



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

Cover Page

Order ID : Q3422

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number

Q3422-01
Q3422-02

Client Sample Number

PR132-S15-000008-20251021
PR132-FB2-20251021

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: 11/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

AECOM

Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Project # N/A

Order ID # Q3422

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/21/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

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_G using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for PB170215BL [Nitrobenzene-d5 - 110%], marginally high therefore no corrective action was taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol these Compounds are passing on Linear regression,

The Continuous Calibration File ID BG064583.D met the requirements except for 2-Chlorophenol, Benzaldehyde, bis(2-Chloroethyl)ether, Phenol, 2-Fluorophenol and Phenol-d6 failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.



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The Continuous Calibration File ID BG064618.D met the requirements except for Di-n-octyl phthalate, Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no 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.

The soil samples results are based on a dry weight basis.

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3422

MATRIX: Solid

METHOD: 8270E/3541

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5. GC/MS Calibration Requirements. The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro- 2-methylphenol these Compounds are passing on Linear regression, The Continuous Calibration File ID BG064583.D met the requirements except for 2- Chlorophenol, Benzaldehyde, bis(2-Chloroethyl) ether, Phenol, 2-Fluorophenol and Phenol-d6 failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken. The Continuous Calibration File ID BG064618.D met the requirements except for Di-n- octyl phthalate, Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.		✓	
6. Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
7. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for PB170215BL [Nitrobenzene-d5 - 110%], marginally high therefore no corrective action was taken.			✓

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GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

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

The soil samples results are based on a dry weight basis.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3422

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: SOHIL JODHANI

Date: 11/03/2025

LAB CHRONICLE

OrderID:	Q3422	OrderDate:	10/22/2025 11:11:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3422-01	PR132-S15-000008-2 0251021	SOIL	SVOC-TCL BNA -20	8270E	10/21/25	10/23/25	10/27/25	10/21/25



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Hit Summary Sheet SW-846

SDG No.: Q3422
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-S15-000008-20251021								
Q3422-01	PR132-S15-000008-2025	SOIL	Fluoranthene	190.000	J	51.5	290	ug/Kg
Q3422-01	PR132-S15-000008-2025	SOIL	Pyrene	150.000	J	61.8	290	ug/Kg
Total Svoc :				340.00				
Q3422-01	PR132-S15-000008-2025	SOIL	.beta.-iso-Methyl ionone	*	220.000	J	0	ug/Kg
Q3422-01	PR132-S15-000008-2025	SOIL	Benzophenone	*	170.000	J	0	ug/Kg
Total Tics :				390.00				
Total Concentration:				730.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3422

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170215BL	PB170215BL	2-Fluorophenol	150	139	92		18	112
		Phenol-d6	150	139	92		15	107
		Nitrobenzene-d5	100	110	110	*	18	107
		2-Fluorobiphenyl	100	96.8	97		20	109
		2,4,6-Tribromophenol	150	161	108		10	116
		Terphenyl-d14	100	90.8	91		10	105
PB170215BS	PB170215BS	2-Fluorophenol	150	125	83		18	112
		Phenol-d6	150	125	83		15	107
		Nitrobenzene-d5	100	95.4	95		18	107
		2-Fluorobiphenyl	100	79.6	80		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	83.3	83		10	105
Q3419-02MS	PR-132-S16-015094-20251021MS	2-Fluorophenol	150	95.5	64		18	112
		Phenol-d6	150	99.7	66		15	107
		Nitrobenzene-d5	100	76.9	77		18	107
		2-Fluorobiphenyl	100	60.3	60		20	109
		2,4,6-Tribromophenol	150	123	82		10	116
		Terphenyl-d14	100	60.4	60		10	105
Q3419-03MSD	PR-132-S16-015094-20251021MSD	2-Fluorophenol	150	92.9	62		18	112
		Phenol-d6	150	92.6	62		15	107
		Nitrobenzene-d5	100	74.9	75		18	107
		2-Fluorobiphenyl	100	58.4	58		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	57.1	57		10	105
Q3422-01	PR132-S15-000008-20251021	2-Fluorophenol	150	58.8	39		18	112
		Phenol-d6	150	55.4	37		15	107
		Nitrobenzene-d5	100	39.2	39		18	107
		2-Fluorobiphenyl	100	34.8	35		20	109
		2,4,6-Tribromophenol	150	58.3	39		10	116
		Terphenyl-d14	100	34.1	34		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: SW8270E

Client: AECOM

DataFile: BG064627.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3419-02MS		Client Sample ID: PR-132-S16-015094-20251021MS									
Benzaldehyde	3100	0	2100	ug/Kg	68				10	171	
Phenol	3100	0	3000	ug/Kg	97				51	122	
bis(2-Chloroethyl)ether	3100	0	2000	ug/Kg	65				54	125	
2-Chlorophenol	3100	0	3200	ug/Kg	103				51	121	
2-Methylphenol	3100	0	3000	ug/Kg	97				47	125	
2,2-oxybis(1-Chloropropane)	3100	0	2800	ug/Kg	90				46	119	
Acetophenone	3100	0	3300	ug/Kg	106				55	128	
3+4-Methylphenols	3100	0	3000	ug/Kg	97				49	125	
N-Nitroso-di-n-propylamine	3100	0	3000	ug/Kg	97				59	119	
Hexachloroethane	3100	0	3200	ug/Kg	103				51	116	
Nitrobenzene	3100	0	3400	ug/Kg	110				47	124	
Isophorone	3100	0	3000	ug/Kg	97				49	127	
2-Nitrophenol	3100	0	3800	ug/Kg	123				43	131	
2,4-Dimethylphenol	3100	0	3500	ug/Kg	113				63	151	
bis(2-Chloroethoxy)methane	3100	0	2900	ug/Kg	94				51	119	
2,4-Dichlorophenol	3100	0	3500	ug/Kg	113				50	122	
Naphthalene	3100	0	3000	ug/Kg	97				51	121	
4-Chloroaniline	3100	0	1300	ug/Kg	42				10	100	
Hexachlorobutadiene	3100	0	3200	ug/Kg	103				44	126	
Caprolactam	3100	0	3100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	3100	0	3200	ug/Kg	103				57	132	
2-Methylnaphthalene	3100	0	2800	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	6100	0	9500	ug/Kg	156				10	175	
2,4,6-Trichlorophenol	3100	0	3600	ug/Kg	116				33	141	
2,4,5-Trichlorophenol	3100	0	3400	ug/Kg	110				38	135	
1,1-Biphenyl	3100	0	3400	ug/Kg	110				55	131	
2-Chloronaphthalene	3100	0	3100	ug/Kg	100				48	124	
2-Nitroaniline	3100	0	3400	ug/Kg	110				47	134	
Dimethylphthalate	3100	0	3100	ug/Kg	100				54	120	
Acenaphthylene	3100	0	3500	ug/Kg	113				57	125	
2,6-Dinitrotoluene	3100	0	3700	ug/Kg	119				48	127	
3-Nitroaniline	3100	0	2500	ug/Kg	81				10	112	
Acenaphthene	3100	0	3500	ug/Kg	113				70	121	
2,4-Dinitrophenol	6100	0	8100	ug/Kg	133				10	155	
4-Nitrophenol	6100	0	7500	ug/Kg	123				10	175	
Dibenzofuran	3100	0	3100	ug/Kg	100				52	114	
2,4-Dinitrotoluene	3100	0	3600	ug/Kg	116				41	140	
Diethylphthalate	3100	0	3100	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	3100	0	3100	ug/Kg	100				48	122	
Fluorene	3100	0	3100	ug/Kg	100				53	118	
4-Nitroaniline	3100	0	3600	ug/Kg	116				29	140	
4,6-Dinitro-2-methylphenol	3100	0	4000	ug/Kg	129				10	160	
N-Nitrosodiphenylamine	3100	0	3100	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	3100	0	3200	ug/Kg	103				65	121	
Hexachlorobenzene	3100	0	3200	ug/Kg	103				67	118	
Atrazine	3100	0	3400	ug/Kg	110				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: SW8270E

Client: AECOM

DataFile: BG064627.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	6100	0	7000	ug/Kg	115				13	153	
Phenanthrene	3100	0	3100	ug/Kg	100				52	128	
Anthracene	3100	0	3100	ug/Kg	100				62	124	
Carbazole	3100	0	3100	ug/Kg	100				59	119	
Di-n-butylphthalate	3100	0	3200	ug/Kg	103				55	125	
Fluoranthene	3100	0	3100	ug/Kg	100				44	125	
Pyrene	3100	0	2900	ug/Kg	94				37	122	
Butylbenzylphthalate	3100	0	3500	ug/Kg	113				44	135	
3,3-Dichlorobenzidine	3100	0	1700	ug/Kg	55				15	112	
Benzo(a)anthracene	3100	0	3100	ug/Kg	100				53	119	
Chrysene	3100	0	3100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	3100	0	3400	ug/Kg	110				42	169	
Di-n-octyl phthalate	3100	0	3500	ug/Kg	113				51	156	
Benzo(b)fluoranthene	3100	0	3100	ug/Kg	100				52	117	
Benzo(k)fluoranthene	3100	0	3200	ug/Kg	103				57	134	
Benzo(a)pyrene	3100	0	3200	ug/Kg	103				70	142	
Indeno(1,2,3-cd)pyrene	3100	0	3100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	3100	0	3200	ug/Kg	103				43	123	
Benzo(g,h,i)perylene	3100	0	3100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	3100	0	3500	ug/Kg	113				52	134	
1,4-Dioxane	3100	0	2500	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	3100	0	3800	ug/Kg	123				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: SW8270E

Client: AECOM

DataFile: BG064628.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3419-03MSD		Client Sample ID: PR-132-S16-015094-20251021MSD									
Benzaldehyde	3100	0	2100	ug/Kg	68		0		10	171	20
Phenol	3100	0	2900	ug/Kg	94		3		51	122	20
bis(2-Chloroethyl)ether	3100	0	1900	ug/Kg	61		6		54	125	20
2-Chlorophenol	3100	0	3000	ug/Kg	97		6		51	121	20
2-Methylphenol	3100	0	2900	ug/Kg	94		3		47	125	20
2,2-oxybis(1-Chloropropane)	3100	0	2700	ug/Kg	87		3		46	119	20
Acetophenone	3100	0	3100	ug/Kg	100		6		55	128	20
3+4-Methylphenols	3100	0	2900	ug/Kg	94		3		49	125	20
N-Nitroso-di-n-propylamine	3100	0	2700	ug/Kg	87		11		59	119	20
Hexachloroethane	3100	0	3000	ug/Kg	97		6		51	116	20
Nitrobenzene	3100	0	3300	ug/Kg	106		4		47	124	20
Isophorone	3100	0	2800	ug/Kg	90		7		49	127	20
2-Nitrophenol	3100	0	3800	ug/Kg	123		0		43	131	20
2,4-Dimethylphenol	3100	0	3300	ug/Kg	106		6		63	151	20
bis(2-Chloroethoxy)methane	3100	0	2800	ug/Kg	90		4		51	119	20
2,4-Dichlorophenol	3100	0	3300	ug/Kg	106		6		50	122	20
Naphthalene	3100	0	2900	ug/Kg	94		3		51	121	20
4-Chloroaniline	3100	0	1200	ug/Kg	39		7		10	100	20
Hexachlorobutadiene	3100	0	3100	ug/Kg	100		3		44	126	20
Caprolactam	3100	0	2800	ug/Kg	90		11		51	134	20
4-Chloro-3-methylphenol	3100	0	3100	ug/Kg	100		3		57	132	20
2-Methylnaphthalene	3100	0	2700	ug/Kg	87		3		59	123	20
Hexachlorocyclopentadiene	6100	0	8900	ug/Kg	146		7		10	175	20
2,4,6-Trichlorophenol	3100	0	3500	ug/Kg	113		3		33	141	20
2,4,5-Trichlorophenol	3100	0	3400	ug/Kg	110		0		38	135	20
1,1-Biphenyl	3100	0	3300	ug/Kg	106		4		55	131	20
2-Chloronaphthalene	3100	0	3000	ug/Kg	97		3		48	124	20
2-Nitroaniline	3100	0	3300	ug/Kg	106		4		47	134	20
Dimethylphthalate	3100	0	2900	ug/Kg	94		6		54	120	20
Acenaphthylene	3100	0	3300	ug/Kg	106		6		57	125	20
2,6-Dinitrotoluene	3100	0	3600	ug/Kg	116		3		48	127	20
3-Nitroaniline	3100	0	2400	ug/Kg	77		5		10	112	20
Acenaphthene	3100	0	3400	ug/Kg	110		3		70	121	20
2,4-Dinitrophenol	6100	0	7800	ug/Kg	128		4		10	155	20
4-Nitrophenol	6100	0	6900	ug/Kg	113		8		10	175	20
Dibenzofuran	3100	0	2900	ug/Kg	94		6		52	114	20
2,4-Dinitrotoluene	3100	0	3300	ug/Kg	106		9		41	140	20
Diethylphthalate	3100	0	2900	ug/Kg	94		6		51	119	20
4-Chlorophenyl-phenylether	3100	0	3000	ug/Kg	97		3		48	122	20
Fluorene	3100	0	3000	ug/Kg	97		3		53	118	20
4-Nitroaniline	3100	0	3500	ug/Kg	113		3		29	140	20
4,6-Dinitro-2-methylphenol	3100	0	3900	ug/Kg	126		2		10	160	20
N-Nitrosodiphenylamine	3100	0	3100	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	3100	0	3000	ug/Kg	97		6		65	121	20
Hexachlorobenzene	3100	0	3100	ug/Kg	100		3		67	118	20
Atrazine	3100	0	3300	ug/Kg	106		4		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: SW8270E

Client: AECOM

DataFile: BG064628.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	6100	0	6800	ug/Kg	111		4		13	153	20
Phenanthrene	3100	0	3000	ug/Kg	97		3		52	128	20
Anthracene	3100	0	2900	ug/Kg	94		6		62	124	20
Carbazole	3100	0	3000	ug/Kg	97		3		59	119	20
Di-n-butylphthalate	3100	0	3100	ug/Kg	100		3		55	125	20
Fluoranthene	3100	0	3100	ug/Kg	100		0		44	125	20
Pyrene	3100	0	2700	ug/Kg	87		8		37	122	20
Butylbenzylphthalate	3100	0	3400	ug/Kg	110		3		44	135	20
3,3-Dichlorobenzidine	3100	0	1700	ug/Kg	55		0		15	112	20
Benzo(a)anthracene	3100	0	3000	ug/Kg	97		3		53	119	20
Chrysene	3100	0	2900	ug/Kg	94		6		57	121	20
bis(2-Ethylhexyl)phthalate	3100	0	3400	ug/Kg	110		0		42	169	20
Di-n-octyl phthalate	3100	0	3300	ug/Kg	106		6		51	156	20
Benzo(b)fluoranthene	3100	0	3000	ug/Kg	97		3		52	117	20
Benzo(k)fluoranthene	3100	0	3000	ug/Kg	97		6		57	134	20
Benzo(a)pyrene	3100	0	3100	ug/Kg	100		3		70	142	20
Indeno(1,2,3-cd)pyrene	3100	0	3000	ug/Kg	97		3		40	129	20
Dibenz(a,h)anthracene	3100	0	3000	ug/Kg	97		6		43	123	20
Benzo(g,h,i)perylene	3100	0	3000	ug/Kg	97		3		24	125	20
1,2,4,5-Tetrachlorobenzene	3100	0	3400	ug/Kg	110		3		52	134	20
1,4-Dioxane	3100	0	2300	ug/Kg	74		9		46	112	20
2,3,4,6-Tetrachlorophenol	3100	0	3600	ug/Kg	116		6		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: 8270E

Client: AECOM

DataFile: BG064622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170215BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1100	ug/Kg	65				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	790	ug/Kg	46				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	4100	ug/Kg	124				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: 8270E

Client: AECOM

DataFile: BG064622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170215BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170215BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3422

Lab File ID: BG064621.D

Lab Sample ID: PB170215BL

Instrument ID: BNA_G

Date Extracted: 10/23/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/29/2025

Level: (low/med) LOW

Time Analyzed: 13:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170215BS	PB170215BS	BG064622.D	10/29/2025
PR-132-S16-015094-20251021MS	Q3419-02MS	BG064627.D	10/29/2025
PR-132-S16-015094-20251021MSD	Q3419-03MSD	BG064628.D	10/29/2025
PR132-S15-000008-20251021	Q3422-01	BG064597.D	10/27/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064568.D
Instrument ID: BNA_G

Contract: AEC002
SDG NO.: Q3422
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 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	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	86.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064582.D
Instrument ID: BNA_G

Contract: AECO02
SDG NO.: Q3422
DFTPP Injection Date: 10/27/2025
DFTPP Injection Time: 11:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	81.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BG064583.D	10/27/2025	11:57
PR132-S15-000008-20251021	Q3422-01	BG064597.D	10/27/2025	21:31



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064617.D
Instrument ID: BNA_G

Contract: AECO02
SDG NO.: Q3422
DFTPP Injection Date: 10/29/2025
DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1) 1
69	Mass 69 relative abundance	100
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	7.3
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	91.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18) 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	BG064618.D	10/29/2025	11:22
PB170215BL	PB170215BL	BG064621.D	10/29/2025	13:25
PB170215BS	PB170215BS	BG064622.D	10/29/2025	14:06
PR-132-S16-015094-20251021MS	Q3419-02MS	BG064627.D	10/29/2025	17:34
PR-132-S16-015094-20251021MSD	Q3419-03MSD	BG064628.D	10/29/2025	18:15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3422

Client ID : SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BG064583.D

Time Analyzed: 11:57

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	39737	8.22	173874	11.05	136456	14.84
UPPER LIMIT	79474	8.72	347748	11.546	272912	15.342
LOWER LIMIT	19868.5	7.72	86937	10.546	68228	14.342
EPA SAMPLE NO.						
01 PR132-S15-000008-20251021	39403	8.22	157676	11.04	121417	14.84

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.: Q3422

Client ID: SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BG064583.D

Time Analyzed: 11:57

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	324576	17.58	347536	21.851	368889	25.194
UPPER LIMIT	649152	18.08	695072	22.351	737778	25.694
LOWER LIMIT	162288	17.08	173768	21.351	184445	24.694
EPA SAMPLE NO.						
01 PR132-S15-000008-20251021	282320	17.57	298427	21.85	319820	25.19

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.: Q3422

Client ID : SSTDCCC040

Date Analyzed: 10/29/2025

Lab File ID: BG064618.D

Time Analyzed: 11:22

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	36613	8.223	148961	11.04	108882	14.84
UPPER LIMIT	73226	8.723	297922	11.543	217764	15.339
LOWER LIMIT	18306.5	7.723	74480.5	10.543	54441	14.339
EPA SAMPLE NO.						
01 PB170215BL	33974	8.22	131027	11.04	98338	14.84
02 PB170215BS	30857	8.22	126314	11.04	102616	14.84
03 PR-132-S16-015094-20251021MS	30488	8.22	121320	11.04	93614	14.84
04 PR-132-S16-015094-20251021MSD	31803	8.21	124534	11.04	94989	14.84

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.: Q3422

Client ID: SSTDCCC040

Date Analyzed: 10/29/2025

Lab File ID: BG064618.D

Time Analyzed: 11:22

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	241683	17.577	261016	21.854	298207	25.197
UPPER LIMIT	483366	18.077	522032	22.354	596414	25.697
LOWER LIMIT	120842	17.077	130508	21.354	149104	24.697
EPA SAMPLE NO.						
01 PB170215BL	248117	17.58	318243	21.85	369003	25.19
02 PB170215BS	252758	17.58	286271	21.85	311364	25.19
03 PR-132-S16-015094-20251021I	229619	17.58	271892	21.85	296767	25.19
04 PR-132-S16-015094-20251021I	230638	17.58	282250	21.85	308600	25.19

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



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Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S15-000008-20251021
Lab Sample ID: Q3422-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3422
Matrix: SOIL
% Solid: 58.1
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	570	U	1	270	570	ug/Kg	10/27/25 21:31	PB170215
108-95-2	Phenol	290	U	1	37.9	290	ug/Kg	10/27/25 21:31	PB170215
111-44-4	bis(2-Chloroethyl)ether	290	U	1	41.7	290	ug/Kg	10/27/25 21:31	PB170215
95-57-8	2-Chlorophenol	290	U	1	41.9	290	ug/Kg	10/27/25 21:31	PB170215
95-48-7	2-Methylphenol	290	U	1	51.3	290	ug/Kg	10/27/25 21:31	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	1	64.4	290	ug/Kg	10/27/25 21:31	PB170215
98-86-2	Acetophenone	290	U	1	50.6	290	ug/Kg	10/27/25 21:31	PB170215
65794-96-9	3+4-Methylphenols	570	U	1	70.6	570	ug/Kg	10/27/25 21:31	PB170215
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	81.4	140	ug/Kg	10/27/25 21:31	PB170215
67-72-1	Hexachloroethane	290	U	1	30.2	290	ug/Kg	10/27/25 21:31	PB170215
98-95-3	Nitrobenzene	290	U	1	31.4	290	ug/Kg	10/27/25 21:31	PB170215
78-59-1	Isophorone	290	U	1	56.3	290	ug/Kg	10/27/25 21:31	PB170215
88-75-5	2-Nitrophenol	290	U	1	99.9	290	ug/Kg	10/27/25 21:31	PB170215
105-67-9	2,4-Dimethylphenol	290	U	1	110	290	ug/Kg	10/27/25 21:31	PB170215
111-91-1	bis(2-Chloroethoxy)methane	290	U	1	52.9	290	ug/Kg	10/27/25 21:31	PB170215
120-83-2	2,4-Dichlorophenol	290	U	1	48.6	290	ug/Kg	10/27/25 21:31	PB170215
91-20-3	Naphthalene	290	U	1	39.0	290	ug/Kg	10/27/25 21:31	PB170215
106-47-8	4-Chloroaniline	290	U	1	60.8	290	ug/Kg	10/27/25 21:31	PB170215
87-68-3	Hexachlorobutadiene	290	U	1	43.4	290	ug/Kg	10/27/25 21:31	PB170215
105-60-2	Caprolactam	570	U	1	89.4	570	ug/Kg	10/27/25 21:31	PB170215
59-50-7	4-Chloro-3-methylphenol	290	U	1	49.3	290	ug/Kg	10/27/25 21:31	PB170215
91-57-6	2-Methylnaphthalene	290	U	1	43.9	290	ug/Kg	10/27/25 21:31	PB170215
77-47-4	Hexachlorocyclopentadiene	570	U	1	200	570	ug/Kg	10/27/25 21:31	PB170215
88-06-2	2,4,6-Trichlorophenol	290	U	1	34.0	290	ug/Kg	10/27/25 21:31	PB170215
95-95-4	2,4,5-Trichlorophenol	290	U	1	50.0	290	ug/Kg	10/27/25 21:31	PB170215
92-52-4	1,1-Biphenyl	290	U	1	37.4	290	ug/Kg	10/27/25 21:31	PB170215
91-58-7	2-Chloronaphthalene	290	U	1	38.6	290	ug/Kg	10/27/25 21:31	PB170215
88-74-4	2-Nitroaniline	290	U	1	82.6	290	ug/Kg	10/27/25 21:31	PB170215
131-11-3	Dimethylphthalate	290	U	1	46.5	290	ug/Kg	10/27/25 21:31	PB170215
208-96-8	Acenaphthylene	290	U	1	49.6	290	ug/Kg	10/27/25 21:31	PB170215
606-20-2	2,6-Dinitrotoluene	290	U	1	57.7	290	ug/Kg	10/27/25 21:31	PB170215
99-09-2	3-Nitroaniline	290	U	1	79.0	290	ug/Kg	10/27/25 21:31	PB170215
83-32-9	Acenaphthene	290	U	1	36.6	290	ug/Kg	10/27/25 21:31	PB170215
51-28-5	2,4-Dinitrophenol	570	U	1	390	570	ug/Kg	10/27/25 21:31	PB170215
100-02-7	4-Nitrophenol	570	U	1	180	570	ug/Kg	10/27/25 21:31	PB170215
132-64-9	Dibenzofuran	290	U	1	39.0	290	ug/Kg	10/27/25 21:31	PB170215
121-14-2	2,4-Dinitrotoluene	290	U	1	86.0	290	ug/Kg	10/27/25 21:31	PB170215
84-66-2	Diethylphthalate	290	U	1	48.6	290	ug/Kg	10/27/25 21:31	PB170215
7005-72-3	4-Chlorophenyl-phenylether	290	U	1	45.8	290	ug/Kg	10/27/25 21:31	PB170215
86-73-7	Fluorene	290	U	1	43.4	290	ug/Kg	10/27/25 21:31	PB170215
100-01-6	4-Nitroaniline	290	U	1	110	290	ug/Kg	10/27/25 21:31	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	570	U	1	180	570	ug/Kg	10/27/25 21:31	PB170215

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR132-S15-000008-20251021
 Lab Sample ID: Q3422-01
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
 Date Received: 10/21/25
 SDG No.: Q3422
 Matrix: SOIL
 % Solid: 58.1
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	290	U	1	56.5	290	ug/Kg	10/27/25 21:31	PB170215
101-55-3	4-Bromophenyl-phenylether	290	U	1	47.7	290	ug/Kg	10/27/25 21:31	PB170215
118-74-1	Hexachlorobenzene	290	U	1	43.4	290	ug/Kg	10/27/25 21:31	PB170215
1912-24-9	Atrazine	290	U	1	58.4	290	ug/Kg	10/27/25 21:31	PB170215
87-86-5	Pentachlorophenol	570	U	1	88.1	570	ug/Kg	10/27/25 21:31	PB170215
85-01-8	Phenanthrene	290	U	1	35.9	290	ug/Kg	10/27/25 21:31	PB170215
120-12-7	Anthracene	290	U	1	57.2	290	ug/Kg	10/27/25 21:31	PB170215
86-74-8	Carbazole	290	U	1	53.6	290	ug/Kg	10/27/25 21:31	PB170215
84-74-2	Di-n-butylphthalate	290	U	1	82.2	290	ug/Kg	10/27/25 21:31	PB170215
206-44-0	Fluoranthene	190	J	1	51.5	290	ug/Kg	10/27/25 21:31	PB170215
129-00-0	Pyrene	150	J	1	61.8	290	ug/Kg	10/27/25 21:31	PB170215
85-68-7	Butylbenzylphthalate	290	U	1	120	290	ug/Kg	10/27/25 21:31	PB170215
91-94-1	3,3-Dichlorobenzidine	570	U	1	63.0	570	ug/Kg	10/27/25 21:31	PB170215
56-55-3	Benzo(a)anthracene	290	U	1	39.5	290	ug/Kg	10/27/25 21:31	PB170215
218-01-9	Chrysene	290	U	1	34.2	290	ug/Kg	10/27/25 21:31	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	1	100	290	ug/Kg	10/27/25 21:31	PB170215
117-84-0	Di-n-octyl phthalate	570	U	1	150	570	ug/Kg	10/27/25 21:31	PB170215
205-99-2	Benzo(b)fluoranthene	290	U	1	32.6	290	ug/Kg	10/27/25 21:31	PB170215
207-08-9	Benzo(k)fluoranthene	290	U	1	38.5	290	ug/Kg	10/27/25 21:31	PB170215
50-32-8	Benzo(a)pyrene	290	U	1	50.6	290	ug/Kg	10/27/25 21:31	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	290	U	1	50.0	290	ug/Kg	10/27/25 21:31	PB170215
53-70-3	Dibenzo(a,h)anthracene	290	U	1	47.0	290	ug/Kg	10/27/25 21:31	PB170215
191-24-2	Benzo(g,h,i)perylene	290	U	1	44.1	290	ug/Kg	10/27/25 21:31	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	1	43.9	290	ug/Kg	10/27/25 21:31	PB170215
123-91-1	1,4-Dioxane	290	U	1	77.6	290	ug/Kg	10/27/25 21:31	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	290	U	1	47.0	290	ug/Kg	10/27/25 21:31	PB170215

SURROGATES

367-12-4	2-Fluorophenol	58.8		18 - 112	39%	SPK: 150
13127-88-3	Phenol-d6	55.4		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.2		18 - 107	39%	SPK: 100
321-60-8	2-Fluorobiphenyl	34.8		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	58.3		10 - 116	39%	SPK: 150
1718-51-0	Terphenyl-d14	34.1		10 - 105	34%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	39400
1146-65-2 Naphthalene-d8	158000
15067-26-2 Acenaphthene-d10	121000
1517-22-2 Phenanthrene-d10	282000
1719-03-5 Chrysene-d12	298000
1520-96-3 Perylene-d12	320000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9 Benzophenone	170	J	16.2	ug/Kg
1000285-40-2 .beta.-iso-Methyl ionone	220	J	28.3	ug/Kg

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR132-S15-000008-20251021	SDG No.:	Q3422
Lab Sample ID:	Q3422-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	58.1
Sample Wt/Vol:	30.08 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064597.D
 Acq On : 27 Oct 2025 21:31
 Operator : RC/JU
 Sample : Q3422-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S15-000008-20251021

Quant Time: Oct 28 01:08:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

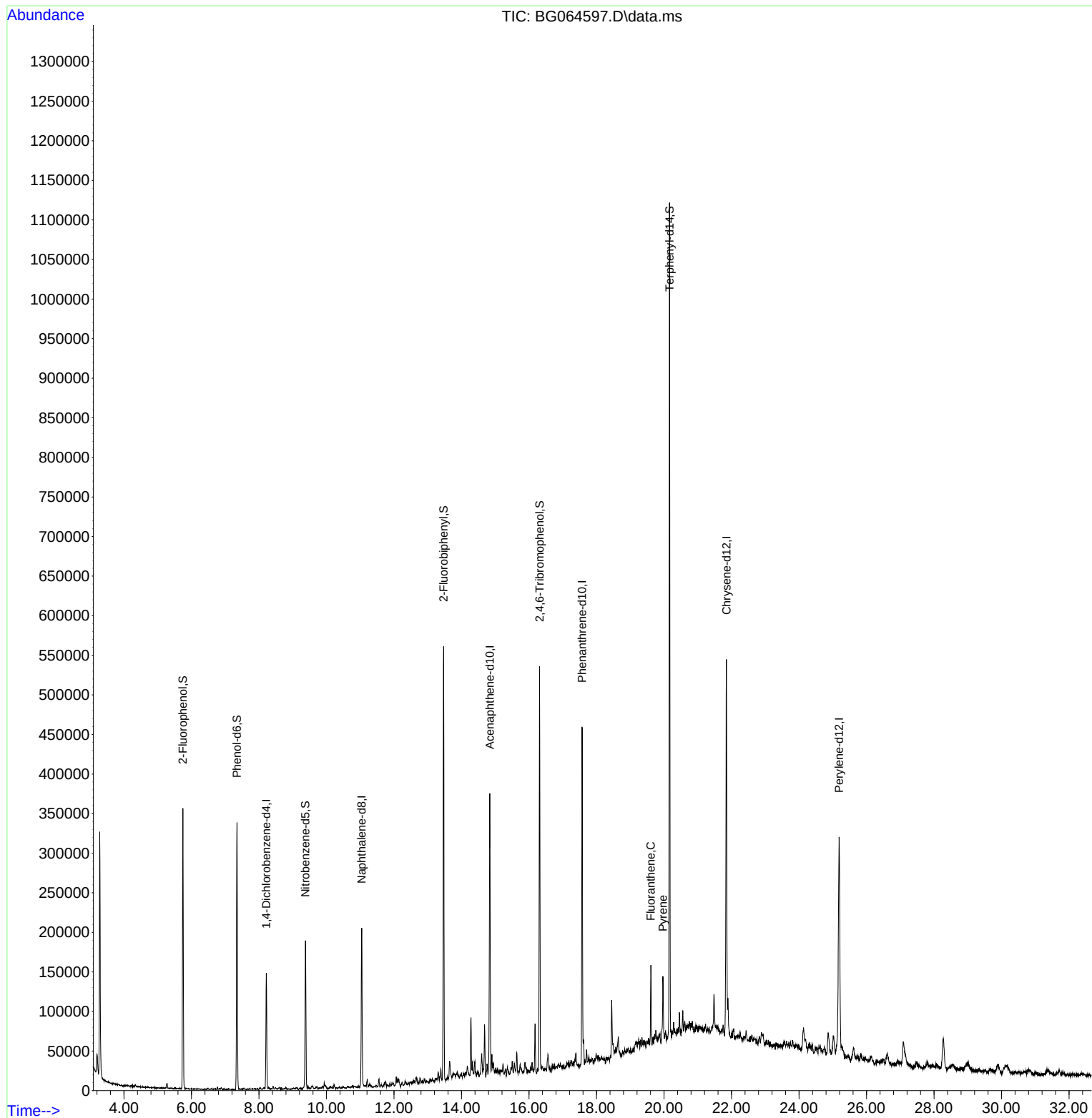
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	39403	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	157676	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121417	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	282320	20.000	ng	0.00
76) Chrysene-d12	21.848	240	298427	20.000	ng	-0.02
86) Perylene-d12	25.186	264	319820	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	138111	58.833	ng	0.00
7) Phenol-d6	7.348	99	178383	55.376	ng	0.00
23) Nitrobenzene-d5	9.375	82	102813	39.164	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	102205	58.322	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	278900	34.817	ng	0.00
79) Terphenyl-d14	20.162	244	538843	34.075	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	19.610	202	63571	3.287	ng	99
78) Pyrene	19.968	202	50972	2.614	ng	98

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

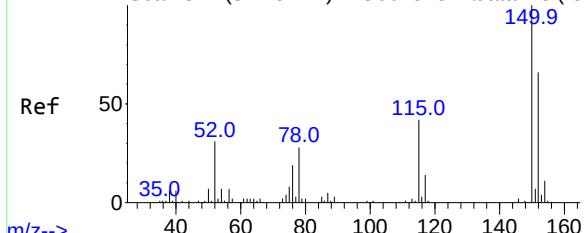
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Quant Time: Oct 28 01:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.217 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Instrument :

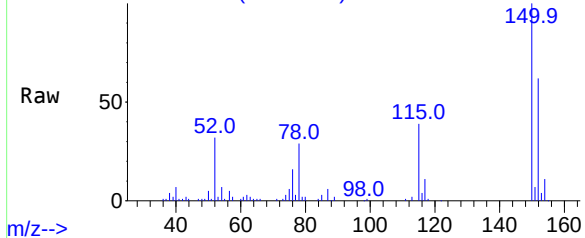
BNA_G

ClientSampleId :

PR132-S15-000008-20251021

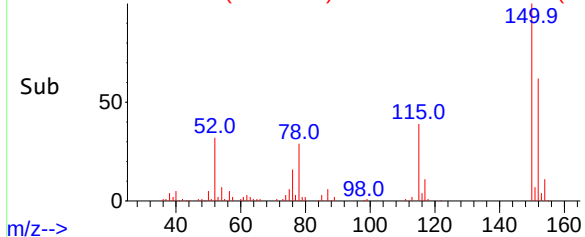
m/z-->

Abundance Scan 873 (8.217 min): BG064597.D\data.ms



m/z-->

Abundance Scan 873 (8.217 min): BG064597.D\data.ms (-85



m/z-->

Tgt Ion:152 Resp: 39403

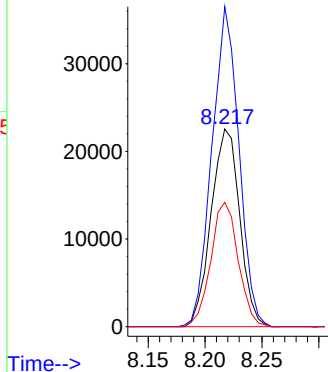
Ion Ratio Lower Upper

152 100

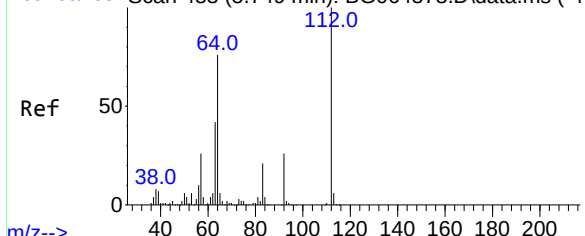
150 161.8 122.2 183.4

115 62.9 50.8 76.2

Abundance

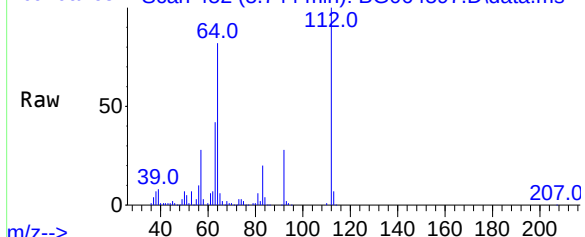


Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



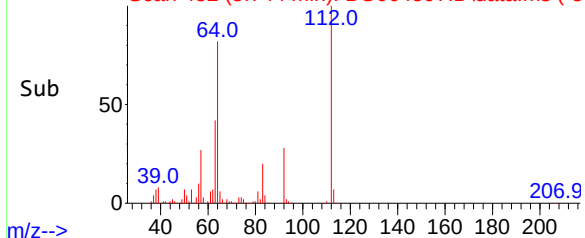
m/z-->

Abundance Scan 452 (5.744 min): BG064597.D\data.ms



m/z-->

Abundance Scan 452 (5.744 min): BG064597.D\data.ms (-36



m/z-->

#5

2-Fluorophenol

Concen: 58.833 ng

RT: 5.744 min Scan# 452

Delta R.T. -0.003 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Tgt Ion:112 Resp: 138111

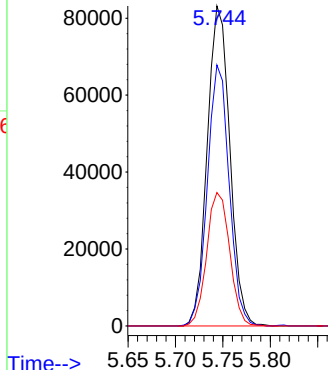
Ion Ratio Lower Upper

112 100

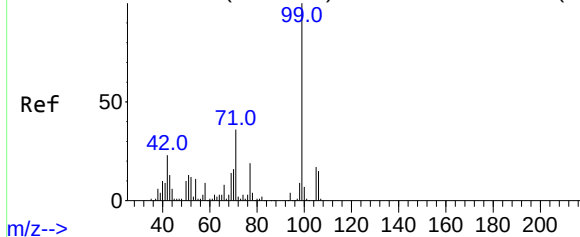
64 81.6 60.7 91.1

63 41.7 33.4 50.0

Abundance

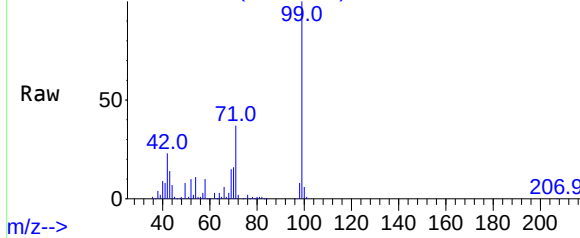


Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



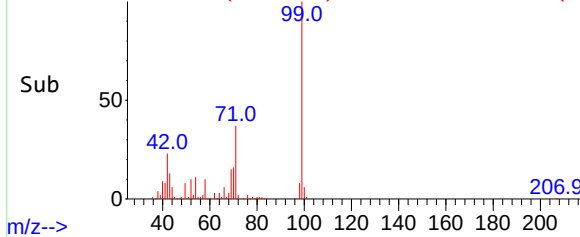
m/z-->

Abundance Scan 725 (7.348 min): BG064597.D\data.ms



m/z-->

Abundance Scan 725 (7.348 min): BG064597.D\data.ms (-63



m/z-->

#7

Phenol-d6

Concen: 55.376 ng

RT: 7.348 min Scan# 71

Delta R.T. -0.009 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Instrument :

BNA_G

ClientSampleId :

PR132-S15-000008-20251021

Tgt Ion: 99 Resp: 178383

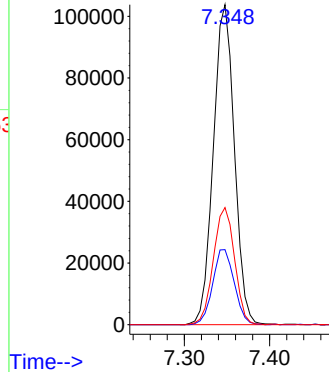
Ion Ratio Lower Upper

99 100

42 23.5 18.3 27.5

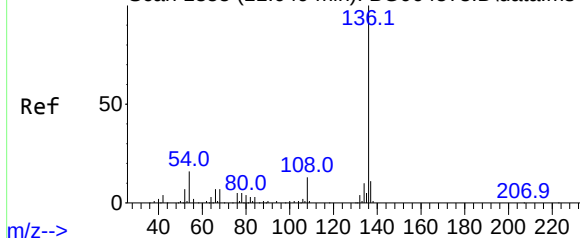
71 36.6 28.6 43.0

Abundance



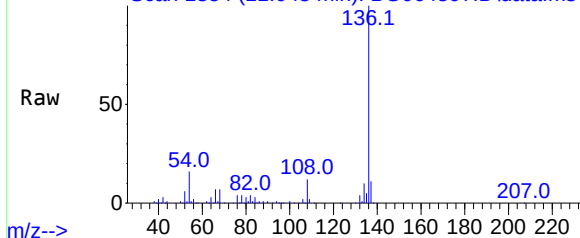
Time-->

Abundance Scan 1355 (11.049 min): BG064573.D\data.ms (-



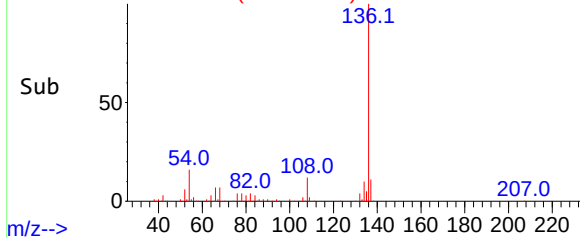
m/z-->

Abundance Scan 1354 (11.043 min): BG064597.D\data.ms



m/z-->

Abundance Scan 1354 (11.043 min): BG064597.D\data.ms (-



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.043 min Scan# 1354

Delta R.T. -0.009 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Tgt Ion:136 Resp: 157676

Ion Ratio Lower Upper

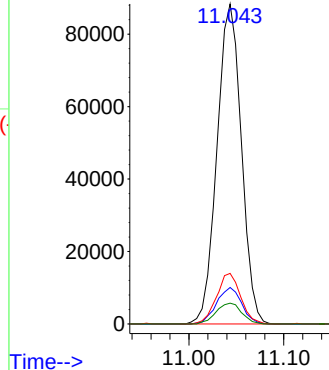
136 100

137 11.4 9.2 13.8

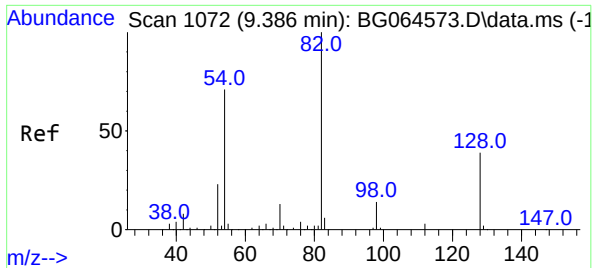
54 15.8 12.6 19.0

68 6.5 5.7 8.5

Abundance



Time-->



#23

Nitrobenzene-d5

Concen: 39.164 ng

RT: 9.375 min Scan# 10

Delta R.T. -0.015 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Instrument :

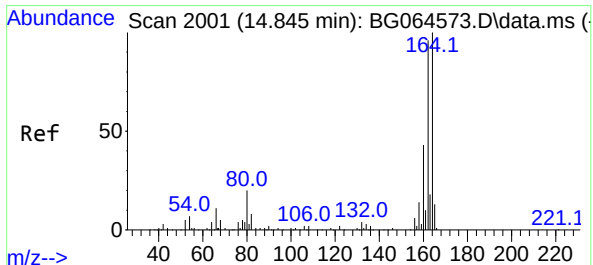
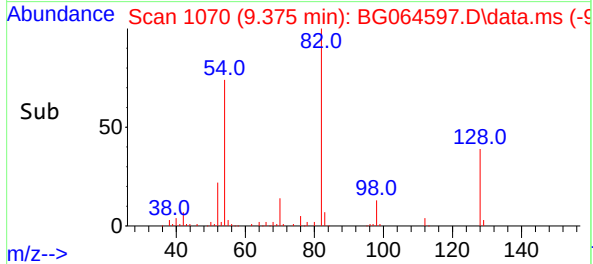
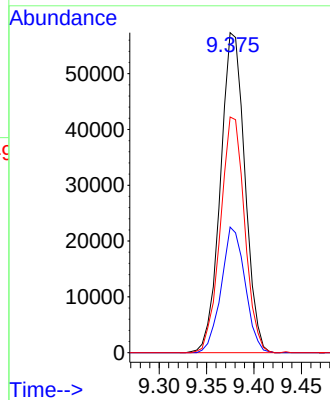
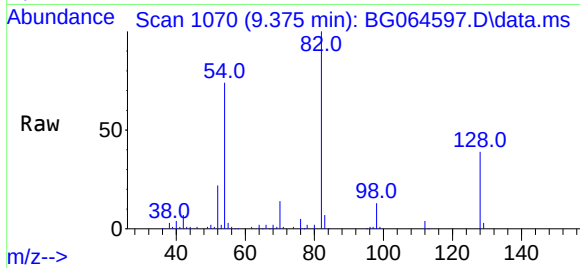
BNA_G

ClientSampleId :

PR132-S15-000008-20251021

Tgt Ion: 82 Resp: 102813

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	73.7	56.6	84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

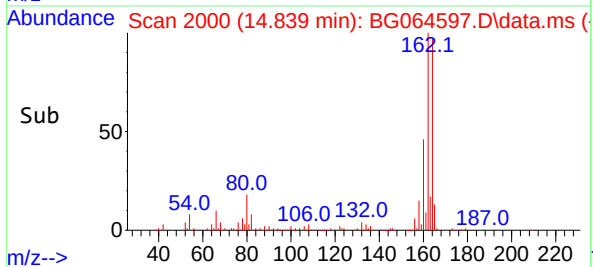
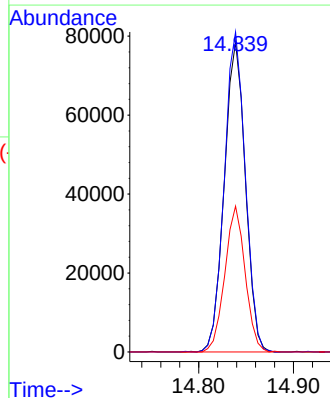
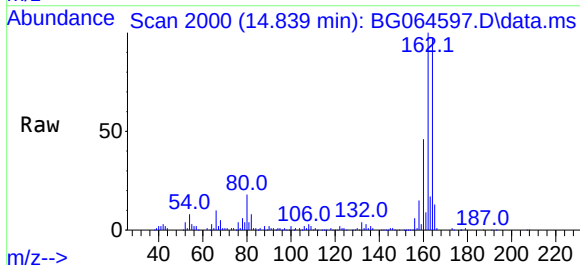
Delta R.T. -0.003 min

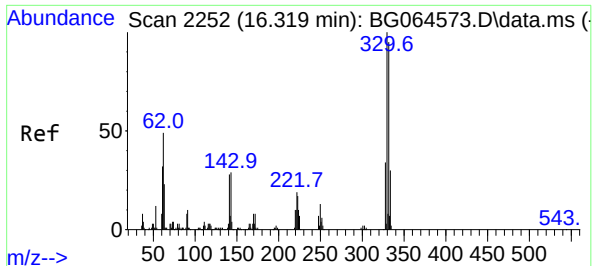
Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Tgt Ion:164 Resp: 121417

Ion	Ratio	Lower	Upper
164	100		
162	103.3	77.0	115.6
160	47.0	34.4	51.6

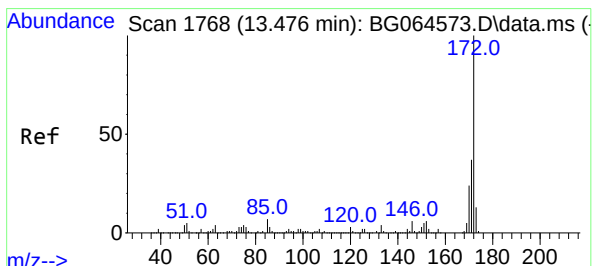
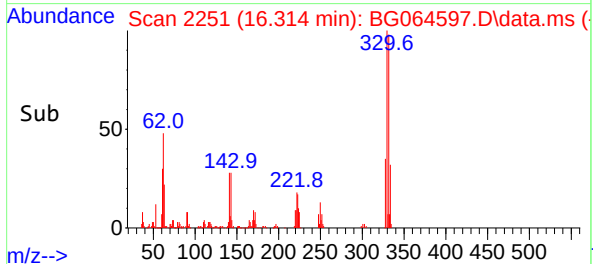
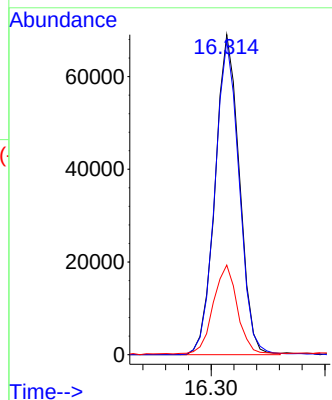
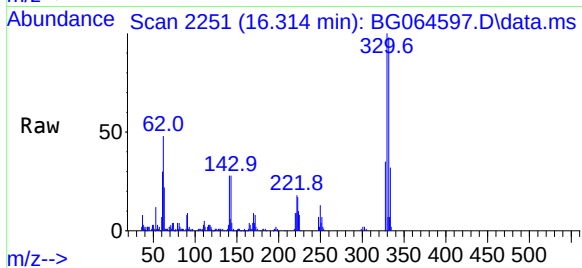




#42
2,4,6-Tribromophenol
Concen: 58.322 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

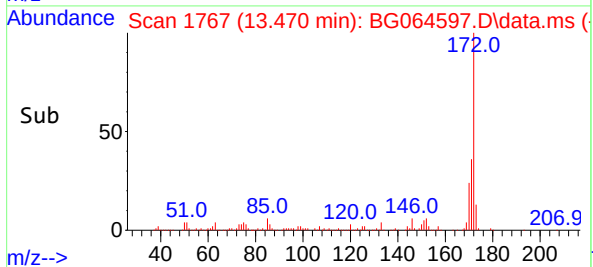
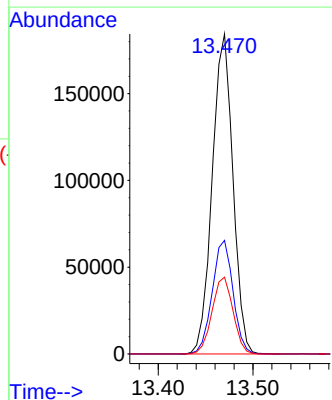
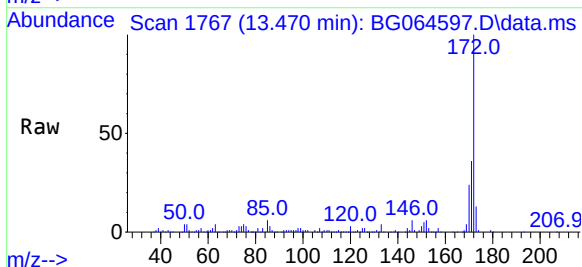
Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:330 Resp: 102205
Ion Ratio Lower Upper
330 100
332 98.2 78.0 117.0
141 28.9 21.8 32.6

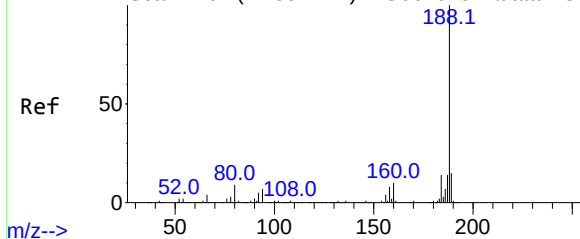


#45
2-Fluorobiphenyl
Concen: 34.817 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:172 Resp: 278900
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 24.0 19.1 28.7



Abundance Scan 2467 (17.582 min): BG064573.D\data.ms (



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Instrument :

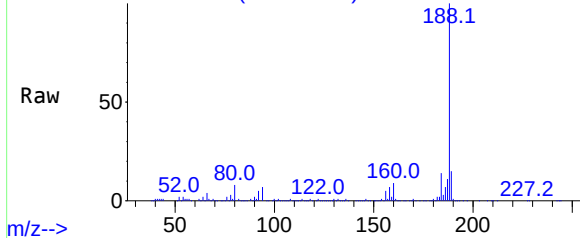
BNA_G

ClientSampleId :

PR132-S15-000008-20251021

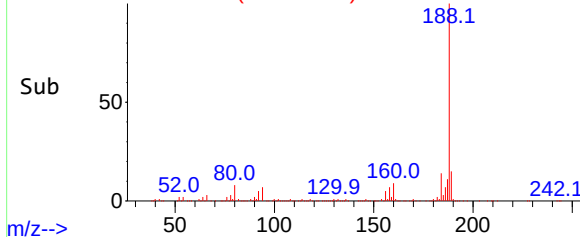
m/z-->

Abundance Scan 2465 (17.571 min): BG064597.D\data.ms



m/z-->

Abundance Scan 2465 (17.571 min): BG064597.D\data.ms (



m/z-->

Tgt Ion:188 Resp: 282320

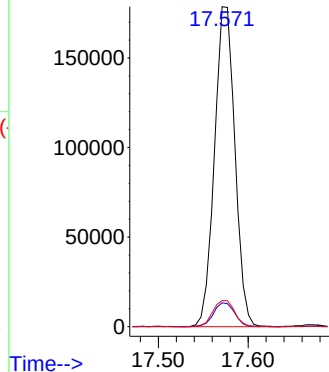
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

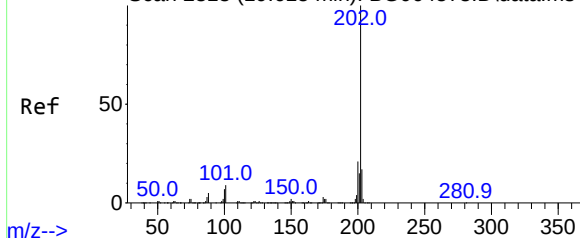
80 8.2 6.8 10.2

Abundance



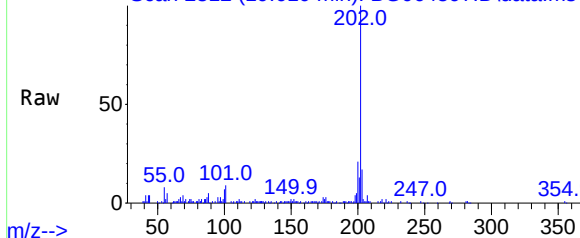
Time-->

Abundance Scan 2813 (19.615 min): BG064573.D\data.ms (



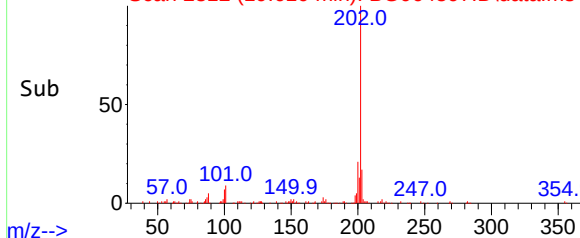
m/z-->

Abundance Scan 2812 (19.610 min): BG064597.D\data.ms



m/z-->

Abundance Scan 2812 (19.610 min): BG064597.D\data.ms (



m/z-->

#75

Fluoranthene

Concen: 3.287 ng

RT: 19.610 min Scan# 2812

Delta R.T. -0.009 min

Lab File: BG064597.D

Acq: 27 Oct 2025 21:31

Tgt Ion:202 Resp: 63571

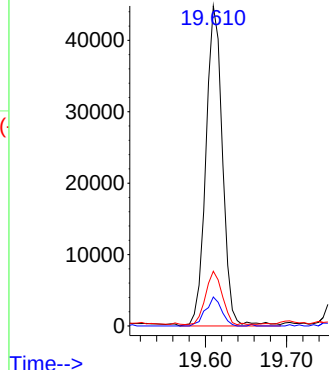
Ion Ratio Lower Upper

202 100

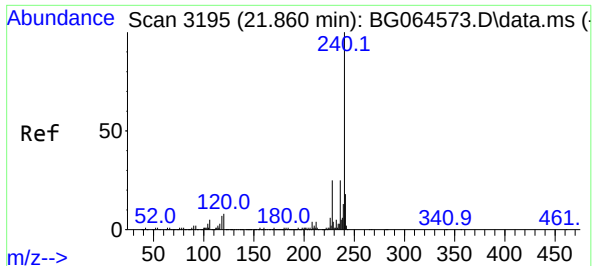
101 9.1 0.0 28.7

203 17.1 0.0 37.0

Abundance



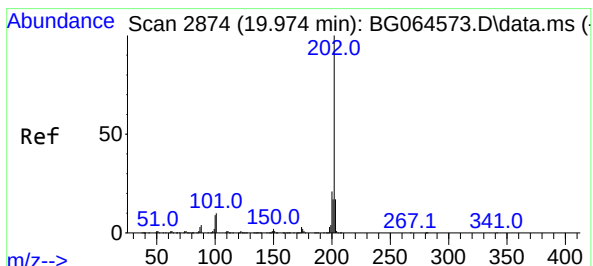
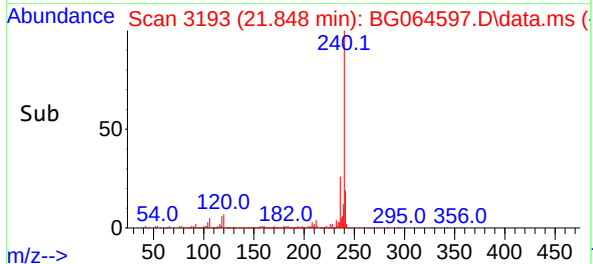
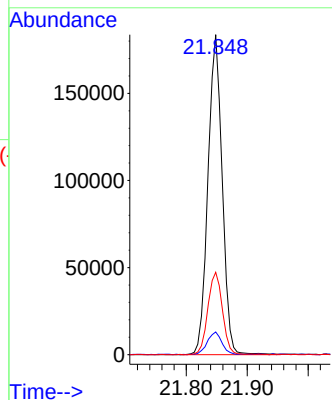
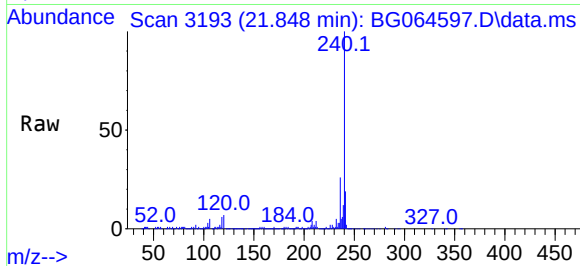
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

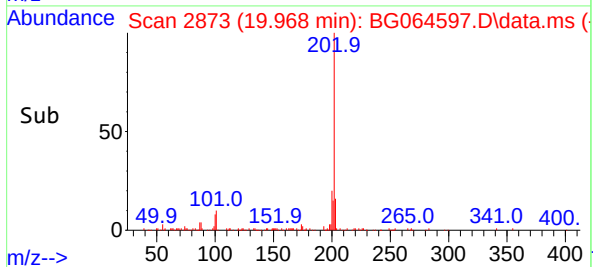
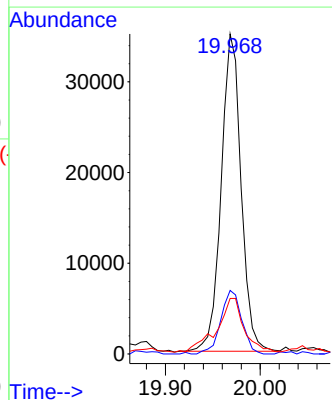
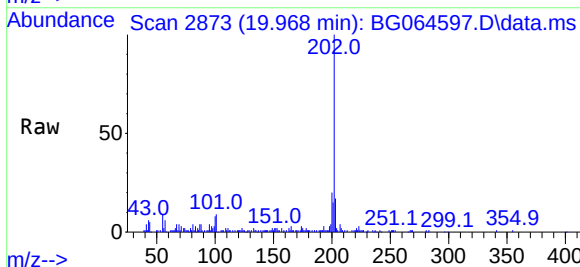
Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

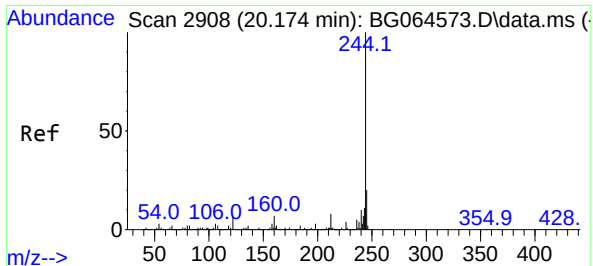
Tgt Ion:240 Resp: 298427
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.8 20.2 30.2



#78
Pyrene
Concen: 2.614 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:202 Resp: 50972
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 17.4 13.8 20.6

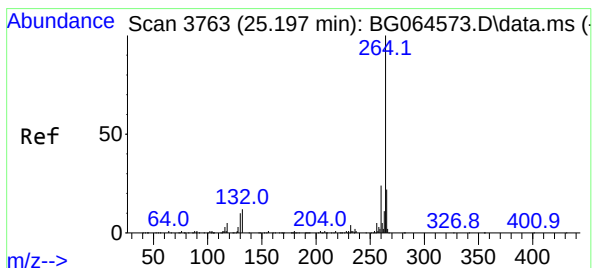
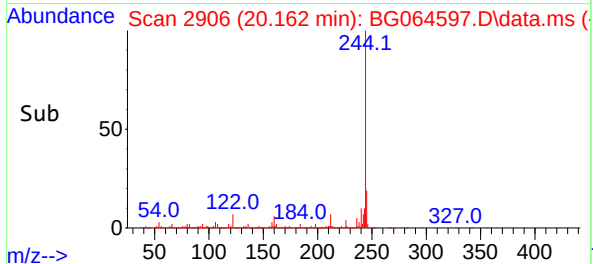
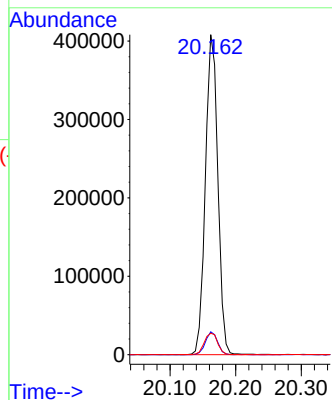
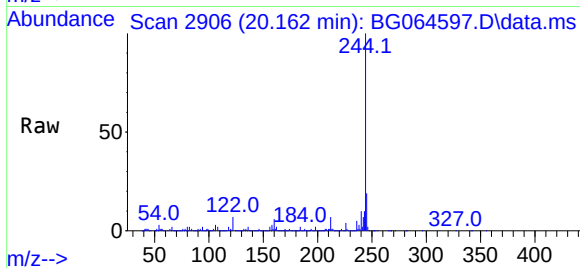




#79
Terphenyl-d14
Concen: 34.075 ng
RT: 20.162 min Scan# 2906
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

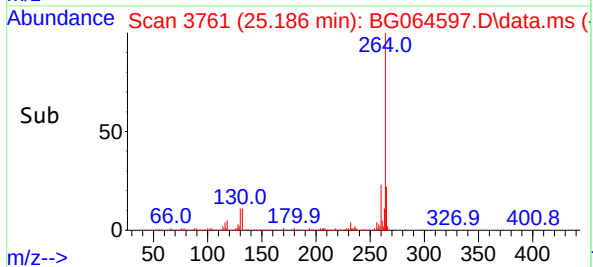
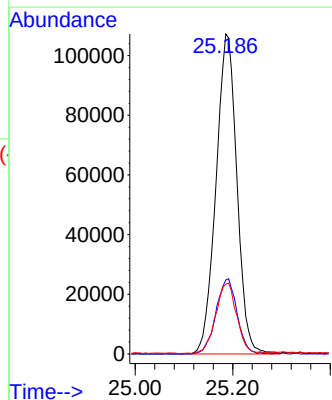
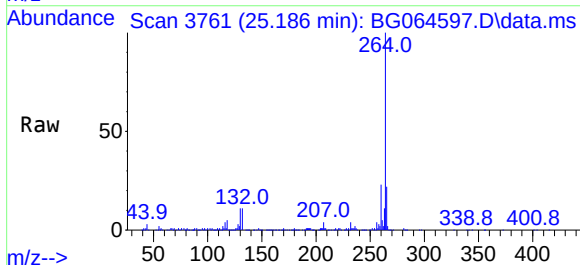
Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:244 Resp: 538843
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3761
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:264 Resp: 319820
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.8 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064597.D
 Acq On : 27 Oct 2025 21:31
 Operator : RC/JU
 Sample : Q3422-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S15-000008-20251021

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_G\Methods\8270-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.200	14	19	27	rVV4	25055	59701	4.35%	0.567%
2	3.282	27	33	46	rVB	312217	528732	38.48%	5.024%
3	5.744	445	452	463	rVB	354954	577813	42.06%	5.491%
4	7.348	717	725	733	rBV	337823	594204	43.25%	5.646%
5	8.217	865	873	880	rBV	145898	248409	18.08%	2.361%
6	9.381	1062	1071	1078	rVB	186582	342823	24.95%	3.258%
7	11.043	1345	1354	1363	rBV	200869	374986	27.29%	3.563%
8	11.208	1378	1382	1387	rVB3	10268	15796	1.15%	0.150%
9	11.555	1436	1441	1446	rVB4	10347	17325	1.26%	0.165%
10	12.066	1522	1528	1531	rBV4	10921	16040	1.17%	0.152%
11	12.142	1538	1541	1548	rVB8	9127	17609	1.28%	0.167%
12	12.765	1643	1647	1654	rBV8	7865	17697	1.29%	0.168%
13	13.305	1736	1739	1745	rVB7	11369	19365	1.41%	0.184%
14	13.388	1750	1753	1759	rVV3	14516	21058	1.53%	0.200%
15	13.470	1759	1767	1774	rVV	547805	855534	62.27%	8.130%
16	13.646	1793	1797	1807	rVB8	20372	46571	3.39%	0.443%
17	14.169	1884	1886	1893	rVB7	10193	17739	1.29%	0.169%
18	14.281	1899	1905	1910	rBV2	73332	115134	8.38%	1.094%
19	14.328	1910	1913	1917	rVB4	16079	20549	1.50%	0.195%
20	14.398	1920	1925	1928	rVV6	15302	23438	1.71%	0.223%
21	14.598	1952	1959	1964	rBV6	26169	50651	3.69%	0.481%
22	14.680	1969	1973	1979	rVB2	66266	107231	7.80%	1.019%
23	14.757	1980	1986	1990	rBV7	16154	29957	2.18%	0.285%
24	14.839	1991	2000	2006	rBV	354707	592501	43.13%	5.630%
25	14.898	2007	2010	2014	rVV2	23646	33882	2.47%	0.322%
26	14.945	2014	2018	2023	rVB6	11683	21773	1.58%	0.207%
27	15.227	2063	2066	2072	rVB5	13119	20388	1.48%	0.194%
28	15.297	2076	2078	2083	rVB6	8937	14457	1.05%	0.137%
29	15.362	2084	2089	2093	rBV6	10611	19514	1.42%	0.185%
30	15.468	2103	2107	2110	rBV6	7128	14283	1.04%	0.136%
31	15.503	2110	2113	2118	rVV5	15438	21012	1.53%	0.200%
32	15.562	2120	2123	2131	rVV10	13585	28317	2.06%	0.269%
33	15.638	2131	2136	2142	rVB6	27389	47920	3.49%	0.455%
34	15.738	2149	2153	2157	rBV6	9648	15369	1.12%	0.146%
35	15.879	2172	2177	2182	rBV4	12595	26505	1.93%	0.252%
36	16.179	2223	2228	2233	rVB	61406	86456	6.29%	0.822%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.314	2244	2251	2257	rBV	511381	766761	55.81%	7.286%
38	16.560	2286	2293	2300	rBV4	20258	48327	3.52%	0.459%
39	16.684	2310	2314	2317	rBV6	8636	14739	1.07%	0.140%
40	17.389	2430	2434	2441	rVB6	15702	29438	2.14%	0.280%
41	17.571	2459	2465	2471	rBV2	427125	704495	51.28%	6.695%
42	17.706	2483	2488	2492	rBV	16558	24462	1.78%	0.232%
43	18.446	2610	2614	2620	rBV2	73136	125604	9.14%	1.194%
44	19.610	2808	2812	2818	rVB	101175	143413	10.44%	1.363%
45	19.968	2869	2873	2880	rVB	78904	119122	8.67%	1.132%
46	20.162	2901	2906	2912	rVB	1048287	1373889	100.00%	13.056%
47	20.456	2954	2956	2960	rVB3	24478	25585	1.86%	0.243%
48	21.478	3127	3130	3137	rVB2	41243	68379	4.98%	0.650%
49	21.848	3185	3193	3199	rBV	469164	855092	62.24%	8.126%
50	24.134	3576	3582	3588	rBV4	20923	55666	4.05%	0.529%
51	25.015	3724	3732	3733	rBV8	23183	41484	3.02%	0.394%
52	25.186	3752	3761	3771	rVB	266203	771486	56.15%	7.331%
53	26.613	3996	4004	4008	rBV	12178	32884	2.39%	0.312%
54	27.089	4077	4085	4096	rBV	28526	116849	8.50%	1.110%
55	28.276	4275	4287	4299	rBV7	37730	145025	10.56%	1.378%

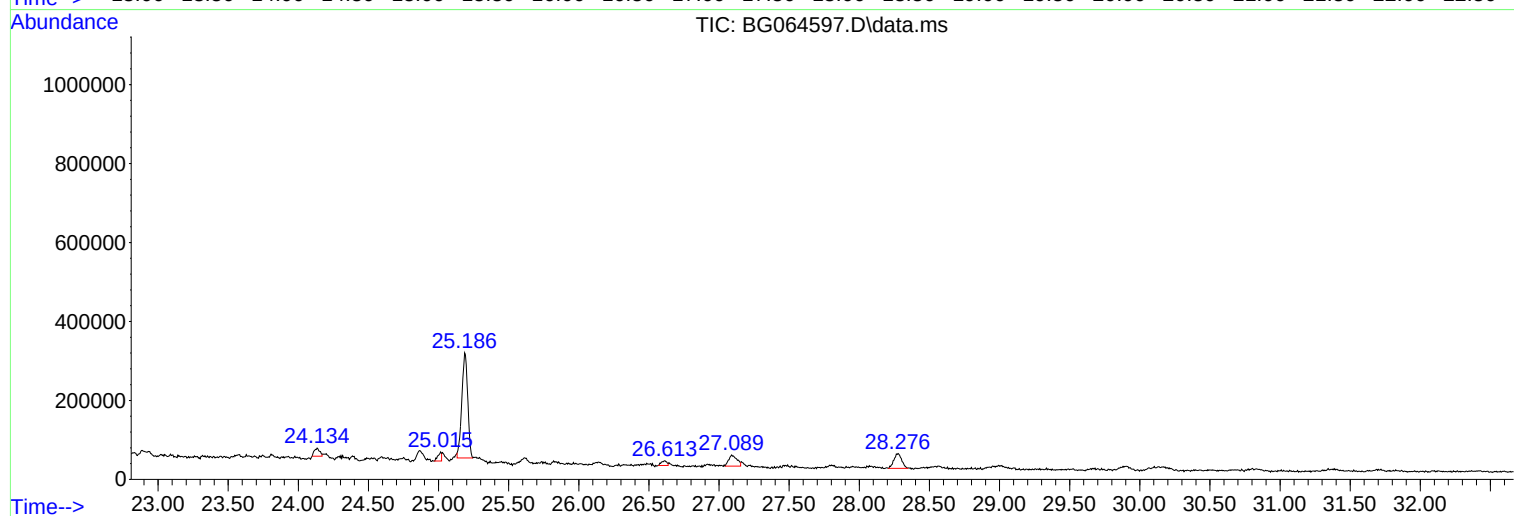
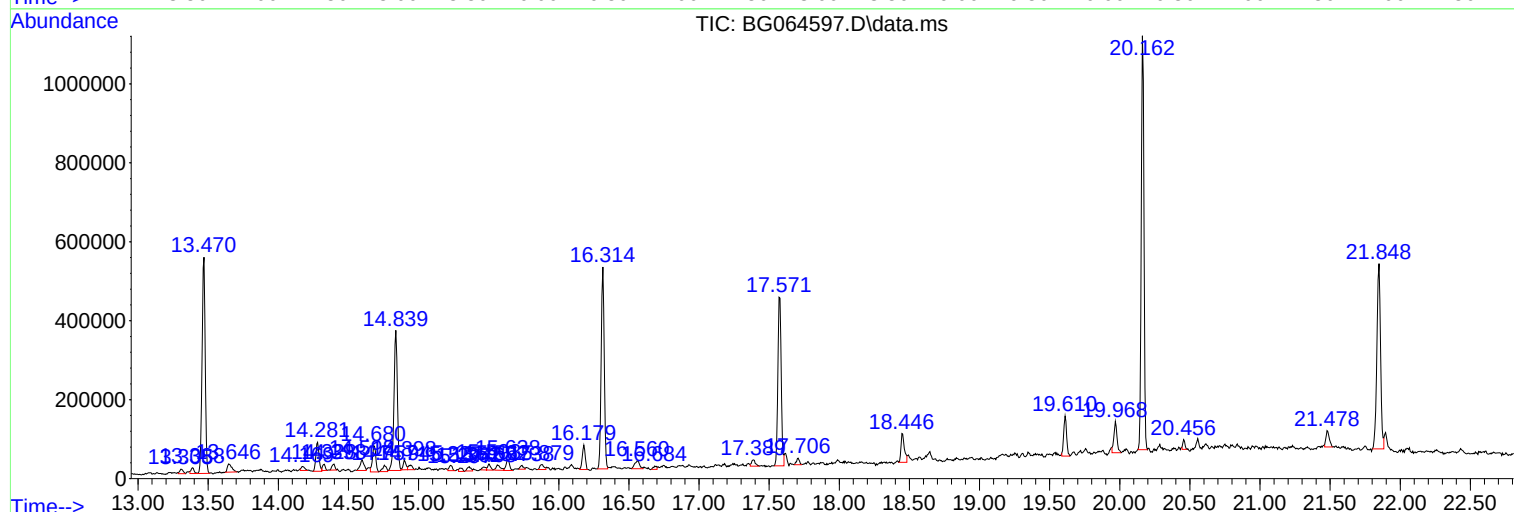
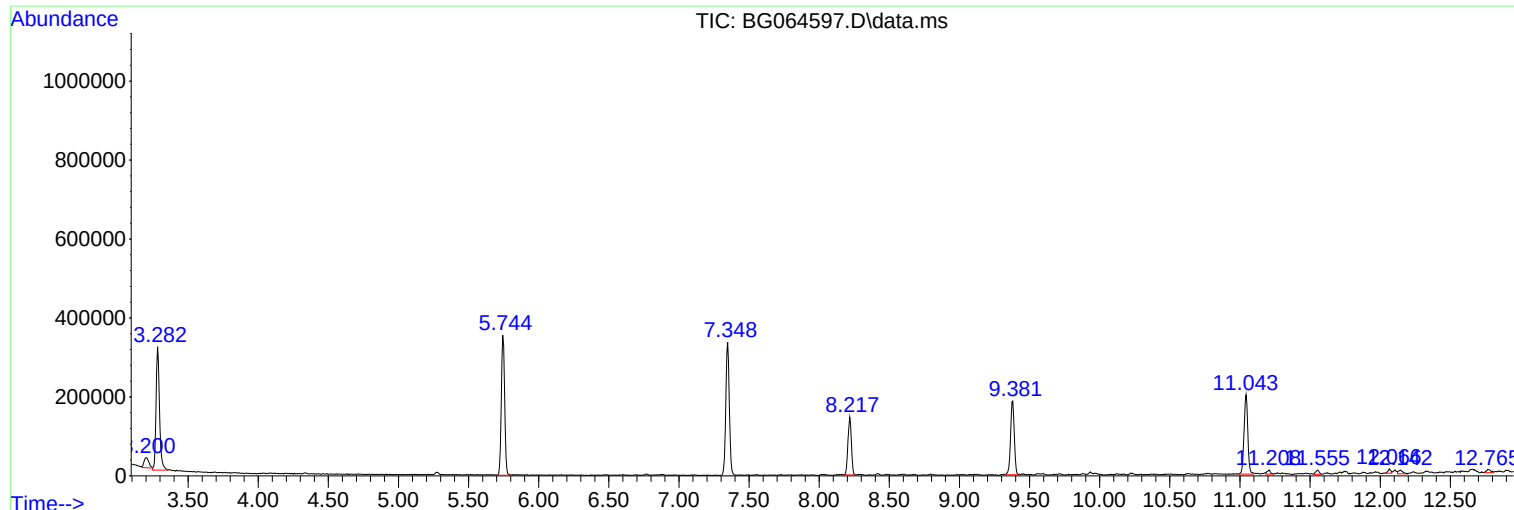
Sum of corrected areas: 10523439

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

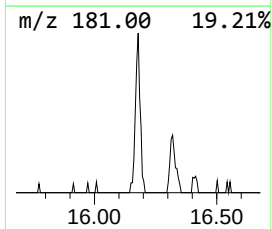
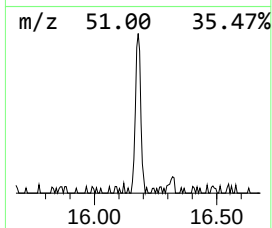
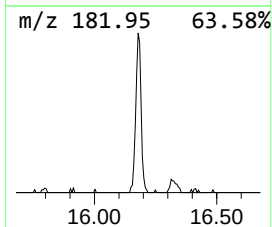
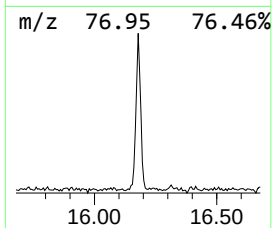
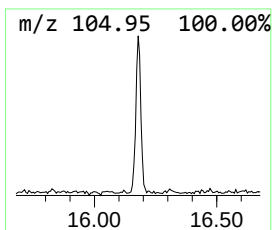
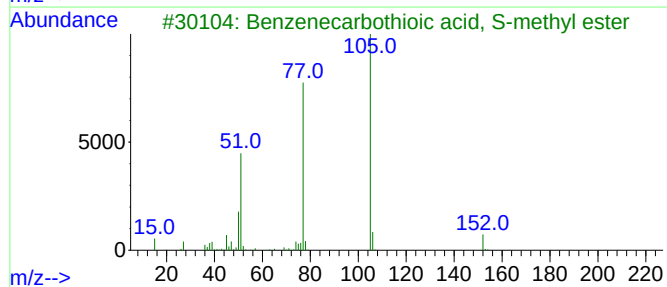
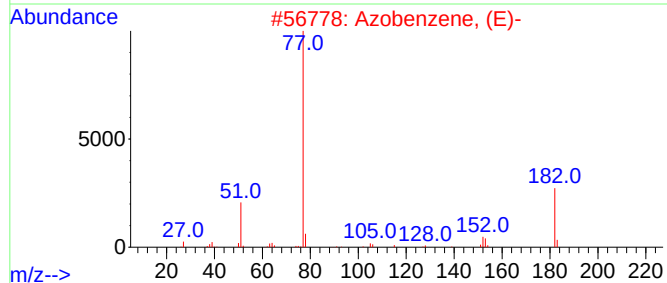
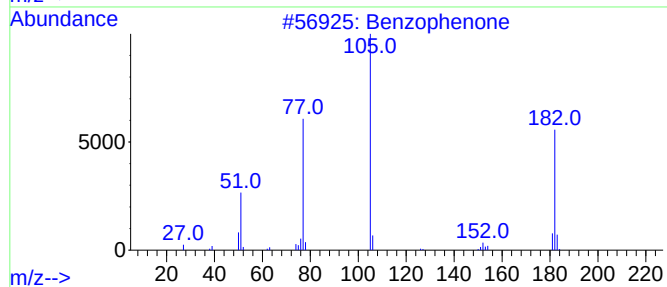
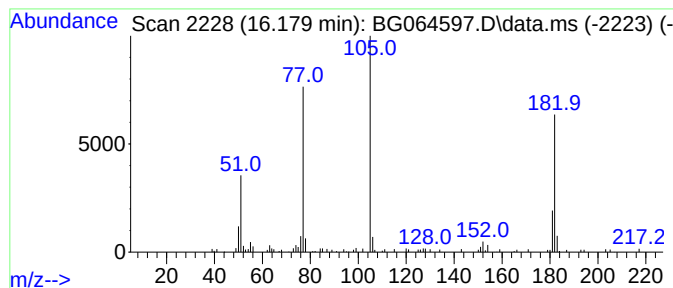
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.179	2.92 ng	86456	Acenaphthene-d10	14.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene, (E)-	182	C12H10N2	017082-12-1	64
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
5			2-(2-Nitrophenyl)-1-phenylethan...	241	C14H11NO3	1000482-55-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

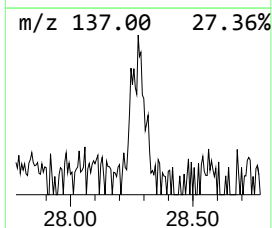
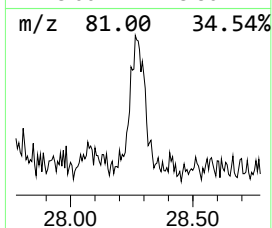
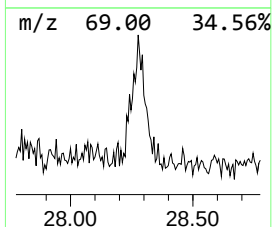
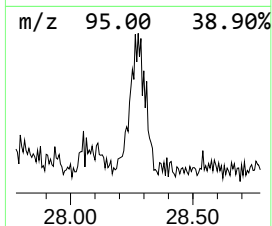
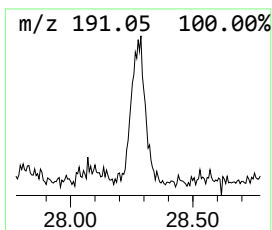
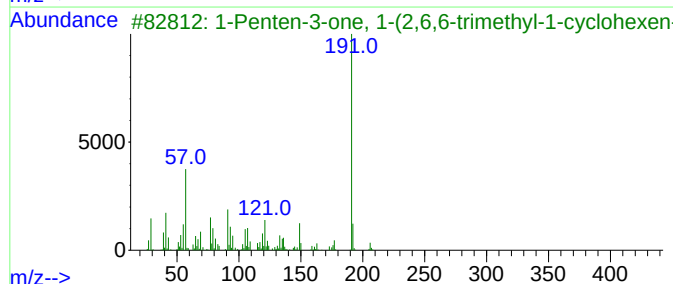
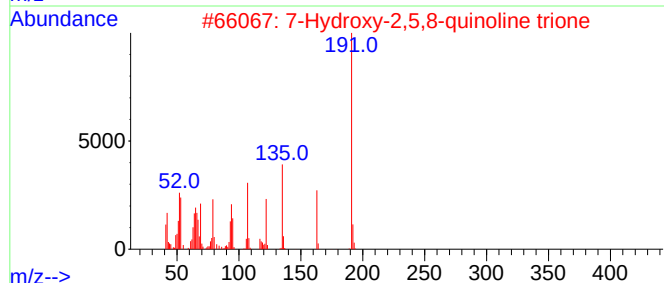
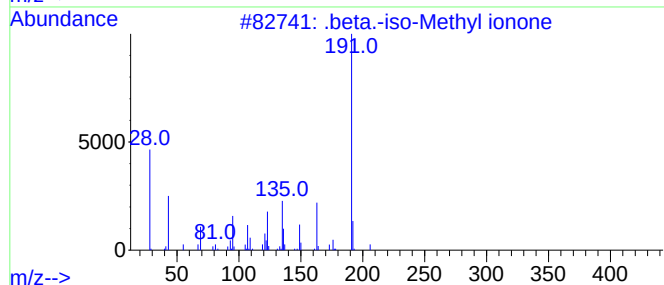
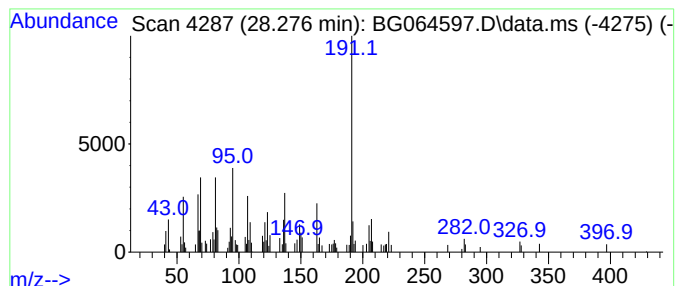
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.276	3.76 ng	145025	Perylene-d12	25.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	86
2		7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	47
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
4		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	45
5		4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Benzophenone	16.179	2.9	ng	86456	3	14.839	592501	20.0
.beta.-iso-Meth...	28.276	3.8	ng	145025	6	25.186	771486	20.0



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Oct 24 16:40:26 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG064575.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85	
3)	Pyridine	1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84	
4)	n-Nitrosodimet...		0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08	
5) S	2-Fluorophenol	1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09	
6)	Aniline	2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28	
7) S	Phenol-d6	1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55	
8)	2-Chlorophenol	1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65	
9)	Benzaldehyde		0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09	
10) C	Phenol	1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36	
11)	bis(2-Chloroet...	2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28	
12)	1,3-Dichlorobe...	1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62	
13) C	1,4-Dichlorobe...	1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21	
14)	1,2-Dichlorobe...	1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97	
15)	Benzyl Alcohol		1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97	
16)	2,2'-oxybis(1-...	3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74	
17)	2-Methylphenol	0.548	0.670	0.646	0.745	0.677	0.793	0.638	0.674	11.71	
18)	Hexachloroethane	0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41	
19) P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)	3+4-Methylphenols		1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04	
23) S	Nitrobenzene-d5	0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02	
24)	Nitrobenzene	0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64	
25)	Isophorone	0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25	
26) C	2-Nitrophenol	0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20	
27)	2,4-Dimethylph...	0.236	0.294	0.285	0.335	0.309	0.359	0.303	0.303	12.88	
28)	bis(2-Chloroet...	0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48	
29) C	2,4-Dichloroph...	0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34	
30)	1,2,4-Trichlor...	0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44	
31)	Naphthalene	1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96	
32)	Benzoic acid		0.100	0.143	0.204	0.215	0.245	0.229	0.189	29.61	
33)	4-Chloroaniline	0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29	
34) C	Hexachlorobuta...	0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33	
35)	Caprolactam		0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85	
36) C	4-Chloro-3-met...	0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18	
37)	2-Methylnaphth...	0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74	
38)	1-Methylnaphth...	0.764	0.849	0.776	0.853	0.752	0.878	0.735	0.801	7.18	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG102425.M

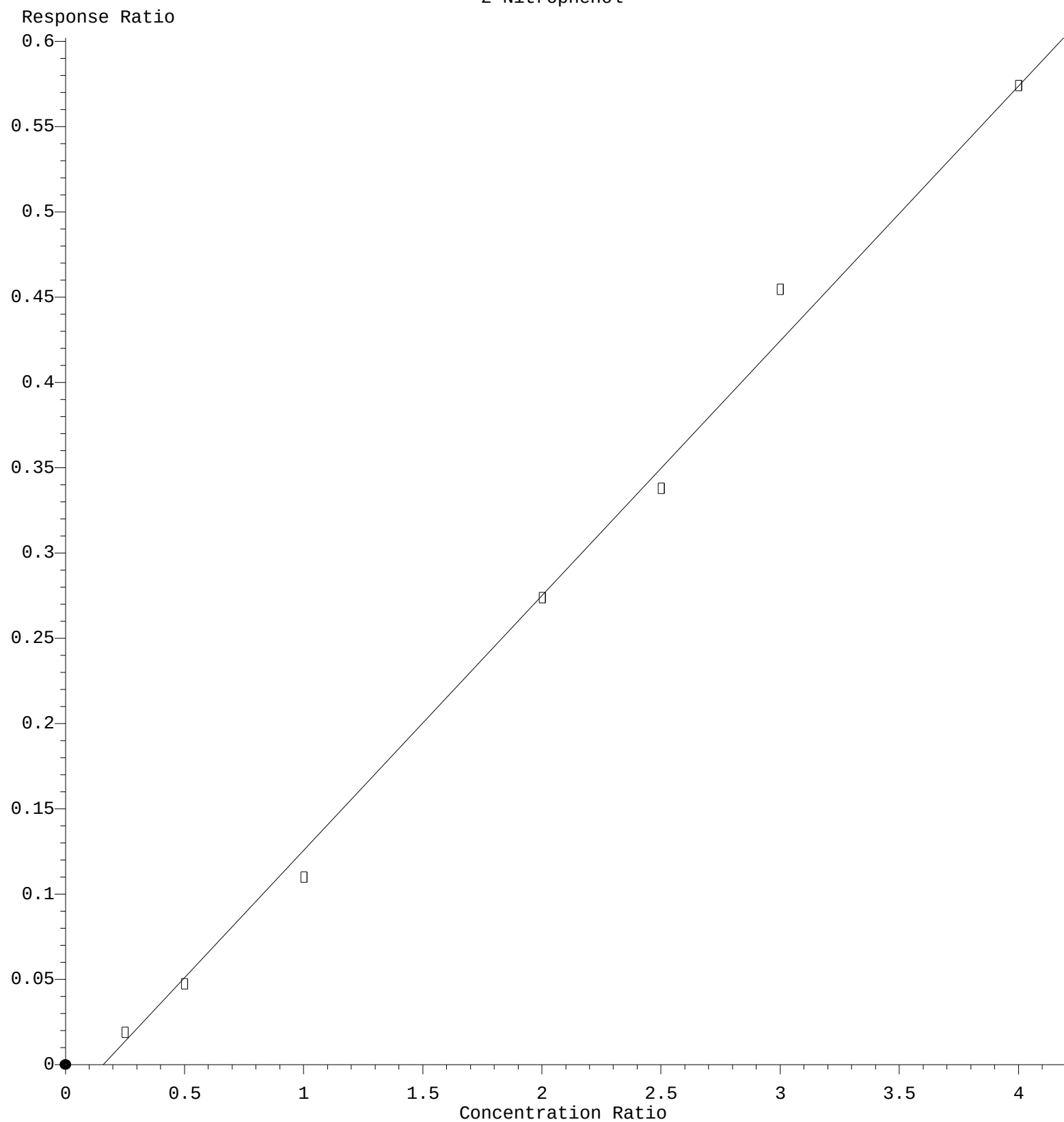
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55	
41) P	Hexachlorocycl...	0.268	0.279	0.324	0.297	0.340	0.305	0.302		8.97	
42) S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04	
43) C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41	
44)	2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48	
45) S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24	
46)	1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98	
47)	2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71	
48)	2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06	
49)	Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30	
50)	Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21	
51)	2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69	
52) C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63	
53)	3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70	
54) P	2,4-Dinitrophenol	0.086	0.110	0.137	0.139	0.165	0.154	0.132		22.11	
55)	Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96	
56) P	4-Nitrophenol	0.191	0.213	0.261	0.250	0.283	0.267	0.244		14.40	
57)	2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67	
58)	Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38	
59)	2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04	
60)	Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06	
61)	4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38	
62)	4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55	
63)	Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.055	0.064	0.083	0.083	0.097	0.093	0.079		21.00	
66) c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79	
67)	4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28	
68)	Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99	
69)	Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27	
70) C	Pentachlorophenol	0.132	0.152	0.180	0.172	0.199	0.177	0.169		13.91	
71)	Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17	
72)	Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17	
73)	Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90	
74)	Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11	
75) C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.392	0.475	0.490	0.416	0.533	0.383	0.448		13.40	
78)	Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24	
79) S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21	
80)	Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43	
81)	Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71	
82)	3,3'-Dichlorob...	0.418	0.428	0.477	0.424	0.486	0.424	0.443		6.88	
83)	Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76	
84)	Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95	
85) c	Di-n-octyl pht...	0.871	0.932	1.087	0.976	1.117	0.986	0.995		9.32	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)	Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)	Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90) C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)	Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)	Benzo(g,h,i)pe...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80

(#) = Out of Range

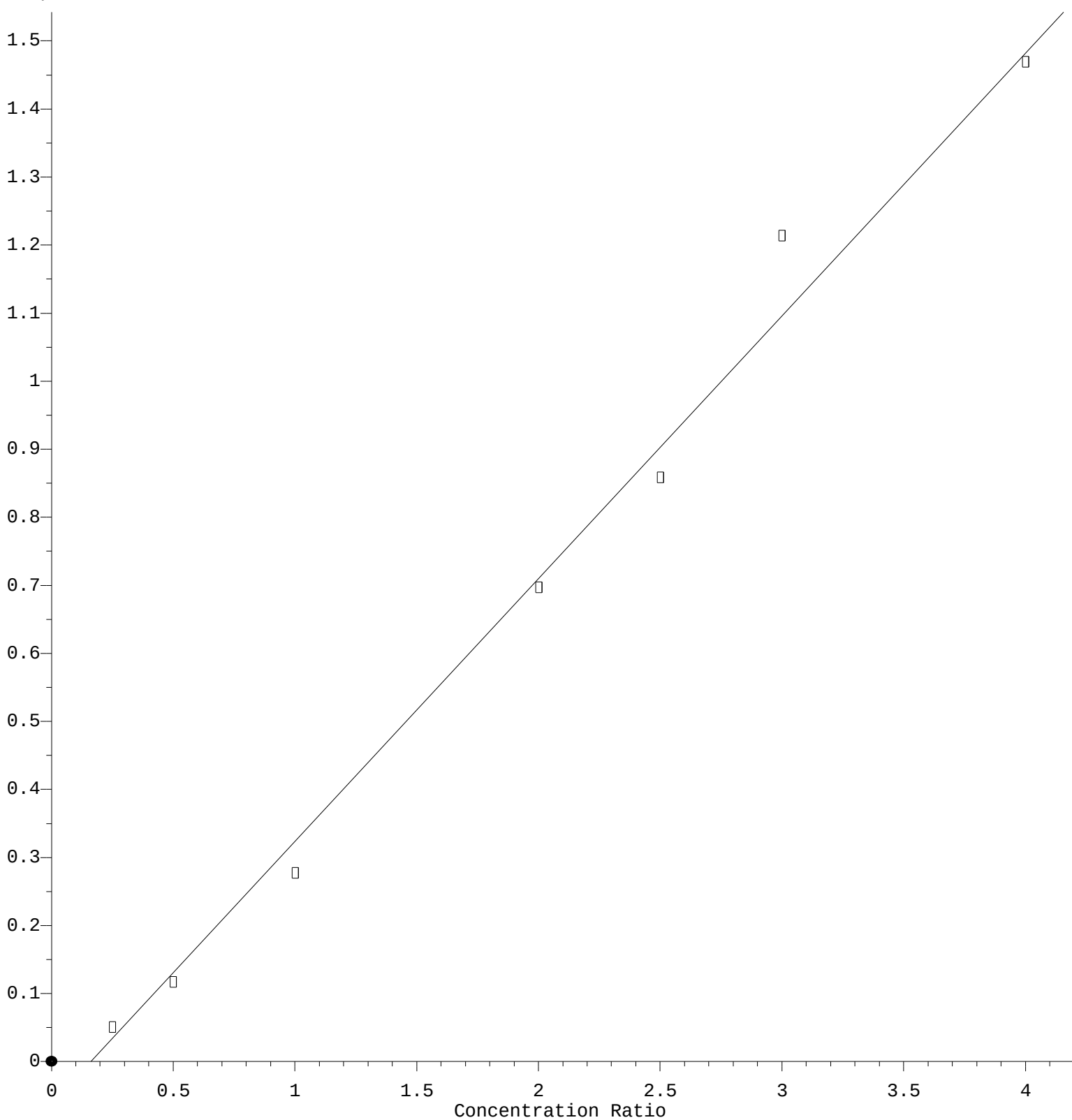
2-Nitrophenol



Response = 1.495e-001 * Amt - 2.340e-002
 Coef of Det (r^2)= 0.995585 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.863\text{e-}001 * \text{Amt} - 6.228\text{e-}002$$

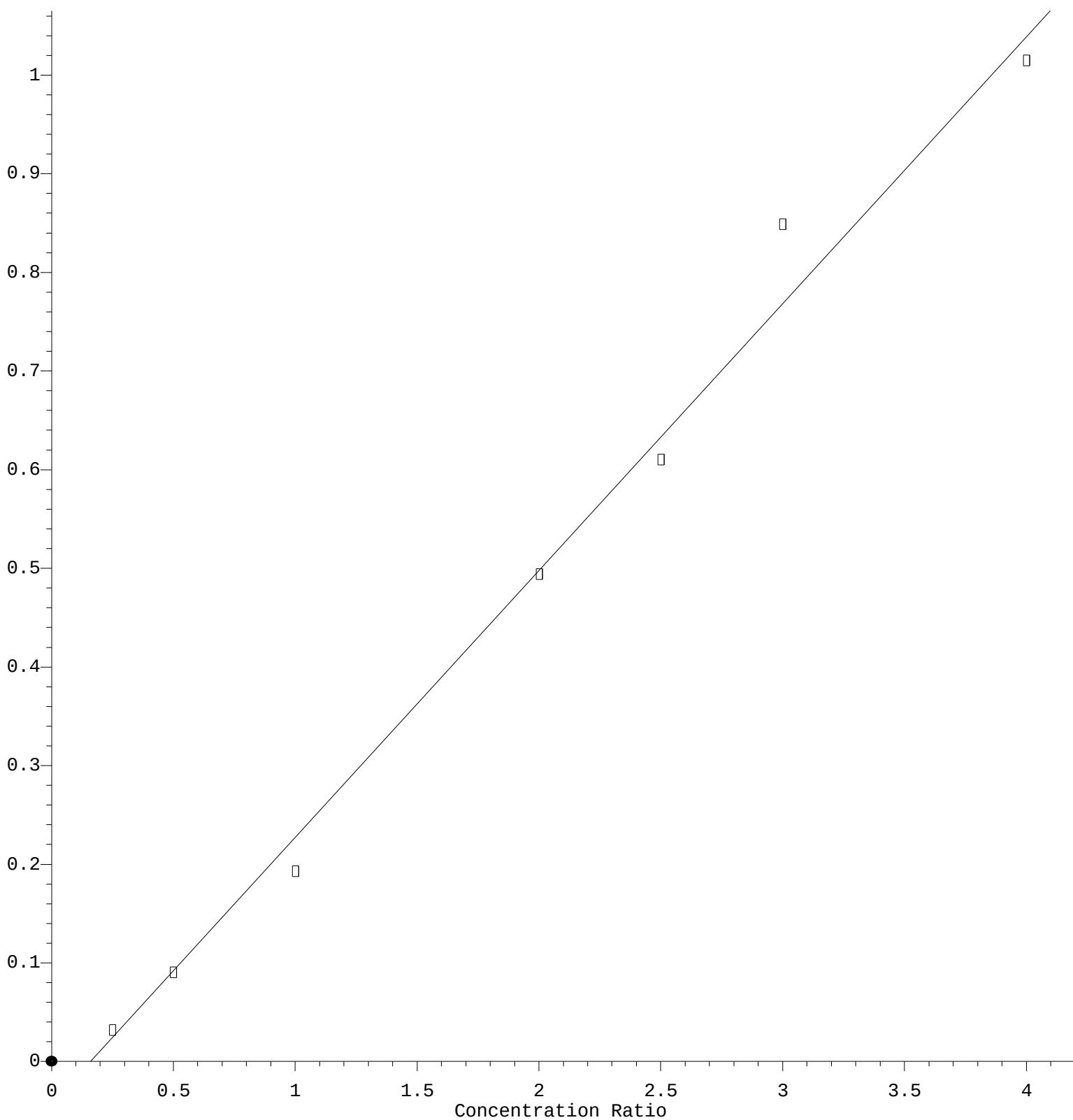
Coef of Det (r^2) = 0.991893 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.705\text{e-}001 * \text{Amt} - 4.319\text{e-}002$$

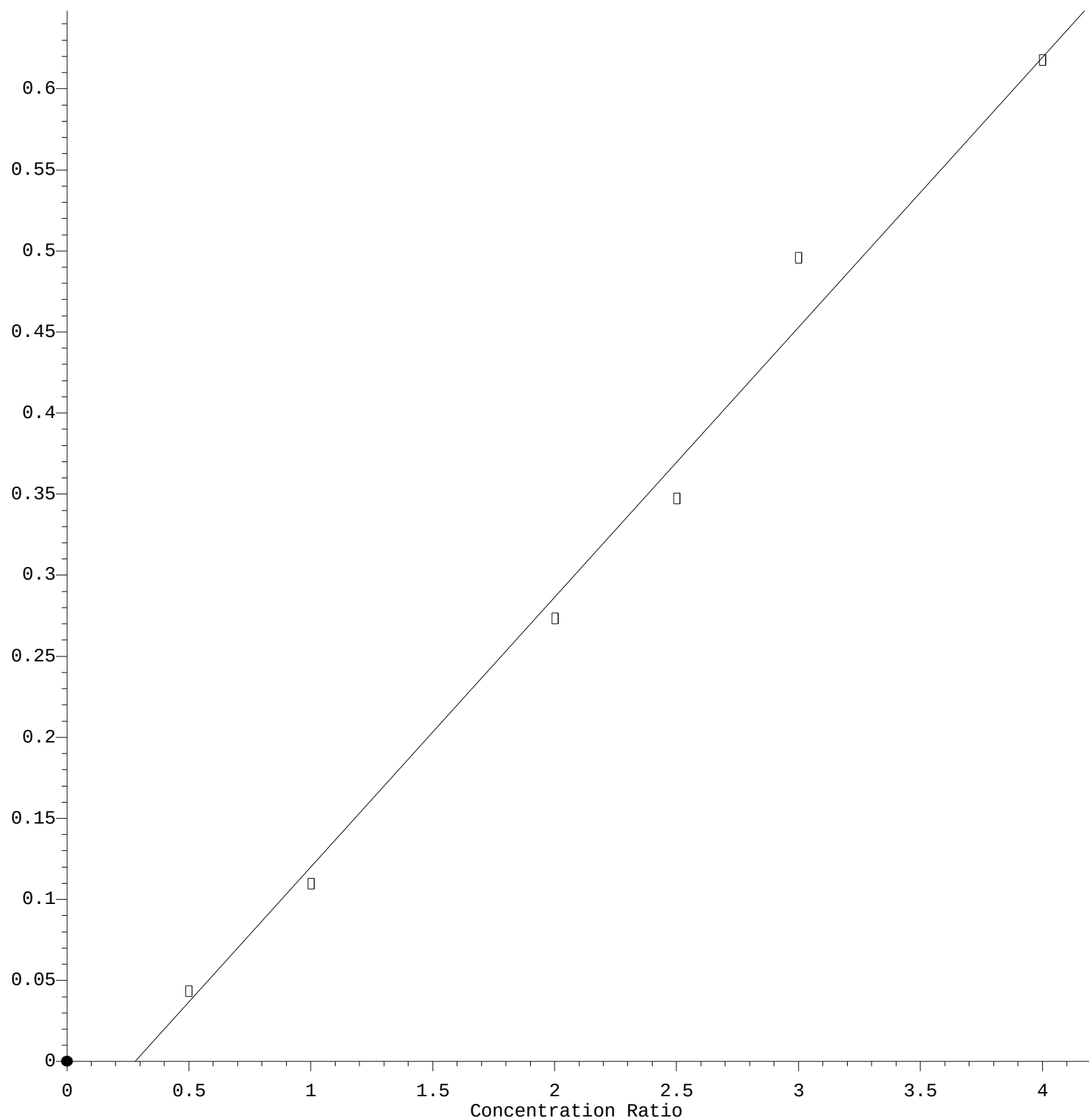
Coef of Det (r^2) = 0.992850 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2,4-Dinitrophenol

Response Ratio



$$\text{Response} = 1.666\text{e-}001 * \text{Amt} - 4.640\text{e-}002$$

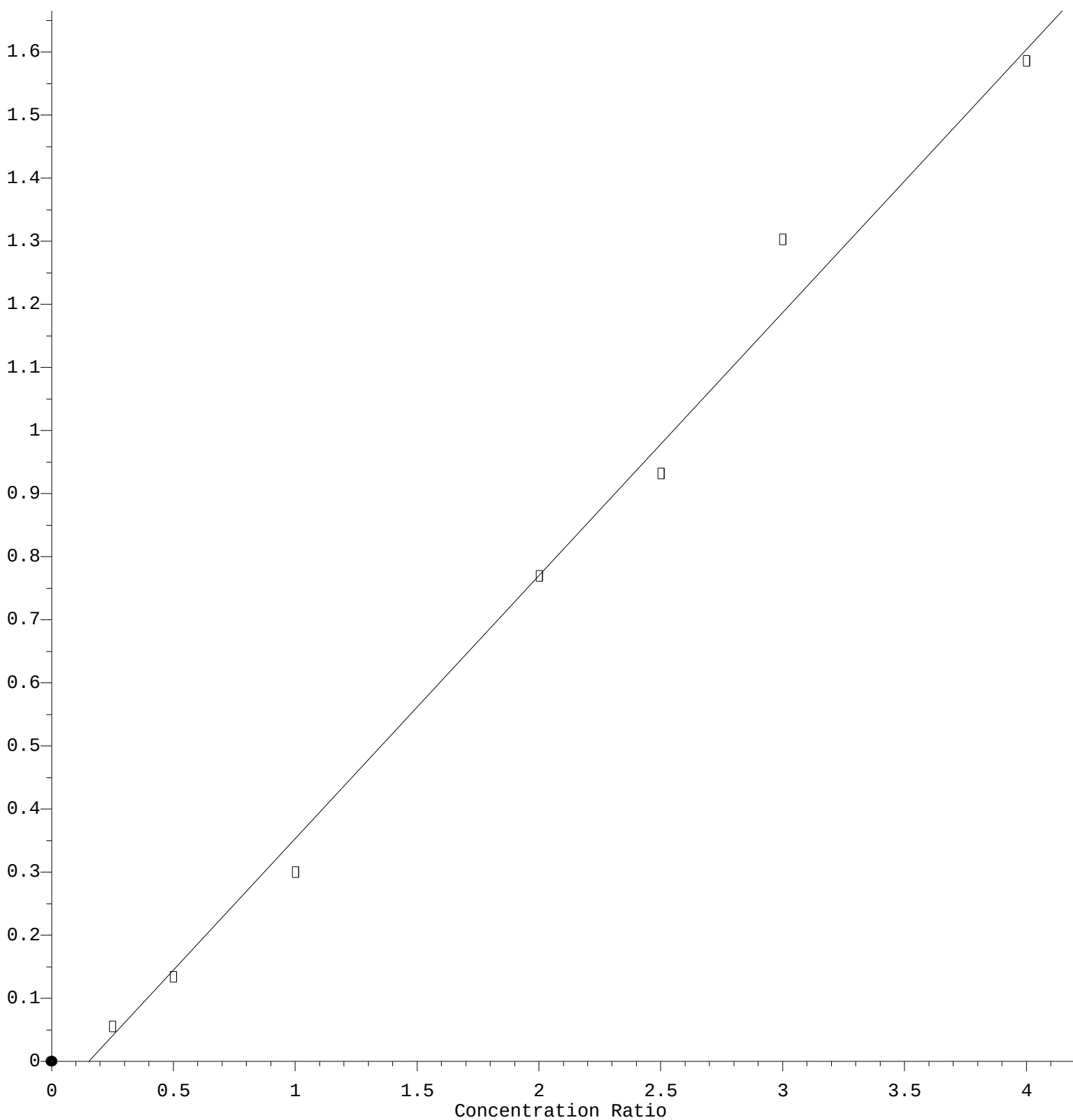
Coef of Det (r^2) = 0.992196 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

2,4-Dinitrotoluene

Response Ratio



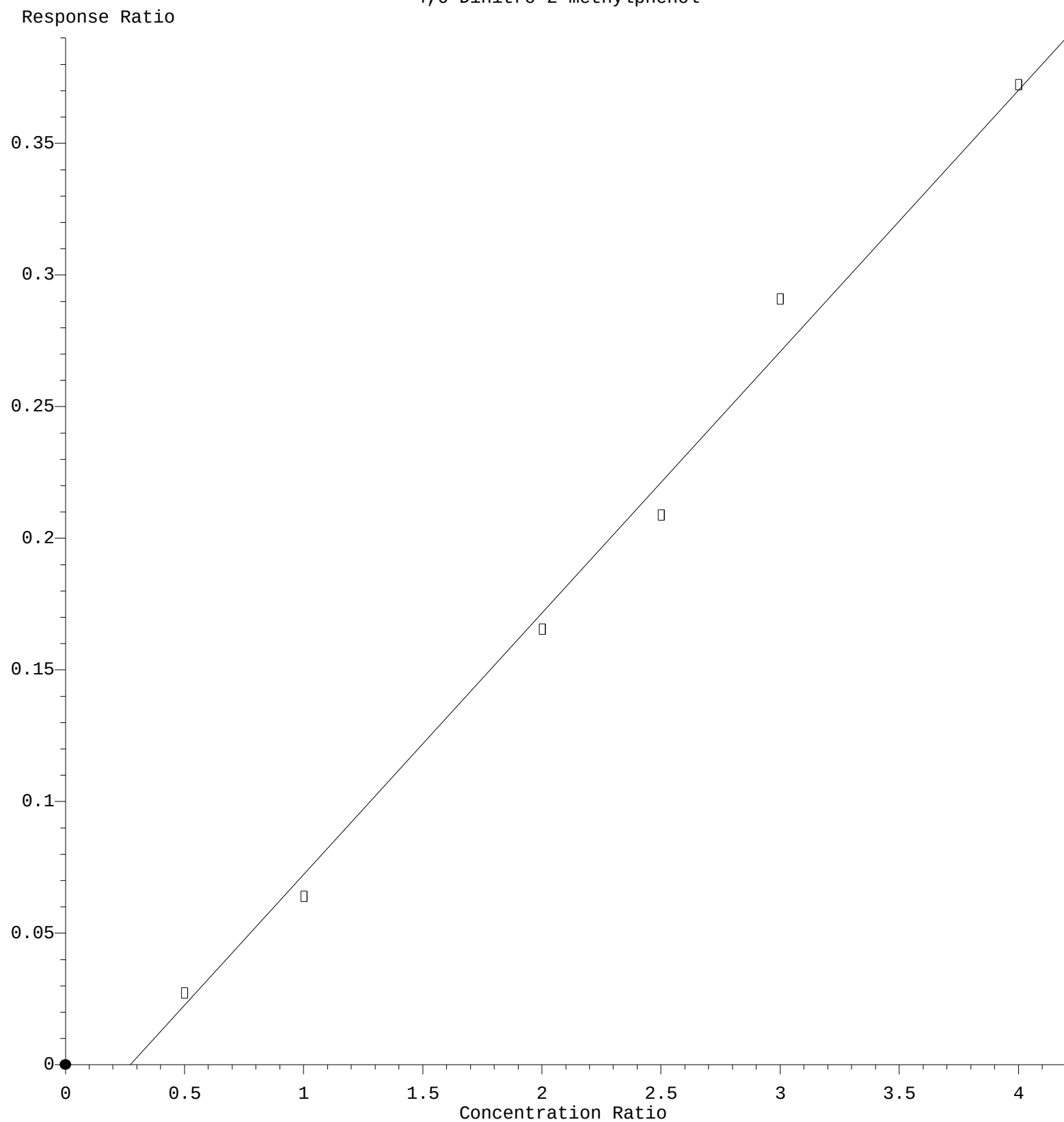
$$\text{Response} = 4.169\text{e-}001 * \text{Amt} - 6.360\text{e-}002$$

Coef of Det (r^2) = 0.992833 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

4,6-Dinitro-2-methylphenol



Response = $9.922 \times 10^{-2} \times \text{Amt} - 2.692 \times 10^{-2}$
Coef of Det (r^2) = 0.993360 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Calibration Table Last Updated: Fri Oct 24 16:40:26 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064569.D
 Acq On : 24 Oct 2025 9:00
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Oct 24 17:10:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

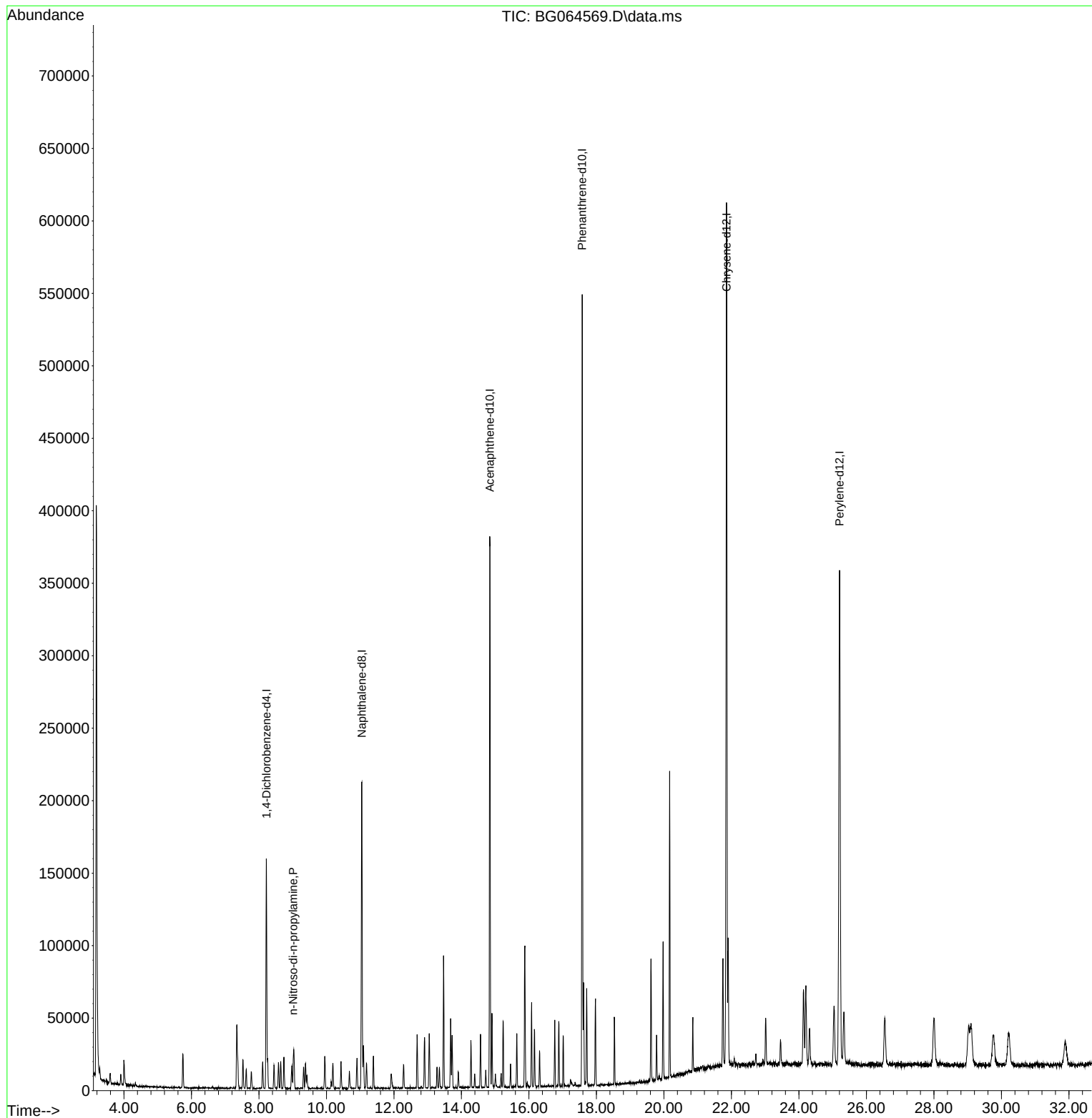
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	25.203	264	398350	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...	9.016	70	5707	2.310	ng	Qvalue # 90

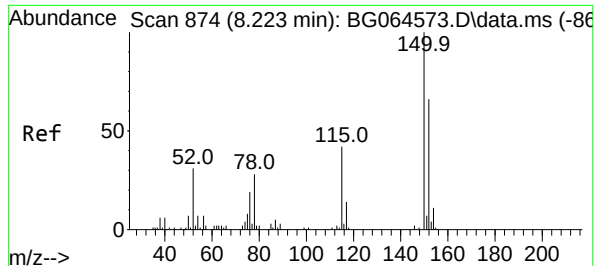
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064569.D
Acq On : 24 Oct 2025 9:00
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

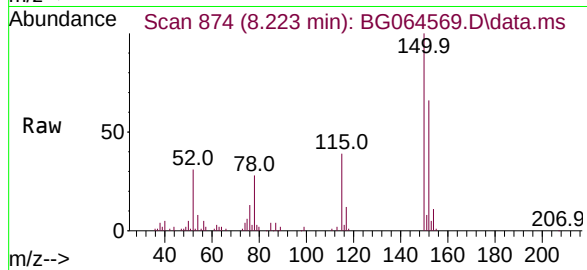
Quant Time: Oct 24 17:10:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



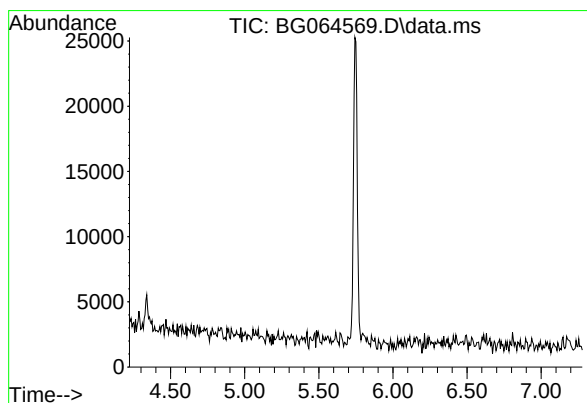
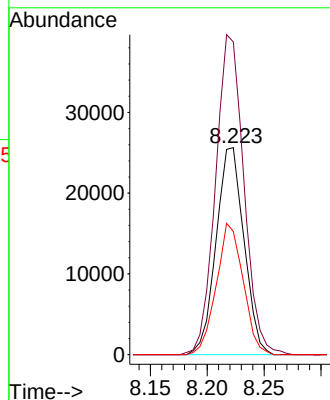
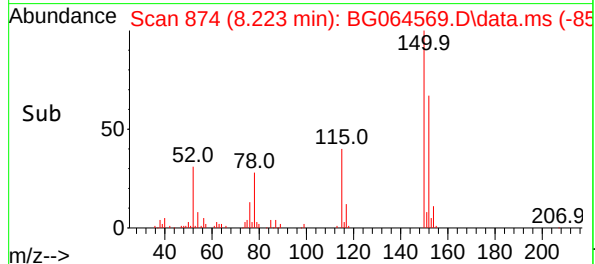


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



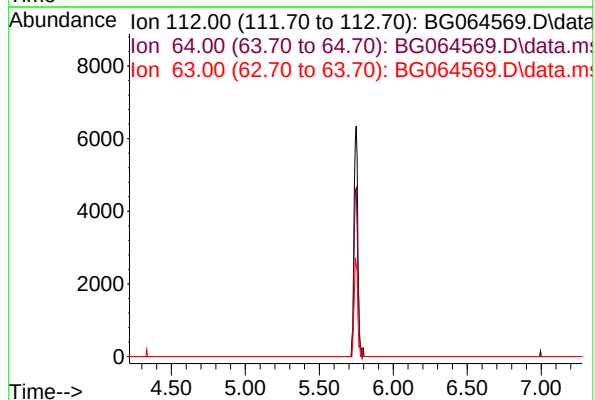
Tgt Ion:152 Resp: 43718
Ion Ratio Lower Upper
152 100
150 151.2 122.2 183.4
115 59.5 50.8 76.2



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.75 min

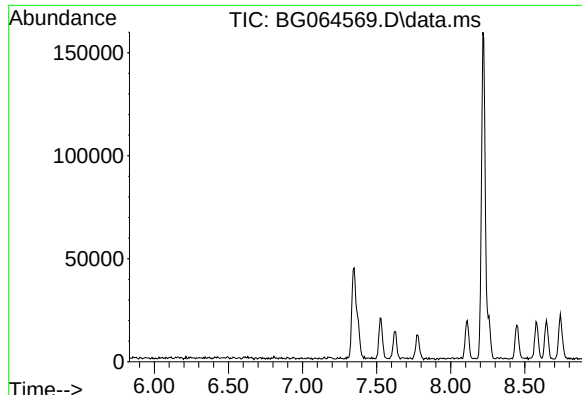
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 112
Sig Exp Ratio
112 100
64 75.9
63 41.7



Ion 64.00 (63.70 to 64.70): BG064569.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064569.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.36 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

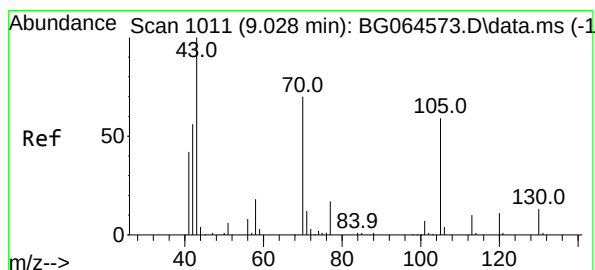
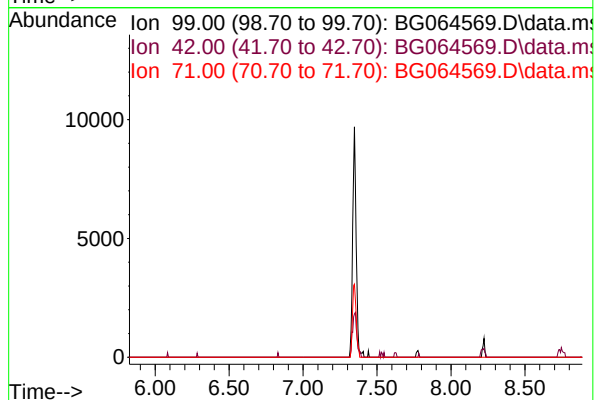
Tgt Ion: 99

Sig Exp Ratio

99 100

42 22.9

71 35.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.310 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.015 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Tgt Ion: 70 Resp: 5707

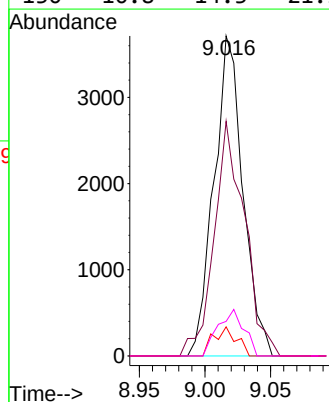
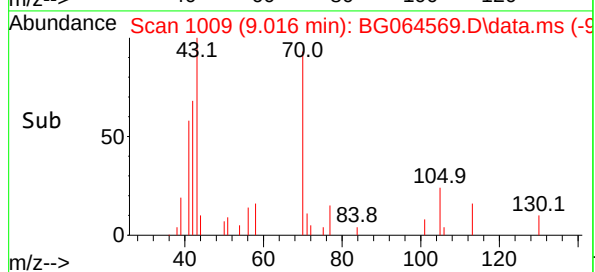
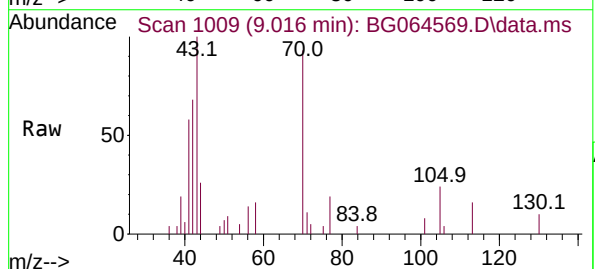
Ion Ratio Lower Upper

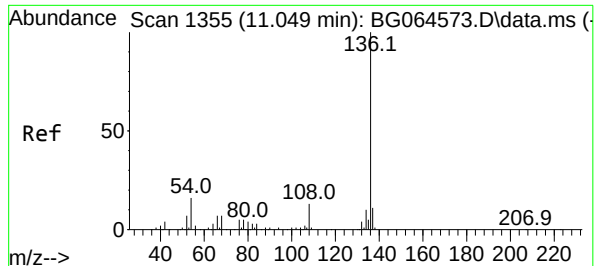
70 100

42 73.3 65.2 97.8

101 9.1 7.9 11.9

130 10.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.049 min Scan# 1355

Delta R.T. -0.004 min

Lab File: BG064569.D

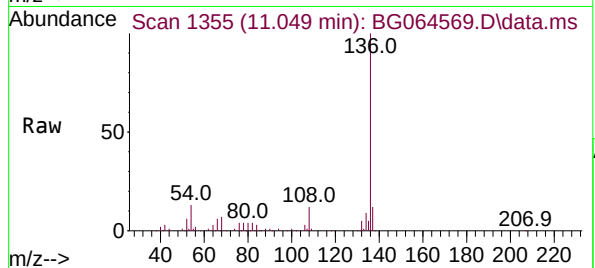
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 174680

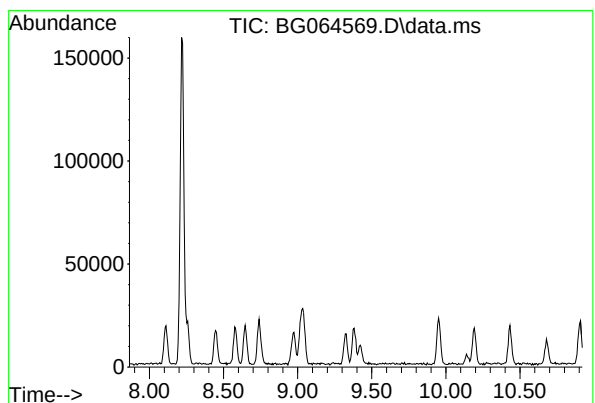
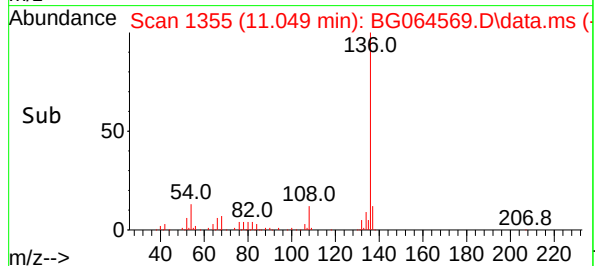
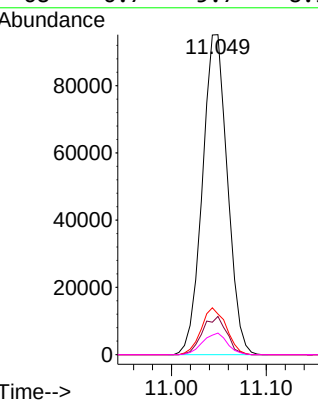
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 12.7 12.6 19.0

68 6.7 5.7 8.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.39 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

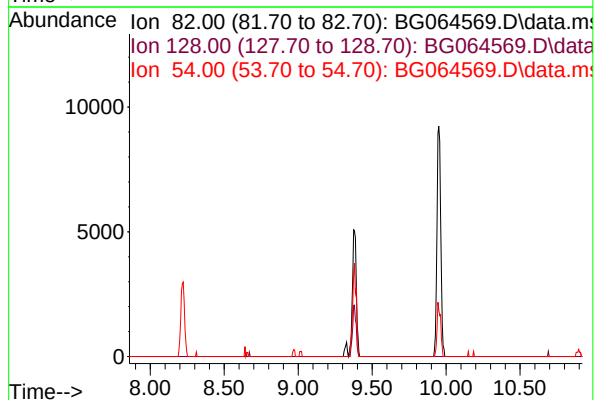
Tgt Ion: 82

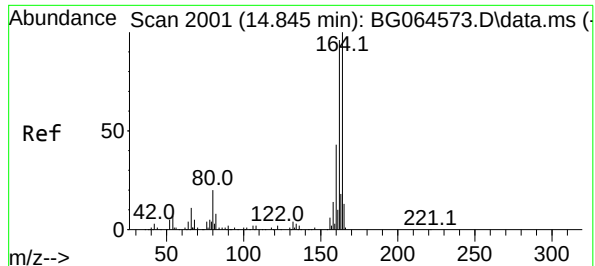
Sig Exp Ratio

82 100

128 39.1

54 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG064569.D

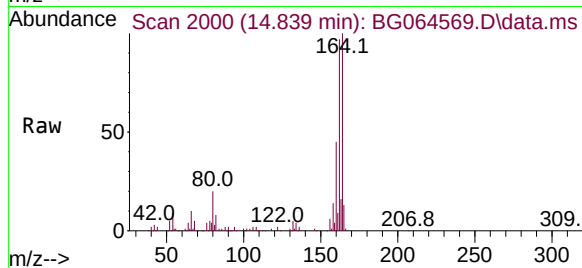
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

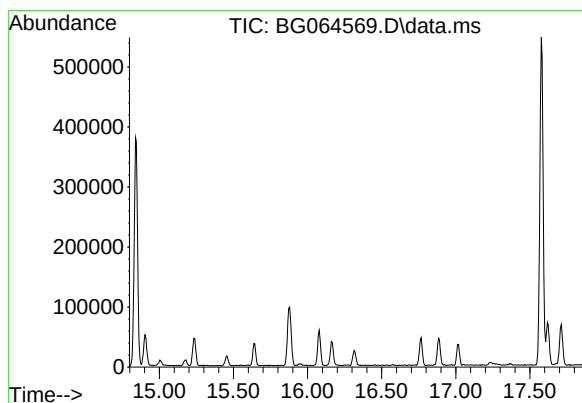
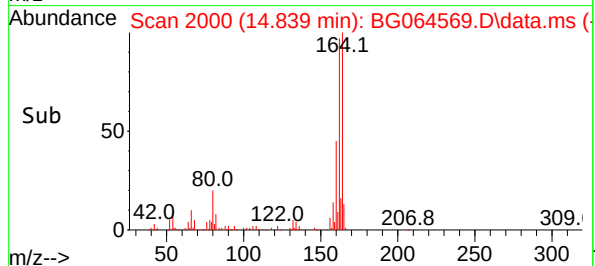
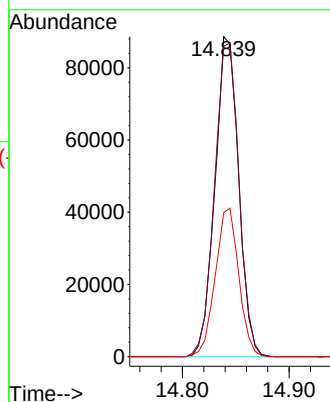
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 136814

Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.0	115.6
160	45.0	34.4	51.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

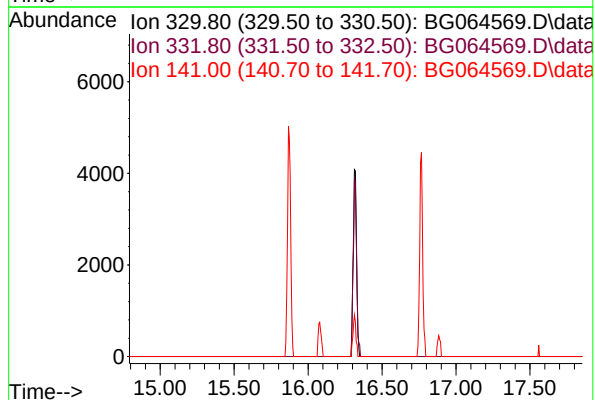
Expected RT: 16.32 min

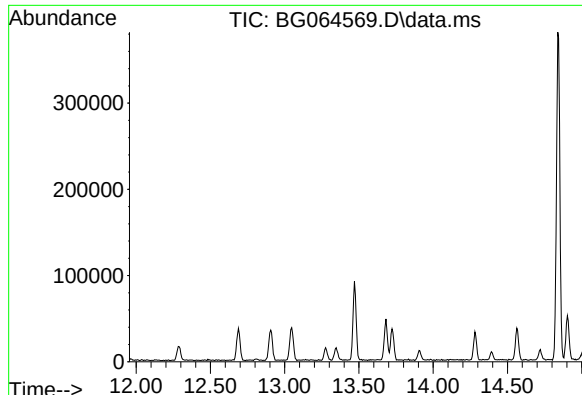
Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	27.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.48 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

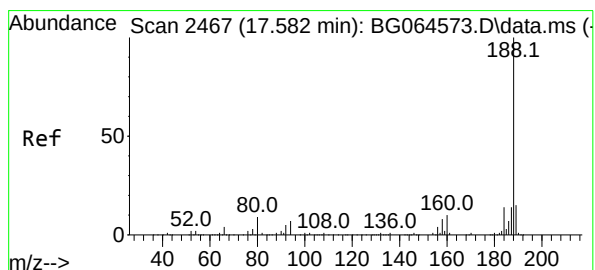
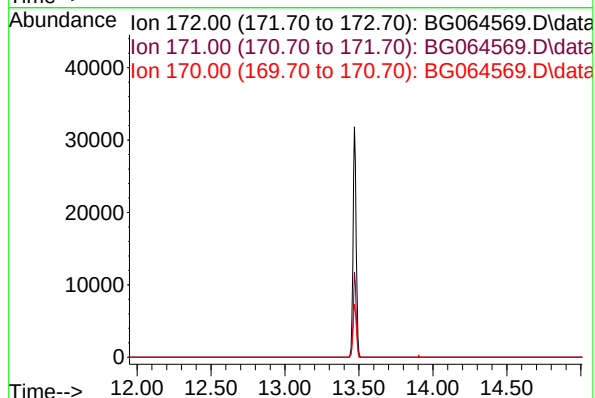
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.7

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.577 min Scan# 2466

Delta R.T. -0.003 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

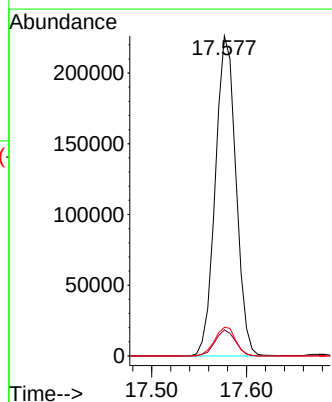
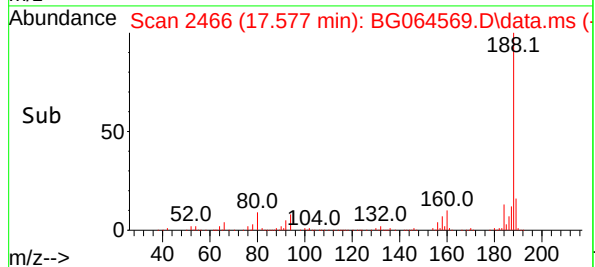
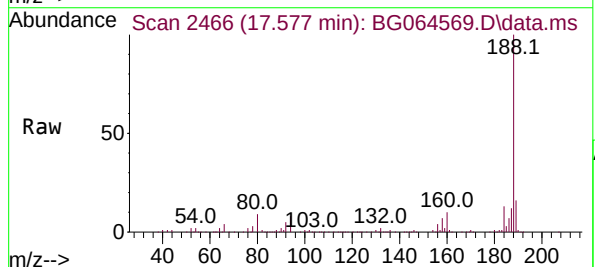
Tgt Ion:188 Resp: 341404

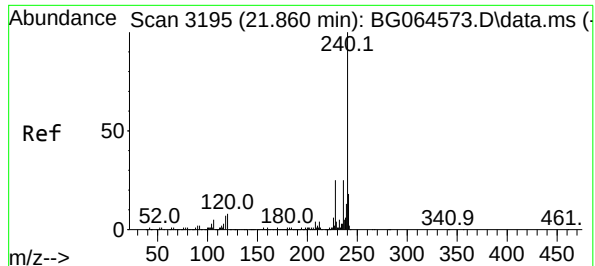
Ion Ratio Lower Upper

188 100

94 8.1 5.7 8.5

80 8.9 6.8 10.2

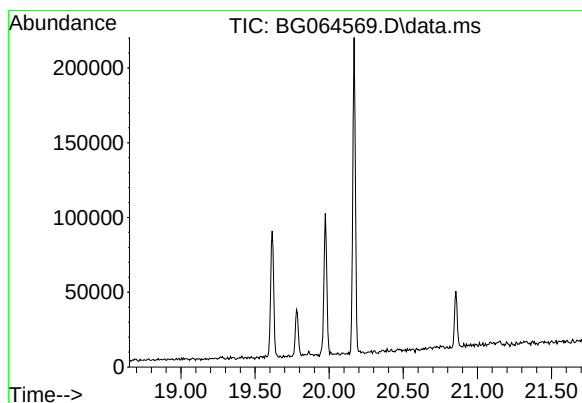
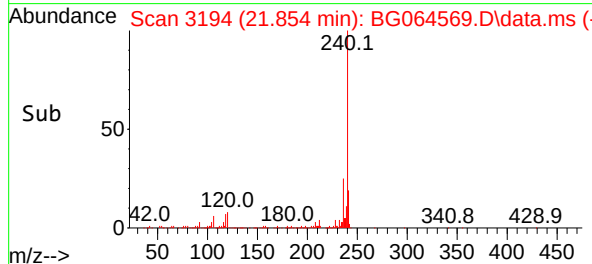
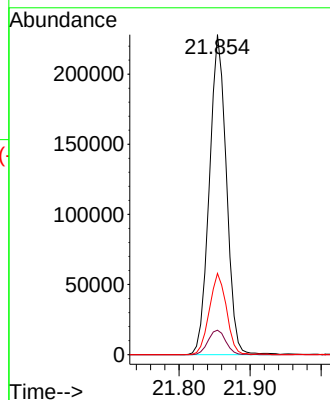
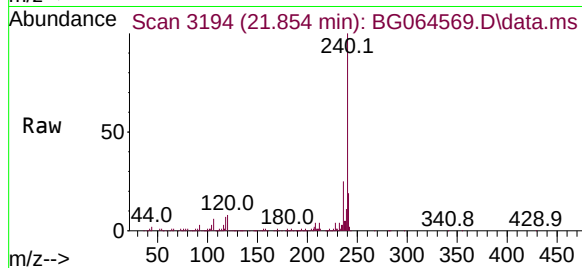




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

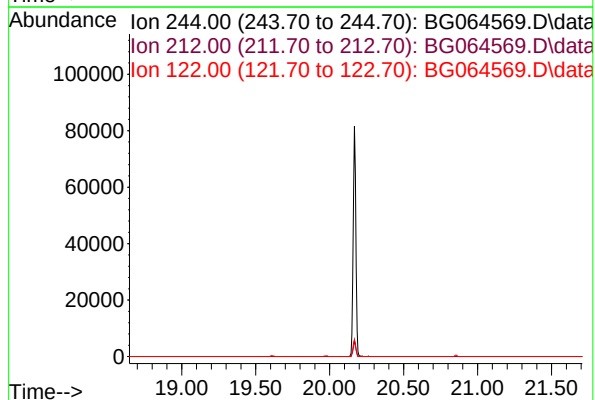
Tgt Ion:240 Resp: 378586
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2

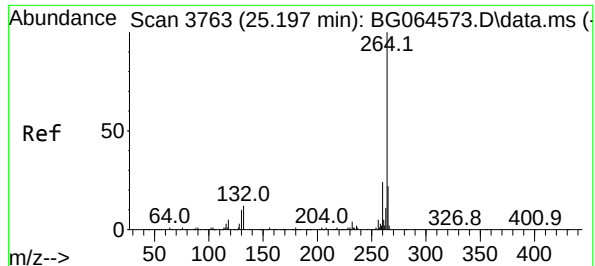


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.18 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.6
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064569.D

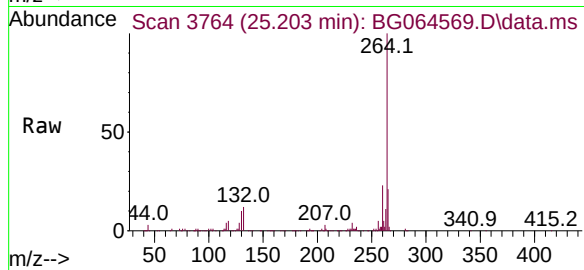
Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



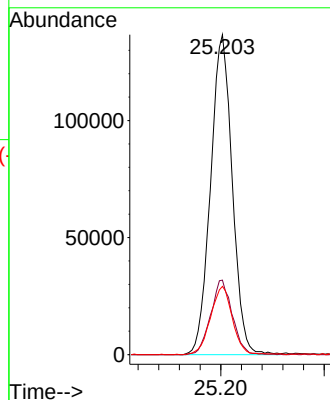
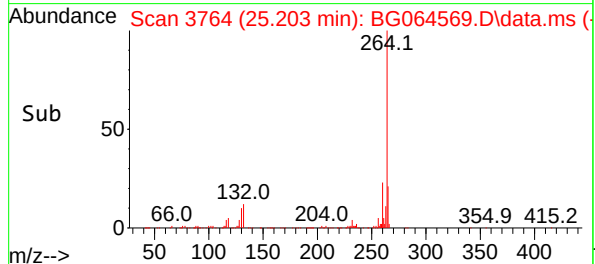
Tgt Ion:264 Resp: 398350

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.3 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

10/27/2025

Supervised By :Jagrut
 Upadhyay

10/27/2025

Quant Time: Oct 24 17:10:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40837	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.840	164	131387	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	331372	20.000	ng	0.00
76) Chrysene-d12	21.856	240	381389	20.000	ng	0.00
86) Perylene-d12	25.199	264	401350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	22421	9.216	ng	0.00
7) Phenol-d6	7.349	99	30003	8.987	ng	0.00
23) Nitrobenzene-d5	9.382	82	20097	7.173	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	14514	7.654	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	86089	9.932	ng	0.00
79) Terphenyl-d14	20.169	244	204719	10.130	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	5823	5.406	ng	95
3) Pyridine	4.000	79	16637	5.143	ng	89
6) Aniline	7.525	93	22494	4.952	ng	98
8) 2-Chlorophenol	7.778	128	10732	4.214	ng	96
10) Phenol	7.373	94	16995	4.603	ng	96
11) bis(2-Chloroethyl)ether	7.525	93	22494	4.952	ng	96
12) 1,3-Dichlorobenzene	8.113	146	14650	4.998	ng	93
13) 1,4-Dichlorobenzene	8.260	146	14611m	4.903	ng	
14) 1,2-Dichlorobenzene	8.583	146	13994	4.868	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.736	45	34925	4.905	ng	97
17) 2-Methylphenol	8.442	107	5591	4.063	ng	92
18) Hexachloroethane	9.329	117	4773	4.564	ng	97
19) n-Nitroso-di-n-propyla...	9.024	70	10596	4.592	ng	92
22) Acetophenone	9.035	105	22505	4.892	ng	# 92
24) Nitrobenzene	9.423	77	11526	3.782	ng	# 95
25) Isophorone	9.946	82	31609	4.701	ng	# 93
26) 2-Nitrophenol	10.140	139	3186	5.664	ng	99
27) 2,4-Dimethylphenol	10.193	122	9925	3.891	ng	92
28) bis(2-Chloroethoxy)met...	10.434	93	18999	4.963	ng	95
29) 2,4-Dichlorophenol	10.680	162	10223	3.798	ng	89
30) 1,2,4-Trichlorobenzene	10.904	180	14238	4.656	ng	97
31) Naphthalene	11.098	128	45559	4.883	ng	98
33) 4-Chloroaniline	11.186	127	16429	4.530	ng	93
34) Hexachlorobutadiene	11.391	225	11212	4.688	ng	95
36) 4-Chloro-3-methylphenol	12.290	107	13604	4.205	ng	94
37) 2-Methylnaphthalene	12.690	142	32129	4.690	ng	97
38) 1-Methylnaphthalene	12.901	142	33515m	4.972	ng	
40) 1,2,4,5-Tetrachloroben...	13.048	216	21576	4.893	ng	99
43) 2,4,6-Trichlorophenol	13.277	196	9650	3.826	ng	93
44) 2,4,5-Trichlorophenol	13.342	196	11151	3.831	ng	# 91
46) 1,1'-Biphenyl	13.683	154	47840	5.122	ng	95
47) 2-Chloronaphthalene	13.724	162	34977	4.961	ng	96
48) 2-Nitroaniline	13.906	65	6601	5.826	ng	87
49) Acenaphthylene	14.564	152	54748	4.923	ng	98
50) Dimethylphthalate	14.282	163	45639	4.540	ng	98
51) 2,6-Dinitrotoluene	14.394	165	4161	5.535	ng	# 91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064570.D
 Acq On : 24 Oct 2025 9:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

10/27/2025

Supervised By :Jagrut
 Upadhyay

10/27/2025

Quant Time: Oct 24 17:10:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) Acenaphthene	14.905	154	36982	4.867	ng		96
53) 3-Nitroaniline	14.717	138	5903	3.417	ng	#	96
55) Dibenzofuran	15.234	168	61779	5.029	ng		97
57) 2,4-Dinitrotoluene	15.175	165	7312	5.721	ng	#	80
58) Fluorene	15.880	166	48305	5.035	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	10241	3.679	ng	#	95
60) Diethylphthalate	15.639	149	46534	4.533	ng		98
61) 4-Chlorophenyl-phenyle...	15.874	204	26270	4.880	ng		97
62) 4-Nitroaniline	15.869	138	6383	3.321	ng		90
63) Azobenzene	16.162	77	44729	4.749	ng		98
66) n-Nitrosodiphenylamine	16.080	169	42291	4.725	ng		98
67) 4-Bromophenyl-phenylether	16.762	248	18064	4.600	ng		95
68) Hexachlorobenzene	16.885	284	21076	4.705	ng		95
69) Atrazine	17.014	200	17783	4.616	ng		94
71) Phenanthrene	17.619	178	89771	4.954	ng		99
72) Anthracene	17.713	178	90063	4.886	ng		99
73) Carbazole	17.966	167	81350	5.005	ng		98
74) Di-n-butylphthalate	18.530	149	83713	4.454	ng		99
75) Fluoranthene	19.617	202	114724	5.054	ng		98
78) Pyrene	19.975	202	122676	4.923	ng		98
80) Butylbenzylphthalate	20.857	149	27072	3.595	ng		94
81) Benzo(a)anthracene	21.832	228	123345	4.878	ng		98
83) Chrysene	21.903	228	119080	4.949	ng		97
84) Bis(2-ethylhexyl)phtha...	21.750	149	46117	4.098	ng		98
87) Indeno(1,2,3-cd)pyrene	29.030	276	138758	4.700	ng	#	88
88) Benzo(b)fluoranthene	24.129	252	114203	4.640	ng		98
89) Benzo(k)fluoranthene	24.200	252	117893	4.787	ng		99
90) Benzo(a)pyrene	25.040	252	106414	4.704	ng		99
91) Dibenzo(a,h)anthracene	29.100	278	112398	4.686	ng		96
92) Benzo(g,h,i)perylene	29.030	276	138758	4.700	ng		96

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\  
Data File : BG064570.D  
Acq On    : 24 Oct 2025    9:41  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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Instrument :
BNA_G
ClientSampleId :
SSTDICC005

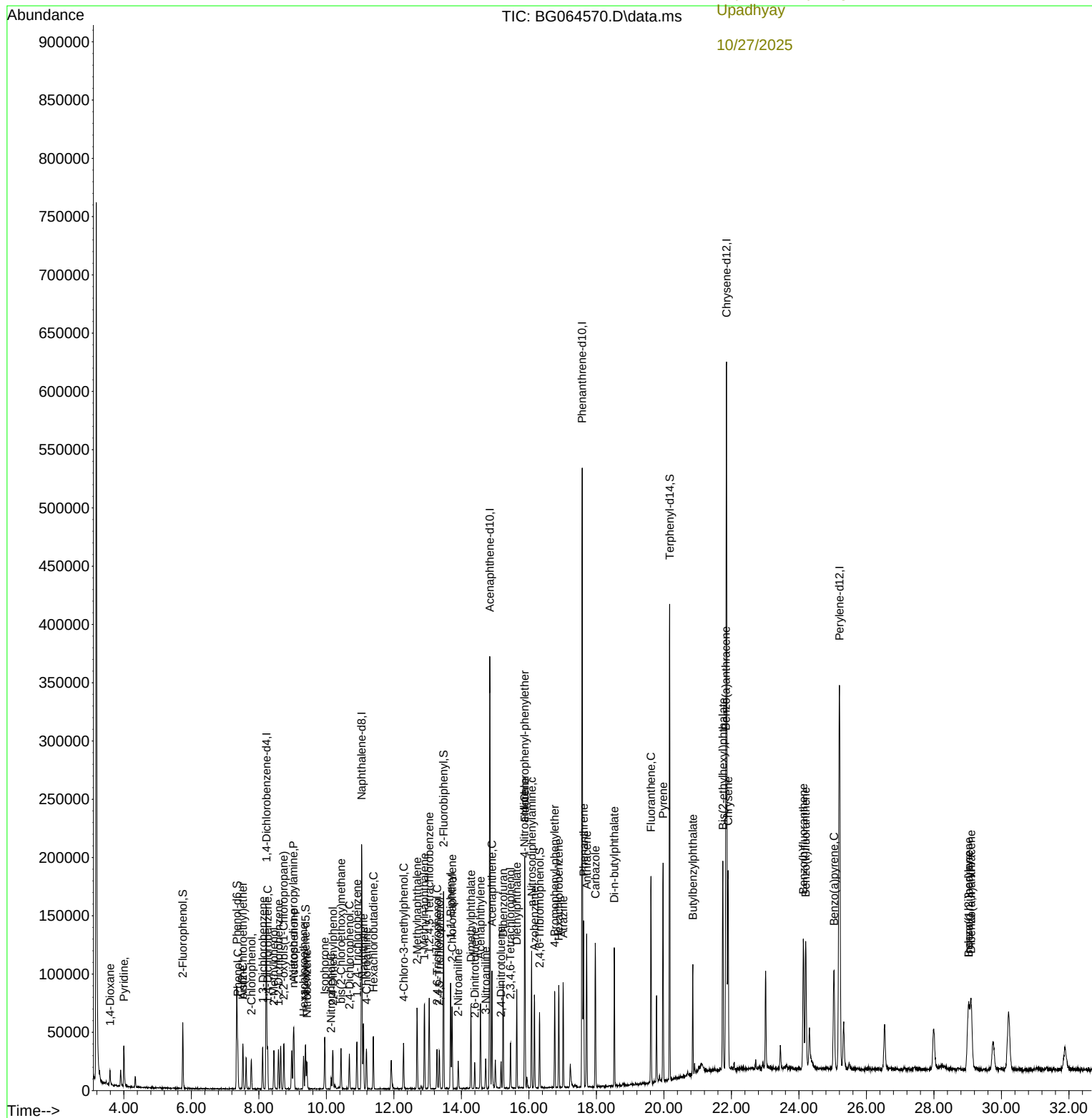
Manual Integrations APPROVED

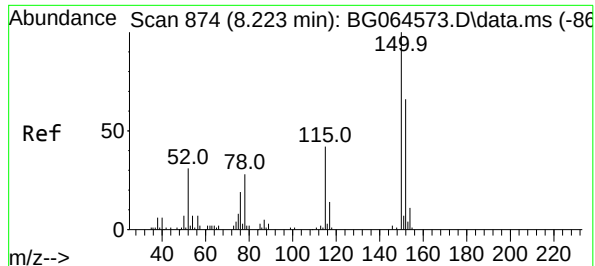
Reviewed By :Rahul Chayli

10/27/2025
Supervised By :Jagrut
Upadhyay

10/27/2025

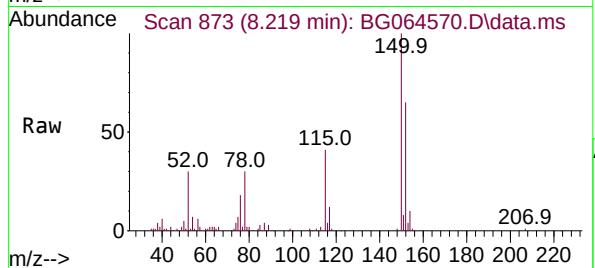
Quant Time: Oct 24 17:10:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



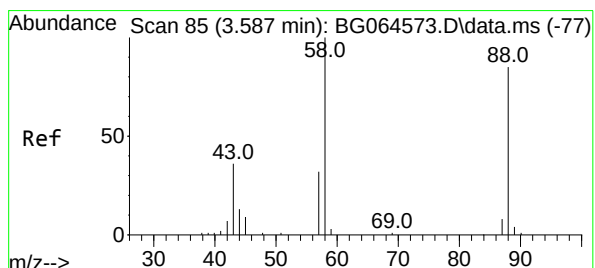
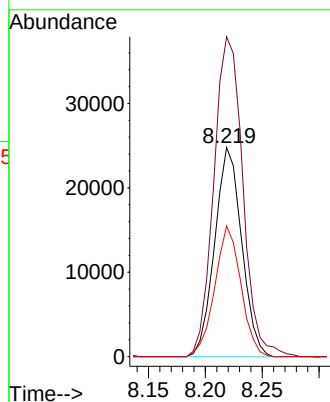
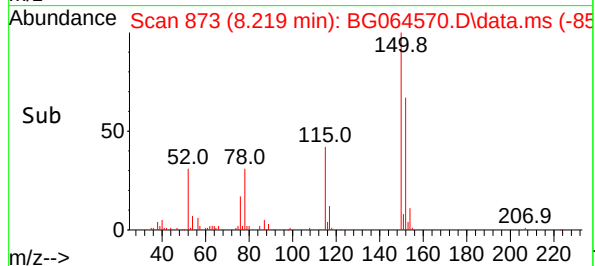
Tgt Ion:152 Resp: 4083
Ion Ratio Lower Upper
152 100
150 153.0 122.2 183.4
115 62.5 50.8 76.2

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Reviewed By :Rahul
Chavli

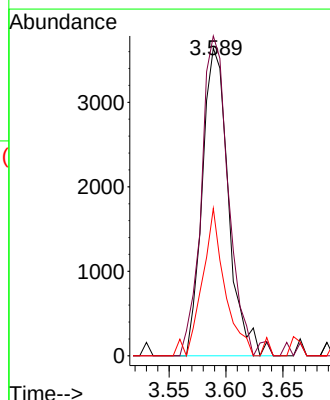
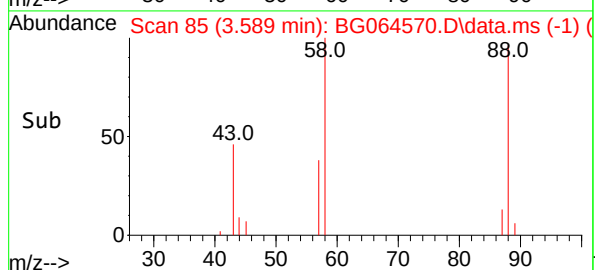
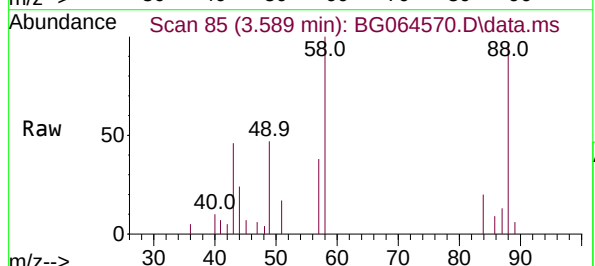
10/27/2025
Supervised By :Jagrut
Upadhyay

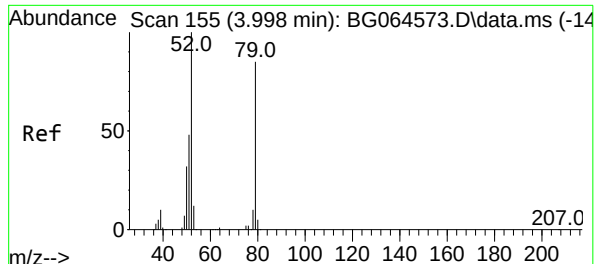
10/27/2025



#2
1,4-Dioxane
Concen: 5.406 ng
RT: 3.589 min Scan# 85
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

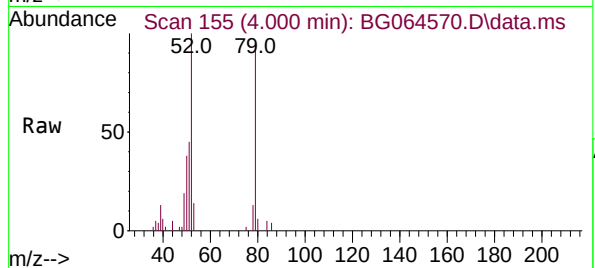
Tgt Ion: 88 Resp: 5823
Ion Ratio Lower Upper
88 100
58 108.0 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 5.143 ng
RT: 4.000 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



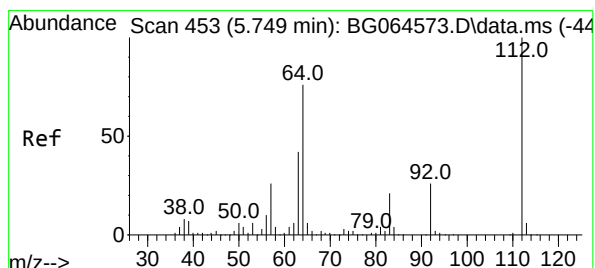
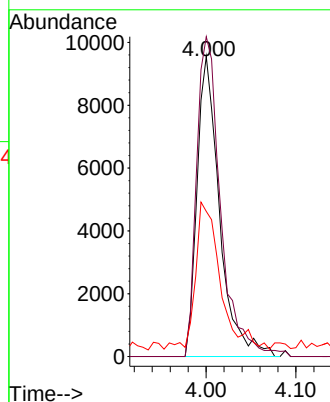
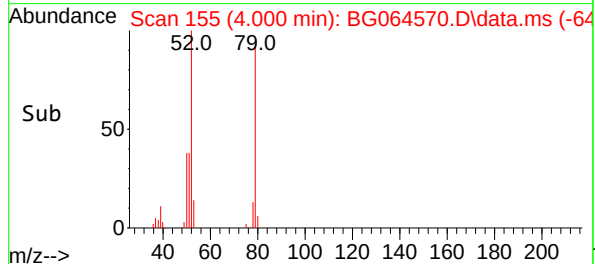
Tgt Ion: 79 Resp: 1663
Ion Ratio Lower Upper
79 100
52 106.6 94.2 141.2
51 48.4 46.1 69.1

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Reviewed By :Rahul
Chavli

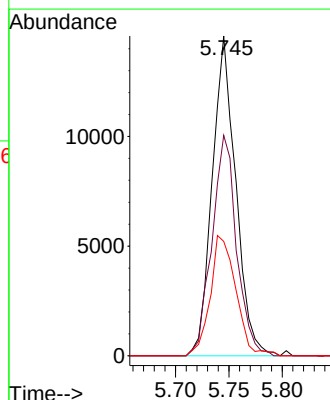
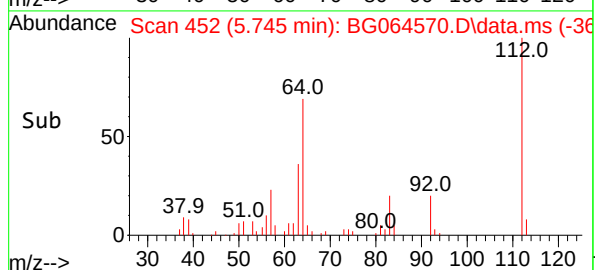
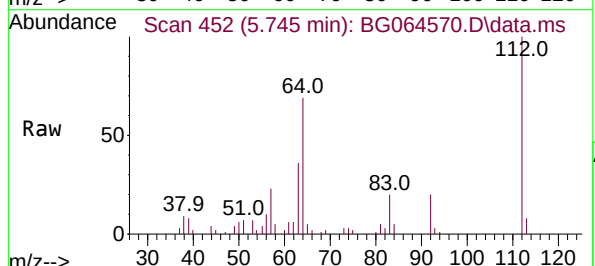
10/27/2025
Supervised By :Jagrut
Upadhyay

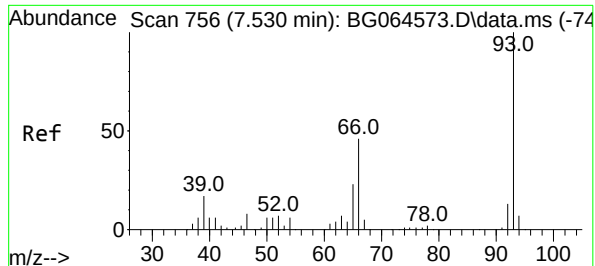
10/27/2025



#5
2-Fluorophenol
Concen: 9.216 ng
RT: 5.745 min Scan# 452
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

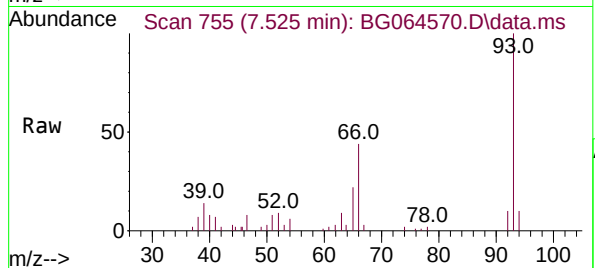
Tgt Ion:112 Resp: 22421
Ion Ratio Lower Upper
112 100
64 68.9 60.7 91.1
63 35.8 33.4 50.0





#6
Aniline
Concen: 4.952 ng
RT: 7.525 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



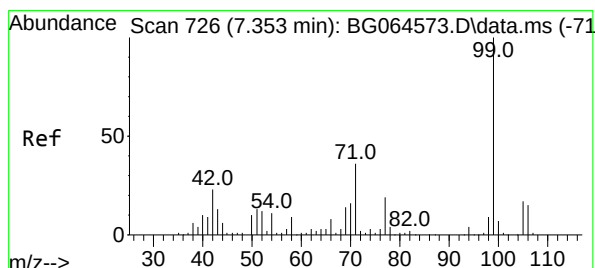
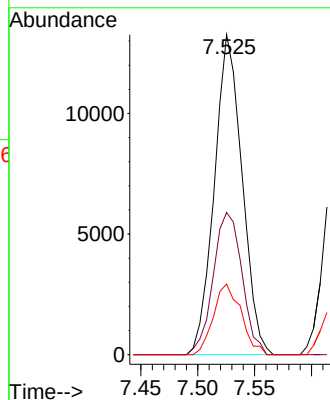
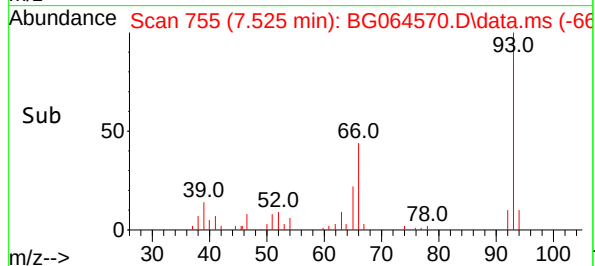
Tgt Ion: 93 Resp: 22494
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 22.0 18.3 27.5

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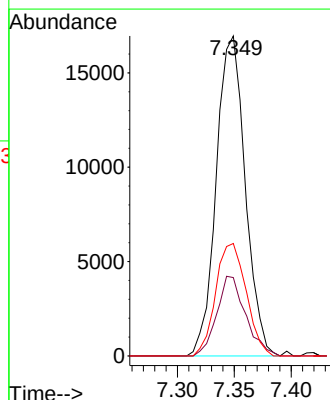
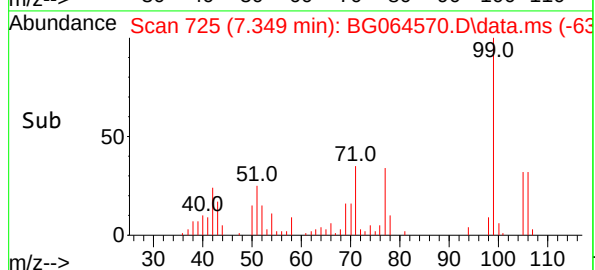
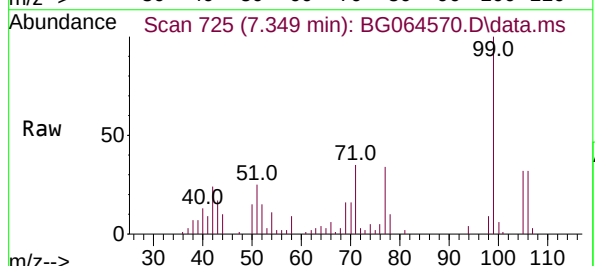
10/27/2025
Supervised By :Jagrut
Upadhyay

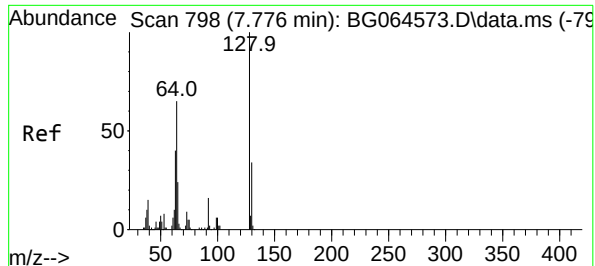
10/27/2025



#7
Phenol-d6
Concen: 8.987 ng
RT: 7.349 min Scan# 725
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

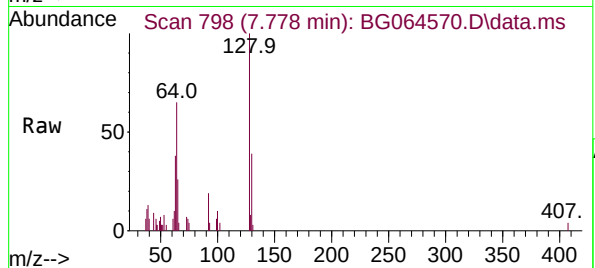
Tgt Ion: 99 Resp: 30003
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 35.1 28.6 43.0





#8
2-Chlorophenol
Concen: 4.214 ng
RT: 7.778 min Scan# 798
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



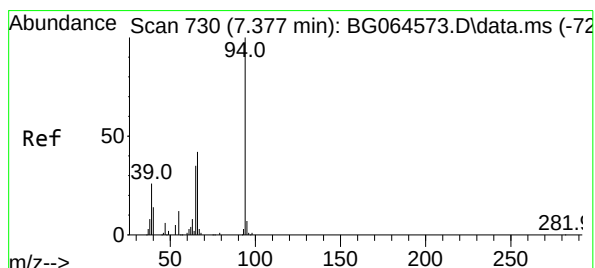
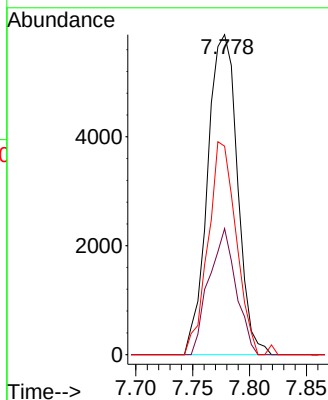
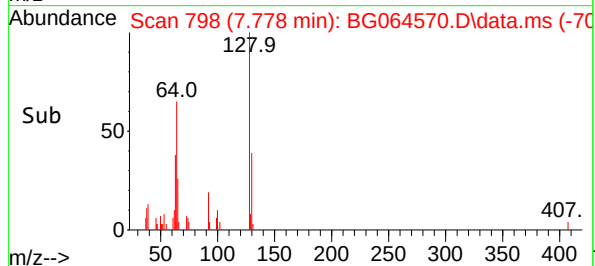
Tgt Ion: 128 Resp: 10732
Ion Ratio Lower Upper
128 100
130 39.4 13.5 53.5
64 65.2 45.2 85.2

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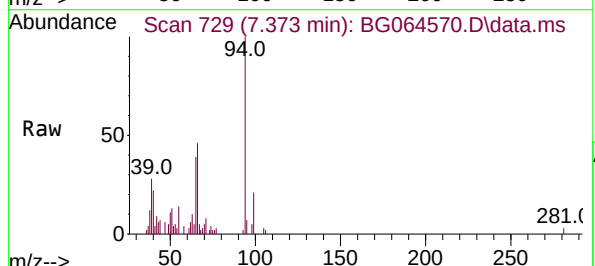
Reviewed By :Rahul
Chavli

10/27/2025
Supervised By :Jagrut
Upadhyay

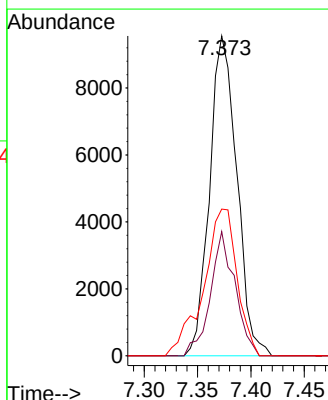
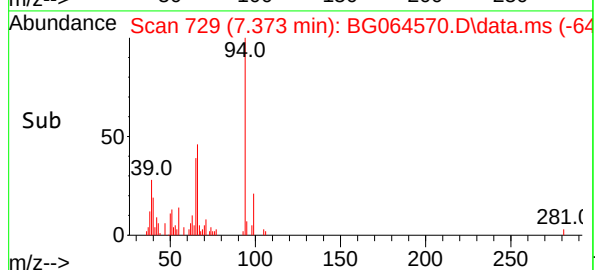
10/27/2025

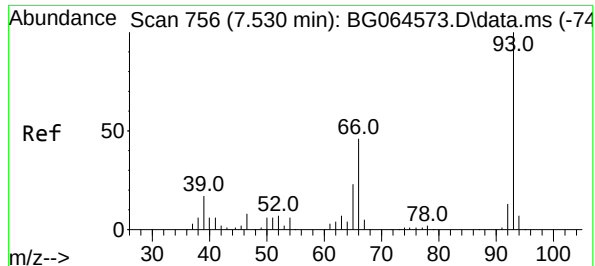


#10
Phenol
Concen: 4.603 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion: 94 Resp: 16995
Ion Ratio Lower Upper
94 100
65 38.8 15.8 55.8
66 45.9 24.0 64.0





#11

bis(2-Chloroethyl)ether

Concen: 4.952 ng

RT: 7.525 min Scan# 755

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

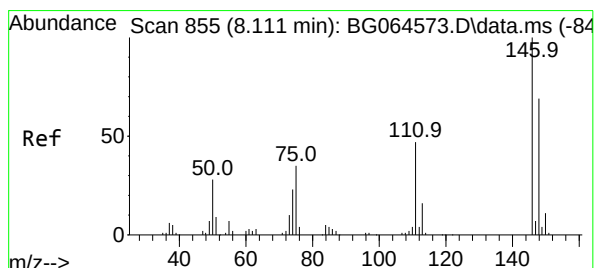
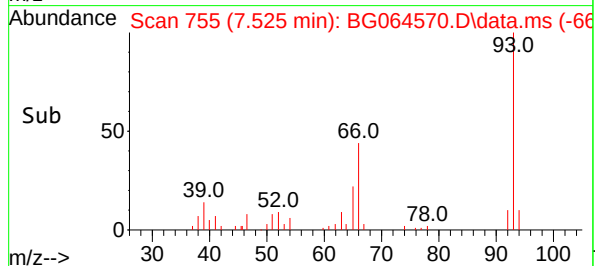
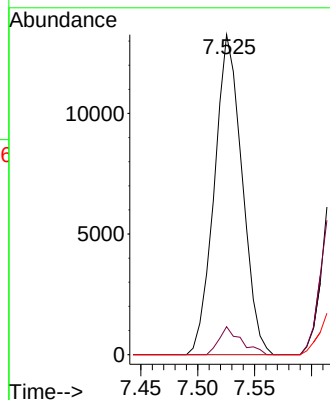
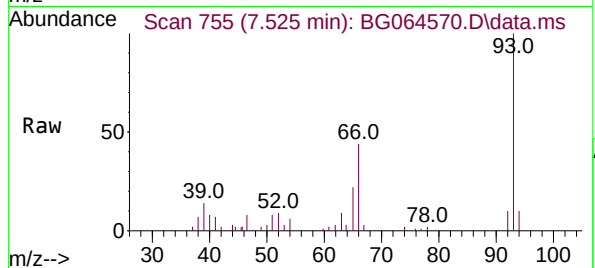
Tgt Ion:	93	Resp:	22494
Ion	Ratio	Lower	Upper
93	100		
63	8.7	0.0	27.4
95	0.0	0.0	20.2

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Chavli

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Supervised By :Jagrut
Upadhyay

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#12

1,3-Dichlorobenzene

Concen: 4.998 ng

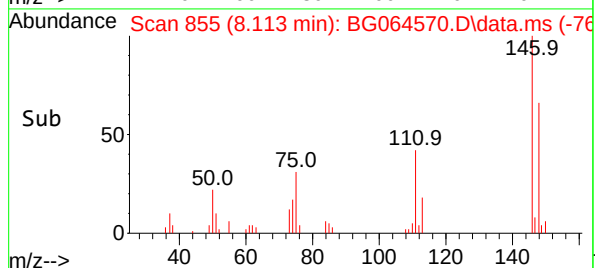
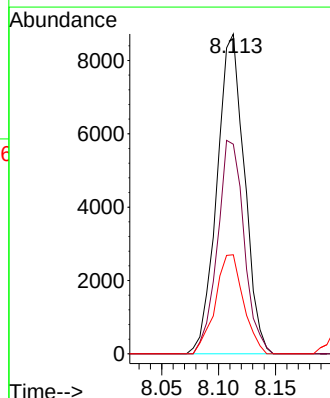
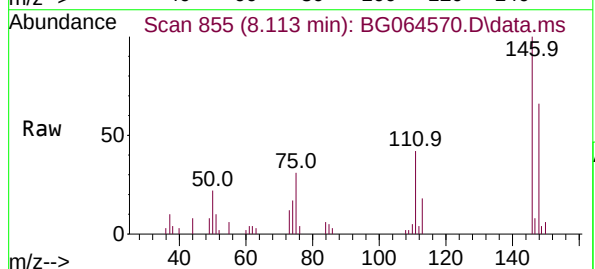
RT: 8.113 min Scan# 855

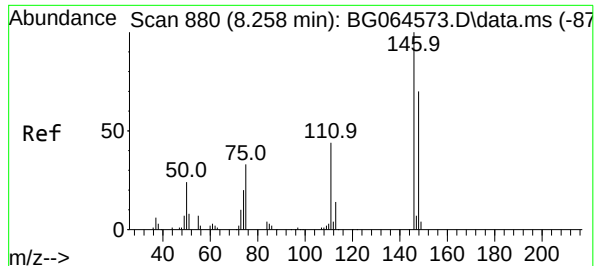
Delta R.T. 0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:	146	Resp:	14650
Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.3	82.9
75	28.7	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 4.903 ng m

RT: 8.260 min Scan# 880

Delta R.T. 0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 1461

Ion Ratio Lower Upper

146 100

148 54.9 56.2 84.4

111 38.6 35.4 53.0

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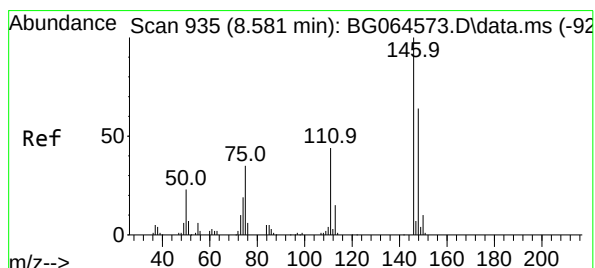
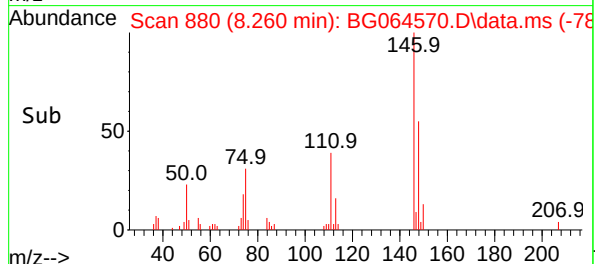
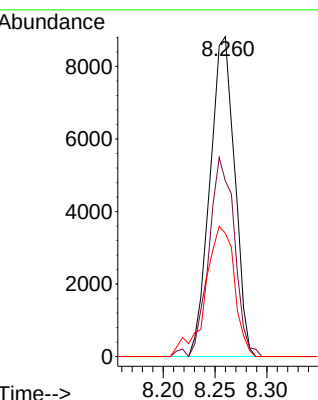
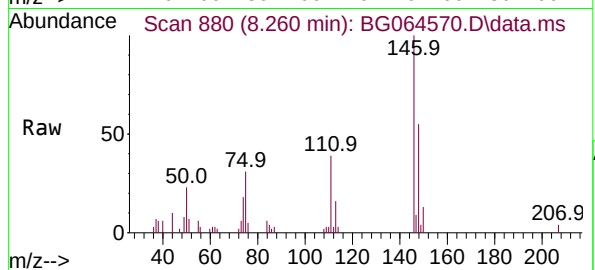
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Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 4.868 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

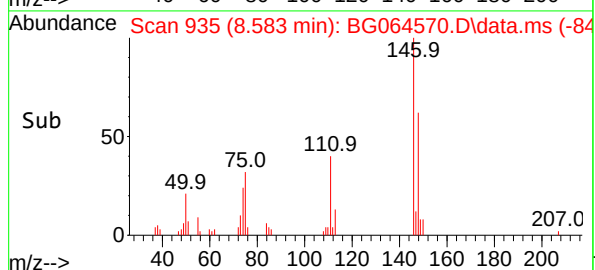
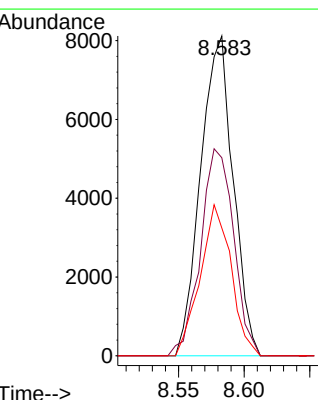
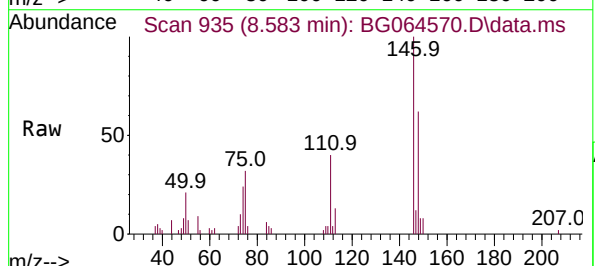
Tgt Ion:146 Resp: 13994

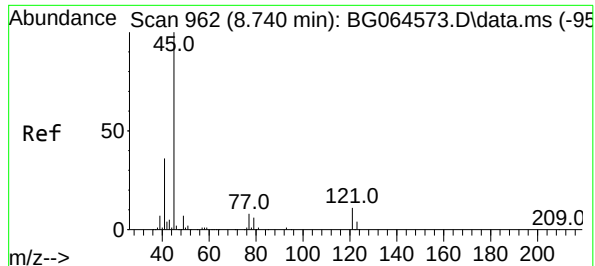
Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

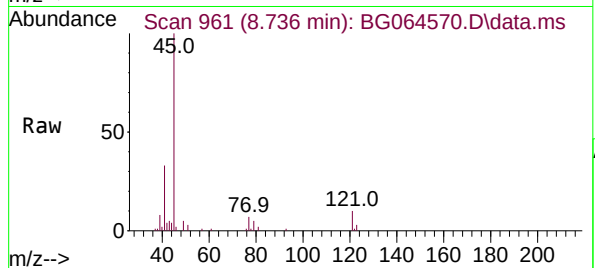
111 40.0 35.0 52.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.905 ng
RT: 8.736 min Scan# 90
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



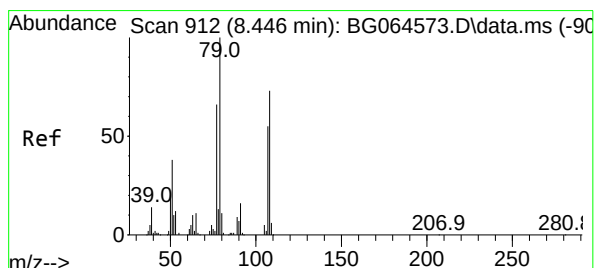
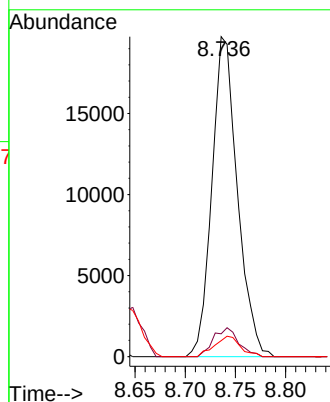
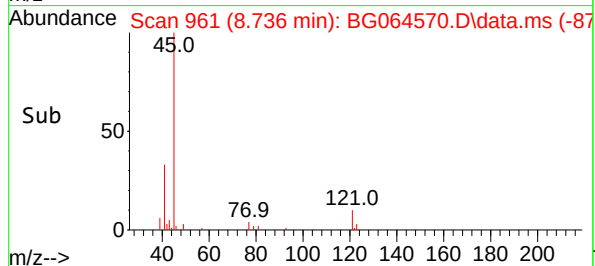
Tgt Ion: 45 Resp: 34925
Ion Ratio Lower Upper
45 100
77 7.1 0.0 28.5
79 5.0 0.0 25.6

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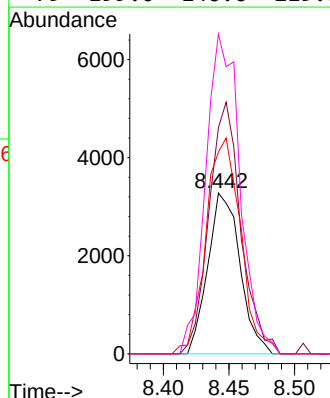
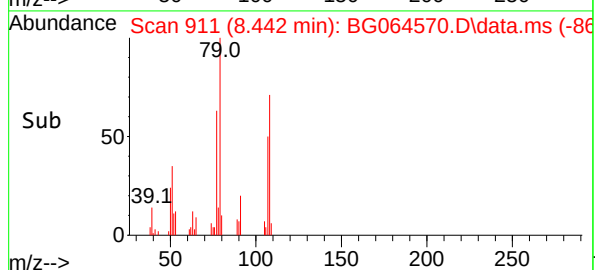
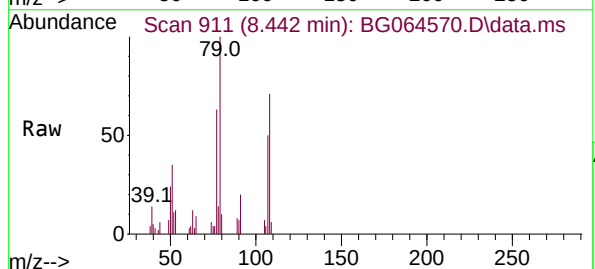
10/27/2025
Supervised By :Jagrut
Upadhyay

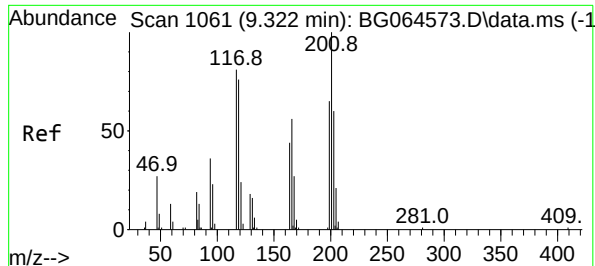
10/27/2025



#17
2-Methylphenol
Concen: 4.063 ng
RT: 8.442 min Scan# 911
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:107 Resp: 5591
Ion Ratio Lower Upper
107 100
108 140.7 106.4 159.6
77 125.5 96.7 145.1
79 199.0 146.6 219.8





#18

Hexachloroethane

Concen: 4.564 ng

RT: 9.329 min Scan# 1061

Delta R.T. 0.004 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:117 Resp: 4773

Ion Ratio Lower Upper

117 100

119 88.0 75.4 113.2

201 124.2 99.2 148.8

Manual Integrations

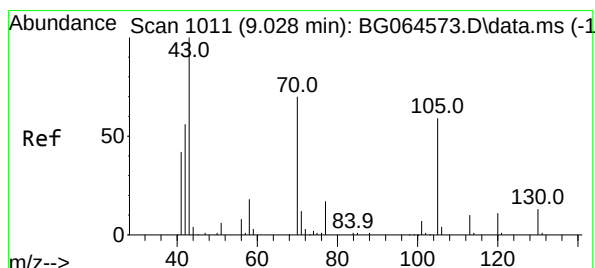
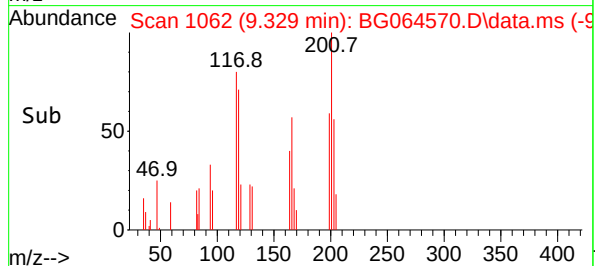
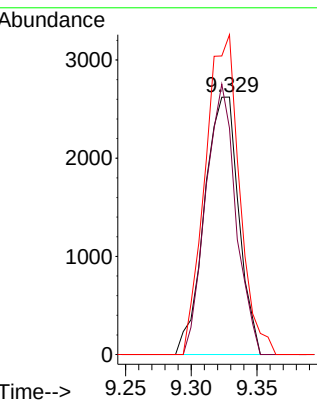
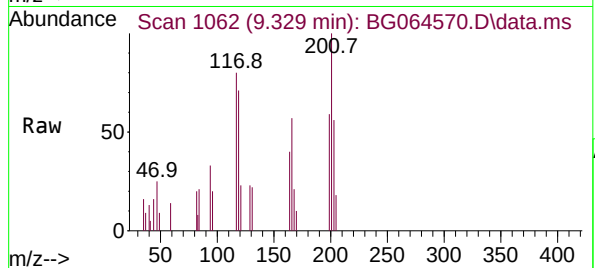
APPROVED

Reviewed By :Rahul
Chavli

10/27/2025

Supervised By :Jagrut
Upadhyay

10/27/2025



#19

n-Nitroso-di-n-propylamine

Concen: 4.592 ng

RT: 9.024 min Scan# 1010

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion: 70 Resp: 10596

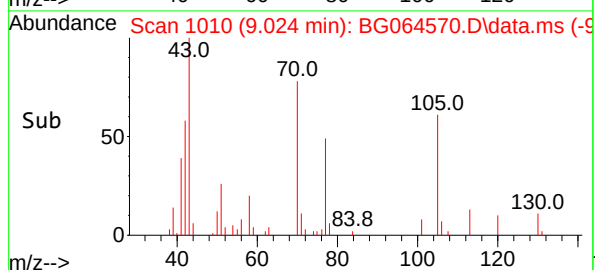
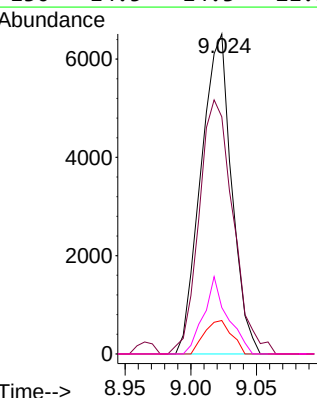
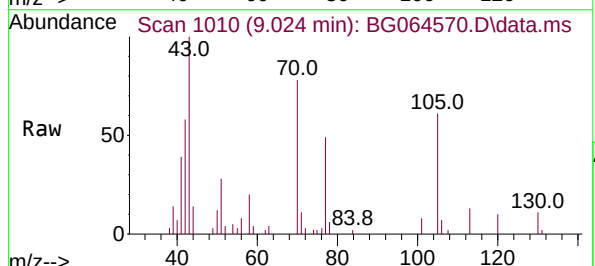
Ion Ratio Lower Upper

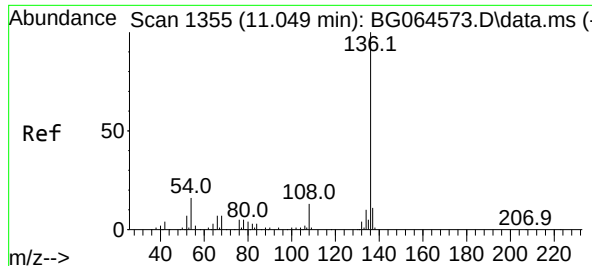
70 100

42 74.1 65.2 97.8

101 10.4 7.9 11.9

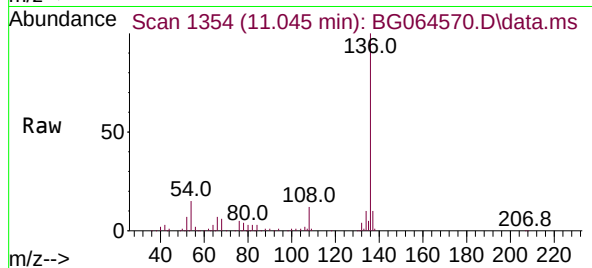
130 14.5 14.3 21.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



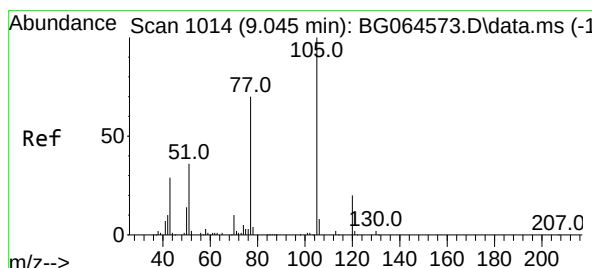
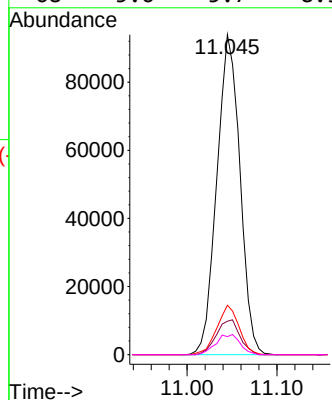
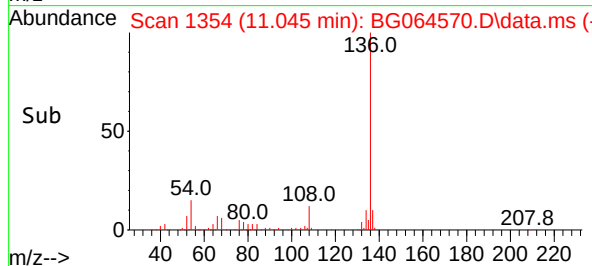
Tgt Ion:136 Resp: 16828
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 15.4 12.6 19.0
68 5.6 5.7 8.5#

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Reviewed By :Rahul
Chavli

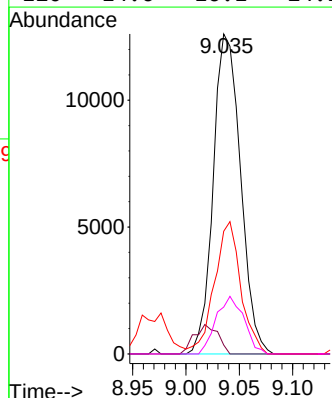
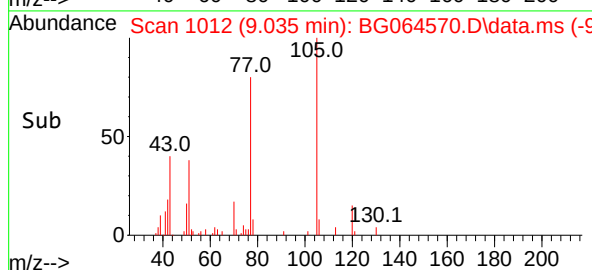
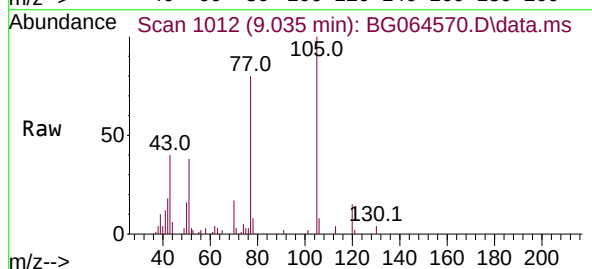
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Supervised By :Jagrut
Upadhyay

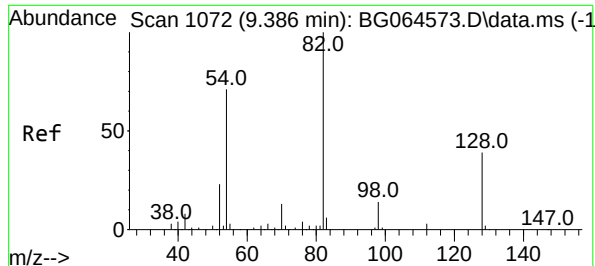
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#22
Acetophenone
Concen: 4.892 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:105 Resp: 22505
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 38.4 33.7 50.5
120 14.6 16.1 24.1#





#23

Nitrobenzene-d5

Concen: 7.173 ng

RT: 9.382 min Scan# 1072

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

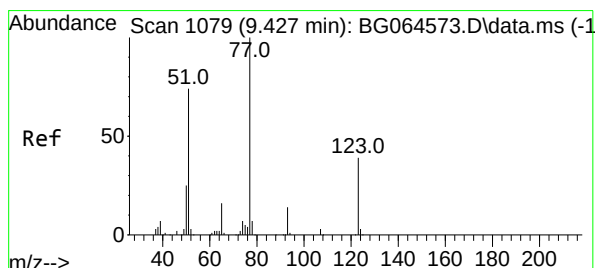
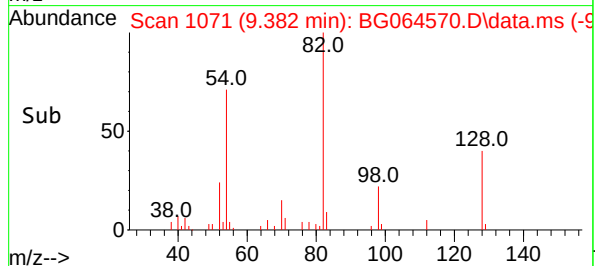
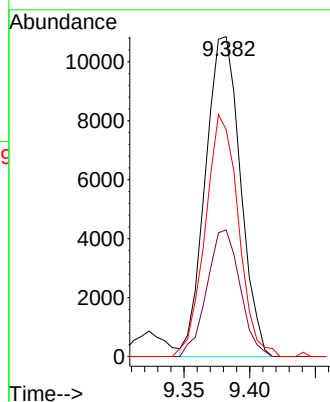
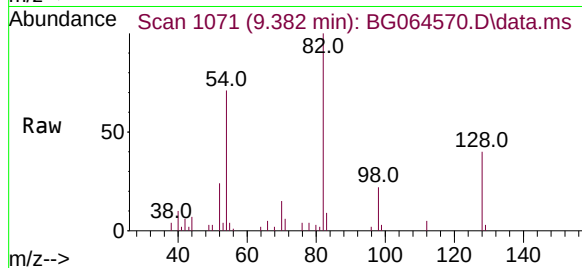
ClientSampleId :

SSTDICC005

Tgt Ion: 82	Resp: 2009
Ion Ratio	Lower Upper
82 100	
128 39.6	31.3 46.9
54 71.0	56.6 84.8

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli10/27/2025
Supervised By :Jagrut
Upadhyay

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#24

Nitrobenzene

Concen: 3.782 ng

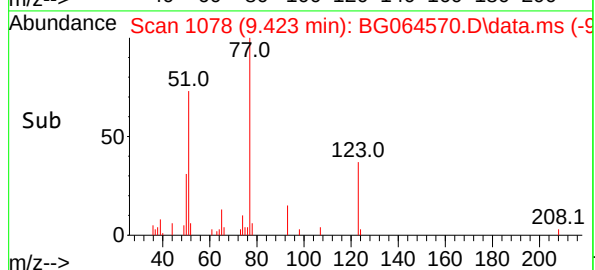
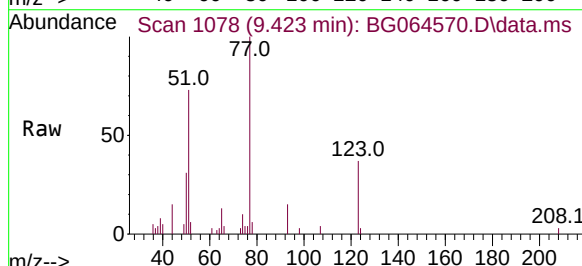
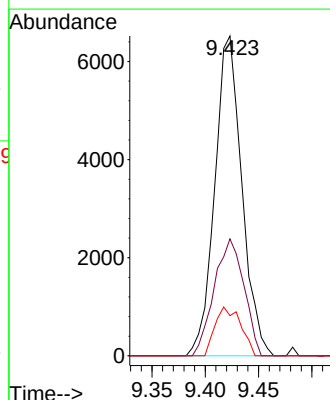
RT: 9.423 min Scan# 1078

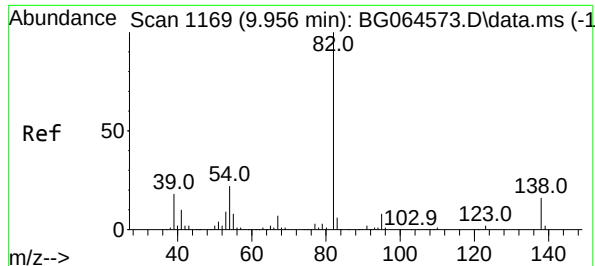
Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

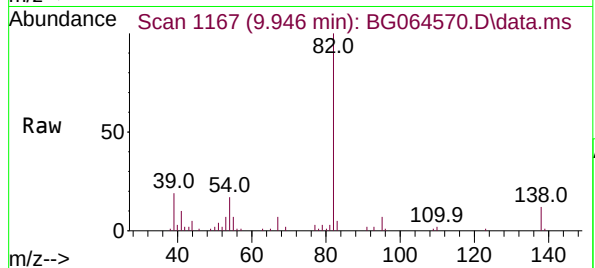
Tgt Ion: 77	Resp: 11526
Ion Ratio	Lower Upper
77 100	
123 36.6	31.0 46.6
65 12.6	12.7 19.1





#25
Isophorone
Concen: 4.701 ng
RT: 9.946 min Scan# 1169
Delta R.T. -0.020 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



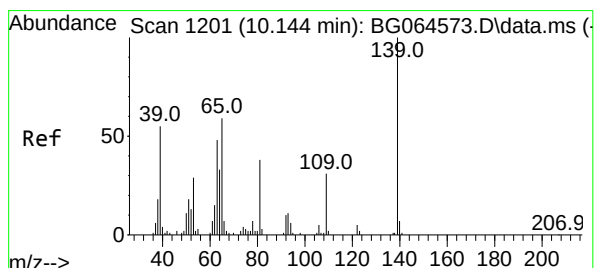
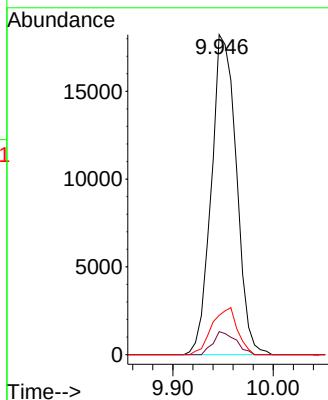
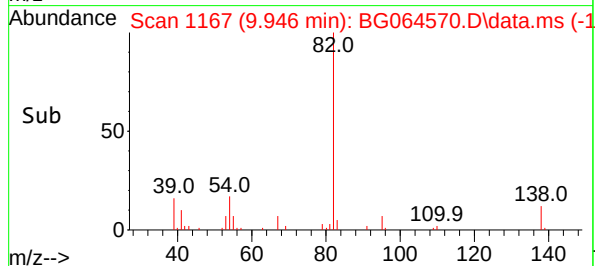
Tgt Ion: 82 Resp: 31609
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 12.3 13.0 19.4

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Chavli

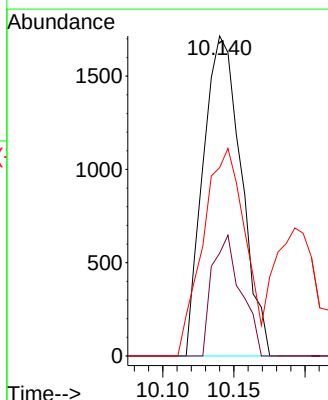
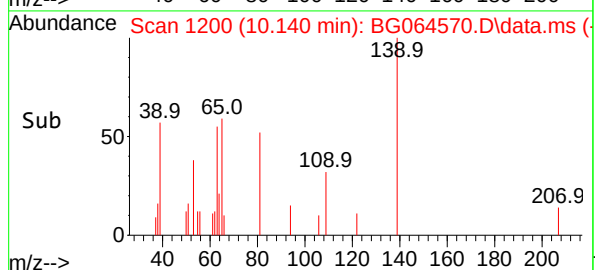
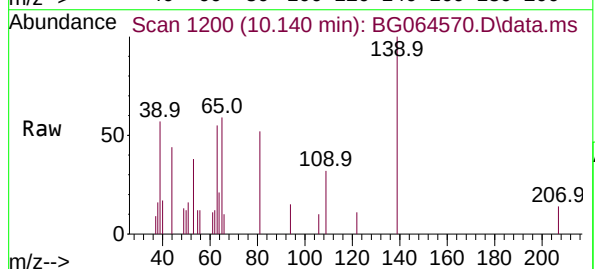
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Upadhyay

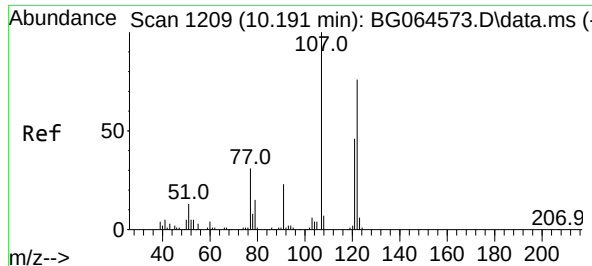
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#26
2-Nitrophenol
Concen: 5.664 ng
RT: 10.140 min Scan# 1200
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:139 Resp: 3186
Ion Ratio Lower Upper
139 100
109 32.1 24.6 37.0
65 58.9 47.5 71.3





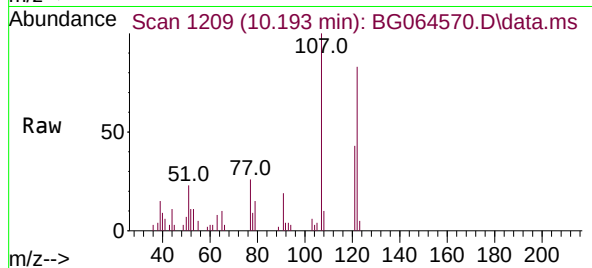
#27
2,4-Dimethylphenol
Concen: 3.891 ng
RT: 10.193 min Scan# 1209
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



Tgt Ion:122 Resp: 9925
Ion Ratio Lower Upper
122 100
107 121.0 103.0 154.4
121 51.7 47.8 71.8

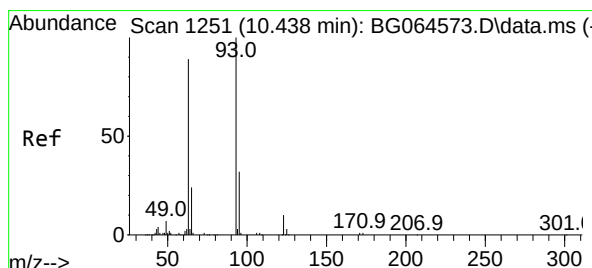
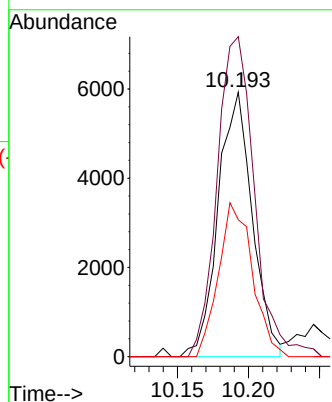
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Chavli

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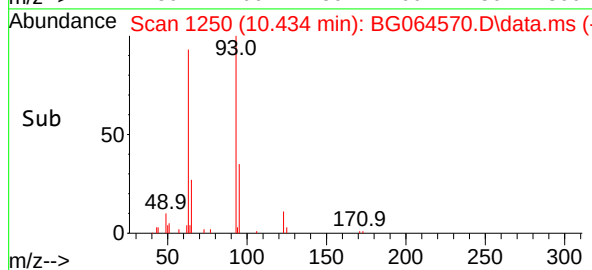
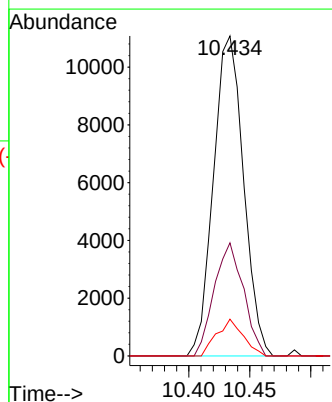
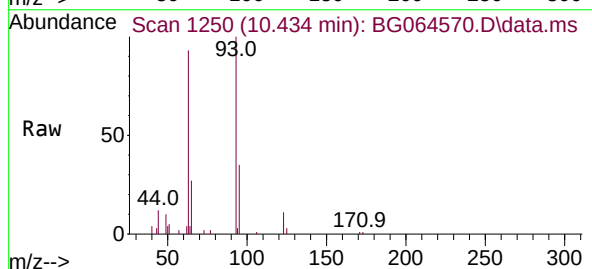
Supervised By :Jagrut
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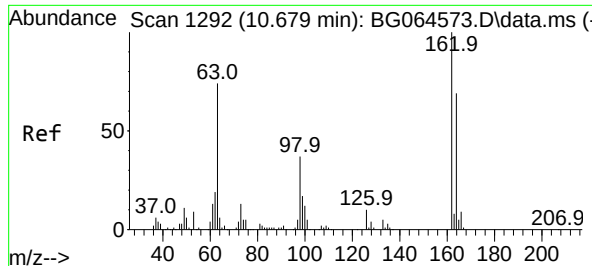
10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.963 ng
RT: 10.434 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion: 93 Resp: 18999
Ion Ratio Lower Upper
93 100
95 35.3 25.4 38.2
123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 3.798 ng

RT: 10.680 min Scan# 1292

Delta R.T. -0.002 min

Lab File: BG064570.D

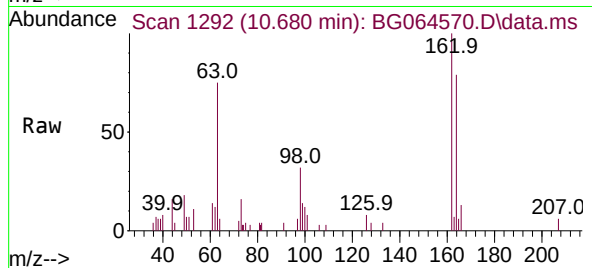
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

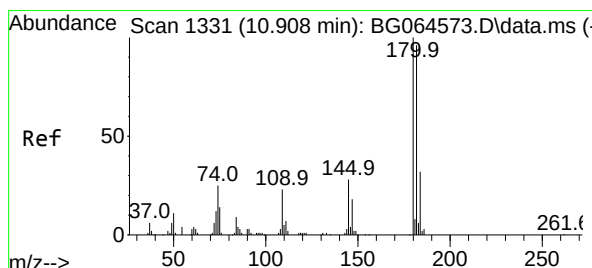
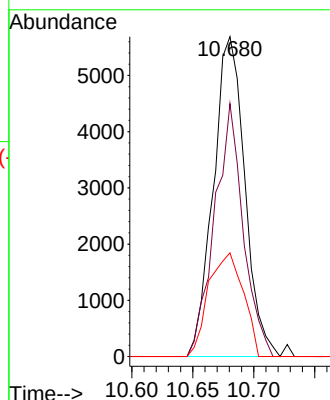
SSTDICC005



Tgt Ion:	162	Resp:	10223
Ion Ratio	Lower	Upper	
162	100		
164	79.1	48.7	88.7
98	32.4	16.9	56.9

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#30

1,2,4-Trichlorobenzene

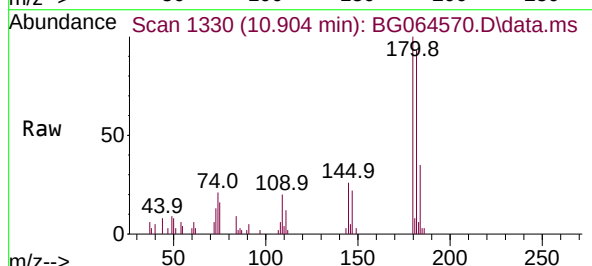
Concen: 4.656 ng

RT: 10.904 min Scan# 1330

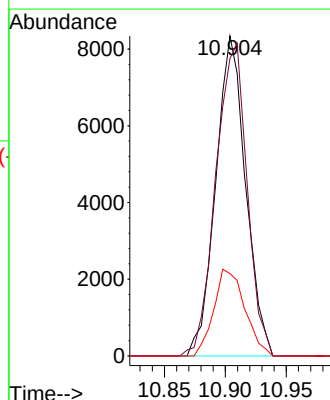
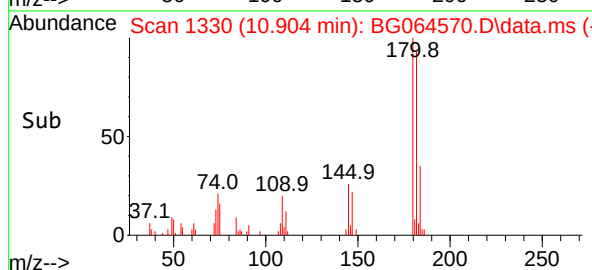
Delta R.T. -0.002 min

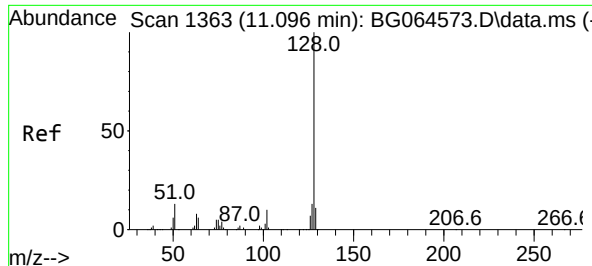
Lab File: BG064570.D

Acq: 24 Oct 2025 9:41



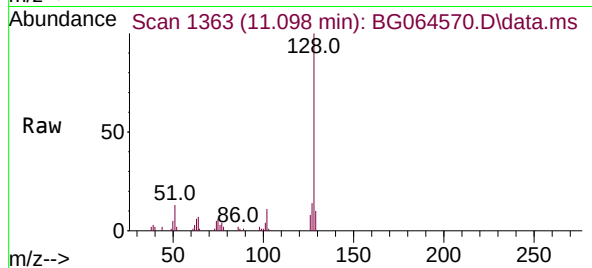
Tgt Ion:	180	Resp:	14238
Ion Ratio	Lower	Upper	
180	100		
182	92.9	76.9	115.3
145	25.7	22.1	33.1





#31
Naphthalene
Concen: 4.883 ng
RT: 11.098 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



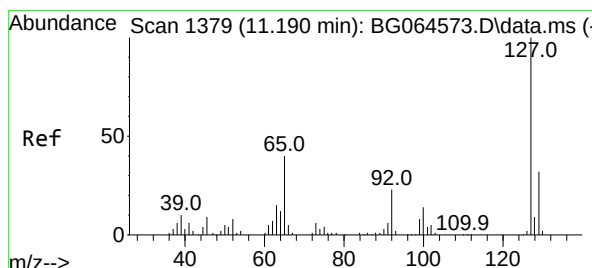
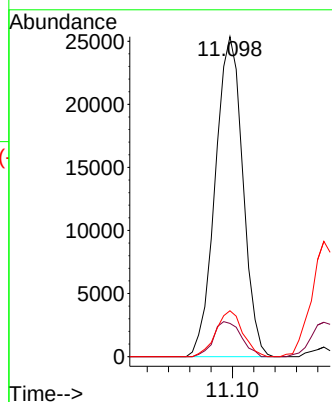
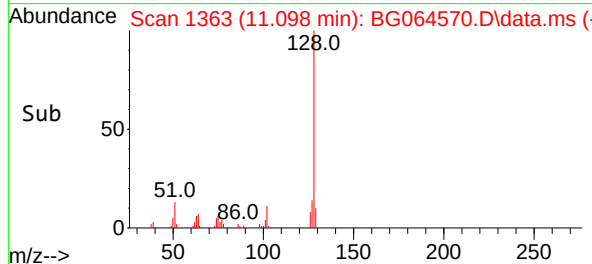
Tgt Ion:128 Resp: 45559
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.3 10.6 15.8

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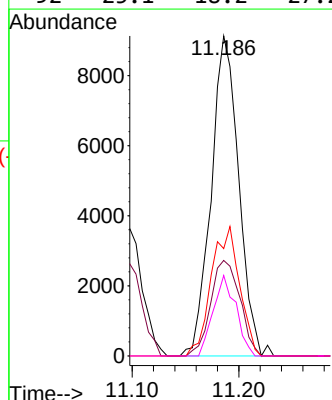
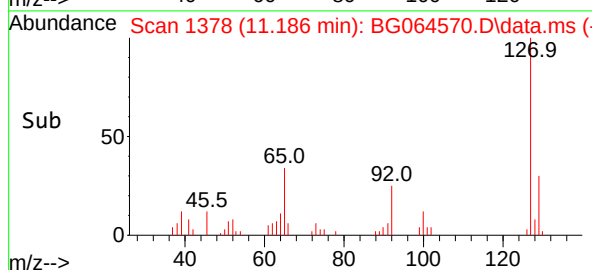
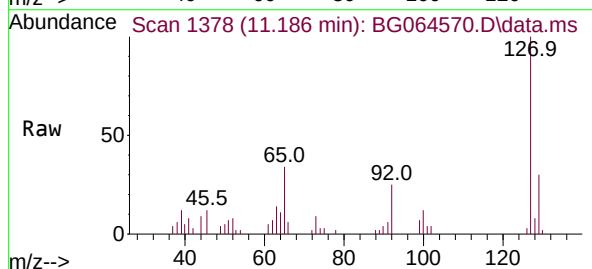
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Upadhyay

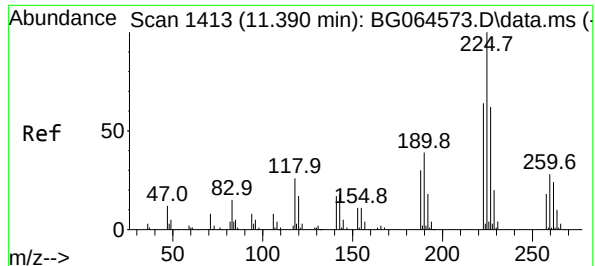
10/27/2025



#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.186 min Scan# 1378
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

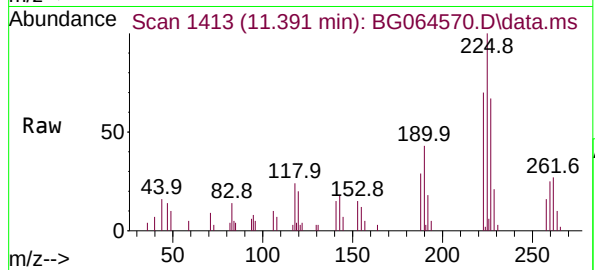
Tgt Ion:127 Resp: 16429
Ion Ratio Lower Upper
127 100
129 29.8 25.5 38.3
65 33.5 32.2 48.4
92 25.1 18.2 27.2





#34
Hexachlorobutadiene
Concen: 4.688 ng
RT: 11.391 min Scan# 1413
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



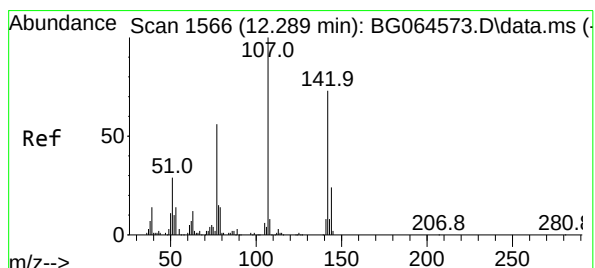
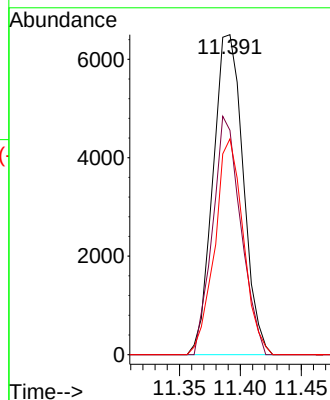
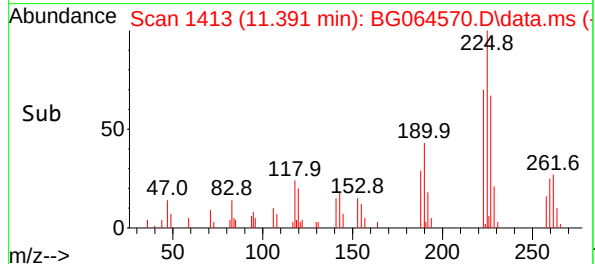
Tgt Ion:225 Resp: 11212
Ion Ratio Lower Upper
225 100
223 66.4 48.8 73.2
227 63.9 49.5 74.3

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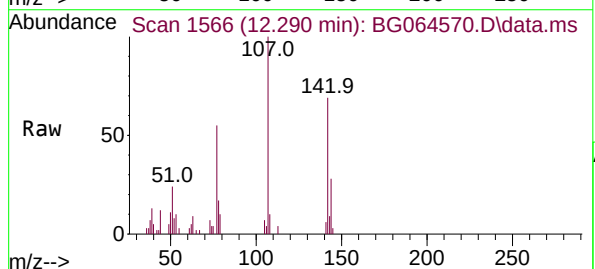
Reviewed By :Rahul
Chavli

10/27/2025
Supervised By :Jagrut
Upadhyay

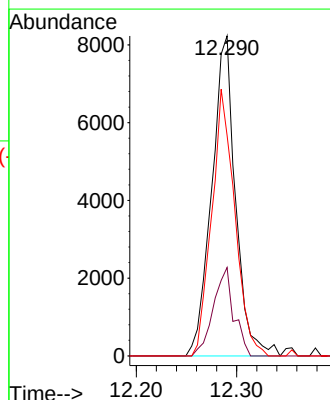
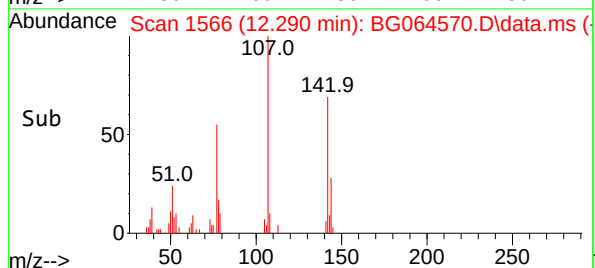
10/27/2025

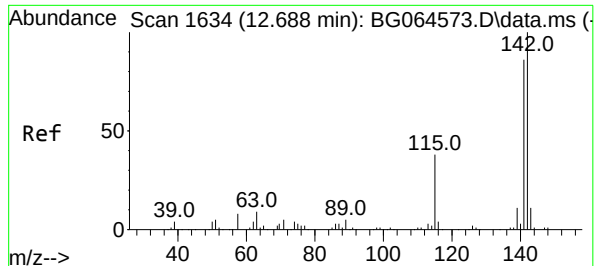


#36
4-Chloro-3-methylphenol
Concen: 4.205 ng
RT: 12.290 min Scan# 1566
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:107 Resp: 13604
Ion Ratio Lower Upper
107 100
144 27.6 19.1 28.7
142 68.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 4.690 ng
RT: 12.690 min Scan# 1634
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

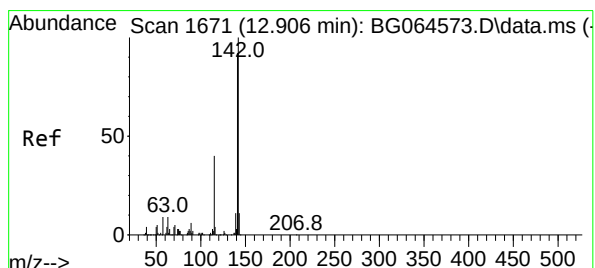
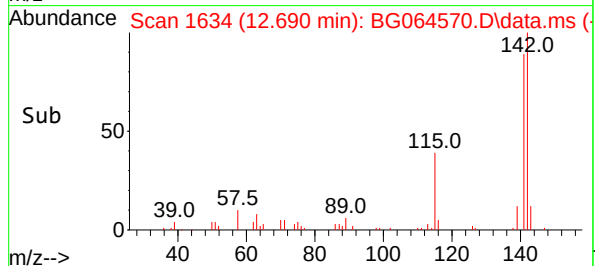
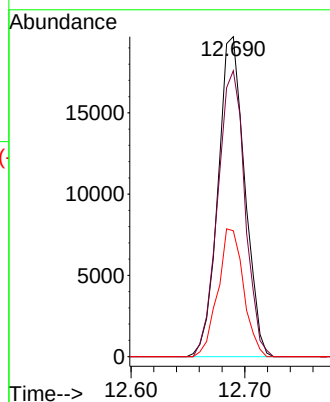
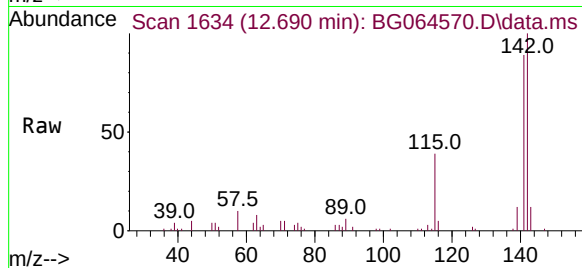
Tgt Ion:142 Resp: 32129
Ion Ratio Lower Upper
142 100
141 89.3 68.9 103.3
115 39.3 30.6 46.0

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Chavli

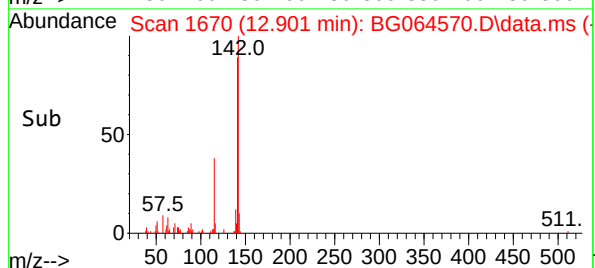
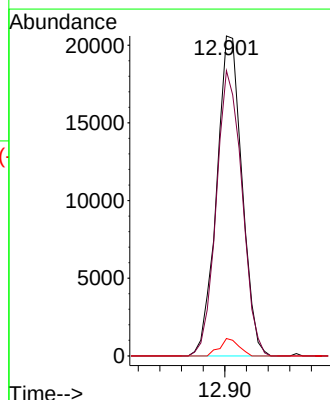
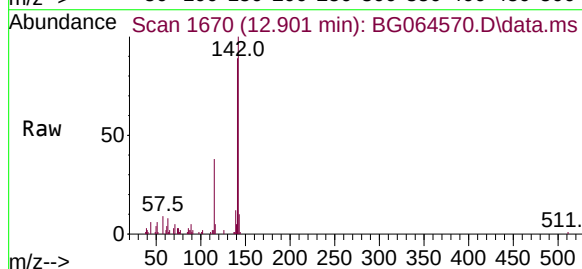
10/27/2025
Supervised By :Jagrut
Upadhyay

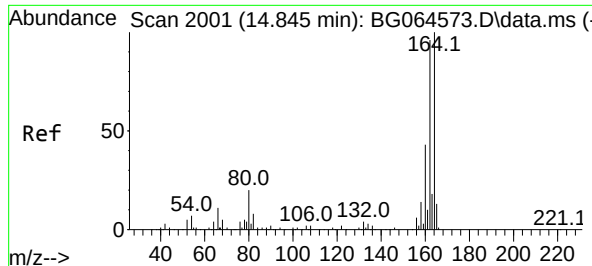
10/27/2025



#38
1-Methylnaphthalene
Concen: 4.972 ng m
RT: 12.901 min Scan# 1670
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:142 Resp: 33515
Ion Ratio Lower Upper
142 100
141 89.1 73.3 109.9
116 5.4 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.840 min Scan# 2001

Delta R.T. -0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 13138

Ion	Ratio	Lower	Upper
164	100		
162	103.0	77.0	115.6
160	48.2	34.4	51.6

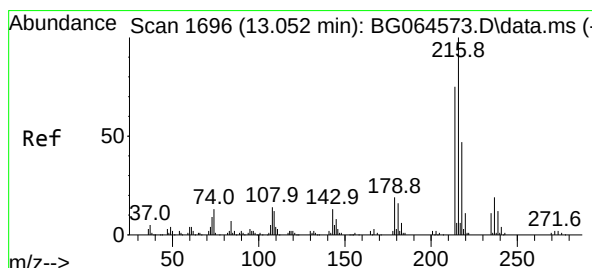
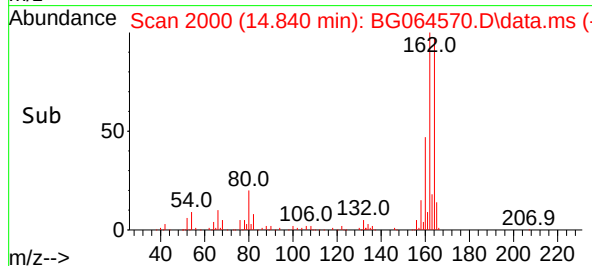
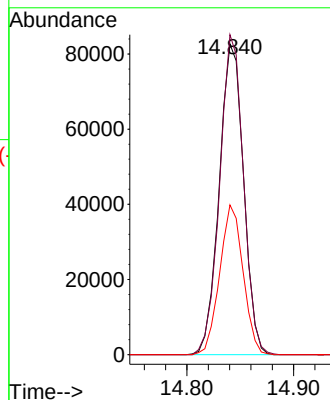
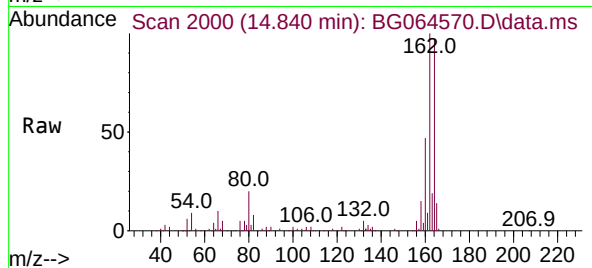
Manual Integrations
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Reviewed By :Rahul
Chavli

10/27/2025

Supervised By :Jagrut
Upadhyay

10/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.893 ng

RT: 13.048 min Scan# 1695

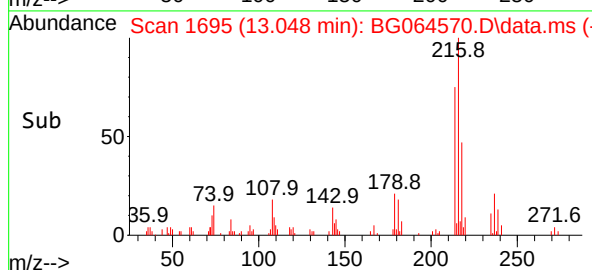
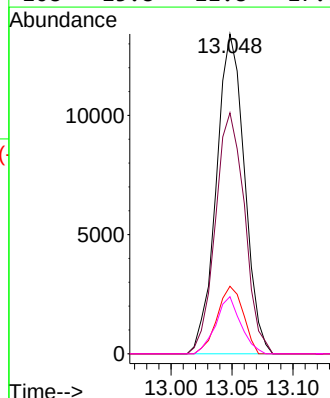
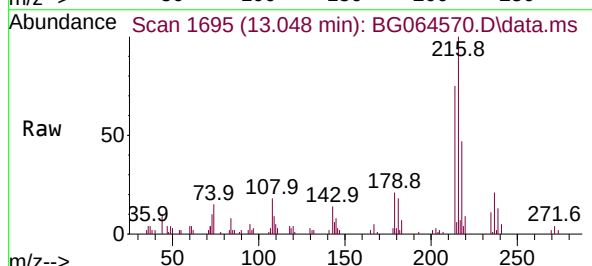
Delta R.T. -0.008 min

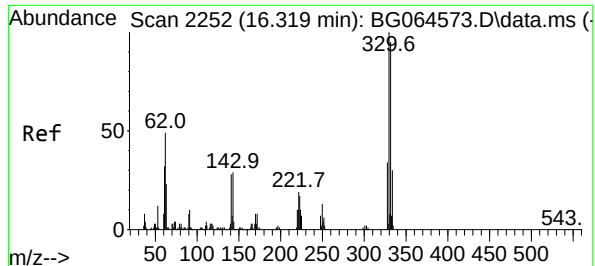
Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:216 Resp: 21576

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.4	92.2
179	19.5	15.4	23.0
108	15.8	11.8	17.6





#42

2,4,6-Tribromophenol

Concen: 7.654 ng

RT: 16.315 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 14514
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 25.5 21.8 32.6

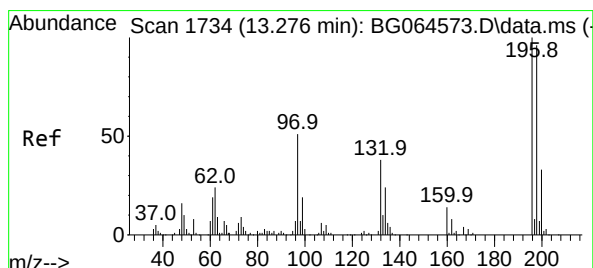
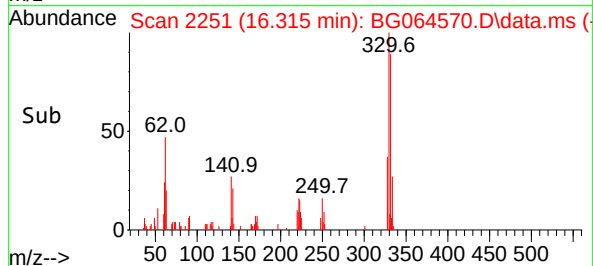
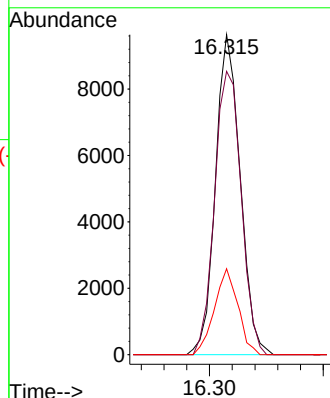
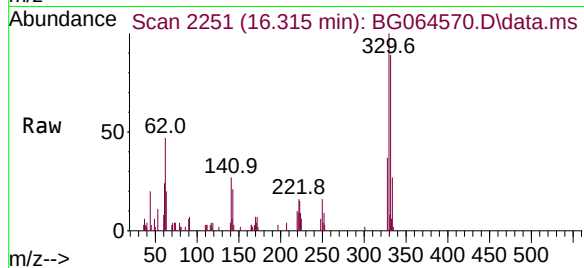
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

10/27/2025

Supervised By :Jagrut
Upadhyay

10/27/2025



#43

2,4,6-Trichlorophenol

Concen: 3.826 ng

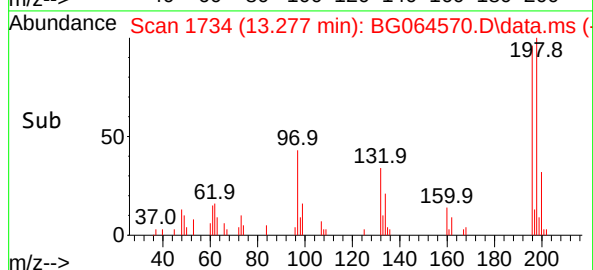
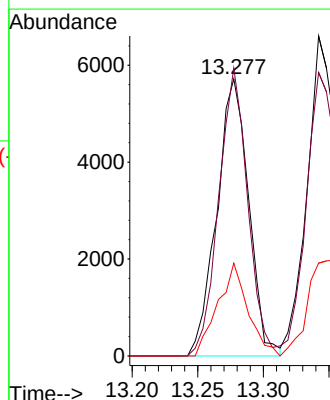
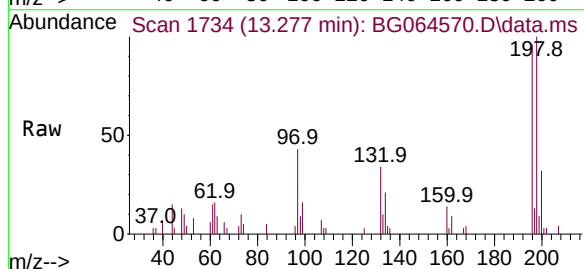
RT: 13.277 min Scan# 1734

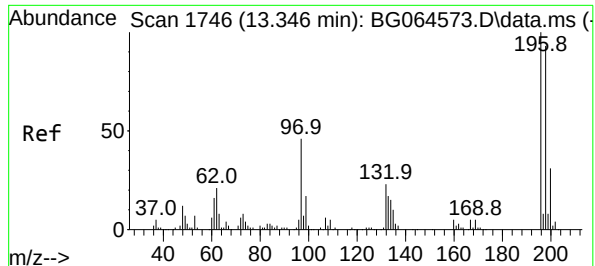
Delta R.T. -0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:196 Resp: 9650
Ion Ratio Lower Upper
196 100
198 103.9 76.6 115.0
200 33.5 26.0 39.0





#44

2,4,5-Trichlorophenol

Concen: 3.831 ng

RT: 13.342 min Scan# 1746

Delta R.T. -0.008 min

Lab File: BG064570.D

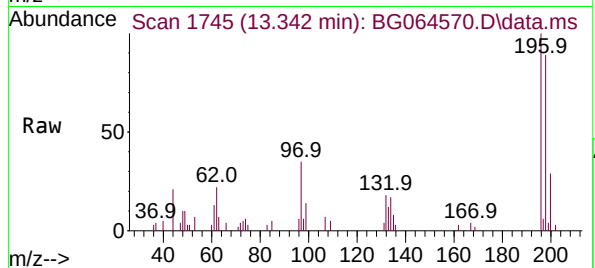
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 1115

Ion Ratio Lower Upper

196 100

198 88.6 74.2 111.4

97 35.1 37.0 55.6

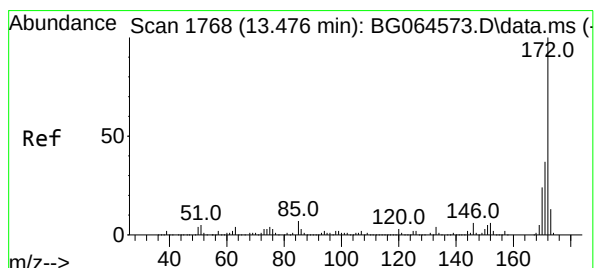
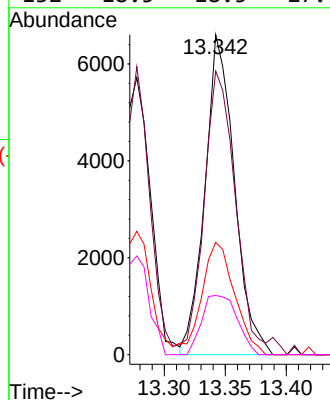
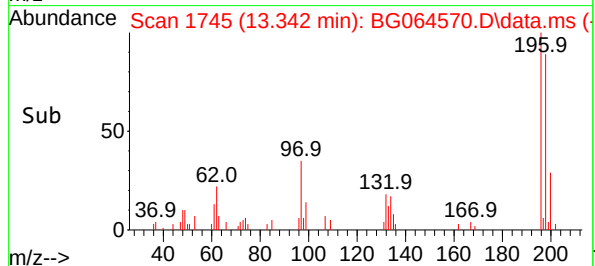
132 18.5 18.5 27.7

Manual Integrations

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Reviewed By :Rahul
Chavli10/27/2025
Supervised By :Jagrut
Upadhyay

10/27/2025



#45

2-Fluorobiphenyl

Concen: 9.932 ng

RT: 13.471 min Scan# 1767

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

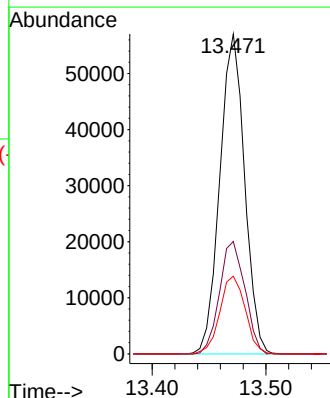
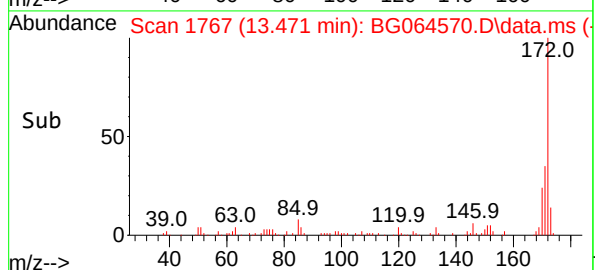
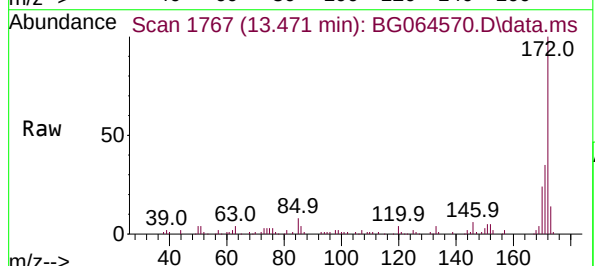
Tgt Ion:172 Resp: 86089

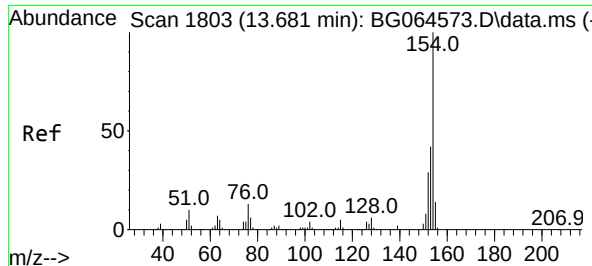
Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

170 24.3 19.1 28.7





#46

1,1'-Biphenyl

Concen: 5.122 ng

RT: 13.683 min Scan# 1810

Delta R.T. -0.002 min

Lab File: BG064570.D

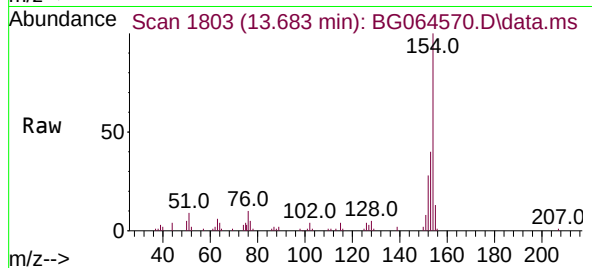
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

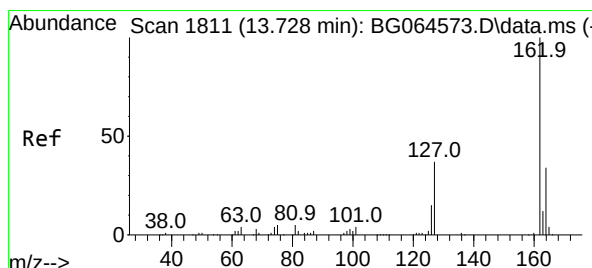
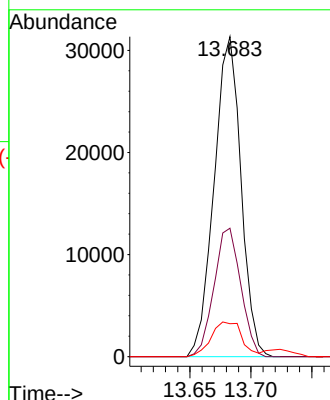
SSTDICC005



Tgt Ion:	154	Resp:	47840
Ion Ratio	Lower	Upper	
154	100		
153	40.1	22.4	62.4
76	10.3	0.0	33.5

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Chavli10/27/2025
Supervised By :Jagrut
Upadhyay

10/27/2025



#47

2-Chloronaphthalene

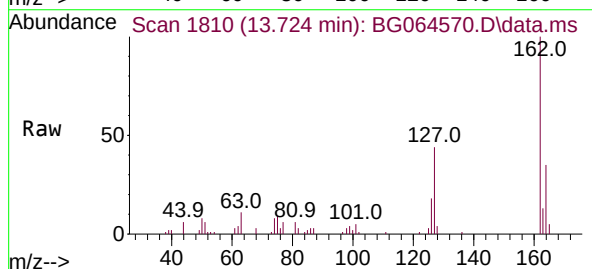
Concen: 4.961 ng

RT: 13.724 min Scan# 1810

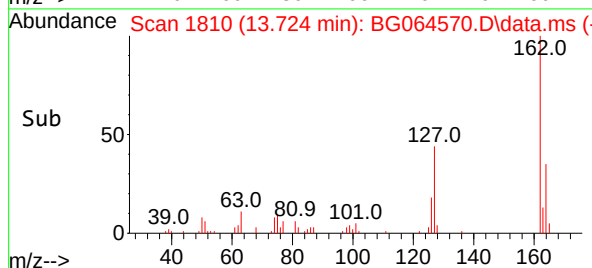
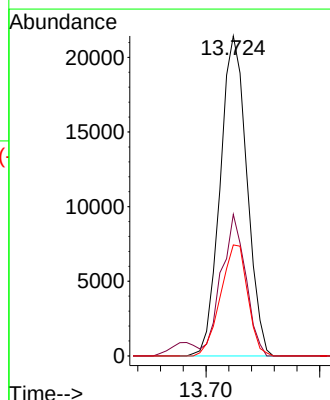
Delta R.T. -0.008 min

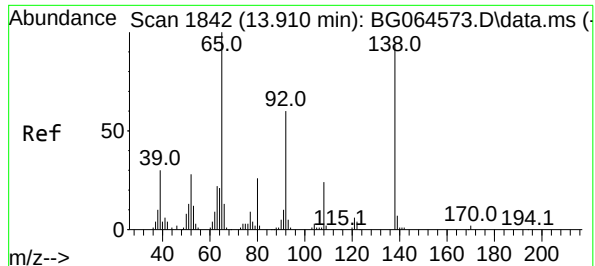
Lab File: BG064570.D

Acq: 24 Oct 2025 9:41



Tgt Ion:	162	Resp:	34977
Ion Ratio	Lower	Upper	
162	100		
127	44.2	32.2	48.2
164	34.7	27.5	41.3





#48

2-Nitroaniline

Concen: 5.826 ng

RT: 13.906 min Scan# 1842

Delta R.T. -0.008 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 65 Resp: 660

Ion Ratio Lower Upper

65 100

92 52.8 48.3 72.5

138 79.6 74.9 112.3

Manual Integrations

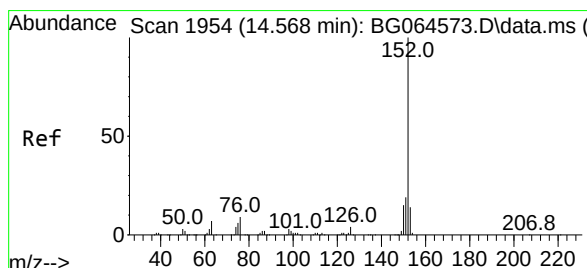
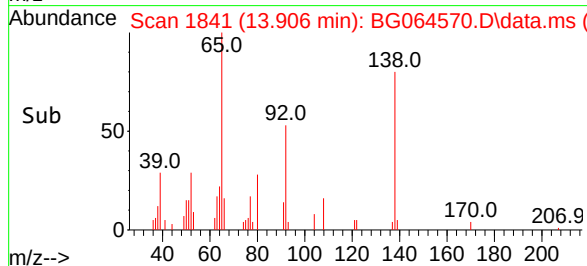
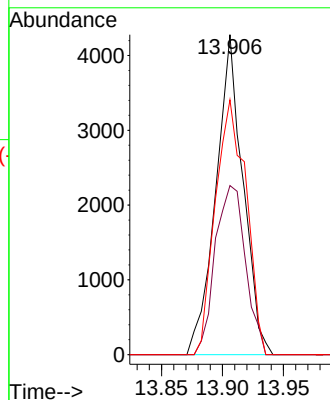
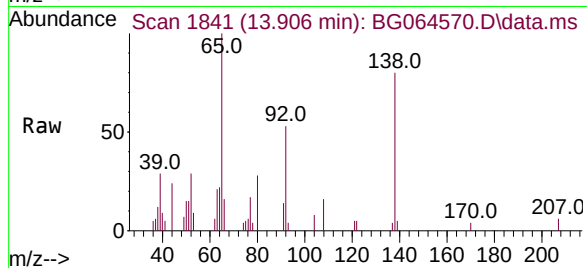
APPROVED

Reviewed By :Rahul
Chavli

10/27/2025

Supervised By :Jagrut
Upadhyay

10/27/2025



#49

Acenaphthylene

Concen: 4.923 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.002 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

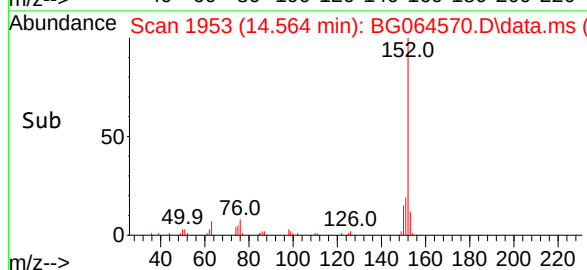
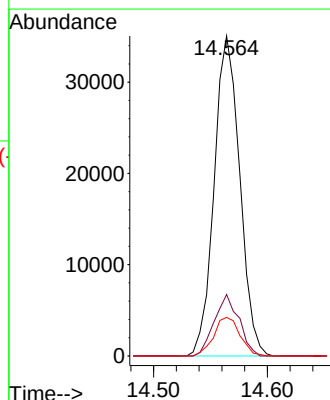
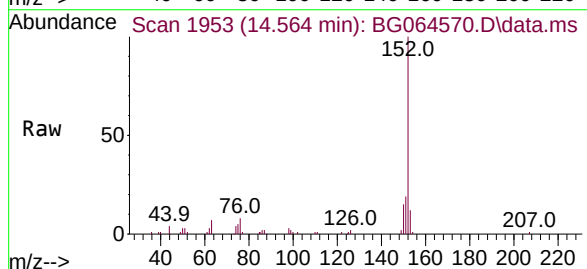
Tgt Ion:152 Resp: 54748

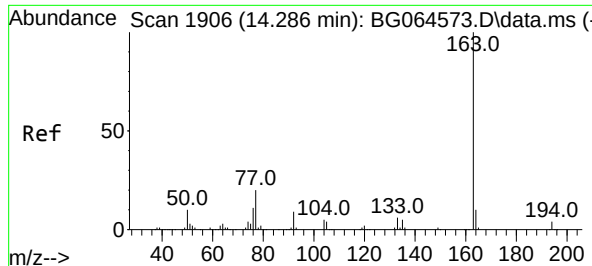
Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2

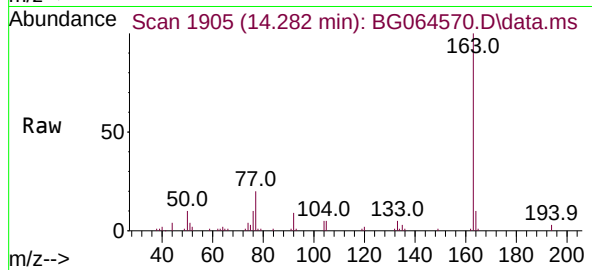
153 12.0 11.0 16.4





#50
Dimethylphthalate
Concen: 4.540 ng
RT: 14.282 min Scan# 1906
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



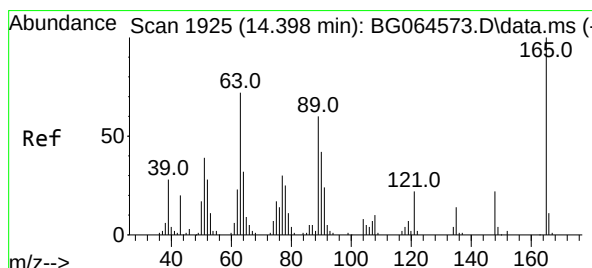
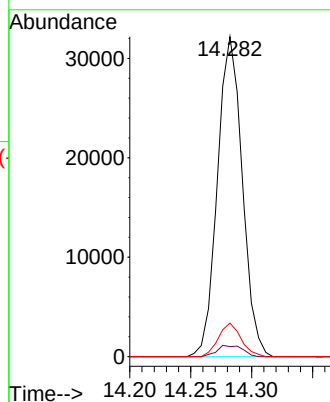
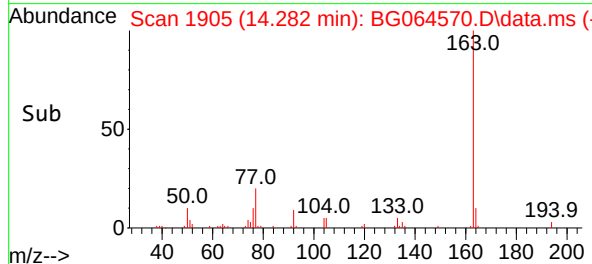
Tgt Ion:163 Resp: 45639
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 7.7 11.5

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Chavli

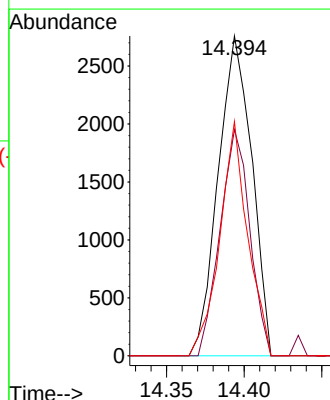
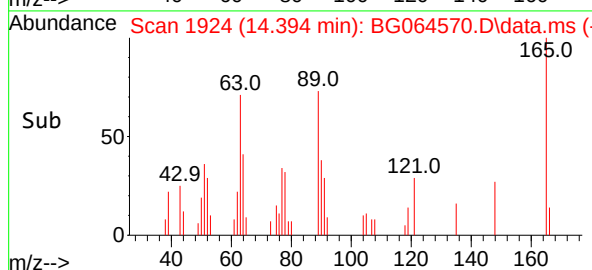
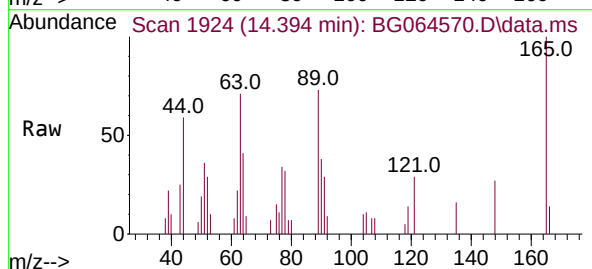
10/27/2025
Supervised By :Jagrut
Upadhyay

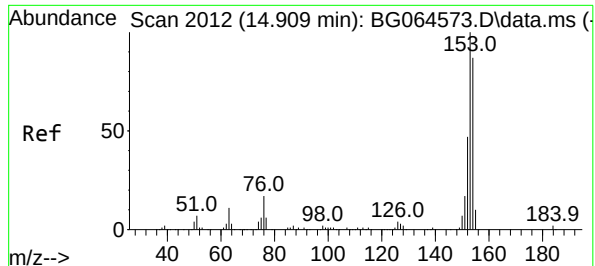
10/27/2025



#51
2,6-Dinitrotoluene
Concen: 5.535 ng
RT: 14.394 min Scan# 1924
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

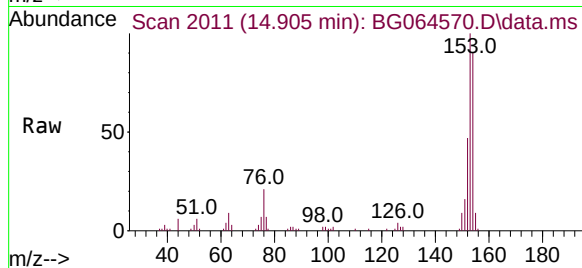
Tgt Ion:165 Resp: 4161
Ion Ratio Lower Upper
165 100
63 70.7 57.4 86.0
89 73.2 47.8 71.8#





#52
Acenaphthene
Concen: 4.867 ng
RT: 14.905 min Scan# 2012
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



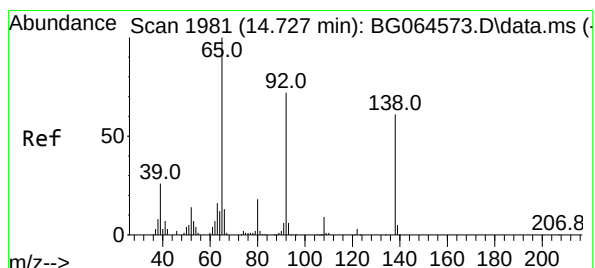
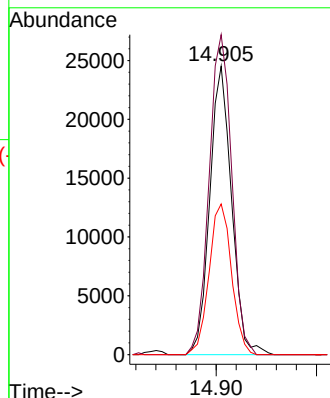
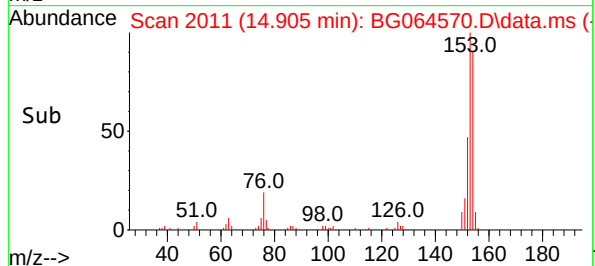
Tgt Ion:154 Resp: 36982
Ion Ratio Lower Upper
154 100
153 111.0 92.2 138.4
152 52.2 43.2 64.8

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Chavli

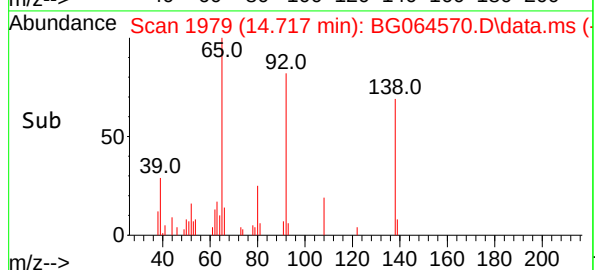
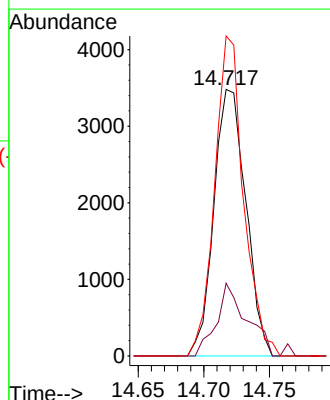
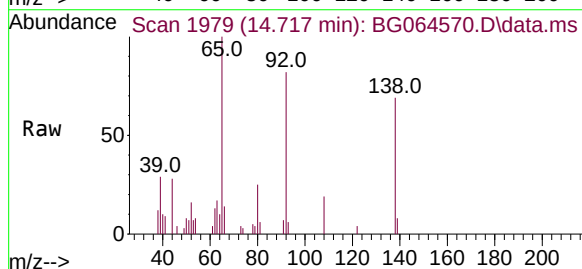
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Supervised By :Jagrut
Upadhyay

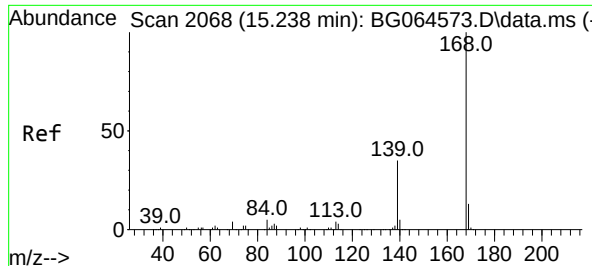
10/27/2025



#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.717 min Scan# 1979
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

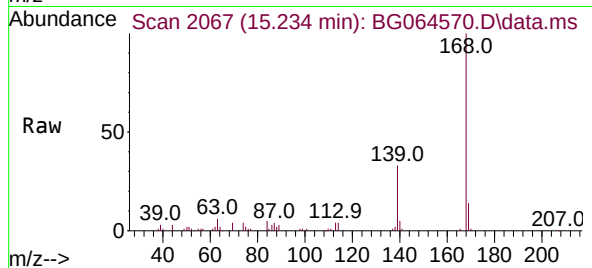
Tgt Ion:138 Resp: 5903
Ion Ratio Lower Upper
138 100
108 27.2 11.4 17.0#
92 120.0 95.3 142.9





#55
Dibenzofuran
Concen: 5.029 ng
RT: 15.234 min Scan# 2068
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



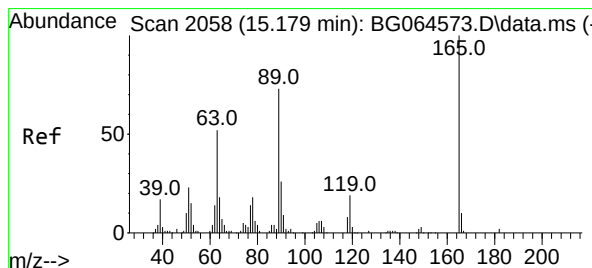
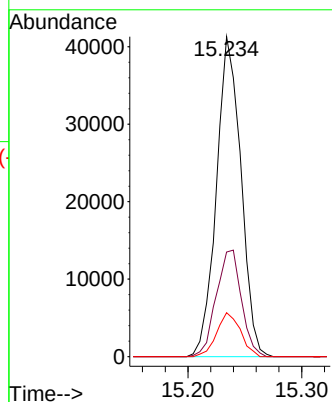
Tgt Ion:168 Resp: 61779
Ion Ratio Lower Upper
168 100
139 32.7 27.8 41.8
169 13.7 10.3 15.5

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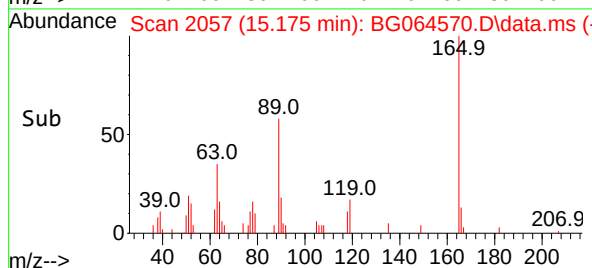
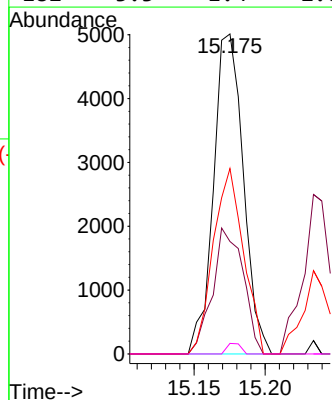
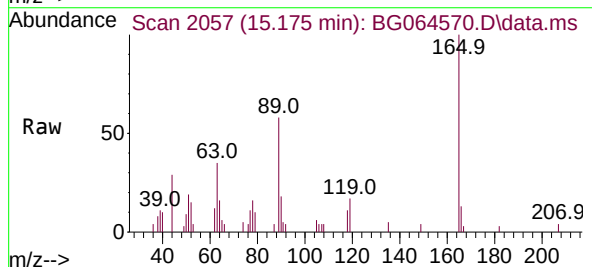
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Supervised By :Jagrut
Upadhyay

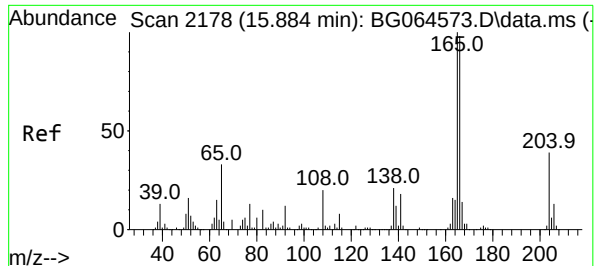
10/27/2025



#57
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 15.175 min Scan# 2057
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:165 Resp: 7312
Ion Ratio Lower Upper
165 100
63 35.1 41.8 62.8#
89 57.9 58.1 87.1#
182 3.3 1.4 2.0#





#58
Fluorene
Concen: 5.035 ng
RT: 15.880 min Scan# 2178
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:166 Resp: 48305
Ion Ratio Lower Upper
166 100
165 103.5 81.5 122.3
167 11.6 11.4 17.0

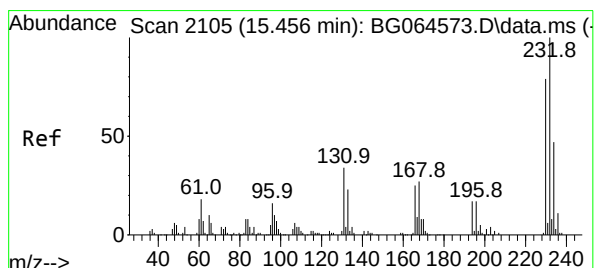
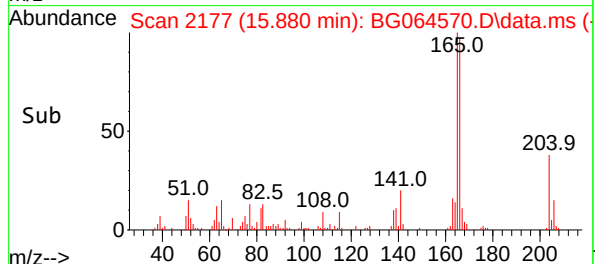
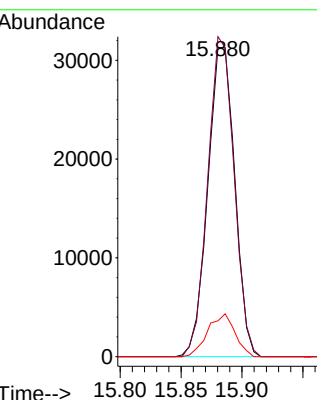
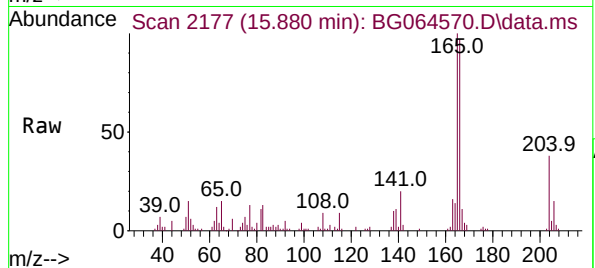
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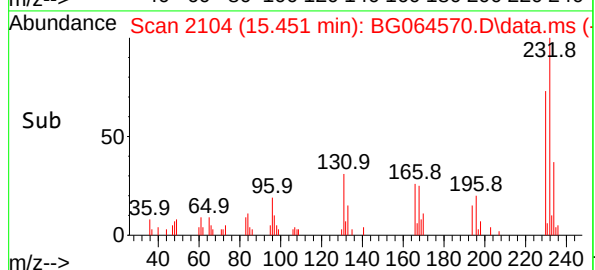
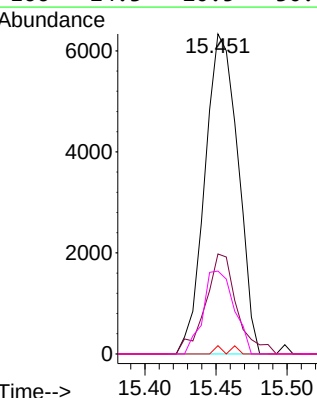
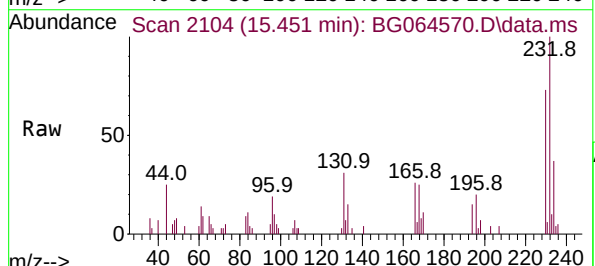
Supervised By :Jagrut
Upadhyay

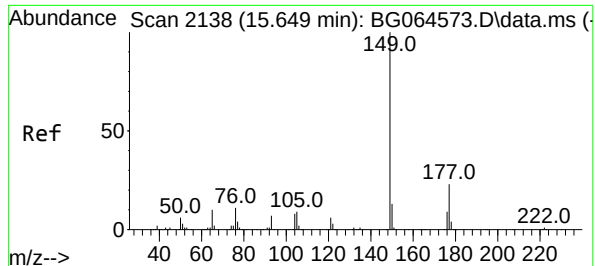
10/27/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.679 ng
RT: 15.451 min Scan# 2104
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

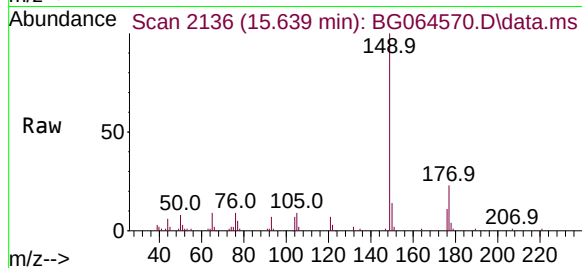
Tgt Ion:232 Resp: 10241
Ion Ratio Lower Upper
232 100
131 29.7 26.7 40.1
130 1.1 1.6 2.4#
166 24.3 20.5 30.7





#60
Diethylphthalate
Concen: 4.533 ng
RT: 15.639 min Scan# 2138
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



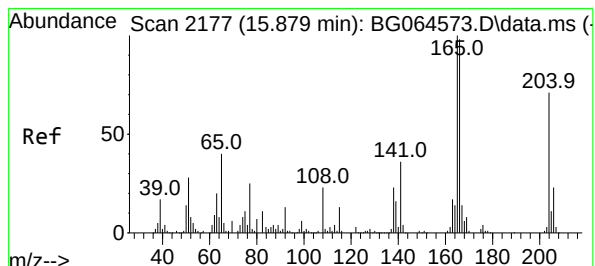
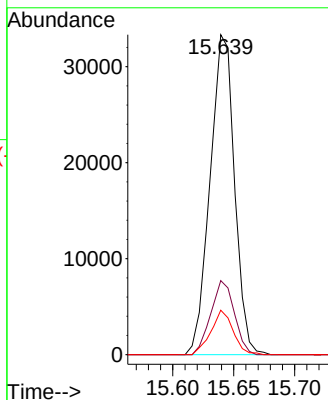
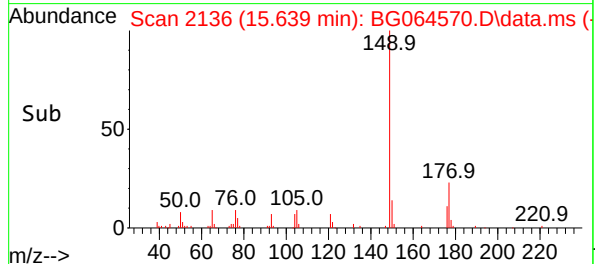
Tgt Ion:149 Resp: 46534
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 13.9 10.2 15.4

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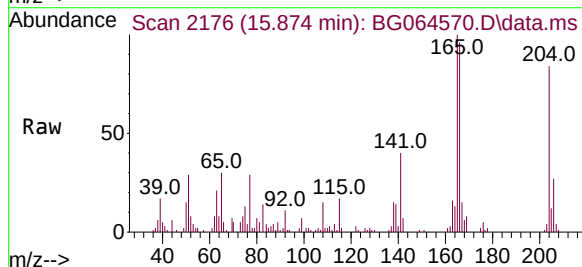
Reviewed By :Rahul
Chavli

10/27/2025
Supervised By :Jagrut
Upadhyay

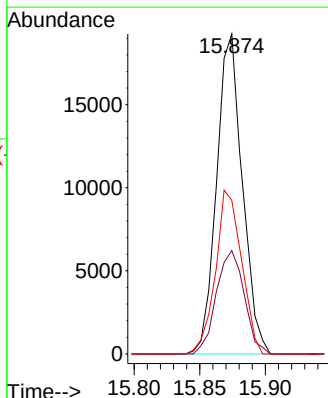
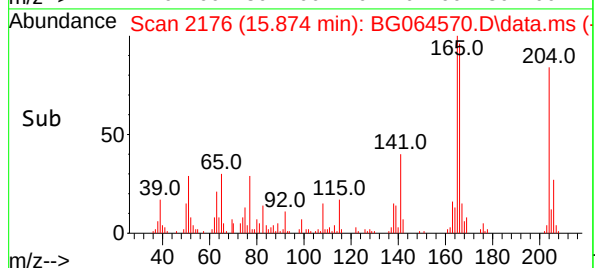
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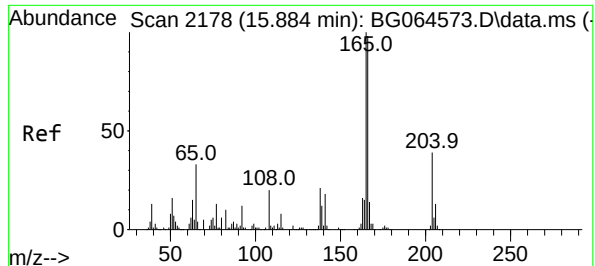


#61
4-Chlorophenyl-phenylether
Concen: 4.880 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:204 Resp: 26270
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 48.0 40.6 60.8





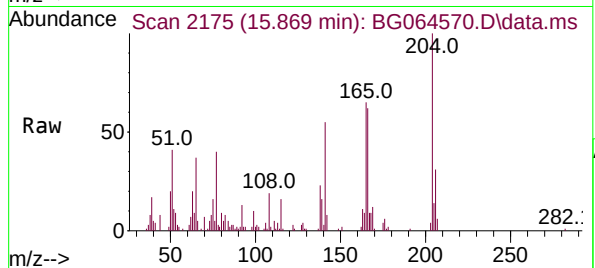
#62
4-Nitroaniline
Concen: 3.321 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.025 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



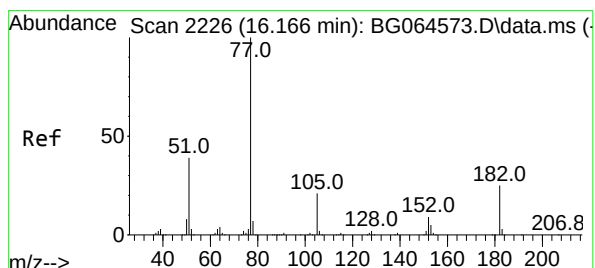
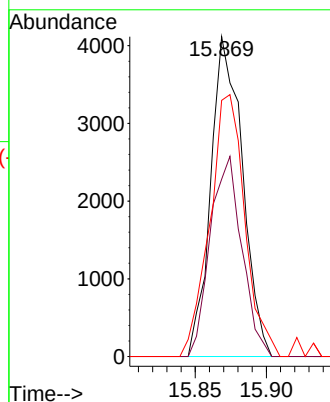
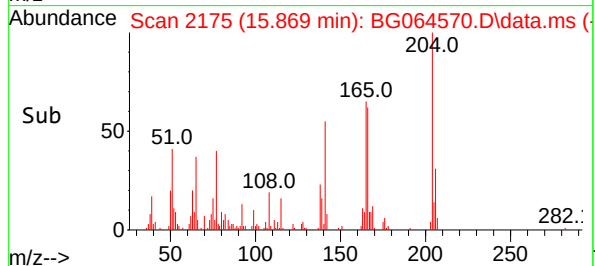
Tgt Ion:138 Resp: 6383
Ion Ratio Lower Upper
138 100
92 55.4 36.1 76.1
108 80.1 75.6 115.6

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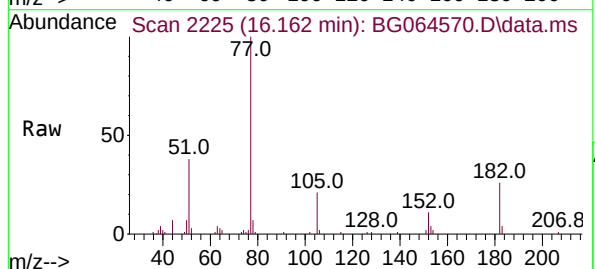
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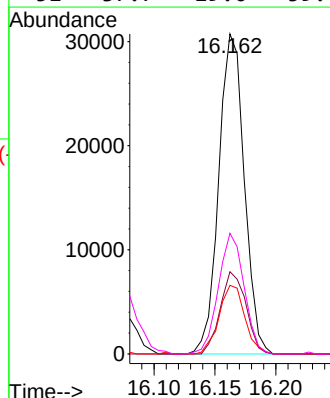
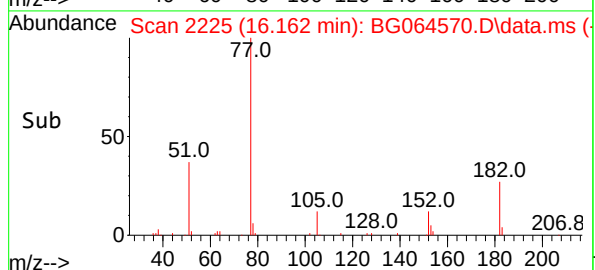
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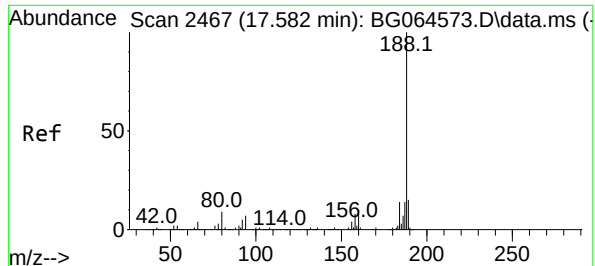


#63
Azobenzene
Concen: 4.749 ng
RT: 16.162 min Scan# 2225
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



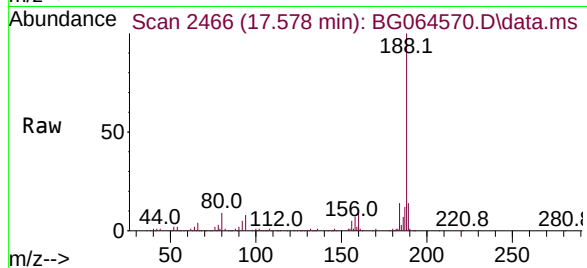
Tgt Ion: 77 Resp: 44729
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 21.4 1.3 41.3
51 37.7 19.0 59.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



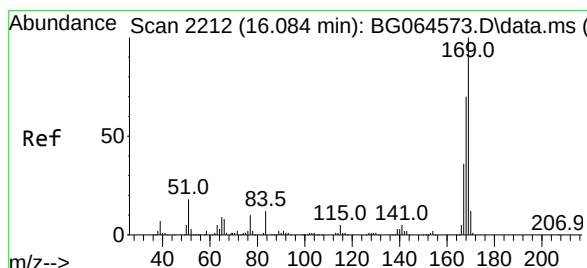
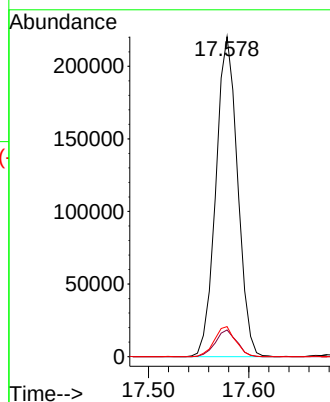
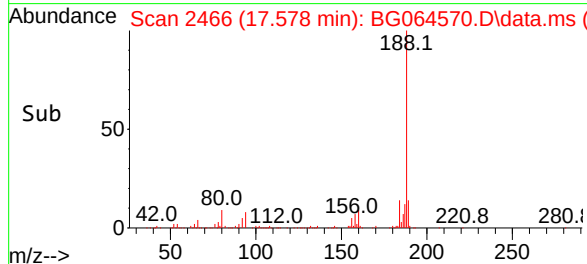
Tgt Ion:188 Resp: 331372
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 9.4 6.8 10.2

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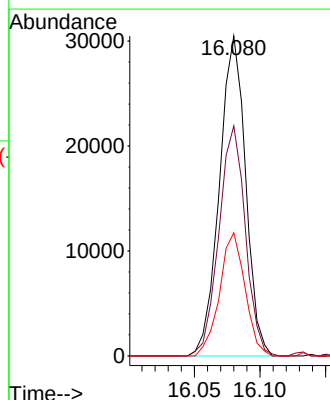
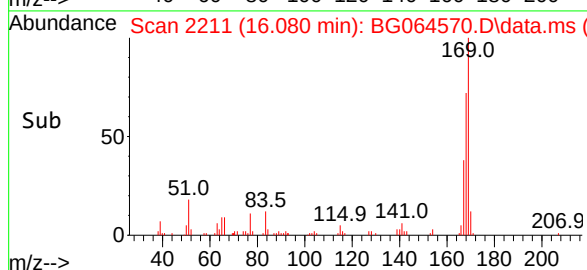
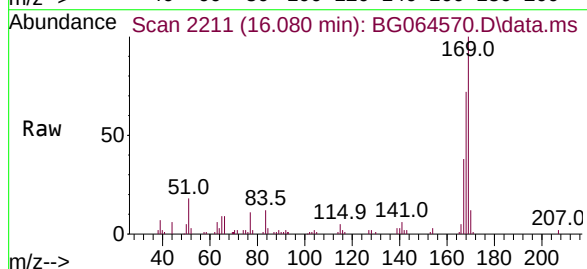
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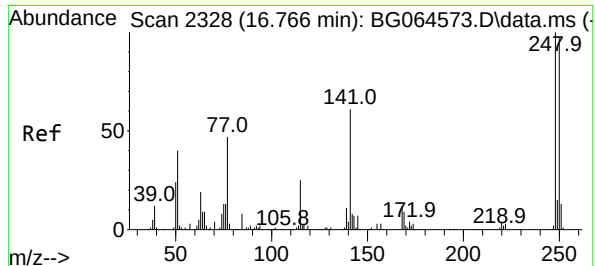
10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 4.725 ng
RT: 16.080 min Scan# 2211
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

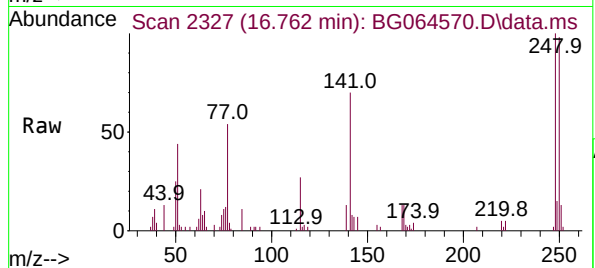
Tgt Ion:169 Resp: 42291
Ion Ratio Lower Upper
169 100
168 71.9 56.3 84.5
167 38.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 16.762 min Scan# 2328
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



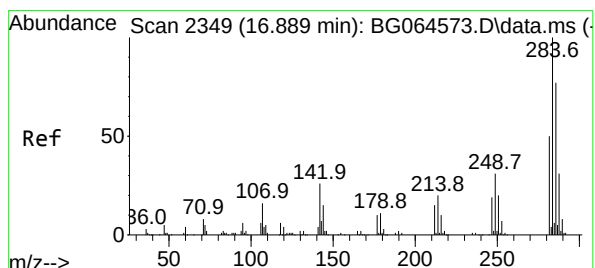
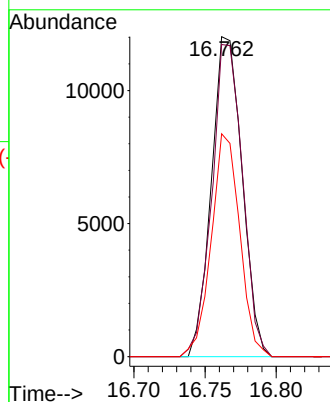
Tgt Ion:248 Resp: 18064
Ion Ratio Lower Upper
248 100
250 97.5 77.7 116.5
141 69.6 48.6 72.8

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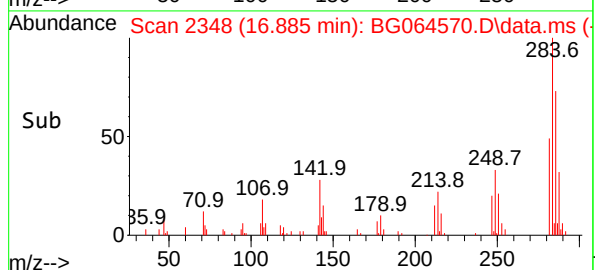
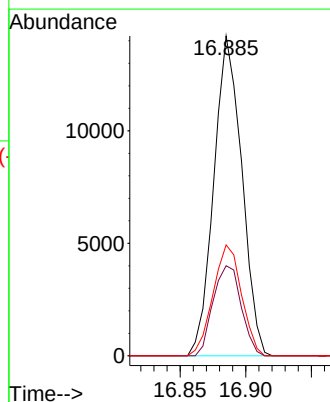
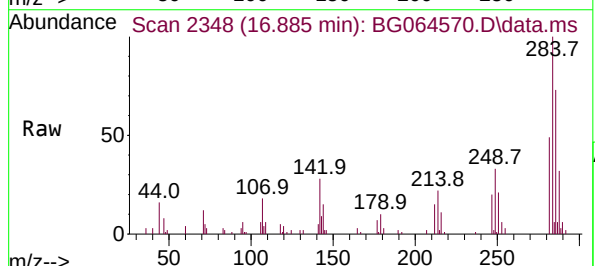
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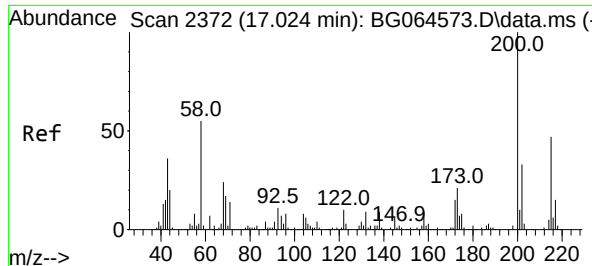
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#68
Hexachlorobenzene
Concen: 4.705 ng
RT: 16.885 min Scan# 2348
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

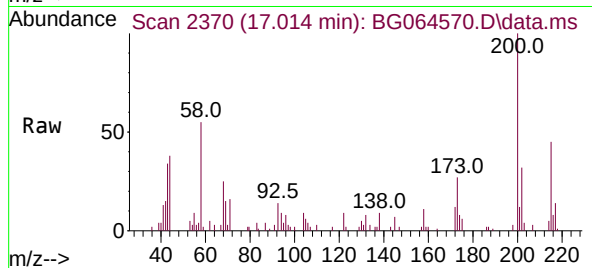
Tgt Ion:284 Resp: 21076
Ion Ratio Lower Upper
284 100
142 28.2 21.0 31.6
249 34.7 24.9 37.3





#69
 Atrazine
 Concen: 4.616 ng
 RT: 17.014 min Scan# 2470
 Delta R.T. -0.014 min
 Lab File: BG064570.D
 Acq: 24 Oct 2025 9:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005



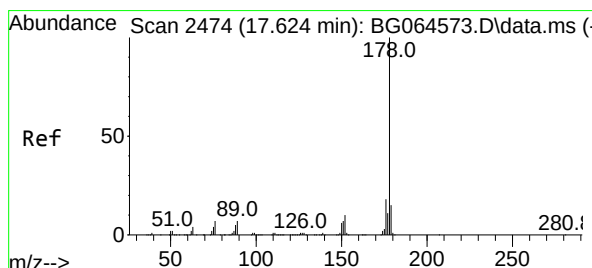
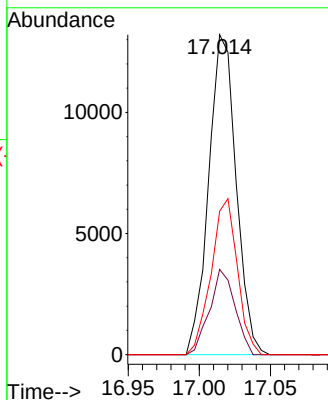
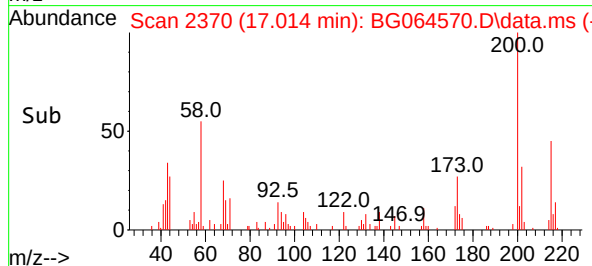
Tgt Ion:200 Resp: 17783
 Ion Ratio Lower Upper
 200 100
 173 26.6 0.9 40.9
 215 44.8 27.0 67.0

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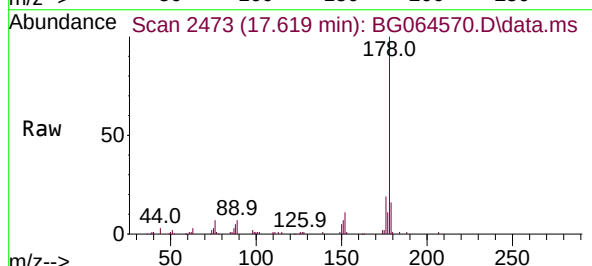
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 Upadhyay

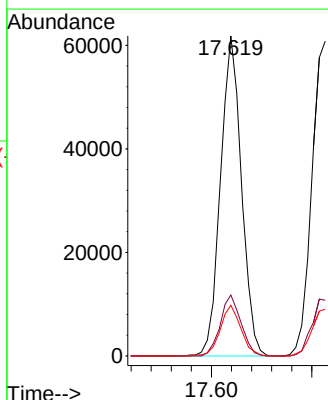
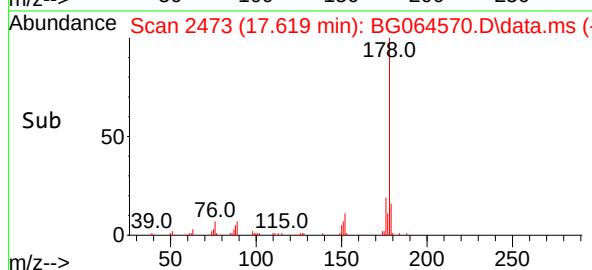
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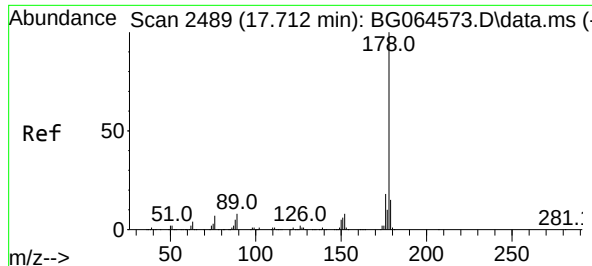


#71
 Phenanthrene
 Concen: 4.954 ng
 RT: 17.619 min Scan# 2473
 Delta R.T. -0.008 min
 Lab File: BG064570.D
 Acq: 24 Oct 2025 9:41



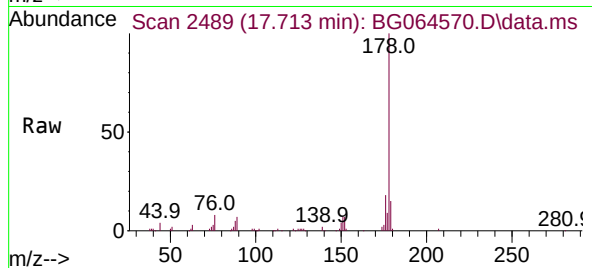
Tgt Ion:178 Resp: 89771
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.7 22.1
 179 15.8 12.2 18.4





#72
Anthracene
Concen: 4.886 ng
RT: 17.713 min Scan# 2489
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



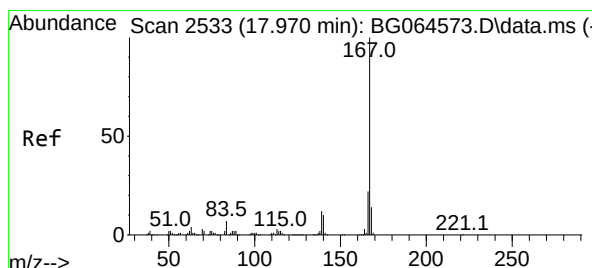
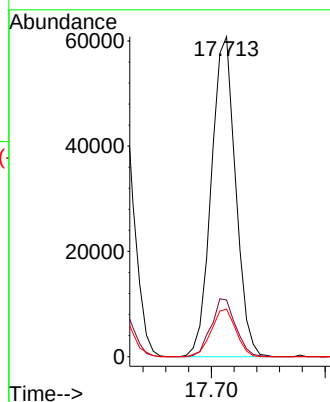
Tgt Ion:178 Resp: 90063
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 14.8 12.4 18.6

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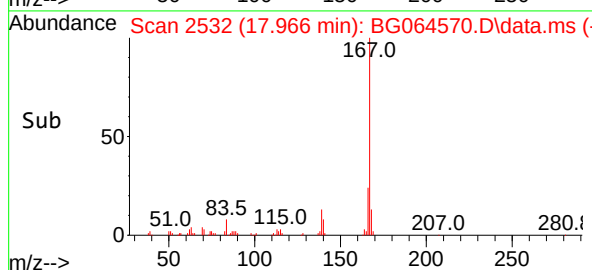
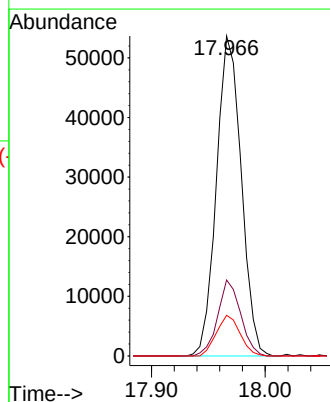
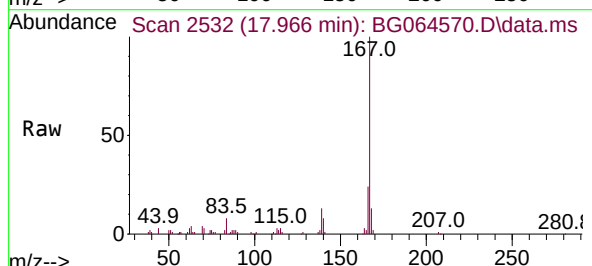
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Upadhyay

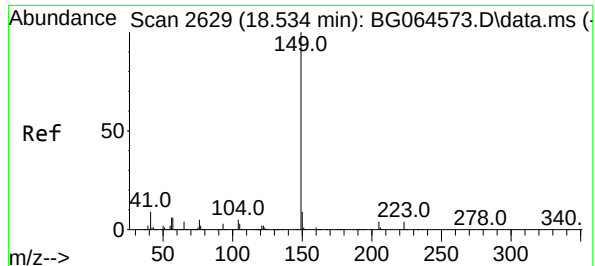
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#73
Carbazole
Concen: 5.005 ng
RT: 17.966 min Scan# 2532
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

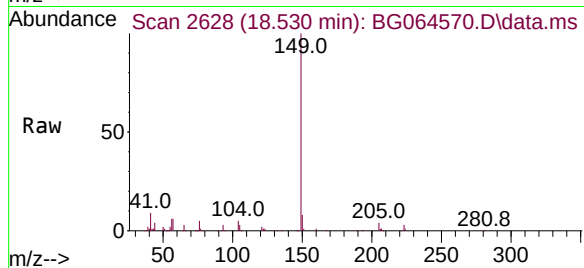
Tgt Ion:167 Resp: 81350
Ion Ratio Lower Upper
167 100
166 23.7 17.9 26.9
139 12.7 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.454 ng
RT: 18.530 min Scan# 2629
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



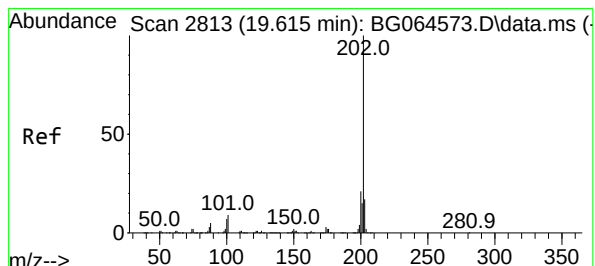
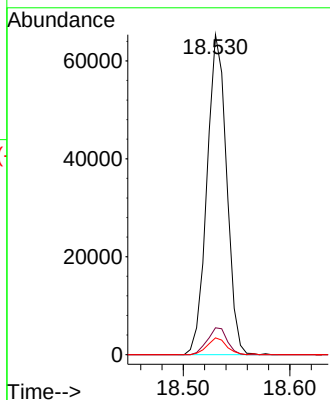
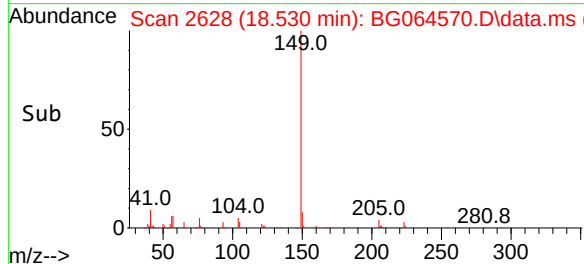
Tgt Ion:149 Resp: 83713
Ion Ratio Lower Upper
149 100
150 8.4 7.0 10.6
104 5.2 4.1 6.1

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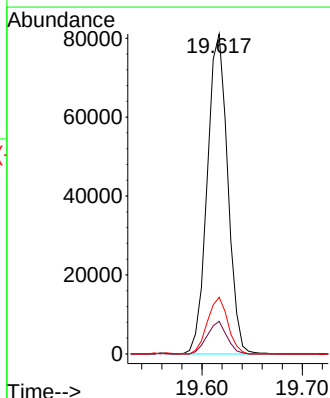
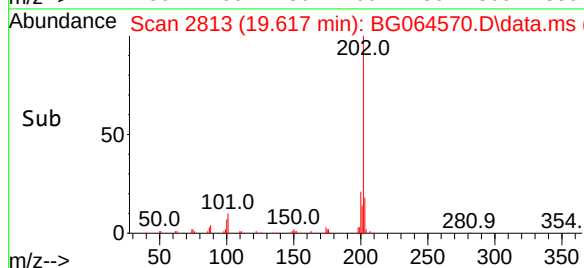
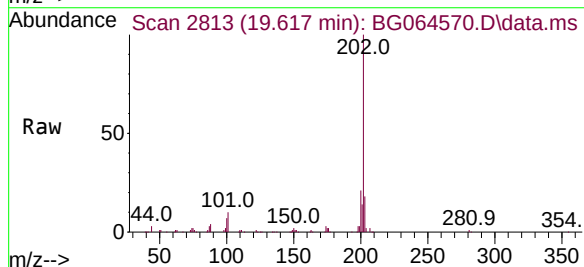
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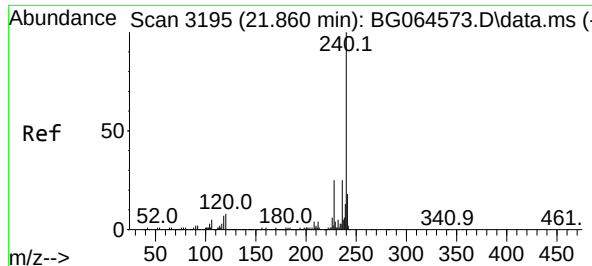
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#75
Fluoranthene
Concen: 5.054 ng
RT: 19.617 min Scan# 2813
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

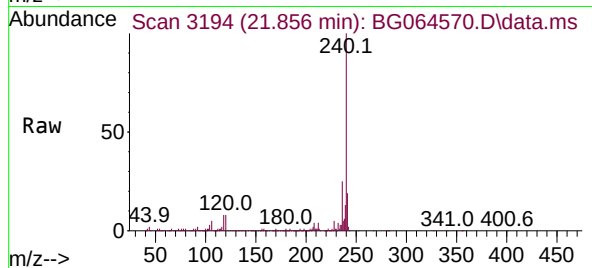
Tgt Ion:202 Resp: 114724
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.7
203 17.7 0.0 37.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3195
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



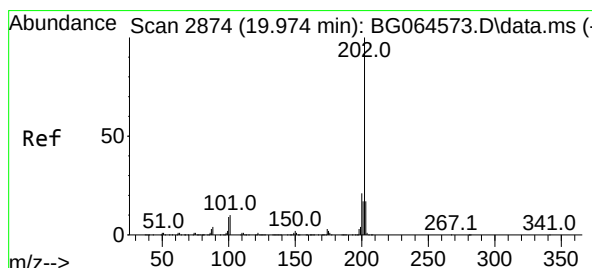
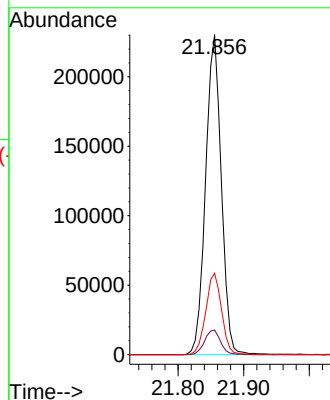
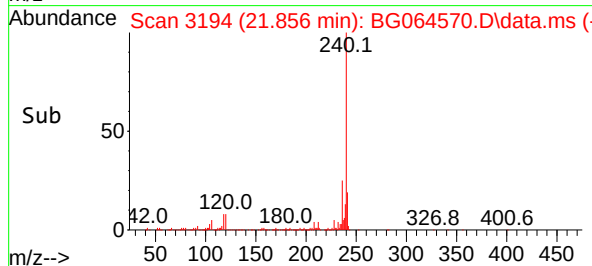
Tgt Ion:240 Resp: 381389
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 25.4 20.2 30.2

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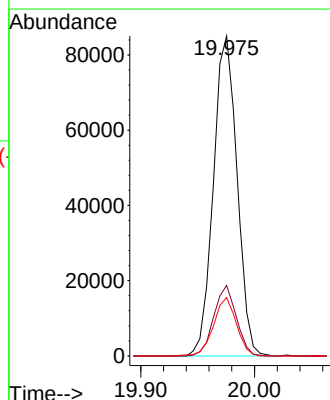
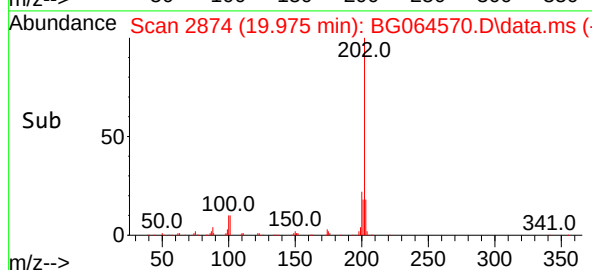
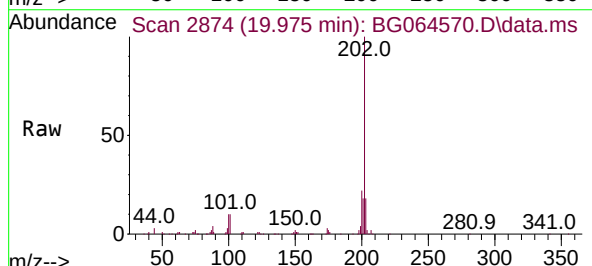
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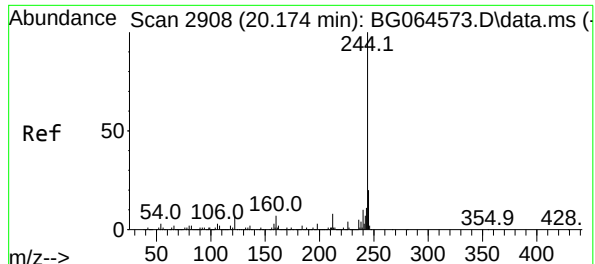
10/27/2025



#78
Pyrene
Concen: 4.923 ng
RT: 19.975 min Scan# 2874
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

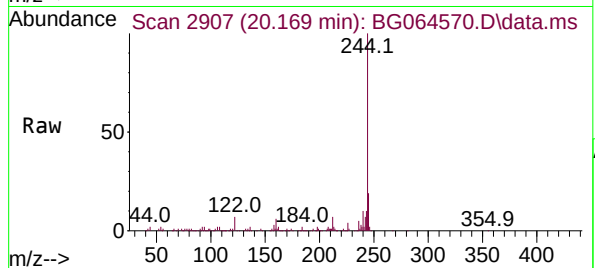
Tgt Ion:202 Resp: 122676
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.2 13.8 20.6





#79
Terphenyl-d14
Concen: 10.130 ng
RT: 20.169 min Scan# 2907
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



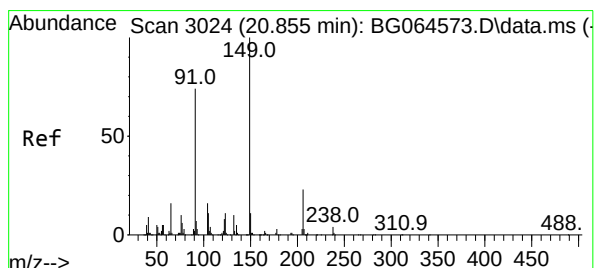
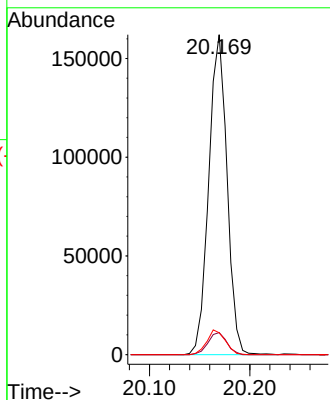
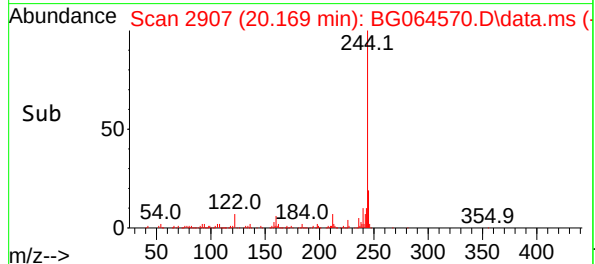
Tgt Ion:244 Resp: 204719
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 6.8 5.6 8.4

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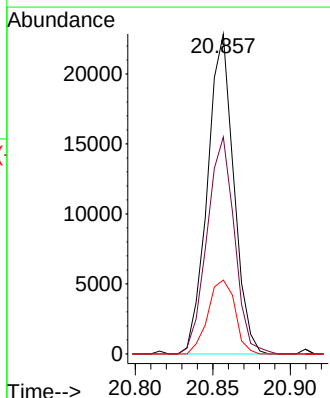
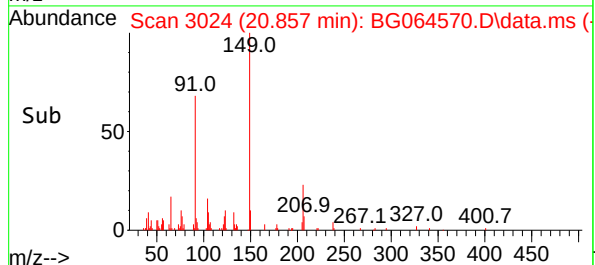
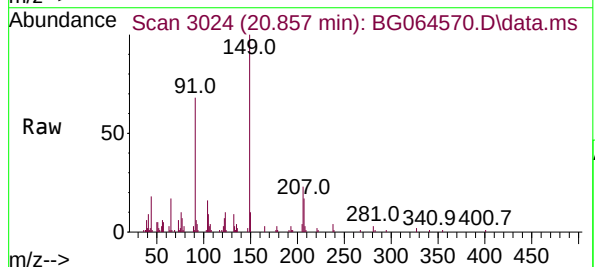
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Upadhyay

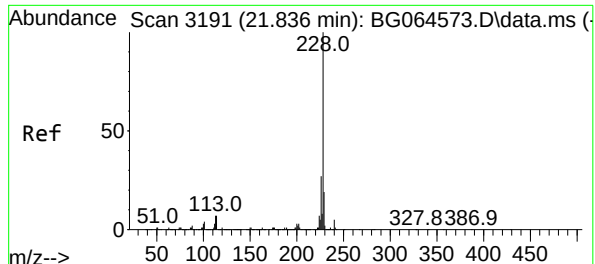
10/27/2025



#80
Butylbenzylphthalate
Concen: 3.595 ng
RT: 20.857 min Scan# 3024
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

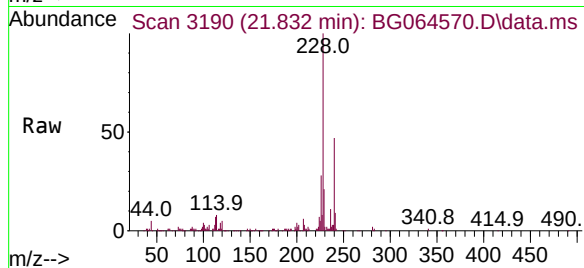
Tgt Ion:149 Resp: 27072
Ion Ratio Lower Upper
149 100
91 67.8 59.2 88.8
206 23.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 4.878 ng
RT: 21.832 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005



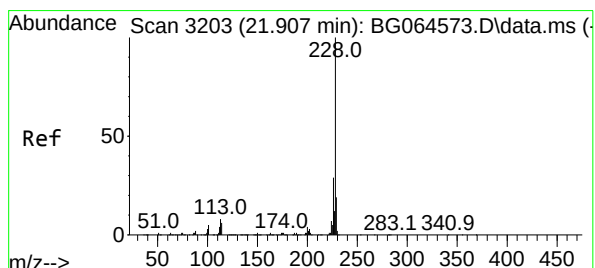
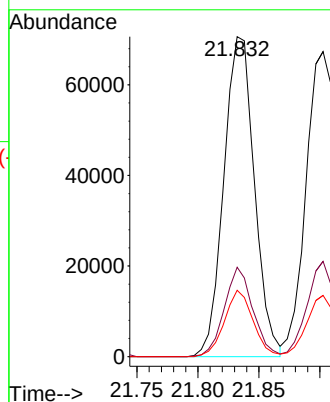
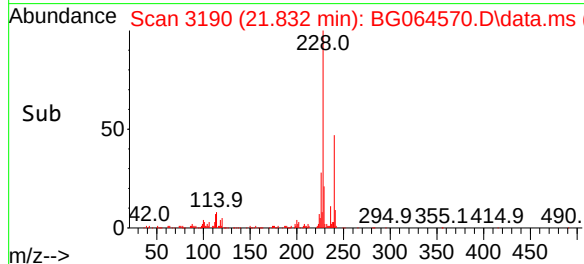
Tgt Ion:228 Resp: 123345
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.7 15.6 23.4

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

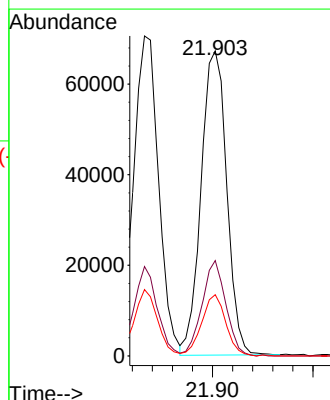
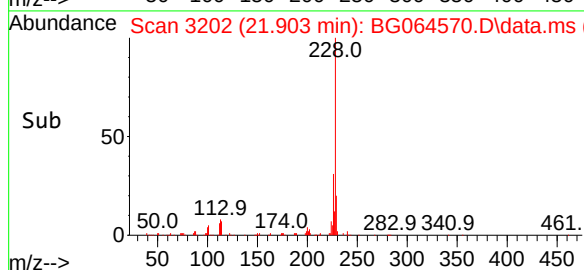
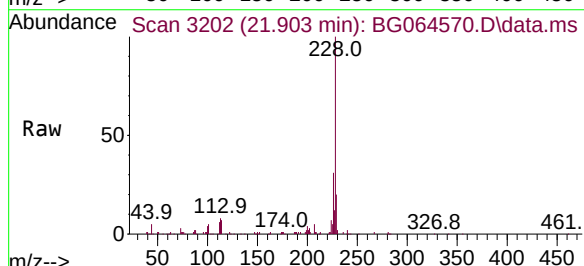
10/27/2025
Supervised By :Jagrut
Upadhyay

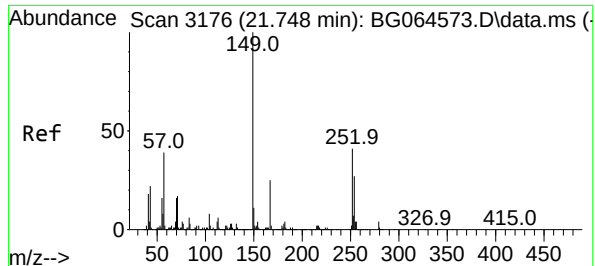
10/27/2025



#83
Chrysene
Concen: 4.949 ng
RT: 21.903 min Scan# 3202
Delta R.T. -0.008 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:228 Resp: 119080
Ion Ratio Lower Upper
228 100
226 31.2 23.3 34.9
229 20.1 15.2 22.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.098 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

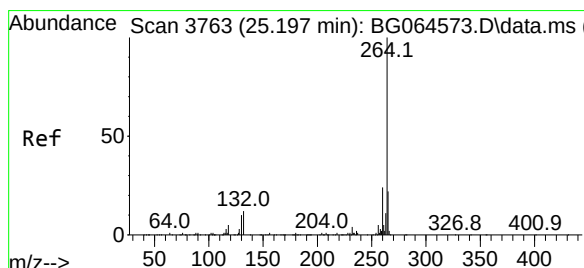
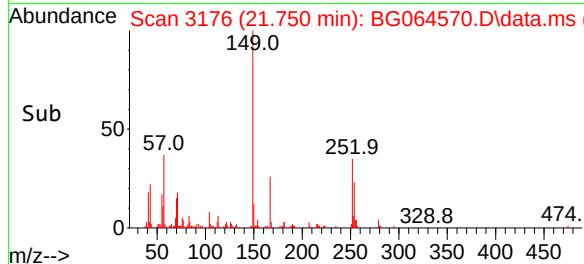
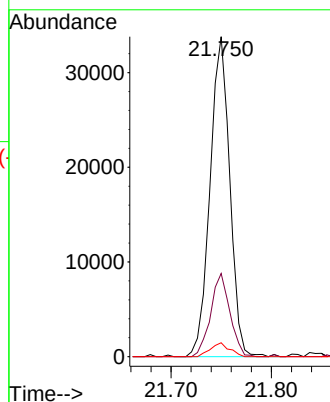
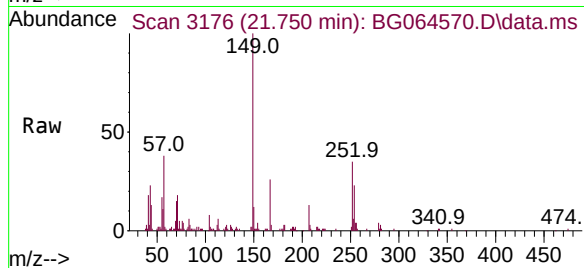
Tgt Ion:149 Resp: 46117
Ion Ratio Lower Upper
149 100
167 26.0 20.0 30.0
279 4.3 3.1 4.7

Manual Integrations
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Reviewed By :Rahul
Chavli

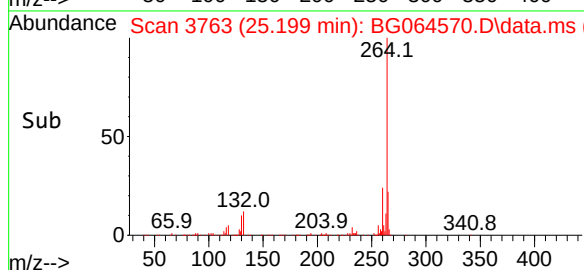
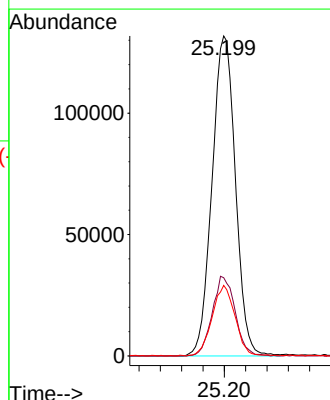
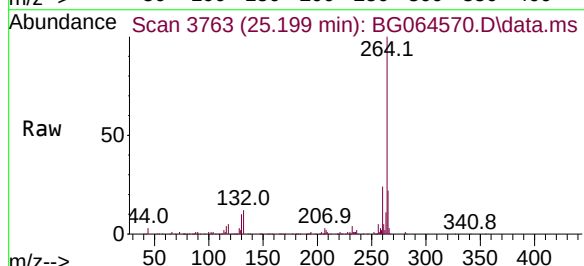
10/27/2025
Supervised By :Jagrut
Upadhyay

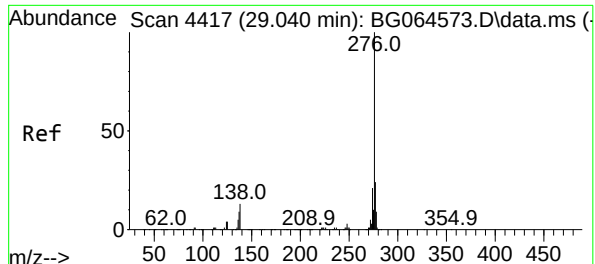
10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. -0.002 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Tgt Ion:264 Resp: 401350
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.1 17.6 26.4





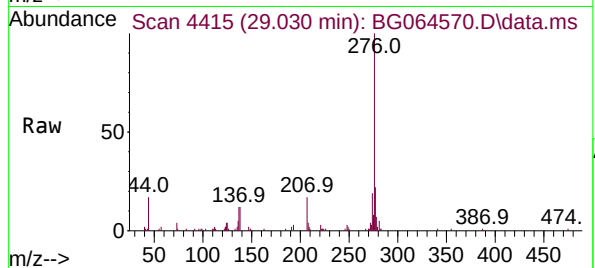
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 29.030 min Scan# 4417
Delta R.T. -0.031 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



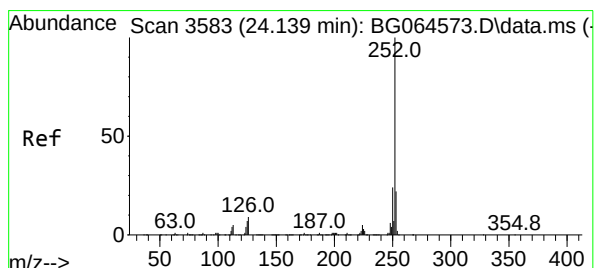
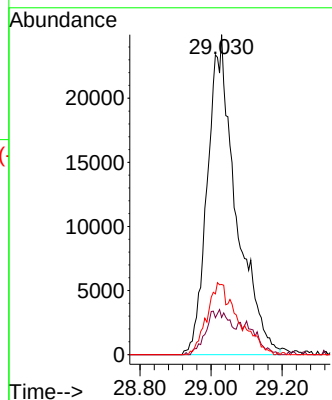
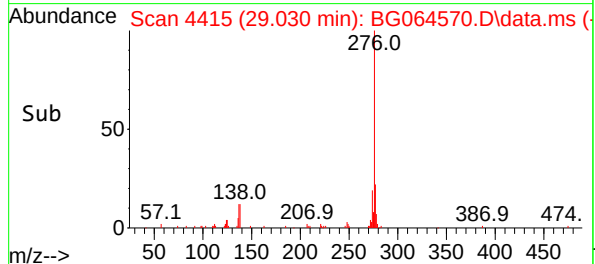
Tgt Ion:276 Resp: 138758
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2
277 24.6 20.1 30.1

Manual Integrations
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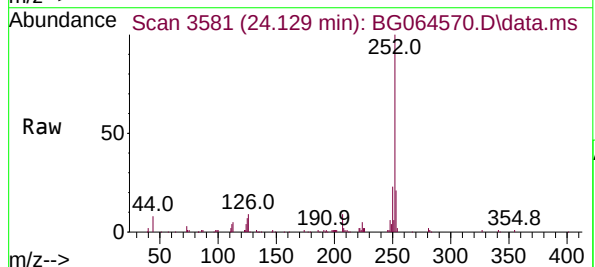
Reviewed By :Rahul
Chavli

10/27/2025
Supervised By :Jagrut
Upadhyay

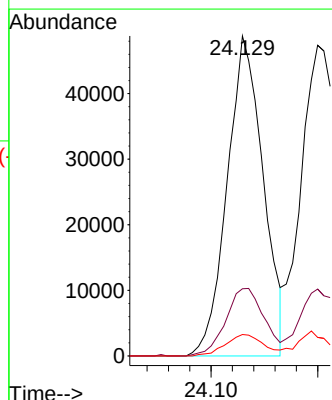
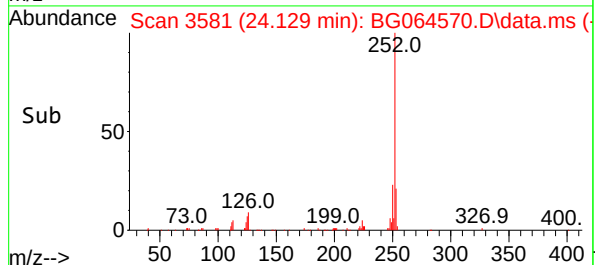
10/27/2025

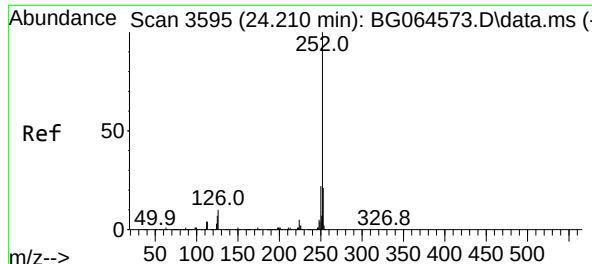


#88
Benzo(b)fluoranthene
Concen: 4.640 ng
RT: 24.129 min Scan# 3581
Delta R.T. -0.014 min
Lab File: BG064570.D
Acq: 24 Oct 2025 9:41



Tgt Ion:252 Resp: 114203
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 6.7 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 4.787 ng

RT: 24.200 min Scan# 3595

Delta R.T. -0.019 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

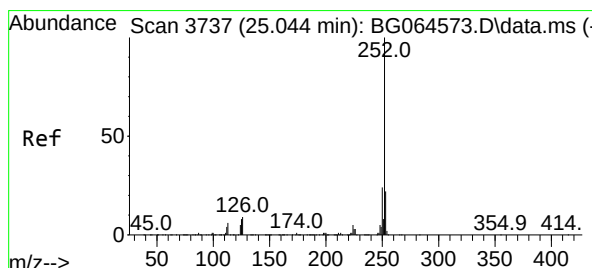
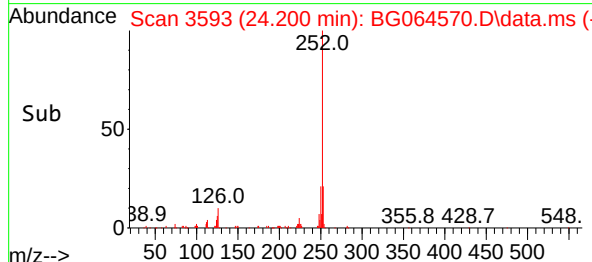
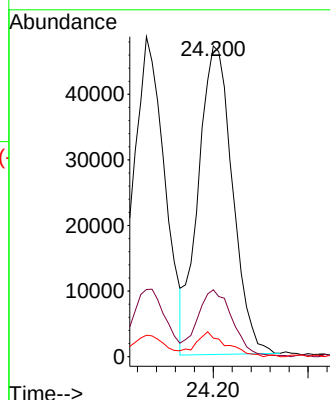
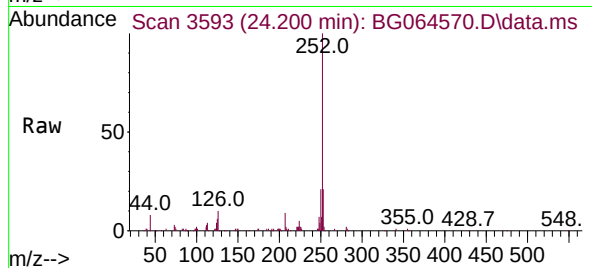
Tgt Ion:252 Resp: 117893
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 6.0 5.4 8.0

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

10/27/2025
Supervised By :Jagrut
Upadhyay

10/27/2025



#90

Benzo(a)pyrene

Concen: 4.704 ng

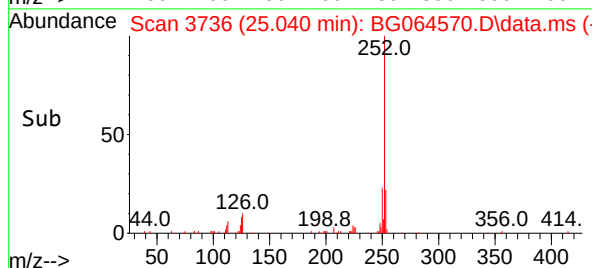
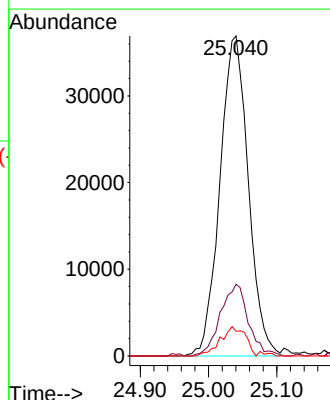
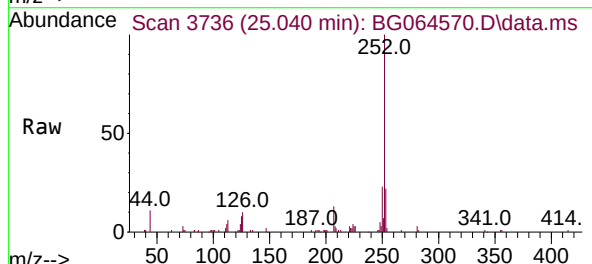
RT: 25.040 min Scan# 3736

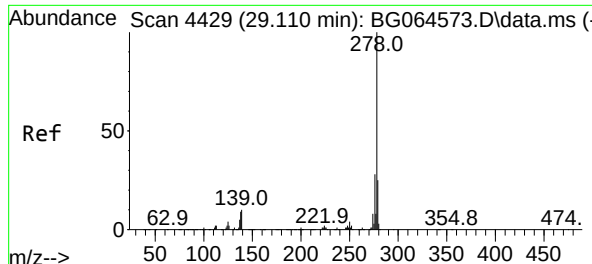
Delta R.T. -0.020 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Tgt Ion:252 Resp: 106414
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.7 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 4.686 ng

RT: 29.100 min Scan# 4429

Delta R.T. -0.037 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 112398

Ion Ratio Lower Upper

278 100

139 10.5 8.0 12.0

279 22.2 19.8 29.6

Manual Integrations

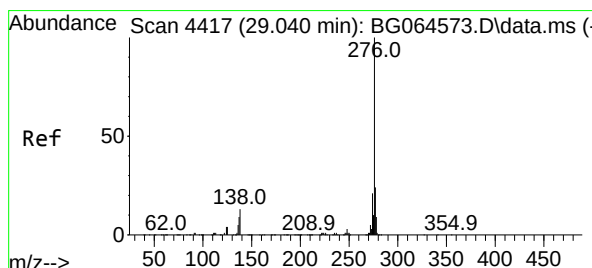
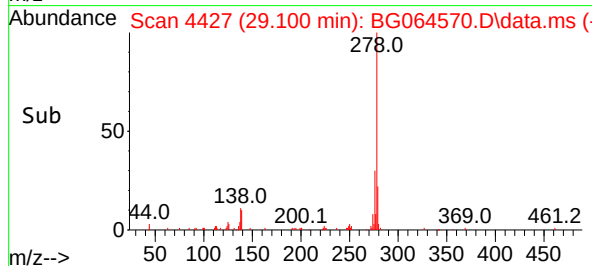
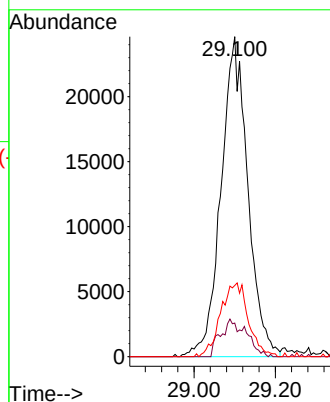
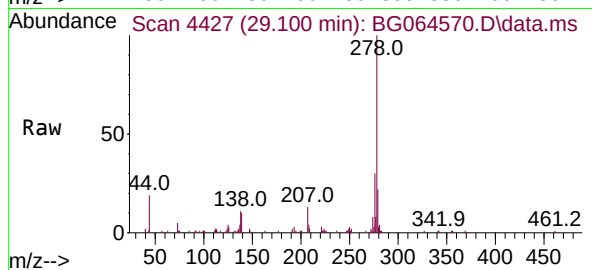
APPROVED

Reviewed By :Rahul
Chavli

10/27/2025

Supervised By :Jagrut
Upadhyay

10/27/2025



#92

Benzo(g,h,i)perylene

Concen: 4.700 ng

RT: 29.030 min Scan# 4415

Delta R.T. -0.031 min

Lab File: BG064570.D

Acq: 24 Oct 2025 9:41

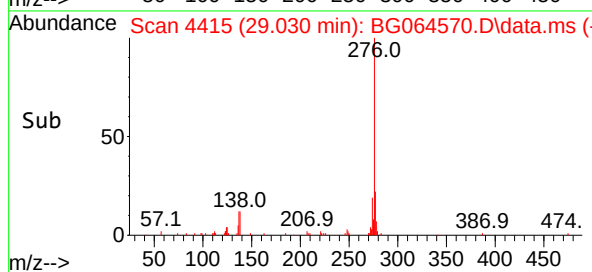
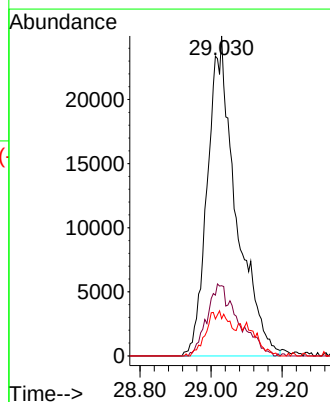
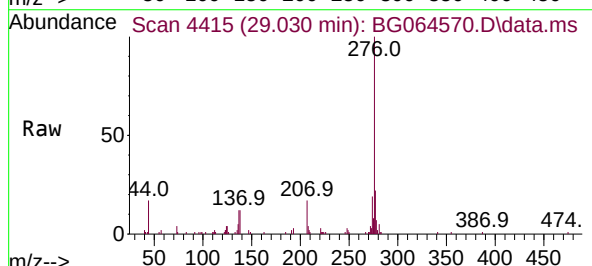
Tgt Ion:276 Resp: 138758

Ion Ratio Lower Upper

276 100

277 21.9 19.2 28.8

138 11.6 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:10:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	36324	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	151627	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	117618	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	300549	20.000	ng	0.00
76) Chrysene-d12	21.855	240	343958	20.000	ng	0.00
86) Perylene-d12	25.198	264	354939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	43837	20.257	ng	0.00
7) Phenol-d6	7.348	99	60084	20.233	ng	0.00
23) Nitrobenzene-d5	9.381	82	43376	17.182	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	31236	18.400	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	163340	21.050	ng	0.00
79) Terphenyl-d14	20.168	244	385094	21.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	10545	11.006	ng	97
3) Pyridine	3.999	79	29199	10.148	ng	95
4) n-Nitrosodimethylamine	3.905	42	16561	10.733	ng	# 92
6) Aniline	7.530	93	42134	10.427	ng	97
8) 2-Chlorophenol	7.777	128	21922	9.678	ng	96
9) Benzaldehyde	7.342	77	17117	10.558	ng	94
10) Phenol	7.372	94	33058	10.066	ng	87
11) bis(2-Chloroethyl)ether	7.530	93	42134	10.427	ng	100
12) 1,3-Dichlorobenzene	8.112	146	27537	10.562	ng	98
13) 1,4-Dichlorobenzene	8.253	146	28081	10.593	ng	91
14) 1,2-Dichlorobenzene	8.576	146	27577	10.785	ng	96
15) Benzyl Alcohol	8.447	79	23263	9.500	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.741	45	65452	10.334	ng	97
17) 2-Methylphenol	8.441	107	12176	9.947	ng	91
18) Hexachloroethane	9.322	117	9723	10.452	ng	93
19) n-Nitroso-di-n-propyla...	9.017	70	20724	10.098	ng	# 98
20) 3+4-Methylphenols	8.970	107	30009	9.786	ng	95
22) Acetophenone	9.040	105	42851	10.338	ng	# 93
24) Nitrobenzene	9.422	77	23618	8.602	ng	98
25) Isophorone	9.951	82	60347	9.962	ng	98
26) 2-Nitrophenol	10.139	139	7208	9.491	ng	# 91
27) 2,4-Dimethylphenol	10.192	122	22259	9.685	ng	96
28) bis(2-Chloroethoxy)met...	10.433	93	35170	10.197	ng	98
29) 2,4-Dichlorophenol	10.680	162	22643	9.338	ng	94
30) 1,2,4-Trichlorobenzene	10.903	180	27947	10.143	ng	93
31) Naphthalene	11.097	128	86750	10.319	ng	99
32) Benzoic acid	10.245	122	7890m	11.001	ng	
33) 4-Chloroaniline	11.185	127	34581	10.583	ng	97
34) Hexachlorobutadiene	11.390	225	22099	10.256	ng	95
35) Caprolactam	11.931	113	8521	9.162	ng	92
36) 4-Chloro-3-methylphenol	12.289	107	28904	9.916	ng	98
37) 2-Methylnaphthalene	12.689	142	65070	10.543	ng	95
38) 1-Methylnaphthalene	12.906	142	64384	10.601	ng	95
40) 1,2,4,5-Tetrachloroben...	13.053	216	40253	10.197	ng	98
41) Hexachlorocyclopentadiene	13.036	237	15733	8.855	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	19584	8.673	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064571.D
 Acq On : 24 Oct 2025 11:02
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:10:56 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	24973	9.584	ng	94
46) 1,1'-Biphenyl	13.682	154	85287	10.200	ng	96
47) 2-Chloronaphthalene	13.723	162	63631	10.081	ng	98
48) 2-Nitroaniline	13.905	65	13764	9.284	ng	91
49) Acenaphthylene	14.563	152	101526	10.198	ng	100
50) Dimethylphthalate	14.281	163	92308	10.256	ng	96
51) 2,6-Dinitrotoluene	14.393	165	10601	9.857	ng	87
52) Acenaphthene	14.904	154	69273	10.184	ng	97
53) 3-Nitroaniline	14.722	138	12414	8.026	ng	# 92
54) 2,4-Dinitrophenol	14.922	184	5082	10.760	ng	# 1
55) Dibenzofuran	15.239	168	115990	10.548	ng	97
56) 4-Nitrophenol	15.010	139	11207	7.815	ng	86
57) 2,4-Dinitrotoluene	15.174	165	15797	9.494	ng	# 94
58) Fluorene	15.879	166	91712	10.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.450	232	22645	9.088	ng	# 99
60) Diethylphthalate	15.644	149	96719	10.525	ng	98
61) 4-Chlorophenyl-phenyle...	15.873	204	50818	10.544	ng	97
62) 4-Nitroaniline	15.873	138	14819	8.612	ng	95
63) Azobenzene	16.161	77	88441	10.489	ng	97
65) 4,6-Dinitro-2-methylph...	15.938	198	8190	10.919	ng	86
66) n-Nitrosodiphenylamine	16.079	169	82787	10.197	ng	99
67) 4-Bromophenyl-phenylether	16.767	248	35433	9.949	ng	96
68) Hexachlorobenzene	16.884	284	39975	9.838	ng	94
69) Atrazine	17.019	200	34185	9.785	ng	99
70) Pentachlorophenol	17.225	266	19859	7.838	ng	96
71) Phenanthrene	17.618	178	170294	10.361	ng	99
72) Anthracene	17.712	178	171860	10.279	ng	98
73) Carbazole	17.965	167	155907	10.575	ng	99
74) Di-n-butylphthalate	18.529	149	173716	10.189	ng	99
75) Fluoranthene	19.616	202	219838	10.677	ng	98
77) Benzidine	19.781	184	67427	8.750	ng	99
78) Pyrene	19.975	202	228905	10.186	ng	99
80) Butylbenzylphthalate	20.850	149	61669	9.080	ng	94
81) Benzo(a)anthracene	21.831	228	233051	10.219	ng	99
82) 3,3'-Dichlorobenzidine	21.737	252	71951	9.448	ng	94
83) Chrysene	21.902	228	222018	10.231	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	95500	9.410	ng	# 99
85) Di-n-octyl phthalate	23.012	149	149877	8.759	ng	99
87) Indeno(1,2,3-cd)pyrene	29.023	276	264547	10.132	ng	93
88) Benzo(b)fluoranthene	24.128	252	221197	10.163	ng	98
89) Benzo(k)fluoranthene	24.199	252	223674	10.270	ng	98
90) Benzo(a)pyrene	25.033	252	202985	10.146	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	217114	10.235	ng	99
92) Benzo(g,h,i)perylene	29.023	276	264547	10.132	ng	97

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

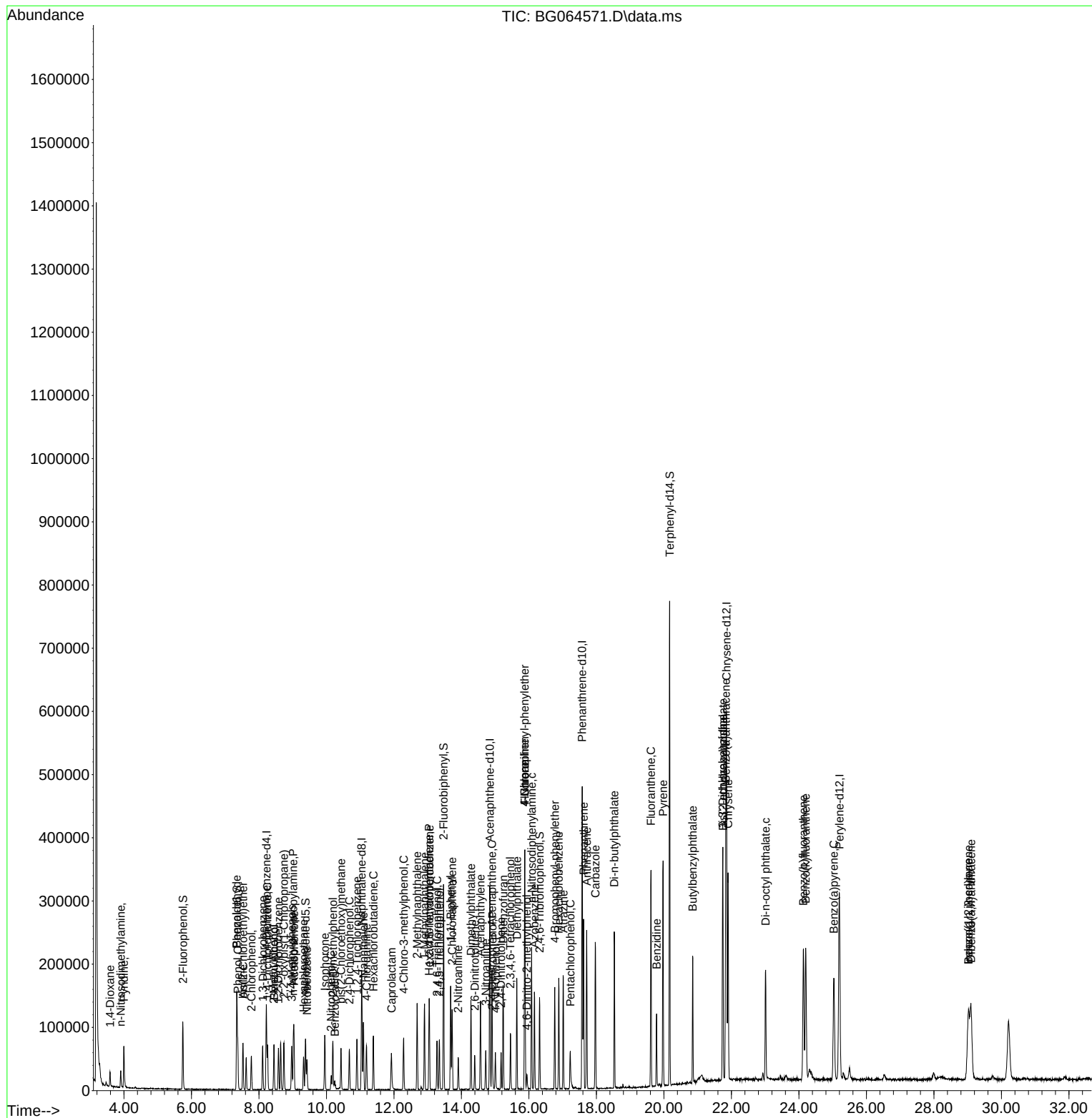
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Data File : BG064571.D  
Acq On    : 24 Oct 2025  11:02  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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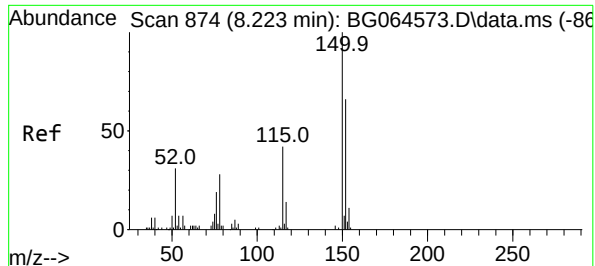
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

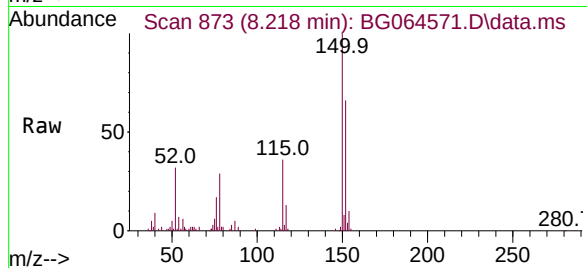
Quant Time: Oct 24 17:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

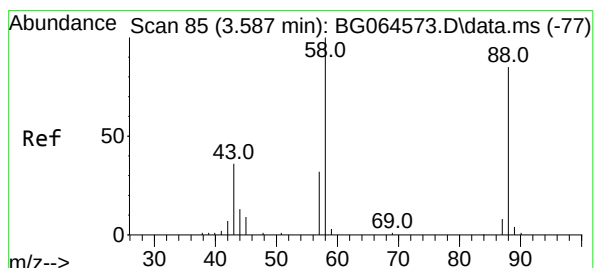
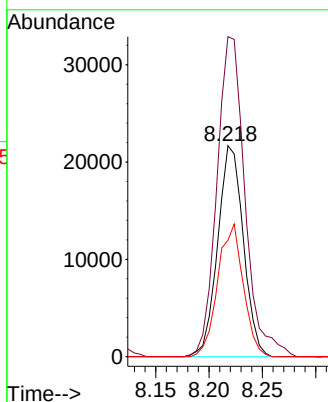
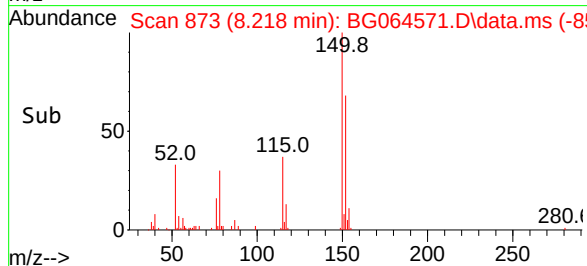
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 36324
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 55.1 50.8 76.2

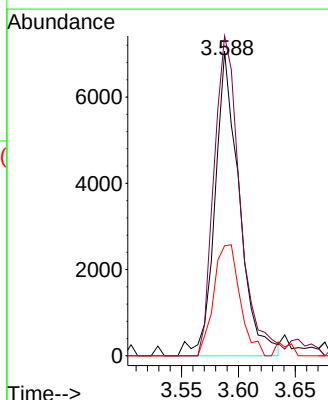
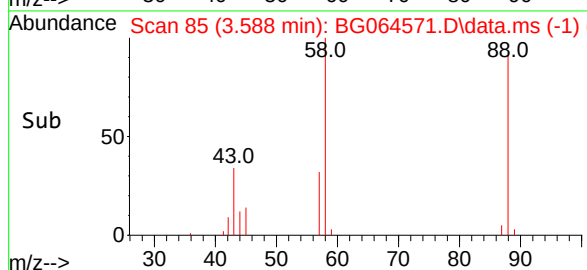
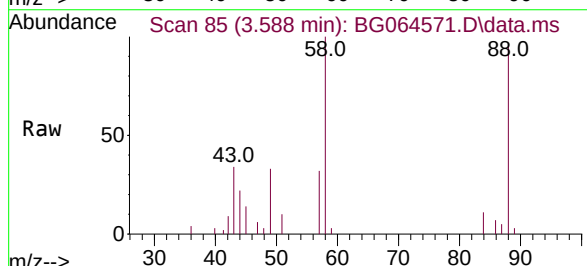
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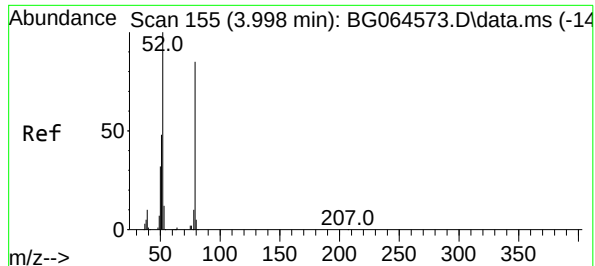
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 11.006 ng
RT: 3.588 min Scan# 85
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

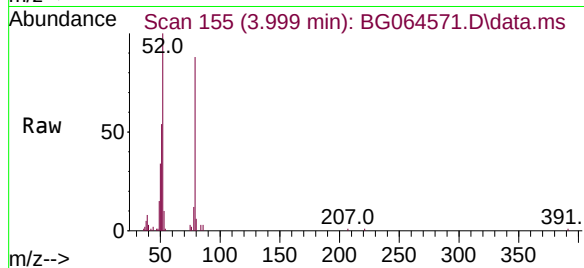
Tgt Ion: 88 Resp: 10545
Ion Ratio Lower Upper
88 100
58 112.0 92.4 138.6
43 39.4 33.0 49.6





#3
Pyridine
Concen: 10.148 ng
RT: 3.999 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

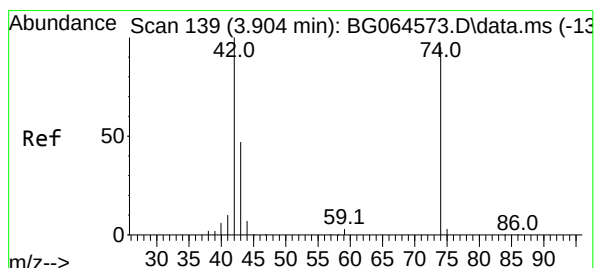
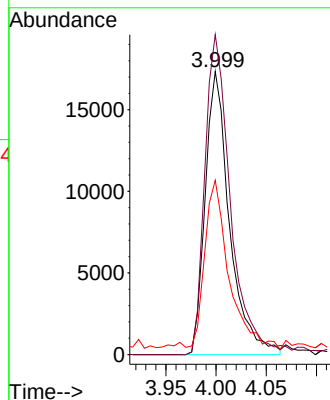
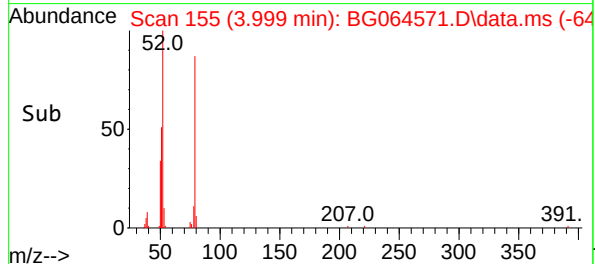
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 29199
Ion Ratio Lower Upper
79 100
52 113.0 94.2 141.2
51 61.6 46.1 69.1

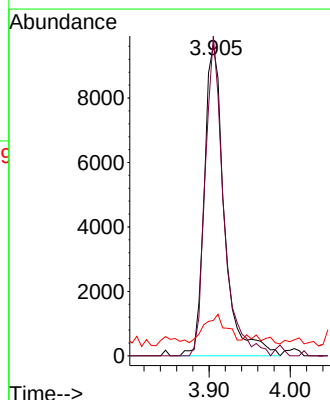
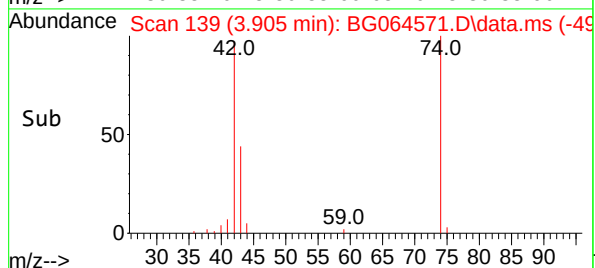
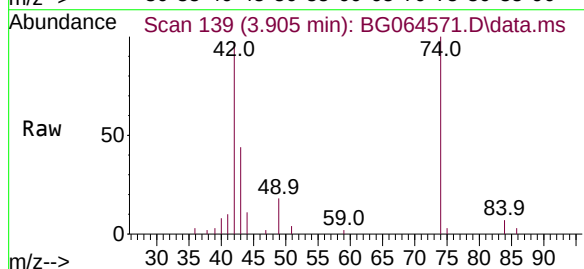
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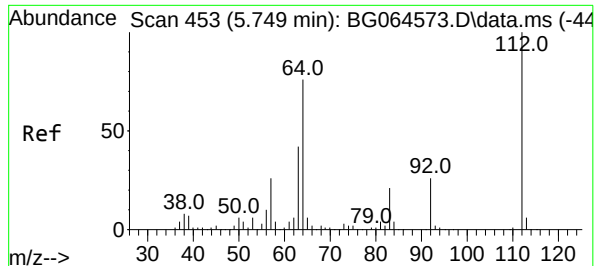
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#4
n-Nitrosodimethylamine
Concen: 10.733 ng
RT: 3.905 min Scan# 139
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 42 Resp: 16561
Ion Ratio Lower Upper
42 100
74 103.1 76.1 114.1
44 11.4 6.3 9.5#





#5
2-Fluorophenol
Concen: 20.257 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

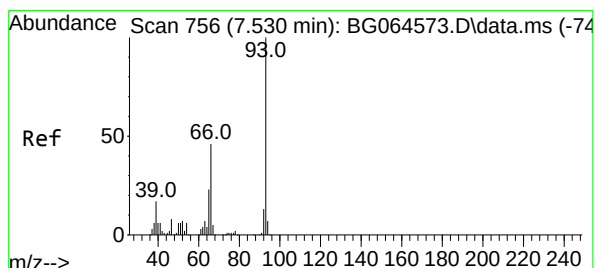
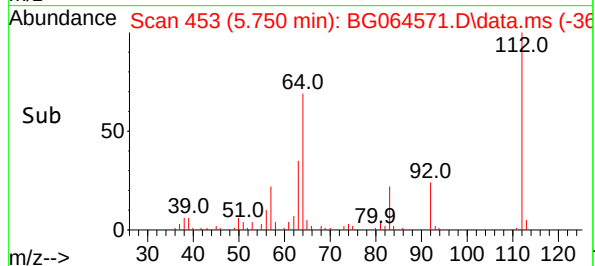
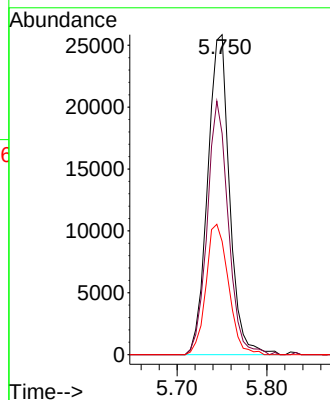
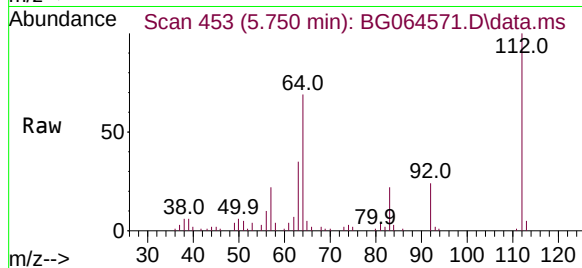
SSTDICC010

Tgt Ion: 112 Resp: 4383
Ion Ratio Lower Upper
112 100
64 69.1 60.7 91.1
63 35.4 33.4 50.0

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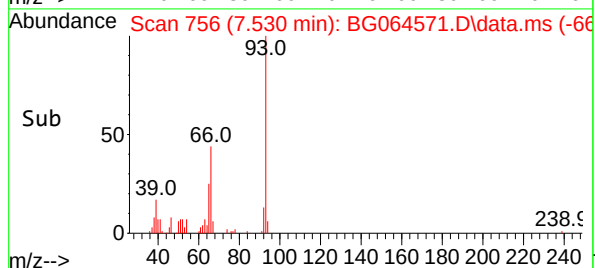
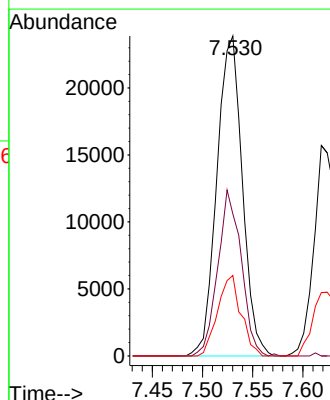
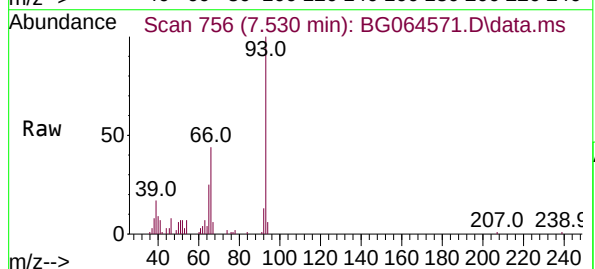
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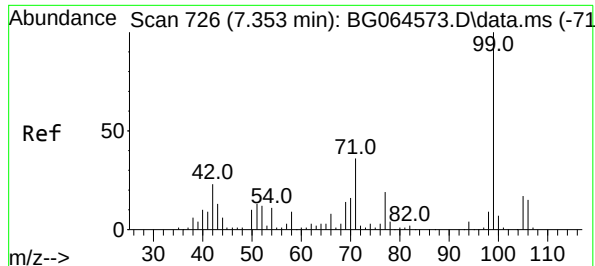
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 42134
Ion Ratio Lower Upper
93 100
66 44.4 37.0 55.6
65 25.1 18.3 27.5





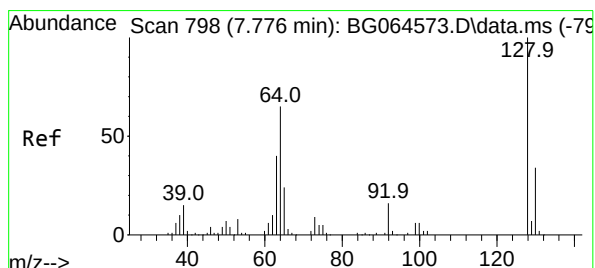
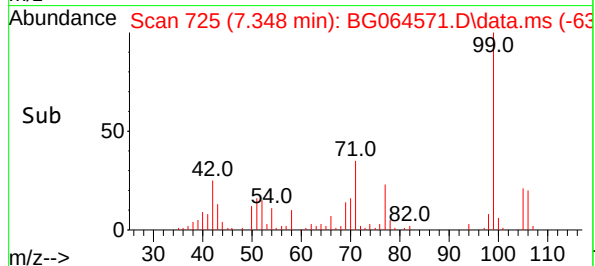
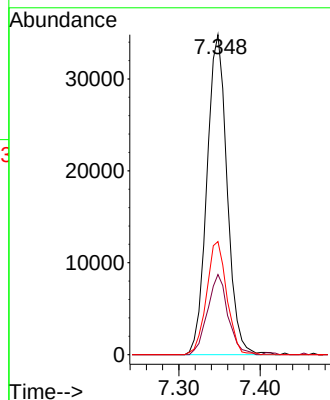
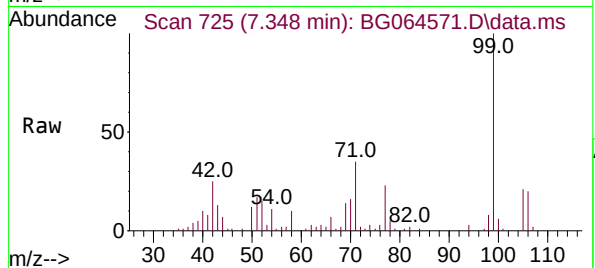
#7
Phenol-d6
Concen: 20.233 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 60084
Ion Ratio Lower Upper
99 100
42 25.0 18.3 27.5
71 35.3 28.6 43.0

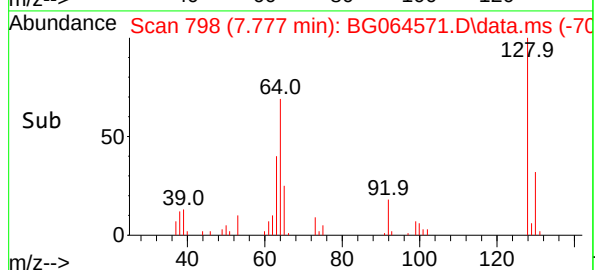
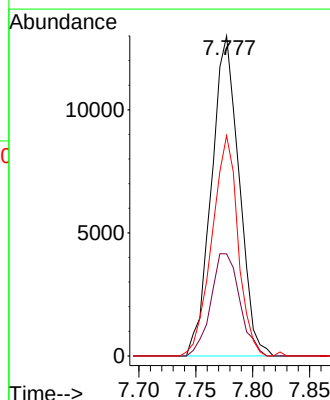
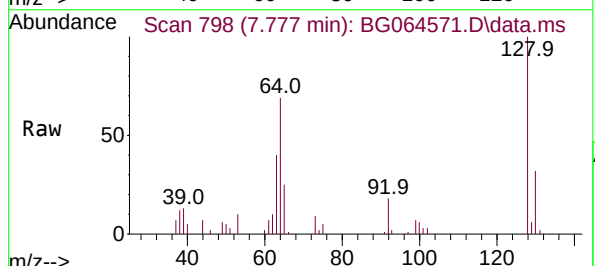
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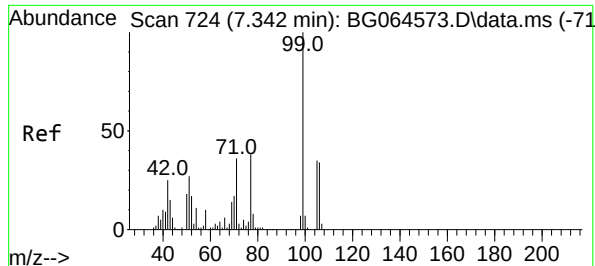
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 9.678 ng
RT: 7.777 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:128 Resp: 21922
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 68.8 45.2 85.2





#9

Benzaldehyde

Concen: 10.558 ng

RT: 7.342 min Scan# 711

Delta R.T. 0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

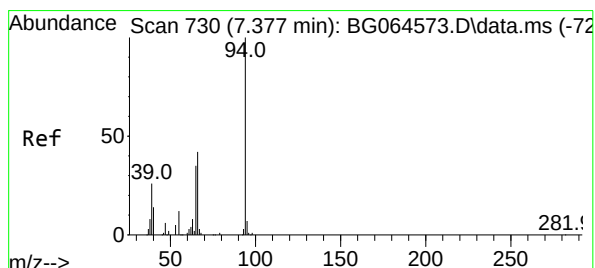
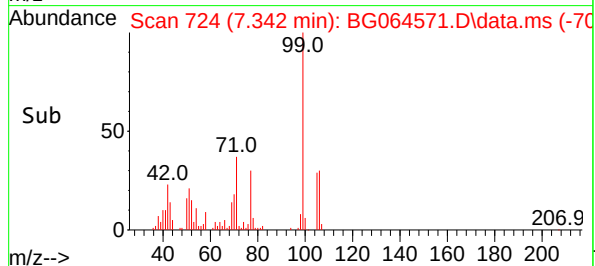
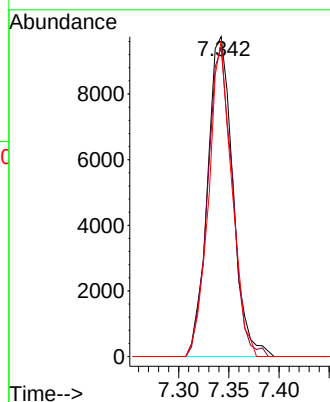
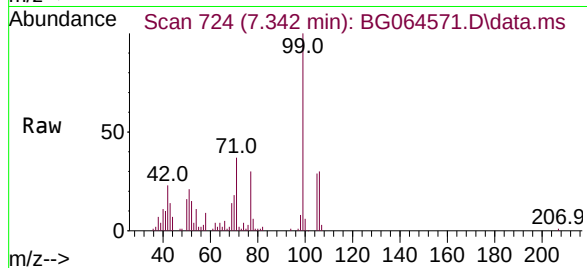
Tgt Ion:	77	Resp:	1711
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.9	112.9
106	98.4	70.8	110.8

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#10

Phenol

Concen: 10.066 ng

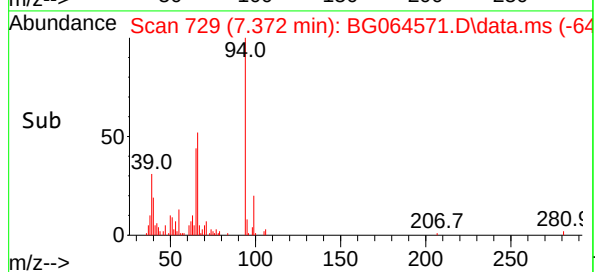
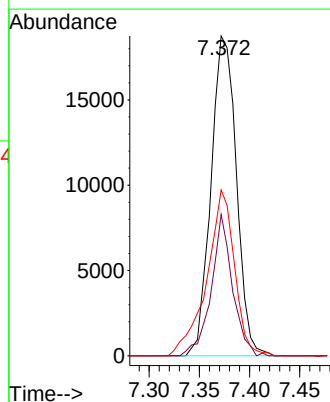
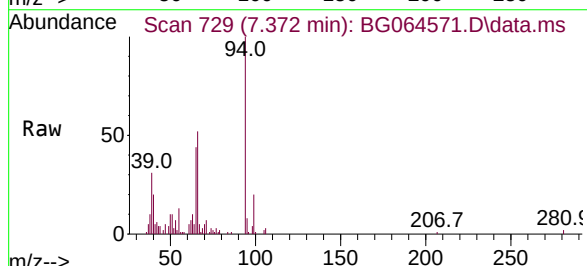
RT: 7.372 min Scan# 729

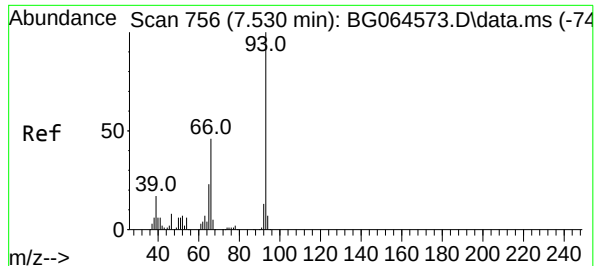
Delta R.T. -0.015 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

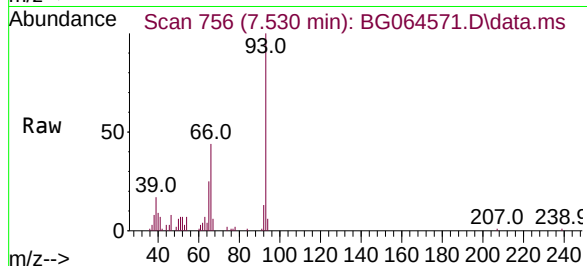
Tgt Ion:	94	Resp:	33058
Ion	Ratio	Lower	Upper
94	100		
65	44.2	15.8	55.8
66	51.9	24.0	64.0





#11
bis(2-Chloroethyl)ether
Concen: 10.427 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

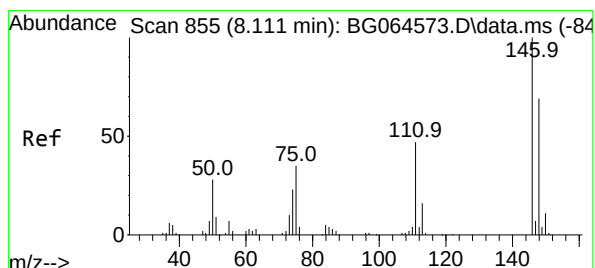
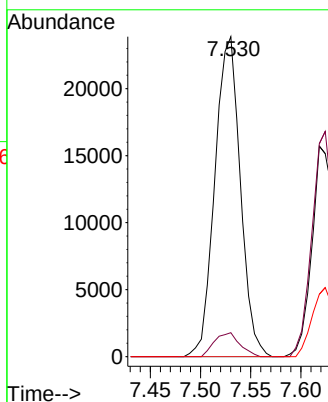
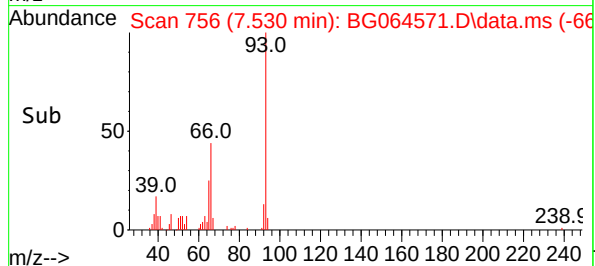
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 93 Resp: 42134
Ion Ratio Lower Upper
93 100
63 7.5 0.0 27.4
95 0.0 0.0 20.2

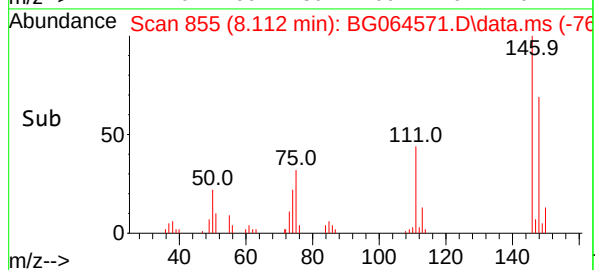
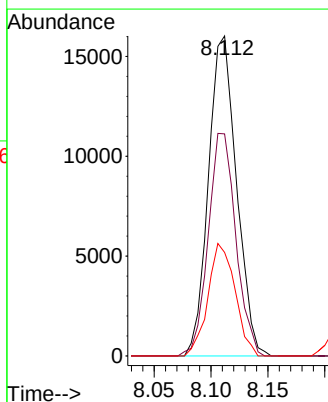
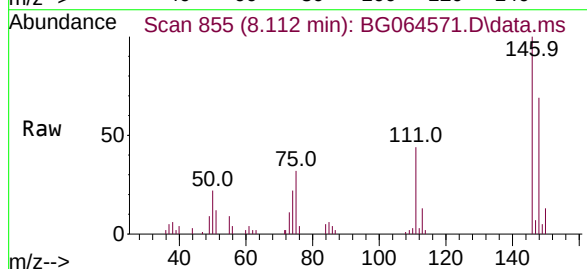
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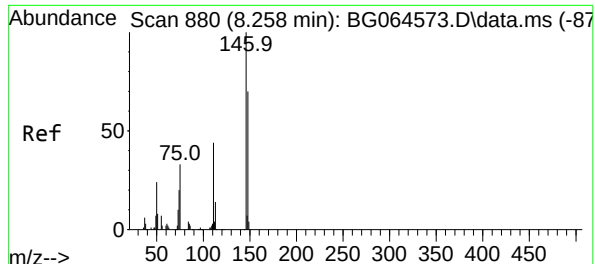
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 10.562 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:146 Resp: 27537
Ion Ratio Lower Upper
146 100
148 69.4 55.3 82.9
75 32.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.593 ng

RT: 8.253 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

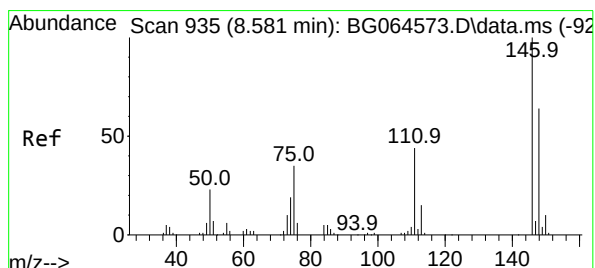
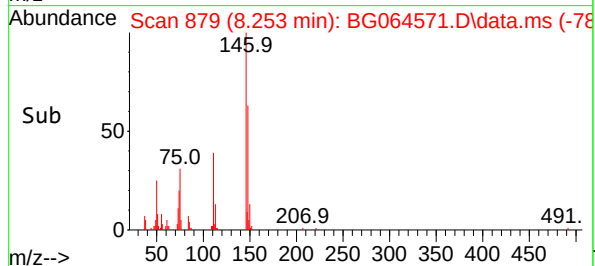
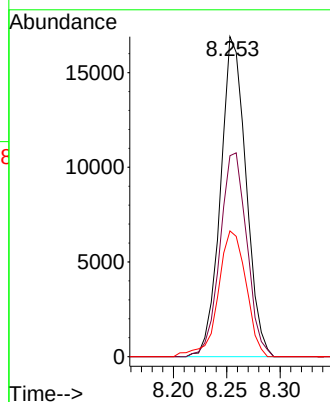
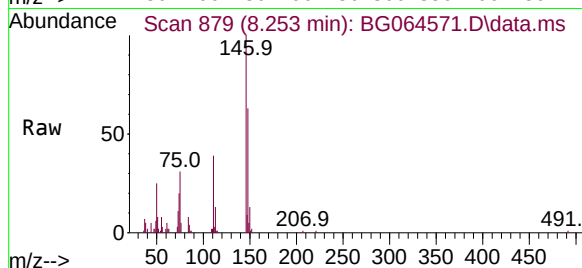
Tgt Ion	146	Resp	2808
Ion Ratio	Lower	Upper	
146	100		
148	62.8	56.2	84.4
111	39.3	35.4	53.0

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#14

1,2-Dichlorobenzene

Concen: 10.785 ng

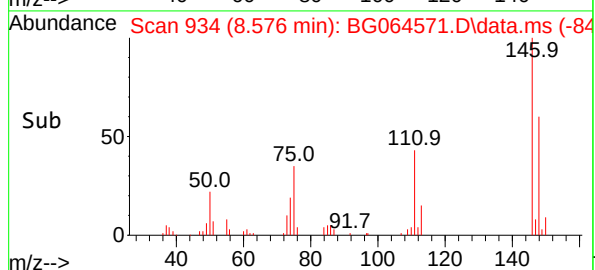
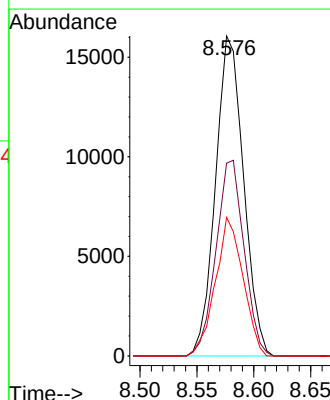
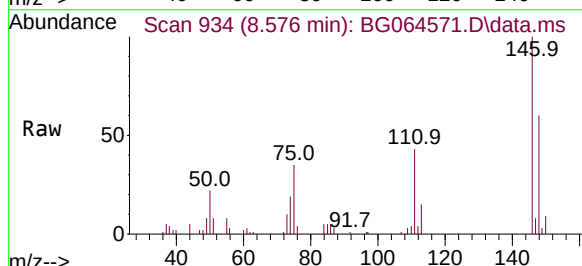
RT: 8.576 min Scan# 934

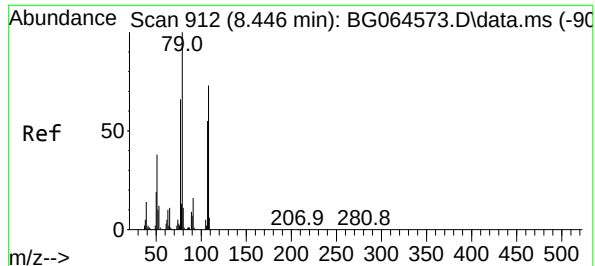
Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion	146	Resp	27577
Ion Ratio	Lower	Upper	
146	100		
148	60.2	51.5	77.3
111	43.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 9.500 ng

RT: 8.447 min Scan# 912

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 23263

Ion Ratio Lower Upper

79 100

108 76.3 58.1 87.1

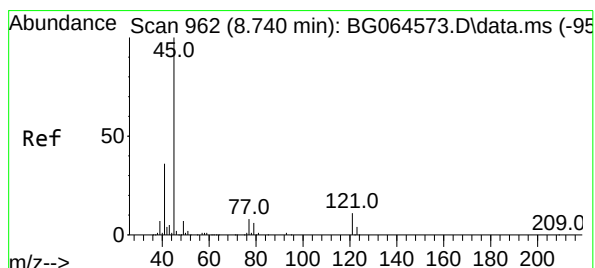
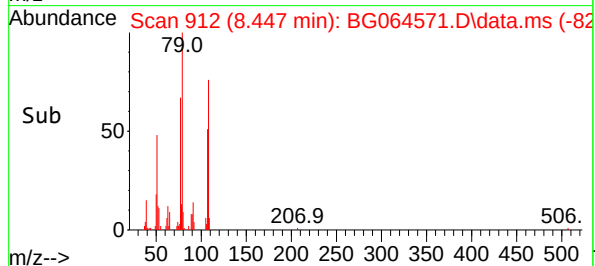
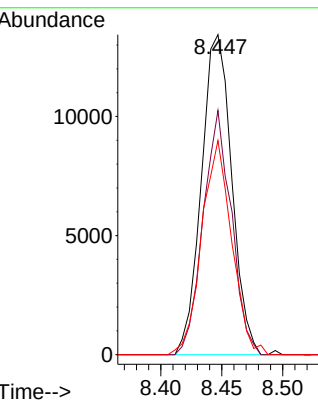
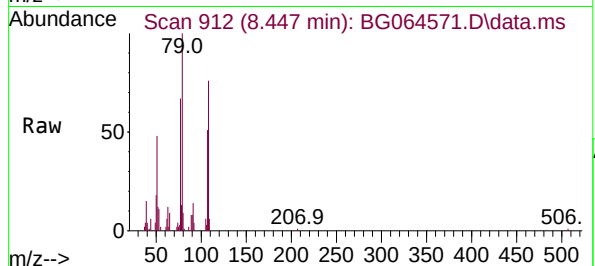
77 66.9 52.8 79.2

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Supervised By :Jagrut Upadhyay 10/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.334 ng

RT: 8.741 min Scan# 962

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

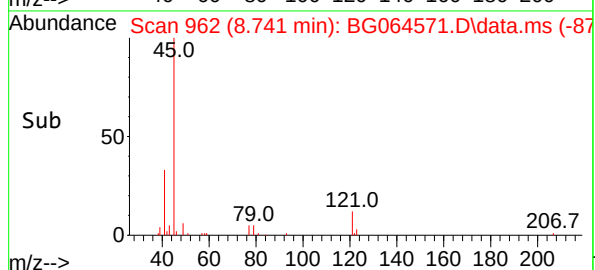
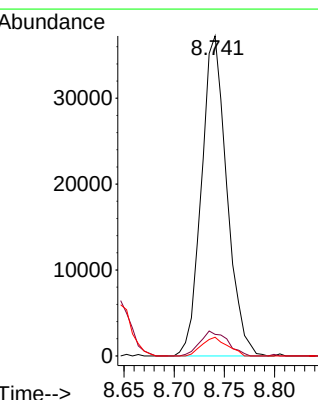
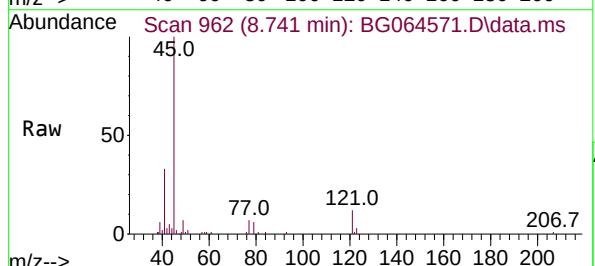
Tgt Ion: 45 Resp: 65452

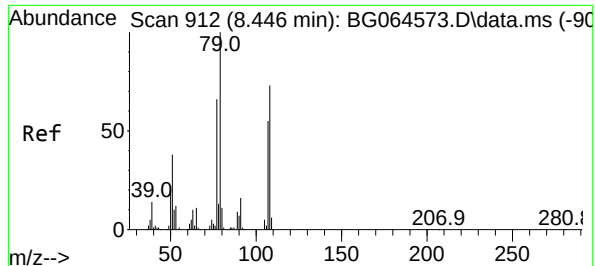
Ion Ratio Lower Upper

45 100

77 6.7 0.0 28.5

79 5.8 0.0 25.6





#17

2-Methylphenol

Concen: 9.947 ng

RT: 8.441 min Scan# 911

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 12176

Ion Ratio Lower Upper

107 100

108 117.1 106.4 159.6

77 105.6 96.7 145.1

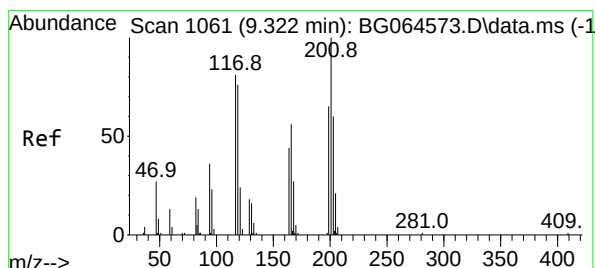
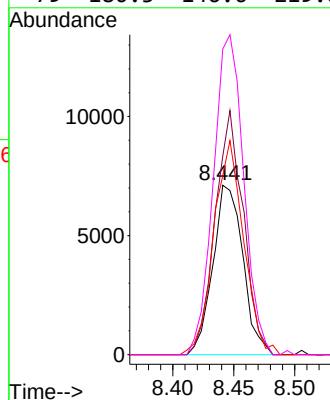
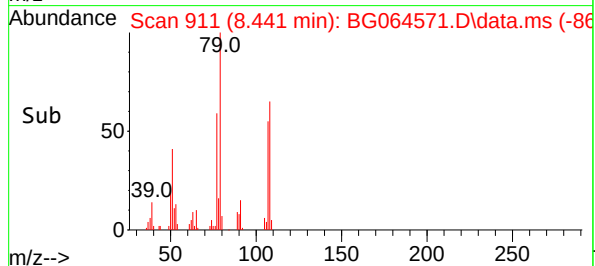
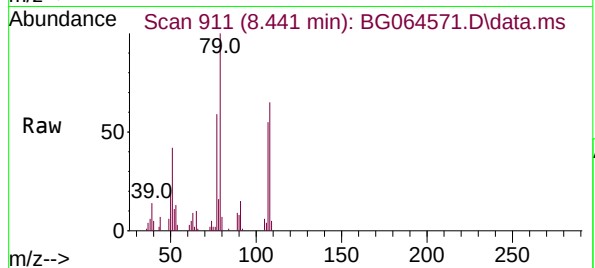
79 180.3 146.6 219.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 10.452 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

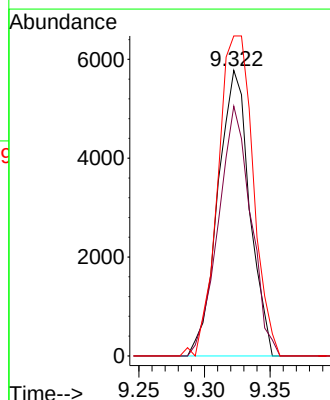
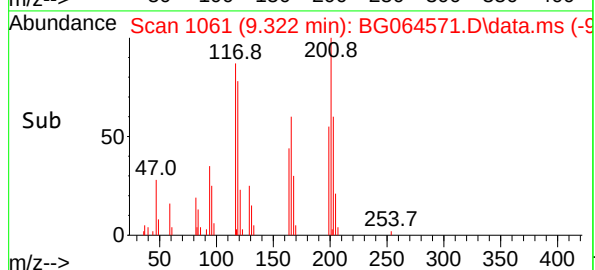
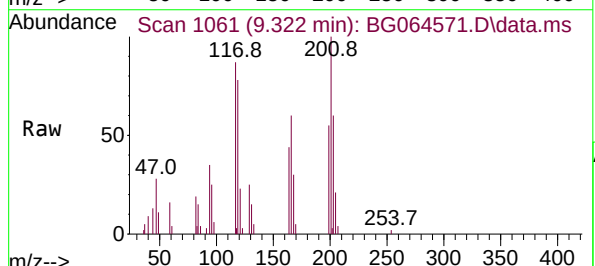
Tgt Ion:117 Resp: 9723

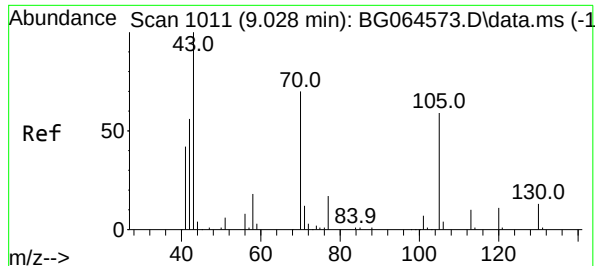
Ion Ratio Lower Upper

117 100

119 87.5 75.4 113.2

201 115.2 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.098 ng

RT: 9.017 min Scan# 1009

Delta R.T. -0.015 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 20724

Ion Ratio Lower Upper

70 100

42 80.3 65.2 97.8

101 7.6 7.9 11.9

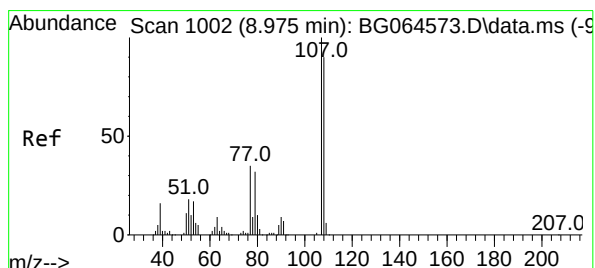
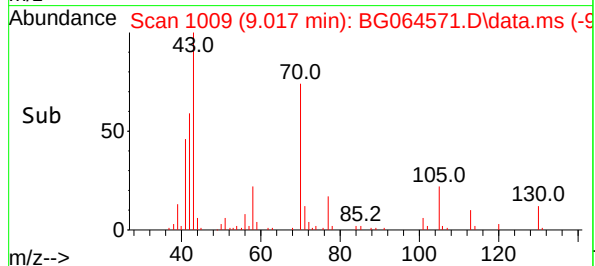
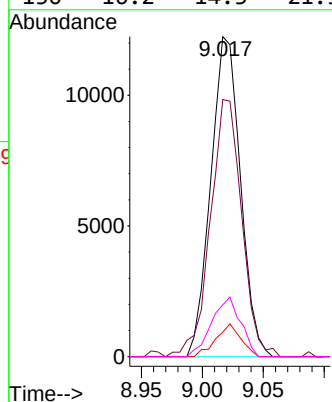
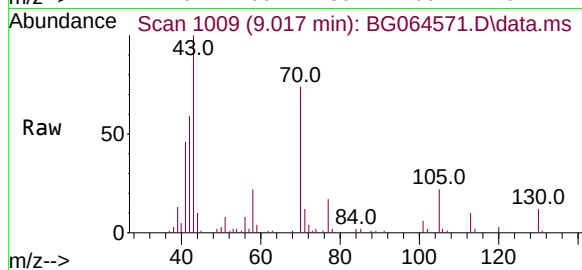
130 16.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 9.786 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.015 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:107 Resp: 30009

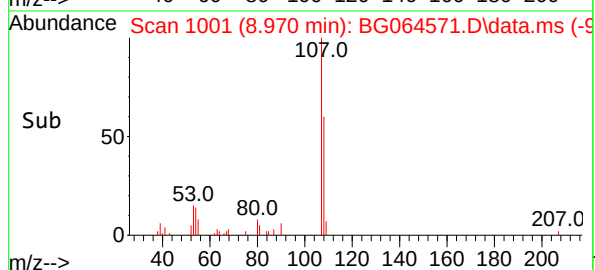
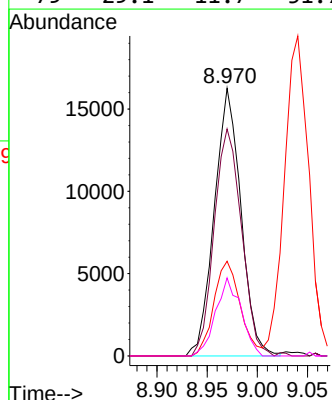
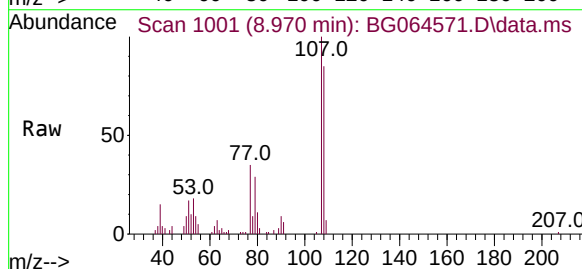
Ion Ratio Lower Upper

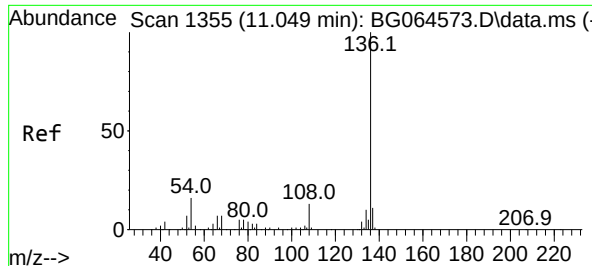
107 100

108 84.8 70.3 110.3

77 35.4 14.6 54.6

79 29.1 11.7 51.7





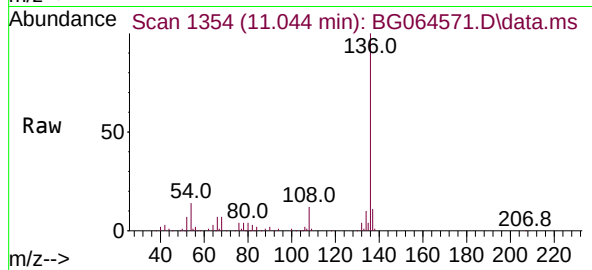
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1355
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

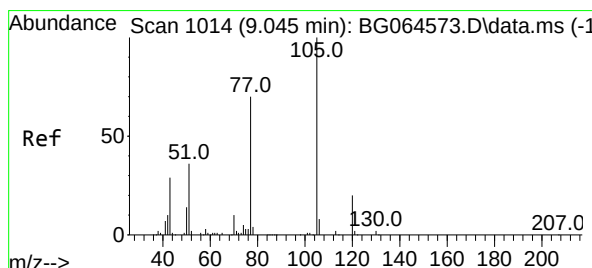
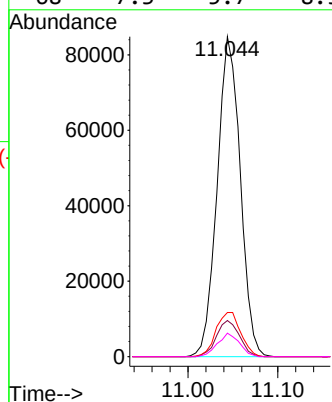
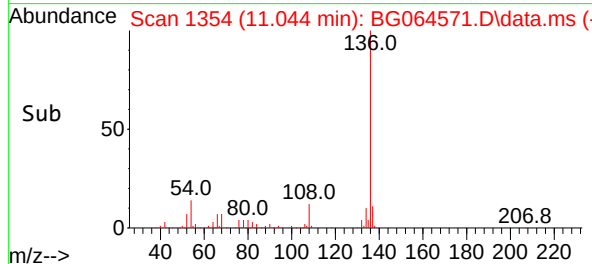


Tgt Ion:136 Resp: 151627
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 13.8 12.6 19.0
68 7.3 5.7 8.5

Manual Integrations

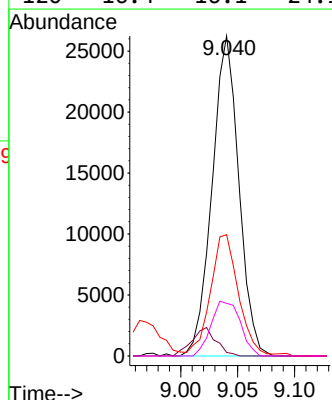
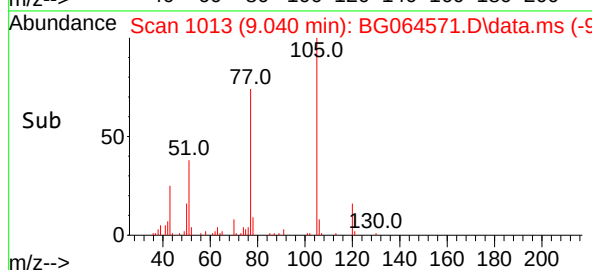
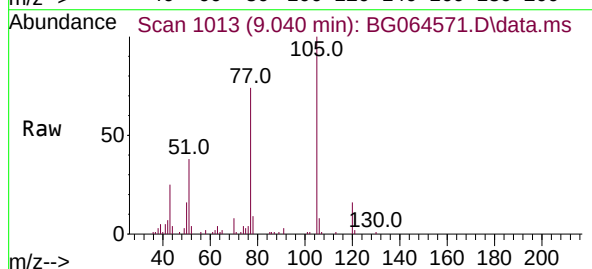
APPROVED

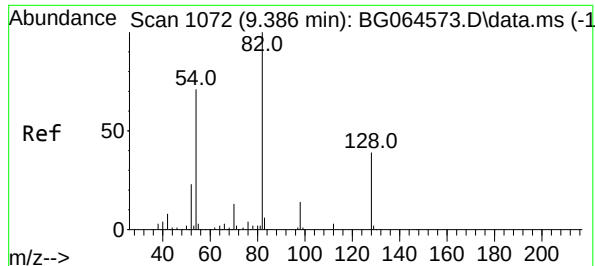
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 10.338 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:105 Resp: 42851
Ion Ratio Lower Upper
105 100
71 1.1 1.5 2.3#
51 37.9 33.7 50.5
120 16.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 17.182 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

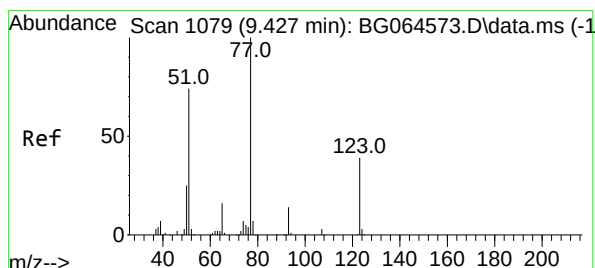
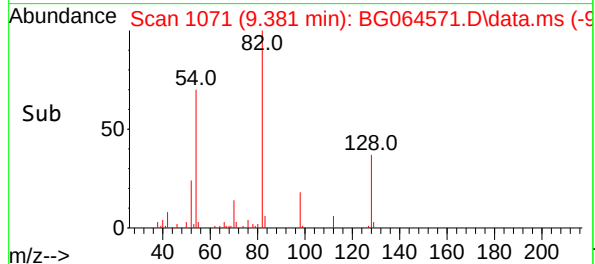
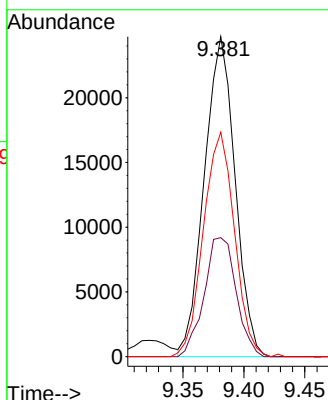
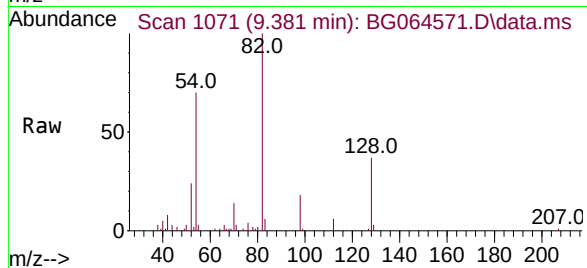
SSTDICC010

Tgt Ion:	82	Resp:	43376
Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	70.1	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 8.602 ng

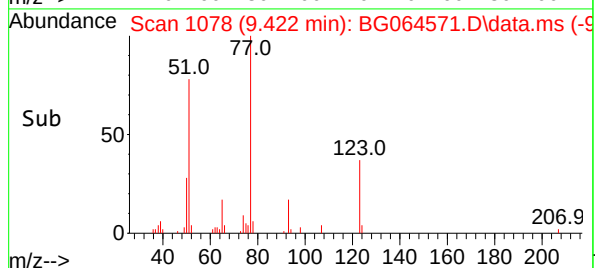
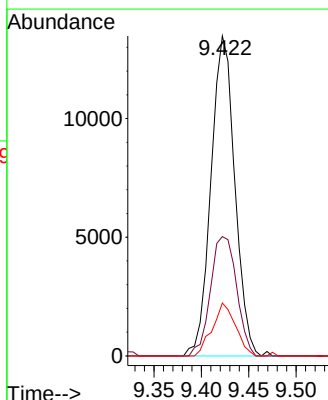
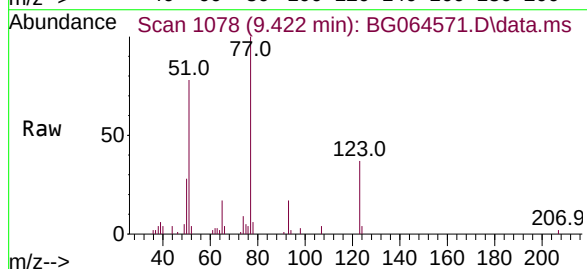
RT: 9.422 min Scan# 1078

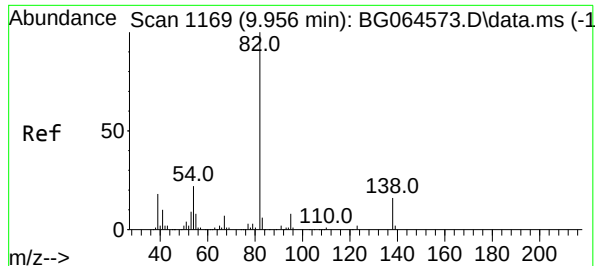
Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	77	Resp:	23618
Ion	Ratio	Lower	Upper
77	100		
123	37.3	31.0	46.6
65	16.5	12.7	19.1





#25

Isophorone

Concen: 9.962 ng

RT: 9.951 min Scan# 1169

Delta R.T. -0.015 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

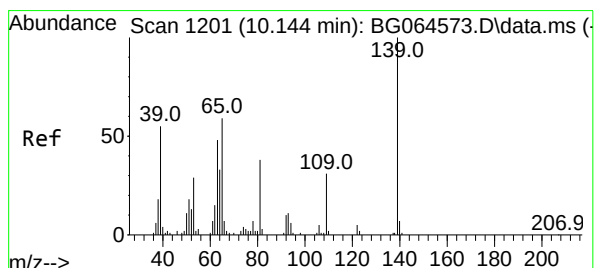
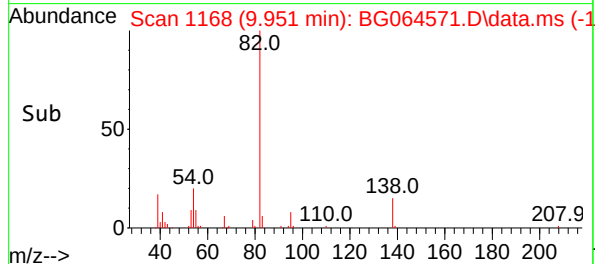
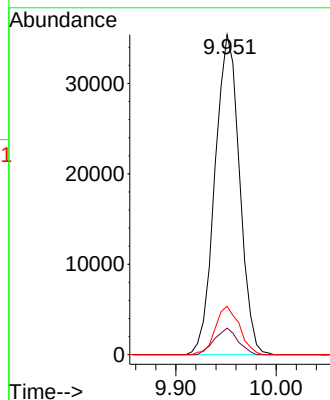
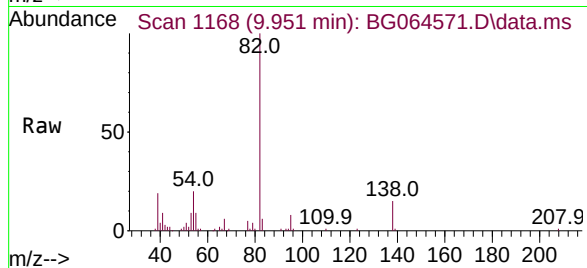
Tgt Ion:	82	Resp:	6034
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.1	9.1
138	15.1	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#26

2-Nitrophenol

Concen: 9.491 ng

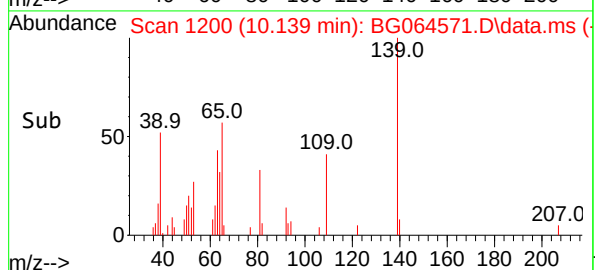
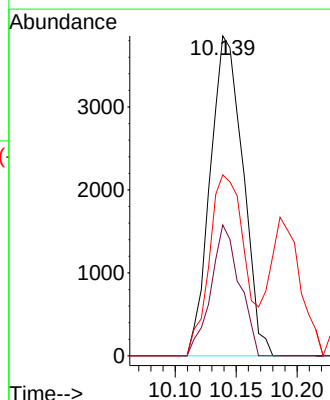
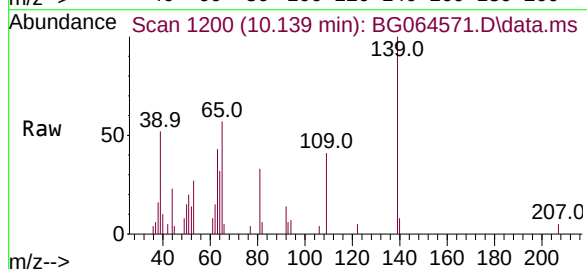
RT: 10.139 min Scan# 1200

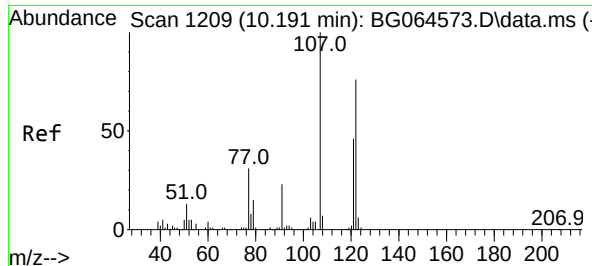
Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

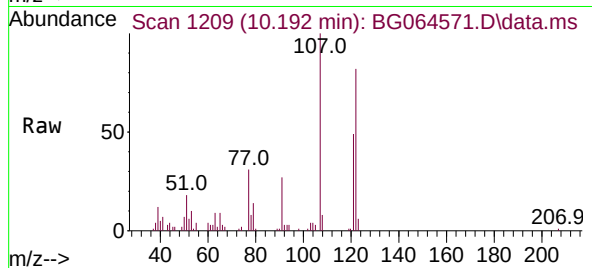
Tgt Ion:	139	Resp:	7208
Ion Ratio	Lower	Upper	
139	100		
109	40.9	24.6	37.0
65	56.6	47.5	71.3





#27
2,4-Dimethylphenol
Concen: 9.685 ng
RT: 10.192 min Scan# 1209
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

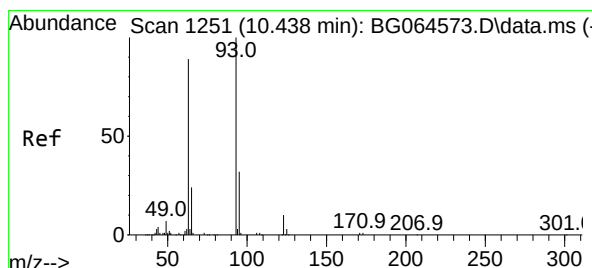
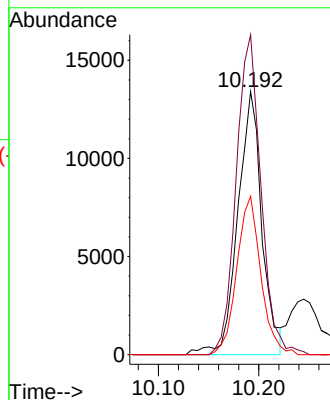
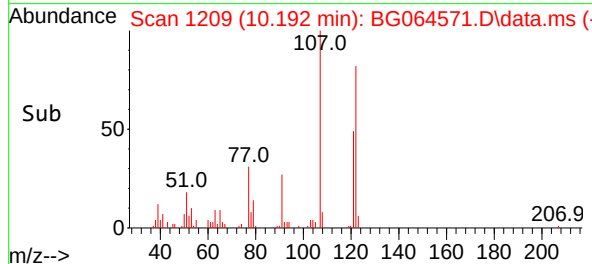
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 22259
Ion Ratio Lower Upper
122 100
107 121.6 103.0 154.4
121 60.2 47.8 71.8

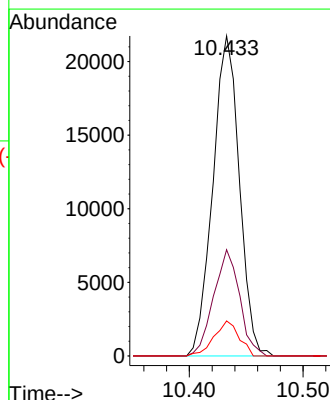
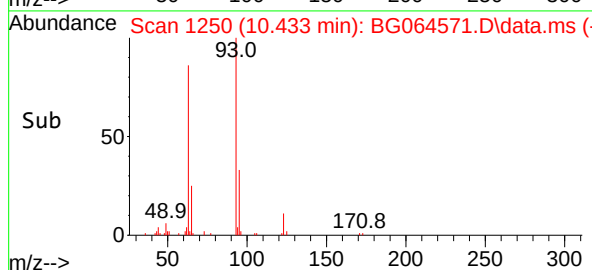
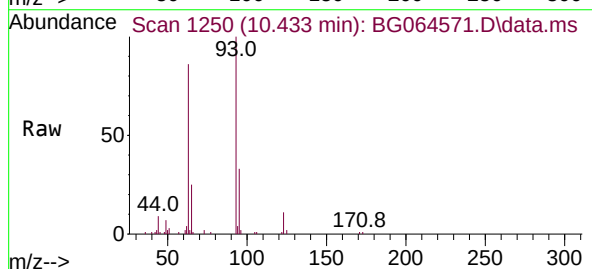
Manual Integrations
APPROVED

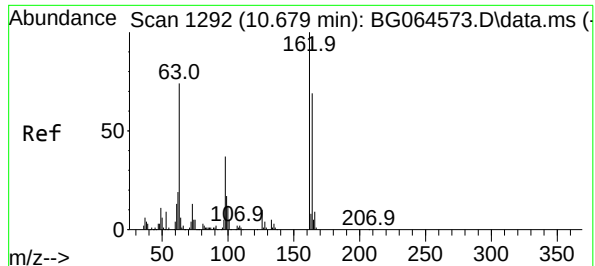
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.197 ng
RT: 10.433 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 93 Resp: 35170
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.2
123 11.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 9.338 ng

RT: 10.680 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

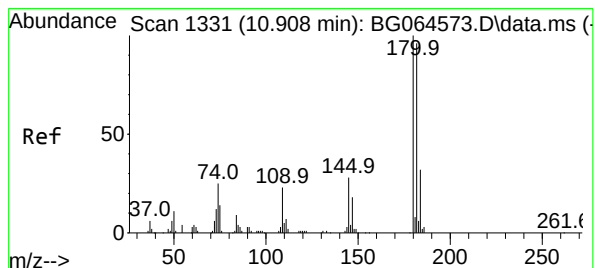
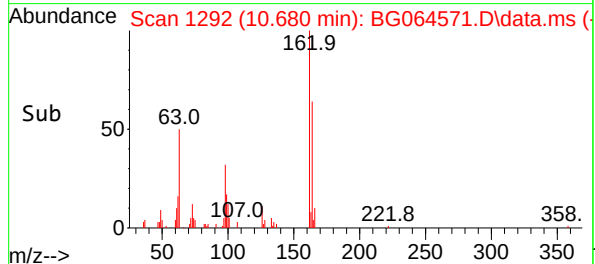
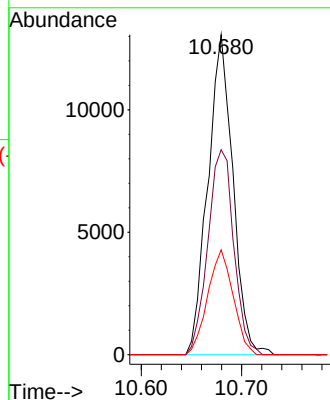
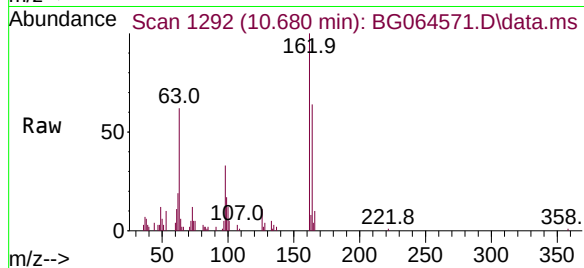
SSTDICC010

Tgt Ion:	162	Resp:	22643
Ion Ratio	Lower	Upper	
162	100		
164	64.0	48.7	88.7
98	32.7	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.143 ng

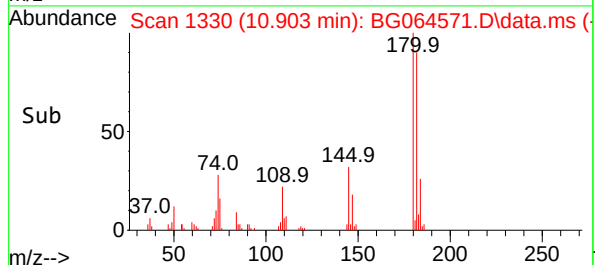
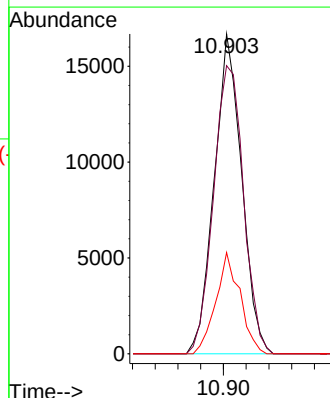
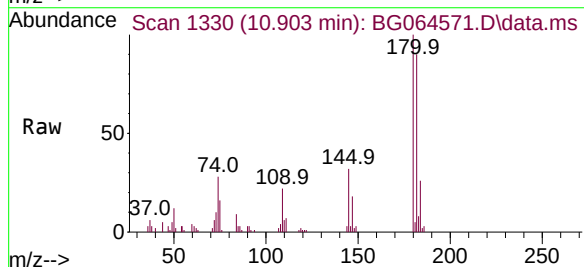
RT: 10.903 min Scan# 1330

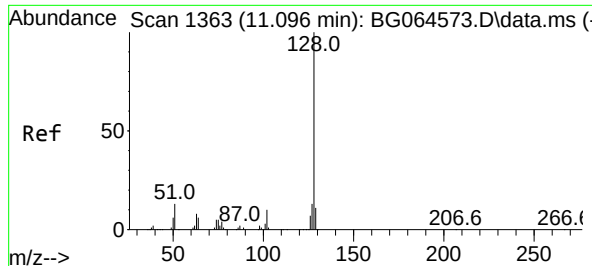
Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:	180	Resp:	27947
Ion Ratio	Lower	Upper	
180	100		
182	90.1	76.9	115.3
145	31.7	22.1	33.1





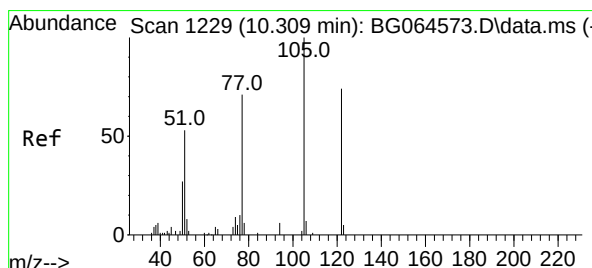
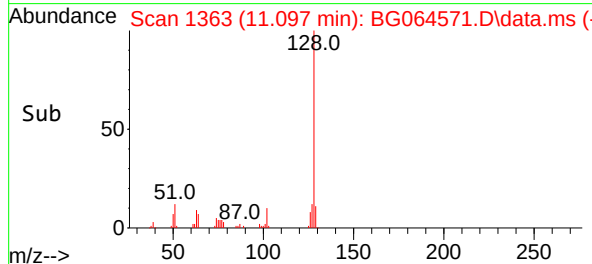
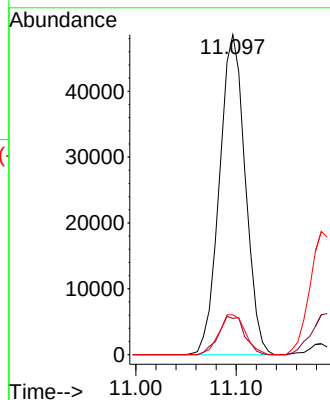
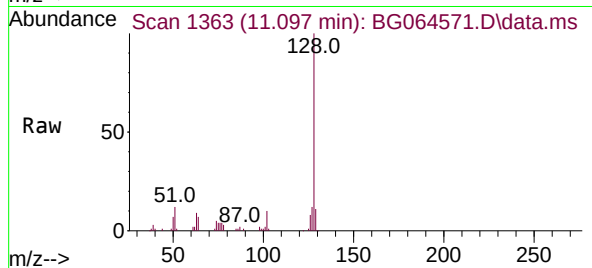
#31
Naphthalene
Concen: 10.319 ng
RT: 11.097 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 86750
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.4 10.6 15.8

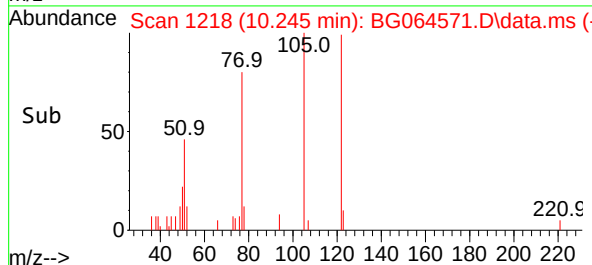
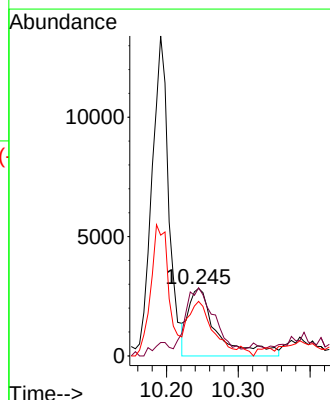
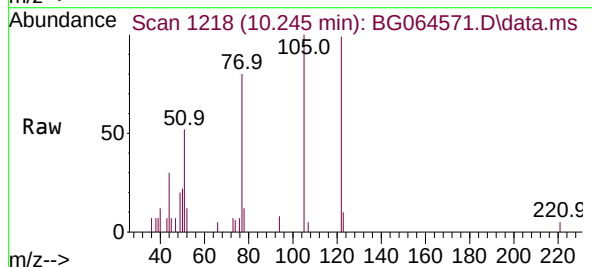
Manual Integrations
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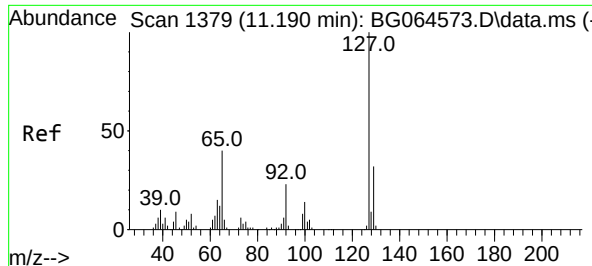
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 11.001 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.097 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:122 Resp: 7890
Ion Ratio Lower Upper
122 100
105 100.8 104.2 144.2#
77 80.6 70.2 110.2





#33
4-Chloroaniline
Concen: 10.583 ng
RT: 11.185 min Scan# 1379
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

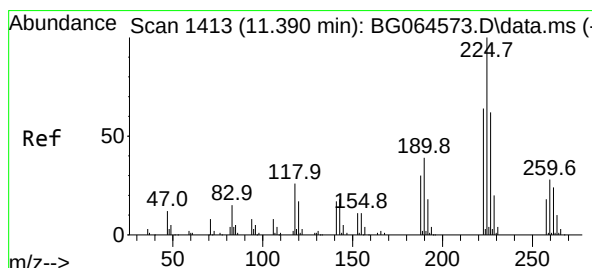
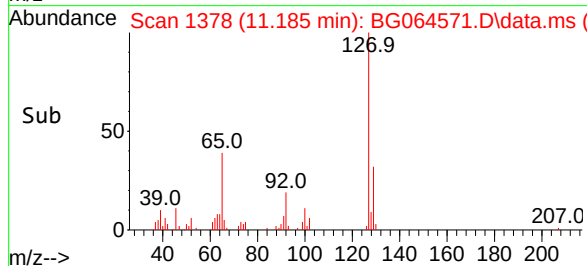
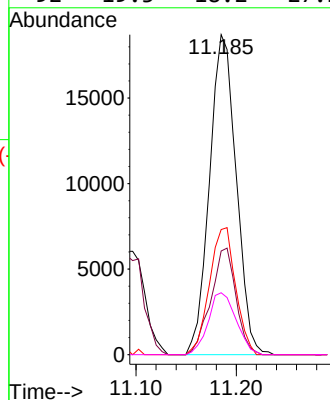
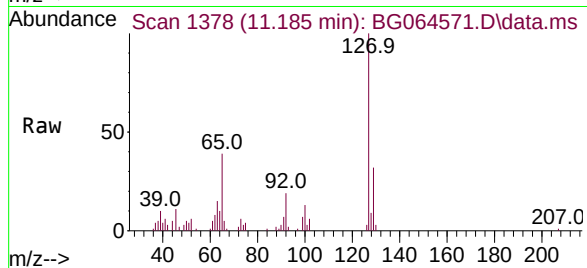
SSTDICC010

Tgt Ion:127 Resp: 34581
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 39.1 32.2 48.4
92 19.3 18.2 27.2

Manual Integrations

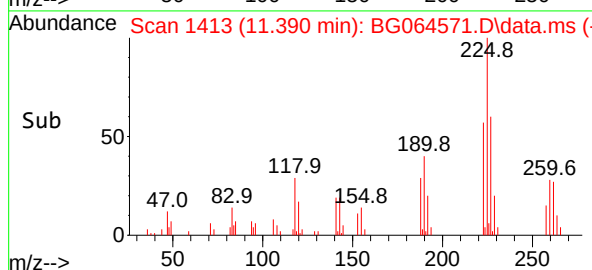
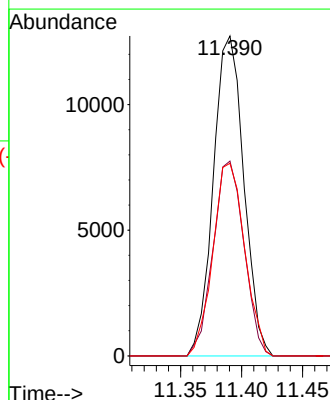
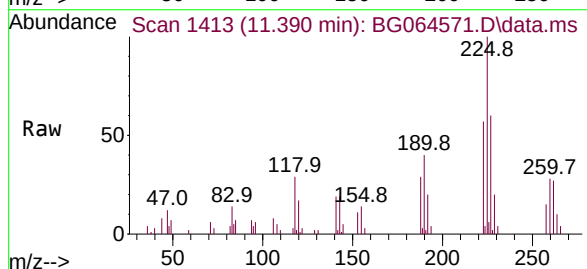
APPROVED

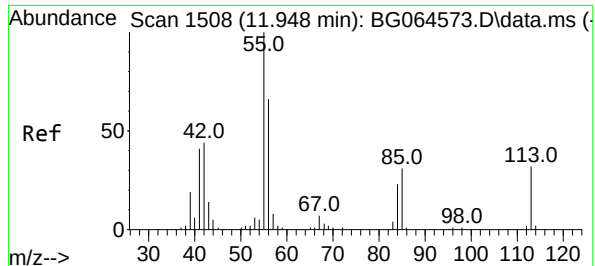
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#34
Hexachlorobutadiene
Concen: 10.256 ng
RT: 11.390 min Scan# 1413
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:225 Resp: 22099
Ion Ratio Lower Upper
225 100
223 57.6 48.8 73.2
227 57.0 49.5 74.3





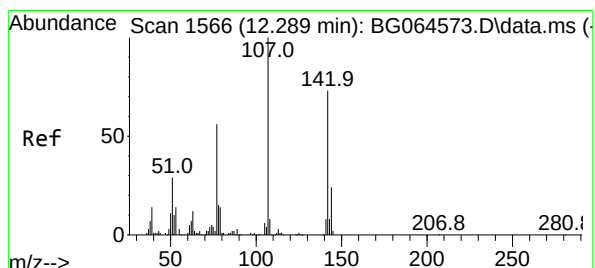
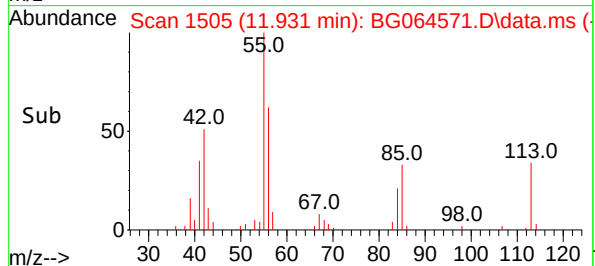
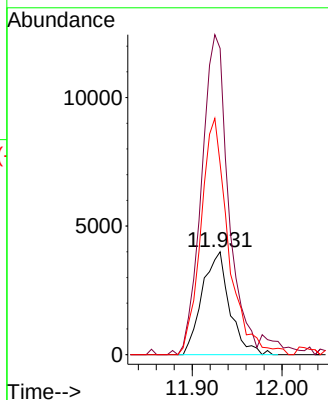
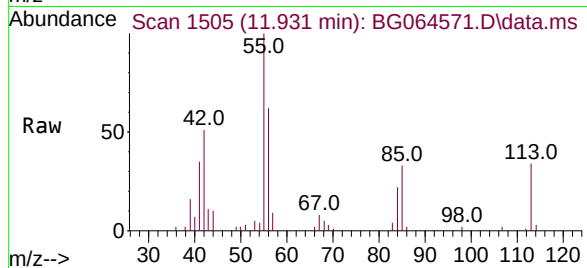
#35
Caprolactam
Concen: 9.162 ng
RT: 11.931 min Scan# 11
Delta R.T. -0.044 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 852
Ion Ratio Lower Upper
113 100
55 297.7 290.1 330.1
56 185.5 183.8 223.8

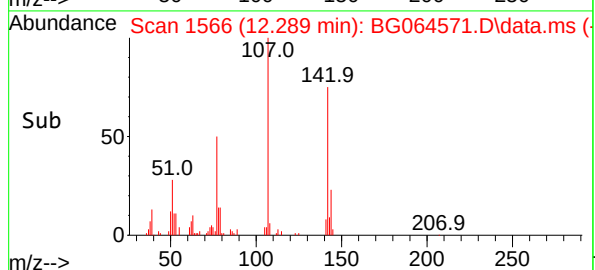
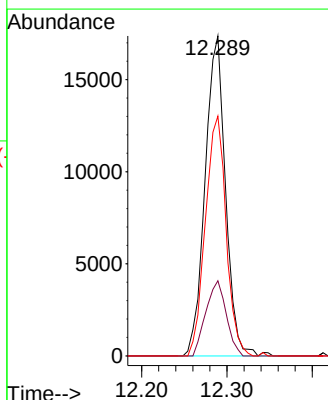
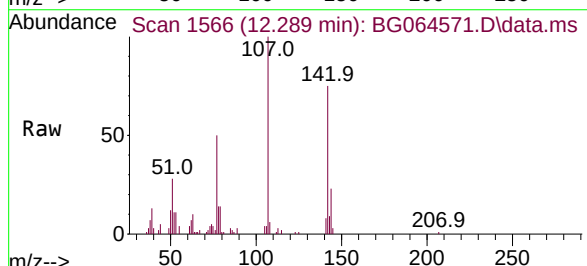
Manual Integrations
APPROVED

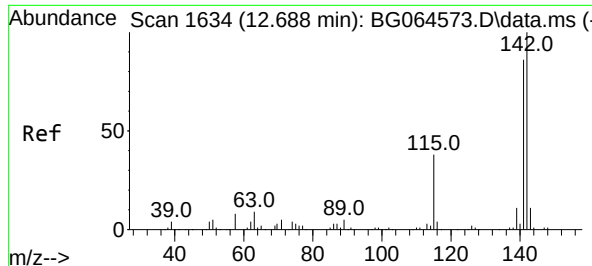
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#36
4-Chloro-3-methylphenol
Concen: 9.916 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

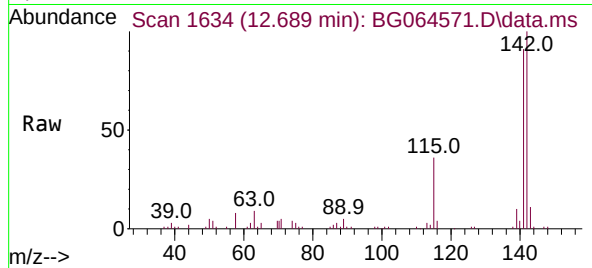
Tgt Ion:107 Resp: 28904
Ion Ratio Lower Upper
107 100
144 23.5 19.1 28.7
142 74.9 58.6 87.8





#37
2-Methylnaphthalene
Concen: 10.543 ng
RT: 12.689 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

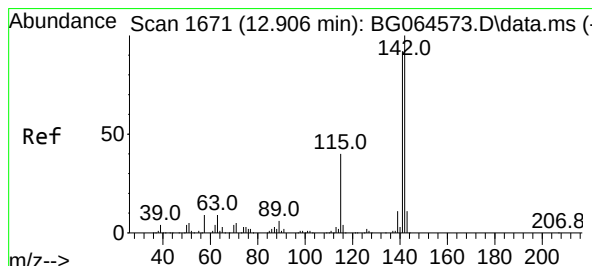
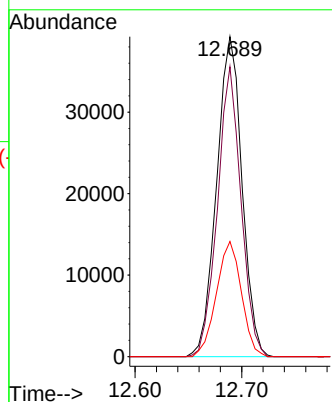
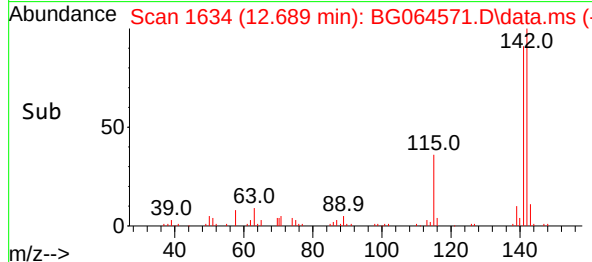
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



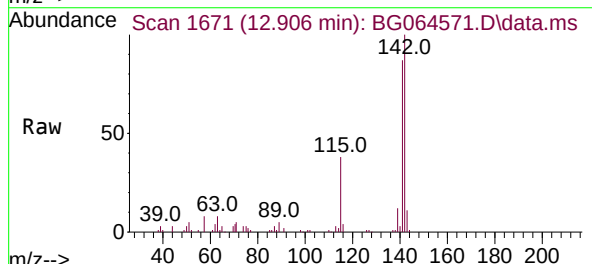
Tgt Ion:142 Resp: 65070
Ion Ratio Lower Upper
142 100
141 90.6 68.9 103.3
115 36.0 30.6 46.0

Manual Integrations
APPROVED

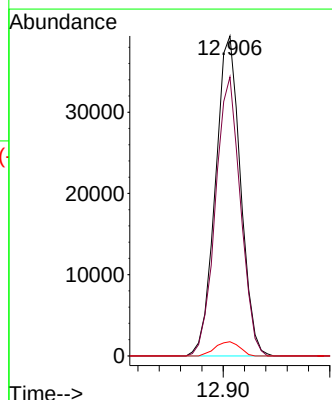
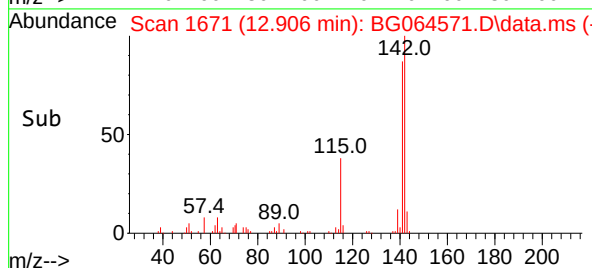
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

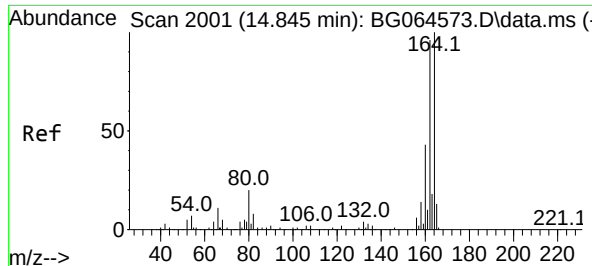


#38
1-Methylnaphthalene
Concen: 10.601 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:142 Resp: 64384
Ion Ratio Lower Upper
142 100
141 87.2 73.3 109.9
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2001

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 117618

Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

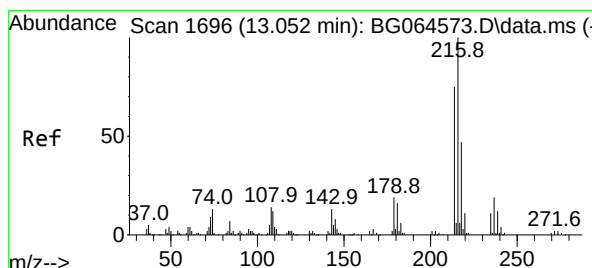
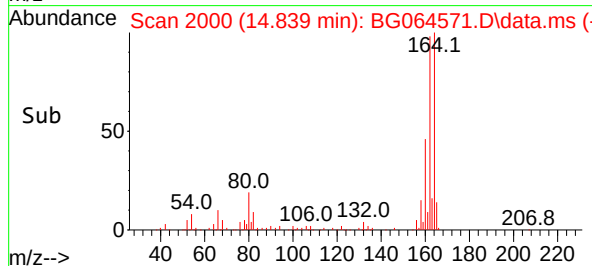
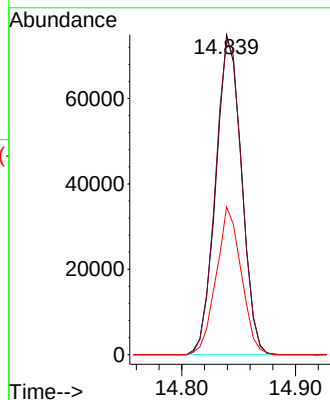
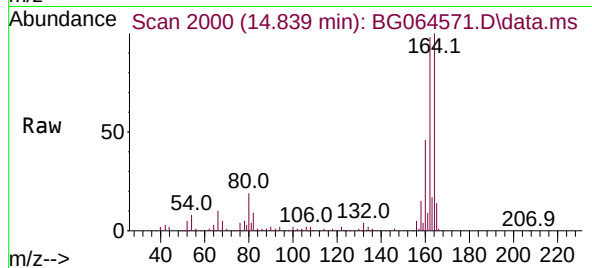
160 46.2 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.197 ng

RT: 13.053 min Scan# 1696

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Tgt Ion:216 Resp: 40253

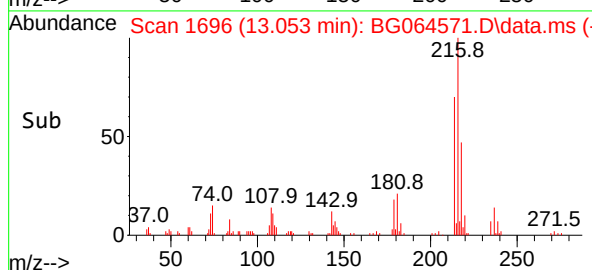
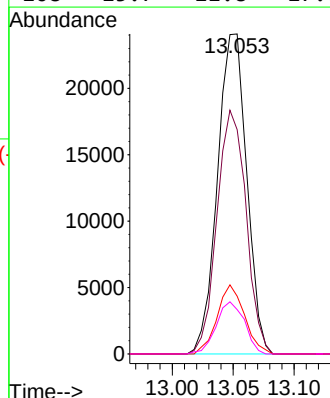
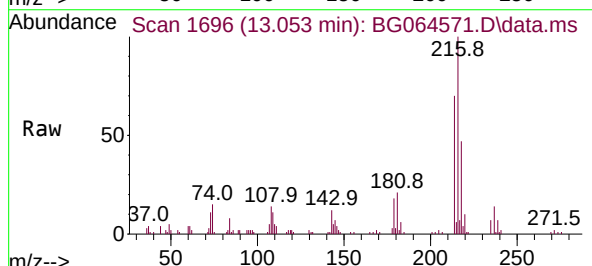
Ion Ratio Lower Upper

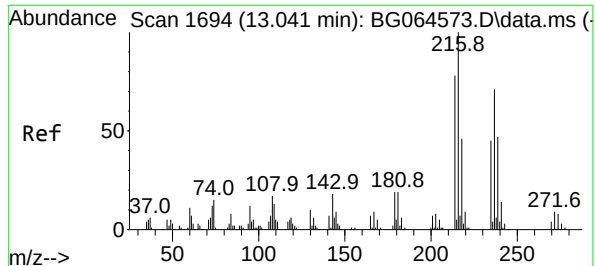
216 100

214 75.7 61.4 92.2

179 20.2 15.4 23.0

108 15.7 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 8.855 ng

RT: 13.036 min Scan# 1693

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:237 Resp: 15733

Ion Ratio Lower Upper

237 100

235 61.6 44.1 84.1

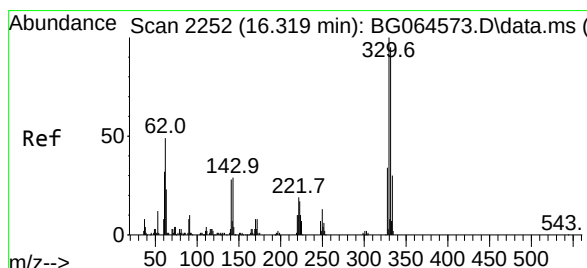
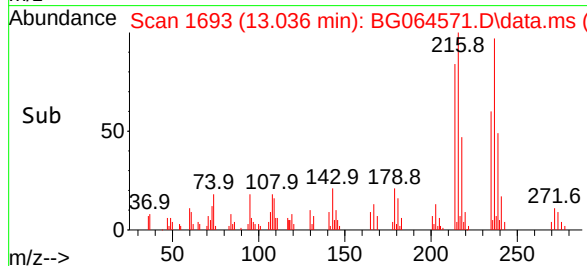
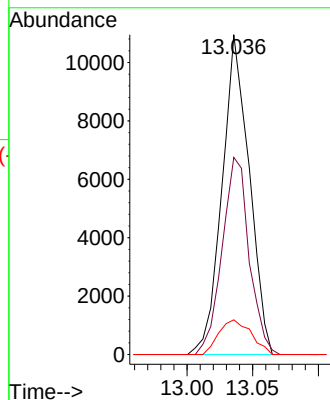
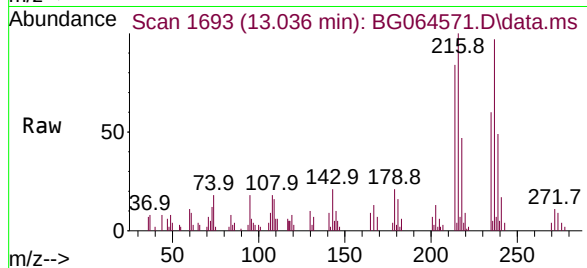
272 10.9 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#42

2,4,6-Tribromophenol

Concen: 18.400 ng

RT: 16.314 min Scan# 2251

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

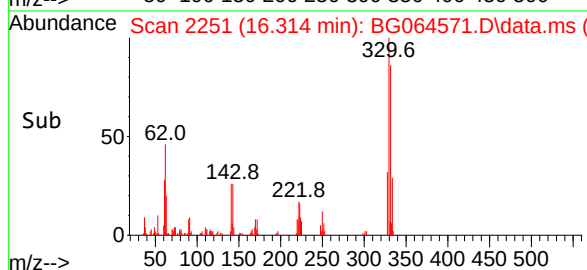
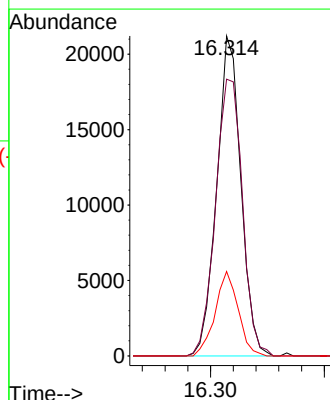
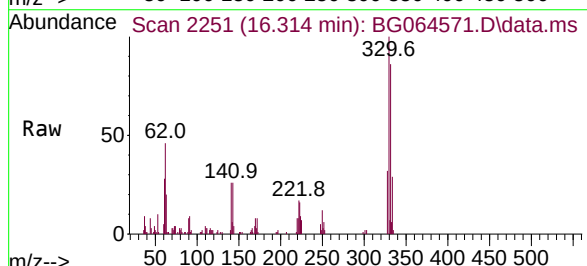
Tgt Ion:330 Resp: 31236

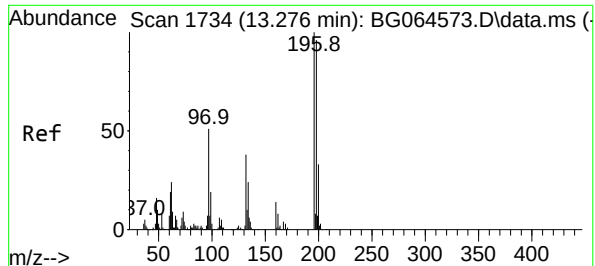
Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 25.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 13.276 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

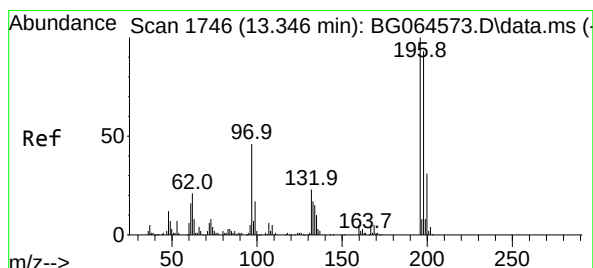
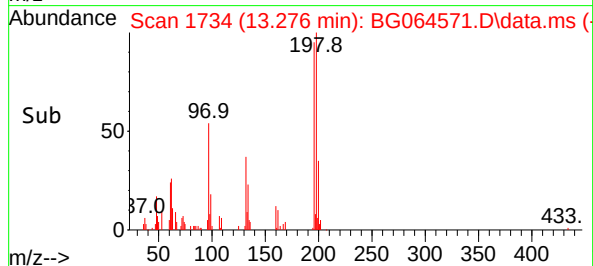
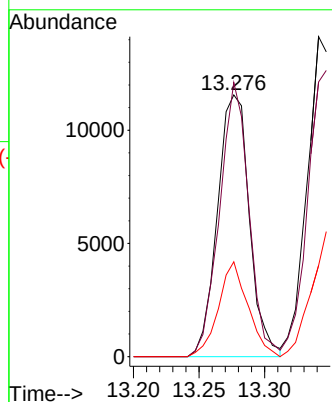
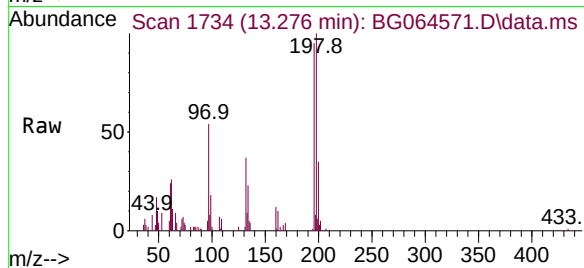
SSTDICC010

Tgt Ion	196	Ratio	100	Lower	76.6	Upper	115.0
196	100						
198	104.8			76.6		115.0	
200	36.2			26.0		39.0	

Manual Integrations

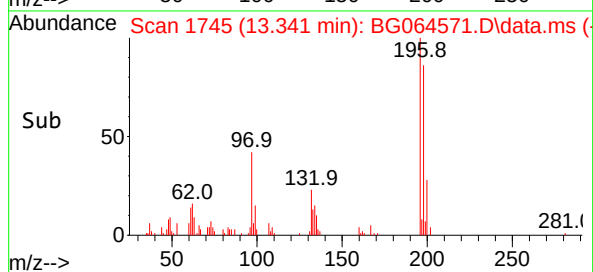
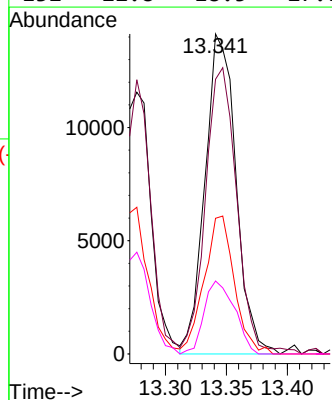
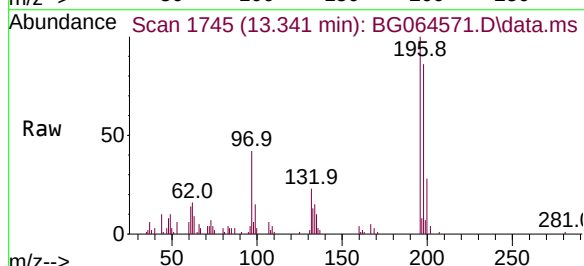
APPROVED

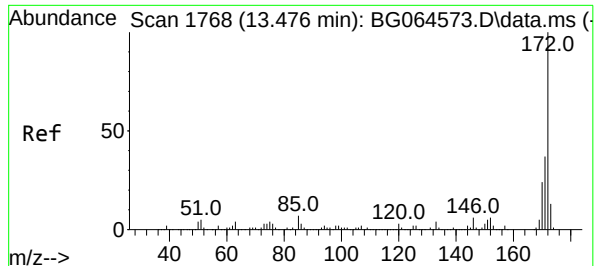
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#44
2,4,5-Trichlorophenol
Concen: 9.584 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

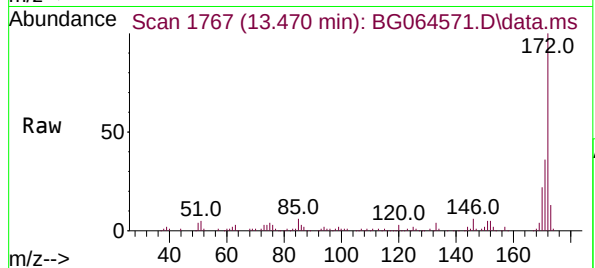
Tgt Ion	196	Ratio	100	Lower	74.2	Upper	111.4
196	100						
198	85.8			74.2		111.4	
97	42.4			37.0		55.6	
132	22.8			18.5		27.7	





#45
2-Fluorobiphenyl
Concen: 21.050 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

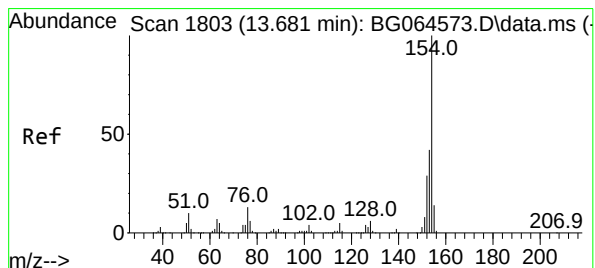
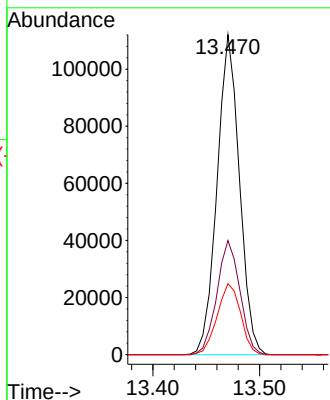
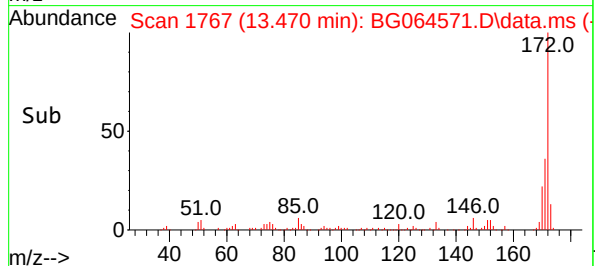
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 163340
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 22.2 19.1 28.7

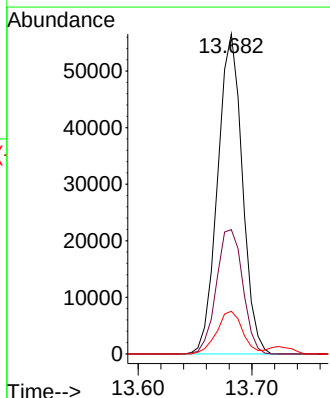
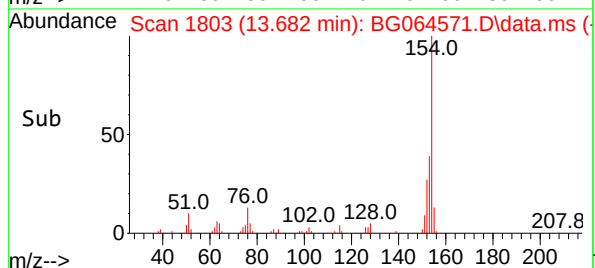
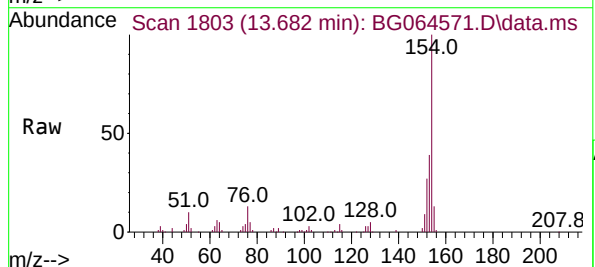
Manual Integrations
APPROVED

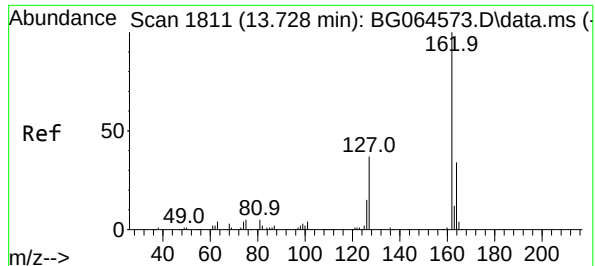
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#46
1,1'-Biphenyl
Concen: 10.200 ng
RT: 13.682 min Scan# 1803
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 85287
Ion Ratio Lower Upper
154 100
153 38.8 22.4 62.4
76 13.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 10.081 ng

RT: 13.723 min Scan# 1811

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 6363

Ion Ratio Lower Upper

162 100

127 41.2 32.2 48.2

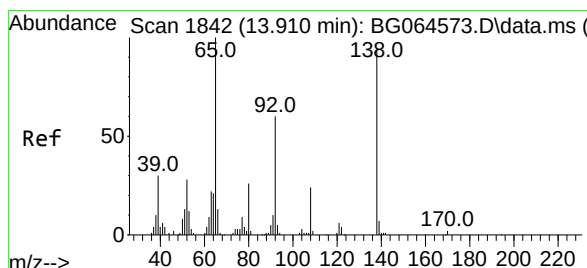
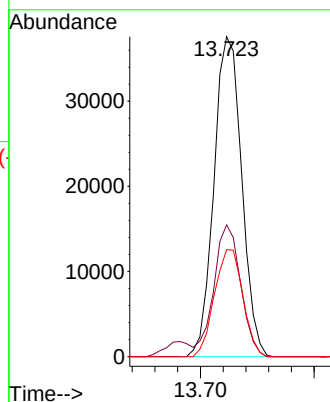
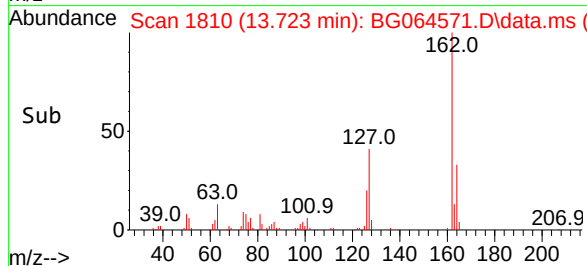
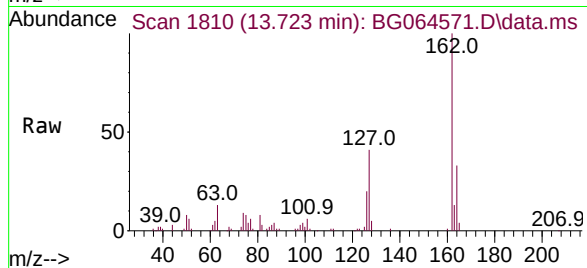
164 33.4 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#48

2-Nitroaniline

Concen: 9.284 ng

RT: 13.905 min Scan# 1841

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

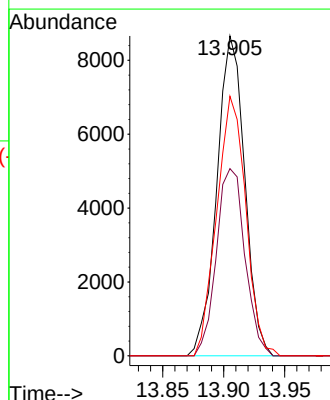
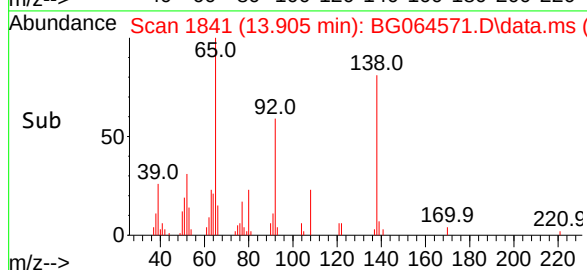
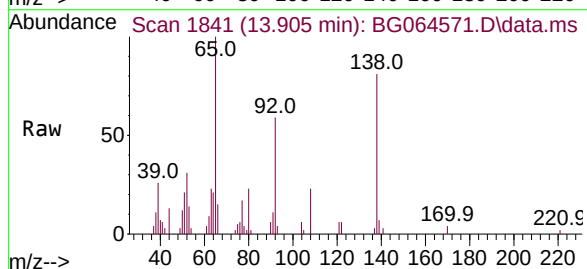
Tgt Ion: 65 Resp: 13764

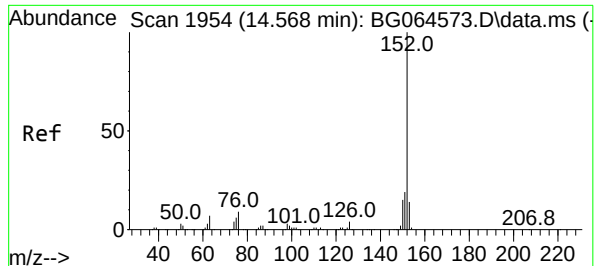
Ion Ratio Lower Upper

65 100

92 58.5 48.3 72.5

138 81.1 74.9 112.3





#49

Acenaphthylene

Concen: 10.198 ng

RT: 14.563 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 101526

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

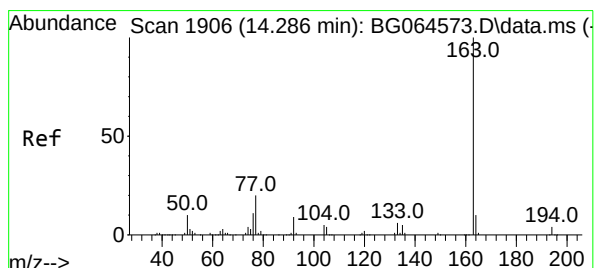
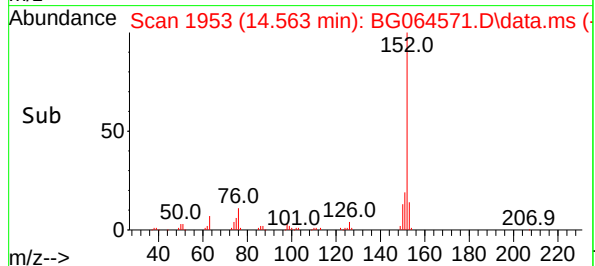
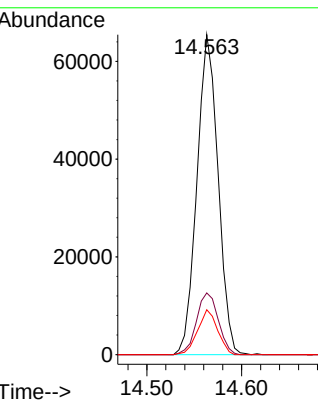
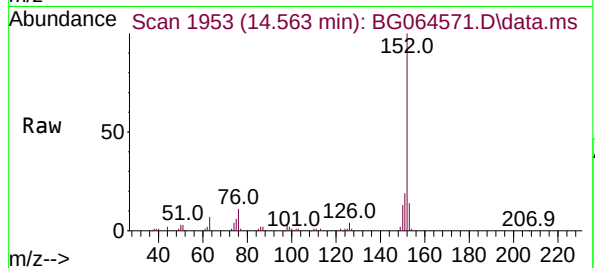
153 14.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#50

Dimethylphthalate

Concen: 10.256 ng

RT: 14.281 min Scan# 1905

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

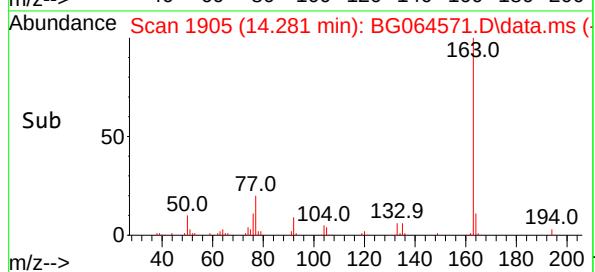
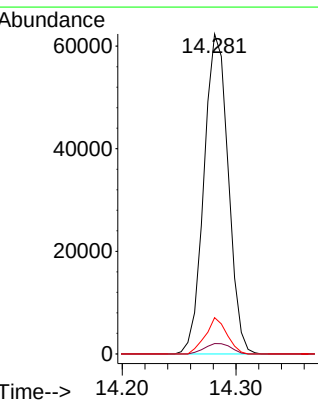
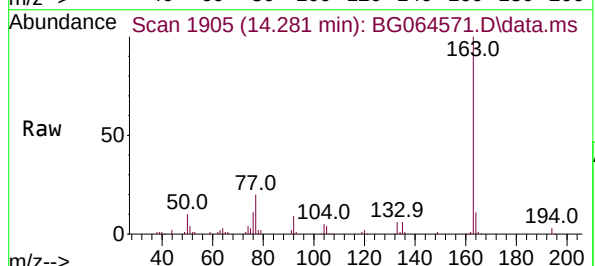
Tgt Ion:163 Resp: 92308

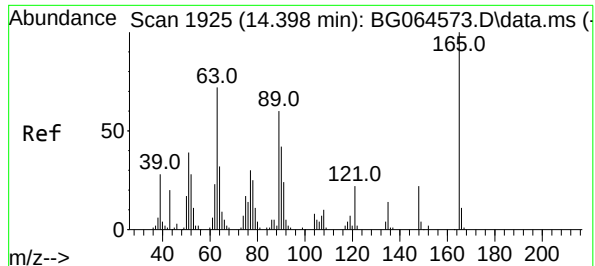
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

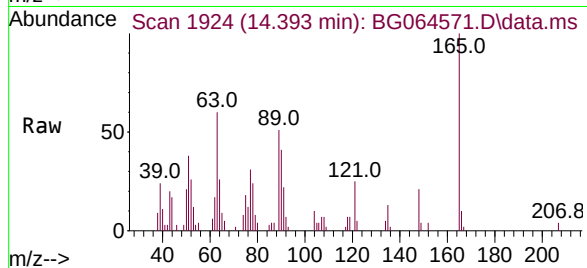
164 11.3 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

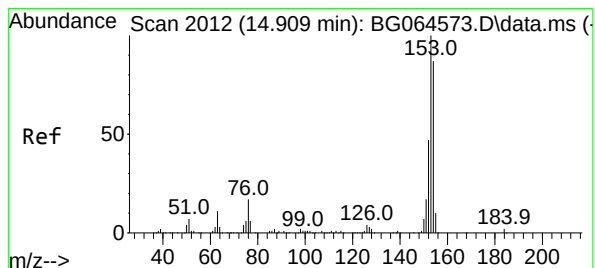
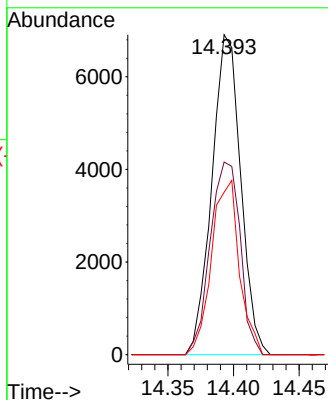
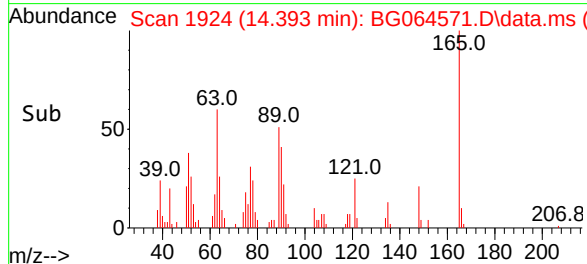
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 1060
Ion Ratio Lower Upper
165 100
63 60.2 57.4 86.0
89 50.8 47.8 71.8

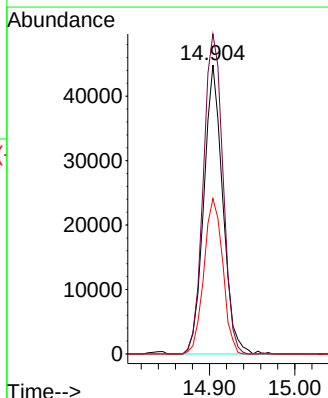
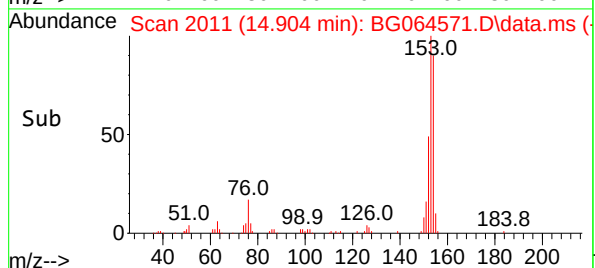
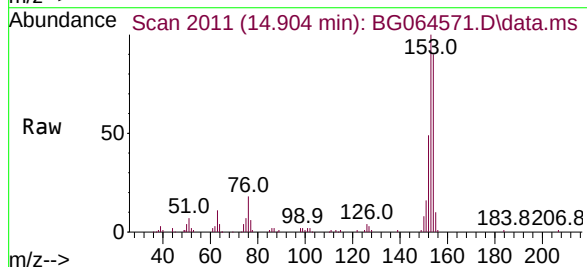
Manual Integrations
APPROVED

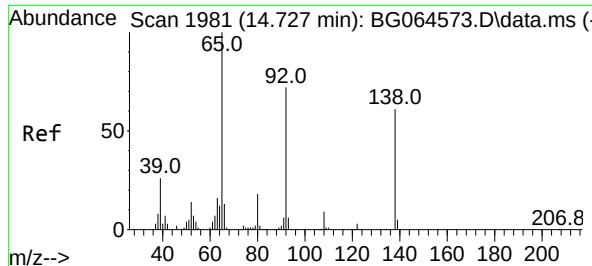
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#52
Acenaphthene
Concen: 10.184 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:154 Resp: 69273
Ion Ratio Lower Upper
154 100
153 110.8 92.2 138.4
152 53.8 43.2 64.8





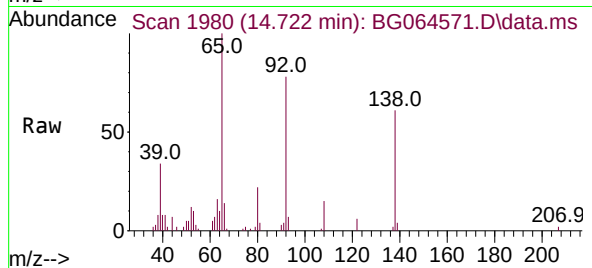
#53
3-Nitroaniline
Concen: 8.026 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

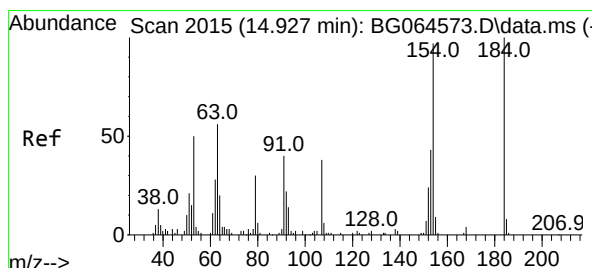
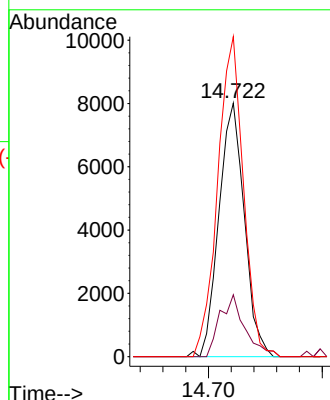
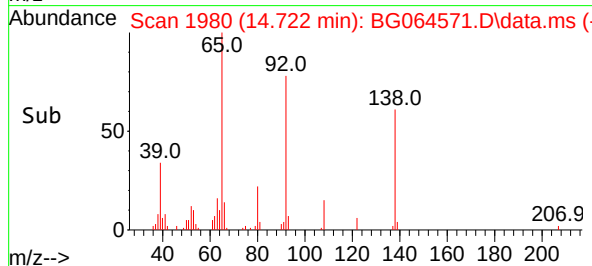


Tgt Ion:138 Resp: 12414
Ion Ratio Lower Upper
138 100
108 24.4 11.4 17.0#
92 126.2 95.3 142.9

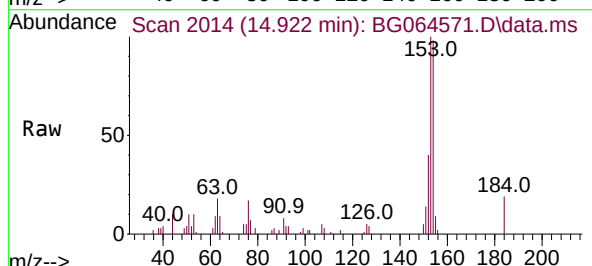
Manual Integrations

APPROVED

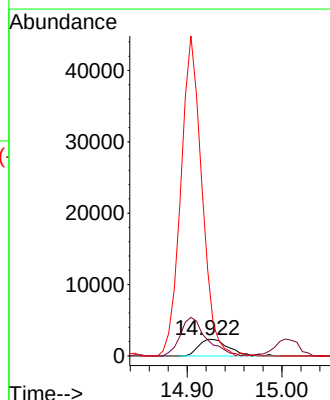
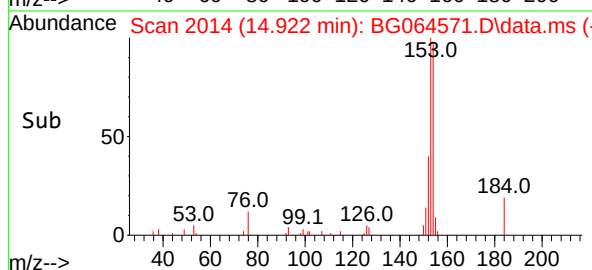
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

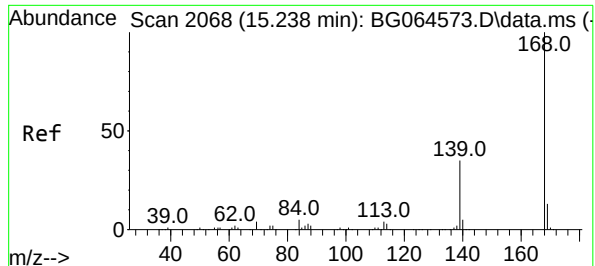


#54
2,4-Dinitrophenol
Concen: 10.760 ng
RT: 14.922 min Scan# 2014
Delta R.T. -0.008 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



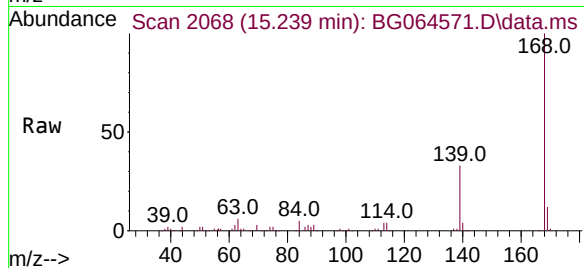
Tgt Ion:184 Resp: 5082
Ion Ratio Lower Upper
184 100
63 95.9 56.6 85.0#
154 514.8 158.6 238.0#





#55
Dibenzenofuran
Concen: 10.548 ng
RT: 15.239 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

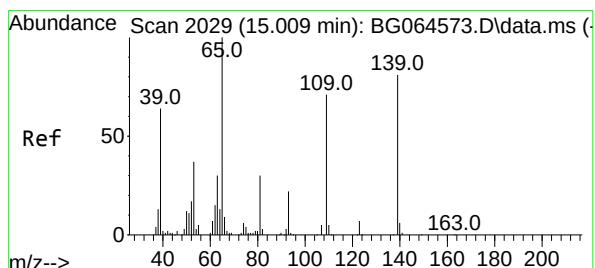
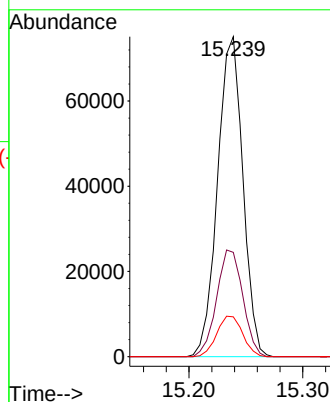
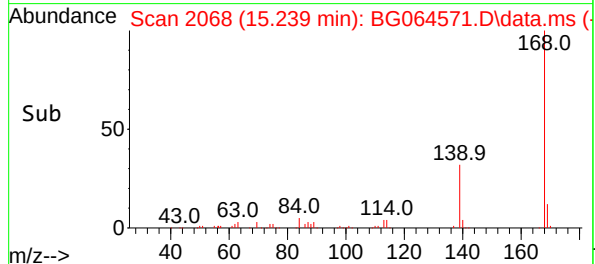
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



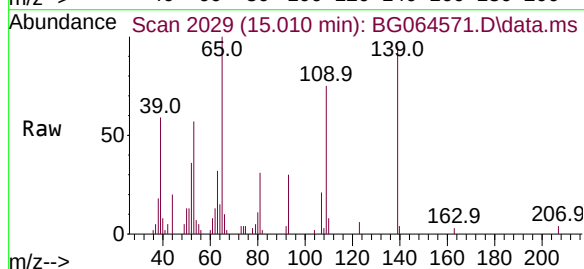
Tgt Ion:168 Resp: 115990
Ion Ratio Lower Upper
168 100
139 32.6 27.8 41.8
169 12.4 10.3 15.5

Manual Integrations
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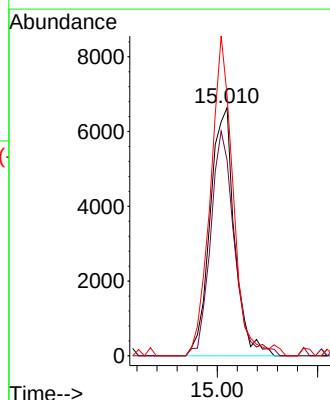
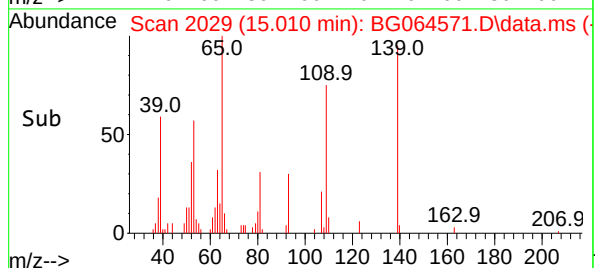
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

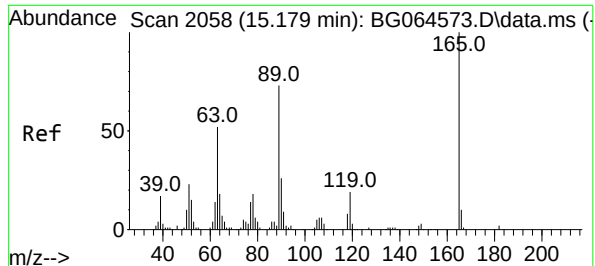


#56
4-Nitrophenol
Concen: 7.815 ng
RT: 15.010 min Scan# 2029
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



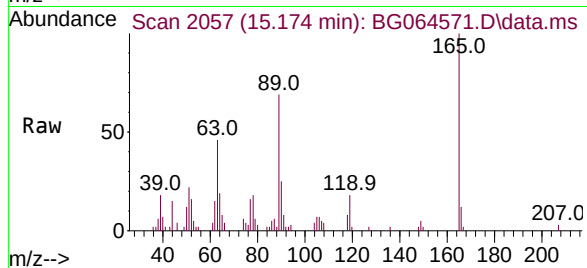
Tgt Ion:139 Resp: 11207
Ion Ratio Lower Upper
139 100
109 78.9 67.8 107.8
65 105.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 9.494 ng
RT: 15.174 min Scan# 2057
Delta R.T. -0.015 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

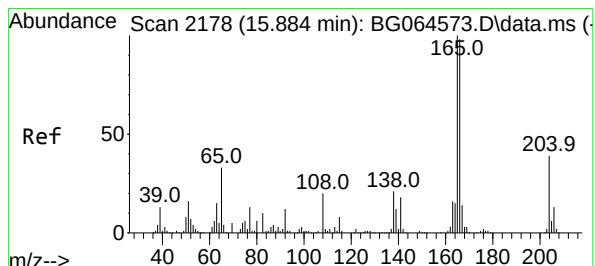
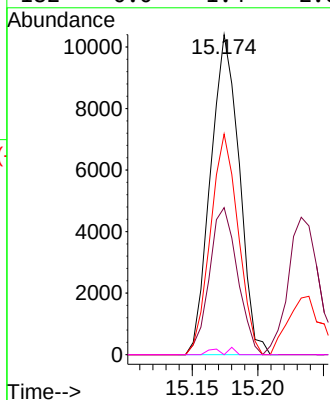
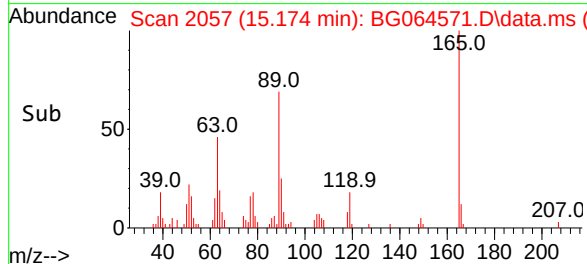
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 1579
Ion Ratio Lower Upper
165 100
63 45.9 41.8 62.8
89 68.9 58.1 87.1
182 0.0 1.4 2.0#

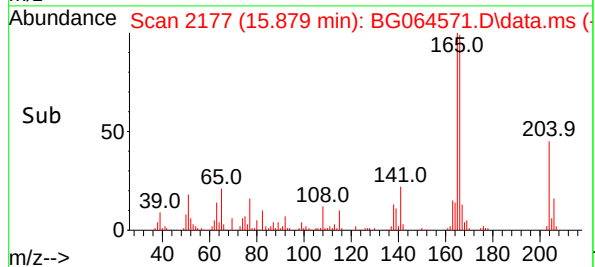
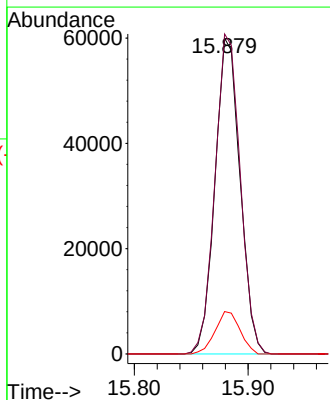
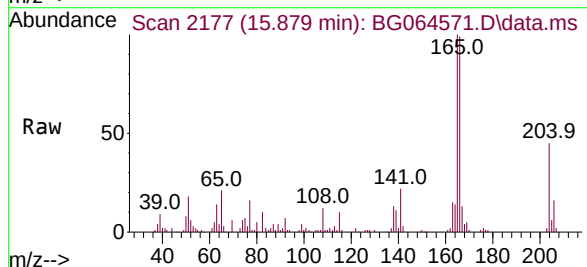
Manual Integrations
APPROVED

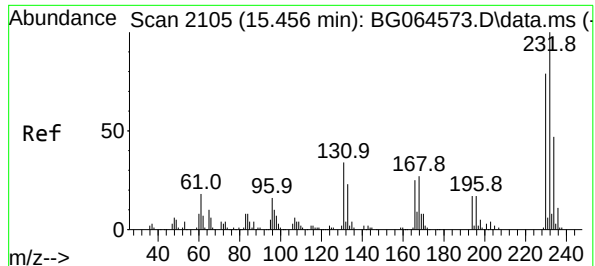
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 10.679 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

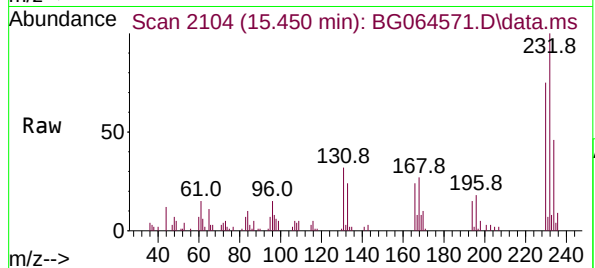
Tgt Ion:166 Resp: 91712
Ion Ratio Lower Upper
166 100
165 101.4 81.5 122.3
167 13.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.088 ng
RT: 15.450 min Scan# 2104
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

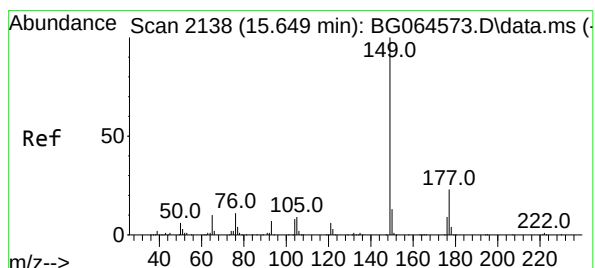
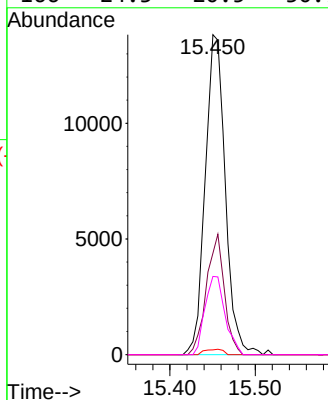
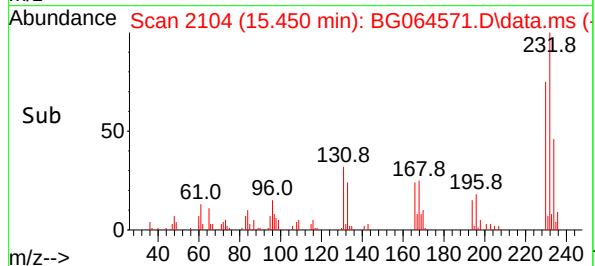
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 22645
Ion Ratio Lower Upper
232 100
131 33.5 26.7 40.1
130 1.5 1.6 2.4
166 24.3 20.5 30.7

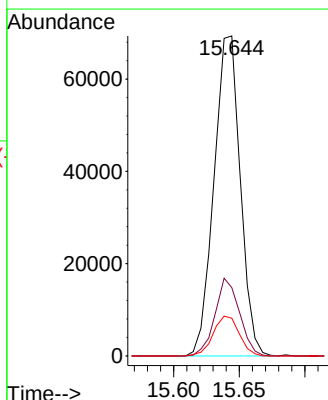
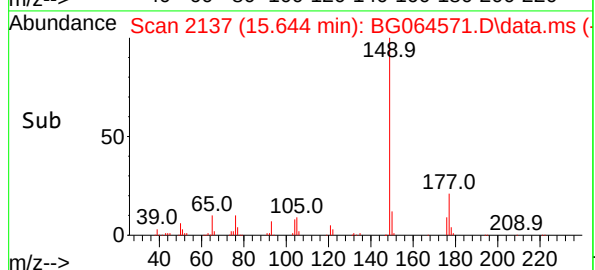
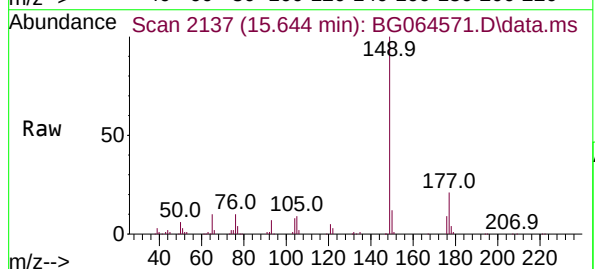
Manual Integrations
APPROVED

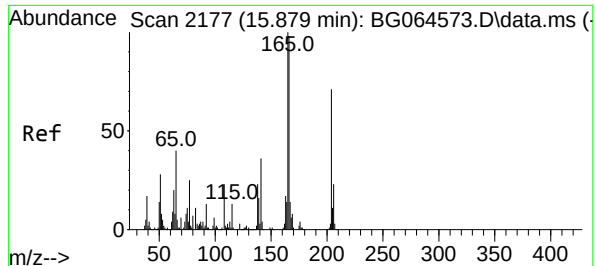
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#60
Diethylphthalate
Concen: 10.525 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 96719
Ion Ratio Lower Upper
149 100
177 21.3 18.0 27.0
150 11.8 10.2 15.4





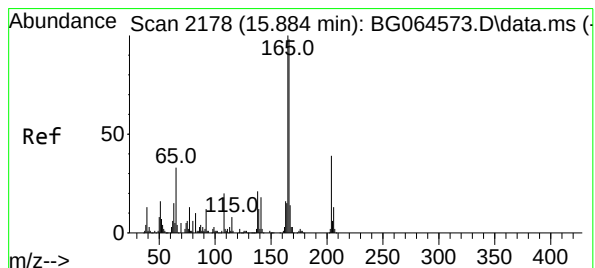
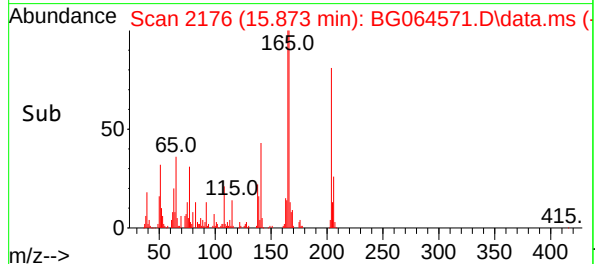
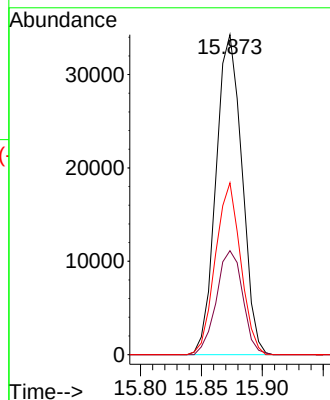
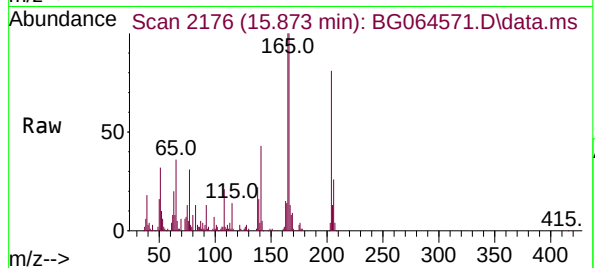
#61
4-Chlorophenyl-phenylether
Concen: 10.544 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 50818
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 53.7 40.6 60.8

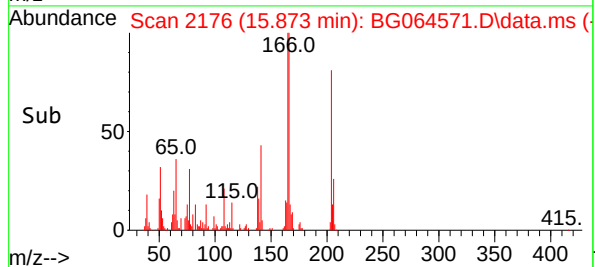
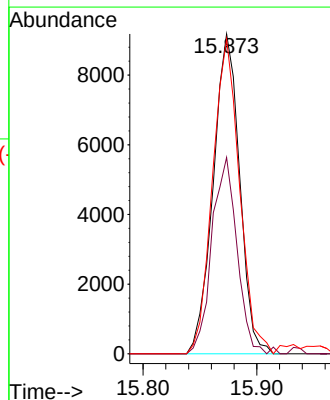
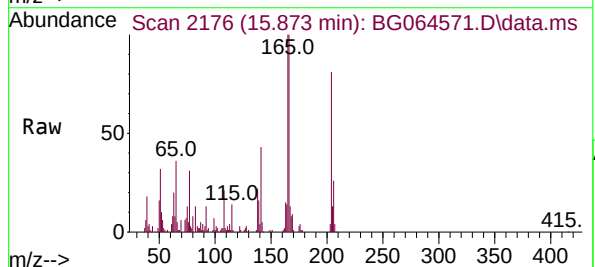
Manual Integrations
APPROVED

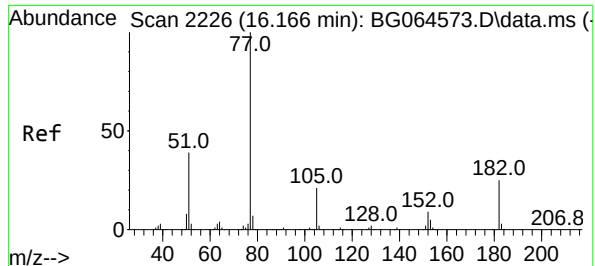
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#62
4-Nitroaniline
Concen: 8.612 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.020 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:138 Resp: 14819
Ion Ratio Lower Upper
138 100
92 61.4 36.1 76.1
108 98.5 75.6 115.6





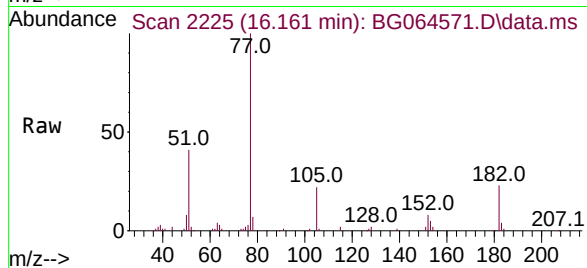
#63
Azobenzene
Concen: 10.489 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

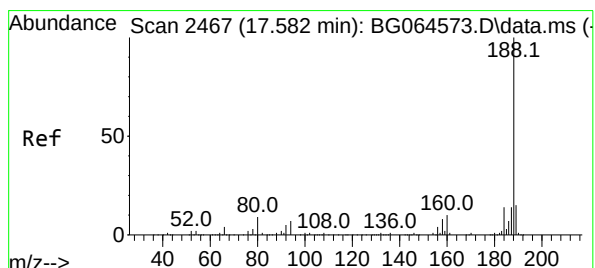
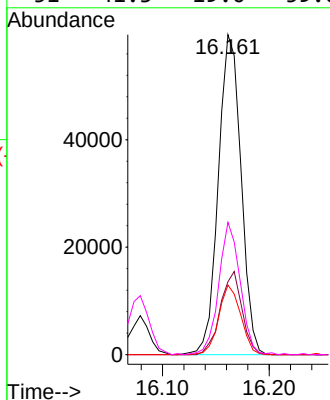
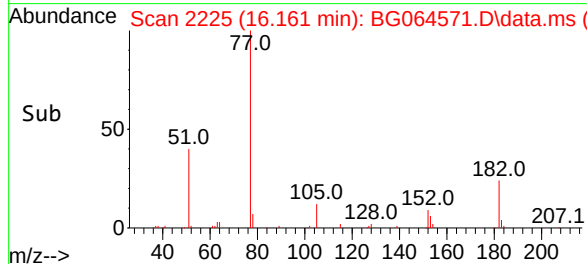


Tgt Ion: 77 Resp: 8844
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 21.7 1.3 41.3
51 41.3 19.0 59.0

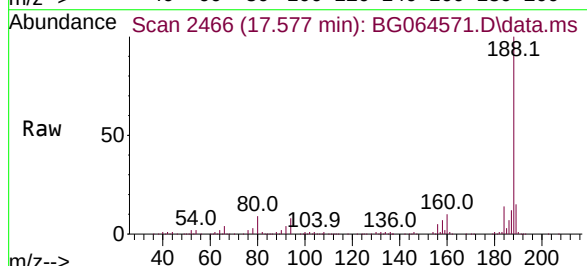
Manual Integrations

APPROVED

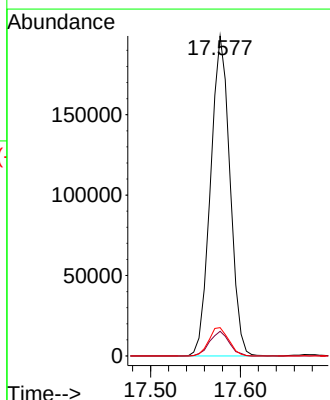
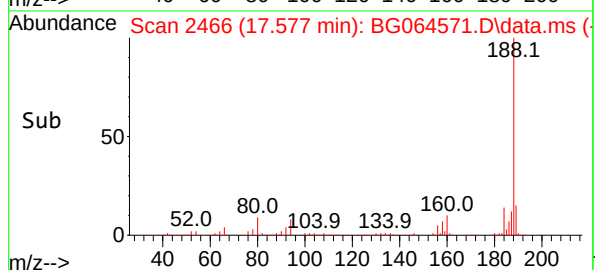
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

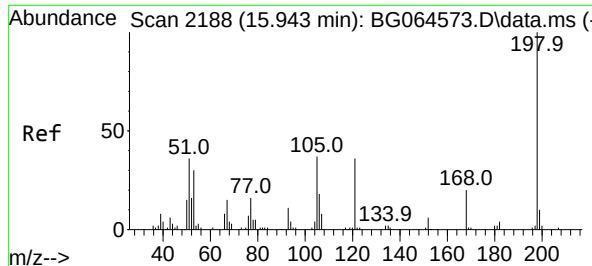


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:188 Resp: 300549
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.8 6.8 10.2





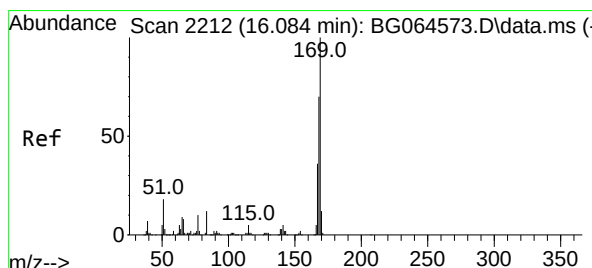
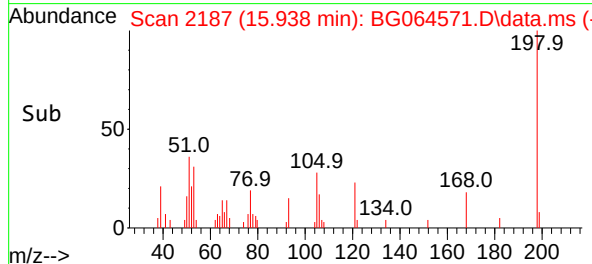
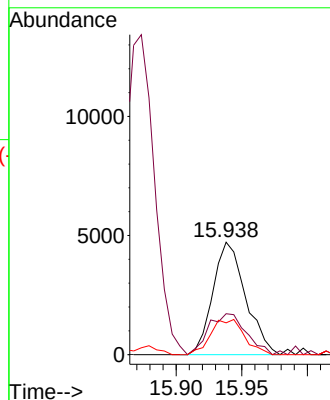
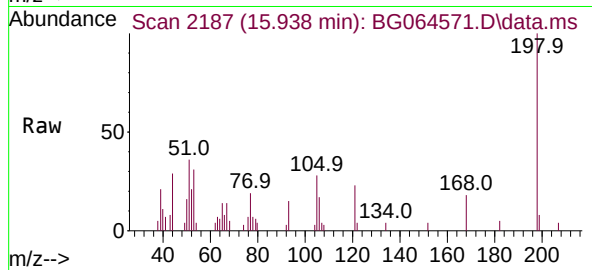
#65
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 15.938 min Scan# 2188
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 8190
Ion Ratio Lower Upper
198 100
51 36.4 24.7 64.7
105 28.3 18.0 58.0

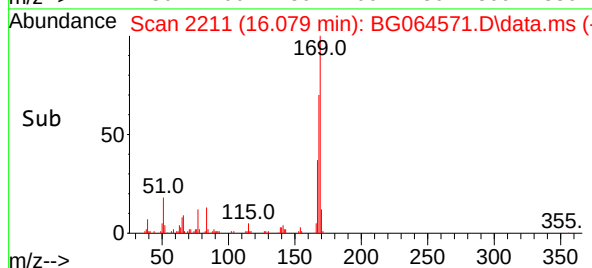
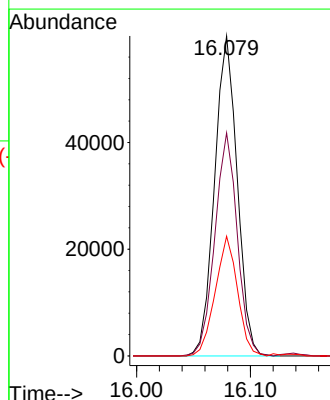
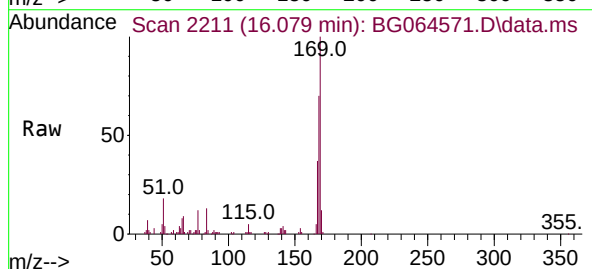
Manual Integrations
APPROVED

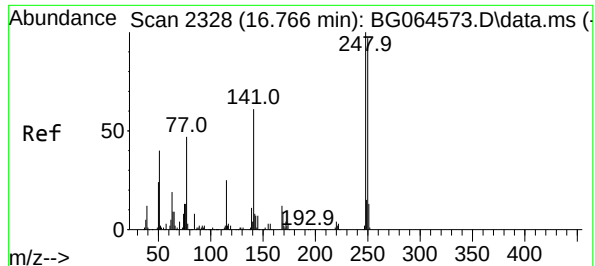
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 10.197 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

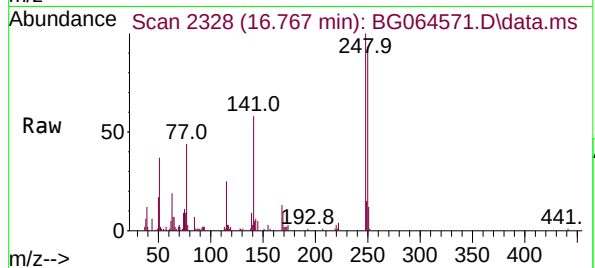
Tgt Ion:169 Resp: 82787
Ion Ratio Lower Upper
169 100
168 69.7 56.3 84.5
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.949 ng
RT: 16.767 min Scan# 2328
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

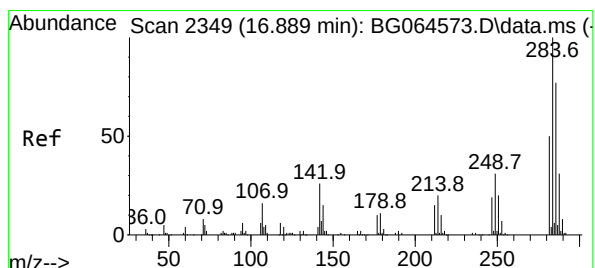
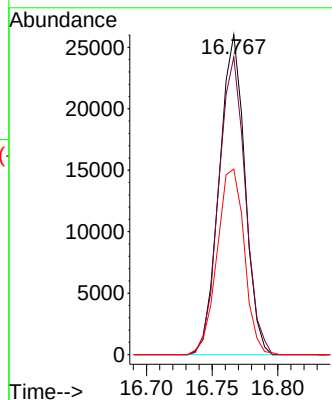
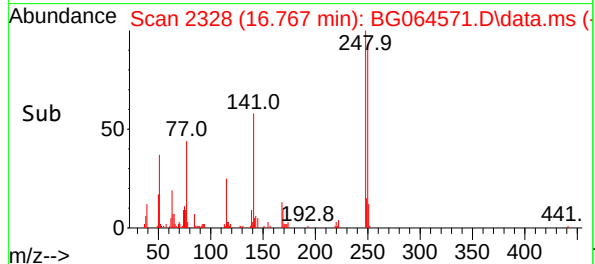
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



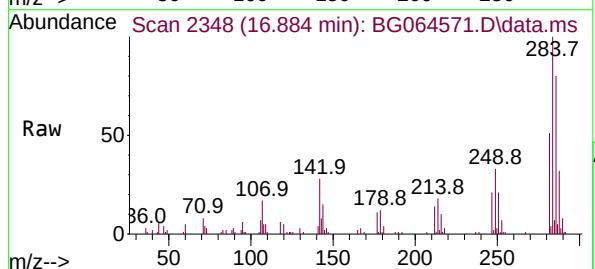
Tgt Ion:248 Resp: 35433
Ion Ratio Lower Upper
248 100
250 93.0 77.7 116.5
141 58.0 48.6 72.8

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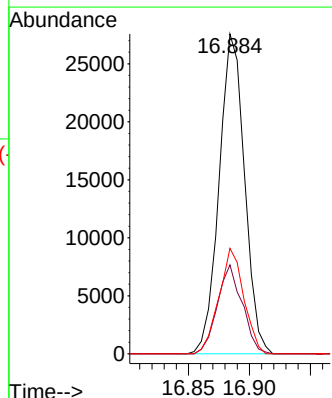
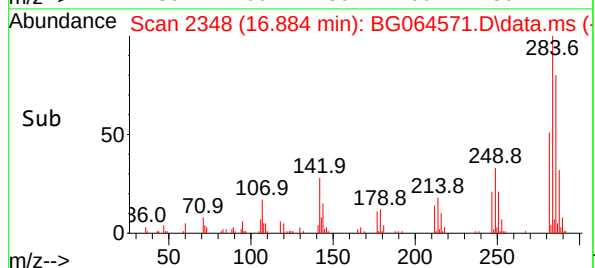
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

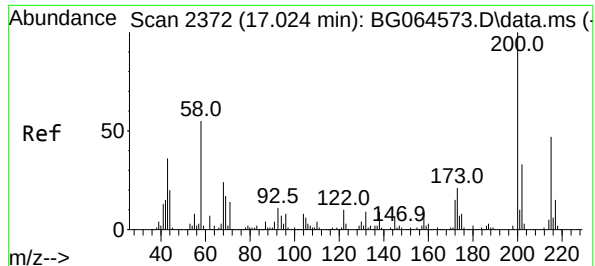


#68
Hexachlorobenzene
Concen: 9.838 ng
RT: 16.884 min Scan# 2348
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



Tgt Ion:284 Resp: 39975
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.6
249 35.9 24.9 37.3





#69

Atrazine

Concen: 9.785 ng

RT: 17.019 min Scan# 2371

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 34185

Ion Ratio Lower Upper

200 100

173 20.7 0.9 40.9

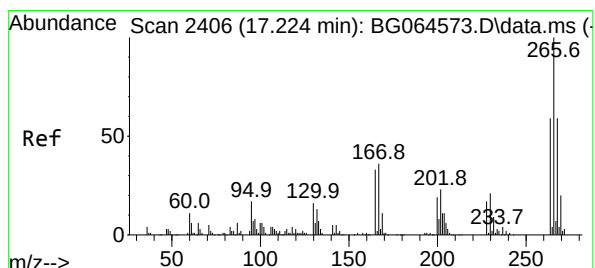
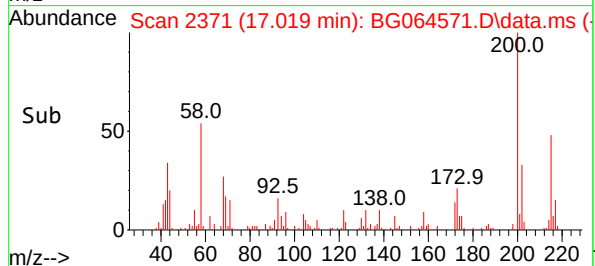
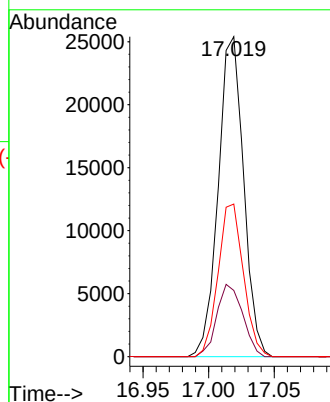
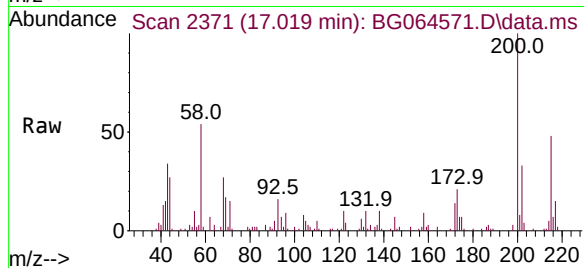
215 47.7 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#70

Pentachlorophenol

Concen: 7.838 ng

RT: 17.225 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

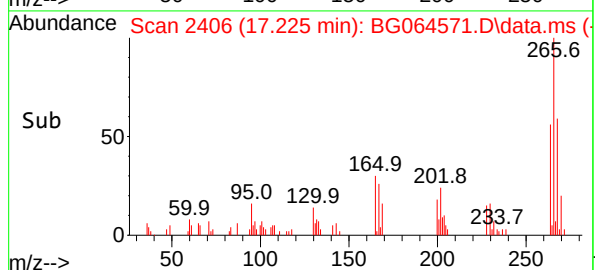
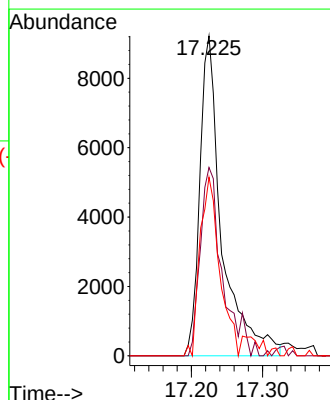
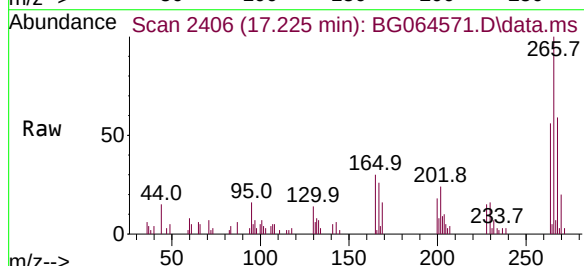
Tgt Ion:266 Resp: 19859

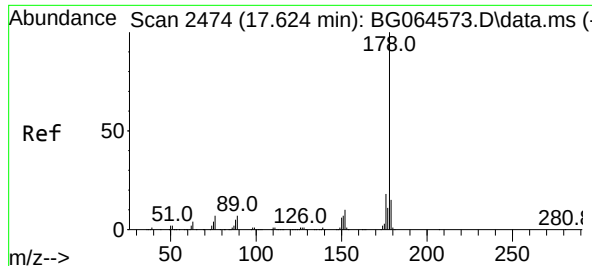
Ion Ratio Lower Upper

266 100

268 58.9 50.3 75.5

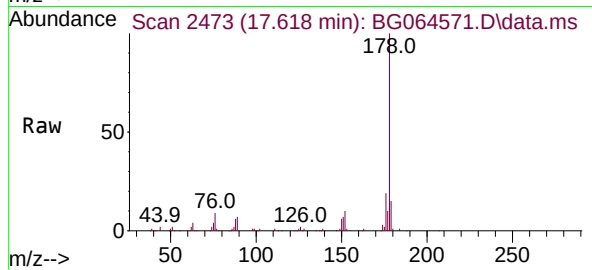
264 61.2 47.3 70.9





#71
Phenanthrene
Concen: 10.361 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

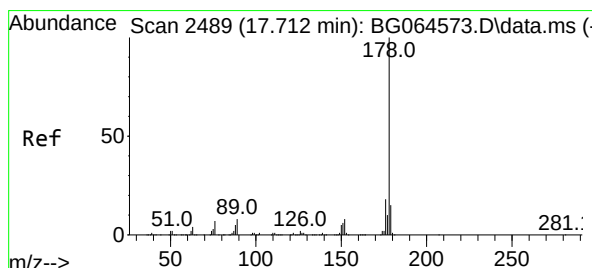
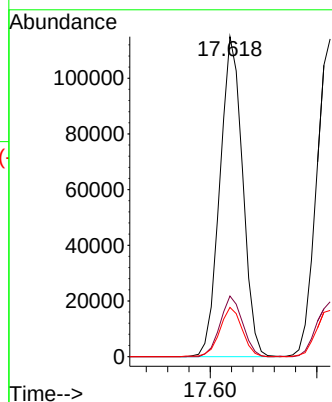
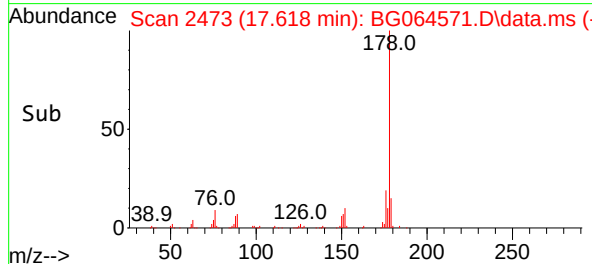
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 170294
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

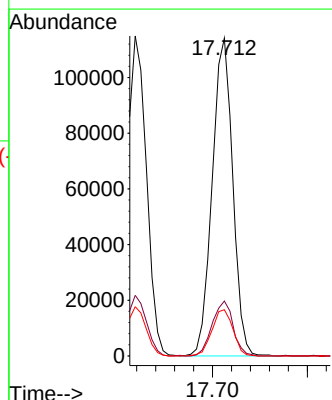
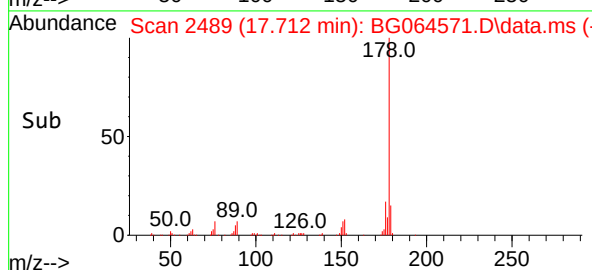
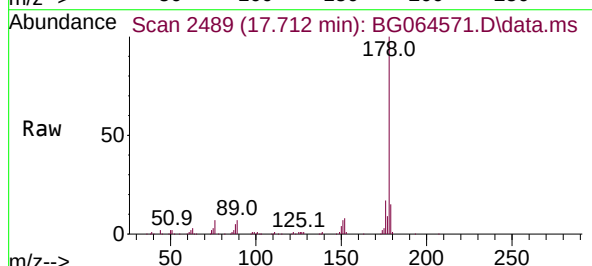
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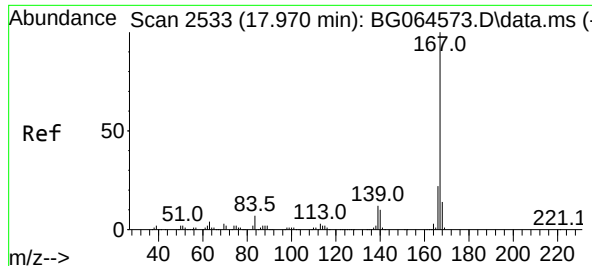
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 10.279 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

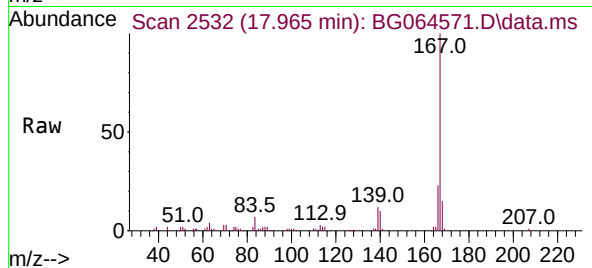
Tgt Ion:178 Resp: 171860
Ion Ratio Lower Upper
178 100
176 17.2 14.4 21.6
179 14.5 12.4 18.6





#73
Carbazole
Concen: 10.575 ng
RT: 17.965 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

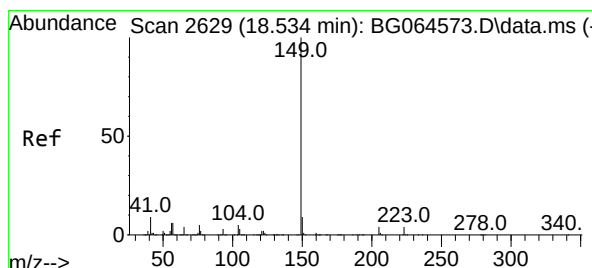
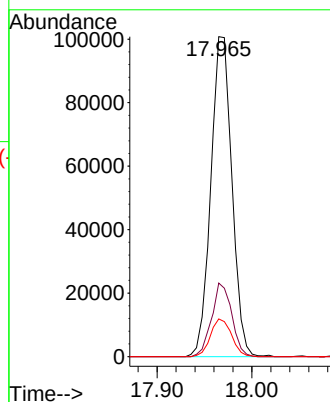
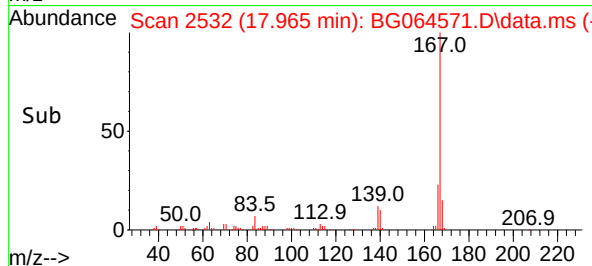
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



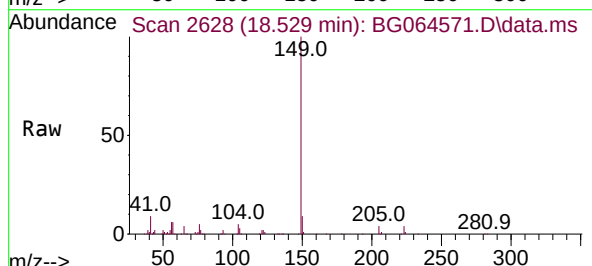
Tgt Ion:167 Resp: 155907
Ion Ratio Lower Upper
167 100
166 23.0 17.9 26.9
139 11.8 9.7 14.5

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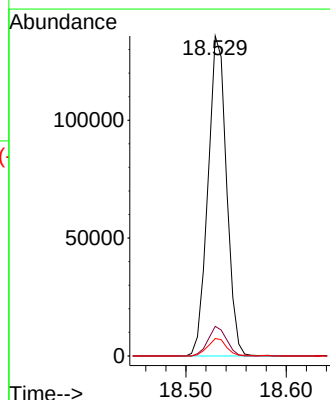
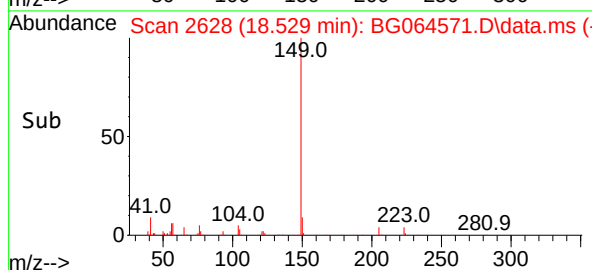
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

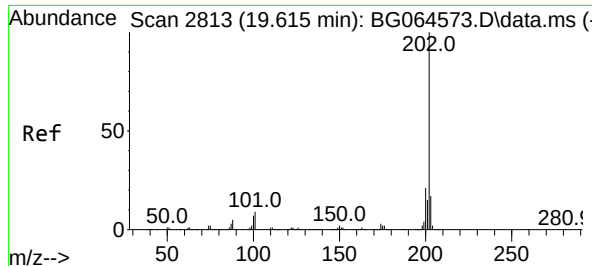


#74
Di-n-butylphthalate
Concen: 10.189 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02



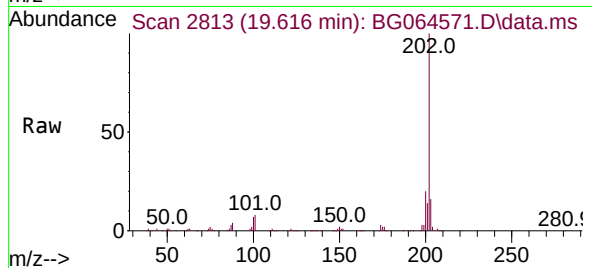
Tgt Ion:149 Resp: 173716
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 10.677 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

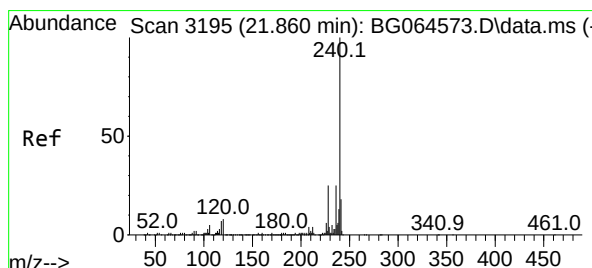
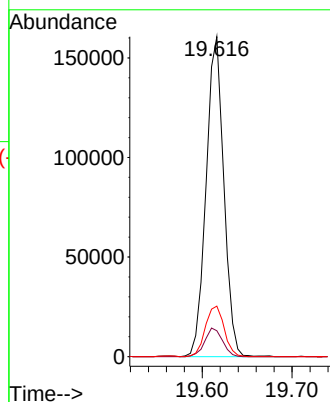
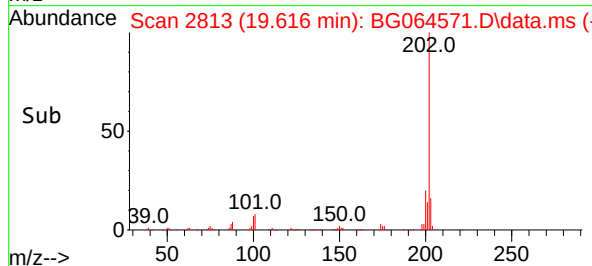
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 219838
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.7
203 15.8 0.0 37.0

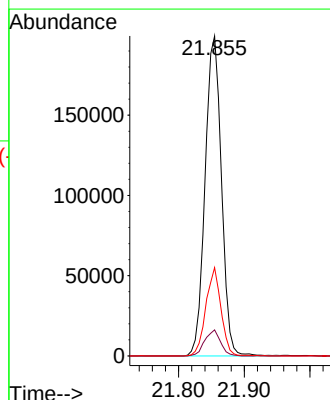
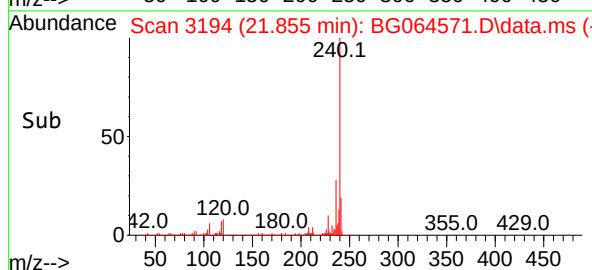
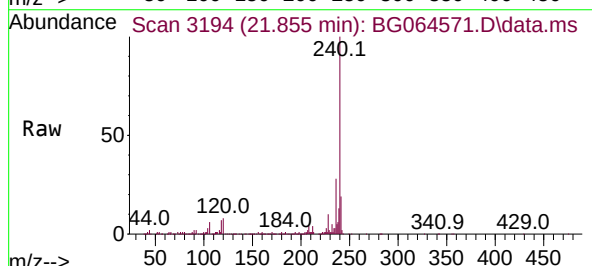
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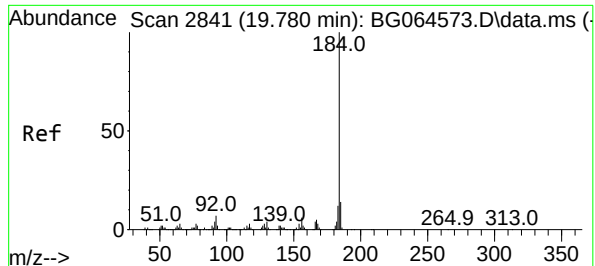
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3194
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

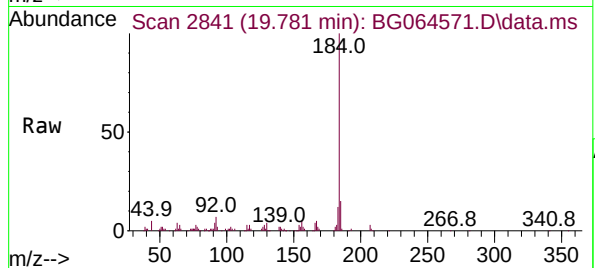
Tgt Ion:240 Resp: 343958
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.6 20.2 30.2





#77
Benzidine
Concen: 8.750 ng
RT: 19.781 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

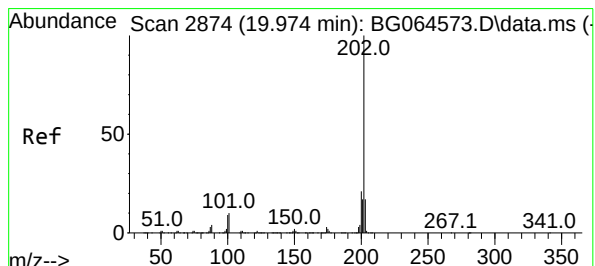
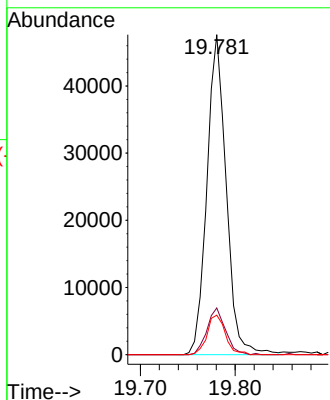
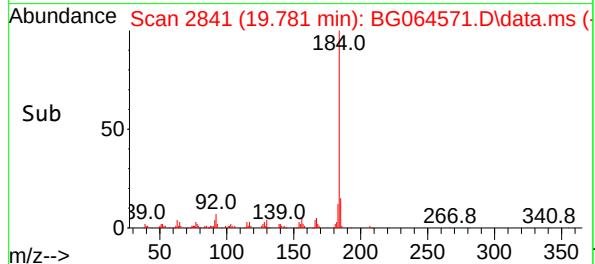
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 67427
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 12.3 9.4 14.2

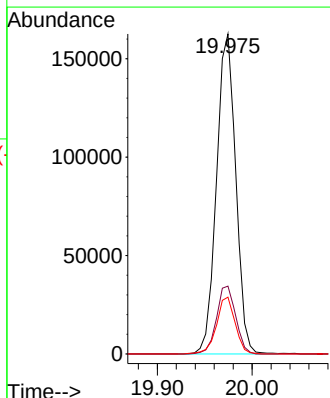
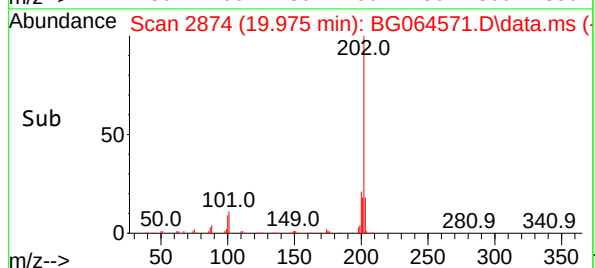
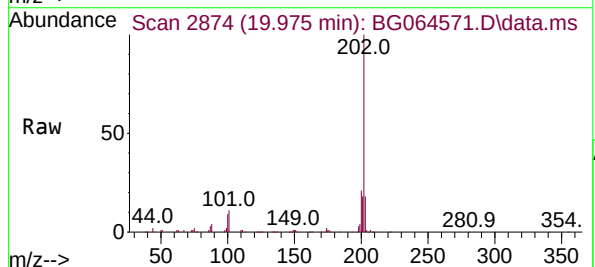
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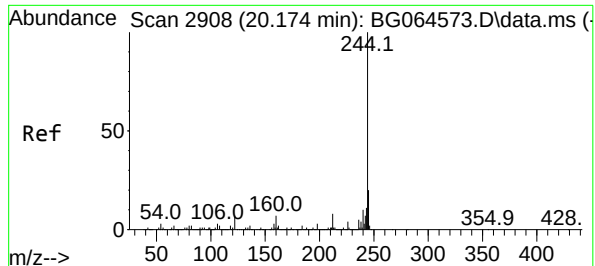
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 10.186 ng
RT: 19.975 min Scan# 2874
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

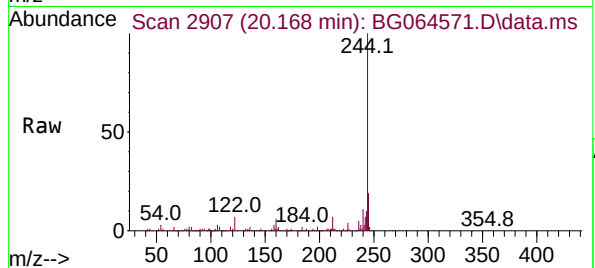
Tgt Ion:202 Resp: 228905
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 21.129 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

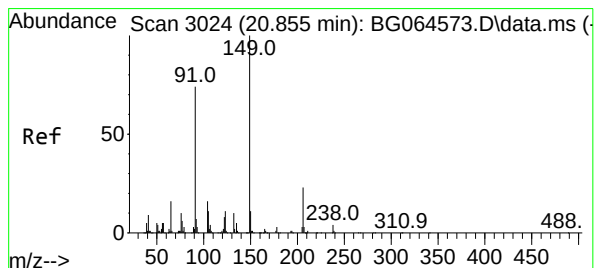
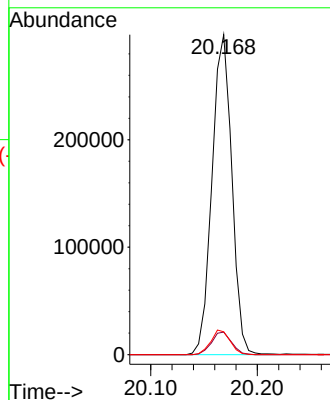
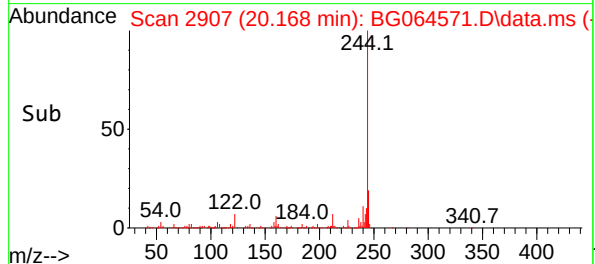
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 385094
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.2 5.6 8.4

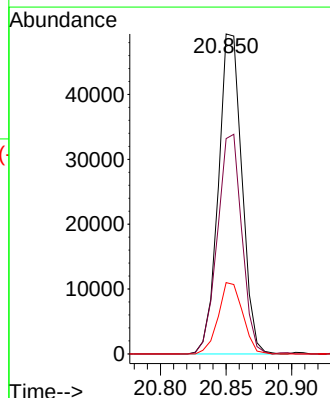
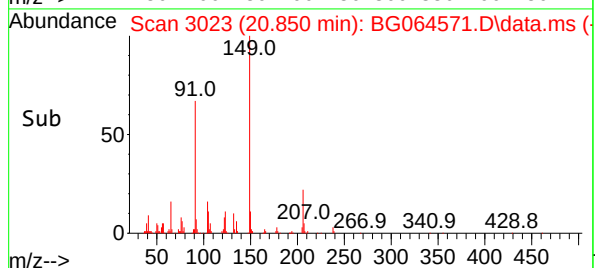
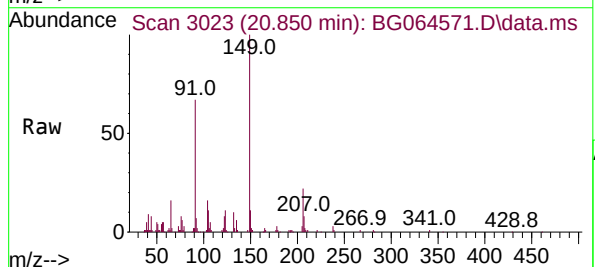
Manual Integrations
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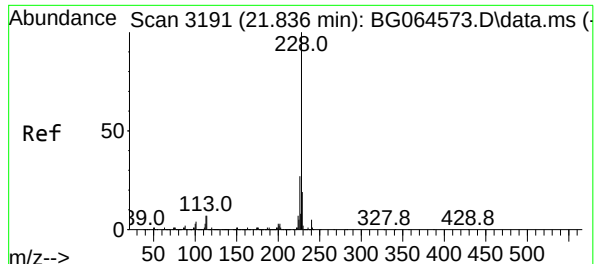
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 9.080 ng
RT: 20.850 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:149 Resp: 61669
Ion Ratio Lower Upper
149 100
91 67.3 59.2 88.8
206 22.3 18.1 27.1





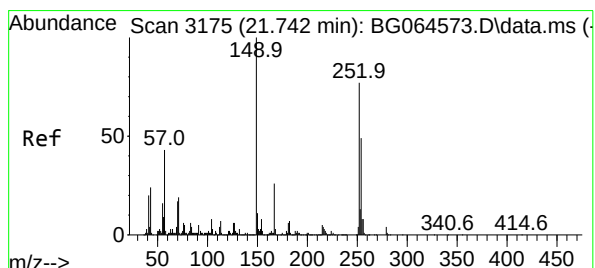
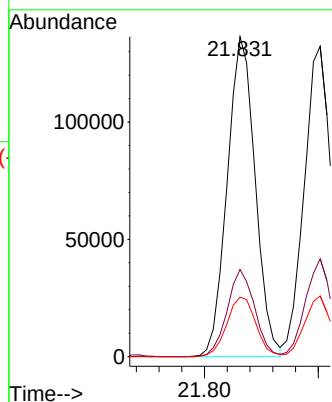
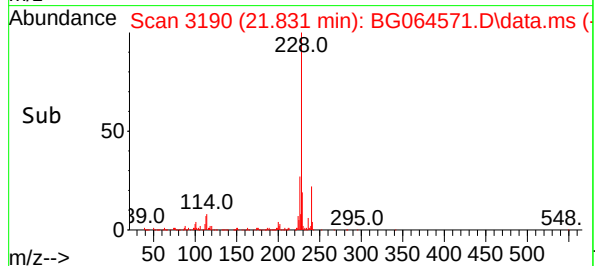
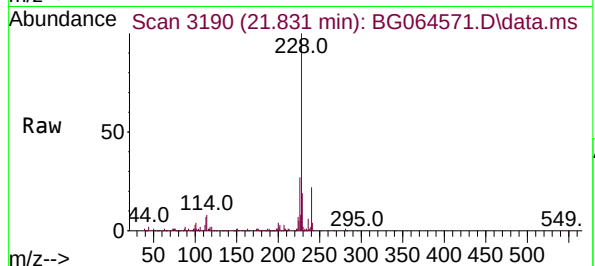
#81
Benzo(a)anthracene
Concen: 10.219 ng
RT: 21.831 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 233051
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 18.6 15.6 23.4

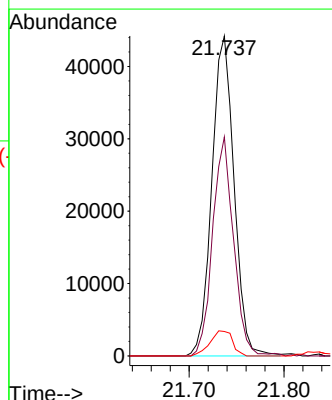
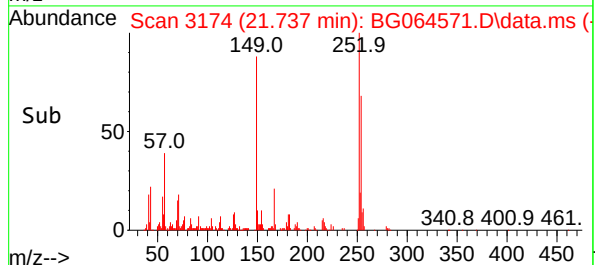
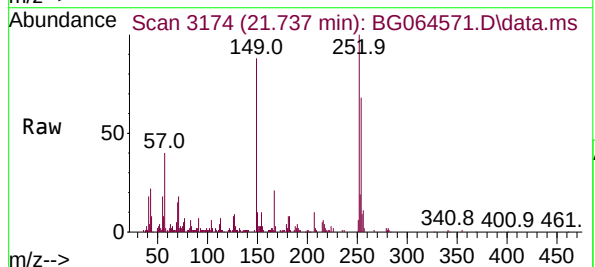
Manual Integrations
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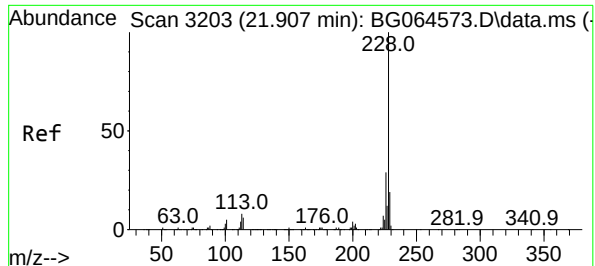
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.448 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 71951
Ion Ratio Lower Upper
252 100
254 68.4 50.8 76.2
126 7.6 5.8 8.6





#83

Chrysene

Concen: 10.231 ng

RT: 21.902 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 222018

Ion Ratio Lower Upper

228 100

226 31.5 23.3 34.9

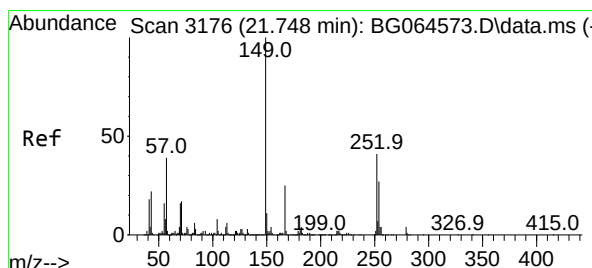
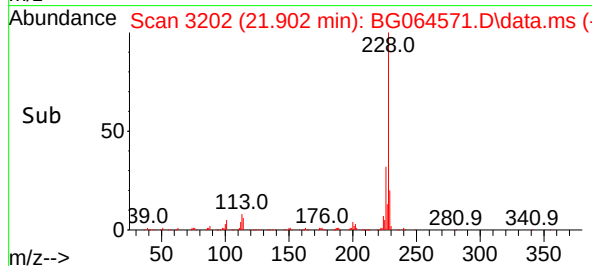
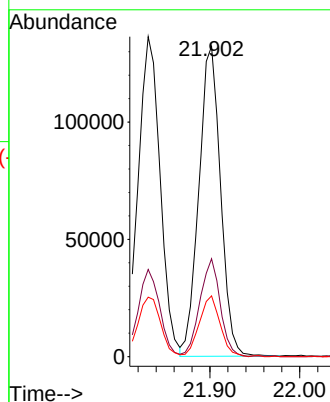
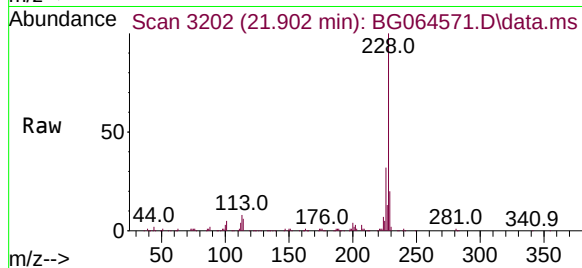
229 19.6 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.410 ng

RT: 21.749 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

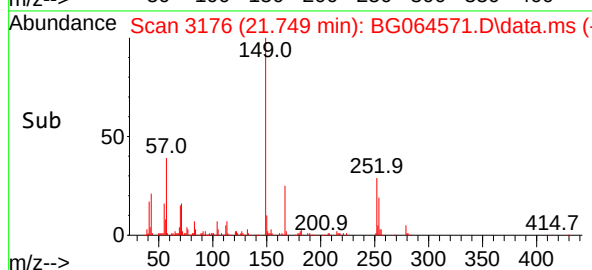
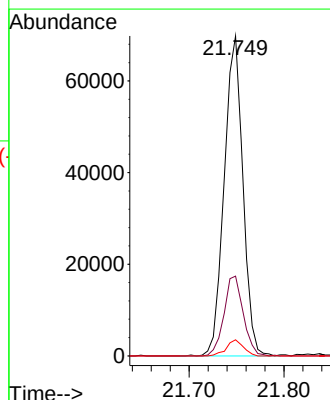
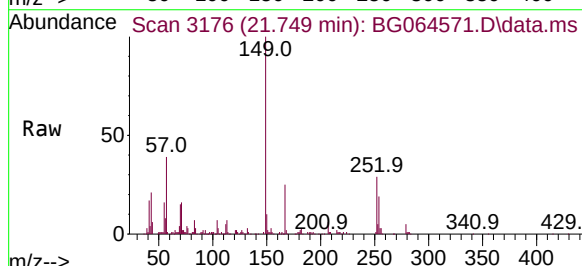
Tgt Ion:149 Resp: 95500

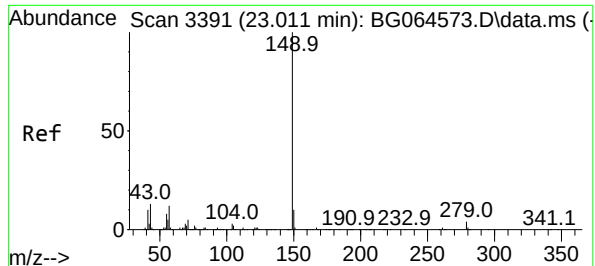
Ion Ratio Lower Upper

149 100

167 24.9 20.0 30.0

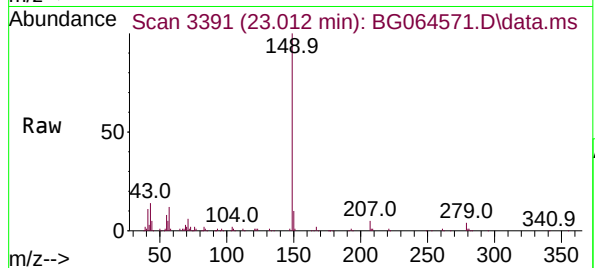
279 5.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 8.759 ng
RT: 23.012 min Scan# 3391
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

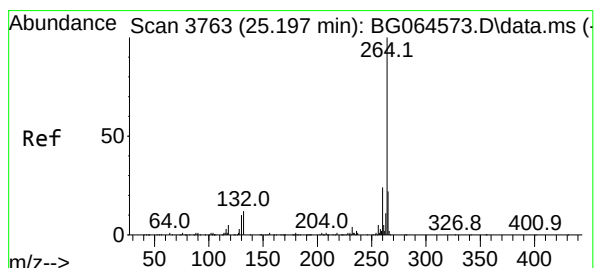
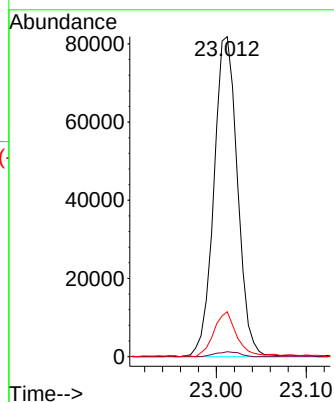
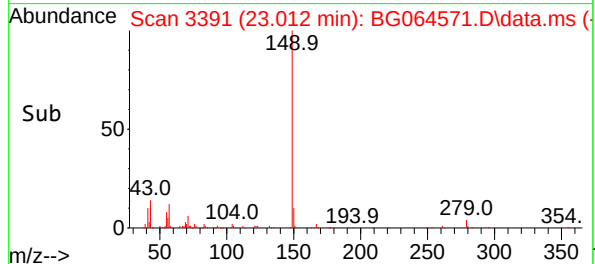
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 149872
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.8 16.2

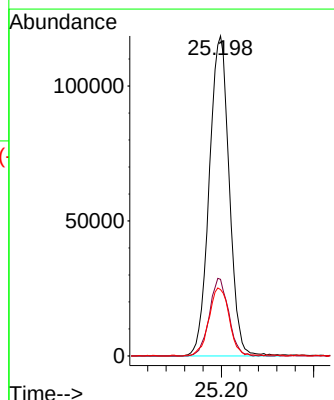
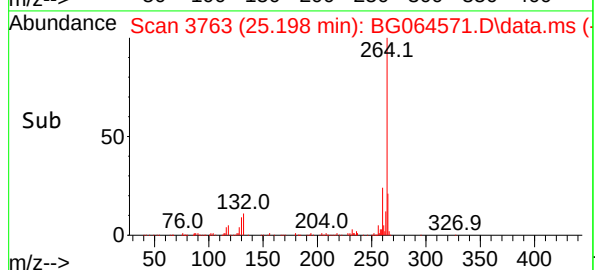
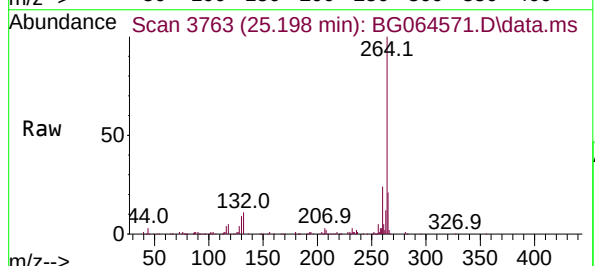
Manual Integrations
APPROVED

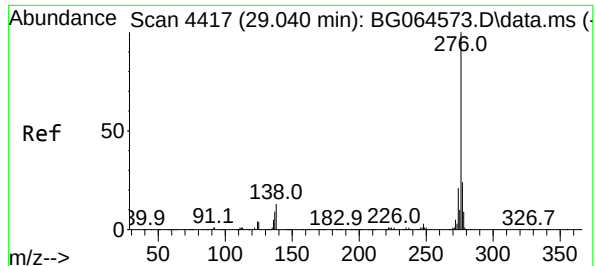
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. -0.003 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

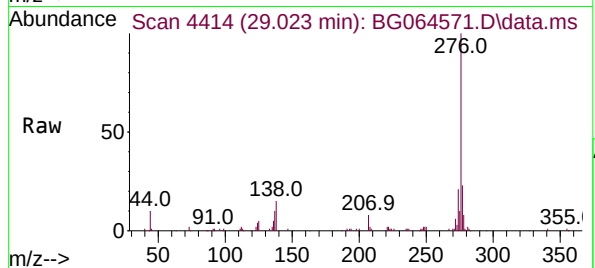
Tgt Ion:264 Resp: 354939
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.132 ng
RT: 29.023 min Scan# 4417
Delta R.T. -0.038 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

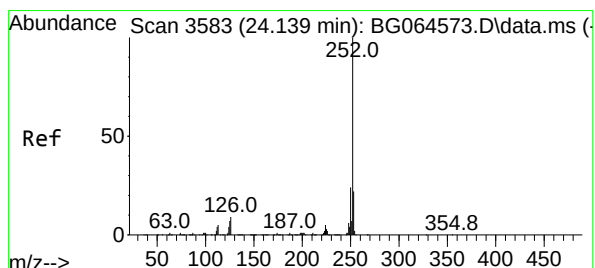
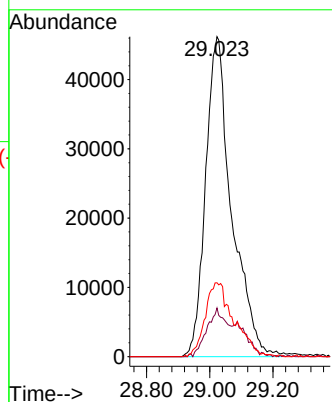
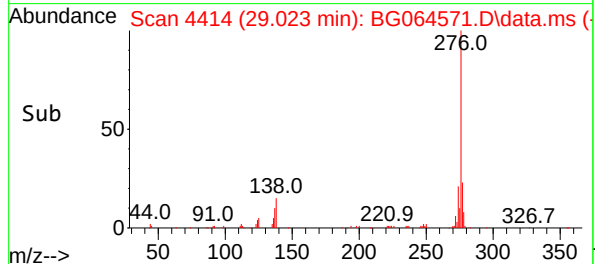
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 26454
Ion Ratio Lower Upper
276 100
138 11.8 10.8 16.2
277 20.9 20.1 30.1

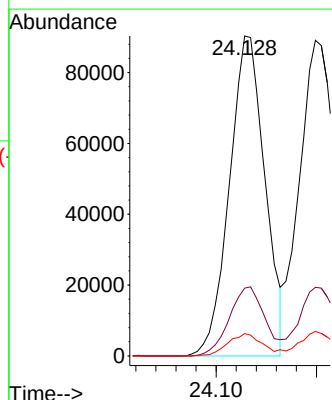
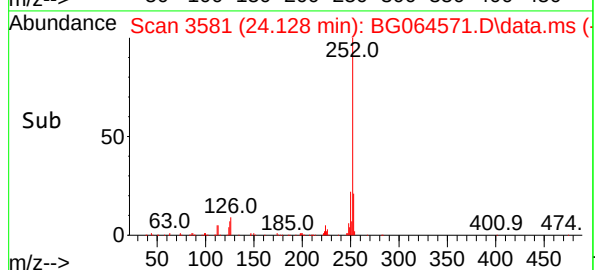
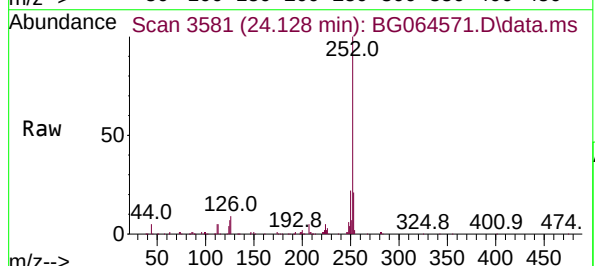
Manual Integrations
APPROVED

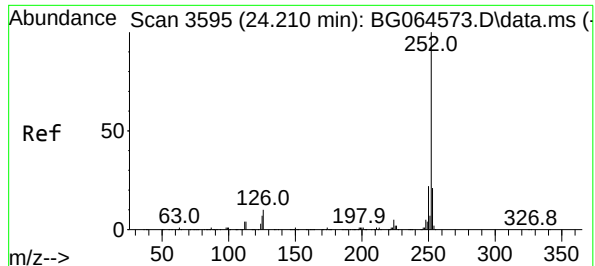
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion:252 Resp: 221197
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 10.270 ng

RT: 24.199 min Scan# 3593

Delta R.T. -0.020 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 223674

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

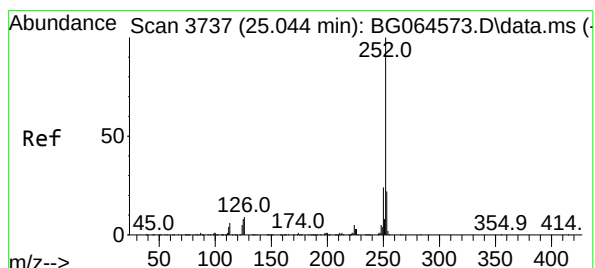
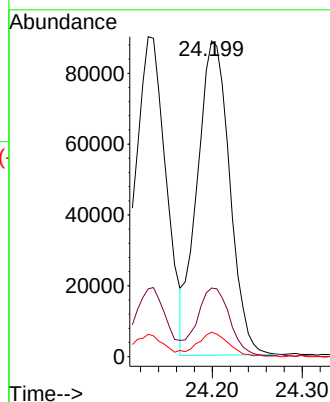
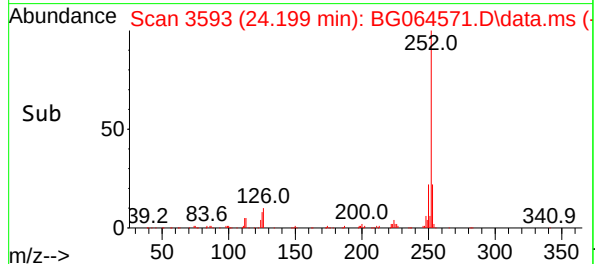
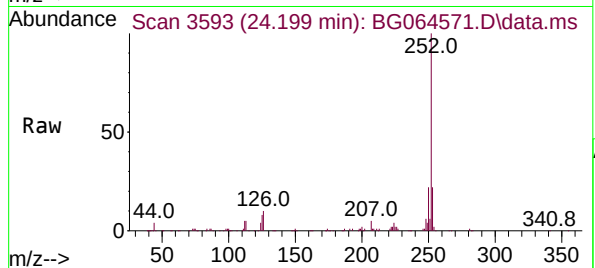
125 7.7 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 10.146 ng

RT: 25.033 min Scan# 3735

Delta R.T. -0.026 min

Lab File: BG064571.D

Acq: 24 Oct 2025 11:02

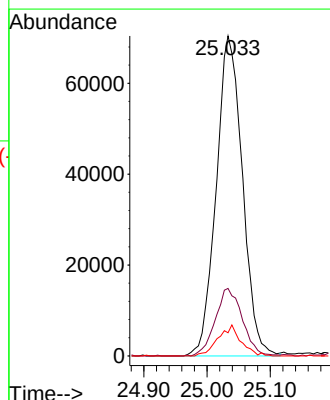
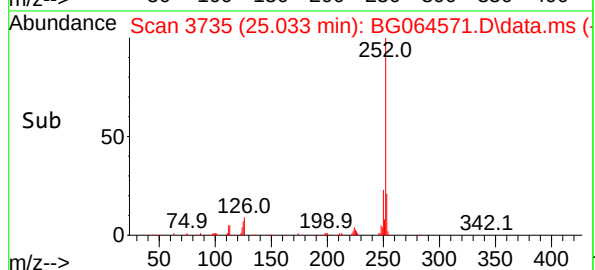
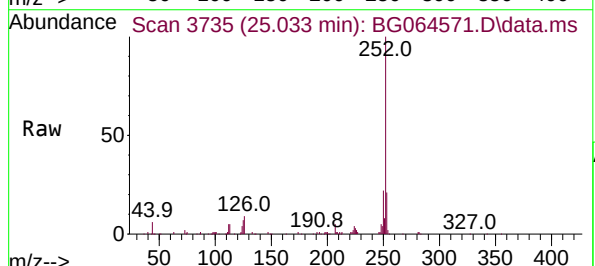
Tgt Ion:252 Resp: 202985

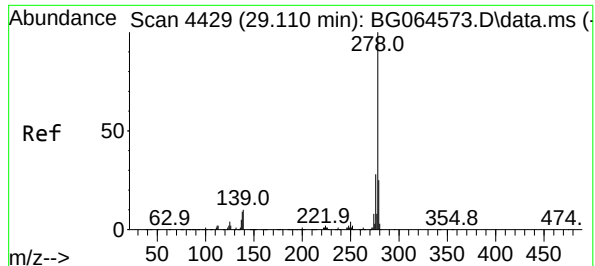
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

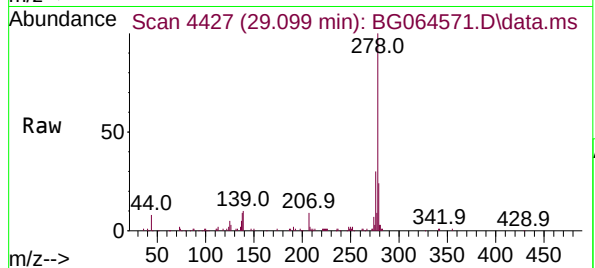
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 10.235 ng
RT: 29.099 min Scan# 4427
Delta R.T. -0.038 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

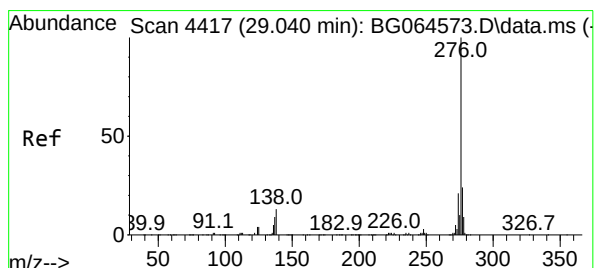
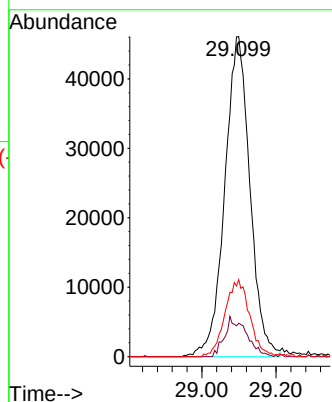
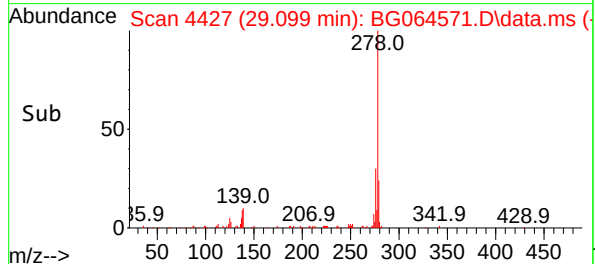
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 217114
Ion Ratio Lower Upper
278 100
139 10.4 8.0 12.0
279 24.0 19.8 29.6

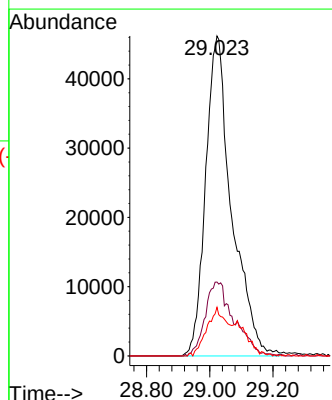
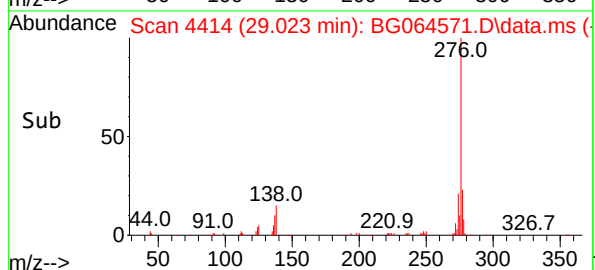
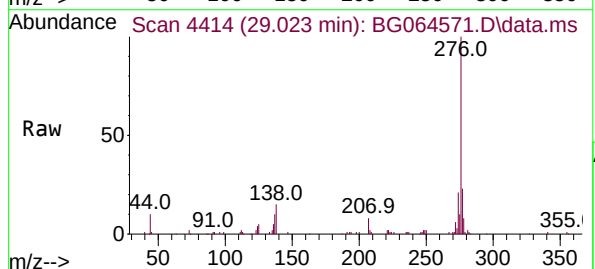
Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 10.132 ng
RT: 29.023 min Scan# 4414
Delta R.T. -0.038 min
Lab File: BG064571.D
Acq: 24 Oct 2025 11:02

Tgt Ion: 276 Resp: 264547
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 15.2 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	46818	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	192551	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	147520	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	357228	20.000	ng	0.00
76) Chrysene-d12	21.854	240	408574	20.000	ng	0.00
86) Perylene-d12	25.198	264	430370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	108123	38.764	ng	0.00
7) Phenol-d6	7.348	99	146608	38.304	ng	0.00
23) Nitrobenzene-d5	9.381	82	121107	37.777	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	80231	37.682	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	385251	39.584	ng	0.00
79) Terphenyl-d14	20.168	244	870741	40.219	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	24533	19.867	ng	99
3) Pyridine	3.999	79	72660	19.593	ng	96
4) n-Nitrosodimethylamine	3.905	42	37799	19.007	ng	# 90
6) Aniline	7.530	93	99762	19.155	ng	99
8) 2-Chlorophenol	7.777	128	56018	19.187	ng	93
9) Benzaldehyde	7.342	77	46540	22.273	ng	97
10) Phenol	7.377	94	81849	19.337	ng	97
11) bis(2-Chloroethyl)ether	7.530	93	99762	19.155	ng	97
12) 1,3-Dichlorobenzene	8.112	146	65241	19.415	ng	99
13) 1,4-Dichlorobenzene	8.259	146	67506	19.758	ng	94
14) 1,2-Dichlorobenzene	8.582	146	63867	19.380	ng	99
15) Benzyl Alcohol	8.447	79	59123	18.732	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	158985	19.476	ng	97
17) 2-Methylphenol	8.447	107	30239	19.167	ng	94
18) Hexachloroethane	9.322	117	23663	19.735	ng	97
19) n-Nitroso-di-n-propyla...	9.022	70	52857	19.982	ng	# 94
20) 3+4-Methylphenols	8.969	107	74026	18.730	ng	94
22) Acetophenone	9.040	105	101737	19.328	ng	96
24) Nitrobenzene	9.422	77	66292	19.012	ng	95
25) Isophorone	9.951	82	148388	19.290	ng	98
26) 2-Nitrophenol	10.145	139	21166	17.837	ng	92
27) 2,4-Dimethylphenol	10.192	122	54972	18.834	ng	90
28) bis(2-Chloroethoxy)met...	10.432	93	85225	19.458	ng	97
29) 2,4-Dichlorophenol	10.679	162	60695	19.710	ng	96
30) 1,2,4-Trichlorobenzene	10.908	180	67078	19.171	ng	97
31) Naphthalene	11.096	128	208734	19.552	ng	99
32) Benzoic acid	10.274	122	27545m	18.129	ng	
33) 4-Chloroaniline	11.190	127	79067	19.055	ng	96
34) Hexachlorobutadiene	11.390	225	54233	19.820	ng	98
35) Caprolactam	11.931	113	22010	18.635	ng	93
36) 4-Chloro-3-methylphenol	12.289	107	69582	18.798	ng	92
37) 2-Methylnaphthalene	12.689	142	153445	19.577	ng	97
38) 1-Methylnaphthalene	12.906	142	149456	19.379	ng	97
40) 1,2,4,5-Tetrachloroben...	13.053	216	95653	19.320	ng	99
41) Hexachlorocyclopentadiene	13.035	237	41178	18.479	ng	97
43) 2,4,6-Trichlorophenol	13.276	196	55295	19.525	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064572.D
 Acq On : 24 Oct 2025 12:23
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

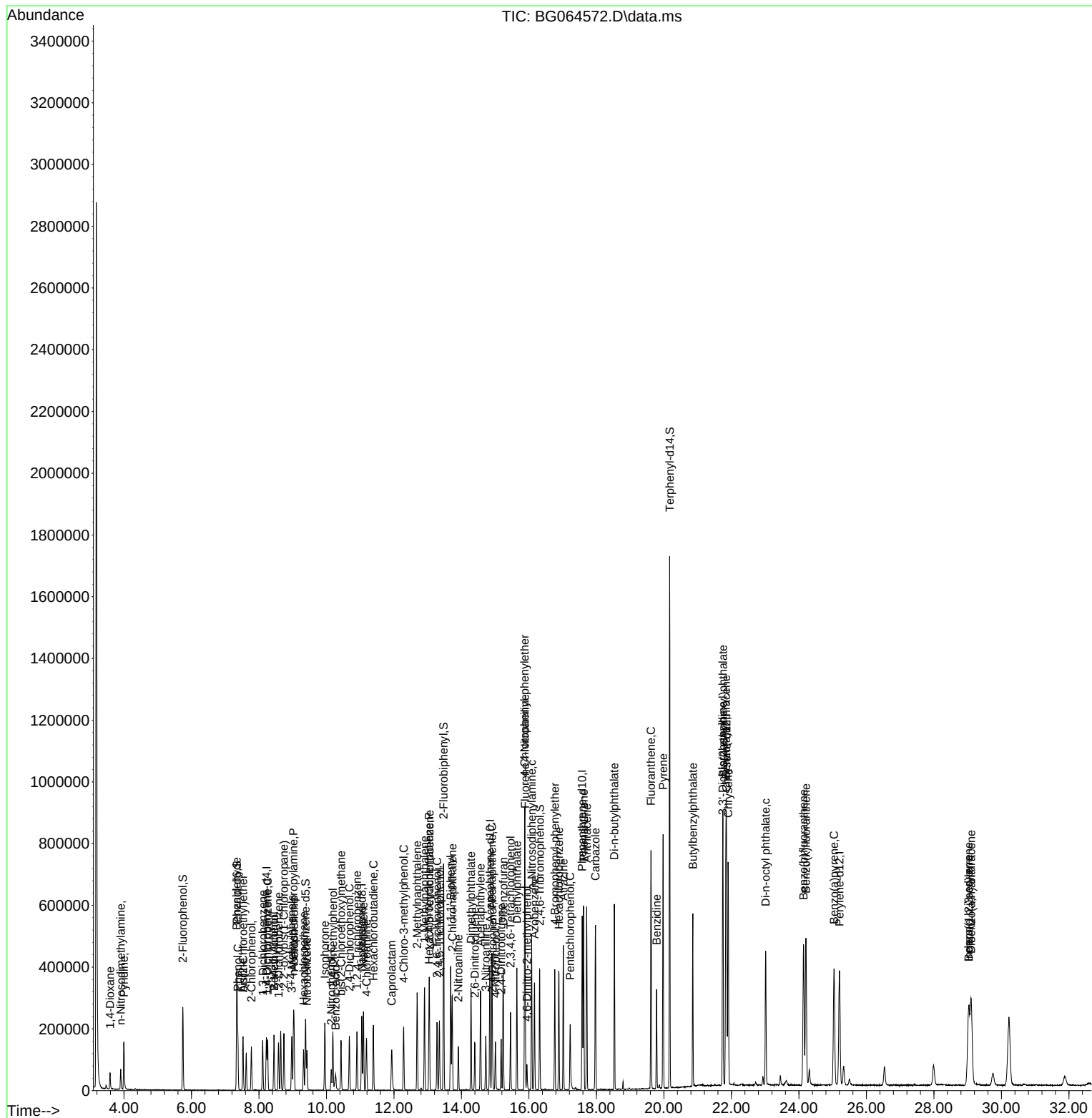
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	64753	19.814	ng	93
46) 1,1'-Biphenyl	13.682	154	206656	19.705	ng	94
47) 2-Chloronaphthalene	13.729	162	155356	19.625	ng	99
48) 2-Nitroaniline	13.911	65	40854	17.565	ng	98
49) Acenaphthylene	14.563	152	242914	19.454	ng	98
50) Dimethylphthalate	14.281	163	219575	19.452	ng	99
51) 2,6-Dinitrotoluene	14.393	165	28427	17.440	ng	96
52) Acenaphthene	14.904	154	164542	19.287	ng	96
53) 3-Nitroaniline	14.722	138	37234	19.193	ng	# 99
54) 2,4-Dinitrophenol	14.921	184	16182	18.744	ng	# 29
55) Dibenzofuran	15.239	168	269419	19.534	ng	98
56) 4-Nitrophenol	15.009	139	31366	17.439	ng	90
57) 2,4-Dinitrotoluene	15.180	165	44209	17.427	ng	# 96
58) Fluorene	15.885	166	210426	19.536	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.456	232	59314	18.980	ng	99
60) Diethylphthalate	15.644	149	223398	19.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	116865	19.333	ng	98
62) 4-Nitroaniline	15.879	138	42261	19.582	ng	99
63) Azobenzene	16.161	77	203101	19.205	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	22843	18.316	ng	92
66) n-Nitrosodiphenylamine	16.079	169	187560	19.437	ng	98
67) 4-Bromophenyl-phenylether	16.766	248	82311	19.444	ng	98
68) Hexachlorobenzene	16.890	284	93647	19.391	ng	96
69) Atrazine	17.019	200	88832	21.392	ng	95
70) Pentachlorophenol	17.219	266	54275	18.022	ng	88
71) Phenanthrene	17.618	178	383359	19.624	ng	99
72) Anthracene	17.712	178	393312	19.792	ng	100
73) Carbazole	17.971	167	350722	20.014	ng	99
74) Di-n-butylphthalate	18.529	149	421239	20.788	ng	100
75) Fluoranthene	19.616	202	492924	20.142	ng	99
77) Benzidine	19.780	184	194070	21.201	ng	99
78) Pyrene	19.974	202	524431	19.646	ng	99
80) Butylbenzylphthalate	20.856	149	158394	19.633	ng	97
81) Benzo(a)anthracene	21.837	228	528009	19.490	ng	100
82) 3,3'-Dichlorobenzidine	21.737	252	174803	19.323	ng	99
83) Chrysene	21.901	228	502125	19.479	ng	97
84) Bis(2-ethylhexyl)phtha...	21.749	149	237524	19.703	ng	100
85) Di-n-octyl phthalate	23.012	149	380895	18.740	ng	99
87) Indeno(1,2,3-cd)pyrene	29.028	276	606702	19.163	ng	99
88) Benzo(b)fluoranthene	24.134	252	503145	19.066	ng	98
89) Benzo(k)fluoranthene	24.205	252	518915	19.650	ng	99
90) Benzo(a)pyrene	25.039	252	470556	19.398	ng	98
91) Dibenzo(a,h)anthracene	29.099	278	498395	19.377	ng	97
92) Benzo(g,h,i)perylene	29.028	276	606702	19.163	ng	100

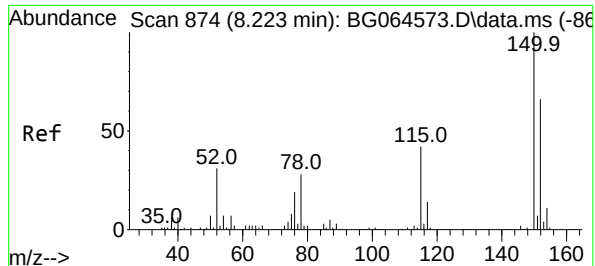
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

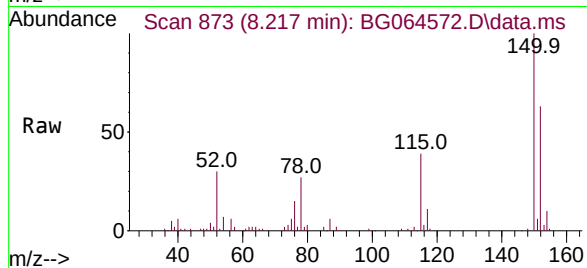
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jaagrut Upadhyay 10/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

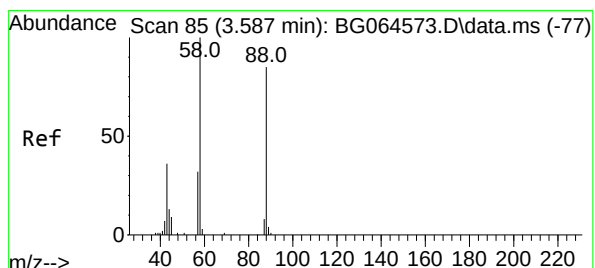
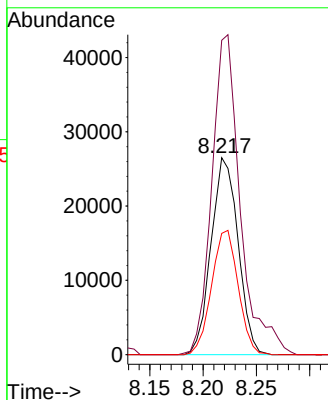
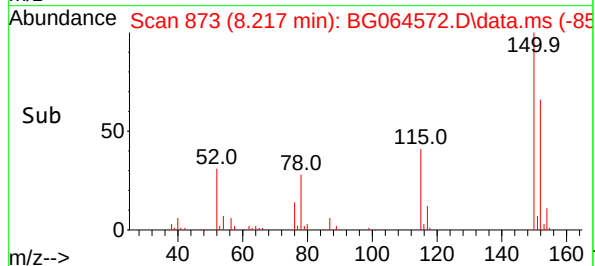
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 46818
Ion Ratio Lower Upper
152 100
150 159.6 122.2 183.4
115 61.5 50.8 76.2

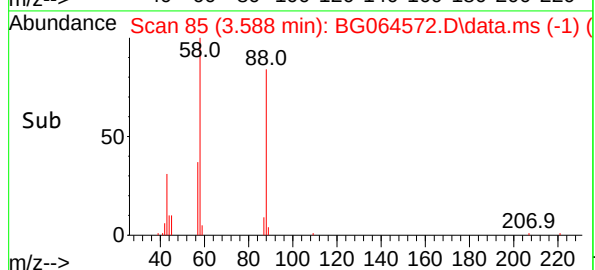
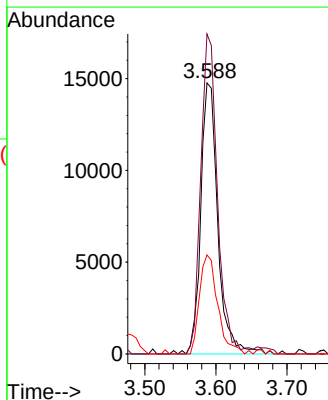
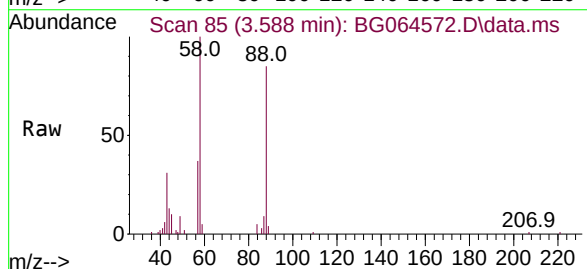
Manual Integrations
APPROVED

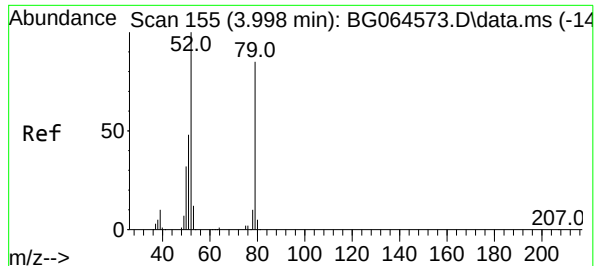
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 19.867 ng
RT: 3.588 min Scan# 85
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

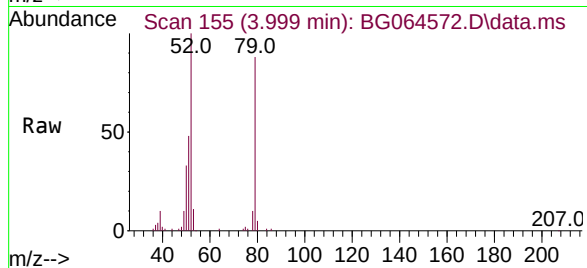
Tgt Ion: 88 Resp: 24533
Ion Ratio Lower Upper
88 100
58 114.9 92.4 138.6
43 38.9 33.0 49.6





#3
Pyridine
Concen: 19.593 ng
RT: 3.999 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

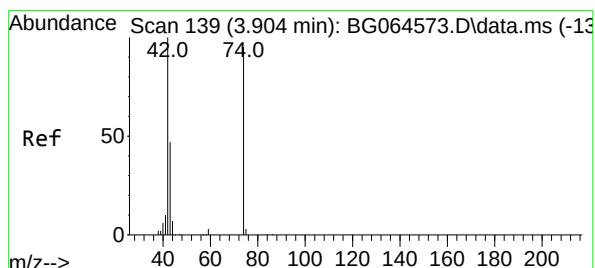
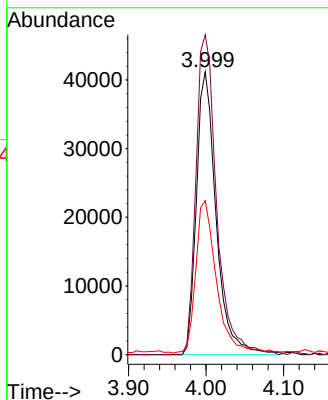
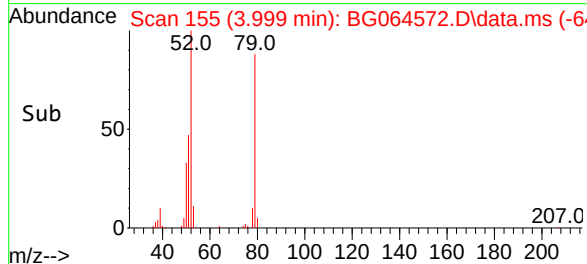
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



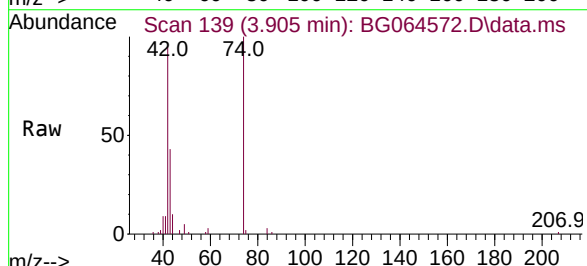
Tgt Ion: 79 Resp: 72660
Ion Ratio Lower Upper
79 100
52 113.1 94.2 141.2
51 54.4 46.1 69.1

Manual Integrations
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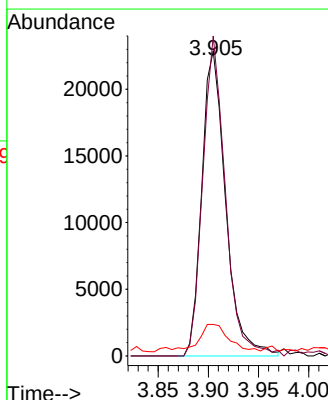
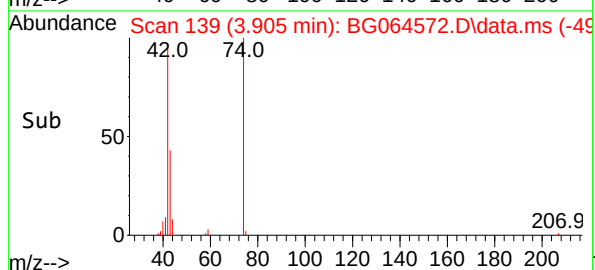
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

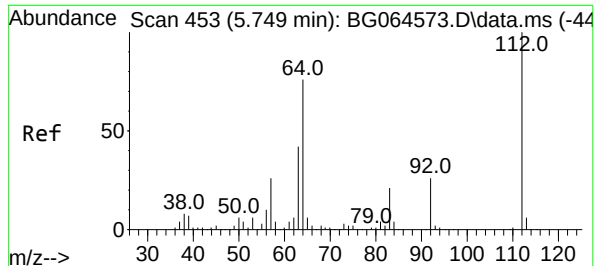


#4
n-Nitrosodimethylamine
Concen: 19.007 ng
RT: 3.905 min Scan# 139
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



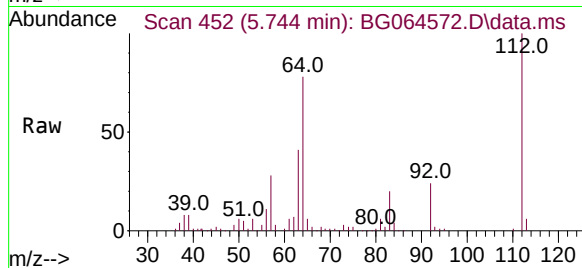
Tgt Ion: 42 Resp: 37799
Ion Ratio Lower Upper
42 100
74 105.0 76.1 114.1
44 10.3 6.3 9.5#





#5
2-Fluorophenol
Concen: 38.764 ng
RT: 5.744 min Scan# 453
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

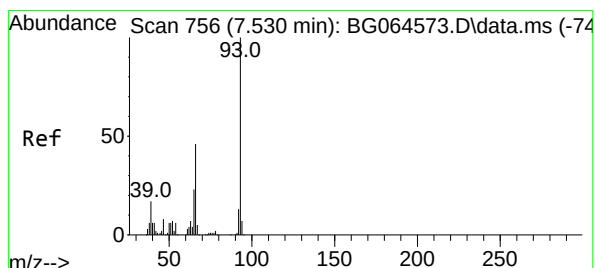
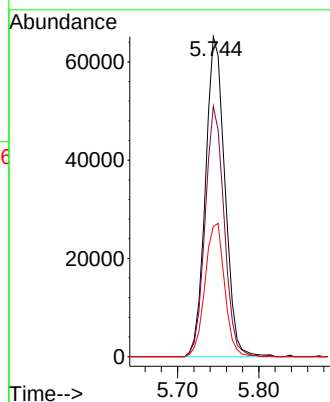
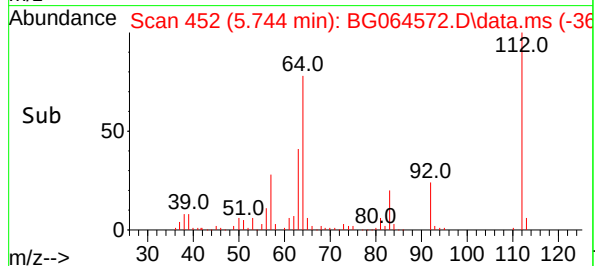
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 108123
Ion Ratio Lower Upper
112 100
64 78.2 60.7 91.1
63 40.7 33.4 50.0

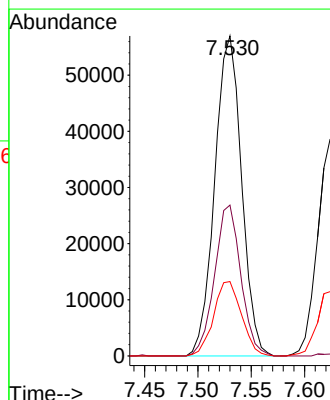
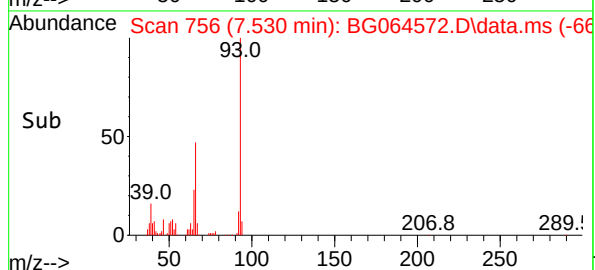
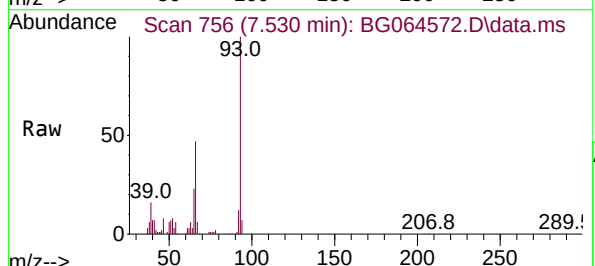
Manual Integrations
APPROVED

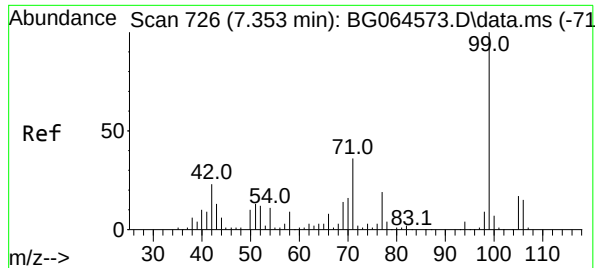
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 99762
Ion Ratio Lower Upper
93 100
66 47.2 37.0 55.6
65 23.2 18.3 27.5





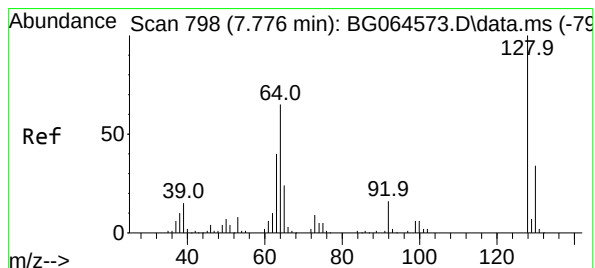
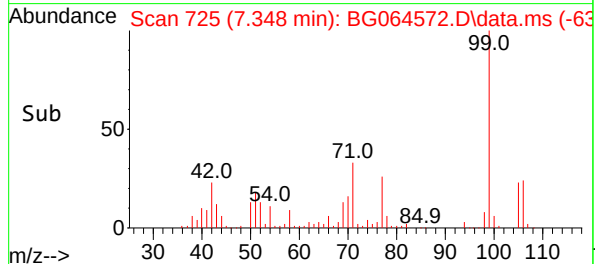
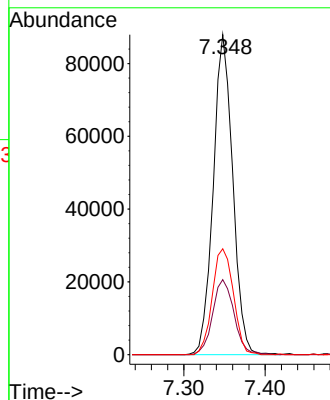
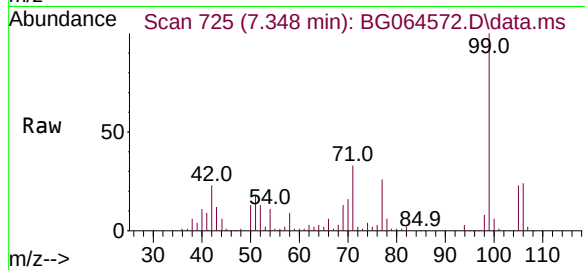
#7
Phenol-d6
Concen: 38.304 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 146608
Ion Ratio Lower Upper
99 100
42 23.4 18.3 27.5
71 33.1 28.6 43.0

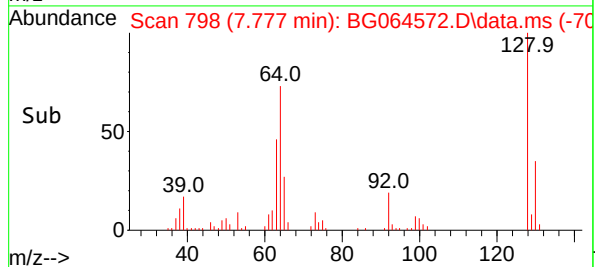
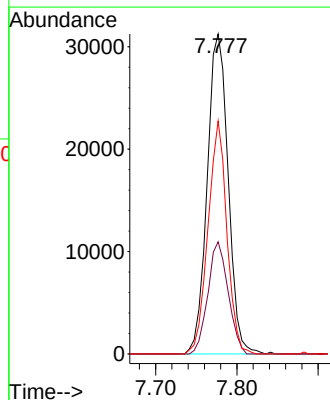
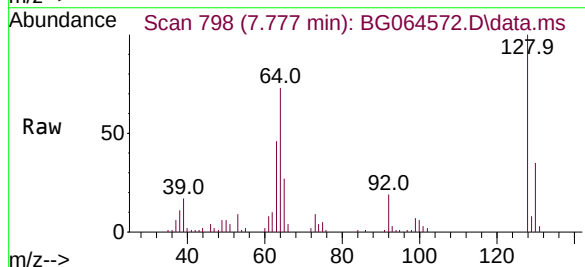
Manual Integrations
APPROVED

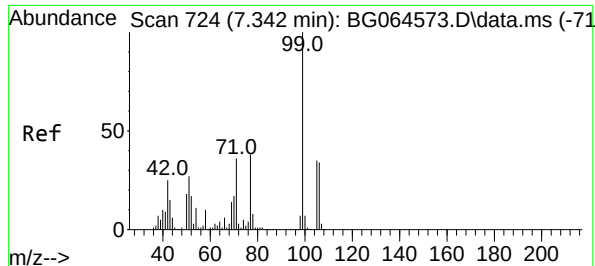
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 19.187 ng
RT: 7.777 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

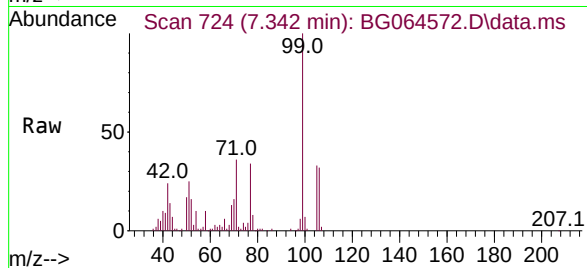
Tgt Ion:128 Resp: 56018
Ion Ratio Lower Upper
128 100
130 35.0 13.5 53.5
64 72.8 45.2 85.2





#9
Benzaldehyde
Concen: 22.273 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

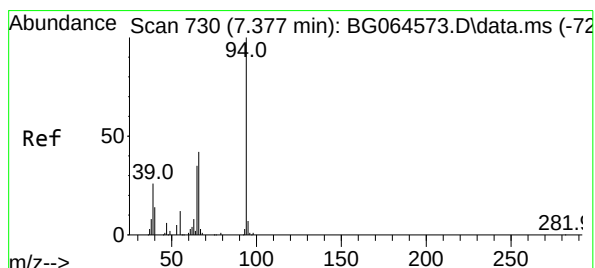
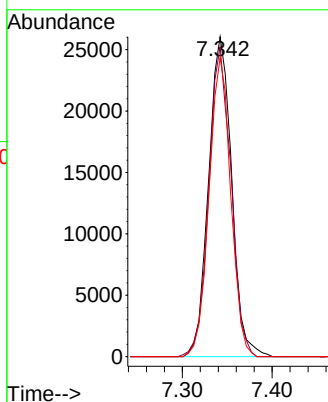
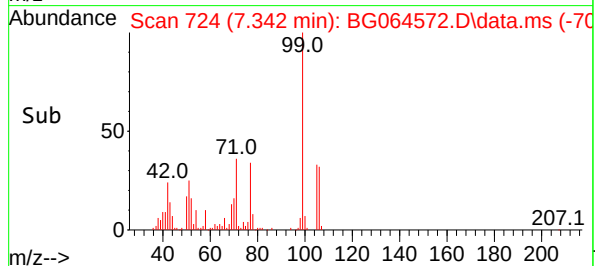
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



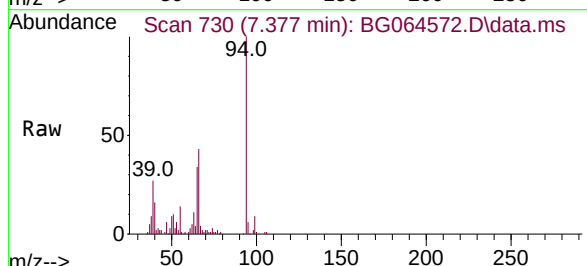
Tgt Ion: 77 Resp: 46540
Ion Ratio Lower Upper
77 100
105 96.8 72.9 112.9
106 93.4 70.8 110.8

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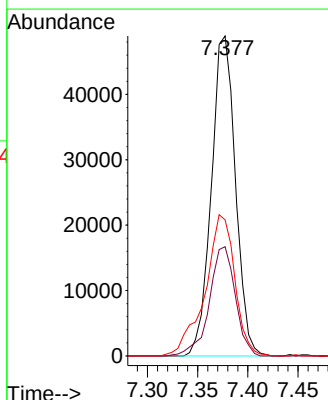
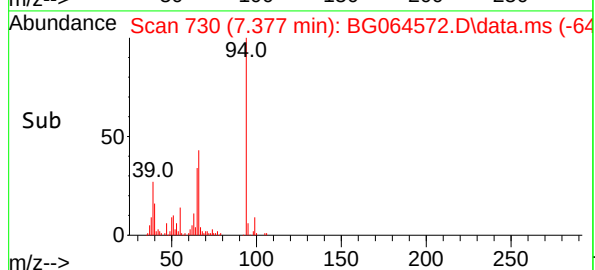
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

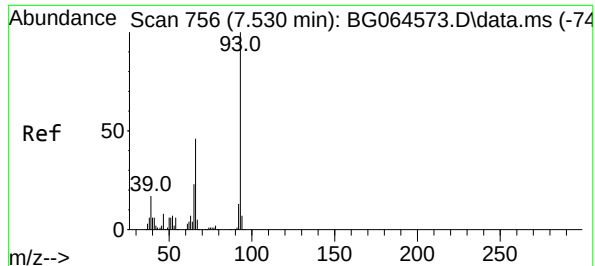


#10
Phenol
Concen: 19.337 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion: 94 Resp: 81849
Ion Ratio Lower Upper
94 100
65 34.1 15.8 55.8
66 42.5 24.0 64.0





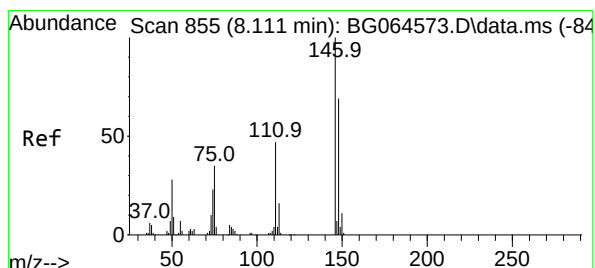
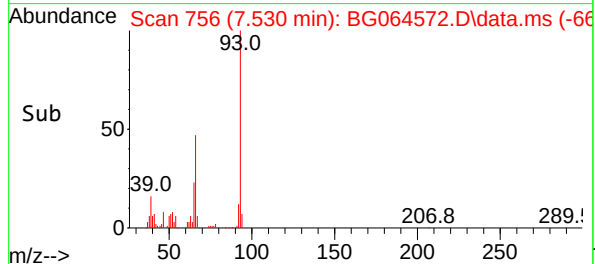
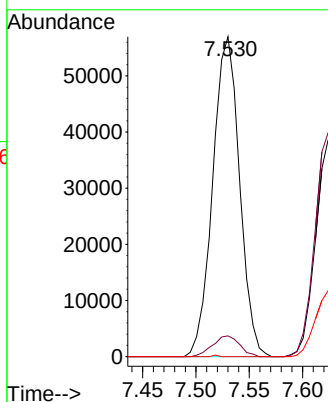
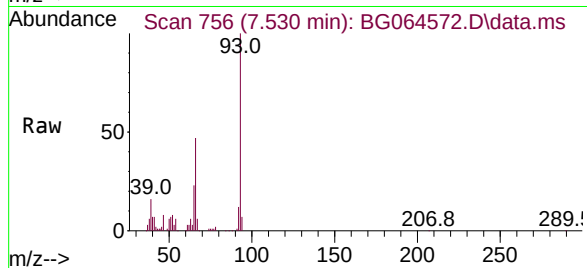
#11
bis(2-Chloroethyl)ether
Concen: 19.155 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :
BNA_G
Client Sample Id :
SSTDICC020

Tgt Ion: 93 Resp: 99762
Ion Ratio Lower Upper
93 100
63 6.5 0.0 27.4
95 0.0 0.0 20.2

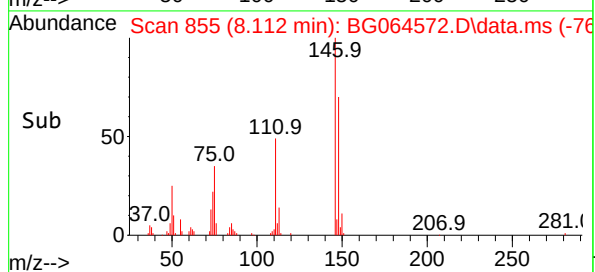
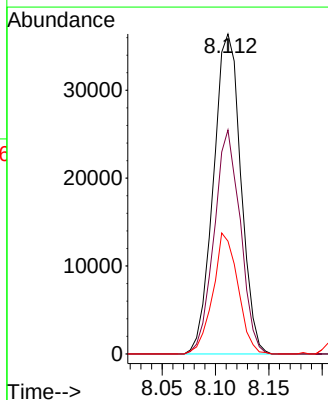
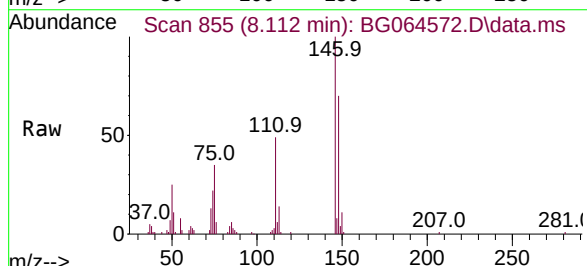
Manual Integrations
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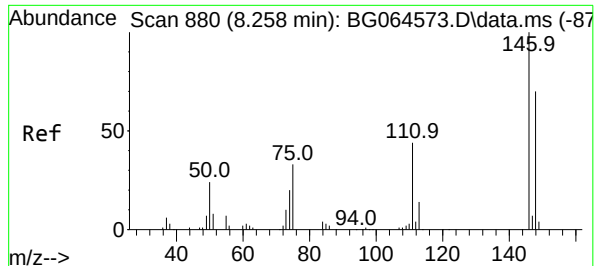
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 19.415 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:146 Resp: 65241
Ion Ratio Lower Upper
146 100
148 70.0 55.3 82.9
75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 19.758 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 67506

Ion Ratio Lower Upper

146 100

148 62.4 56.2 84.4

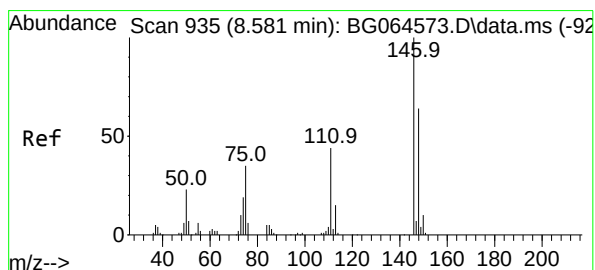
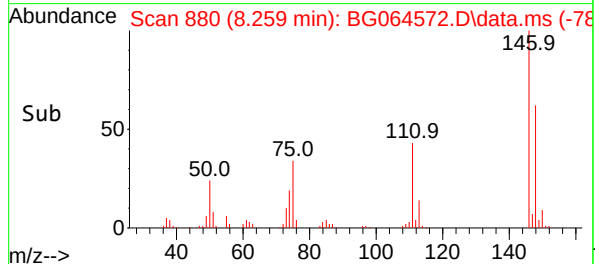
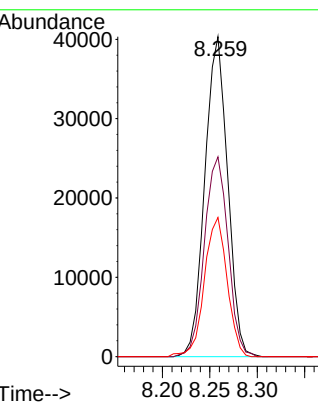
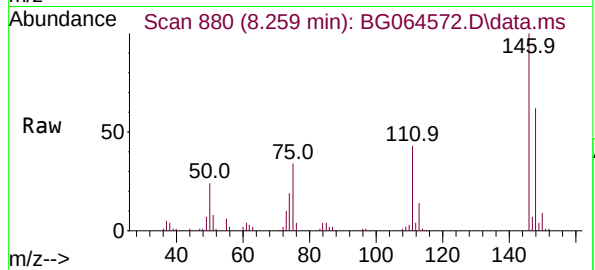
111 43.5 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 19.380 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

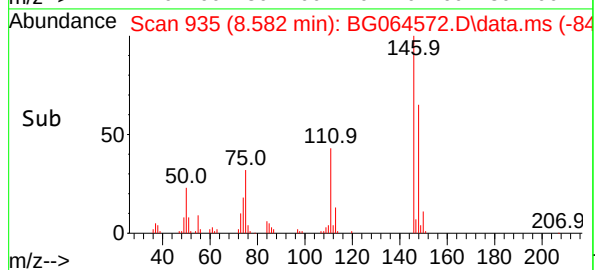
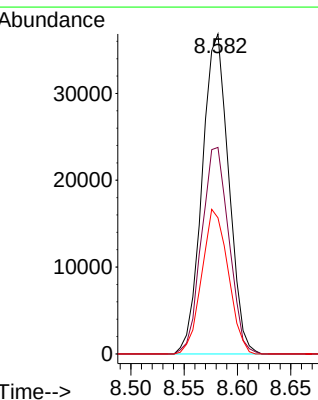
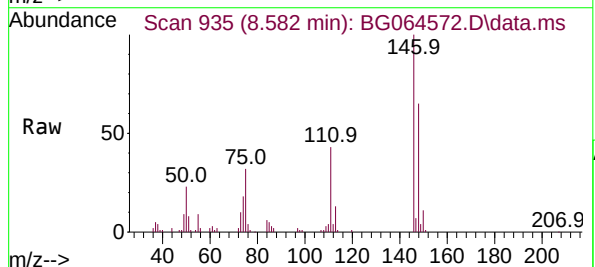
Tgt Ion:146 Resp: 63867

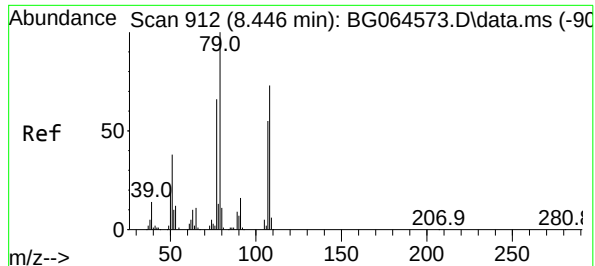
Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

111 42.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 18.732 ng

RT: 8.447 min Scan# 912

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 59123

Ion Ratio Lower Upper

79 100

108 70.4 58.1 87.1

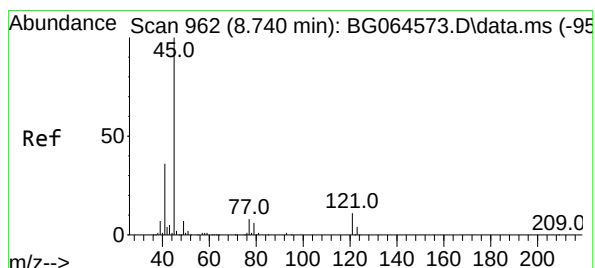
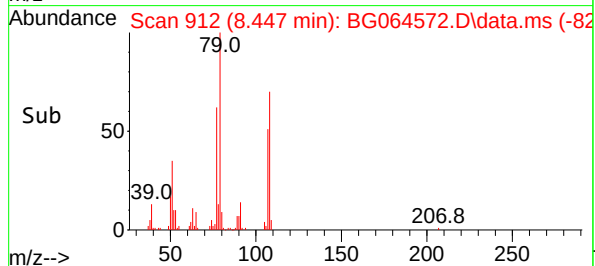
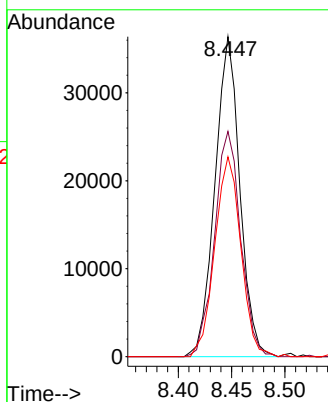
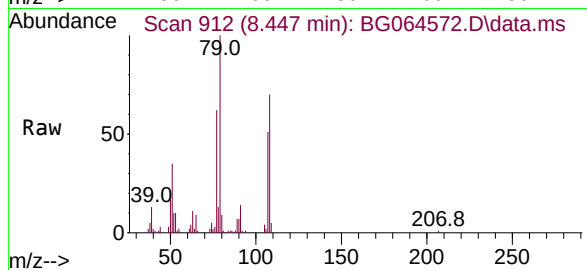
77 62.4 52.8 79.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.476 ng

RT: 8.740 min Scan# 962

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

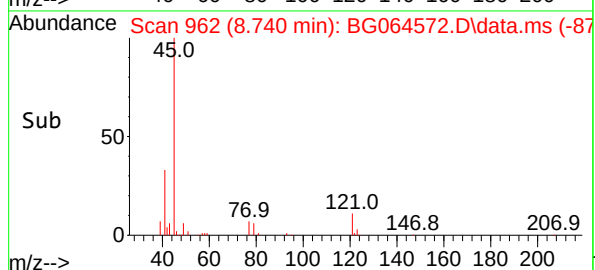
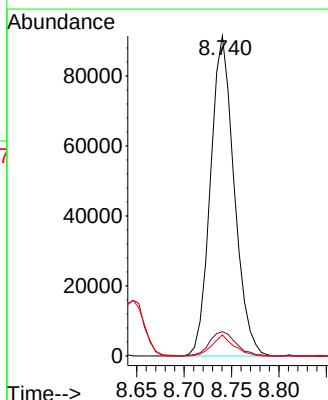
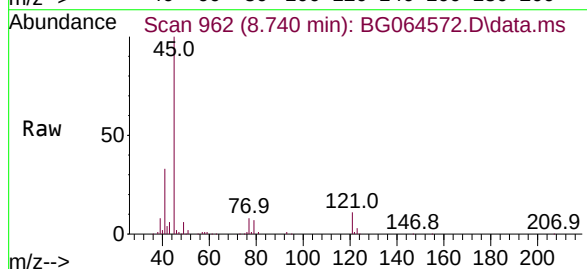
Tgt Ion: 45 Resp: 158985

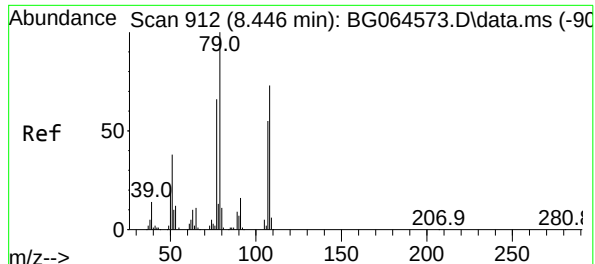
Ion Ratio Lower Upper

45 100

77 7.6 0.0 28.5

79 6.6 0.0 25.6





#17

2-Methylphenol

Concen: 19.167 ng

RT: 8.447 min Scan# 912

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 30239

Ion Ratio Lower Upper

107 100

108 138.3 106.4 159.6

77 122.7 96.7 145.1

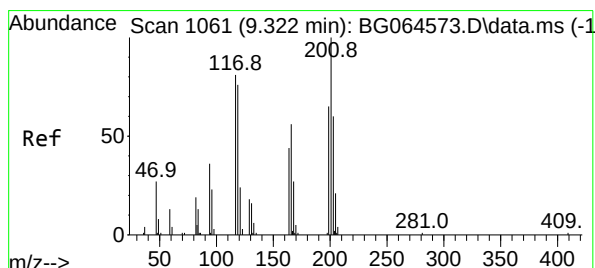
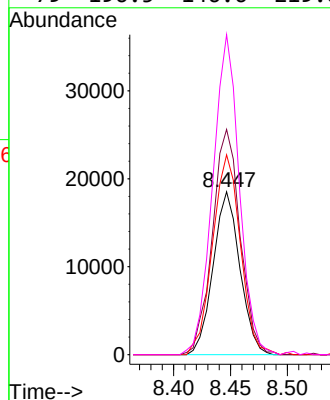
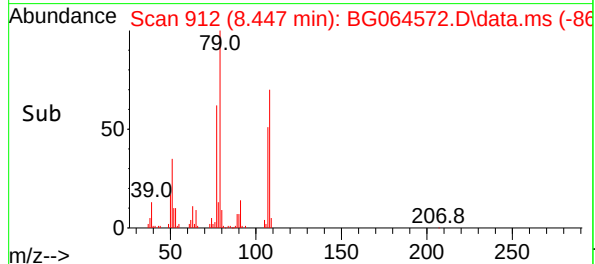
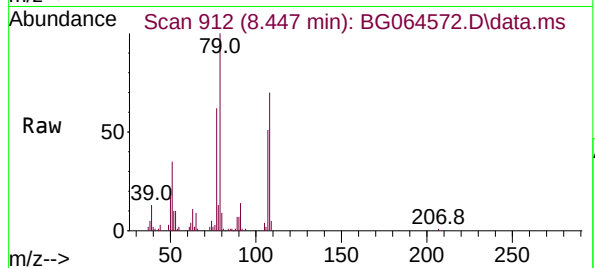
79 196.5 146.6 219.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 19.735 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

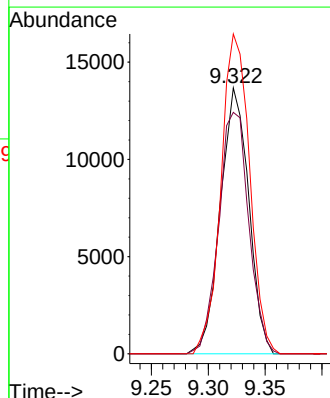
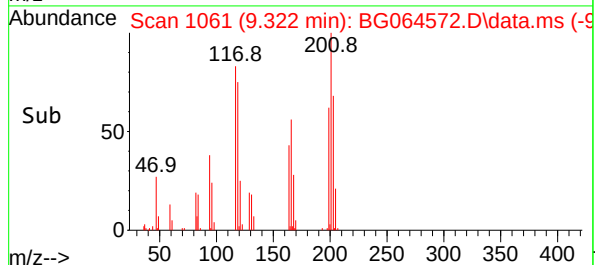
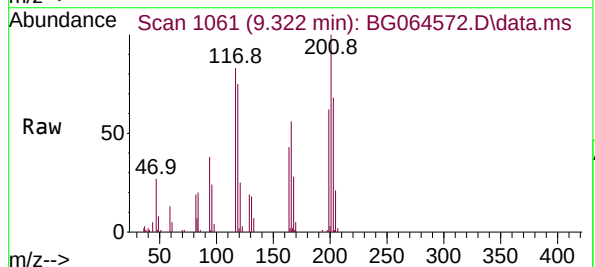
Tgt Ion:117 Resp: 23663

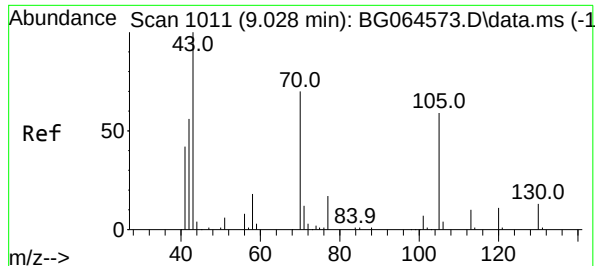
Ion Ratio Lower Upper

117 100

119 90.8 75.4 113.2

201 120.3 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 19.982 ng

RT: 9.022 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 5285

Ion Ratio Lower Upper

70 100

42 75.6 65.2 97.8

101 7.6 7.9 11.9

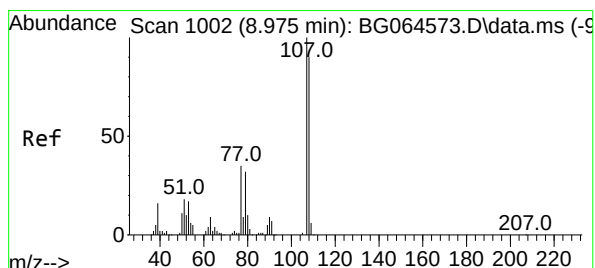
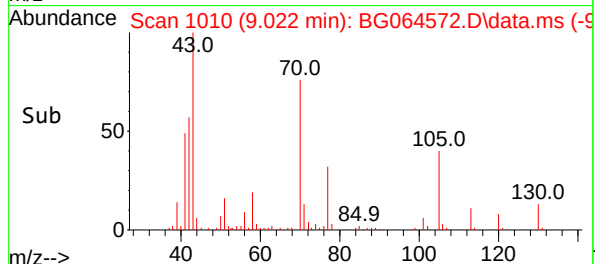
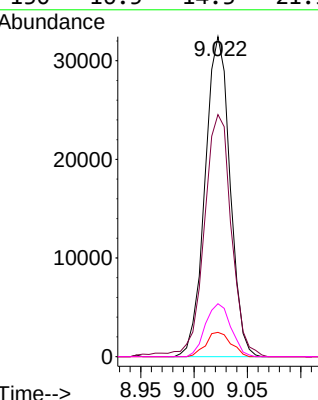
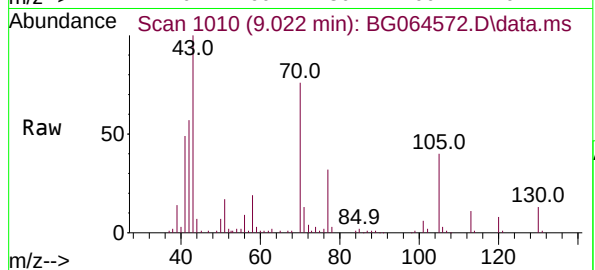
130 16.5 14.3 21.5

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 18.730 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.015 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Tgt Ion:107 Resp: 74026

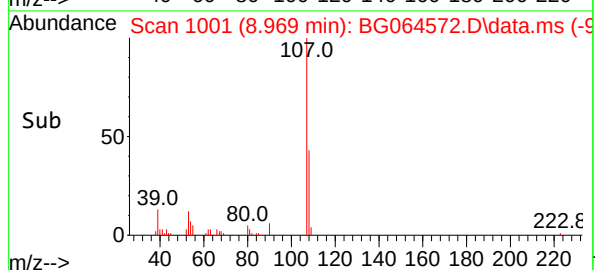
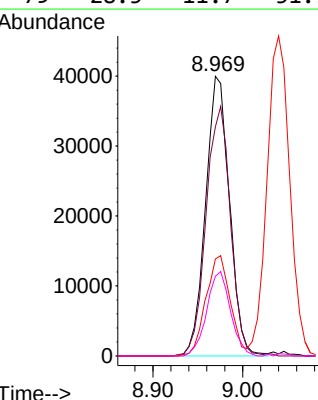
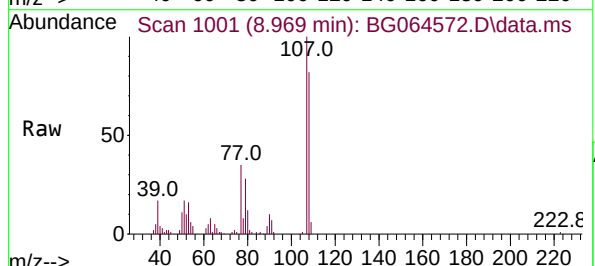
Ion Ratio Lower Upper

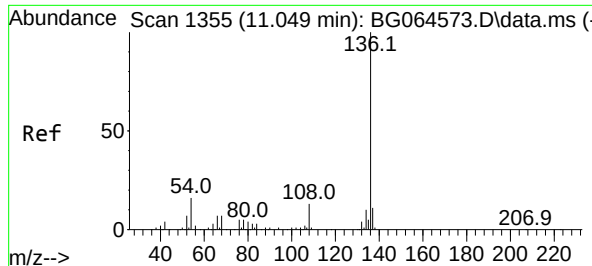
107 100

108 81.9 70.3 110.3

77 34.6 14.6 54.6

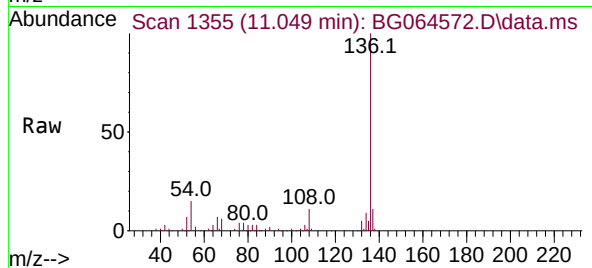
79 28.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

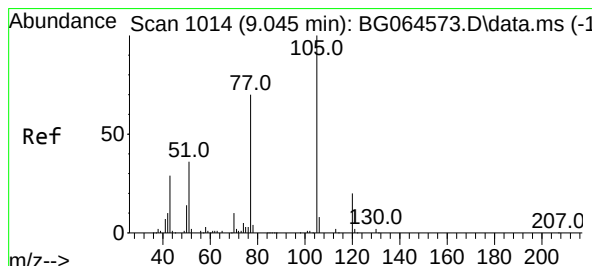
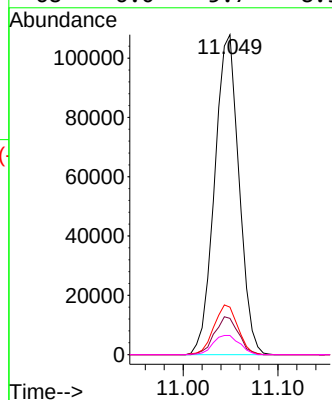
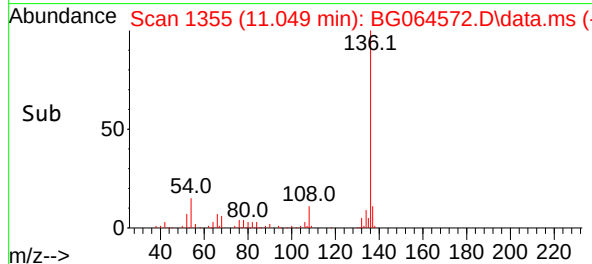
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 19255
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 14.8 12.6 19.0
68 6.0 5.7 8.5

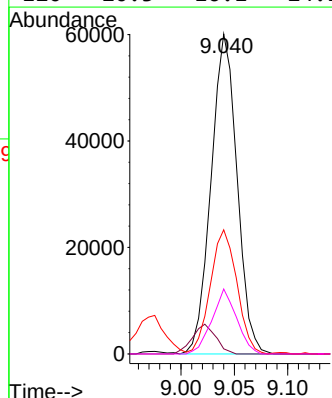
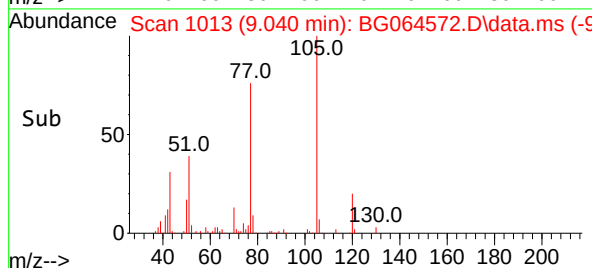
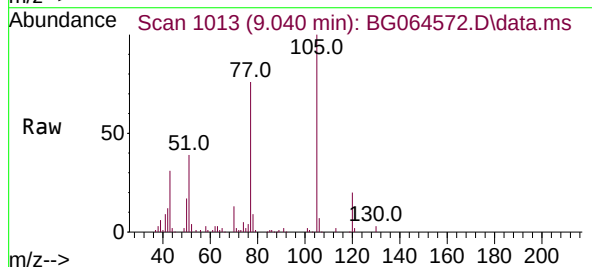
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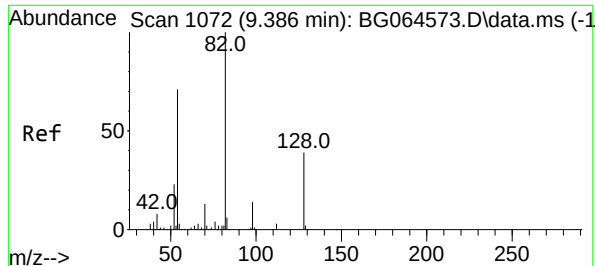
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 19.328 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:105 Resp: 101737
Ion Ratio Lower Upper
105 100
71 1.6 1.5 2.3
51 38.8 33.7 50.5
120 20.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 37.777 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 121107

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

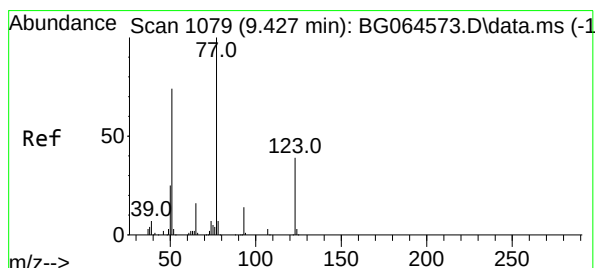
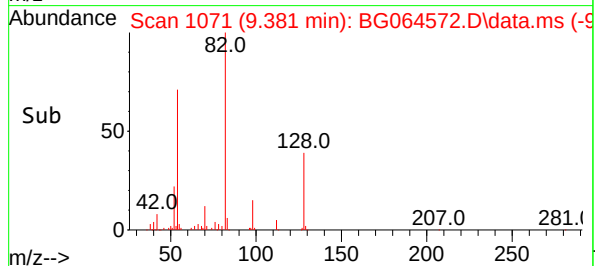
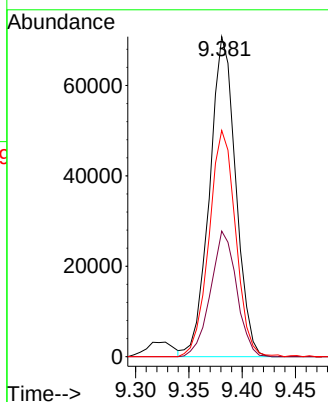
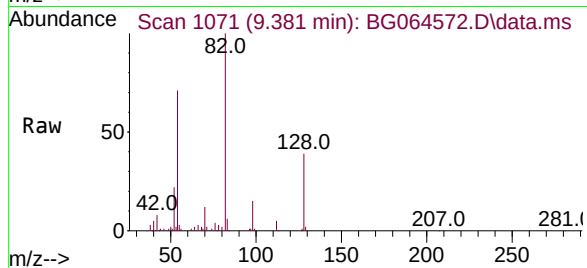
54 70.7 56.6 84.8

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 19.012 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

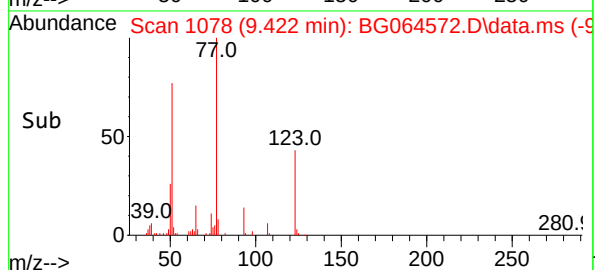
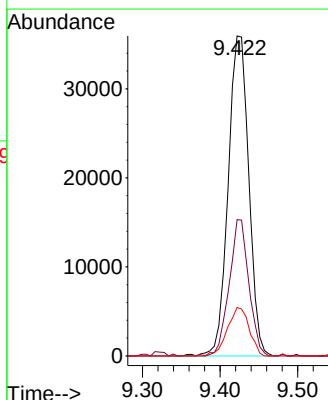
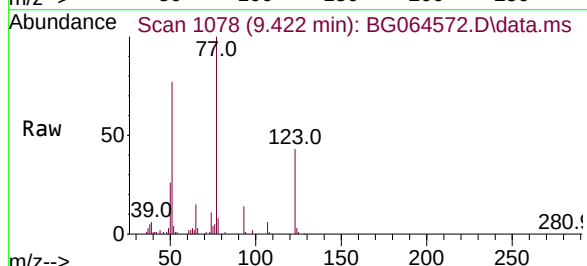
Tgt Ion: 77 Resp: 66292

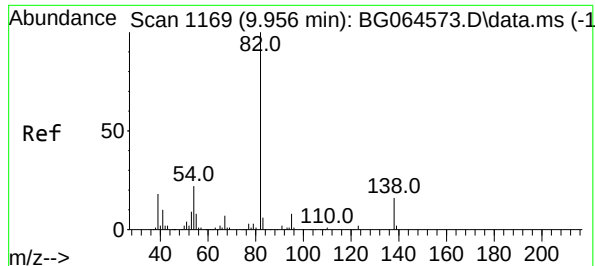
Ion Ratio Lower Upper

77 100

123 42.6 31.0 46.6

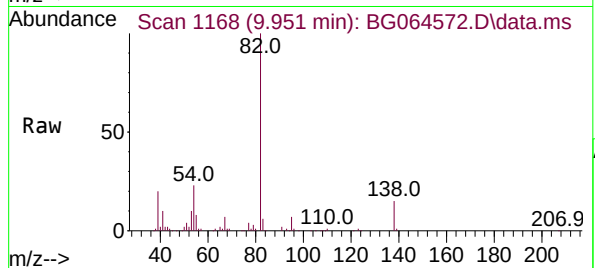
65 15.1 12.7 19.1





#25
Isophorone
Concen: 19.290 ng
RT: 9.951 min Scan# 1168
Delta R.T. -0.015 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

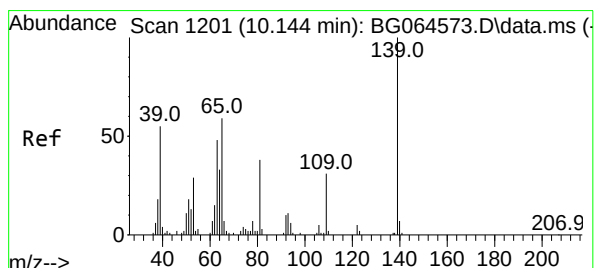
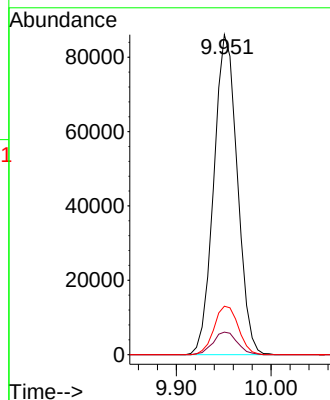
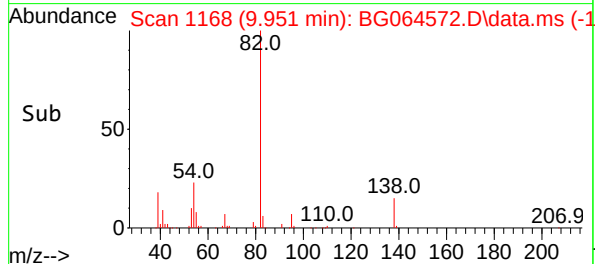
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



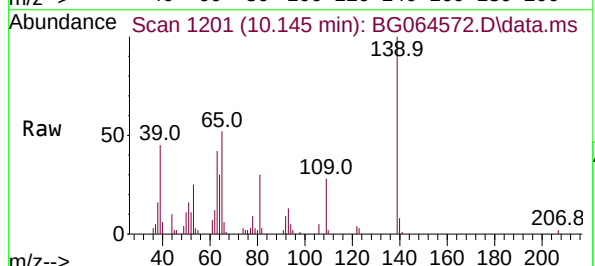
Tgt Ion: 82 Resp: 148388
Ion Ratio Lower Upper
82 100
95 7.0 6.1 9.1
138 15.1 13.0 19.4

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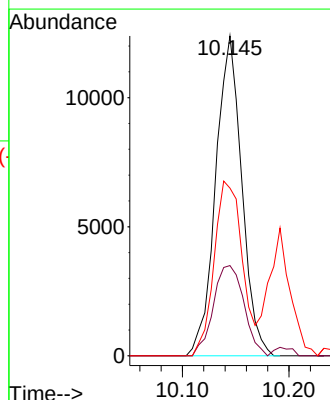
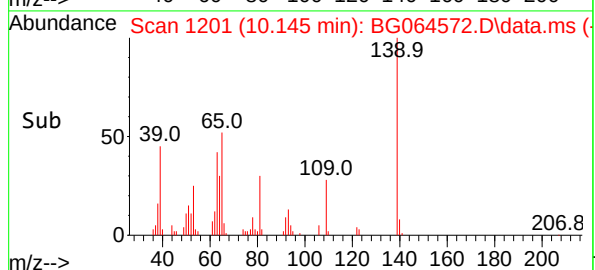
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

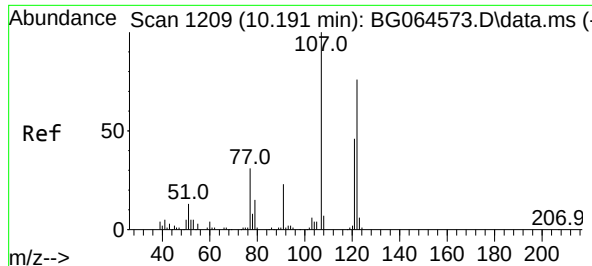


#26
2-Nitrophenol
Concen: 17.837 ng
RT: 10.145 min Scan# 1201
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



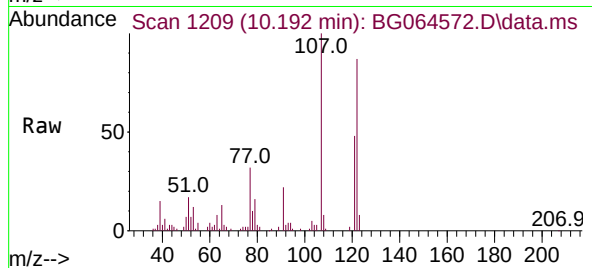
Tgt Ion:139 Resp: 21166
Ion Ratio Lower Upper
139 100
109 28.2 24.6 37.0
65 52.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 18.834 ng
RT: 10.192 min Scan# 1209
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

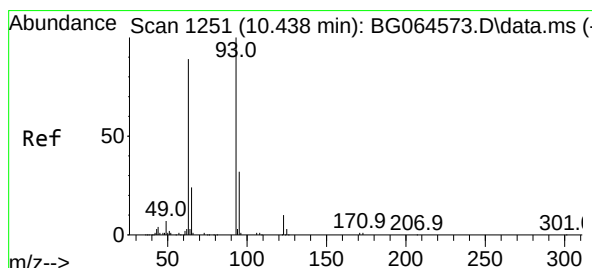
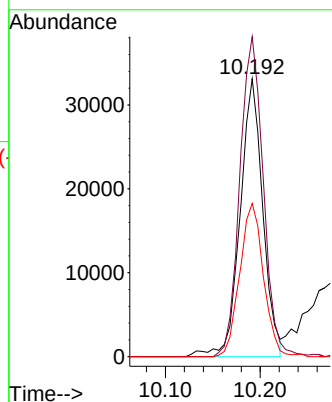
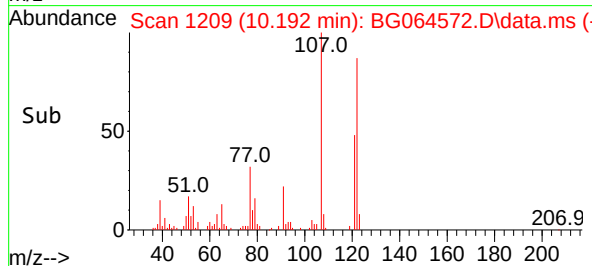
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 54972
Ion Ratio Lower Upper
122 100
107 115.2 103.0 154.4
121 55.1 47.8 71.8

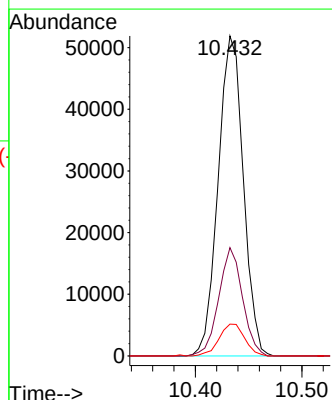
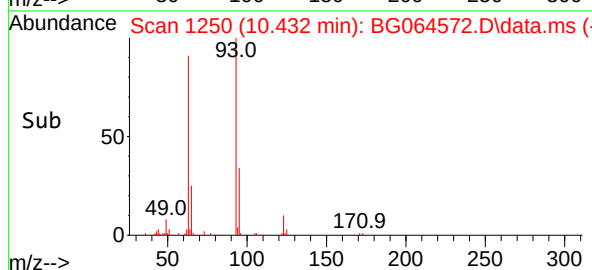
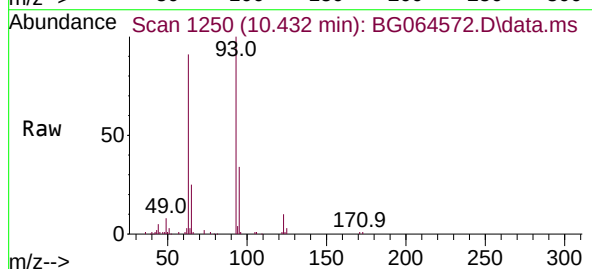
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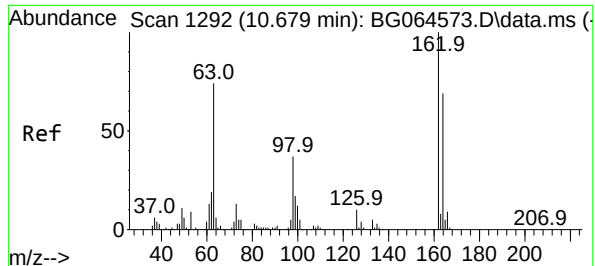
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 19.458 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion: 93 Resp: 85225
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.2
123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 19.710 ng

RT: 10.679 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

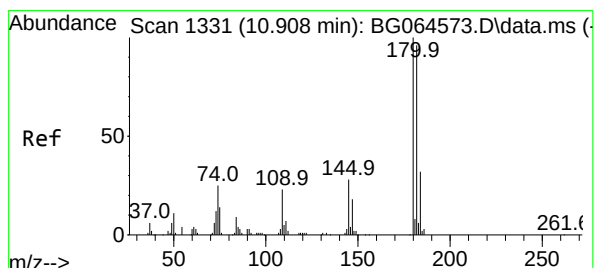
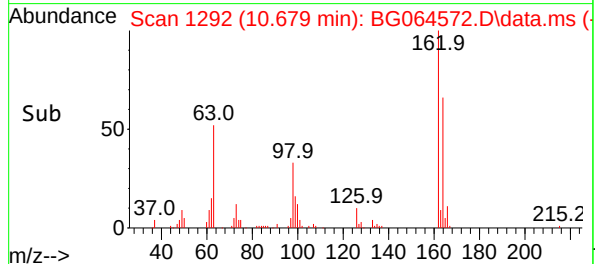
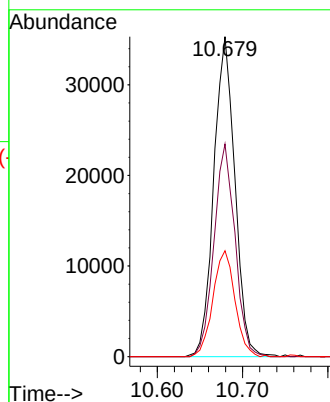
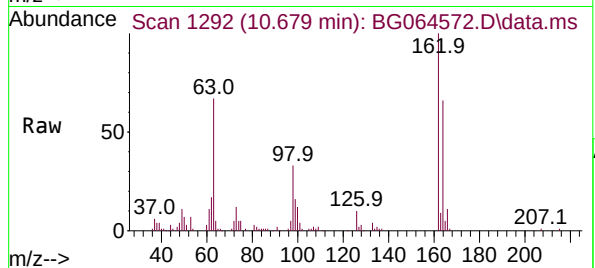
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.7	88.7
98	33.1	16.9	56.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.171 ng

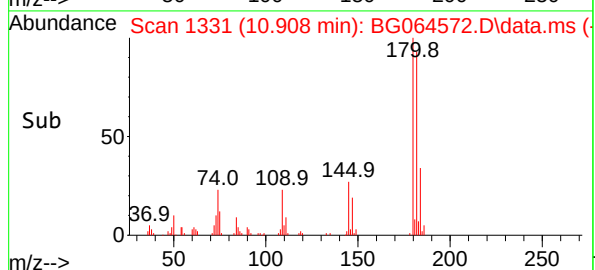
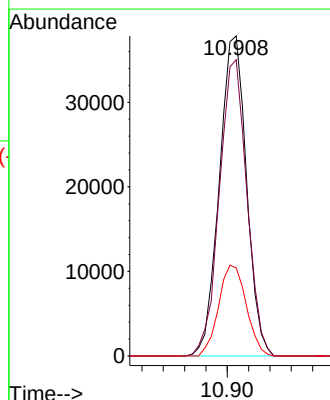
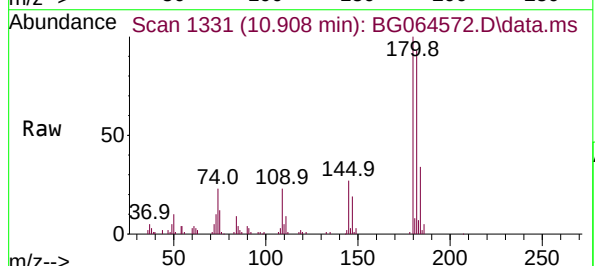
RT: 10.908 min Scan# 1331

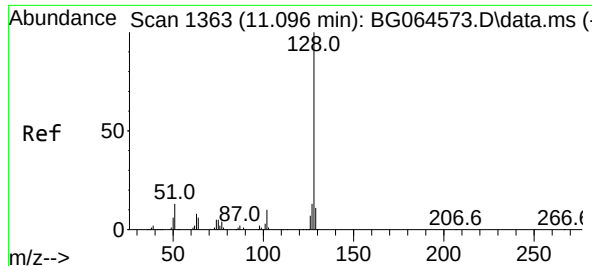
Delta R.T. 0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

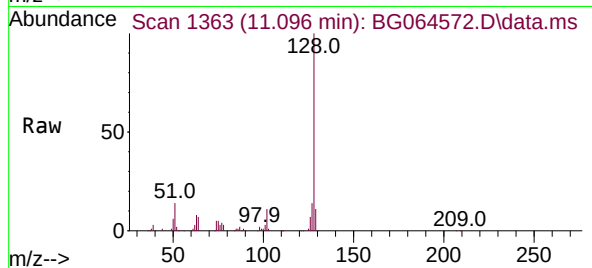
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.9	115.3
145	27.5	22.1	33.1





#31
Naphthalene
Concen: 19.552 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

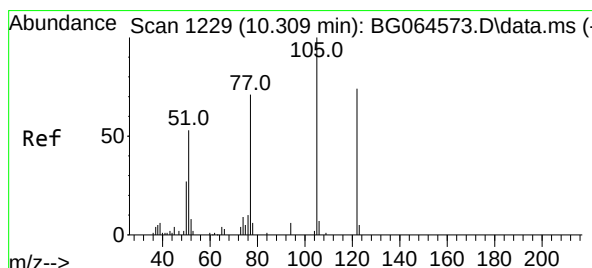
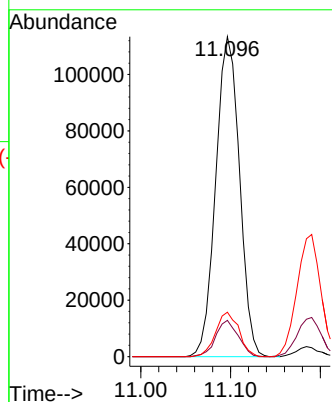
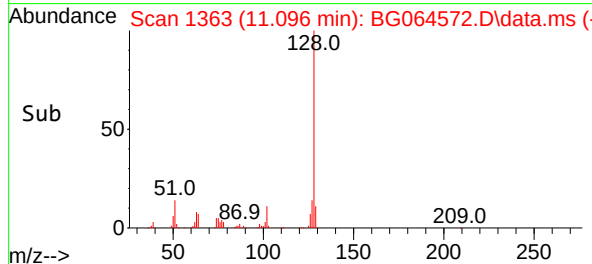
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 208734
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.6 15.8

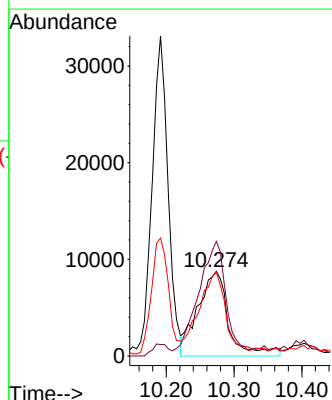
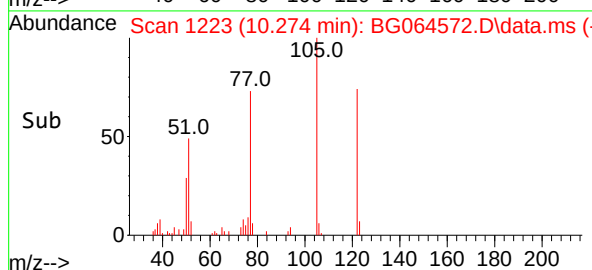
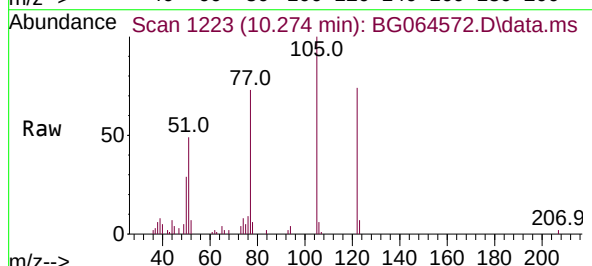
Manual Integrations
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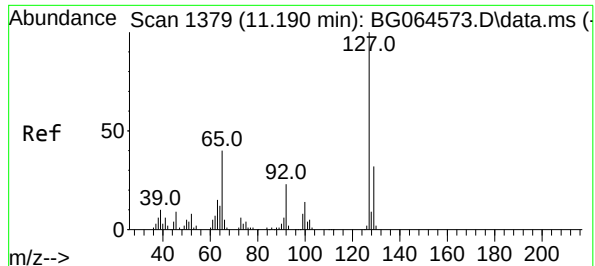
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 18.129 ng m
RT: 10.274 min Scan# 1223
Delta R.T. -0.068 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

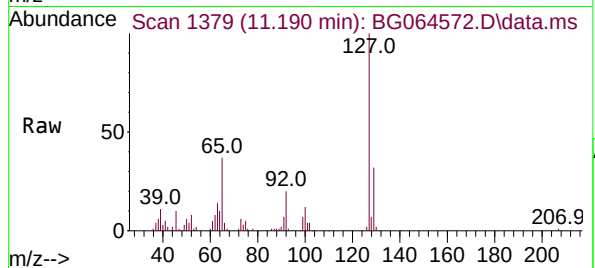
Tgt Ion:122 Resp: 27545
Ion Ratio Lower Upper
122 100
105 135.4 104.2 144.2
77 99.0 70.2 110.2





#33
4-Chloroaniline
Concen: 19.055 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

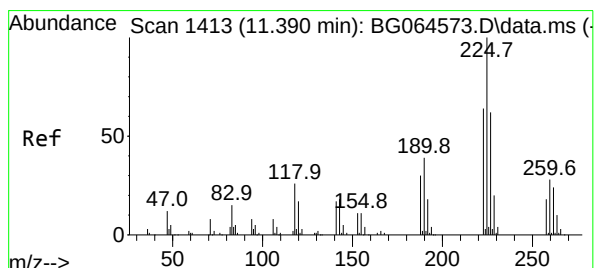
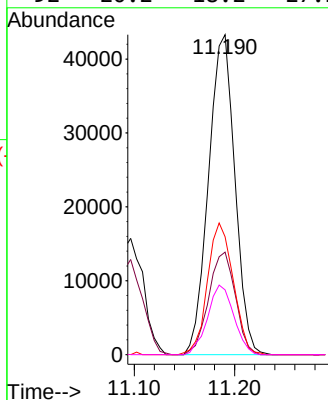
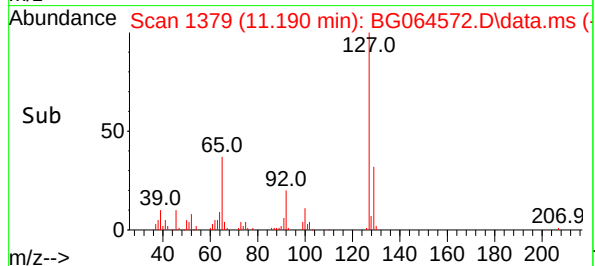
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



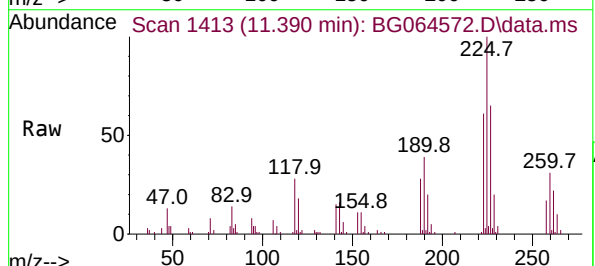
Tgt Ion:127 Resp: 79062
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 36.8 32.2 48.4
92 20.2 18.2 27.2

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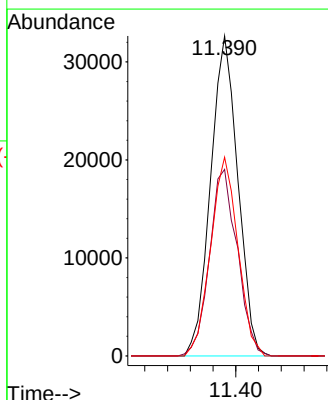
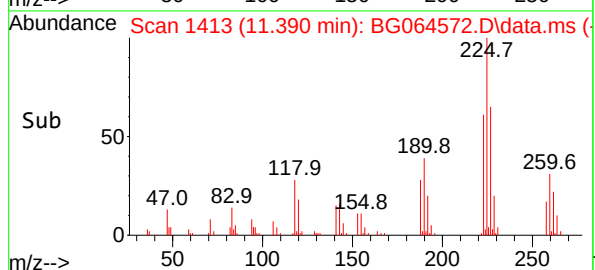
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

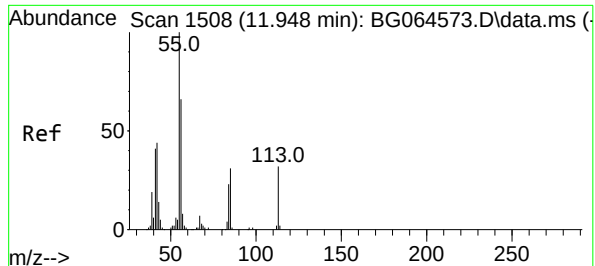


#34
Hexachlorobutadiene
Concen: 19.820 ng
RT: 11.390 min Scan# 1413
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:225 Resp: 54233
Ion Ratio Lower Upper
225 100
223 58.3 48.8 73.2
227 62.1 49.5 74.3





#35

Caprolactam

Concen: 18.635 ng

RT: 11.931 min Scan# 1505

Delta R.T. -0.044 min

Lab File: BG064572.D

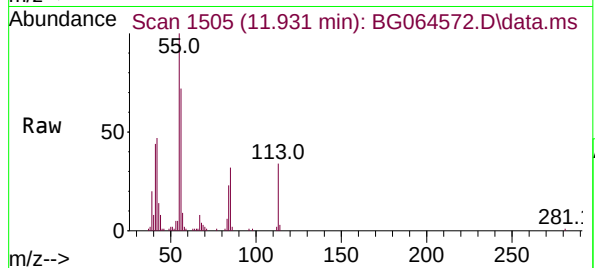
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:113 Resp: 22010

Ion Ratio Lower Upper

113 100

55 295.5 290.1 330.1

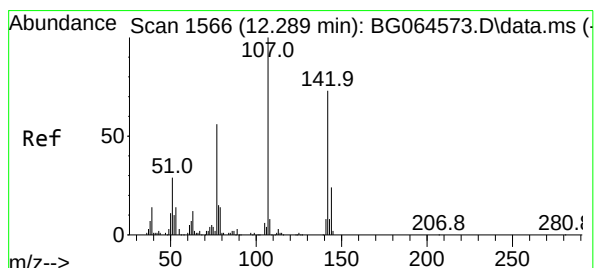
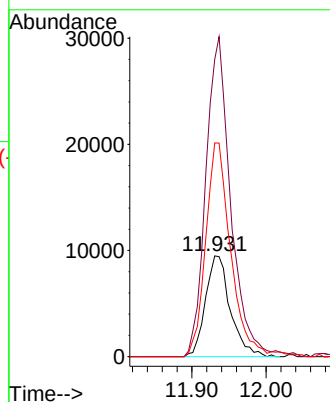
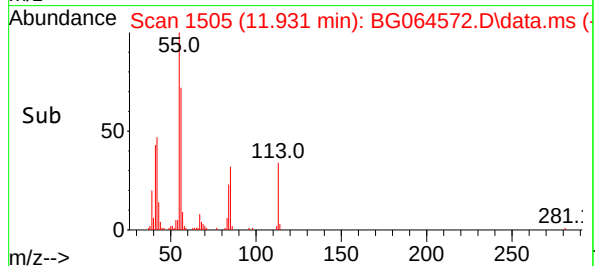
56 212.3 183.8 223.8

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APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#36

4-Chloro-3-methylphenol

Concen: 18.798 ng

RT: 12.289 min Scan# 1566

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

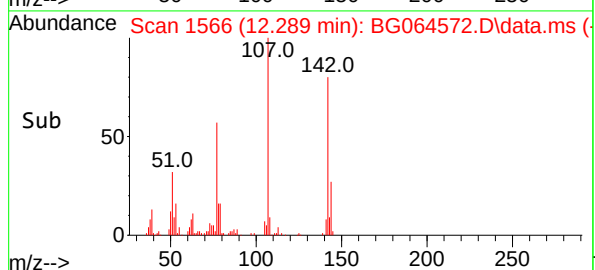
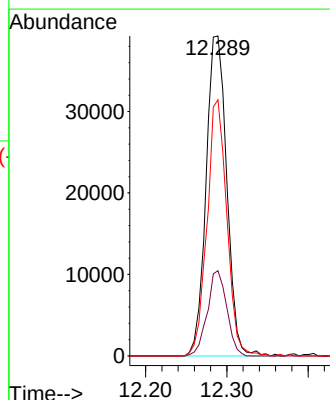
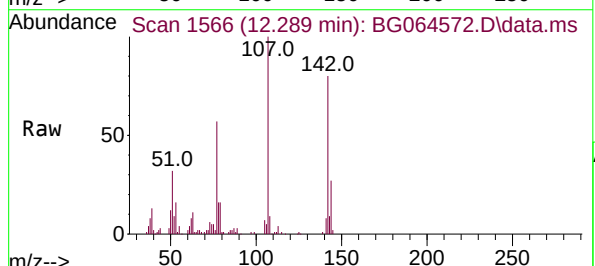
Tgt Ion:107 Resp: 69582

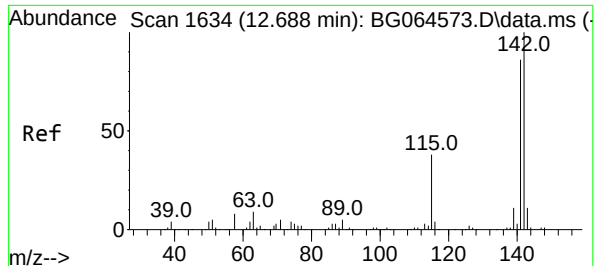
Ion Ratio Lower Upper

107 100

144 26.6 19.1 28.7

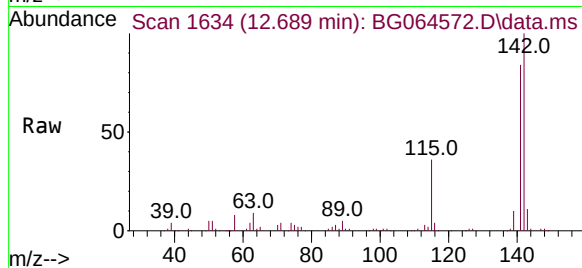
142 80.0 58.6 87.8





#37
2-Methylnaphthalene
Concen: 19.577 ng
RT: 12.689 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

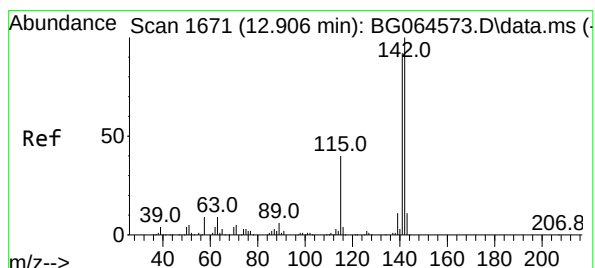
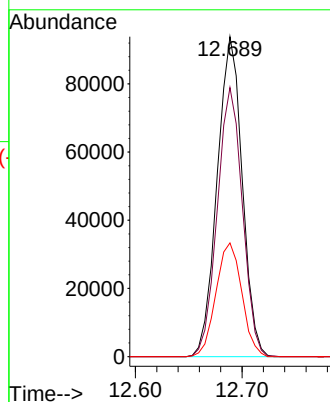
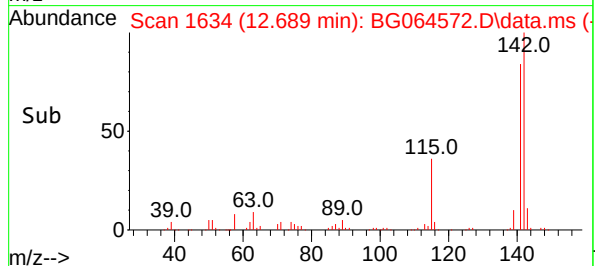
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



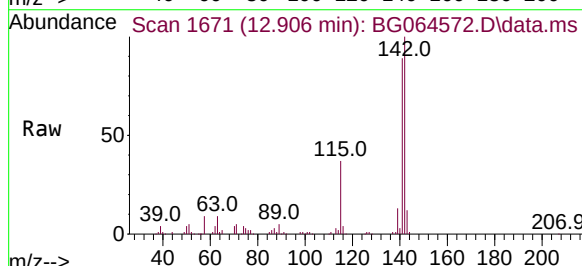
Tgt Ion:142 Resp: 153445
Ion Ratio Lower Upper
142 100
141 84.1 68.9 103.3
115 35.5 30.6 46.0

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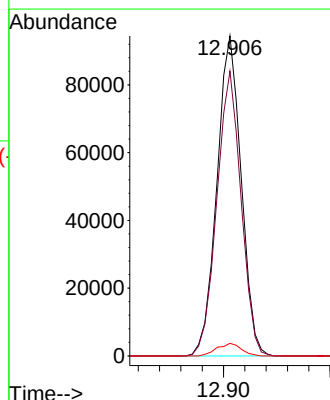
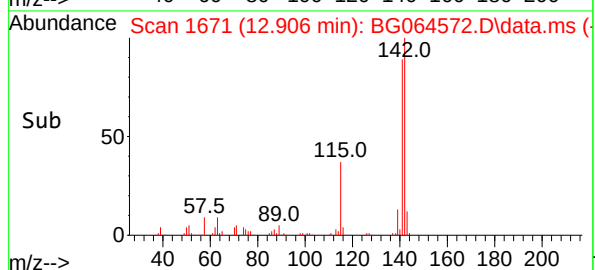
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

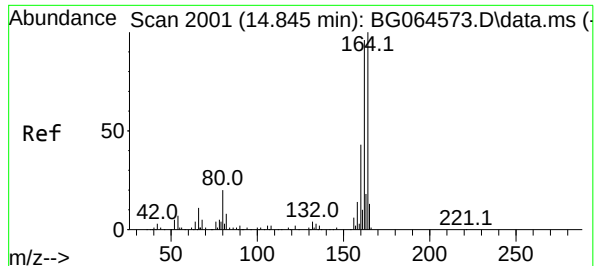


#38
1-Methylnaphthalene
Concen: 19.379 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:142 Resp: 149456
Ion Ratio Lower Upper
142 100
141 89.0 73.3 109.9
116 3.9 3.1 4.7





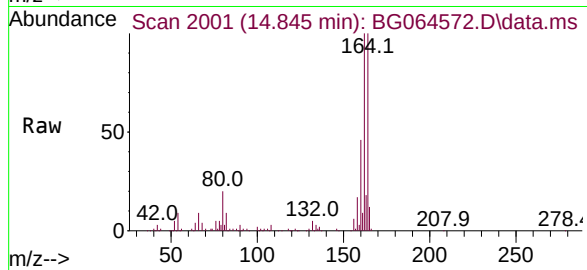
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

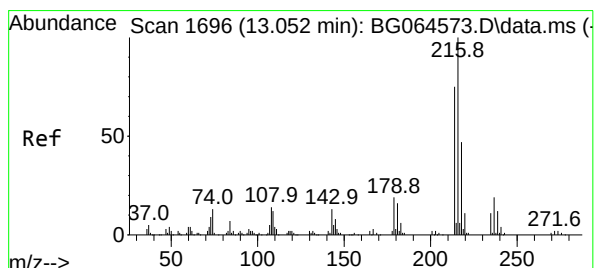
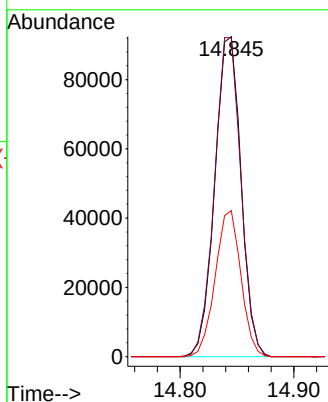
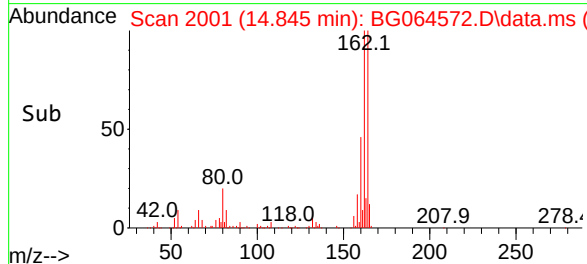


Tgt Ion:164 Resp: 147520
Ion Ratio Lower Upper
164 100
162 99.6 77.0 115.6
160 45.6 34.4 51.6

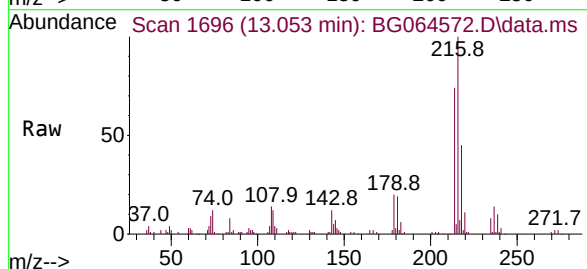
Manual Integrations

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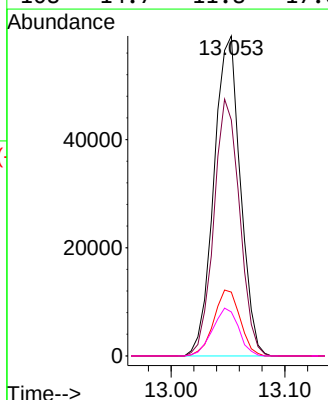
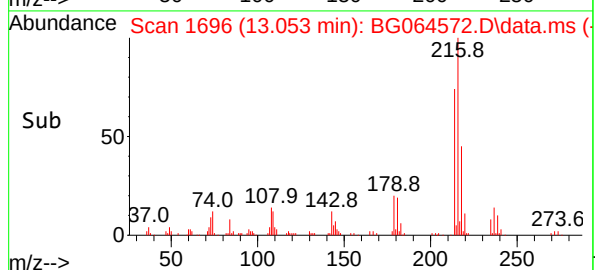
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

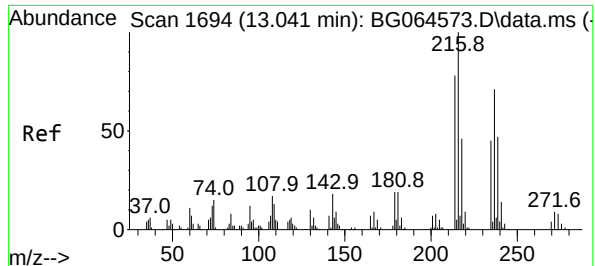


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.320 ng
RT: 13.053 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



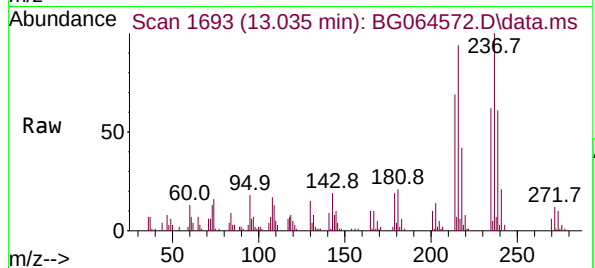
Tgt Ion:216 Resp: 95653
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 20.4 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 18.479 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

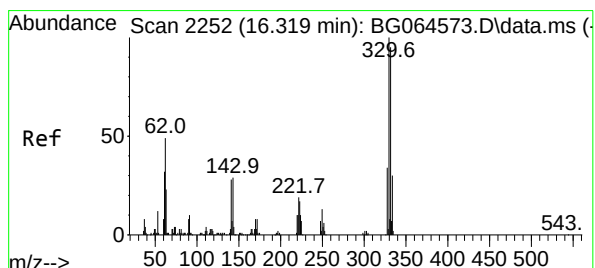
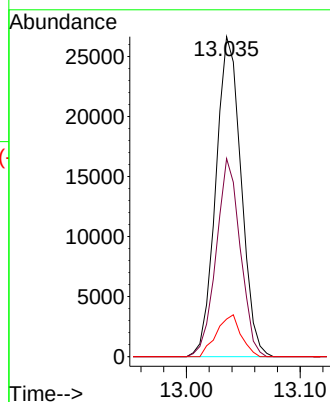
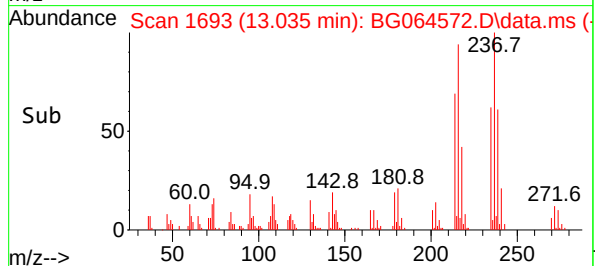
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:237 Resp: 41178
Ion Ratio Lower Upper
237 100
235 61.9 44.1 84.1
272 11.7 0.0 32.4

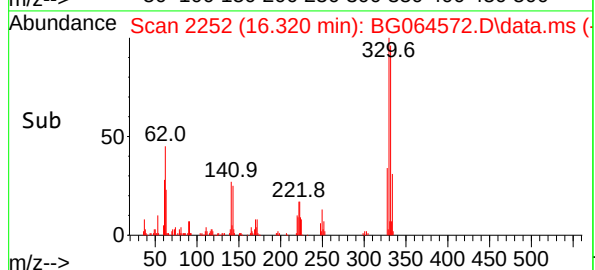
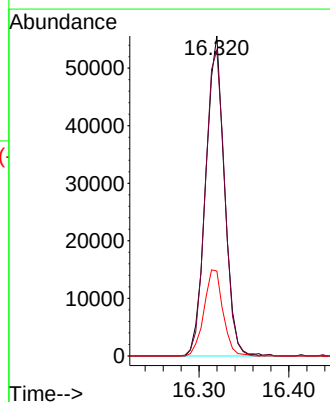
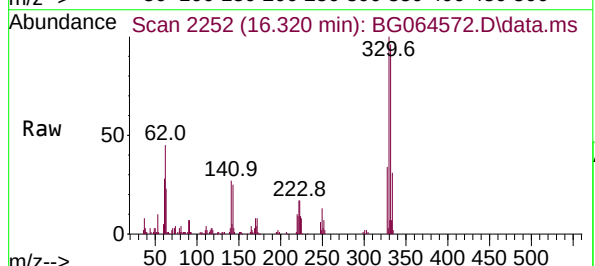
Manual Integrations
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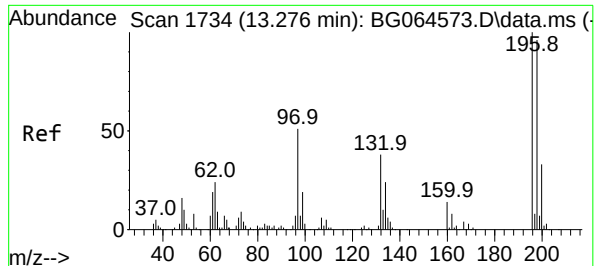
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 37.682 ng
RT: 16.320 min Scan# 2252
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

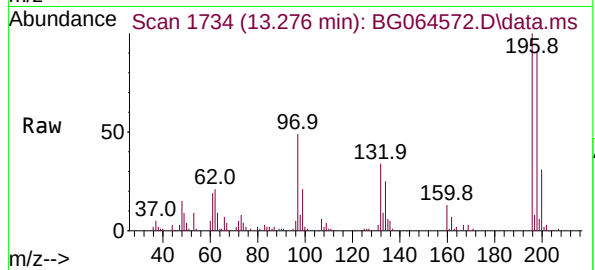
Tgt Ion:330 Resp: 80231
Ion Ratio Lower Upper
330 100
332 99.2 78.0 117.0
141 27.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 19.525 ng
RT: 13.276 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

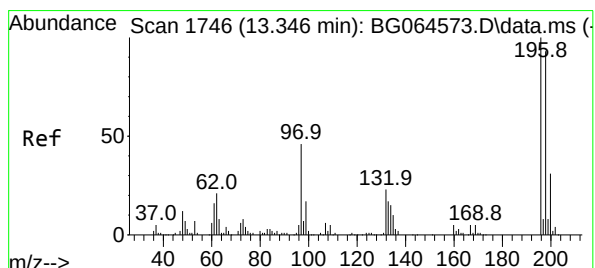
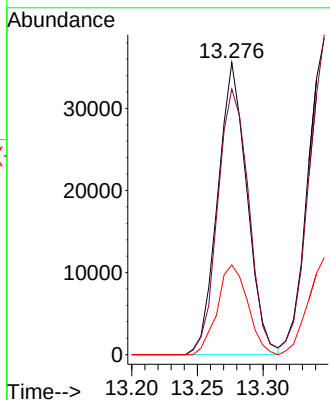
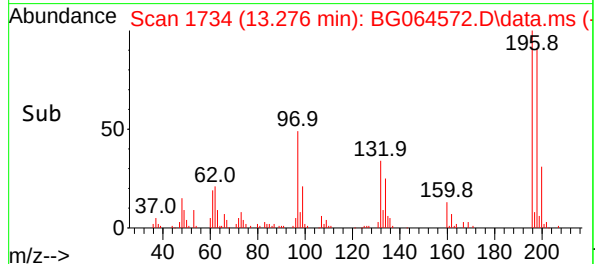
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 55295
Ion Ratio Lower Upper
196 100
198 90.9 76.6 115.0
200 30.7 26.0 39.0

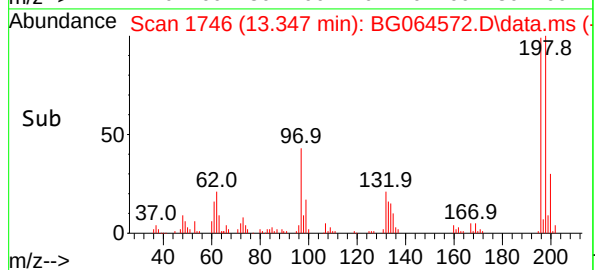
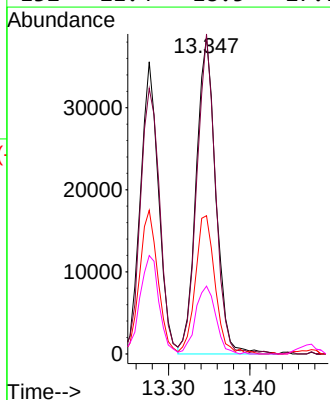
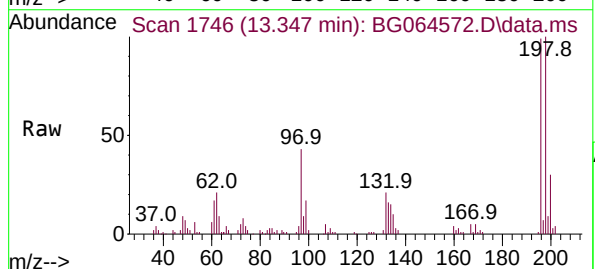
Manual Integrations
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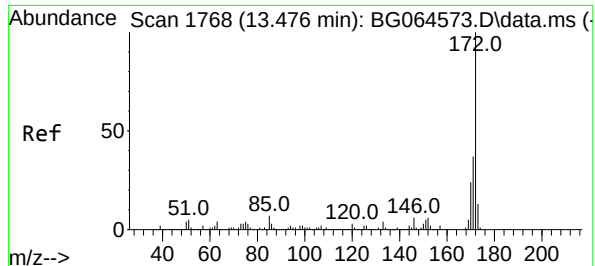
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#44
2,4,5-Trichlorophenol
Concen: 19.814 ng
RT: 13.347 min Scan# 1746
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

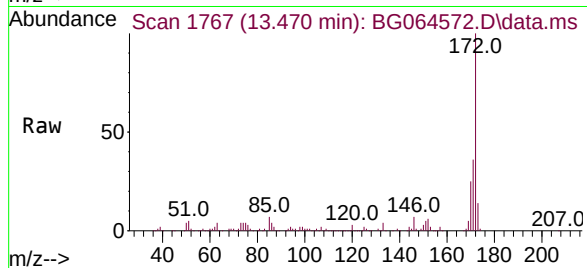
Tgt Ion:196 Resp: 64753
Ion Ratio Lower Upper
196 100
198 101.1 74.2 111.4
97 43.6 37.0 55.6
132 21.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 39.584 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

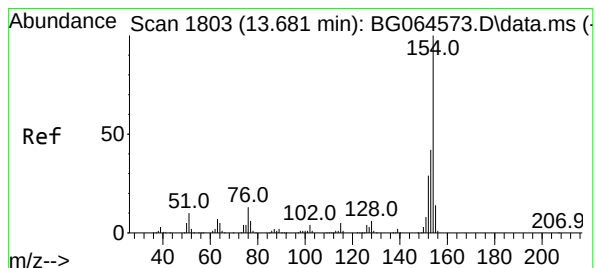
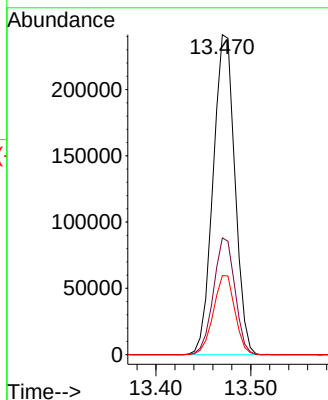
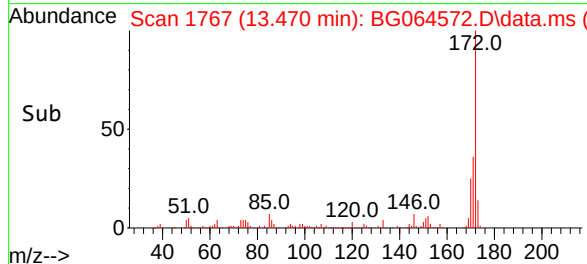
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 38525
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.7 19.1 28.7

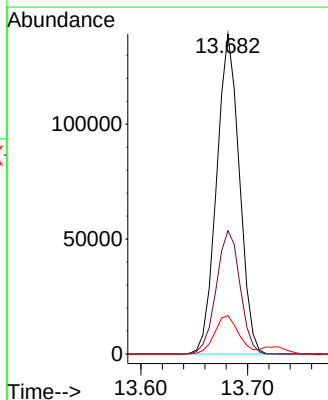
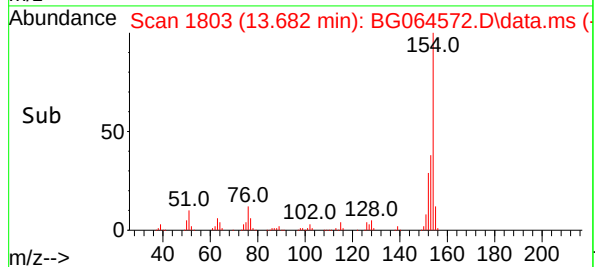
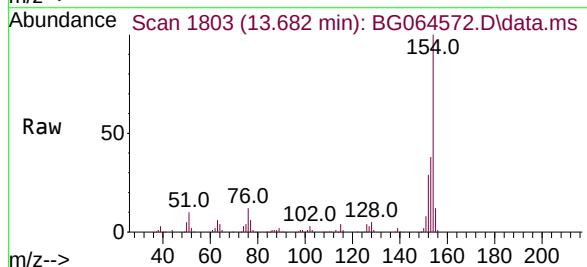
Manual Integrations
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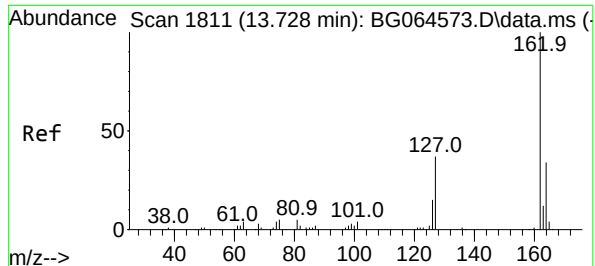
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#46
1,1'-Biphenyl
Concen: 19.705 ng
RT: 13.682 min Scan# 1803
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:154 Resp: 206656
Ion Ratio Lower Upper
154 100
153 38.5 22.4 62.4
76 12.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 19.625 ng

RT: 13.729 min Scan# 1811

Delta R.T. -0.003 min

Lab File: BG064572.D

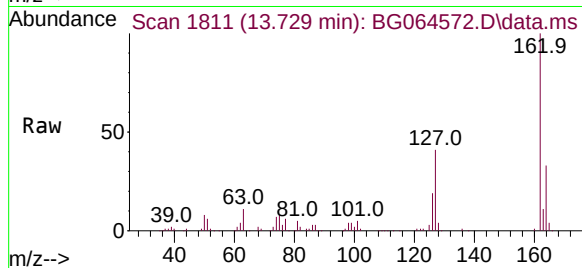
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 155356

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

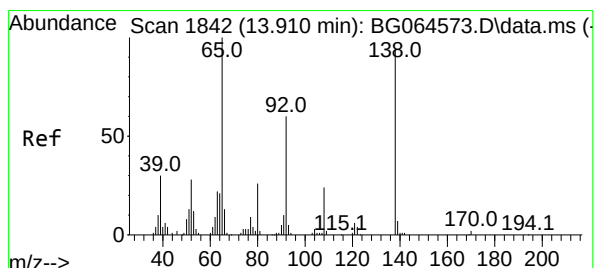
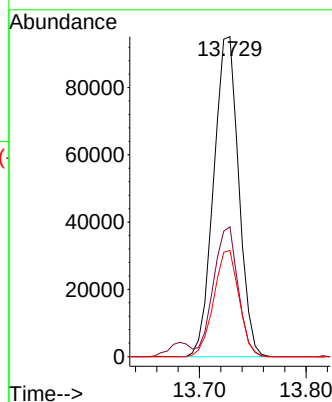
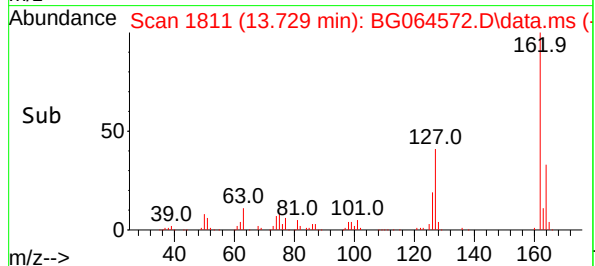
164 33.2 27.5 41.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#48

2-Nitroaniline

Concen: 17.565 ng

RT: 13.911 min Scan# 1842

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

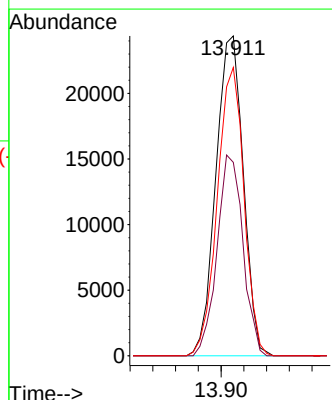
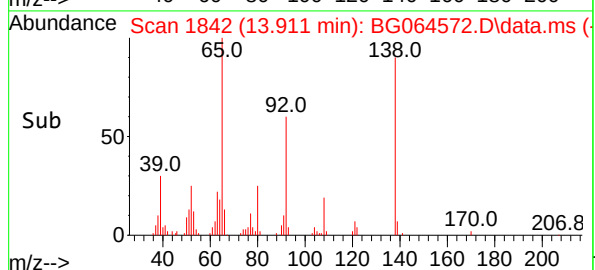
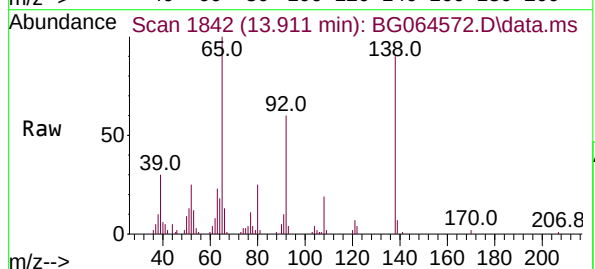
Tgt Ion: 65 Resp: 40854

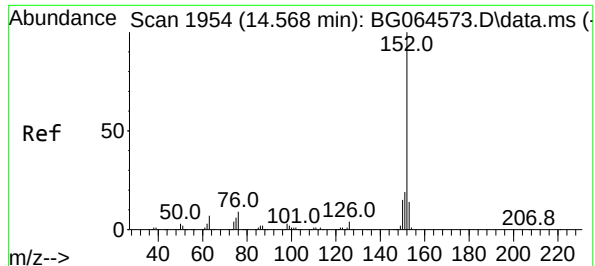
Ion Ratio Lower Upper

65 100

92 60.5 48.3 72.5

138 90.1 74.9 112.3





#49

Acenaphthylene

Concen: 19.454 ng

RT: 14.563 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 242914

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.2

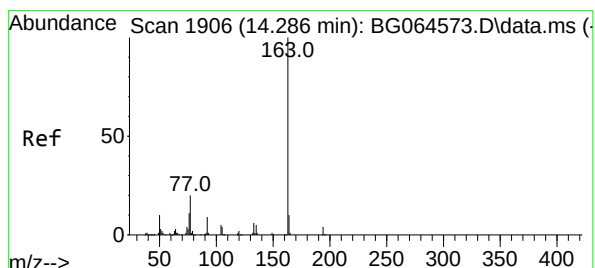
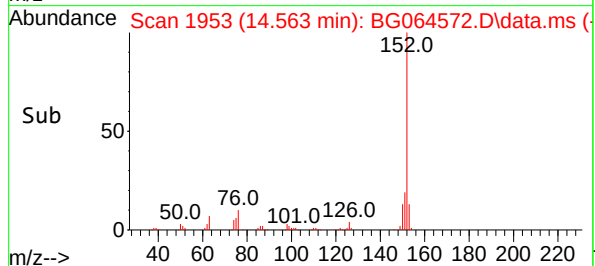
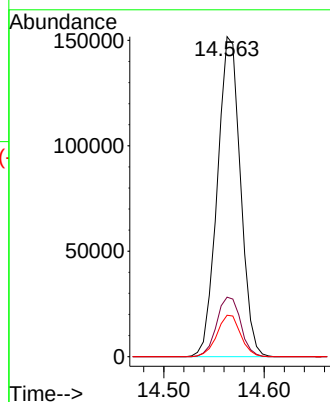
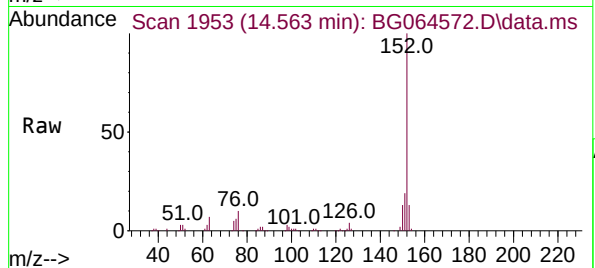
153 12.9 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#50

Dimethylphthalate

Concen: 19.452 ng

RT: 14.281 min Scan# 1905

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

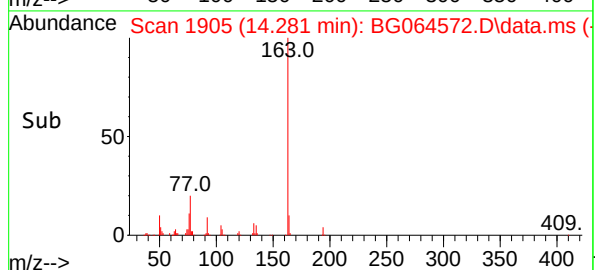
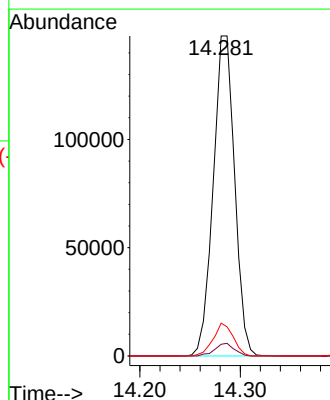
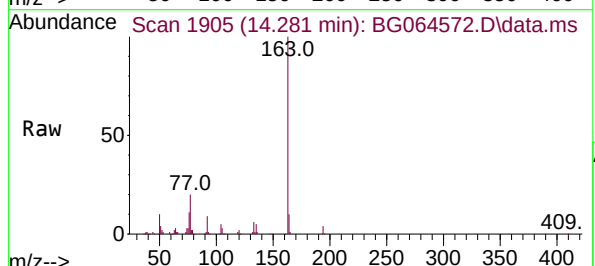
Tgt Ion:163 Resp: 219575

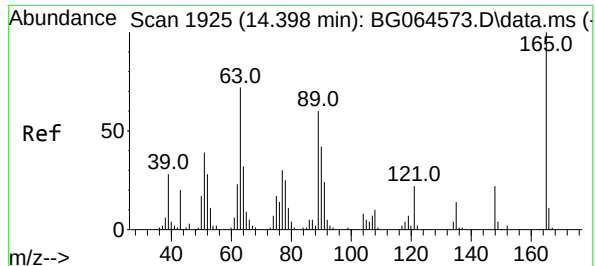
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

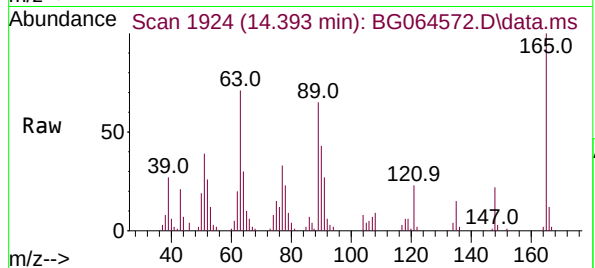
164 10.2 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.393 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

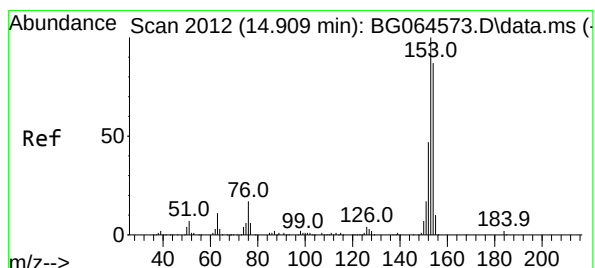
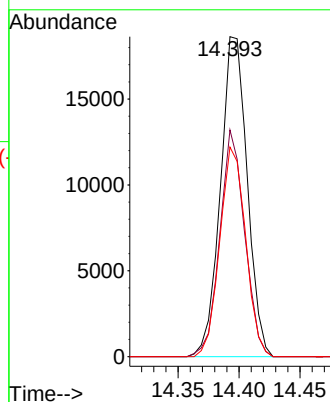
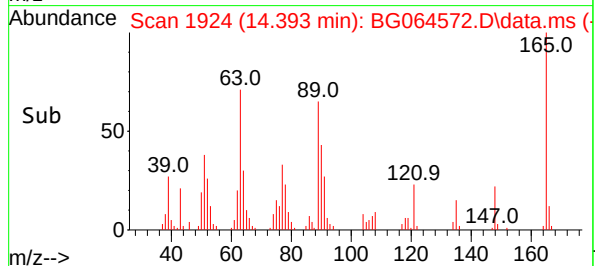
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



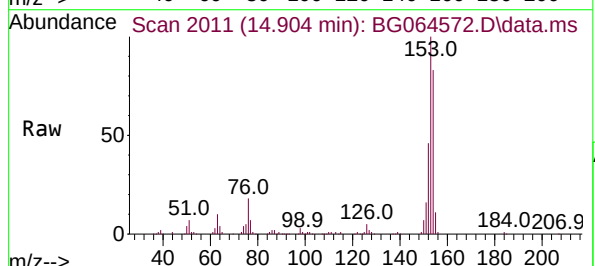
Tgt Ion:165 Resp: 2842
Ion Ratio Lower Upper
165 100
63 70.8 57.4 86.0
89 65.5 47.8 71.8

Manual Integrations
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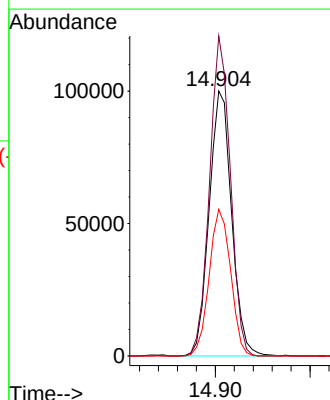
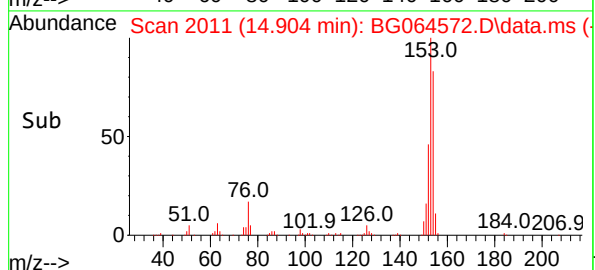
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

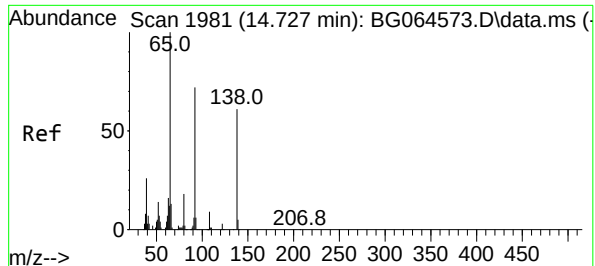


#52
Acenaphthene
Concen: 19.287 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



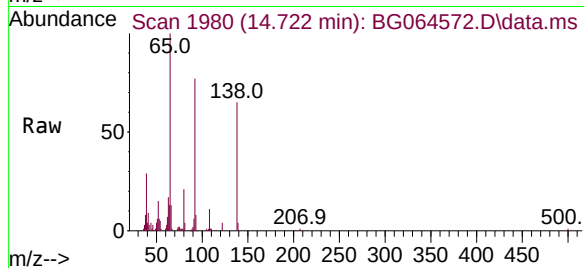
Tgt Ion:154 Resp: 164542
Ion Ratio Lower Upper
154 100
153 120.8 92.2 138.4
152 55.3 43.2 64.8





#53
3-Nitroaniline
Concen: 19.193 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

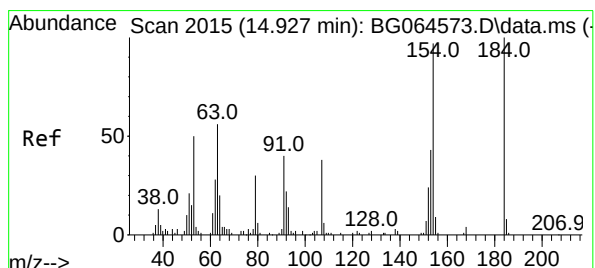
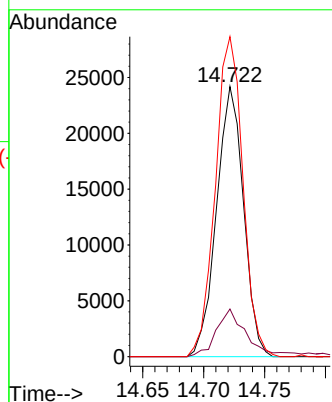
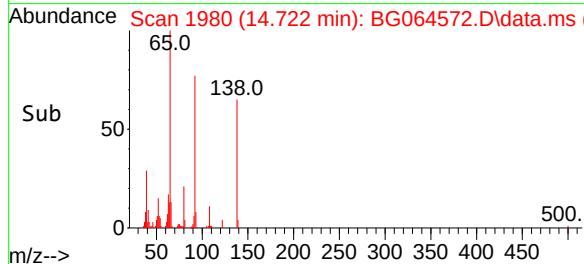
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



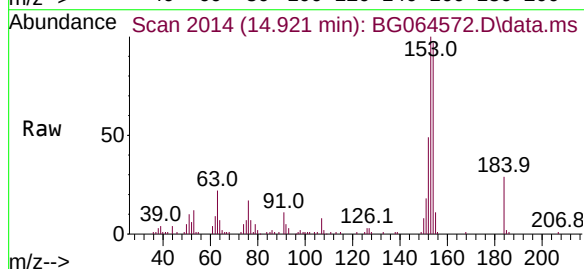
Tgt Ion:138 Resp: 37234
Ion Ratio Lower Upper
138 100
108 17.6 11.4 17.0
92 118.5 95.3 142.9

Manual Integrations
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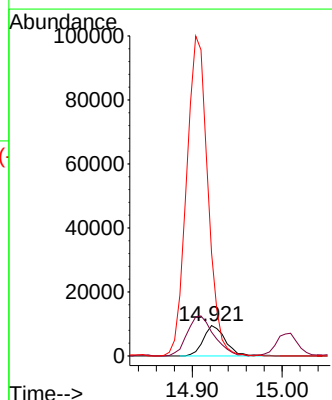
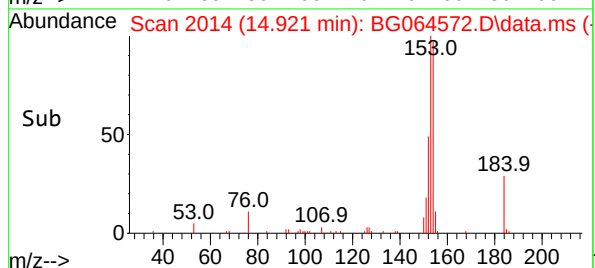
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

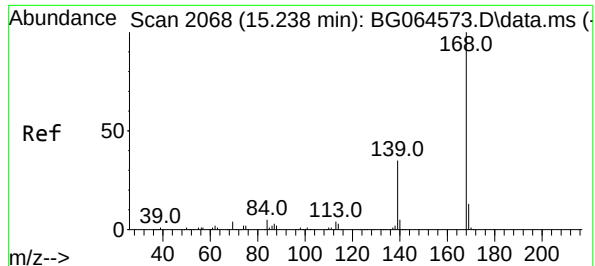


#54
2,4-Dinitrophenol
Concen: 18.744 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



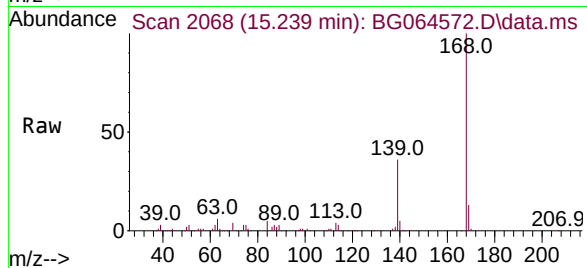
Tgt Ion:184 Resp: 16182
Ion Ratio Lower Upper
184 100
63 78.3 56.6 85.0
154 339.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 19.534 ng
RT: 15.239 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

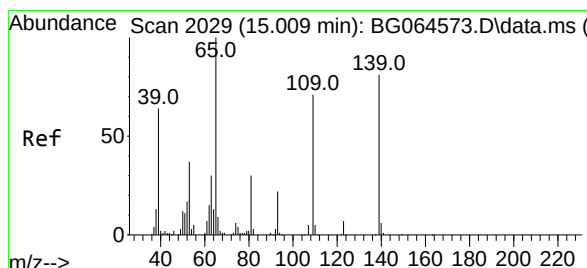
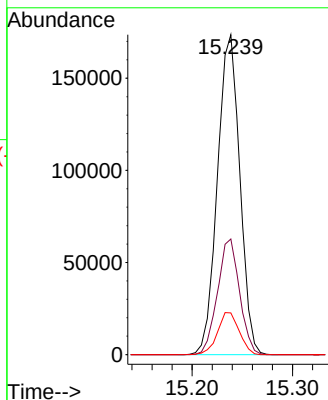
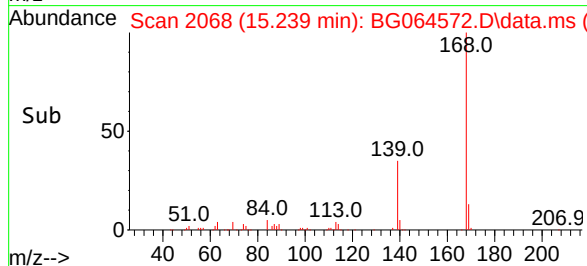
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 269419
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.8
169 13.0 10.3 15.5

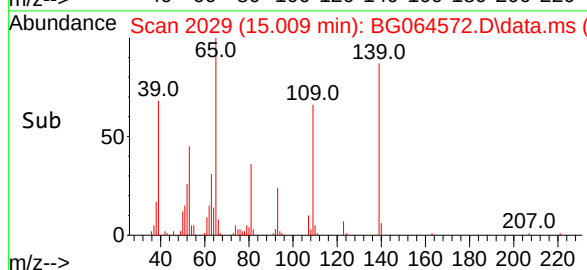
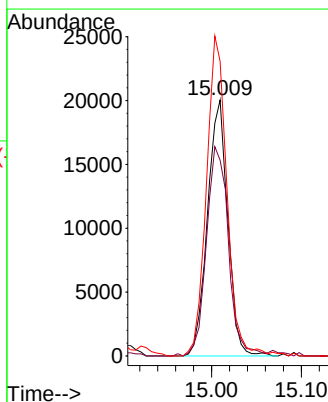
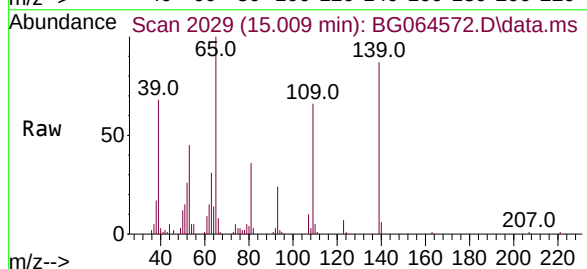
Manual Integrations
APPROVED

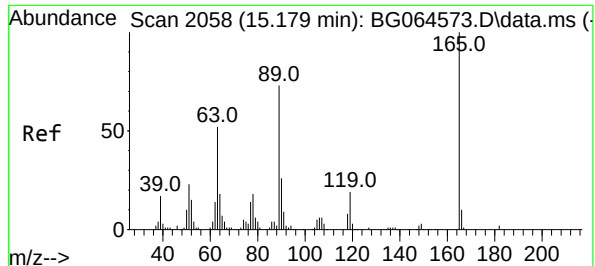
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#56
4-Nitrophenol
Concen: 17.439 ng
RT: 15.009 min Scan# 2029
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

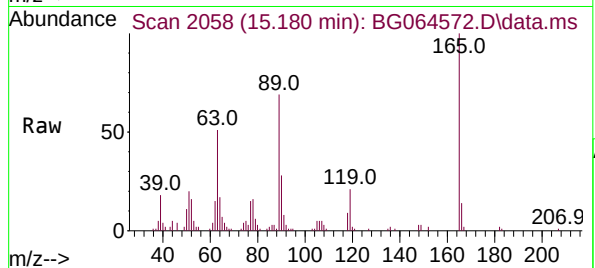
Tgt Ion:139 Resp: 31366
Ion Ratio Lower Upper
139 100
109 76.4 67.8 107.8
65 115.0 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 17.427 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

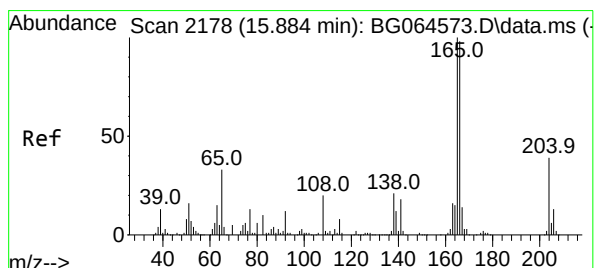
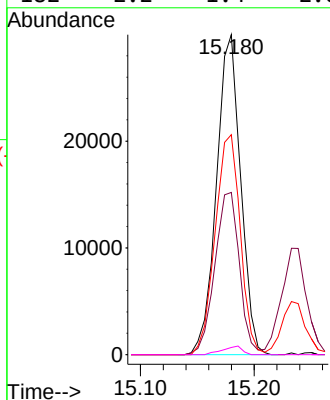
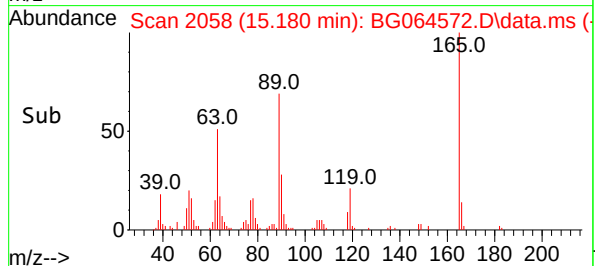
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 44209
Ion Ratio Lower Upper
165 100
63 50.7 41.8 62.8
89 68.7 58.1 87.1
182 2.2 1.4 2.0#

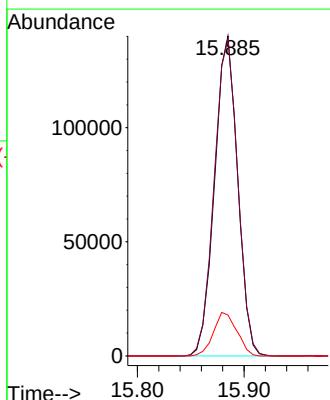
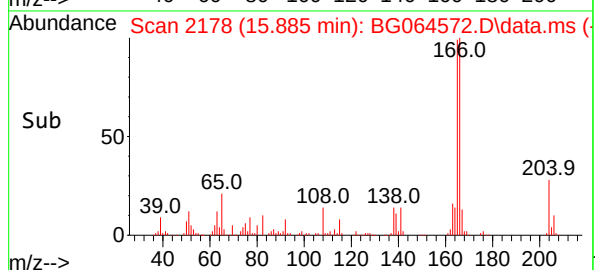
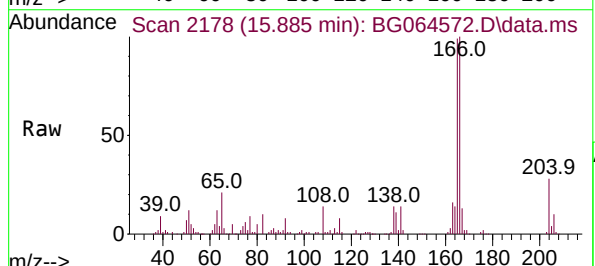
Manual Integrations
APPROVED

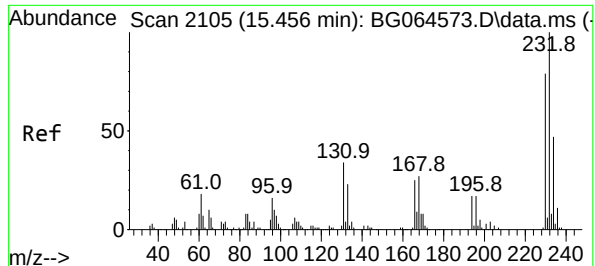
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 19.536 ng
RT: 15.885 min Scan# 2178
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

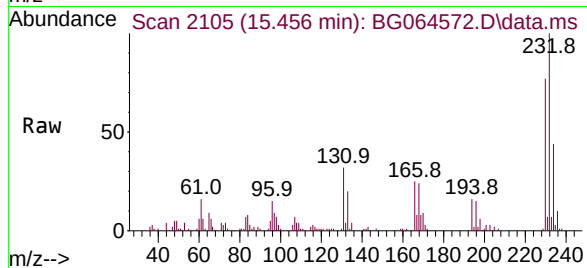
Tgt Ion:166 Resp: 210426
Ion Ratio Lower Upper
166 100
165 99.0 81.5 122.3
167 12.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.980 ng
RT: 15.456 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

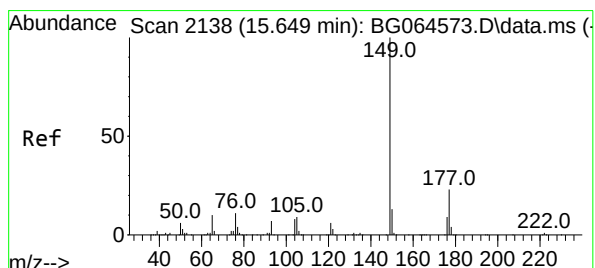
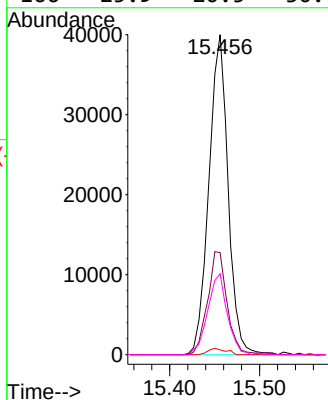
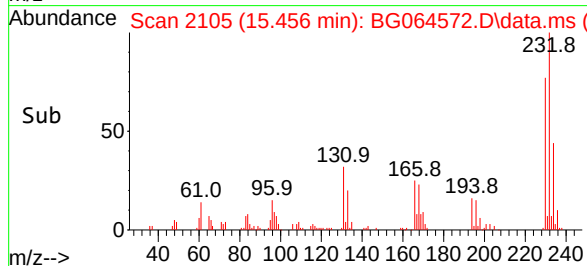
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



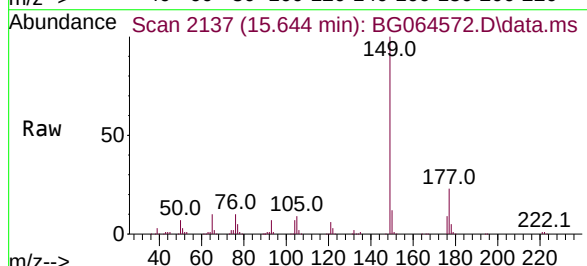
Tgt Ion:232 Resp: 59314
Ion Ratio Lower Upper
232 100
131 32.5 26.7 40.1
130 1.8 1.6 2.4
166 25.9 20.5 30.7

Manual Integrations
APPROVED

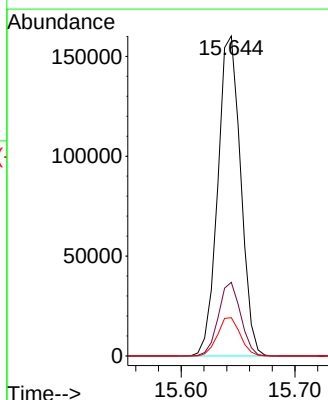
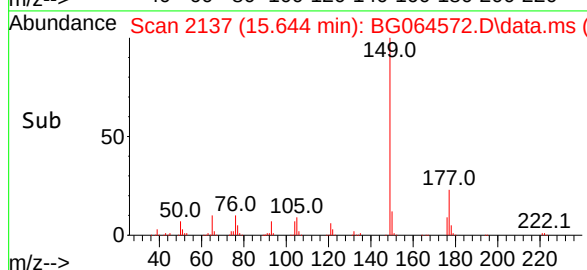
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

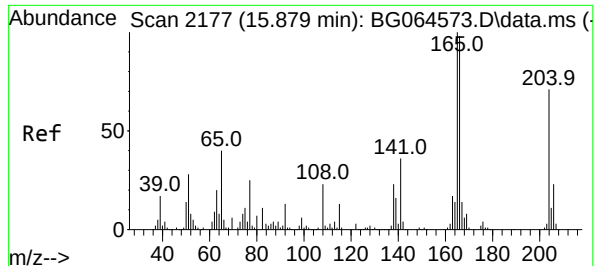


#60
Diethylphthalate
Concen: 19.382 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



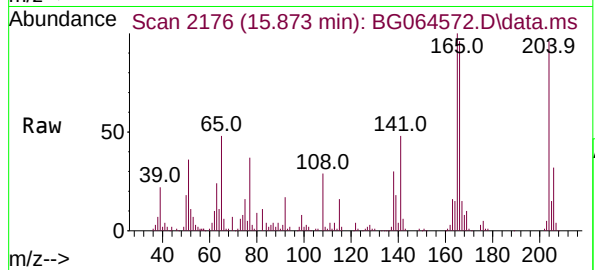
Tgt Ion:149 Resp: 223398
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 19.333 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

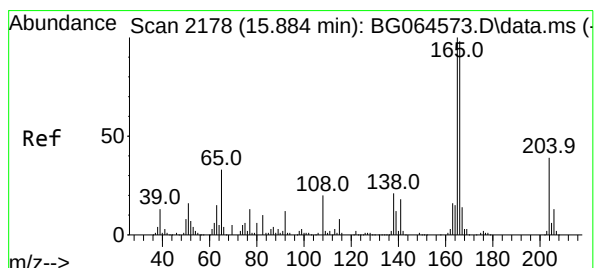
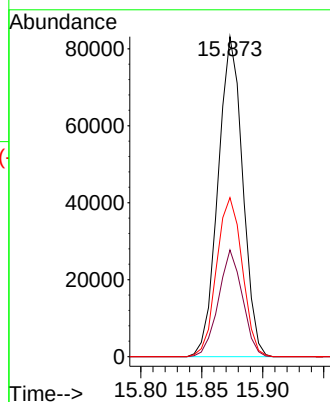
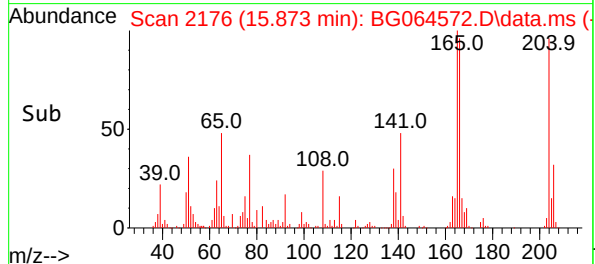
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



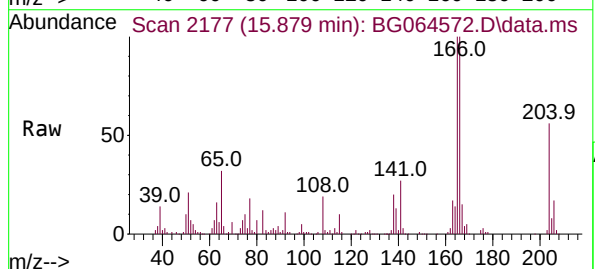
Tgt Ion:204 Resp: 11686
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 49.7 40.6 60.8

Manual Integrations
APPROVED

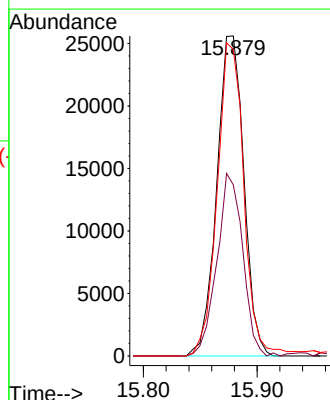
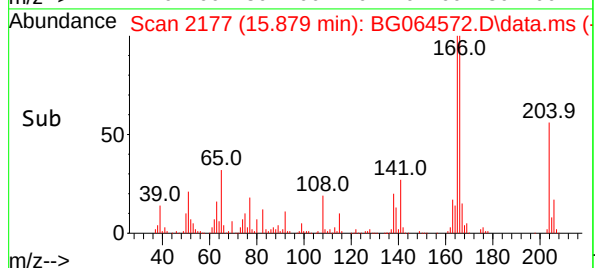
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

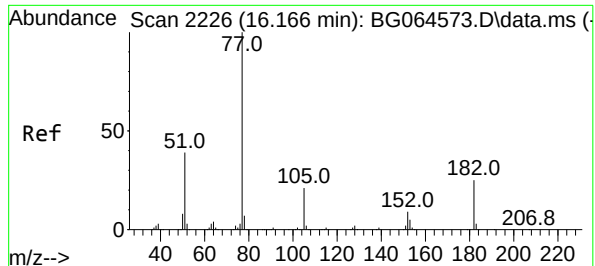


#62
4-Nitroaniline
Concen: 19.582 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.015 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



Tgt Ion:138 Resp: 42261
Ion Ratio Lower Upper
138 100
92 53.4 36.1 76.1
108 95.8 75.6 115.6





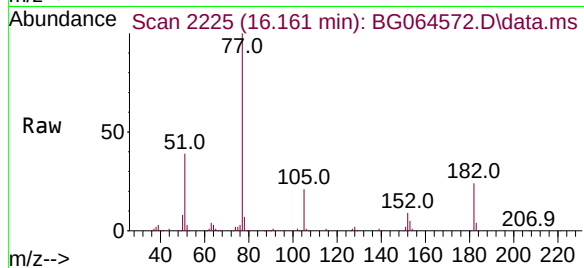
#63
Azobenzene
Concen: 19.205 ng
RT: 16.161 min Scan# 2226
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

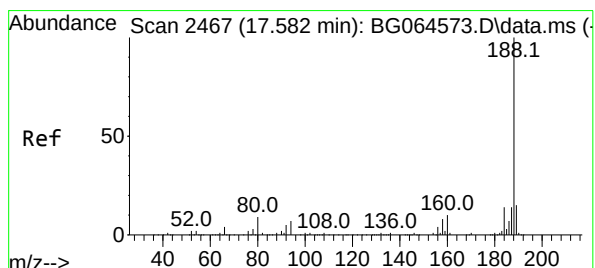
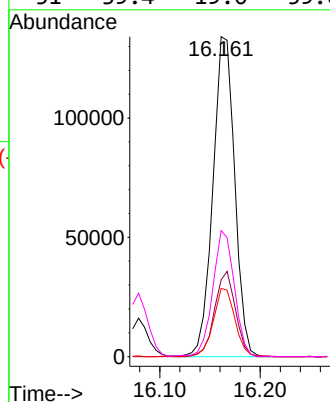
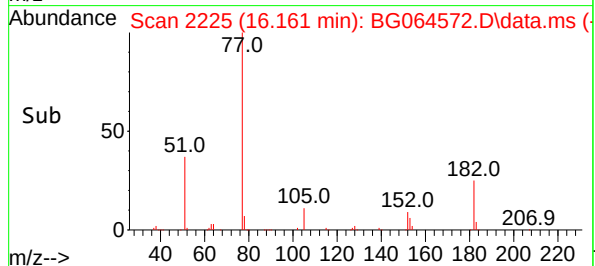


Tgt Ion: 77 Resp: 203101
Ion Ratio Lower Upper
77 100
182 24.0 4.9 44.9
105 21.3 1.3 41.3
51 39.4 19.0 59.0

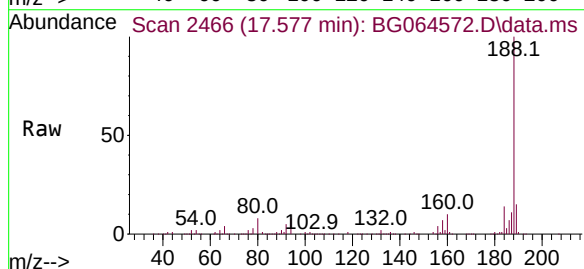
Manual Integrations

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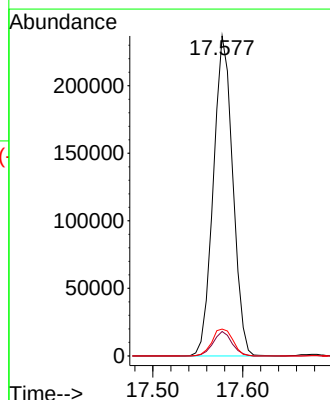
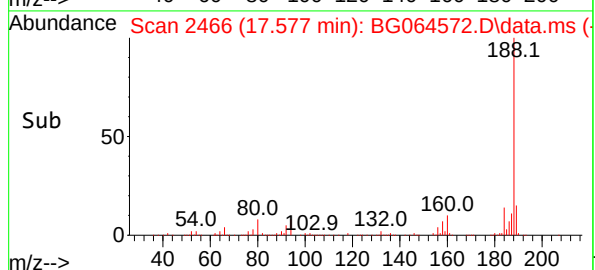
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

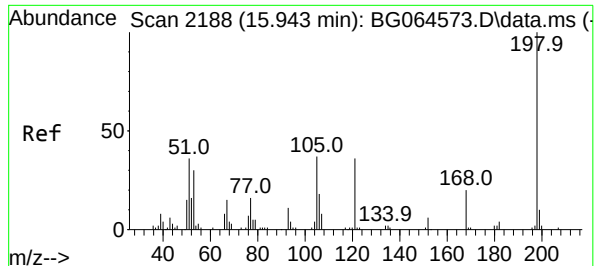


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



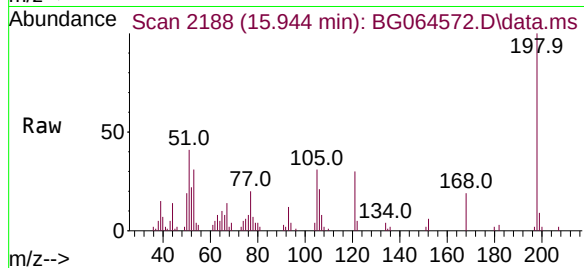
Tgt Ion:188 Resp: 357228
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 18.316 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

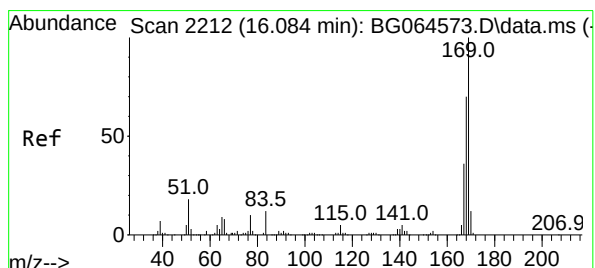
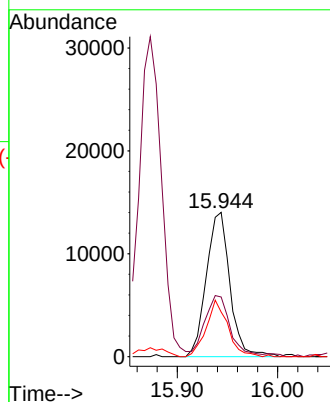
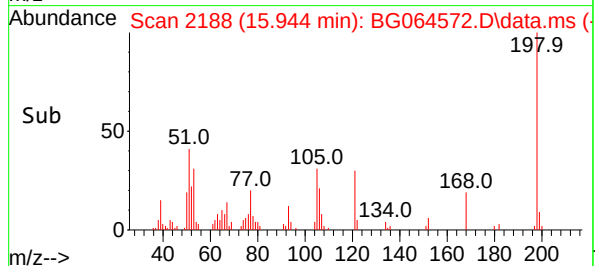
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



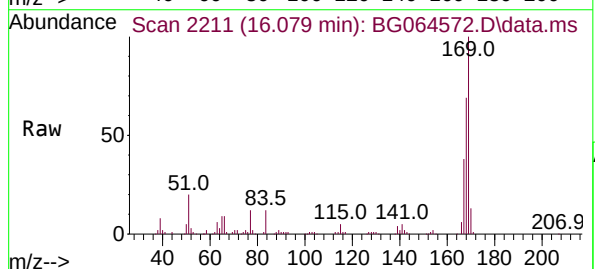
Tgt Ion:198 Resp: 22843
Ion Ratio Lower Upper
198 100
51 41.3 24.7 64.7
105 30.8 18.0 58.0

Manual Integrations
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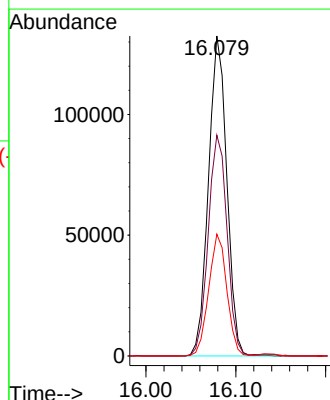
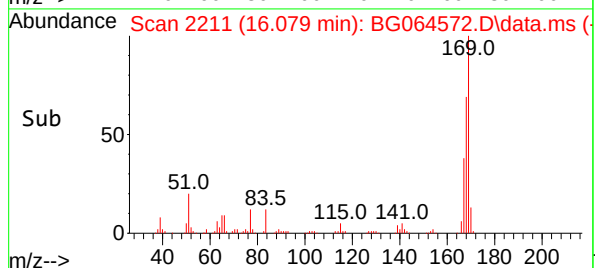
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

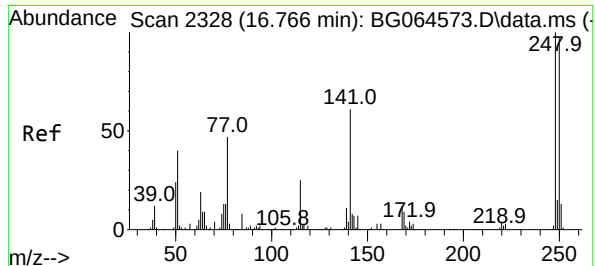


#66
n-Nitrosodiphenylamine
Concen: 19.437 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



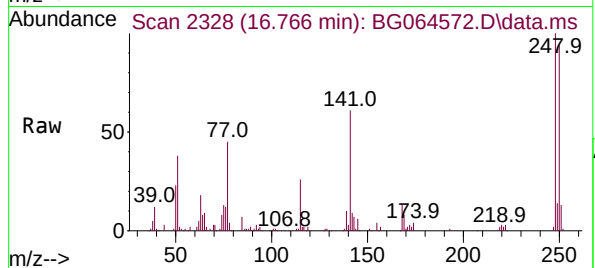
Tgt Ion:169 Resp: 187560
Ion Ratio Lower Upper
169 100
168 69.0 56.3 84.5
167 38.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 19.444 ng
RT: 16.766 min Scan# 2328
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

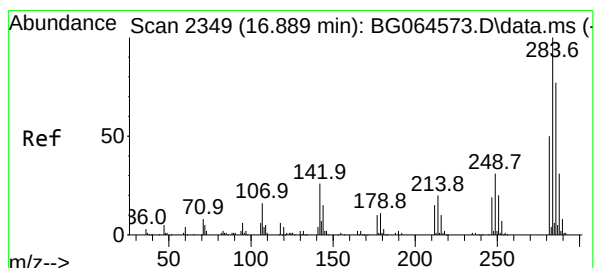
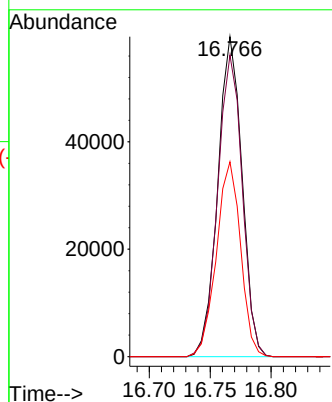
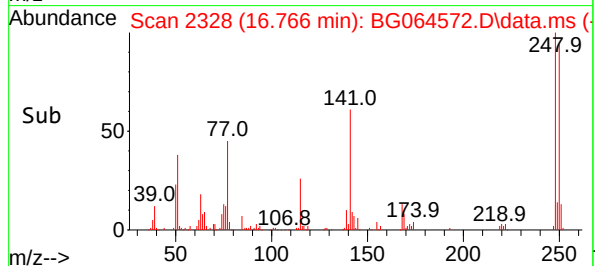
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



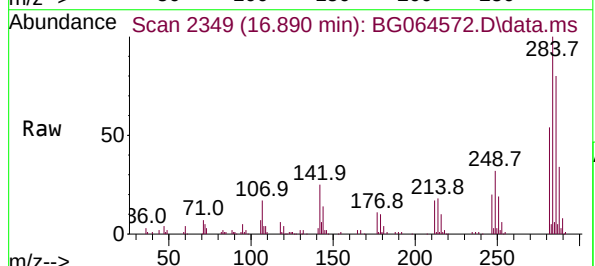
Tgt Ion:248 Resp: 82311
Ion Ratio Lower Upper
248 100
250 94.2 77.7 116.5
141 60.9 48.6 72.8

Manual Integrations
APPROVED

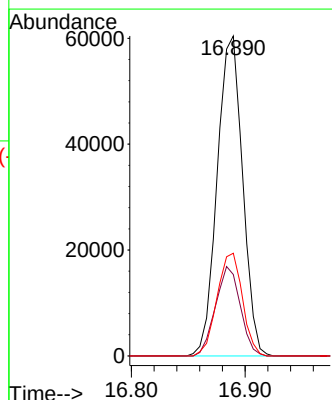
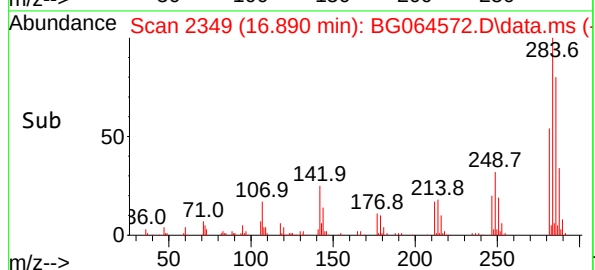
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

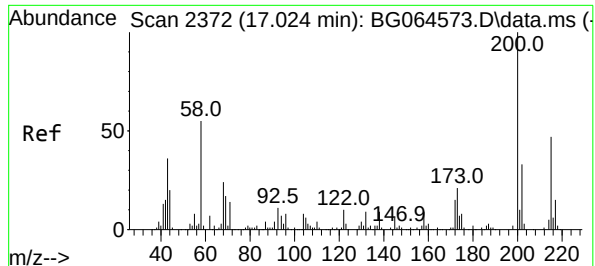


#68
Hexachlorobenzene
Concen: 19.391 ng
RT: 16.890 min Scan# 2349
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



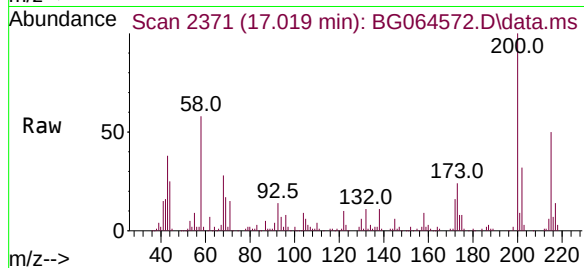
Tgt Ion:284 Resp: 93647
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.6
249 34.6 24.9 37.3





#69
Atrazine
Concen: 21.392 ng
RT: 17.019 min Scan# 2371
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

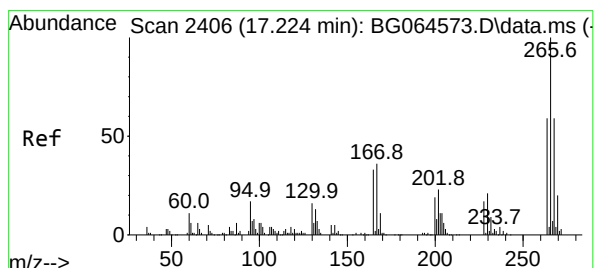
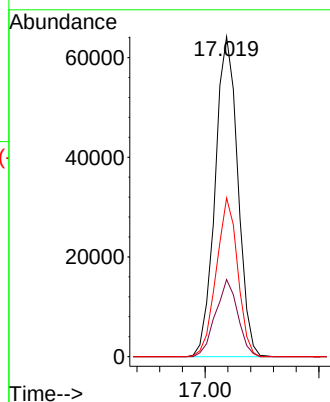
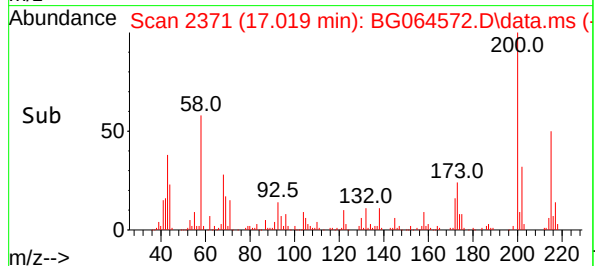
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



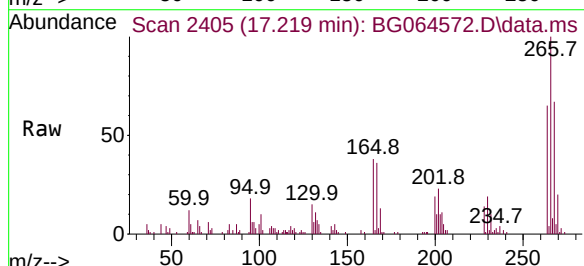
Tgt Ion:200 Resp: 88832
Ion Ratio Lower Upper
200 100
173 24.1 0.9 40.9
215 49.6 27.0 67.0

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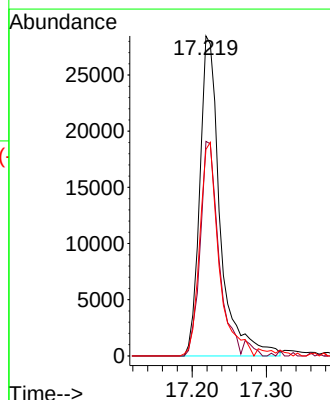
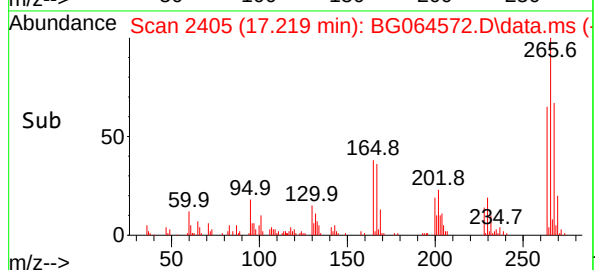
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

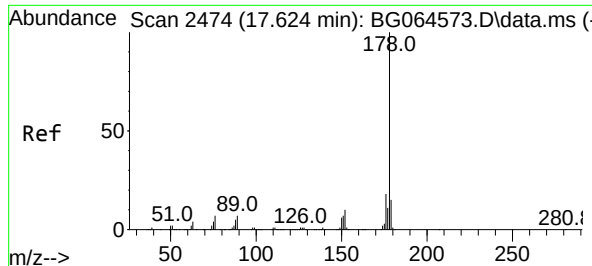


#70
Pentachlorophenol
Concen: 18.022 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



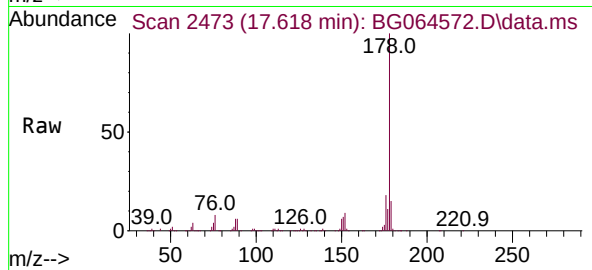
Tgt Ion:266 Resp: 54275
Ion Ratio Lower Upper
266 100
268 71.7 50.3 75.5
264 68.9 47.3 70.9





#71
Phenanthrene
Concen: 19.624 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

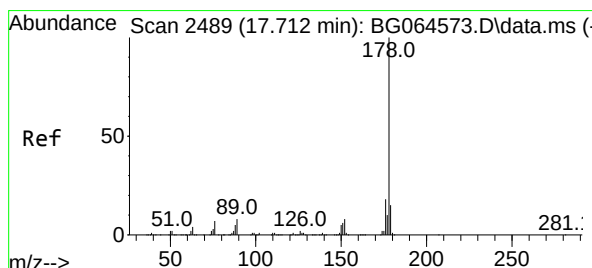
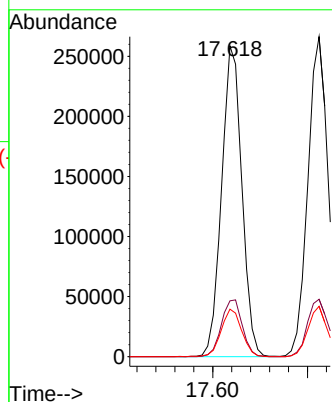
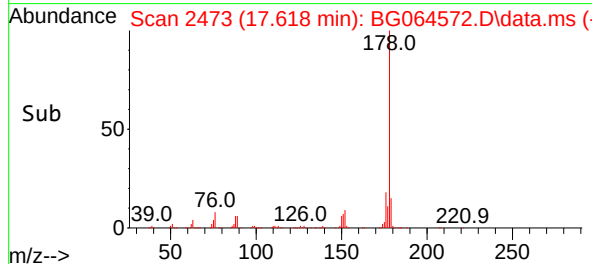
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 383359
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.3 12.2 18.4

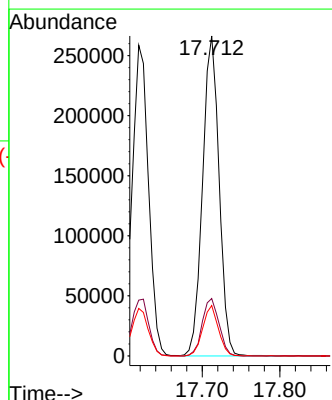
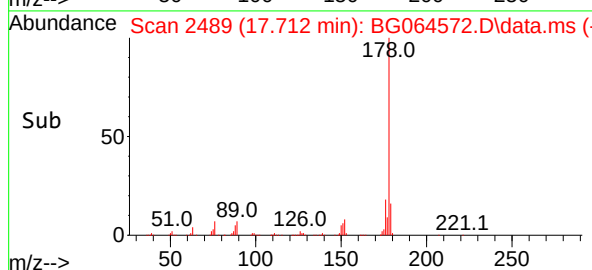
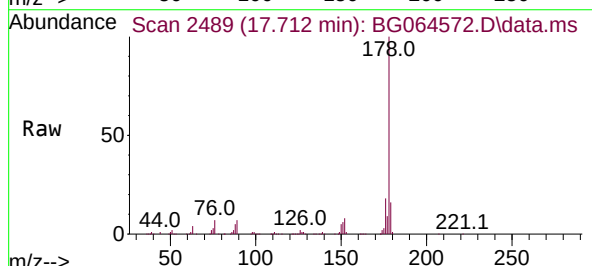
Manual Integrations
APPROVED

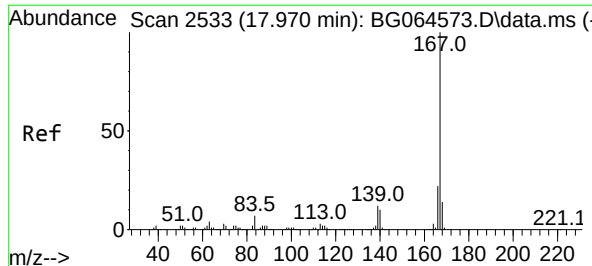
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 19.792 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

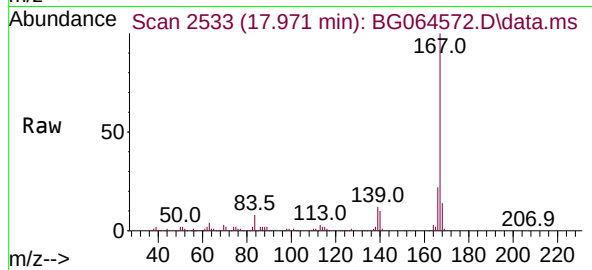
Tgt Ion:178 Resp: 393312
Ion Ratio Lower Upper
178 100
176 17.9 14.4 21.6
179 15.7 12.4 18.6





#73
Carbazole
Concen: 20.014 ng
RT: 17.971 min Scan# 2533
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

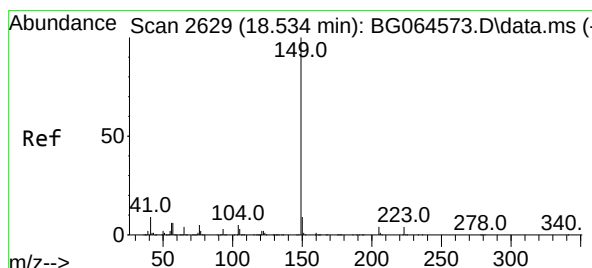
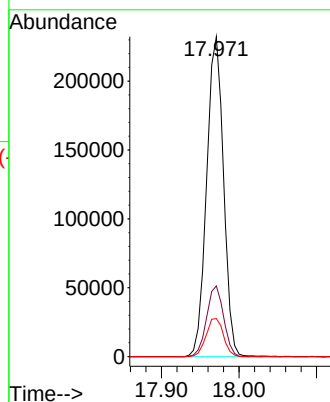
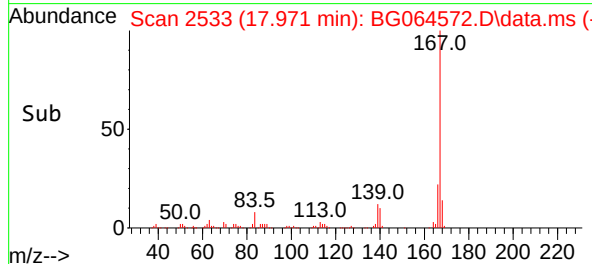
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



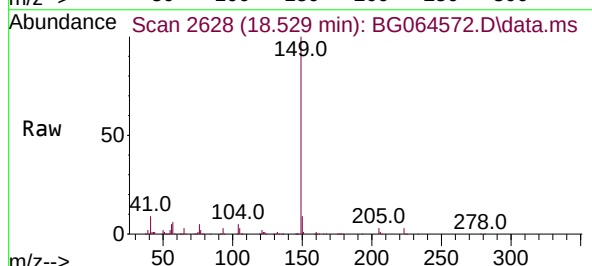
Tgt Ion:167 Resp: 350722
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 11.9 9.7 14.5

Manual Integrations
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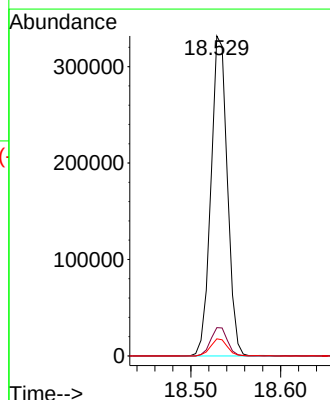
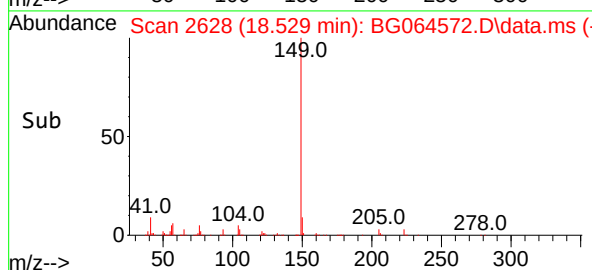
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

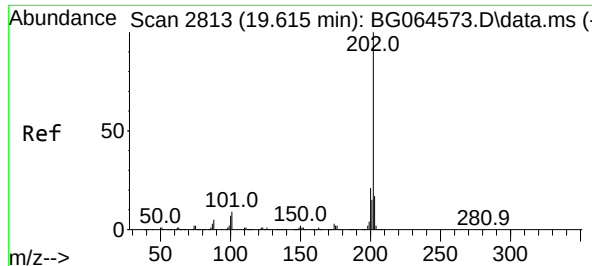


#74
Di-n-butylphthalate
Concen: 20.788 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23



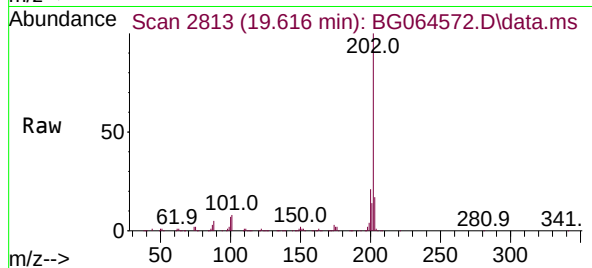
Tgt Ion:149 Resp: 421239
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 20.142 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

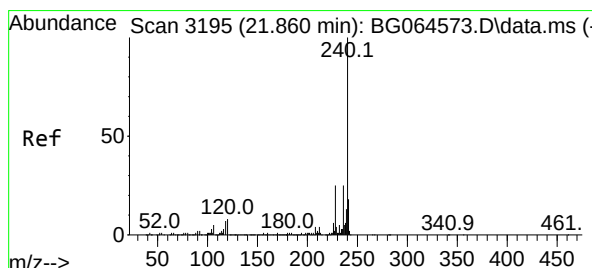
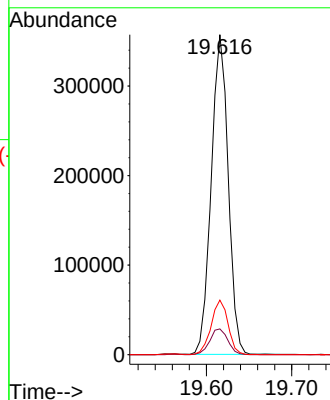
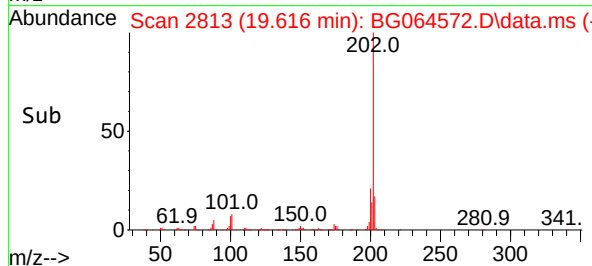
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 492924
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.7
203 17.0 0.0 37.0

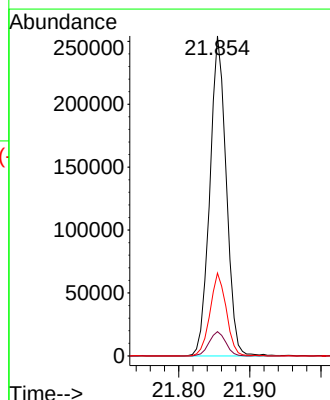
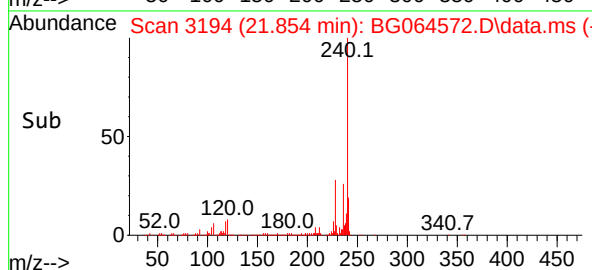
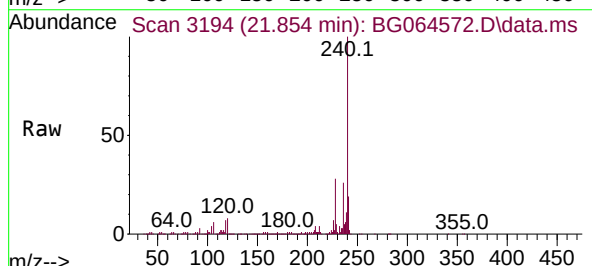
Manual Integrations
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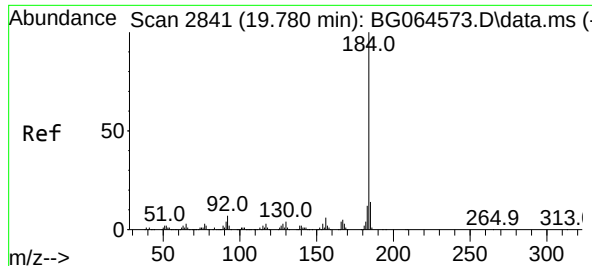
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

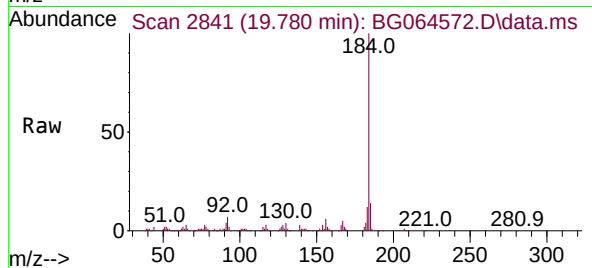
Tgt Ion:240 Resp: 408574
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.9 20.2 30.2





#77
Benzidine
Concen: 21.201 ng
RT: 19.780 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

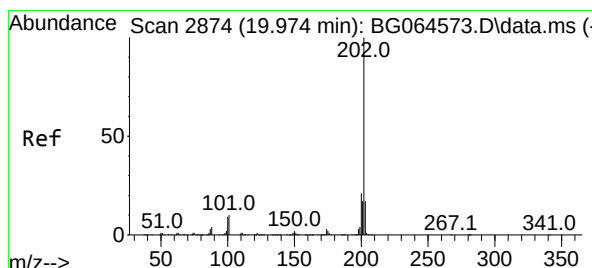
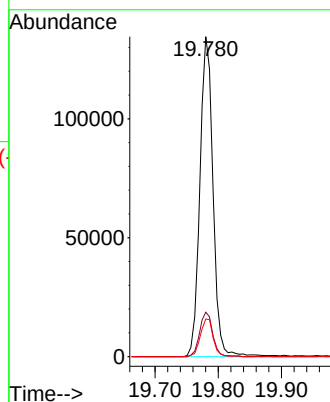
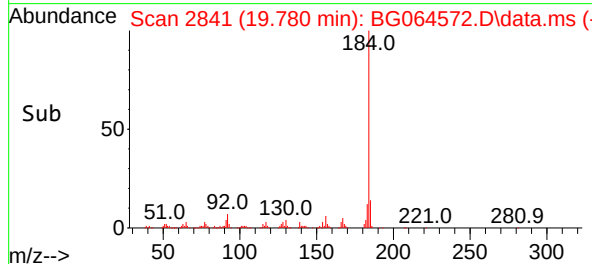
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 194070
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.7 9.4 14.2

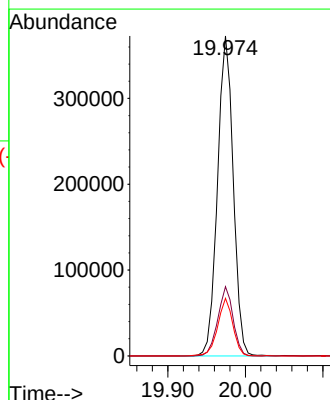
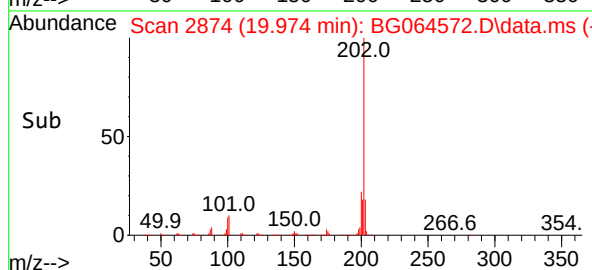
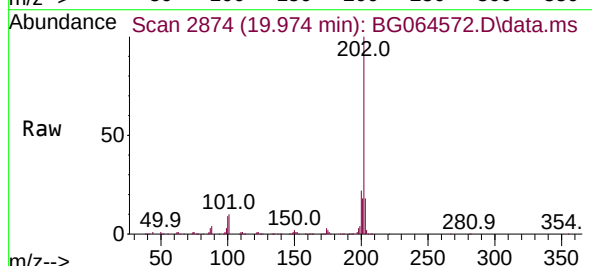
Manual Integrations
APPROVED

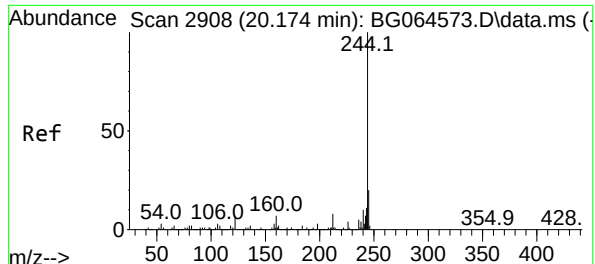
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 19.646 ng
RT: 19.974 min Scan# 2874
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

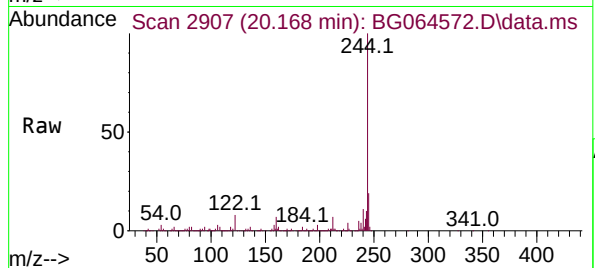
Tgt Ion:202 Resp: 524431
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.0 13.8 20.6





#79
Terphenyl-d14
Concen: 40.219 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

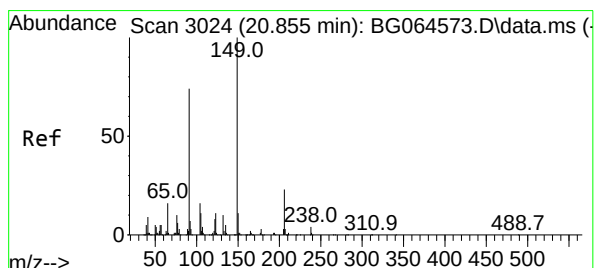
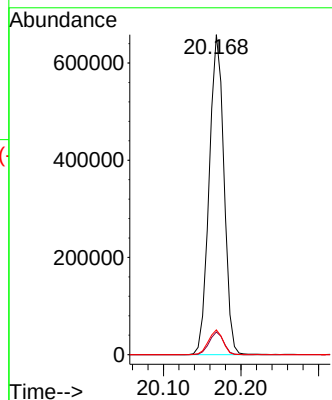
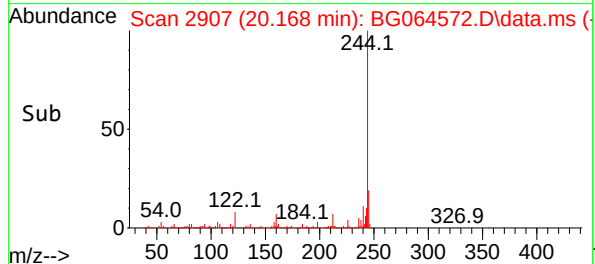
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 870741
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 7.7 5.6 8.4

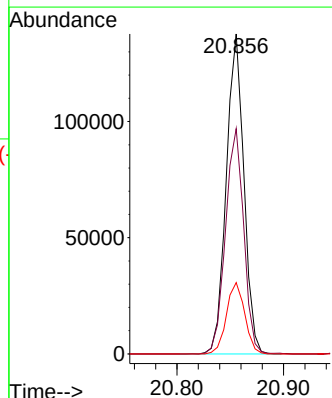
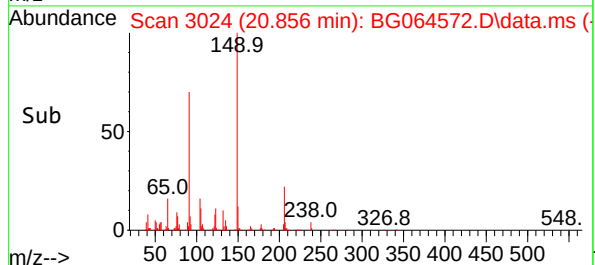
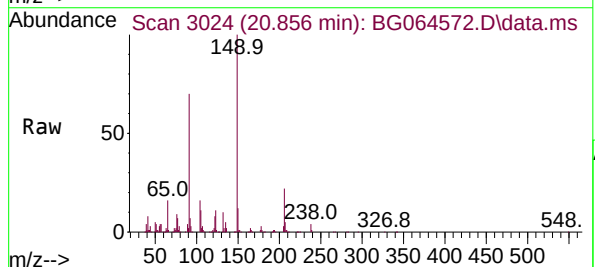
Manual Integrations
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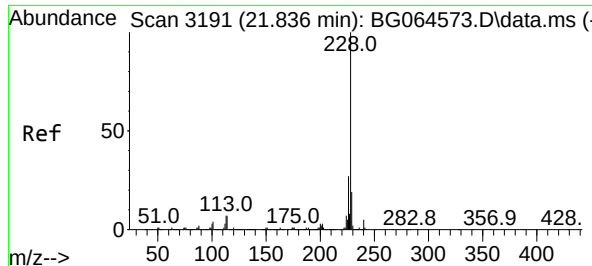
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 19.633 ng
RT: 20.856 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

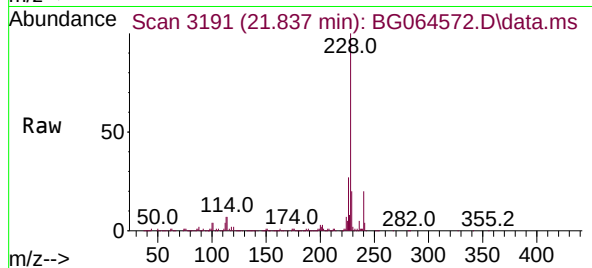
Tgt Ion:149 Resp: 158394
Ion Ratio Lower Upper
149 100
91 70.4 59.2 88.8
206 22.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 19.490 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

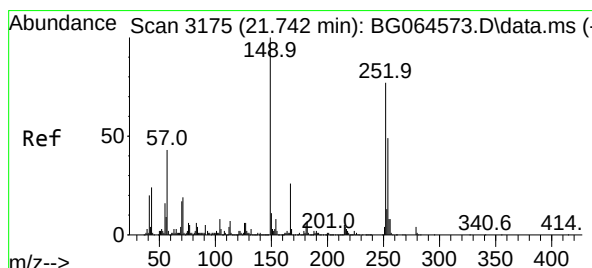
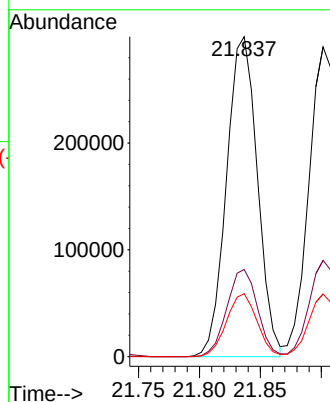
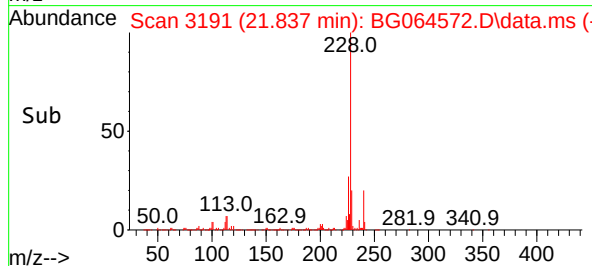
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 528009
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.6 23.4

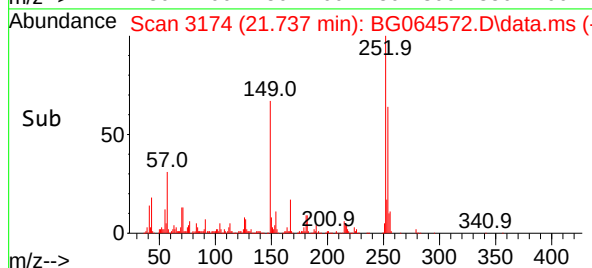
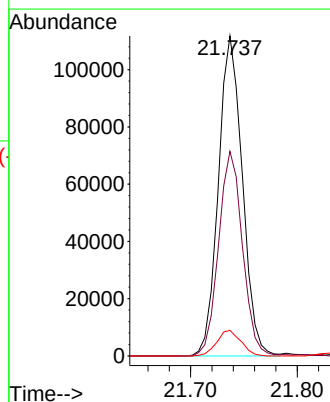
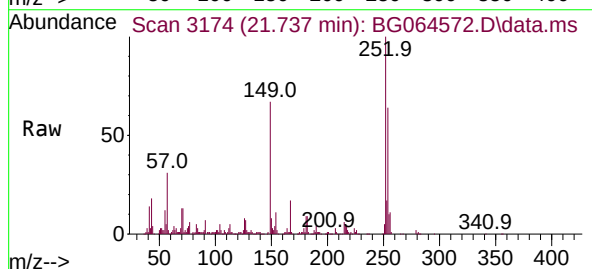
Manual Integrations
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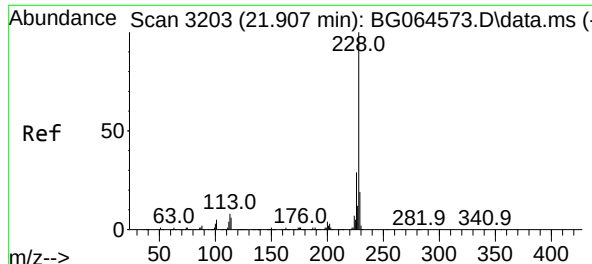
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.323 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 174803
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.0 5.8 8.6





#83

Chrysene

Concen: 19.479 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 502125

Ion Ratio Lower Upper

228 100

226 31.1 23.3 34.9

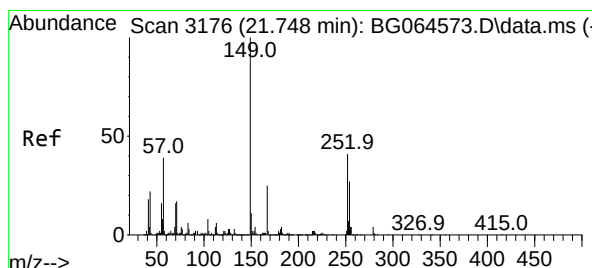
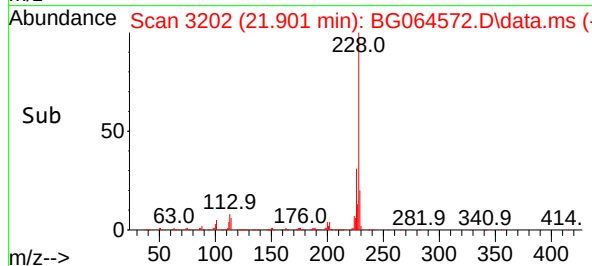
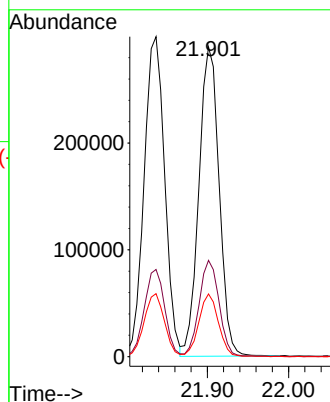
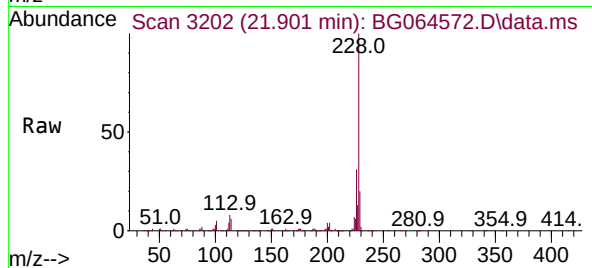
229 20.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.703 ng

RT: 21.749 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

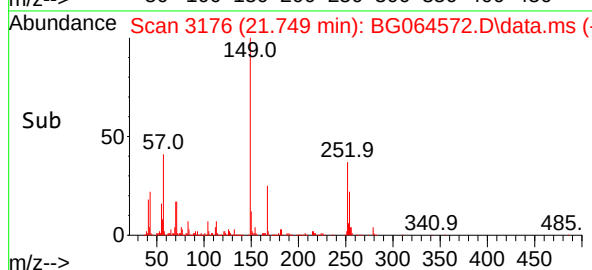
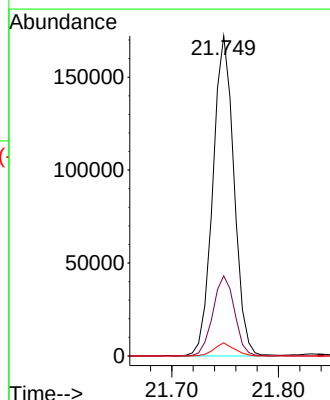
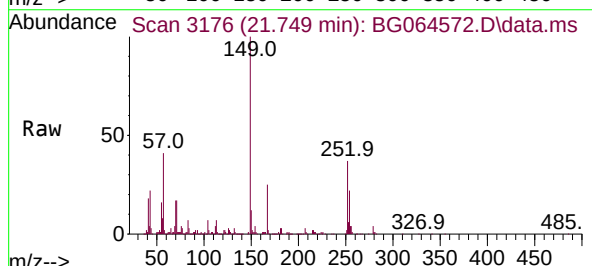
Tgt Ion:149 Resp: 237524

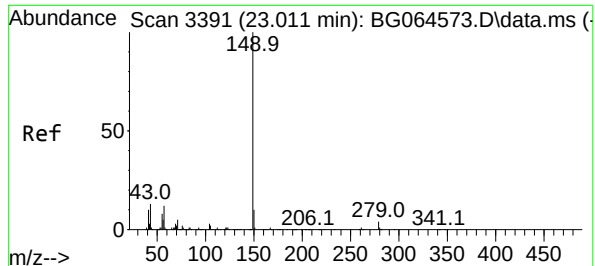
Ion Ratio Lower Upper

149 100

167 25.0 20.0 30.0

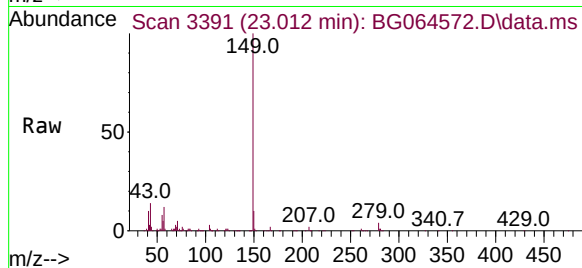
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 18.740 ng
RT: 23.012 min Scan# 3391
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

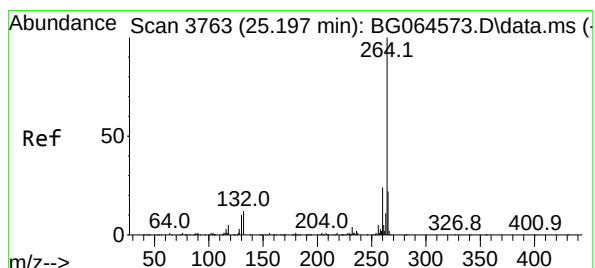
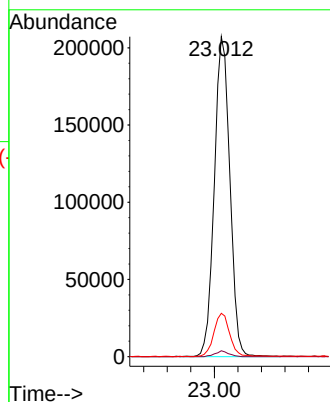
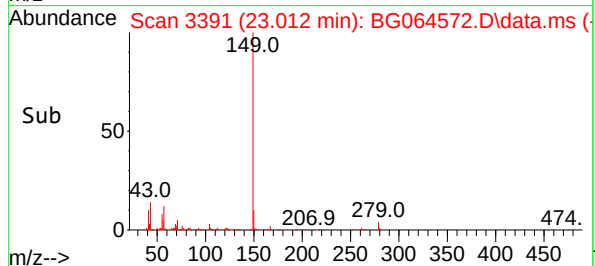
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 380895
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.0 10.8 16.2

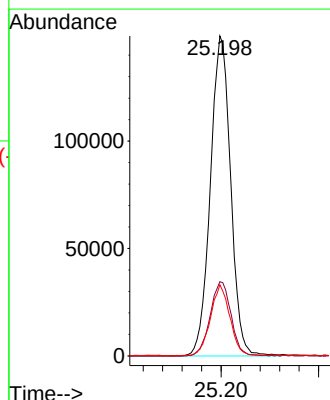
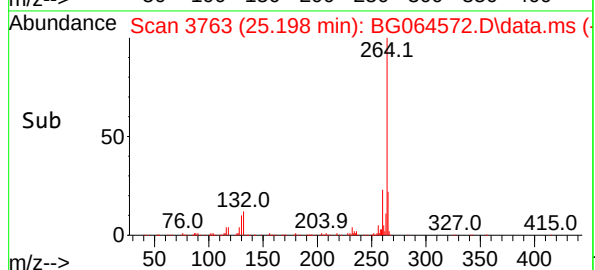
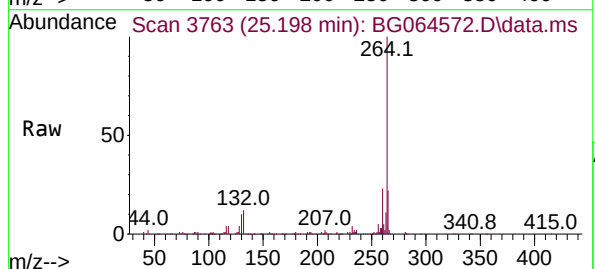
Manual Integrations
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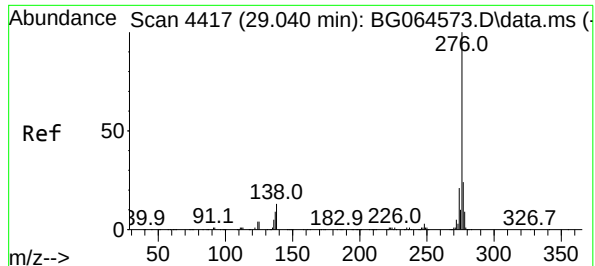
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. -0.003 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

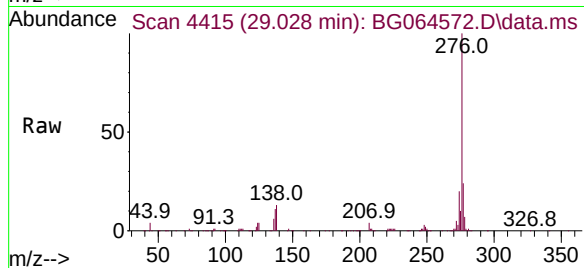
Tgt Ion:264 Resp: 430370
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.163 ng
RT: 29.028 min Scan# 4417
Delta R.T. -0.032 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

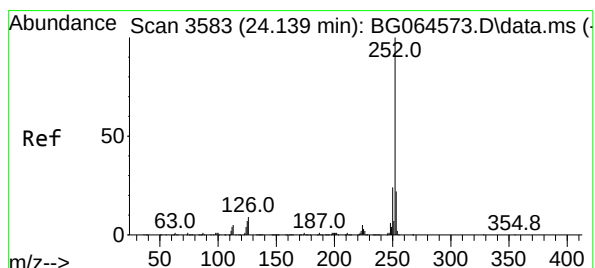
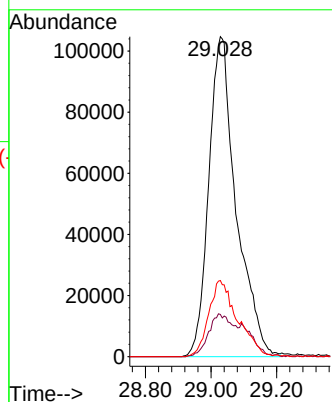
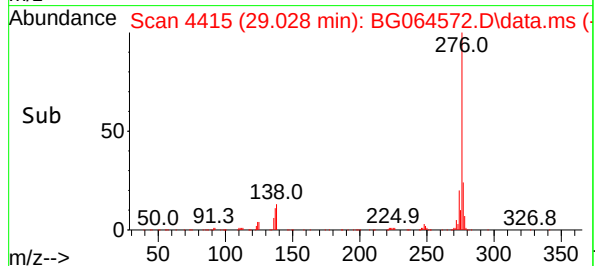
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 606702
Ion Ratio Lower Upper
276 100
138 12.0 10.8 16.2
277 25.1 20.1 30.1

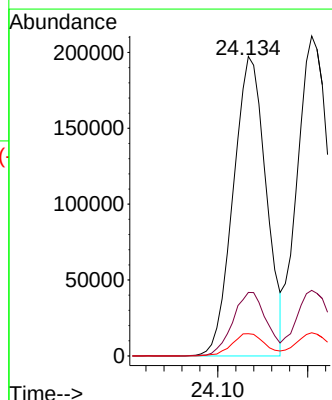
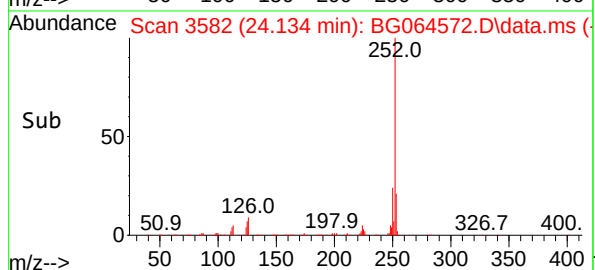
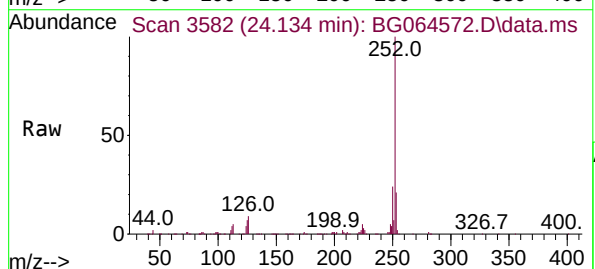
Manual Integrations
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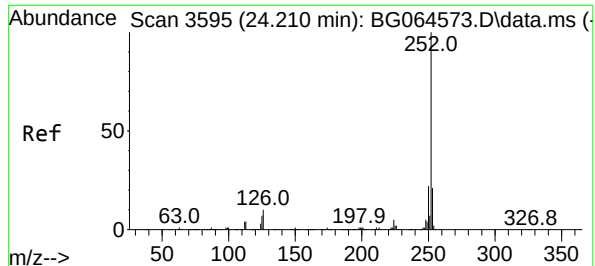
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#88
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:252 Resp: 503145
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 19.650 ng

RT: 24.205 min Scan# 3594

Delta R.T. -0.015 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

Instrument :

BNA_G

ClientSampleId :

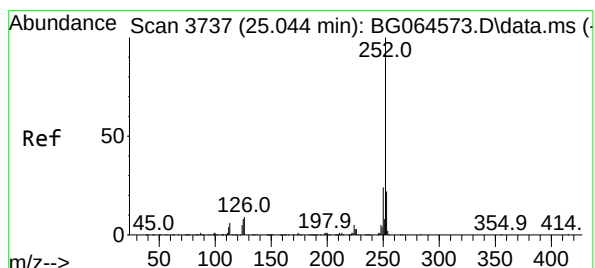
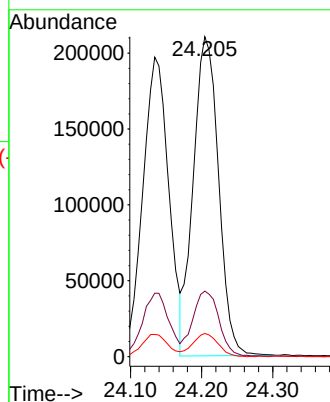
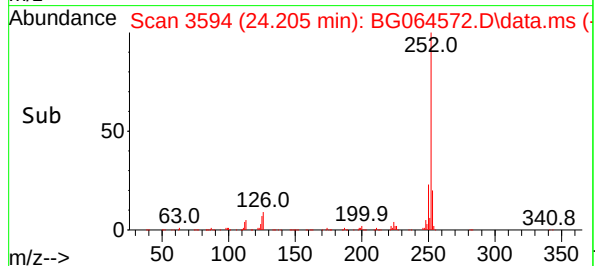
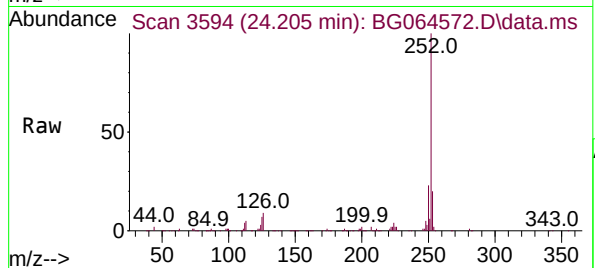
SSTDICC020

Tgt Ion:252 Resp: 518915
Ion Ratio Lower Upper
252 100
253 20.5 16.8 25.2
125 7.2 5.4 8.0

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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 19.398 ng

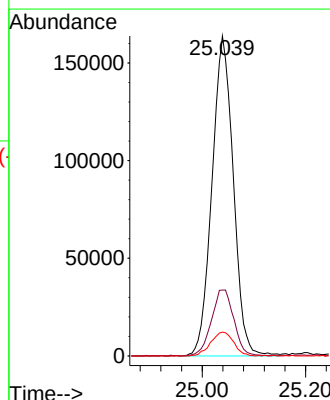
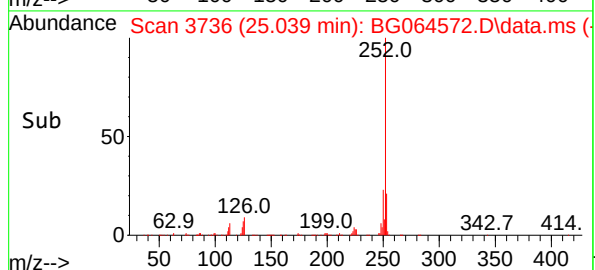
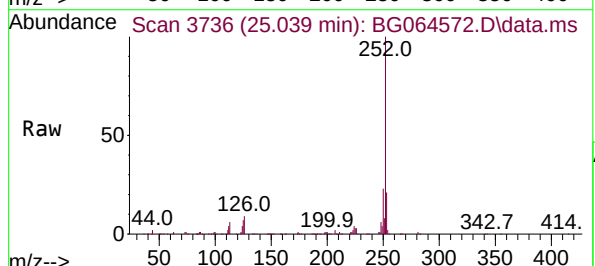
RT: 25.039 min Scan# 3736

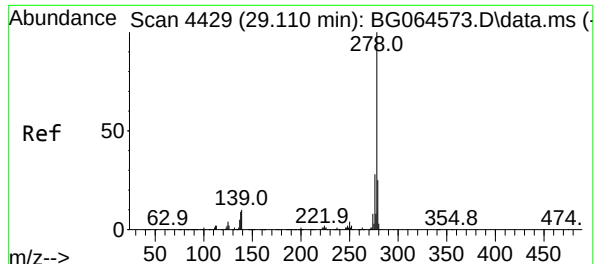
Delta R.T. -0.021 min

Lab File: BG064572.D

Acq: 24 Oct 2025 12:23

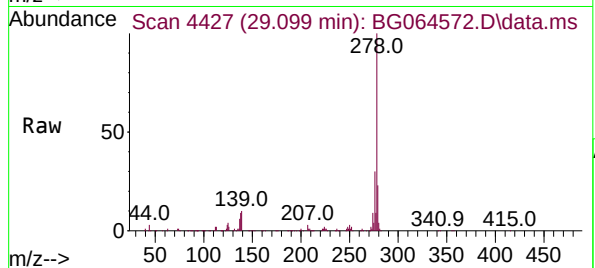
Tgt Ion:252 Resp: 470556
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 7.4 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 19.377 ng
RT: 29.099 min Scan# 4429
Delta R.T. -0.038 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

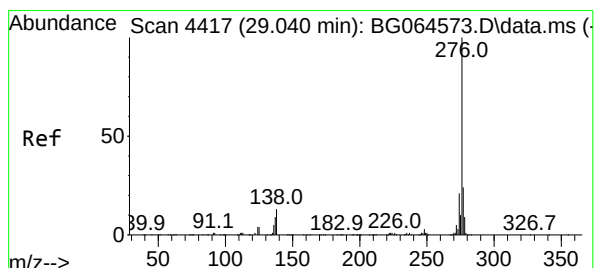
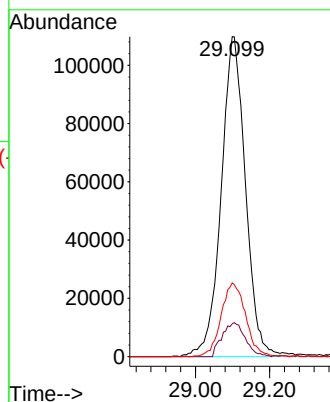
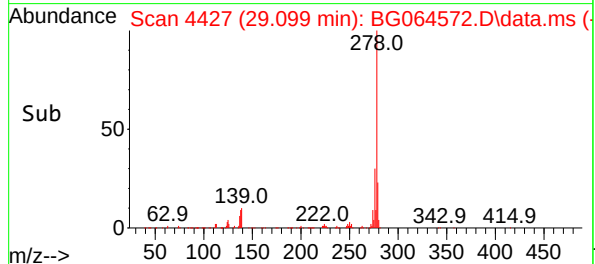
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 498395
Ion Ratio Lower Upper
278 100
139 10.2 8.0 12.0
279 23.0 19.8 29.6

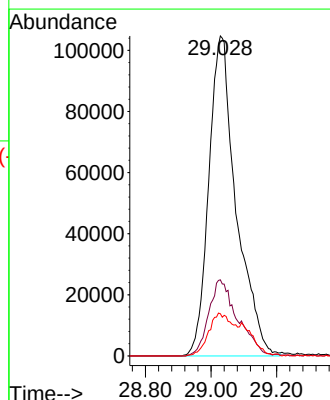
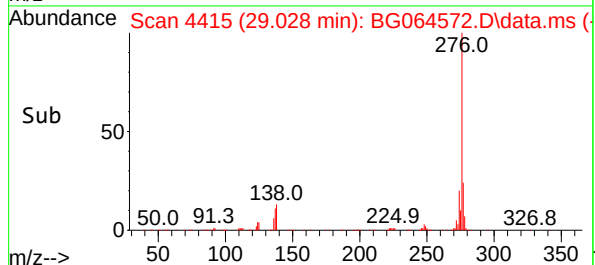
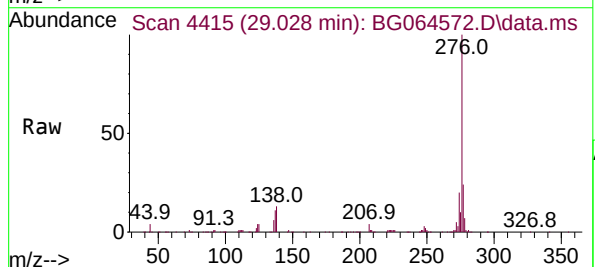
Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 19.163 ng
RT: 29.028 min Scan# 4415
Delta R.T. -0.032 min
Lab File: BG064572.D
Acq: 24 Oct 2025 12:23

Tgt Ion:276 Resp: 606702
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 13.2 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.530	93	191799	42.894	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.038	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.446	107	59910	44.231	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	44.243	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	72661m	41.457	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.611	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064573.D
 Acq On : 24 Oct 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46) 1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47) 2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48) 2-Nitroaniline	13.910	65	90958	39.303	ng	100
49) Acenaphthylene	14.568	152	466393	42.209	ng	100
50) Dimethylphthalate	14.286	163	428475	42.894	ng	100
51) 2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52) Acenaphthene	14.909	154	319250	42.289	ng	100
53) 3-Nitroaniline	14.727	138	76841	44.762	ng	100
54) 2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55) Dibenzofuran	15.238	168	512547	41.995	ng	100
56) 4-Nitrophenol	15.009	139	68064	42.765	ng	100
57) 2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58) Fluorene	15.884	166	399745	41.939	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60) Diethylphthalate	15.649	149	432571	42.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62) 4-Nitroaniline	15.884	138	85297	44.662	ng	100
63) Azobenzene	16.166	77	401676	42.922	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66) n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67) 4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68) Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69) Atrazine	17.024	200	153706	42.203	ng	100
70) Pentachlorophenol	17.224	266	112769	42.694	ng	100
71) Phenanthrene	17.624	178	728184	42.500	ng	100
72) Anthracene	17.712	178	743567	42.663	ng	100
73) Carbazole	17.970	167	646319	42.053	ng	100
74) Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75) Fluoranthene	19.615	202	902557	42.050	ng	100
77) Benzidine	19.780	184	325845	43.697	ng	100
78) Pyrene	19.974	202	939110	43.186	ng	100
80) Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81) Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82) 3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83) Chrysene	21.907	228	894813	42.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85) Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87) Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88) Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89) Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90) Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91) Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92) Benzo(g,h,i)perylene	29.040	276	1100259	42.624	ng	100

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

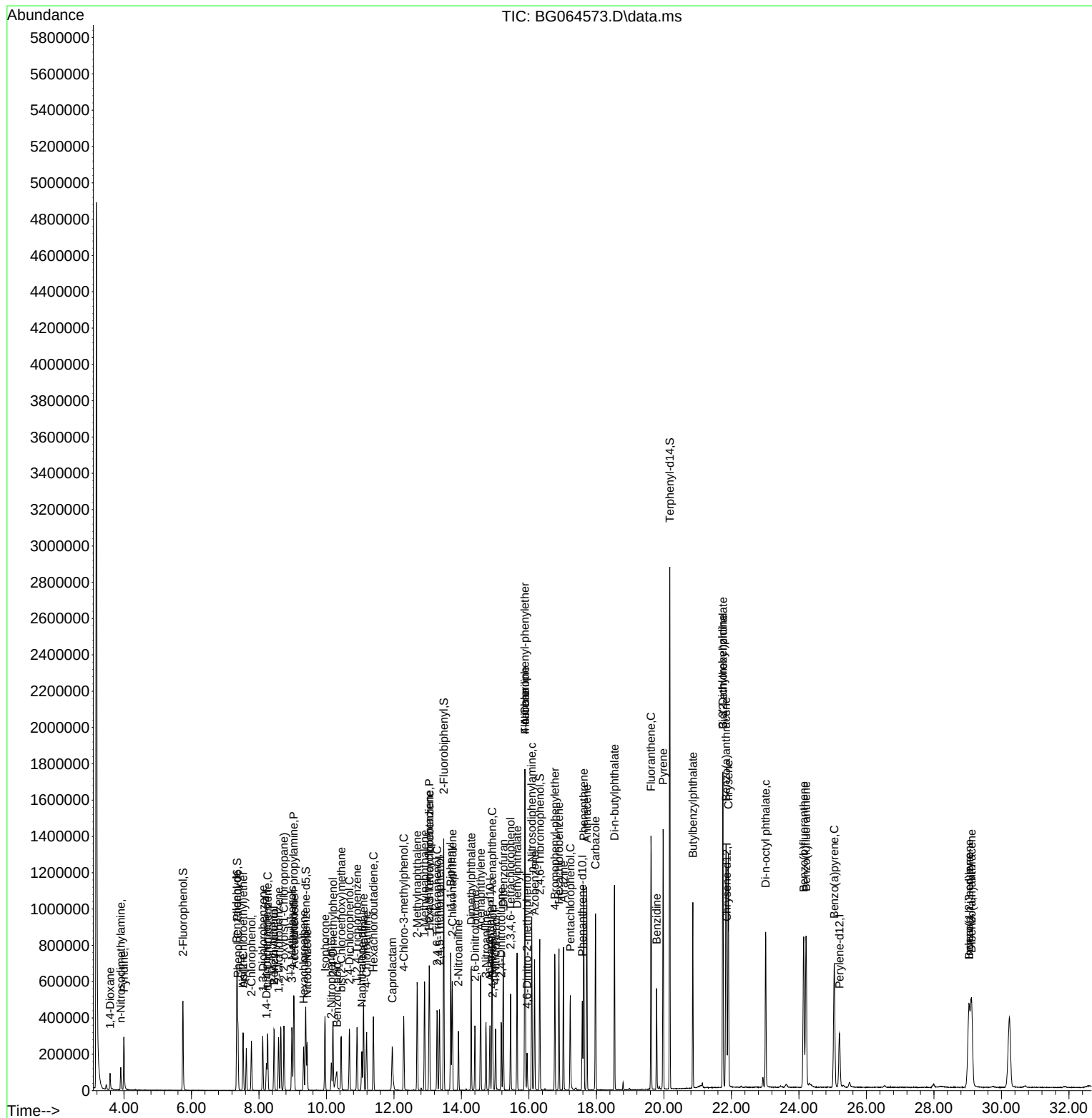
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Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTIDICC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

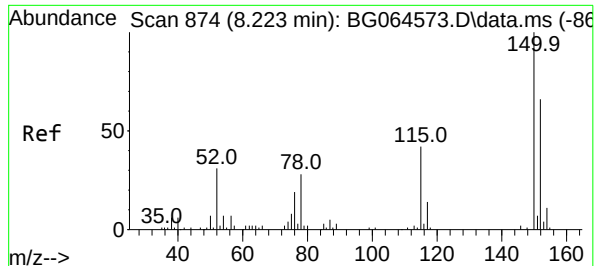
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

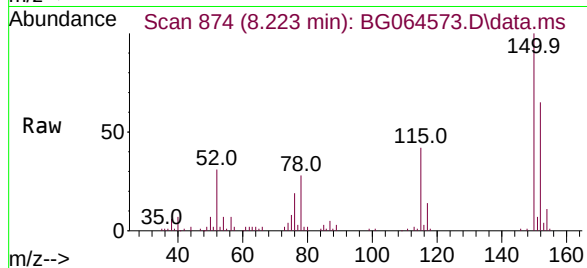
Quant Time: Oct 24 17:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

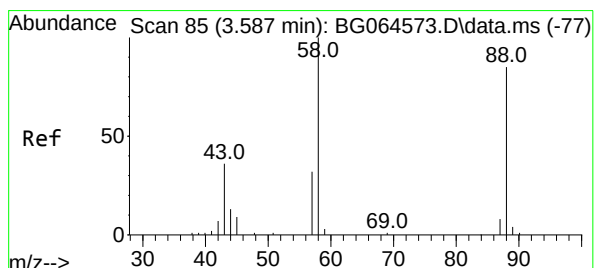
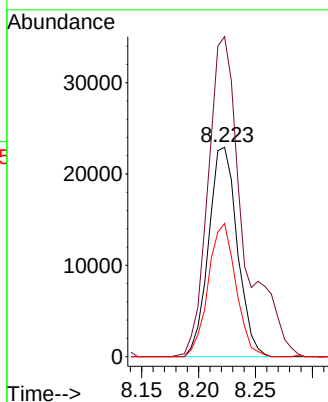
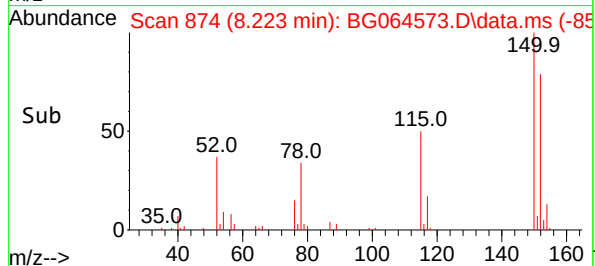
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 152 Resp: 40195
Ion Ratio Lower Upper
152 100
150 152.8 122.2 183.4
115 63.5 50.8 76.2

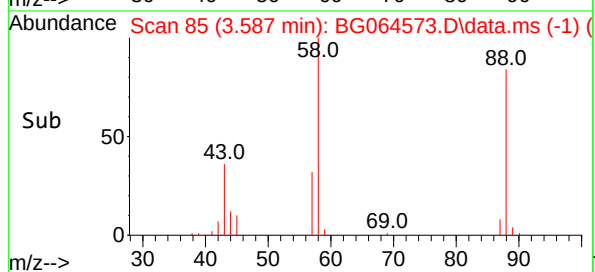
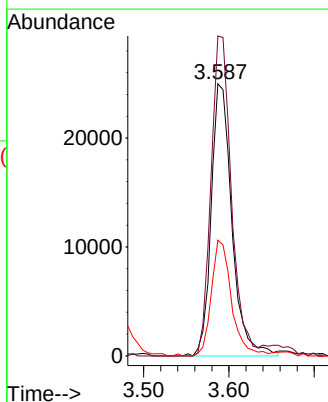
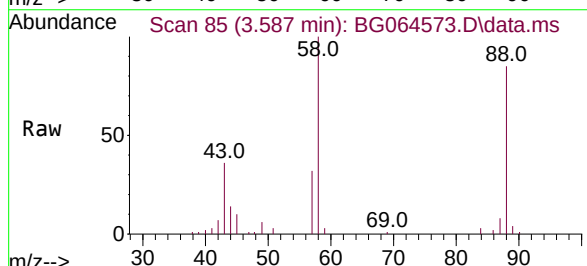
Manual Integrations
APPROVED

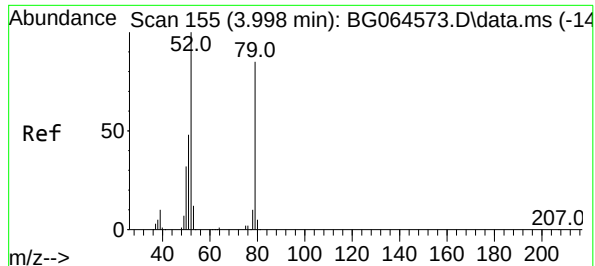
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 39.818 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

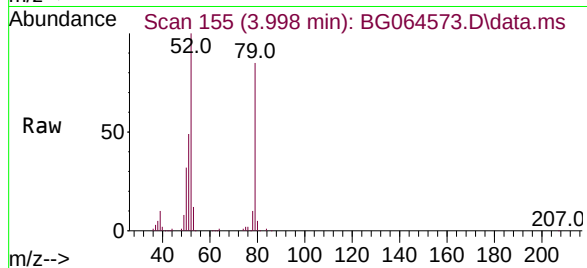
Tgt Ion: 88 Resp: 42215
Ion Ratio Lower Upper
88 100
58 115.5 92.4 138.6
43 41.3 33.0 49.6





#3
Pyridine
Concen: 42.136 ng
RT: 3.998 min Scan# 155
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

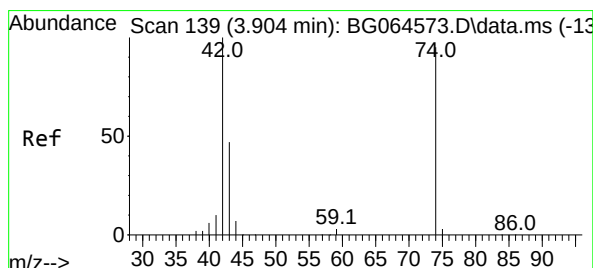
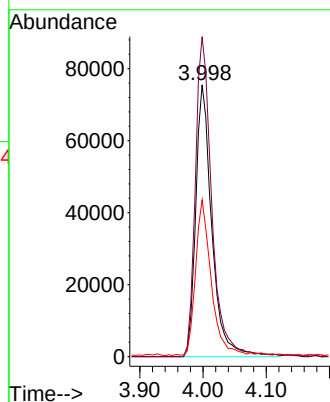
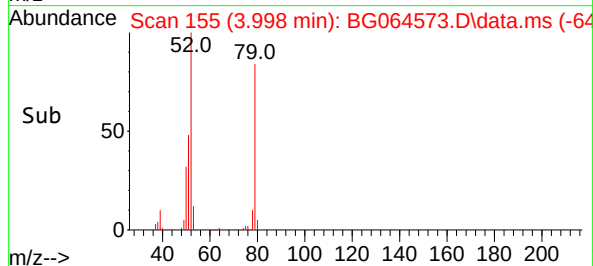
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 134153
Ion Ratio Lower Upper
79 100
52 117.7 94.2 141.2
51 57.6 46.1 69.1

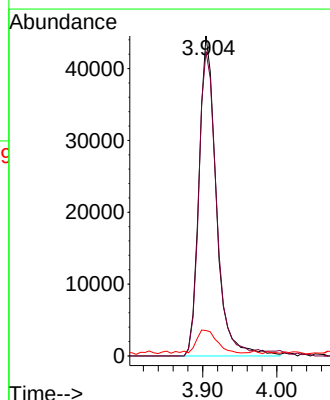
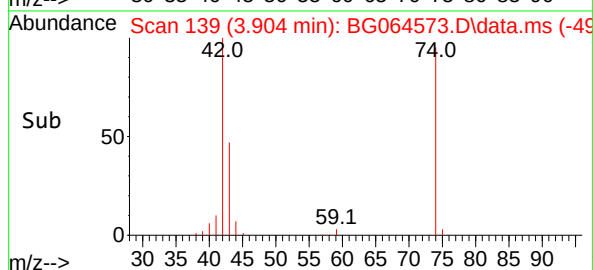
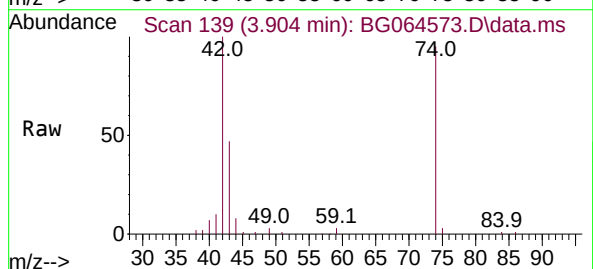
Manual Integrations
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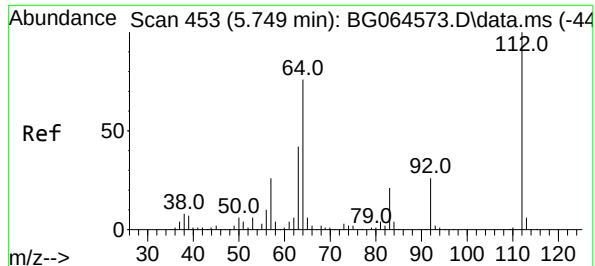
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#4
n-Nitrosodimethylamine
Concen: 42.385 ng
RT: 3.904 min Scan# 139
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

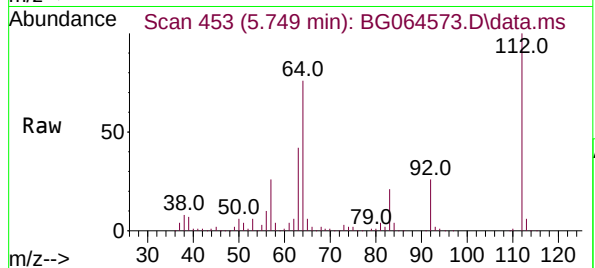
Tgt Ion: 42 Resp: 72367
Ion Ratio Lower Upper
42 100
74 95.1 76.1 114.1
44 7.9 6.3 9.5





#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

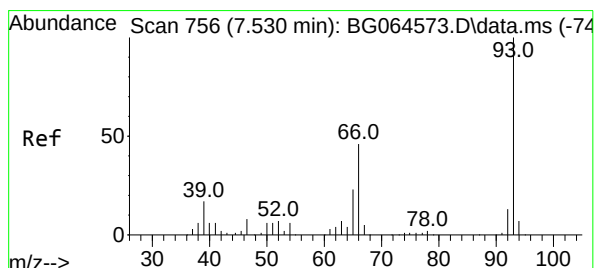
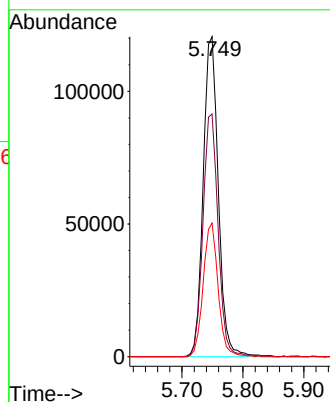
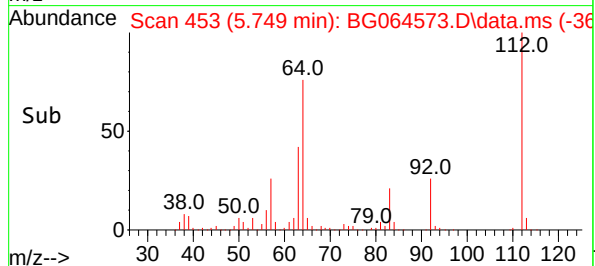
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 207807
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 41.7 33.4 50.0

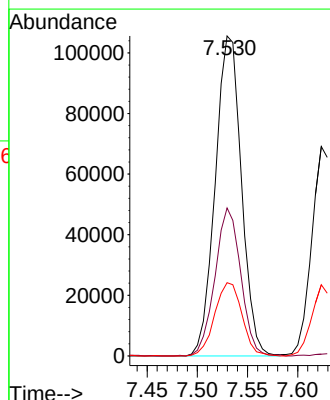
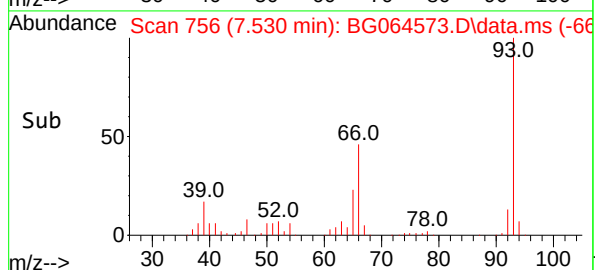
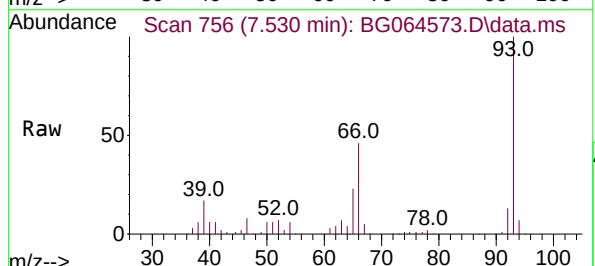
Manual Integrations
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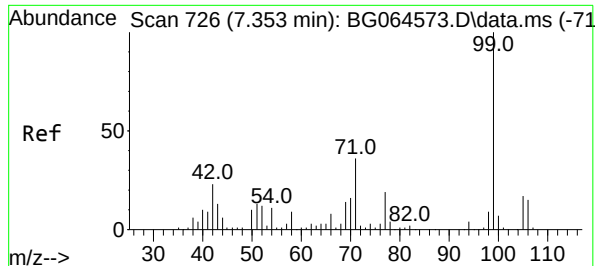
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 93 Resp: 191799
Ion Ratio Lower Upper
93 100
66 46.3 37.0 55.6
65 22.9 18.3 27.5





#7

Phenol-d6

Concen: 86.638 ng

RT: 7.353 min Scan# 726

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

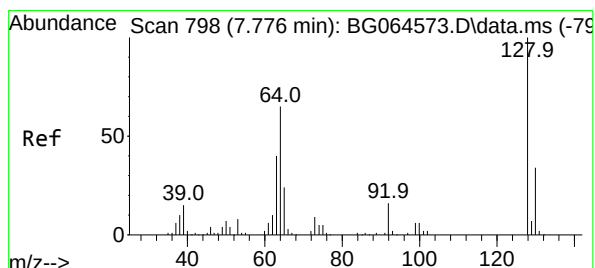
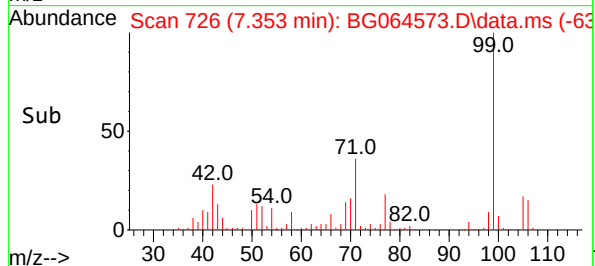
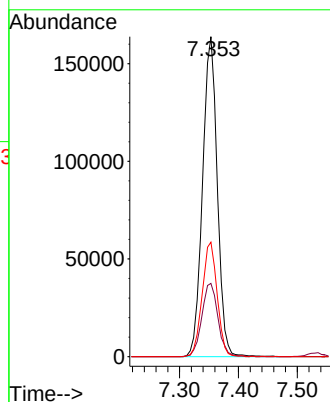
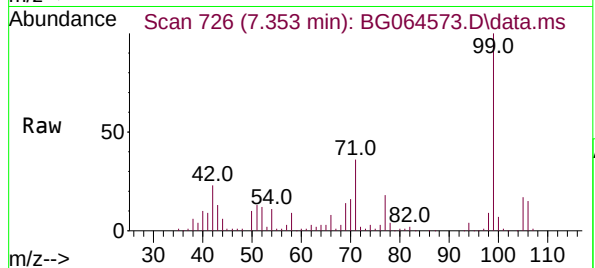
Tgt Ion:	99	Resp:	284694
Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.3	27.5
71	35.8	28.6	43.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#8

2-Chlorophenol

Concen: 44.051 ng

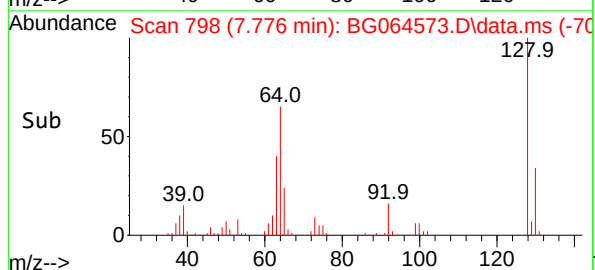
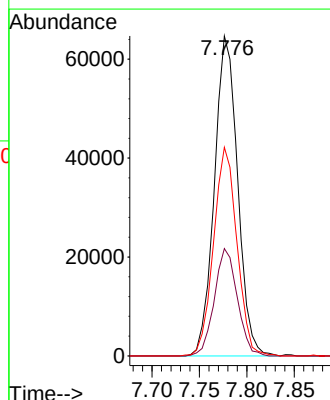
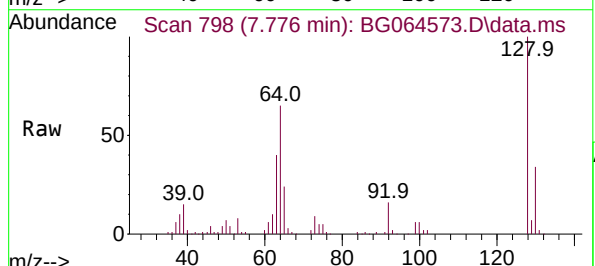
RT: 7.776 min Scan# 798

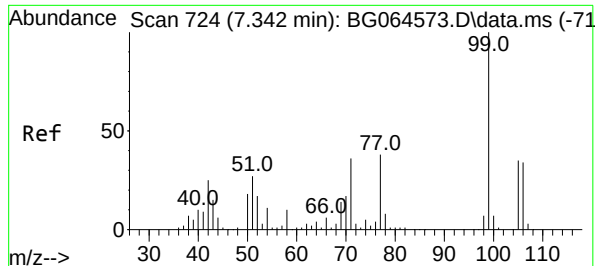
Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

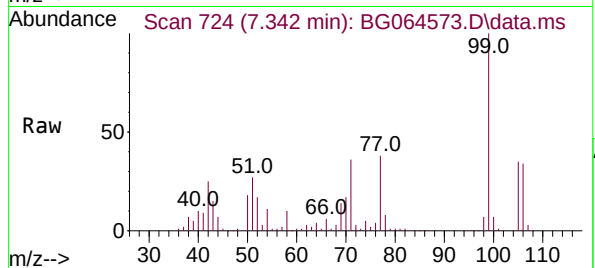
Tgt Ion:	128	Resp:	110414
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	65.2	45.2	85.2





#9
Benzaldehyde
Concen: 42.117 ng
RT: 7.342 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

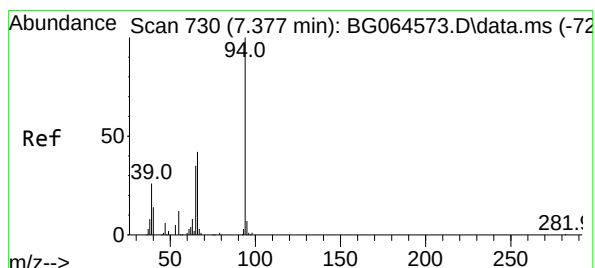
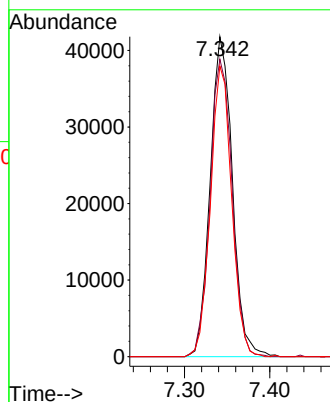
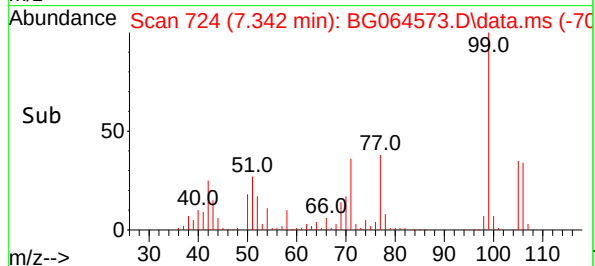
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 7555
Ion Ratio Lower Upper
77 100
105 92.9 72.9 112.9
106 90.8 70.8 110.8

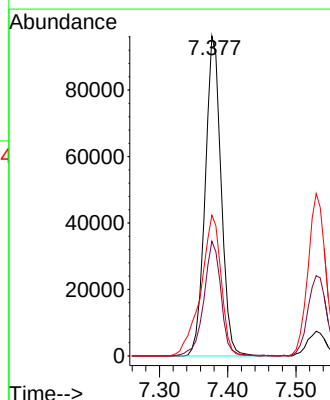
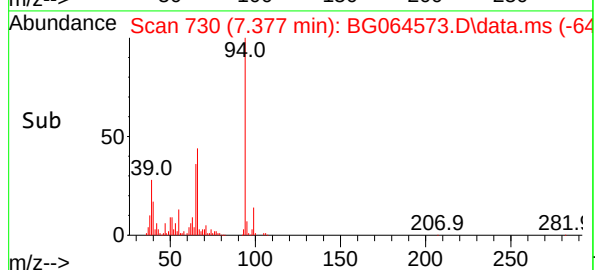
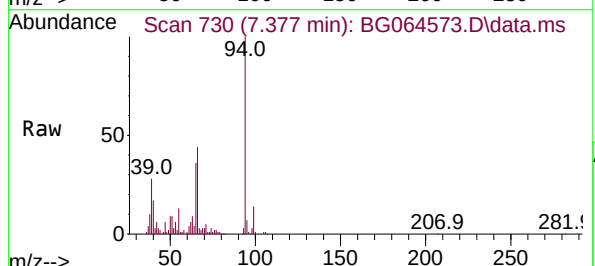
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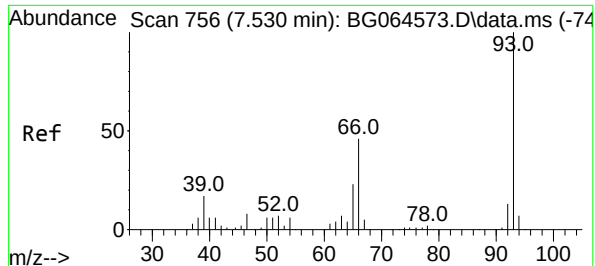
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#10
Phenol
Concen: 42.998 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.009 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 94 Resp: 156259
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 44.0 24.0 64.0





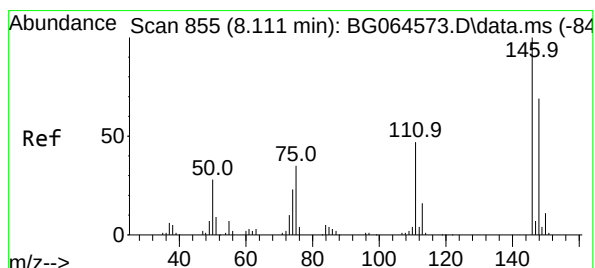
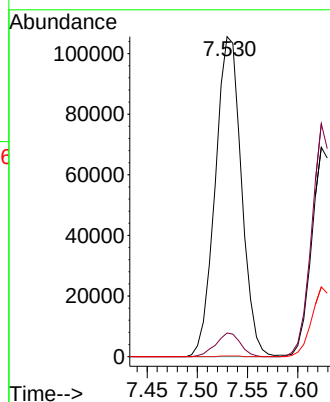
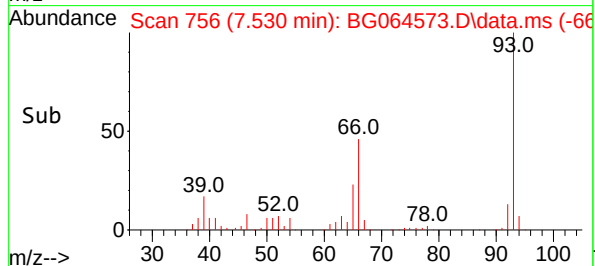
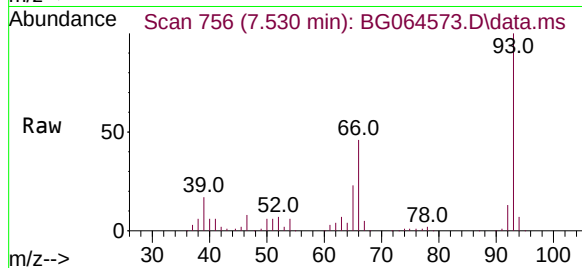
#11
bis(2-Chloroethyl)ether
Concen: 42.894 ng
RT: 7.530 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 191799
Ion Ratio Lower Upper
93 100
63 7.4 0.0 27.4
95 0.2 0.0 20.2

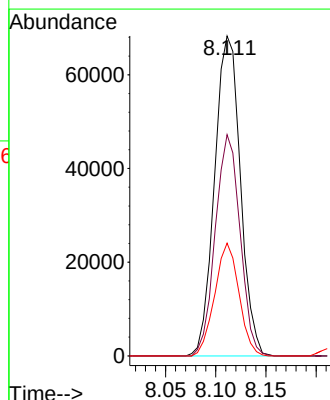
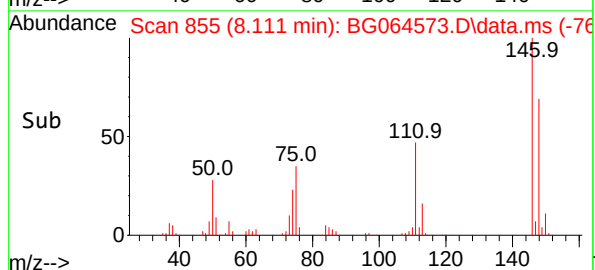
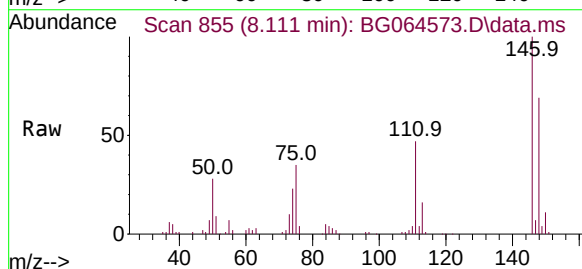
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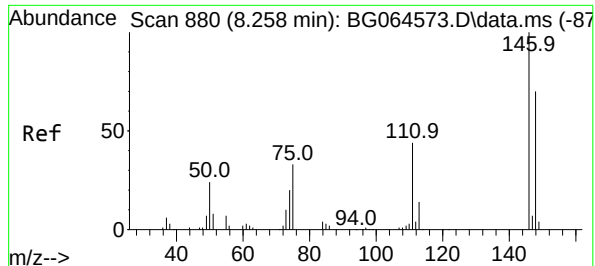
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 42.367 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:146 Resp: 122224
Ion Ratio Lower Upper
146 100
148 69.1 55.3 82.9
75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.038 ng

RT: 8.258 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 123314

Ion Ratio Lower Upper

146 100

148 70.3 56.2 84.4

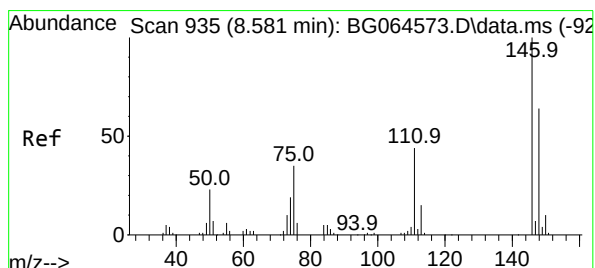
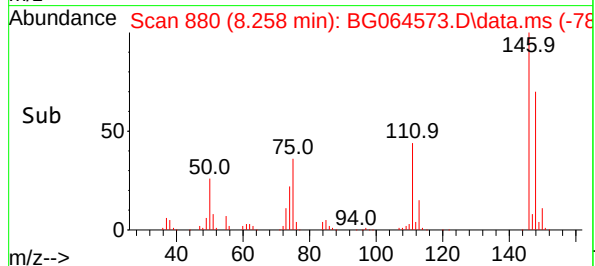
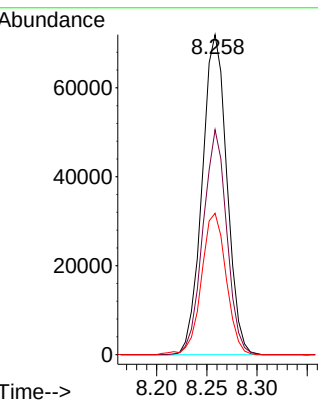
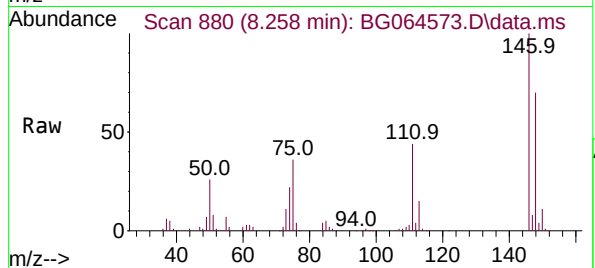
111 44.2 35.4 53.0

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#14

1,2-Dichlorobenzene

Concen: 42.140 ng

RT: 8.581 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

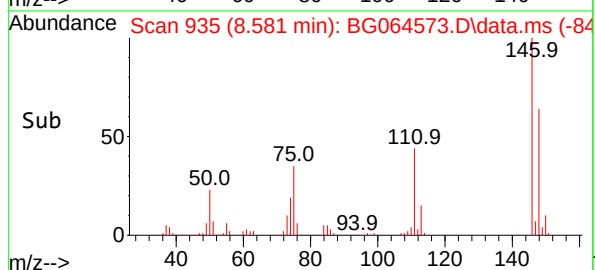
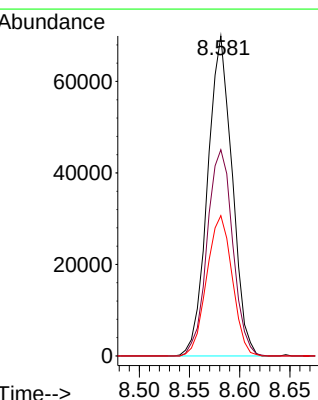
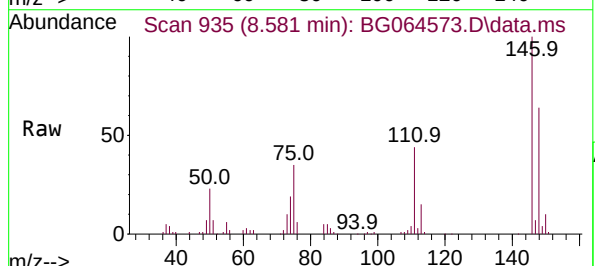
Tgt Ion:146 Resp: 119228

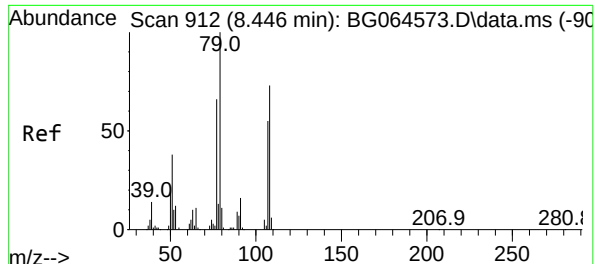
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

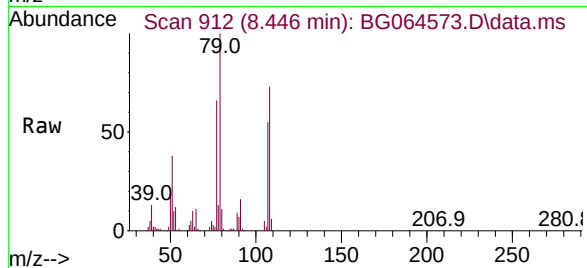
111 43.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.265 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

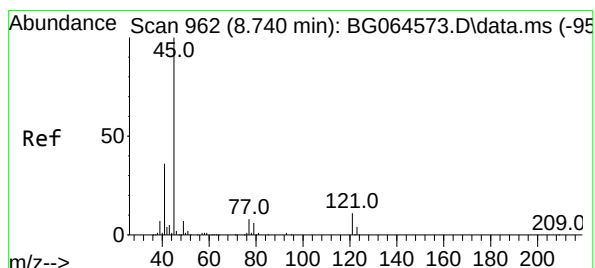
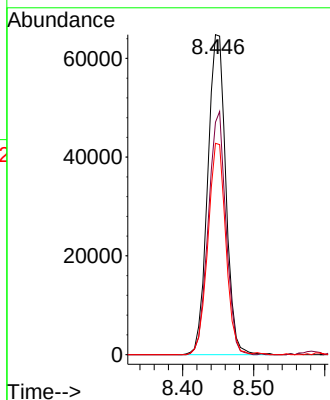
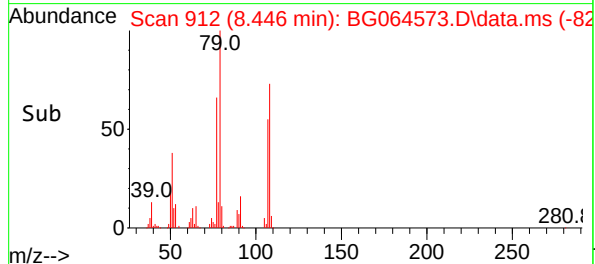
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 114526
Ion Ratio Lower Upper
79 100
108 72.6 58.1 87.1
77 66.0 52.8 79.2

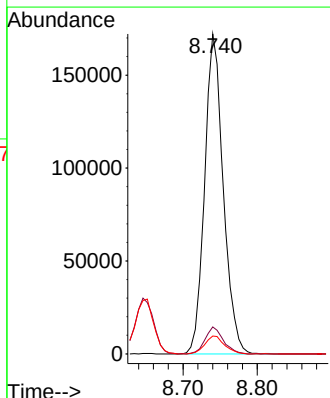
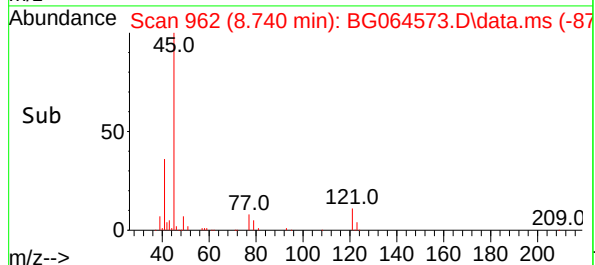
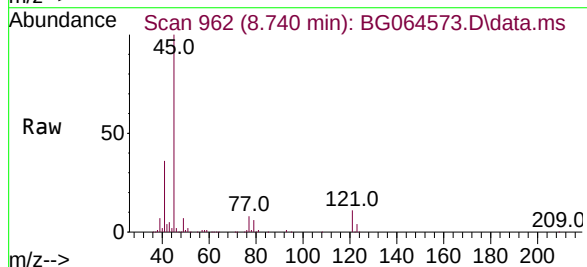
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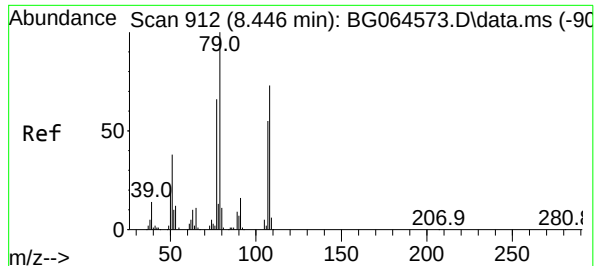
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.819 ng
RT: 8.740 min Scan# 962
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion: 45 Resp: 300095
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 5.6 0.0 25.6





#17

2-Methylphenol

Concen: 44.231 ng

RT: 8.446 min Scan# 912

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 59910

Ion Ratio Lower Upper

107 100

108 133.0 106.4 159.6

77 120.9 96.7 145.1

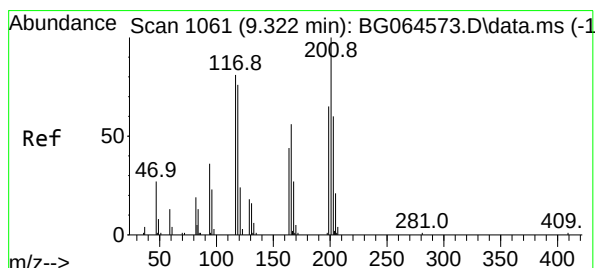
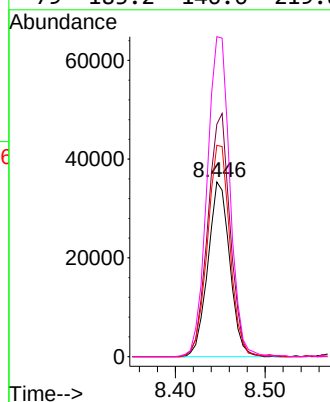
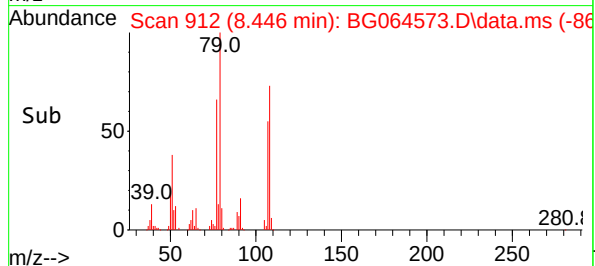
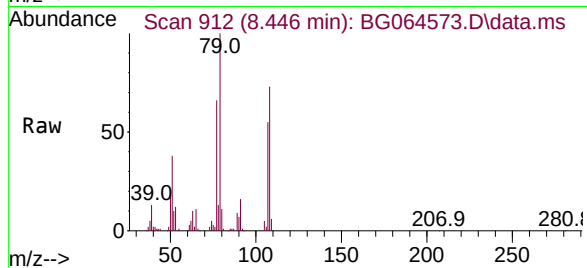
79 183.2 146.6 219.8

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Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 42.246 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

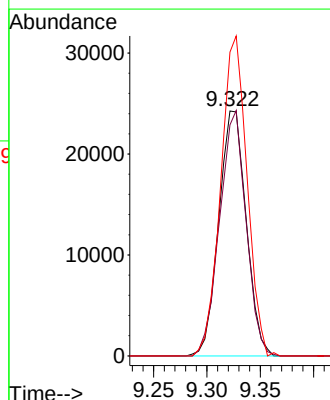
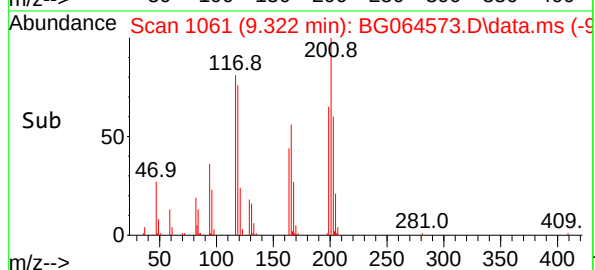
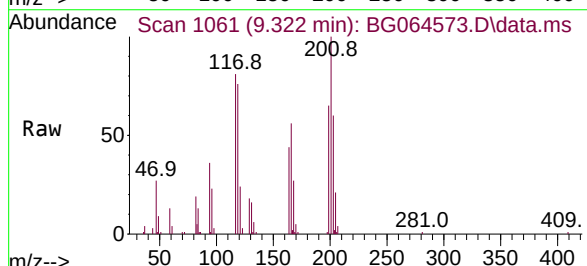
Tgt Ion:117 Resp: 43488

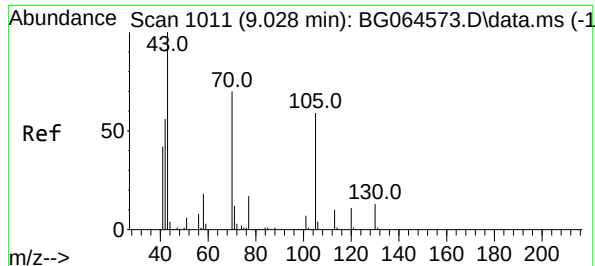
Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.2

201 124.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.438 ng

RT: 9.028 min Scan# 1011

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 9864

Ion Ratio Lower Upper

70 100

42 81.5 65.2 97.8

101 9.9 7.9 11.9

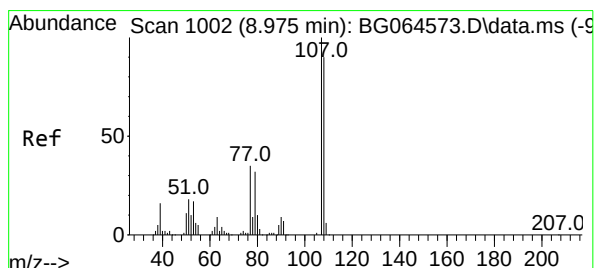
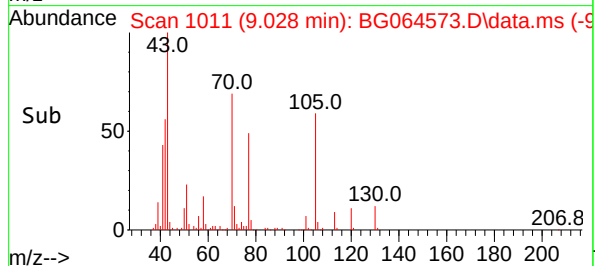
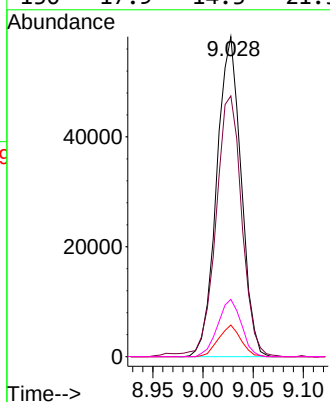
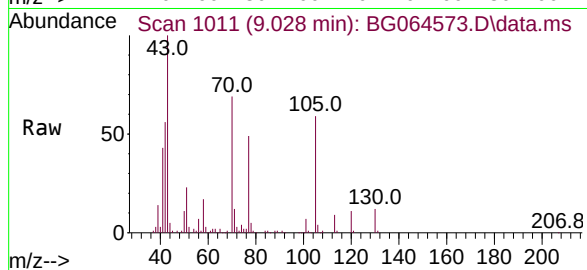
130 17.9 14.3 21.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 43.080 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.009 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:107 Resp: 146177

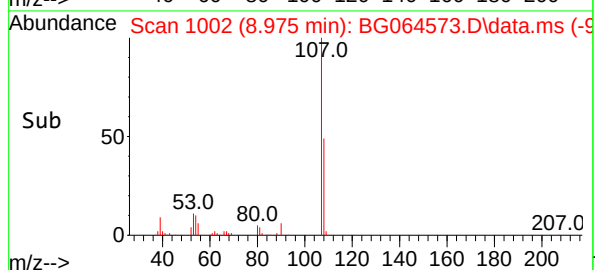
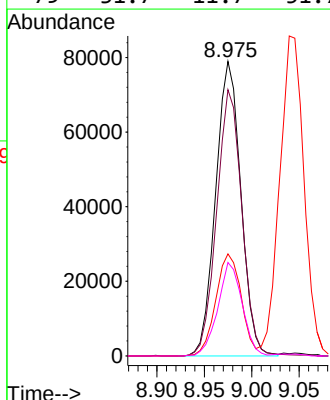
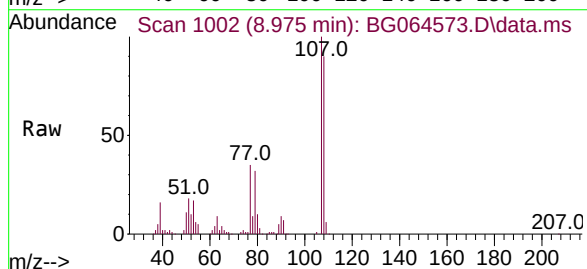
Ion Ratio Lower Upper

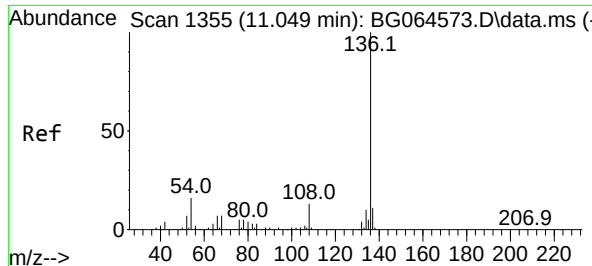
107 100

108 90.3 70.3 110.3

77 34.6 14.6 54.6

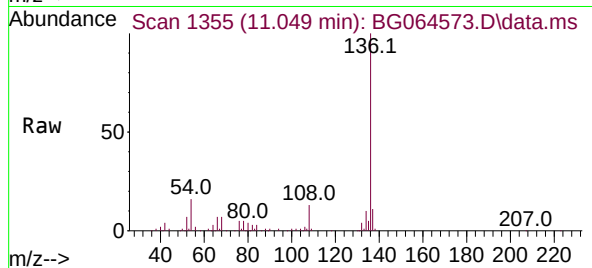
79 31.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

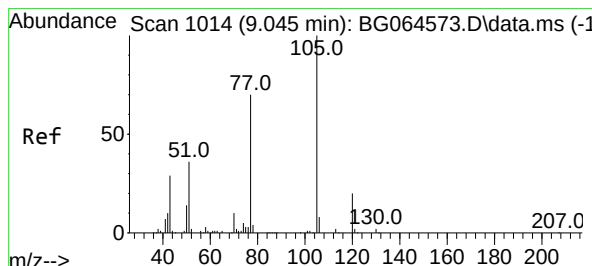
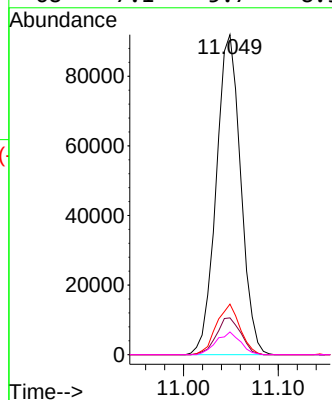
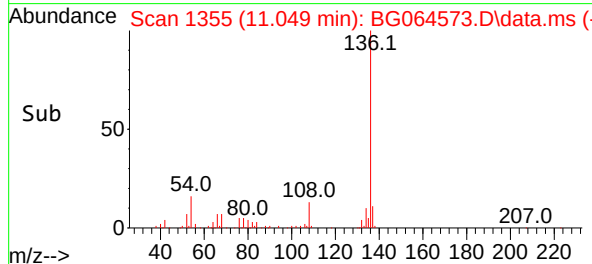
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 164795
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 15.8 12.6 19.0
68 7.1 5.7 8.5

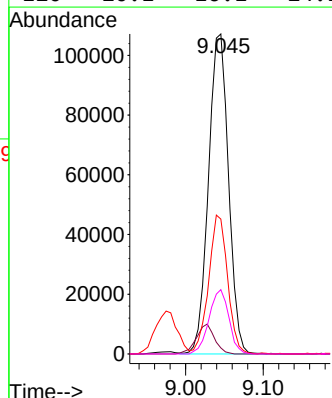
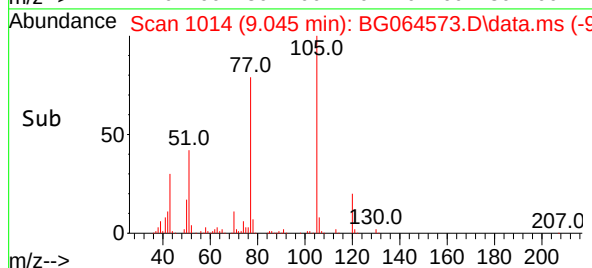
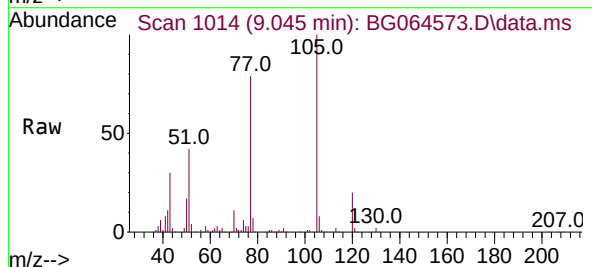
Manual Integrations
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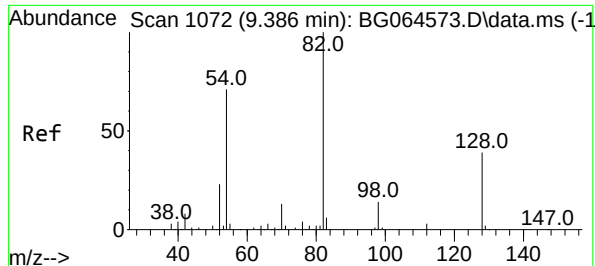
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 42.750 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:105 Resp: 192583
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 42.1 33.7 50.5
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 90.513 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 24834

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

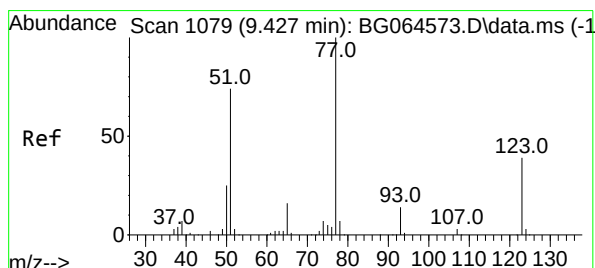
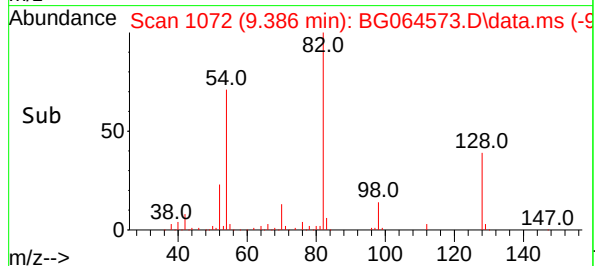
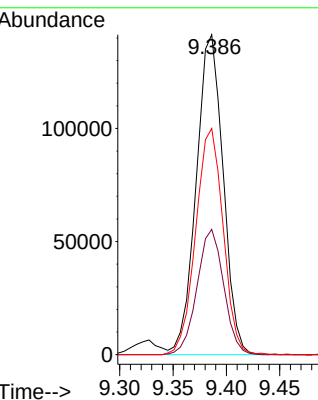
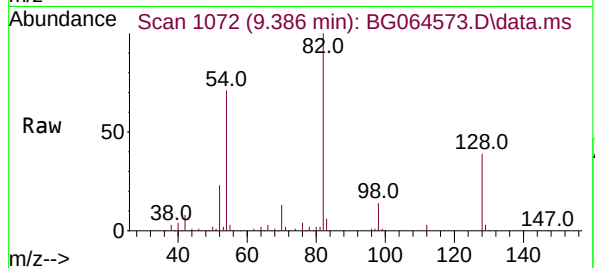
54 70.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 45.274 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

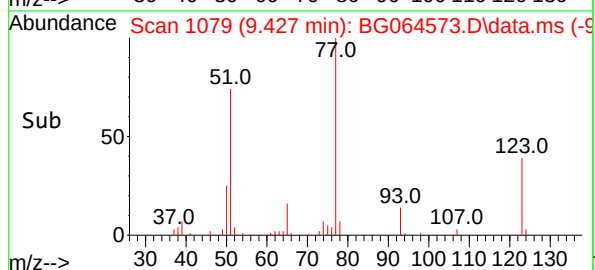
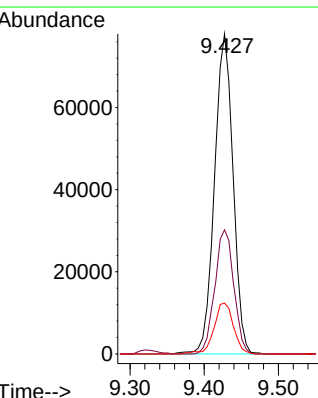
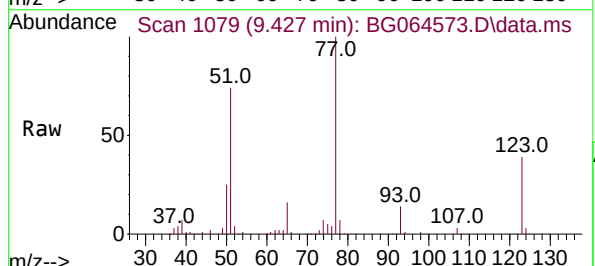
Tgt Ion: 77 Resp: 135107

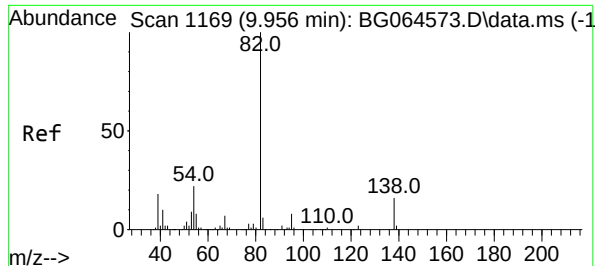
Ion Ratio Lower Upper

77 100

123 38.8 31.0 46.6

65 15.9 12.7 19.1





#25

Isophorone

Concen: 43.507 ng

RT: 9.956 min Scan# 1169

Delta R.T. -0.010 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

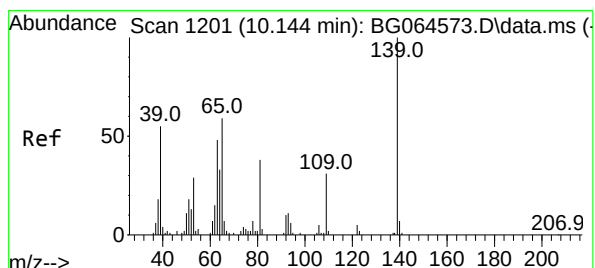
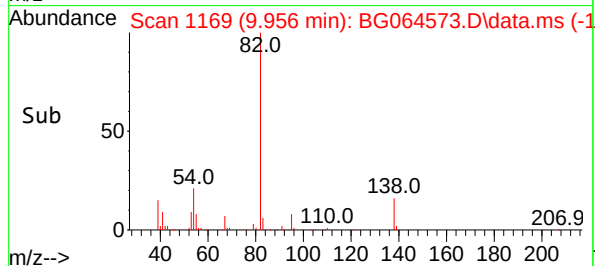
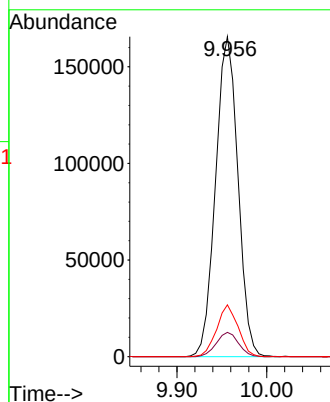
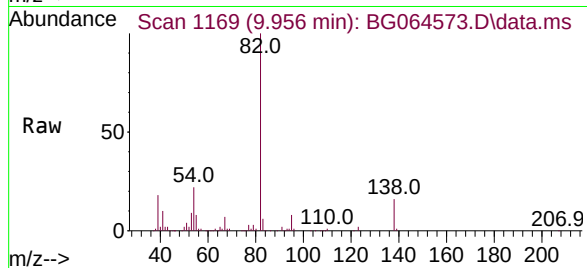
Tgt Ion:	82	Resp:	286439
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	16.2	13.0	19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#26

2-Nitrophenol

Concen: 39.772 ng

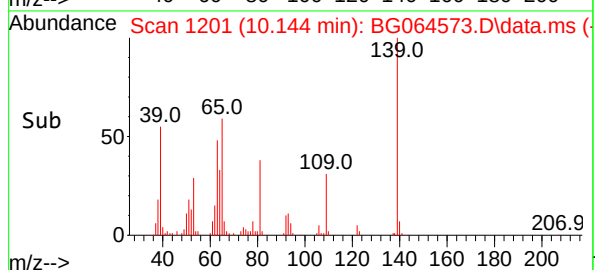
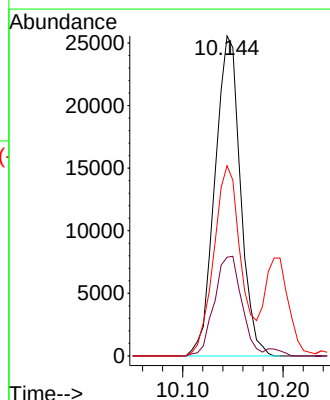
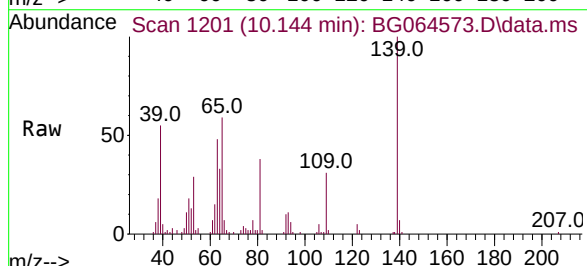
RT: 10.144 min Scan# 1201

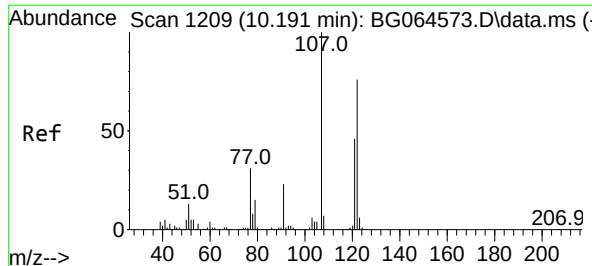
Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:	139	Resp:	45134
Ion	Ratio	Lower	Upper
139	100		
109	30.8	24.6	37.0
65	59.4	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 44.243 ng

RT: 10.191 min Scan# 1209

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 110518

Ion Ratio Lower Upper

122 100

107 128.7 103.0 154.4

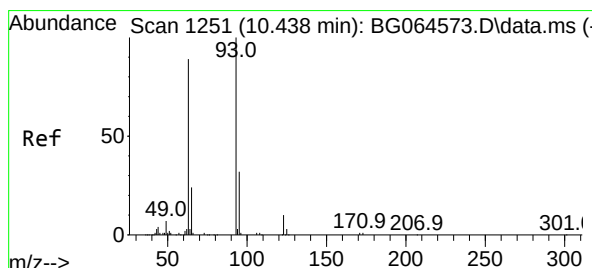
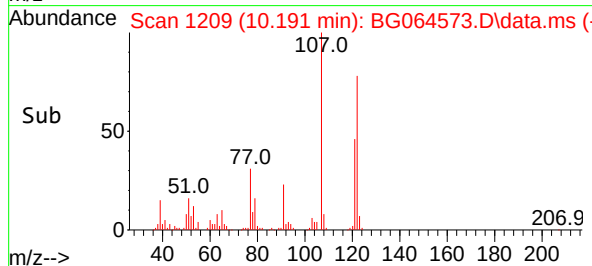
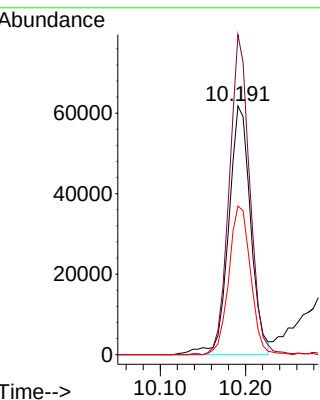
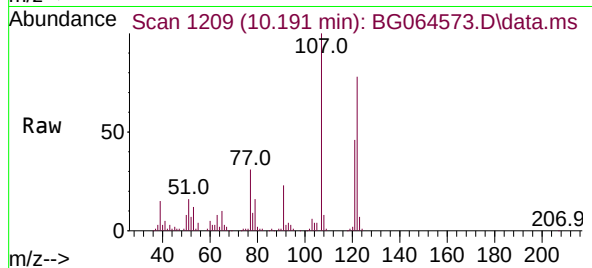
121 59.8 47.8 71.8

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.070 ng

RT: 10.438 min Scan# 1251

Delta R.T. 0.002 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

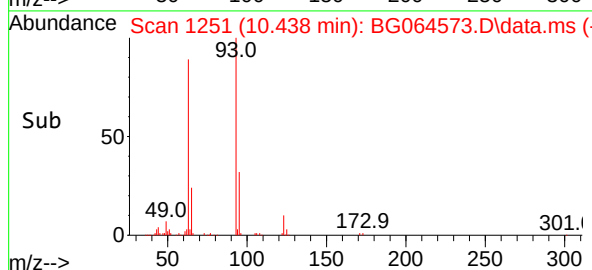
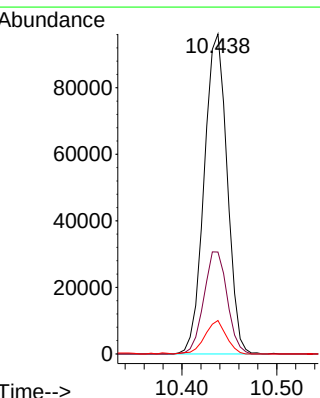
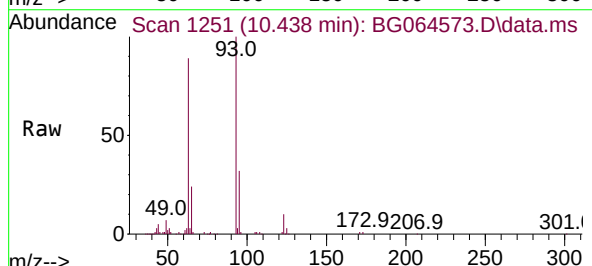
Tgt Ion: 93 Resp: 161449

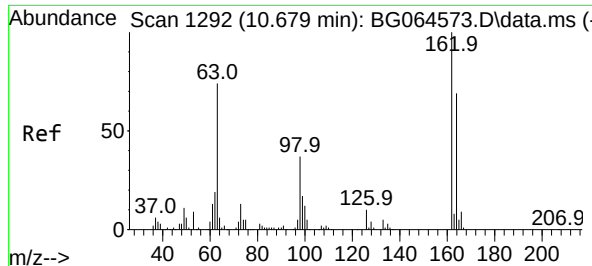
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.026 ng

RT: 10.679 min Scan# 1292

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 118669

Ion Ratio Lower Upper

162 100

164 68.7 48.7 88.7

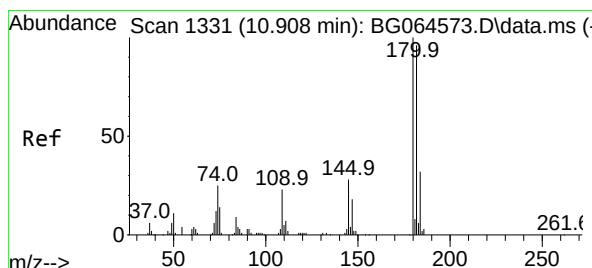
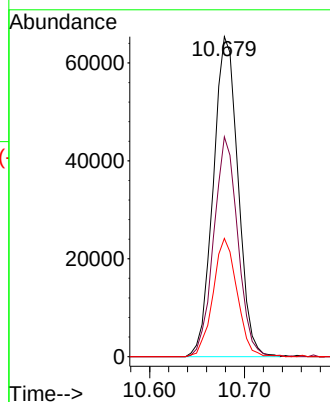
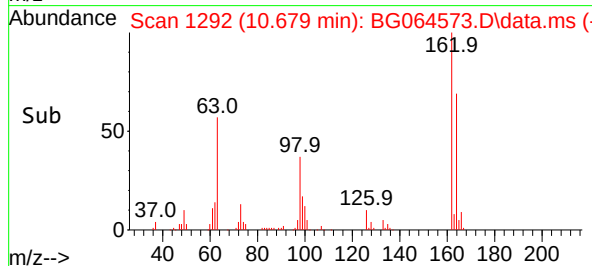
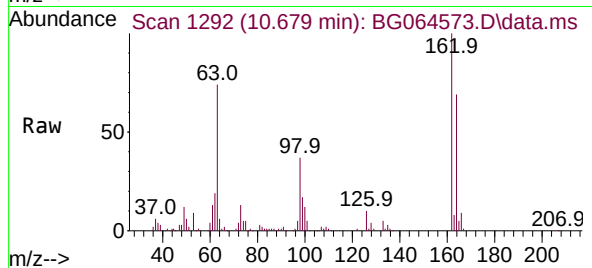
98 36.9 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.046 ng

RT: 10.908 min Scan# 1331

Delta R.T. 0.002 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

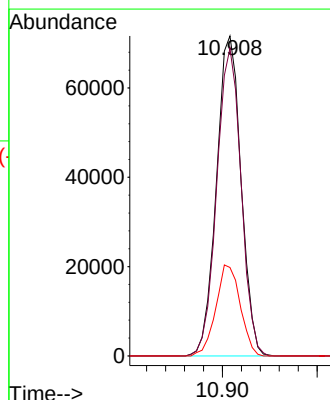
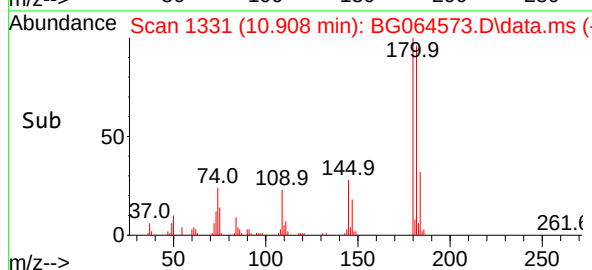
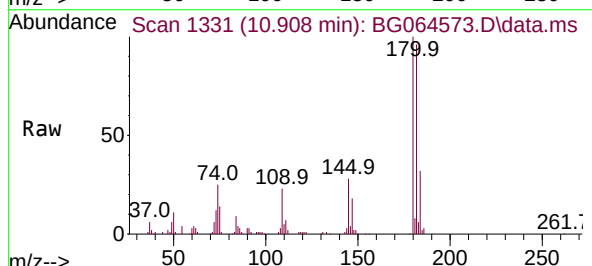
Tgt Ion:180 Resp: 128902

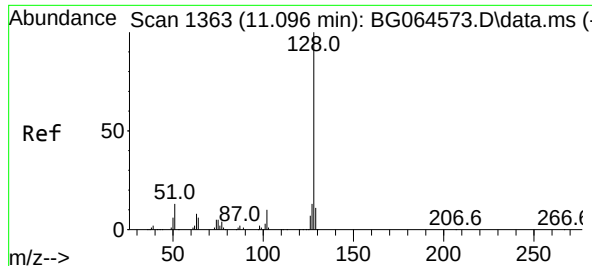
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

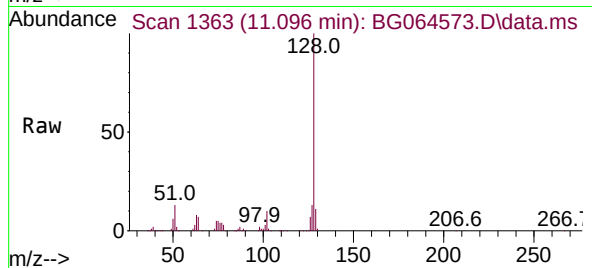
145 27.6 22.1 33.1





#31
Naphthalene
Concen: 42.469 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

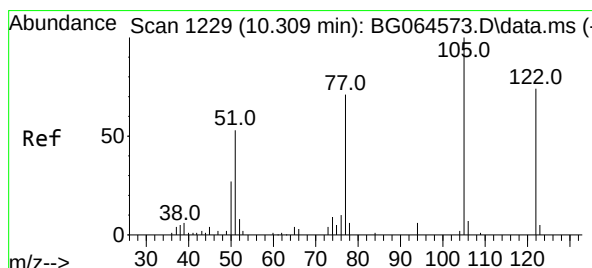
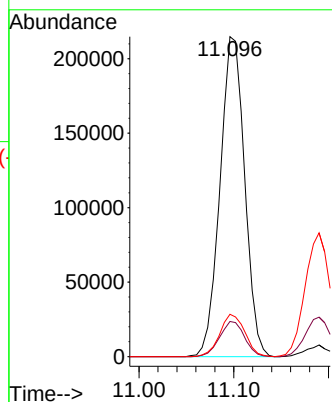
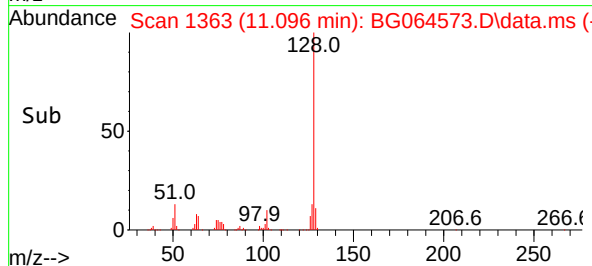
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 388032
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

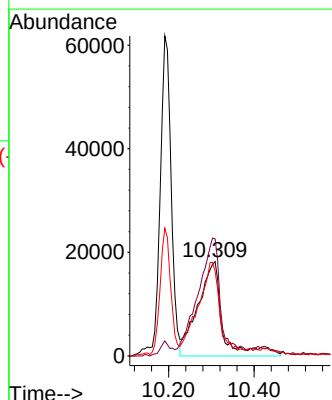
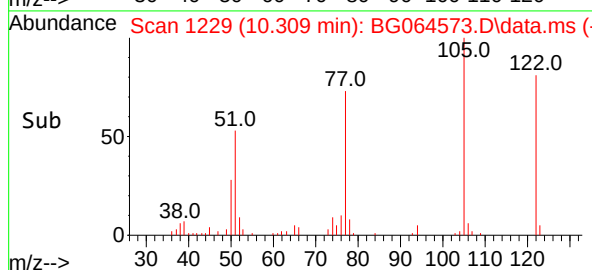
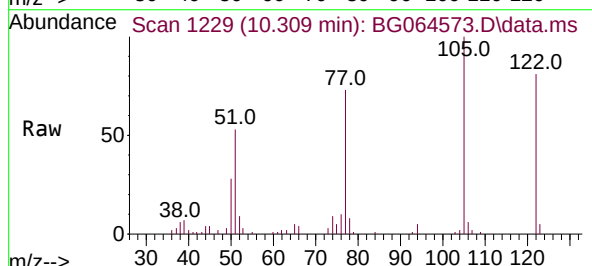
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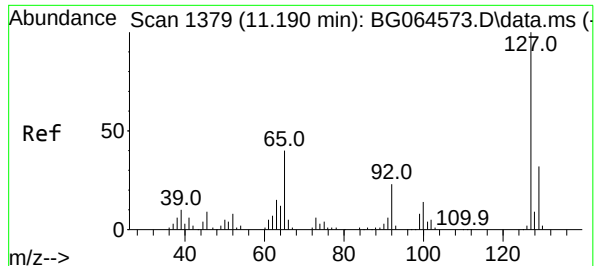
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 41.457 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.033 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

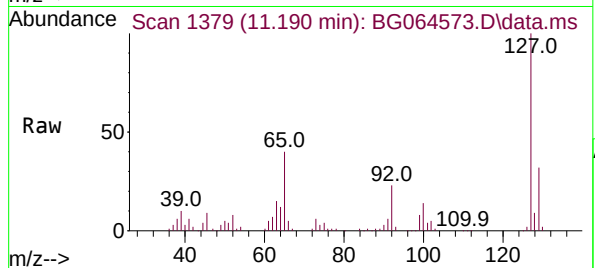
Tgt Ion:122 Resp: 72661
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 90.2 70.2 110.2





#33
4-Chloroaniline
Concen: 42.585 ng
RT: 11.190 min Scan# 1379
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

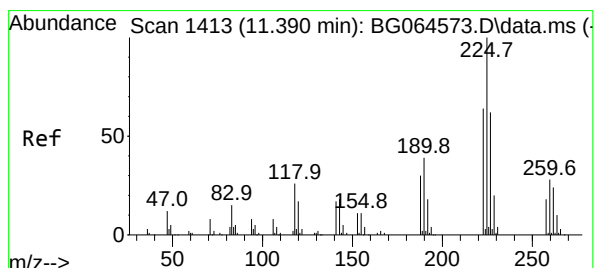
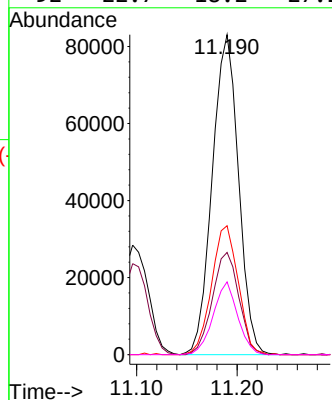
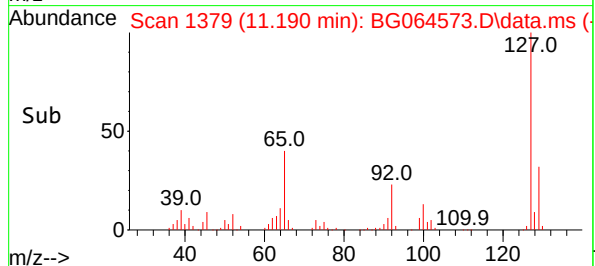
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 151231
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 40.3 32.2 48.4
92 22.7 18.2 27.2

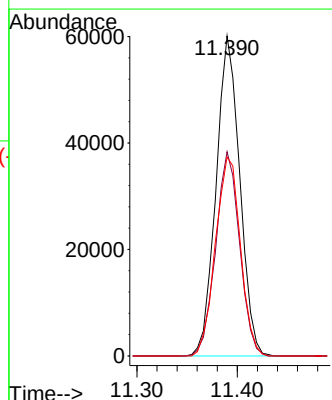
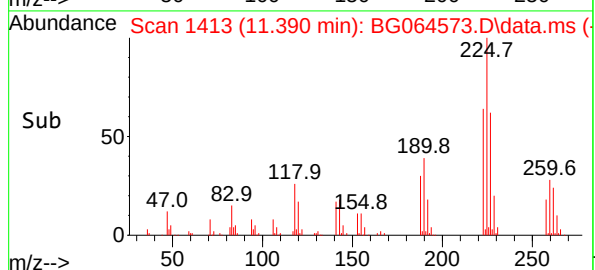
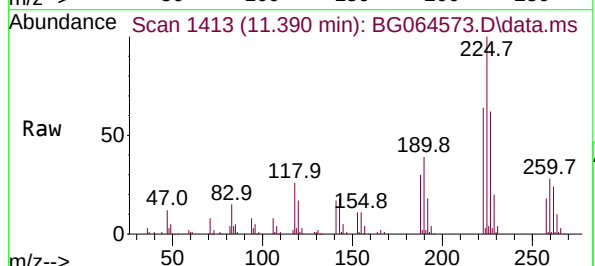
Manual Integrations
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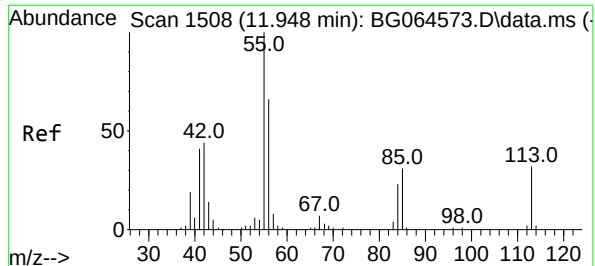
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#34
Hexachlorobutadiene
Concen: 42.139 ng
RT: 11.390 min Scan# 1413
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

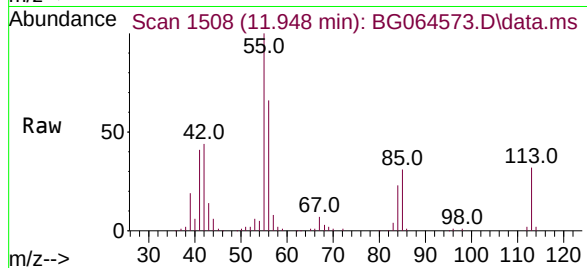
Tgt Ion:225 Resp: 98683
Ion Ratio Lower Upper
225 100
223 61.0 48.8 73.2
227 61.9 49.5 74.3





#35
Caprolactam
Concen: 43.731 ng
RT: 11.948 min Scan# 1508
Delta R.T. -0.027 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

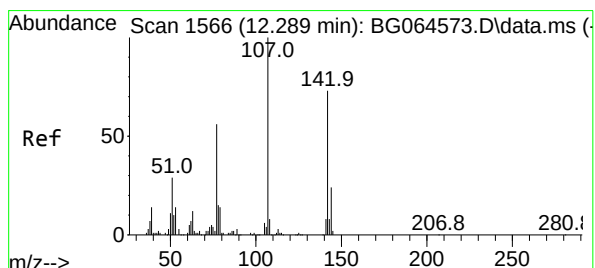
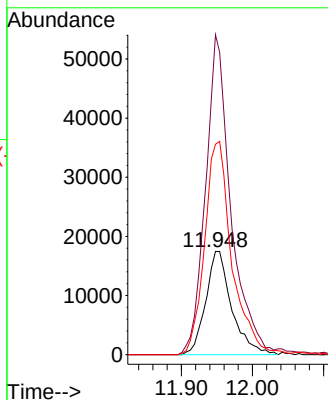
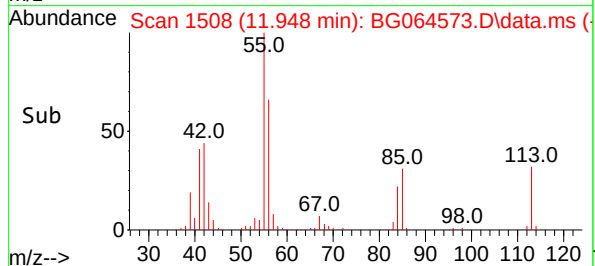
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 44205
Ion Ratio Lower Upper
113 100
55 310.1 290.1 330.1
56 203.8 183.8 223.8

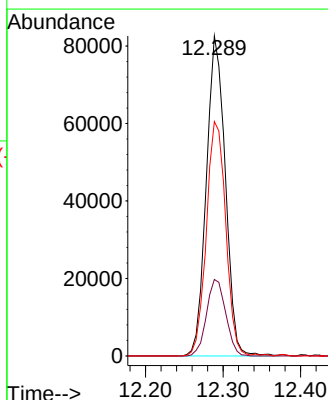
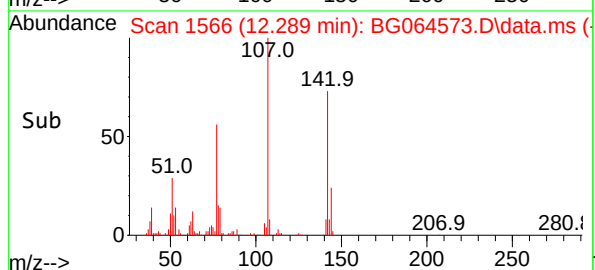
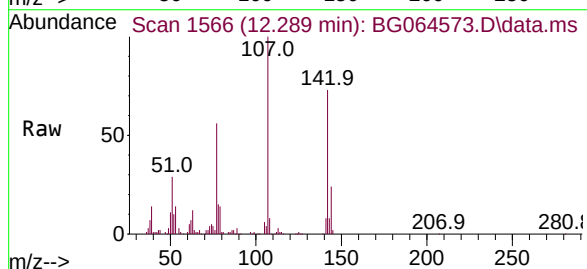
Manual Integrations
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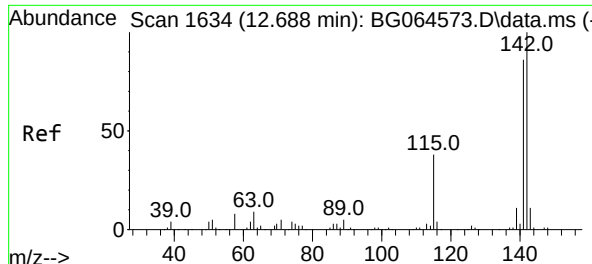
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#36
4-Chloro-3-methylphenol
Concen: 44.278 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.009 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

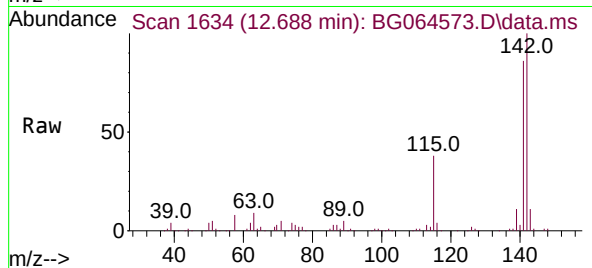
Tgt Ion:107 Resp: 140272
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.499 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

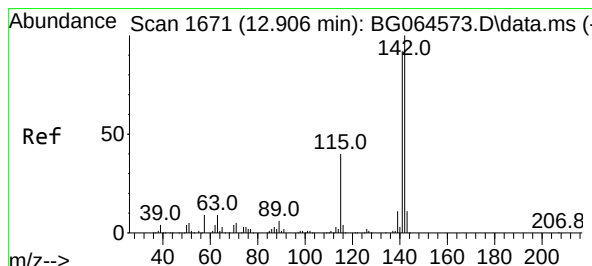
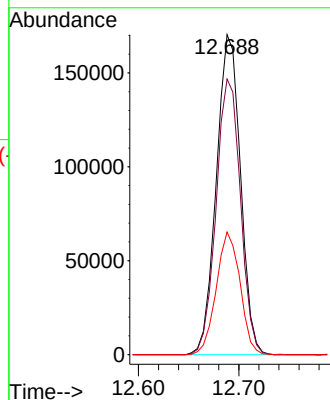
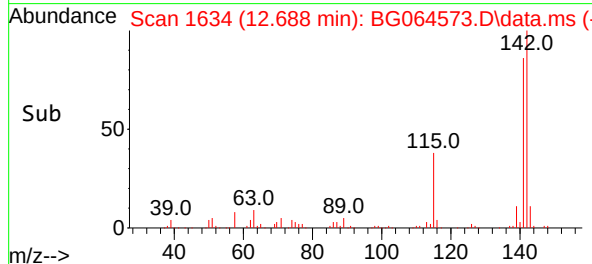
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



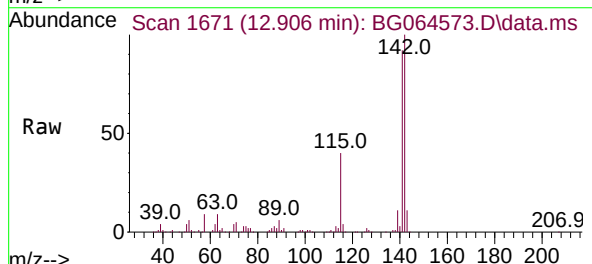
Tgt Ion:142 Resp: 285089
Ion Ratio Lower Upper
142 100
141 86.1 68.9 103.3
115 38.3 30.6 46.0

Manual Integrations
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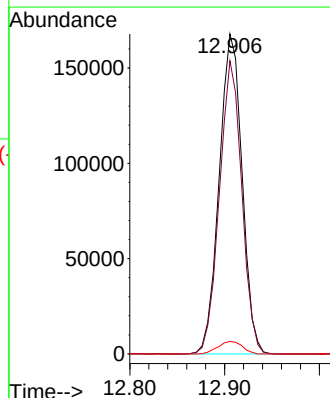
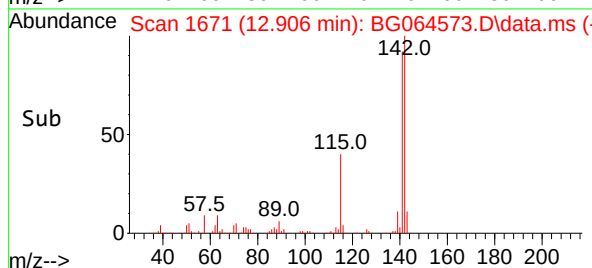
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

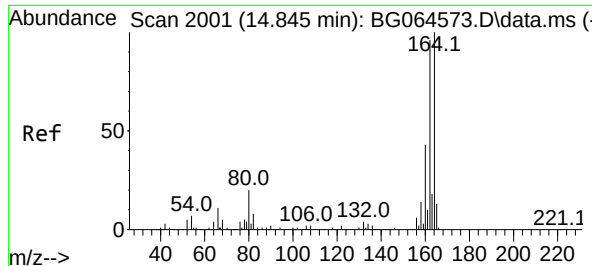


#38
1-Methylnaphthalene
Concen: 42.611 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



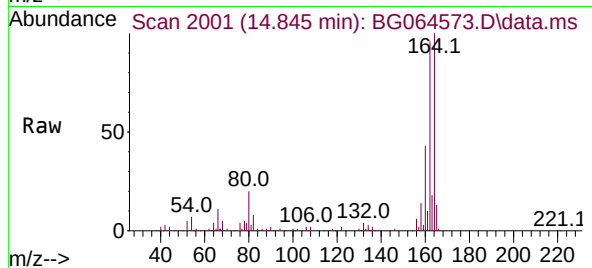
Tgt Ion:142 Resp: 281256
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

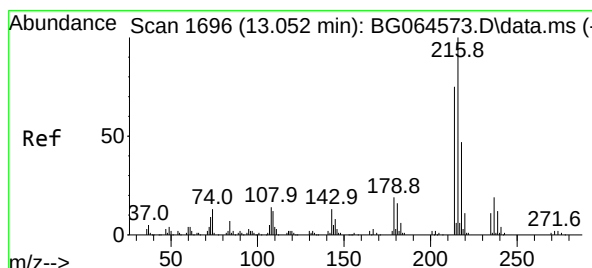
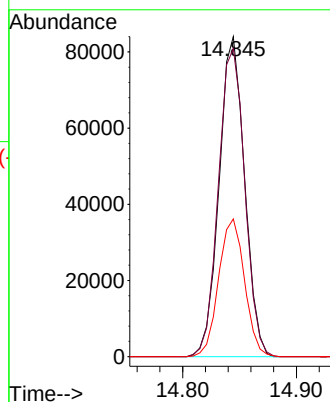
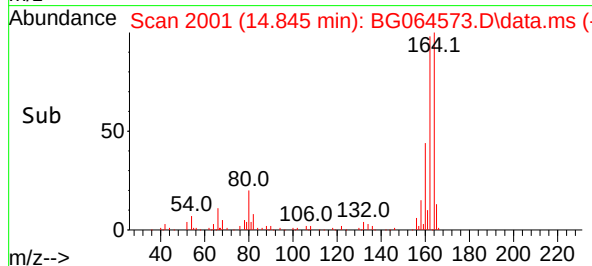
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 130542
Ion Ratio Lower Upper
164 100
162 96.3 77.0 115.6
160 43.0 34.4 51.6

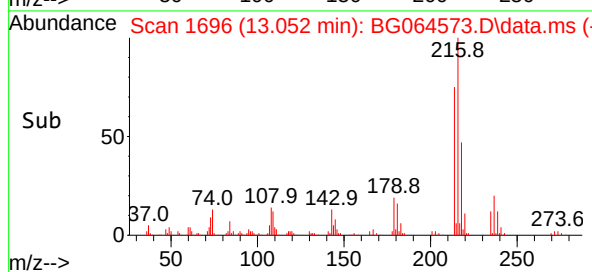
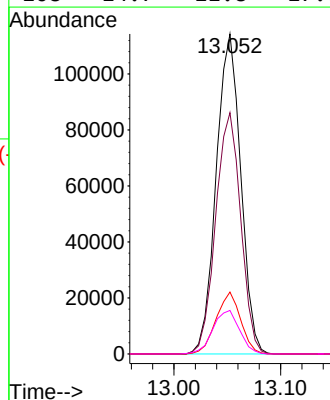
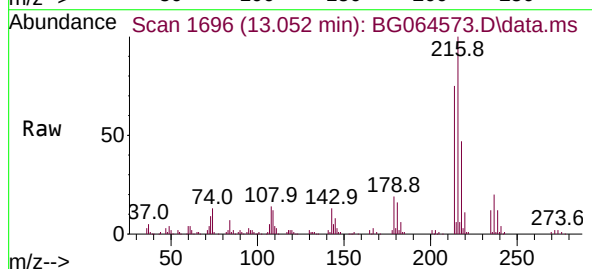
Manual Integrations
APPROVED

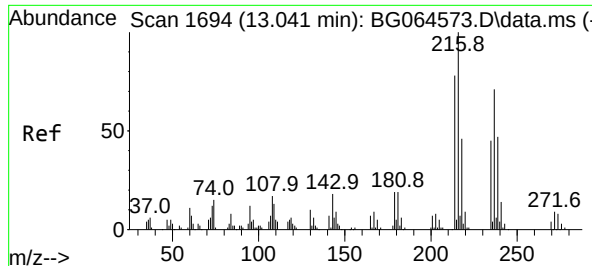
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 13.052 min Scan# 1696
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

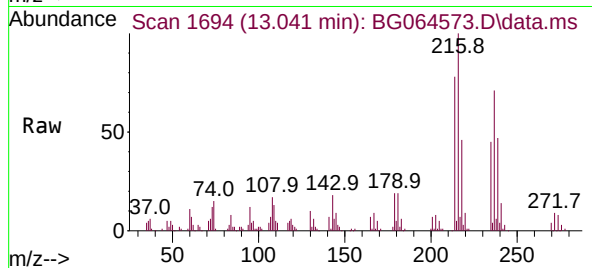
Tgt Ion:216 Resp: 183376
Ion Ratio Lower Upper
216 100
214 76.8 61.4 92.2
179 19.2 15.4 23.0
108 14.7 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 13.041 min Scan# 1694
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

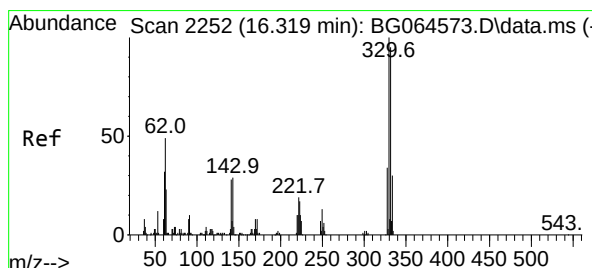
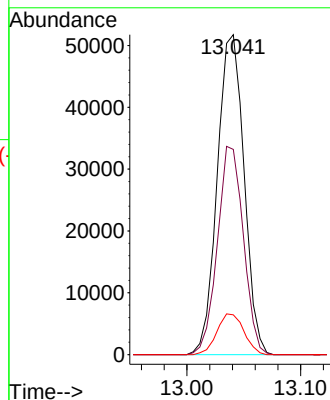
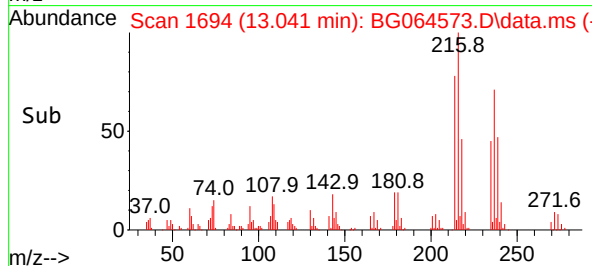
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:237 Resp: 84505
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 12.4 0.0 32.4

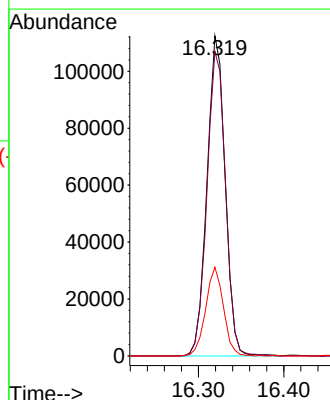
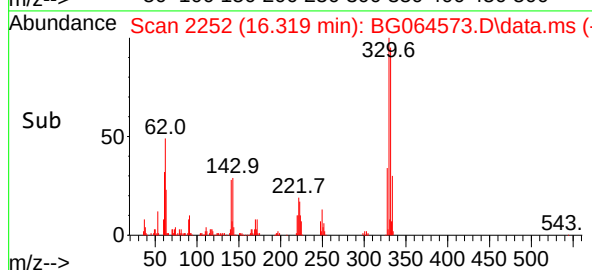
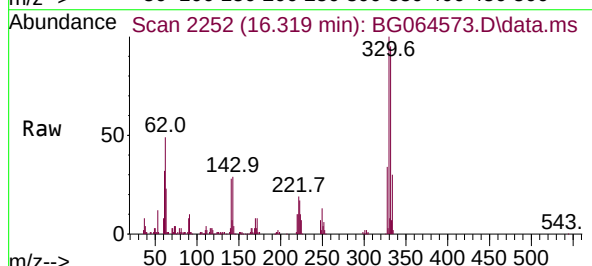
Manual Integrations
APPROVED

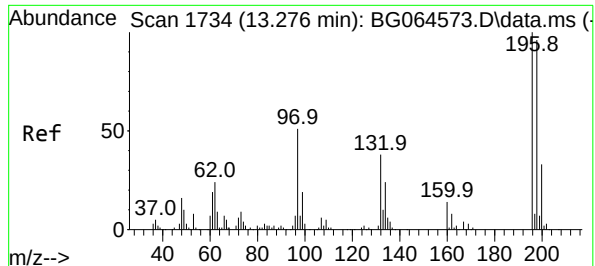
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:330 Resp: 165976
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.2 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 44.097 ng

RT: 13.276 min Scan# 1734

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 110509

Ion Ratio Lower Upper

196 100

198 95.8 76.6 115.0

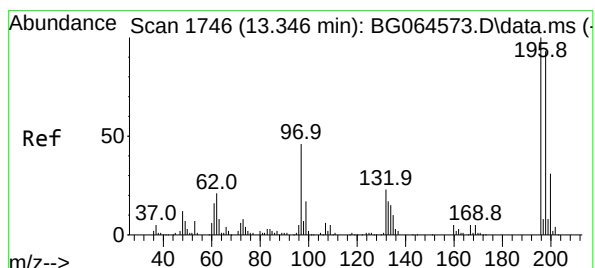
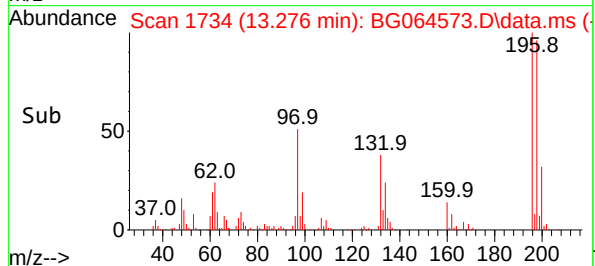
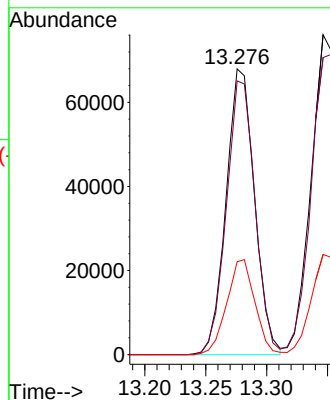
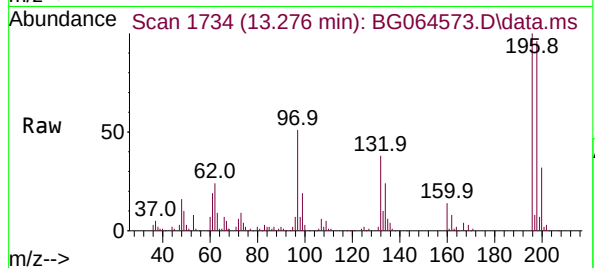
200 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#44

2,4,5-Trichlorophenol

Concen: 43.694 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Tgt Ion:196 Resp: 126360

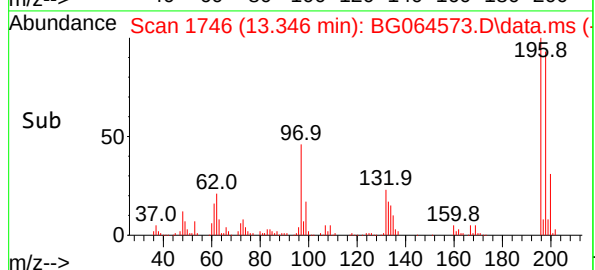
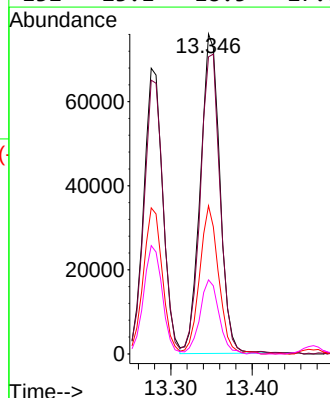
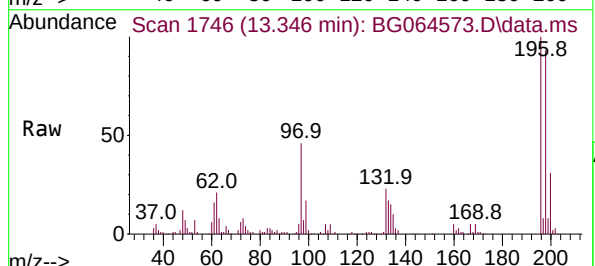
Ion Ratio Lower Upper

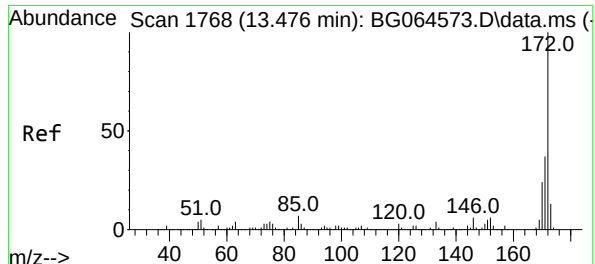
196 100

198 92.8 74.2 111.4

97 46.3 37.0 55.6

132 23.1 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 83.888 ng

RT: 13.476 min Scan# 1768

Delta R.T. -0.003 min

Lab File: BG064573.D

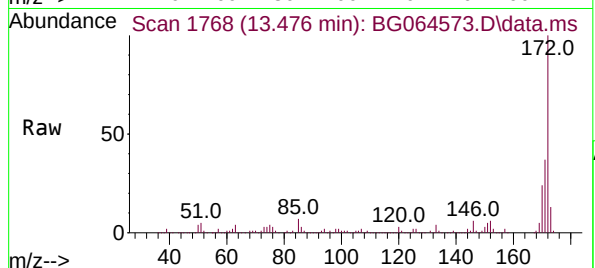
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



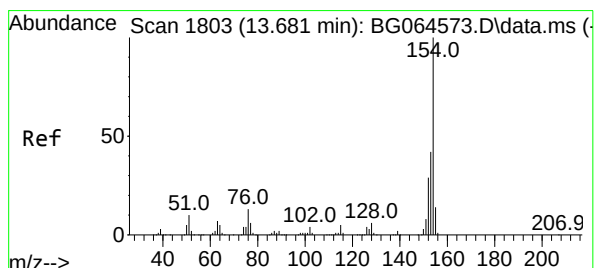
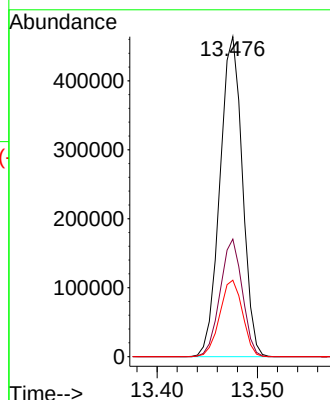
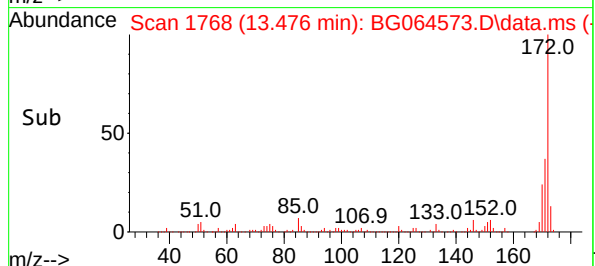
Tgt Ion:	172	Resp:	722472
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#46

1,1'-Biphenyl

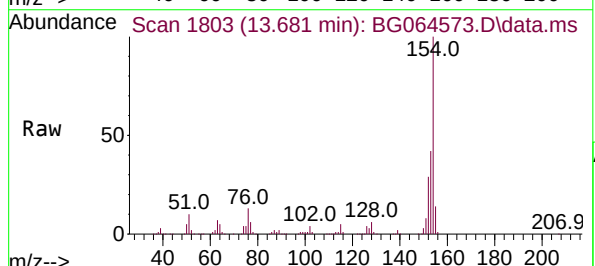
Concen: 41.885 ng

RT: 13.681 min Scan# 1803

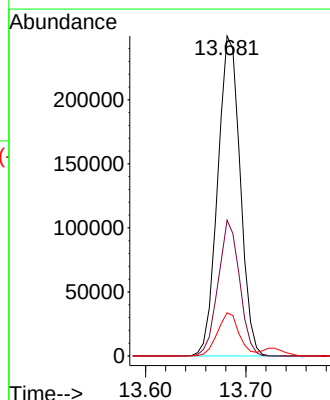
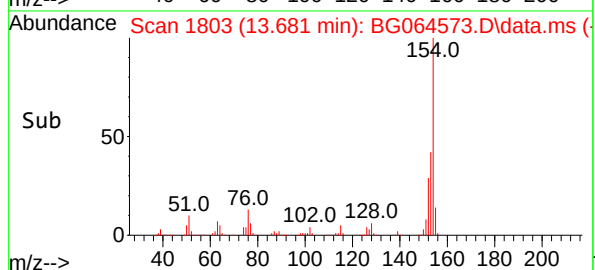
Delta R.T. -0.004 min

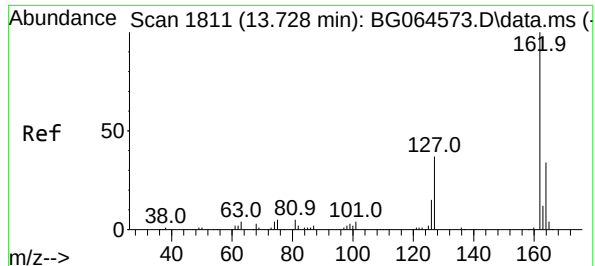
Lab File: BG064573.D

Acq: 24 Oct 2025 13:03



Tgt Ion:	154	Resp:	388718
Ion Ratio	Lower	Upper	
154	100		
153	42.4	22.4	62.4
76	13.5	0.0	33.5





#47

2-Chloronaphthalene

Concen: 42.182 ng

RT: 13.728 min Scan# 1811

Delta R.T. -0.004 min

Lab File: BG064573.D

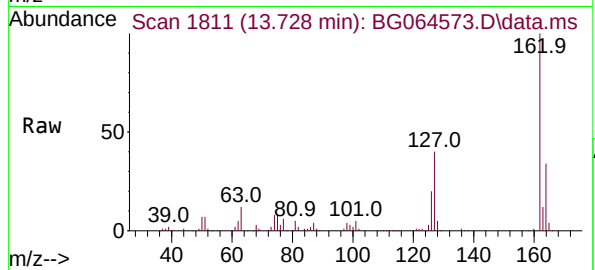
Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 295501

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

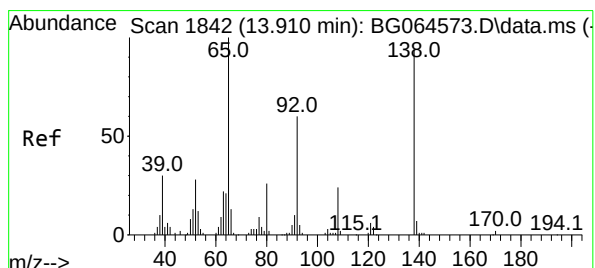
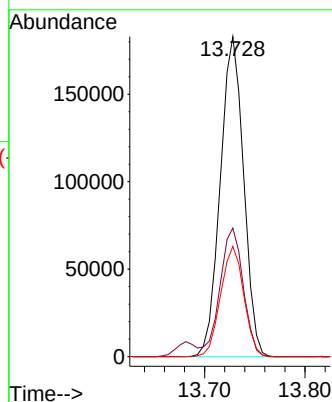
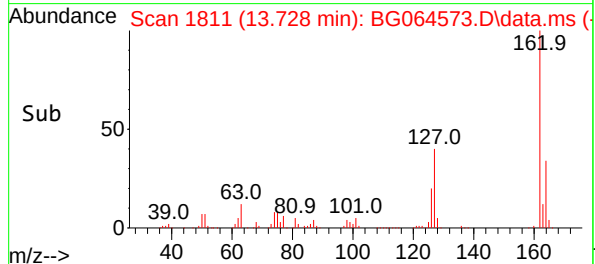
164 34.4 27.5 41.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#48

2-Nitroaniline

Concen: 39.303 ng

RT: 13.910 min Scan# 1842

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

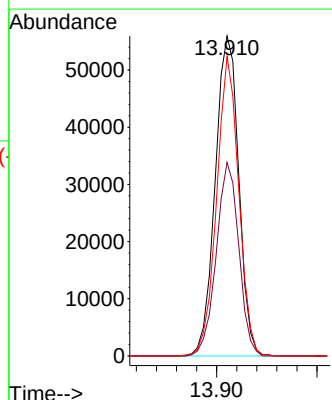
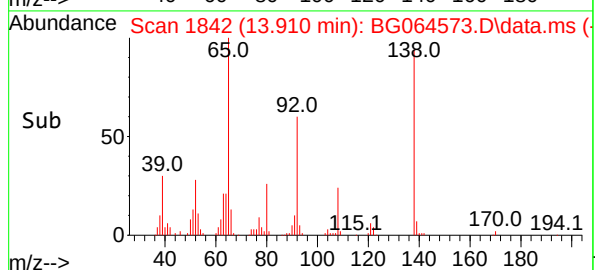
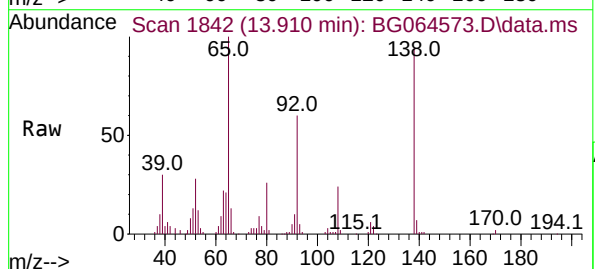
Tgt Ion: 65 Resp: 90958

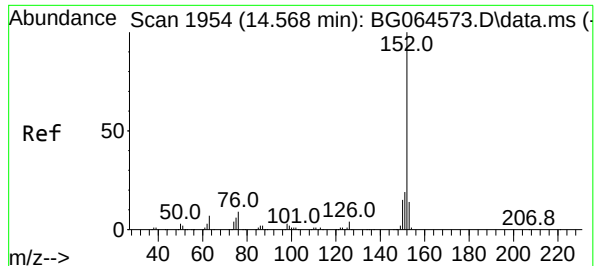
Ion Ratio Lower Upper

65 100

92 60.4 48.3 72.5

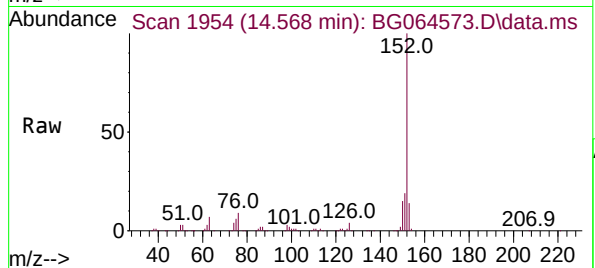
138 93.6 74.9 112.3





#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

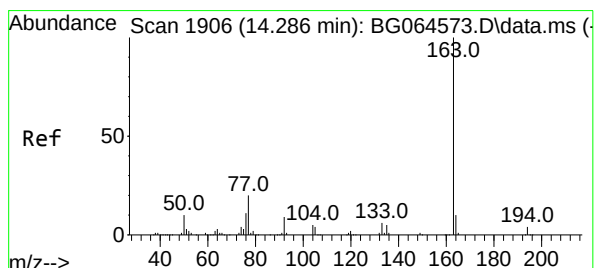
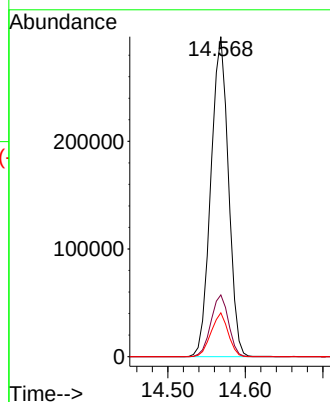
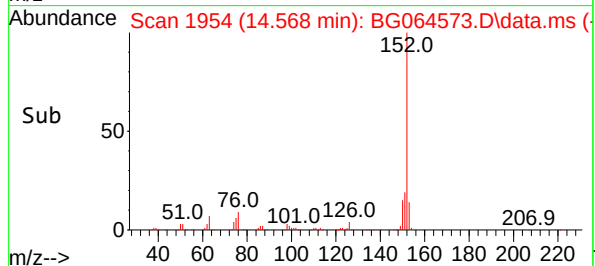
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 466393
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.7 11.0 16.4

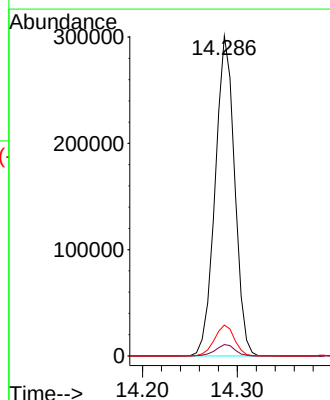
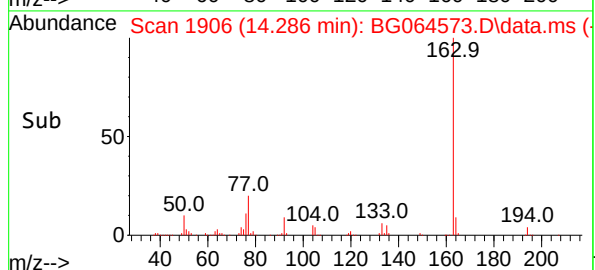
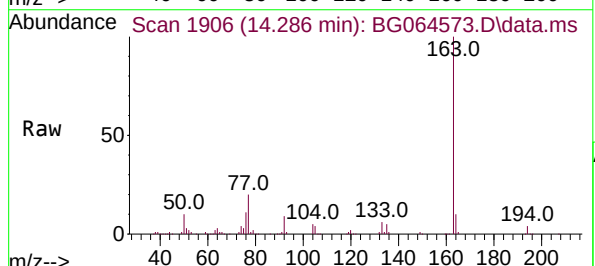
Manual Integrations
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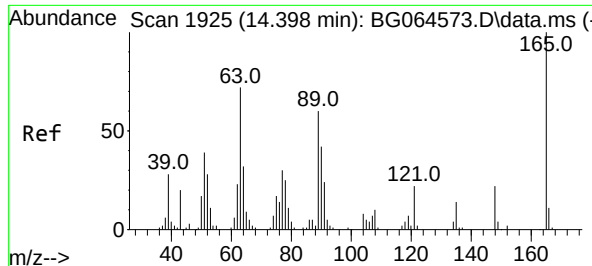
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#50
Dimethylphthalate
Concen: 42.894 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:163 Resp: 428475
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.6 7.7 11.5





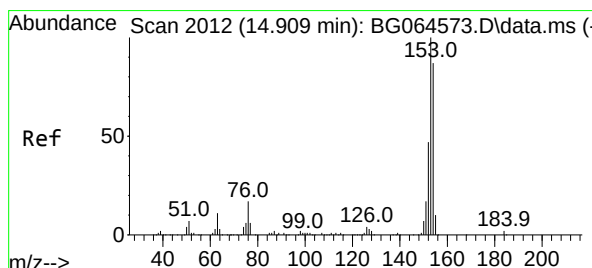
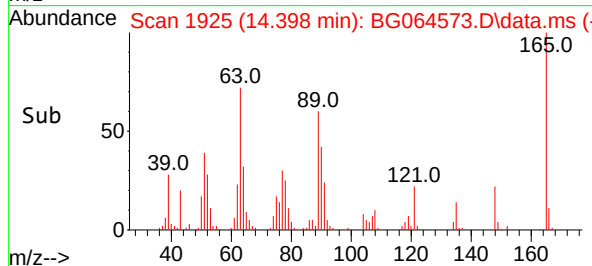
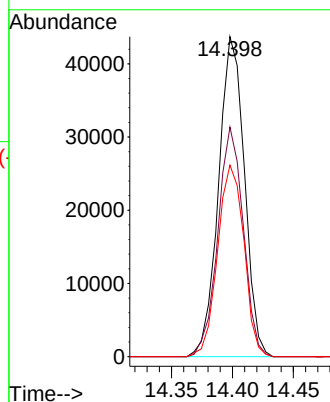
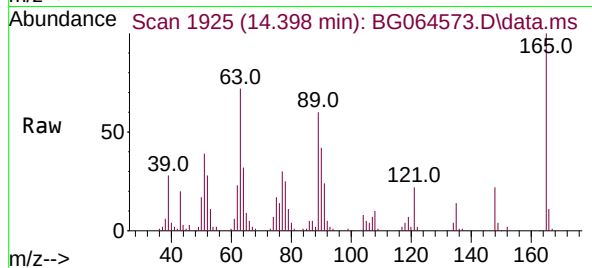
#51
2,6-Dinitrotoluene
Concen: 39.696 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 64452
Ion Ratio Lower Upper
165 100
63 71.7 57.4 86.0
89 59.8 47.8 71.8

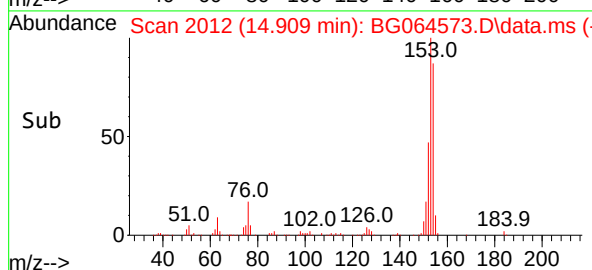
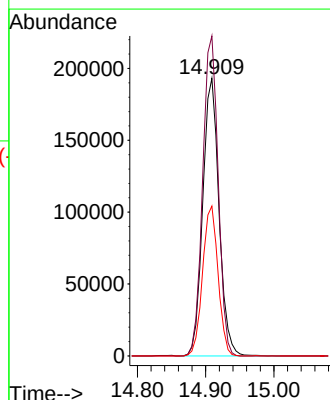
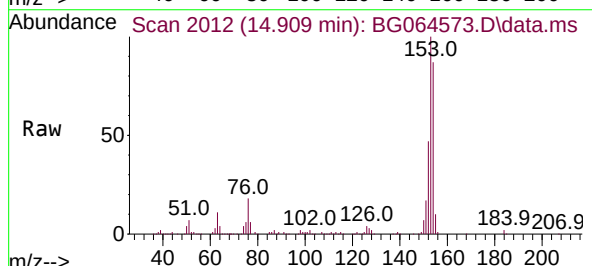
Manual Integrations
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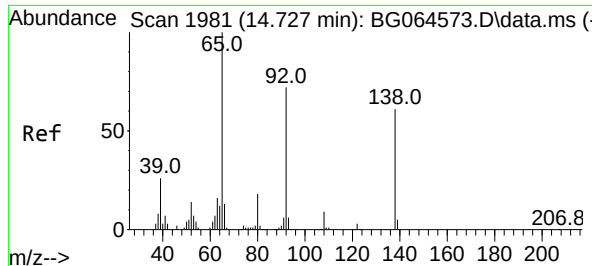
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#52
Acenaphthene
Concen: 42.289 ng
RT: 14.909 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:154 Resp: 319250
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 54.0 43.2 64.8





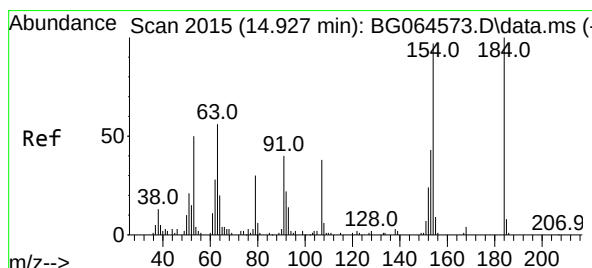
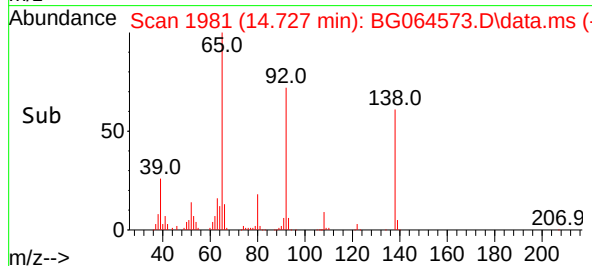
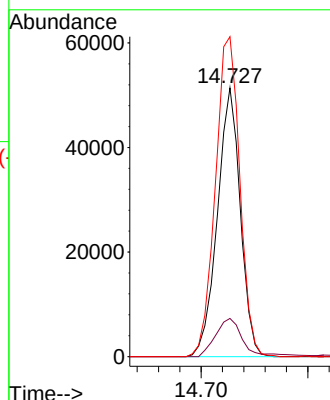
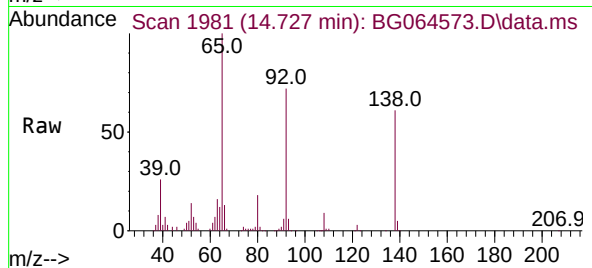
#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.727 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 7684
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 119.1 95.3 142.9

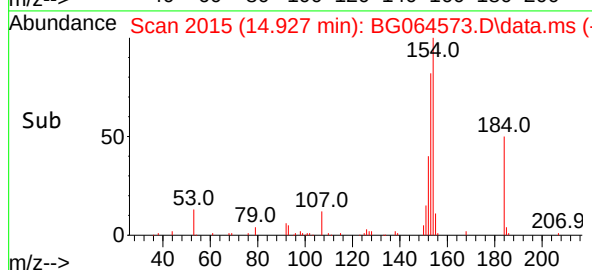
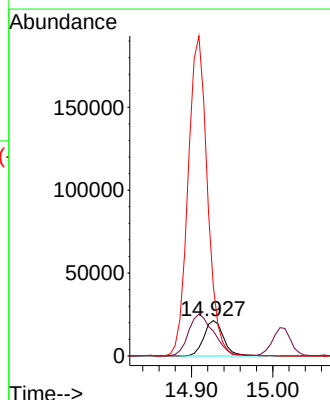
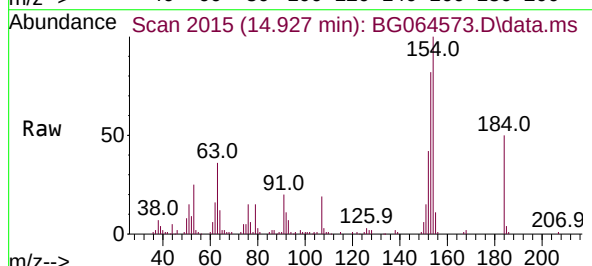
Manual Integrations
APPROVED

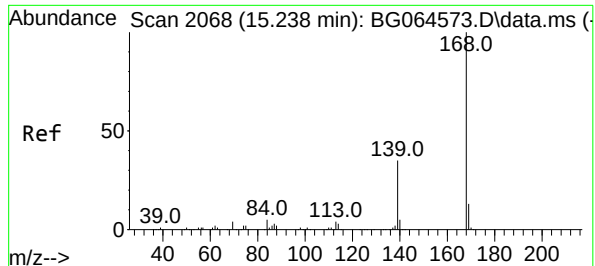
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#54
2,4-Dinitrophenol
Concen: 38.390 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:184 Resp: 35677
Ion Ratio Lower Upper
184 100
63 70.8 56.6 85.0
154 198.3 158.6 238.0





#55

Dibenzenofuran

Concen: 41.995 ng

RT: 15.238 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 51254

Ion Ratio Lower Upper

168 100

139 34.8 27.8 41.8

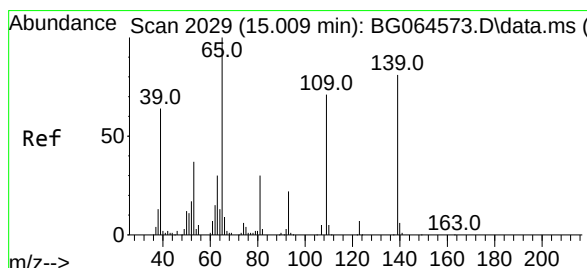
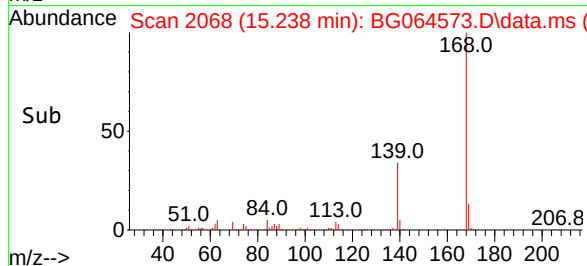
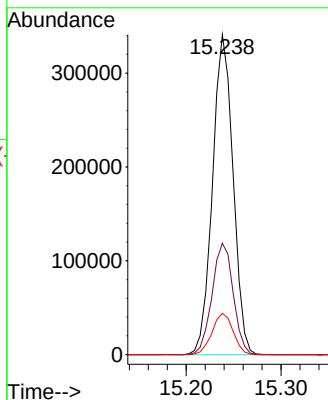
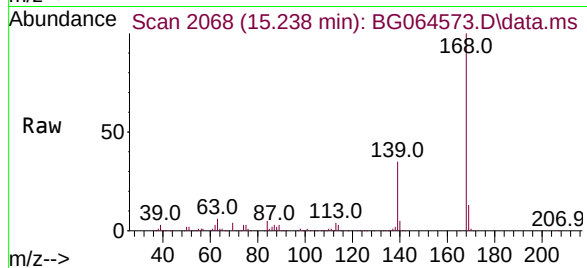
169 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#56

4-Nitrophenol

Concen: 42.765 ng

RT: 15.009 min Scan# 2029

Delta R.T. -0.009 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

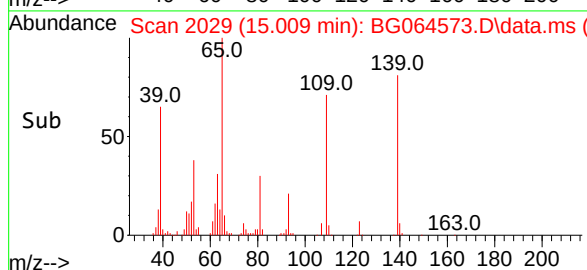
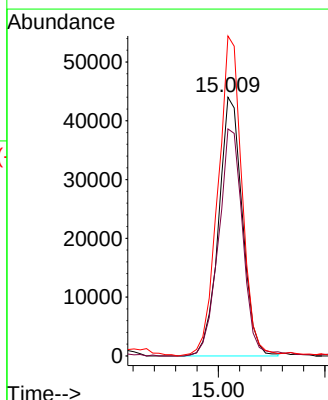
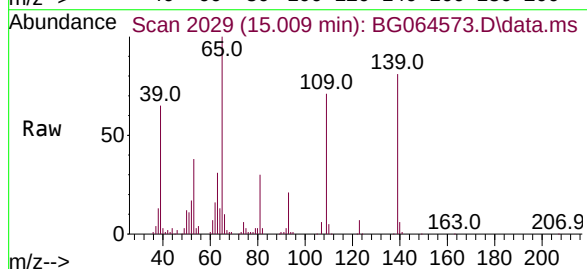
Tgt Ion:139 Resp: 68064

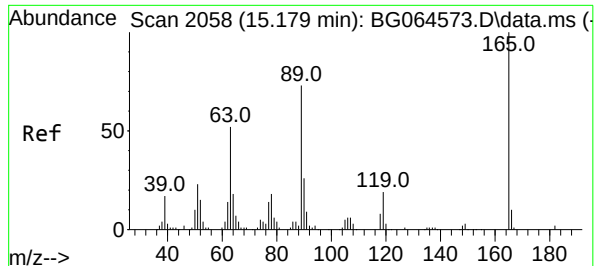
Ion Ratio Lower Upper

139 100

109 87.8 67.8 107.8

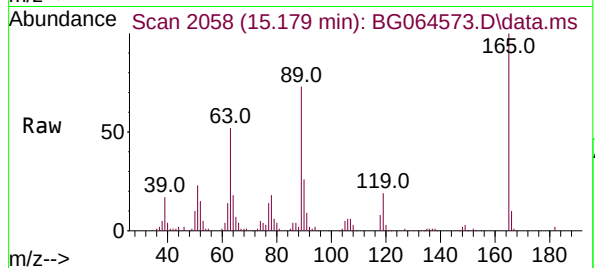
65 123.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.010 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

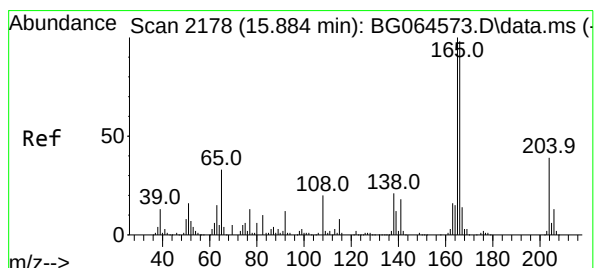
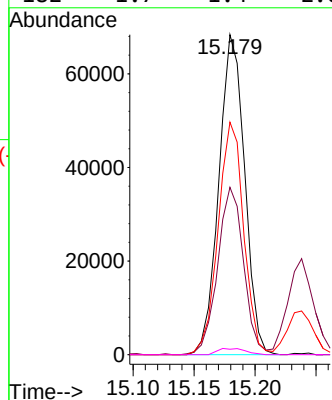
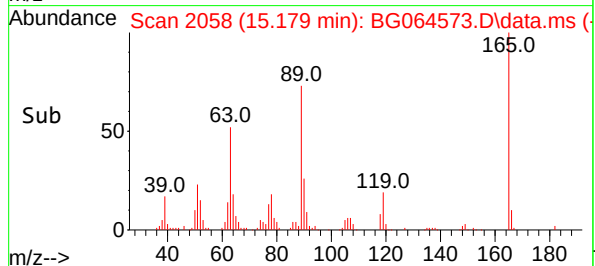
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 100448
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.8
89 72.6 58.1 87.1
182 1.7 1.4 2.0

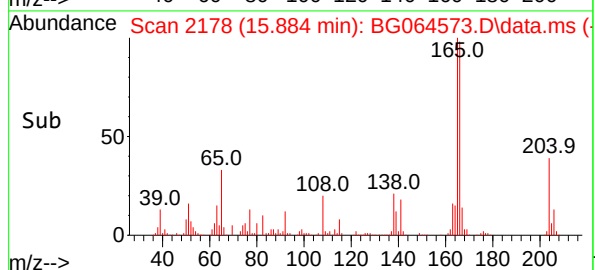
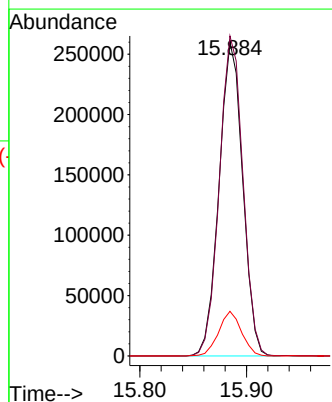
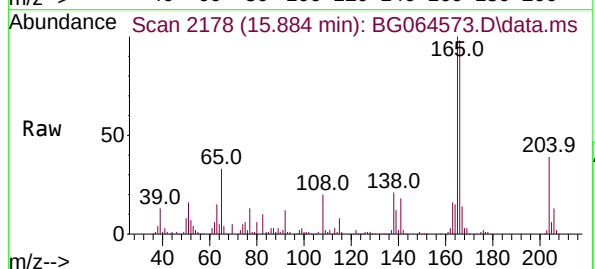
Manual Integrations
APPROVED

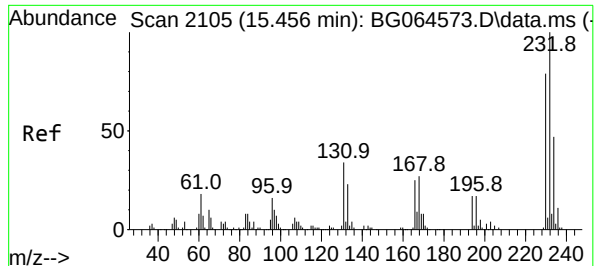
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 41.939 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

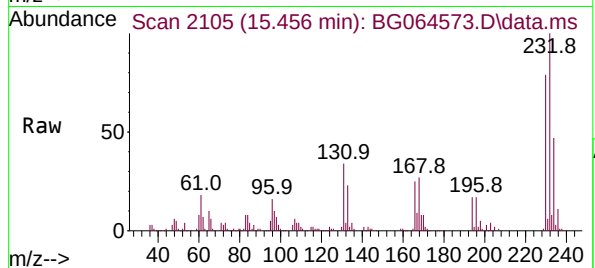
Tgt Ion:166 Resp: 399745
Ion Ratio Lower Upper
166 100
165 101.9 81.5 122.3
167 14.2 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.030 ng
RT: 15.456 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

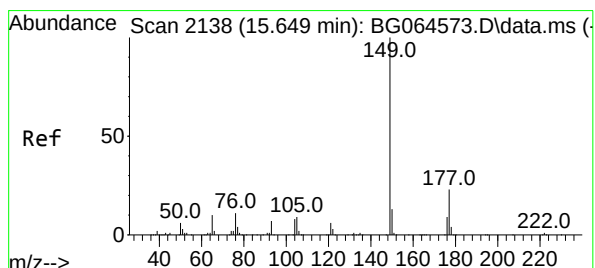
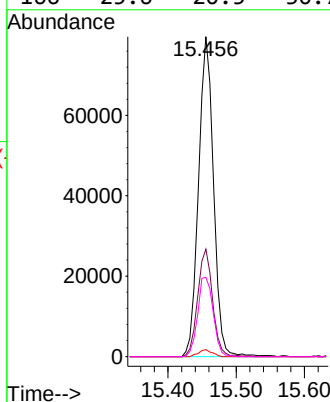
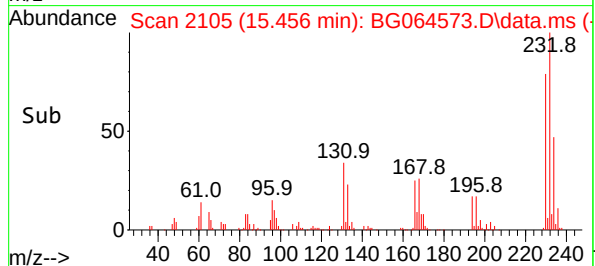
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



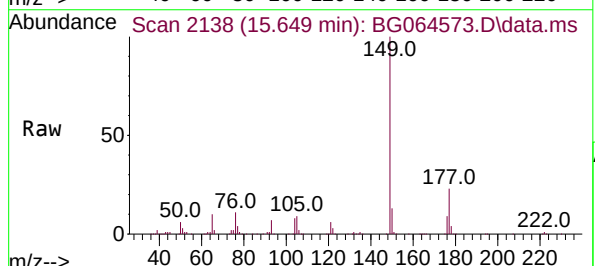
Tgt Ion:232 Resp: 121762
Ion Ratio Lower Upper
232 100
131 33.4 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

Manual Integrations
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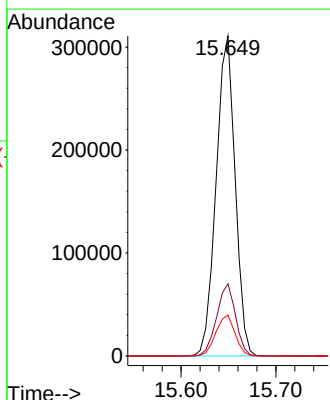
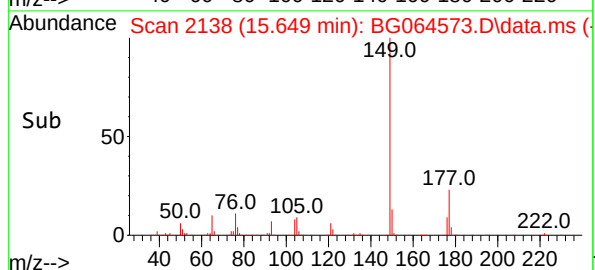
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

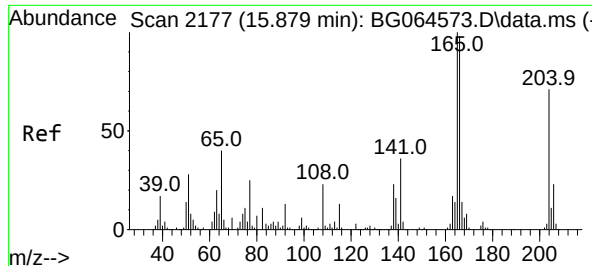


#60
Diethylphthalate
Concen: 42.412 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



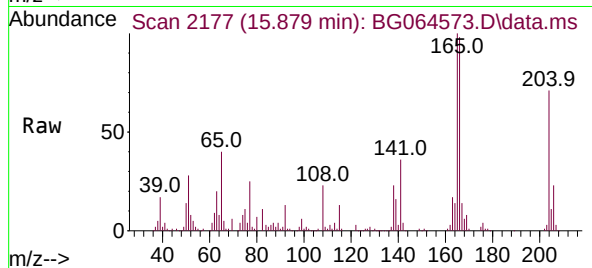
Tgt Ion:149 Resp: 432571
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 15.879 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

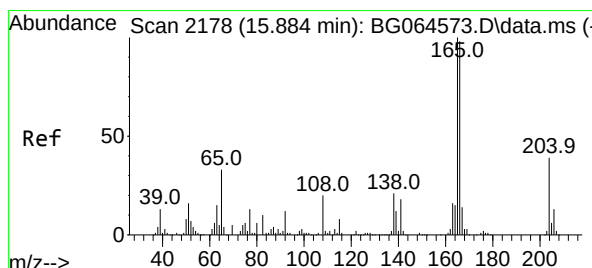
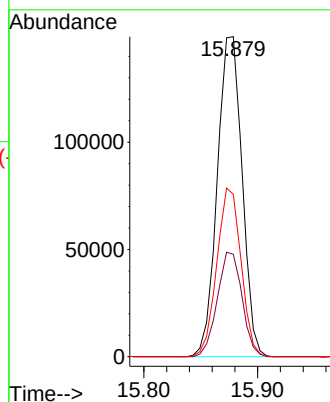
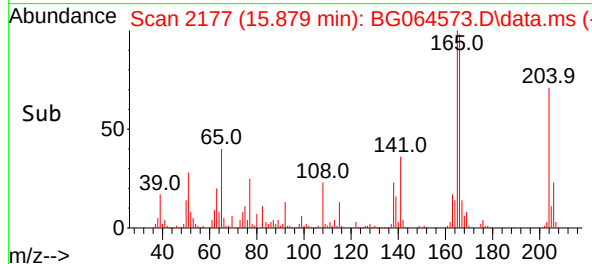
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 226104
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 50.7 40.6 60.8

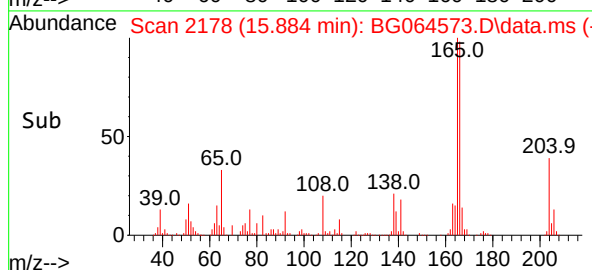
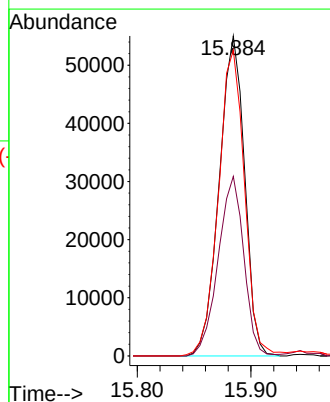
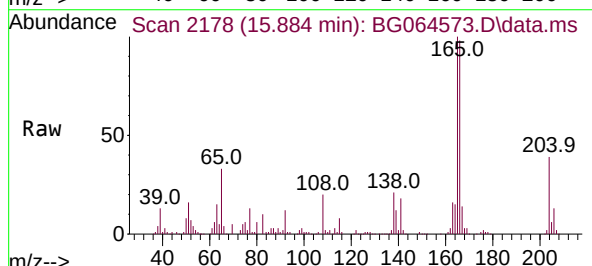
Manual Integrations
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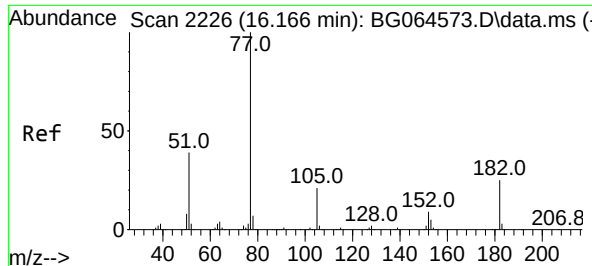
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#62
4-Nitroaniline
Concen: 44.662 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

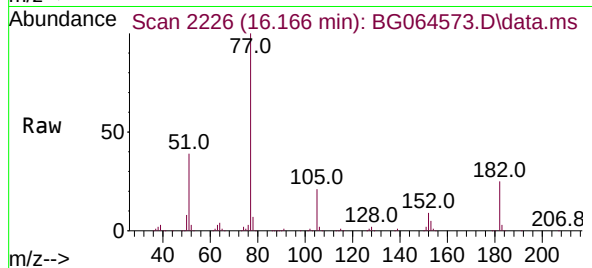
Tgt Ion:138 Resp: 85297
Ion Ratio Lower Upper
138 100
92 56.1 36.1 76.1
108 95.6 75.6 115.6





#63
Azobenzene
Concen: 42.922 ng
RT: 16.166 min Scan# 2226
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

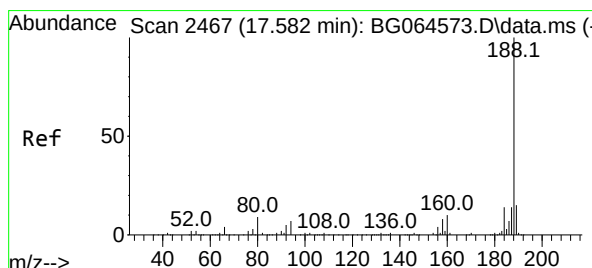
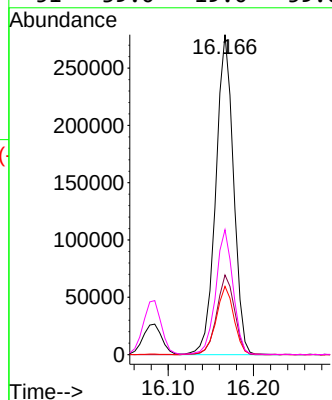
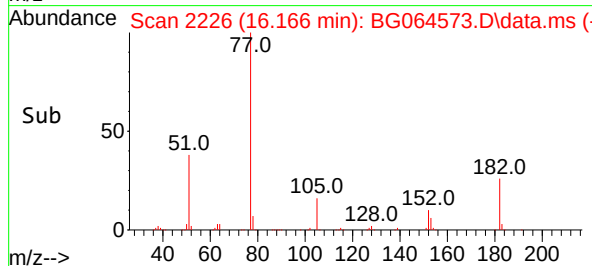
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 401676
Ion Ratio Lower Upper
77 100
182 24.9 4.9 44.9
105 21.3 1.3 41.3
51 39.0 19.0 59.0

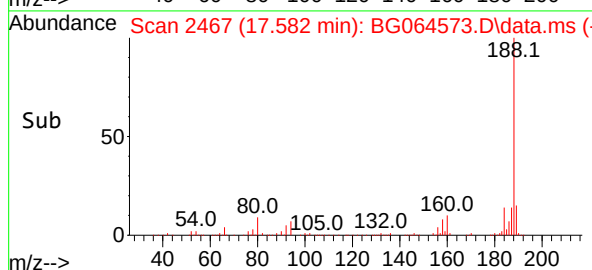
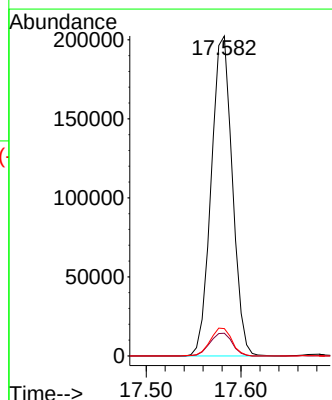
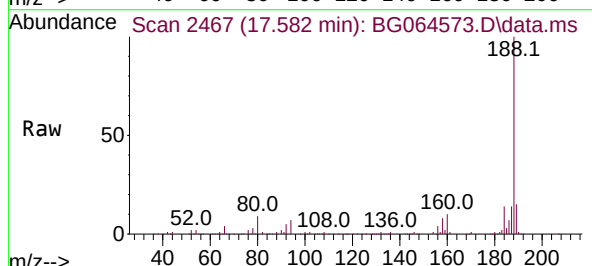
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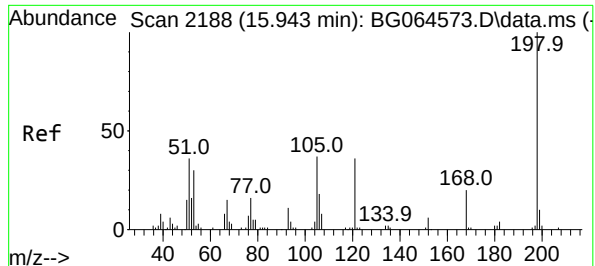
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:188 Resp: 313311
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.5 6.8 10.2





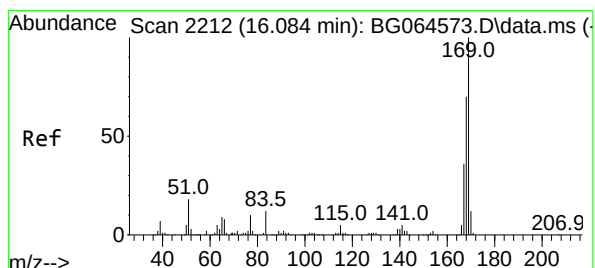
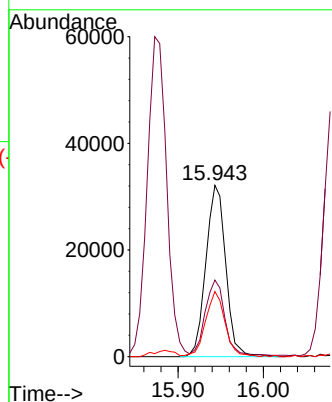
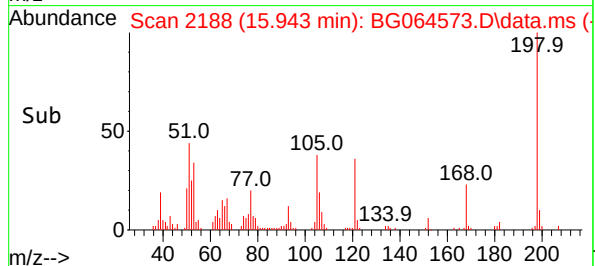
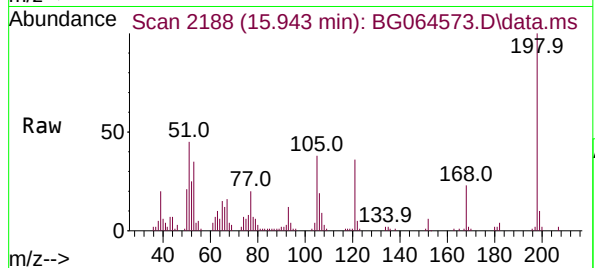
#65
4,6-Dinitro-2-methylphenol
Concen: 38.770 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 51829
Ion Ratio Lower Upper
198 100
51 44.7 24.7 64.7
105 38.0 18.0 58.0

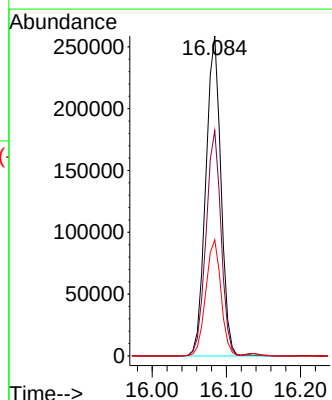
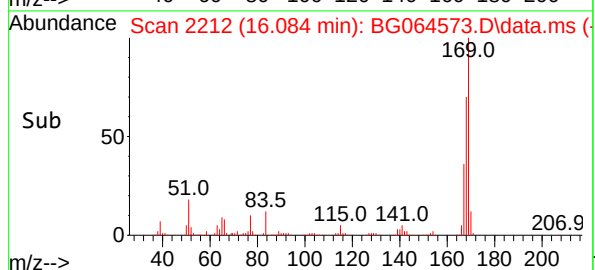
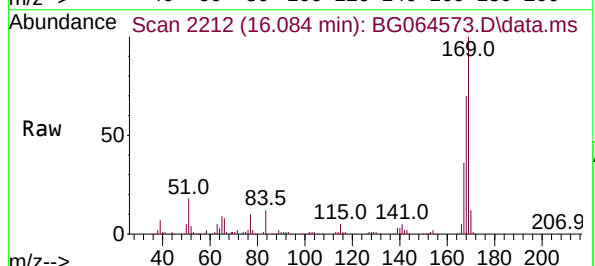
Manual Integrations
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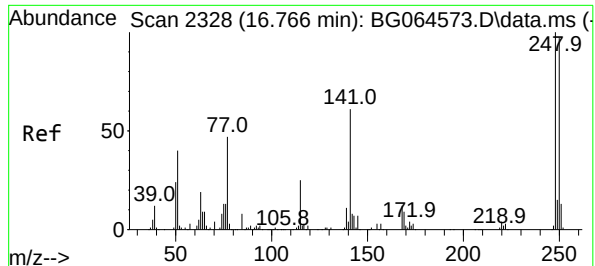
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

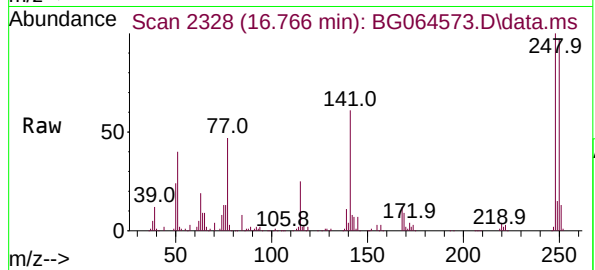
Tgt Ion:169 Resp: 365624
Ion Ratio Lower Upper
169 100
168 70.4 56.3 84.5
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.563 ng
RT: 16.766 min Scan# 2328
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

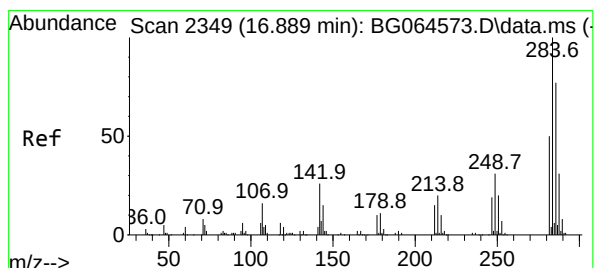
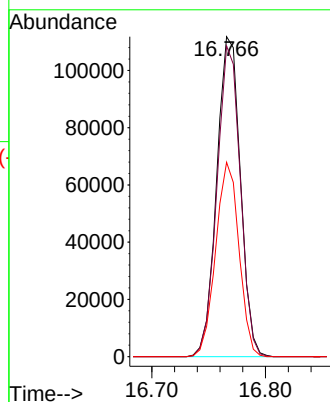
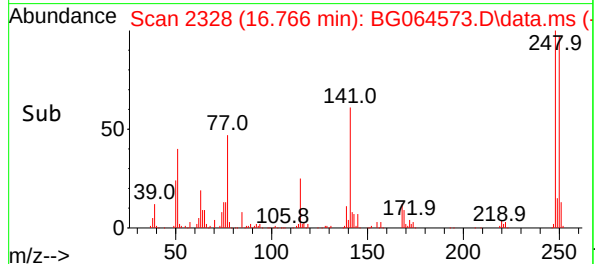
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



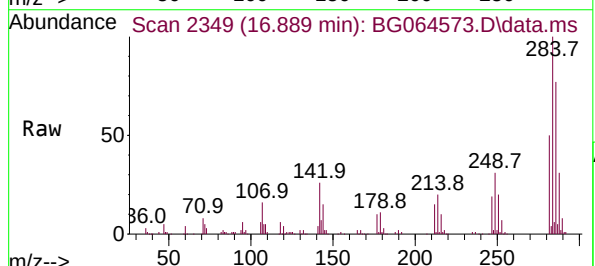
Tgt Ion:248 Resp: 161744
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 60.7 48.6 72.8

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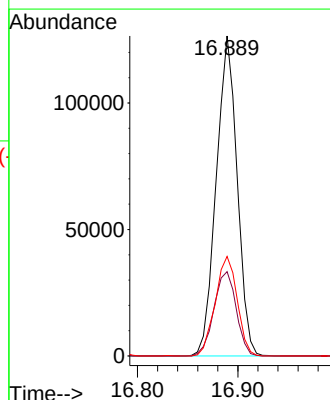
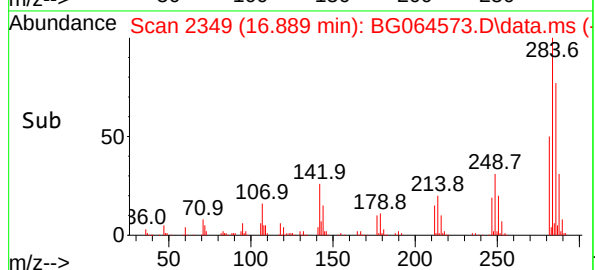
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

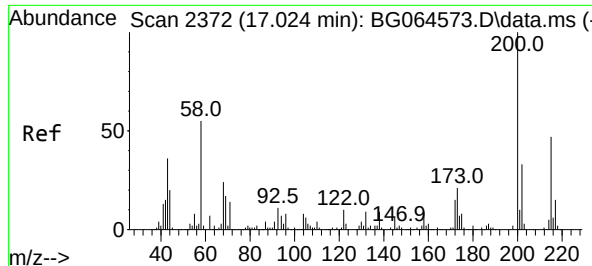


#68
Hexachlorobenzene
Concen: 43.265 ng
RT: 16.889 min Scan# 2349
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



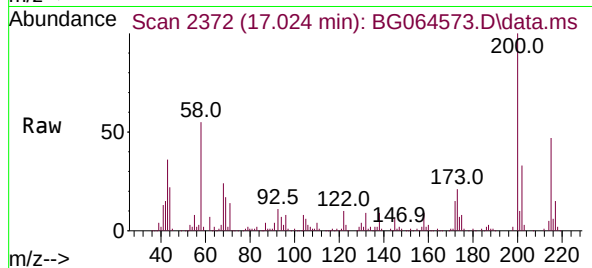
Tgt Ion:284 Resp: 183262
Ion Ratio Lower Upper
284 100
142 26.3 21.0 31.6
249 31.1 24.9 37.3





#69
Atrazine
Concen: 42.203 ng
RT: 17.024 min Scan# 2372
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

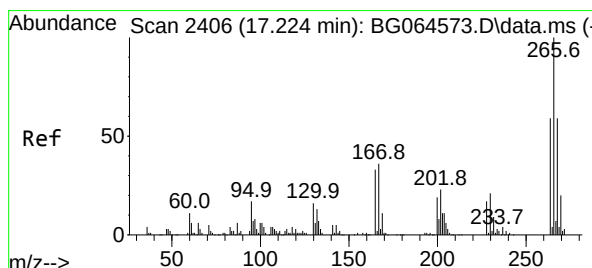
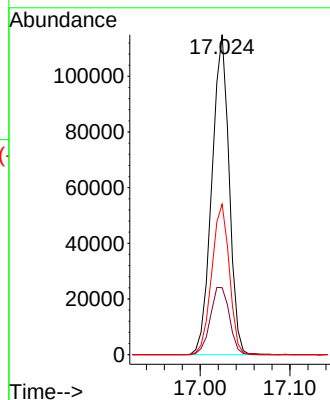
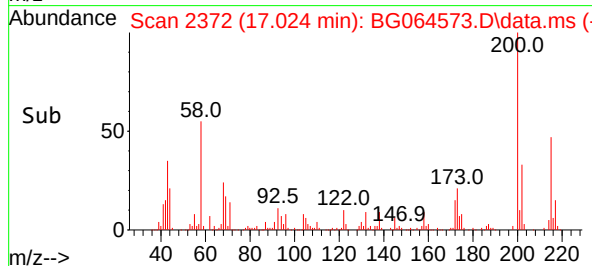
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



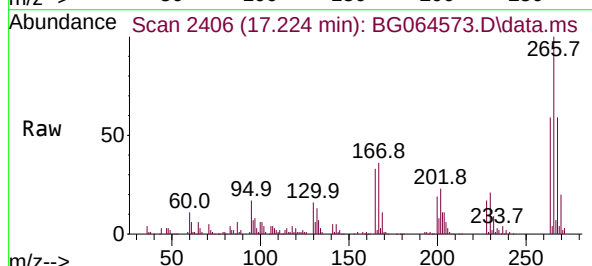
Tgt Ion:200 Resp: 153706
Ion Ratio Lower Upper
200 100
173 20.9 0.9 40.9
215 47.0 27.0 67.0

Manual Integrations
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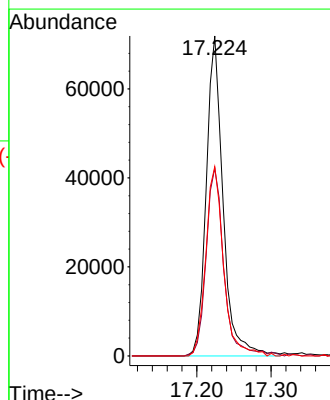
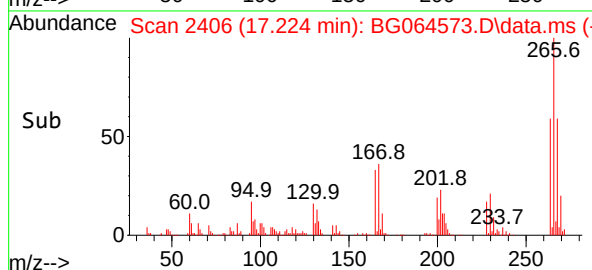
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

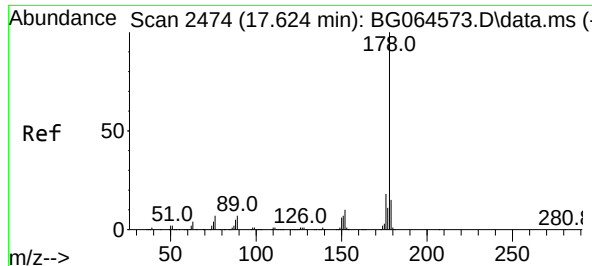


#70
Pentachlorophenol
Concen: 42.694 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03



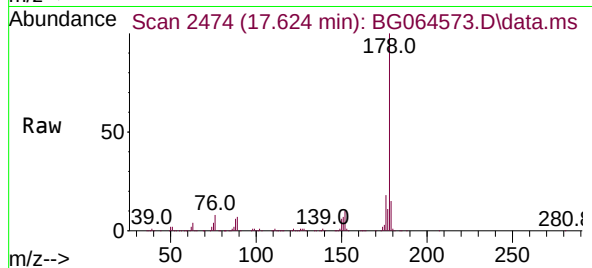
Tgt Ion:266 Resp: 112769
Ion Ratio Lower Upper
266 100
268 62.9 50.3 75.5
264 59.1 47.3 70.9





#71
Phenanthrene
Concen: 42.500 ng
RT: 17.624 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

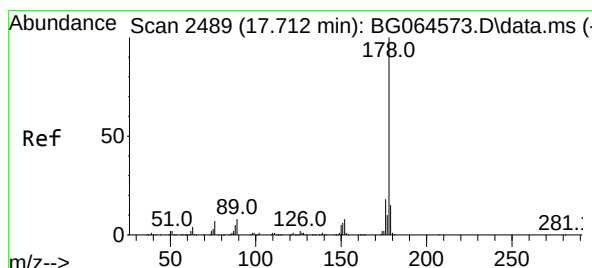
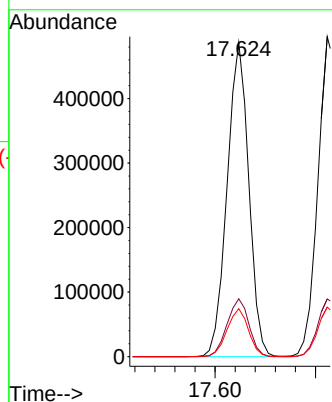
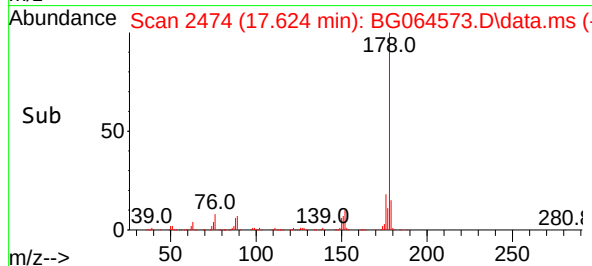
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 728184
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.3 12.2 18.4

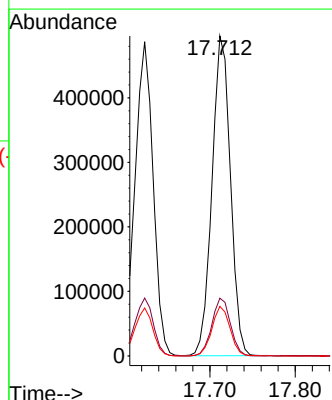
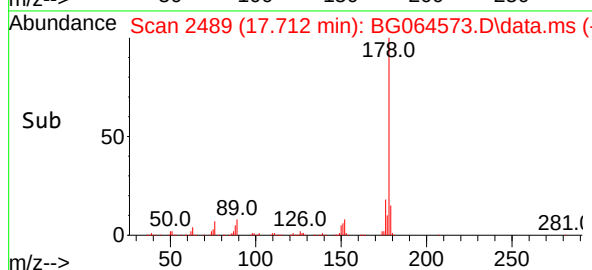
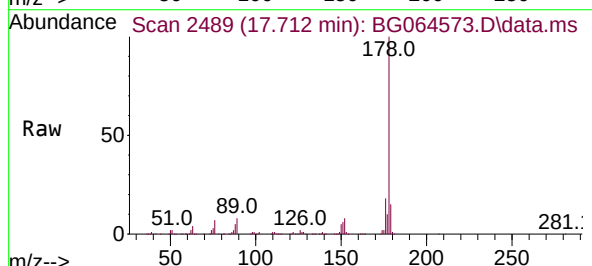
Manual Integrations
APPROVED

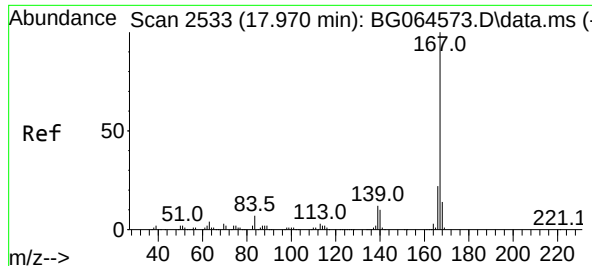
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 42.663 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

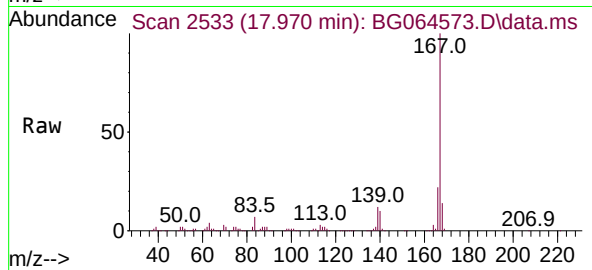
Tgt Ion:178 Resp: 743567
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.053 ng
RT: 17.970 min Scan# 2533
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

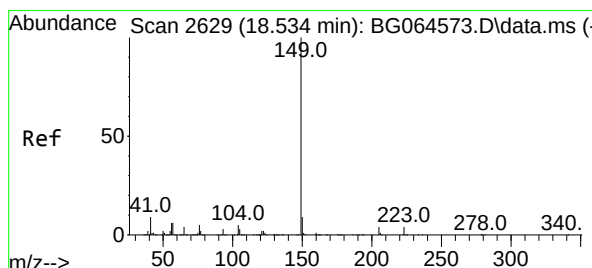
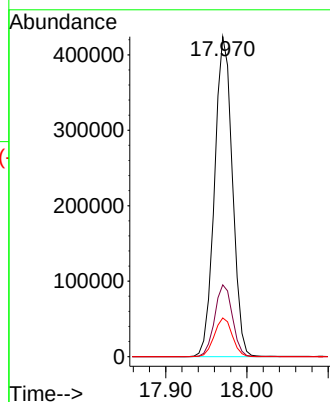
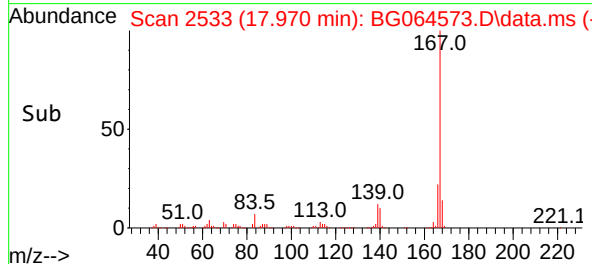
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 646319
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.1 9.7 14.5

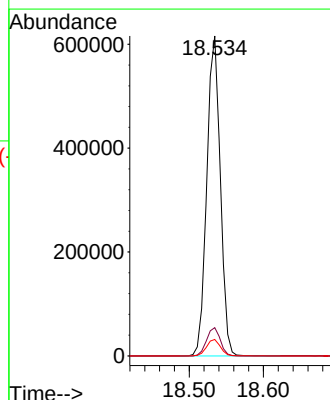
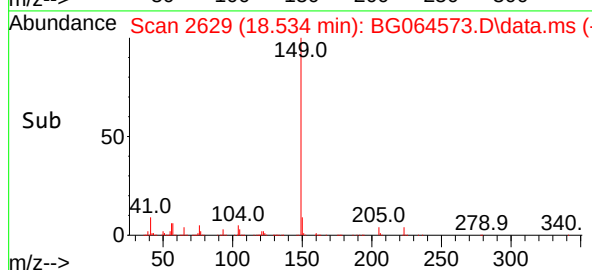
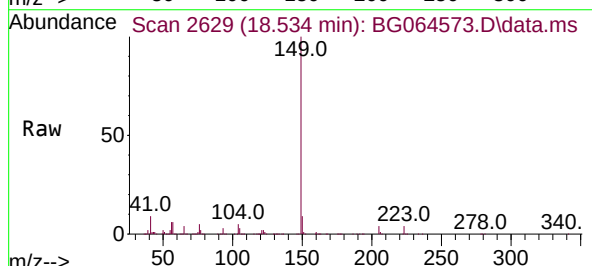
Manual Integrations
APPROVED

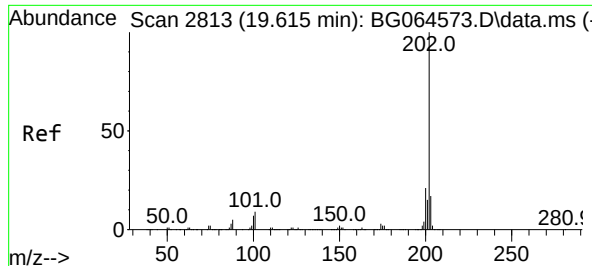
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#74
Di-n-butylphthalate
Concen: 43.711 ng
RT: 18.534 min Scan# 2629
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

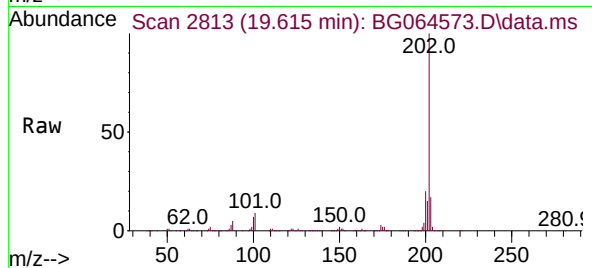
Tgt Ion:149 Resp: 776847
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.050 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

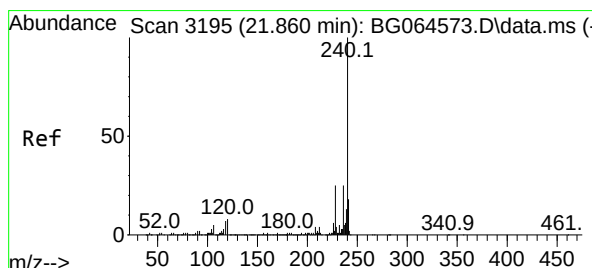
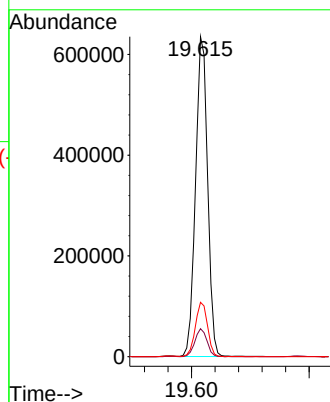
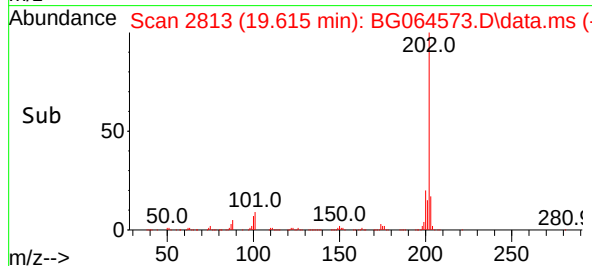
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 902552
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.0 0.0 37.0

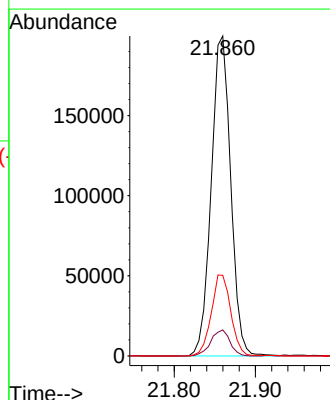
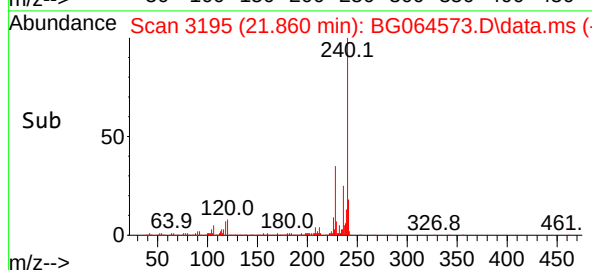
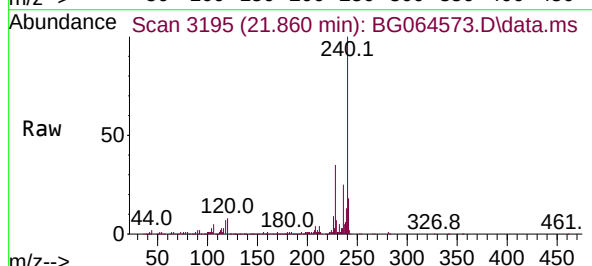
Manual Integrations
APPROVED

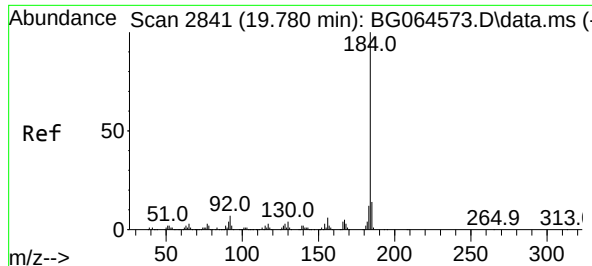
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3195
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

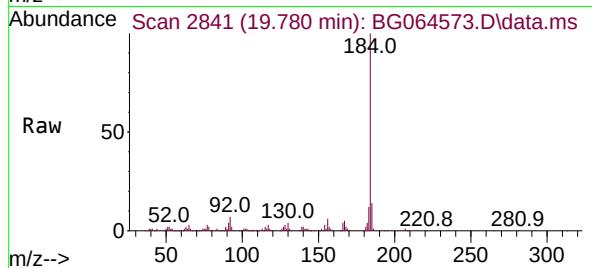
Tgt Ion:240 Resp: 332834
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.2 20.2 30.2





#77
Benzidine
Concen: 43.697 ng
RT: 19.780 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

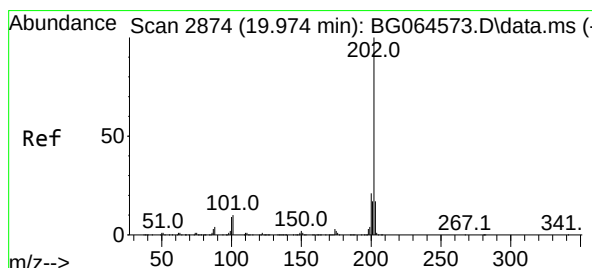
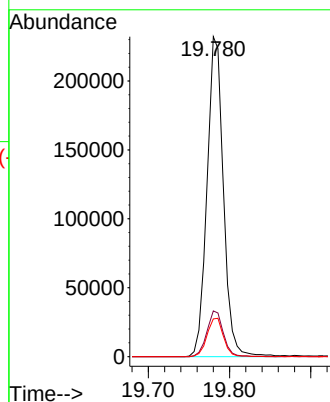
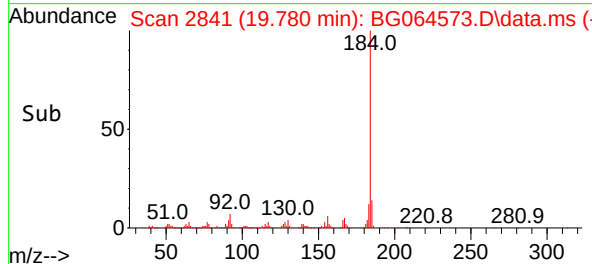
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 325845
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.8 9.4 14.2

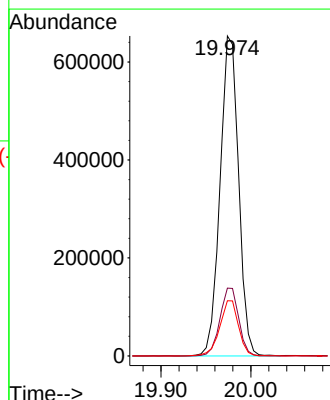
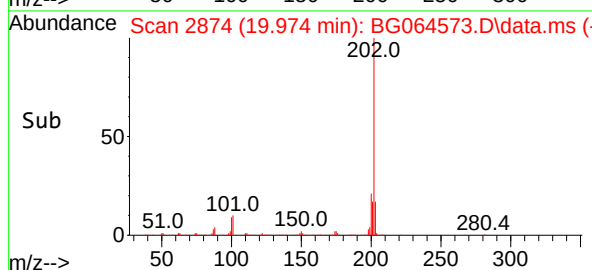
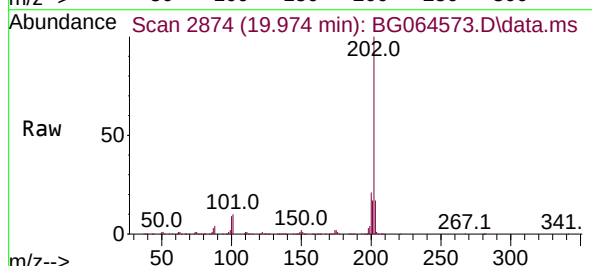
Manual Integrations
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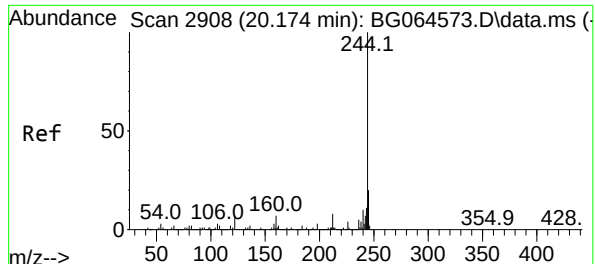
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 43.186 ng
RT: 19.974 min Scan# 2874
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

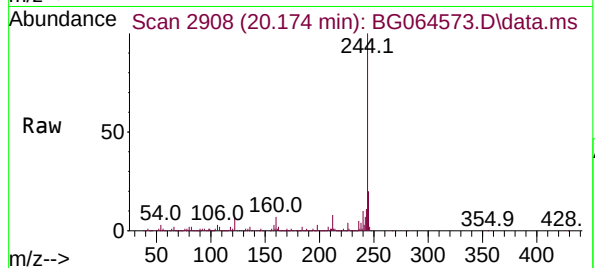
Tgt Ion:202 Resp: 939110
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 13.8 20.6





#79
Terphenyl-d14
Concen: 86.242 ng
RT: 20.174 min Scan# 2908
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

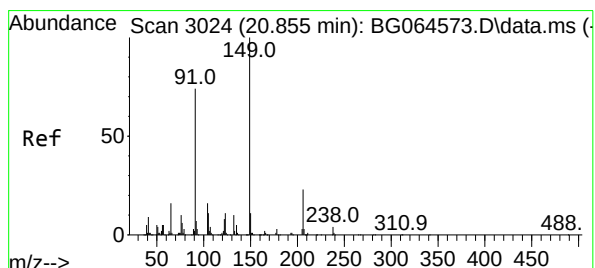
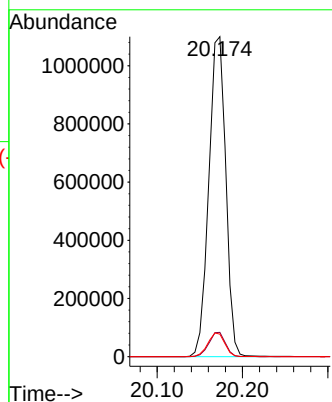
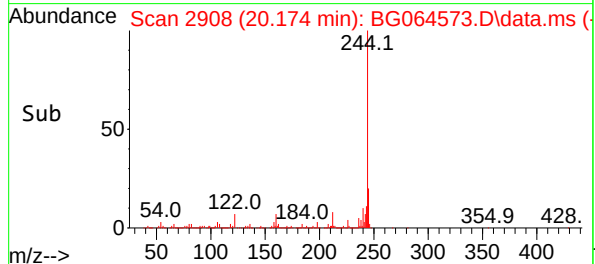
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 1521028
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 7.0 5.6 8.4

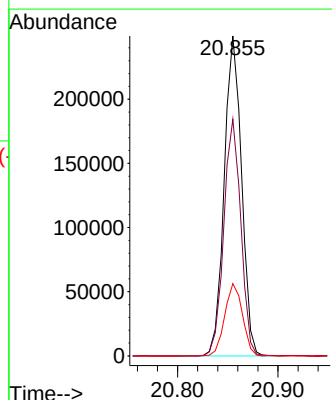
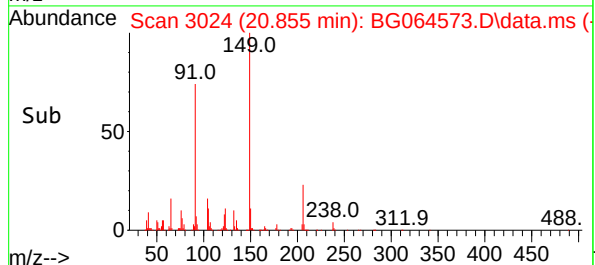
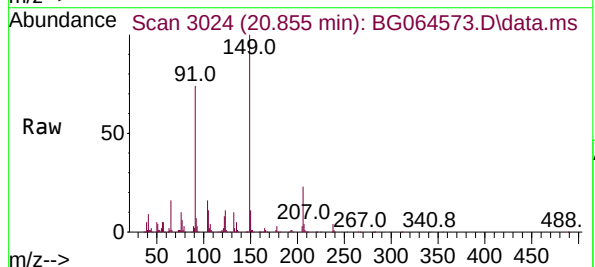
Manual Integrations
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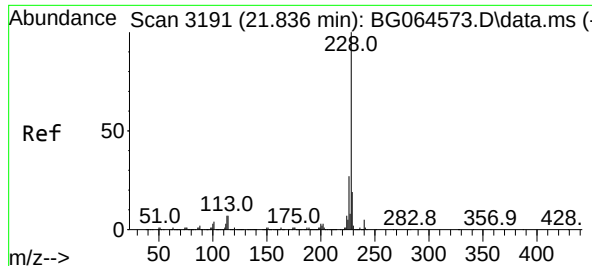
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 45.601 ng
RT: 20.855 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

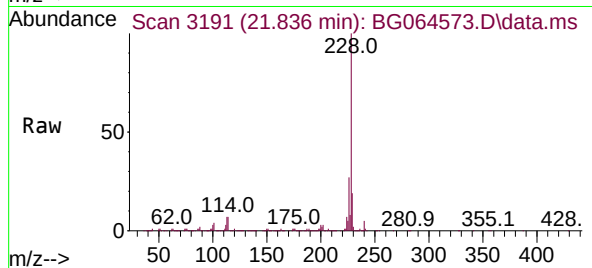
Tgt Ion:149 Resp: 299706
Ion Ratio Lower Upper
149 100
91 74.0 59.2 88.8
206 22.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 42.723 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

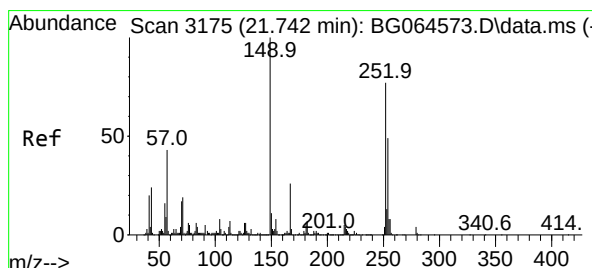
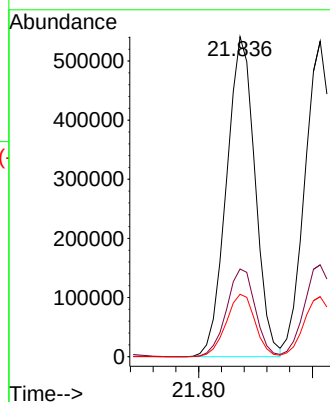
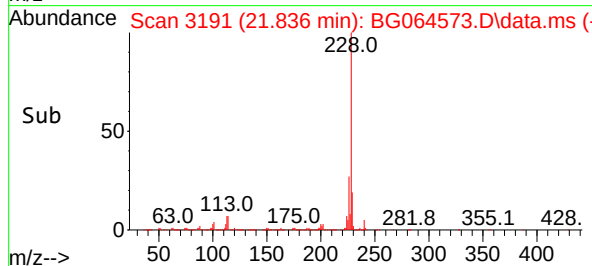
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 942839
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.6 23.4

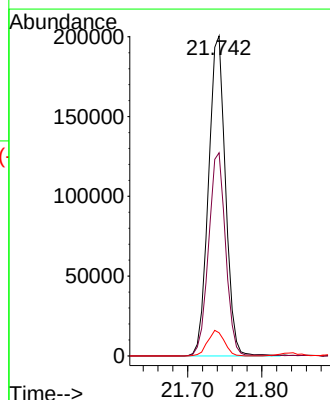
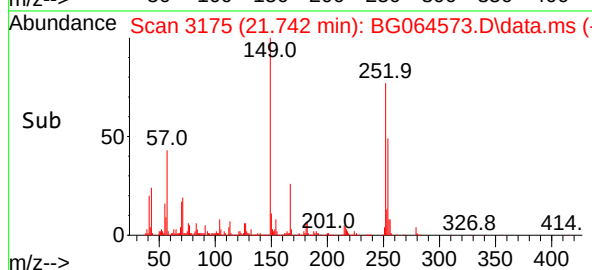
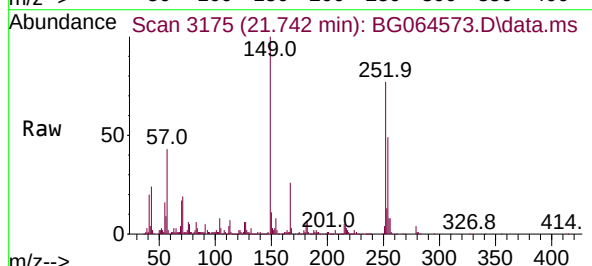
Manual Integrations
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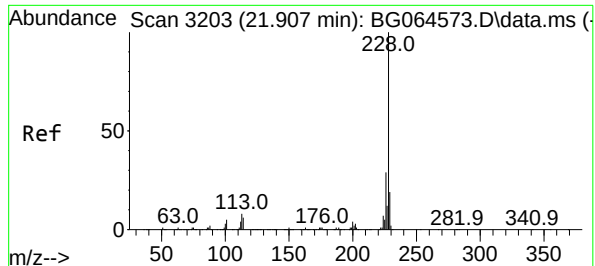
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.131 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

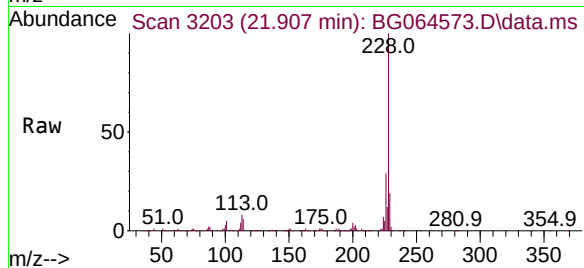
Tgt Ion:252 Resp: 317851
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 7.2 5.8 8.6





#83
Chrysene
Concen: 42.613 ng
RT: 21.907 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

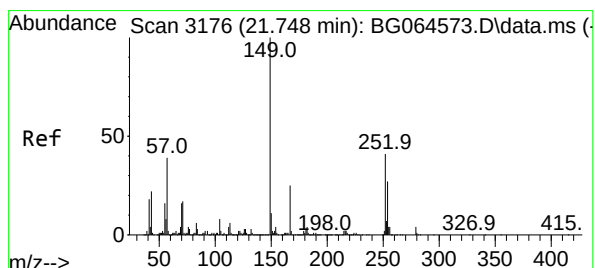
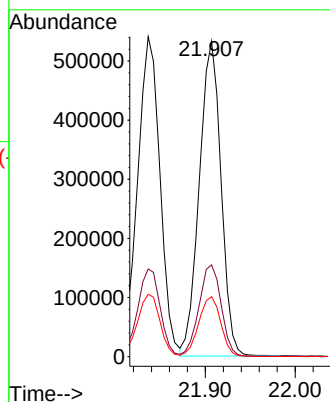
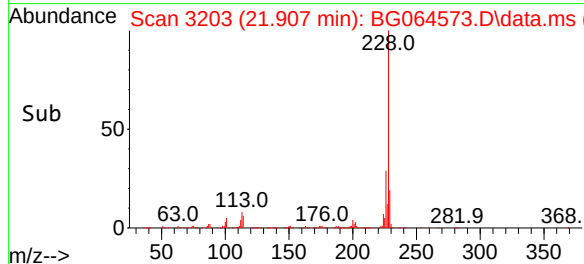
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 894813
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 19.0 15.2 22.8

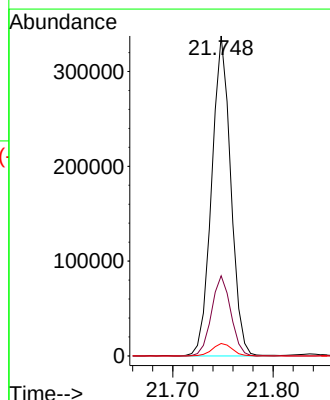
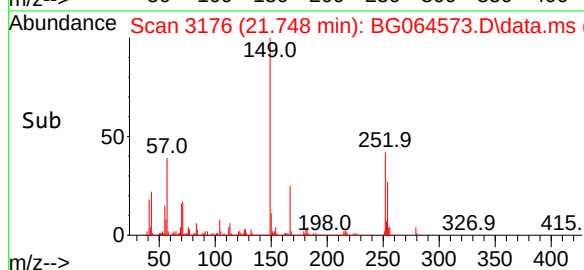
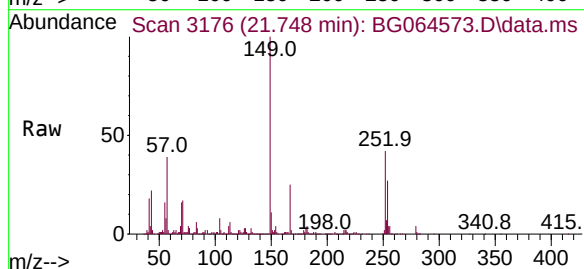
Manual Integrations
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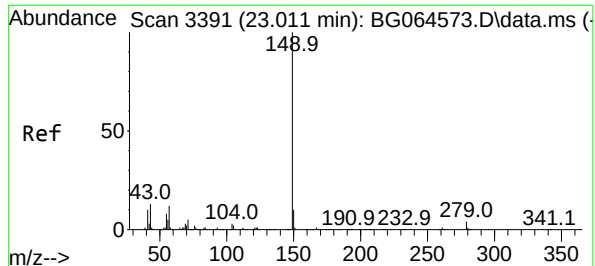
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

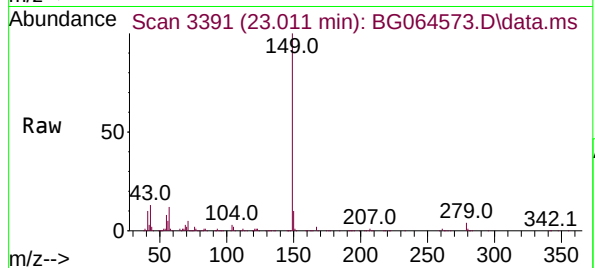
Tgt Ion:149 Resp: 446785
Ion Ratio Lower Upper
149 100
167 25.0 20.0 30.0
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.011 min Scan# 3391
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

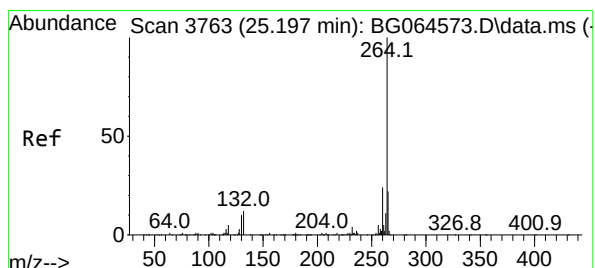
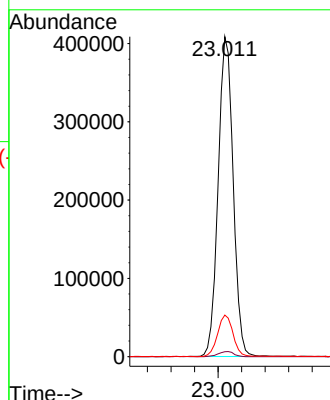
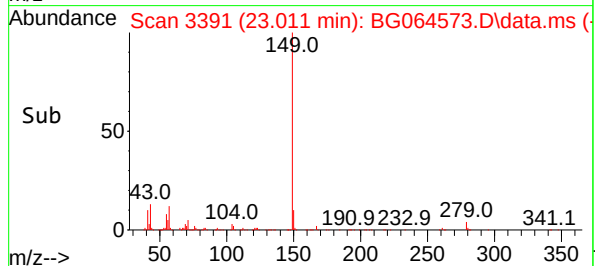
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 723360
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

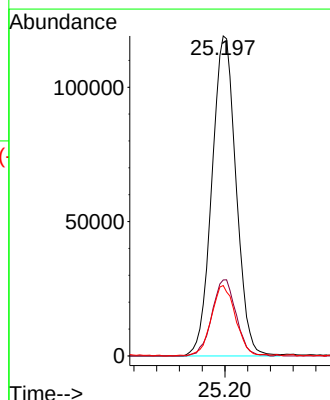
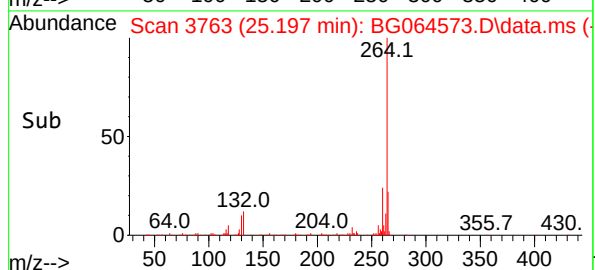
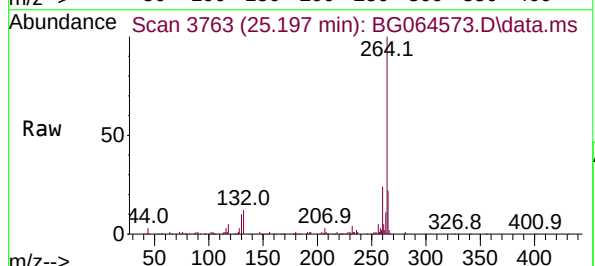
Manual Integrations
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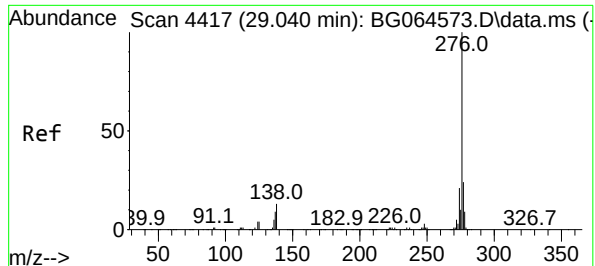
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

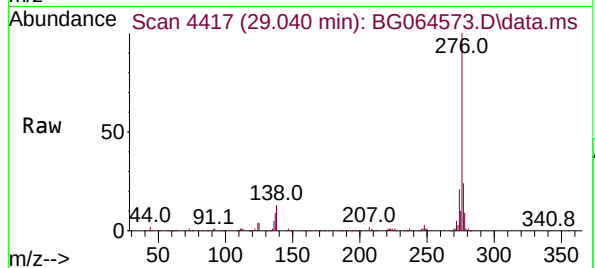
Tgt Ion:264 Resp: 350897
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 29.040 min Scan# 4417
Delta R.T. -0.021 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

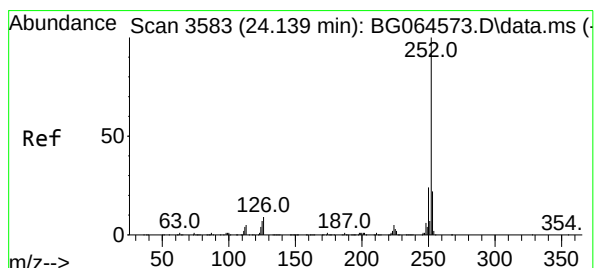
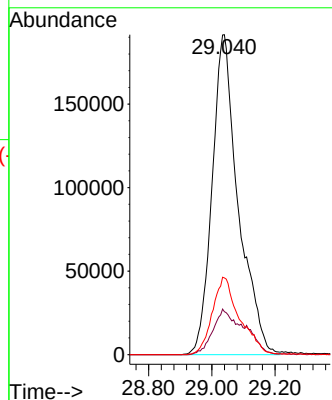
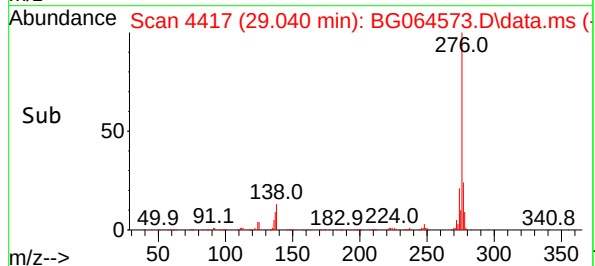
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 1100259
Ion Ratio Lower Upper
276 100
138 13.5 10.8 16.2
277 25.1 20.1 30.1

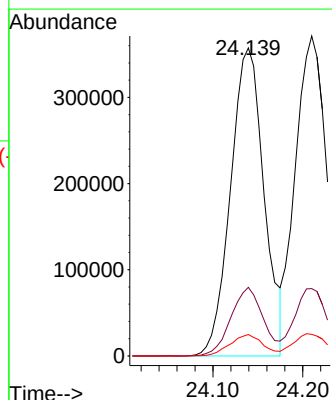
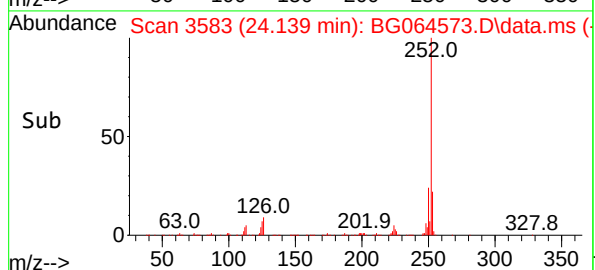
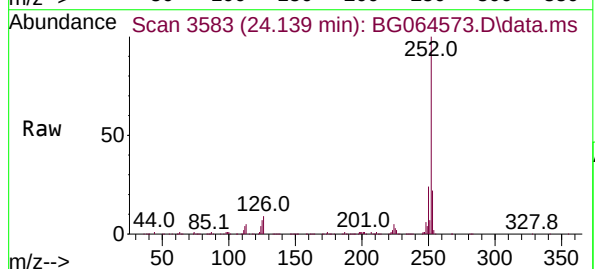
Manual Integrations
APPROVED

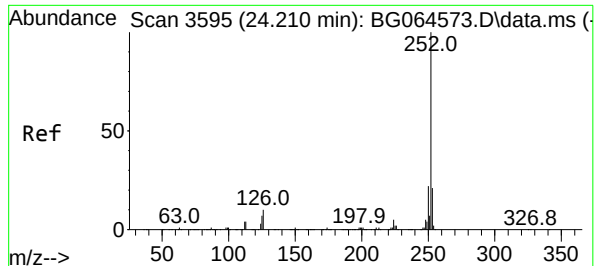
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.004 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:252 Resp: 927550
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.878 ng

RT: 24.210 min Scan# 3595

Delta R.T. -0.009 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 901700

Ion Ratio Lower Upper

252 100

253 21.0 16.8 25.2

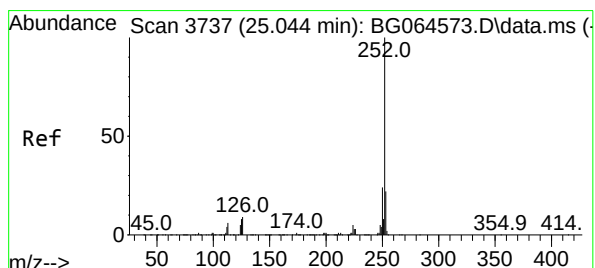
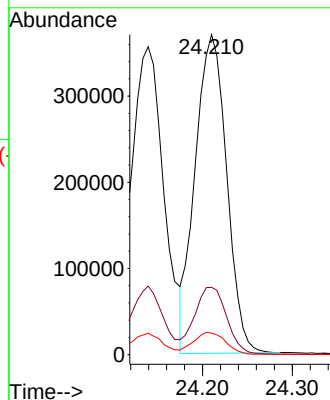
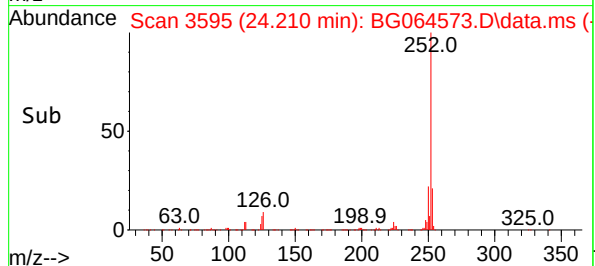
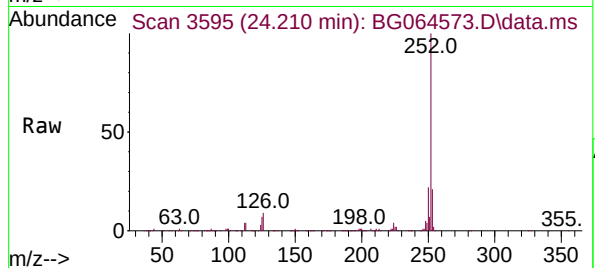
125 6.7 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 42.635 ng

RT: 25.044 min Scan# 3737

Delta R.T. -0.015 min

Lab File: BG064573.D

Acq: 24 Oct 2025 13:03

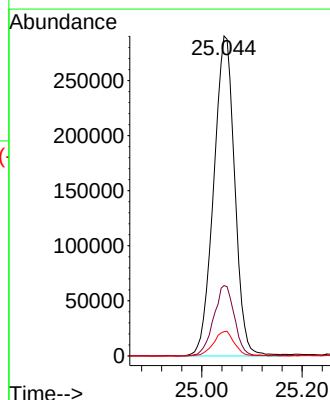
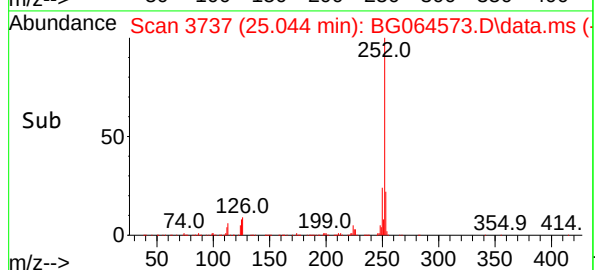
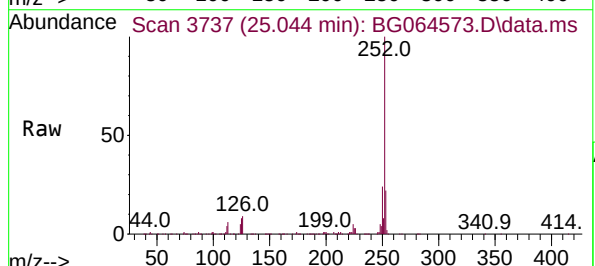
Tgt Ion:252 Resp: 843258

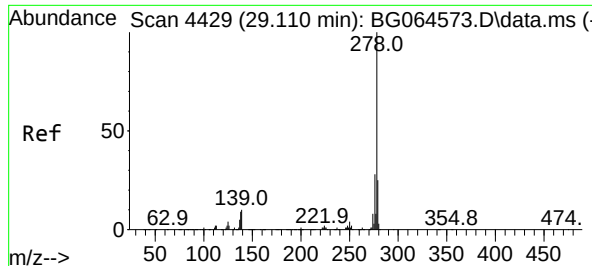
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

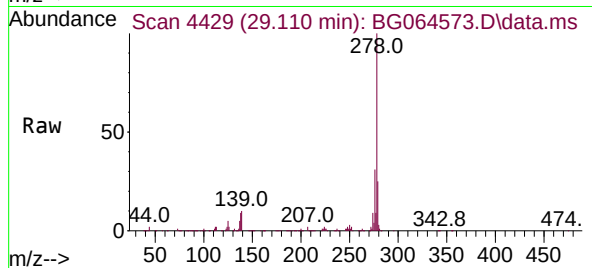
125 7.6 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 42.430 ng
RT: 29.110 min Scan# 4429
Delta R.T. -0.027 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

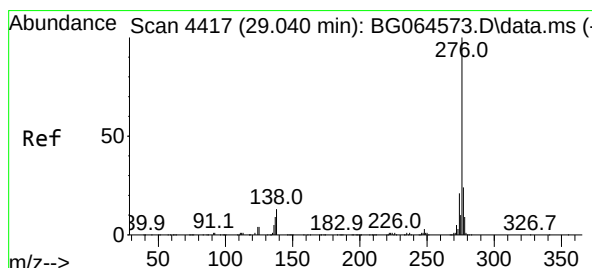
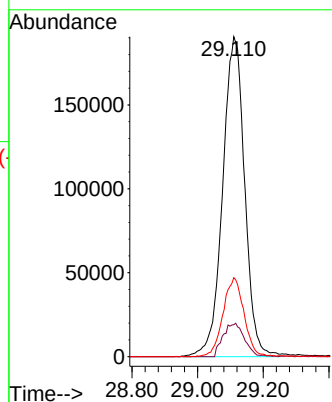
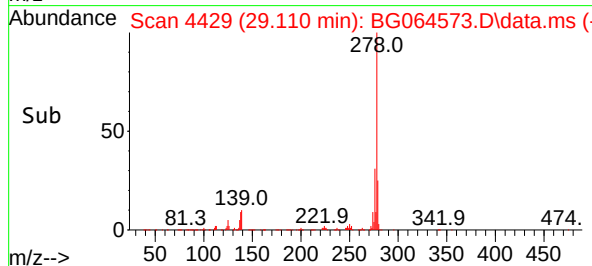
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 889808
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 24.7 19.8 29.6

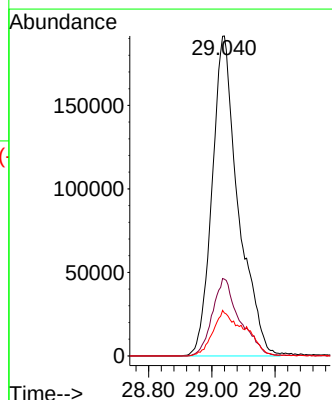
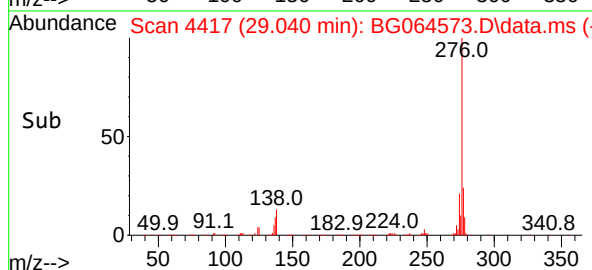
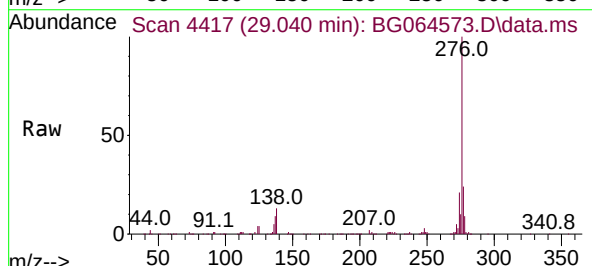
Manual Integrations
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Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 42.624 ng
RT: 29.040 min Scan# 4417
Delta R.T. -0.021 min
Lab File: BG064573.D
Acq: 24 Oct 2025 13:03

Tgt Ion:276 Resp: 1100259
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 13.4 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40271	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	168005	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	134994	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	324385	20.000	ng	0.00
76) Chrysene-d12	21.856	240	340896	20.000	ng	0.00
86) Perylene-d12	25.205	264	350916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	318446	132.728	ng	0.00
7) Phenol-d6	7.355	99	450449	136.821	ng	0.00
23) Nitrobenzene-d5	9.388	82	406268	145.243	ng	0.00
42) 2,4,6-Tribromophenol	16.321	330	280190	143.807	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	1120989	125.867	ng	0.00
79) Terphenyl-d14	20.176	244	2253704	124.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	67487	63.535	ng	98
3) Pyridine	4.001	79	209372	65.637	ng	98
4) n-Nitrosodimethylamine	3.907	42	111310	65.071	ng	94
6) Aniline	7.532	93	294791	65.803	ng	98
8) 2-Chlorophenol	7.779	128	176533	70.297	ng	98
9) Benzaldehyde	7.344	77	118559	65.963	ng	98
10) Phenol	7.379	94	244914	67.267	ng	98
11) bis(2-Chloroethyl)ether	7.532	93	294791	65.803	ng	99
12) 1,3-Dichlorobenzene	8.113	146	186290	64.452	ng	99
13) 1,4-Dichlorobenzene	8.254	146	188553	64.157	ng	95
14) 1,2-Dichlorobenzene	8.583	146	183593	64.766	ng	98
15) Benzyl Alcohol	8.448	79	185157	68.201	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.742	45	459295	65.410	ng	100
17) 2-Methylphenol	8.448	107	95860	70.639	ng	95
18) Hexachloroethane	9.324	117	67237	65.193	ng	99
19) n-Nitroso-di-n-propyla...	9.030	70	155683	68.424	ng	99
20) 3+4-Methylphenols	8.983	107	228995	67.359	ng	98
22) Acetophenone	9.048	105	297413	64.759	ng	# 96
24) Nitrobenzene	9.430	77	220774	72.567	ng	98
25) Isophorone	9.958	82	449298	66.940	ng	99
26) 2-Nitrophenol	10.146	139	76368	63.945	ng	98
27) 2,4-Dimethylphenol	10.193	122	181063m	71.099	ng	
28) bis(2-Chloroethoxy)met...	10.440	93	248699	65.078	ng	99
29) 2,4-Dichlorophenol	10.681	162	188233	70.056	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	200988	65.837	ng	95
31) Naphthalene	11.098	128	605239	64.976	ng	99
32) Benzoic acid	10.340	122	131162m	68.067	ng	
33) 4-Chloroaniline	11.192	127	245101	67.699	ng	98
34) Hexachlorobutadiene	11.392	225	154303	64.630	ng	97
35) Caprolactam	11.968	113	71319	69.206	ng	96
36) 4-Chloro-3-methylphenol	12.297	107	228833	70.853	ng	100
37) 2-Methylnaphthalene	12.690	142	447497	65.435	ng	98
38) 1-Methylnaphthalene	12.908	142	442677	65.785	ng	99
40) 1,2,4,5-Tetrachloroben...	13.055	216	290173	64.049	ng	100
41) Hexachlorocyclopentadiene	13.037	237	137727	67.540	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	184771	71.299	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064574.D
 Acq On : 24 Oct 2025 13:44
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

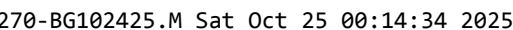
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	209320	69.994	ng	96
46) 1,1'-Biphenyl	13.683	154	606860	63.233	ng	98
47) 2-Chloronaphthalene	13.730	162	463792	64.022	ng	98
48) 2-Nitroaniline	13.913	65	163796	66.052	ng	95
49) Acenaphthylene	14.571	152	739728	64.738	ng	100
50) Dimethylphthalate	14.289	163	688128	66.616	ng	99
51) 2,6-Dinitrotoluene	14.400	165	114588	65.951	ng	95
52) Acenaphthene	14.911	154	510499	65.392	ng	98
53) 3-Nitroaniline	14.729	138	131776	74.231	ng	91
54) 2,4-Dinitrophenol	14.929	184	66900	65.082	ng	# 75
55) Dibenzofuran	15.240	168	804964	63.779	ng	97
56) 4-Nitrophenol	15.017	139	114408	69.512	ng	97
57) 2,4-Dinitrotoluene	15.187	165	175802	65.522	ng	# 100
58) Fluorene	15.887	166	627437	63.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.458	232	205529	71.870	ng	99
60) Diethylphthalate	15.652	149	695924	65.982	ng	99
61) 4-Chlorophenyl-phenyle...	15.875	204	359759	65.038	ng	99
62) 4-Nitroaniline	15.893	138	143839	72.832	ng	98
63) Azobenzene	16.169	77	633520	65.464	ng	99
65) 4,6-Dinitro-2-methylph...	15.945	198	94338	64.046	ng	93
66) n-Nitrosodiphenylamine	16.086	169	577835	65.944	ng	99
67) 4-Bromophenyl-phenylether	16.768	248	256556	66.740	ng	100
68) Hexachlorobenzene	16.891	284	293831	67.001	ng	96
69) Atrazine	17.026	200	254070	67.378	ng	97
70) Pentachlorophenol	17.226	266	193954	70.923	ng	91
71) Phenanthrene	17.626	178	1147317	64.676	ng	99
72) Anthracene	17.714	178	1171223	64.905	ng	99
73) Carbazole	17.972	167	1000680	62.887	ng	99
74) Di-n-butylphthalate	18.536	149	1165396	63.334	ng	99
75) Fluoranthene	19.618	202	1364891	61.419	ng	98
77) Benzidine	19.782	184	544918	71.348	ng	99
78) Pyrene	19.976	202	1437669	64.549	ng	99
80) Butylbenzylphthalate	20.857	149	477358	70.914	ng	98
81) Benzo(a)anthracene	21.839	228	1462488	64.702	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	497174	65.868	ng	99
83) Chrysene	21.909	228	1389821	64.621	ng	98
84) Bis(2-ethylhexyl)phtha...	21.750	149	681649	67.768	ng	98
85) Di-n-octyl phthalate	23.014	149	1142651	67.379	ng	100
87) Indeno(1,2,3-cd)pyrene	29.048	276	1729035	66.979	ng	98
88) Benzo(b)fluoranthene	24.142	252	1424640	66.207	ng	99
89) Benzo(k)fluoranthene	24.218	252	1436312	66.703	ng	99
90) Benzo(a)pyrene	25.052	252	1311701	66.315	ng	100
91) Dibenzo(a,h)anthracene	29.124	278	1394234	66.479	ng	99
92) Benzo(g,h,i)perylene	29.048	276	1729035	66.979	ng	98

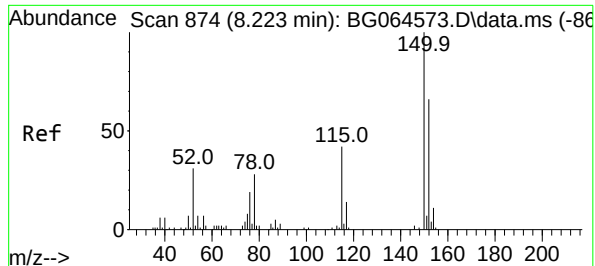
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

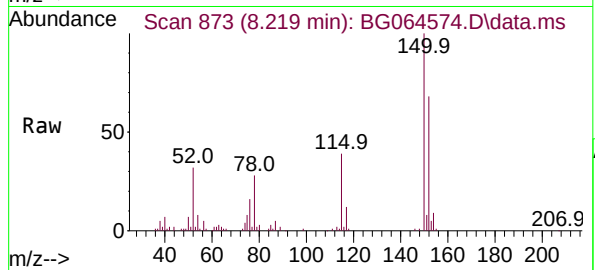
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

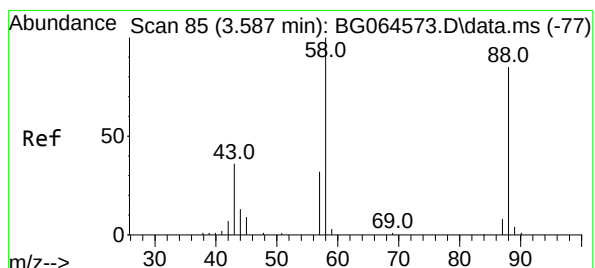
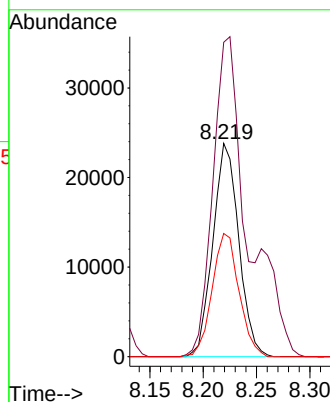
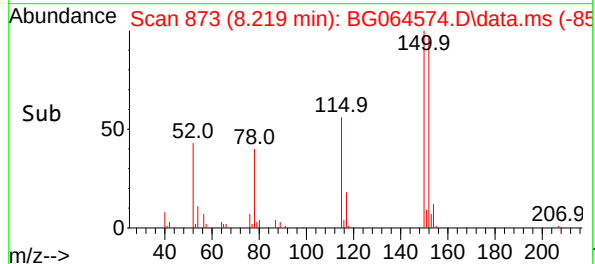
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 4027
Ion Ratio Lower Upper
152 100
150 147.4 122.2 183.4
115 57.8 50.8 76.2

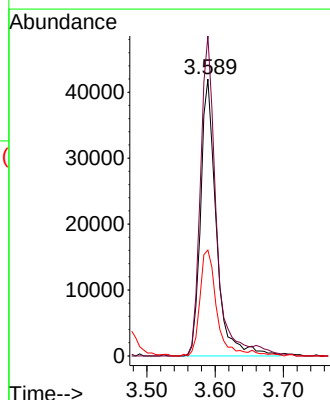
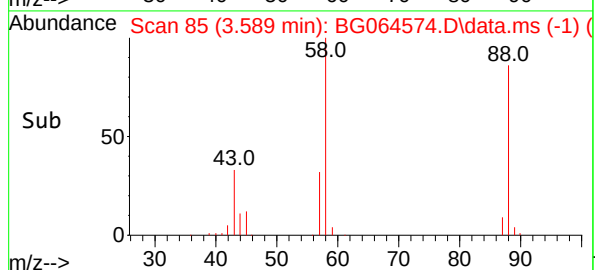
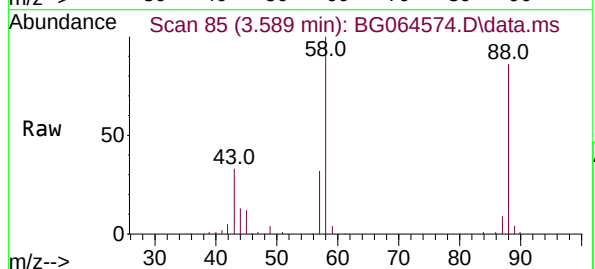
Manual Integrations
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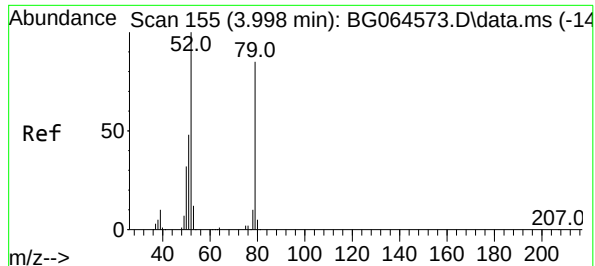
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 63.535 ng
RT: 3.589 min Scan# 85
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

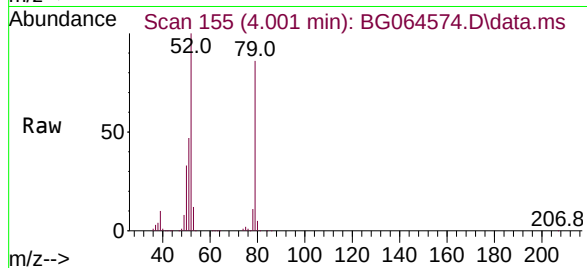
Tgt Ion: 88 Resp: 67487
Ion Ratio Lower Upper
88 100
58 113.3 92.4 138.6
43 40.0 33.0 49.6





#3
Pyridine
Concen: 65.637 ng
RT: 4.001 min Scan# 155
Delta R.T. 0.005 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

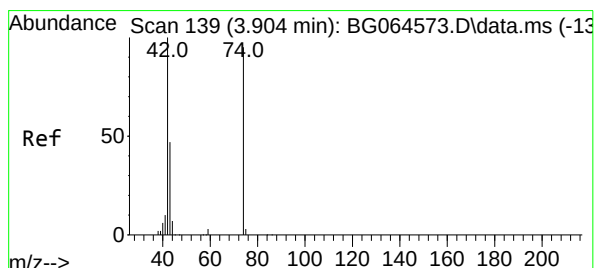
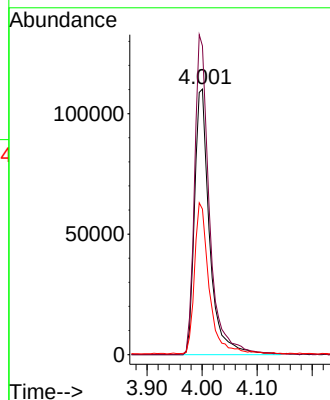
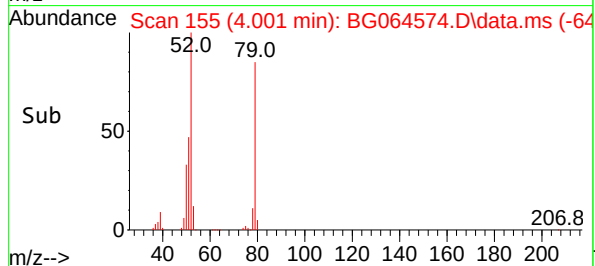
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 209372
Ion Ratio Lower Upper
79 100
52 116.3 94.2 141.2
51 54.8 46.1 69.1

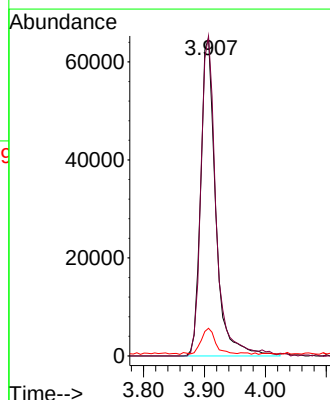
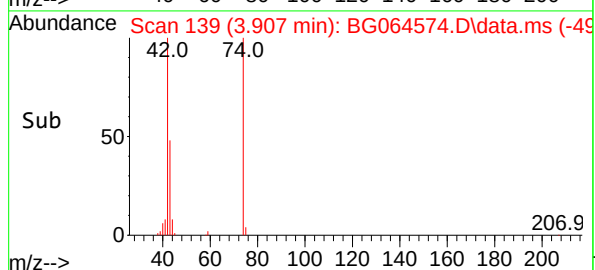
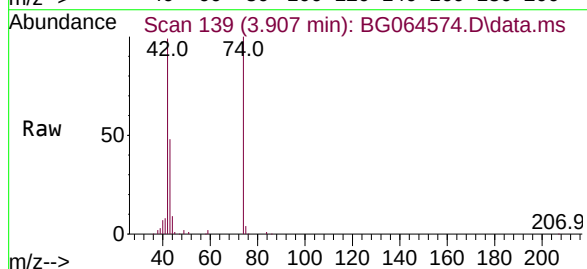
Manual Integrations
APPROVED

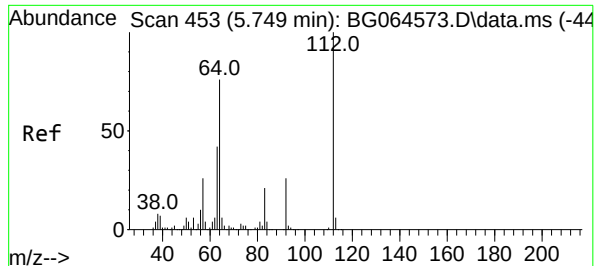
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#4
n-Nitrosodimethylamine
Concen: 65.071 ng
RT: 3.907 min Scan# 139
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

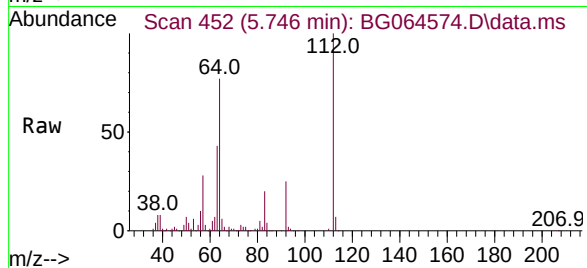
Tgt Ion: 42 Resp: 111310
Ion Ratio Lower Upper
42 100
74 100.7 76.1 114.1
44 8.7 6.3 9.5





#5
2-Fluorophenol
Concen: 132.728 ng
RT: 5.746 min Scan# 453
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

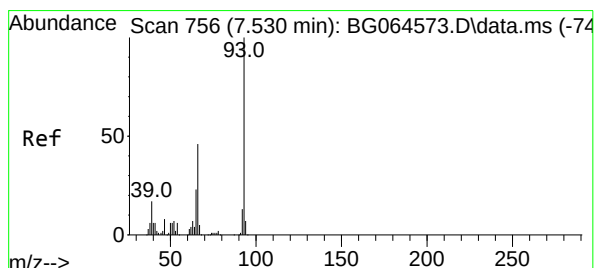
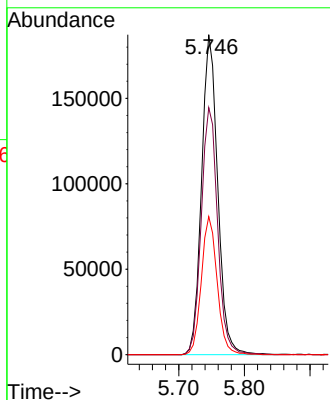
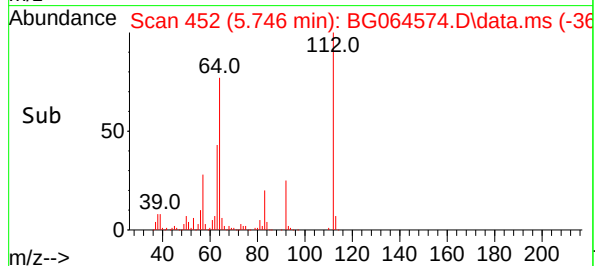
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 112 Resp: 318446
Ion Ratio Lower Upper
112 100
64 77.2 60.7 91.1
63 43.1 33.4 50.0

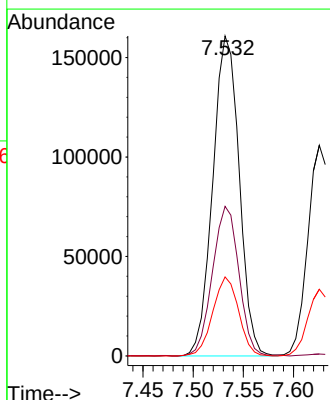
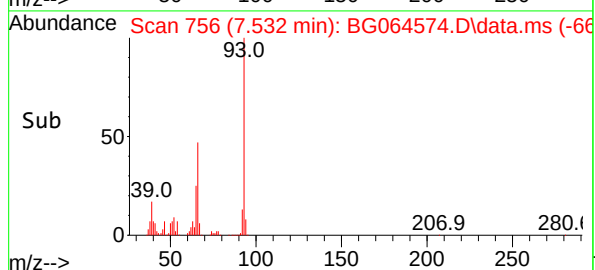
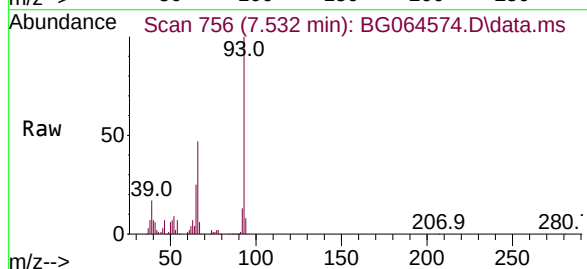
Manual Integrations
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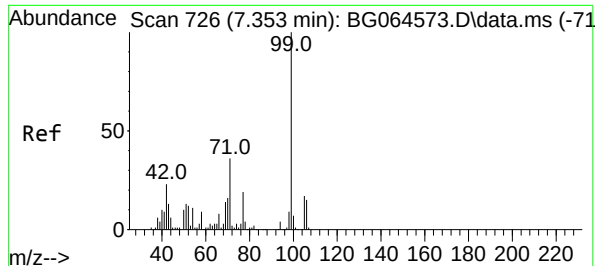
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 65.803 ng
RT: 7.532 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

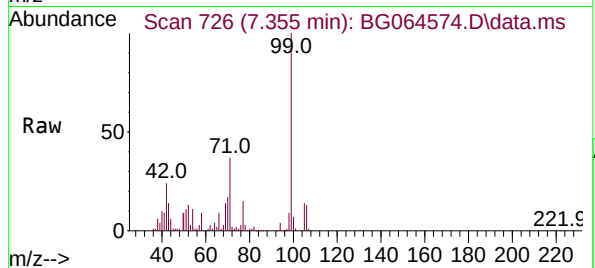
Tgt Ion: 93 Resp: 294791
Ion Ratio Lower Upper
93 100
66 46.7 37.0 55.6
65 24.7 18.3 27.5





#7
Phenol-d6
Concen: 136.821 ng
RT: 7.355 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

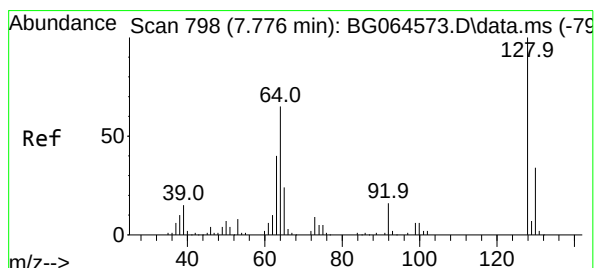
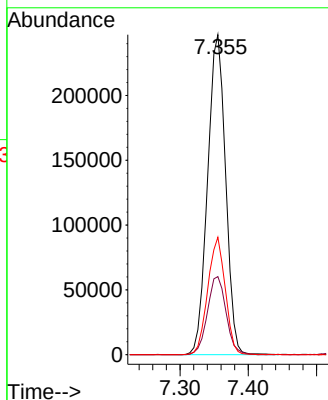
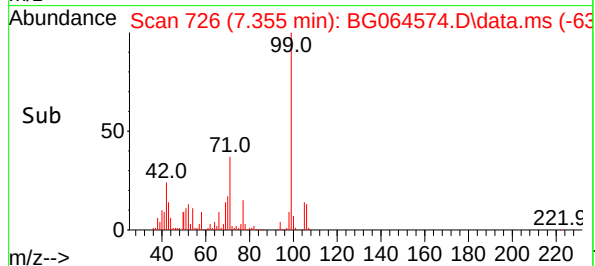
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 450449
Ion Ratio Lower Upper
99 100
42 24.4 18.3 27.5
71 36.7 28.6 43.0

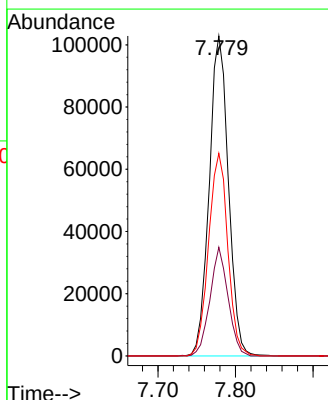
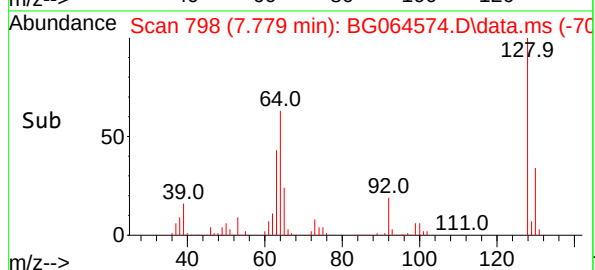
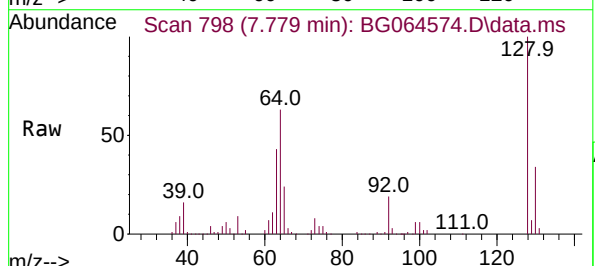
Manual Integrations
APPROVED

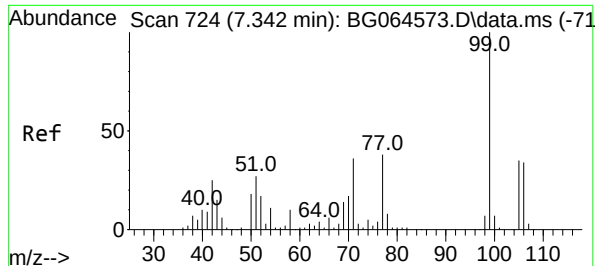
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 70.297 ng
RT: 7.779 min Scan# 798
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:128 Resp: 176533
Ion Ratio Lower Upper
128 100
130 33.9 13.5 53.5
64 63.3 45.2 85.2





#9

Benzaldehyde

Concen: 65.963 ng

RT: 7.344 min Scan# 71

Delta R.T. 0.005 min

Lab File: BG064574.D

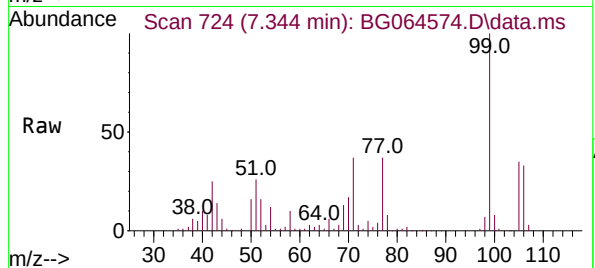
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



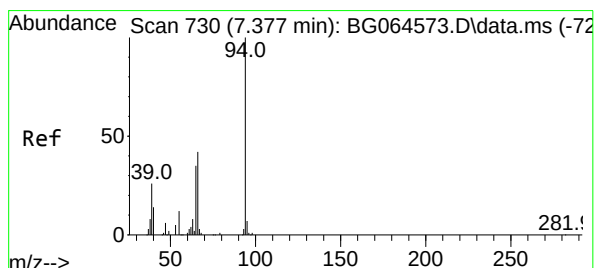
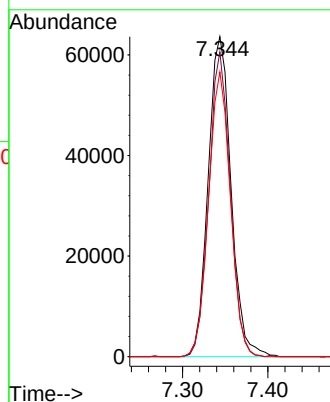
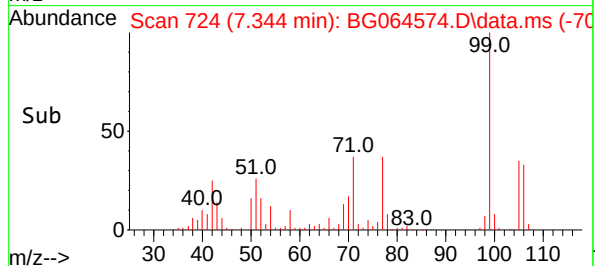
Tgt Ion:	77	Resp:	118559
Ion	Ratio	Lower	Upper
77	100		
105	95.2	72.9	112.9
106	89.0	70.8	110.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#10

Phenol

Concen: 67.267 ng

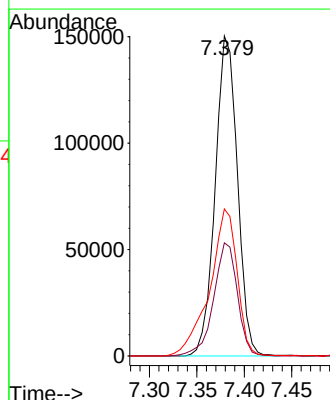
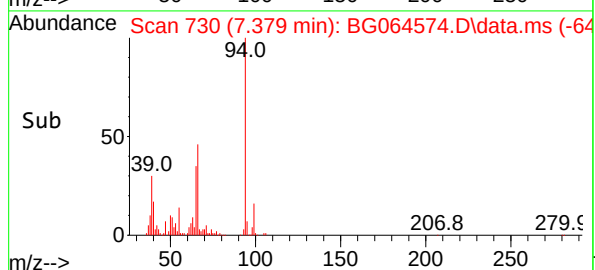
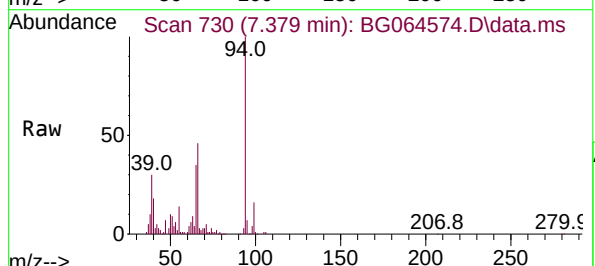
RT: 7.379 min Scan# 730

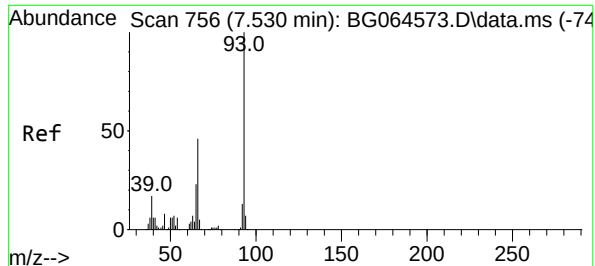
Delta R.T. -0.007 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

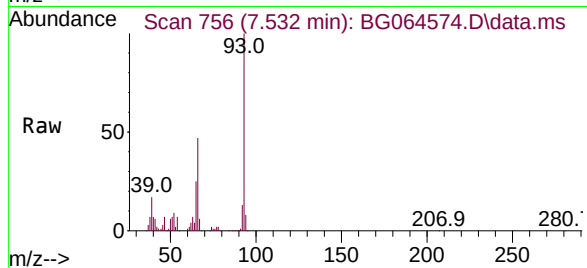
Tgt Ion:	94	Resp:	244914
Ion	Ratio	Lower	Upper
94	100		
65	35.3	15.8	55.8
66	45.9	24.0	64.0





#11
bis(2-Chloroethyl)ether
Concen: 65.803 ng
RT: 7.532 min Scan# 756
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

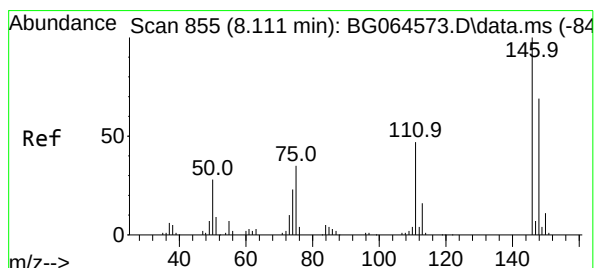
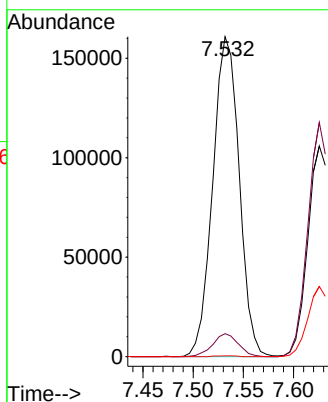
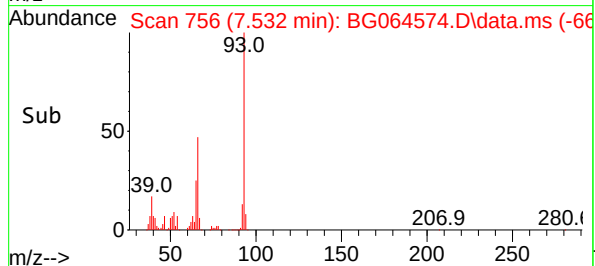
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 93 Resp: 294791
Ion Ratio Lower Upper
93 100
63 7.2 0.0 27.4
95 0.2 0.0 20.2

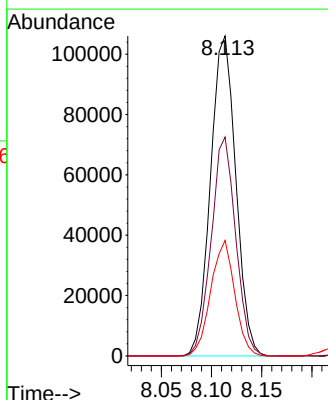
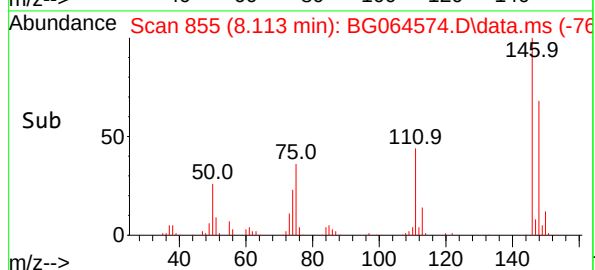
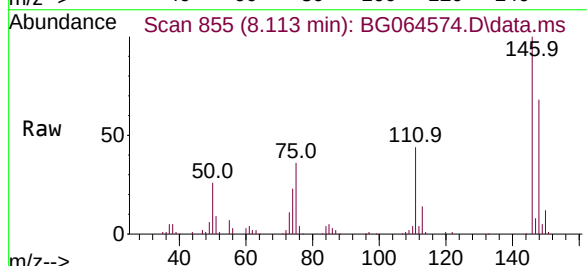
Manual Integrations
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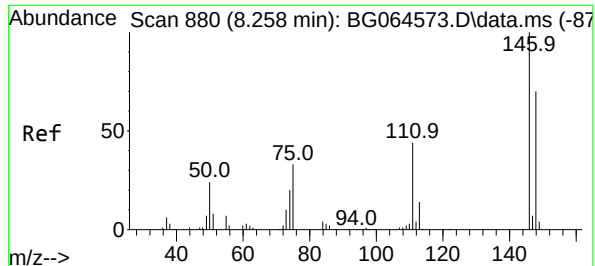
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 64.452 ng
RT: 8.113 min Scan# 855
Delta R.T. 0.005 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:146 Resp: 186290
Ion Ratio Lower Upper
146 100
148 68.4 55.3 82.9
75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 64.157 ng

RT: 8.254 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 188553

Ion Ratio Lower Upper

146 100

148 65.5 56.2 84.4

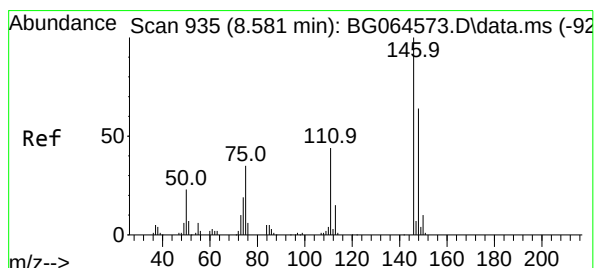
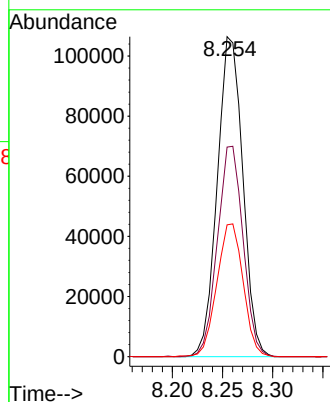
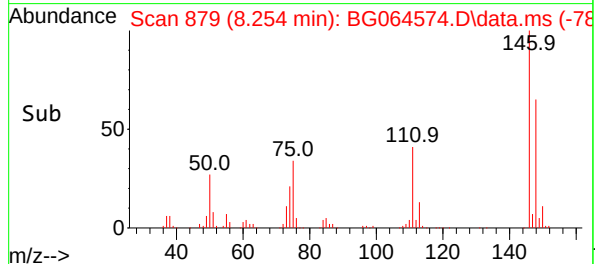
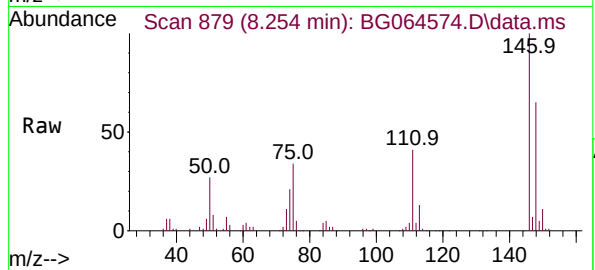
111 41.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 64.766 ng

RT: 8.583 min Scan# 935

Delta R.T. 0.005 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

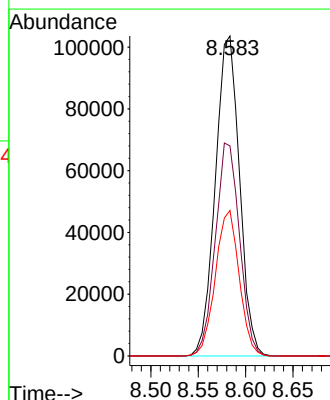
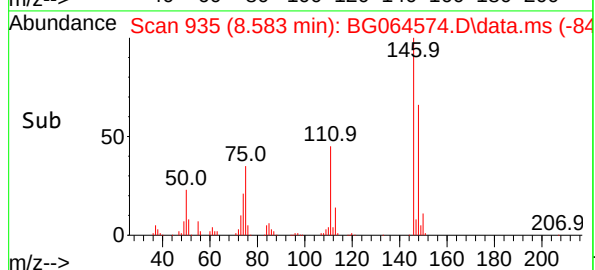
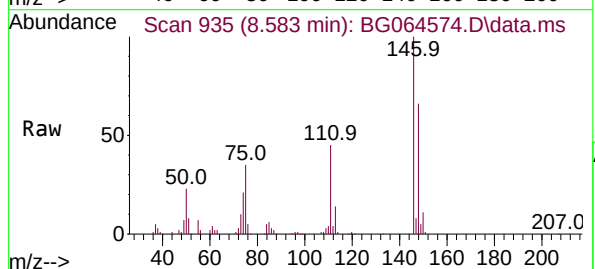
Tgt Ion:146 Resp: 183593

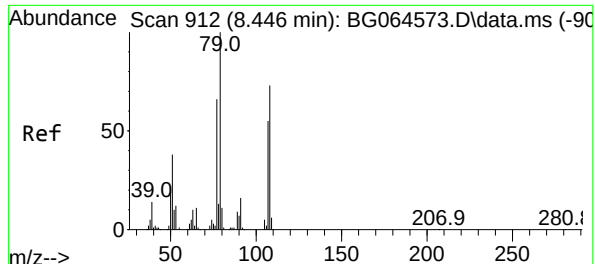
Ion Ratio Lower Upper

146 100

148 65.6 51.5 77.3

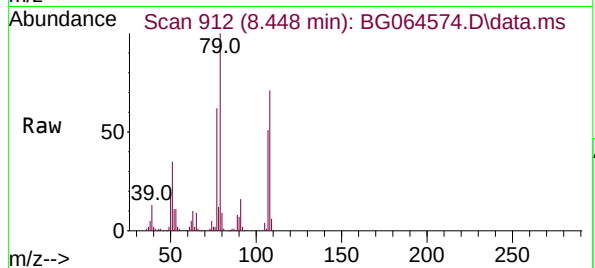
111 45.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 68.201 ng
RT: 8.448 min Scan# 912
Delta R.T. -0.007 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

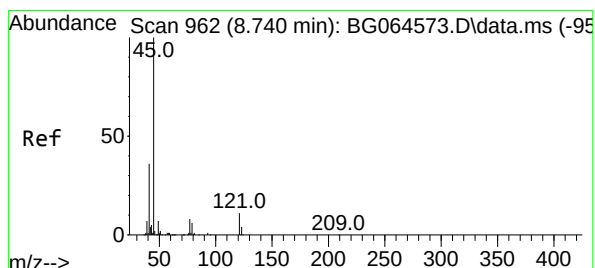
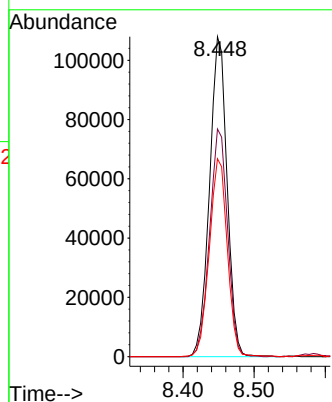
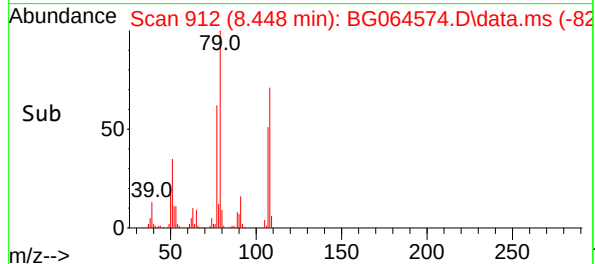
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 185152
Ion Ratio Lower Upper
79 100
108 71.1 58.1 87.1
77 61.8 52.8 79.2

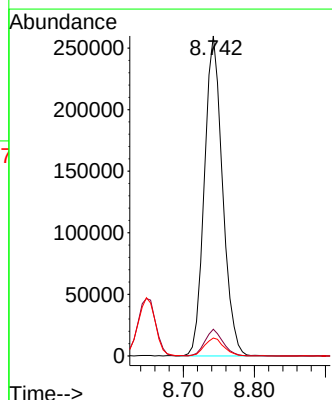
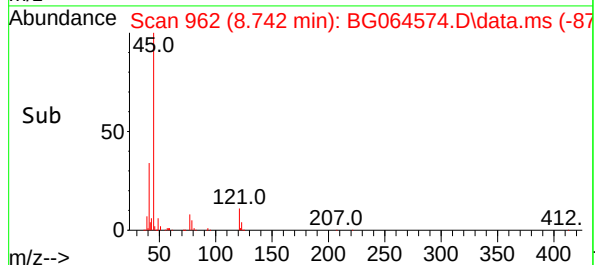
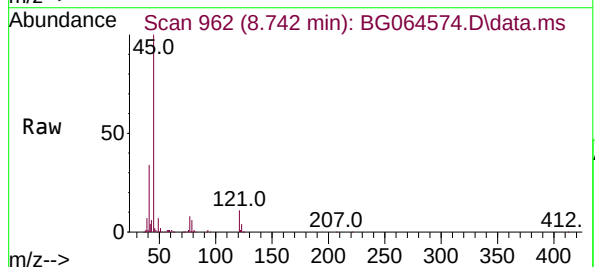
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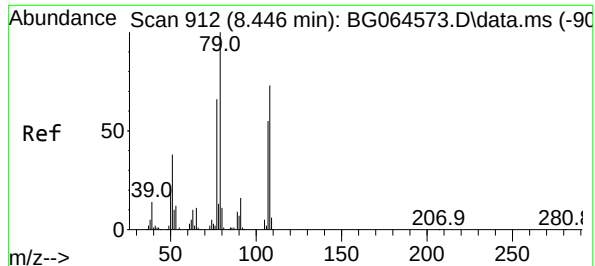
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 65.410 ng
RT: 8.742 min Scan# 962
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion: 45 Resp: 459295
Ion Ratio Lower Upper
45 100
77 8.3 0.0 28.5
79 5.6 0.0 25.6





#17

2-Methylphenol

Concen: 70.639 ng

RT: 8.448 min Scan# 912

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 95860

Ion Ratio Lower Upper

107 100

108 139.2 106.4 159.6

77 121.0 96.7 145.1

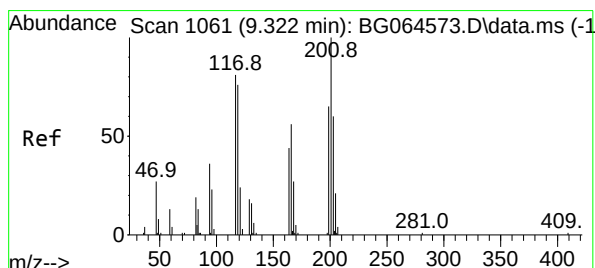
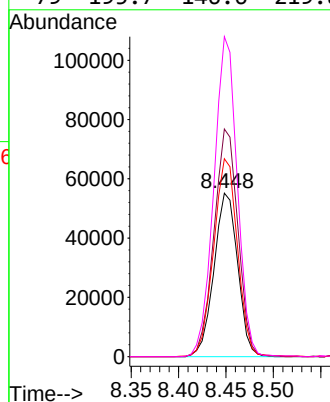
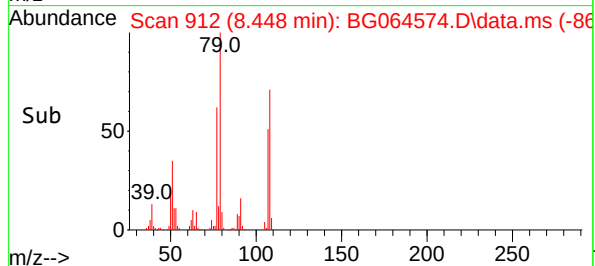
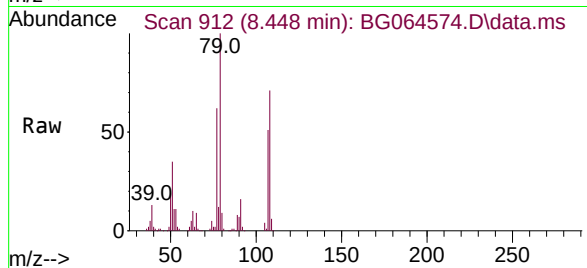
79 195.7 146.6 219.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 65.193 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

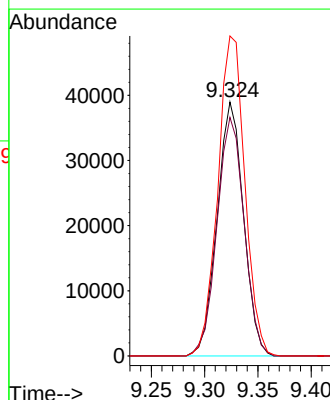
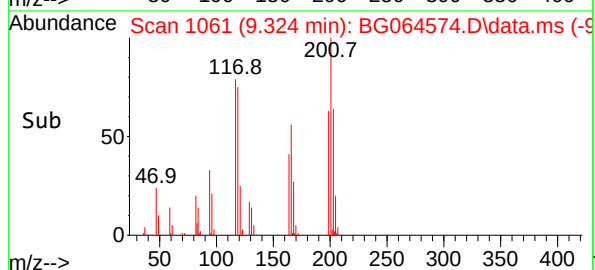
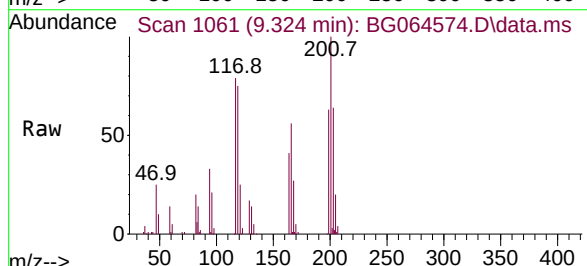
Tgt Ion:117 Resp: 67237

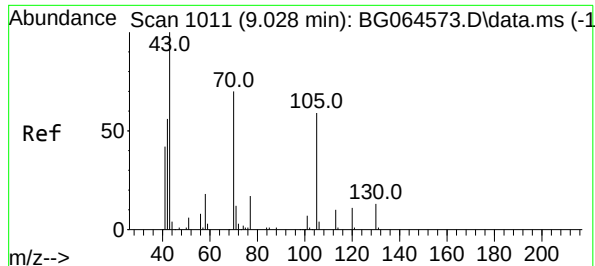
Ion Ratio Lower Upper

117 100

119 93.9 75.4 113.2

201 126.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 68.424 ng

RT: 9.030 min Scan# 1011

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 155683

Ion Ratio Lower Upper

70 100

42 80.9 65.2 97.8

101 9.4 7.9 11.9

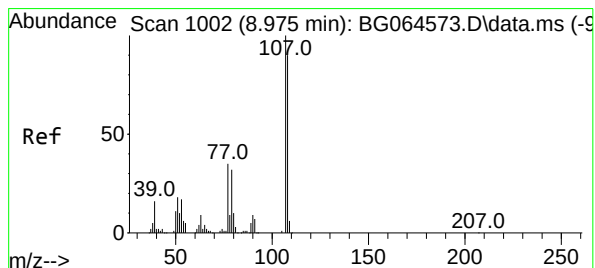
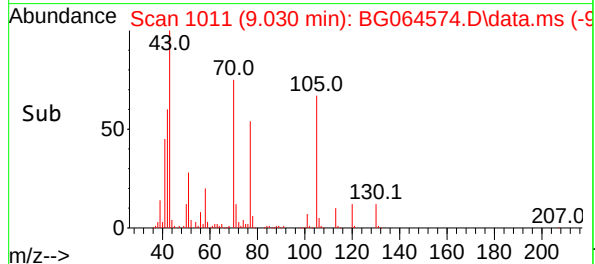
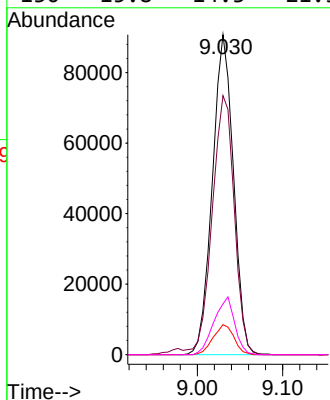
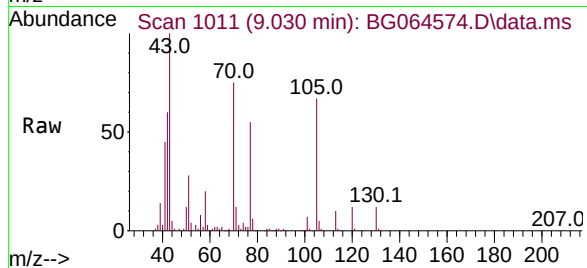
130 15.8 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 67.359 ng

RT: 8.983 min Scan# 1003

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Tgt Ion:107 Resp: 228995

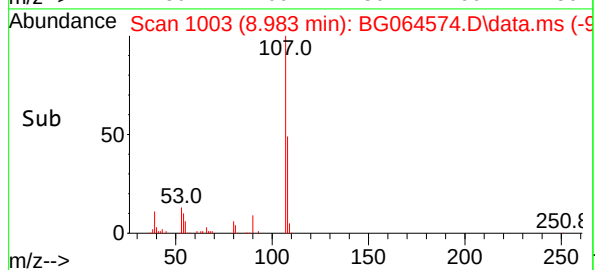
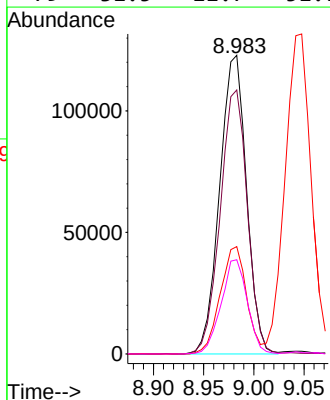
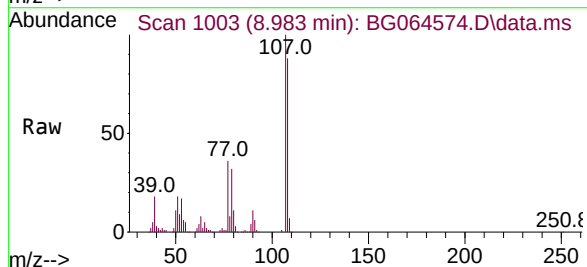
Ion Ratio Lower Upper

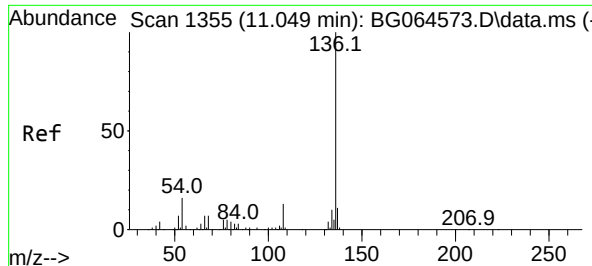
107 100

108 88.4 70.3 110.3

77 35.9 14.6 54.6

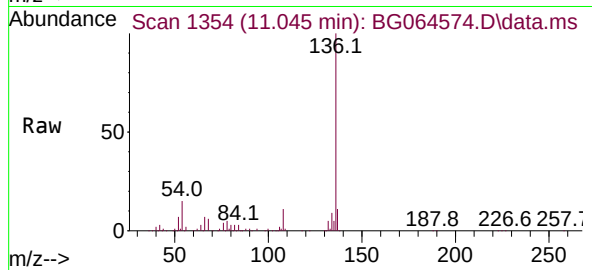
79 31.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.007 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

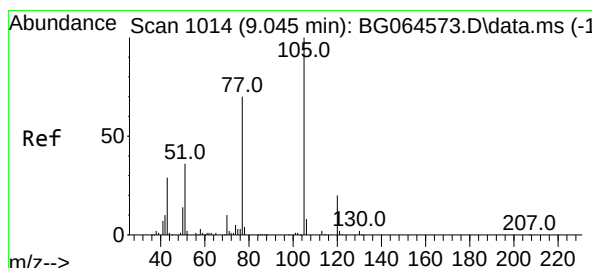
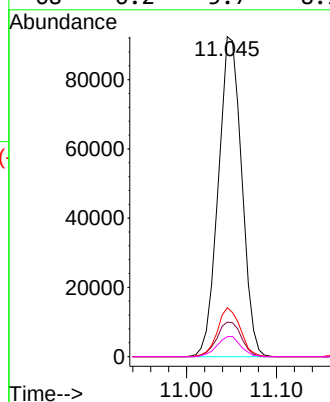
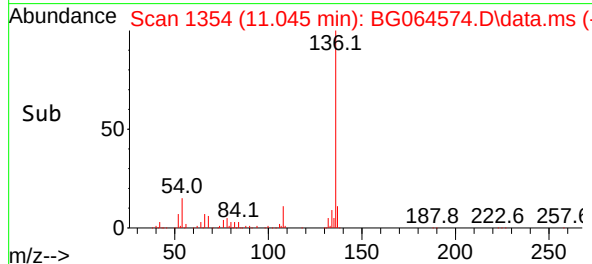
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 168005
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 15.3 12.6 19.0
68 6.2 5.7 8.5

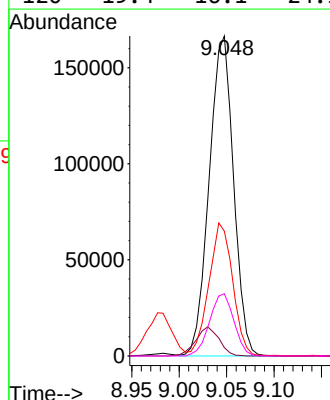
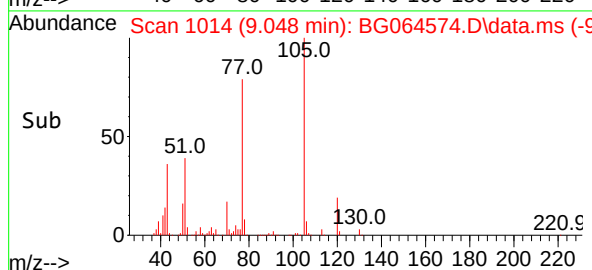
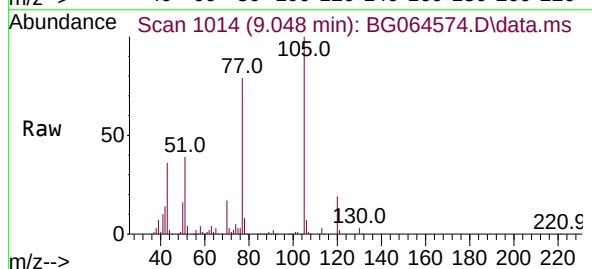
Manual Integrations
APPROVED

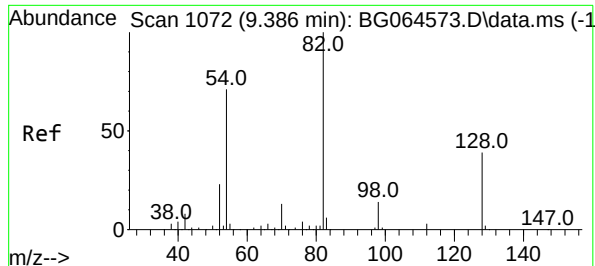
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 64.759 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:105 Resp: 297413
Ion Ratio Lower Upper
105 100
71 2.6 1.5 2.3#
51 39.0 33.7 50.5
120 19.4 16.1 24.1





#23

Nitrobenzene-d5

Concen: 145.243 ng

RT: 9.388 min Scan# 1072

Delta R.T. -0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 406268

Ion Ratio Lower Upper

82 100

128 38.5 31.3 46.9

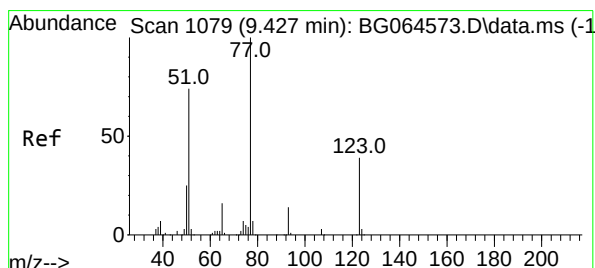
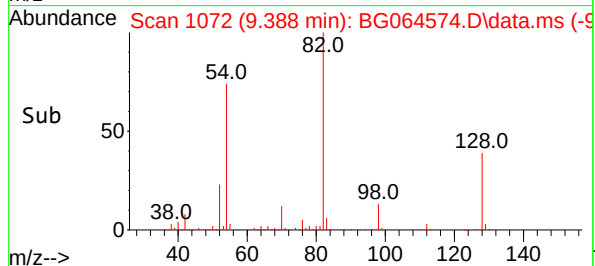
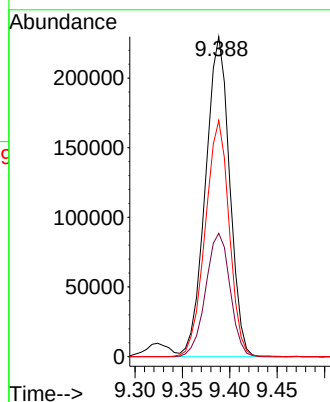
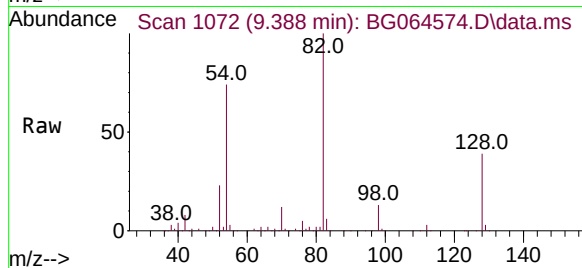
54 73.8 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 72.567 ng

RT: 9.430 min Scan# 1079

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

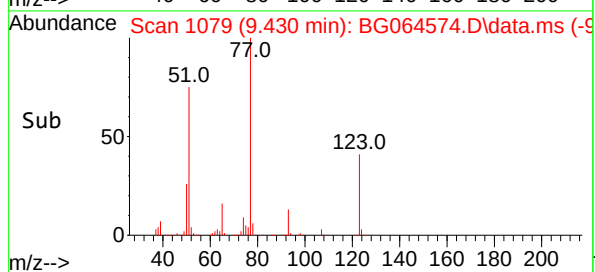
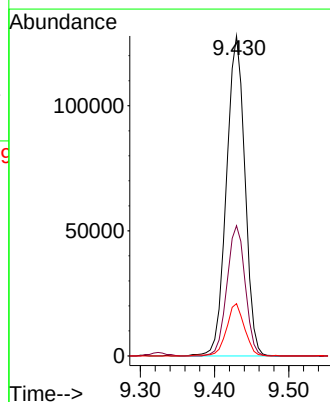
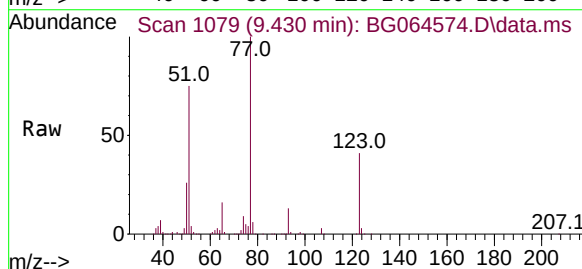
Tgt Ion: 77 Resp: 220774

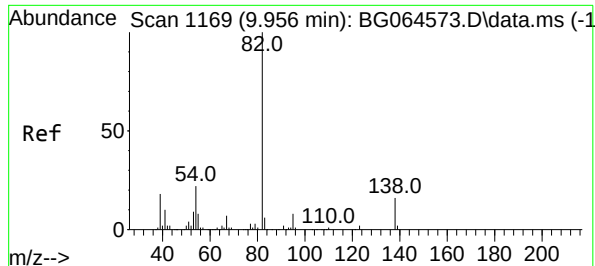
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.3 12.7 19.1





#25

Isophorone

Concen: 66.940 ng

RT: 9.958 min Scan# 1169

Delta R.T. -0.008 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 449298

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

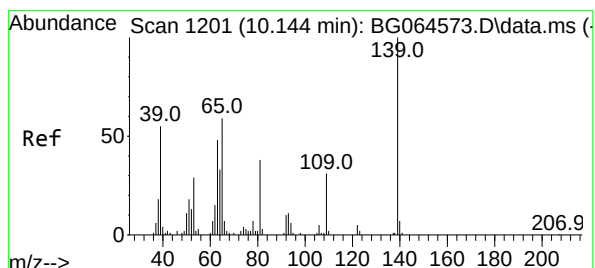
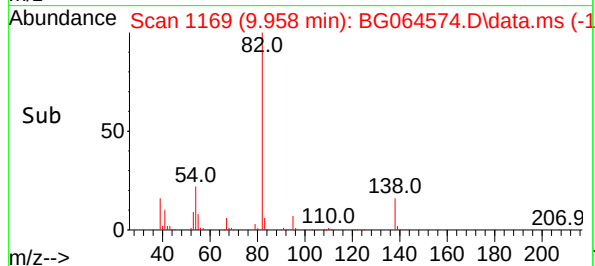
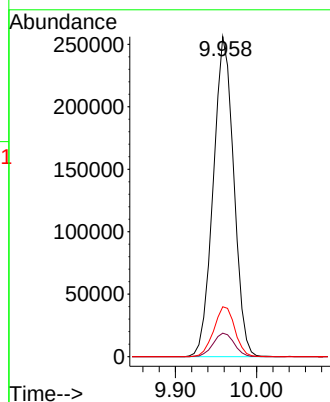
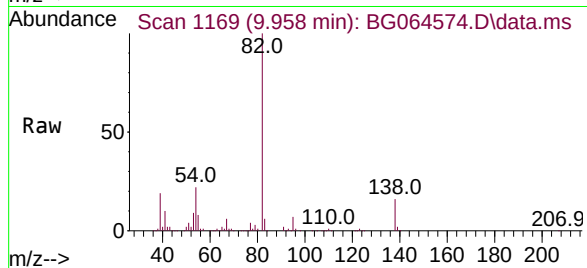
138 15.6 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#26

2-Nitrophenol

Concen: 63.945 ng

RT: 10.146 min Scan# 1201

Delta R.T. -0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

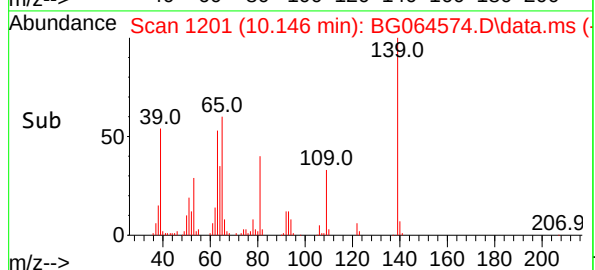
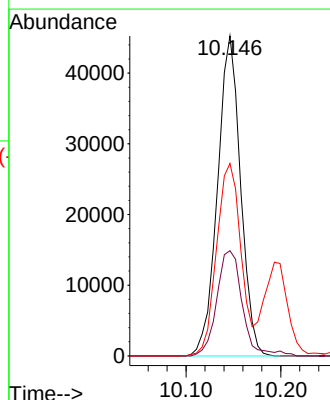
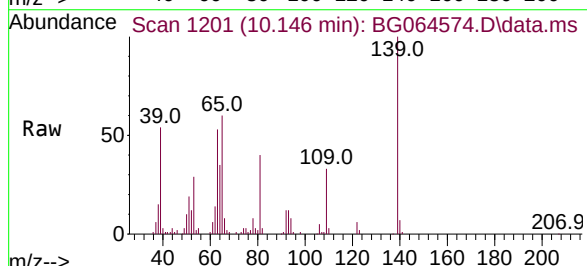
Tgt Ion:139 Resp: 76368

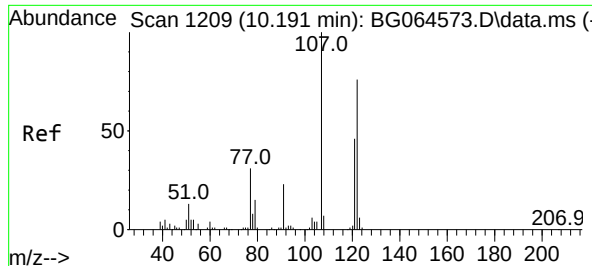
Ion Ratio Lower Upper

139 100

109 32.9 24.6 37.0

65 60.1 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 71.099 ng m

RT: 10.193 min Scan# 1209

Delta R.T. -0.001 min

Lab File: BG064574.D

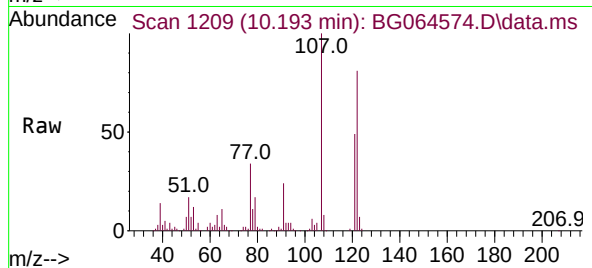
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 181063

Ion Ratio Lower Upper

122 100

107 123.8 103.0 154.4

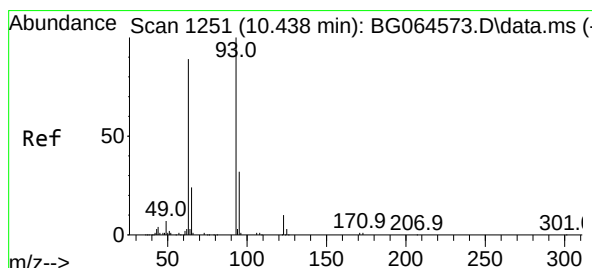
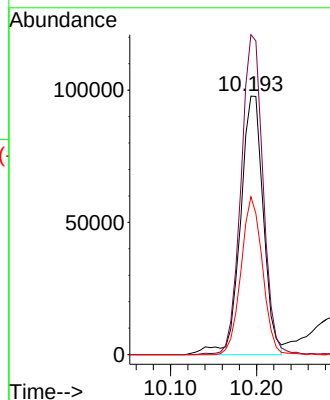
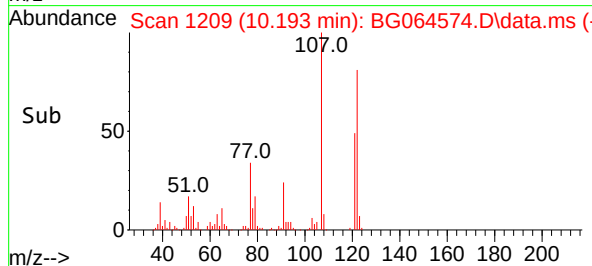
121 61.1 47.8 71.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 65.078 ng

RT: 10.440 min Scan# 1251

Delta R.T. 0.005 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

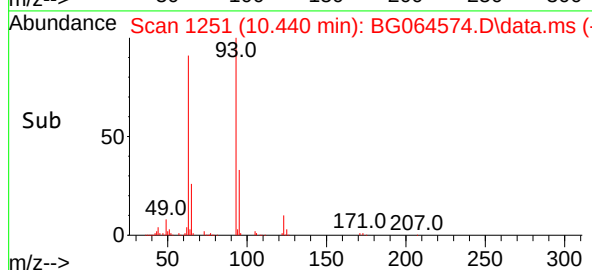
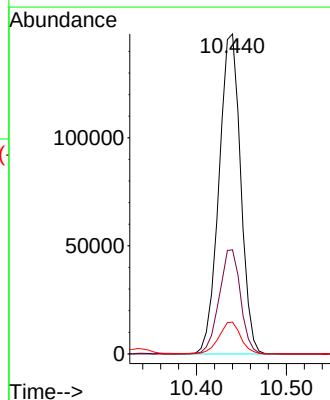
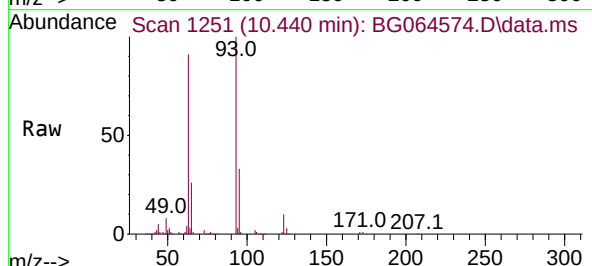
Tgt Ion: 93 Resp: 248699

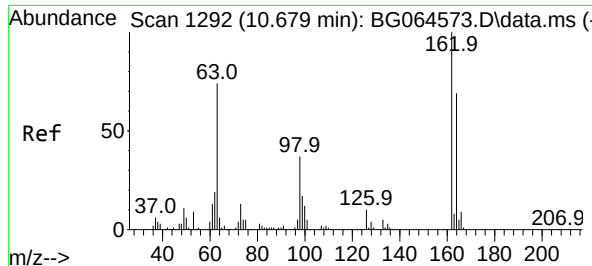
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 9.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 70.056 ng

RT: 10.681 min Scan# 1292

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 188233

Ion Ratio Lower Upper

162 100

164 64.9 48.7 88.7

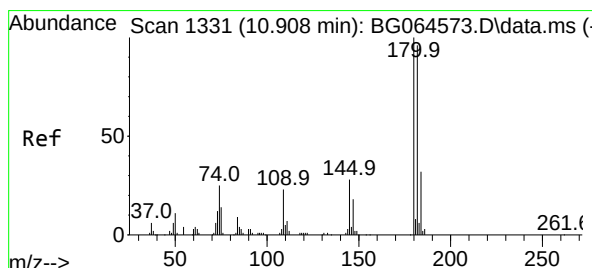
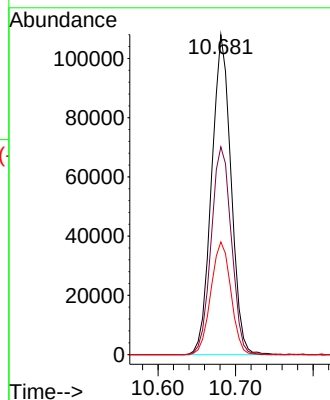
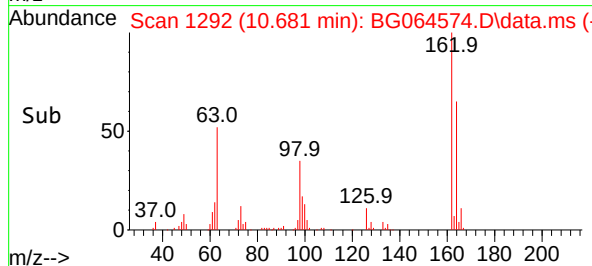
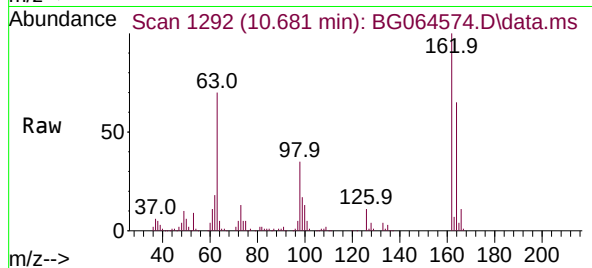
98 35.2 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 65.837 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

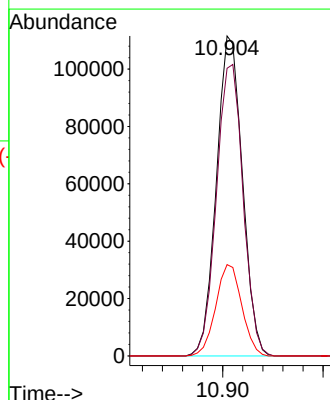
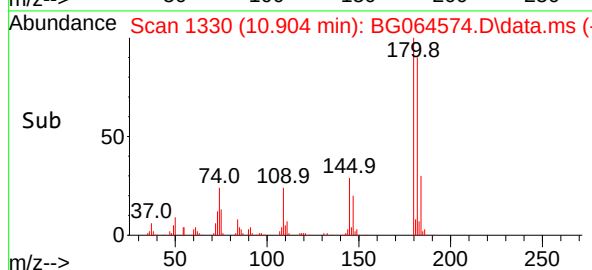
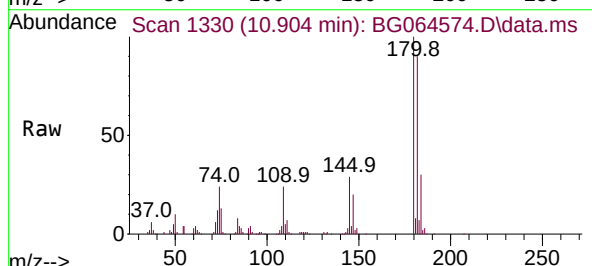
Tgt Ion:180 Resp: 200988

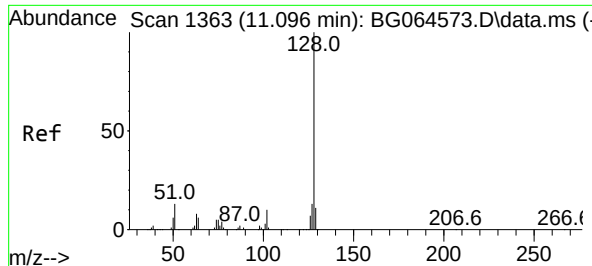
Ion Ratio Lower Upper

180 100

182 89.9 76.9 115.3

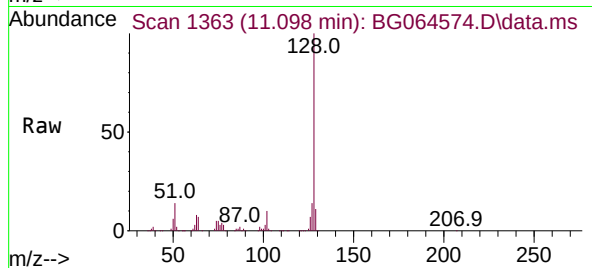
145 28.5 22.1 33.1





#31
Naphthalene
Concen: 64.976 ng
RT: 11.098 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

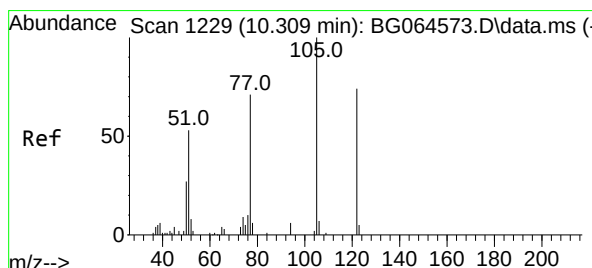
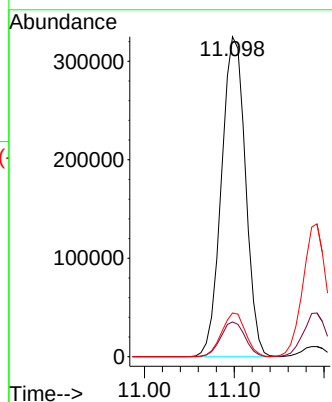
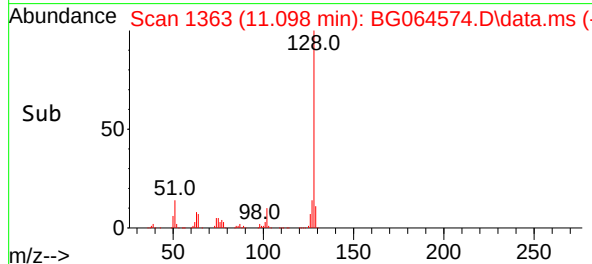
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 605239
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.6 15.8

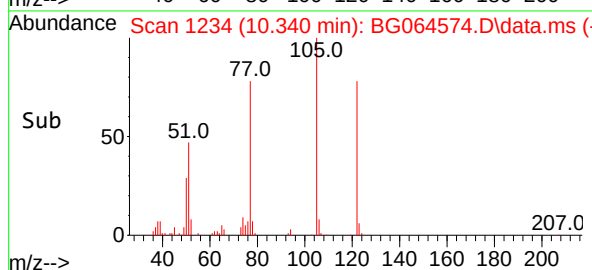
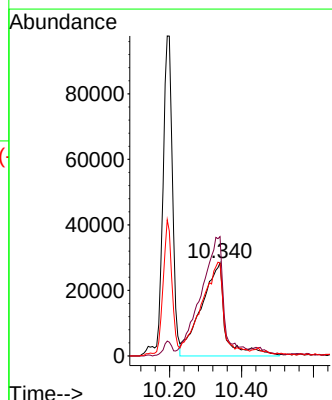
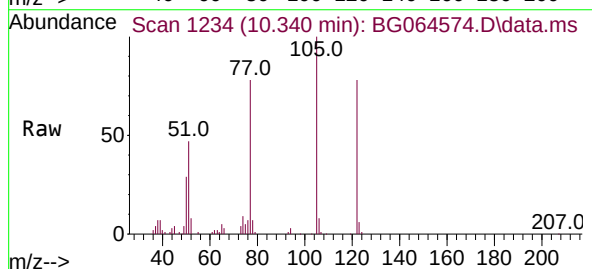
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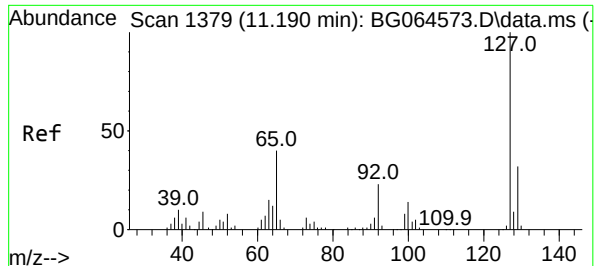
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 68.067 ng m
RT: 10.340 min Scan# 1234
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

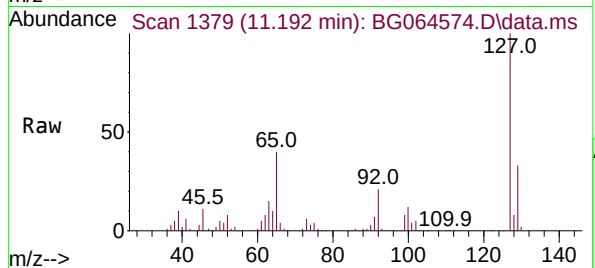
Tgt Ion:122 Resp: 131162
Ion Ratio Lower Upper
122 100
105 128.3 104.2 144.2
77 99.8 70.2 110.2





#33
4-Chloroaniline
Concen: 67.699 ng
RT: 11.192 min Scan# 1379
Delta R.T. 0.005 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

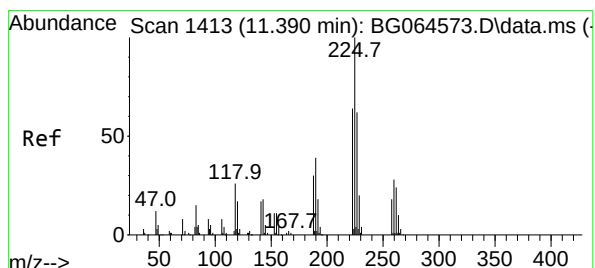
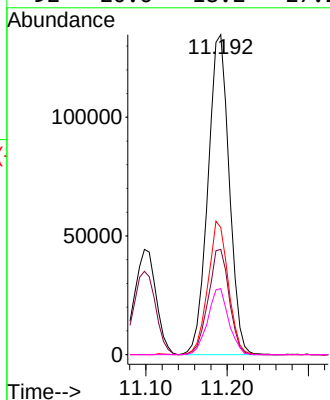
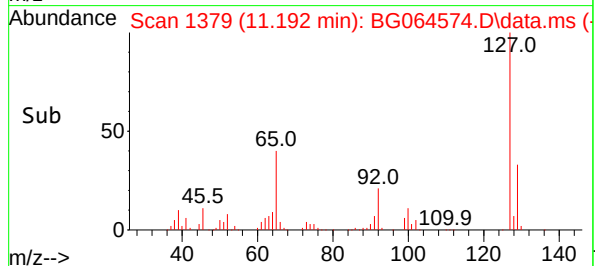
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 245103
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3
65 39.7 32.2 48.4
92 20.6 18.2 27.2

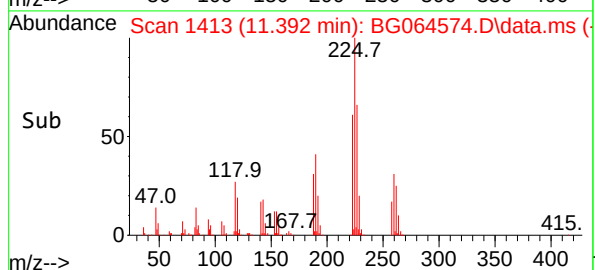
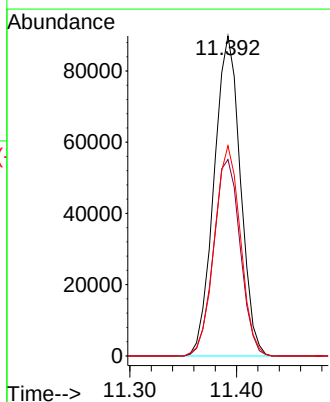
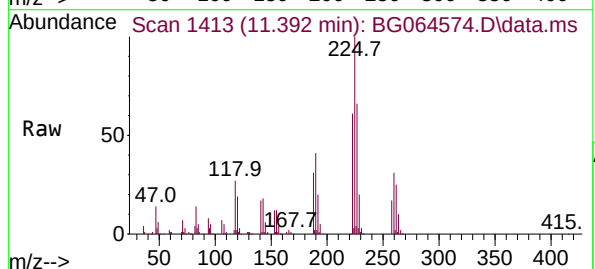
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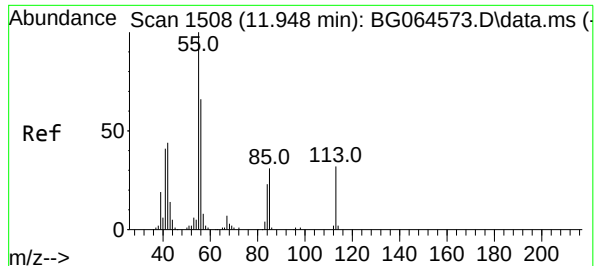
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#34
Hexachlorobutadiene
Concen: 64.630 ng
RT: 11.392 min Scan# 1413
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

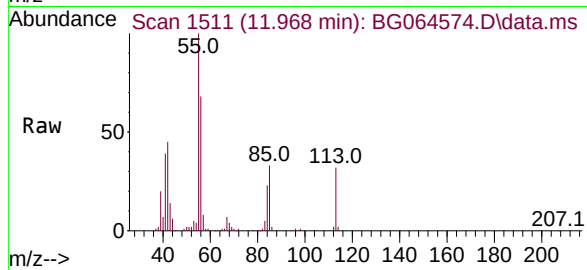
Tgt Ion:225 Resp: 154303
Ion Ratio Lower Upper
225 100
223 61.4 48.8 73.2
227 65.7 49.5 74.3





#35
Caprolactam
Concen: 69.206 ng
RT: 11.968 min Scan# 1511
Delta R.T. -0.007 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

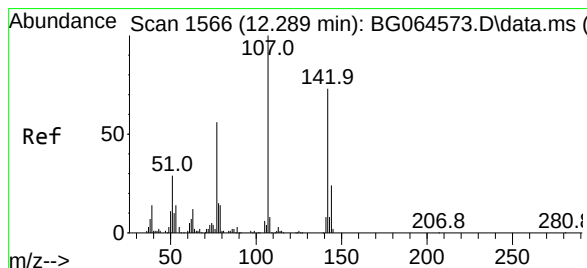
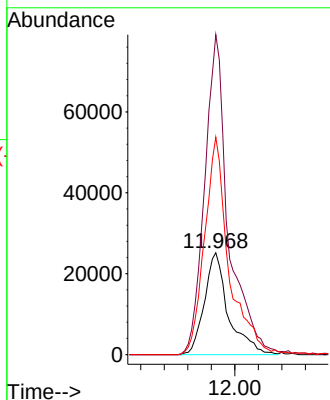
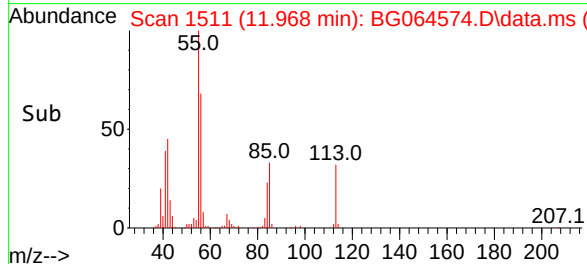
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 71319
Ion Ratio Lower Upper
113 100
55 314.3 290.1 330.1
56 213.7 183.8 223.8

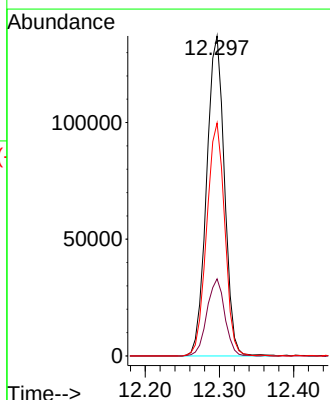
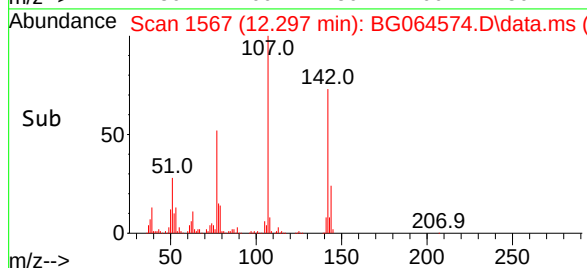
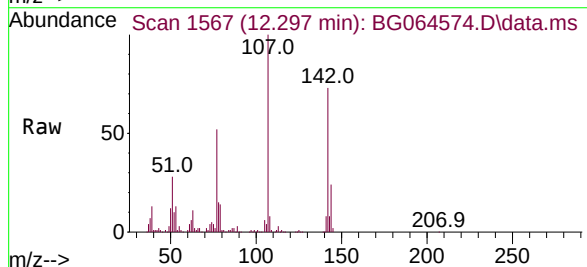
Manual Integrations
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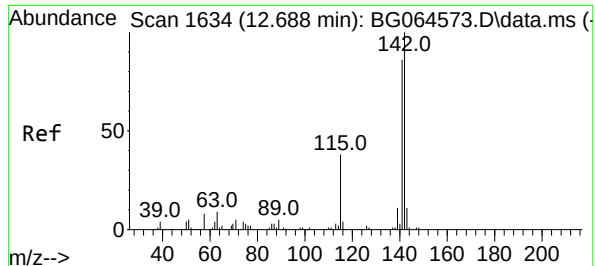
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#36
4-Chloro-3-methylphenol
Concen: 70.853 ng
RT: 12.297 min Scan# 1567
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

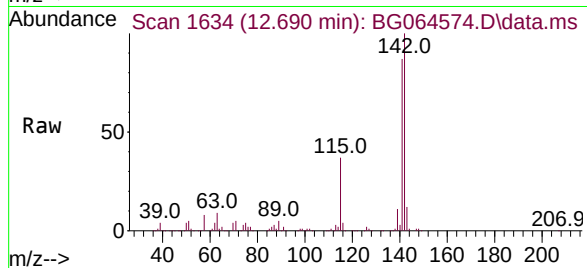
Tgt Ion:107 Resp: 228833
Ion Ratio Lower Upper
107 100
144 24.1 19.1 28.7
142 72.8 58.6 87.8





#37
2-Methylnaphthalene
Concen: 65.435 ng
RT: 12.690 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

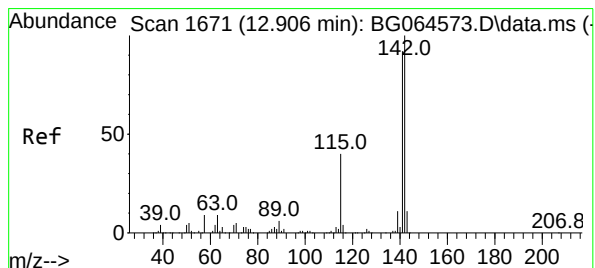
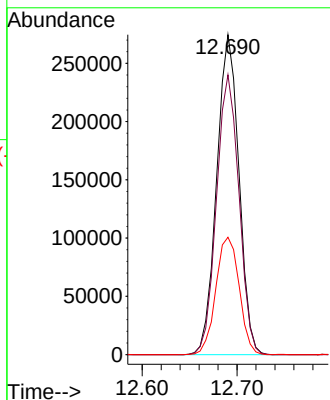
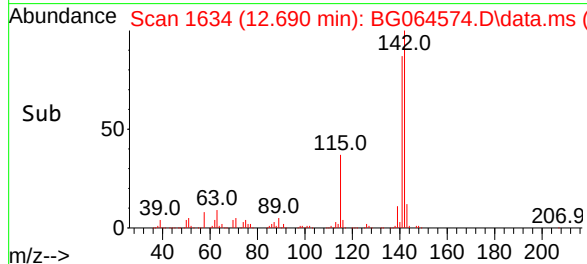
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



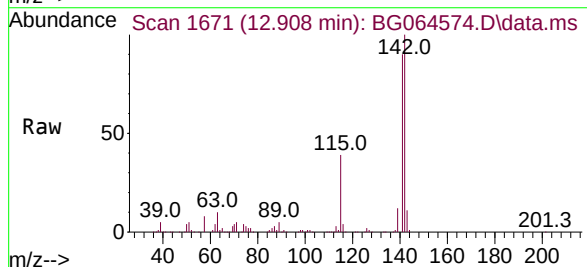
Tgt Ion:142 Resp: 447497
Ion Ratio Lower Upper
142 100
141 87.4 68.9 103.3
115 36.7 30.6 46.0

Manual Integrations
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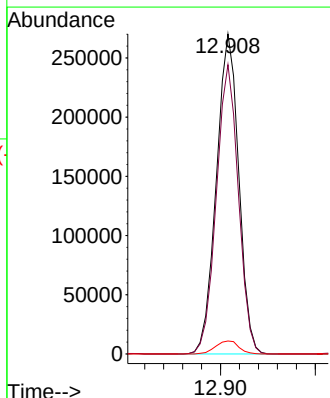
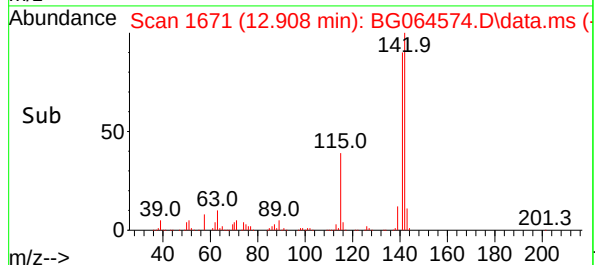
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

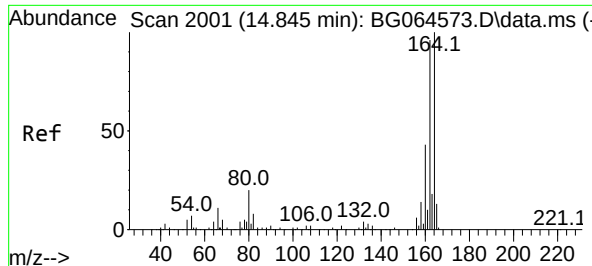


#38
1-Methylnaphthalene
Concen: 65.785 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:142 Resp: 442677
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9
116 4.0 3.1 4.7





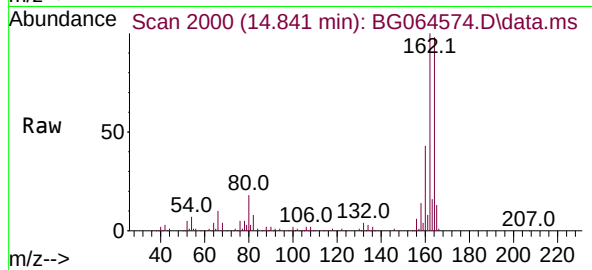
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

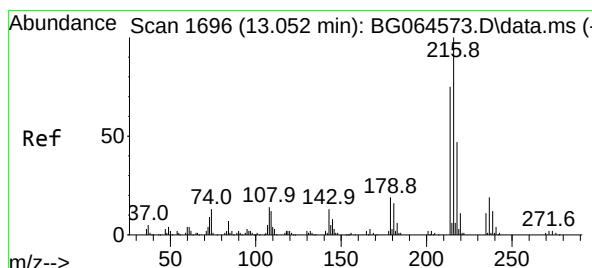
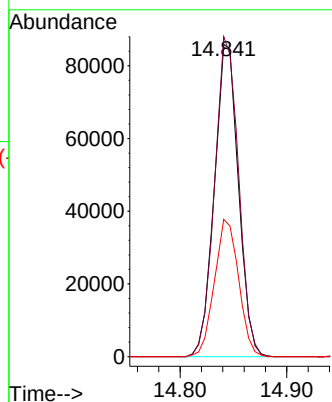
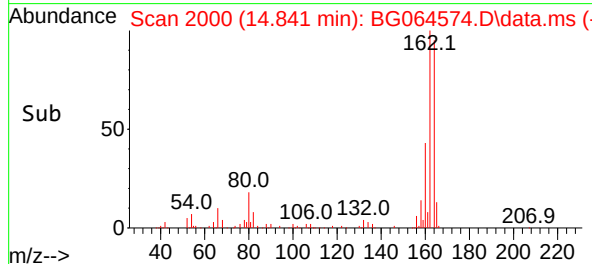


Tgt Ion:164 Resp: 134994
Ion Ratio Lower Upper
164 100
162 102.5 77.0 115.6
160 43.9 34.4 51.6

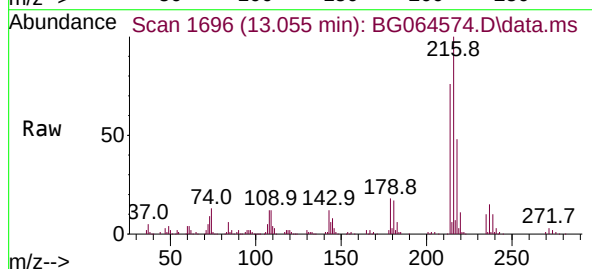
Manual Integrations

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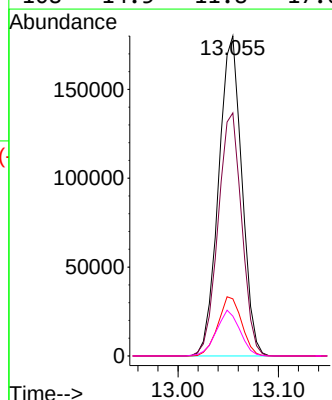
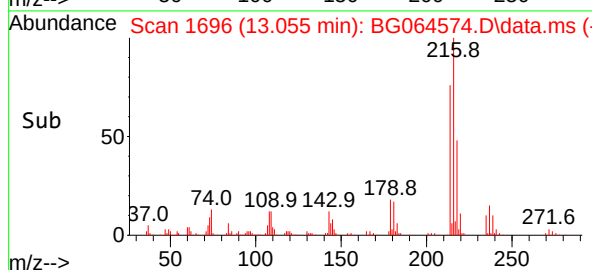
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

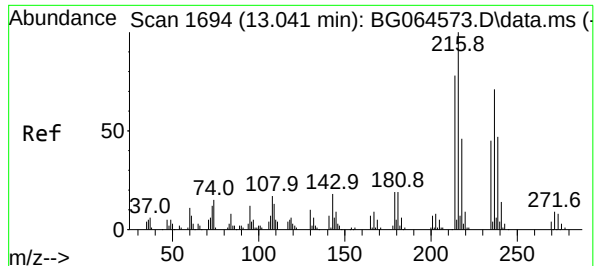


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.049 ng
RT: 13.055 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



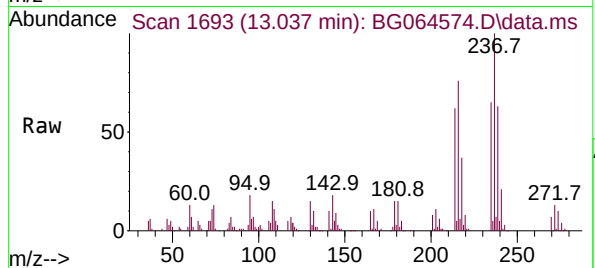
Tgt Ion:216 Resp: 290173
Ion Ratio Lower Upper
216 100
214 77.0 61.4 92.2
179 18.8 15.4 23.0
108 14.5 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 67.540 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

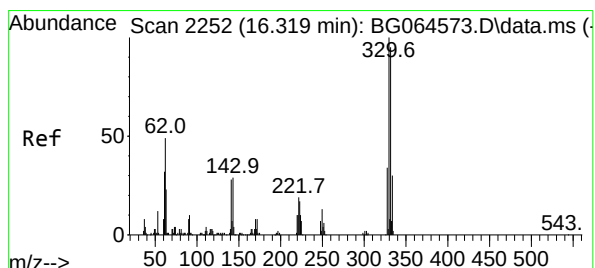
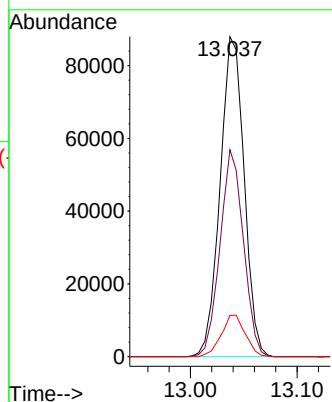
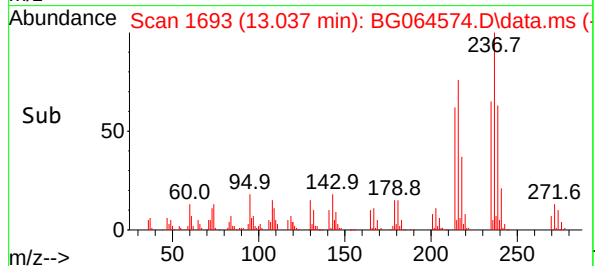
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:237 Resp: 13772
Ion Ratio Lower Upper
237 100
235 64.6 44.1 84.1
272 12.9 0.0 32.4

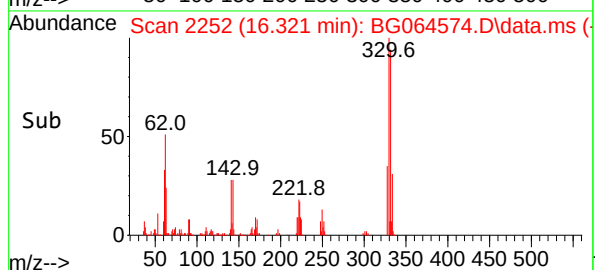
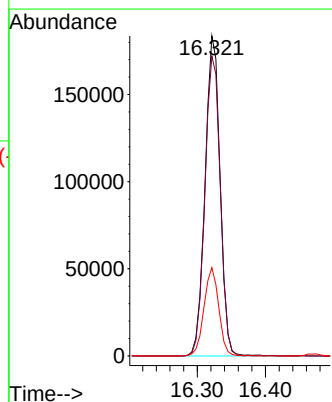
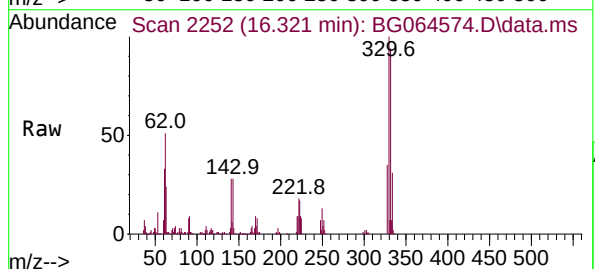
Manual Integrations
APPROVED

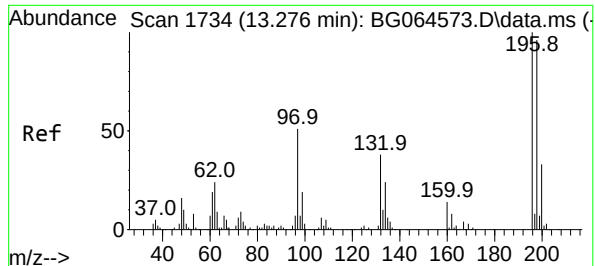
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 143.807 ng
RT: 16.321 min Scan# 2252
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:330 Resp: 280190
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.0 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 71.299 ng

RT: 13.278 min Scan# 1734

Delta R.T. -0.001 min

Lab File: BG064574.D

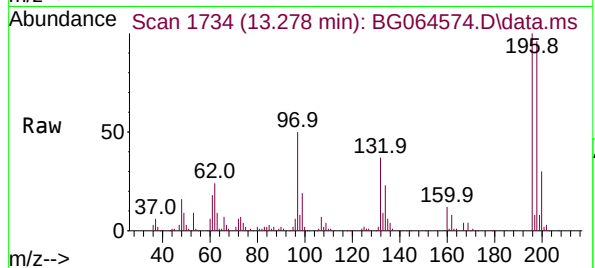
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 18477

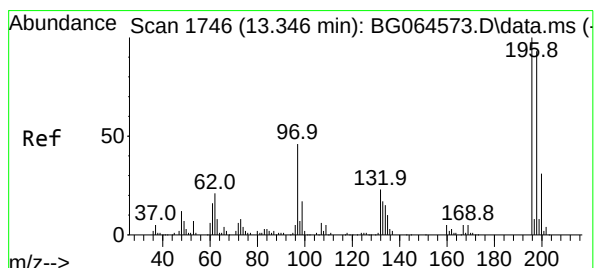
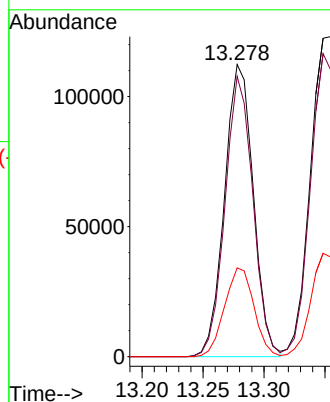
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	30.4	26.0	39.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#44

2,4,5-Trichlorophenol

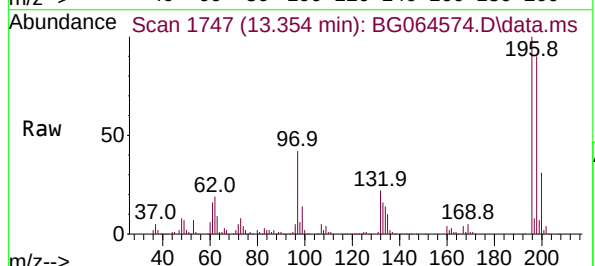
Concen: 69.994 ng

RT: 13.354 min Scan# 1747

Delta R.T. 0.005 min

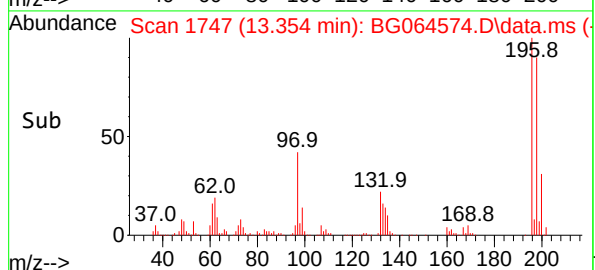
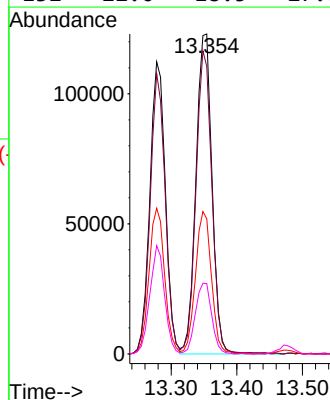
Lab File: BG064574.D

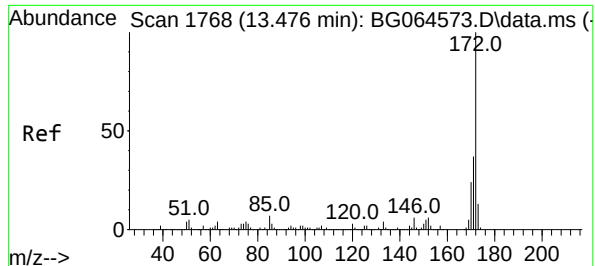
Acq: 24 Oct 2025 13:44



Tgt Ion:196 Resp: 209320

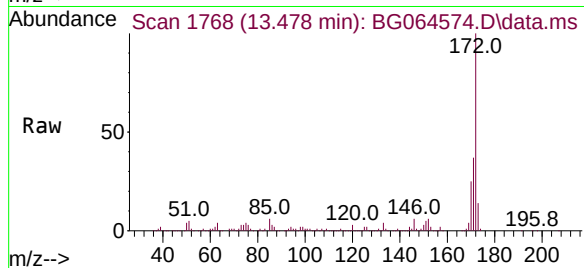
Ion	Ratio	Lower	Upper
196	100		
198	89.8	74.2	111.4
97	42.2	37.0	55.6
132	22.0	18.5	27.7





#45
2-Fluorobiphenyl
Concen: 125.867 ng
RT: 13.478 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

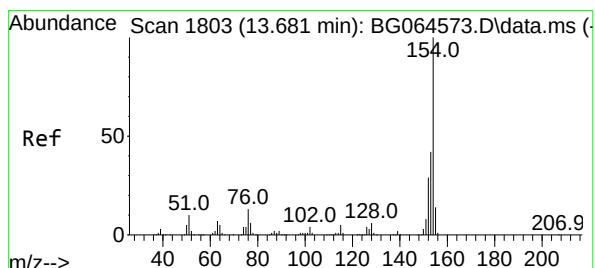
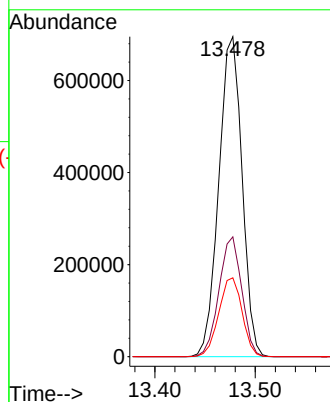
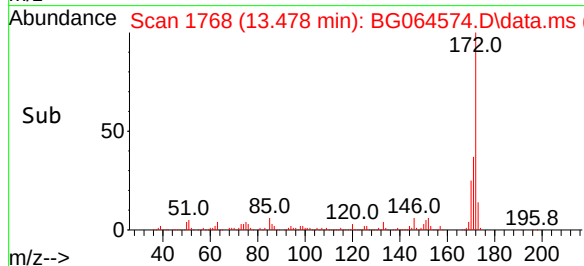
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



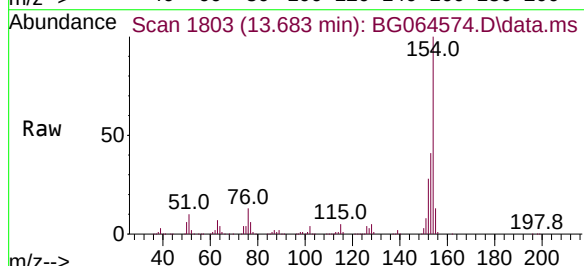
Tgt Ion:172 Resp: 1120989
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 24.6 19.1 28.7

Manual Integrations
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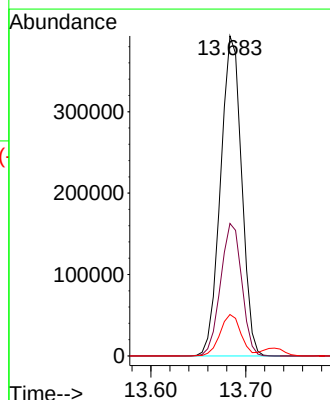
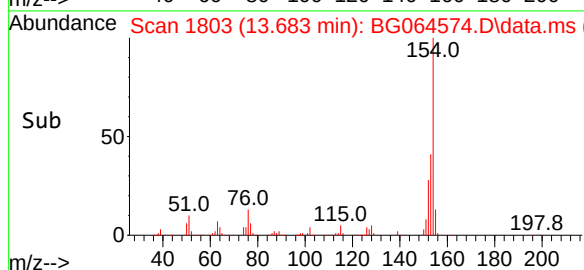
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

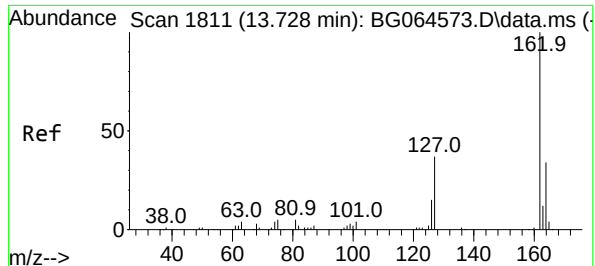


#46
1,1'-Biphenyl
Concen: 63.233 ng
RT: 13.683 min Scan# 1803
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:154 Resp: 606860
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 12.9 0.0 33.5





#47

2-Chloronaphthalene

Concen: 64.022 ng

RT: 13.730 min Scan# 1811

Delta R.T. -0.001 min

Lab File: BG064574.D

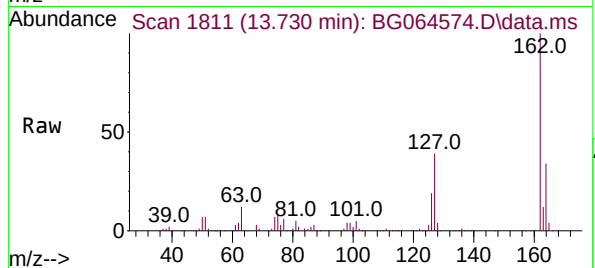
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 463792

Ion Ratio Lower Upper

162 100

127 38.8 32.2 48.2

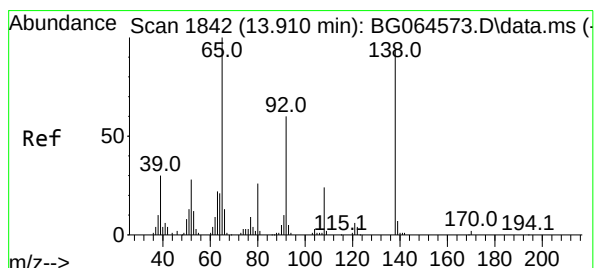
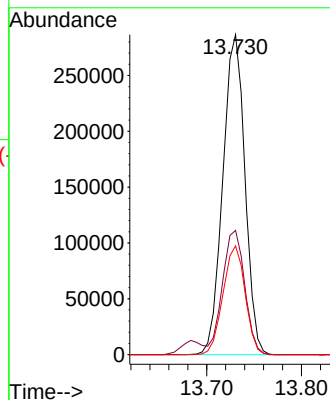
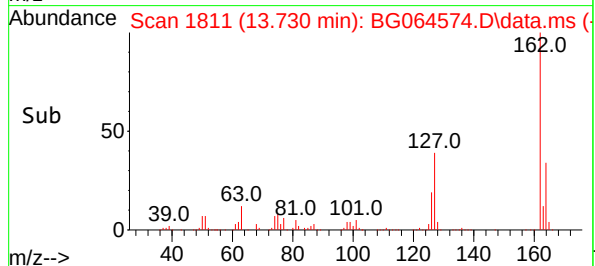
164 34.0 27.5 41.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#48

2-Nitroaniline

Concen: 66.052 ng

RT: 13.913 min Scan# 1842

Delta R.T. -0.002 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

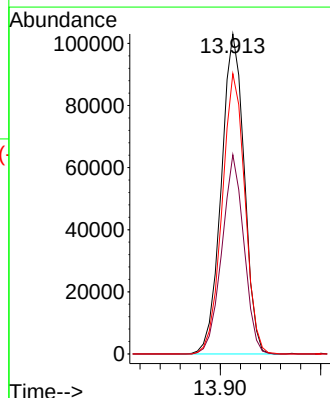
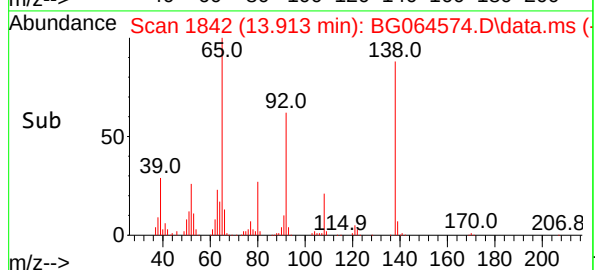
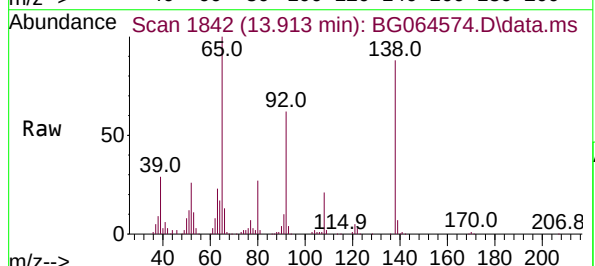
Tgt Ion: 65 Resp: 163796

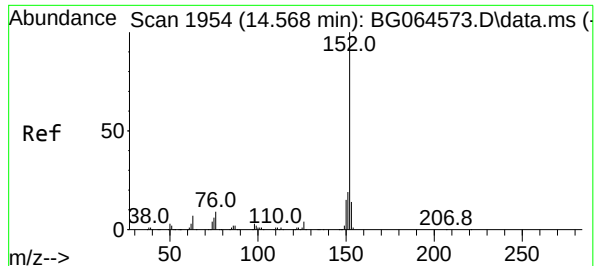
Ion Ratio Lower Upper

65 100

92 62.2 48.3 72.5

138 87.6 74.9 112.3





#49

Acenaphthylene

Concen: 64.738 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.005 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 739728

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

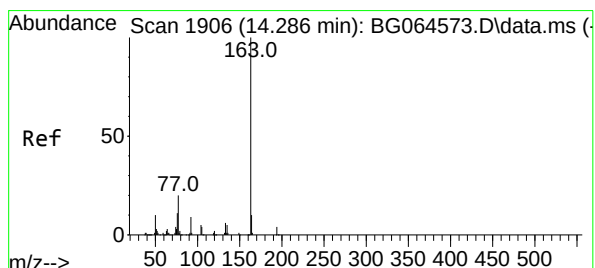
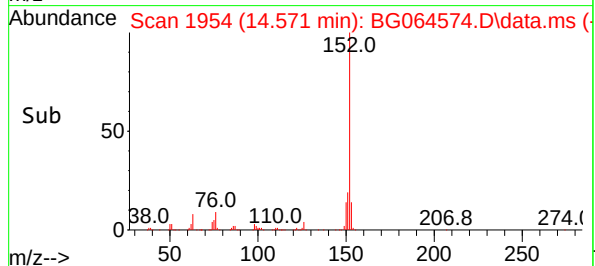
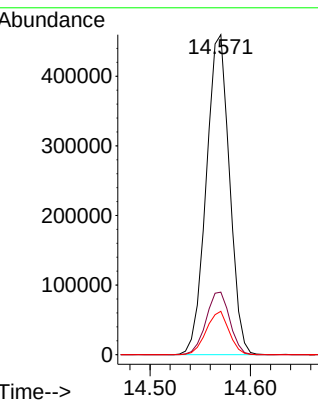
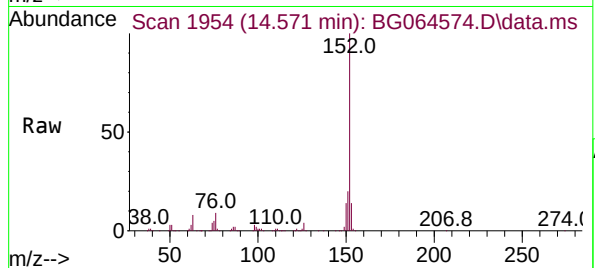
153 13.5 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#50

Dimethylphthalate

Concen: 66.616 ng

RT: 14.289 min Scan# 1906

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

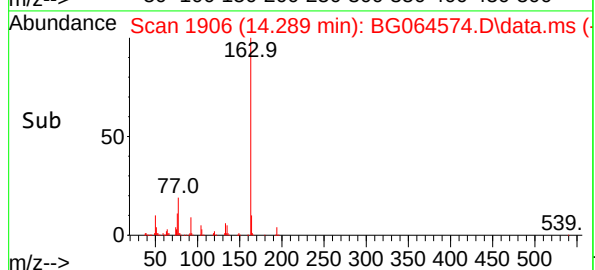
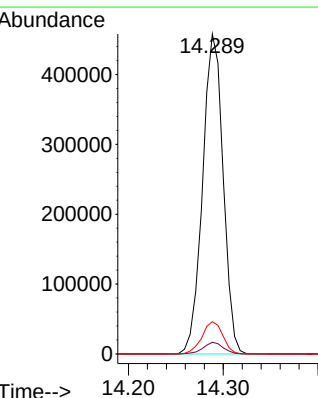
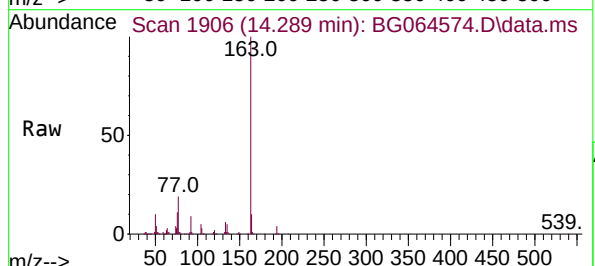
Tgt Ion:163 Resp: 688128

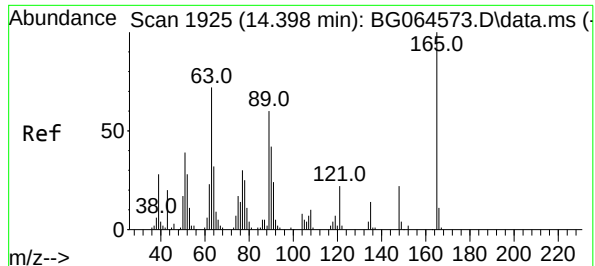
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

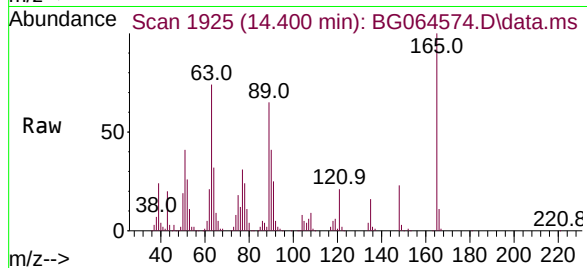
164 10.1 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 65.951 ng
RT: 14.400 min Scan# 1925
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

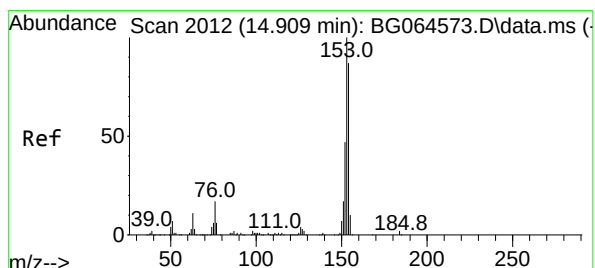
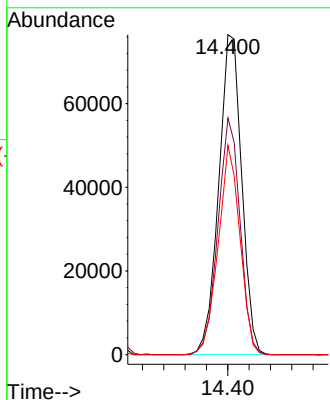
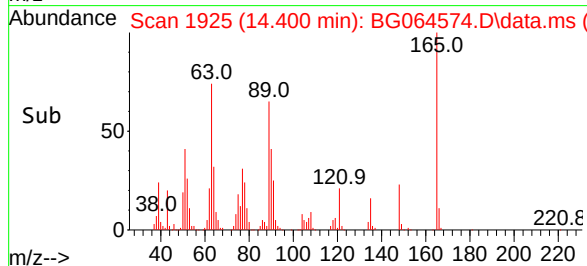
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 114588
Ion Ratio Lower Upper
165 100
63 73.9 57.4 86.0
89 65.4 47.8 71.8

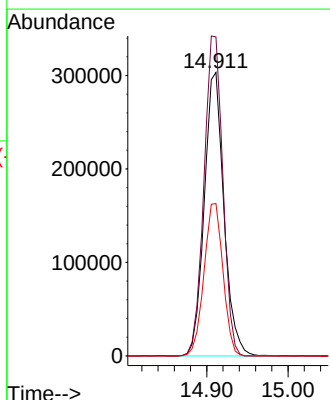
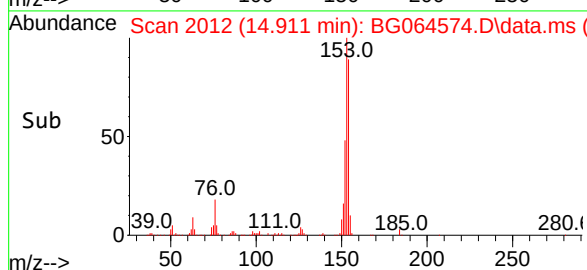
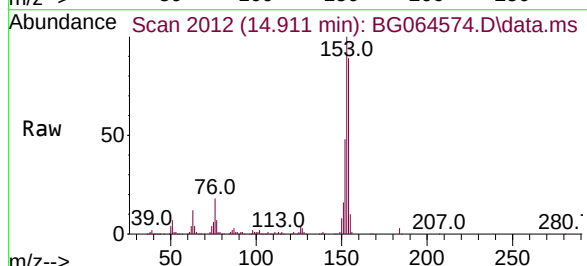
Manual Integrations
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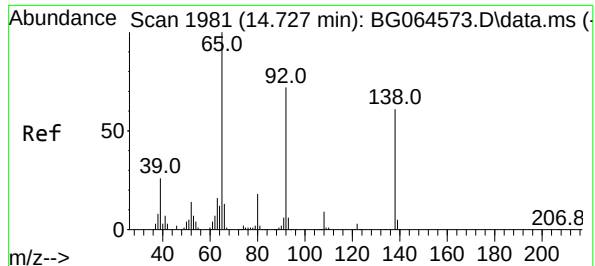
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#52
Acenaphthene
Concen: 65.392 ng
RT: 14.911 min Scan# 2012
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

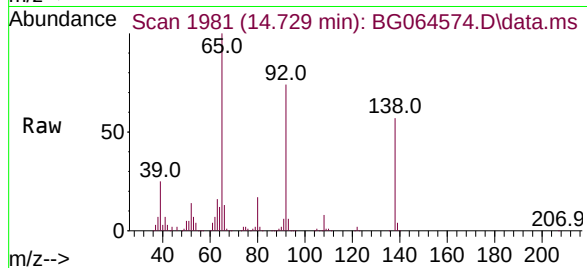
Tgt Ion:154 Resp: 510499
Ion Ratio Lower Upper
154 100
153 112.5 92.2 138.4
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 74.231 ng
RT: 14.729 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

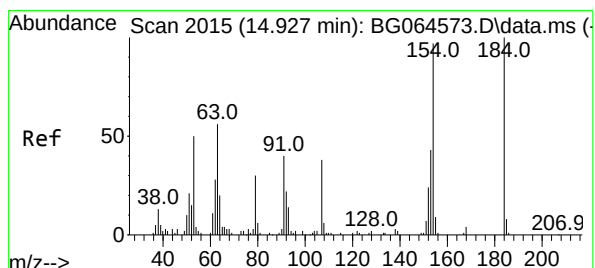
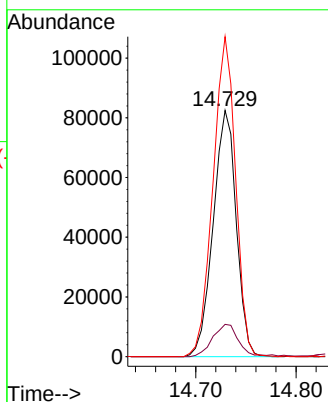
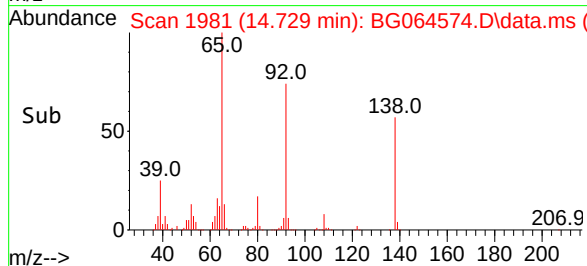
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



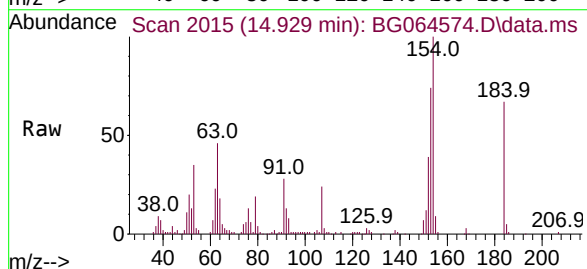
Tgt Ion:138 Resp: 131776
Ion Ratio Lower Upper
138 100
108 13.1 11.4 17.0
92 130.0 95.3 142.9

Manual Integrations
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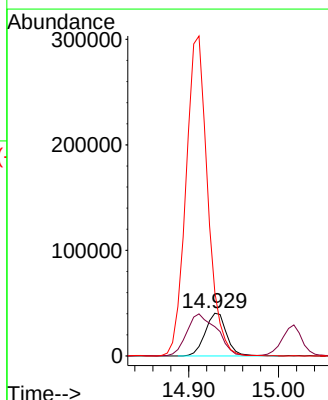
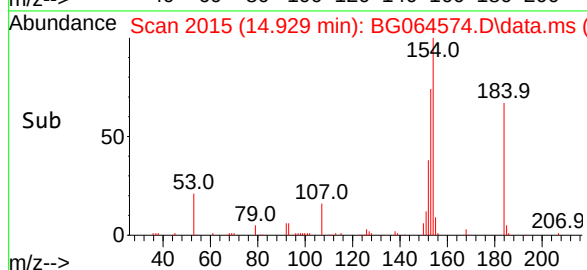
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

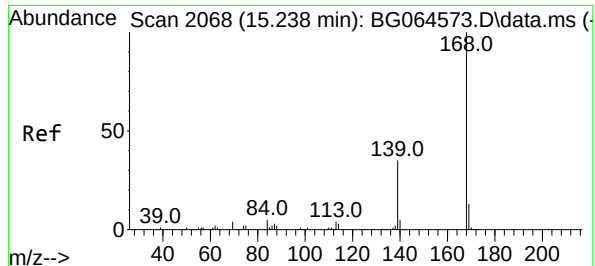


#54
2,4-Dinitrophenol
Concen: 65.082 ng
RT: 14.929 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:184 Resp: 66900
Ion Ratio Lower Upper
184 100
63 68.5 56.6 85.0
154 149.4 158.6 238.0#





#55

Dibenzenofuran

Concen: 63.779 ng

RT: 15.240 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 804964

Ion Ratio Lower Upper

168 100

139 36.7 27.8 41.8

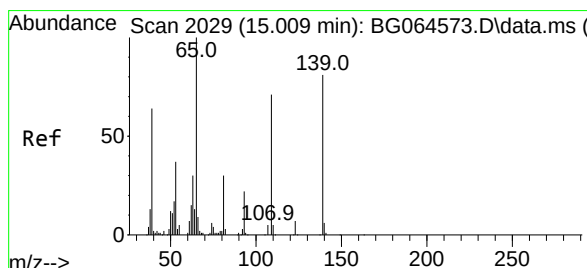
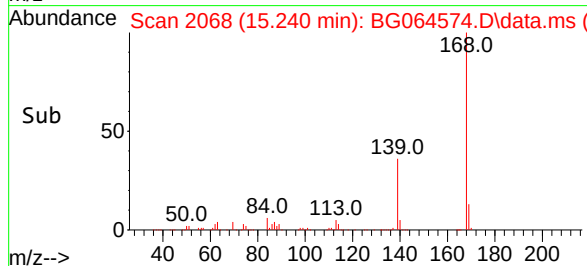
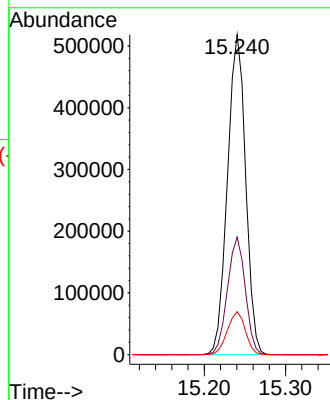
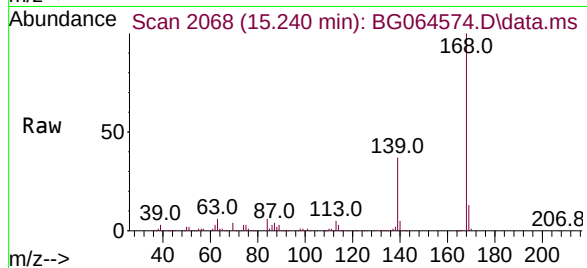
169 13.4 10.3 15.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#56

4-Nitrophenol

Concen: 69.512 ng

RT: 15.017 min Scan# 2030

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

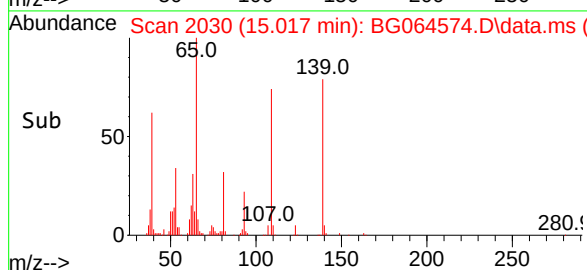
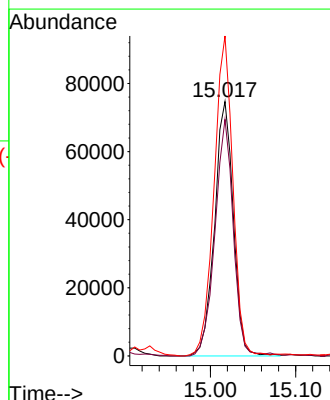
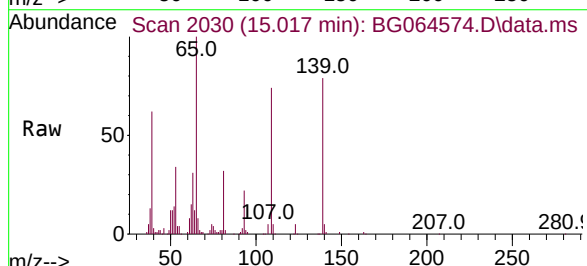
Tgt Ion:139 Resp: 114408

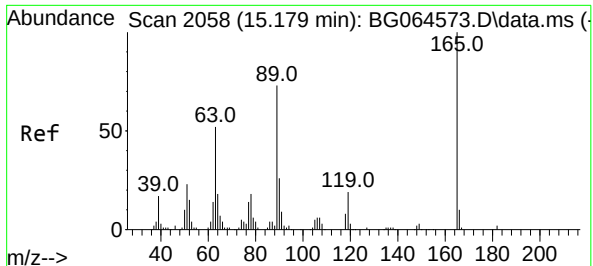
Ion Ratio Lower Upper

139 100

109 93.0 67.8 107.8

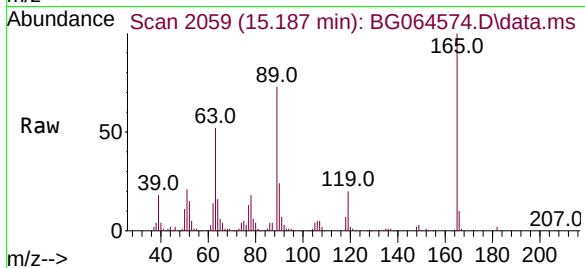
65 125.8 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 65.522 ng
RT: 15.187 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

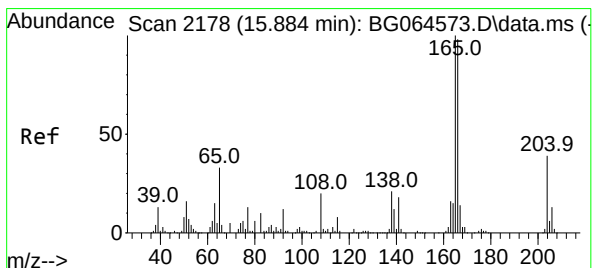
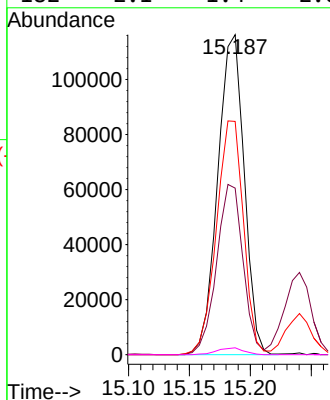
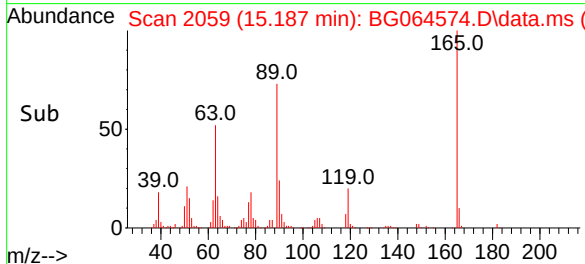
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 175802
Ion Ratio Lower Upper
165 100
63 52.0 41.8 62.8
89 72.9 58.1 87.1
182 2.1 1.4 2.0#

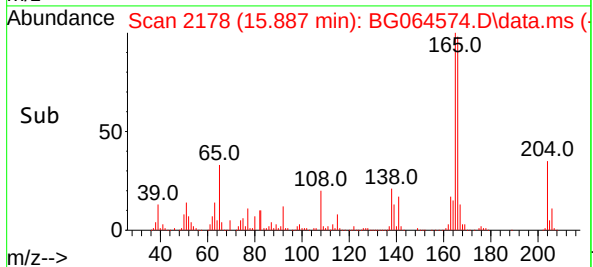
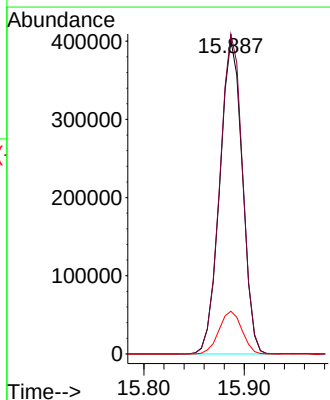
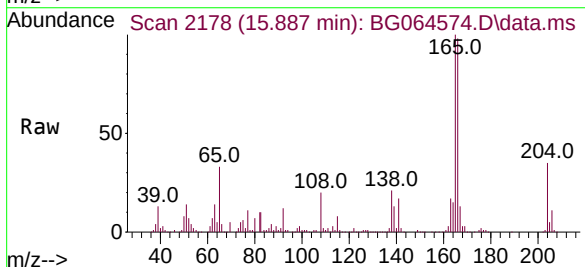
Manual Integrations
APPROVED

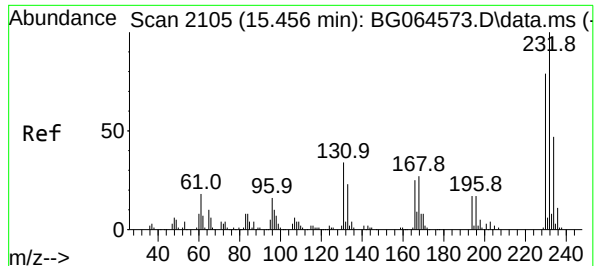
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 63.656 ng
RT: 15.887 min Scan# 2178
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

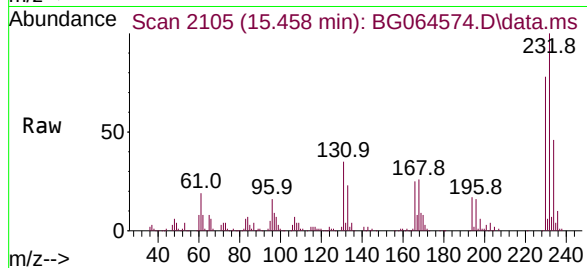
Tgt Ion:166 Resp: 627437
Ion Ratio Lower Upper
166 100
165 101.8 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 71.870 ng
RT: 15.458 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

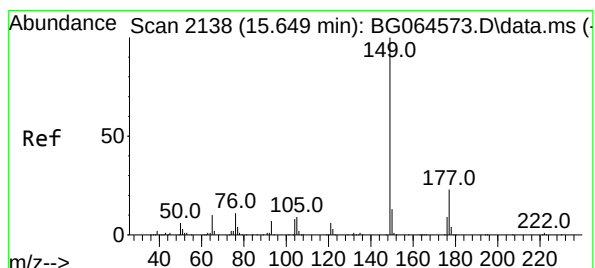
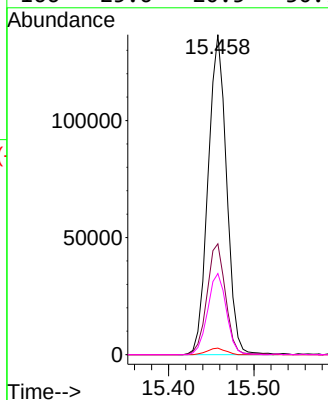
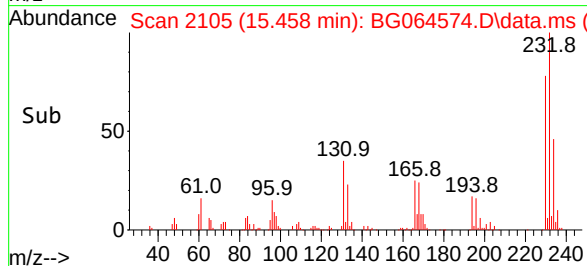
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 205529
Ion Ratio Lower Upper
232 100
131 34.7 26.7 40.1
130 2.0 1.6 2.4
166 25.6 20.5 30.7

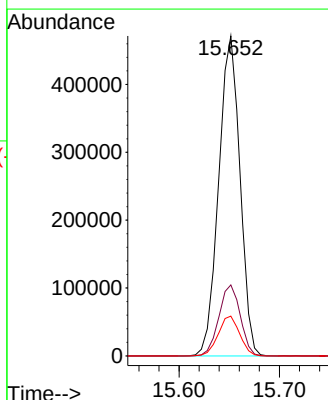
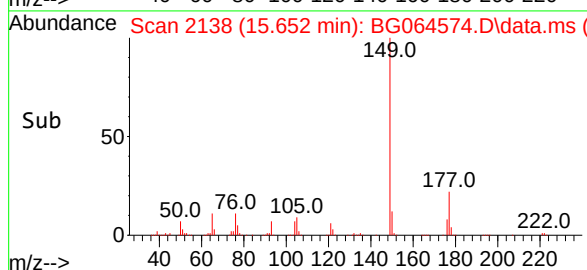
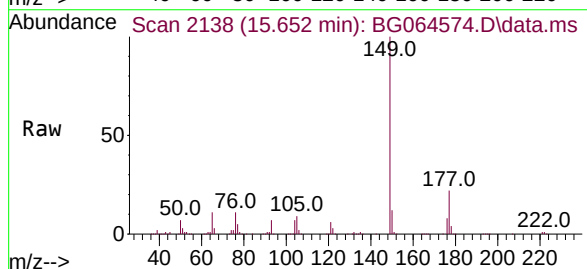
Manual Integrations
APPROVED

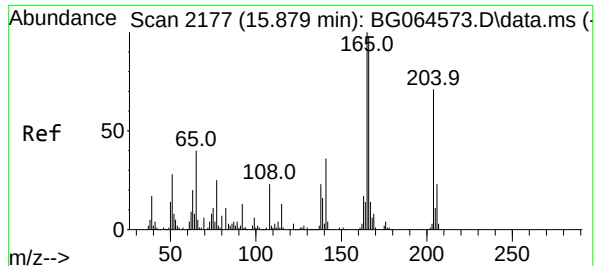
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#60
Diethylphthalate
Concen: 65.982 ng
RT: 15.652 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

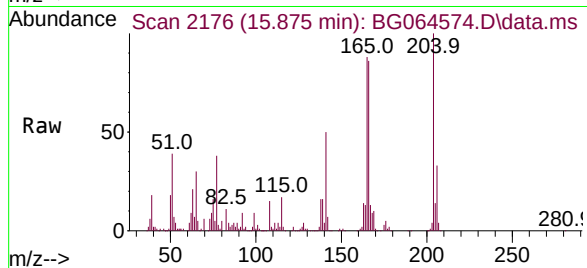
Tgt Ion:149 Resp: 695924
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 65.038 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

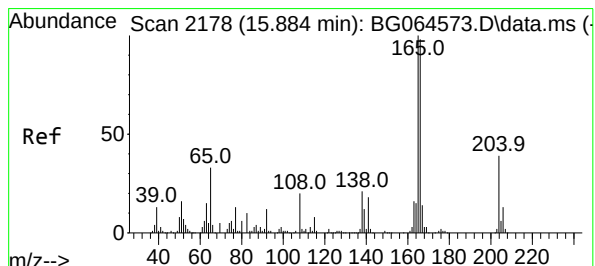
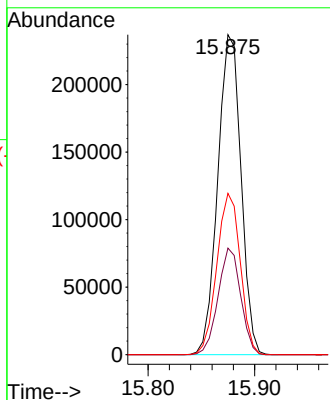
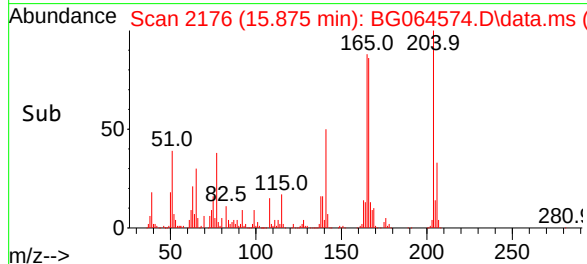
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



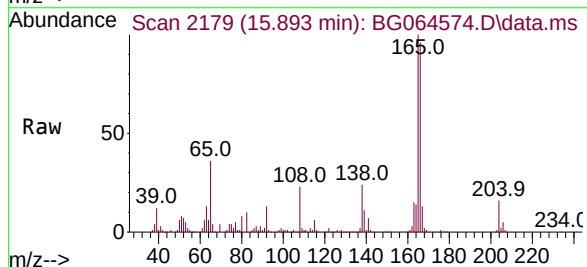
Tgt Ion:204 Resp: 359759
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 50.4 40.6 60.8

Manual Integrations
APPROVED

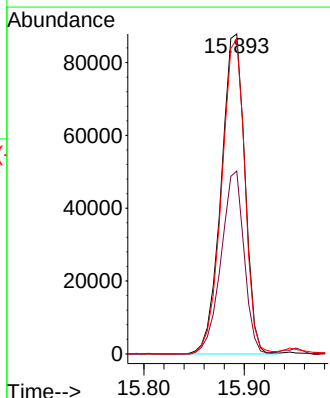
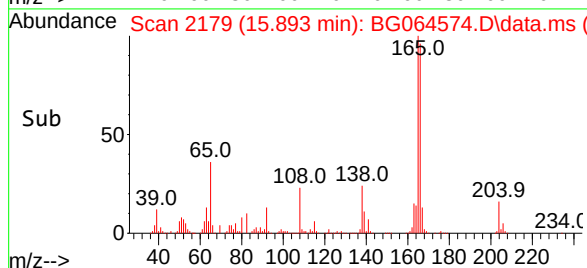
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

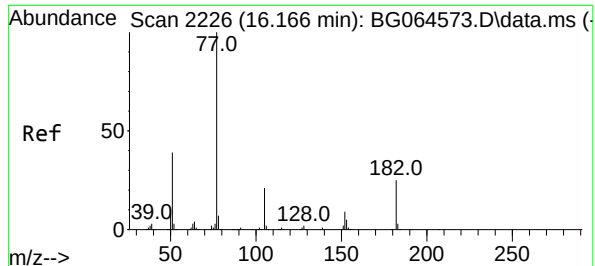


#62
4-Nitroaniline
Concen: 72.832 ng
RT: 15.893 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



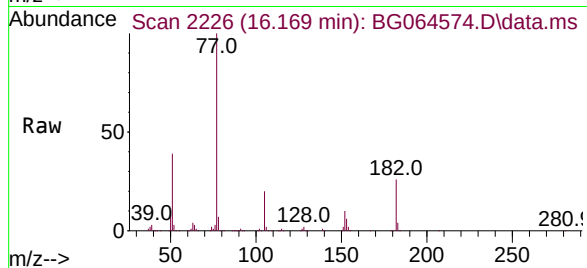
Tgt Ion:138 Resp: 143839
Ion Ratio Lower Upper
138 100
92 57.1 36.1 76.1
108 98.4 75.6 115.6





#63
Azobenzene
Concen: 65.464 ng
RT: 16.169 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

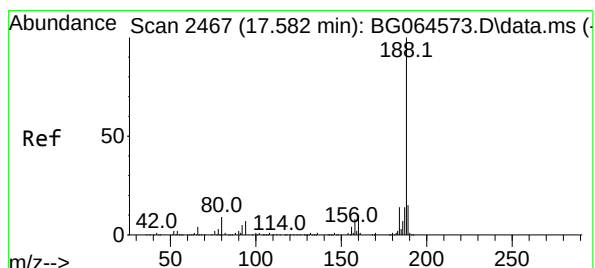
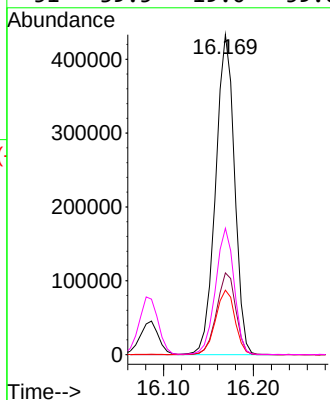
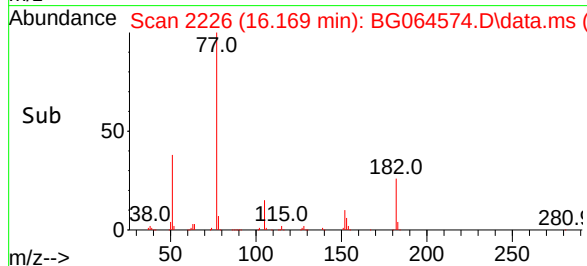
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 633520
Ion Ratio Lower Upper
77 100
182 25.5 4.9 44.9
105 20.1 1.3 41.3
51 39.5 19.0 59.0

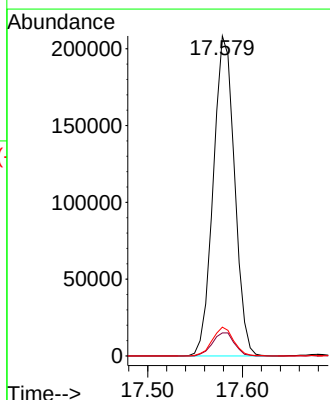
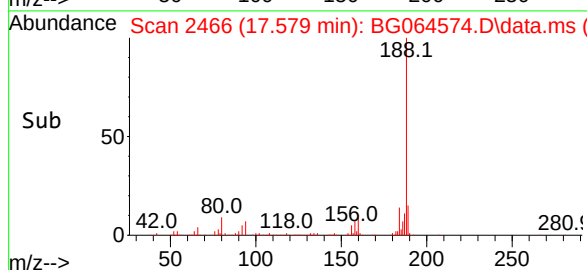
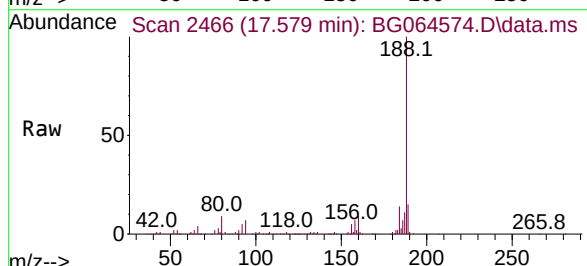
Manual Integrations
APPROVED

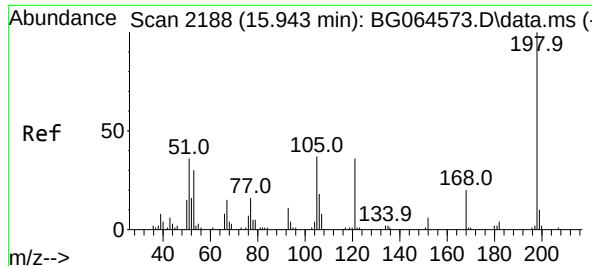
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

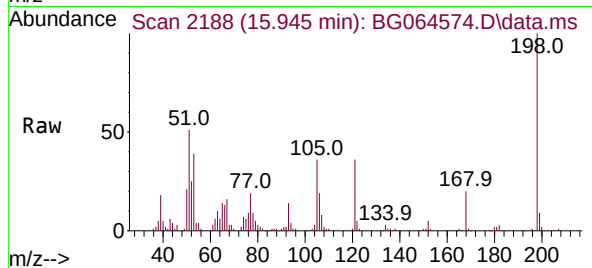
Tgt Ion:188 Resp: 324385
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 9.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 64.046 ng
RT: 15.945 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

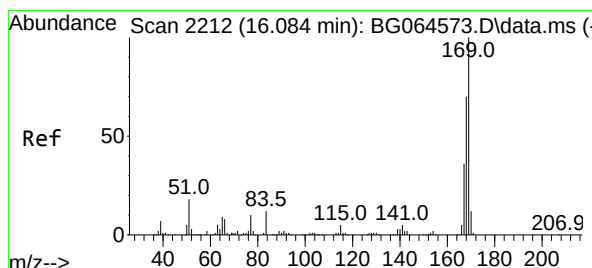
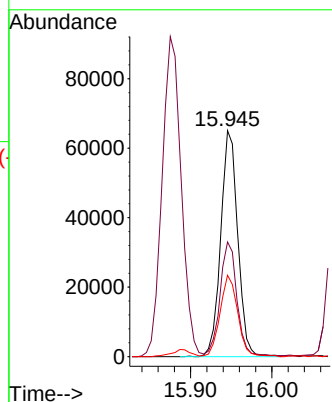
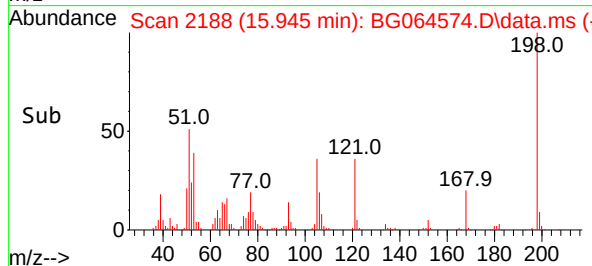
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 94338
Ion Ratio Lower Upper
198 100
51 50.7 24.7 64.7
105 36.0 18.0 58.0

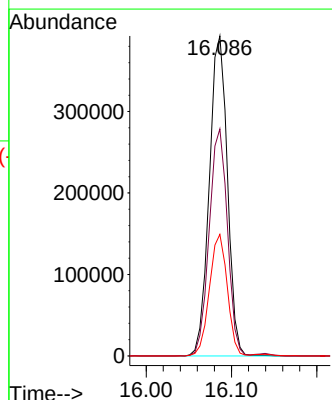
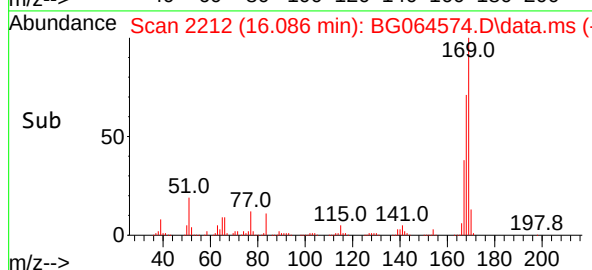
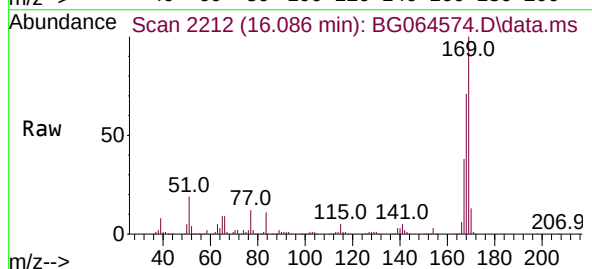
Manual Integrations
APPROVED

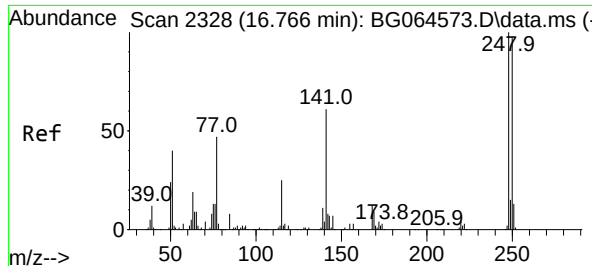
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 65.944 ng
RT: 16.086 min Scan# 2212
Delta R.T. -0.002 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:169 Resp: 577835
Ion Ratio Lower Upper
169 100
168 70.9 56.3 84.5
167 38.0 29.0 43.6





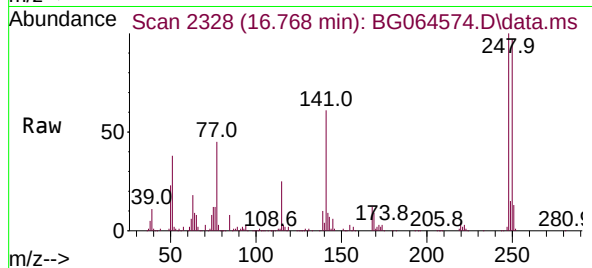
#67
4-Bromophenyl-phenylether
Concen: 66.740 ng
RT: 16.768 min Scan# 2328
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

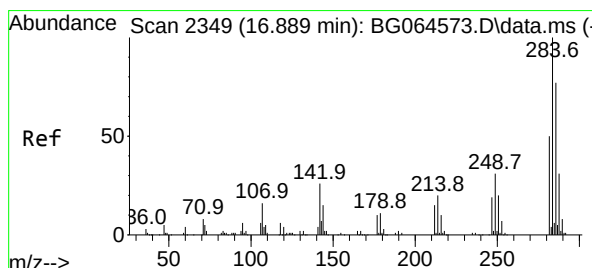
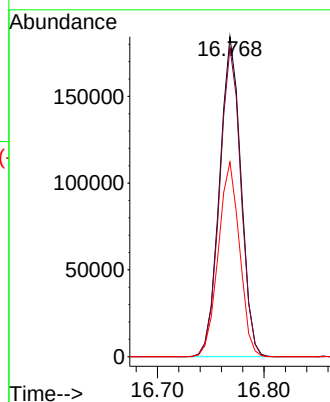
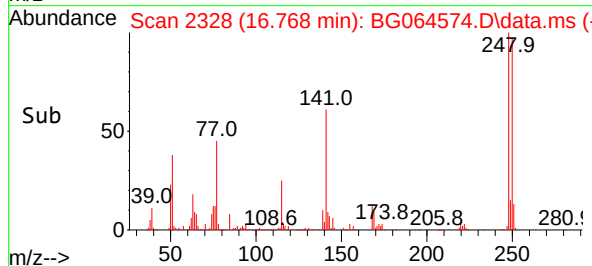


Tgt Ion:248 Resp: 256556
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 60.8 48.6 72.8

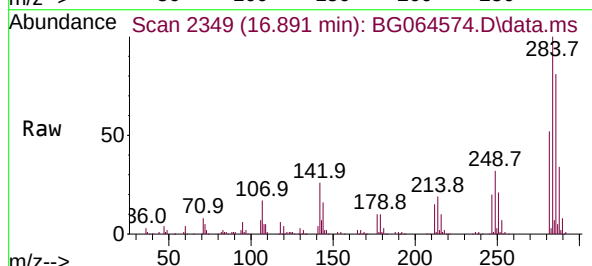
Manual Integrations

APPROVED

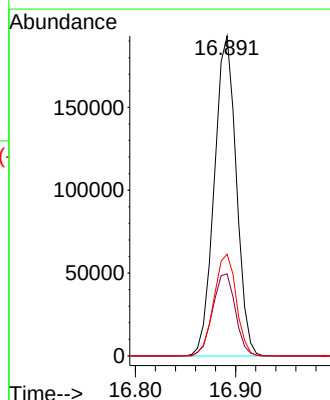
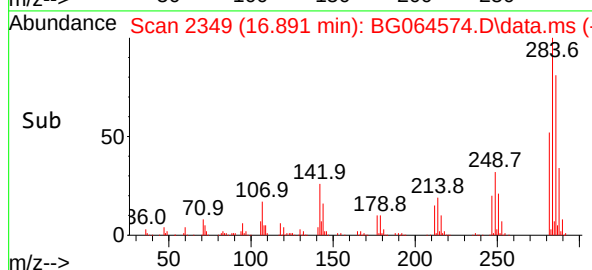
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

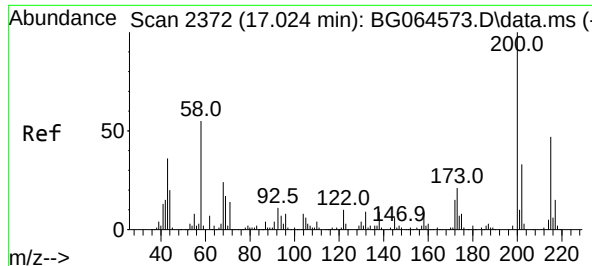


#68
Hexachlorobenzene
Concen: 67.001 ng
RT: 16.891 min Scan# 2349
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



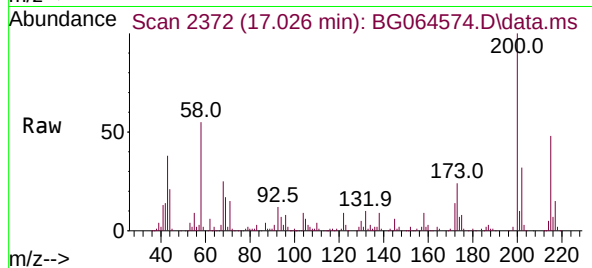
Tgt Ion:284 Resp: 293831
Ion Ratio Lower Upper
284 100
142 25.6 21.0 31.6
249 34.5 24.9 37.3





#69
Atrazine
Concen: 67.378 ng
RT: 17.026 min Scan# 2372
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

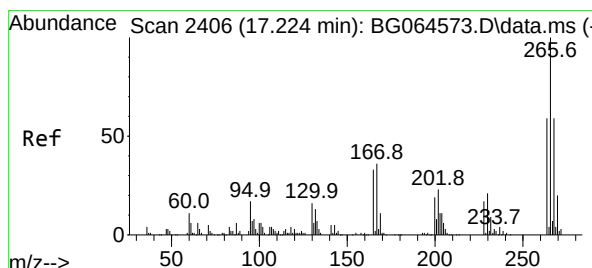
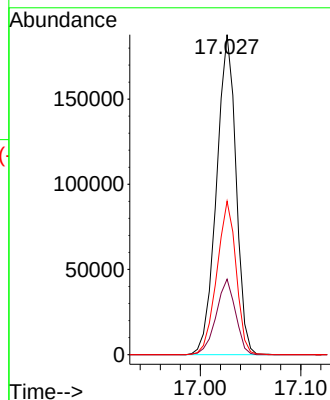
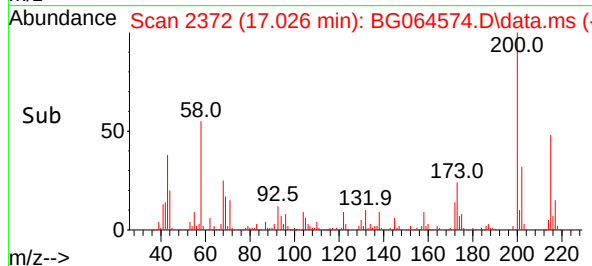
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



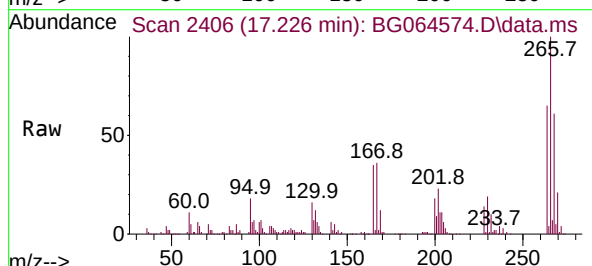
Tgt Ion:200 Resp: 254076
Ion Ratio Lower Upper
200 100
173 23.6 0.9 40.9
215 47.9 27.0 67.0

Manual Integrations
APPROVED

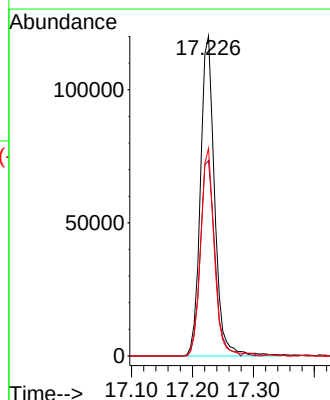
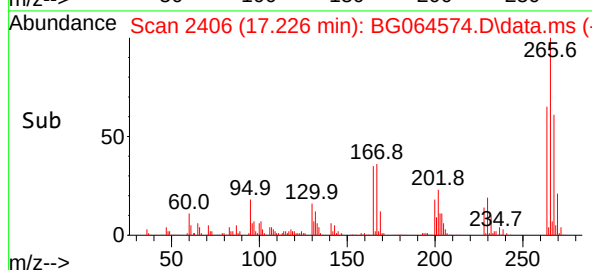
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

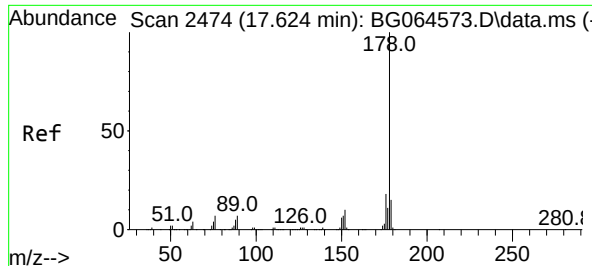


#70
Pentachlorophenol
Concen: 70.923 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



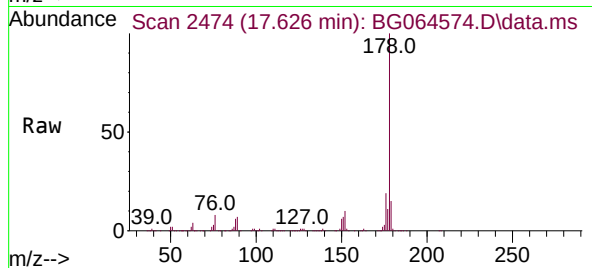
Tgt Ion:266 Resp: 193954
Ion Ratio Lower Upper
266 100
268 66.0 50.3 75.5
264 69.3 47.3 70.9





#71
Phenanthrene
Concen: 64.676 ng
RT: 17.626 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

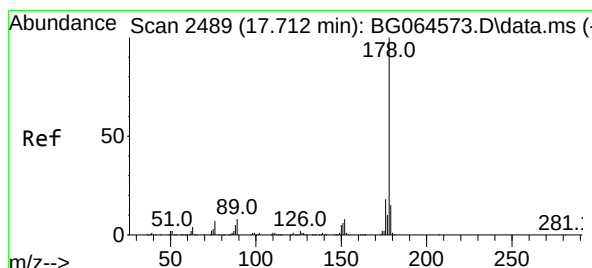
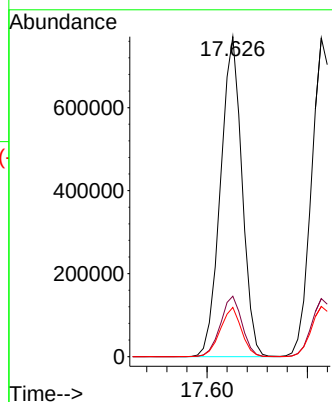
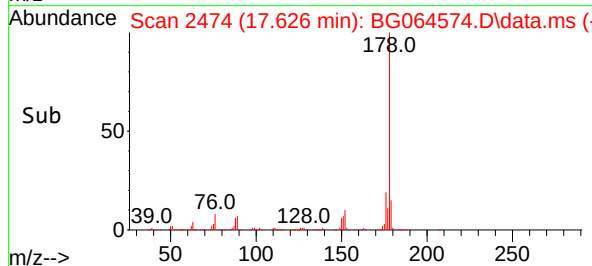
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1147317
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4

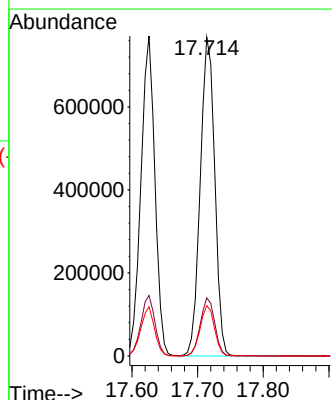
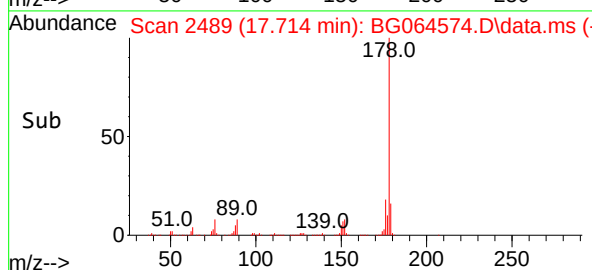
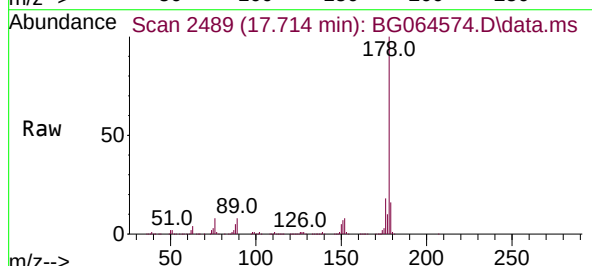
Manual Integrations
APPROVED

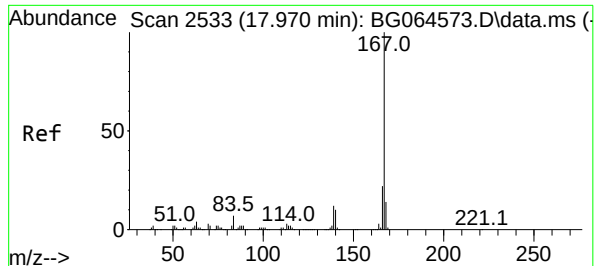
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 64.905 ng
RT: 17.714 min Scan# 2489
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

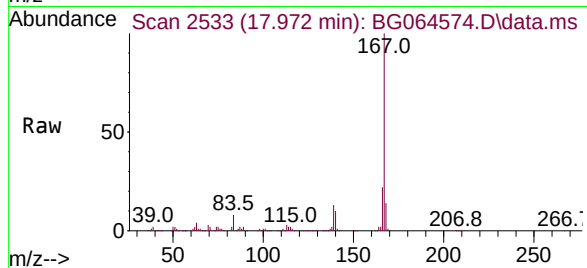
Tgt Ion:178 Resp: 1171223
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.8 12.4 18.6





#73
Carbazole
Concen: 62.887 ng
RT: 17.972 min Scan# 2533
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

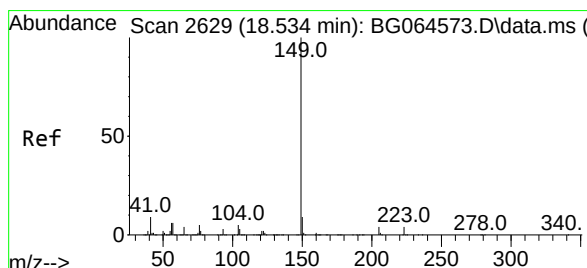
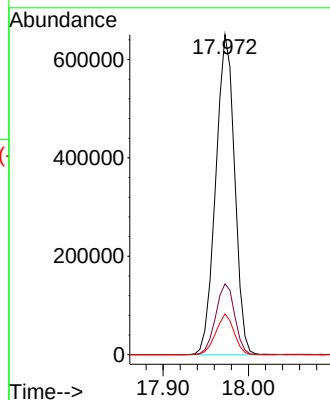
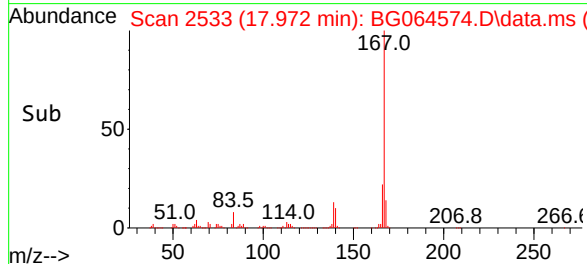
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 1000680
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 12.7 9.7 14.5

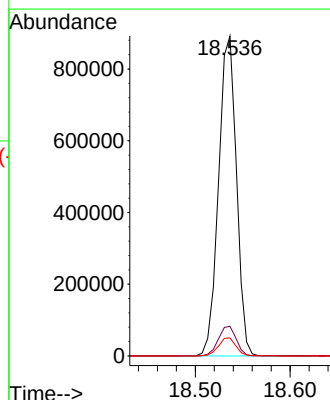
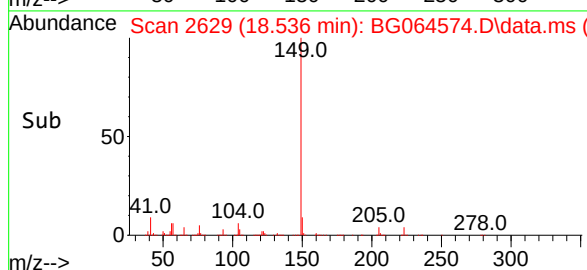
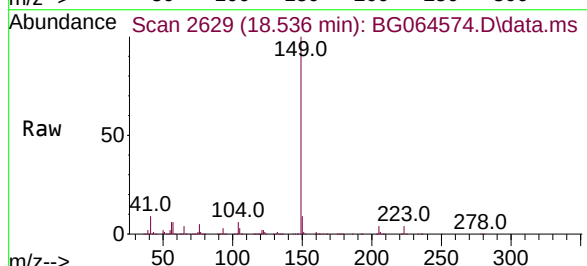
Manual Integrations
APPROVED

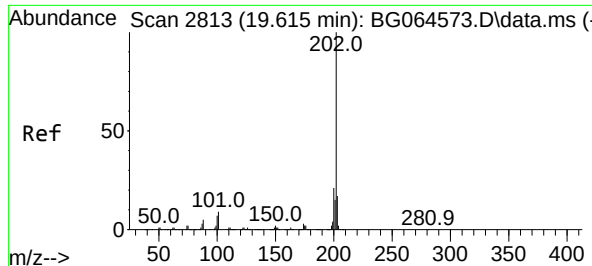
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#74
Di-n-butylphthalate
Concen: 63.334 ng
RT: 18.536 min Scan# 2629
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

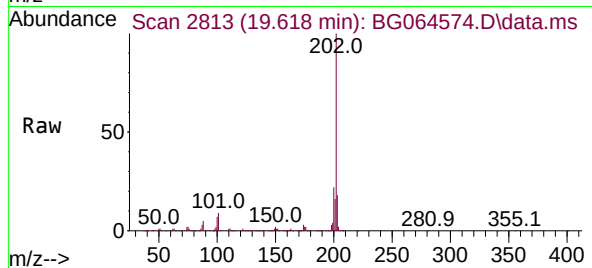
Tgt Ion:149 Resp: 1165396
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 61.419 ng
RT: 19.618 min Scan# 2813
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

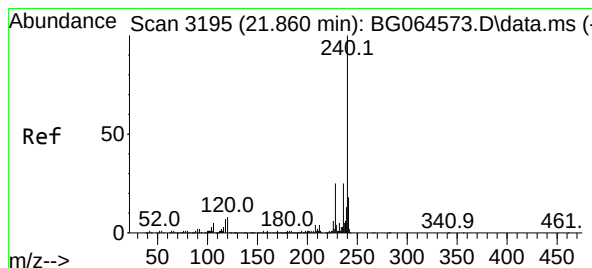
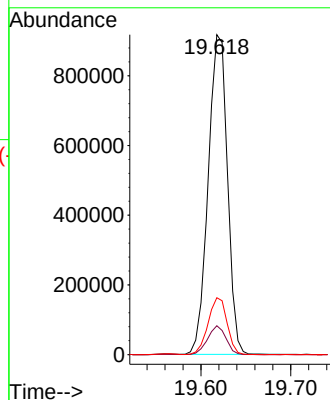
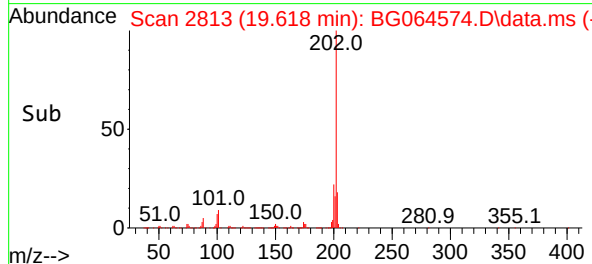
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 136489
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.8 0.0 37.0

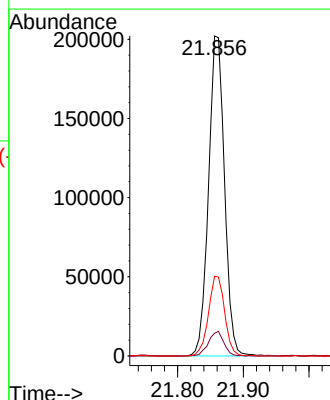
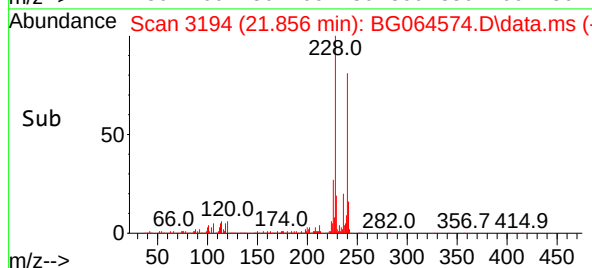
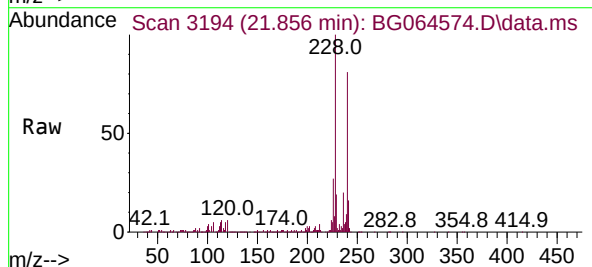
Manual Integrations
APPROVED

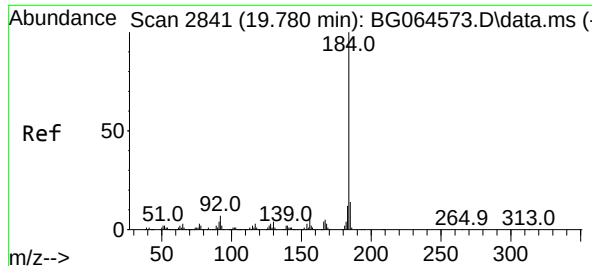
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.007 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

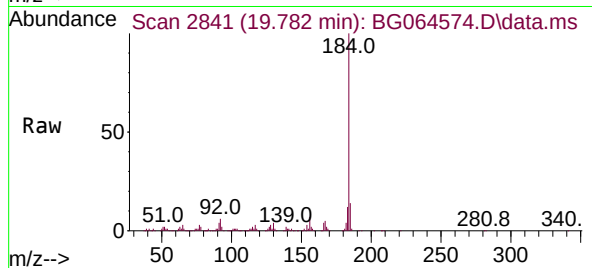
Tgt Ion:240 Resp: 340896
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 24.9 20.2 30.2





#77
Benzidine
Concen: 71.348 ng
RT: 19.782 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

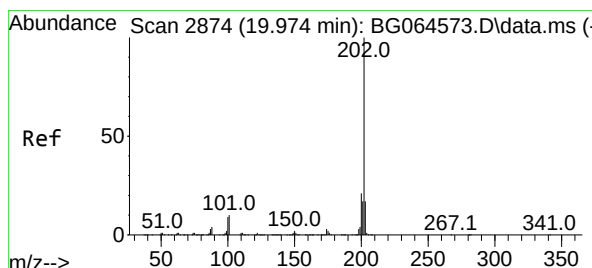
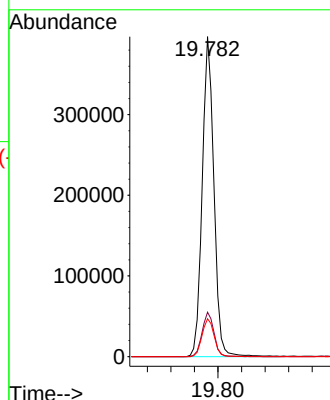
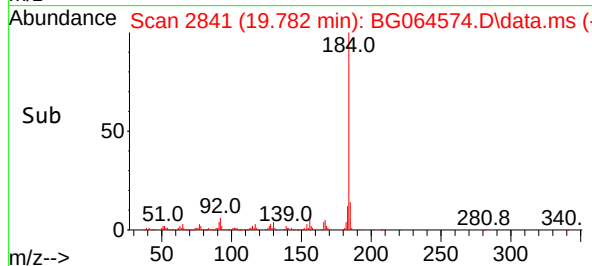
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 544918
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.2
183 11.8 9.4 14.2

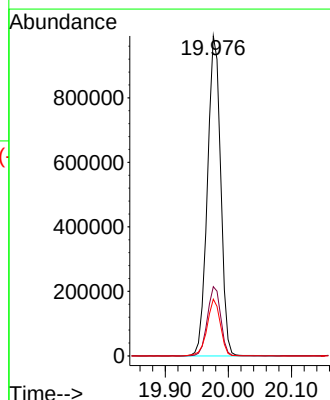
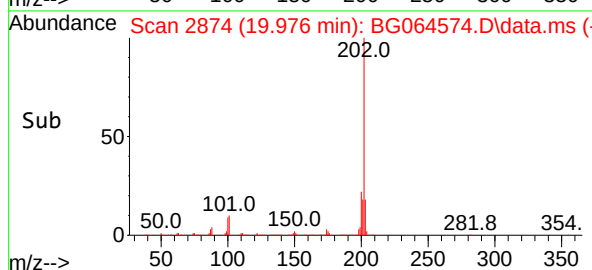
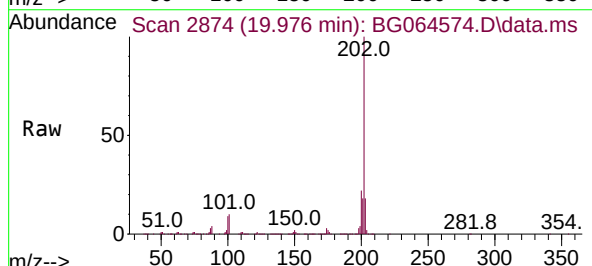
Manual Integrations
APPROVED

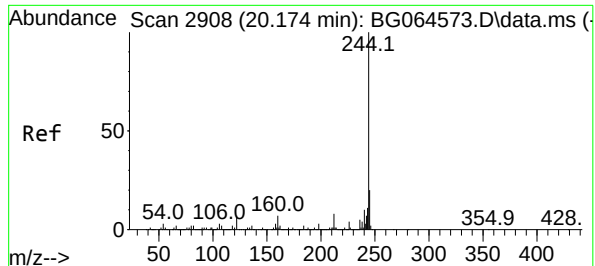
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 64.549 ng
RT: 19.976 min Scan# 2874
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

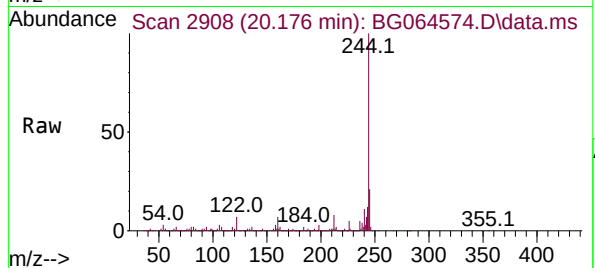
Tgt Ion:202 Resp: 1437669
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 124.763 ng
RT: 20.176 min Scan# 2908
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

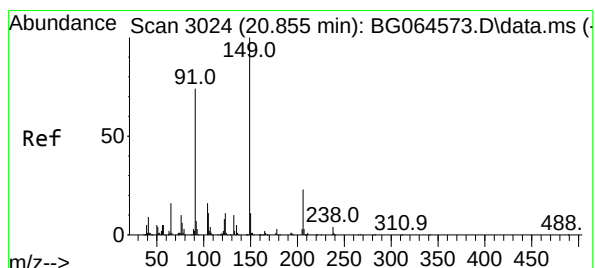
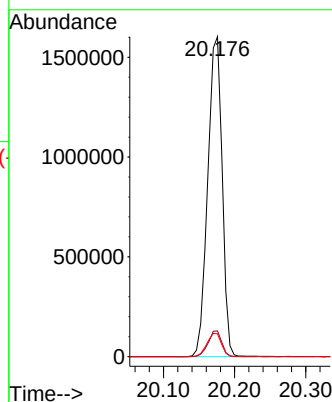
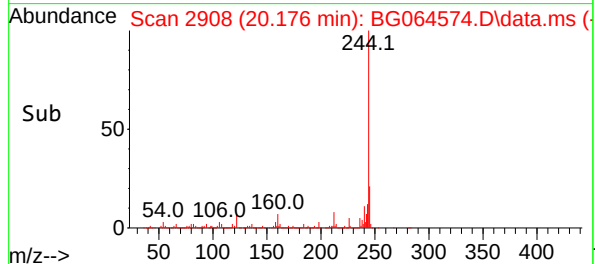
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 2253704
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 7.1 5.6 8.4

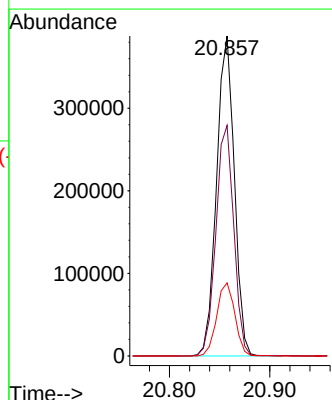
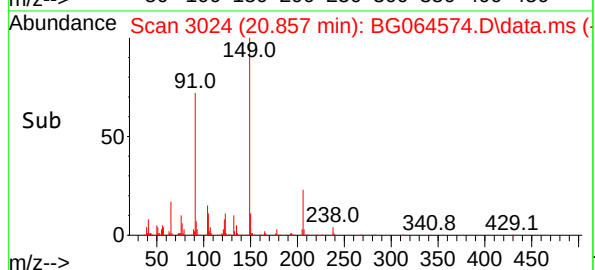
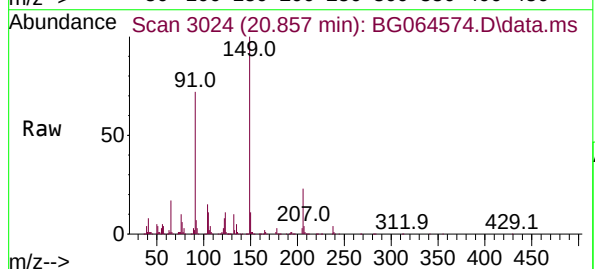
Manual Integrations
APPROVED

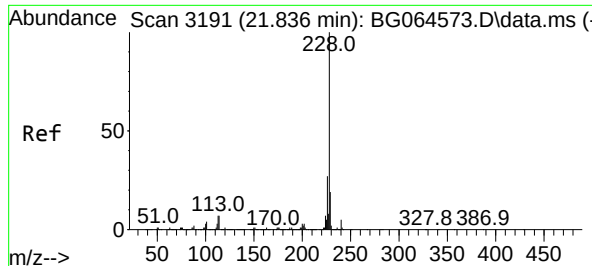
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 70.914 ng
RT: 20.857 min Scan# 3024
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

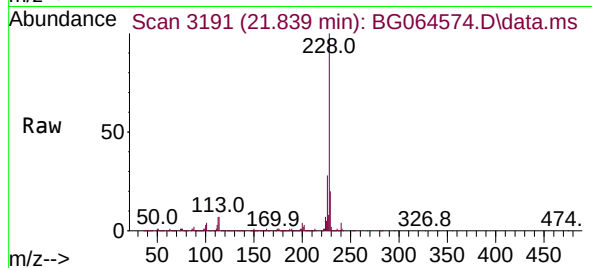
Tgt Ion:149 Resp: 477358
Ion Ratio Lower Upper
149 100
91 72.0 59.2 88.8
206 22.8 18.1 27.1





#81
Benzo(a)anthracene
Concen: 64.702 ng
RT: 21.839 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

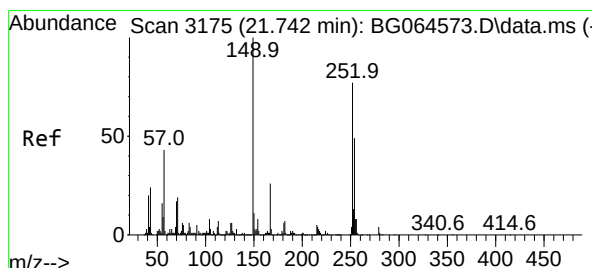
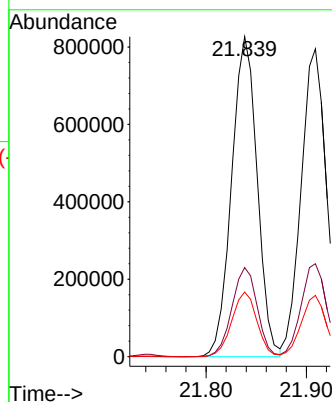
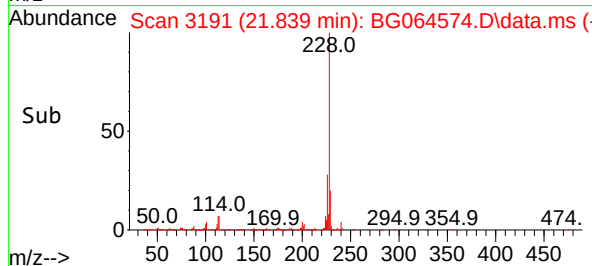
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



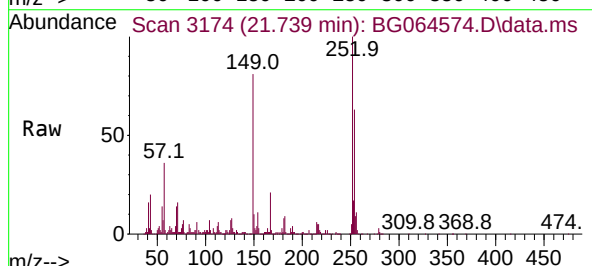
Tgt Ion:228 Resp: 1462488
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.2 15.6 23.4

Manual Integrations
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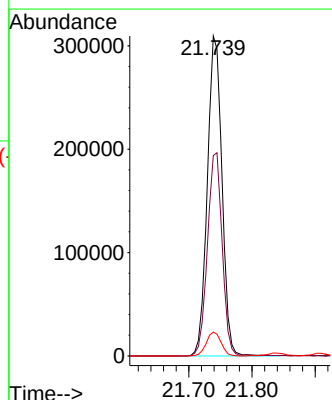
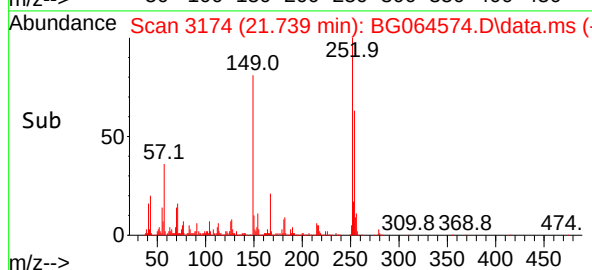
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

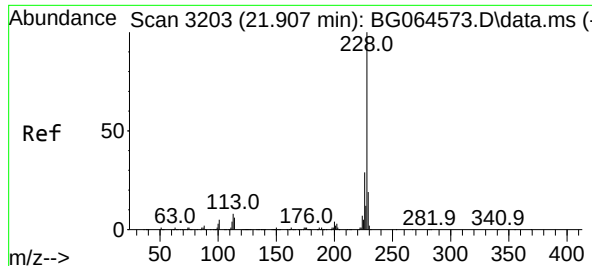


#82
3,3'-Dichlorobenzidine
Concen: 65.868 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



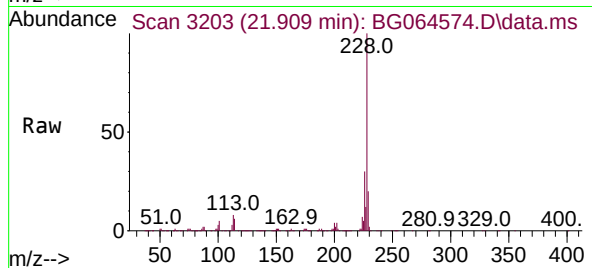
Tgt Ion:252 Resp: 497174
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 7.4 5.8 8.6





#83
Chrysene
Concen: 64.621 ng
RT: 21.909 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

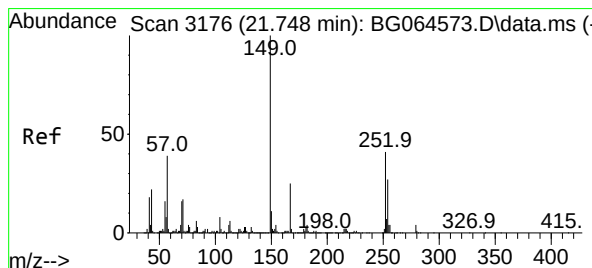
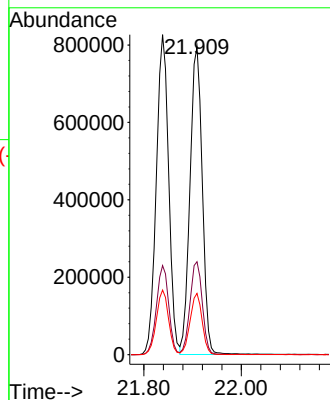
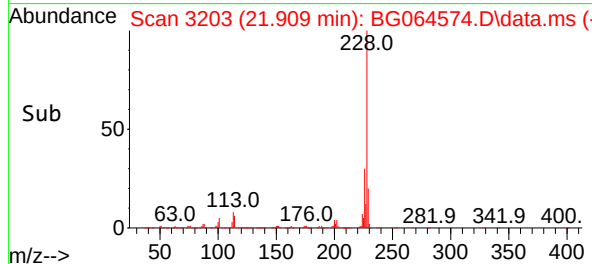
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 138982
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 19.9 15.2 22.8

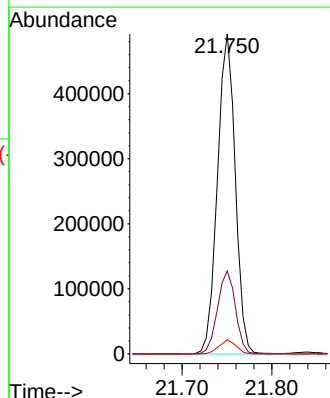
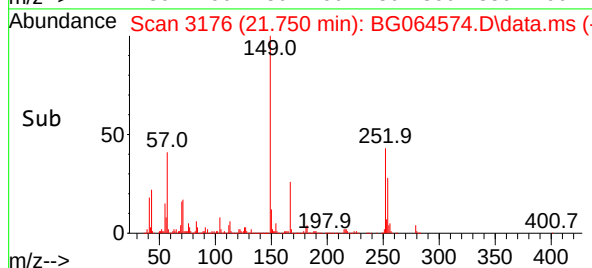
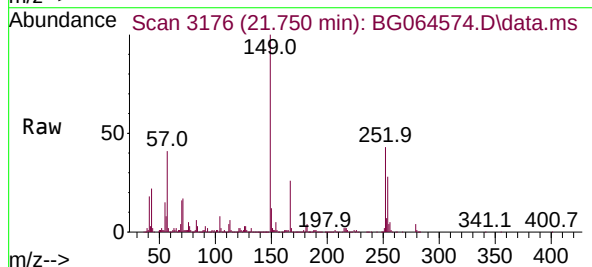
Manual Integrations
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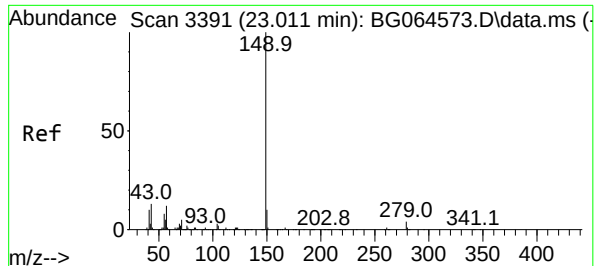
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 67.768 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

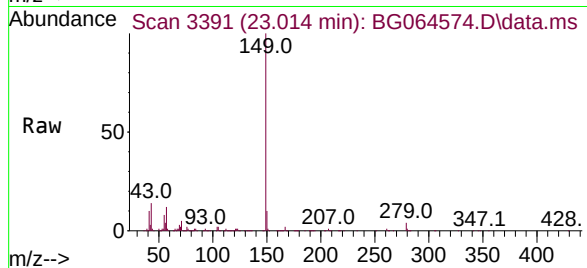
Tgt Ion:149 Resp: 681649
Ion Ratio Lower Upper
149 100
167 25.9 20.0 30.0
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 67.379 ng
RT: 23.014 min Scan# 3391
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

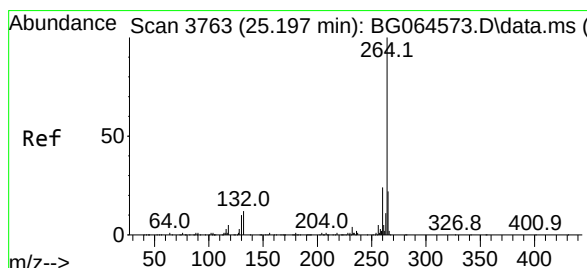
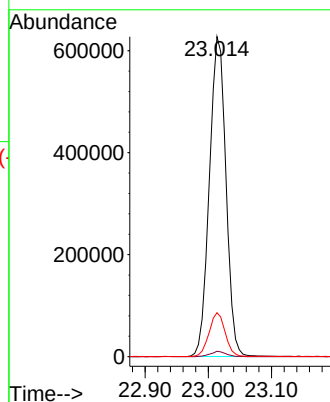
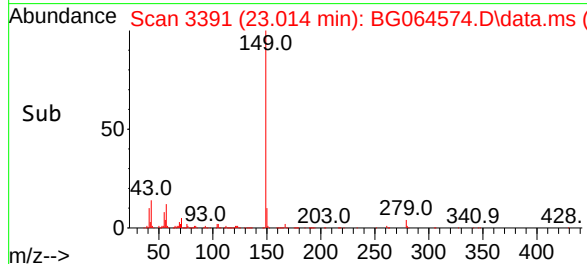
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 114265
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 10.8 16.2

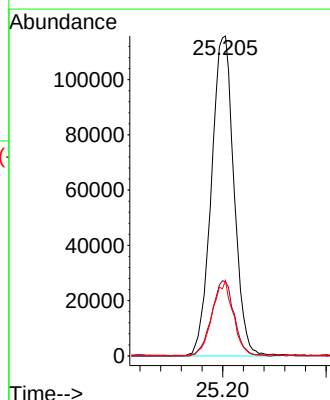
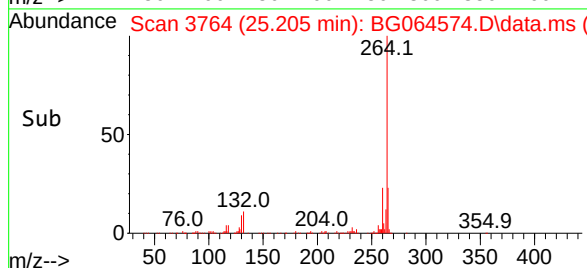
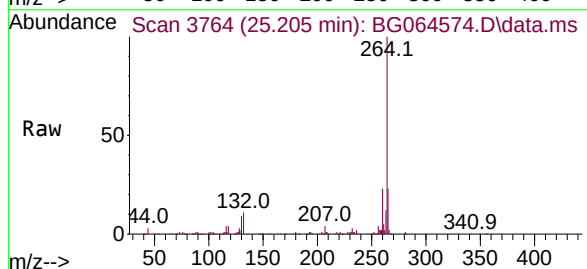
Manual Integrations
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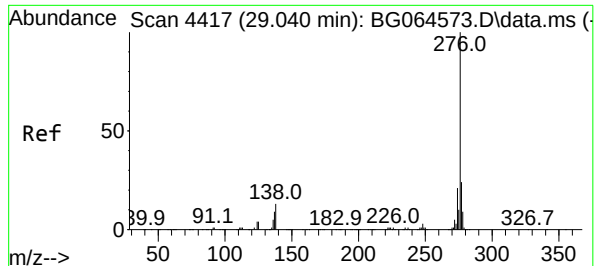
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3764
Delta R.T. 0.005 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:264 Resp: 350916
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 23.5 17.6 26.4





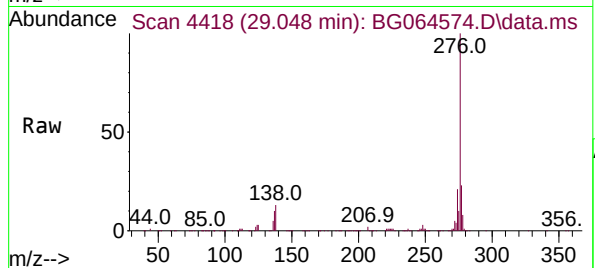
#87
Indeno(1,2,3-cd)pyrene
Concen: 66.979 ng
RT: 29.048 min Scan# 4417
Delta R.T. -0.013 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

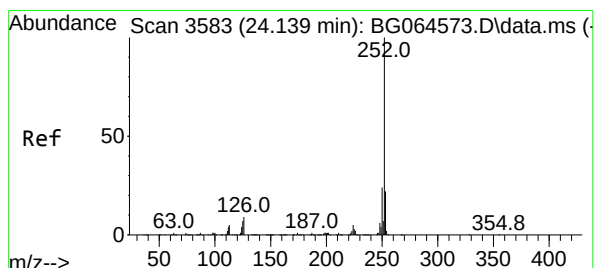
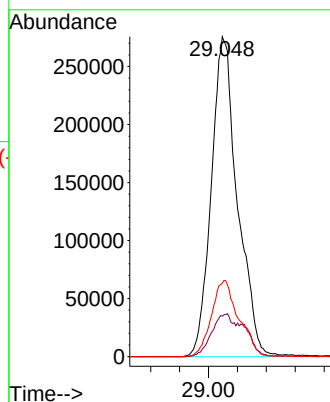
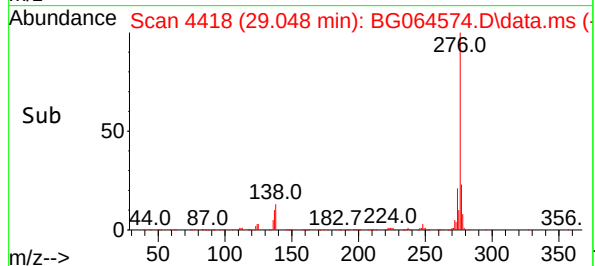


Tgt Ion:276 Resp: 1729035
Ion Ratio Lower Upper
276 100
138 11.2 10.8 16.2
277 24.9 20.1 30.1

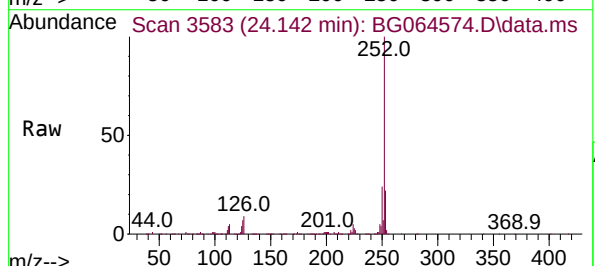
Manual Integrations

APPROVED

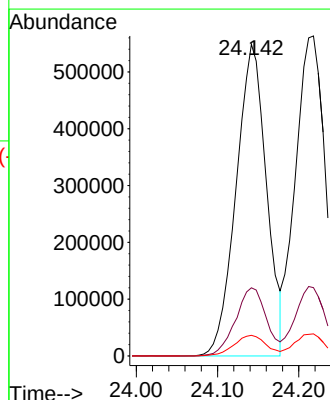
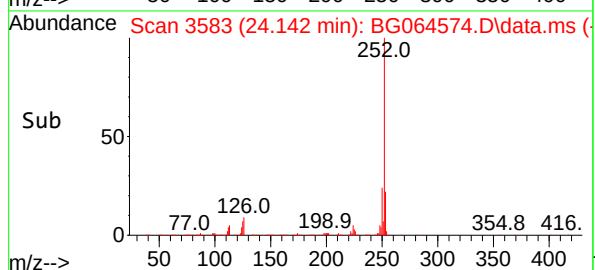
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

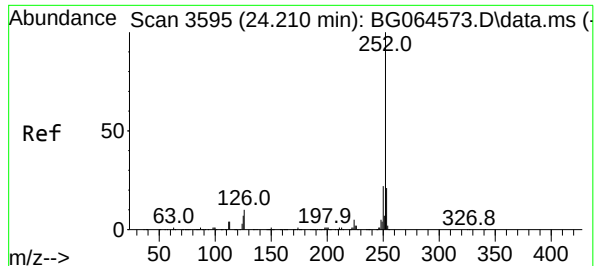


#88
Benzo(b)fluoranthene
Concen: 66.207 ng
RT: 24.142 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44



Tgt Ion:252 Resp: 1424640
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 66.703 ng

RT: 24.218 min Scan# 3596

Delta R.T. -0.001 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1436312

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

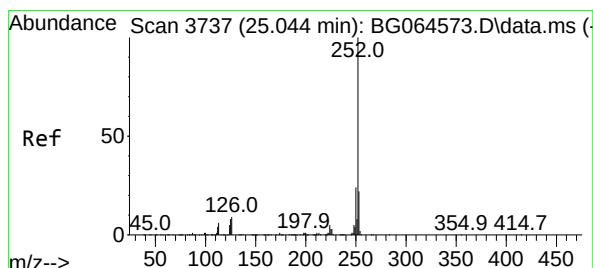
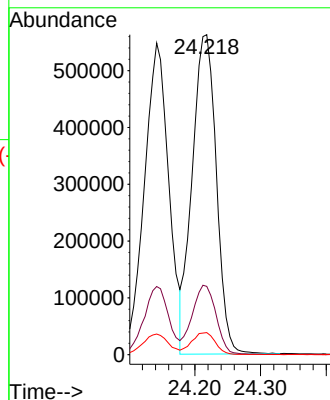
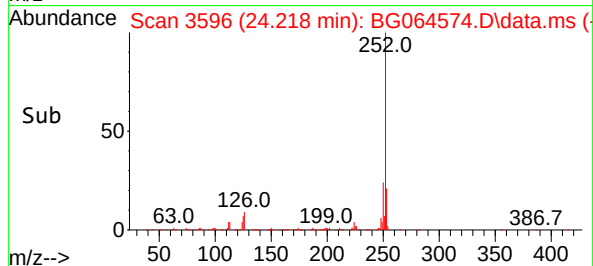
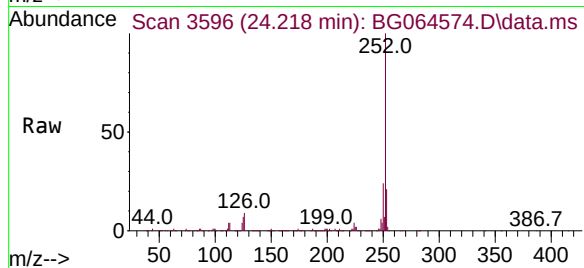
125 6.9 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 66.315 ng

RT: 25.052 min Scan# 3738

Delta R.T. -0.007 min

Lab File: BG064574.D

Acq: 24 Oct 2025 13:44

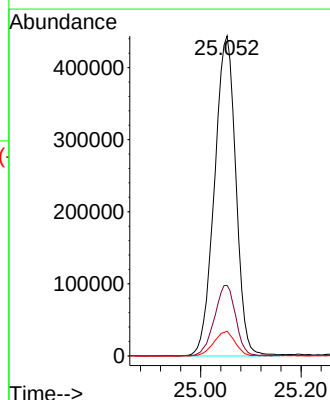
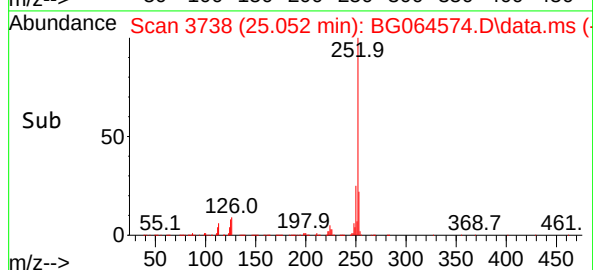
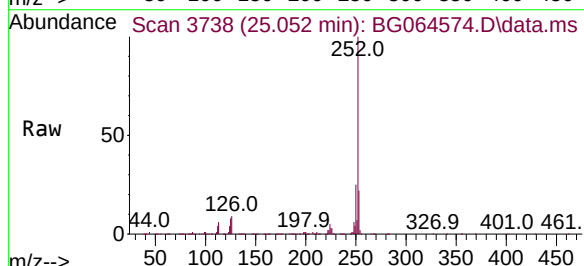
Tgt Ion:252 Resp: 1311701

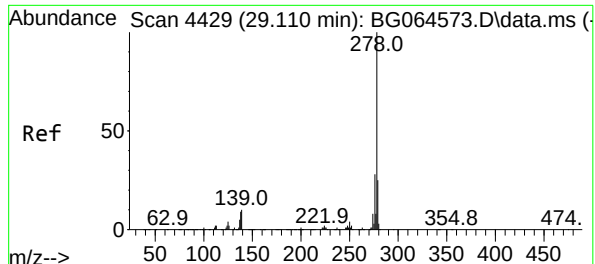
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

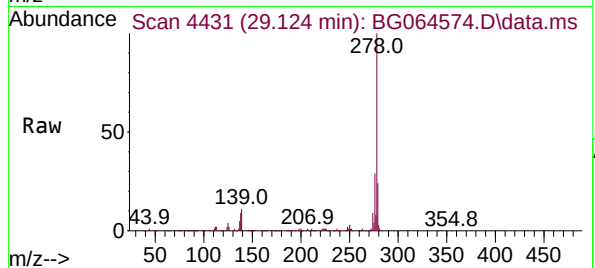
125 7.7 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 66.479 ng
RT: 29.124 min Scan# 4418
Delta R.T. -0.013 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

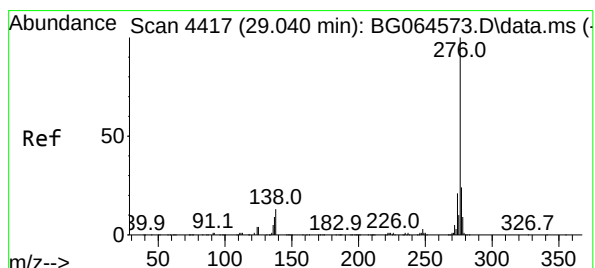
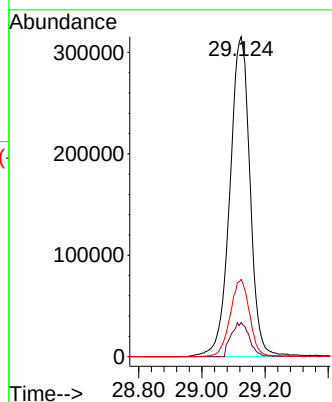
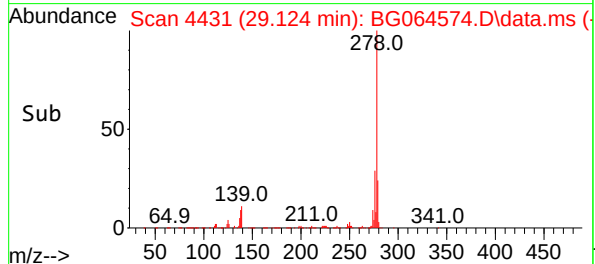
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1394234
Ion Ratio Lower Upper
278 100
139 10.7 8.0 12.0
279 24.1 19.8 29.6

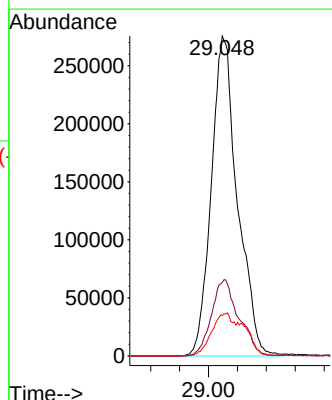
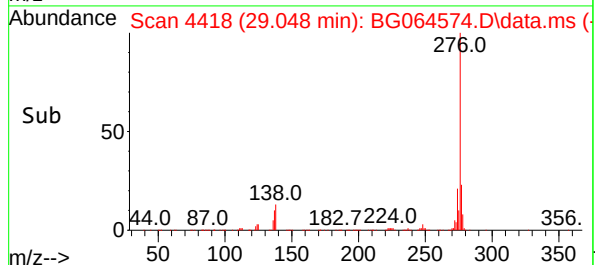
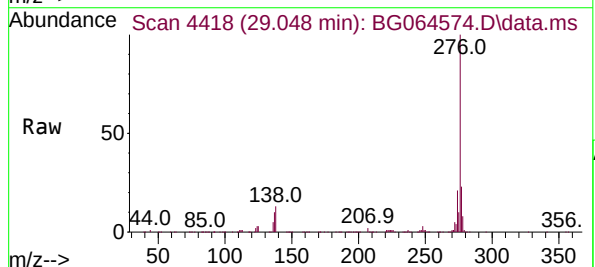
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 66.979 ng
RT: 29.048 min Scan# 4418
Delta R.T. -0.013 min
Lab File: BG064574.D
Acq: 24 Oct 2025 13:44

Tgt Ion:276 Resp: 1729035
Ion Ratio Lower Upper
276 100
277 22.9 19.2 28.8
138 12.6 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	45466	20.000	ng	0.00
21) Naphthalene-d8	11.053	136	179569	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	133797	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	333421	20.000	ng	0.00
76) Chrysene-d12	21.863	240	363291	20.000	ng	0.00
86) Perylene-d12	25.201	264	382372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	411587	151.948	ng	0.00
7) Phenol-d6	7.357	99	554287	149.124	ng	0.00
23) Nitrobenzene-d5	9.390	82	511341	171.034	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	328066	169.886	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	1314892	148.960	ng	0.00
79) Terphenyl-d14	20.177	244	2697491	140.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	83655	69.757	ng	99
3) Pyridine	3.996	79	259519	72.062	ng	96
4) n-Nitrosodimethylamine	3.908	42	141185	73.105	ng	99
6) Aniline	7.533	93	364528	72.073	ng	99
8) 2-Chlorophenol	7.780	128	221112	77.988	ng	99
9) Benzaldehyde	7.339	77	120456	59.361	ng	94
10) Phenol	7.386	94	307886	74.900	ng	98
11) bis(2-Chloroethyl)ether	7.533	93	364528	72.073	ng	99
12) 1,3-Dichlorobenzene	8.109	146	236208	72.385	ng	98
13) 1,4-Dichlorobenzene	8.256	146	240570	72.504	ng	97
14) 1,2-Dichlorobenzene	8.579	146	233326	72.905	ng	98
15) Benzyl Alcohol	8.456	79	233374	76.140	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.743	45	573671	72.364	ng	99
17) 2-Methylphenol	8.450	107	116107	75.783	ng	89
18) Hexachloroethane	9.325	117	87876	75.469	ng	98
19) n-Nitroso-di-n-propyla...	9.031	70	192155	74.804	ng	99
20) 3+4-Methylphenols	8.984	107	285690	74.434	ng	98
22) Acetophenone	9.049	105	365265	74.412	ng	# 99
24) Nitrobenzene	9.431	77	273231	84.025	ng	97
25) Isophorone	9.966	82	539122	75.150	ng	100
26) 2-Nitrophenol	10.148	139	103090	79.938	ng	94
27) 2,4-Dimethylphenol	10.195	122	217977m	80.082	ng	
28) bis(2-Chloroethoxy)met...	10.436	93	299758	73.388	ng	99
29) 2,4-Dichlorophenol	10.682	162	231256	80.526	ng	97
30) 1,2,4-Trichlorobenzene	10.906	180	250883	76.888	ng	97
31) Naphthalene	11.100	128	744985	74.828	ng	99
32) Benzoic acid	10.342	122	164443m	78.645	ng	
33) 4-Chloroaniline	11.188	127	290611	75.100	ng	98
34) Hexachlorobutadiene	11.393	225	196140	76.863	ng	99
35) Caprolactam	11.975	113	83266	75.596	ng	93
36) 4-Chloro-3-methylphenol	12.298	107	265909	77.031	ng	99
37) 2-Methylnaphthalene	12.692	142	542132	74.168	ng	99
38) 1-Methylnaphthalene	12.909	142	527717	73.372	ng	98
40) 1,2,4,5-Tetrachloroben...	13.056	216	351719	78.328	ng	99
41) Hexachlorocyclopentadiene	13.038	237	163461	80.876	ng	99
43) 2,4,6-Trichlorophenol	13.279	196	218318	84.998	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064575.D
 Acq On : 24 Oct 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.350	196	243241	82.064	ng	99
46) 1,1'-Biphenyl	13.685	154	713186	74.977	ng	100
47) 2-Chloronaphthalene	13.732	162	547242	76.218	ng	99
48) 2-Nitroaniline	13.914	65	196580	79.301	ng	95
49) Acenaphthylene	14.566	152	858511	75.806	ng	99
50) Dimethylphthalate	14.290	163	782708	76.450	ng	98
51) 2,6-Dinitrotoluene	14.402	165	135769	78.216	ng	98
52) Acenaphthene	14.913	154	589213	76.150	ng	99
53) 3-Nitroaniline	14.731	138	159072	90.409	ng	96
54) 2,4-Dinitrophenol	14.930	184	82655	79.755	ng	# 65
55) Dibenzofuran	15.242	168	923386	73.816	ng	99
56) 4-Nitrophenol	15.018	139	142966	87.640	ng	98
57) 2,4-Dinitrotoluene	15.189	165	212164	79.117	ng	96
58) Fluorene	15.888	166	711212	72.801	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.459	232	240094	84.708	ng	99
60) Diethylphthalate	15.653	149	803621	76.874	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	408239	74.463	ng	99
62) 4-Nitroaniline	15.894	138	173159	88.462	ng	96
63) Azobenzene	16.170	77	723988	75.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.947	198	124101	80.450	ng	95
66) n-Nitrosodiphenylamine	16.088	169	666665	74.020	ng	98
67) 4-Bromophenyl-phenylether	16.769	248	299348	75.762	ng	99
68) Hexachlorobenzene	16.893	284	341338	75.724	ng	96
69) Atrazine	17.028	200	281950	72.745	ng	97
70) Pentachlorophenol	17.228	266	235472	83.771	ng	93
71) Phenanthrene	17.627	178	1340610	73.525	ng	99
72) Anthracene	17.715	178	1367044	73.704	ng	99
73) Carbazole	17.974	167	1195960	73.122	ng	99
74) Di-n-butylphthalate	18.538	149	1433446	75.790	ng	100
75) Fluoranthene	19.619	202	1663673	72.835	ng	98
77) Benzidine	19.783	184	556525	68.376	ng	98
78) Pyrene	19.977	202	1737788	73.215	ng	99
80) Butylbenzylphthalate	20.859	149	595333	82.988	ng	98
81) Benzo(a)anthracene	21.840	228	1805628	74.959	ng	99
82) 3,3'-Dichlorobenzidine	21.740	252	615546	76.524	ng	99
83) Chrysene	21.910	228	1704533	74.368	ng	97
84) Bis(2-ethylhexyl)phtha...	21.752	149	854027	79.672	ng	98
85) Di-n-octyl phthalate	23.015	149	1432956	79.289	ng	100
87) Indeno(1,2,3-cd)pyrene	29.061	276	2156428	76.663	ng	98
88) Benzo(b)fluoranthene	24.143	252	1810094	77.199	ng	99
89) Benzo(k)fluoranthene	24.219	252	1757758	74.916	ng	98
90) Benzo(a)pyrene	25.060	252	1649779	76.546	ng	99
91) Dibenzo(a,h)anthracene	29.137	278	1747890	76.486	ng	98
92) Benzo(g,h,i)perylene	29.061	276	2156428	76.663	ng	99

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

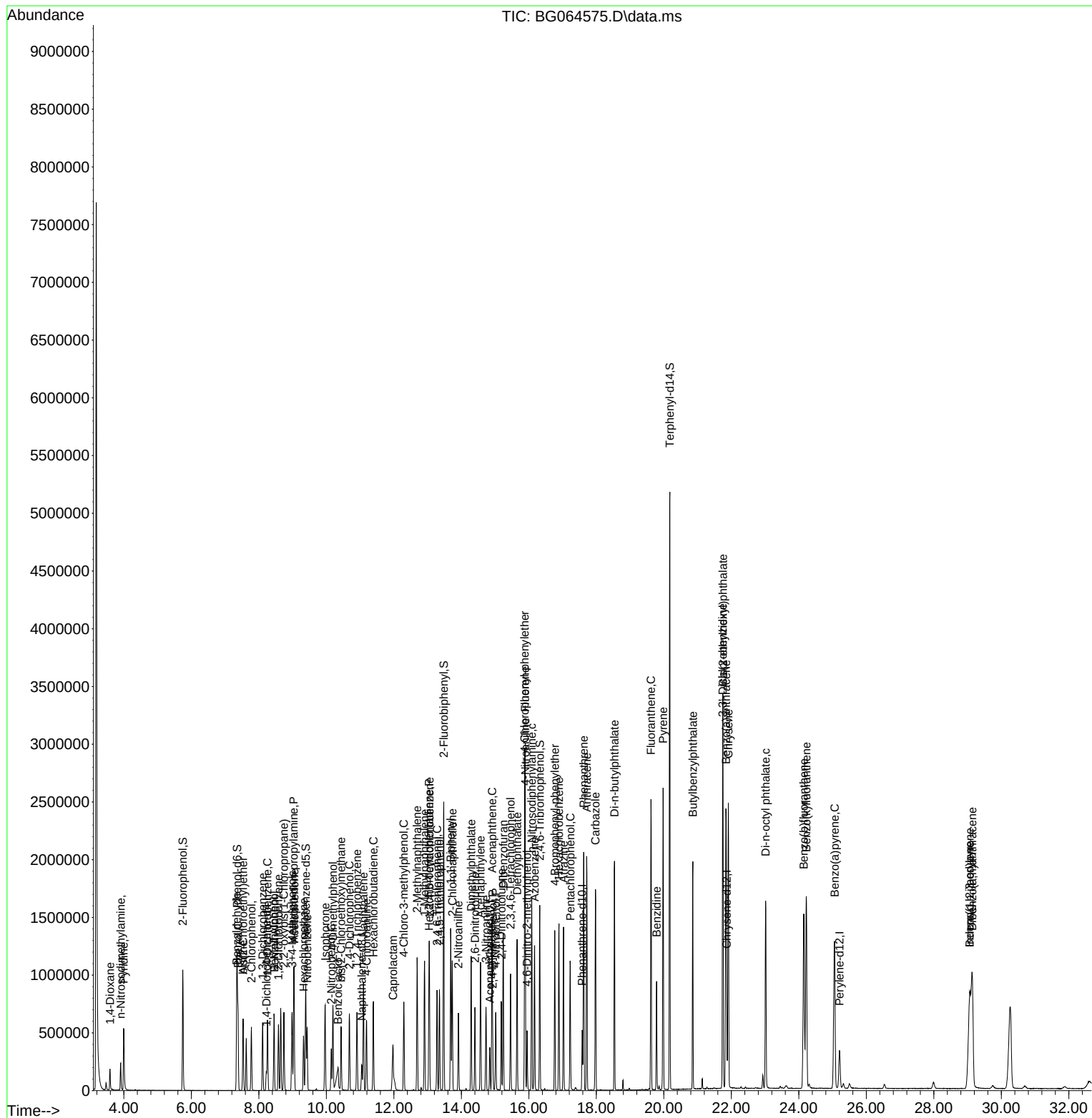
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Data File : BG064575.D
Acq On : 24 Oct 2025 14:24
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

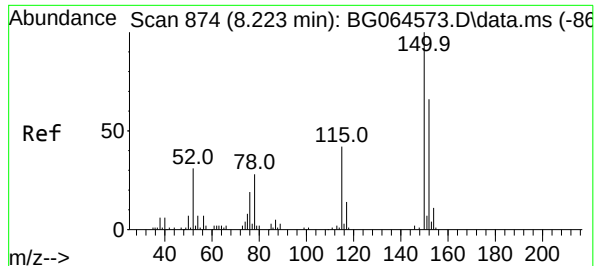
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jaagrut Upadhyay 10/27/2025

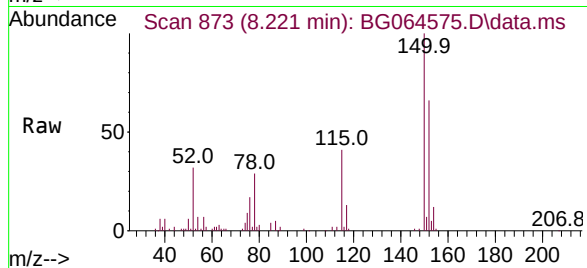
Quant Time: Oct 24 17:11:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

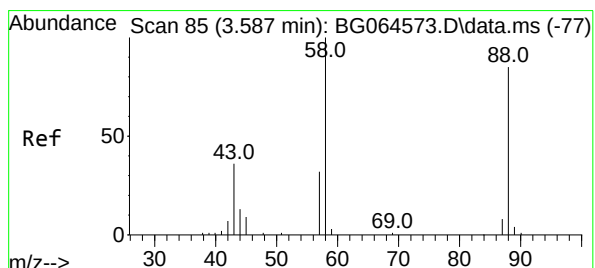
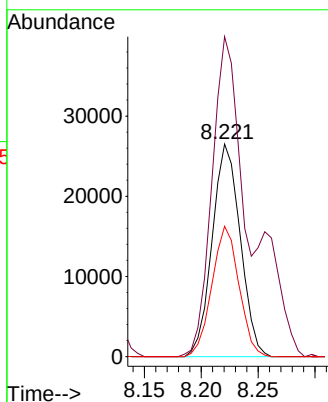
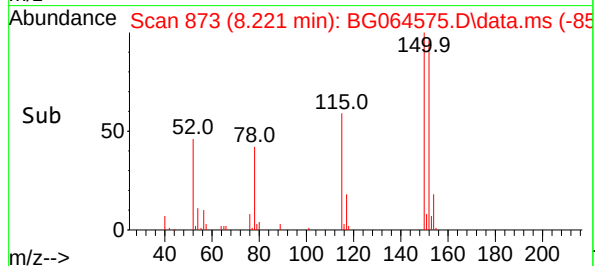
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 45466
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.4
115 61.3 50.8 76.2

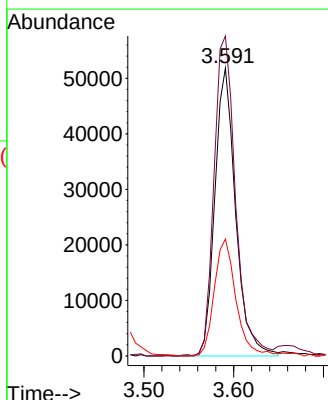
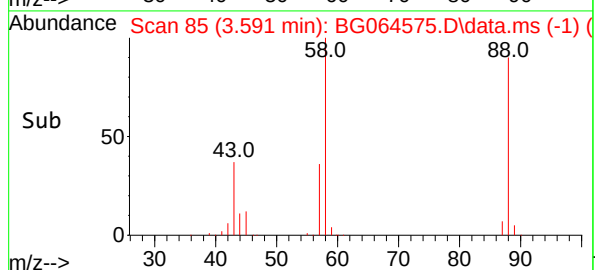
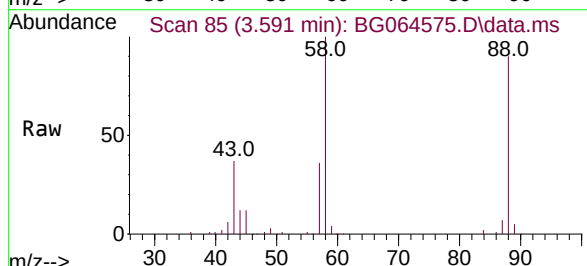
Manual Integrations
APPROVED

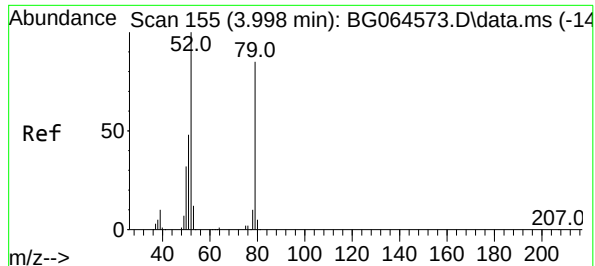
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 69.757 ng
RT: 3.591 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

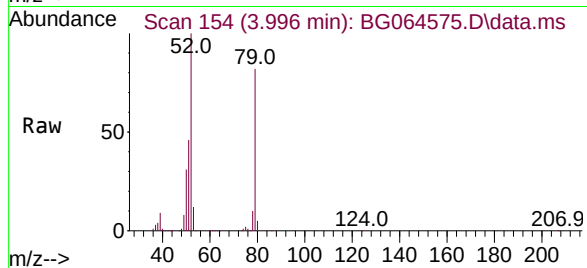
Tgt Ion: 88 Resp: 83655
Ion Ratio Lower Upper
88 100
58 114.3 92.4 138.6
43 42.2 33.0 49.6





#3
Pyridine
Concen: 72.062 ng
RT: 3.996 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

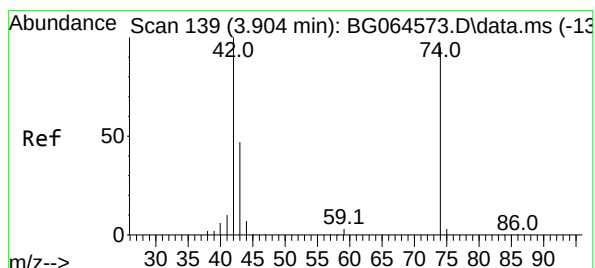
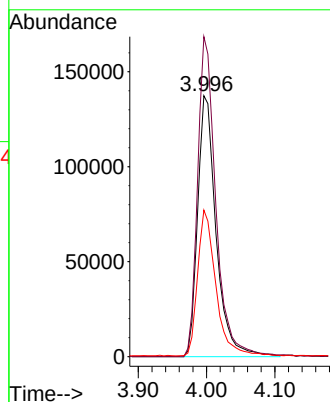
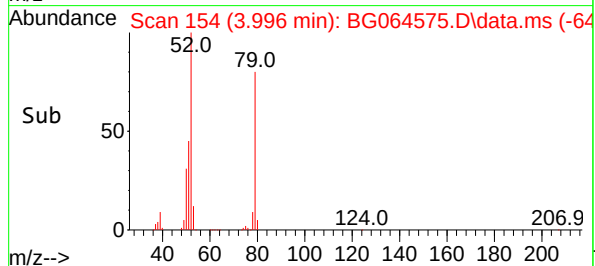
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 259519
Ion Ratio Lower Upper
79 100
52 122.7 94.2 141.2
51 56.2 46.1 69.1

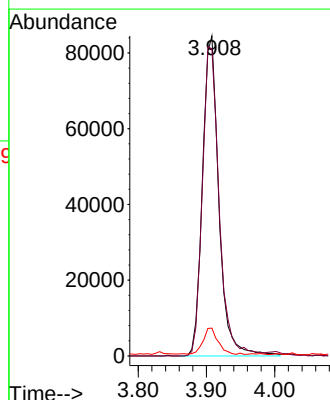
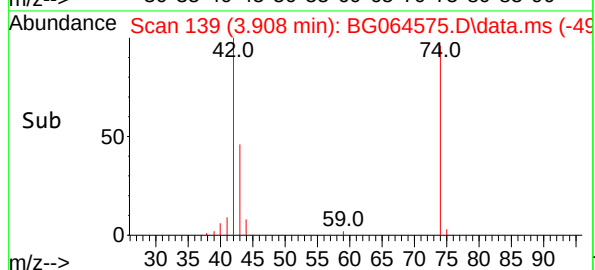
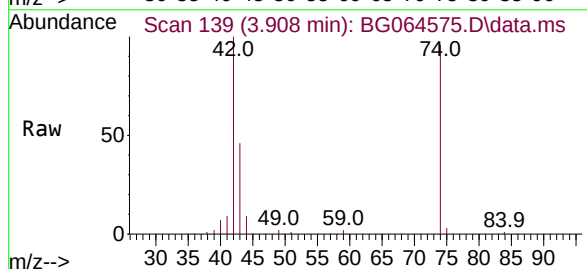
Manual Integrations
APPROVED

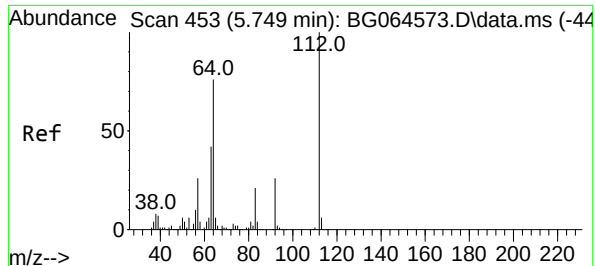
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#4
n-Nitrosodimethylamine
Concen: 73.105 ng
RT: 3.908 min Scan# 139
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

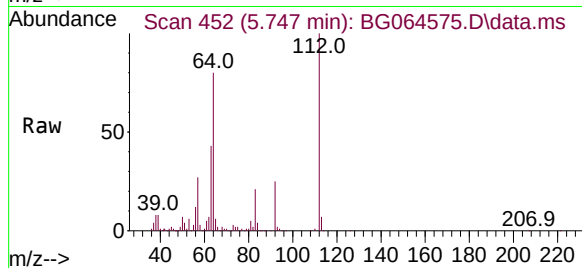
Tgt Ion: 42 Resp: 141185
Ion Ratio Lower Upper
42 100
74 96.0 76.1 114.1
44 8.7 6.3 9.5





#5
2-Fluorophenol
Concen: 151.948 ng
RT: 5.747 min Scan# 453
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

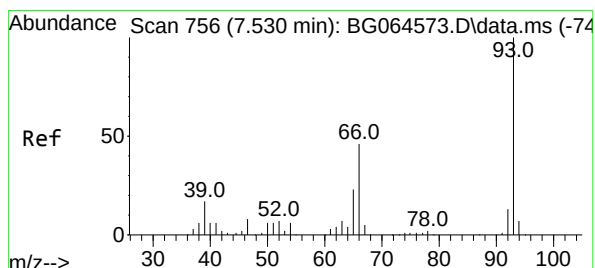
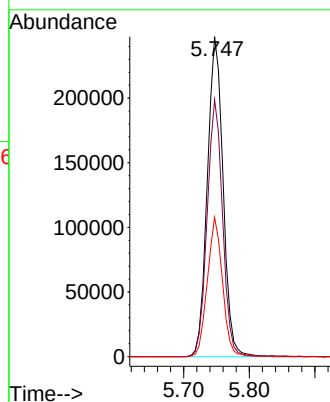
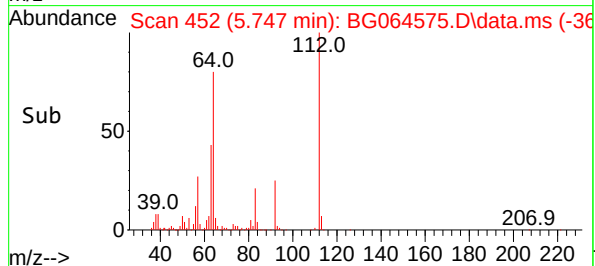
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 411587
Ion Ratio Lower Upper
112 100
64 80.3 60.7 91.1
63 43.5 33.4 50.0

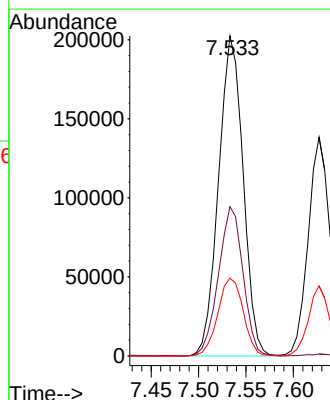
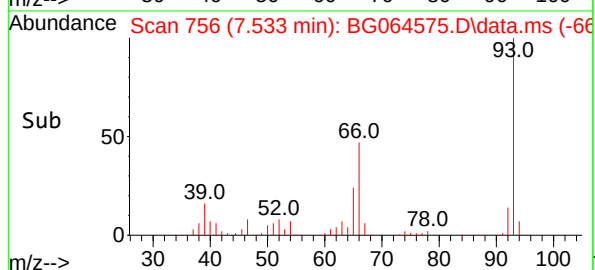
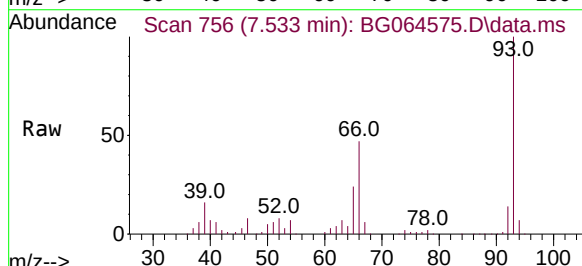
Manual Integrations
APPROVED

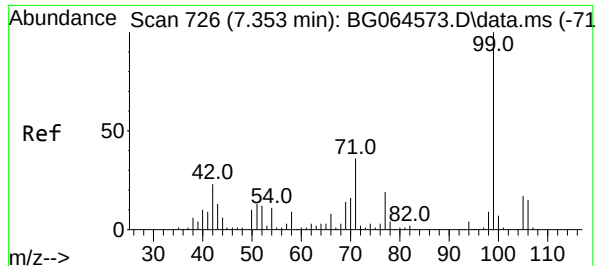
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 72.073 ng
RT: 7.533 min Scan# 756
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion: 93 Resp: 364528
Ion Ratio Lower Upper
93 100
66 46.6 37.0 55.6
65 24.3 18.3 27.5





#7

Phenol-d6

Concen: 149.124 ng

RT: 7.357 min Scan# 726

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 55428

Ion Ratio Lower Upper

99 100

42 24.9 18.3 27.5

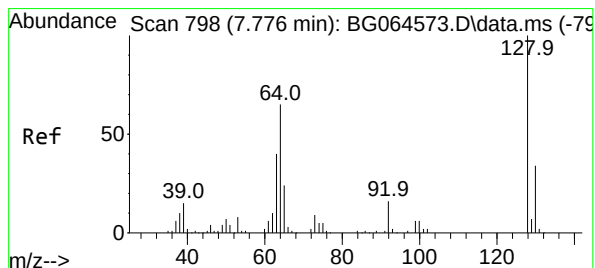
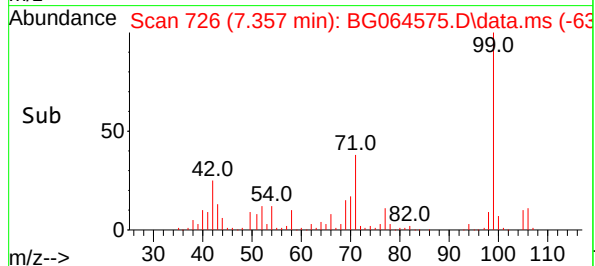
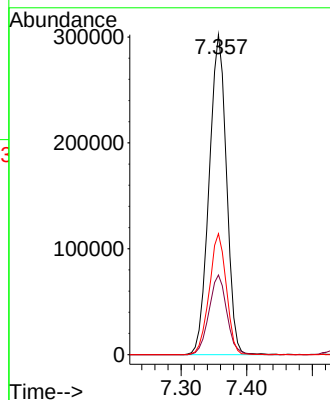
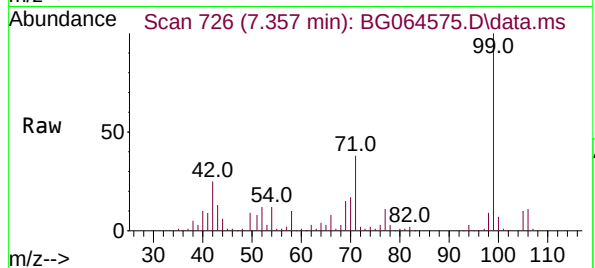
71 37.8 28.6 43.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#8

2-Chlorophenol

Concen: 77.988 ng

RT: 7.780 min Scan# 798

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

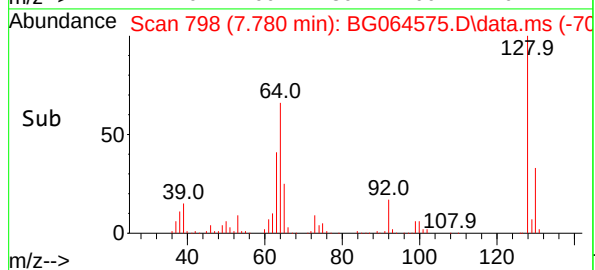
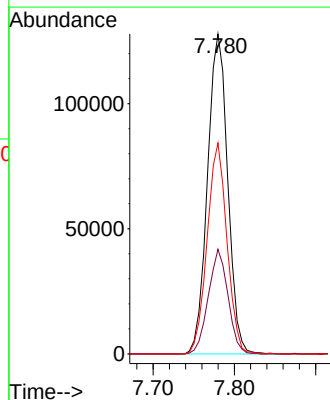
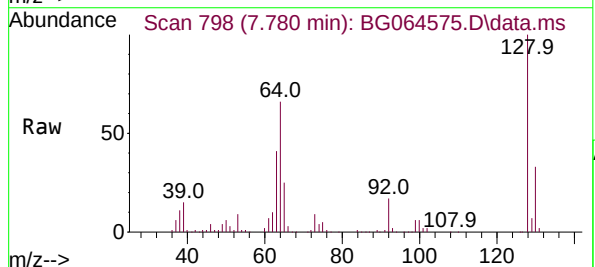
Tgt Ion:128 Resp: 221112

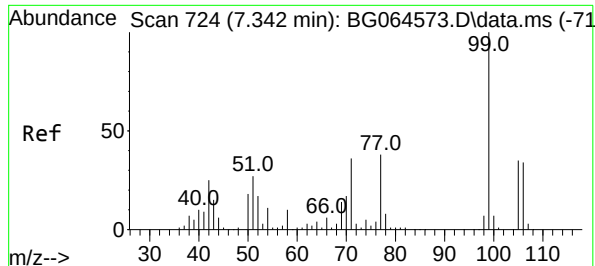
Ion Ratio Lower Upper

128 100

130 32.7 13.5 53.5

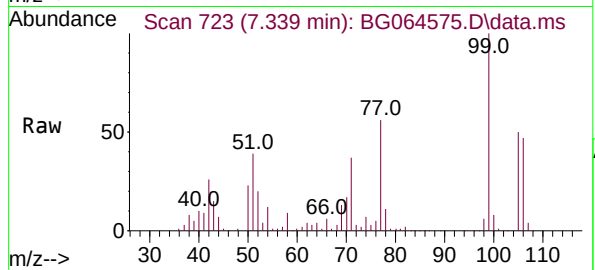
64 65.9 45.2 85.2





#9
Benzaldehyde
Concen: 59.361 ng
RT: 7.339 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

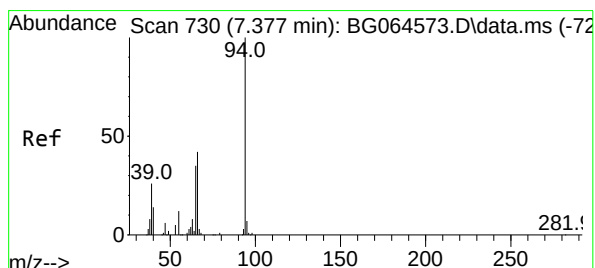
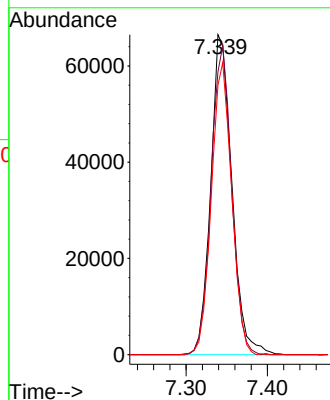
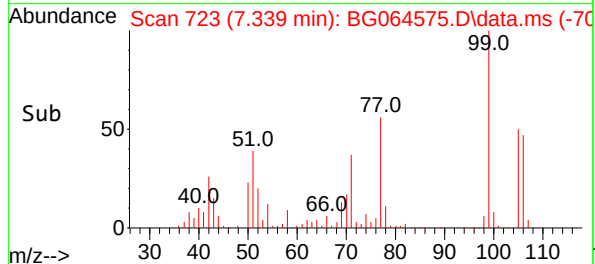
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 120456
Ion Ratio Lower Upper
77 100
105 88.4 72.9 112.9
106 84.2 70.8 110.8

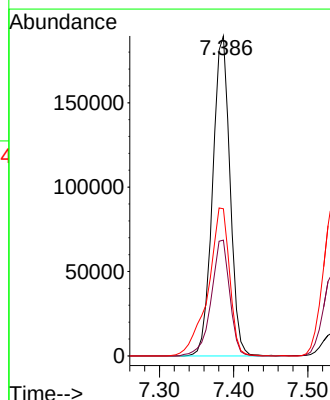
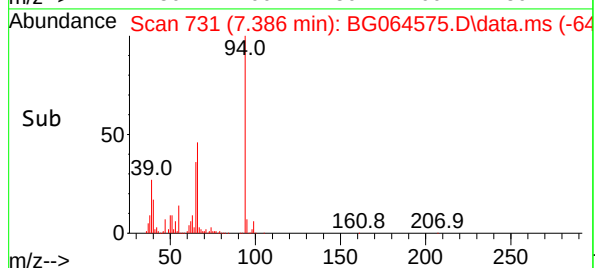
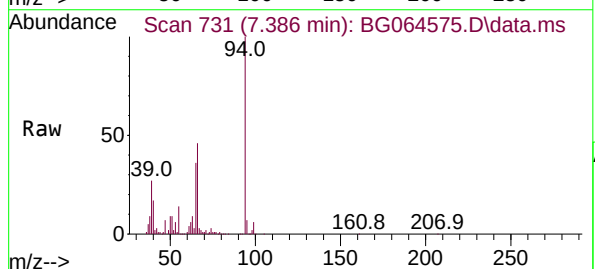
Manual Integrations
APPROVED

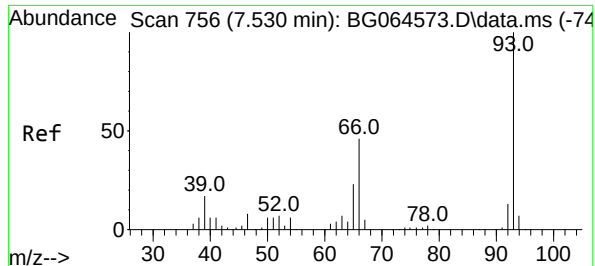
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#10
Phenol
Concen: 74.900 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

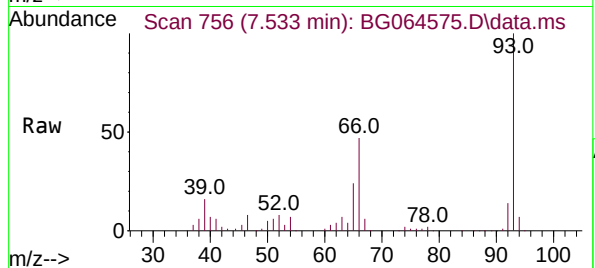
Tgt Ion: 94 Resp: 307886
Ion Ratio Lower Upper
94 100
65 36.2 15.8 55.8
66 46.0 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 72.073 ng
RT: 7.533 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

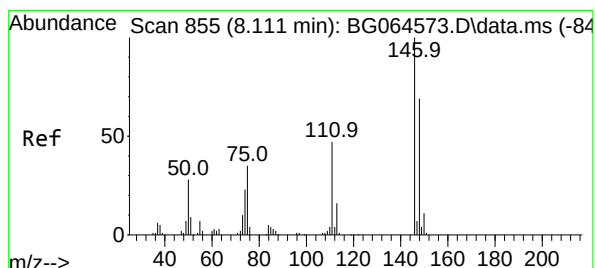
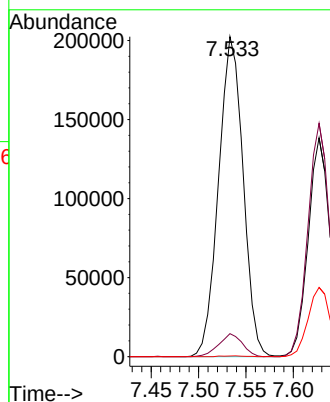
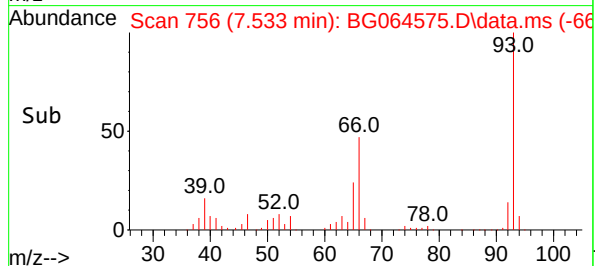
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 364528
Ion Ratio Lower Upper
93 100
63 7.2 0.0 27.4
95 0.2 0.0 20.2

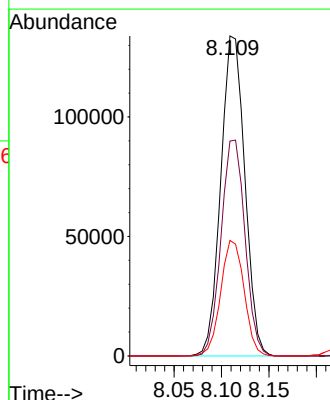
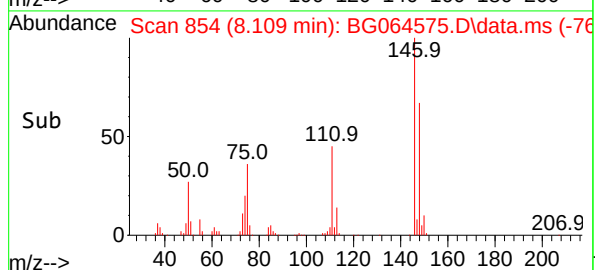
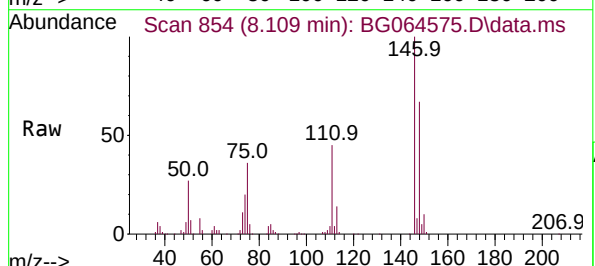
Manual Integrations
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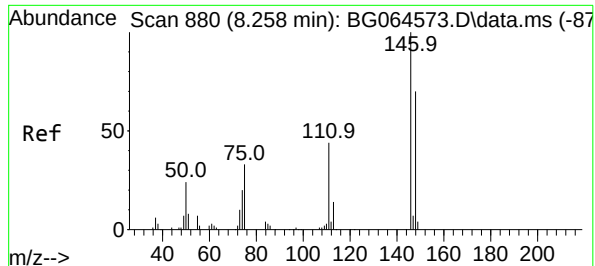
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 72.385 ng
RT: 8.109 min Scan# 854
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:146 Resp: 236208
Ion Ratio Lower Upper
146 100
148 67.1 55.3 82.9
75 36.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 72.504 ng

RT: 8.256 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 240570

Ion Ratio Lower Upper

146 100

148 66.4 56.2 84.4

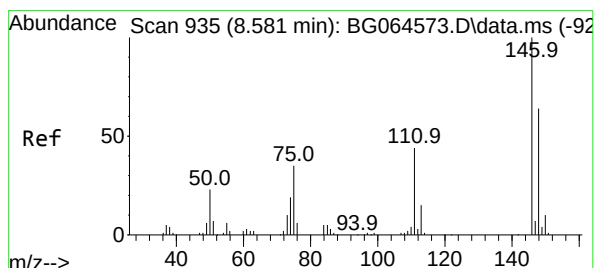
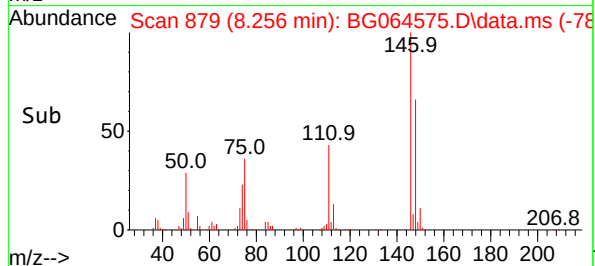
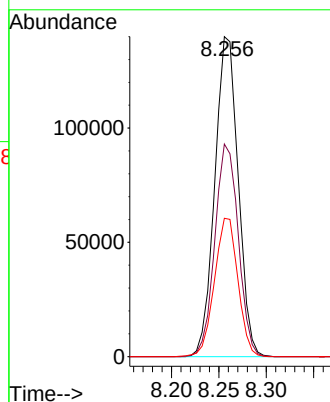
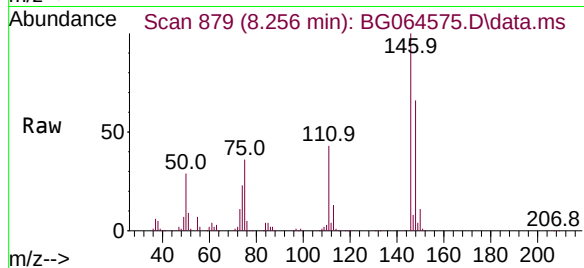
111 43.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 72.905 ng

RT: 8.579 min Scan# 934

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

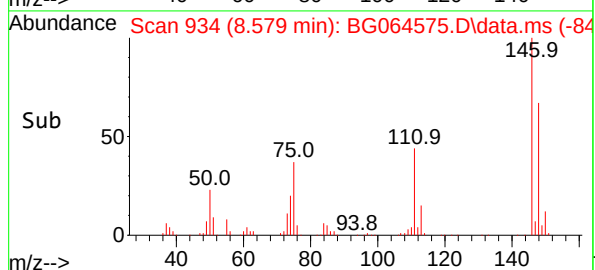
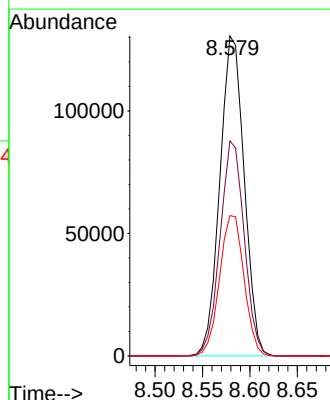
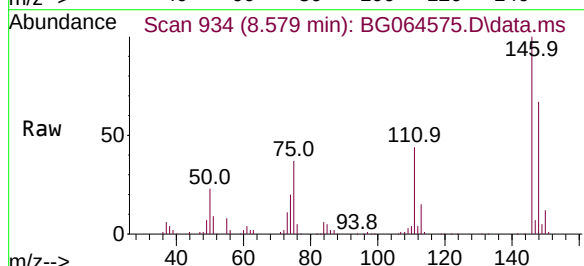
Tgt Ion:146 Resp: 233326

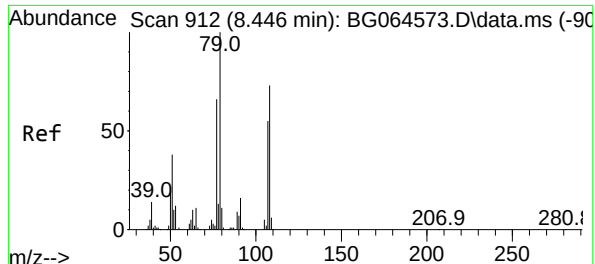
Ion Ratio Lower Upper

146 100

148 67.2 51.5 77.3

111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 76.140 ng

RT: 8.456 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 233374

Ion Ratio Lower Upper

79 100

108 67.5 58.1 87.1

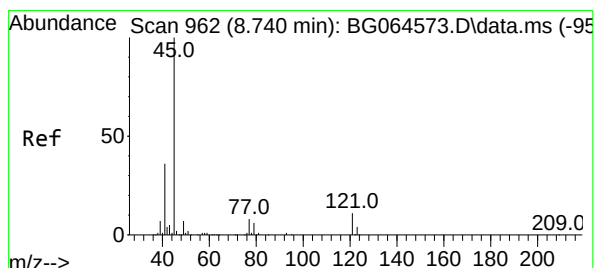
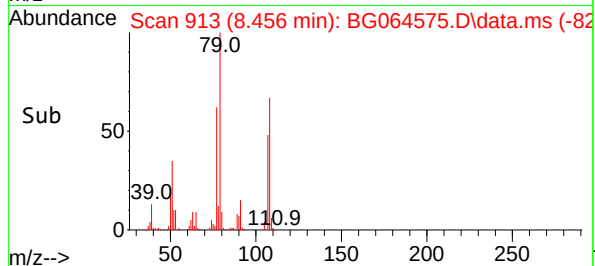
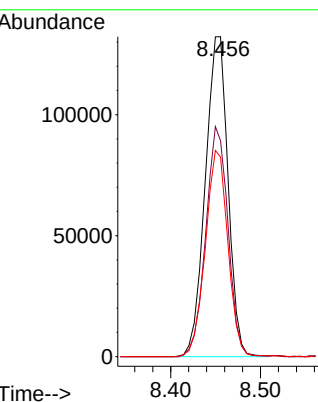
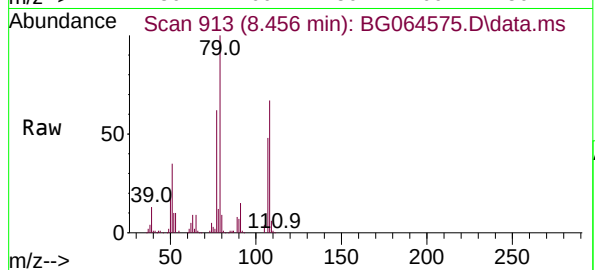
77 62.4 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.364 ng

RT: 8.743 min Scan# 962

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

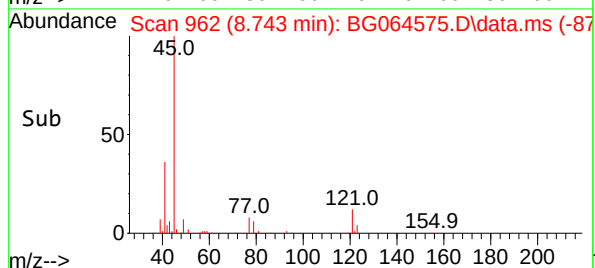
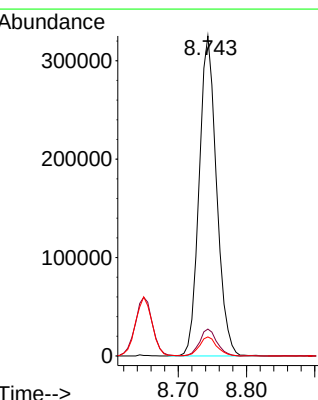
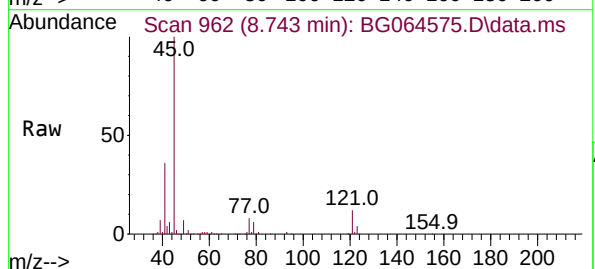
Tgt Ion: 45 Resp: 573671

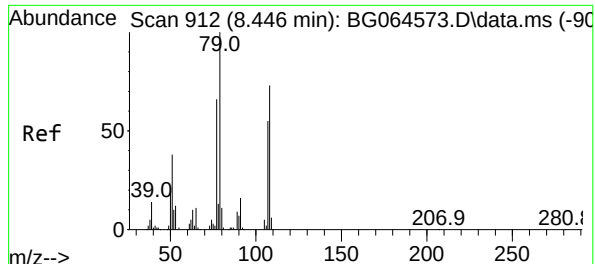
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.5

79 5.9 0.0 25.6





#17

2-Methylphenol

Concen: 75.783 ng

RT: 8.450 min Scan# 912

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 116107

Ion Ratio Lower Upper

107 100

108 145.0 106.4 159.6

77 130.0 96.7 145.1

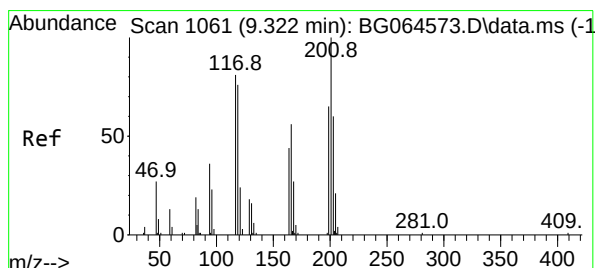
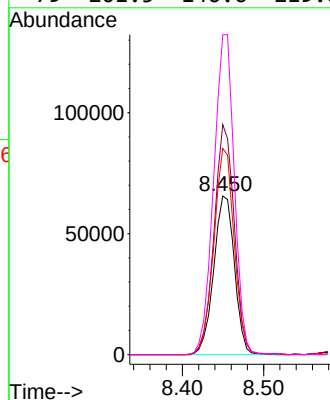
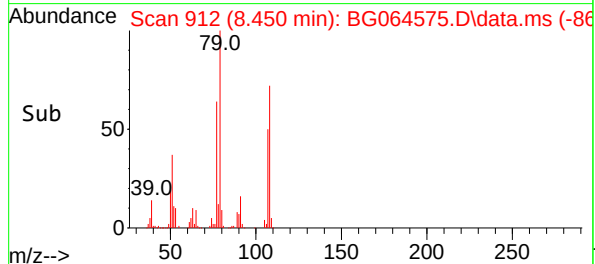
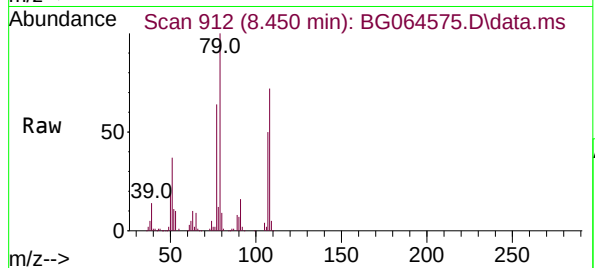
79 201.5 146.6 219.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 75.469 ng

RT: 9.325 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

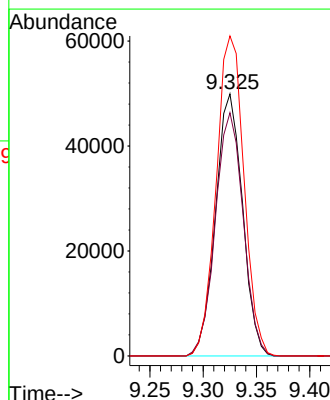
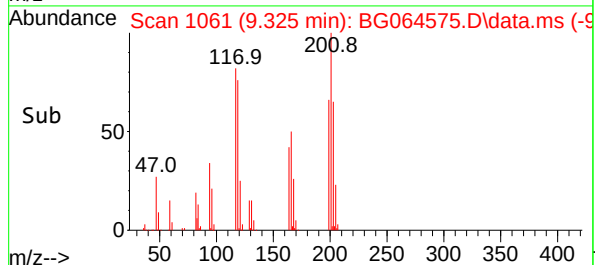
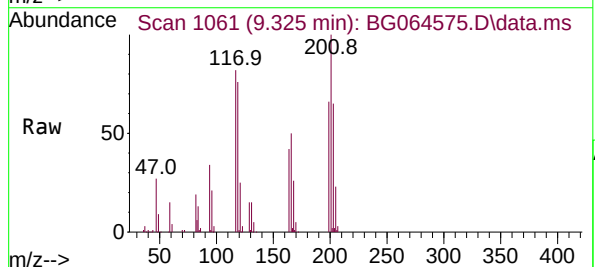
Tgt Ion:117 Resp: 87876

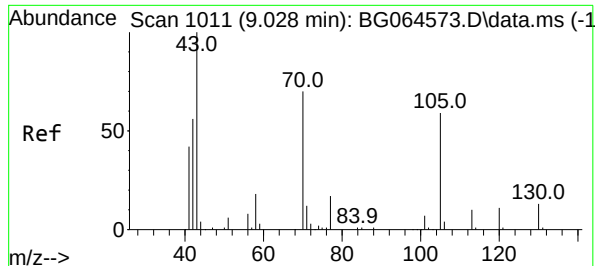
Ion Ratio Lower Upper

117 100

119 92.8 75.4 113.2

201 122.1 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 74.804 ng

RT: 9.031 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 19215

Ion Ratio Lower Upper

70 100

42 80.5 65.2 97.8

101 9.3 7.9 11.9

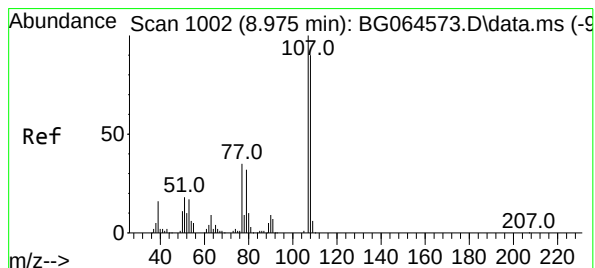
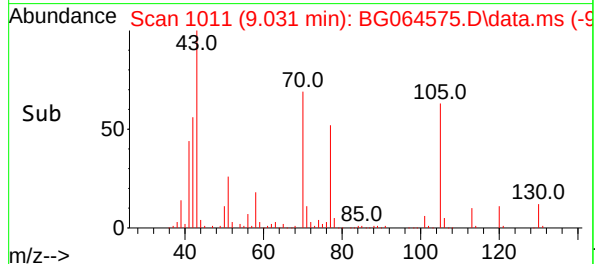
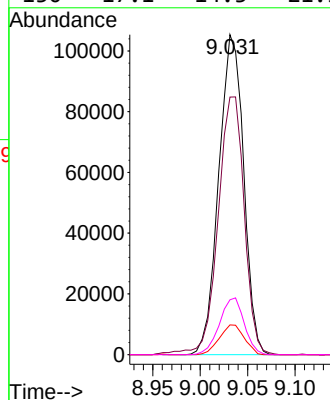
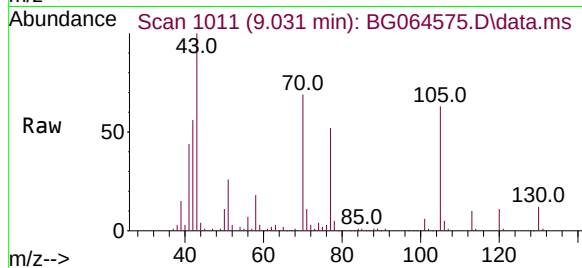
130 17.1 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 74.434 ng

RT: 8.984 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:107 Resp: 285690

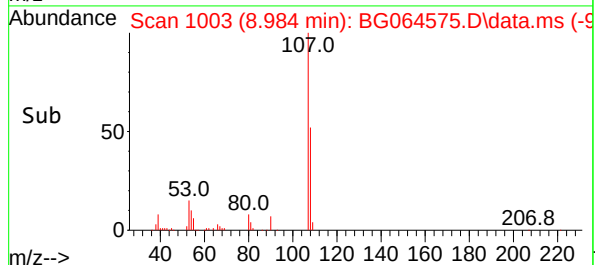
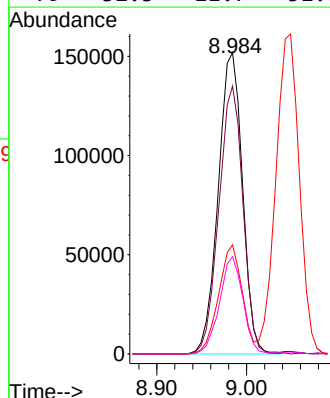
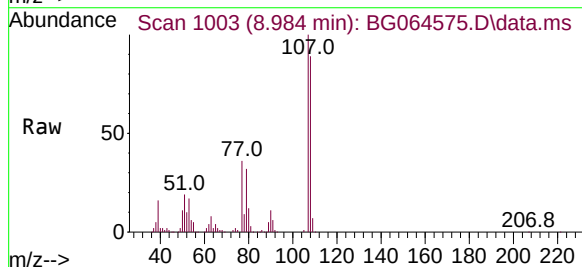
Ion Ratio Lower Upper

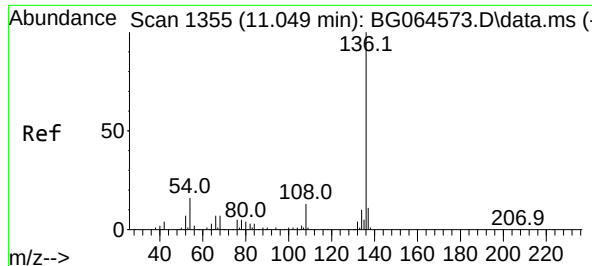
107 100

108 88.9 70.3 110.3

77 36.2 14.6 54.6

79 32.3 11.7 51.7





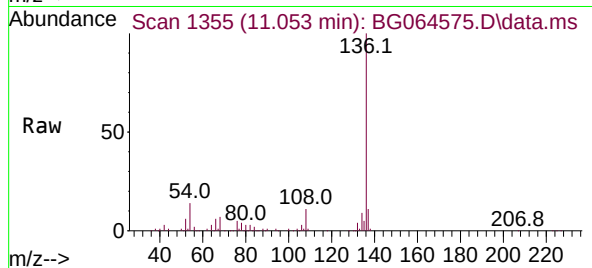
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

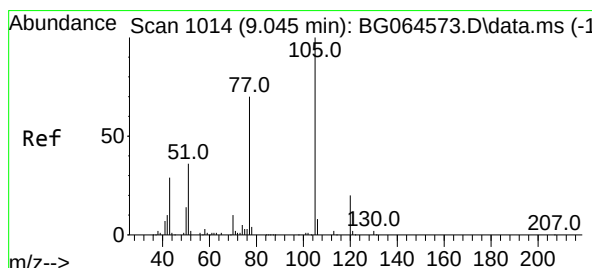
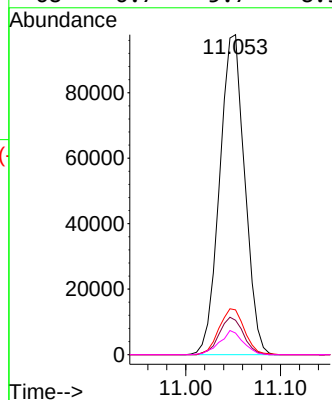
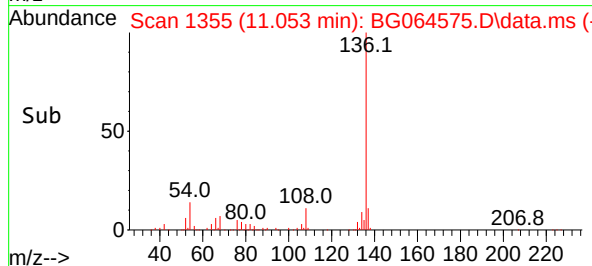


Tgt Ion:136 Resp: 179569
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 14.0 12.6 19.0
68 6.7 5.7 8.5

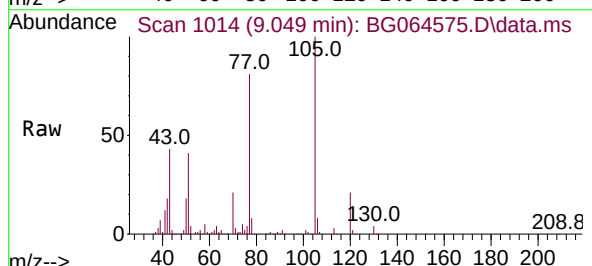
Manual Integrations

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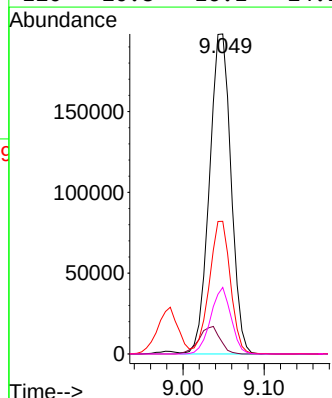
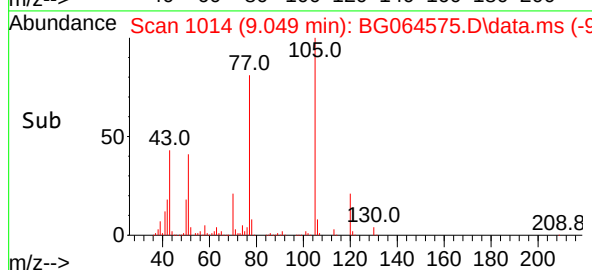
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

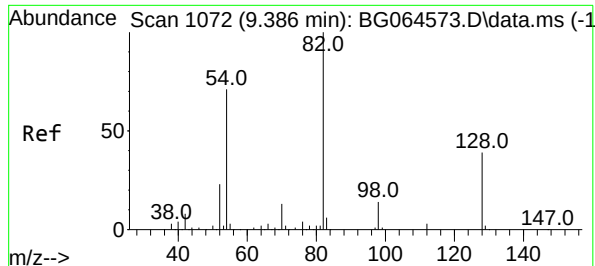


#22
Acetophenone
Concen: 74.412 ng
RT: 9.049 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:105 Resp: 365265
Ion Ratio Lower Upper
105 100
71 3.4 1.5 2.3#
51 41.4 33.7 50.5
120 20.8 16.1 24.1





#23

Nitrobenzene-d5

Concen: 171.034 ng

RT: 9.390 min Scan# 1072

Delta R.T. -0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 51134

Ion Ratio Lower Upper

82 100

128 40.8 31.3 46.9

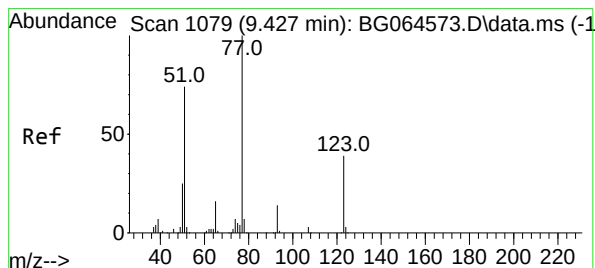
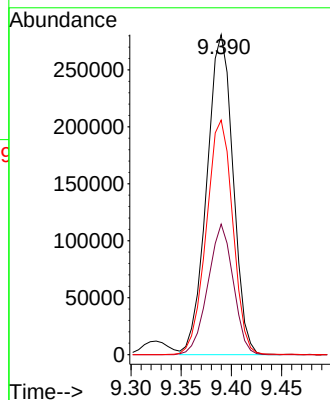
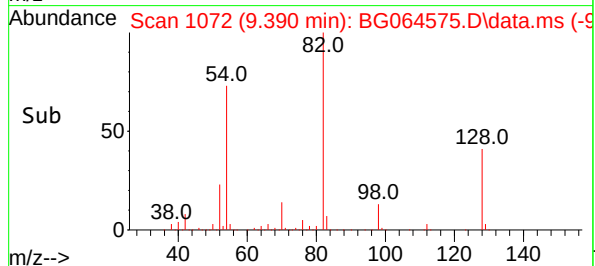
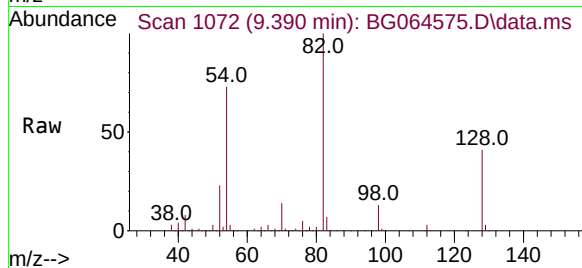
54 73.3 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 84.025 ng

RT: 9.431 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

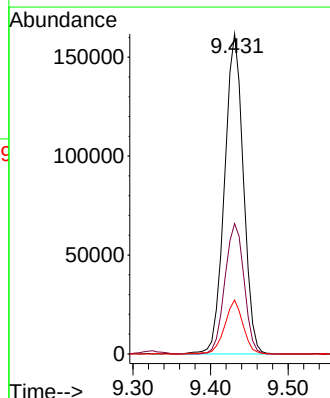
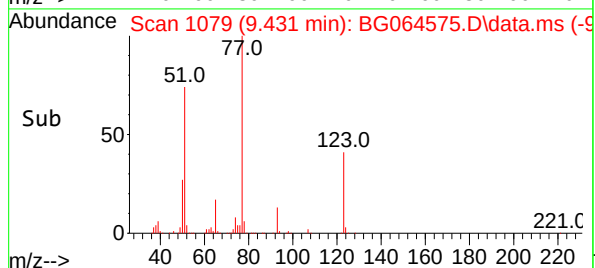
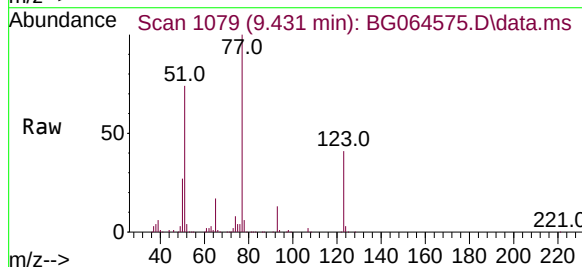
Tgt Ion: 77 Resp: 273231

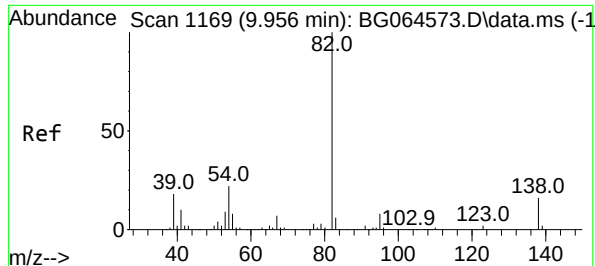
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

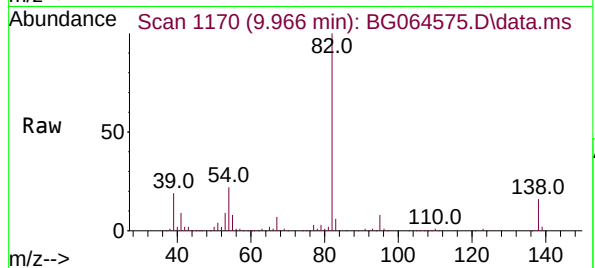
65 16.8 12.7 19.1





#25
Isophorone
Concen: 75.150 ng
RT: 9.966 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

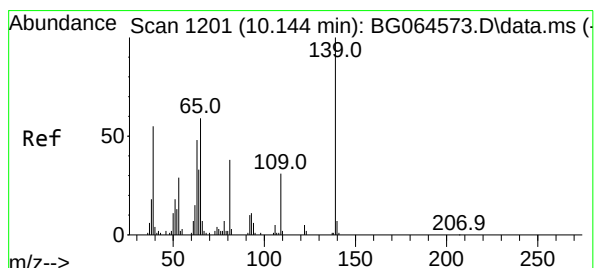
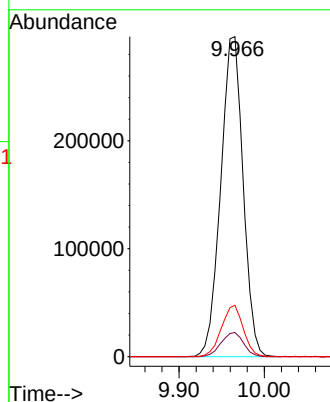
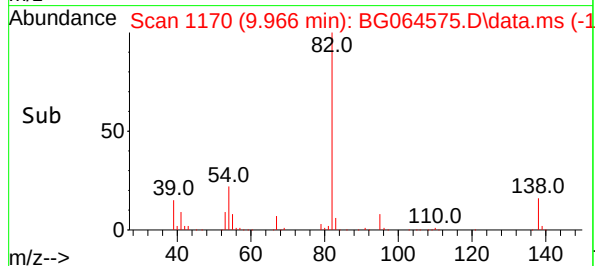
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 539122
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.0 13.0 19.4

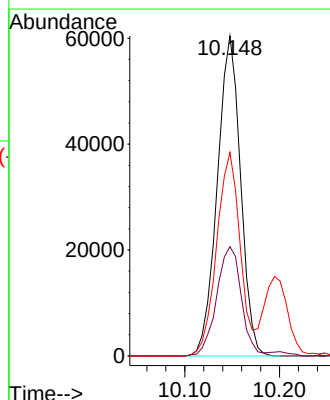
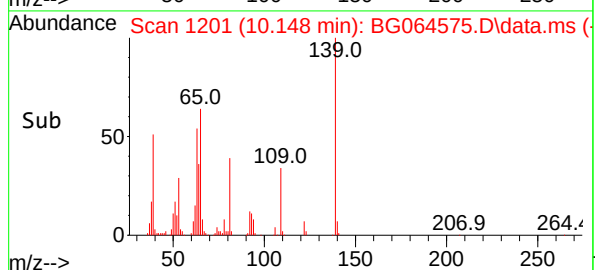
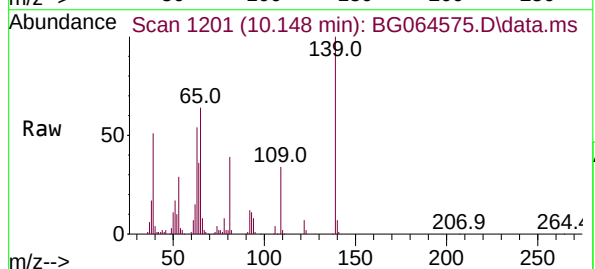
Manual Integrations
APPROVED

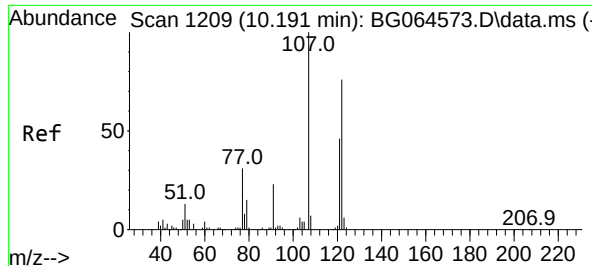
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#26
2-Nitrophenol
Concen: 79.938 ng
RT: 10.148 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

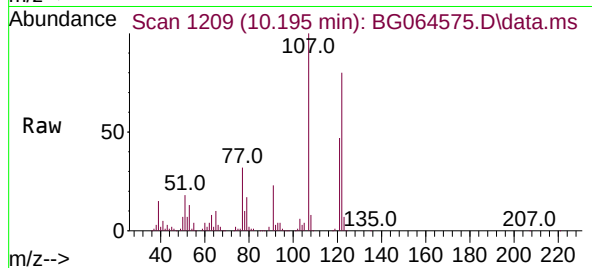
Tgt Ion:139 Resp: 103090
Ion Ratio Lower Upper
139 100
109 34.1 24.6 37.0
65 63.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 80.082 ng m
RT: 10.195 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

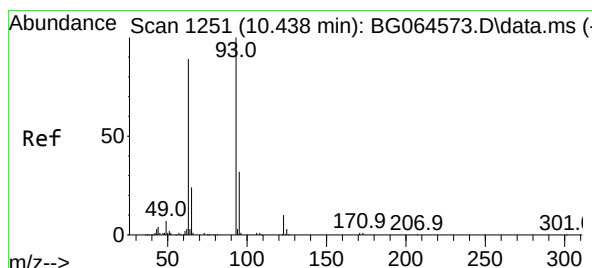
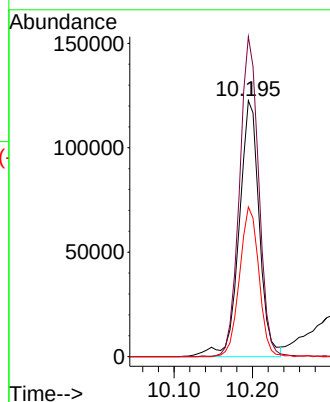
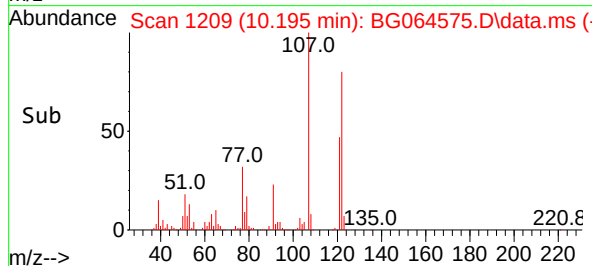
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 217972
Ion Ratio Lower Upper
122 100
107 125.0 103.0 154.4
121 58.5 47.8 71.8

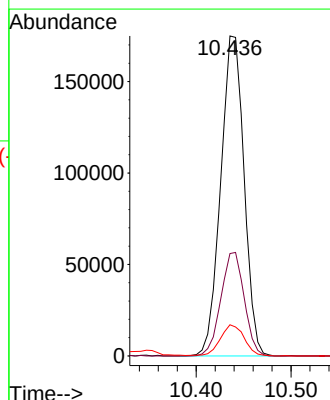
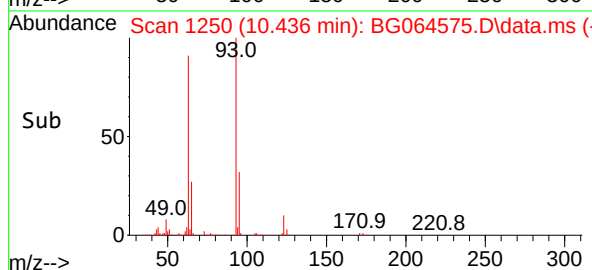
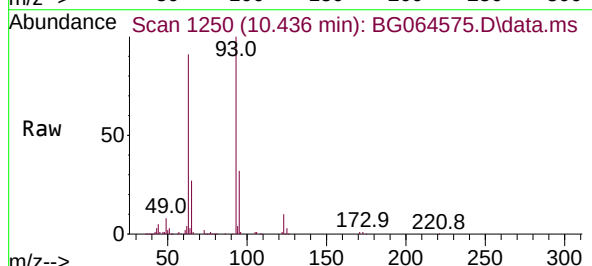
Manual Integrations
APPROVED

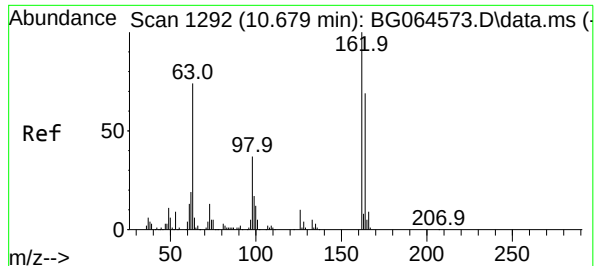
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 73.388 ng
RT: 10.436 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

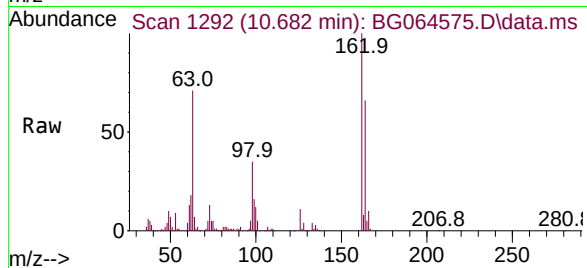
Tgt Ion: 93 Resp: 299758
Ion Ratio Lower Upper
93 100
95 32.0 25.4 38.2
123 9.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 80.526 ng
RT: 10.682 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

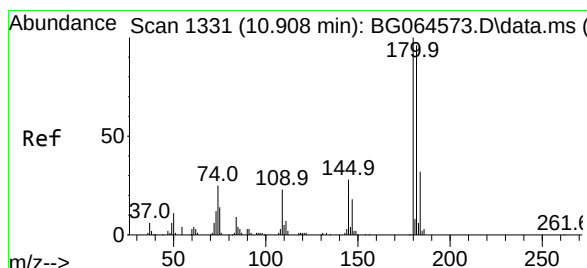
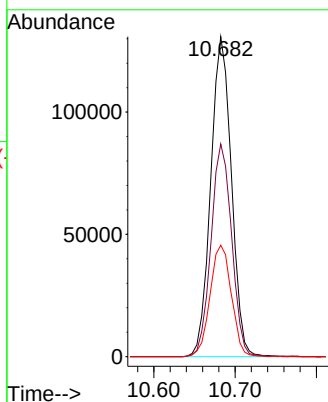
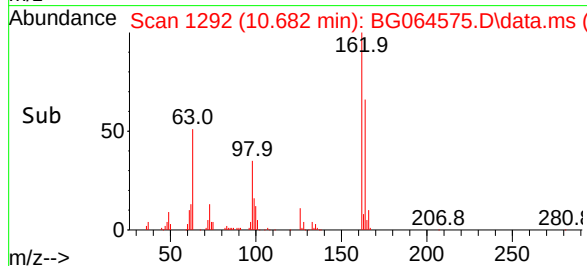
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



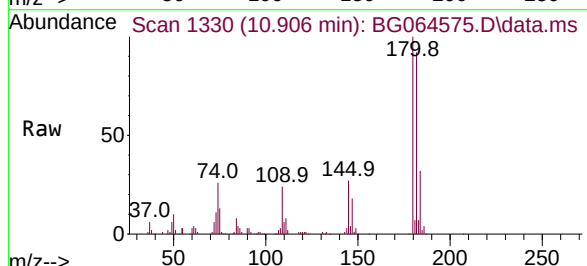
Tgt Ion:162 Resp: 231256
Ion Ratio Lower Upper
162 100
164 66.5 48.7 88.7
98 34.8 16.9 56.9

Manual Integrations
APPROVED

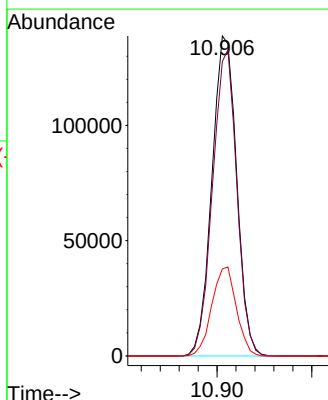
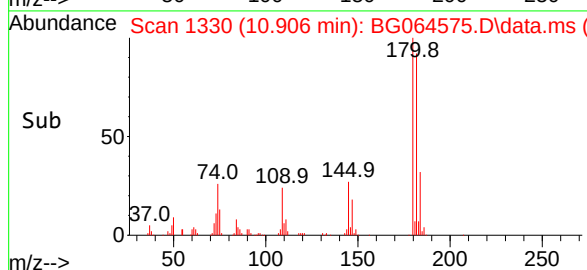
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

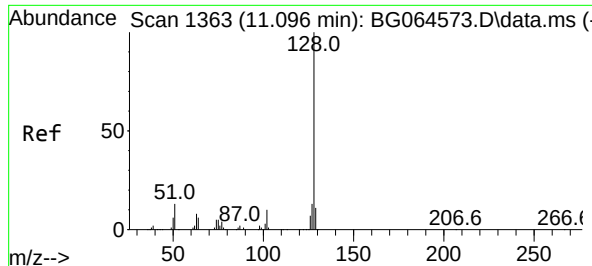


#30
1,2,4-Trichlorobenzene
Concen: 76.888 ng
RT: 10.906 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



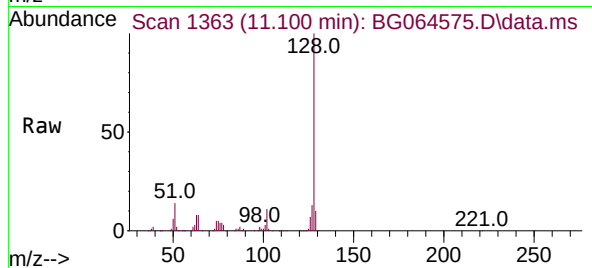
Tgt Ion:180 Resp: 250883
Ion Ratio Lower Upper
180 100
182 92.0 76.9 115.3
145 27.2 22.1 33.1





#31
Naphthalene
Concen: 74.828 ng
RT: 11.100 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

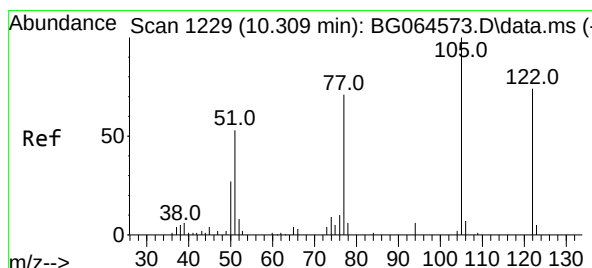
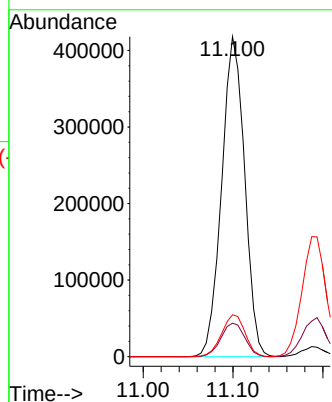
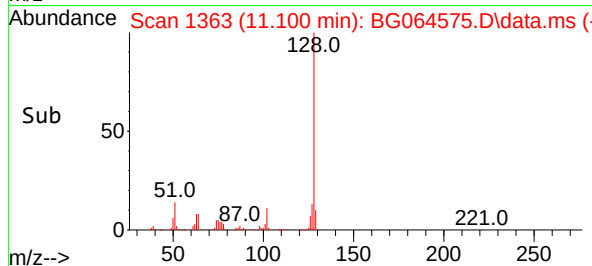
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 744985
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.1 10.6 15.8

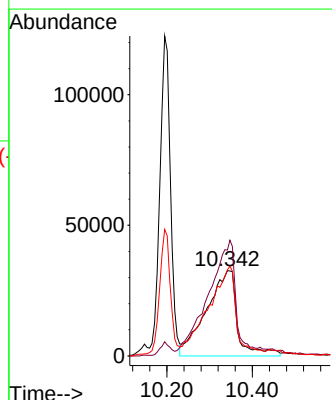
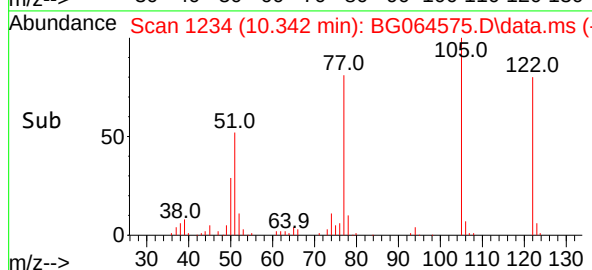
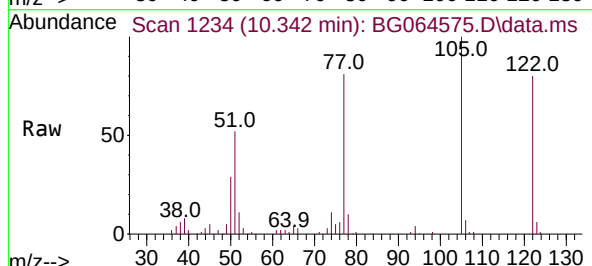
Manual Integrations
APPROVED

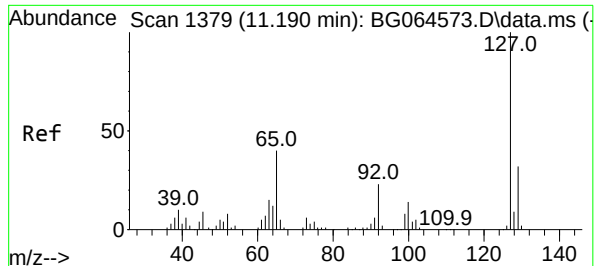
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 78.645 ng m
RT: 10.342 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:122 Resp: 164443
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 100.9 70.2 110.2





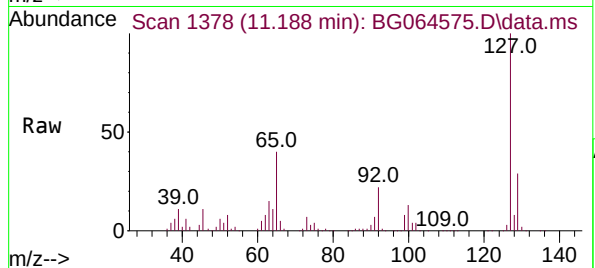
#33
4-Chloroaniline
Concen: 75.100 ng
RT: 11.188 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

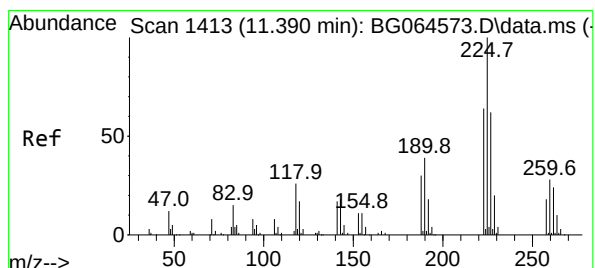
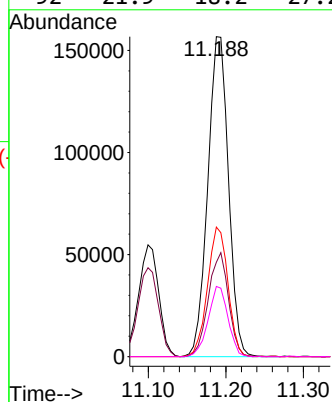
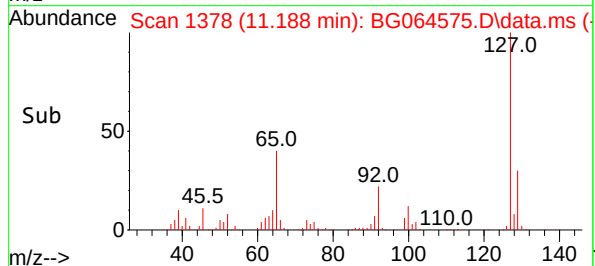


Tgt Ion:127 Resp: 290611
Ion Ratio Lower Upper
127 100
129 29.5 25.5 38.3
65 40.5 32.2 48.4
92 21.9 18.2 27.2

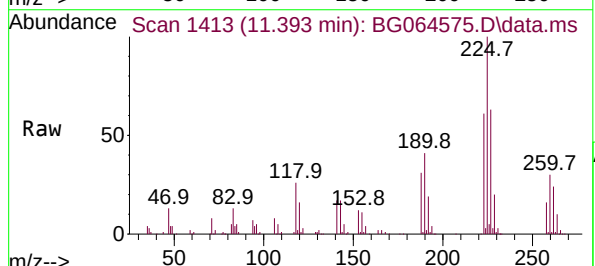
Manual Integrations

APPROVED

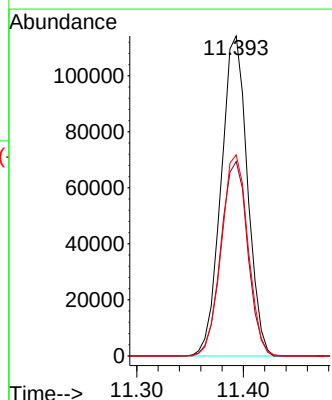
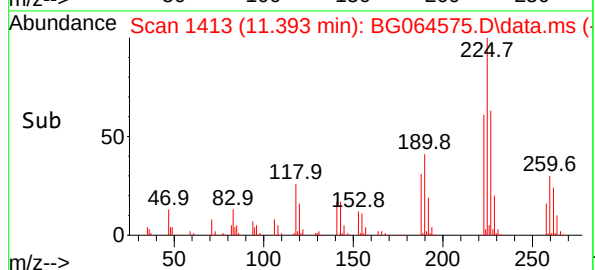
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

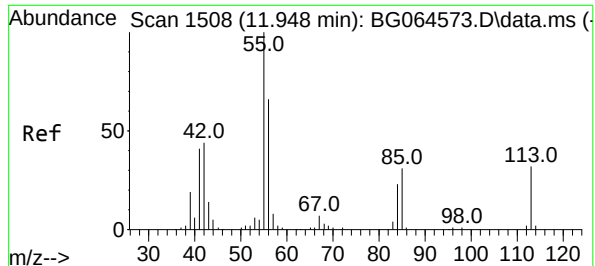


#34
Hexachlorobutadiene
Concen: 76.863 ng
RT: 11.393 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:225 Resp: 196140
Ion Ratio Lower Upper
225 100
223 60.7 48.8 73.2
227 62.8 49.5 74.3





#35
Caprolactam
Concen: 75.596 ng
RT: 11.975 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

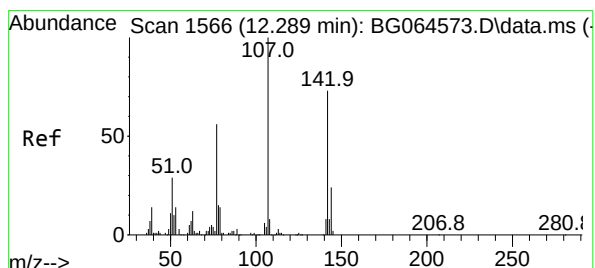
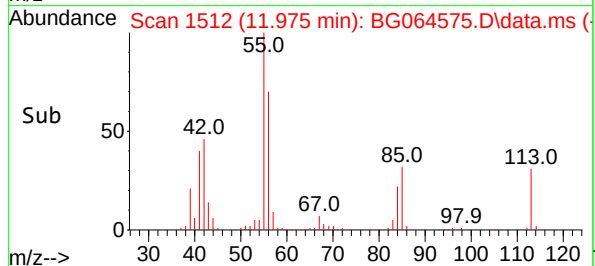
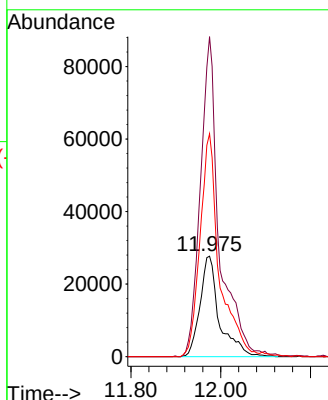
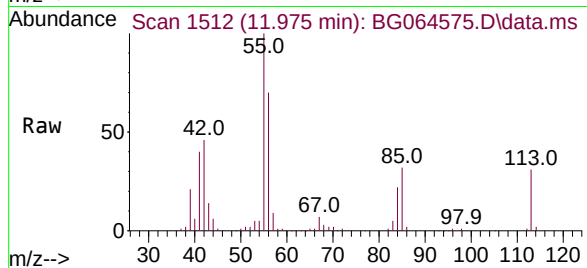
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	318.6	290.1	330.1
56	221.7	183.8	223.8

Manual Integrations

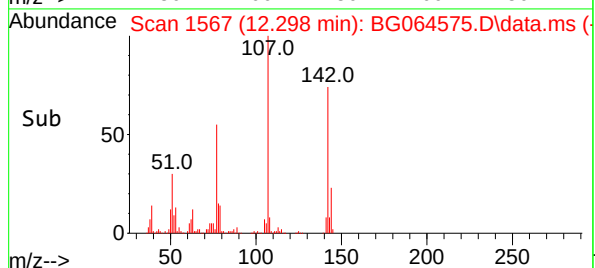
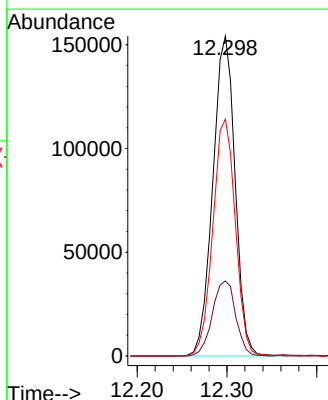
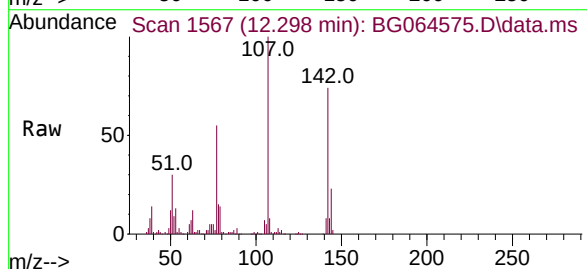
APPROVED

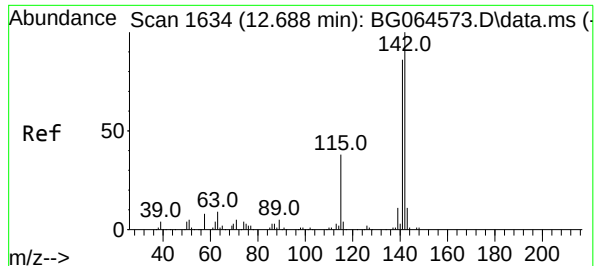
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#36
4-Chloro-3-methylphenol
Concen: 77.031 ng
RT: 12.298 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

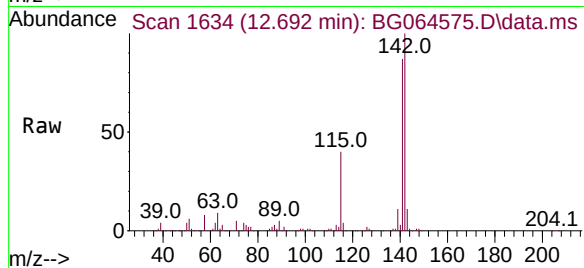
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.1	28.7
142	74.0	58.6	87.8





#37
2-Methylnaphthalene
Concen: 74.168 ng
RT: 12.692 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

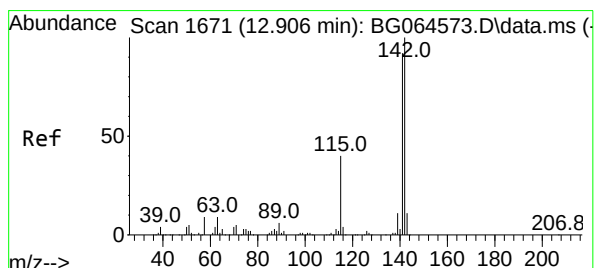
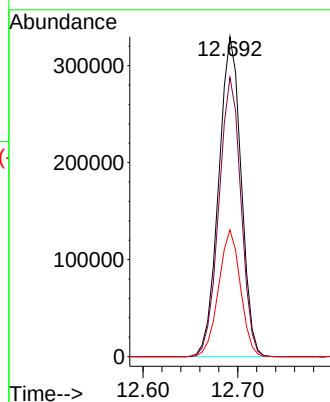
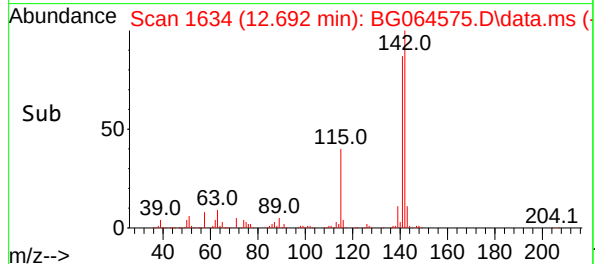
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



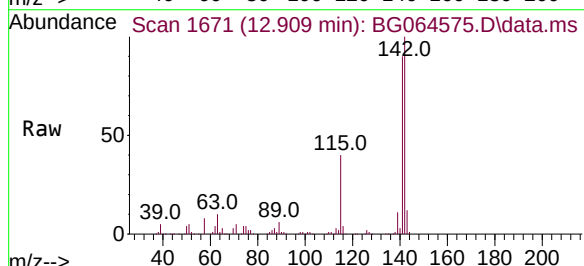
Tgt Ion:142 Resp: 542132
Ion Ratio Lower Upper
142 100
141 87.2 68.9 103.3
115 39.6 30.6 46.0

Manual Integrations
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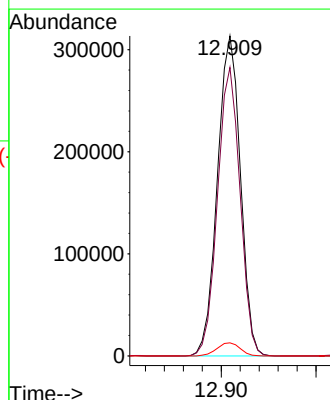
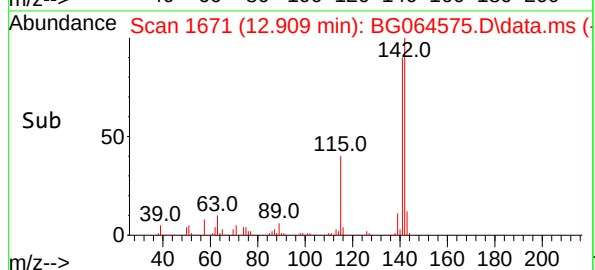
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

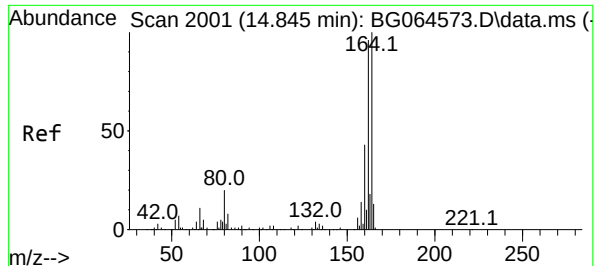


#38
1-Methylnaphthalene
Concen: 73.372 ng
RT: 12.909 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



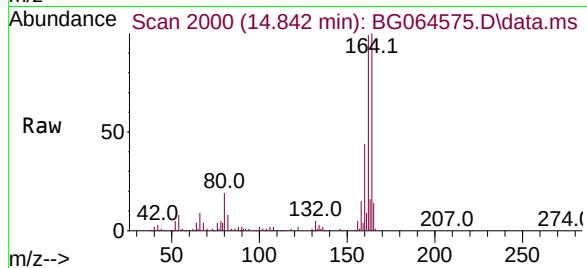
Tgt Ion:142 Resp: 527717
Ion Ratio Lower Upper
142 100
141 90.1 73.3 109.9
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

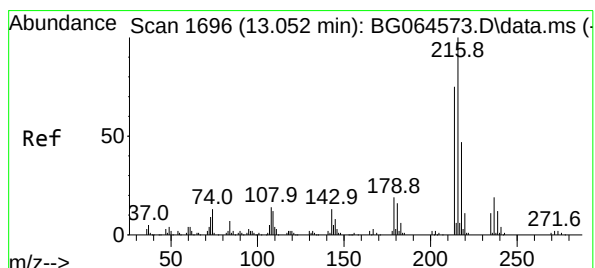
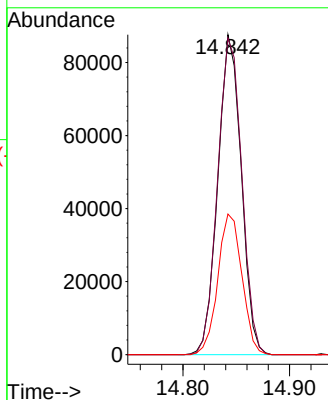
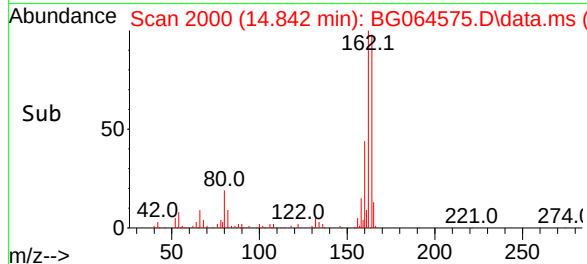
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



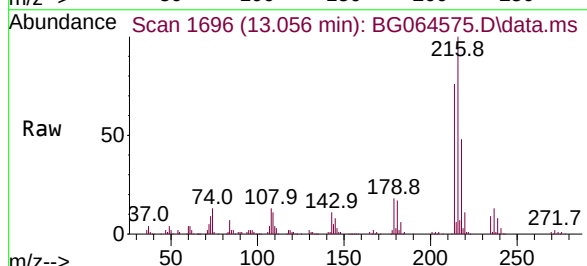
Tgt Ion:164 Resp: 133792
Ion Ratio Lower Upper
164 100
162 98.9 77.0 115.6
160 43.9 34.4 51.6

Manual Integrations
APPROVED

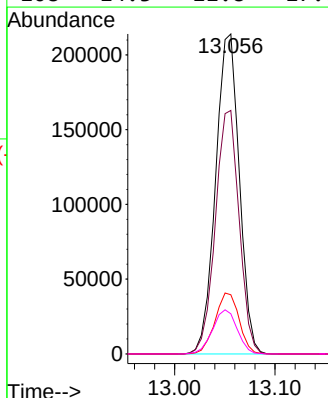
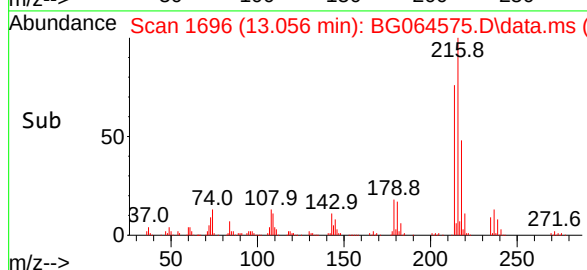
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

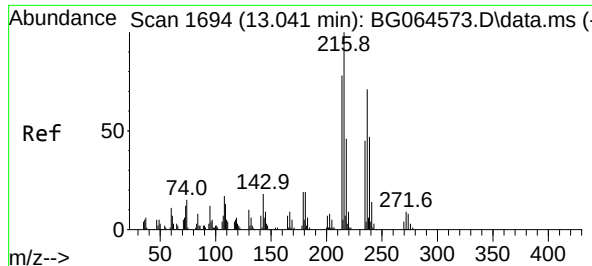


#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.328 ng
RT: 13.056 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



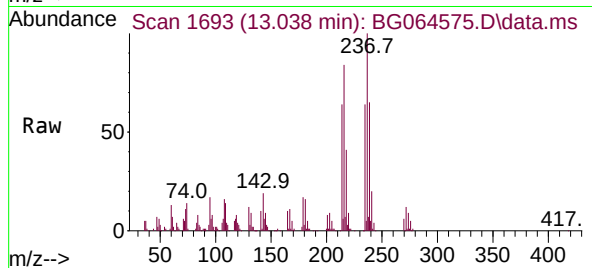
Tgt Ion:216 Resp: 351719
Ion Ratio Lower Upper
216 100
214 76.1 61.4 92.2
179 19.3 15.4 23.0
108 14.3 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 80.876 ng
RT: 13.038 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

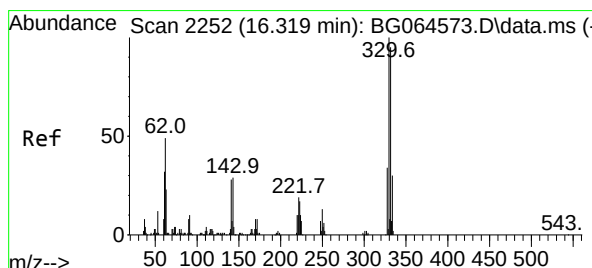
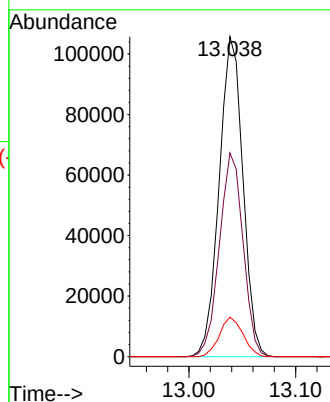
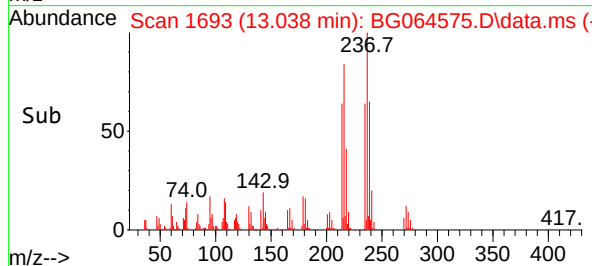
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:237 Resp: 163463
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 12.3 0.0 32.4

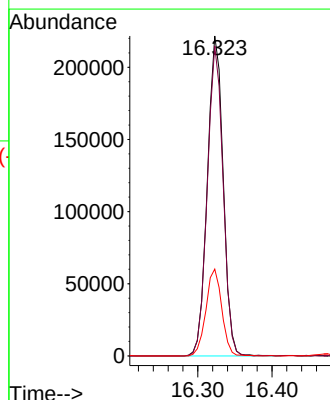
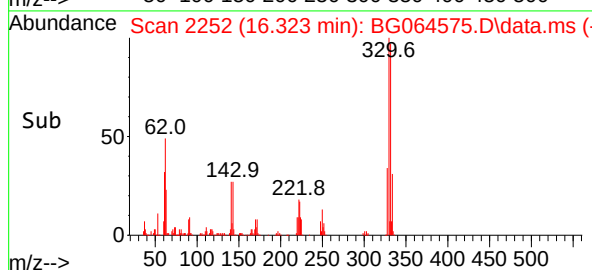
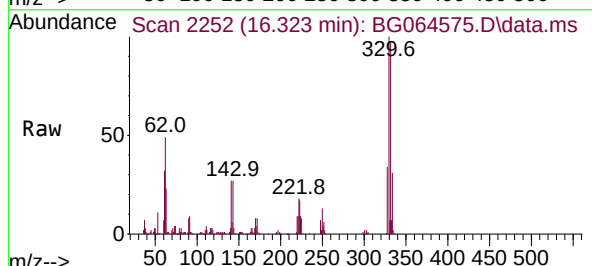
Manual Integrations
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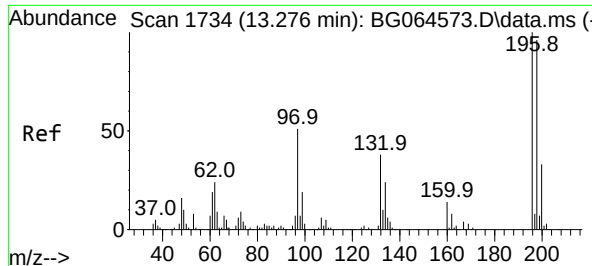
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 169.886 ng
RT: 16.323 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:330 Resp: 328066
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.1 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 84.998 ng

RT: 13.279 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 218318

Ion Ratio Lower Upper

196 100

198 94.0 76.6 115.0

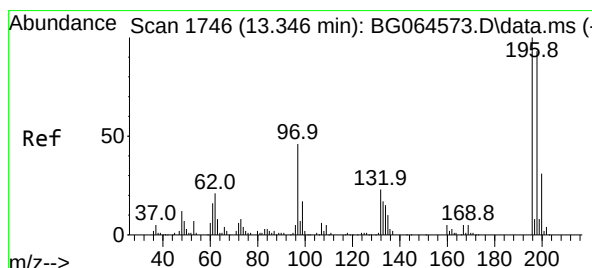
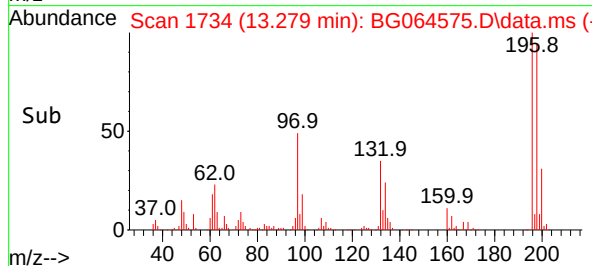
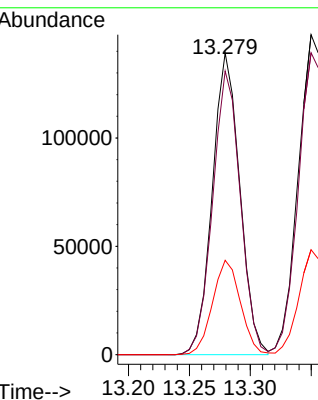
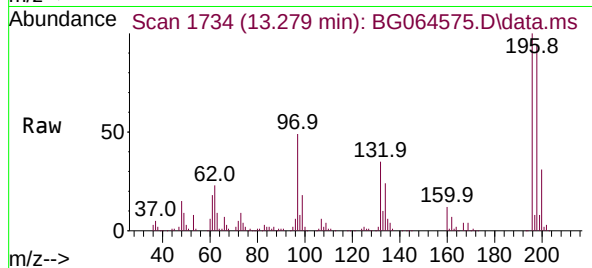
200 31.2 26.0 39.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#44

2,4,5-Trichlorophenol

Concen: 82.064 ng

RT: 13.350 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Tgt Ion:196 Resp: 243241

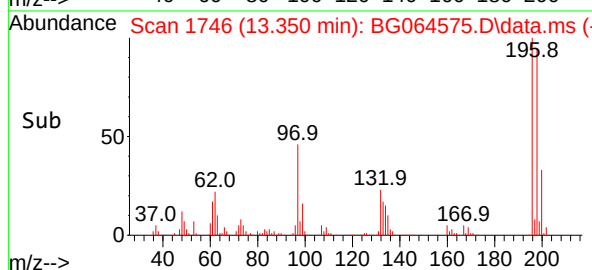
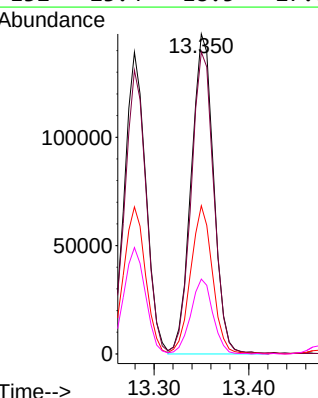
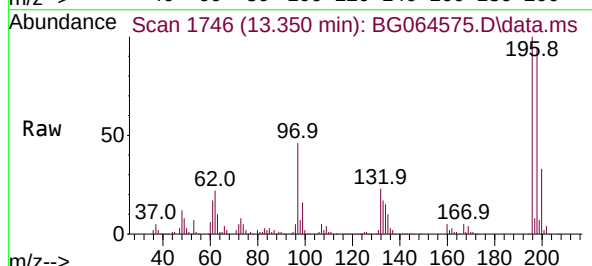
Ion Ratio Lower Upper

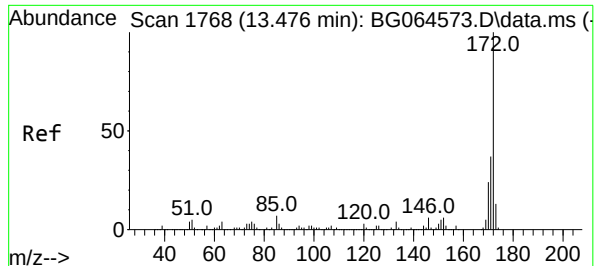
196 100

198 94.3 74.2 111.4

97 46.3 37.0 55.6

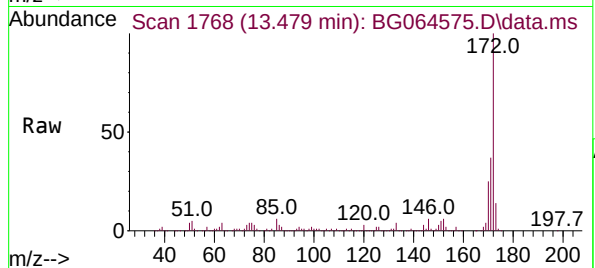
132 23.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 148.960 ng
RT: 13.479 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

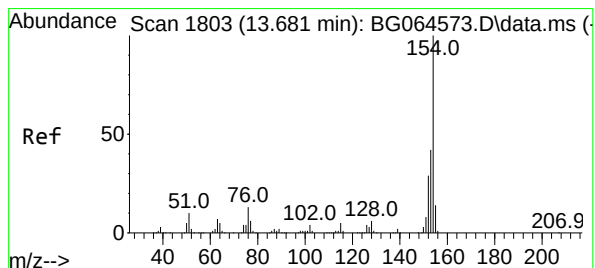
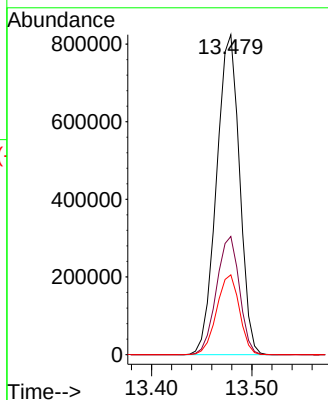
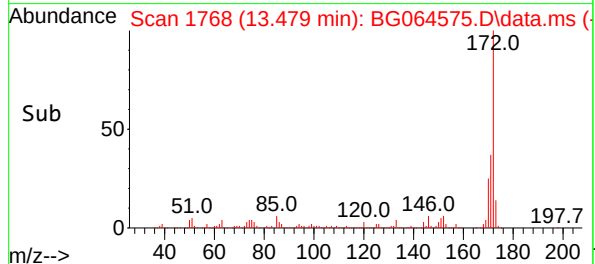
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 1314892
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.9 19.1 28.7

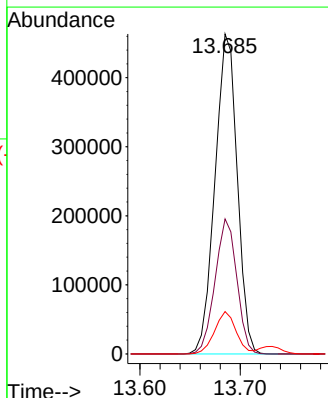
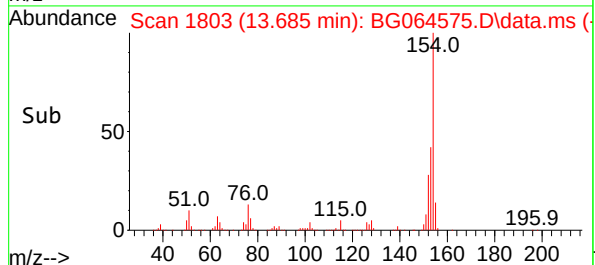
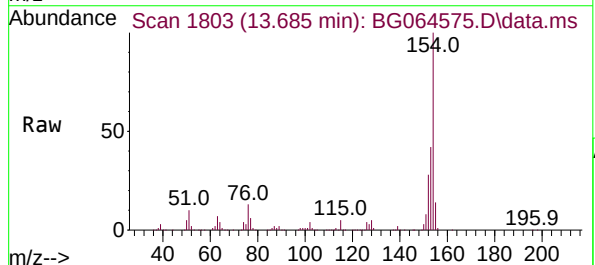
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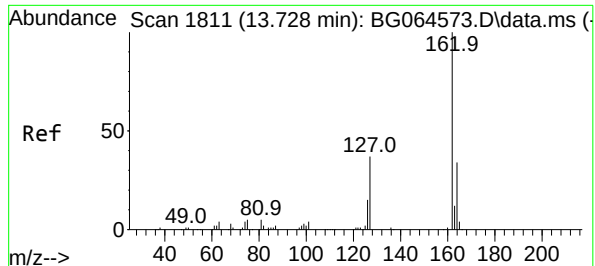
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#46
1,1'-Biphenyl
Concen: 74.977 ng
RT: 13.685 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

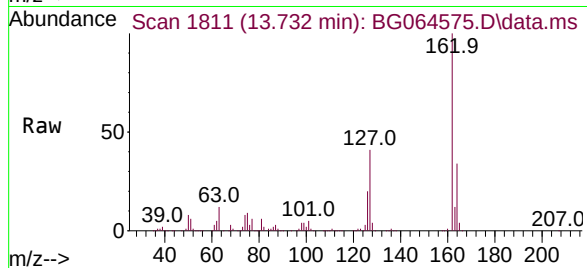
Tgt Ion:154 Resp: 713186
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 13.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 76.218 ng
RT: 13.732 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

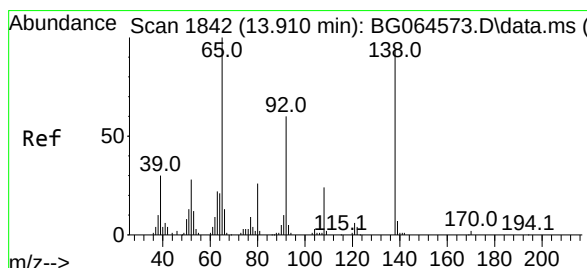
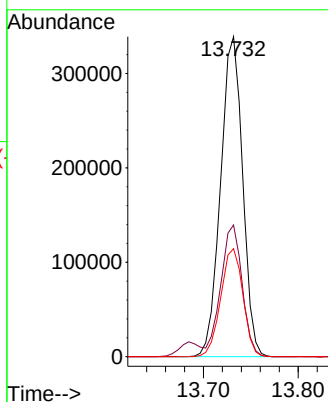
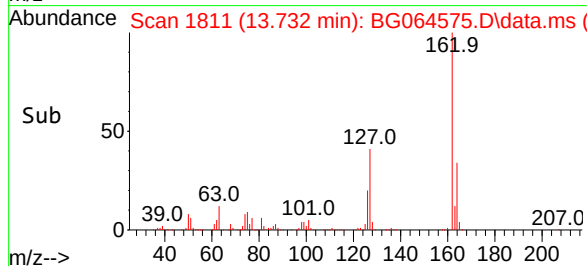
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



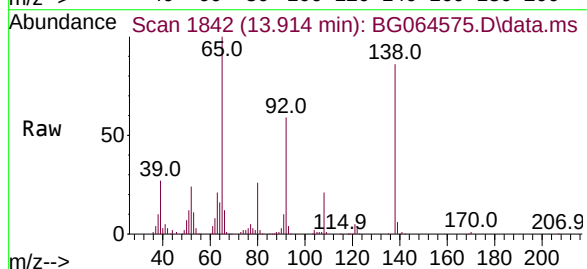
Tgt Ion:162 Resp: 547242
Ion Ratio Lower Upper
162 100
127 41.1 32.2 48.2
164 33.7 27.5 41.3

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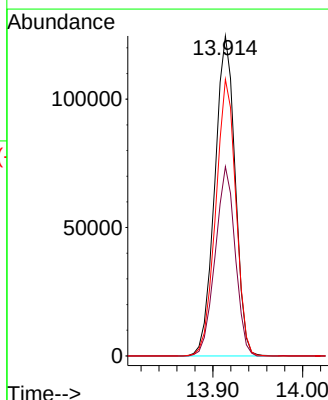
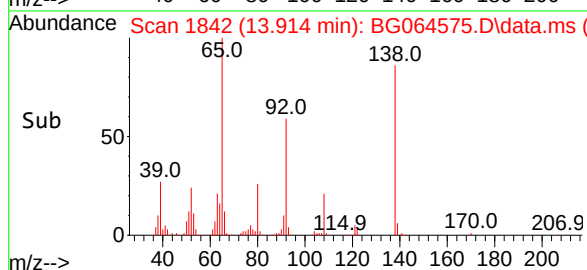
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

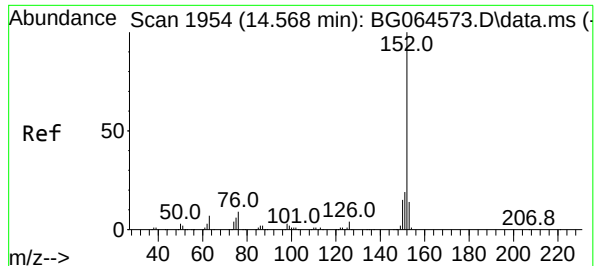


#48
2-Nitroaniline
Concen: 79.301 ng
RT: 13.914 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion: 65 Resp: 196580
Ion Ratio Lower Upper
65 100
92 59.1 48.3 72.5
138 86.4 74.9 112.3





#49

Acenaphthylene

Concen: 75.806 ng

RT: 14.566 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 85851

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.2

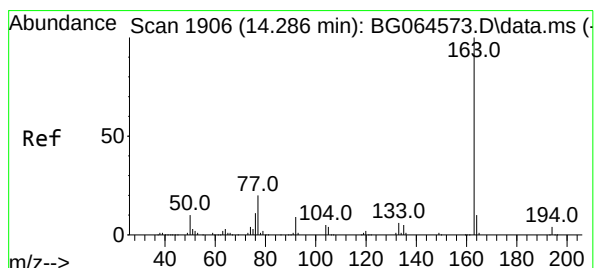
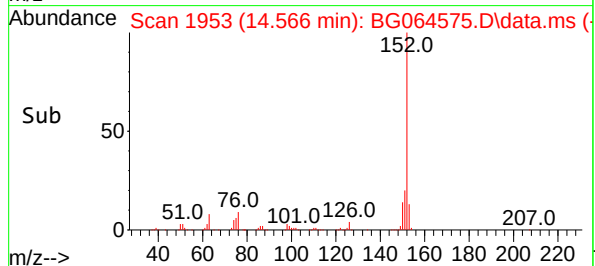
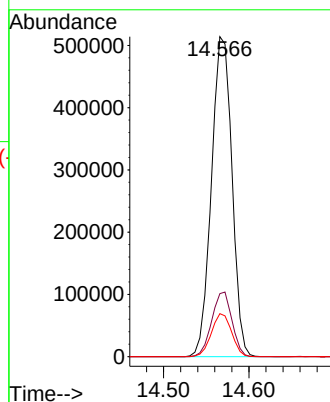
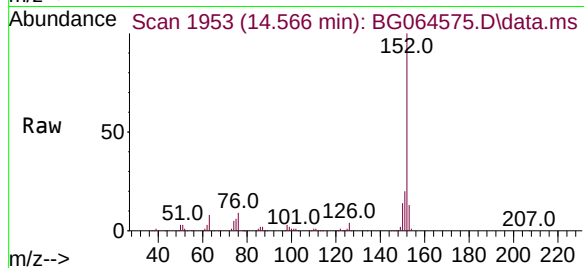
153 13.5 11.0 16.4

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#50

Dimethylphthalate

Concen: 76.450 ng

RT: 14.290 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

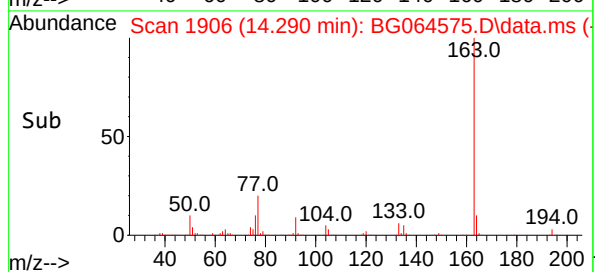
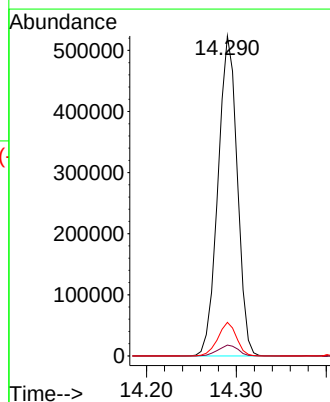
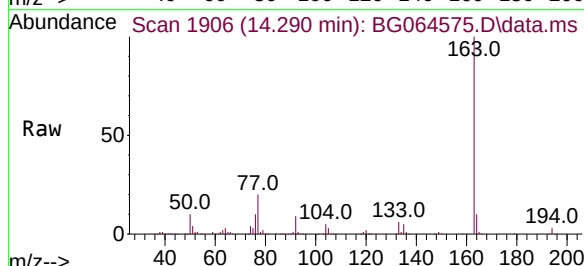
Tgt Ion:163 Resp: 782708

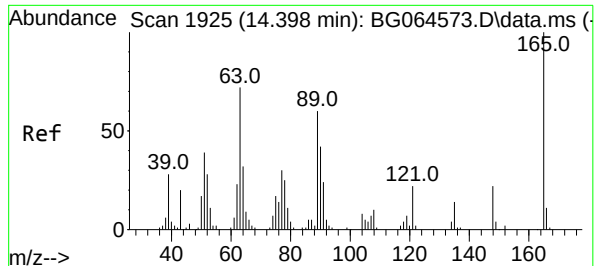
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

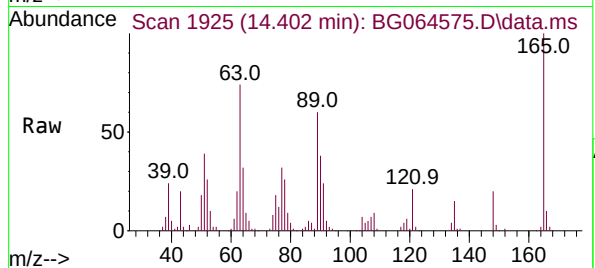
164 10.5 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 78.216 ng
RT: 14.402 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

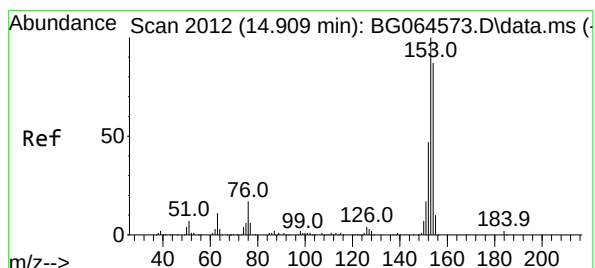
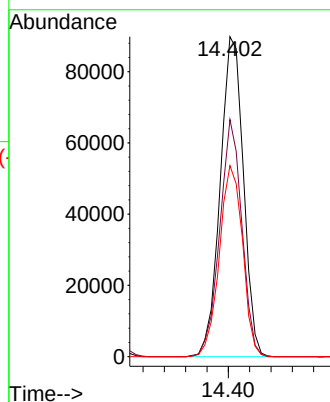
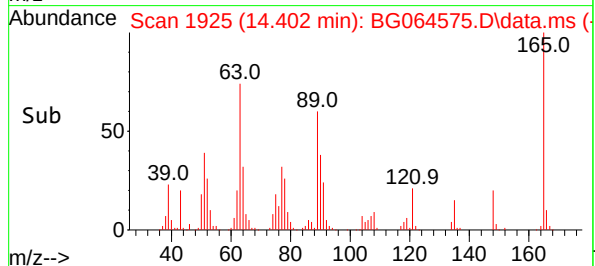
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



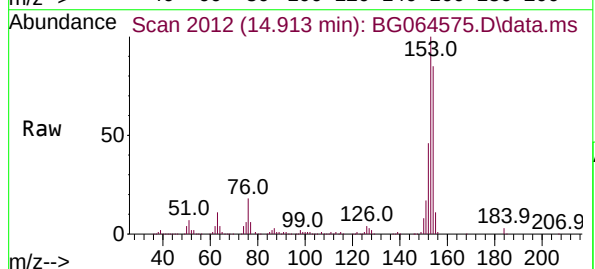
Tgt Ion:165 Resp: 135769
Ion Ratio Lower Upper
165 100
63 74.1 57.4 86.0
89 59.7 47.8 71.8

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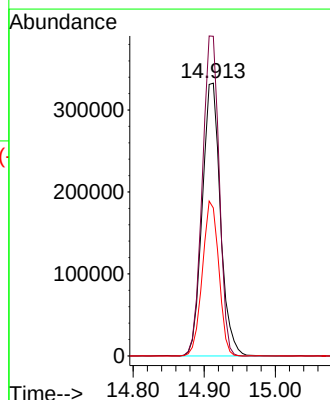
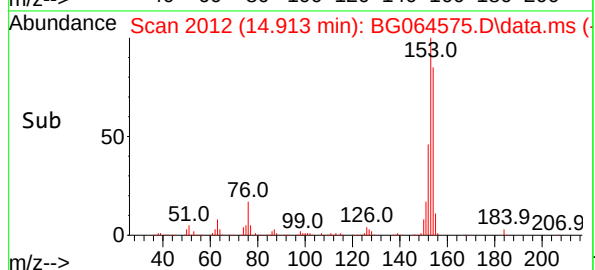
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

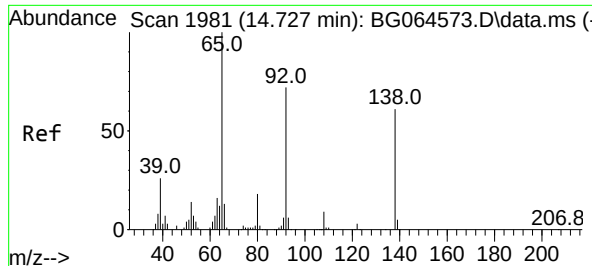


#52
Acenaphthene
Concen: 76.150 ng
RT: 14.913 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



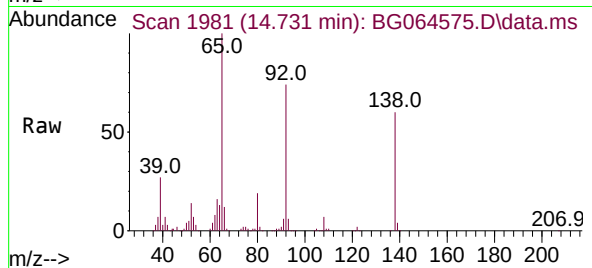
Tgt Ion:154 Resp: 589213
Ion Ratio Lower Upper
154 100
153 117.2 92.2 138.4
152 54.2 43.2 64.8





#53
3-Nitroaniline
Concen: 90.409 ng
RT: 14.731 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

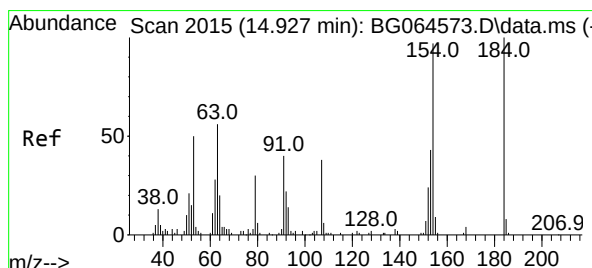
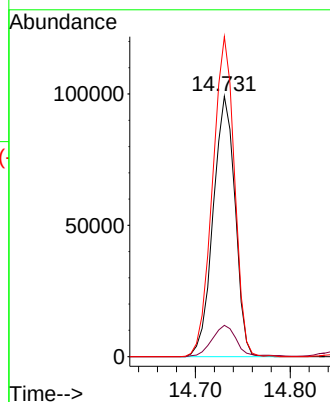
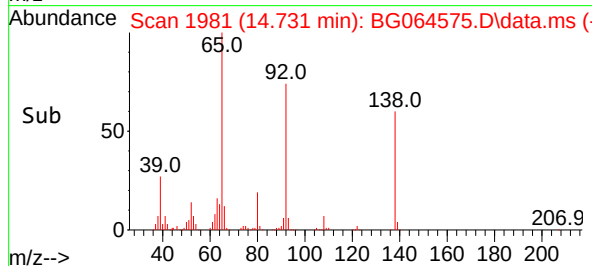
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 159072
Ion Ratio Lower Upper
138 100
108 12.0 11.4 17.0
92 122.9 95.3 142.9

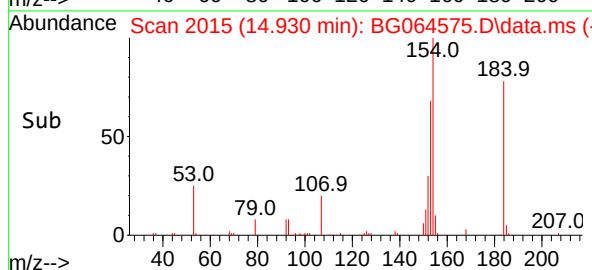
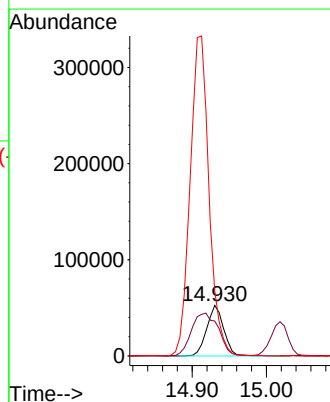
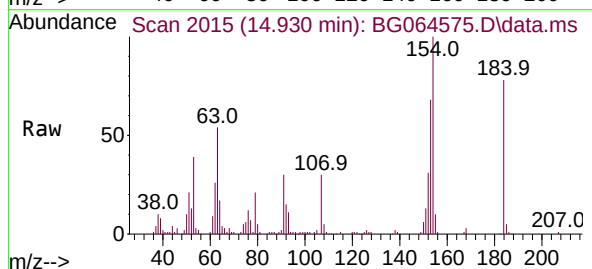
Manual Integrations
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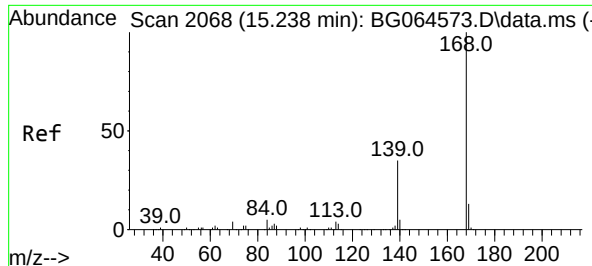
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#54
2,4-Dinitrophenol
Concen: 79.755 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

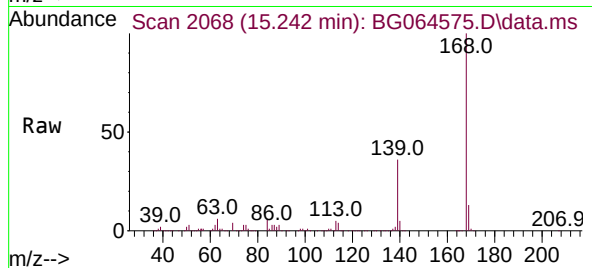
Tgt Ion:184 Resp: 82655
Ion Ratio Lower Upper
184 100
63 69.0 56.6 85.0
154 128.4 158.6 238.0#





#55
Dibenzofuran
Concen: 73.816 ng
RT: 15.242 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

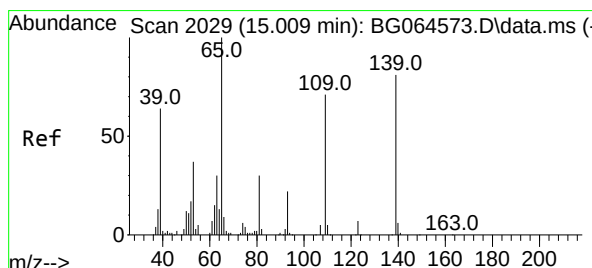
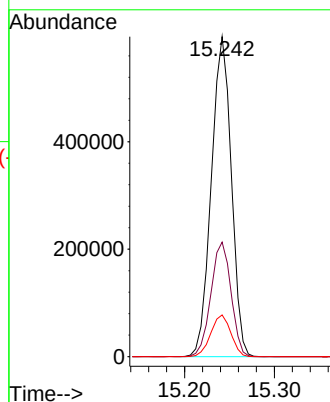
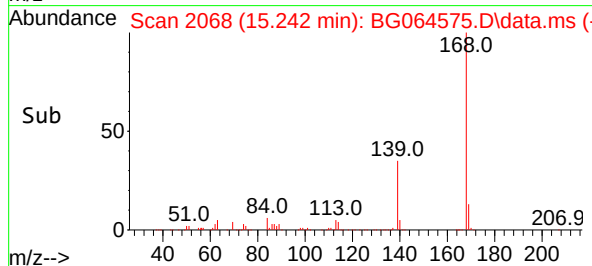
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 923386
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.8
169 13.0 10.3 15.5

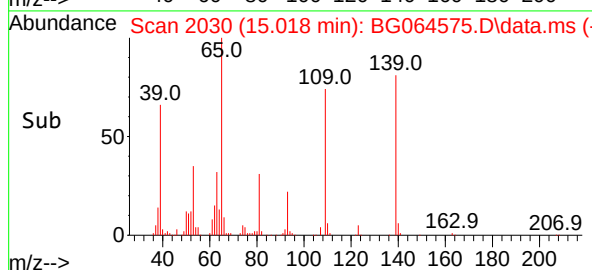
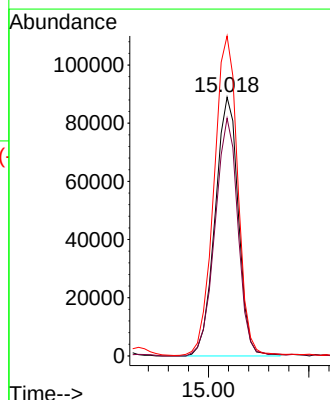
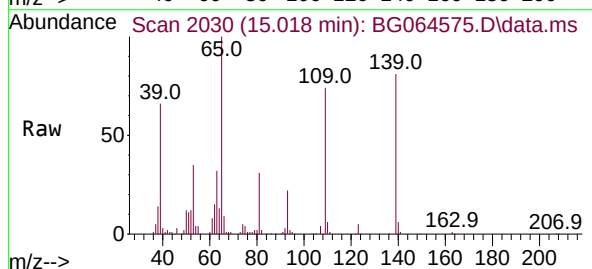
Manual Integrations
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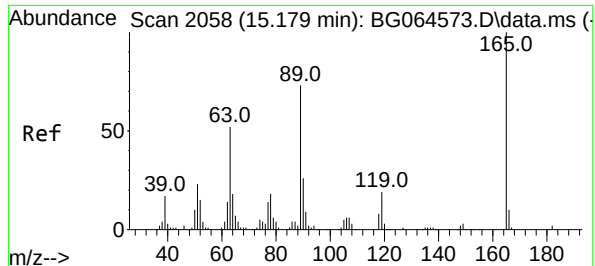
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#56
4-Nitrophenol
Concen: 87.640 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

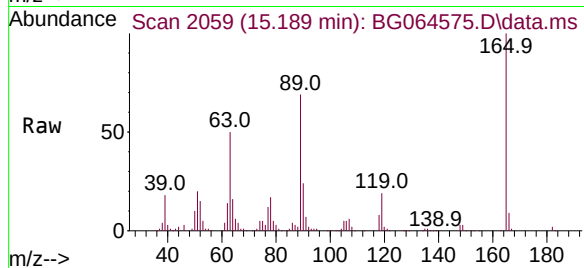
Tgt Ion:139 Resp: 142966
Ion Ratio Lower Upper
139 100
109 91.9 67.8 107.8
65 123.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 79.117 ng
RT: 15.189 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

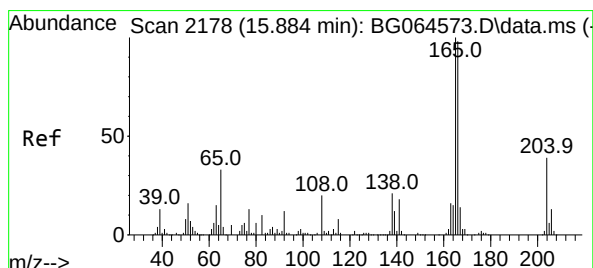
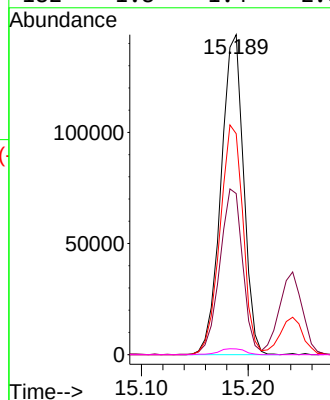
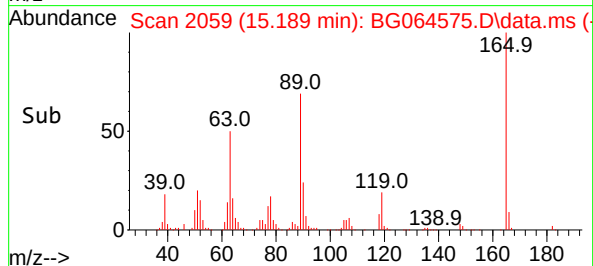
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 212164
Ion Ratio Lower Upper
165 100
63 50.3 41.8 62.8
89 69.0 58.1 87.1
182 1.8 1.4 2.0

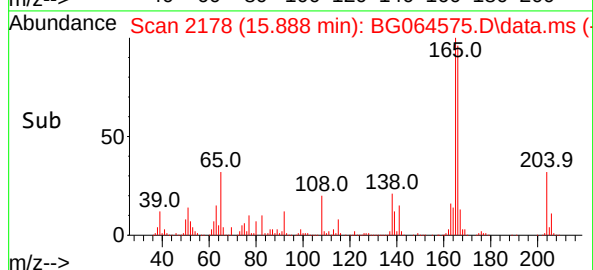
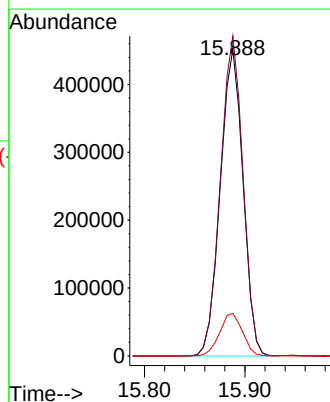
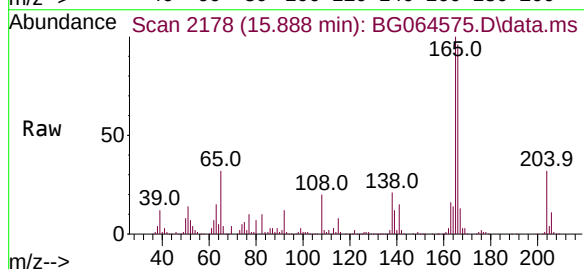
Manual Integrations
APPROVED

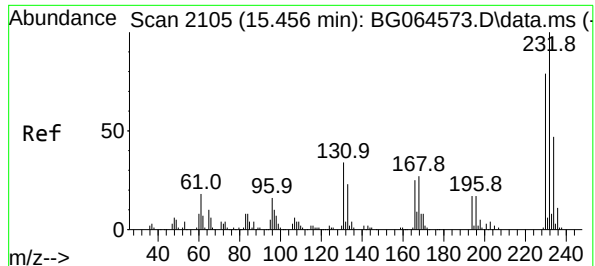
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 72.801 ng
RT: 15.888 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

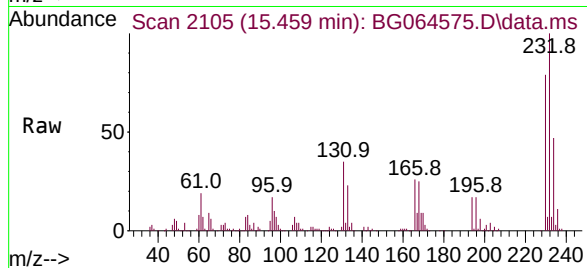
Tgt Ion:166 Resp: 711212
Ion Ratio Lower Upper
166 100
165 104.4 81.5 122.3
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 84.708 ng
RT: 15.459 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

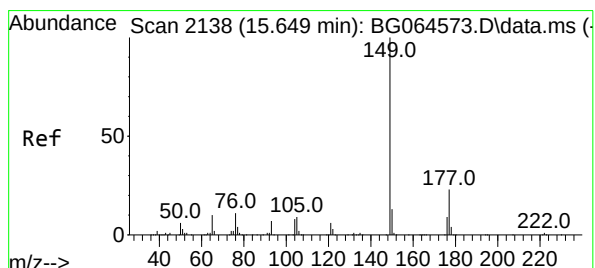
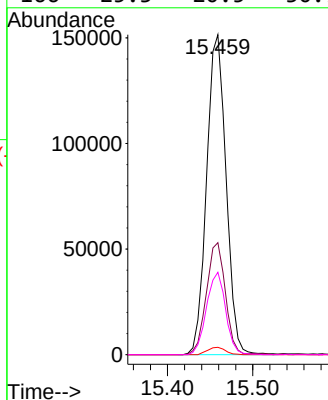
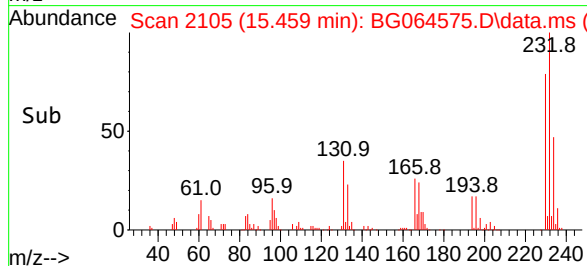
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



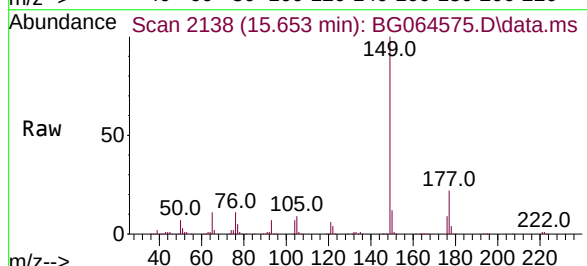
Tgt Ion:232 Resp: 240094
Ion Ratio Lower Upper
232 100
131 34.1 26.7 40.1
130 2.1 1.6 2.4
166 25.3 20.5 30.7

Manual Integrations
APPROVED

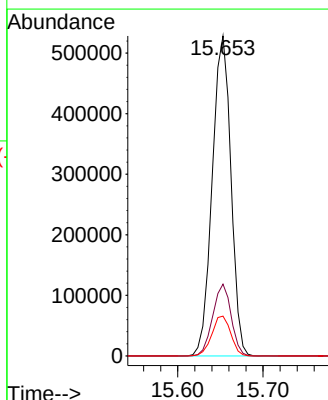
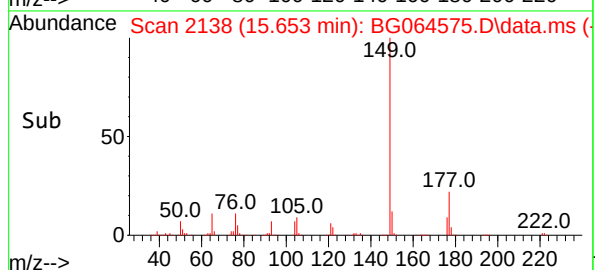
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

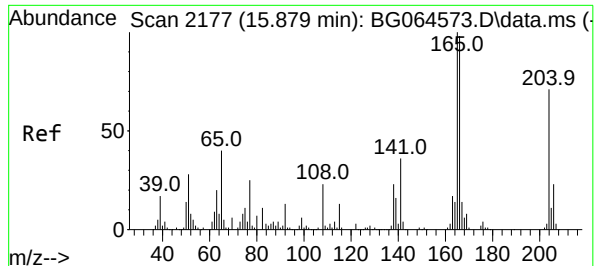


#60
Diethylphthalate
Concen: 76.874 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



Tgt Ion:149 Resp: 803621
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.4 10.2 15.4





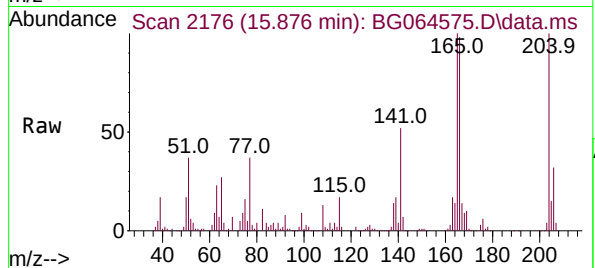
#61
4-Chlorophenyl-phenylether
Concen: 74.463 ng
RT: 15.876 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

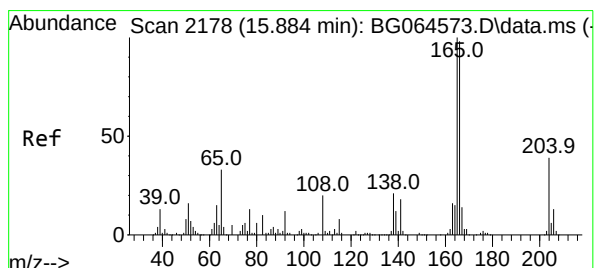
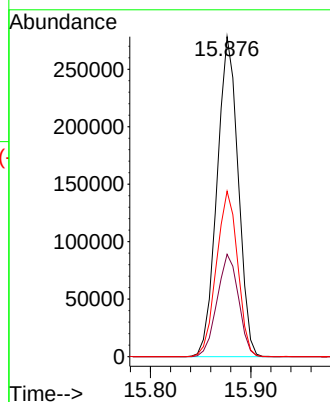
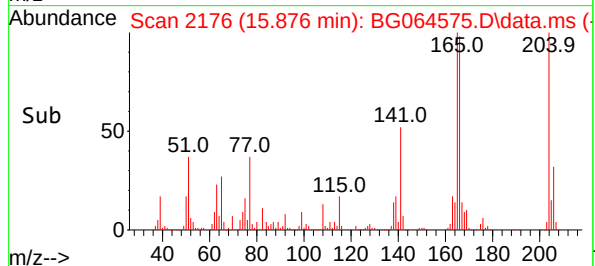


Tgt Ion:204 Resp: 408239
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.7 40.6 60.8

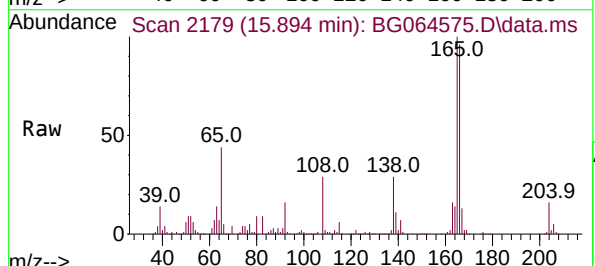
Manual Integrations

APPROVED

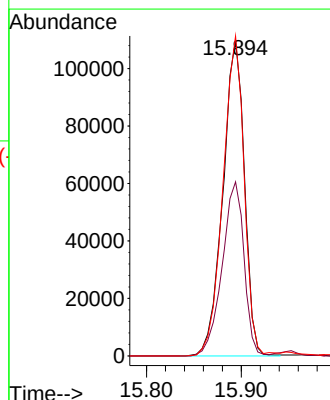
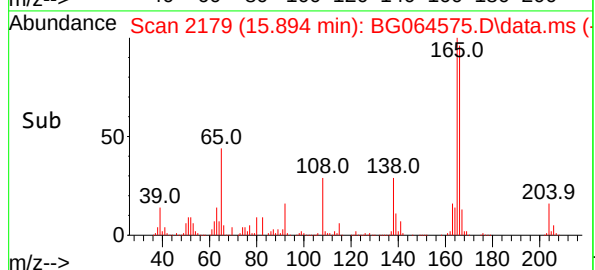
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

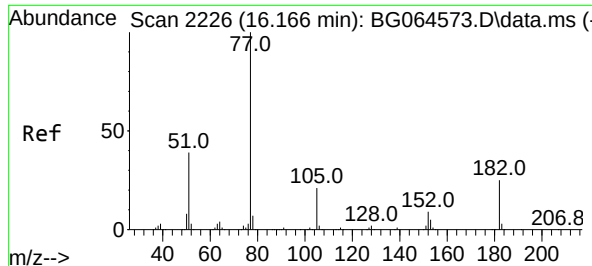


#62
4-Nitroaniline
Concen: 88.462 ng
RT: 15.894 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



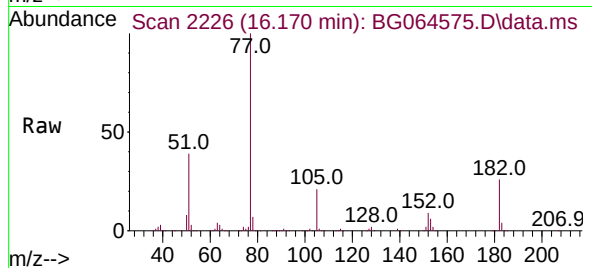
Tgt Ion:138 Resp: 173159
Ion Ratio Lower Upper
138 100
92 55.1 36.1 76.1
108 101.4 75.6 115.6





#63
Azobenzene
Concen: 75.482 ng
RT: 16.170 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

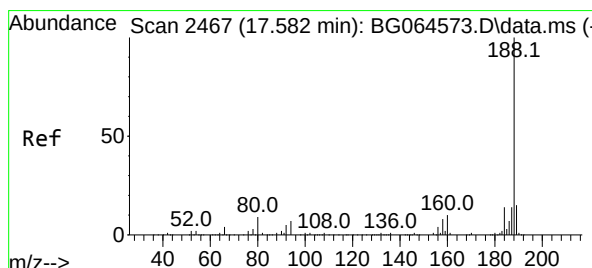
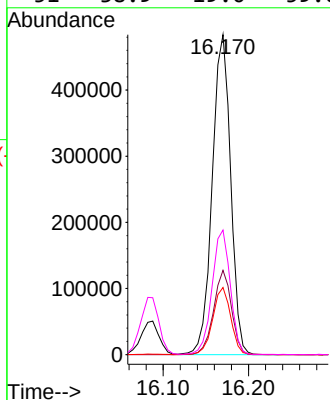
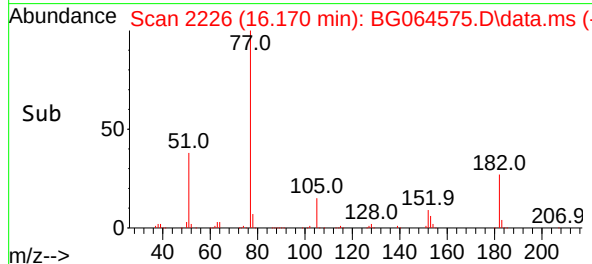
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 723988
Ion Ratio Lower Upper
77 100
182 26.3 4.9 44.9
105 21.0 1.3 41.3
51 38.9 19.0 59.0

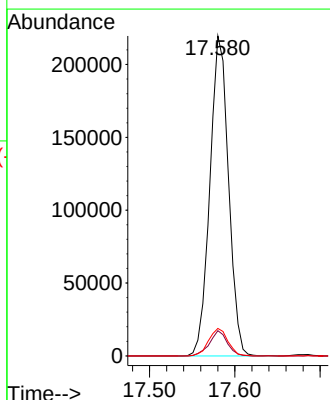
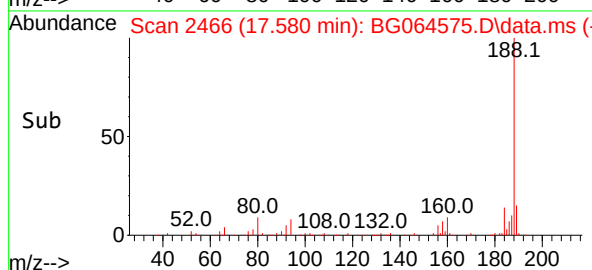
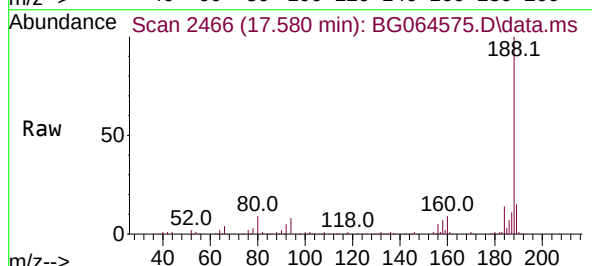
Manual Integrations
APPROVED

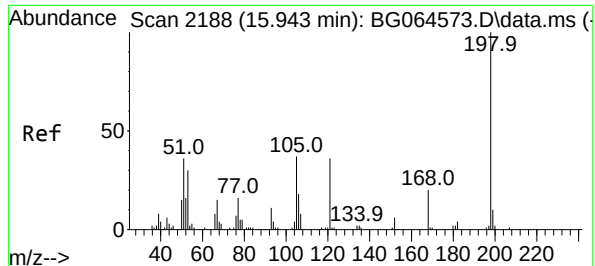
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

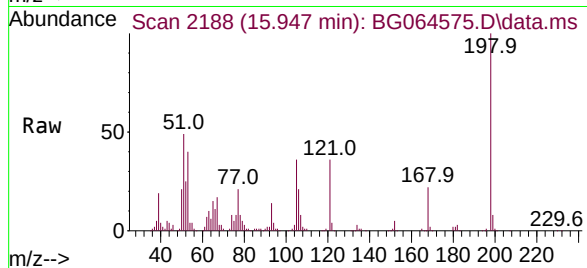
Tgt Ion:188 Resp: 333421
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 80.450 ng
RT: 15.947 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

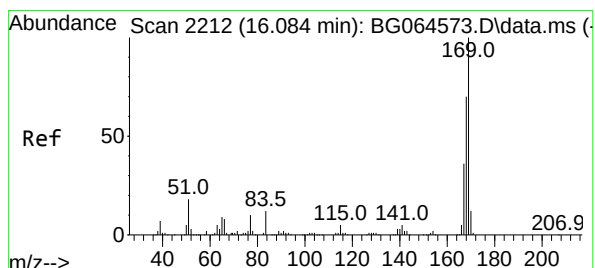
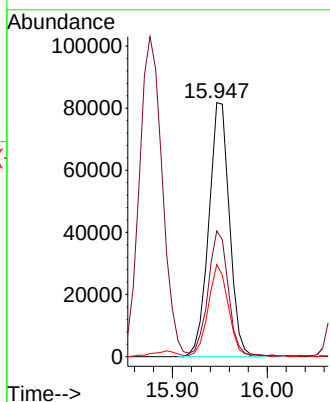
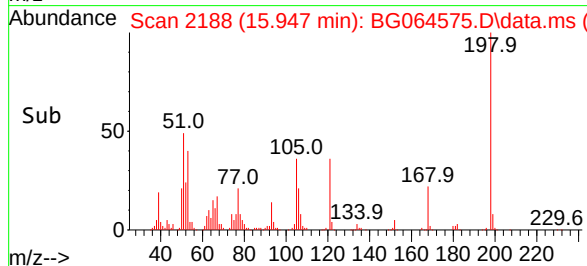
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



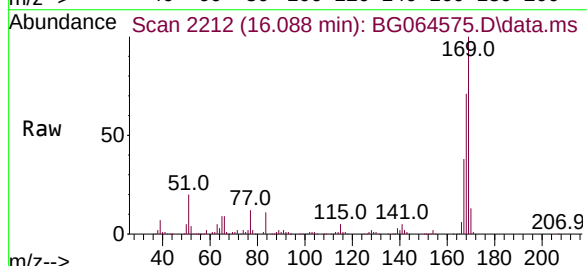
Tgt Ion:198 Resp: 12410
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 36.3 18.0 58.0

Manual Integrations
APPROVED

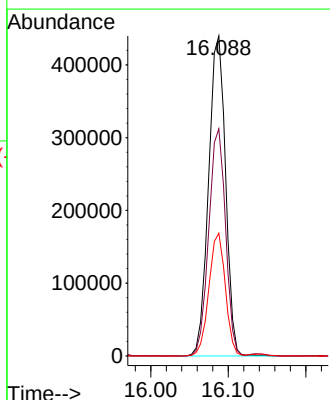
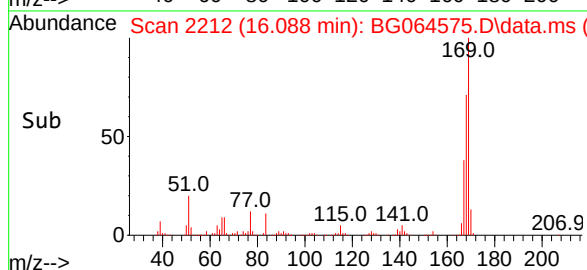
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

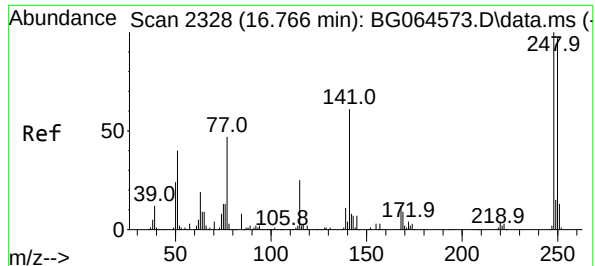


#66
n-Nitrosodiphenylamine
Concen: 74.020 ng
RT: 16.088 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



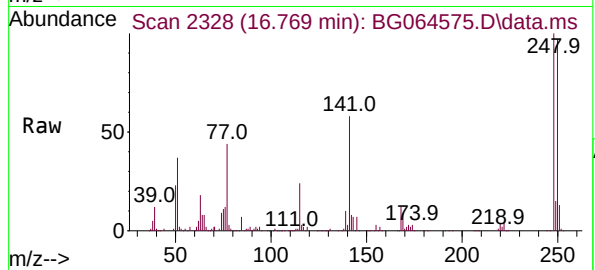
Tgt Ion:169 Resp: 666665
Ion Ratio Lower Upper
169 100
168 71.0 56.3 84.5
167 38.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 75.762 ng
RT: 16.769 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

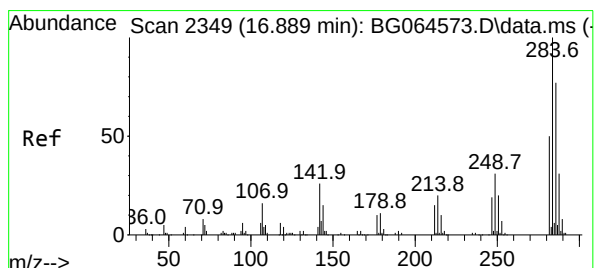
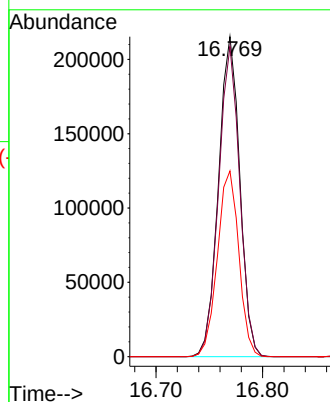
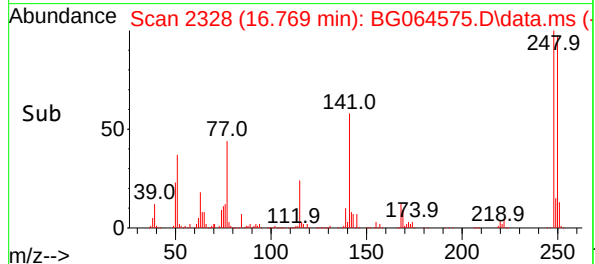
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



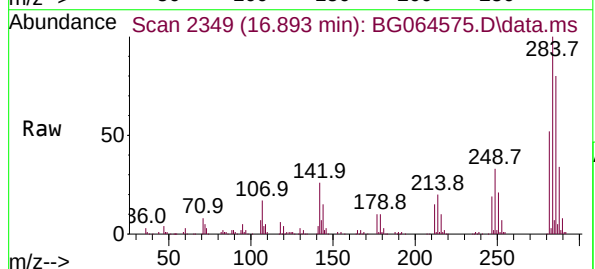
Tgt Ion:248 Resp: 299348
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 58.0 48.6 72.8

Manual Integrations
APPROVED

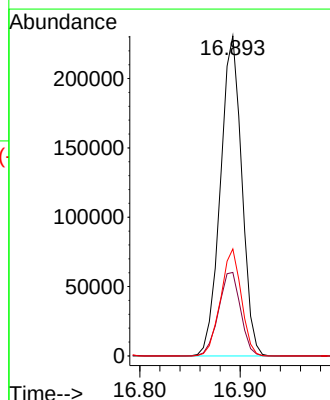
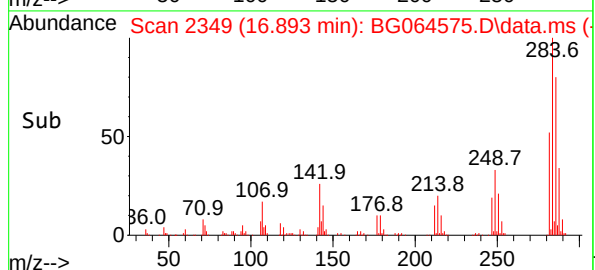
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

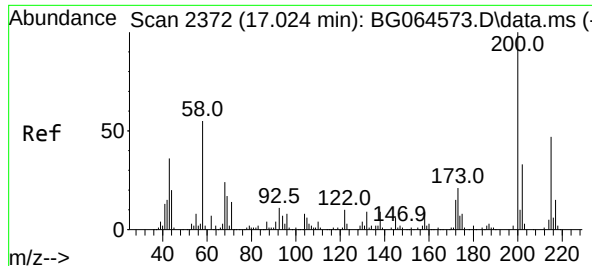


#68
Hexachlorobenzene
Concen: 75.724 ng
RT: 16.893 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



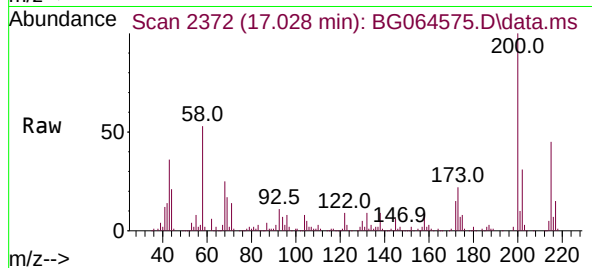
Tgt Ion:284 Resp: 341338
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.6
249 35.4 24.9 37.3





#69
Atrazine
Concen: 72.745 ng
RT: 17.028 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

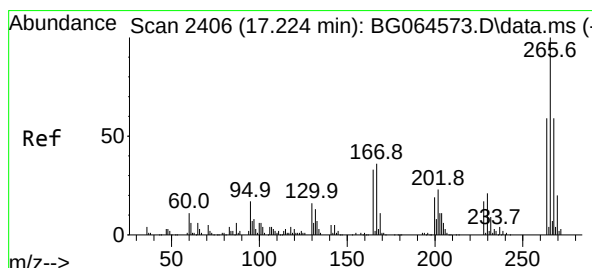
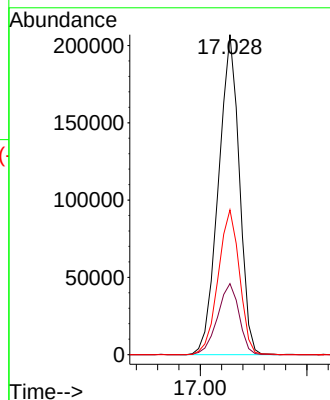
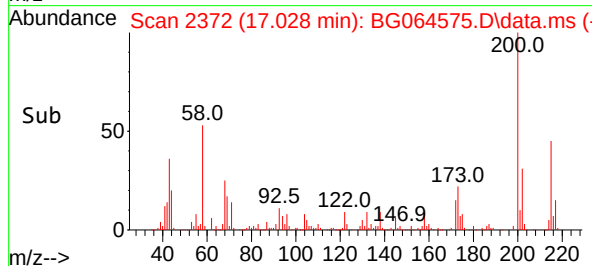
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



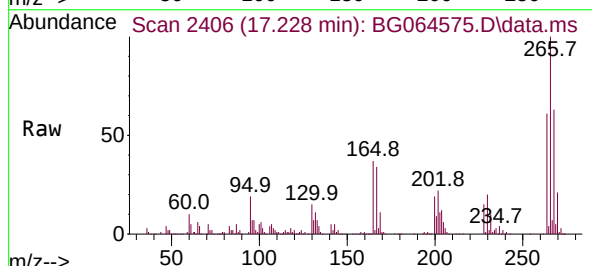
Tgt Ion:200 Resp: 281950
Ion Ratio Lower Upper
200 100
173 22.2 0.9 40.9
215 45.2 27.0 67.0

Manual Integrations
APPROVED

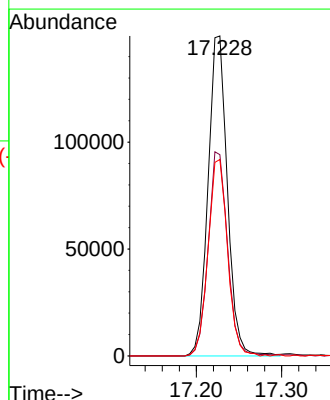
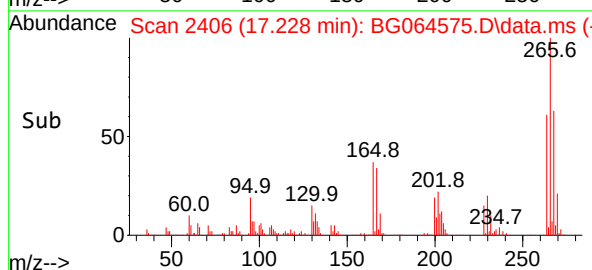
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

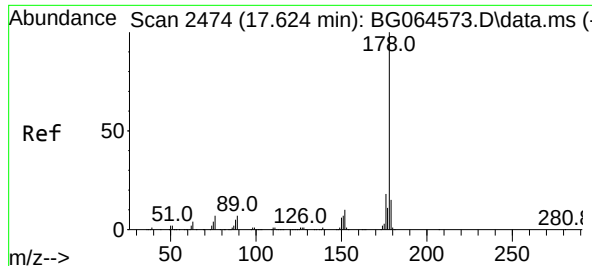


#70
Pentachlorophenol
Concen: 83.771 ng
RT: 17.228 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



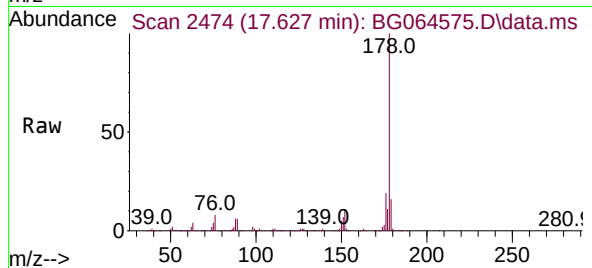
Tgt Ion:266 Resp: 235472
Ion Ratio Lower Upper
266 100
268 67.7 50.3 75.5
264 65.8 47.3 70.9





#71
Phenanthrene
Concen: 73.525 ng
RT: 17.627 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

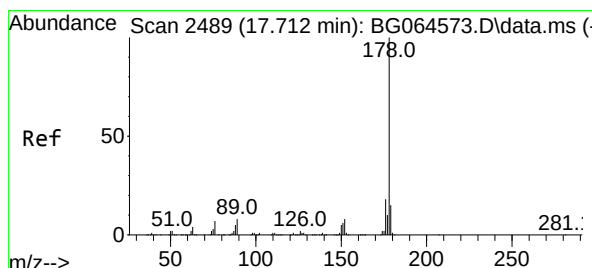
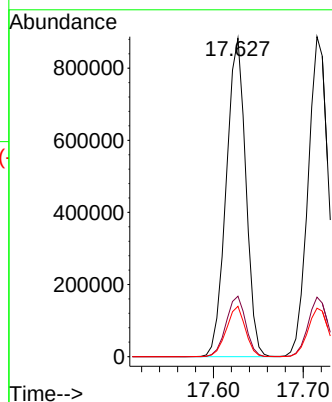
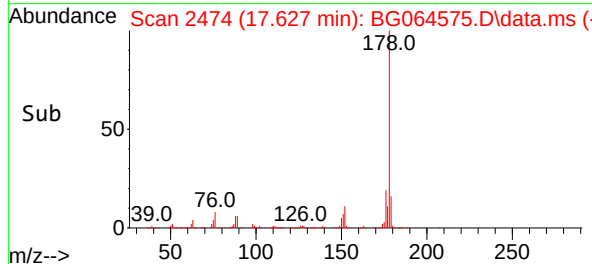
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1340610
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.8 12.2 18.4

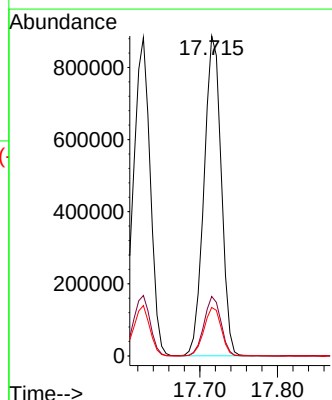
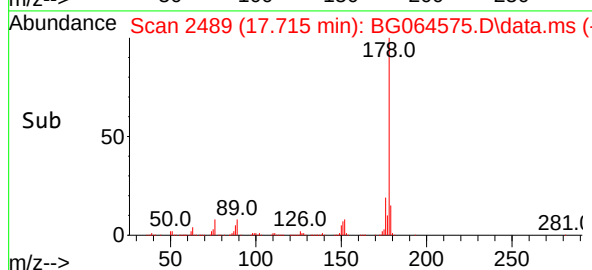
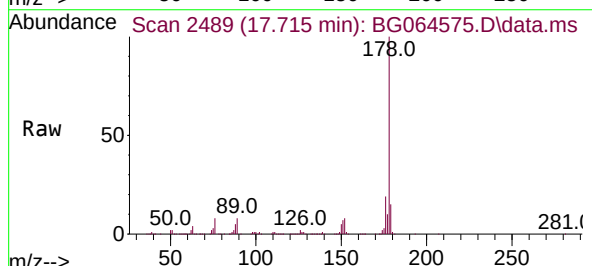
Manual Integrations
APPROVED

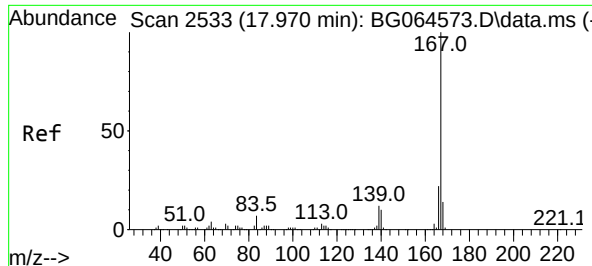
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 73.704 ng
RT: 17.715 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

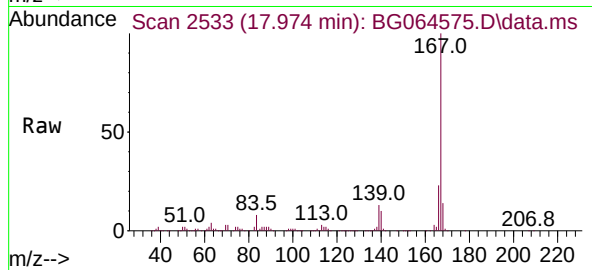
Tgt Ion:178 Resp: 1367044
Ion Ratio Lower Upper
178 100
176 18.6 14.4 21.6
179 15.1 12.4 18.6





#73
Carbazole
Concen: 73.122 ng
RT: 17.974 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

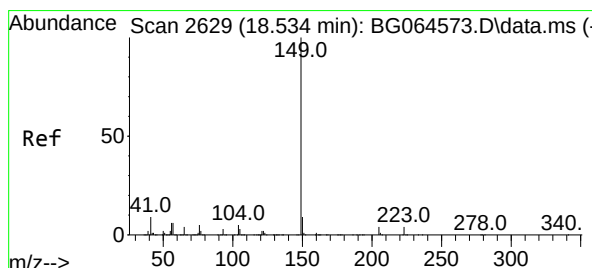
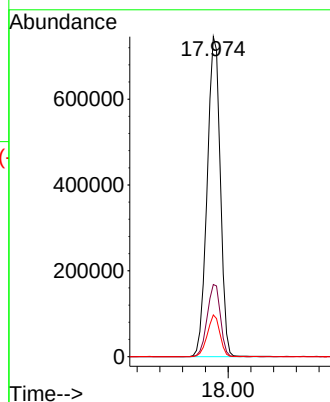
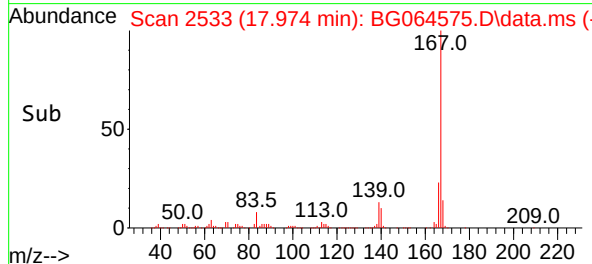
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 1195960
Ion Ratio Lower Upper
167 100
166 22.5 17.9 26.9
139 13.0 9.7 14.5

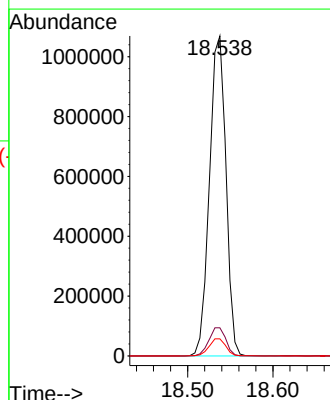
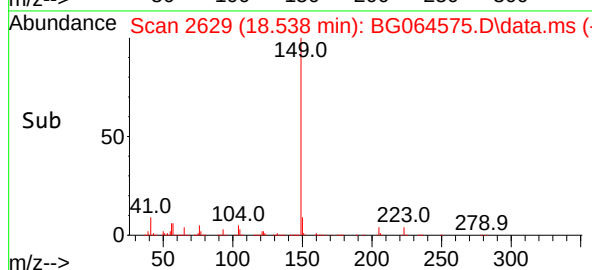
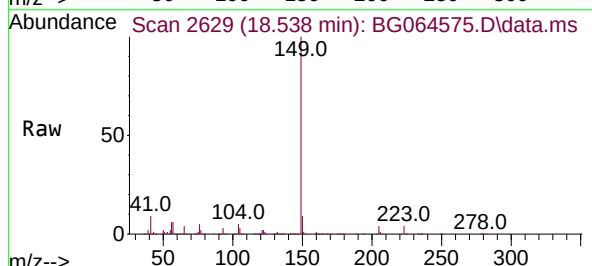
Manual Integrations
APPROVED

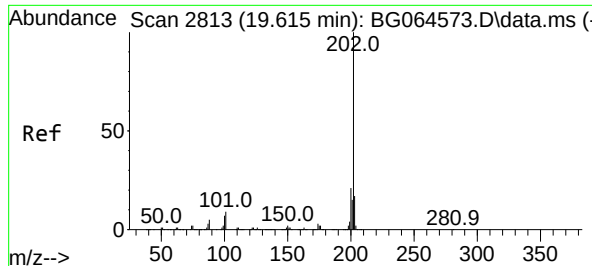
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#74
Di-n-butylphthalate
Concen: 75.790 ng
RT: 18.538 min Scan# 2629
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

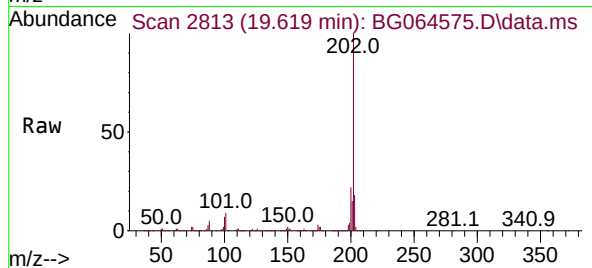
Tgt Ion:149 Resp: 1433446
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 72.835 ng
RT: 19.619 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

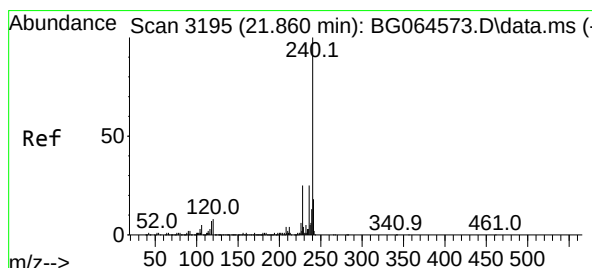
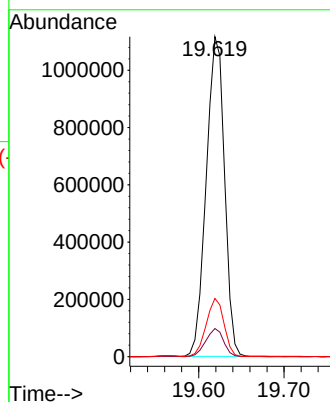
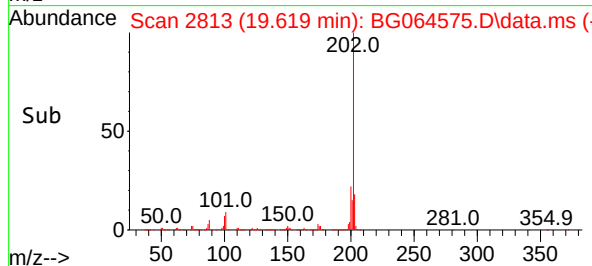
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1663673
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 18.2 0.0 37.0

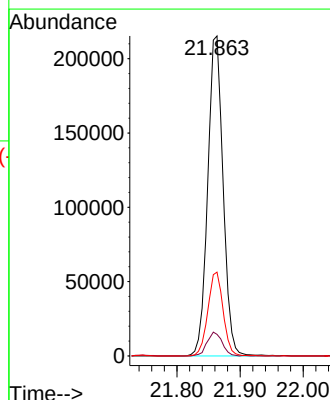
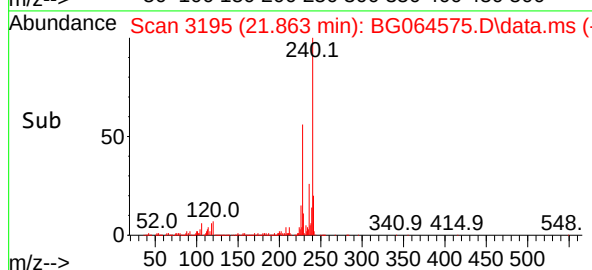
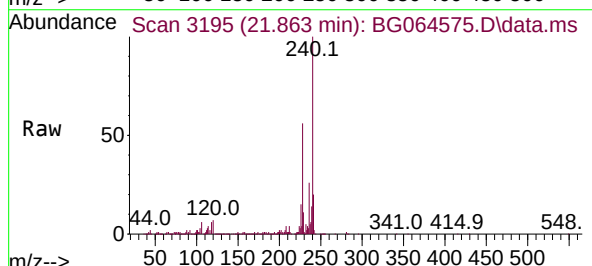
Manual Integrations
APPROVED

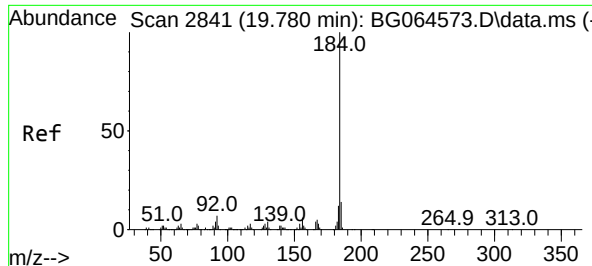
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3195
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

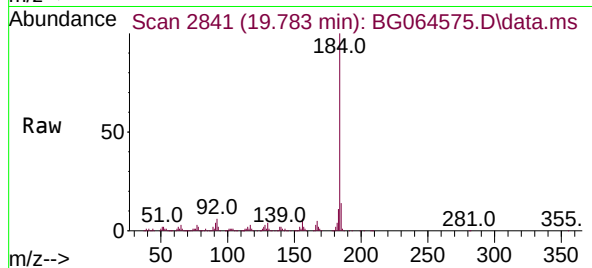
Tgt Ion:240 Resp: 363291
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 26.2 20.2 30.2





#77
Benzidine
Concen: 68.376 ng
RT: 19.783 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

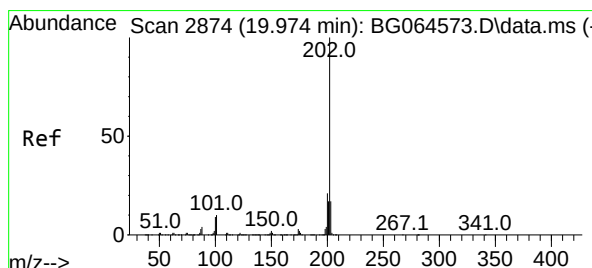
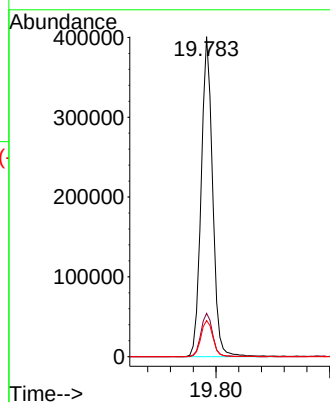
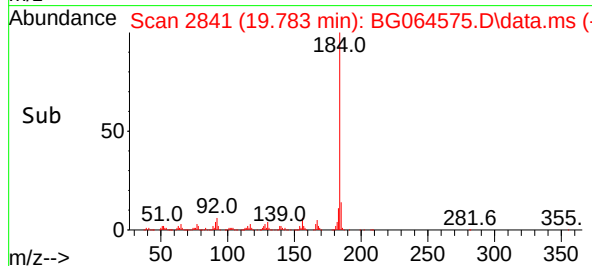
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 556525
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.2
183 11.3 9.4 14.2

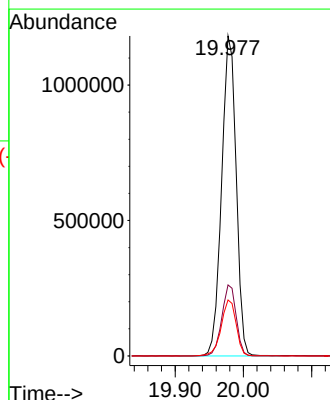
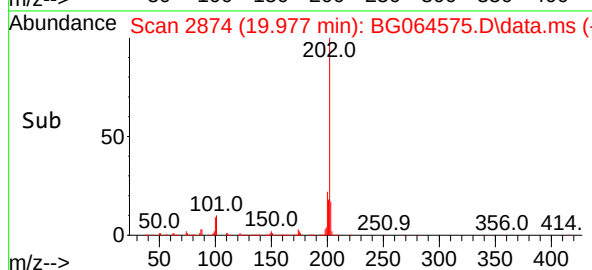
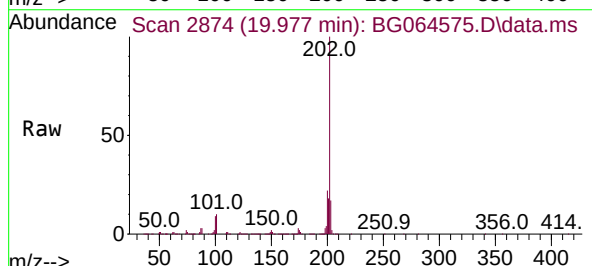
Manual Integrations
APPROVED

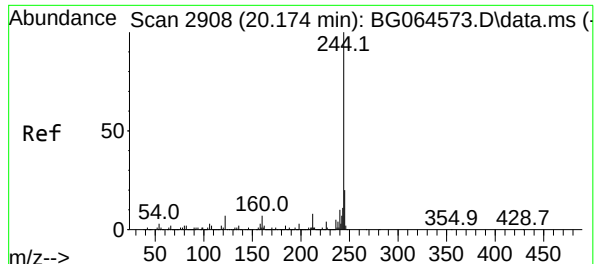
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 73.215 ng
RT: 19.977 min Scan# 2874
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

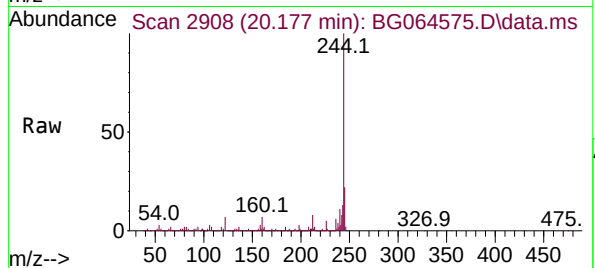
Tgt Ion:202 Resp: 1737788
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 17.5 13.8 20.6





#79
Terphenyl-d14
Concen: 140.125 ng
RT: 20.177 min Scan# 2908
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

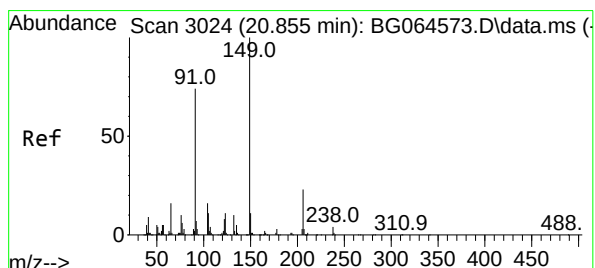
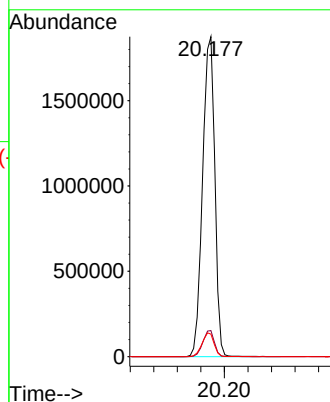
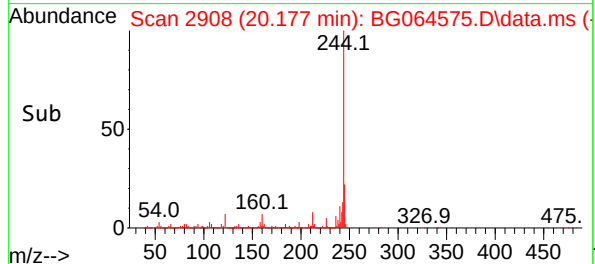
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



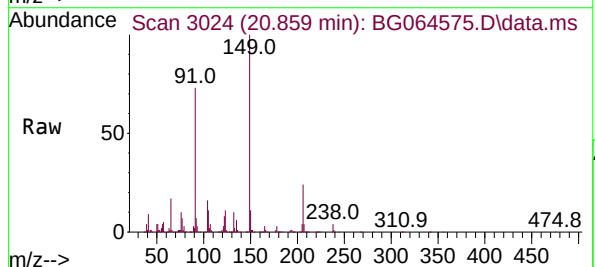
Tgt Ion:244 Resp: 2697491
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 7.0 5.6 8.4

Manual Integrations
APPROVED

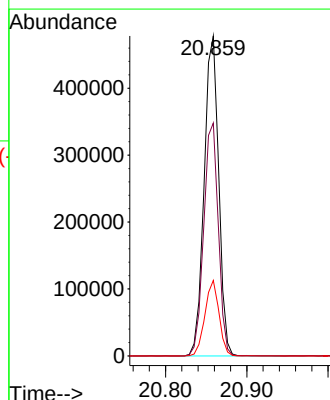
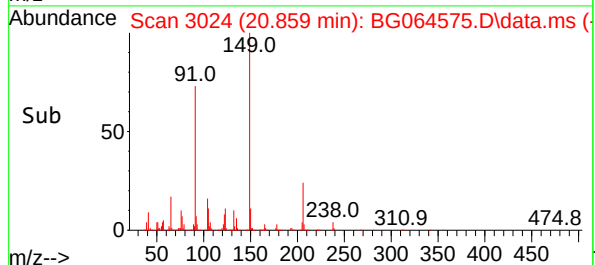
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

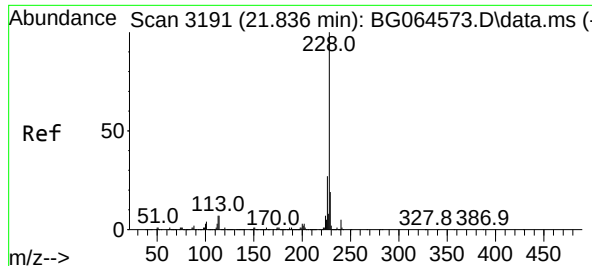


#80
Butylbenzylphthalate
Concen: 82.988 ng
RT: 20.859 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24



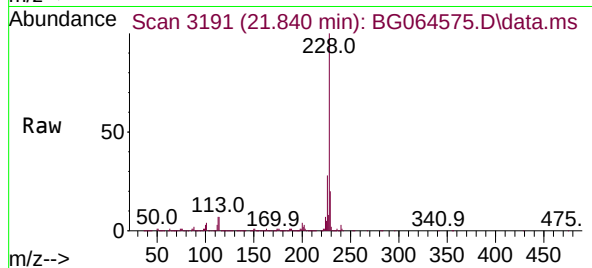
Tgt Ion:149 Resp: 595333
Ion Ratio Lower Upper
149 100
91 72.8 59.2 88.8
206 23.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 74.959 ng
RT: 21.840 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

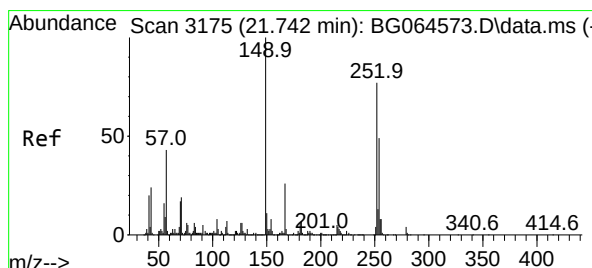
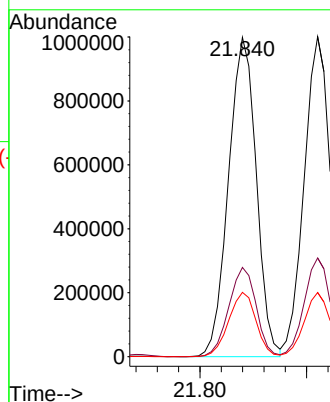
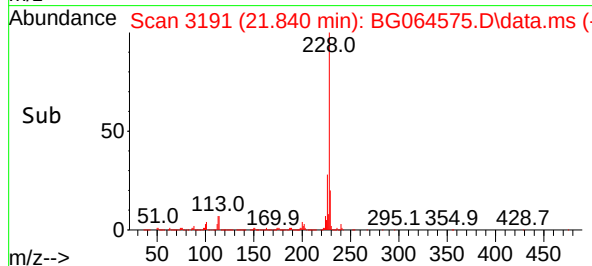
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1805628
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 20.1 15.6 23.4

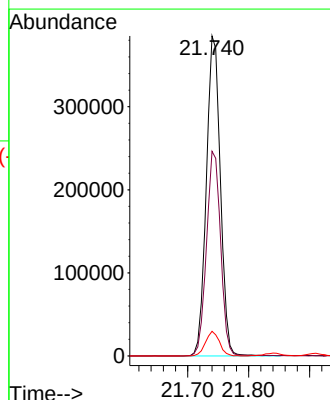
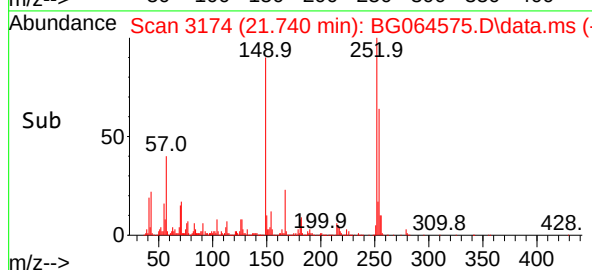
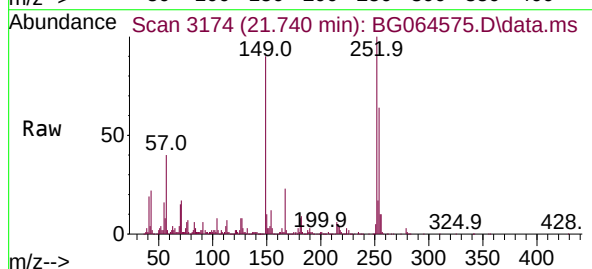
Manual Integrations
APPROVED

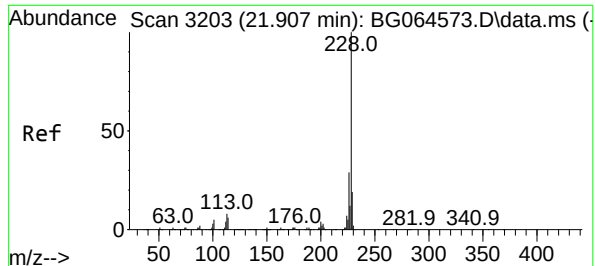
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.524 ng
RT: 21.740 min Scan# 3174
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

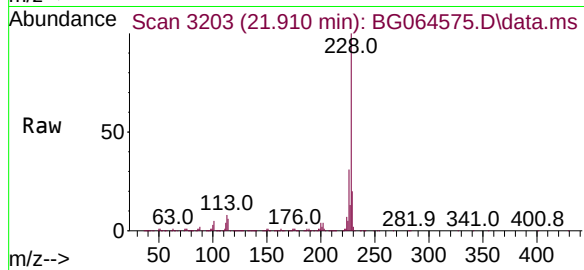
Tgt Ion:252 Resp: 615546
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 7.7 5.8 8.6





#83
Chrysene
Concen: 74.368 ng
RT: 21.910 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

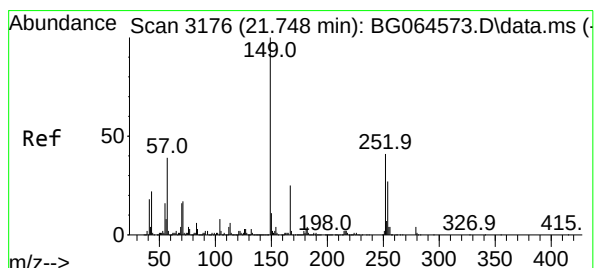
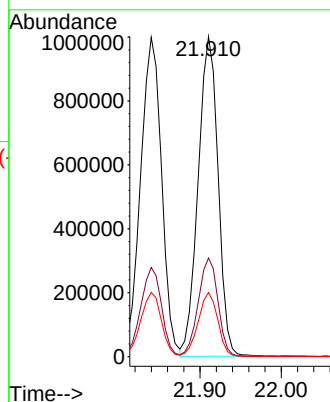
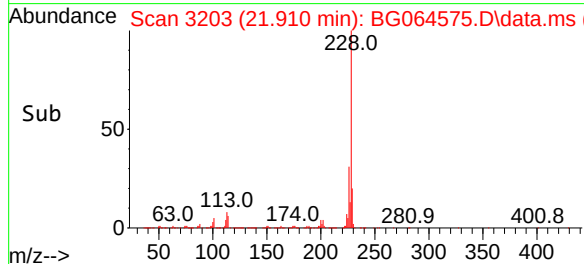
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1704533
Ion Ratio Lower Upper
228 100
226 30.8 23.3 34.9
229 20.0 15.2 22.8

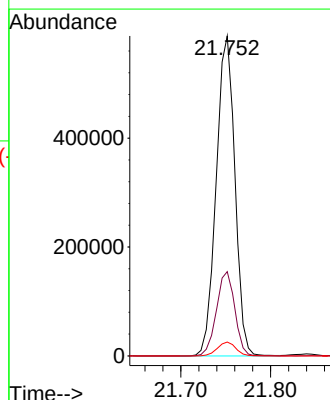
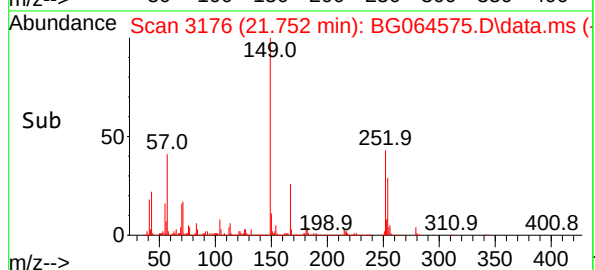
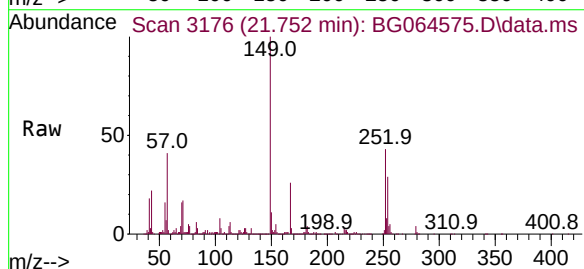
Manual Integrations
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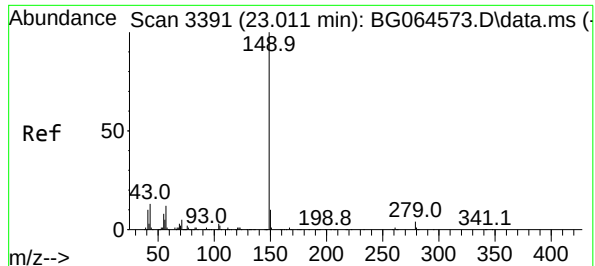
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 79.672 ng
RT: 21.752 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

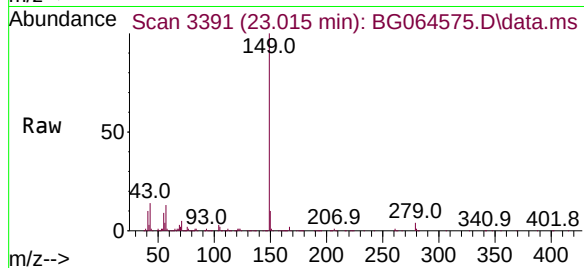
Tgt Ion:149 Resp: 854027
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 79.289 ng
RT: 23.015 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

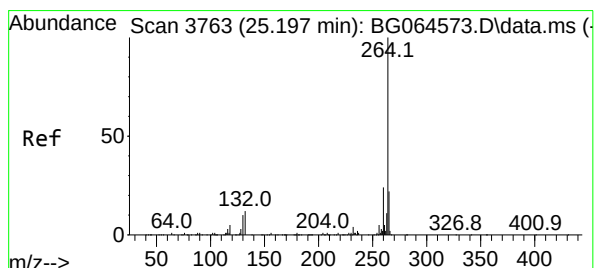
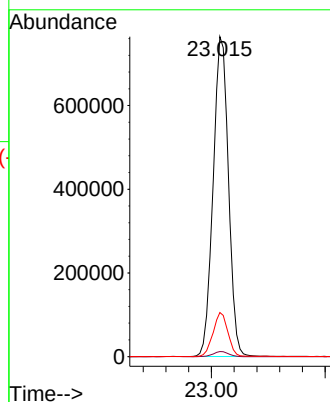
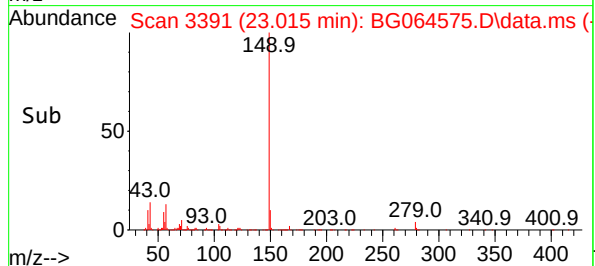
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1432956
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2

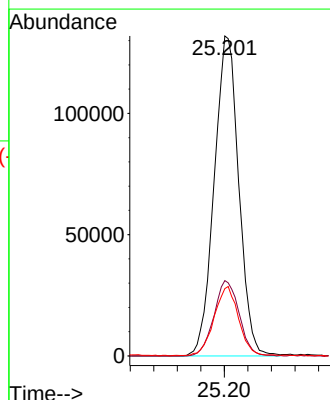
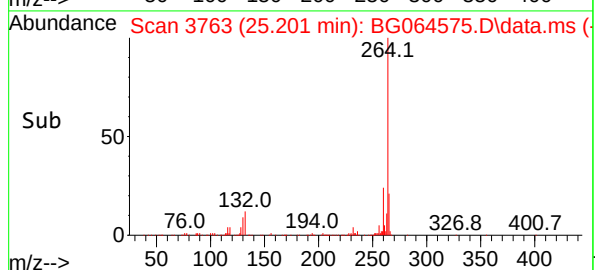
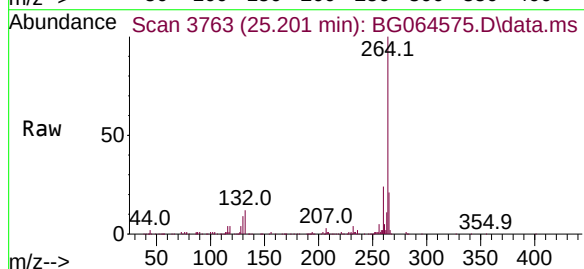
Manual Integrations
APPROVED

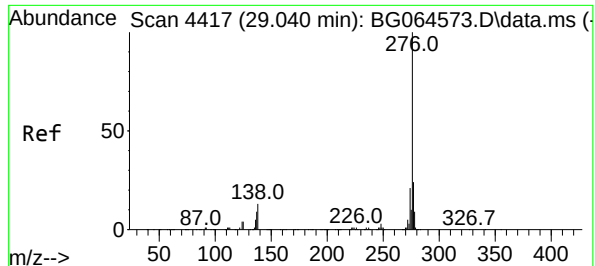
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.201 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:264 Resp: 382372
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 76.663 ng

RT: 29.061 min Scan# 4417

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 2156428

Ion Ratio Lower Upper

276 100

138 10.9 10.8 16.2

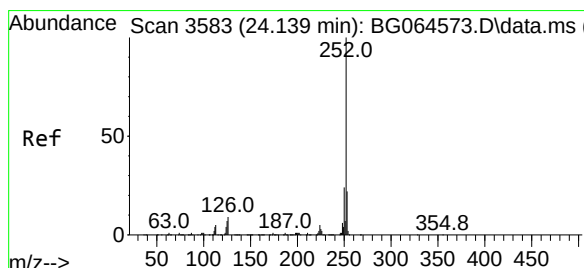
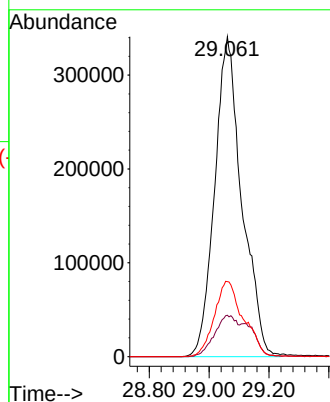
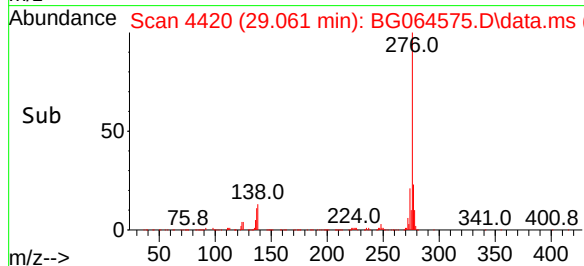
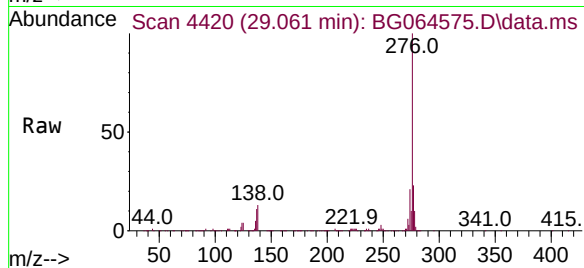
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#88

Benzo(b)fluoranthene

Concen: 77.199 ng

RT: 24.143 min Scan# 3583

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

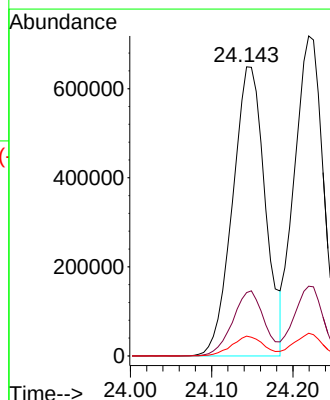
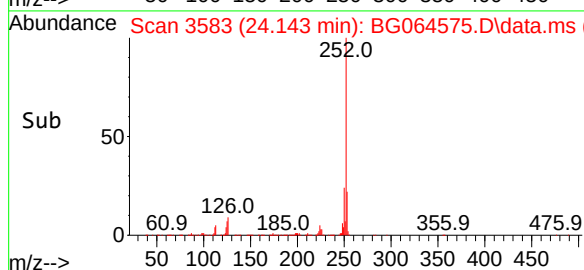
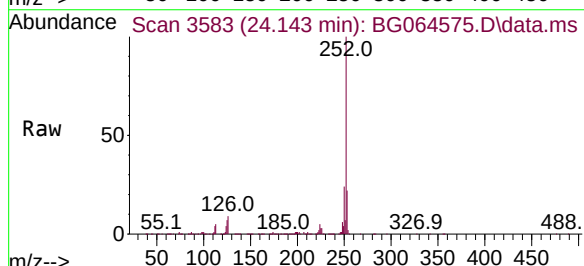
Tgt Ion:252 Resp: 1810094

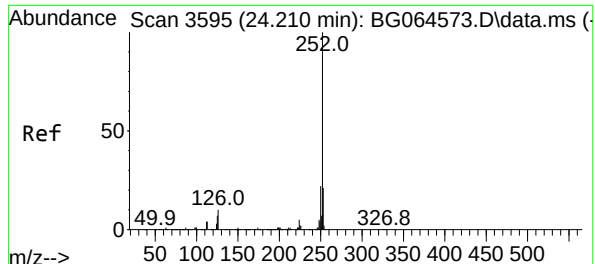
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 74.916 ng

RT: 24.219 min Scan# 3596

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1757758

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

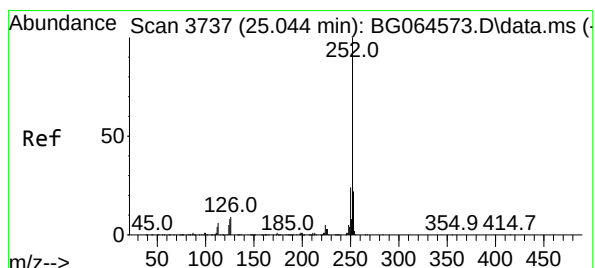
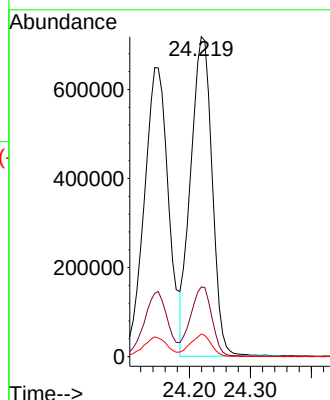
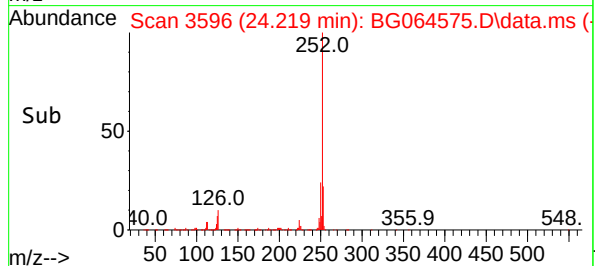
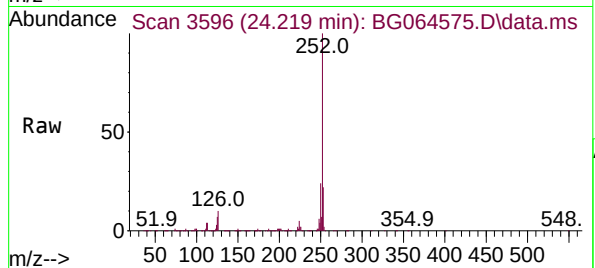
125 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 76.546 ng

RT: 25.060 min Scan# 3739

Delta R.T. 0.000 min

Lab File: BG064575.D

Acq: 24 Oct 2025 14:24

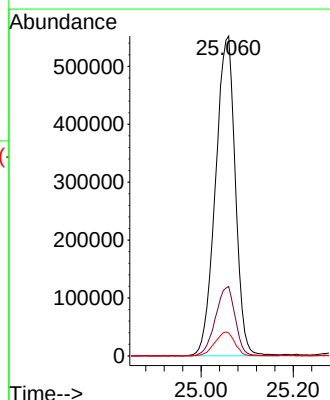
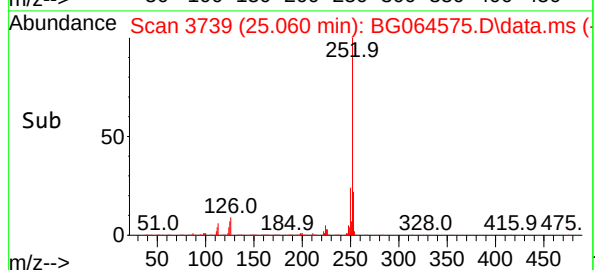
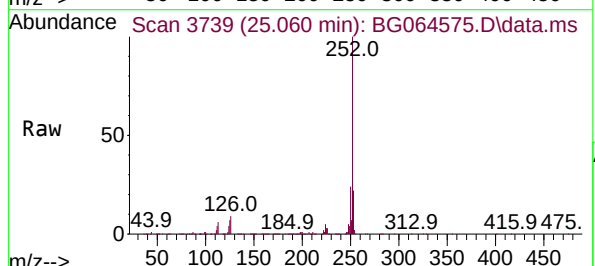
Tgt Ion:252 Resp: 1649779

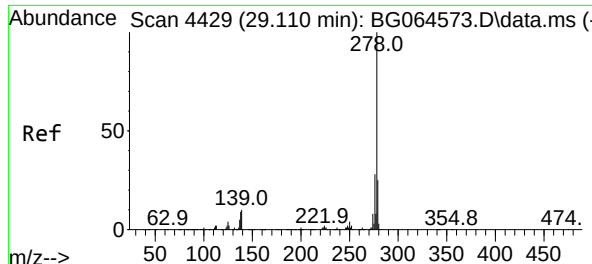
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

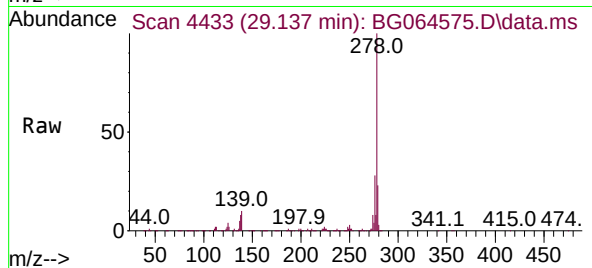
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 76.486 ng
RT: 29.137 min Scan# 4429
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

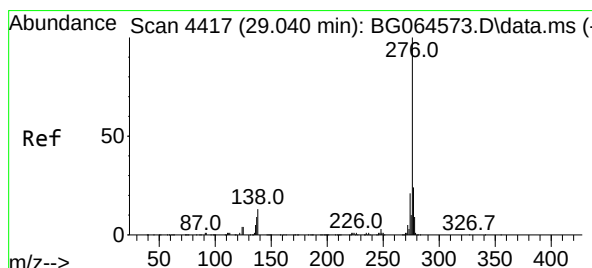
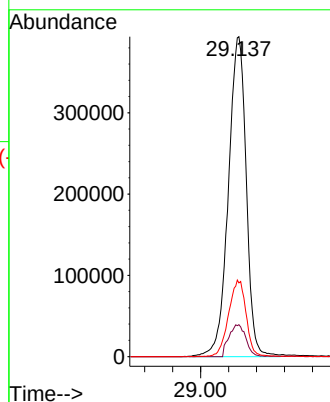
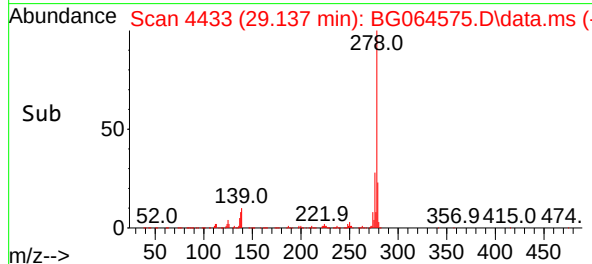
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 1747890
Ion Ratio Lower Upper
278 100
139 10.0 8.0 12.0
279 23.0 19.8 29.6

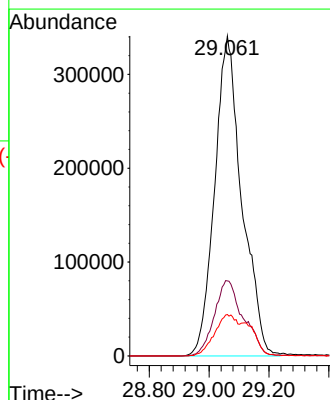
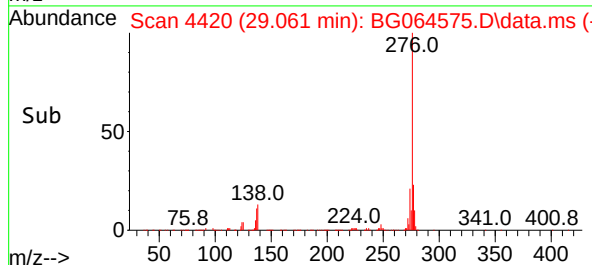
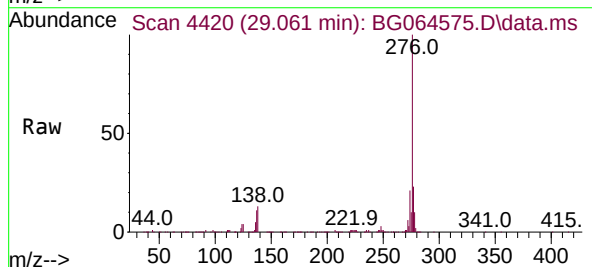
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 76.663 ng
RT: 29.061 min Scan# 4420
Delta R.T. 0.000 min
Lab File: BG064575.D
Acq: 24 Oct 2025 14:24

Tgt Ion:276 Resp: 2156428
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 12.9 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	43774	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	182273	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	142032	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	343365	20.000	ng	0.00
76) Chrysene-d12	21.861	240	367592	20.000	ng	0.00
86) Perylene-d12	25.210	264	385865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	249333	95.606	ng	0.00
7) Phenol-d6	7.354	99	349586	97.687	ng	0.00
23) Nitrobenzene-d5	9.387	82	324249	106.847	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	207294	101.122	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	877315	93.626	ng	0.00
79) Terphenyl-d14	20.175	244	1814661	93.162	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.588	88	51872	44.926	ng	Qvalue 99
3) Pyridine	3.999	79	161000	46.434	ng	96
4) n-Nitrosodimethylamine	3.905	42	85377	45.917	ng	92
6) Aniline	7.536	93	228687	46.963	ng	99
8) 2-Chlorophenol	7.777	128	134062	49.112	ng	96
9) Benzaldehyde	7.343	77	91457	46.812	ng	96
10) Phenol	7.384	94	192663	48.681	ng	98
11) bis(2-Chloroethyl)ether	7.536	93	228687	46.963	ng	97
12) 1,3-Dichlorobenzene	8.112	146	146905	46.758	ng	98
13) 1,4-Dichlorobenzene	8.259	146	151083	47.294	ng	93
14) 1,2-Dichlorobenzene	8.582	146	143986	46.729	ng	96
15) Benzyl Alcohol	8.447	79	142880	48.417	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.741	45	361264	47.332	ng	99
17) 2-Methylphenol	8.453	107	74046	50.198	ng	96
18) Hexachloroethane	9.328	117	54330	48.463	ng	94
19) n-Nitroso-di-n-propyla...	9.029	70	122051	49.350	ng	97
20) 3+4-Methylphenols	8.982	107	176415	47.740	ng	99
22) Acetophenone	9.046	105	234956	47.155	ng	# 100
24) Nitrobenzene	9.428	77	171837	52.060	ng	96
25) Isophorone	9.957	82	348174	47.813	ng	97
26) 2-Nitrophenol	10.145	139	61611	48.353	ng	90
27) 2,4-Dimethylphenol	10.198	122	140852m	50.979	ng	
28) bis(2-Chloroethoxy)met...	10.439	93	194038	46.800	ng	99
29) 2,4-Dichlorophenol	10.680	162	148850	51.062	ng	94
30) 1,2,4-Trichlorobenzene	10.909	180	159207	48.068	ng	94
31) Naphthalene	11.103	128	471891	46.695	ng	98
32) Benzoic acid	10.321	122	97652m	48.883	ng	
33) 4-Chloroaniline	11.191	127	186814	47.560	ng	98
34) Hexachlorobutadiene	11.397	225	123596	47.716	ng	98
35) Caprolactam	11.961	113	53689	48.020	ng	# 93
36) 4-Chloro-3-methylphenol	12.296	107	171120	48.836	ng	98
37) 2-Methylnaphthalene	12.695	142	351946	47.435	ng	97
38) 1-Methylnaphthalene	12.913	142	342687	46.939	ng	95
40) 1,2,4,5-Tetrachloroben...	13.054	216	224658	47.131	ng	99
41) Hexachlorocyclopentadiene	13.042	237	105411	49.131	ng	98
43) 2,4,6-Trichlorophenol	13.283	196	141505	51.898	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064576.D
 Acq On : 24 Oct 2025 15:32
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:11:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	157315	49.997	ng	96
46) 1,1'-Biphenyl	13.688	154	470676	46.613	ng	99
47) 2-Chloronaphthalene	13.729	162	359811	47.208	ng	99
48) 2-Nitroaniline	13.911	65	121908	47.668	ng	92
49) Acenaphthylene	14.569	152	565771	47.060	ng	99
50) Dimethylphthalate	14.293	163	519303	47.781	ng	99
51) 2,6-Dinitrotoluene	14.405	165	86665	48.306	ng	99
52) Acenaphthene	14.910	154	388012	47.239	ng	99
53) 3-Nitroaniline	14.734	138	99748	53.405	ng	96
54) 2,4-Dinitrophenol	14.928	184	49318	47.268	ng	89
55) Dibenzofuran	15.239	168	615553	46.355	ng	99
56) 4-Nitrophenol	15.016	139	88609	51.169	ng	95
57) 2,4-Dinitrotoluene	15.186	165	132374	47.759	ng	# 99
58) Fluorene	15.891	166	481625	46.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.457	232	157783	52.440	ng	99
60) Diethylphthalate	15.650	149	527594	47.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.880	204	271068	46.576	ng	98
62) 4-Nitroaniline	15.891	138	110067	52.970	ng	98
63) Azobenzene	16.168	77	475203	46.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	71672	47.500	ng	95
66) n-Nitrosodiphenylamine	16.085	169	444824	47.959	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	196226	48.225	ng	96
68) Hexachlorobenzene	16.890	284	223018	48.043	ng	94
69) Atrazine	17.025	200	187862	47.066	ng	96
70) Pentachlorophenol	17.225	266	147427	50.930	ng	95
71) Phenanthrene	17.625	178	875415	46.621	ng	99
72) Anthracene	17.719	178	893629	46.785	ng	99
73) Carbazole	17.977	167	781031	46.370	ng	100
74) Di-n-butylphthalate	18.535	149	930281	47.762	ng	100
75) Fluoranthene	19.622	202	1092855	46.459	ng	99
77) Benzidine	19.787	184	382418	46.435	ng	100
78) Pyrene	19.981	202	1133345	47.190	ng	99
80) Butylbenzylphthalate	20.856	149	374611	51.609	ng	100
81) Benzo(a)anthracene	21.843	228	1151242	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.743	252	389240	47.824	ng	97
83) Chrysene	21.908	228	1091456	47.062	ng	98
84) Bis(2-ethylhexyl)phtha...	21.749	149	537716	49.576	ng	98
85) Di-n-octyl phthalate	23.018	149	896763	49.039	ng	99
87) Indeno(1,2,3-cd)pyrene	29.052	276	1346188	47.425	ng	97
88) Benzo(b)fluoranthene	24.146	252	1131250	47.810	ng	100
89) Benzo(k)fluoranthene	24.217	252	1110490	46.901	ng	98
90) Benzo(a)pyrene	25.051	252	1029605	47.339	ng	99
91) Dibenzo(a,h)anthracene	29.129	278	1090407	47.283	ng	99
92) Benzo(g,h,i)perylene	29.052	276	1346188	47.425	ng	100

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

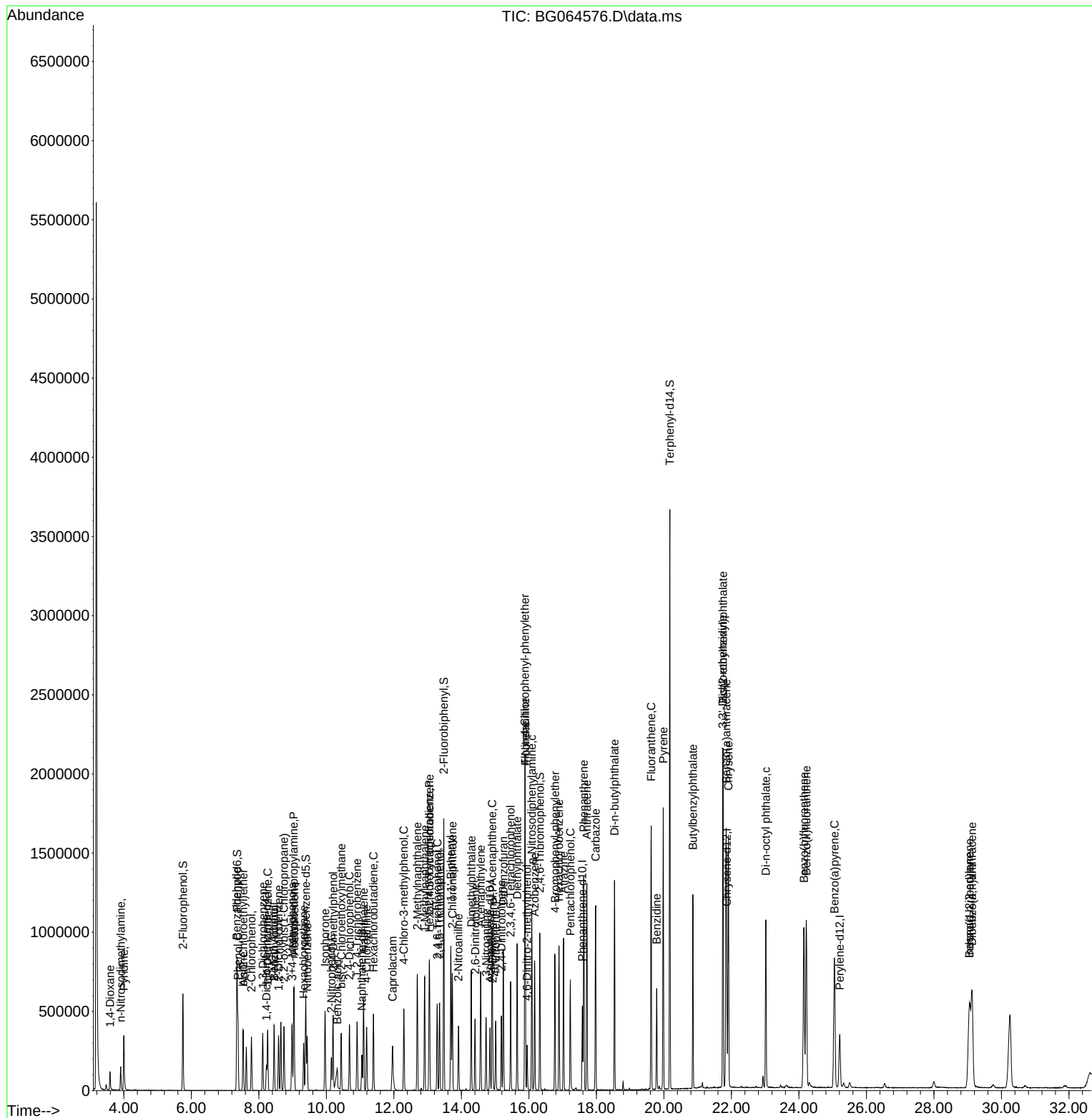
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Acq On    : 24 Oct 2025  15:32  
Operator  : RC/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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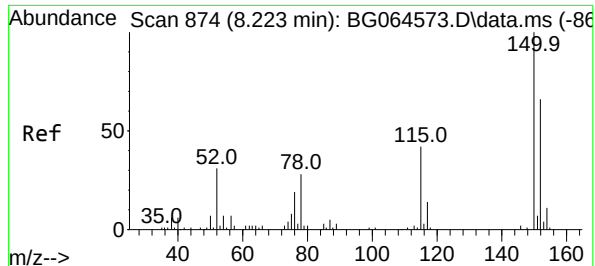
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BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

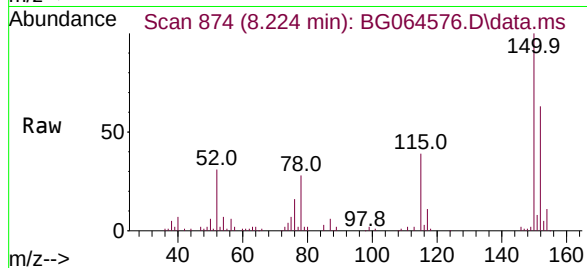
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

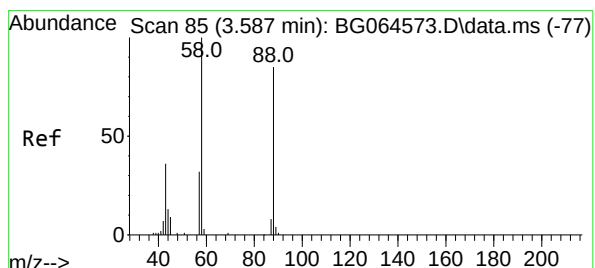
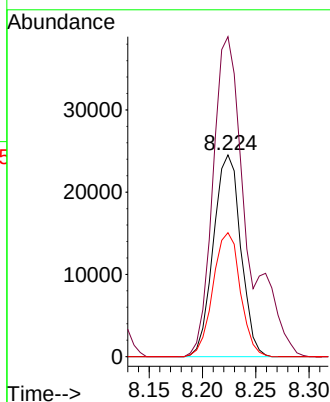
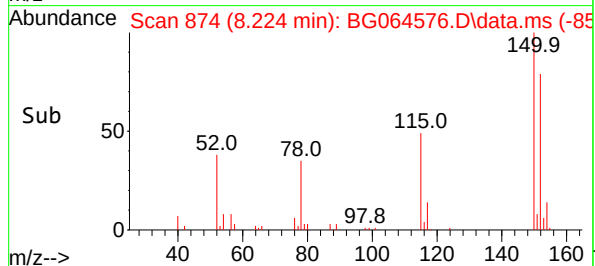
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 43774
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 61.5 50.8 76.2

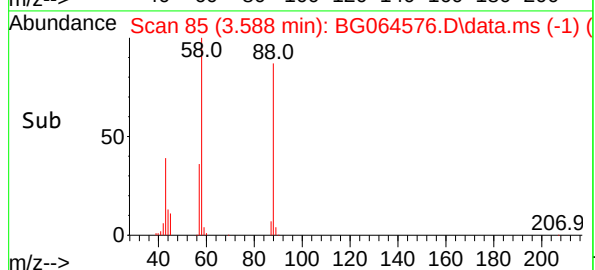
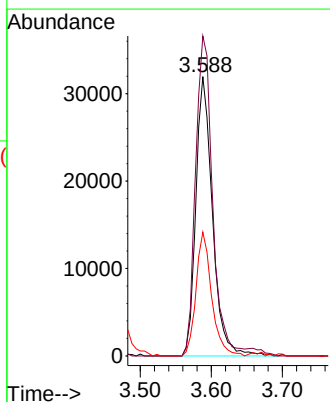
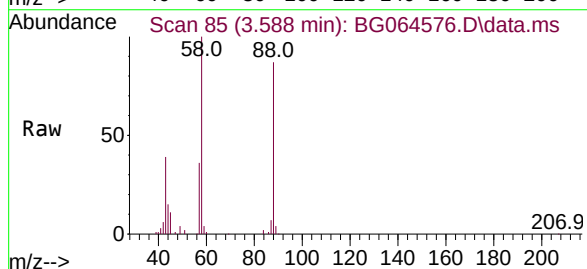
Manual Integrations
APPROVED

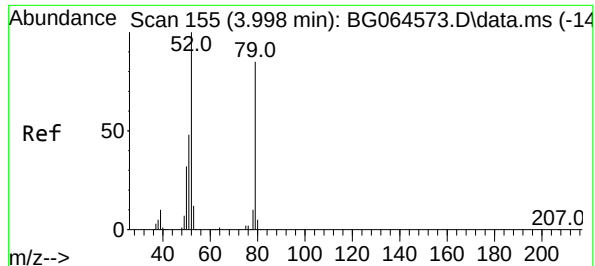
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 44.926 ng
RT: 3.588 min Scan# 85
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

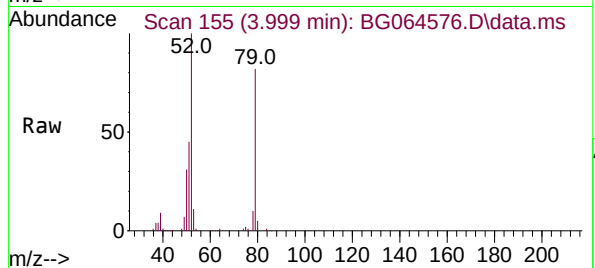
Tgt Ion: 88 Resp: 51872
Ion Ratio Lower Upper
88 100
58 116.7 92.4 138.6
43 41.6 33.0 49.6





#3
Pyridine
Concen: 46.434 ng
RT: 3.999 min Scan# 155
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

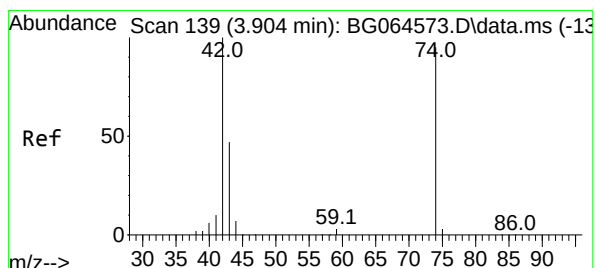
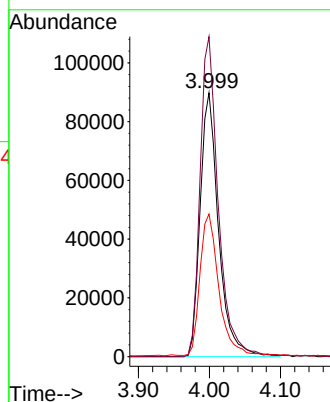
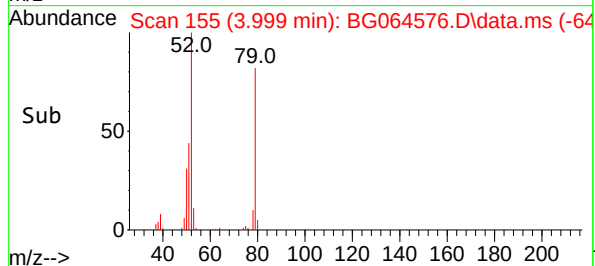
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 161000
Ion Ratio Lower Upper
79 100
52 121.3 94.2 141.2
51 54.1 46.1 69.1

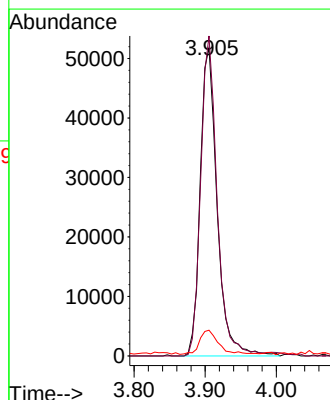
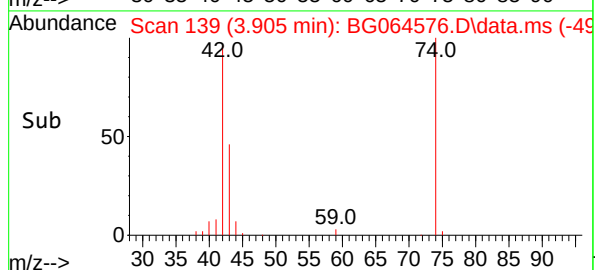
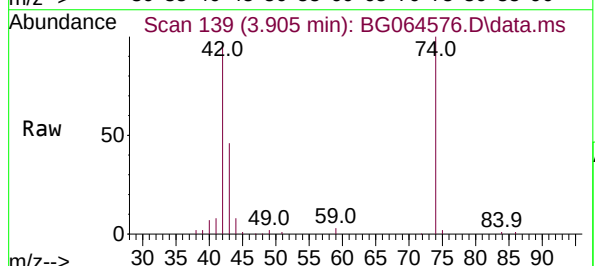
Manual Integrations
APPROVED

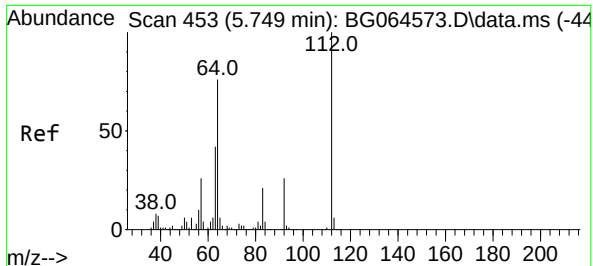
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#4
n-Nitrosodimethylamine
Concen: 45.917 ng
RT: 3.905 min Scan# 139
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

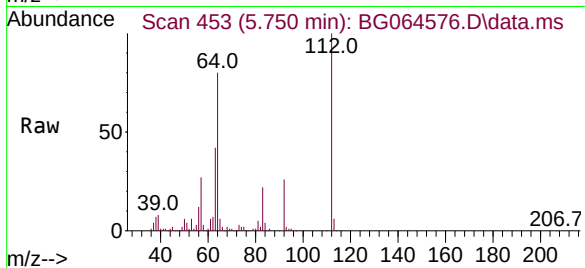
Tgt Ion: 42 Resp: 85377
Ion Ratio Lower Upper
42 100
74 103.9 76.1 114.1
44 8.4 6.3 9.5





#5
2-Fluorophenol
Concen: 95.606 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

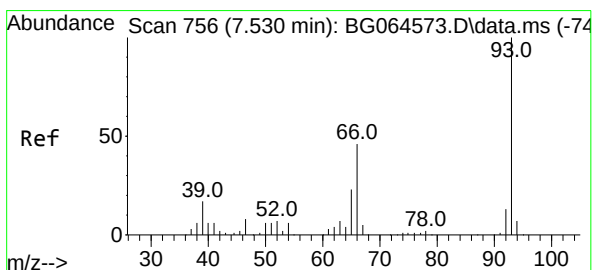
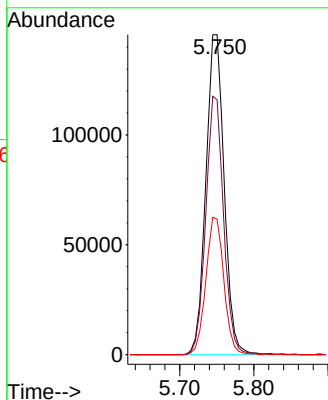
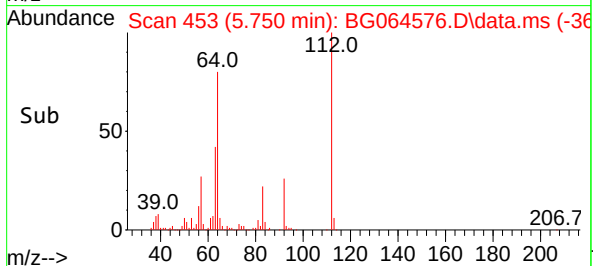
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 249333
Ion Ratio Lower Upper
112 100
64 79.6 60.7 91.1
63 42.3 33.4 50.0

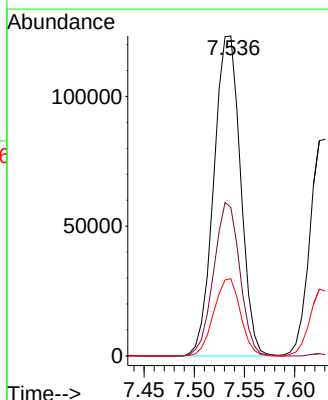
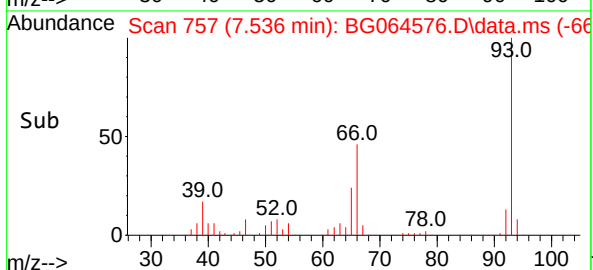
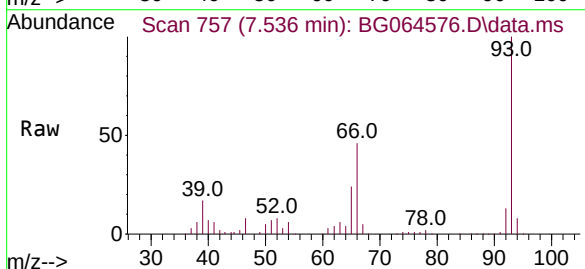
Manual Integrations
APPROVED

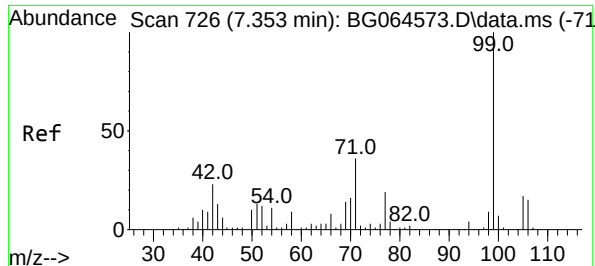
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 46.963 ng
RT: 7.536 min Scan# 757
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

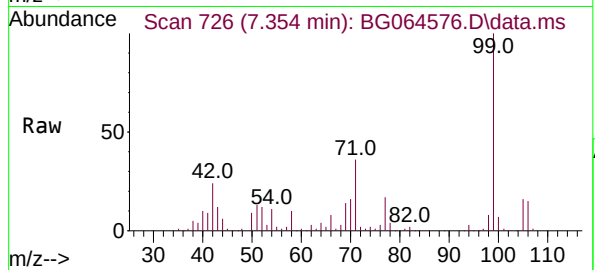
Tgt Ion: 93 Resp: 228687
Ion Ratio Lower Upper
93 100
66 46.4 37.0 55.6
65 24.1 18.3 27.5





#7
Phenol-d6
Concen: 97.687 ng
RT: 7.354 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

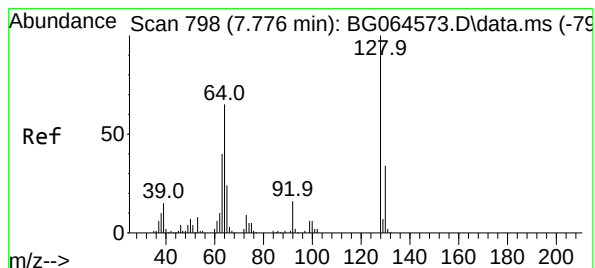
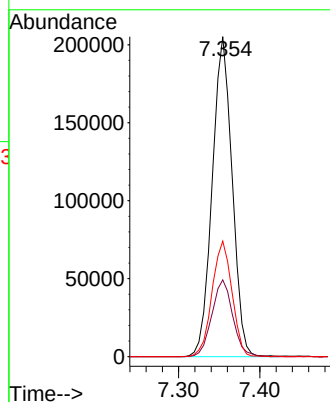
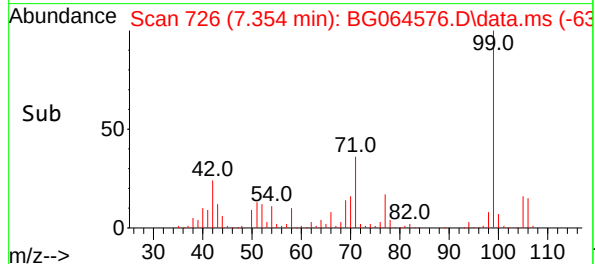
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 349586
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 36.1 28.6 43.0

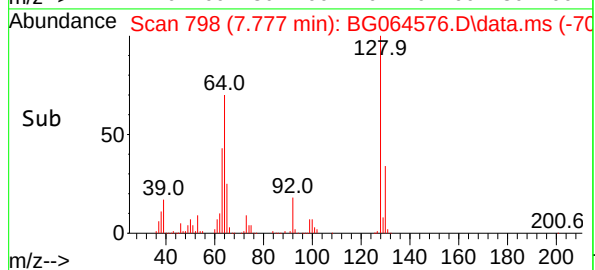
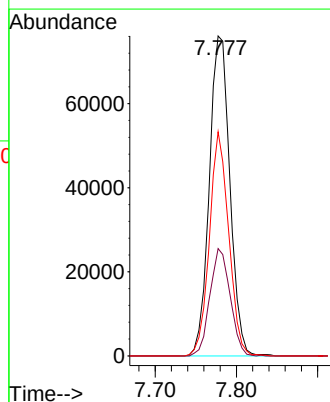
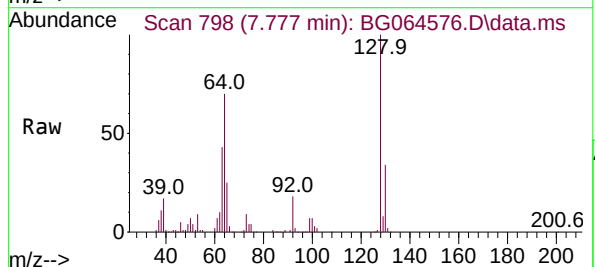
Manual Integrations
APPROVED

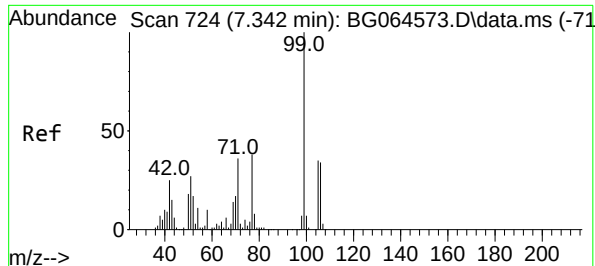
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 49.112 ng
RT: 7.777 min Scan# 798
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:128 Resp: 134062
Ion Ratio Lower Upper
128 100
130 33.5 13.5 53.5
64 70.0 45.2 85.2





#9

Benzaldehyde

Concen: 46.812 ng

RT: 7.343 min Scan# 71

Delta R.T. 0.003 min

Lab File: BG064576.D

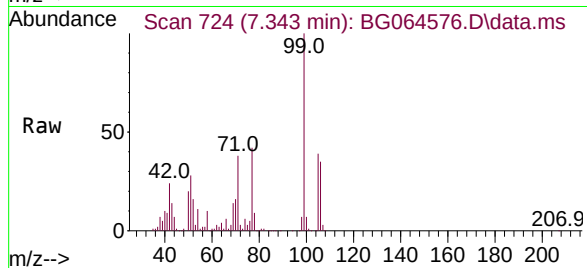
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



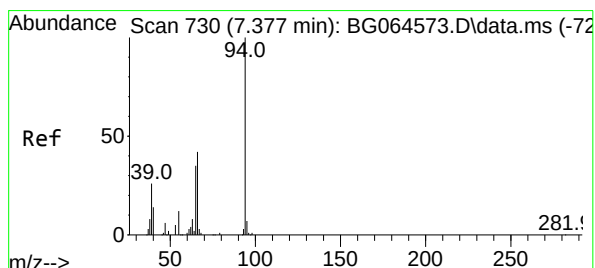
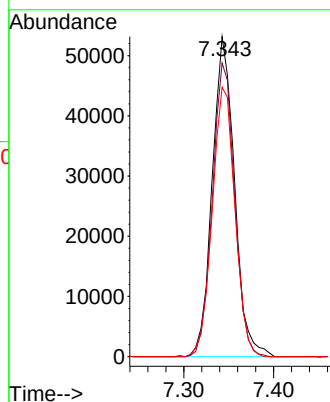
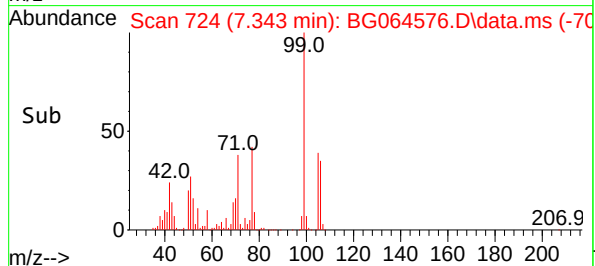
Tgt Ion:	77	Resp:	9145
Ion	Ratio	Lower	Upper
77	100		
105	91.7	72.9	112.9
106	84.2	70.8	110.8

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#10

Phenol

Concen: 48.681 ng

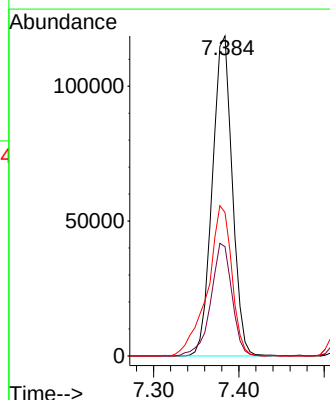
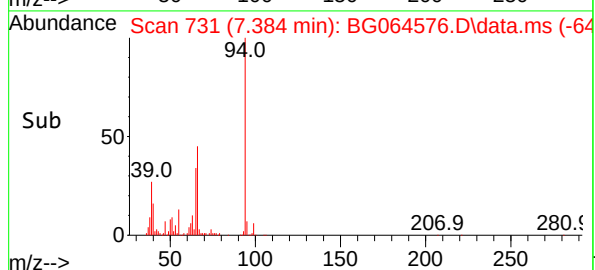
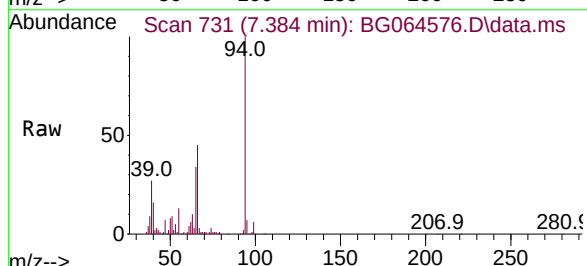
RT: 7.384 min Scan# 731

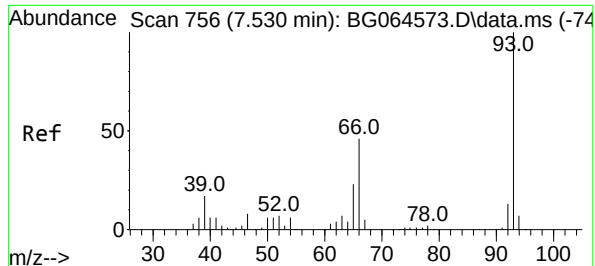
Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:	94	Resp:	192663
Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.8	55.8
66	44.8	24.0	64.0





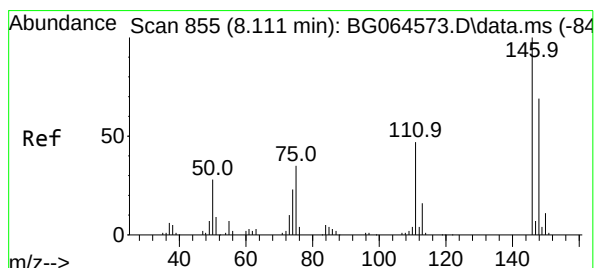
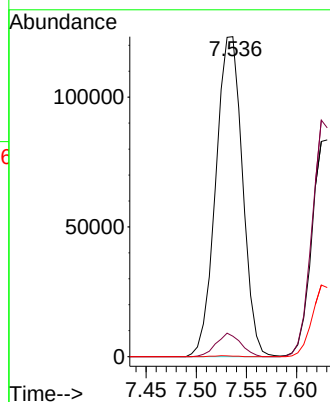
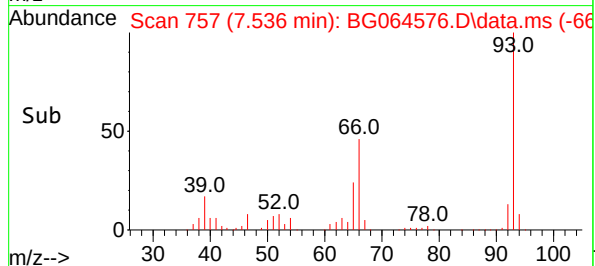
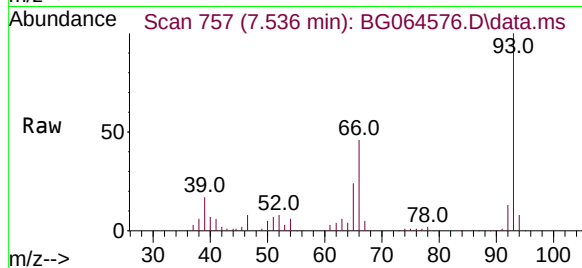
#11
bis(2-Chloroethyl)ether
Concen: 46.963 ng
RT: 7.536 min Scan# 756
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 22868
Ion Ratio Lower Upper
93 100
63 6.4 0.0 27.4
95 0.1 0.0 20.2

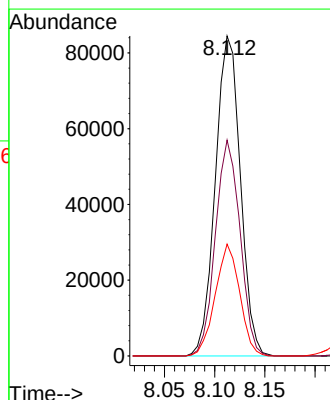
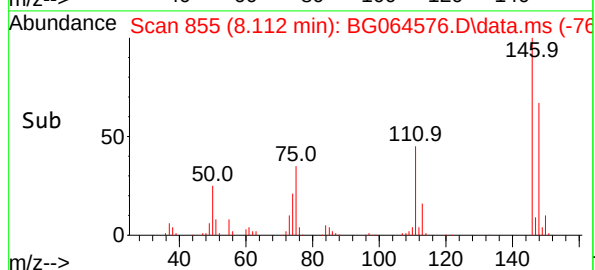
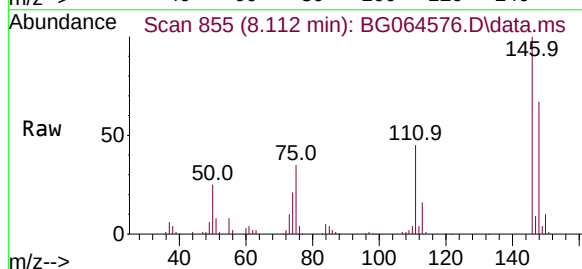
Manual Integrations
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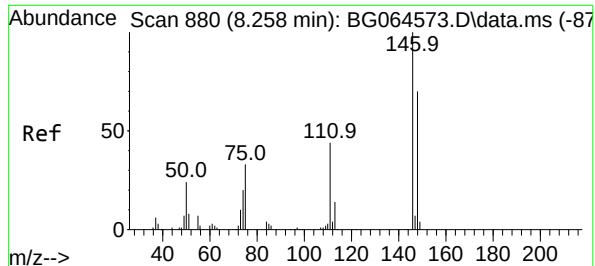
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 8.112 min Scan# 855
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:146 Resp: 146905
Ion Ratio Lower Upper
146 100
148 67.4 55.3 82.9
75 34.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.294 ng

RT: 8.259 min Scan# 880

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 151083

Ion Ratio Lower Upper

146 100

148 62.7 56.2 84.4

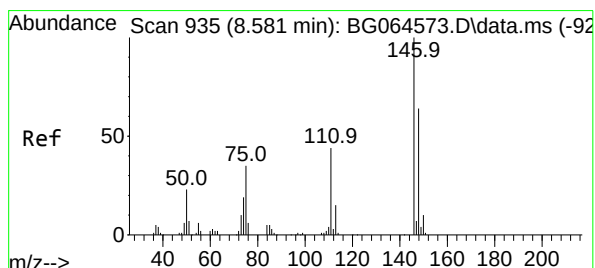
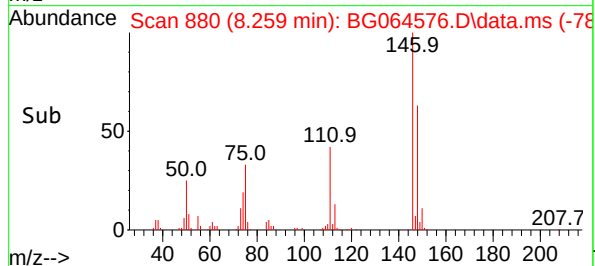
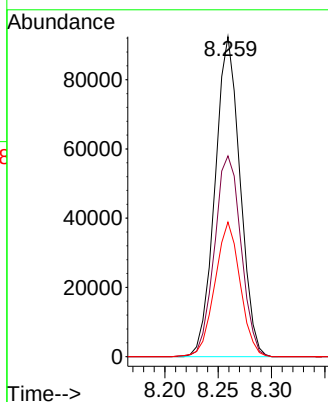
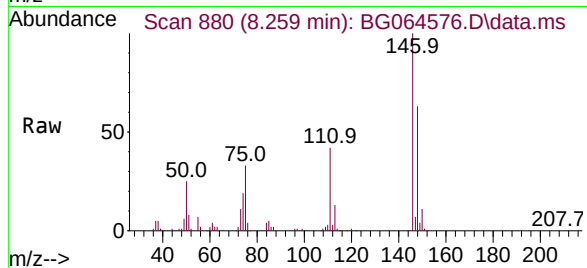
111 42.0 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 46.729 ng

RT: 8.582 min Scan# 935

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

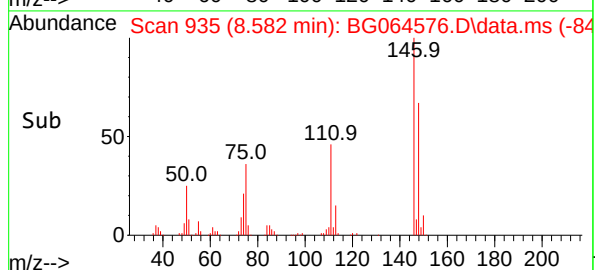
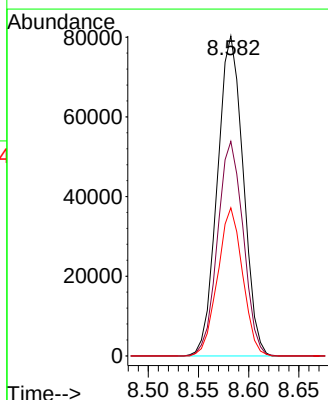
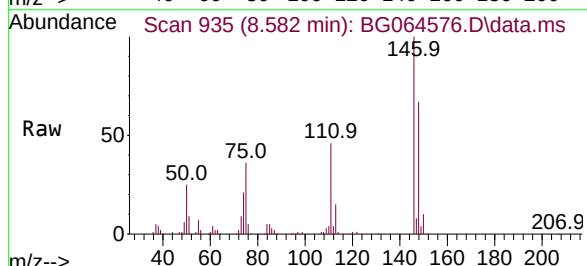
Tgt Ion:146 Resp: 143986

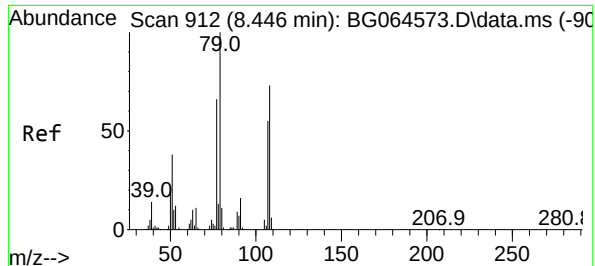
Ion Ratio Lower Upper

146 100

148 67.0 51.5 77.3

111 46.3 35.0 52.6





#15

Benzyl Alcohol

Concen: 48.417 ng

RT: 8.447 min Scan# 912

Delta R.T. -0.008 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 142880

Ion Ratio Lower Upper

79 100

108 71.2 58.1 87.1

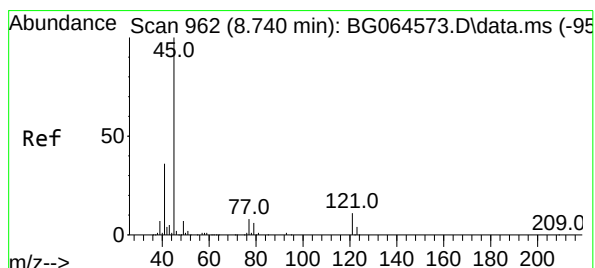
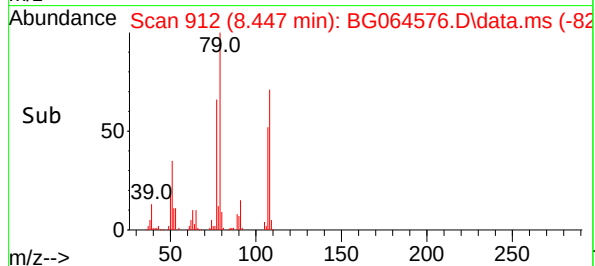
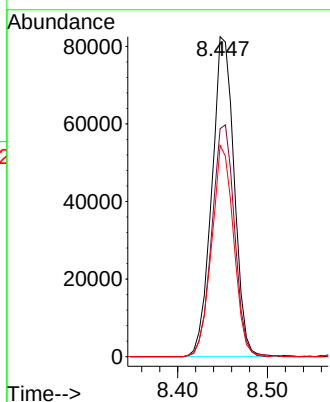
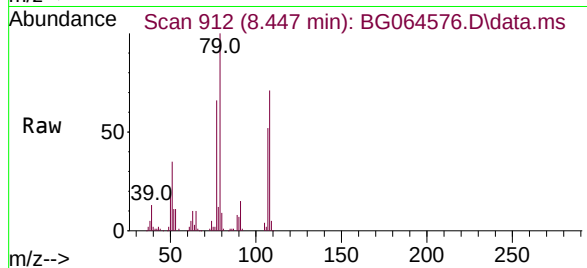
77 66.0 52.8 79.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.332 ng

RT: 8.741 min Scan# 962

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

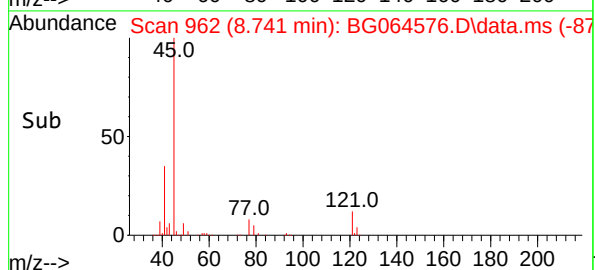
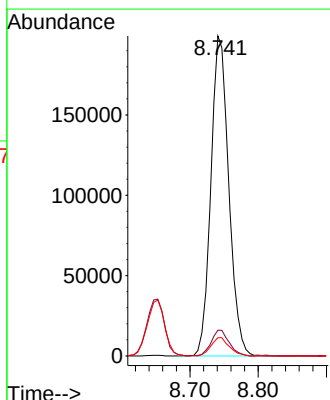
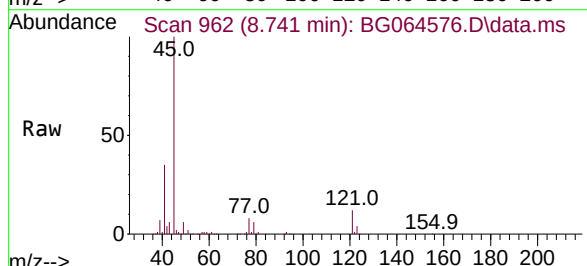
Tgt Ion: 45 Resp: 361264

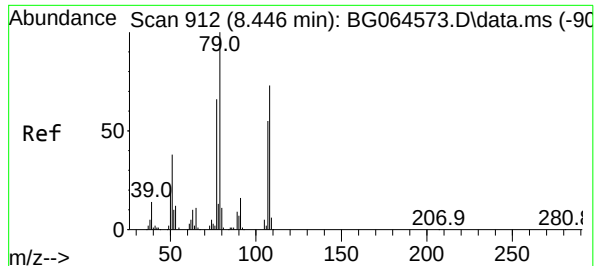
Ion Ratio Lower Upper

45 100

77 8.0 0.0 28.5

79 5.7 0.0 25.6





#17

2-Methylphenol

Concen: 50.198 ng

RT: 8.453 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 74046

Ion Ratio Lower Upper

107 100

108 139.7 106.4 159.6

77 120.8 96.7 145.1

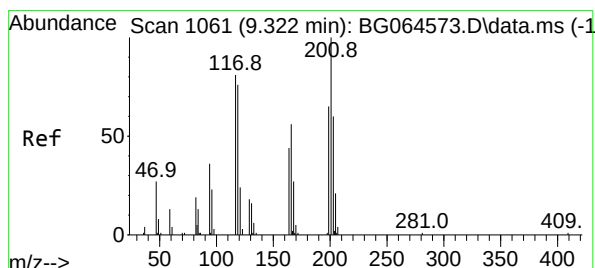
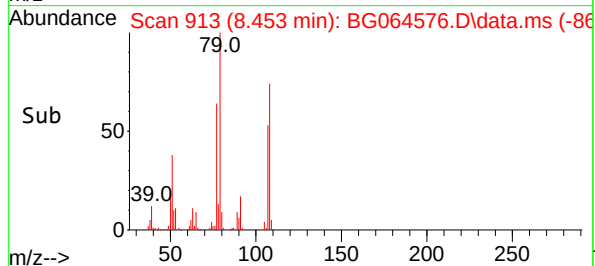
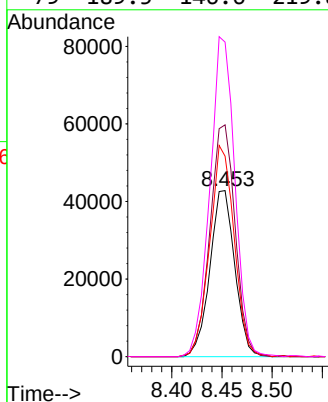
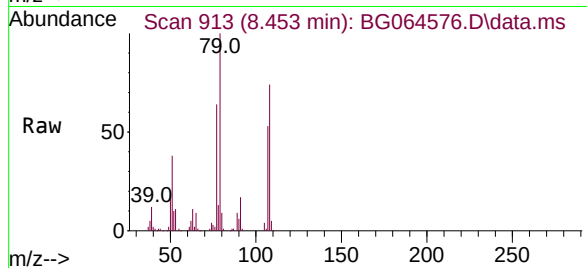
79 189.5 146.6 219.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

Concen: 48.463 ng

RT: 9.328 min Scan# 1062

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

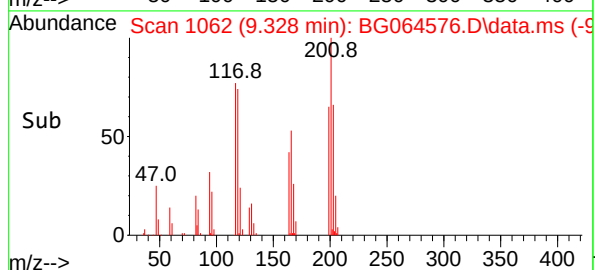
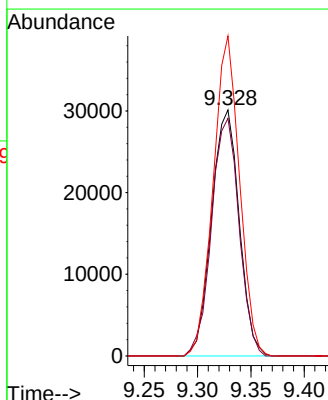
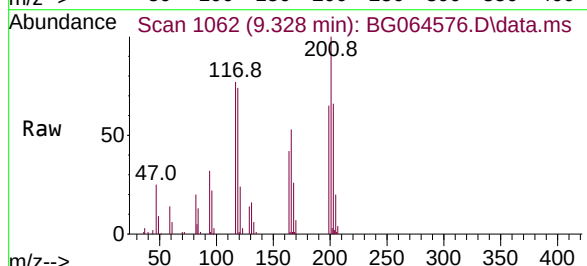
Tgt Ion:117 Resp: 54330

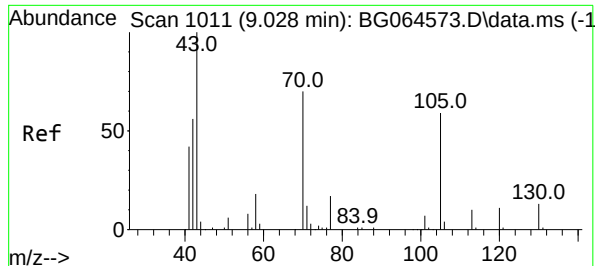
Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

201 134.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.350 ng

RT: 9.029 min Scan# 1011

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 12205

Ion Ratio Lower Upper

70 100

42 78.6 65.2 97.8

101 8.8 7.9 11.9

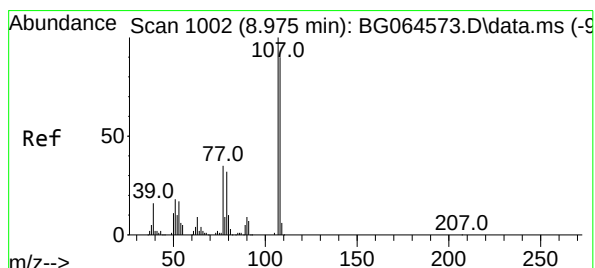
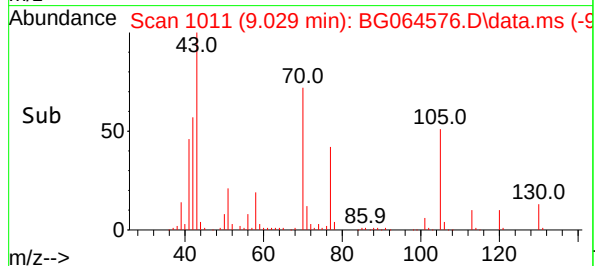
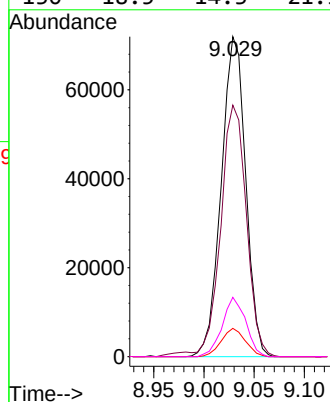
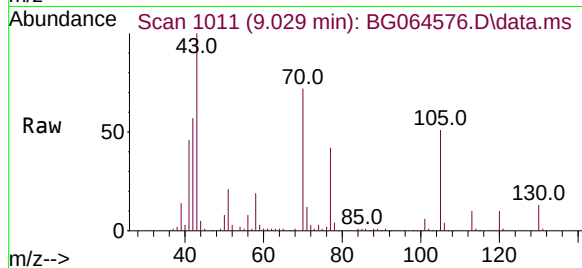
130 18.5 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

Concen: 47.740 ng

RT: 8.982 min Scan# 1003

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:107 Resp: 176415

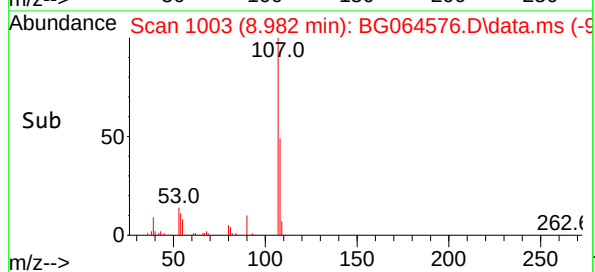
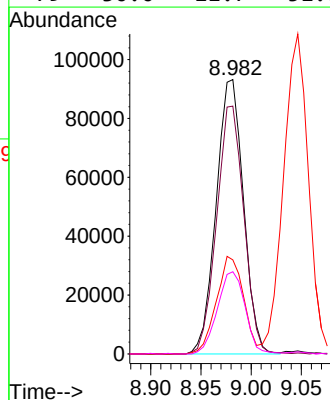
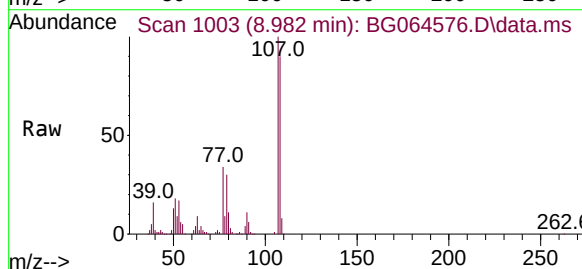
Ion Ratio Lower Upper

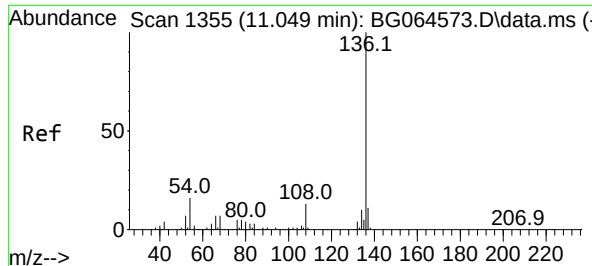
107 100

108 90.4 70.3 110.3

77 34.2 14.6 54.6

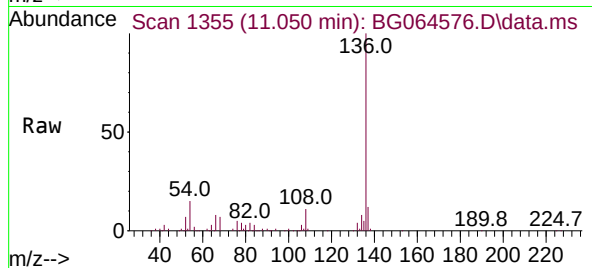
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

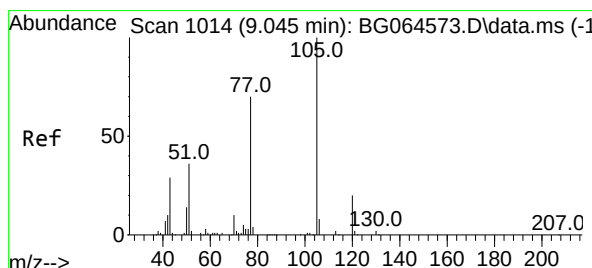
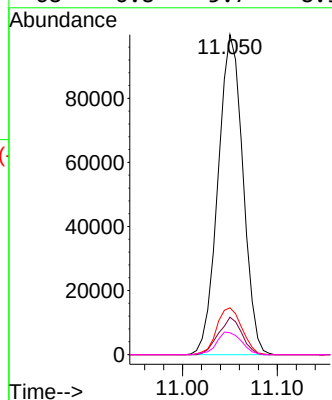
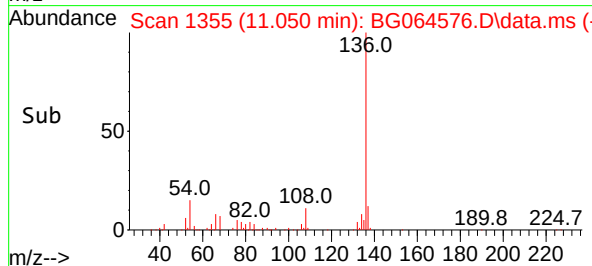
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 182273
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 14.6 12.6 19.0
68 6.8 5.7 8.5

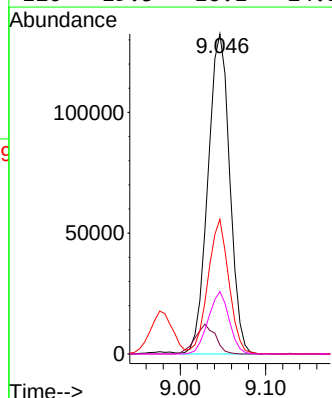
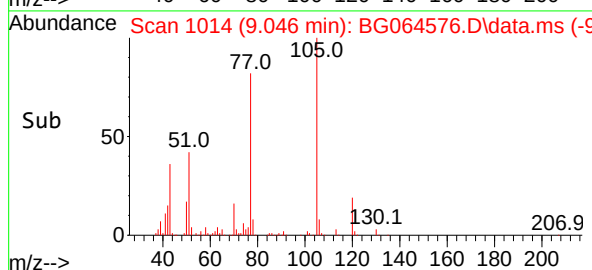
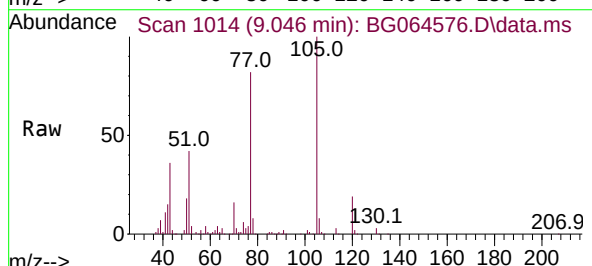
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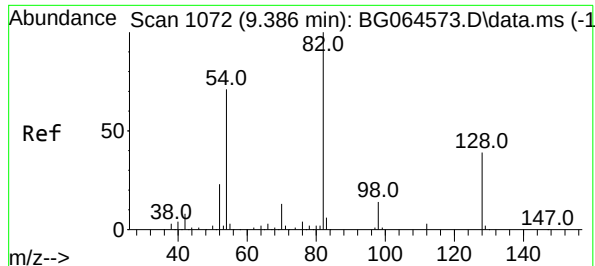
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 47.155 ng
RT: 9.046 min Scan# 1014
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:105 Resp: 234956
Ion Ratio Lower Upper
105 100
71 2.8 1.5 2.3#
51 42.1 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 106.847 ng

RT: 9.387 min Scan# 1072

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 324249

Ion Ratio Lower Upper

82 100

128 37.9 31.3 46.9

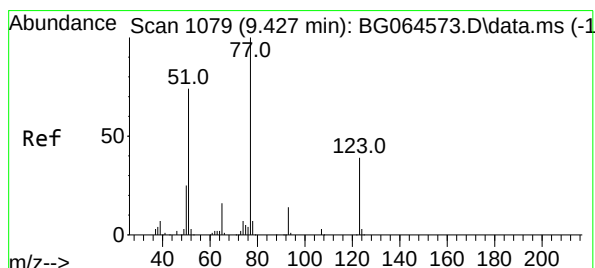
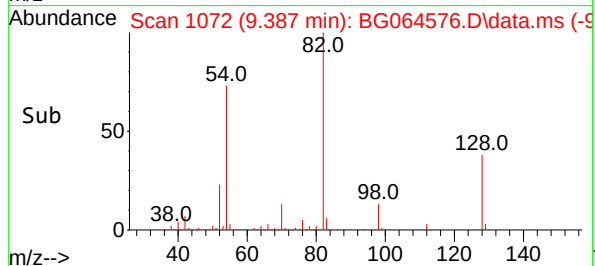
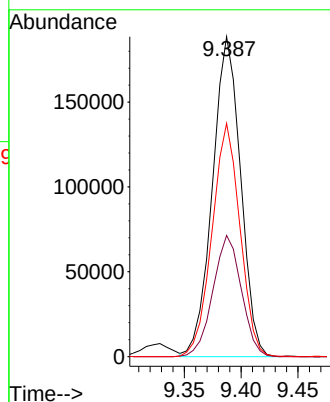
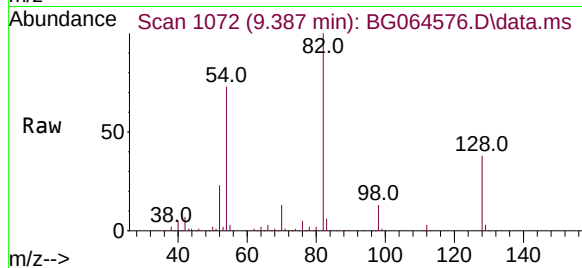
54 72.9 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 52.060 ng

RT: 9.428 min Scan# 1079

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

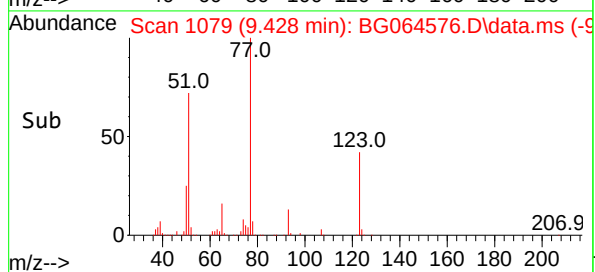
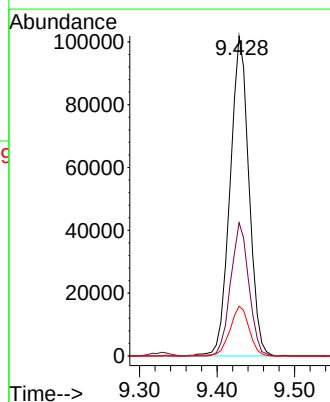
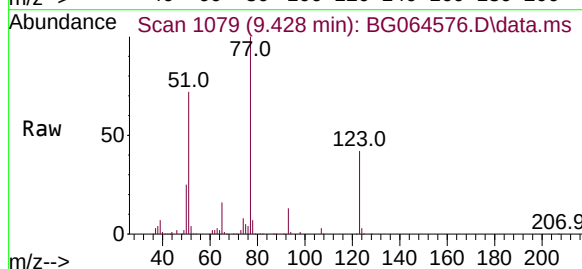
Tgt Ion: 77 Resp: 171837

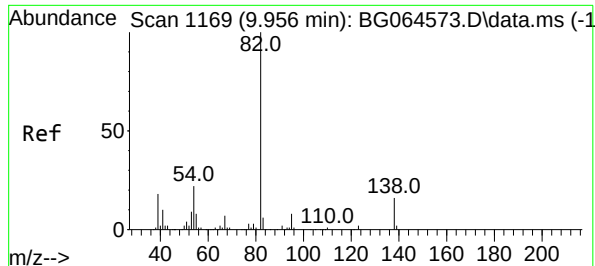
Ion Ratio Lower Upper

77 100

123 41.6 31.0 46.6

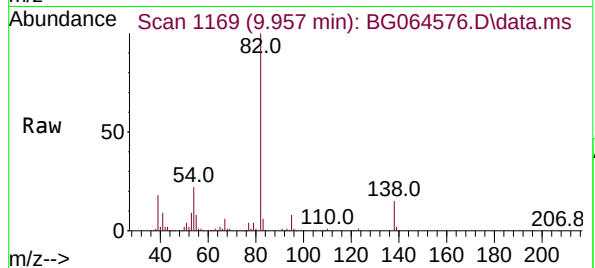
65 15.5 12.7 19.1





#25
Isophorone
Concen: 47.813 ng
RT: 9.957 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

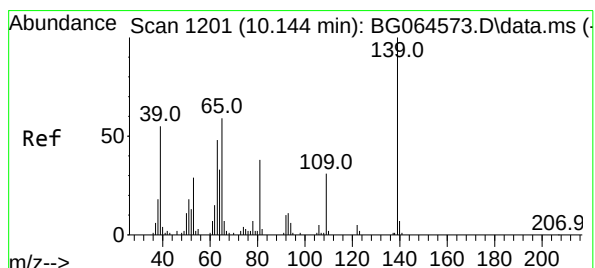
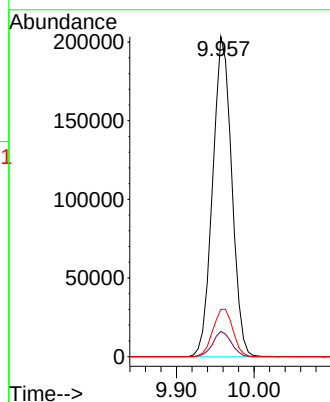
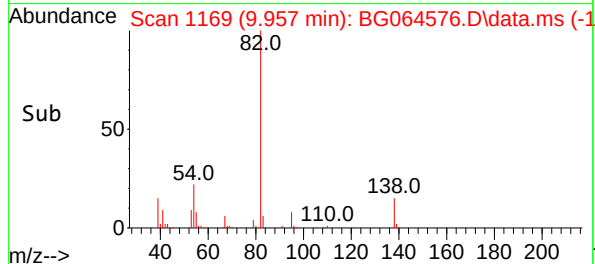
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



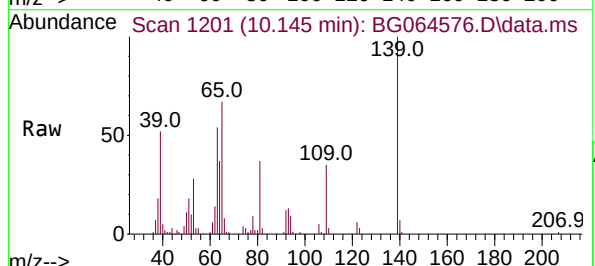
Tgt Ion: 82 Resp: 348174
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 14.8 13.0 19.4

Manual Integrations
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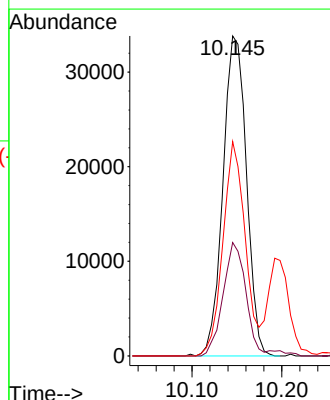
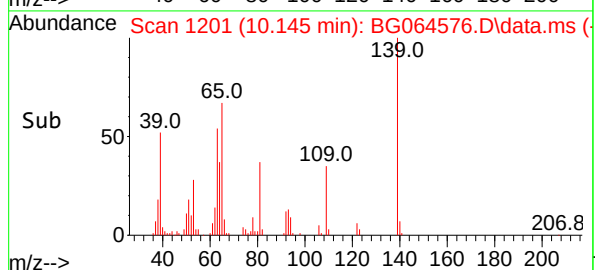
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

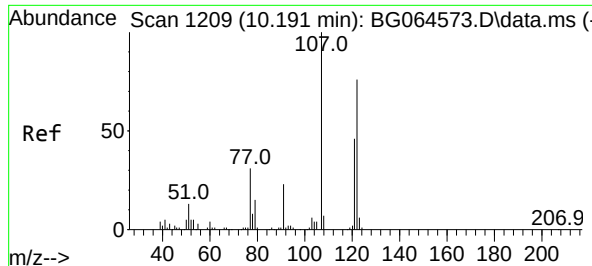


#26
2-Nitrophenol
Concen: 48.353 ng
RT: 10.145 min Scan# 1201
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:139 Resp: 61611
Ion Ratio Lower Upper
139 100
109 35.4 24.6 37.0
65 67.0 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 50.979 ng m

RT: 10.198 min Scan# 1209

Delta R.T. 0.003 min

Lab File: BG064576.D

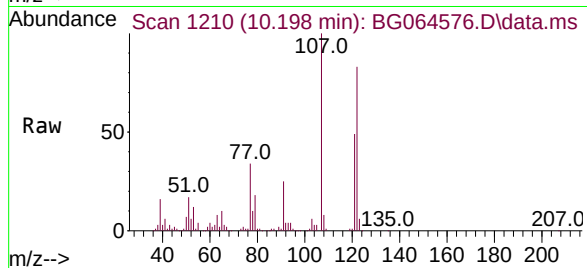
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 140852

Ion Ratio Lower Upper

122 100

107 121.2 103.0 154.4

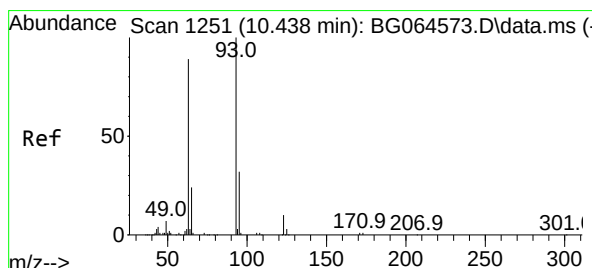
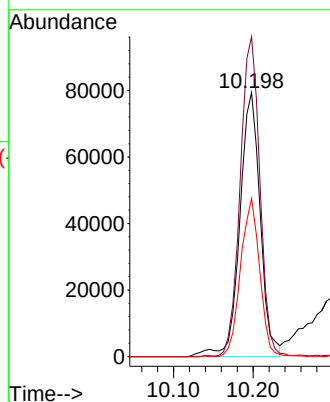
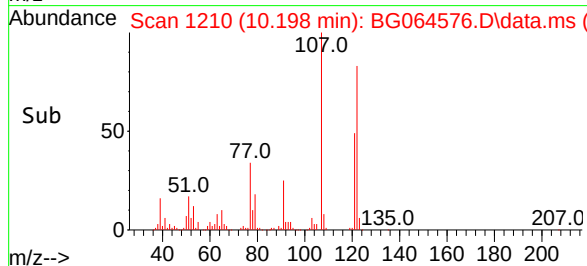
121 59.9 47.8 71.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.800 ng

RT: 10.439 min Scan# 1251

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

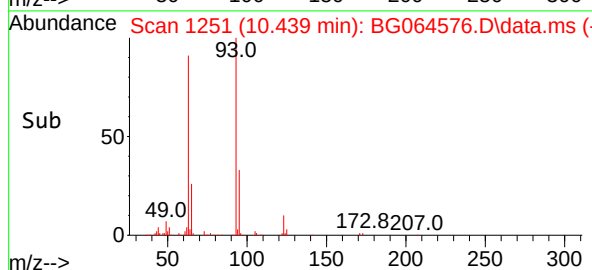
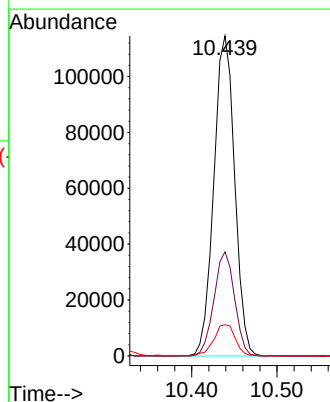
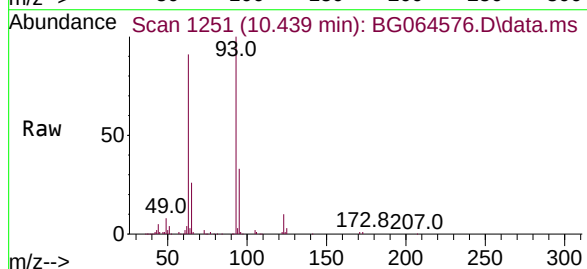
Tgt Ion: 93 Resp: 194038

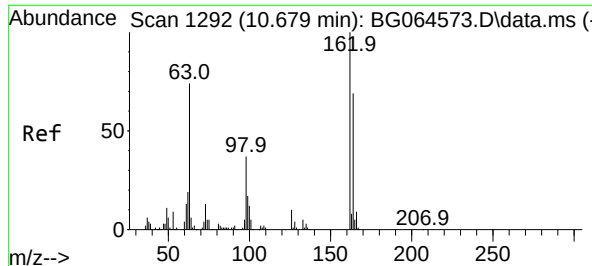
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.062 ng

RT: 10.680 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 148850

Ion Ratio Lower Upper

162 100

164 63.1 48.7 88.7

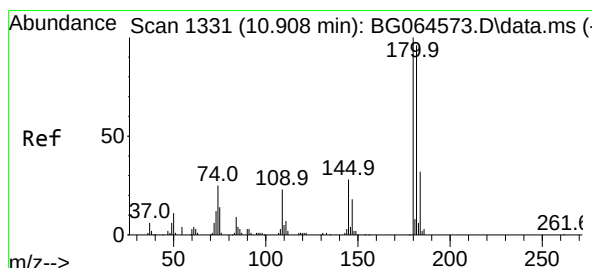
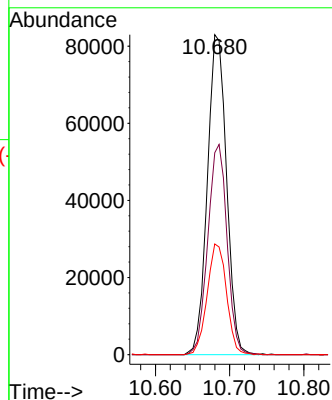
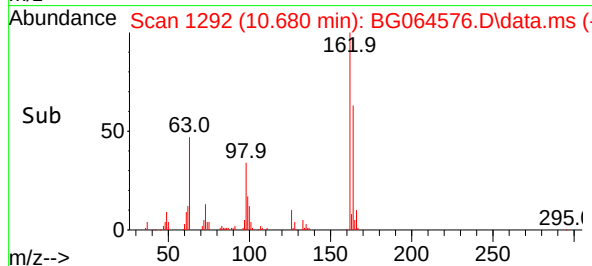
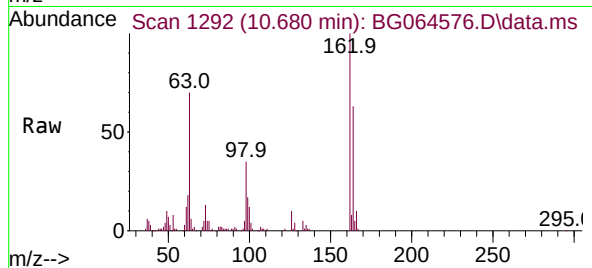
98 34.6 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.068 ng

RT: 10.909 min Scan# 1331

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

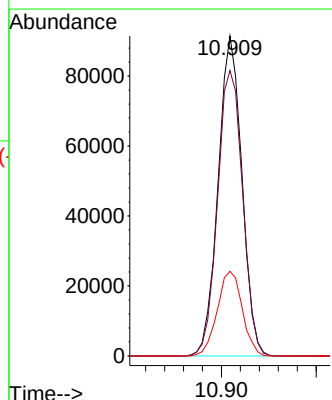
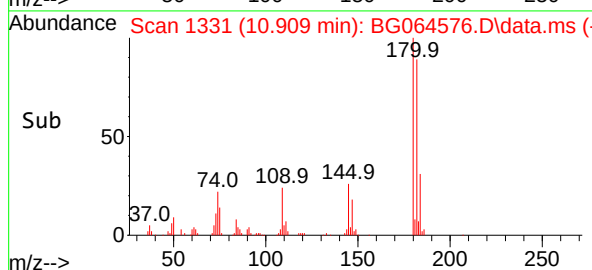
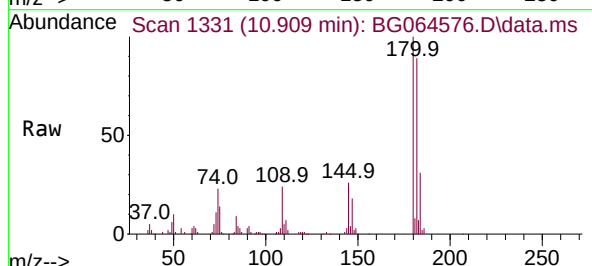
Tgt Ion:180 Resp: 159207

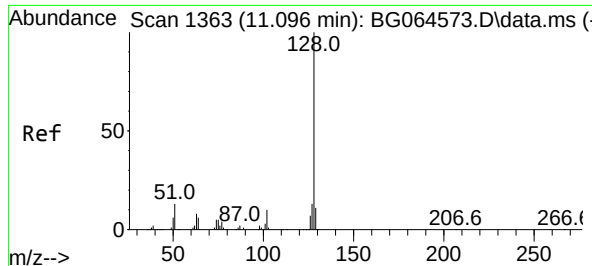
Ion Ratio Lower Upper

180 100

182 89.2 76.9 115.3

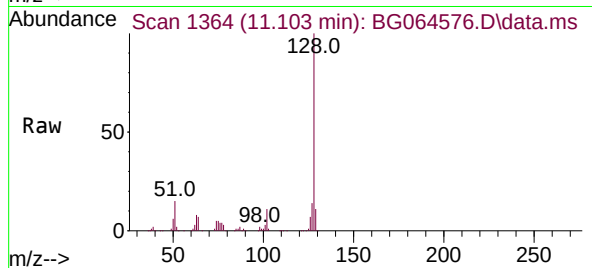
145 26.4 22.1 33.1





#31
Naphthalene
Concen: 46.695 ng
RT: 11.103 min Scan# 1363
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

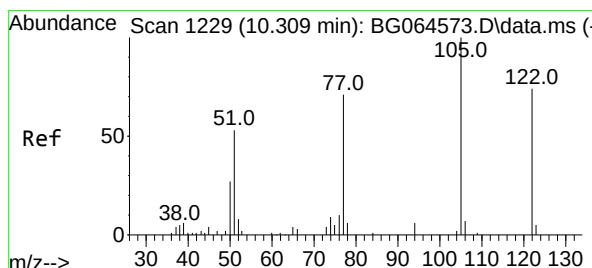
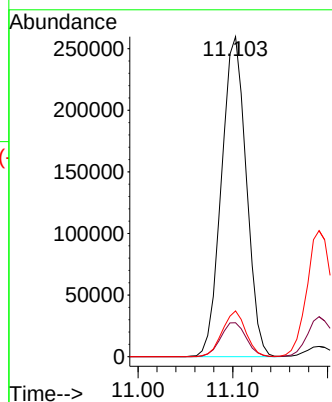
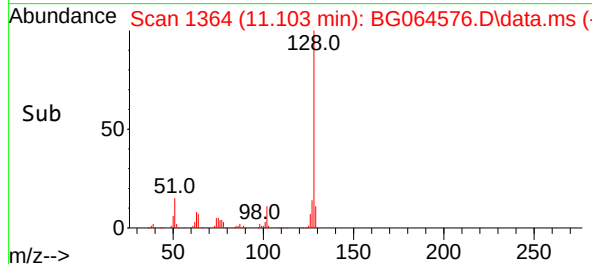
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 47189
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.3 10.6 15.8

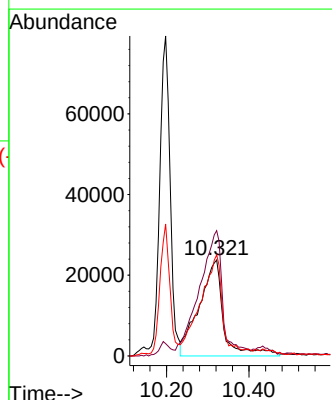
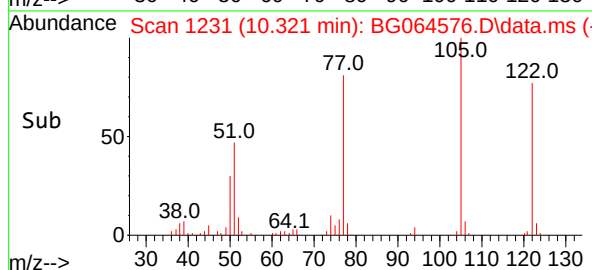
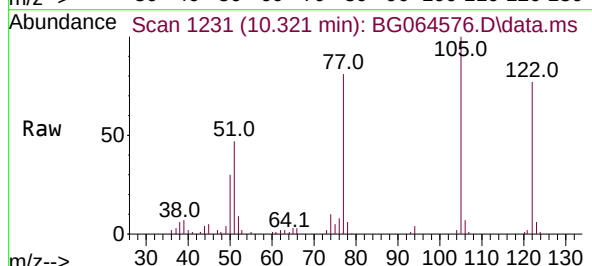
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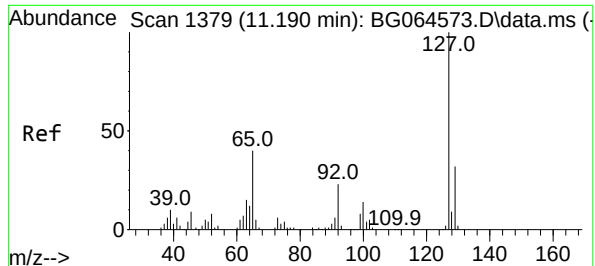
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 48.883 ng m
RT: 10.321 min Scan# 1231
Delta R.T. -0.021 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

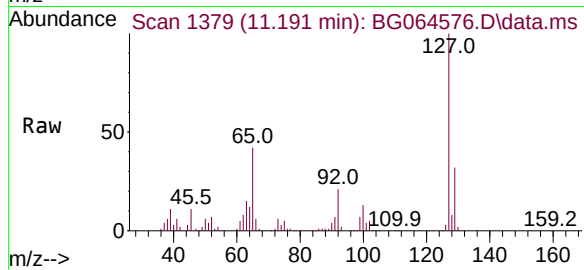
Tgt Ion:122 Resp: 97652
Ion Ratio Lower Upper
122 100
105 130.6 104.2 144.2
77 105.4 70.2 110.2





#33
4-Chloroaniline
Concen: 47.560 ng
RT: 11.191 min Scan# 1379
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

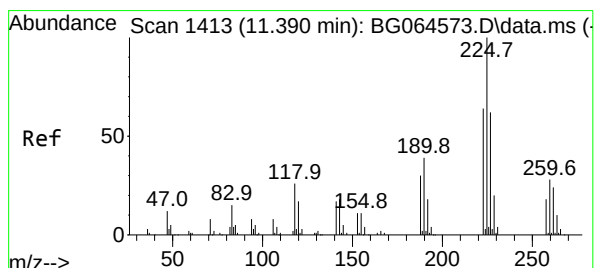
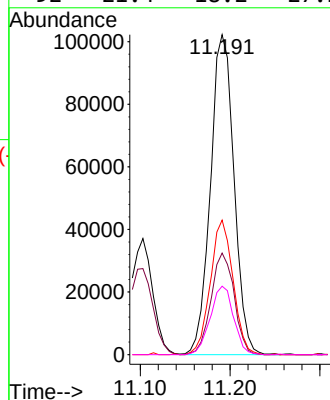
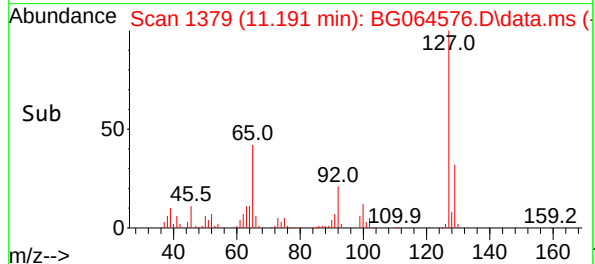
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



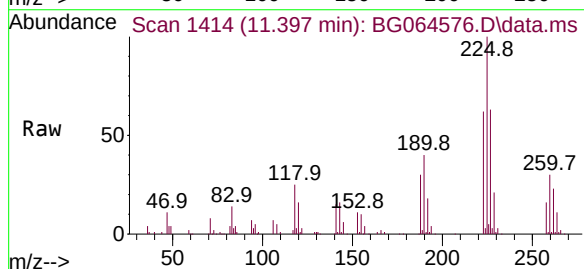
Tgt Ion:127 Resp: 186814
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 42.0 32.2 48.4
92 21.4 18.2 27.2

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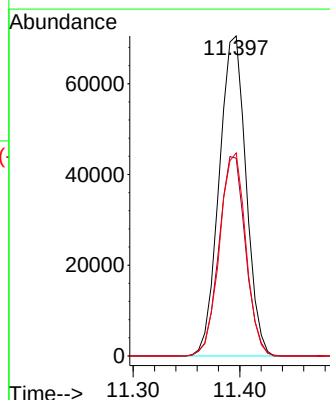
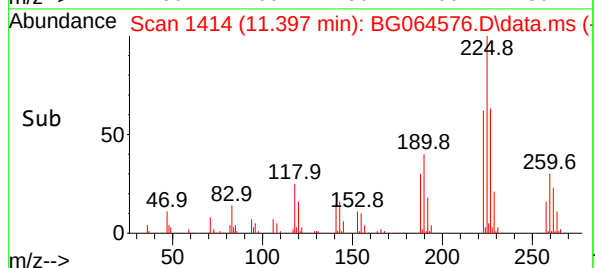
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

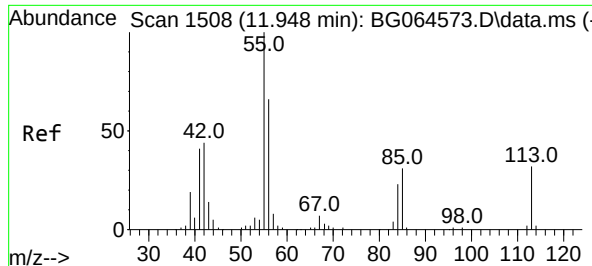


#34
Hexachlorobutadiene
Concen: 47.716 ng
RT: 11.397 min Scan# 1414
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:225 Resp: 123596
Ion Ratio Lower Upper
225 100
223 59.0 48.8 73.2
227 63.1 49.5 74.3





#35
Caprolactam
Concen: 48.020 ng
RT: 11.961 min Scan# 1510
Delta R.T. -0.014 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

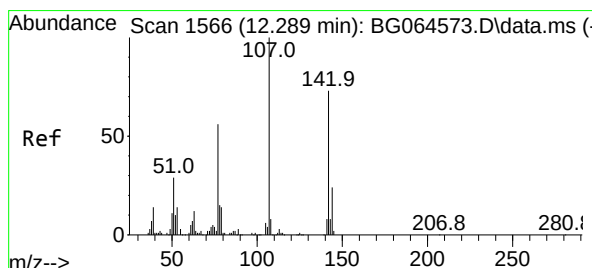
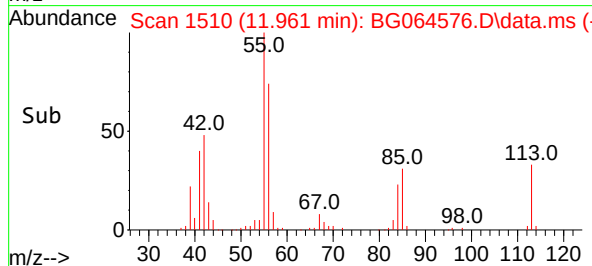
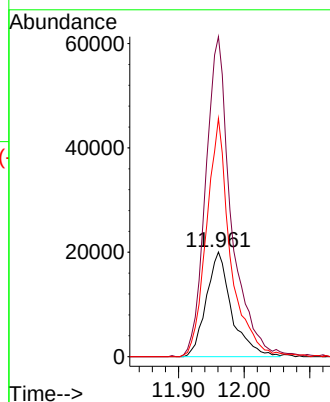
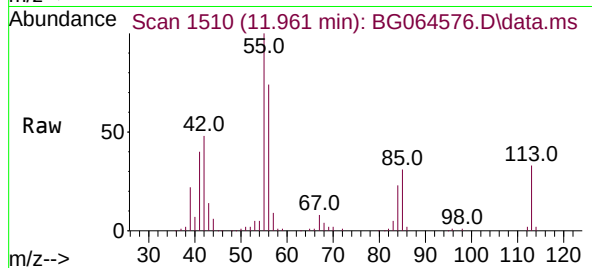
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	305.8	290.1	330.1
56	227.6	183.8	223.8

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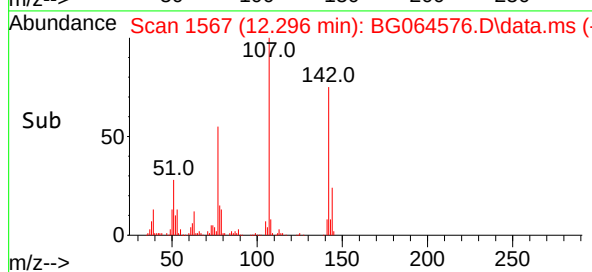
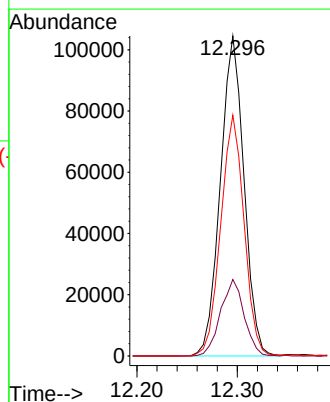
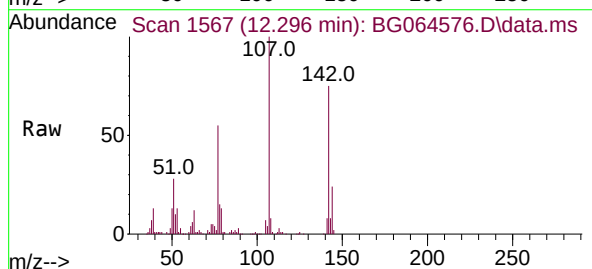
APPROVED

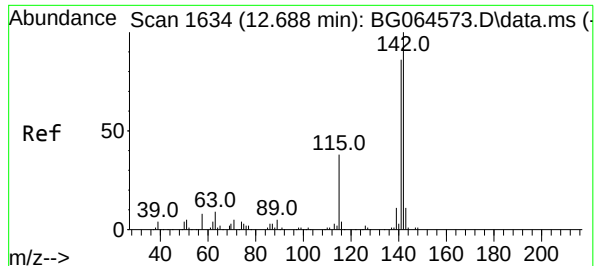
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 12.296 min Scan# 1567
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

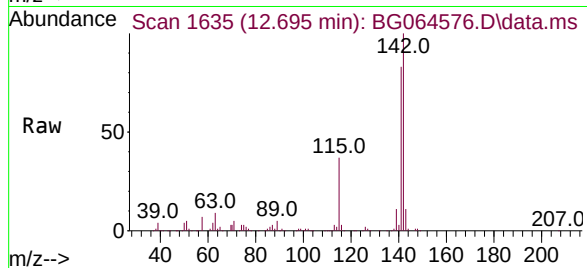
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.1	28.7
142	75.2	58.6	87.8





#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 12.695 min Scan# 1635
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

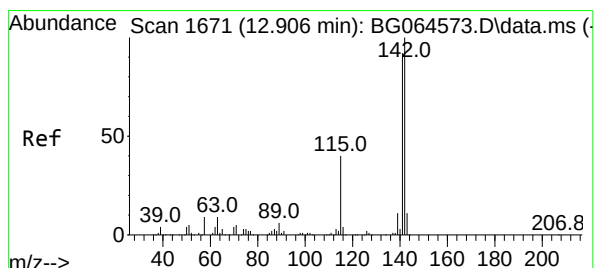
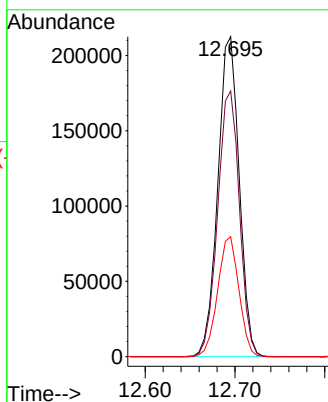
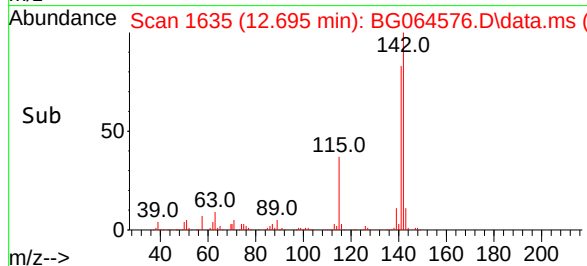
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



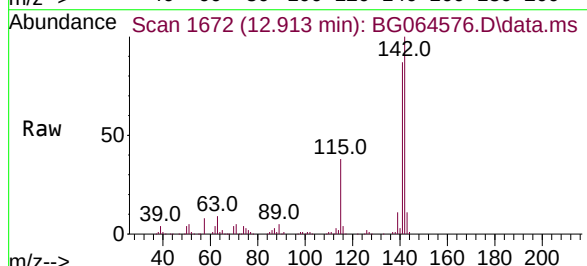
Tgt Ion:142 Resp: 351946
Ion Ratio Lower Upper
142 100
141 83.0 68.9 103.3
115 37.5 30.6 46.0

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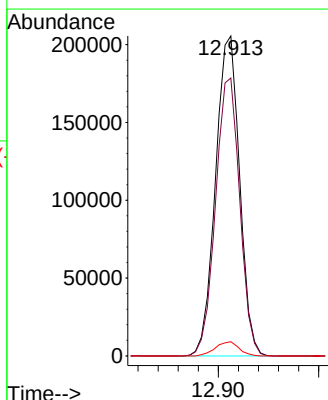
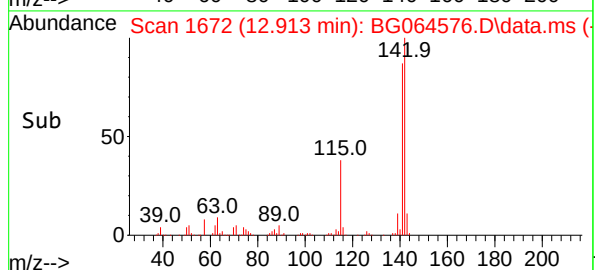
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

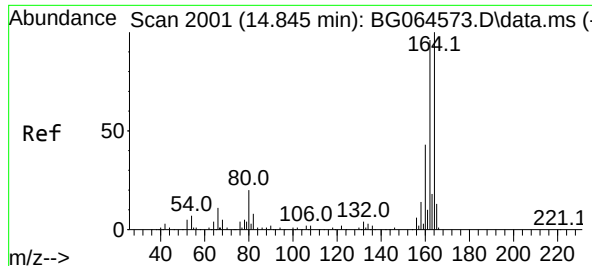


#38
1-Methylnaphthalene
Concen: 46.939 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:142 Resp: 342687
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.846 min Scan# 2001

Delta R.T. 0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 142032

Ion Ratio Lower Upper

164 100

162 101.1 77.0 115.6

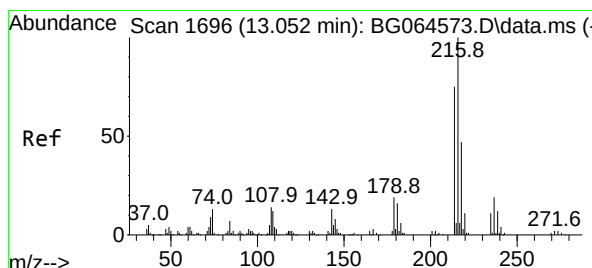
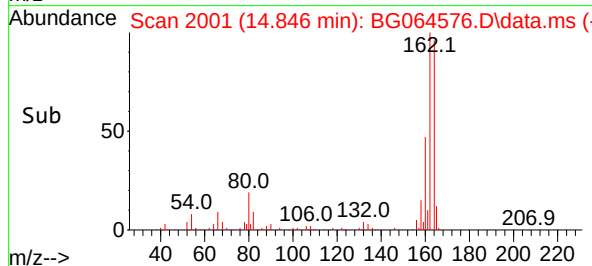
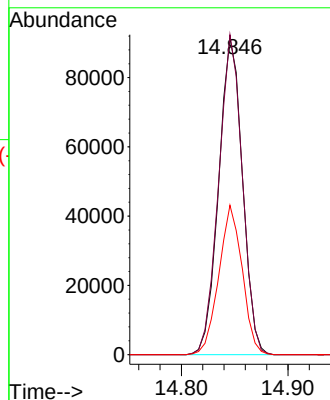
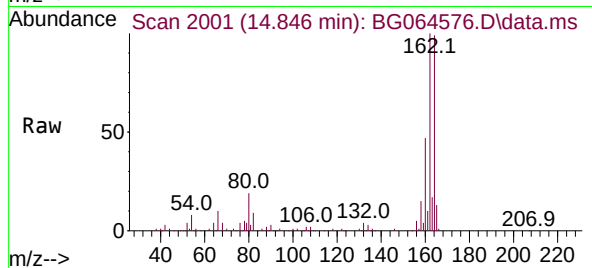
160 47.2 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.131 ng

RT: 13.054 min Scan# 1696

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Tgt Ion:216 Resp: 224658

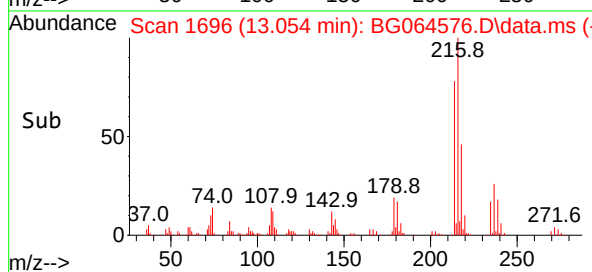
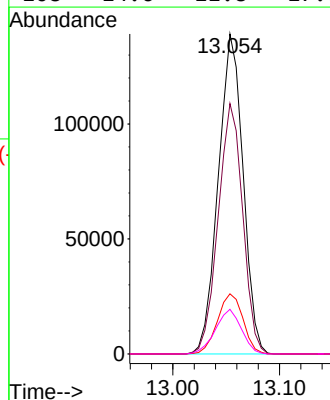
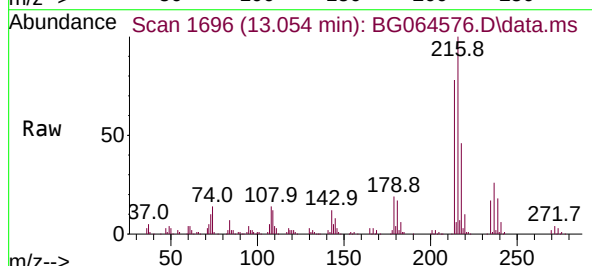
Ion Ratio Lower Upper

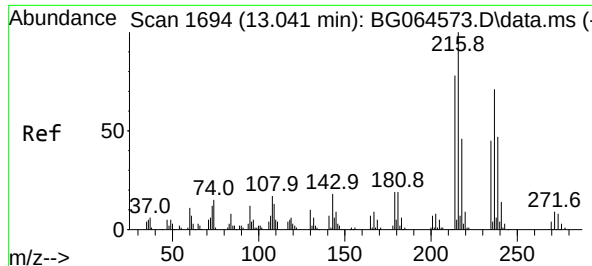
216 100

214 77.5 61.4 92.2

179 19.4 15.4 23.0

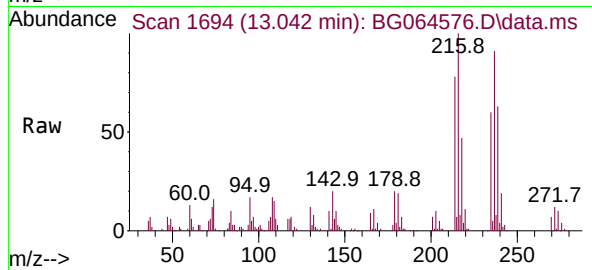
108 14.6 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 49.131 ng
RT: 13.042 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

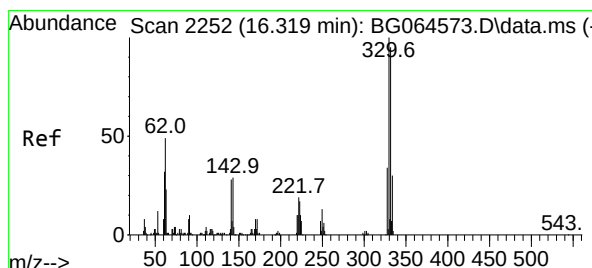
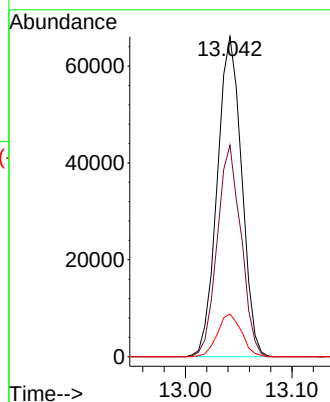
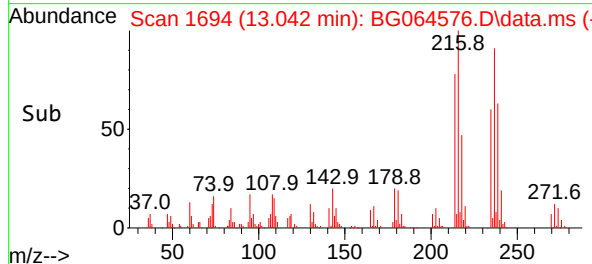
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:237 Resp: 10541
Ion Ratio Lower Upper
237 100
235 66.1 44.1 84.1
272 13.3 0.0 32.4

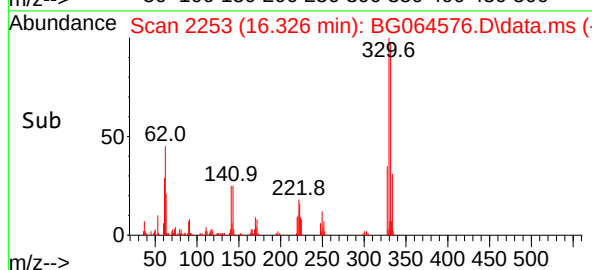
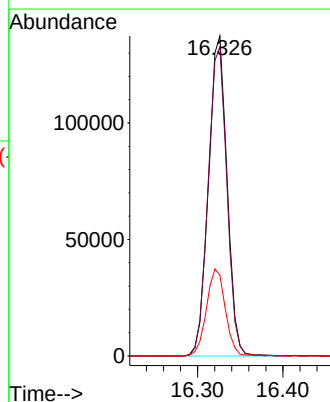
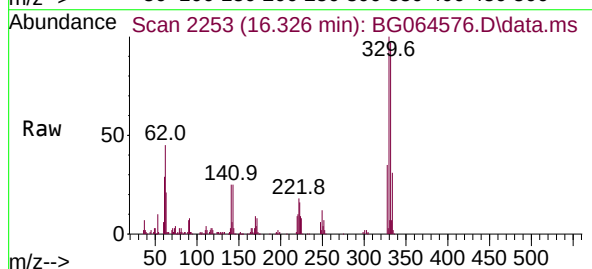
Manual Integrations
APPROVED

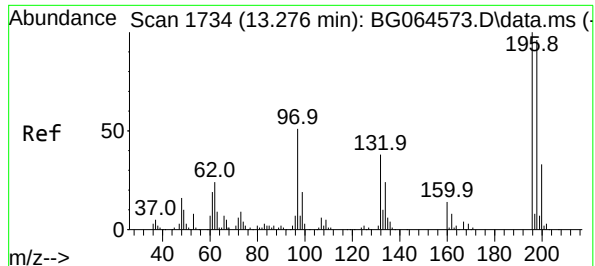
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#42
2,4,6-Tribromophenol
Concen: 101.122 ng
RT: 16.326 min Scan# 2253
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:330 Resp: 207294
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 27.6 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 51.898 ng

RT: 13.283 min Scan# 1735

Delta R.T. 0.003 min

Lab File: BG064576.D

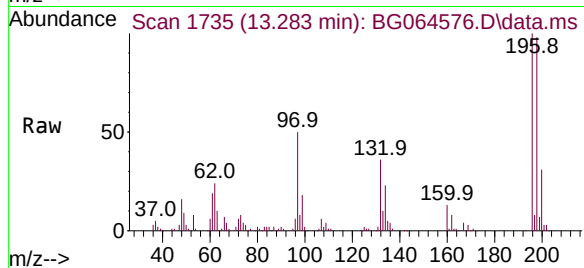
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



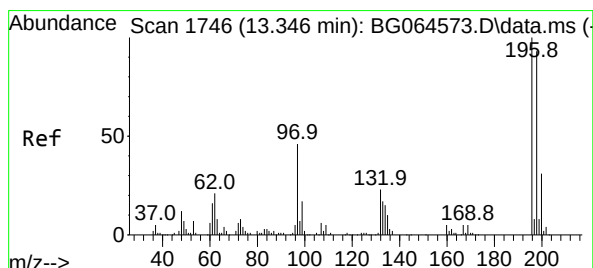
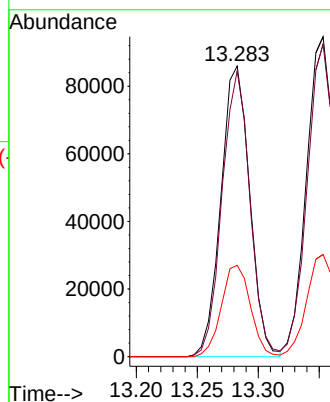
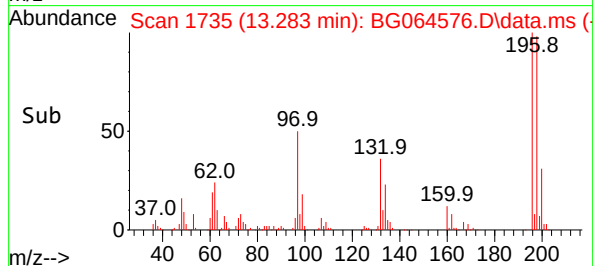
Tgt Ion:196	Resp:	141505
Ion Ratio	Lower	Upper
196	100	
198	98.3	76.6 115.0
200	31.4	26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#44

2,4,5-Trichlorophenol

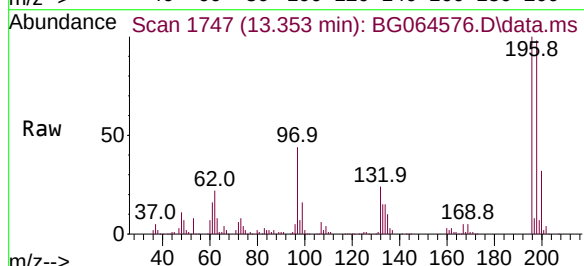
Concen: 49.997 ng

RT: 13.353 min Scan# 1747

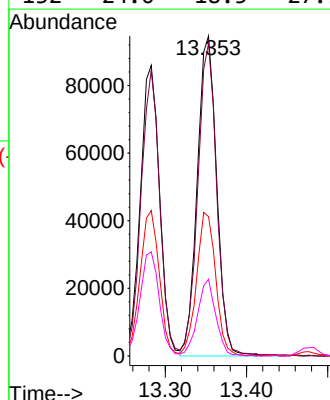
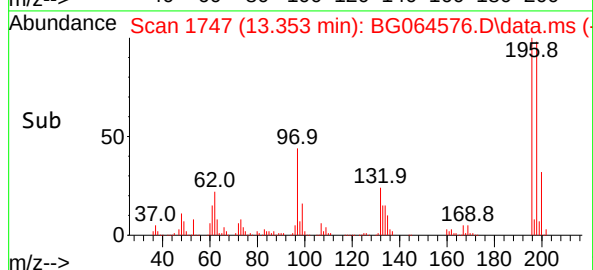
Delta R.T. 0.003 min

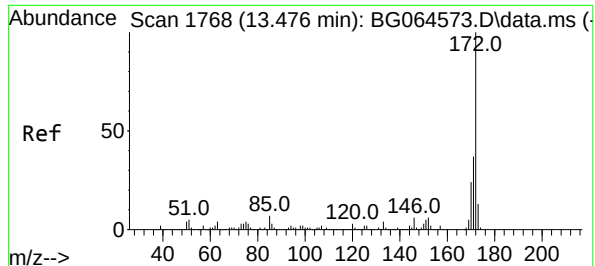
Lab File: BG064576.D

Acq: 24 Oct 2025 15:32



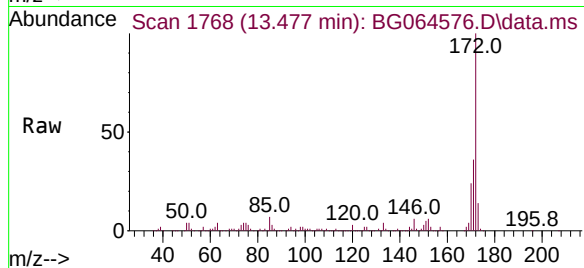
Tgt Ion:196	Resp:	157315
Ion Ratio	Lower	Upper
196	100	
198	97.6	74.2 111.4
97	43.5	37.0 55.6
132	24.0	18.5 27.7





#45
2-Fluorobiphenyl
Concen: 93.626 ng
RT: 13.477 min Scan# 1768
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

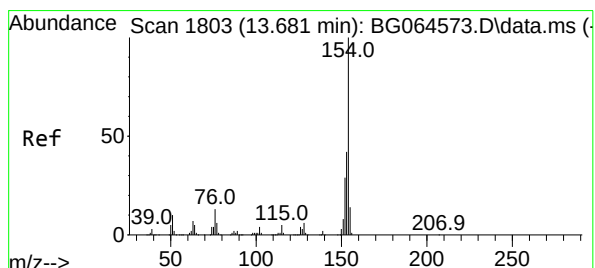
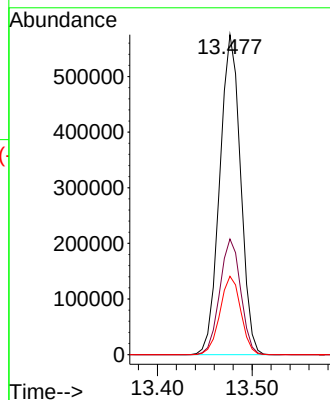
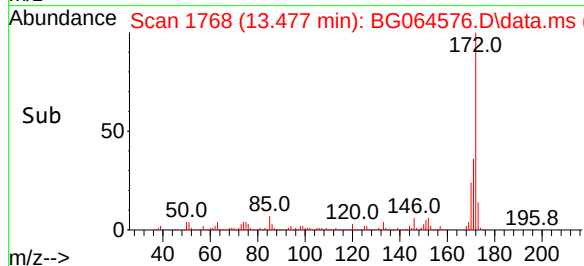
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



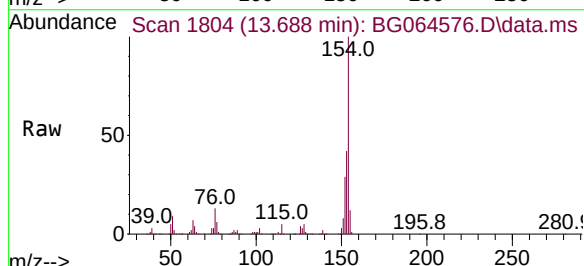
Tgt Ion:172 Resp: 877315
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.5 19.1 28.7

Manual Integrations
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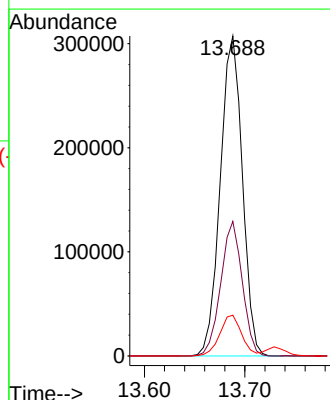
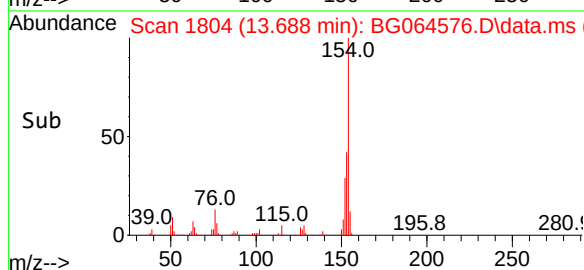
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

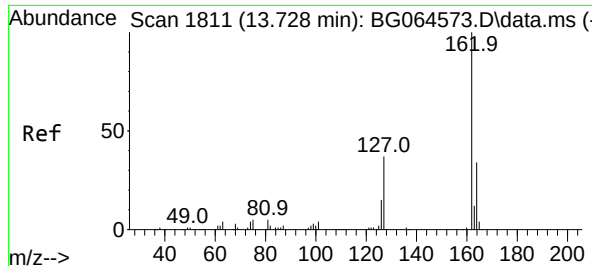


#46
1,1'-Biphenyl
Concen: 46.613 ng
RT: 13.688 min Scan# 1804
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



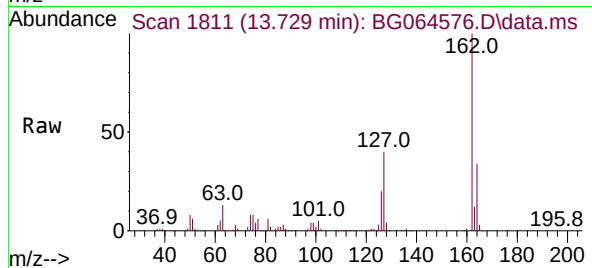
Tgt Ion:154 Resp: 470676
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 12.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 47.208 ng
RT: 13.729 min Scan# 1811
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

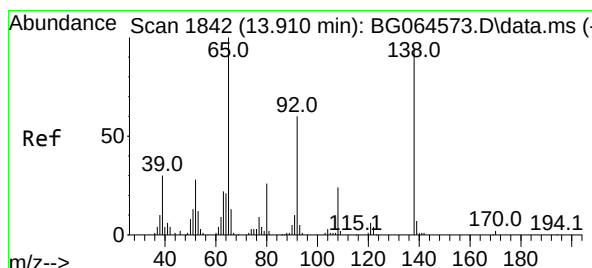
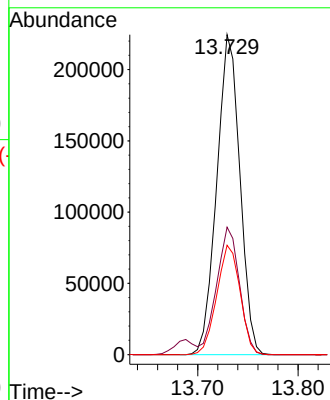
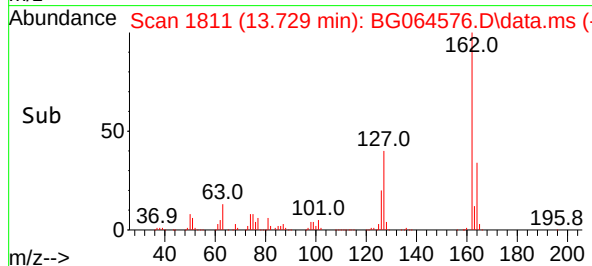
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



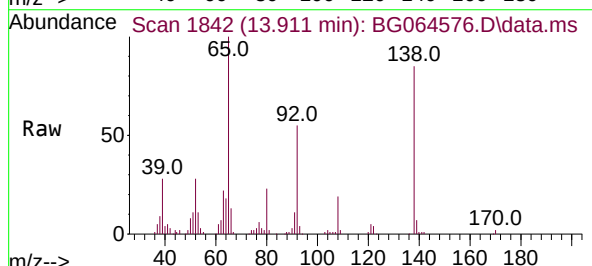
Tgt Ion:162 Resp: 359811
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 34.2 27.5 41.3

Manual Integrations
APPROVED

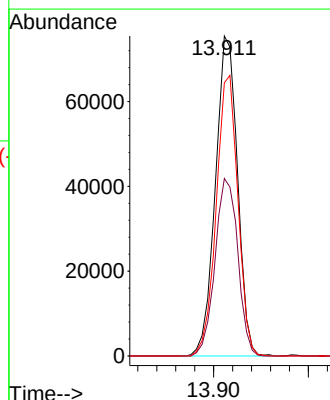
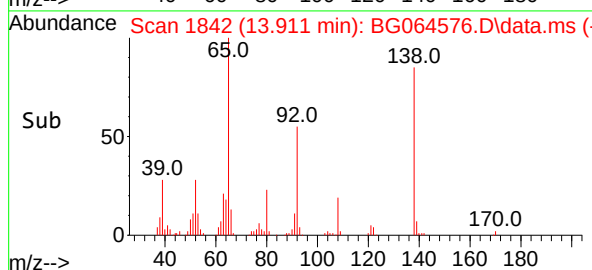
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

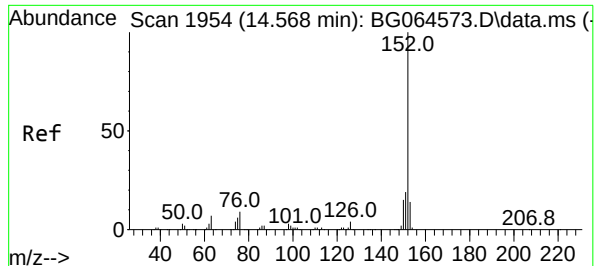


#48
2-Nitroaniline
Concen: 47.668 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



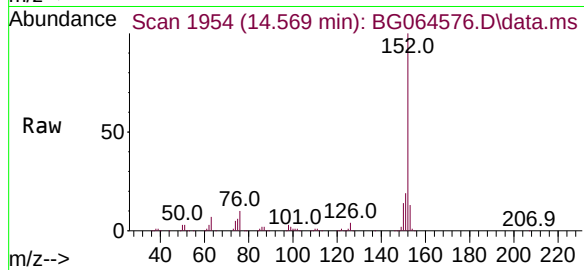
Tgt Ion: 65 Resp: 121908
Ion Ratio Lower Upper
65 100
92 55.4 48.3 72.5
138 85.4 74.9 112.3





#49
Acenaphthylene
Concen: 47.060 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

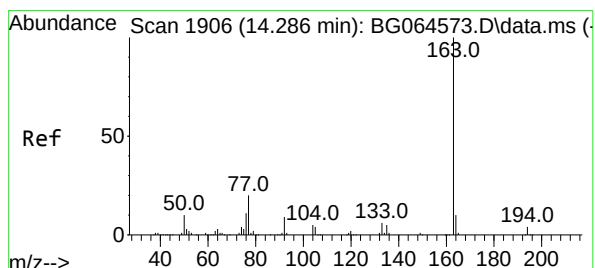
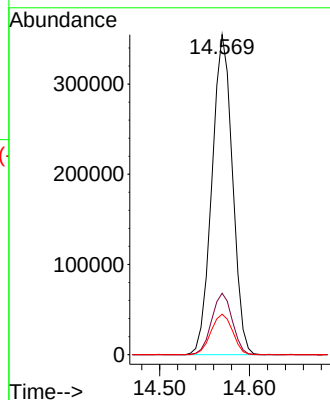
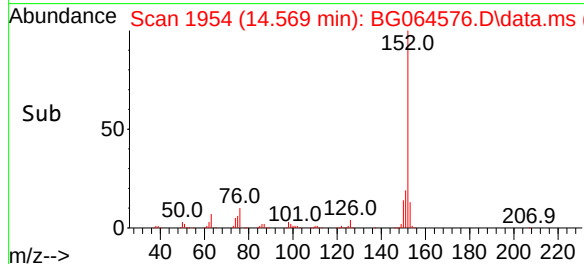
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



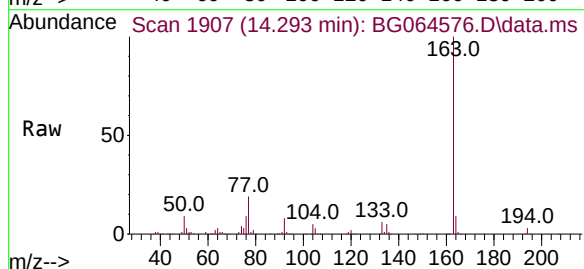
Tgt Ion:152 Resp: 56577
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 12.6 11.0 16.4

Manual Integrations
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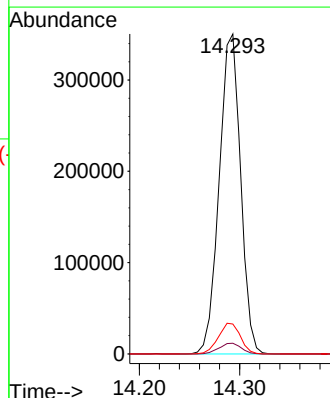
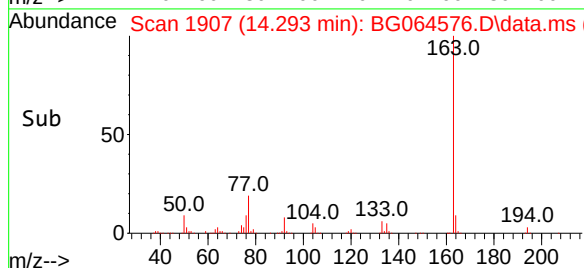
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

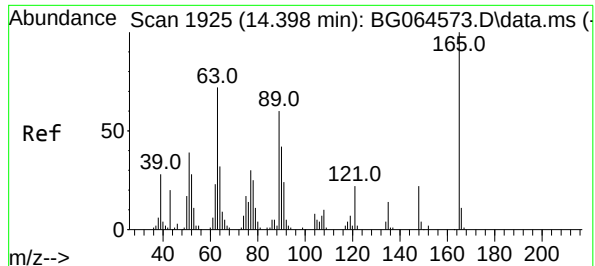


#50
Dimethylphthalate
Concen: 47.781 ng
RT: 14.293 min Scan# 1907
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



Tgt Ion:163 Resp: 519303
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.3 7.7 11.5





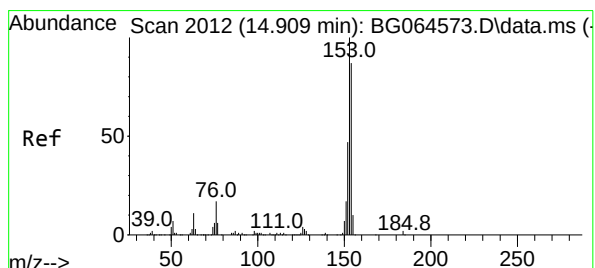
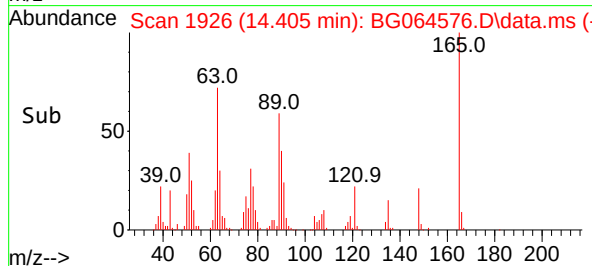
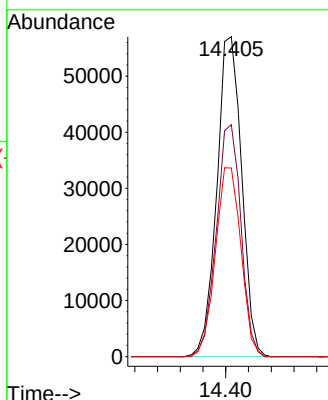
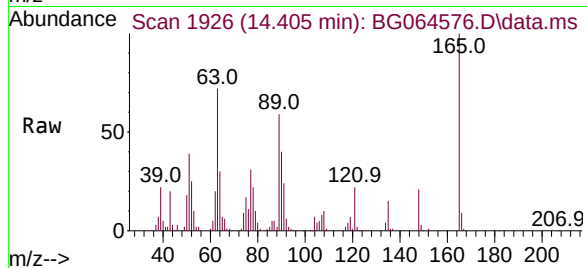
#51
2,6-Dinitrotoluene
Concen: 48.306 ng
RT: 14.405 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 86665
Ion Ratio Lower Upper
165 100
63 72.5 57.4 86.0
89 58.9 47.8 71.8

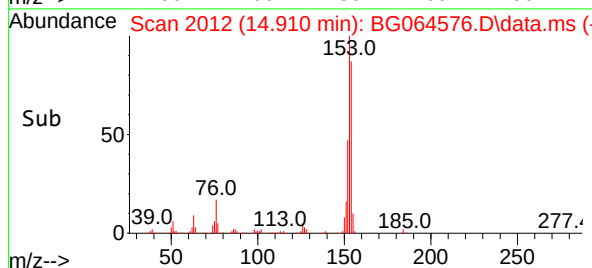
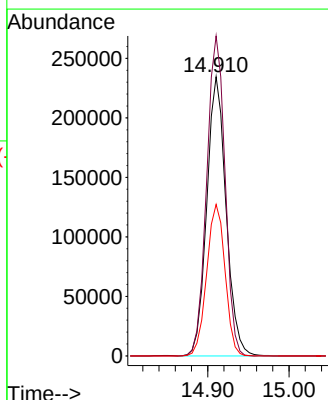
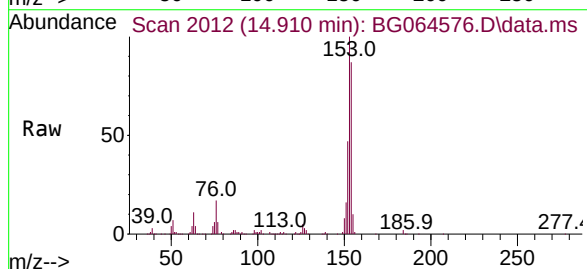
Manual Integrations
APPROVED

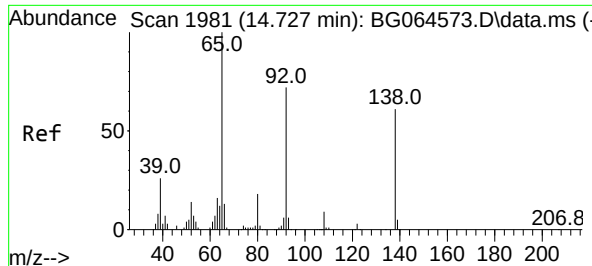
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#52
Acenaphthene
Concen: 47.239 ng
RT: 14.910 min Scan# 2012
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

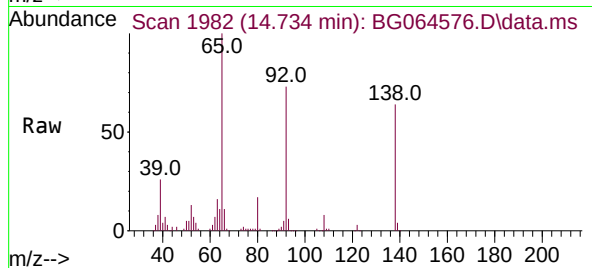
Tgt Ion:154 Resp: 388012
Ion Ratio Lower Upper
154 100
153 114.6 92.2 138.4
152 54.3 43.2 64.8





#53
3-Nitroaniline
Concen: 53.405 ng
RT: 14.734 min Scan# 1981
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

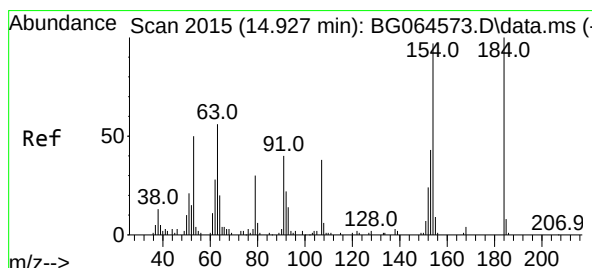
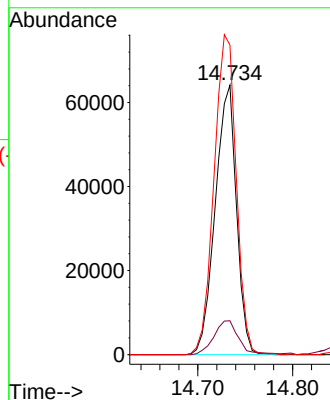
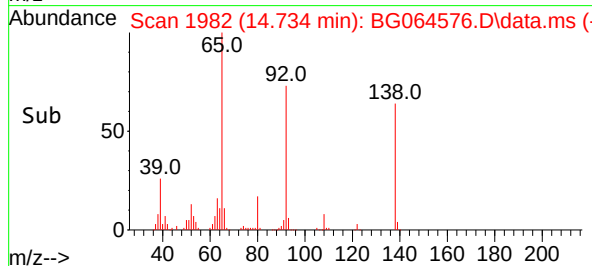
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 99748
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 114.8 95.3 142.9

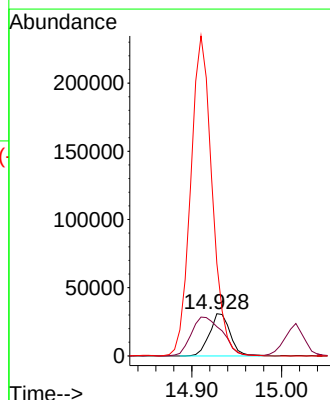
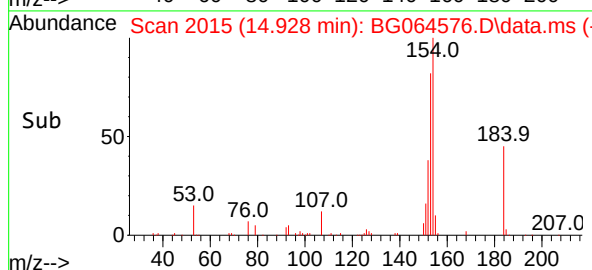
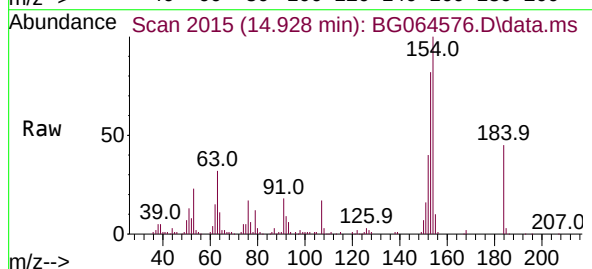
Manual Integrations
APPROVED

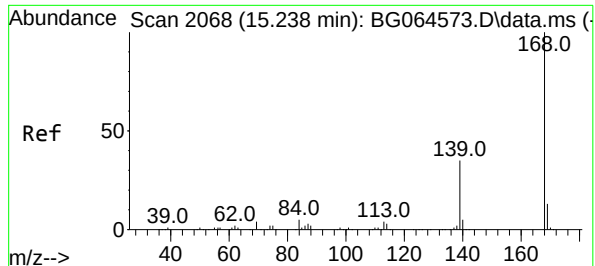
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#54
2,4-Dinitrophenol
Concen: 47.268 ng
RT: 14.928 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

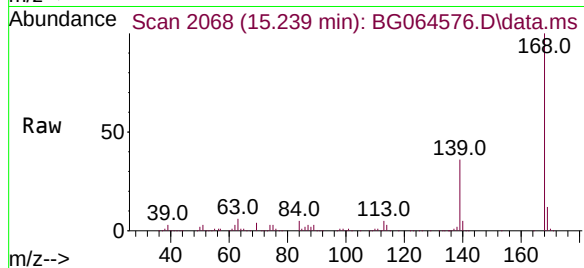
Tgt Ion:184 Resp: 49318
Ion Ratio Lower Upper
184 100
63 69.5 56.6 85.0
154 219.8 158.6 238.0





#55
Dibenzenofuran
Concen: 46.355 ng
RT: 15.239 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

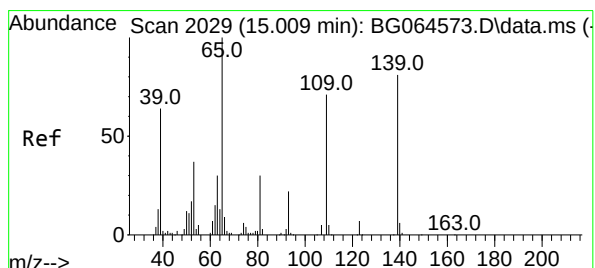
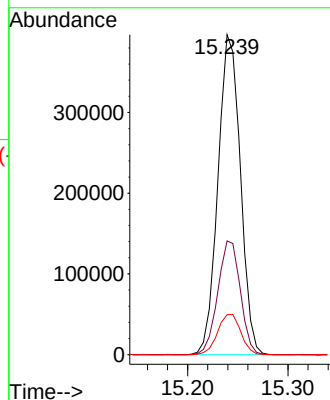
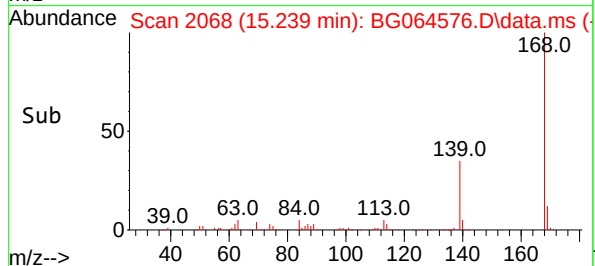
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 61555
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.5 10.3 15.5

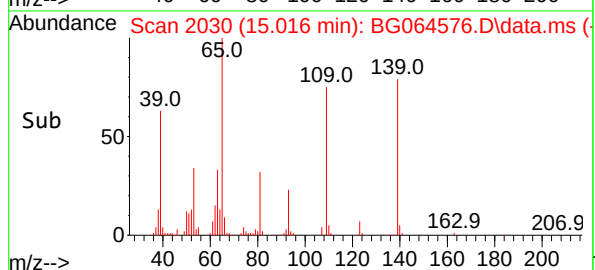
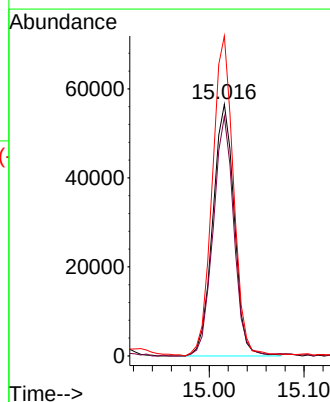
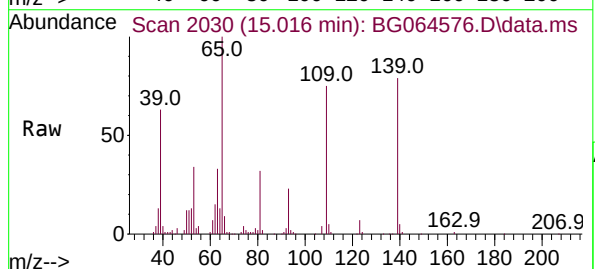
Manual Integrations
APPROVED

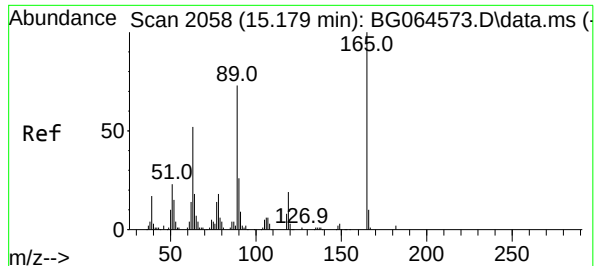
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#56
4-Nitrophenol
Concen: 51.169 ng
RT: 15.016 min Scan# 2030
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

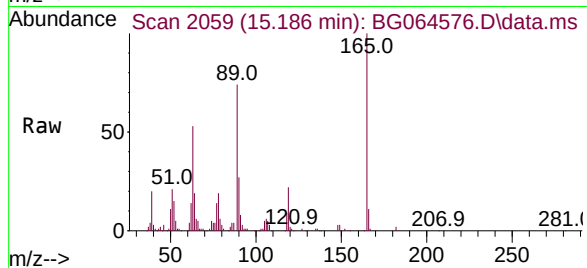
Tgt Ion:139 Resp: 88609
Ion Ratio Lower Upper
139 100
109 95.2 67.8 107.8
65 127.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 47.759 ng
RT: 15.186 min Scan# 2058
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

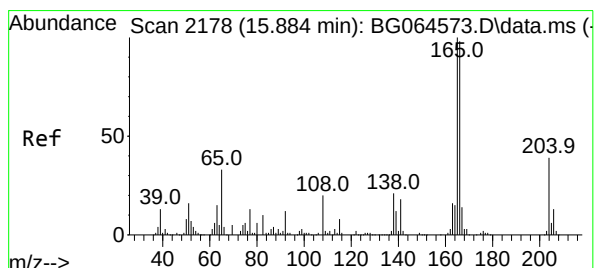
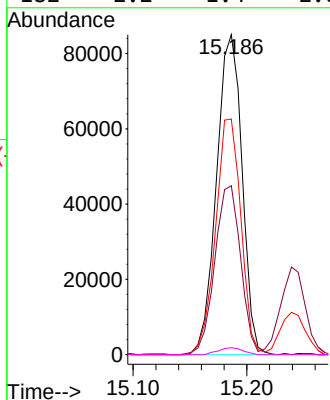
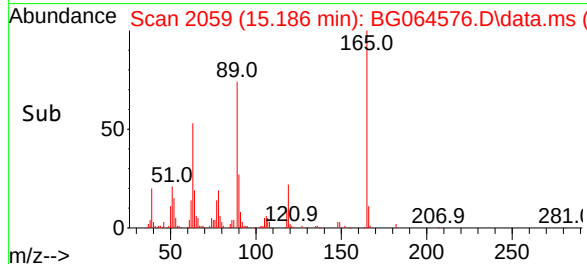
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 132374
Ion Ratio Lower Upper
165 100
63 52.8 41.8 62.8
89 73.6 58.1 87.1
182 2.2 1.4 2.0#

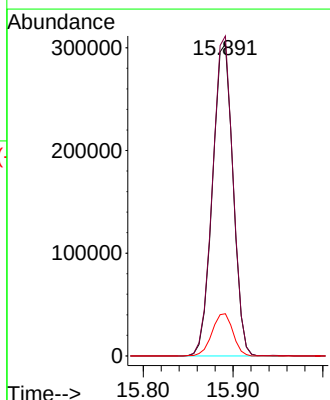
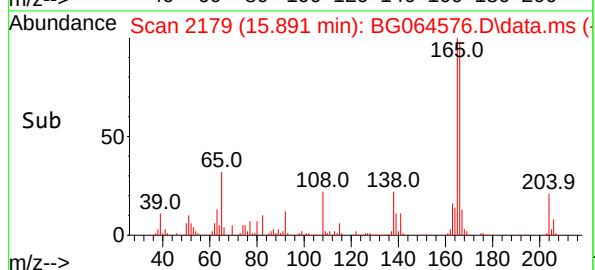
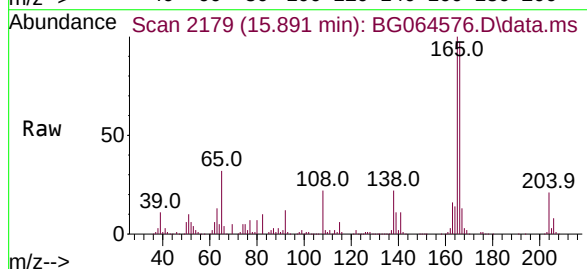
Manual Integrations
APPROVED

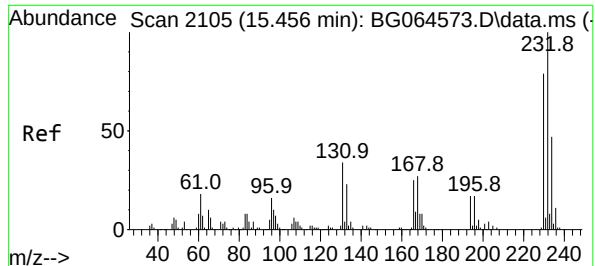
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#58
Fluorene
Concen: 46.441 ng
RT: 15.891 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

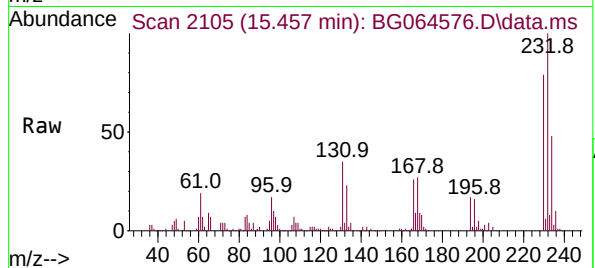
Tgt Ion:166 Resp: 481625
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 15.457 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

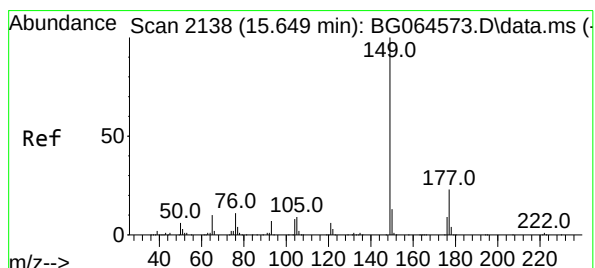
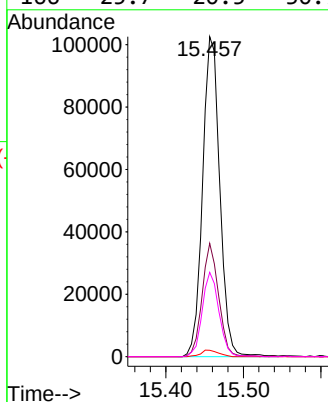
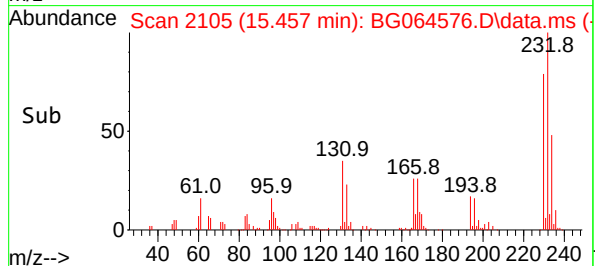
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 157783
Ion Ratio Lower Upper
232 100
131 33.9 26.7 40.1
130 2.1 1.6 2.4
166 25.7 20.5 30.7

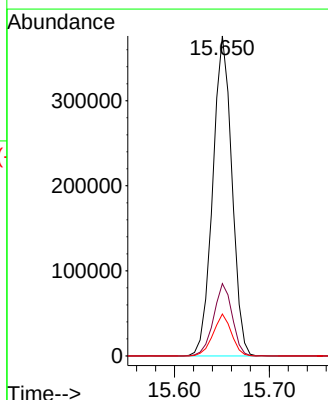
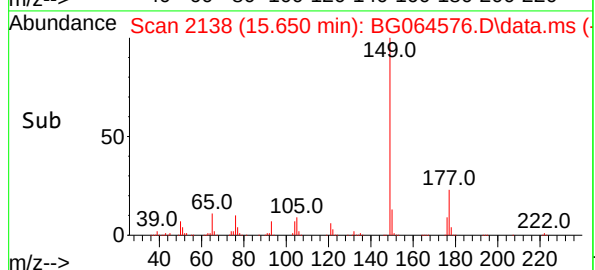
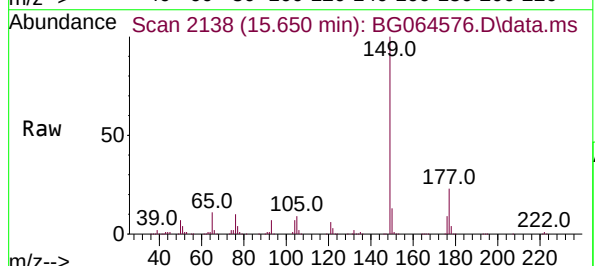
Manual Integrations
APPROVED

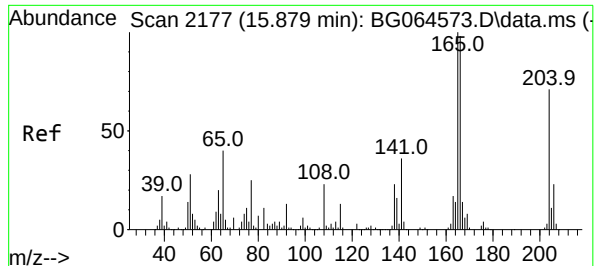
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#60
Diethylphthalate
Concen: 47.543 ng
RT: 15.650 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

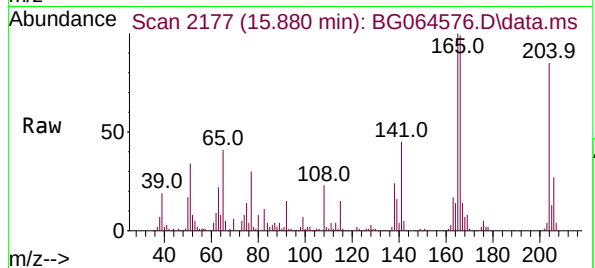
Tgt Ion:149 Resp: 527594
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.576 ng
RT: 15.880 min Scan# 2177
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

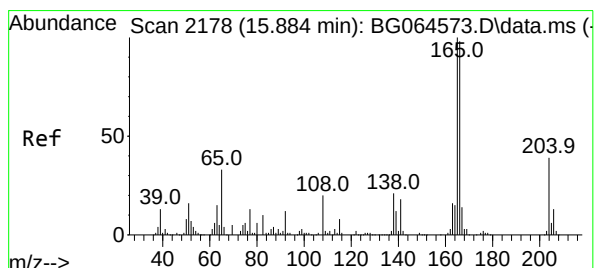
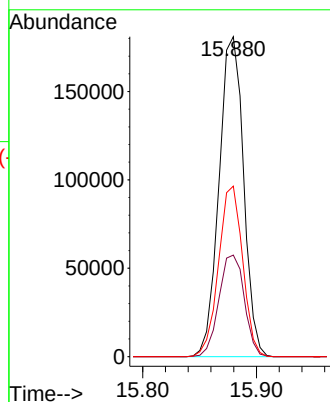
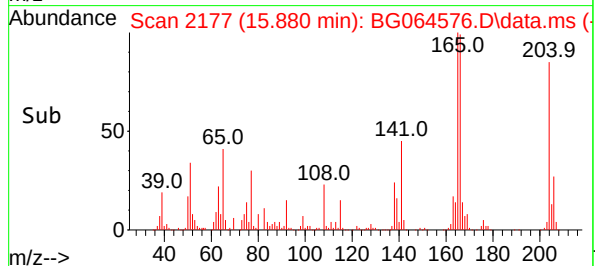
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 271068
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 53.3 40.6 60.8

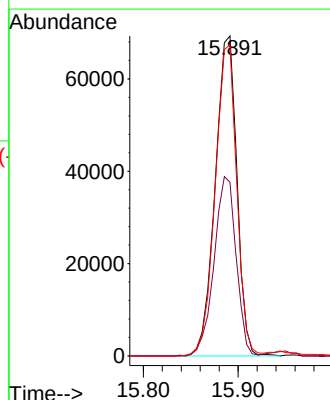
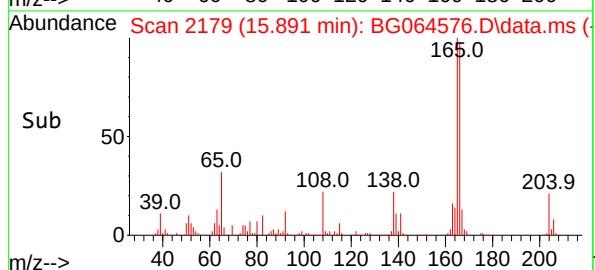
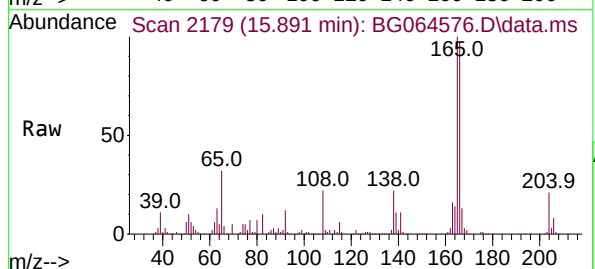
Manual Integrations
APPROVED

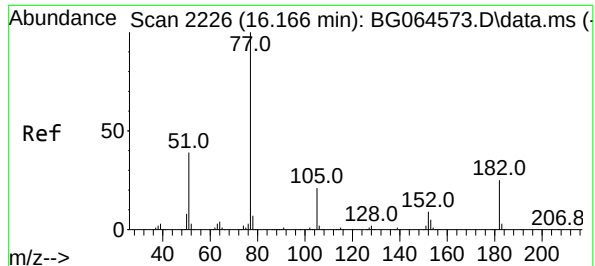
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#62
4-Nitroaniline
Concen: 52.970 ng
RT: 15.891 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:138 Resp: 110067
Ion Ratio Lower Upper
138 100
92 54.3 36.1 76.1
108 97.2 75.6 115.6





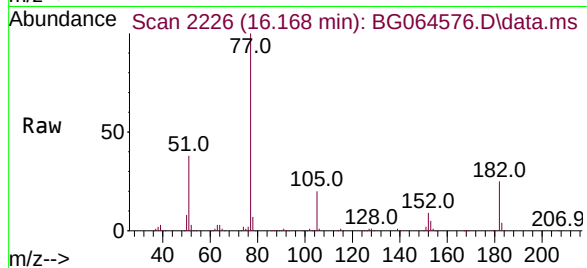
#63
Azobenzene
Concen: 46.671 ng
RT: 16.168 min Scan# 2226
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

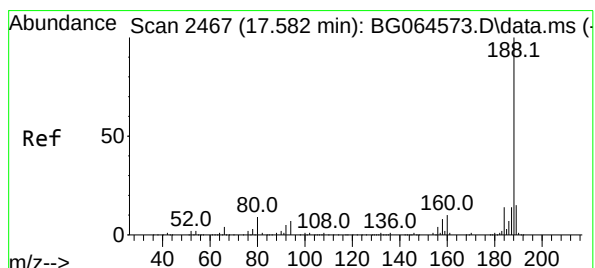
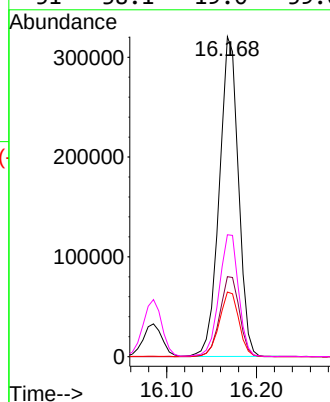
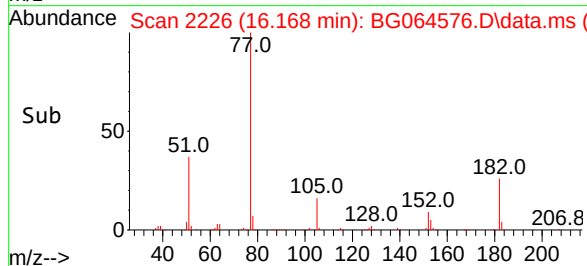


Tgt Ion: 77 Resp: 475203
Ion Ratio Lower Upper
77 100
182 25.0 4.9 44.9
105 20.2 1.3 41.3
51 38.1 19.0 59.0

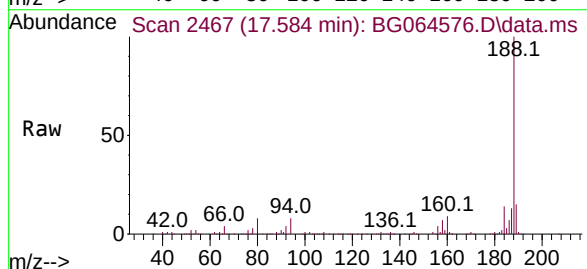
Manual Integrations

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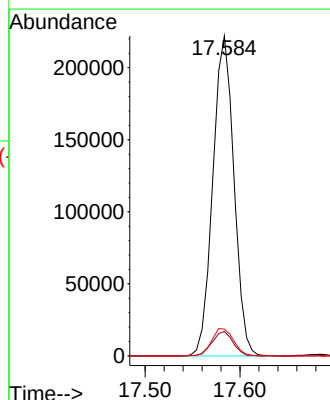
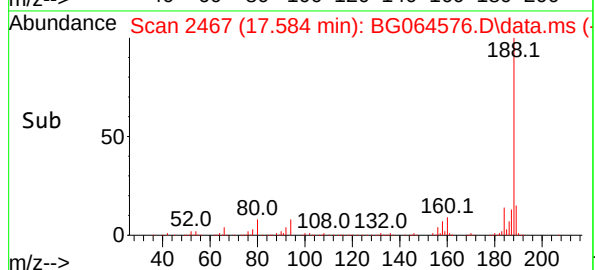
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

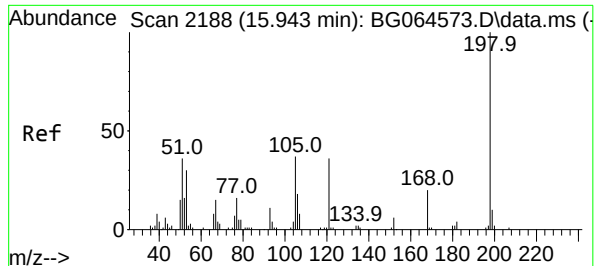


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2467
Delta R.T. 0.004 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32



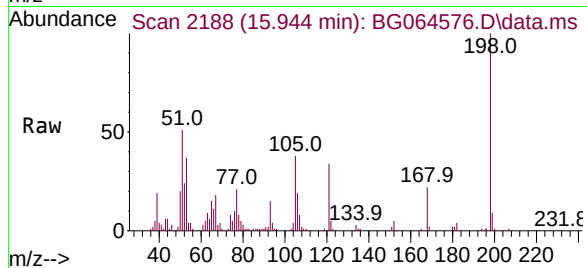
Tgt Ion:188 Resp: 343365
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.500 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

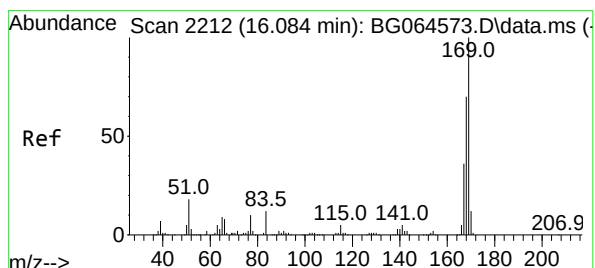
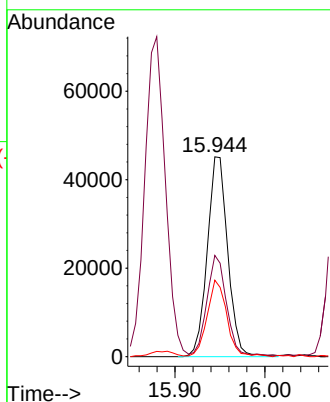
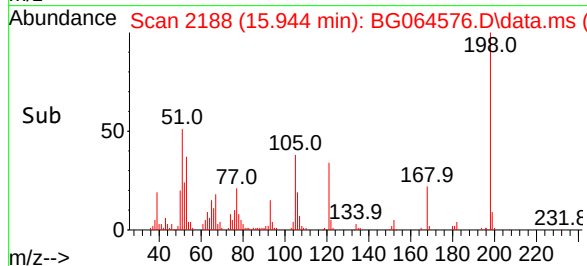
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 71672
Ion Ratio Lower Upper
198 100
51 50.7 24.7 64.7
105 38.3 18.0 58.0

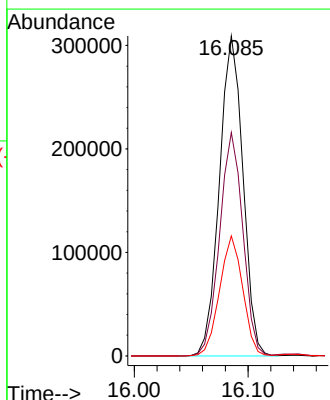
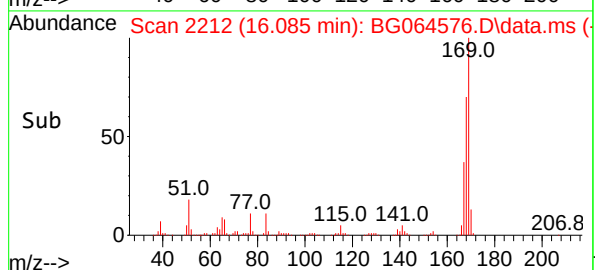
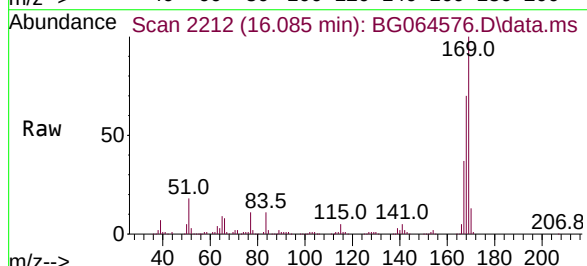
Manual Integrations
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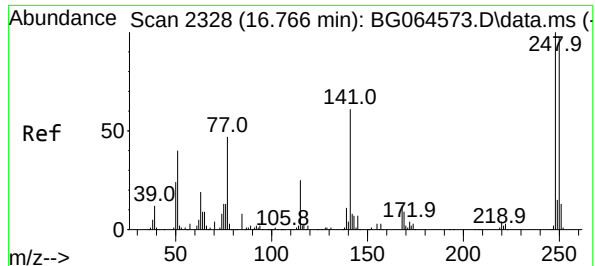
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 47.959 ng
RT: 16.085 min Scan# 2212
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:169 Resp: 444824
Ion Ratio Lower Upper
169 100
168 69.8 56.3 84.5
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.225 ng
RT: 16.773 min Scan# 2328
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

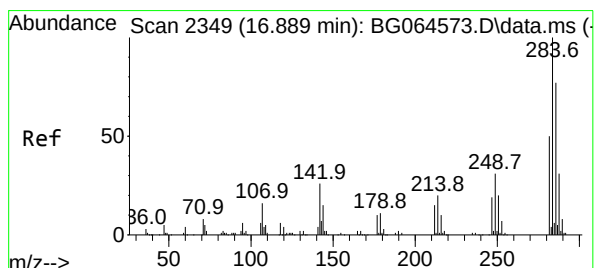
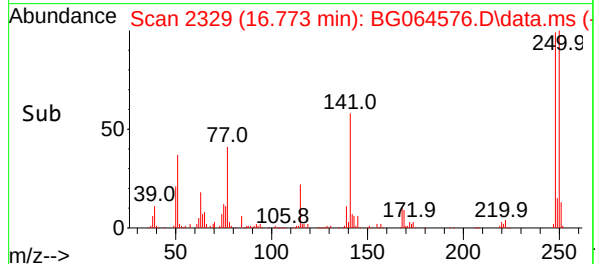
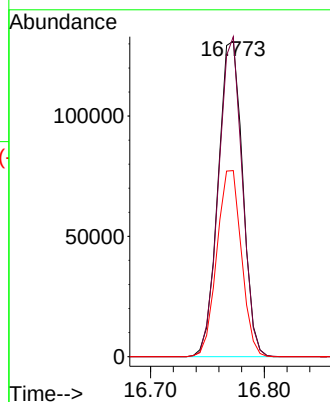
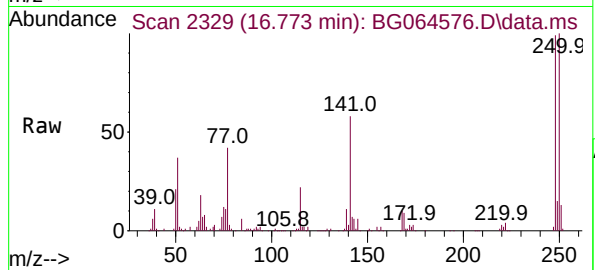
SSTDICC050

Tgt Ion:248 Resp: 196226
Ion Ratio Lower Upper
248 100
250 101.5 77.7 116.5
141 59.0 48.6 72.8

Manual Integrations

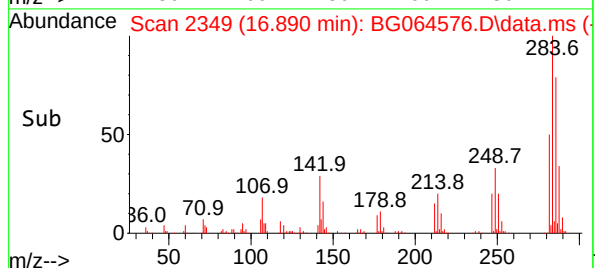
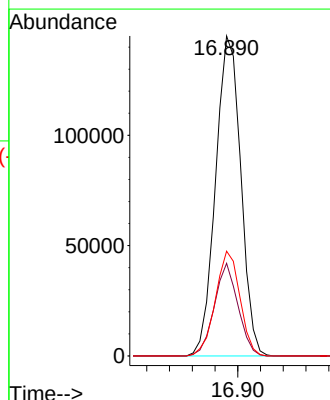
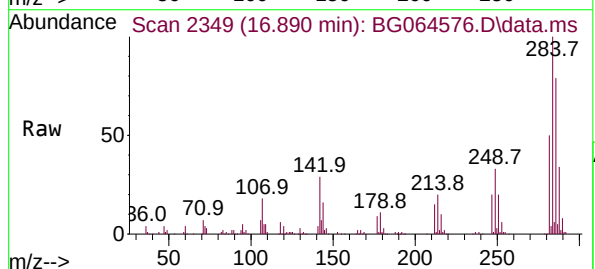
APPROVED

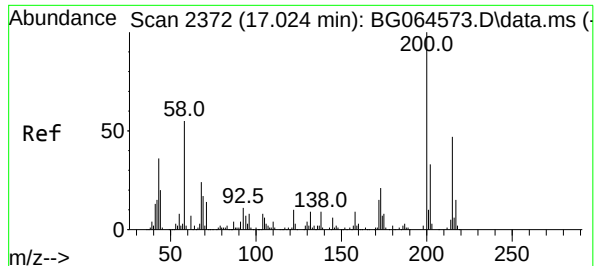
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#68
Hexachlorobenzene
Concen: 48.043 ng
RT: 16.890 min Scan# 2349
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:284 Resp: 223018
Ion Ratio Lower Upper
284 100
142 28.9 21.0 31.6
249 35.3 24.9 37.3





#69

Atrazine

Concen: 47.066 ng

RT: 17.025 min Scan# 2372

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 187862

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

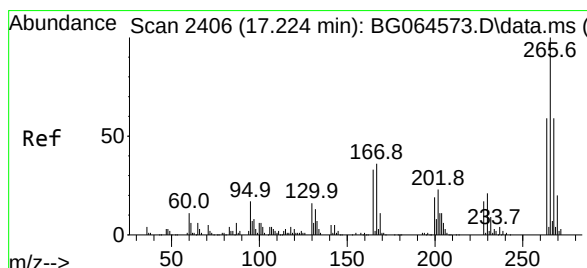
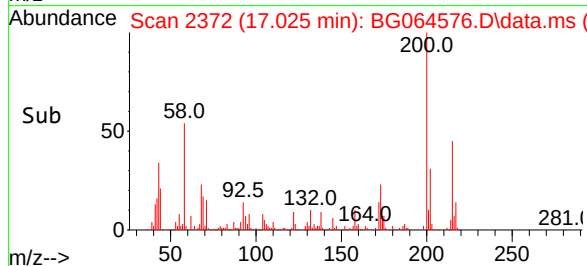
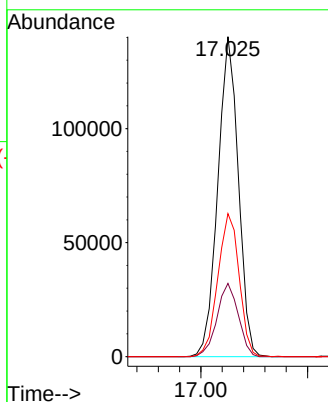
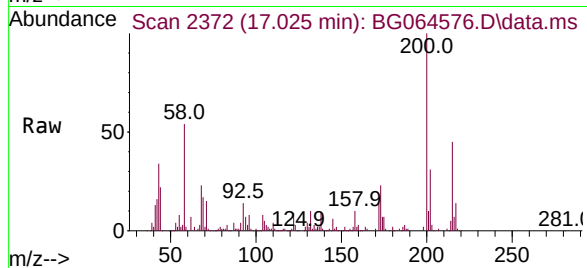
215 44.7 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#70

Pentachlorophenol

Concen: 50.930 ng

RT: 17.225 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

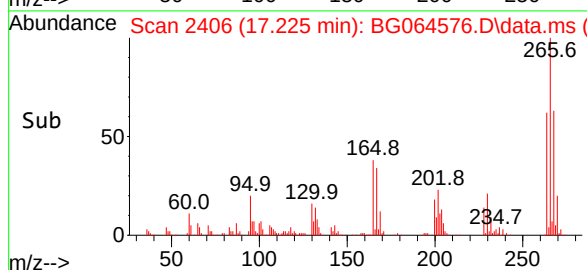
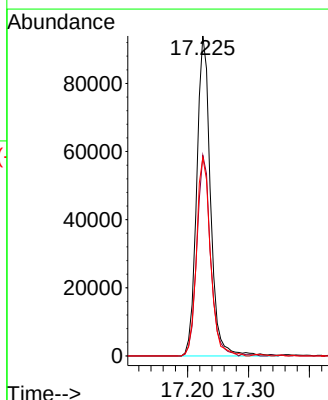
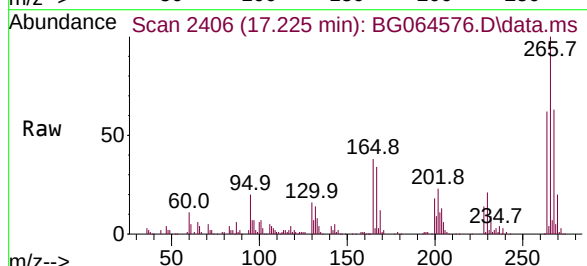
Tgt Ion:266 Resp: 147427

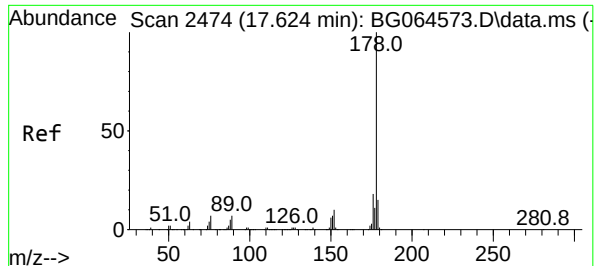
Ion Ratio Lower Upper

266 100

268 67.9 50.3 75.5

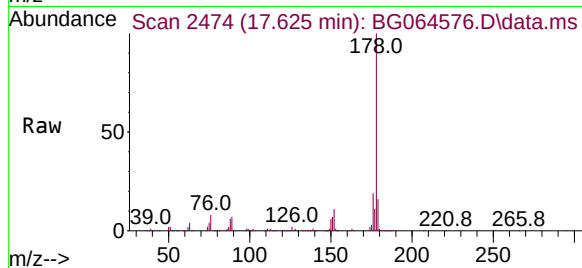
264 62.0 47.3 70.9





#71
Phenanthrene
Concen: 46.621 ng
RT: 17.625 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

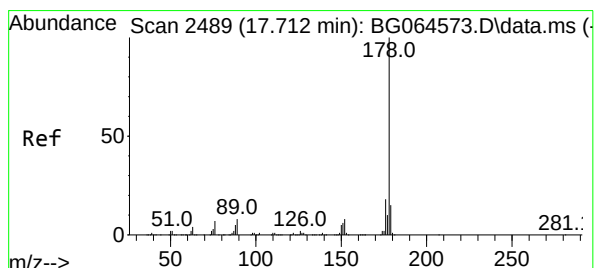
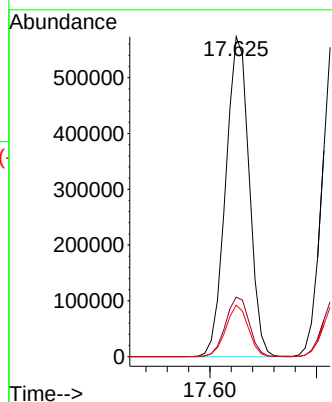
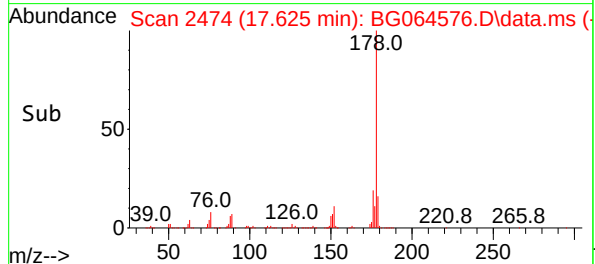
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 875415
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.1 12.2 18.4

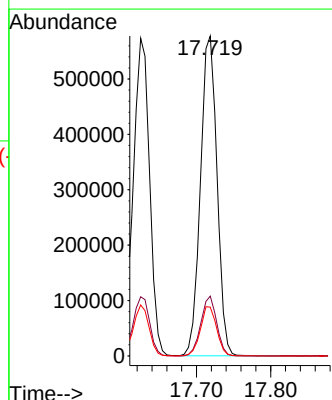
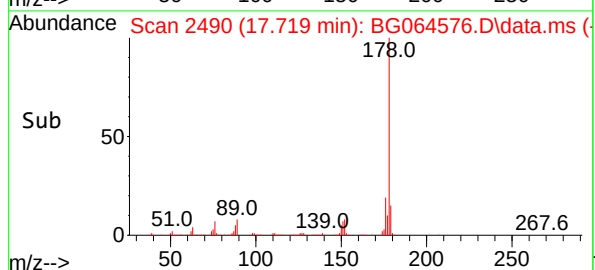
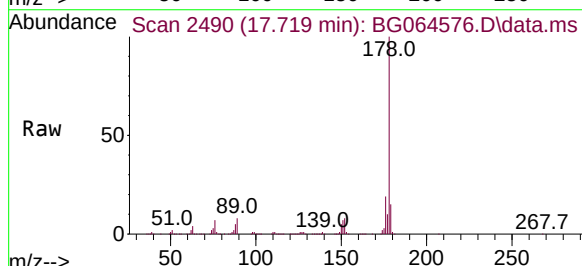
Manual Integrations
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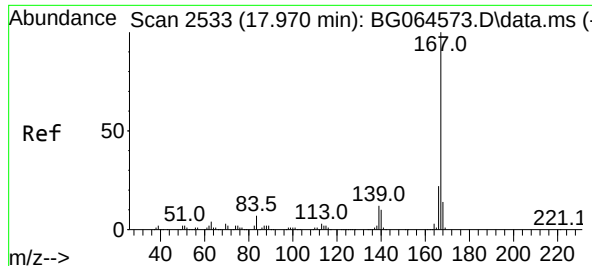
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 46.785 ng
RT: 17.719 min Scan# 2490
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

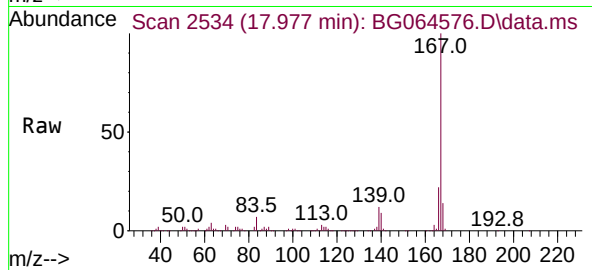
Tgt Ion:178 Resp: 893629
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.2 12.4 18.6





#73
Carbazole
Concen: 46.370 ng
RT: 17.977 min Scan# 2534
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

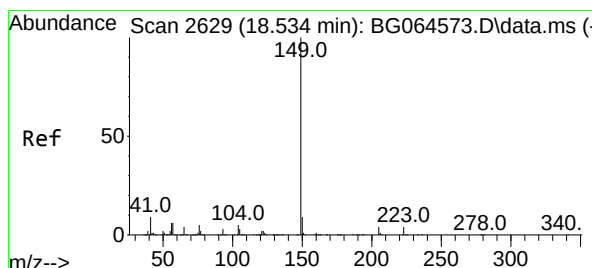
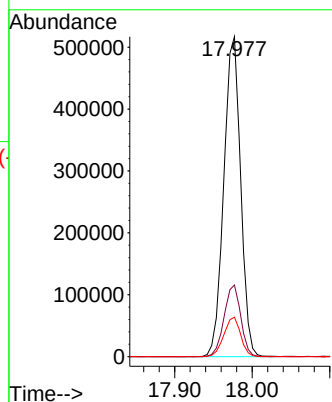
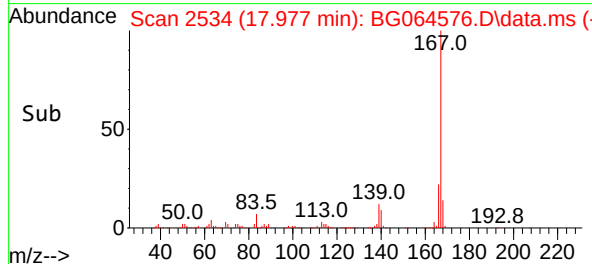
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 781031
Ion Ratio Lower Upper
167 100
166 22.4 17.9 26.9
139 12.3 9.7 14.5

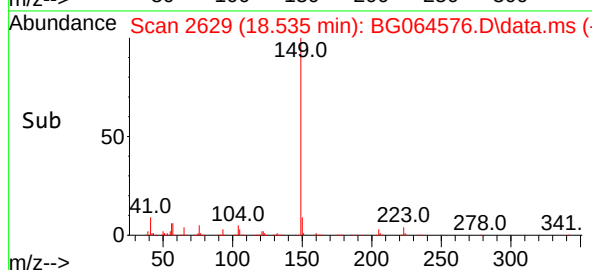
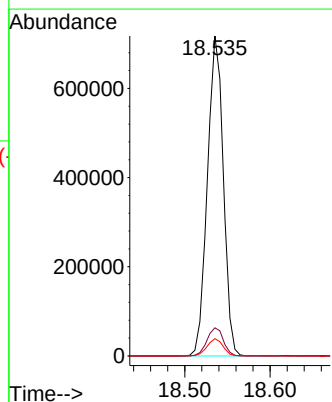
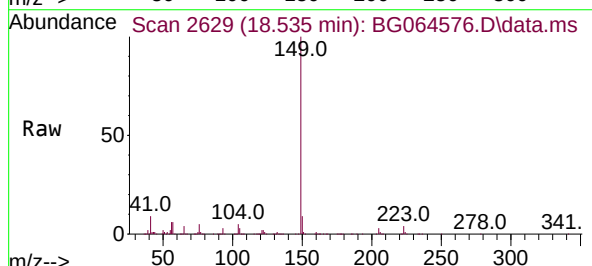
Manual Integrations
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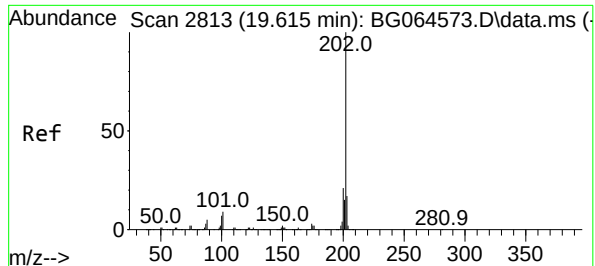
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#74
Di-n-butylphthalate
Concen: 47.762 ng
RT: 18.535 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

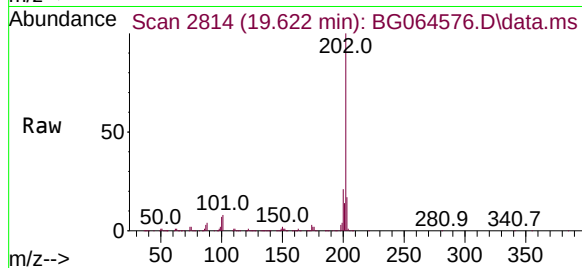
Tgt Ion:149 Resp: 930281
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 46.459 ng
RT: 19.622 min Scan# 2813
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

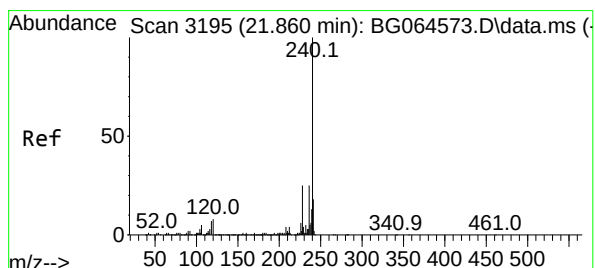
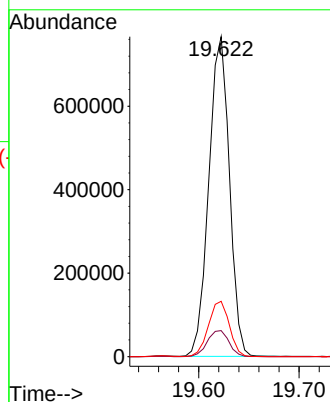
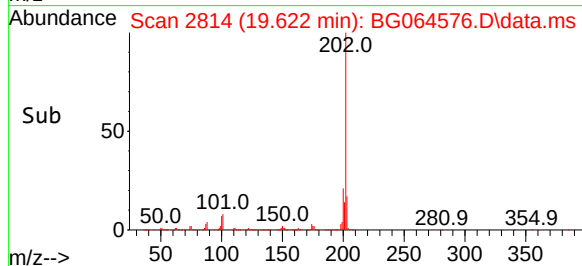
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1092855
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.3 0.0 37.0

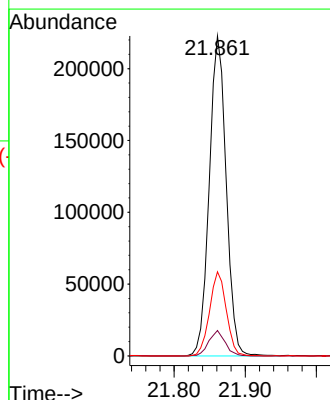
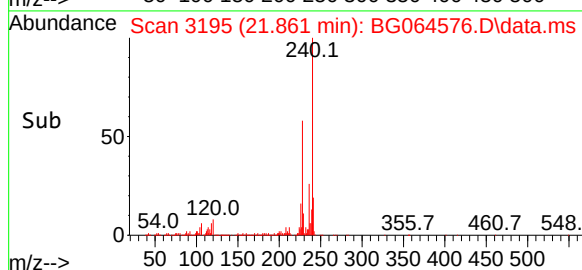
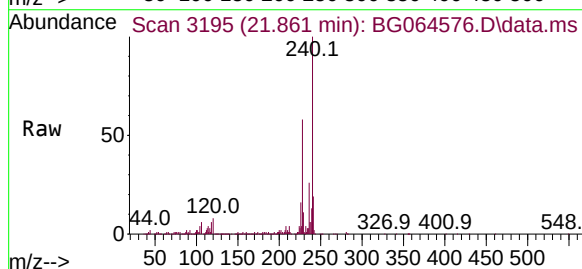
Manual Integrations
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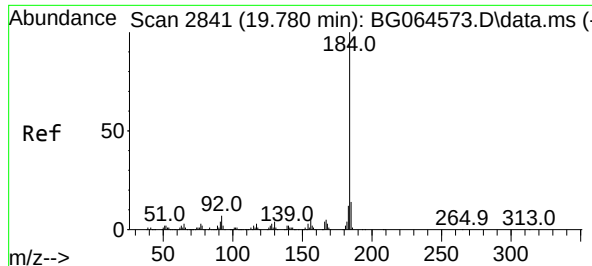
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3195
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

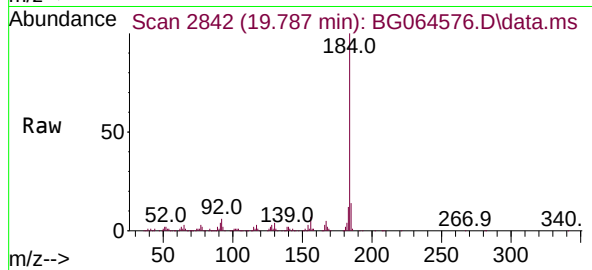
Tgt Ion:240 Resp: 367592
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.3 20.2 30.2





#77
Benzidine
Concen: 46.435 ng
RT: 19.787 min Scan# 2841
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

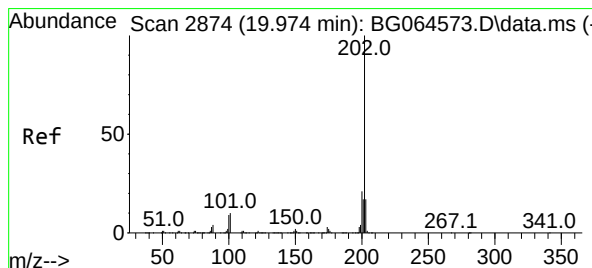
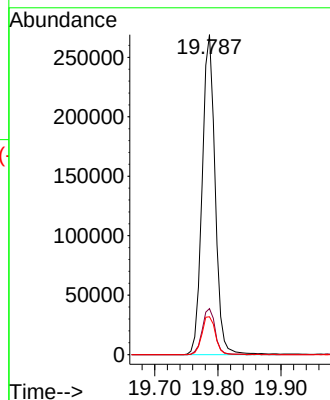
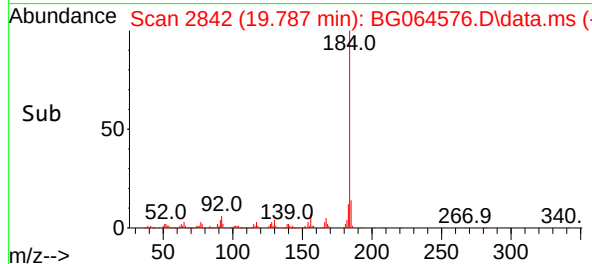
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 382418
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.4 14.2

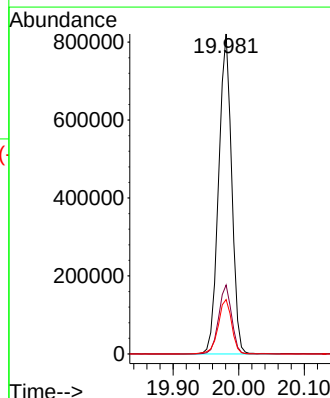
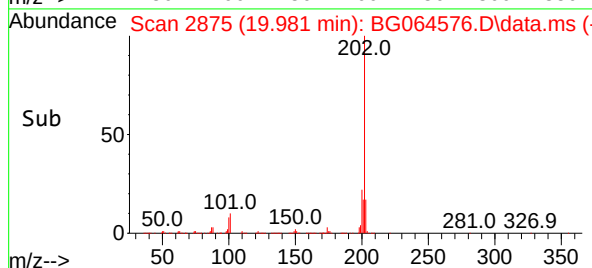
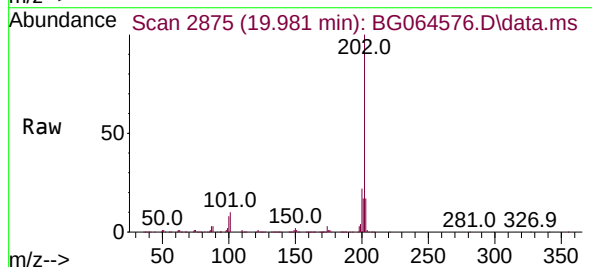
Manual Integrations
APPROVED

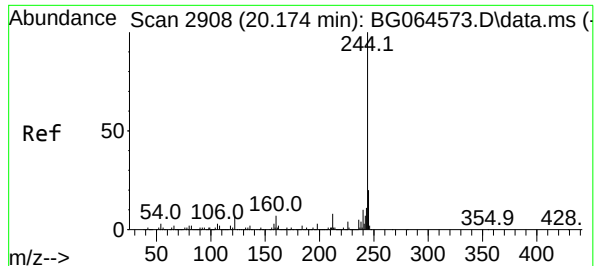
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 47.190 ng
RT: 19.981 min Scan# 2875
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

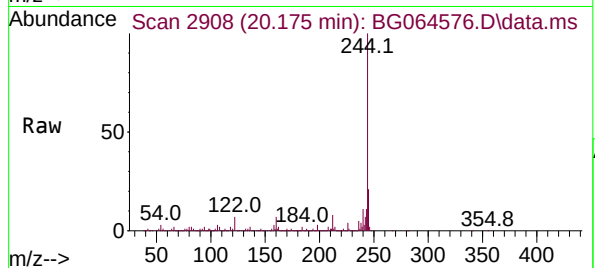
Tgt Ion:202 Resp: 1133345
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.0 13.8 20.6





#79
Terphenyl-d14
Concen: 93.162 ng
RT: 20.175 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

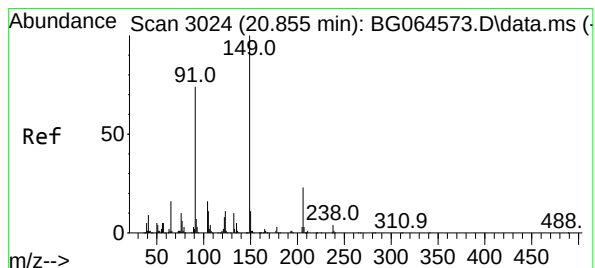
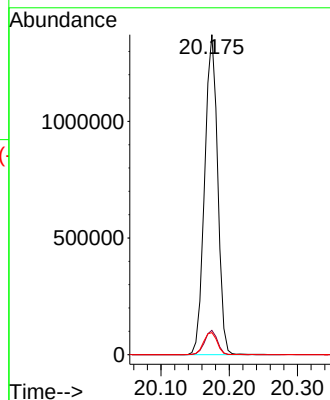
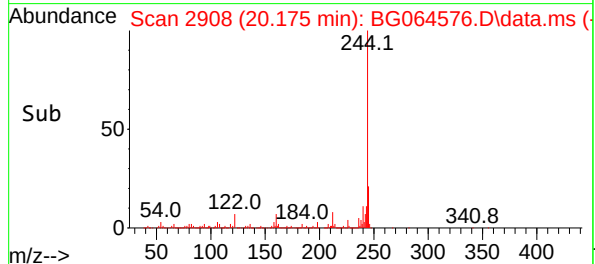
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 1814663
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.9 5.6 8.4

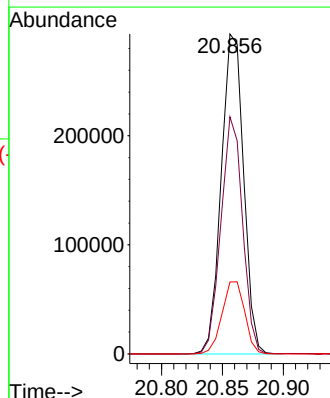
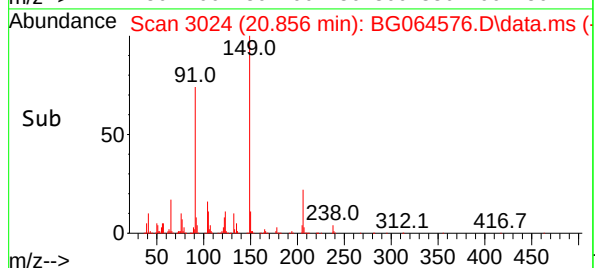
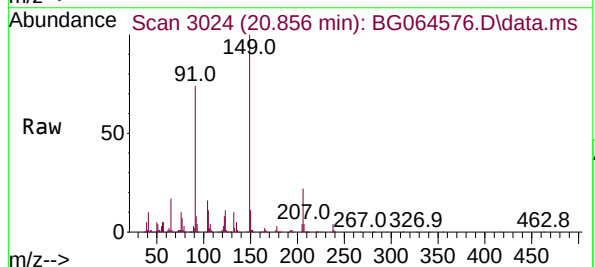
Manual Integrations
APPROVED

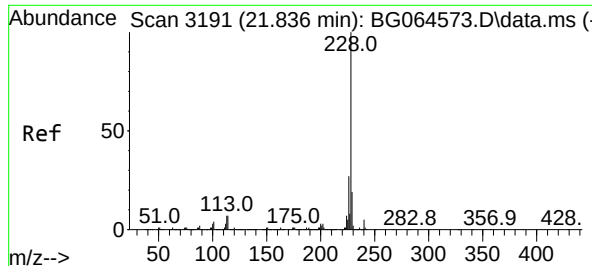
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 51.609 ng
RT: 20.856 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

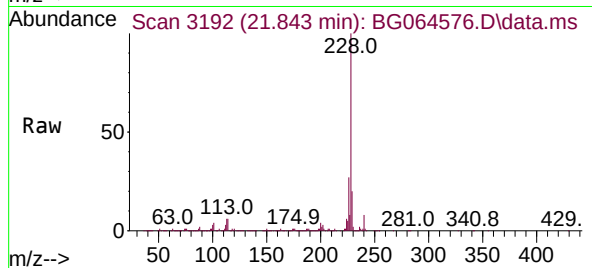
Tgt Ion:149 Resp: 374611
Ion Ratio Lower Upper
149 100
91 74.1 59.2 88.8
206 22.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.843 min Scan# 3191
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

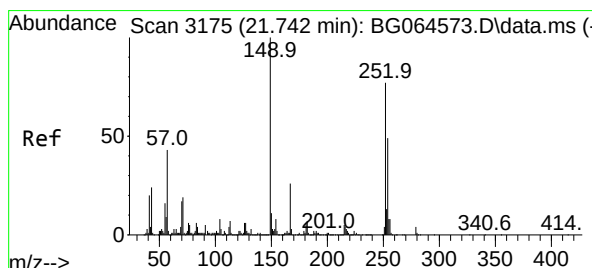
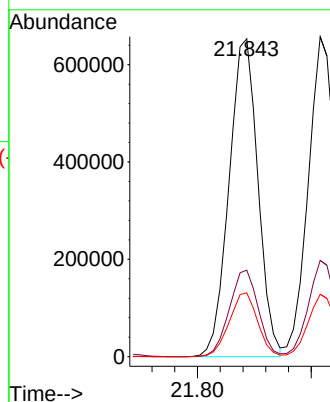
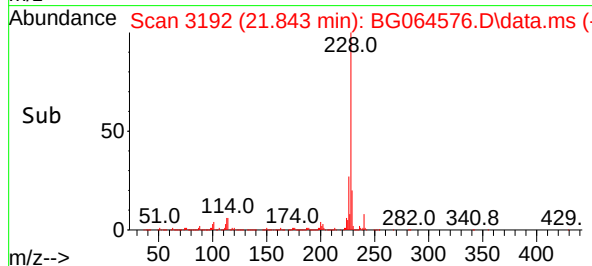
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 115124
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.1 15.6 23.4

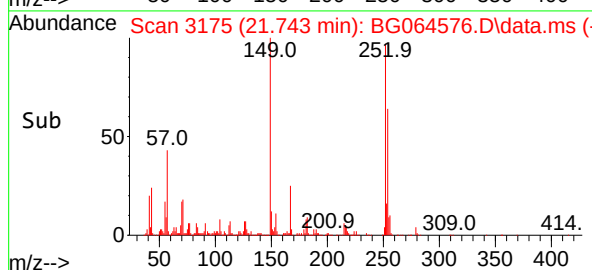
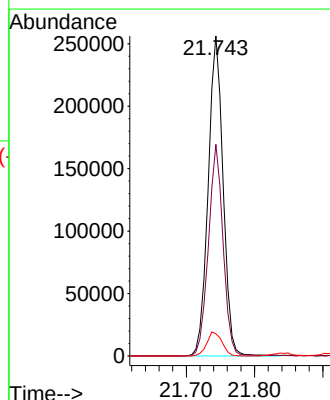
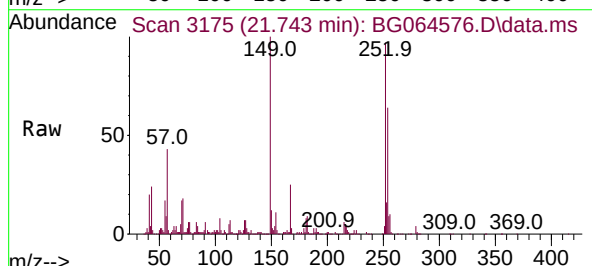
Manual Integrations
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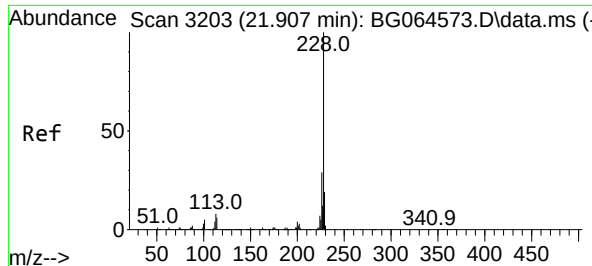
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.824 ng
RT: 21.743 min Scan# 3175
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

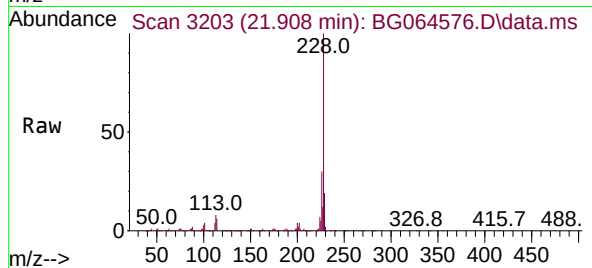
Tgt Ion:252 Resp: 389240
Ion Ratio Lower Upper
252 100
254 66.1 50.8 76.2
126 6.9 5.8 8.6





#83
Chrysene
Concen: 47.062 ng
RT: 21.908 min Scan# 3190
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

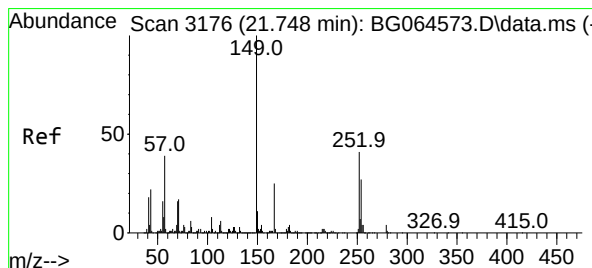
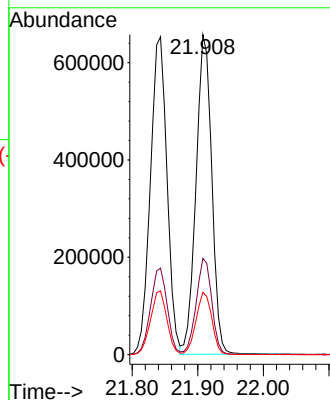
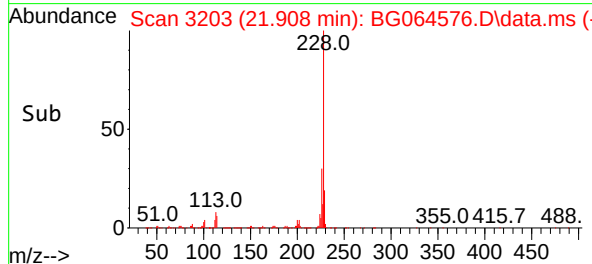
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1091456
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 19.5 15.2 22.8

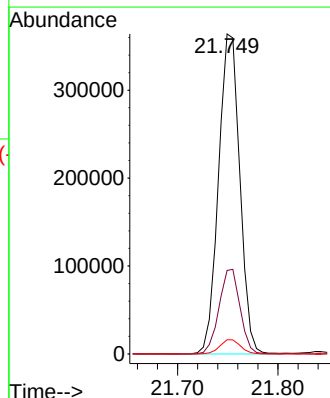
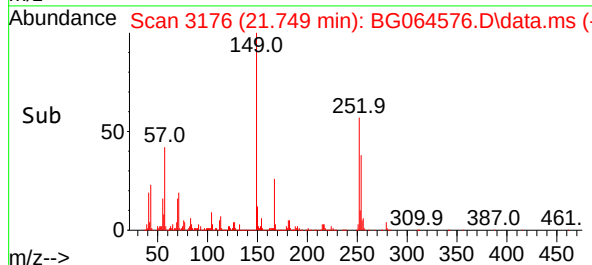
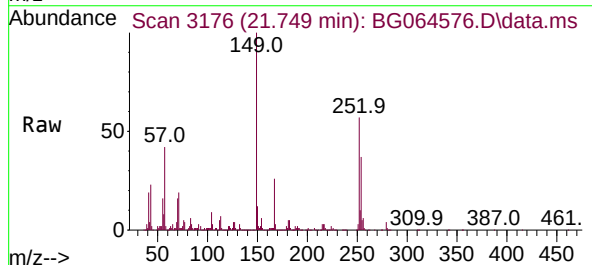
Manual Integrations
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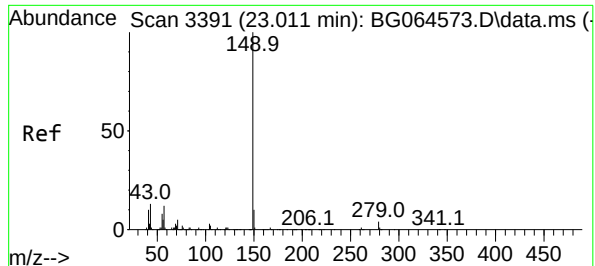
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.576 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

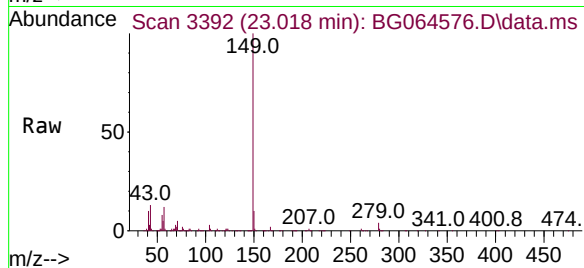
Tgt Ion:149 Resp: 537716
Ion Ratio Lower Upper
149 100
167 26.1 20.0 30.0
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 23.018 min Scan# 3391
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

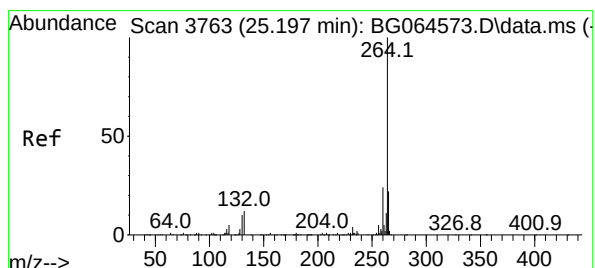
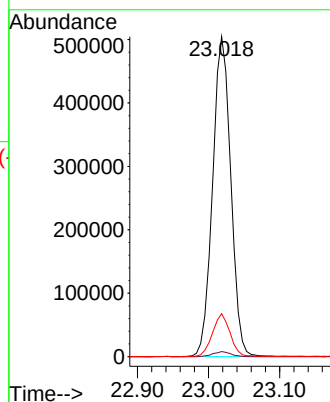
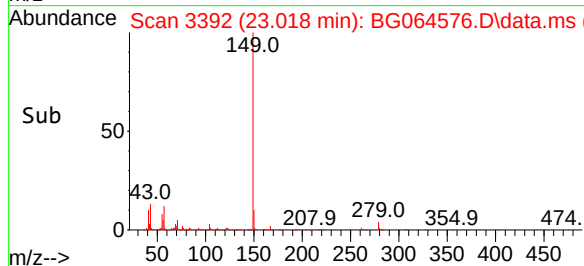
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 896763
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.8 16.2

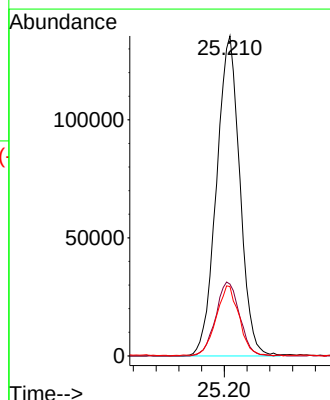
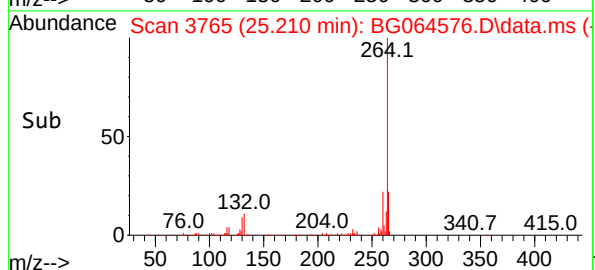
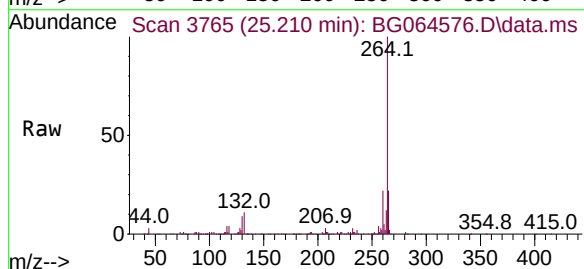
Manual Integrations
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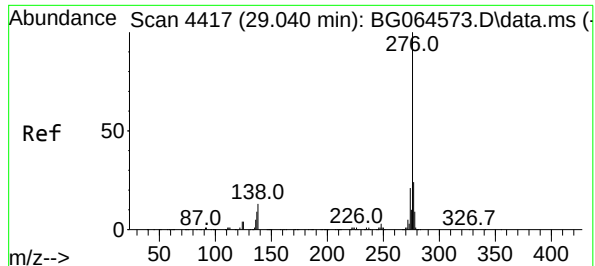
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.210 min Scan# 3765
Delta R.T. 0.009 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

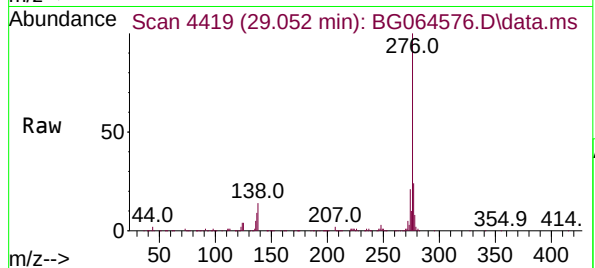
Tgt Ion:264 Resp: 385865
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.425 ng
RT: 29.052 min Scan# 4417
Delta R.T. -0.008 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

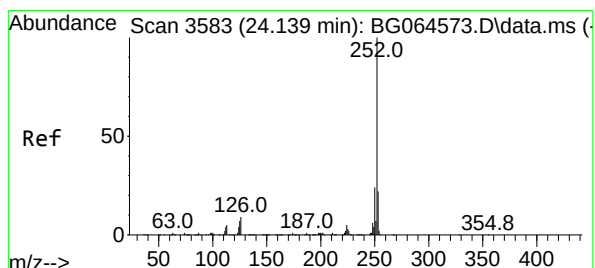
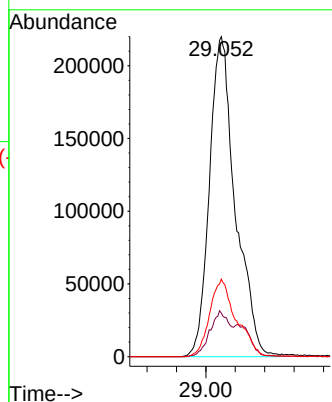
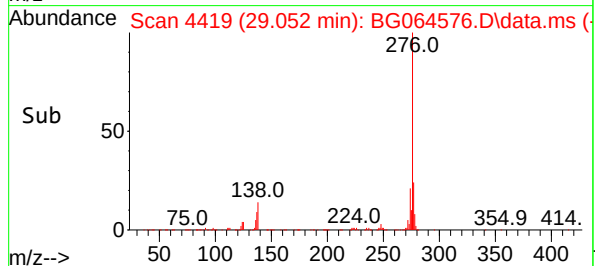
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 1346188
Ion Ratio Lower Upper
276 100
138 10.9 10.8 16.2
277 24.8 20.1 30.1

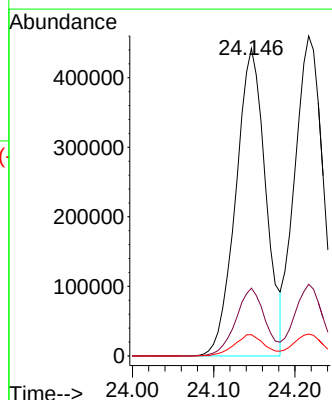
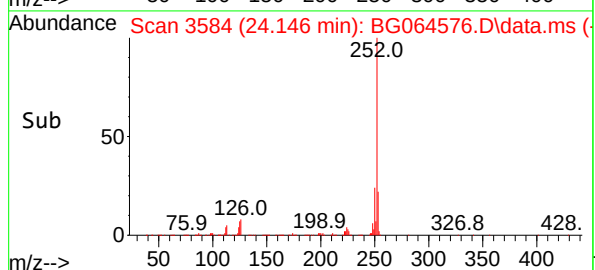
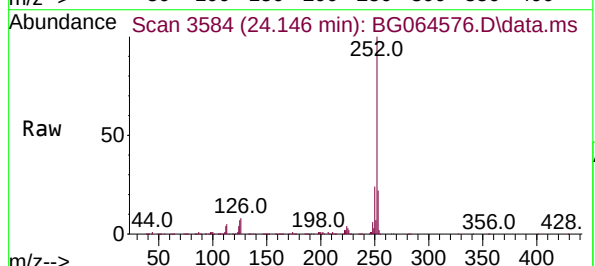
Manual Integrations
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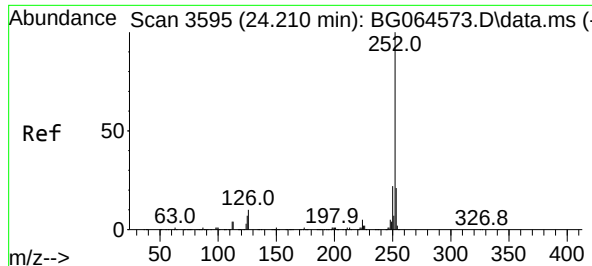
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#88
Benzo(b)fluoranthene
Concen: 47.810 ng
RT: 24.146 min Scan# 3584
Delta R.T. 0.003 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:252 Resp: 1131250
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.9 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 46.901 ng

RT: 24.217 min Scan# 3596

Delta R.T. -0.003 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 1110490

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

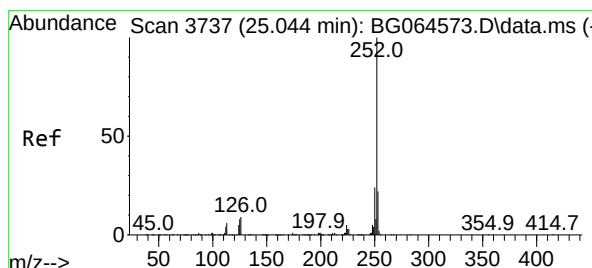
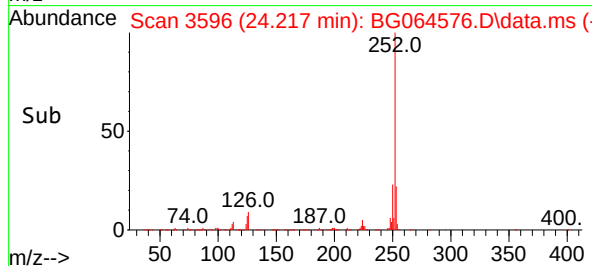
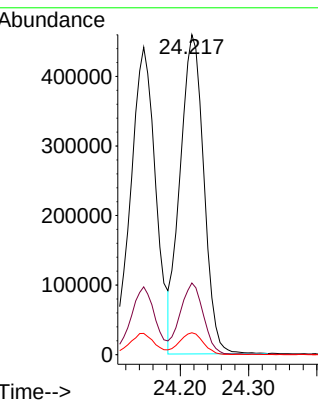
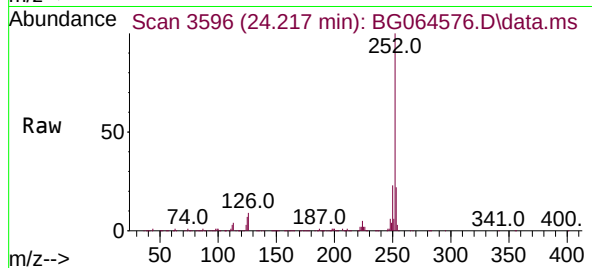
125 6.8 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#90

Benzo(a)pyrene

Concen: 47.339 ng

RT: 25.051 min Scan# 3738

Delta R.T. -0.008 min

Lab File: BG064576.D

Acq: 24 Oct 2025 15:32

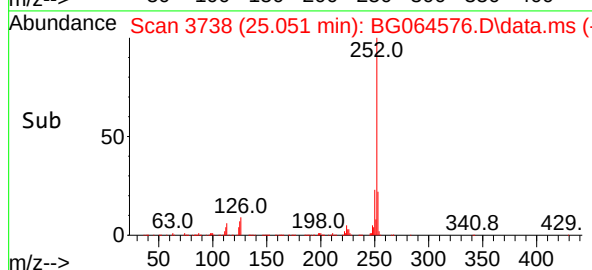
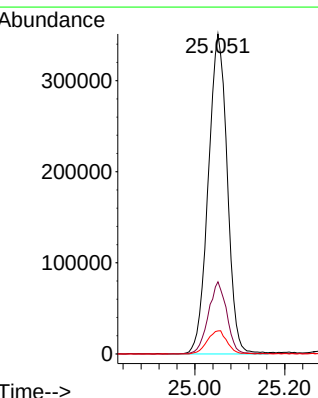
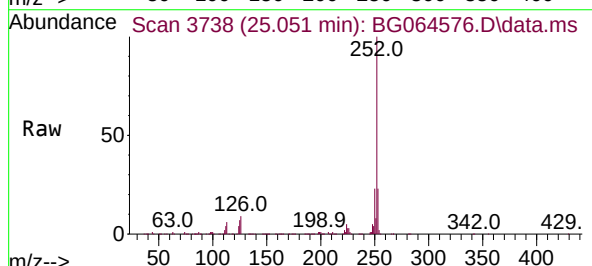
Tgt Ion:252 Resp: 1029605

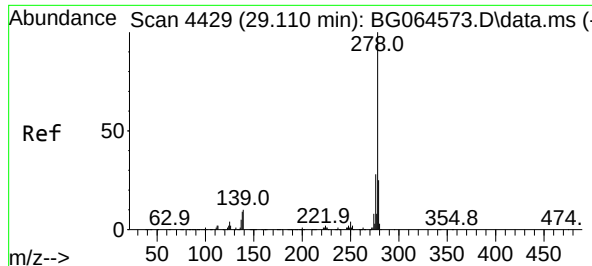
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

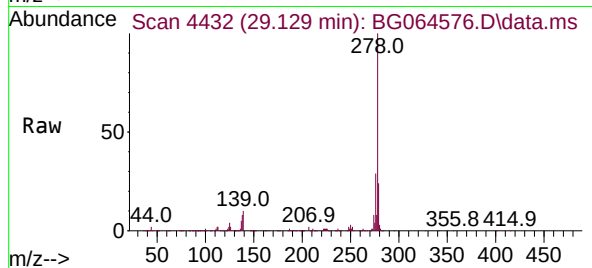
125 7.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.283 ng
RT: 29.129 min Scan# 4419
Delta R.T. -0.008 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

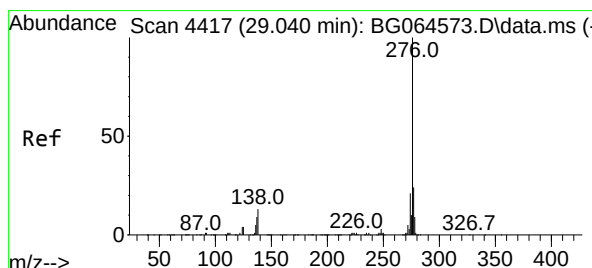
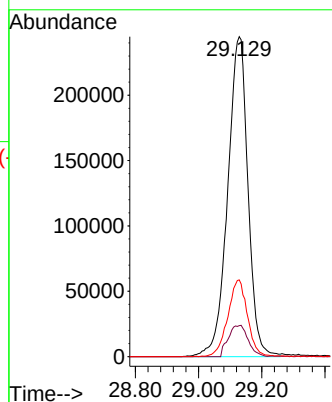
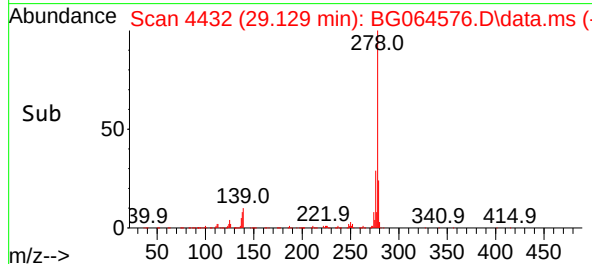
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 109040
Ion Ratio Lower Upper
278 100
139 9.7 8.0 12.0
279 24.0 19.8 29.6

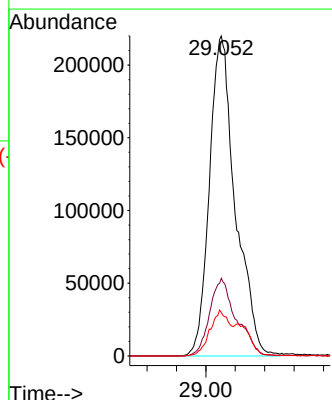
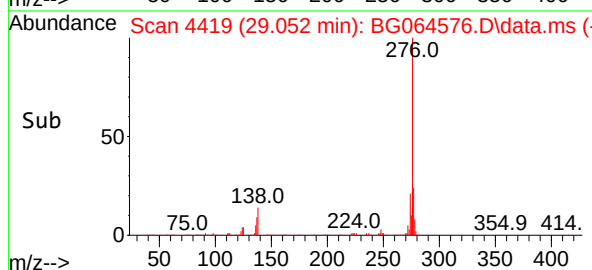
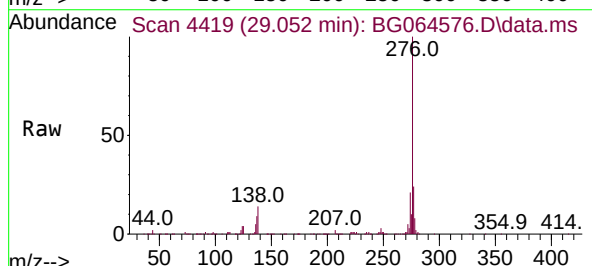
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 47.425 ng
RT: 29.052 min Scan# 4419
Delta R.T. -0.008 min
Lab File: BG064576.D
Acq: 24 Oct 2025 15:32

Tgt Ion:276 Resp: 1346188
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 13.6 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:24:36 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37186	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	157125	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	124202	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	290051	20.000	ng	0.00
76) Chrysene-d12	21.859	240	293608	20.000	ng	0.00
86) Perylene-d12	25.202	264	306886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	156266	70.535	ng	0.00
7) Phenol-d6	7.353	99	225294	74.109	ng	0.00
23) Nitrobenzene-d5	9.386	82	200749	76.738	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	134578	75.074	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	594887	72.599	ng	0.00
79) Terphenyl-d14	20.173	244	1151597	74.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.586	88	33172	33.820	ng	97
3) Pyridine	3.998	79	98123	33.313	ng	95
4) n-Nitrosodimethylamine	3.898	42	56903	36.025	ng	98
6) Aniline	7.529	93	157683	38.118	ng	99
8) 2-Chlorophenol	7.776	128	85755	36.981	ng	96
9) Benzaldehyde	7.341	77	84516	50.923	ng	95
10) Phenol	7.376	94	122412	36.410	ng	98
11) bis(2-Chloroethyl)ether	7.529	93	157683	38.118	ng	99
12) 1,3-Dichlorobenzene	8.111	146	96308	36.085	ng	94
13) 1,4-Dichlorobenzene	8.257	146	102132	37.635	ng	96
14) 1,2-Dichlorobenzene	8.581	146	96651	36.924	ng	97
15) Benzyl Alcohol	8.445	79	95250	37.995	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	234476	36.163	ng	98
17) 2-Methylphenol	8.445	107	48801	38.945	ng	95
18) Hexachloroethane	9.327	117	34040	35.743	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	83140	39.572	ng	96
20) 3+4-Methylphenols	8.974	107	118917	37.882	ng	96
22) Acetophenone	9.045	105	162385	37.806	ng	97
24) Nitrobenzene	9.427	77	111836	39.305	ng	97
25) Isophorone	9.955	82	236860	37.733	ng	99
26) 2-Nitrophenol	10.143	139	38013	35.498	ng	97
27) 2,4-Dimethylphenol	10.196	122	98450m	41.336	ng	
28) bis(2-Chloroethoxy)met...	10.437	93	132072	36.953	ng	99
29) 2,4-Dichlorophenol	10.684	162	95966	38.190	ng	97
30) 1,2,4-Trichlorobenzene	10.907	180	108339	37.945	ng	97
31) Naphthalene	11.101	128	311084	35.709	ng	100
32) Benzoic acid	10.296	122	62191m	37.924	ng	
33) 4-Chloroaniline	11.189	127	139799	41.287	ng	99
34) Hexachlorobutadiene	11.389	225	78691	35.242	ng	97
35) Caprolactam	11.941	113	35011	36.326	ng	93
36) 4-Chloro-3-methylphenol	12.294	107	114927	38.049	ng	98
37) 2-Methylnaphthalene	12.693	142	213545	33.388	ng	98
38) 1-Methylnaphthalene	12.911	142	224857	35.729	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	154838	37.146	ng	99
41) Hexachlorocyclopentadiene	13.040	237	95065	50.669	ng	98
43) 2,4,6-Trichlorophenol	13.281	196	92335	38.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025

Quant Time: Oct 24 17:24:36 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 16:40:26 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102433	37.228	ng	99
46) 1,1'-Biphenyl	13.686	154	329629	37.331	ng	99
47) 2-Chloronaphthalene	13.727	162	241311	36.205	ng	97
48) 2-Nitroaniline	13.910	65	78927	36.129	ng	96
49) Acenaphthylene	14.568	152	435836	41.457	ng	98
50) Dimethylphthalate	14.292	163	350600	36.890	ng	100
51) 2,6-Dinitrotoluene	14.403	165	61784	39.971	ng	100
52) Acenaphthene	14.908	154	253833	35.340	ng	98
53) 3-Nitroaniline	14.726	138	68729	42.080	ng	99
54) 2,4-Dinitrophenol	14.926	184	29394	33.991	ng	# 56
55) Dibenzofuran	15.237	168	419154	36.096	ng	97
56) 4-Nitrophenol	15.014	139	51210	33.818	ng	92
57) 2,4-Dinitrotoluene	15.185	165	85201	35.957	ng	96
58) Fluorene	15.890	166	328636	36.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	106626	40.525	ng	97
60) Diethylphthalate	15.649	149	348964	35.961	ng	99
61) 4-Chlorophenyl-phenyle...	15.878	204	182714	35.902	ng	99
62) 4-Nitroaniline	15.884	138	68807	37.867	ng	97
63) Azobenzene	16.172	77	323432	36.325	ng	97
65) 4,6-Dinitro-2-methylph...	15.943	198	42391	34.885	ng	94
66) n-Nitrosodiphenylamine	16.084	169	300274	38.325	ng	98
67) 4-Bromophenyl-phenylether	16.771	248	130765	38.044	ng	97
68) Hexachlorobenzene	16.888	284	144974	36.971	ng	96
69) Atrazine	17.024	200	130007	38.558	ng	96
70) Pentachlorophenol	17.223	266	85166	34.829	ng	90
71) Phenanthrene	17.623	178	569825	35.925	ng	99
72) Anthracene	17.717	178	584246	36.210	ng	99
73) Carbazole	17.975	167	498849	35.061	ng	99
74) Di-n-butylphthalate	18.534	149	570718	34.688	ng	99
75) Fluoranthene	19.621	202	676996	34.070	ng	99
77) Benzidine	19.785	184	356547	54.203	ng	99
78) Pyrene	19.979	202	693068	36.130	ng	99
80) Butylbenzylphthalate	20.854	149	224386	38.702	ng	98
81) Benzo(a)anthracene	21.836	228	706428	36.287	ng	99
82) 3,3'-Dichlorobenzidine	21.742	252	265324	40.813	ng	96
83) Chrysene	21.906	228	658217	35.533	ng	98
84) Bis(2-ethylhexyl)phtha...	21.747	149	324614	37.470	ng	96
85) Di-n-octyl phthalate	23.017	149	527097	36.087	ng	99
87) Indeno(1,2,3-cd)pyrene	29.045	276	820974	36.366	ng	99
88) Benzo(b)fluoranthene	24.139	252	681881	36.235	ng	99
89) Benzo(k)fluoranthene	24.209	252	701500	37.252	ng	99
90) Benzo(a)pyrene	25.049	252	652126	37.700	ng	98
91) Dibenzo(a,h)anthracene	29.121	278	674510	36.776	ng	96
92) Benzo(g,h,i)perylene	29.045	276	820974	36.366	ng	97

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

```

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On    : 24 Oct 2025  16:47
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 10    Sample Multiplier: 1

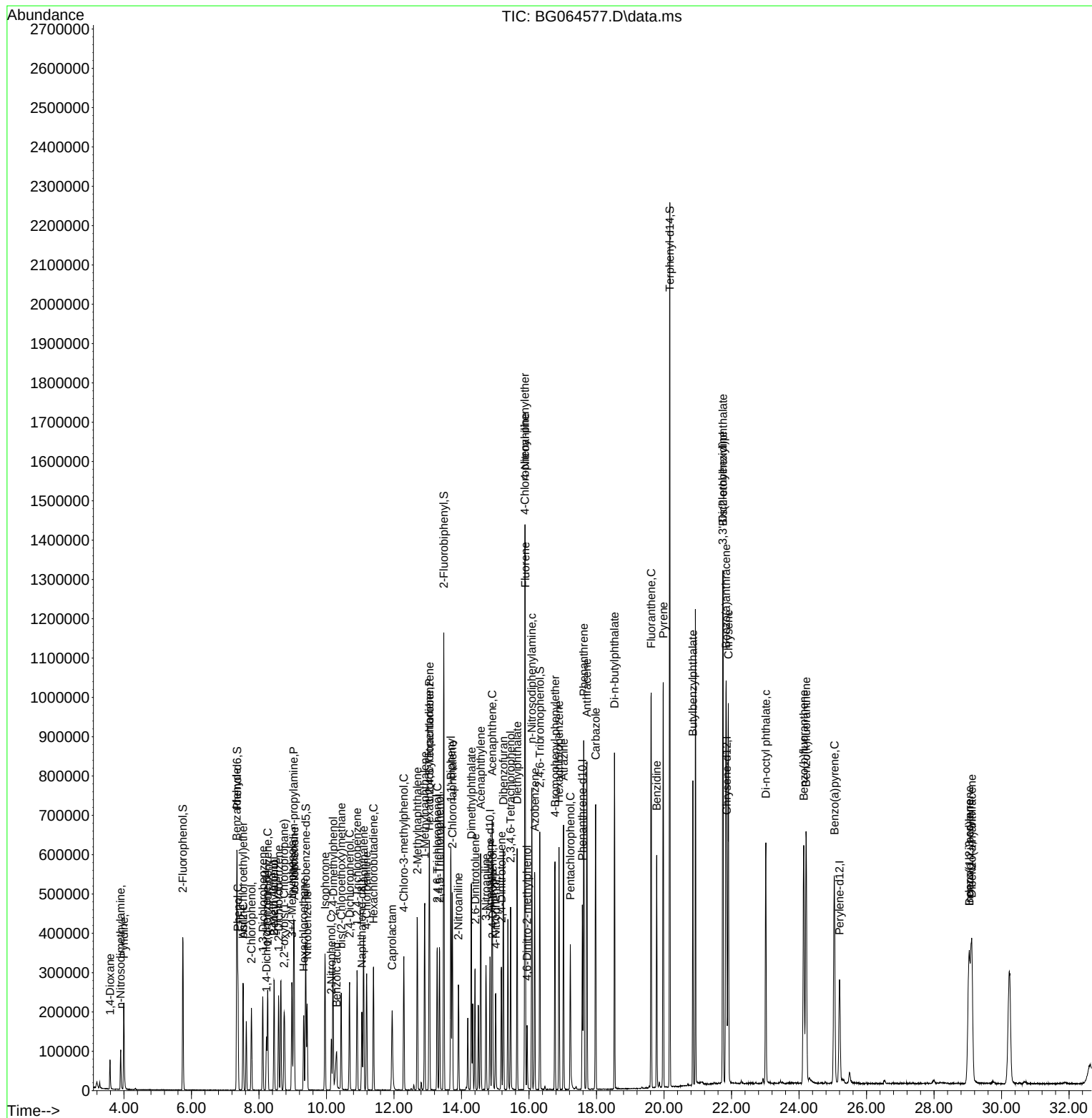
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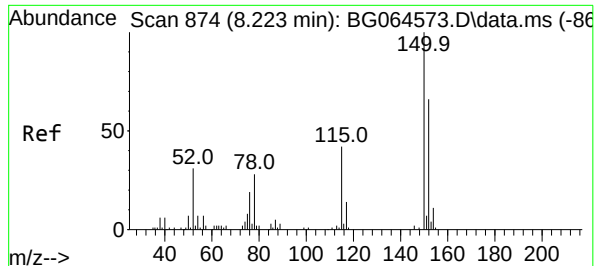
Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

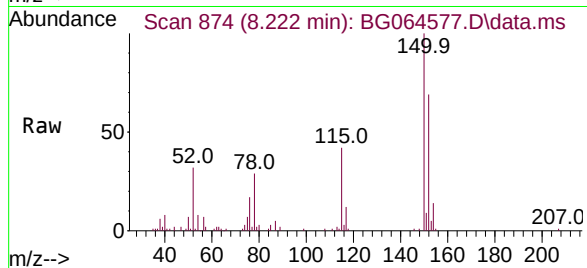
Quant Time: Oct 24 17:24:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

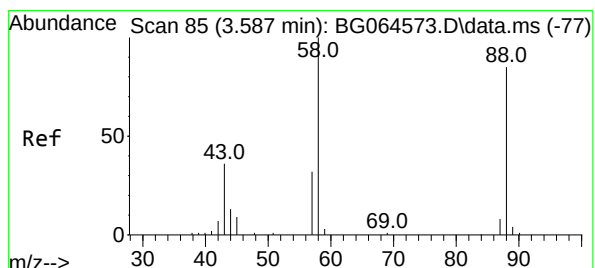
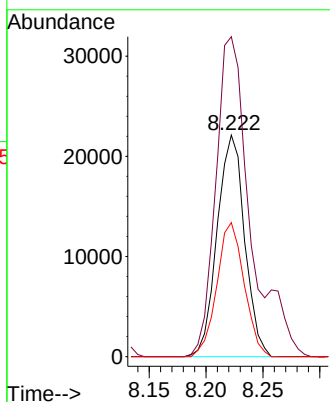
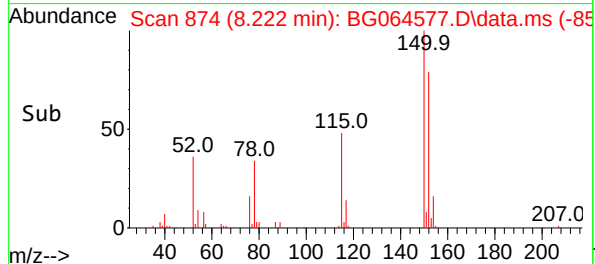
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:152 Resp: 37186
Ion Ratio Lower Upper
152 100
150 144.5 122.2 183.4
115 60.5 50.8 76.2

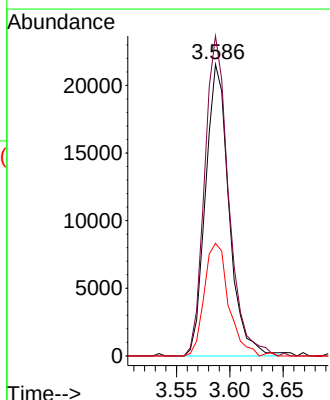
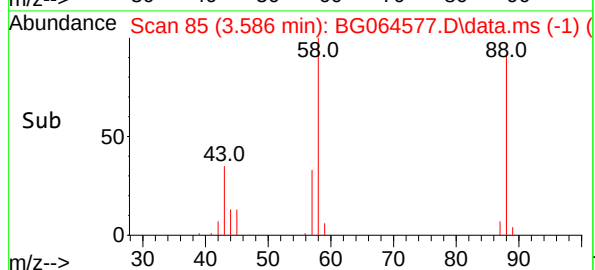
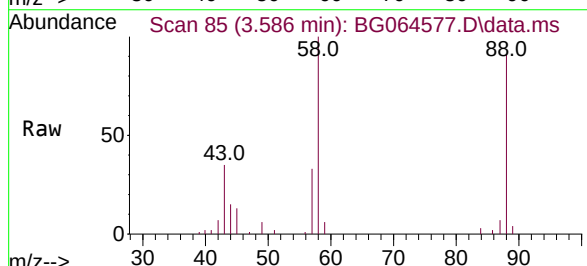
Manual Integrations
APPROVED

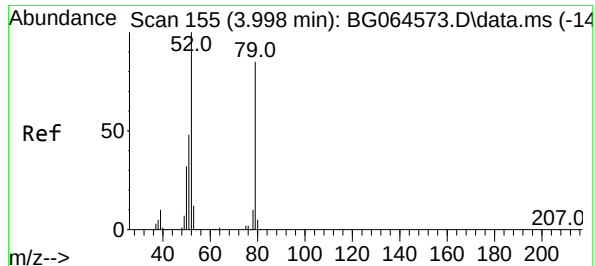
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#2
1,4-Dioxane
Concen: 33.820 ng
RT: 3.586 min Scan# 85
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 88 Resp: 33172
Ion Ratio Lower Upper
88 100
58 111.8 92.4 138.6
43 40.1 33.0 49.6





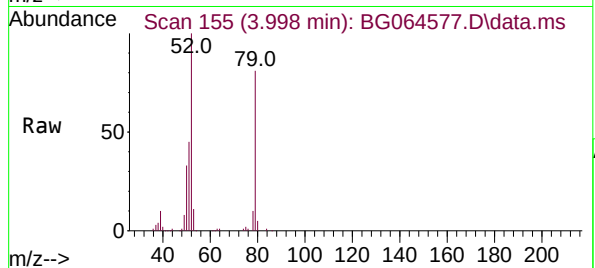
#3
Pyridine
Concen: 33.313 ng
RT: 3.998 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

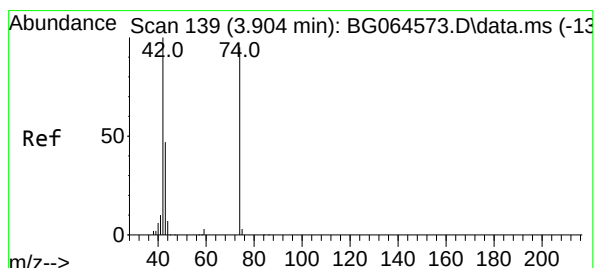
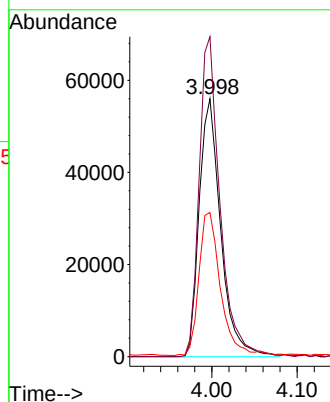
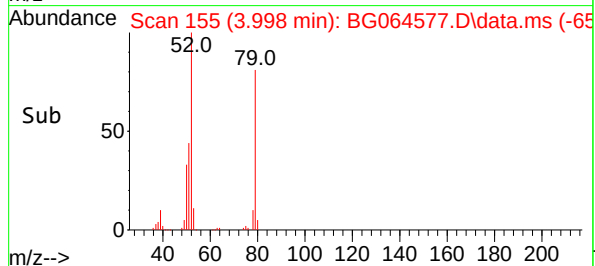


Tgt Ion	Ratio	Lower	Upper
79	100		
52	124.1	94.2	141.2
51	55.8	46.1	69.1

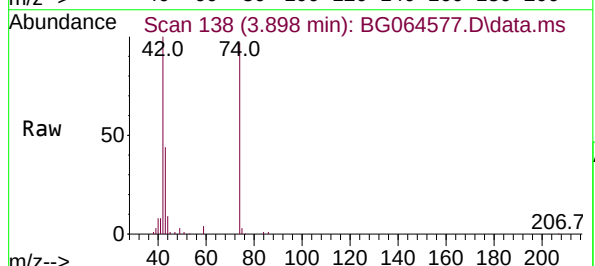
Manual Integrations

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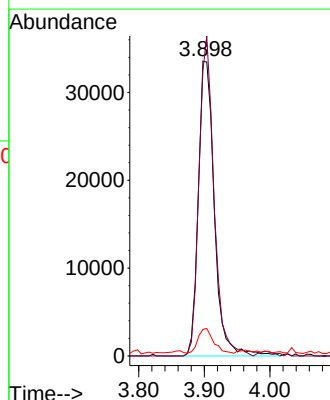
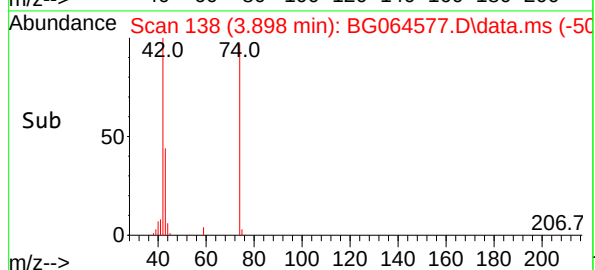
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

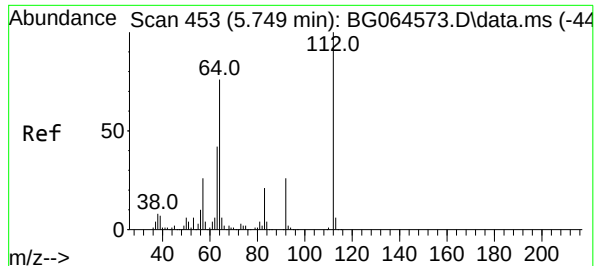


#4
n-Nitrosodimethylamine
Concen: 36.025 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



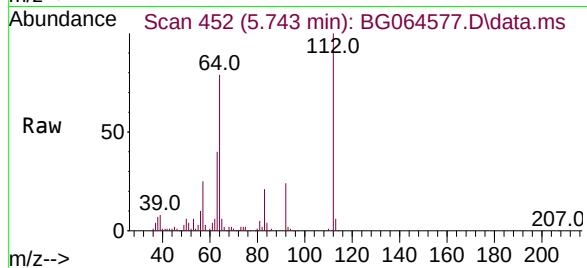
Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.0	76.1	114.1
44	9.0	6.3	9.5





#5
2-Fluorophenol
Concen: 70.535 ng
RT: 5.743 min Scan# 453
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

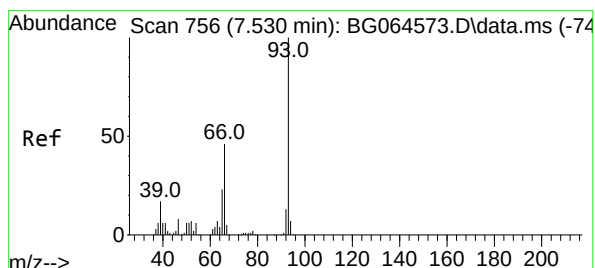
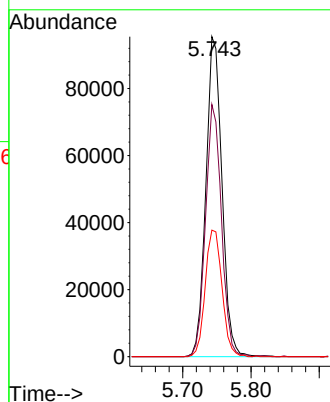
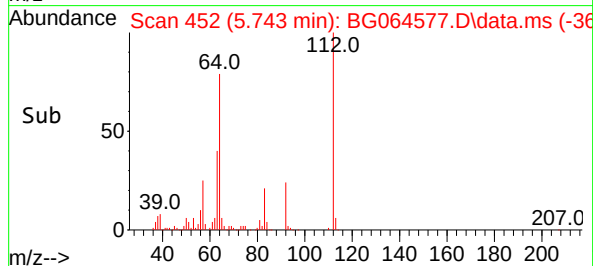
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 112 Resp: 156266
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 39.5 33.4 50.0

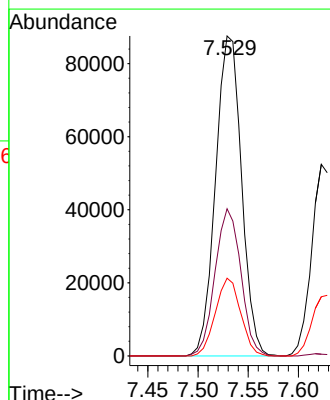
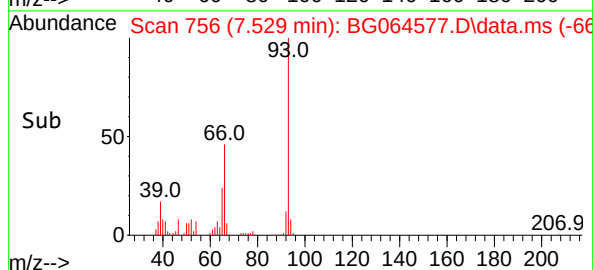
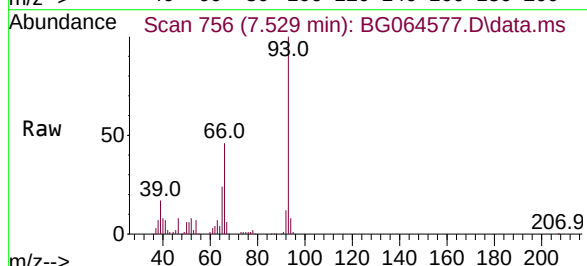
Manual Integrations
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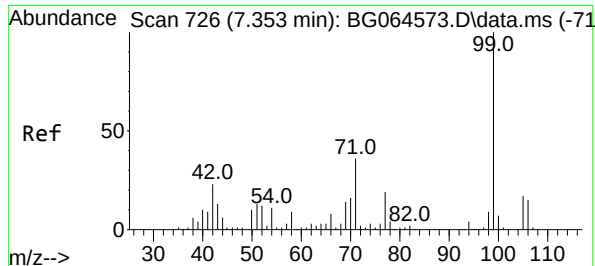
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#6
Aniline
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

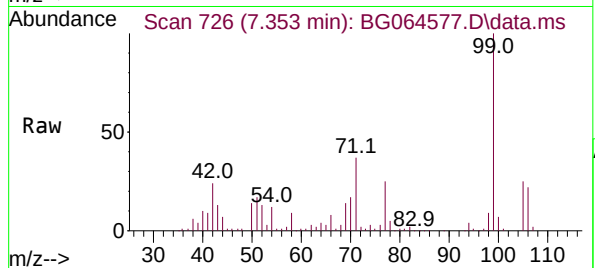
Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
66 46.0 37.0 55.6
65 24.3 18.3 27.5





#7
Phenol-d6
Concen: 74.109 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

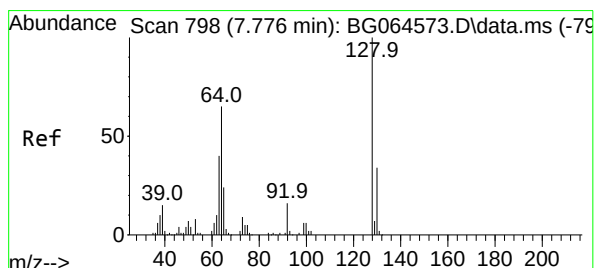
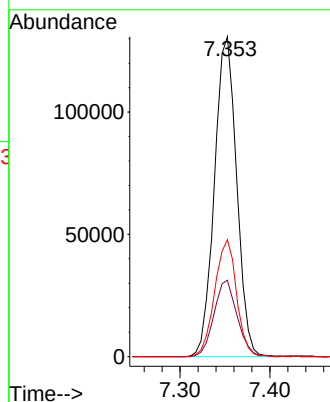
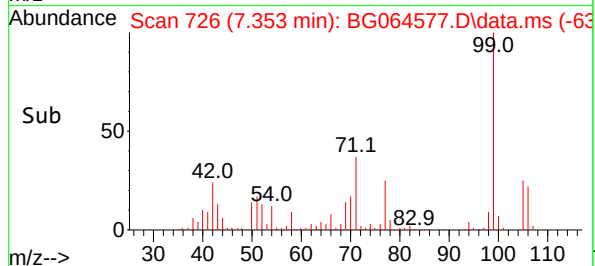
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 99 Resp: 225294
Ion Ratio Lower Upper
99 100
42 23.9 18.3 27.5
71 36.5 28.6 43.0

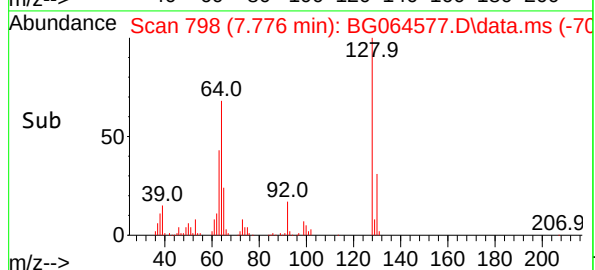
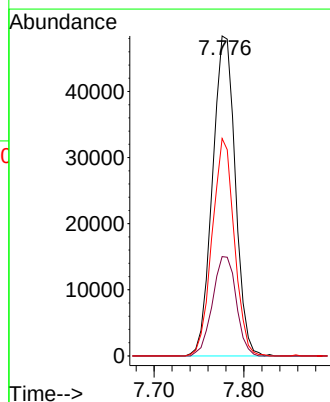
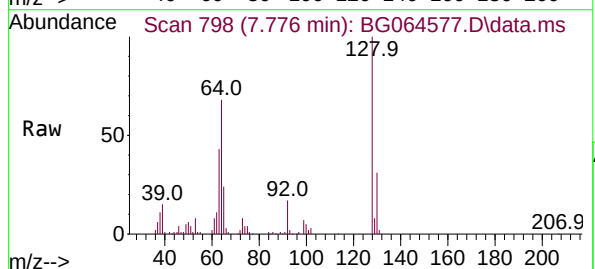
Manual Integrations
APPROVED

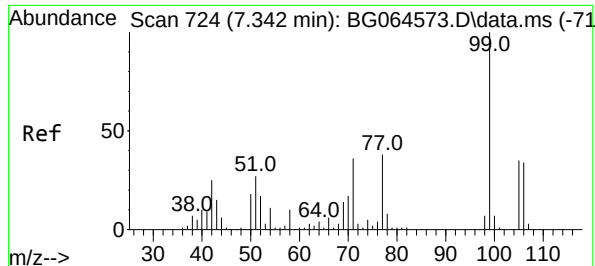
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#8
2-Chlorophenol
Concen: 36.981 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:128 Resp: 85755
Ion Ratio Lower Upper
128 100
130 31.0 13.5 53.5
64 67.9 45.2 85.2





#9

Benzaldehyde

Concen: 50.923 ng

RT: 7.341 min Scan# 724

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 77 Resp: 84516

Ion Ratio Lower Upper

77 100

105 90.1 72.9 112.9

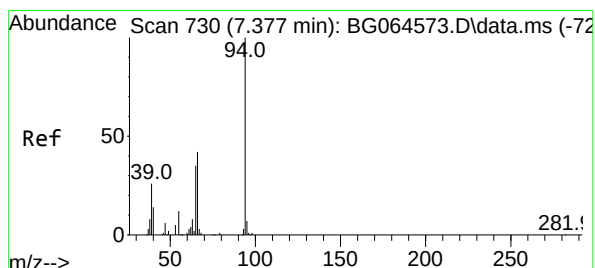
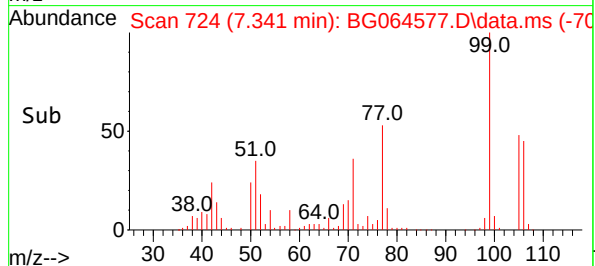
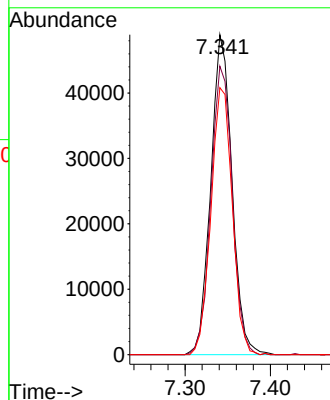
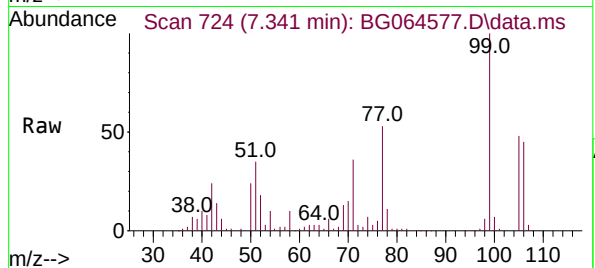
106 83.4 70.8 110.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#10

Phenol

Concen: 36.410 ng

RT: 7.376 min Scan# 730

Delta R.T. -0.010 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

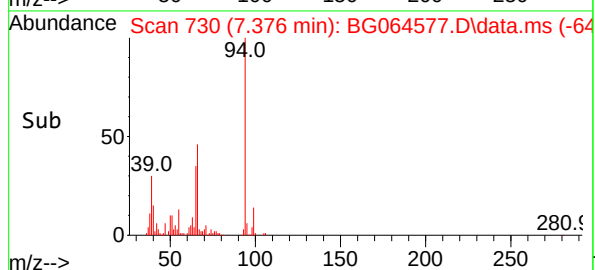
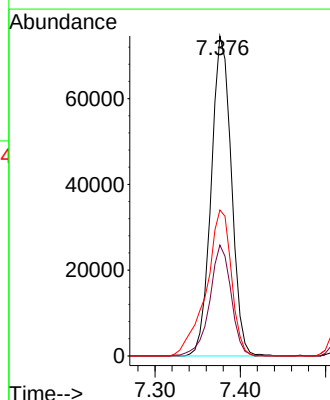
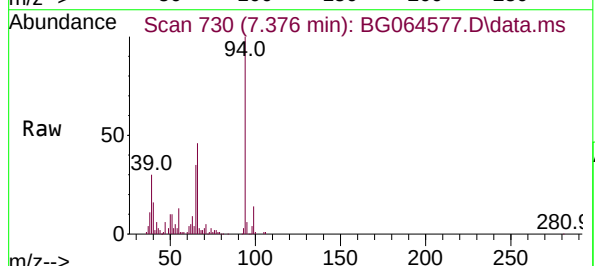
Tgt Ion: 94 Resp: 122412

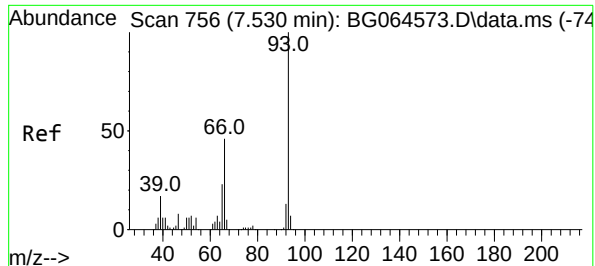
Ion Ratio Lower Upper

94 100

65 34.6 15.8 55.8

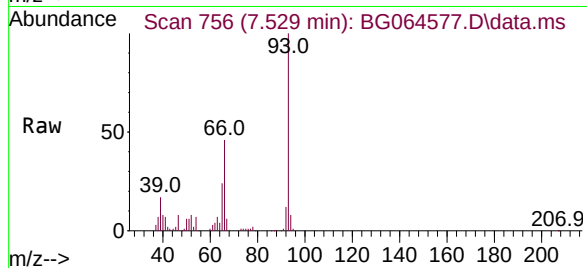
66 45.6 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 38.118 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

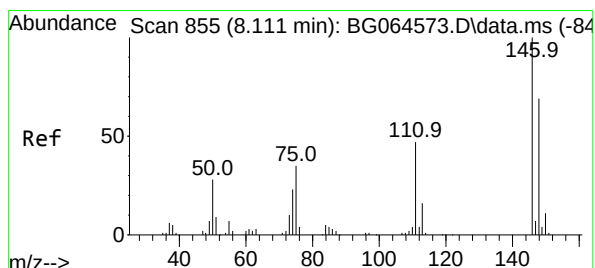
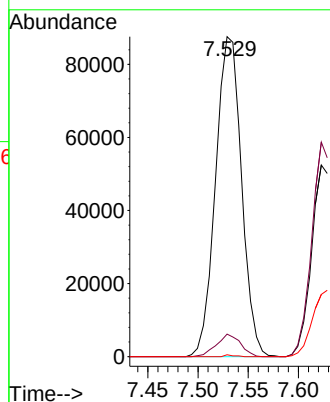
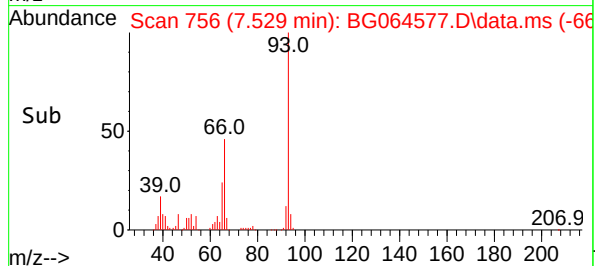
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 93 Resp: 157683
Ion Ratio Lower Upper
93 100
63 7.0 0.0 27.4
95 0.6 0.0 20.2

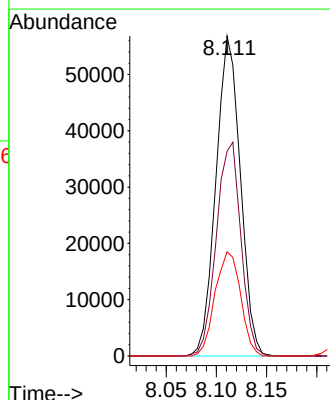
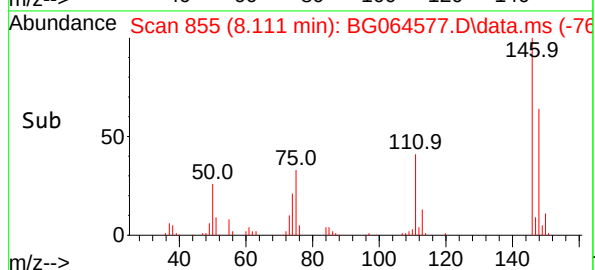
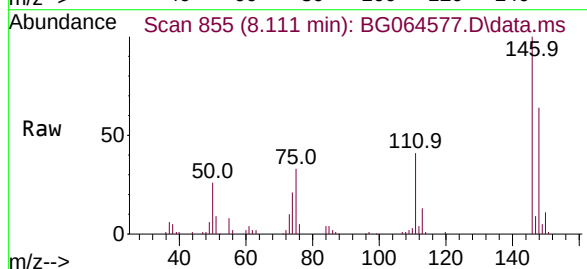
Manual Integrations
APPROVED

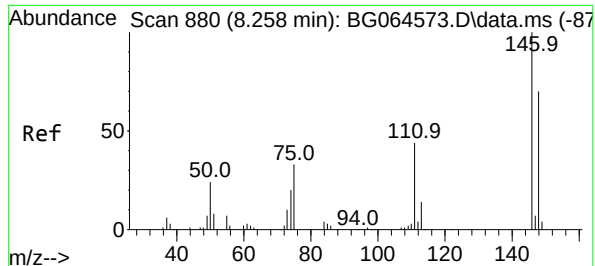
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#12
1,3-Dichlorobenzene
Concen: 36.085 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:146 Resp: 96308
Ion Ratio Lower Upper
146 100
148 63.9 55.3 82.9
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 37.635 ng

RT: 8.257 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:146 Resp: 102132

Ion Ratio Lower Upper

146 100

148 67.2 56.2 84.4

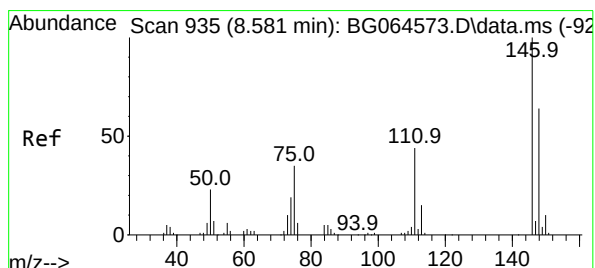
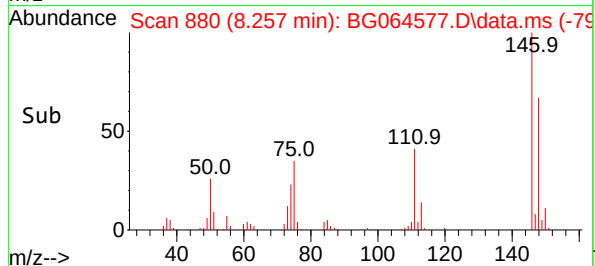
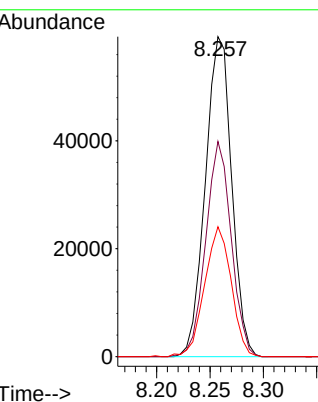
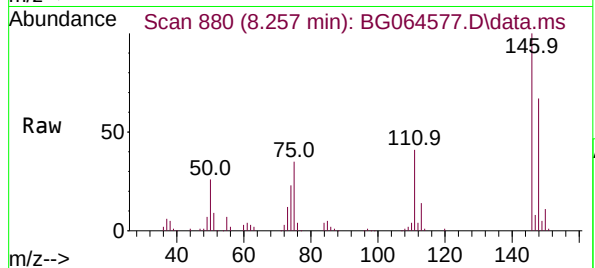
111 40.6 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#14

1,2-Dichlorobenzene

Concen: 36.924 ng

RT: 8.581 min Scan# 935

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

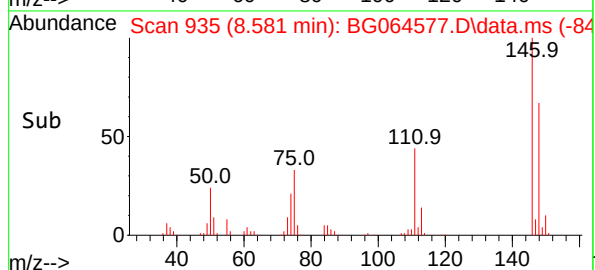
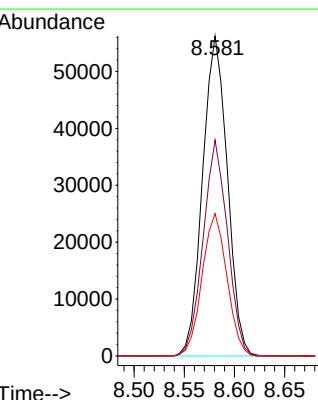
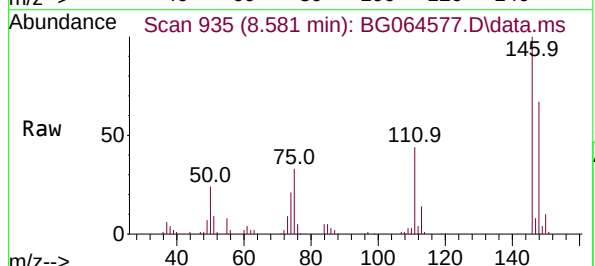
Tgt Ion:146 Resp: 96651

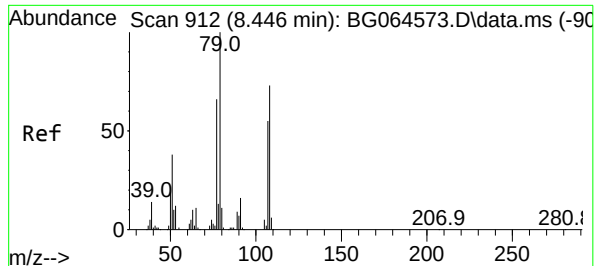
Ion Ratio Lower Upper

146 100

148 67.4 51.5 77.3

111 44.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 37.995 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.010 min

Lab File: BG064577.D

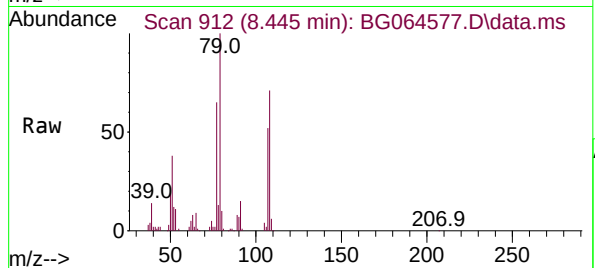
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



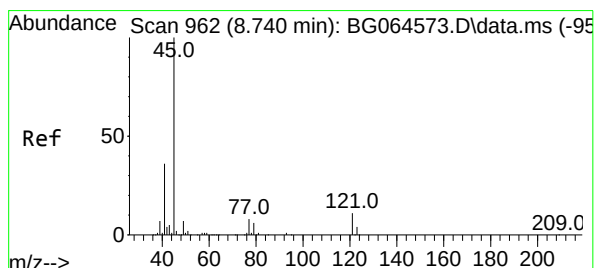
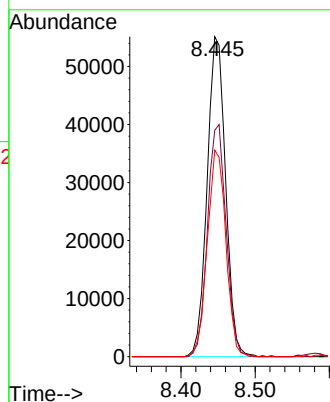
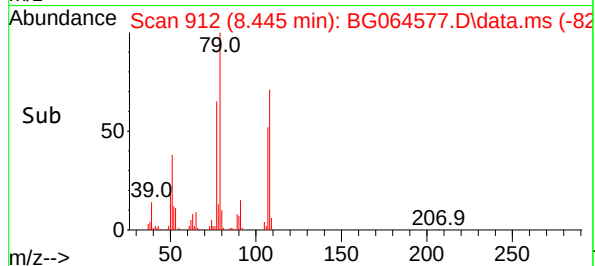
Tgt Ion:	79	Resp:	95250
Ion	Ratio	Lower	Upper
79	100		
108	70.7	58.1	87.1
77	64.5	52.8	79.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#16

2,2'-oxybis(1-Chloropropane)

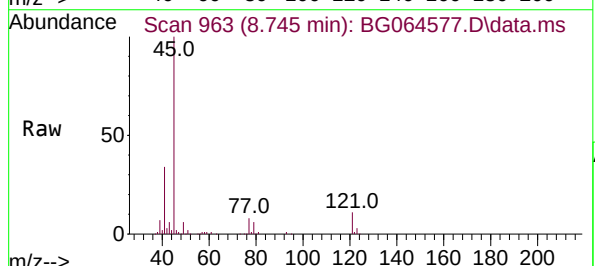
Concen: 36.163 ng

RT: 8.745 min Scan# 963

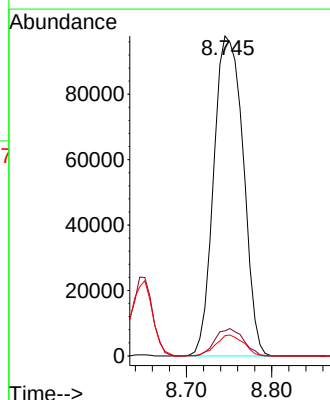
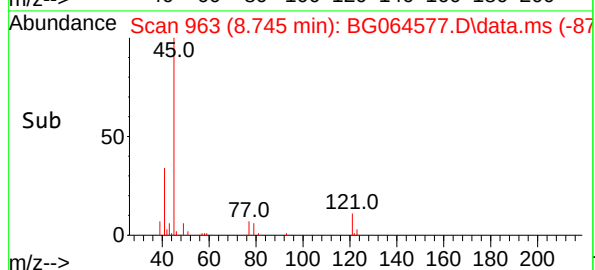
Delta R.T. 0.002 min

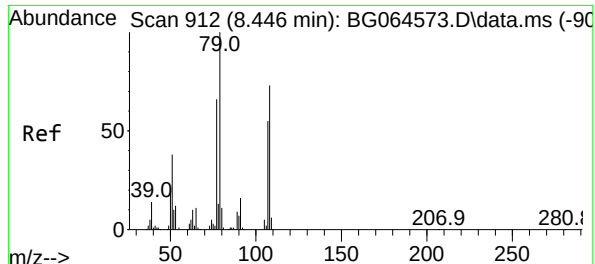
Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



Tgt Ion:	45	Resp:	234476
Ion	Ratio	Lower	Upper
45	100		
77	7.8	0.0	28.5
79	6.3	0.0	25.6





#17

2-Methylphenol

Concen: 38.945 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.004 min

Lab File: BG064577.D

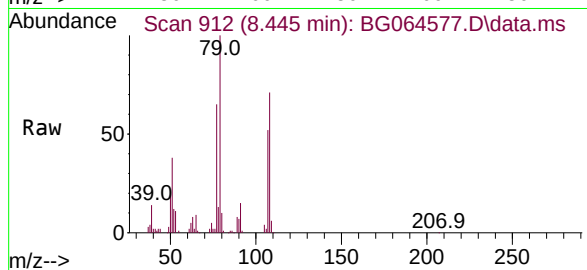
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:107 Resp: 4880

Ion Ratio Lower Upper

107 100

108 137.1 106.4 159.6

77 125.1 96.7 145.1

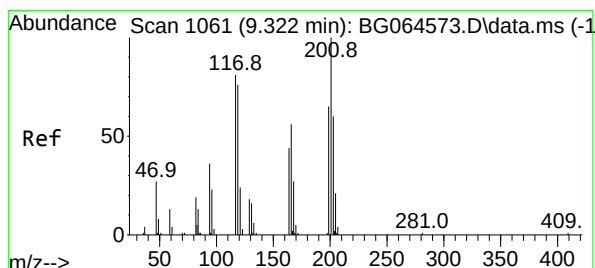
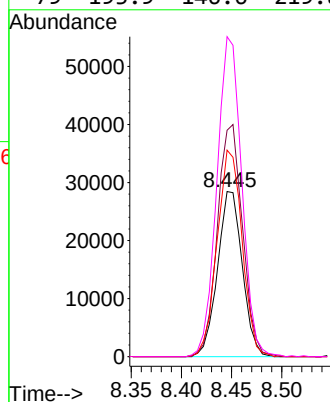
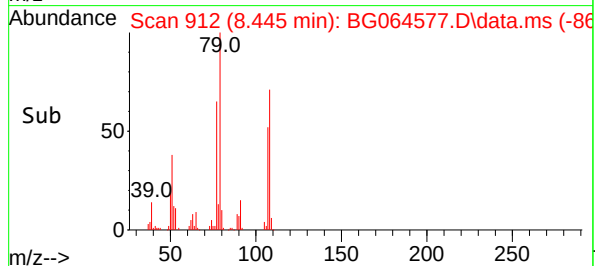
79 193.9 146.6 219.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#18

Hexachloroethane

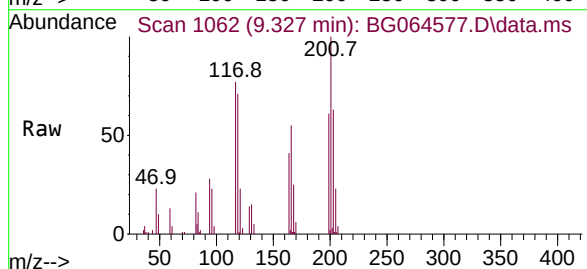
Concen: 35.743 ng

RT: 9.327 min Scan# 1062

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



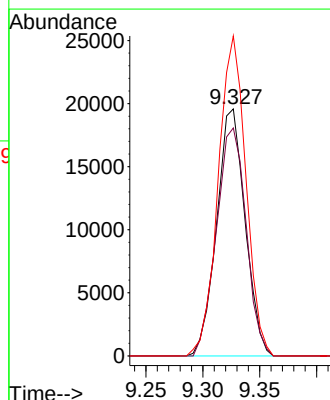
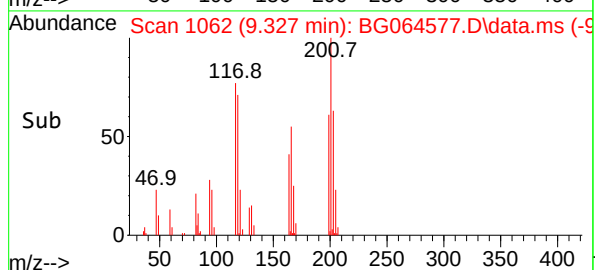
Tgt Ion:117 Resp: 34040

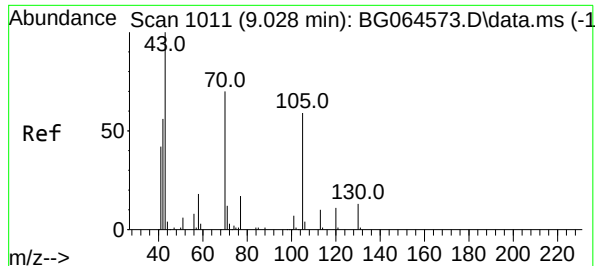
Ion Ratio Lower Upper

117 100

119 92.3 75.4 113.2

201 129.6 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.572 ng

RT: 9.027 min Scan# 1011

Delta R.T. -0.004 min

Lab File: BG064577.D

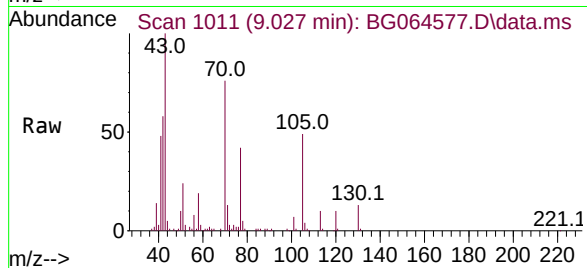
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion: 70 Resp: 83140

Ion Ratio Lower Upper

70 100

42 76.9 65.2 97.8

101 9.1 7.9 11.9

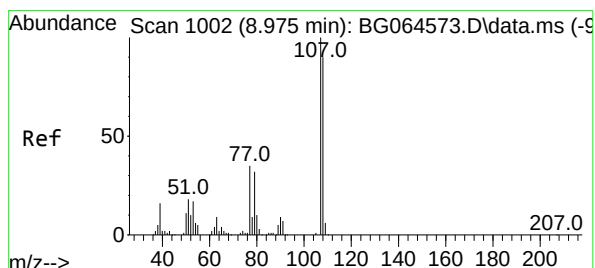
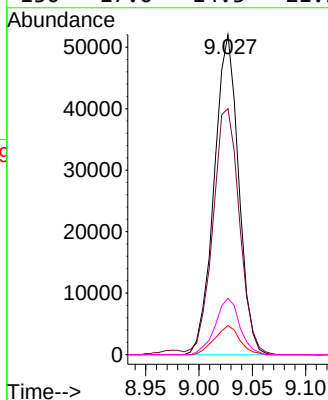
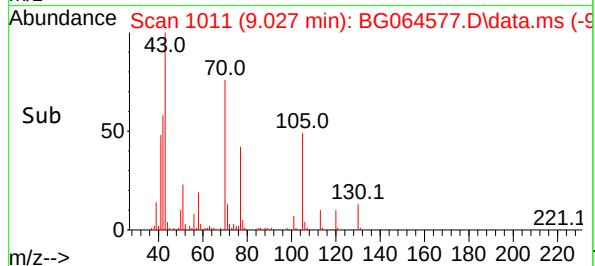
130 17.6 14.3 21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#20

3+4-Methylphenols

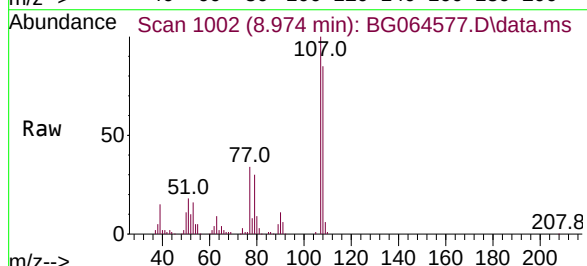
Concen: 37.882 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.010 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



Tgt Ion:107 Resp: 118917

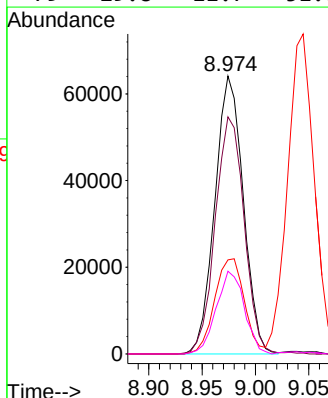
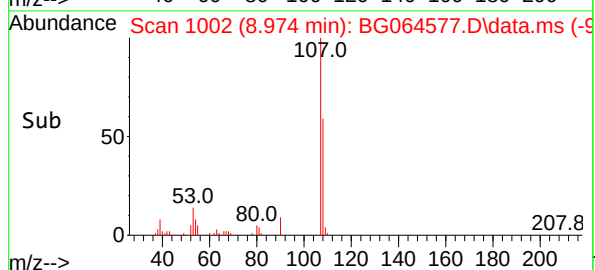
Ion Ratio Lower Upper

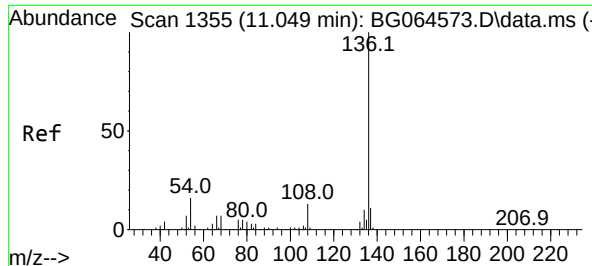
107 100

108 85.3 70.3 110.3

77 33.8 14.6 54.6

79 29.8 11.7 51.7





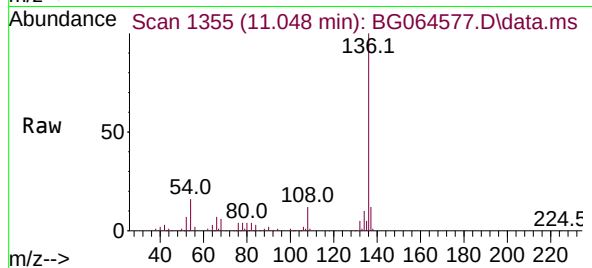
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

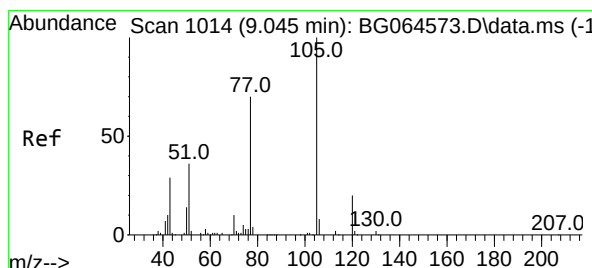
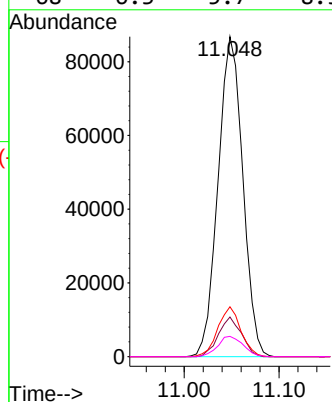
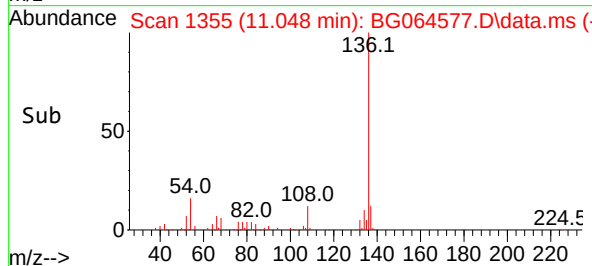


Tgt Ion:136 Resp: 157125
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 15.6 12.6 19.0
68 6.3 5.7 8.5

Manual Integrations

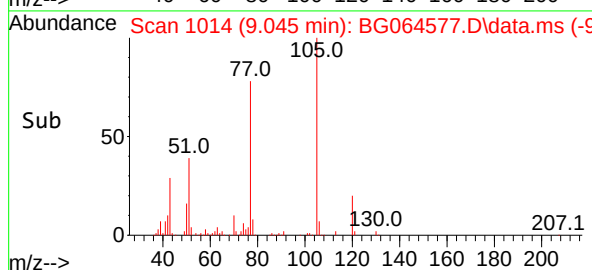
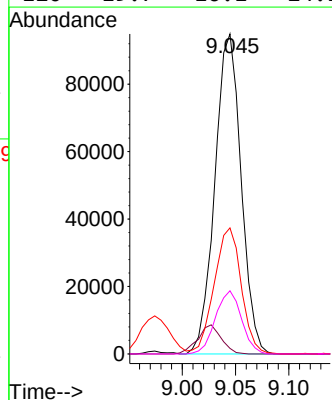
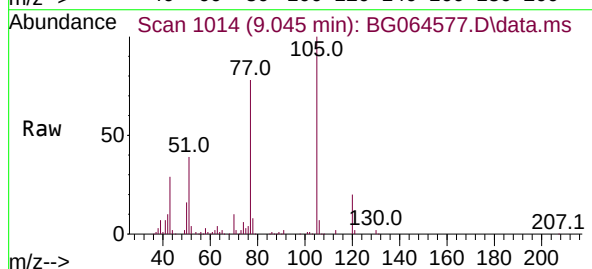
APPROVED

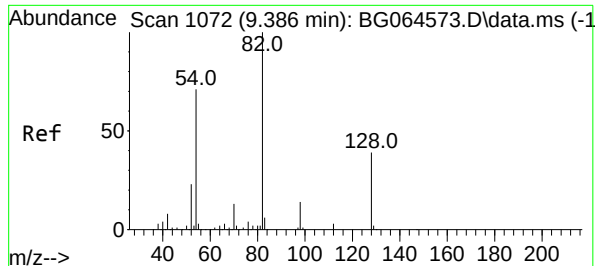
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#22
Acetophenone
Concen: 37.806 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:105 Resp: 162385
Ion Ratio Lower Upper
105 100
71 1.7 1.5 2.3
51 39.4 33.7 50.5
120 19.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 76.738 ng

RT: 9.386 min Scan# 1072

Delta R.T. -0.005 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion: 82 Resp: 200749

Ion Ratio Lower Upper

82 100

128 39.4 31.3 46.9

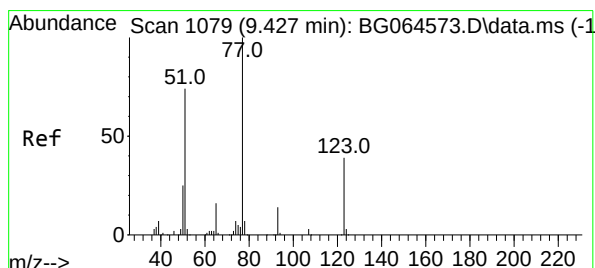
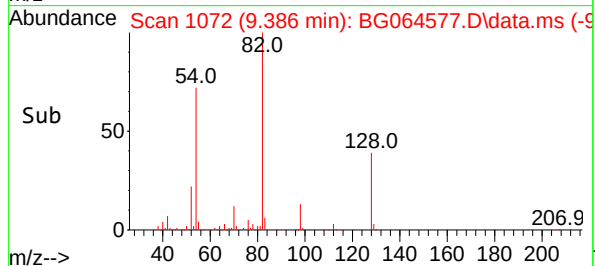
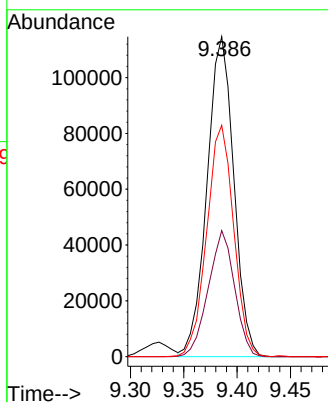
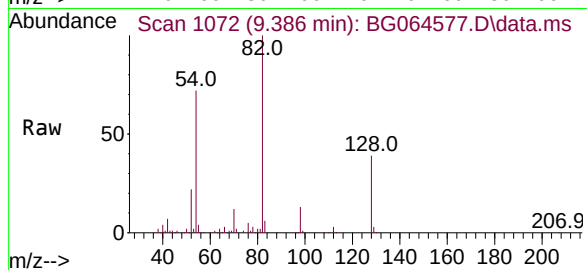
54 72.3 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#24

Nitrobenzene

Concen: 39.305 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

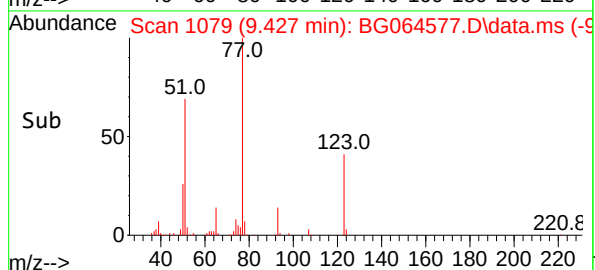
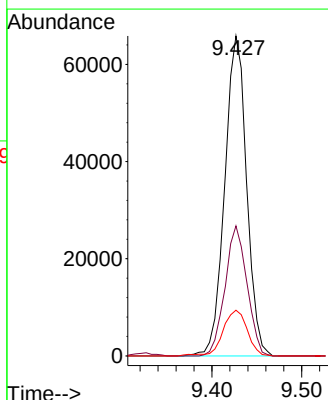
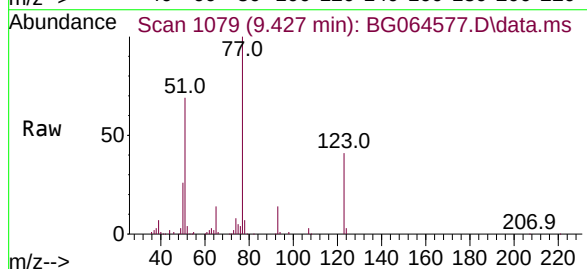
Tgt Ion: 77 Resp: 111836

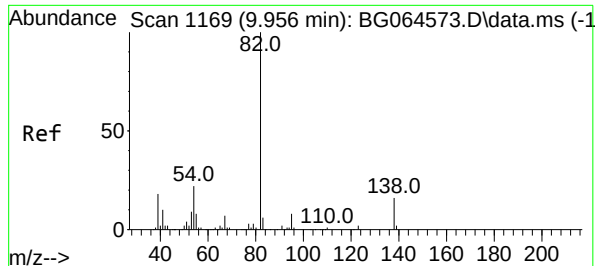
Ion Ratio Lower Upper

77 100

123 40.6 31.0 46.6

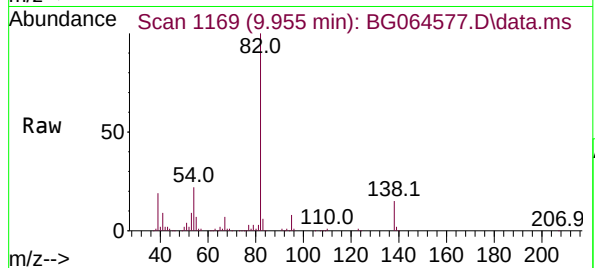
65 14.3 12.7 19.1





#25
Isophorone
Concen: 37.733 ng
RT: 9.955 min Scan# 1169
Delta R.T. -0.011 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

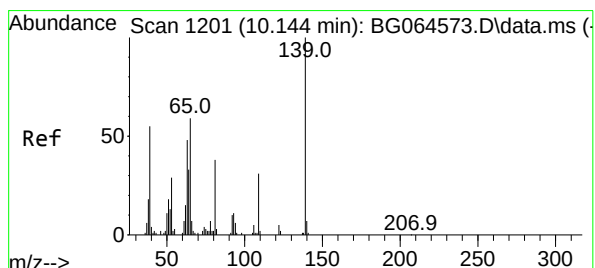
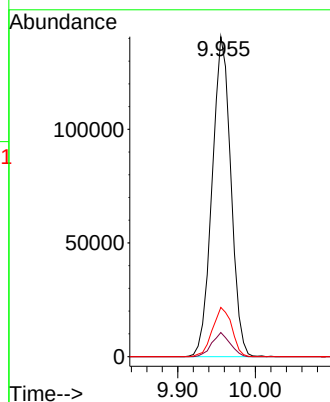
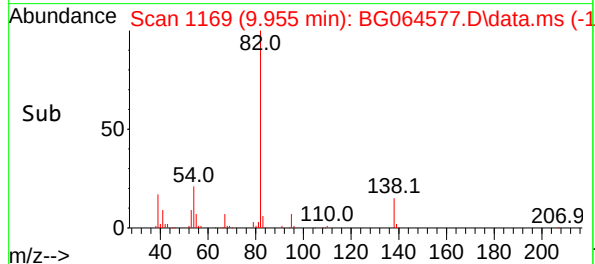
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 82 Resp: 236860
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.4 13.0 19.4

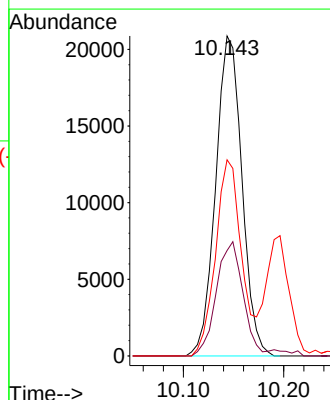
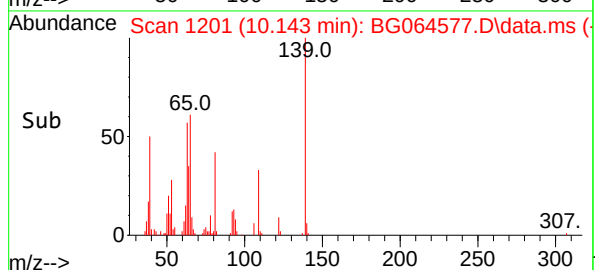
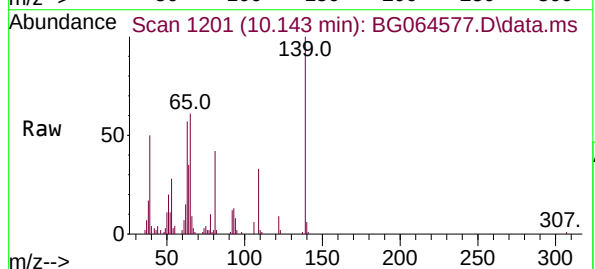
Manual Integrations
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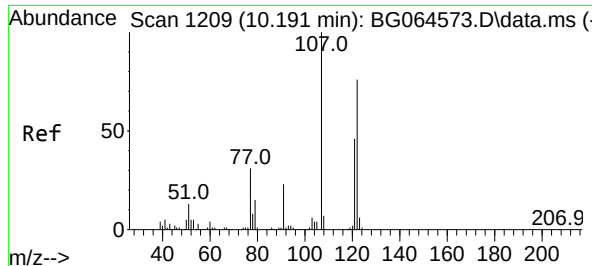
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#26
2-Nitrophenol
Concen: 35.498 ng
RT: 10.143 min Scan# 1201
Delta R.T. -0.005 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

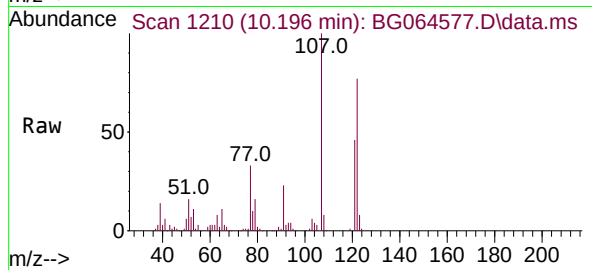
Tgt Ion:139 Resp: 38013
Ion Ratio Lower Upper
139 100
109 32.9 24.6 37.0
65 61.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 41.336 ng m
RT: 10.196 min Scan# 1210
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

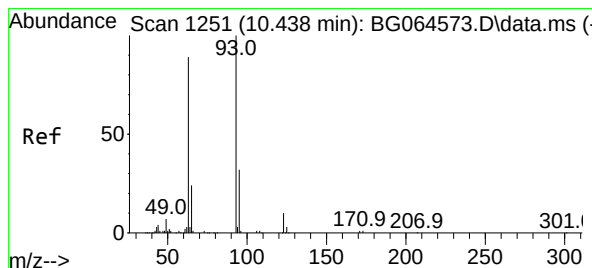
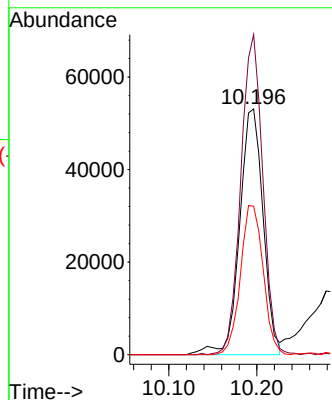
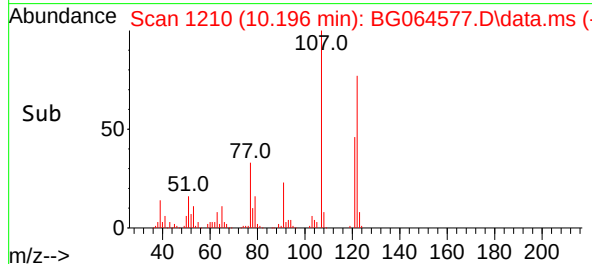
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:122 Resp: 98450
Ion Ratio Lower Upper
122 100
107 130.3 103.0 154.4
121 60.4 47.8 71.8

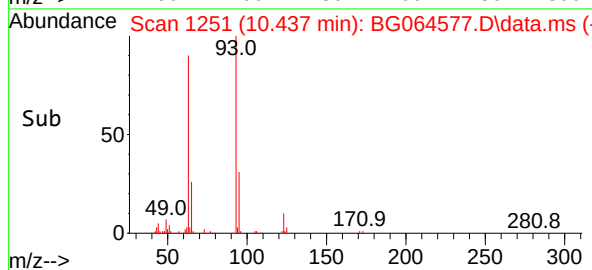
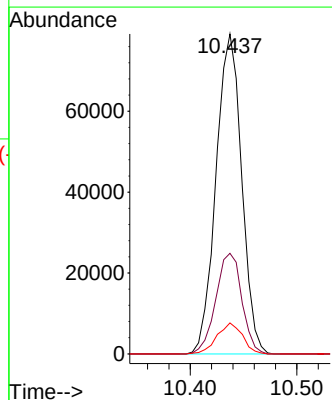
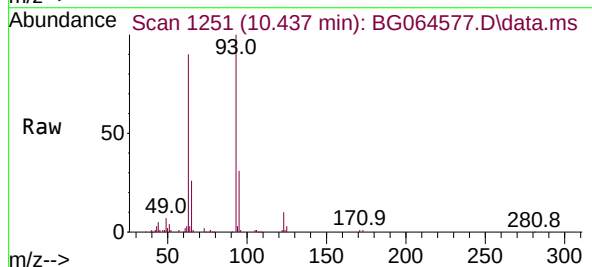
Manual Integrations
APPROVED

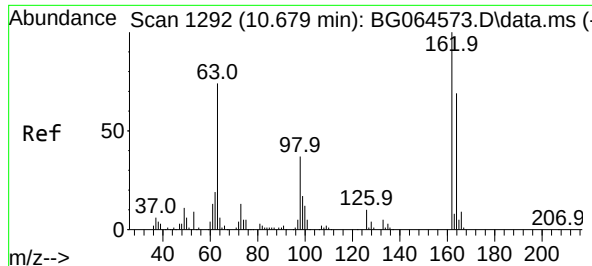
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.953 ng
RT: 10.437 min Scan# 1251
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 93 Resp: 132072
Ion Ratio Lower Upper
93 100
95 31.4 25.4 38.2
123 9.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 38.190 ng

RT: 10.684 min Scan# 1292

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

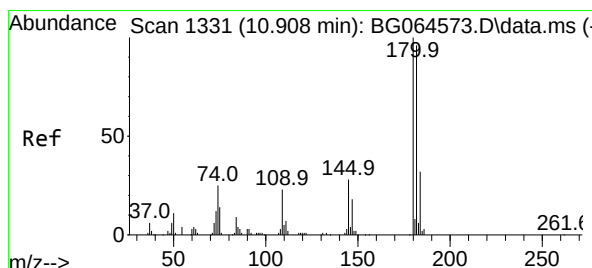
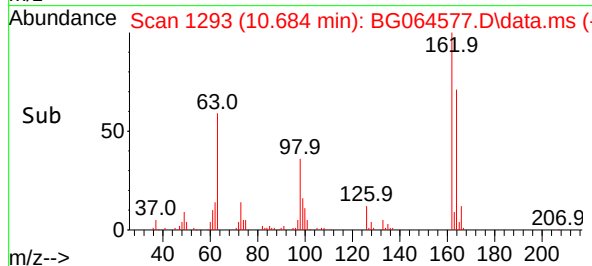
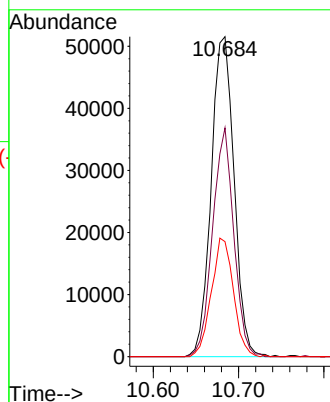
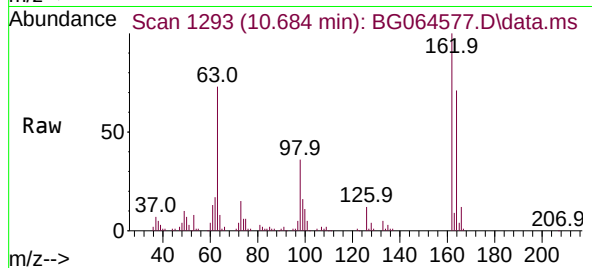
Tgt Ion:	162	Resp:	95966
Ion Ratio	Lower	Upper	
162	100		
164	71.5	48.7	88.7
98	35.9	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.945 ng

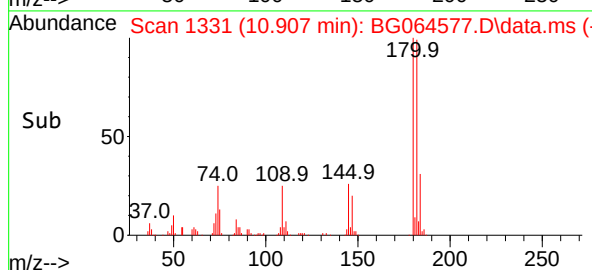
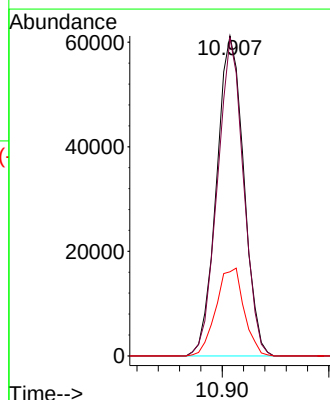
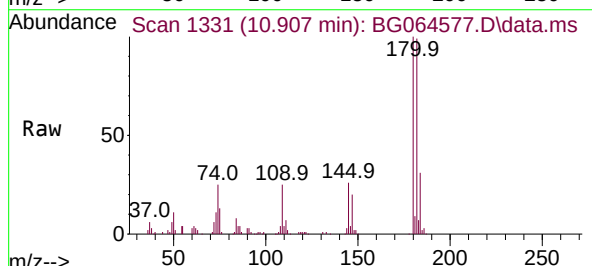
RT: 10.907 min Scan# 1331

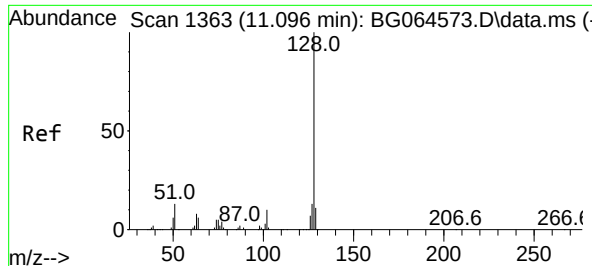
Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

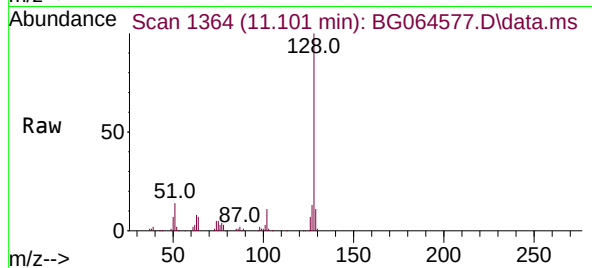
Tgt Ion:	180	Resp:	108339
Ion Ratio	Lower	Upper	
180	100		
182	99.3	76.9	115.3
145	26.3	22.1	33.1





#31
Naphthalene
Concen: 35.709 ng
RT: 11.101 min Scan# 1364
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

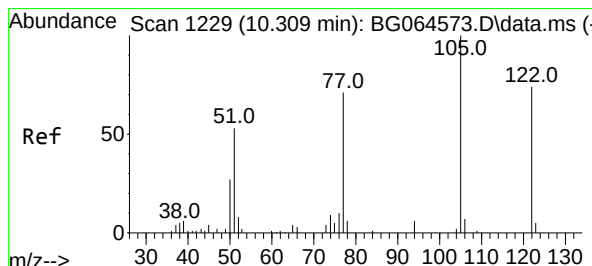
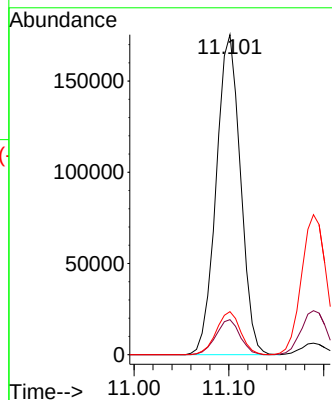
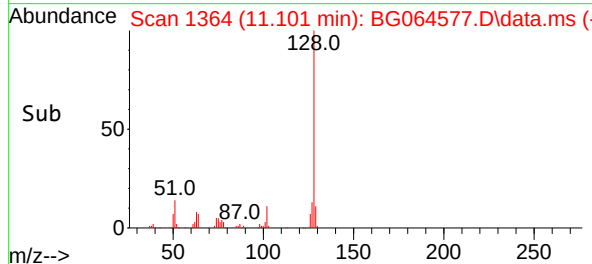
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:128 Resp: 311084
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8

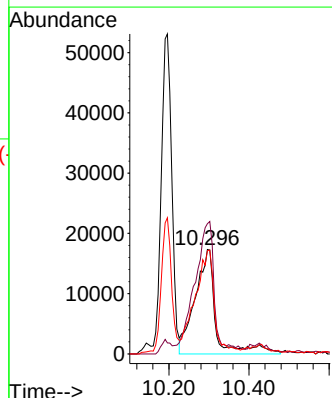
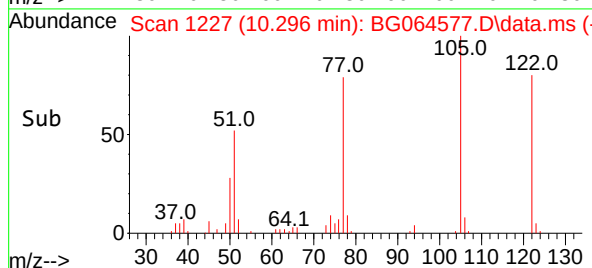
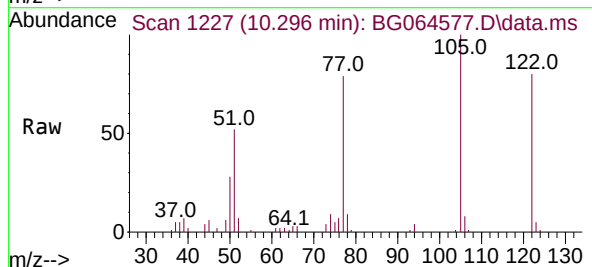
Manual Integrations
APPROVED

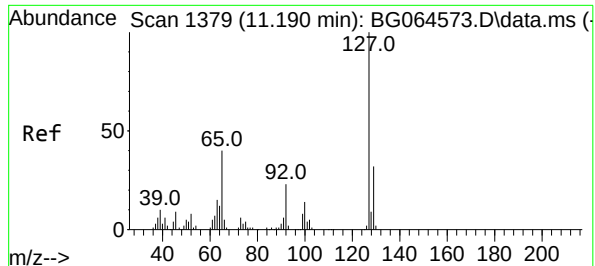
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#32
Benzoic acid
Concen: 37.924 ng m
RT: 10.296 min Scan# 1227
Delta R.T. -0.046 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

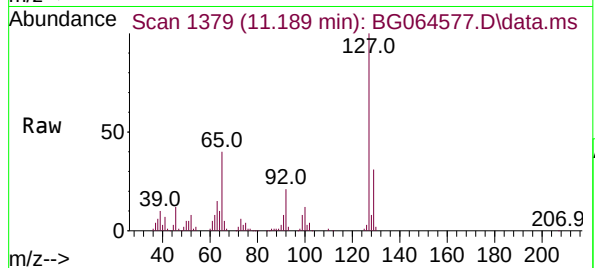
Tgt Ion:122 Resp: 62191
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 98.8 70.2 110.2





#33
4-Chloroaniline
Concen: 41.287 ng
RT: 11.189 min Scan# 1379
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

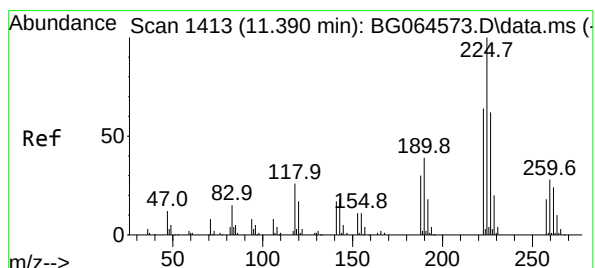
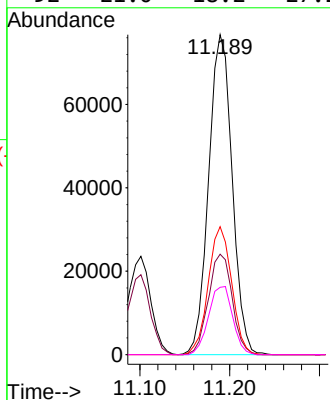
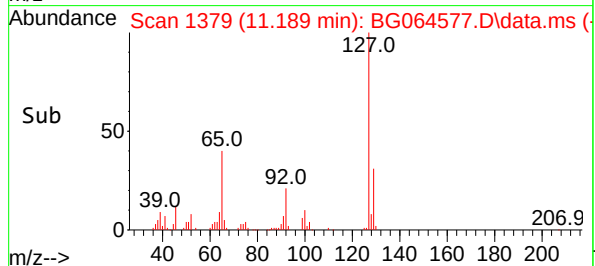
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



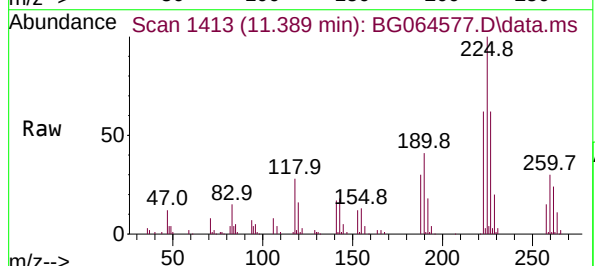
Tgt Ion:127 Resp: 139799
Ion Ratio Lower Upper
127 100
129 31.4 25.5 38.3
65 40.0 32.2 48.4
92 21.0 18.2 27.2

Manual Integrations
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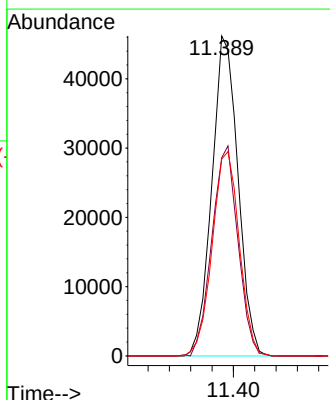
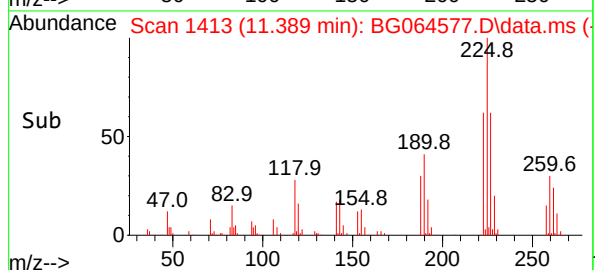
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

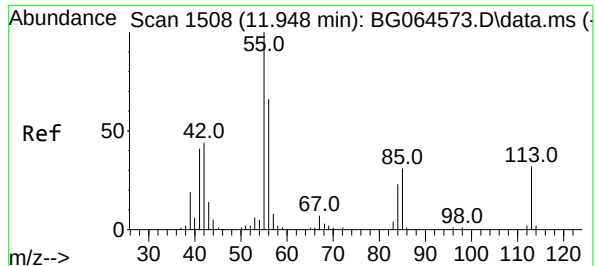


#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 11.389 min Scan# 1413
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



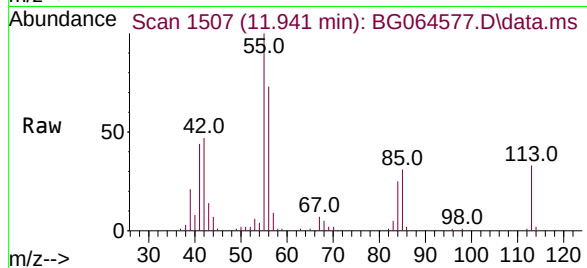
Tgt Ion:225 Resp: 78691
Ion Ratio Lower Upper
225 100
223 59.7 48.8 73.2
227 59.3 49.5 74.3





#35
 Caprolactam
 Concen: 36.326 ng
 RT: 11.941 min Scan# 1508
 Delta R.T. -0.034 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47

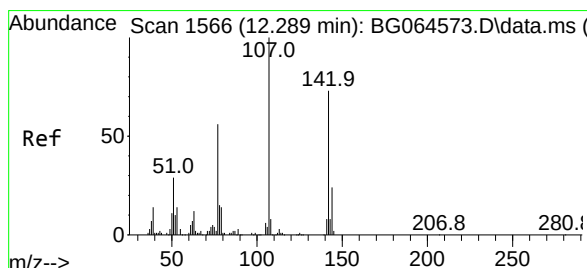
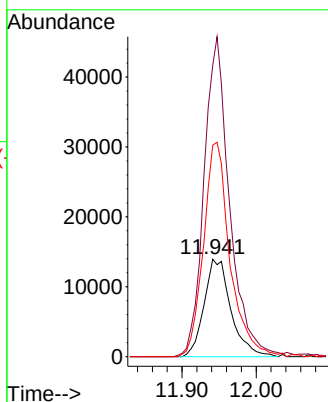
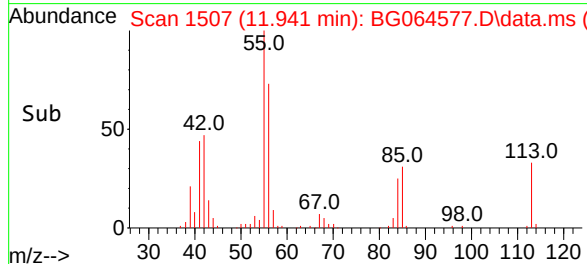
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425



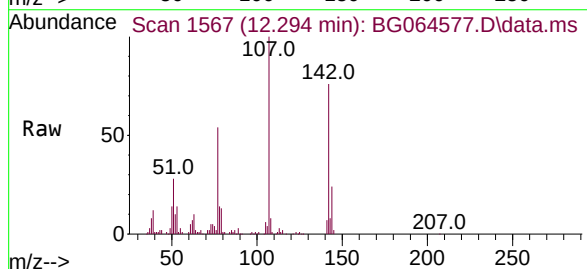
Tgt Ion:113 Resp: 3501
 Ion Ratio Lower Upper
 113 100
 55 299.0 290.1 330.1
 56 217.0 183.8 223.8

Manual Integrations
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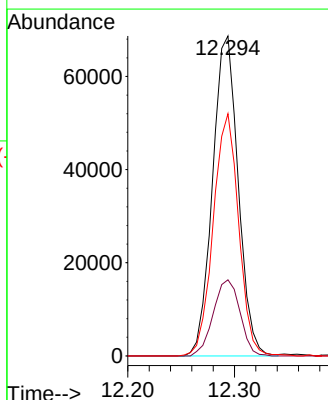
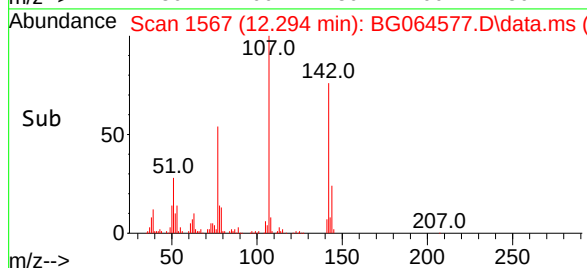
Reviewed By :Rahul Chavli 10/27/2025
 Supervised By :Jagrut Upadhyay 10/27/2025

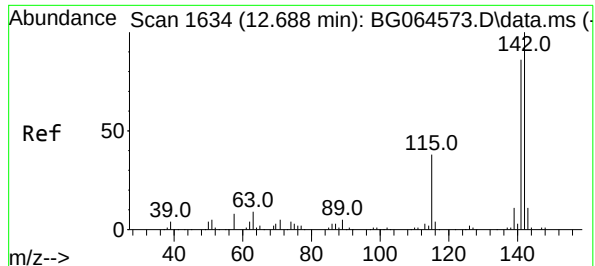


#36
 4-Chloro-3-methylphenol
 Concen: 38.049 ng
 RT: 12.294 min Scan# 1567
 Delta R.T. -0.004 min
 Lab File: BG064577.D
 Acq: 24 Oct 2025 16:47



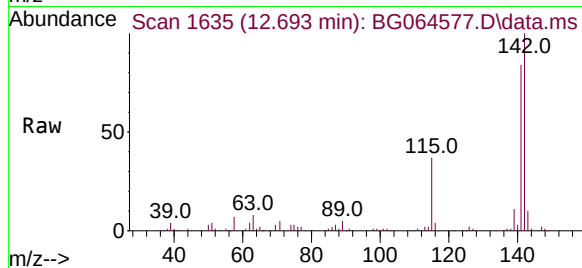
Tgt Ion:107 Resp: 114927
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.1 28.7
 142 75.7 58.6 87.8





#37
2-Methylnaphthalene
Concen: 33.388 ng
RT: 12.693 min Scan# 1635
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

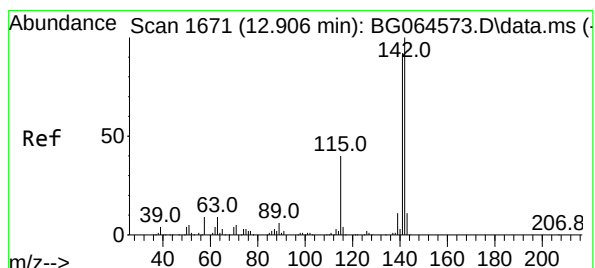
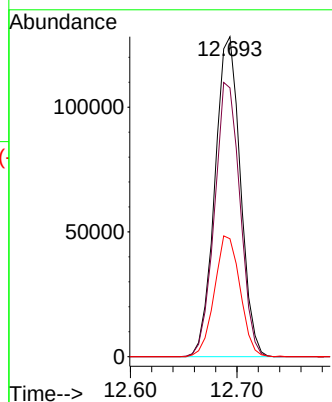
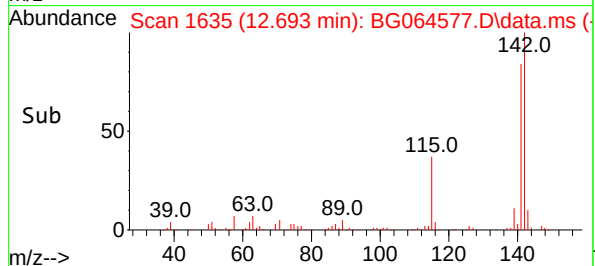
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



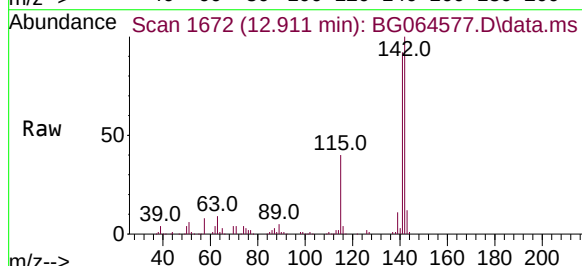
Tgt Ion:142 Resp: 213545
Ion Ratio Lower Upper
142 100
141 84.0 68.9 103.3
115 36.8 30.6 46.0

Manual Integrations
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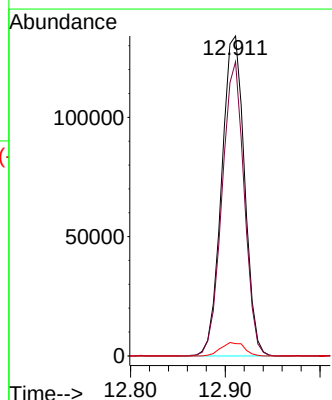
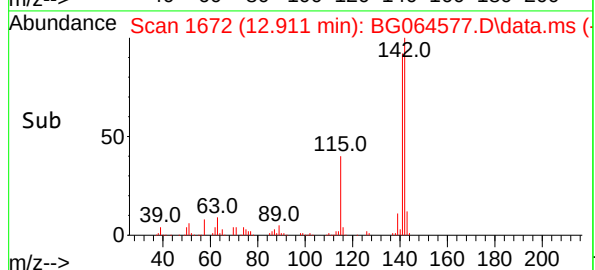
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

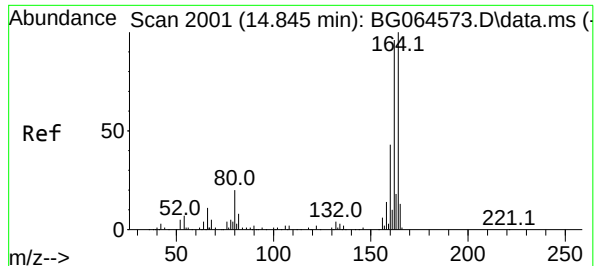


#38
1-Methylnaphthalene
Concen: 35.729 ng
RT: 12.911 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion:142 Resp: 224857
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 2001

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:164 Resp: 124202

Ion Ratio Lower Upper

164 100

162 97.8 77.0 115.6

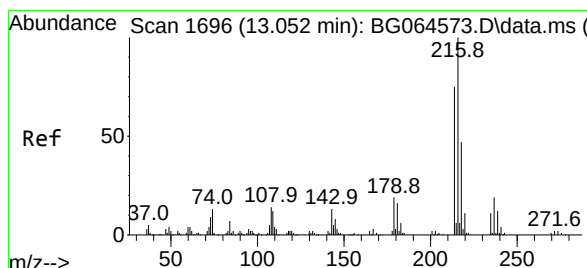
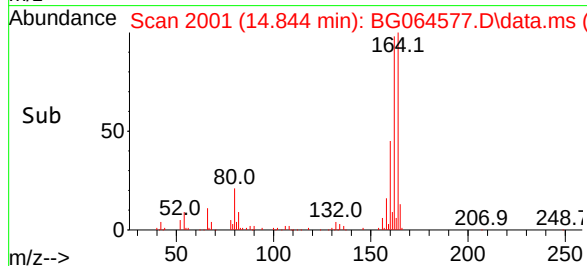
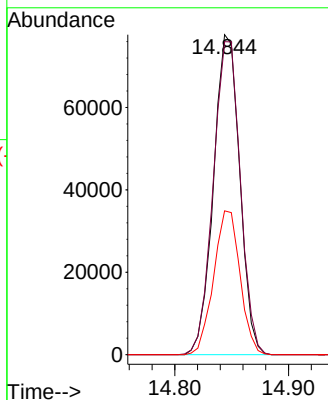
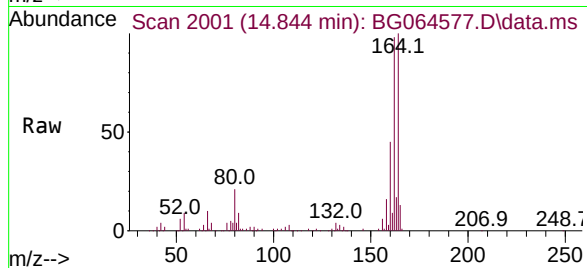
160 44.9 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.146 ng

RT: 13.052 min Scan# 1696

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Tgt Ion:216 Resp: 154838

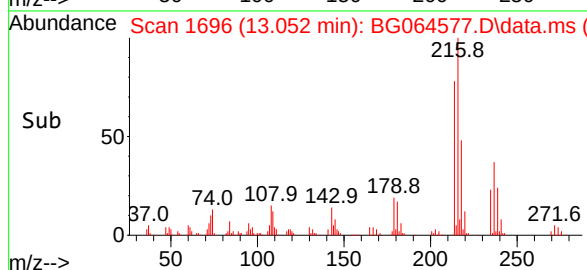
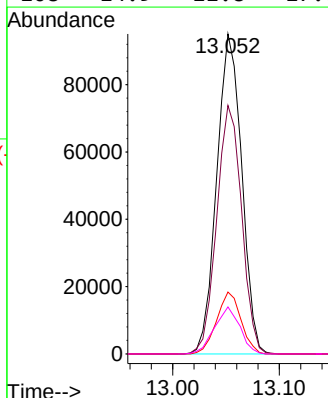
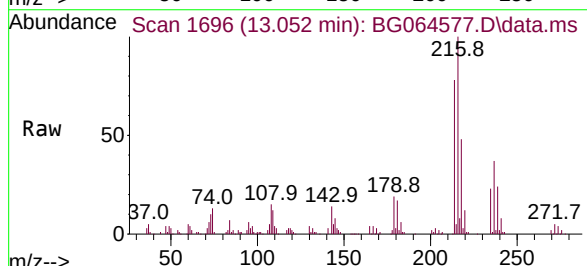
Ion Ratio Lower Upper

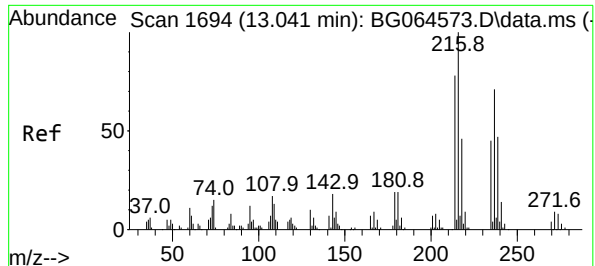
216 100

214 77.4 61.4 92.2

179 18.9 15.4 23.0

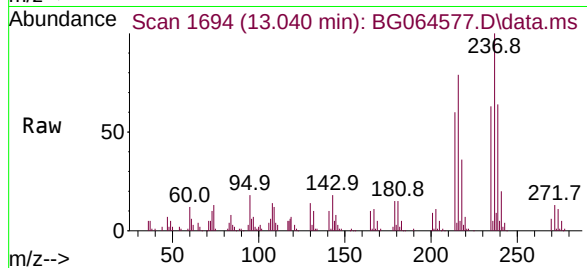
108 14.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 50.669 ng
RT: 13.040 min Scan# 1694
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

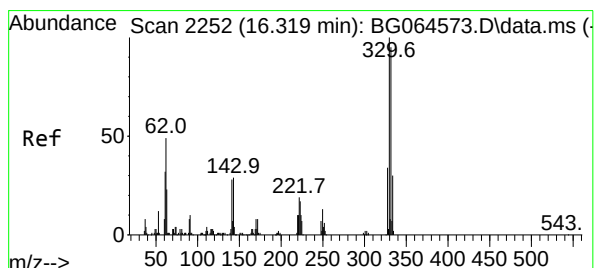
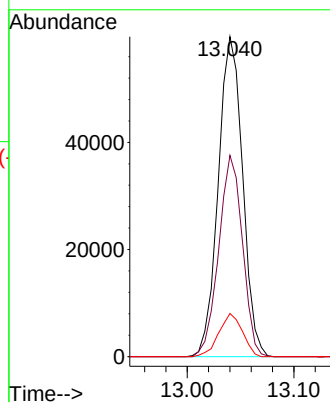
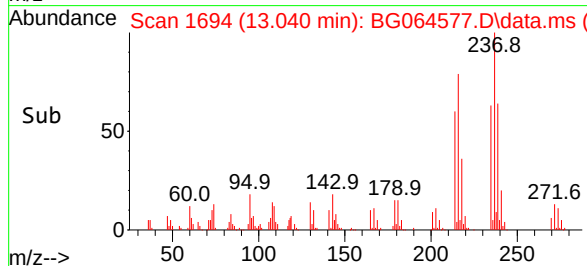
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



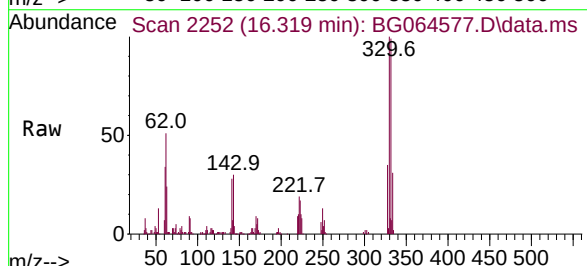
Tgt Ion: 237 Resp: 95065
Ion Ratio Lower Upper
237 100
235 62.9 44.1 84.1
272 13.5 0.0 32.4

Manual Integrations
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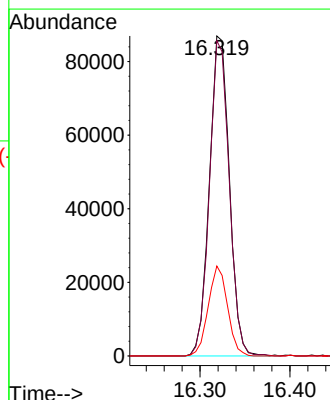
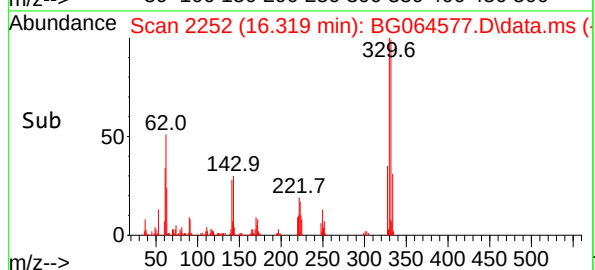
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

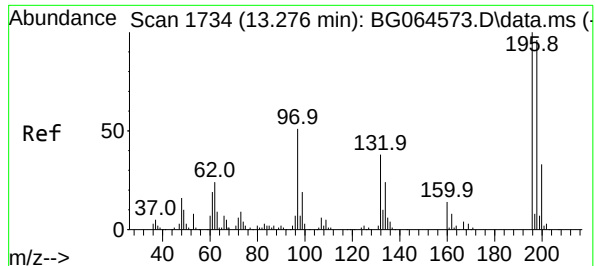


#42
2,4,6-Tribromophenol
Concen: 75.074 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



Tgt Ion: 330 Resp: 134578
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 27.0 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 38.726 ng

RT: 13.281 min Scan# 1735

Delta R.T. 0.002 min

Lab File: BG064577.D

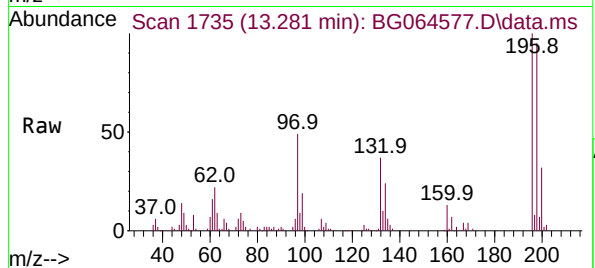
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425



Tgt Ion:196 Resp: 92335

Ion Ratio Lower Upper

196 100

198 94.8 76.6 115.0

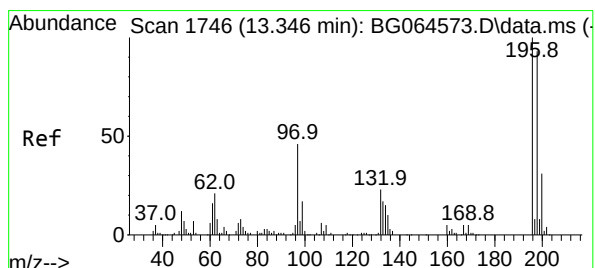
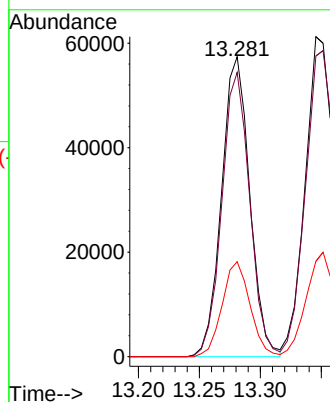
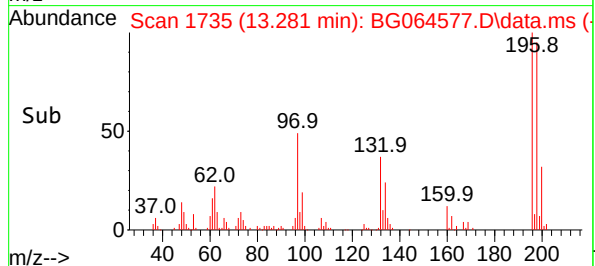
200 31.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#44

2,4,5-Trichlorophenol

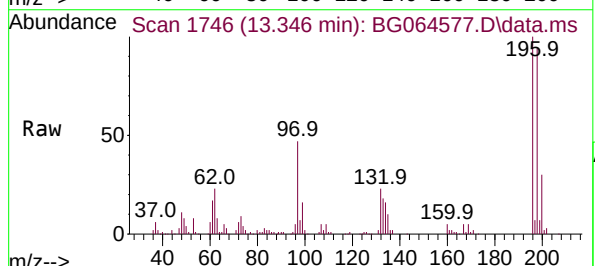
Concen: 37.228 ng

RT: 13.346 min Scan# 1746

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47



Tgt Ion:196 Resp: 102433

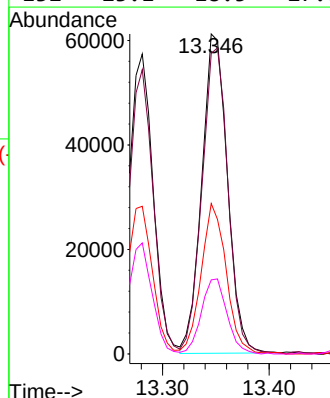
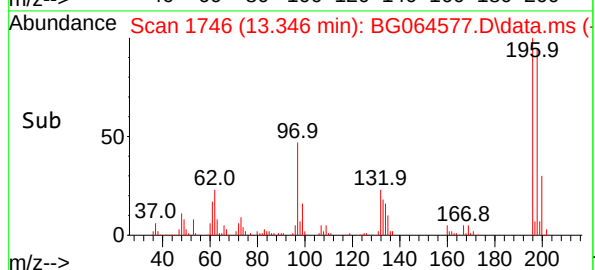
Ion Ratio Lower Upper

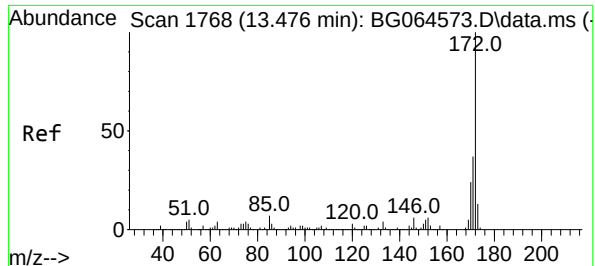
196 100

198 93.9 74.2 111.4

97 47.0 37.0 55.6

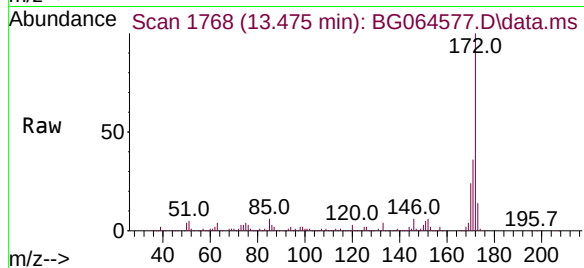
132 23.1 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 13.475 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

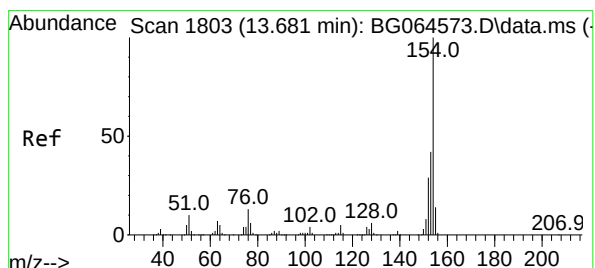
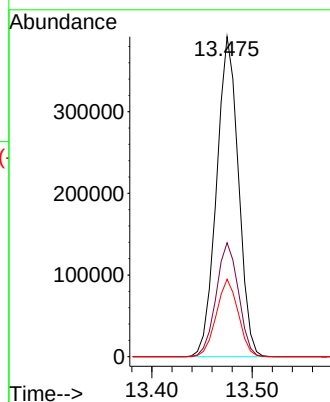
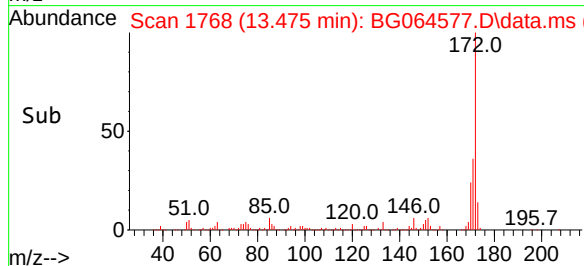
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



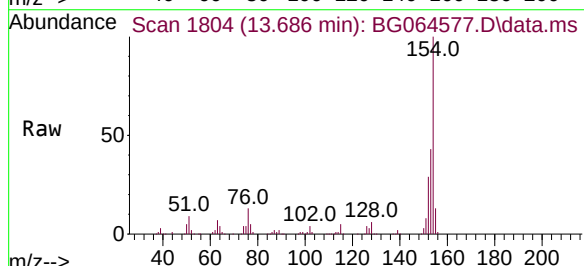
Tgt Ion:172 Resp: 59488
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 19.1 28.7

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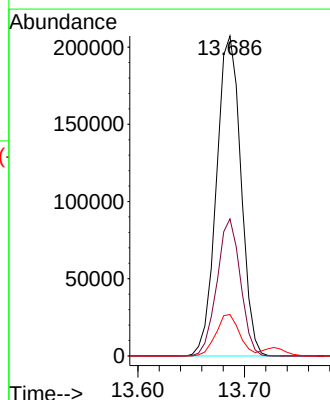
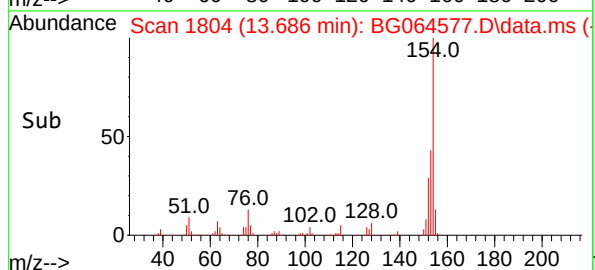
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

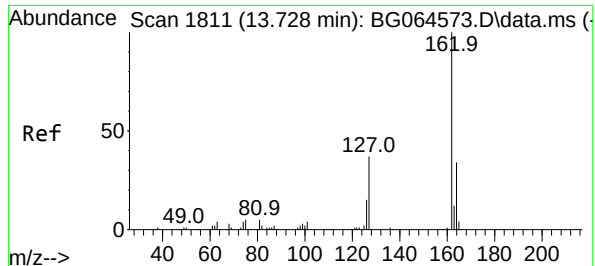


#46
1,1'-Biphenyl
Concen: 37.331 ng
RT: 13.686 min Scan# 1804
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



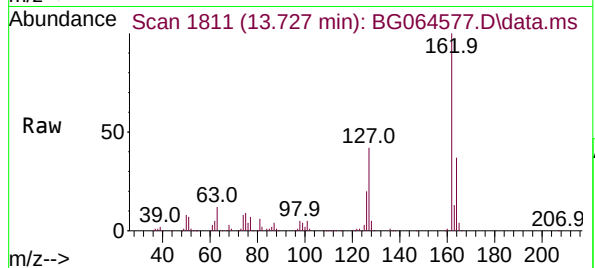
Tgt Ion:154 Resp: 329629
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 12.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 36.205 ng
RT: 13.727 min Scan# 1811
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

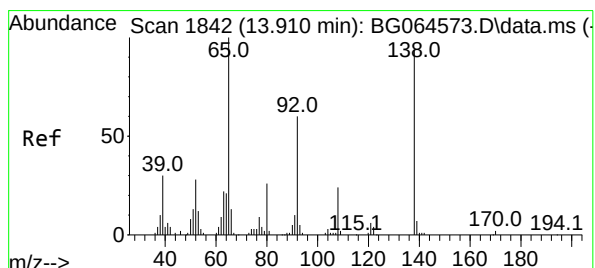
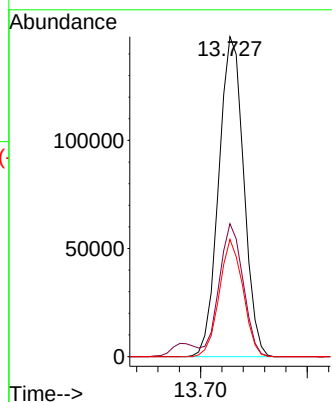
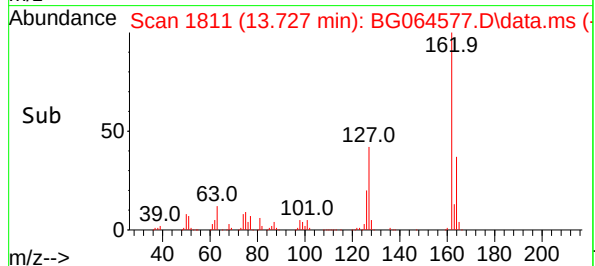
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:162 Resp: 241311
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.2
164 36.6 27.5 41.3

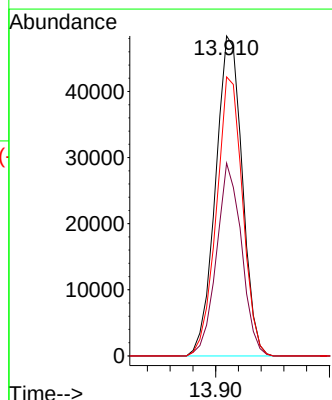
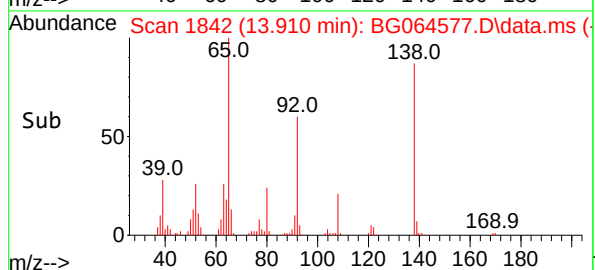
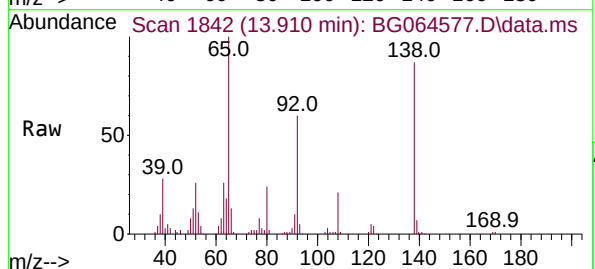
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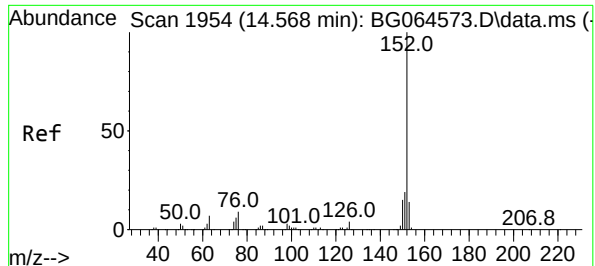
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#48
2-Nitroaniline
Concen: 36.129 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion: 65 Resp: 78927
Ion Ratio Lower Upper
65 100
92 60.2 48.3 72.5
138 87.2 74.9 112.3





#49

Acenaphthylene

Concen: 41.457 ng

RT: 14.568 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:152 Resp: 435836

Ion Ratio Lower Upper

152 100

151 20.5 15.4 23.2

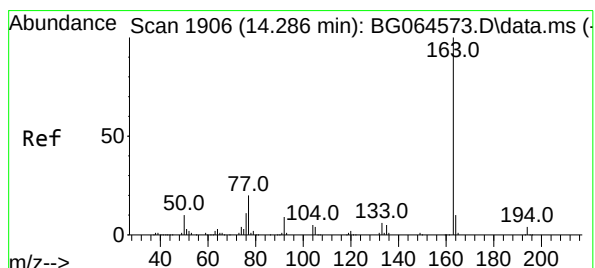
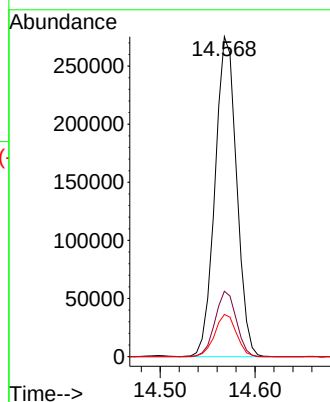
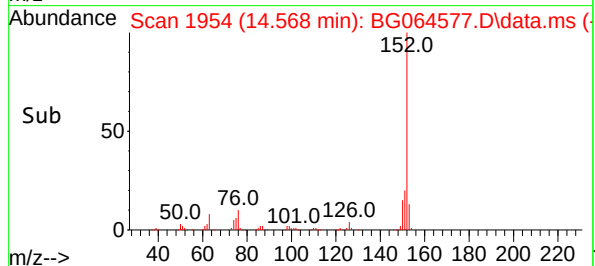
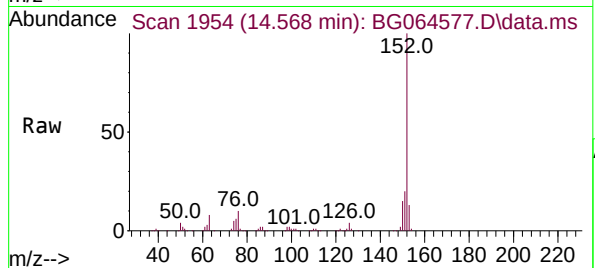
153 13.2 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#50

Dimethylphthalate

Concen: 36.890 ng

RT: 14.292 min Scan# 1907

Delta R.T. 0.002 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

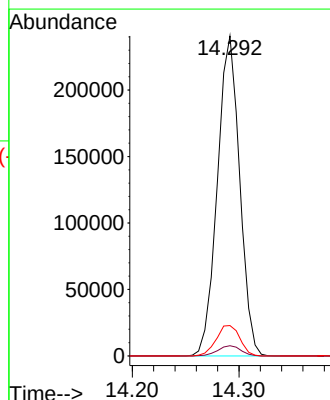
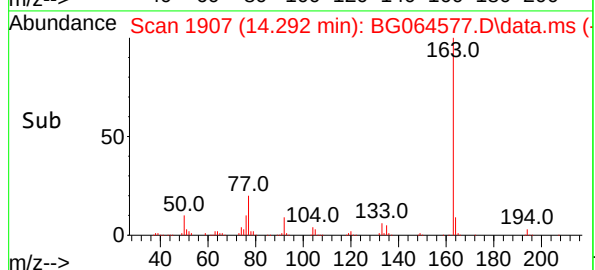
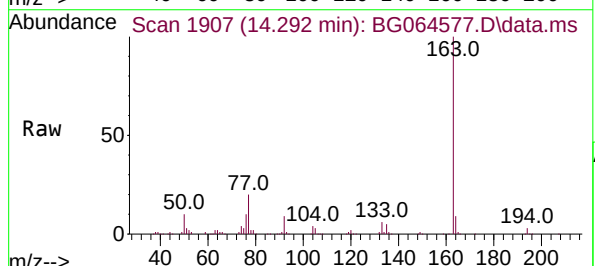
Tgt Ion:163 Resp: 350600

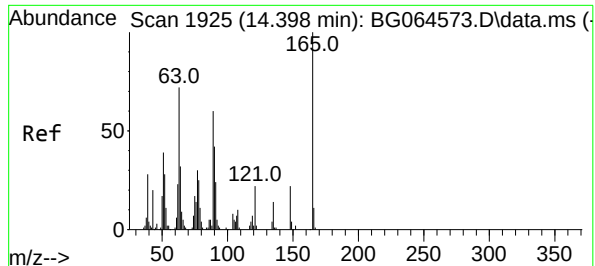
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

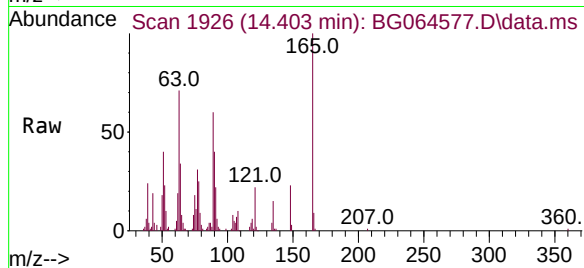
164 9.5 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 39.971 ng
RT: 14.403 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

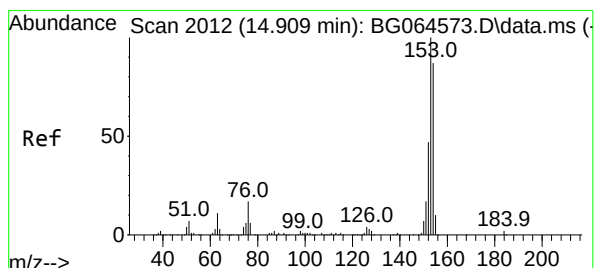
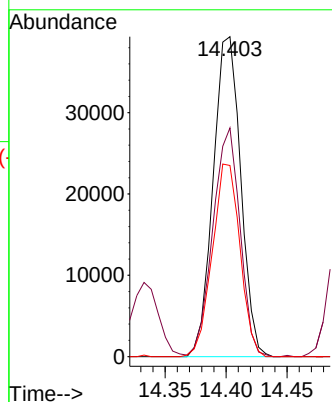
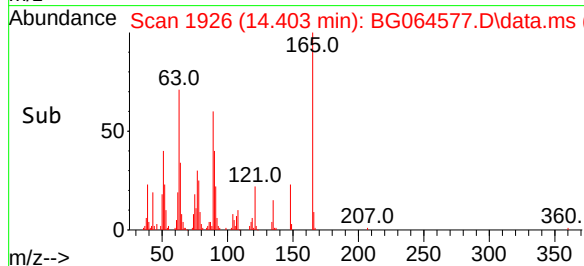
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:165 Resp: 61784
Ion Ratio Lower Upper
165 100
63 71.5 57.4 86.0
89 59.7 47.8 71.8

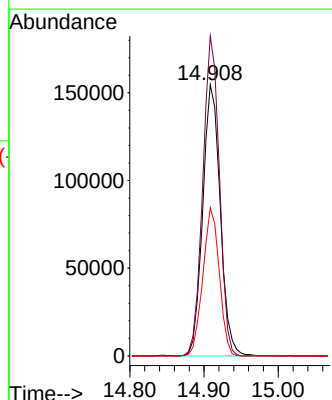
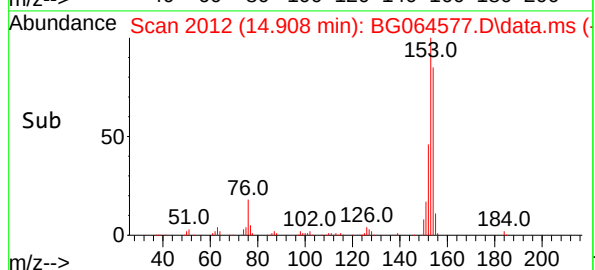
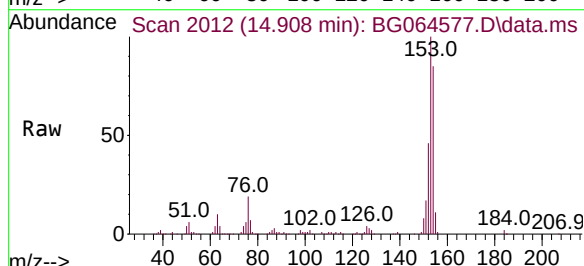
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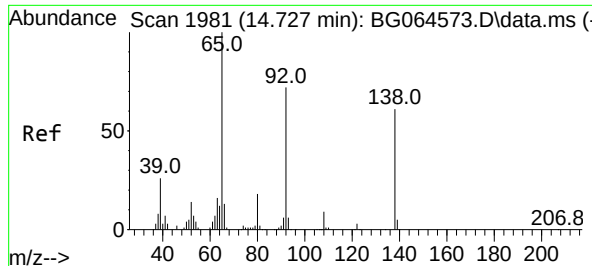
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#52
Acenaphthene
Concen: 35.340 ng
RT: 14.908 min Scan# 2012
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:154 Resp: 253833
Ion Ratio Lower Upper
154 100
153 118.0 92.2 138.4
152 54.6 43.2 64.8





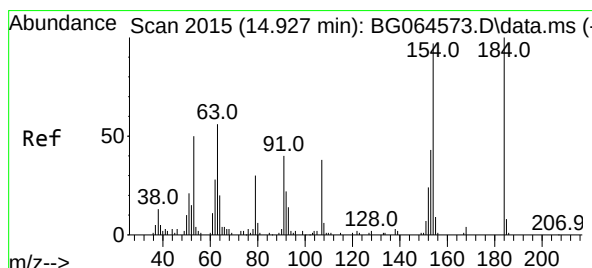
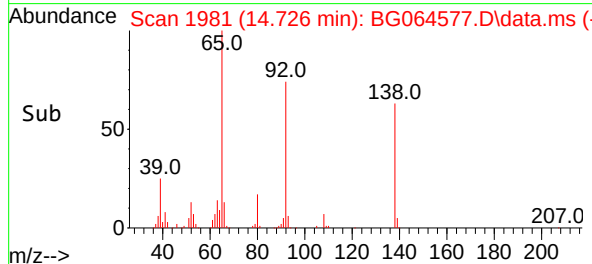
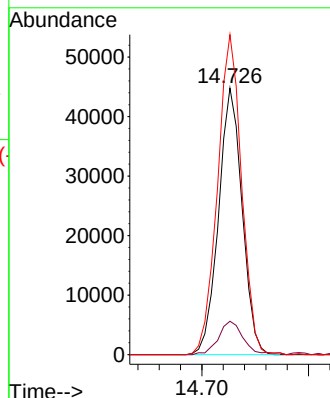
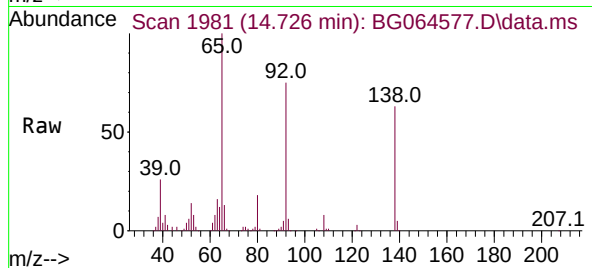
#53
3-Nitroaniline
Concen: 42.080 ng
RT: 14.726 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Tgt Ion:138 Resp: 68729
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.0
92 120.1 95.3 142.9

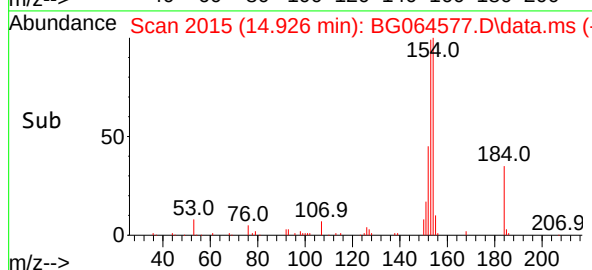
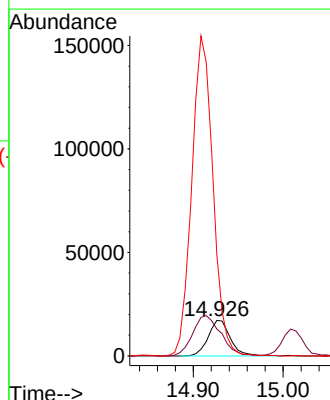
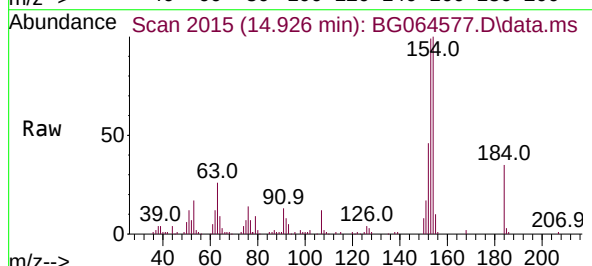
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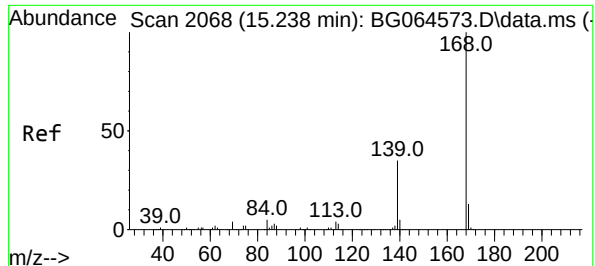
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#54
2,4-Dinitrophenol
Concen: 33.991 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:184 Resp: 29394
Ion Ratio Lower Upper
184 100
63 75.8 56.6 85.0
154 285.9 158.6 238.0#





#55

Dibenzenofuran

Concen: 36.096 ng

RT: 15.237 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

Tgt Ion:168 Resp: 419154

Ion Ratio Lower Upper

168 100

139 36.7 27.8 41.8

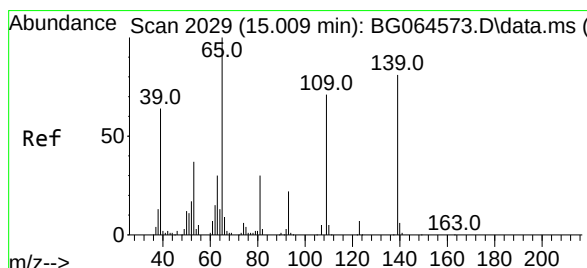
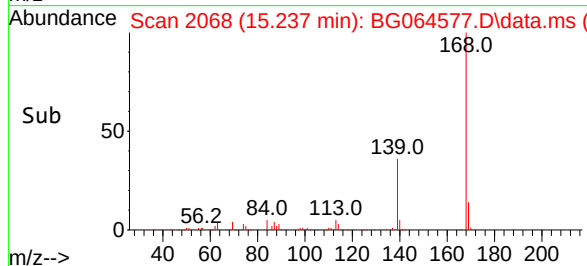
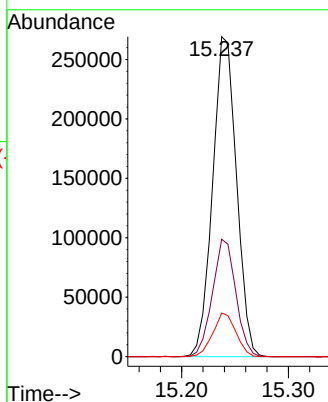
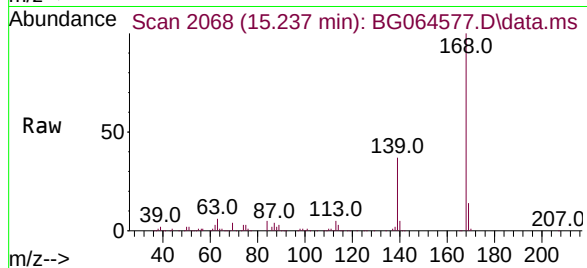
169 13.6 10.3 15.5

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Reviewed By :Rahul Chavli 10/27/2025

Supervised By :Jagrut Upadhyay 10/27/2025



#56

4-Nitrophenol

Concen: 33.818 ng

RT: 15.014 min Scan# 2030

Delta R.T. -0.004 min

Lab File: BG064577.D

Acq: 24 Oct 2025 16:47

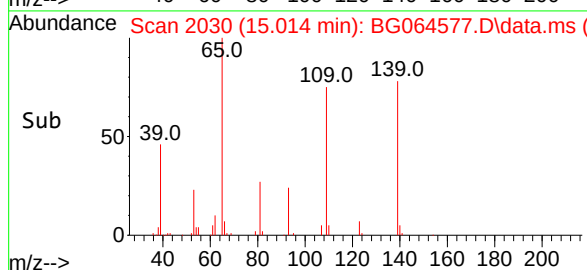
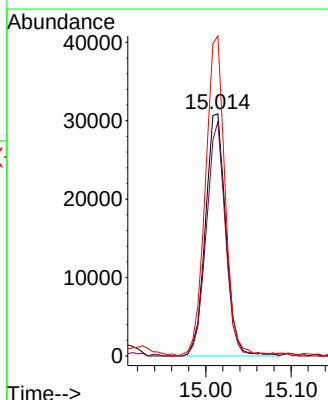
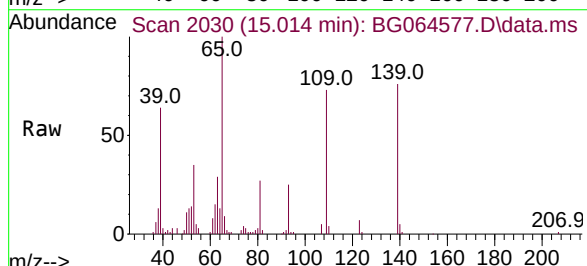
Tgt Ion:139 Resp: 51210

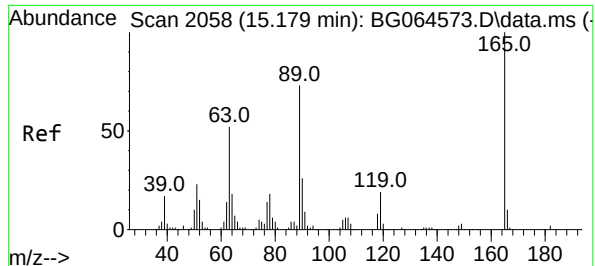
Ion Ratio Lower Upper

139 100

109 96.8 67.8 107.8

65 132.2 103.7 143.7





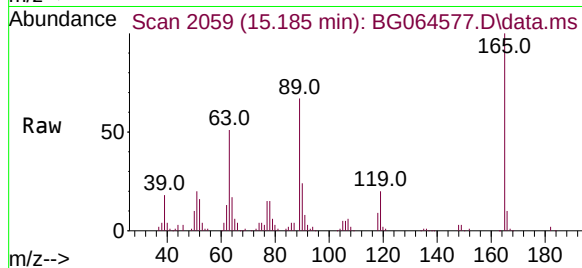
#57
2,4-Dinitrotoluene
Concen: 35.957 ng
RT: 15.185 min Scan# 2058
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

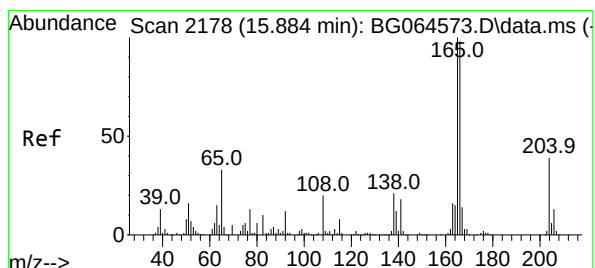
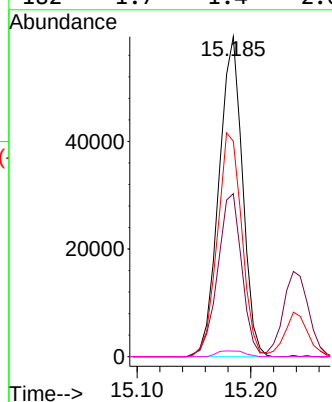
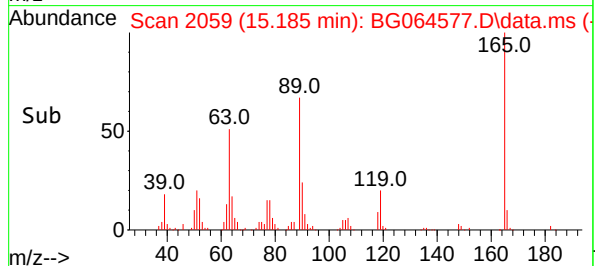


Tgt Ion:165 Resp: 85201
Ion Ratio Lower Upper
165 100
63 50.9 41.8 62.8
89 67.3 58.1 87.1
182 1.7 1.4 2.0

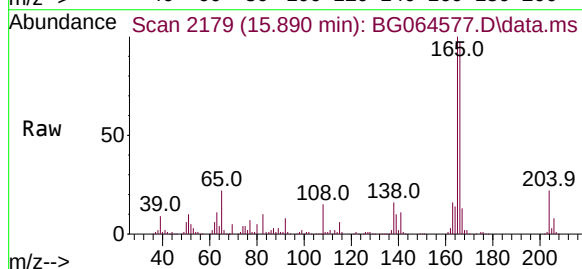
Manual Integrations

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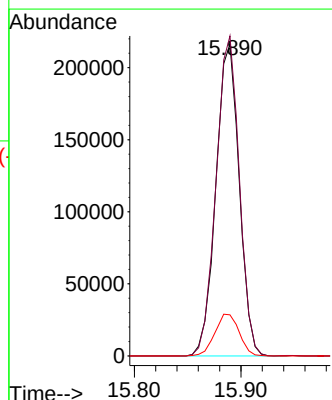
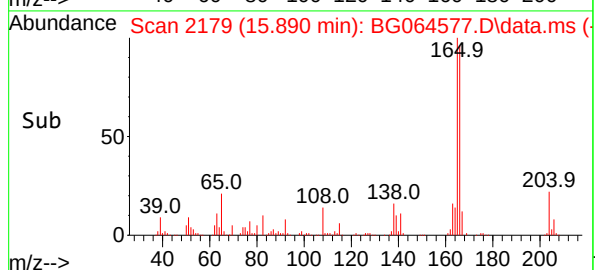
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

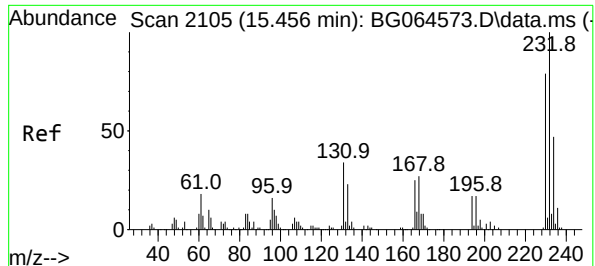


#58
Fluorene
Concen: 36.238 ng
RT: 15.890 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



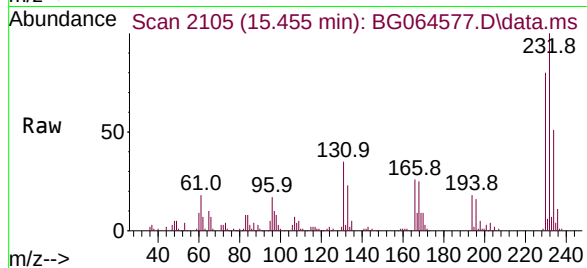
Tgt Ion:166 Resp: 328636
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.1 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

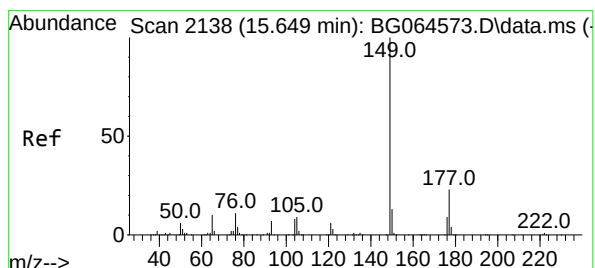
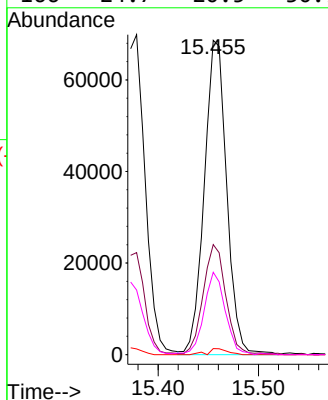
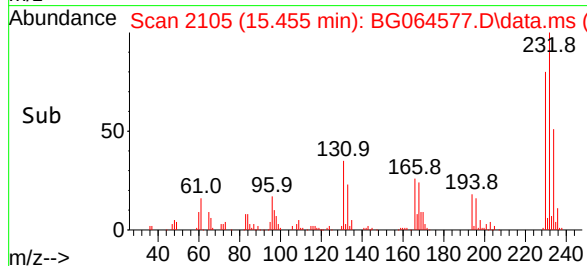
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:232 Resp: 106626
Ion Ratio Lower Upper
232 100
131 35.6 26.7 40.1
130 1.7 1.6 2.4
166 24.7 20.5 30.7

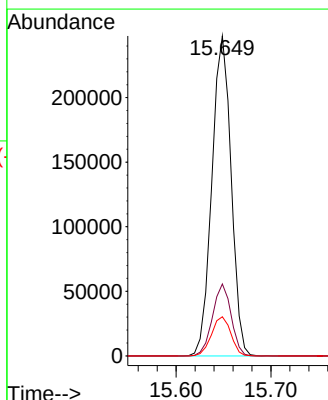
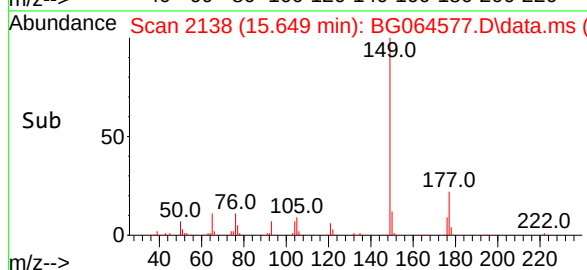
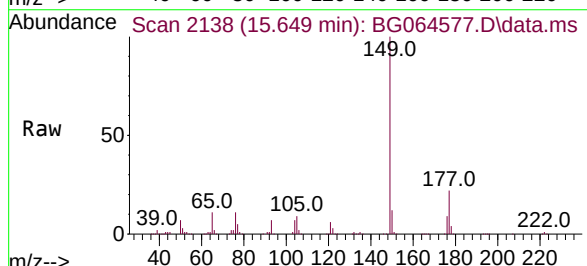
Manual Integrations
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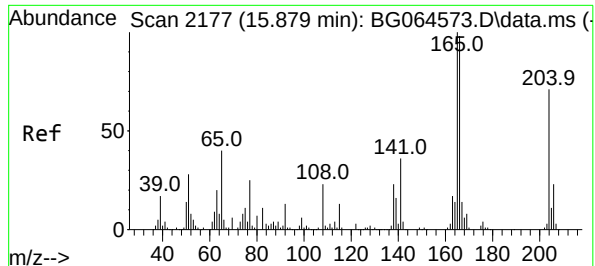
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#60
Diethylphthalate
Concen: 35.961 ng
RT: 15.649 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:149 Resp: 348964
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 10.2 15.4





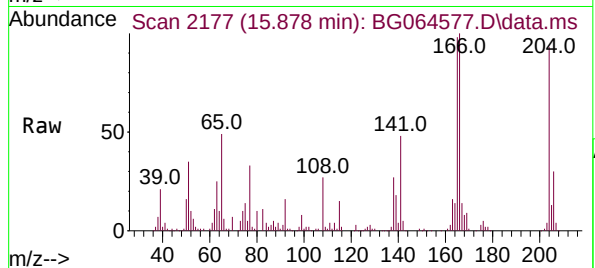
#61
4-Chlorophenyl-phenylether
Concen: 35.902 ng
RT: 15.878 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

ClientSampleId :

ICVBG102425

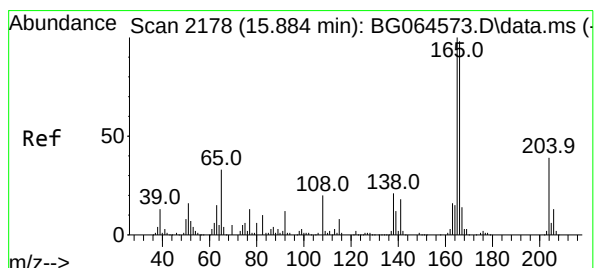
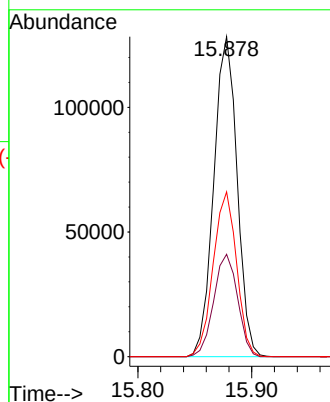
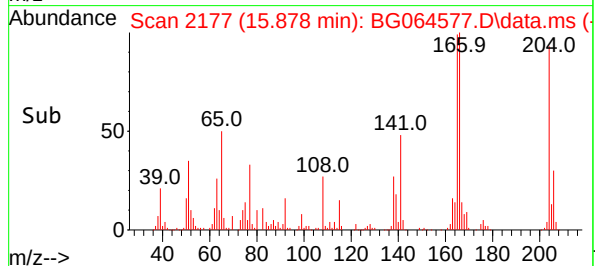


Tgt Ion:204 Resp: 182714
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 51.5 40.6 60.8

Manual Integrations

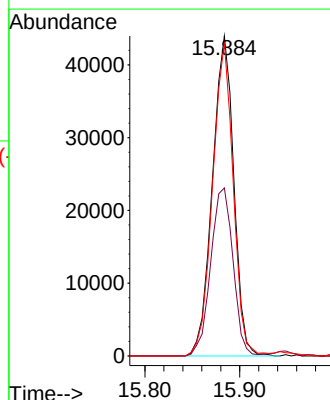
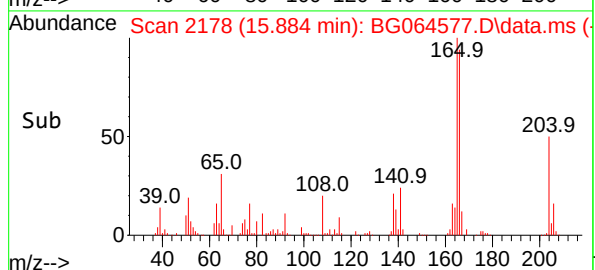
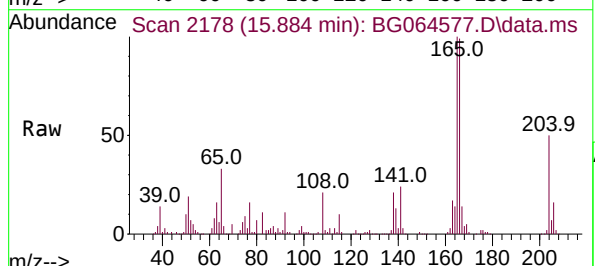
APPROVED

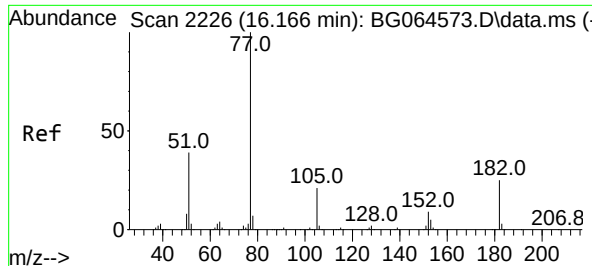
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#62
4-Nitroaniline
Concen: 37.867 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

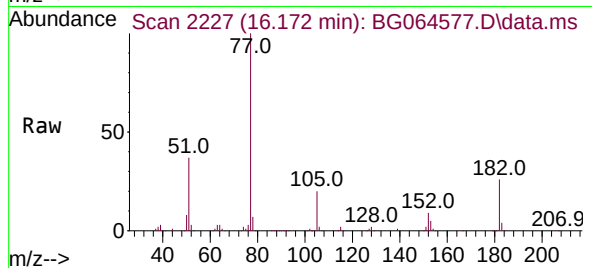
Tgt Ion:138 Resp: 68807
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 97.9 75.6 115.6





#63
Azobenzene
Concen: 36.325 ng
RT: 16.172 min Scan# 2227
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

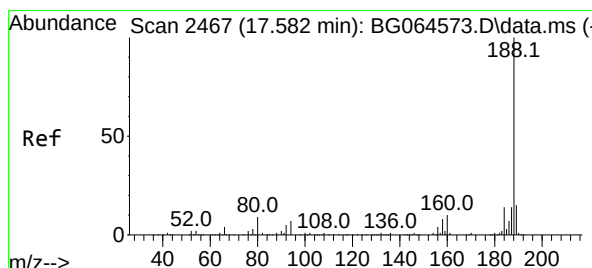
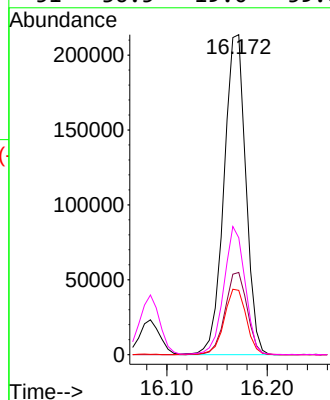
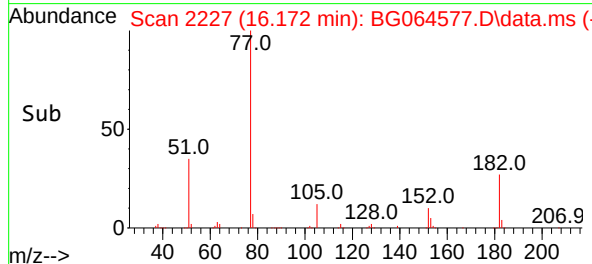
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion: 77 Resp: 323432
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 20.1 1.3 41.3
51 36.5 19.0 59.0

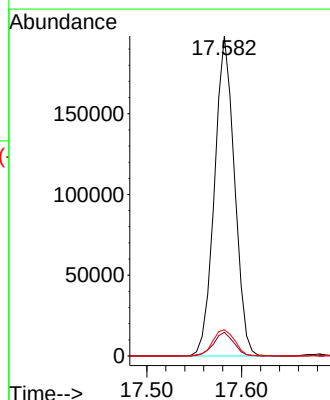
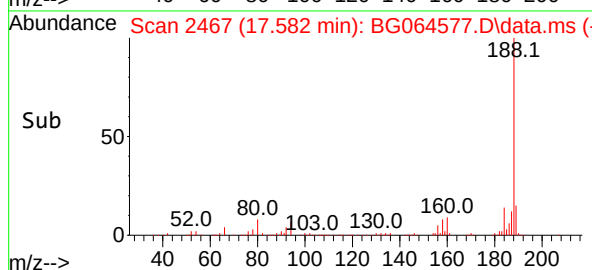
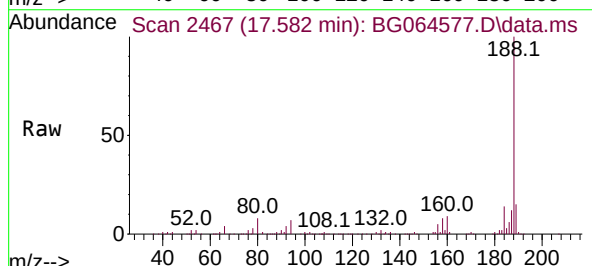
Manual Integrations
APPROVED

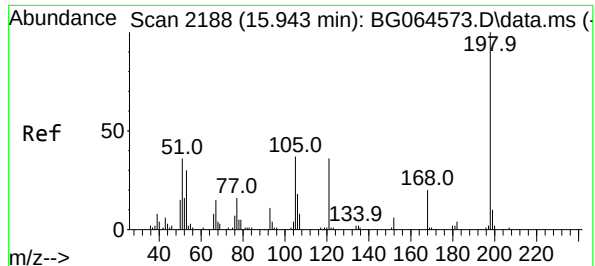
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

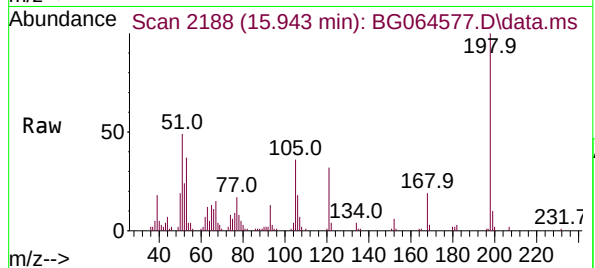
Tgt Ion:188 Resp: 290051
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 34.885 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

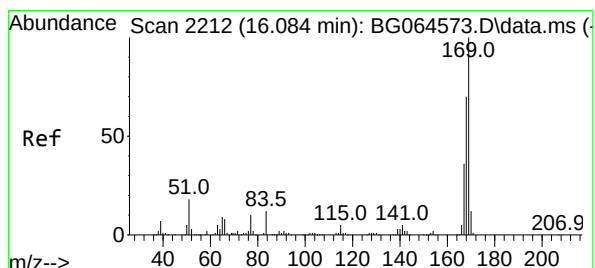
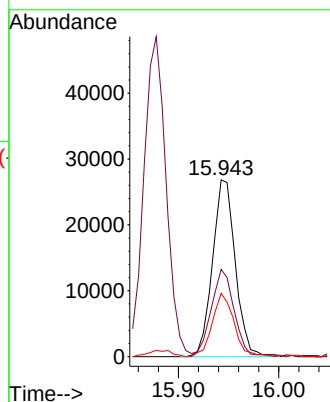
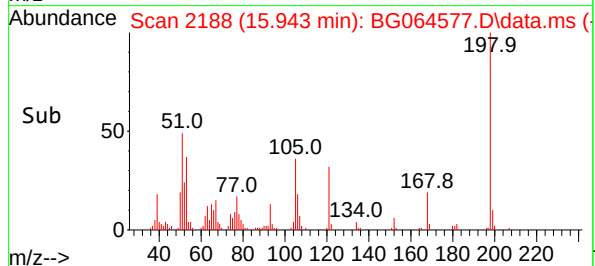
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:198 Resp: 42391
Ion Ratio Lower Upper
198 100
51 49.5 24.7 64.7
105 35.9 18.0 58.0

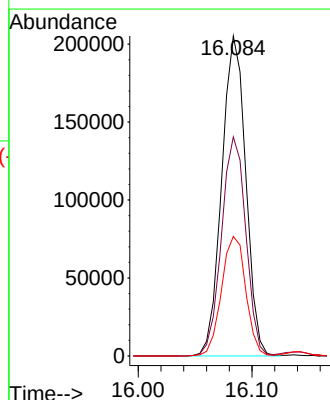
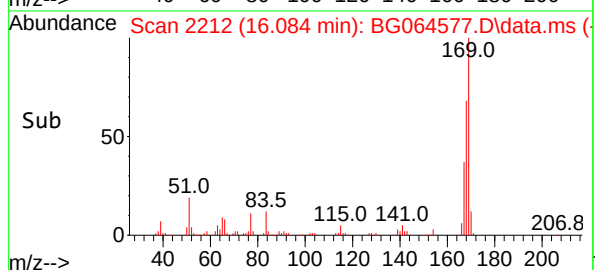
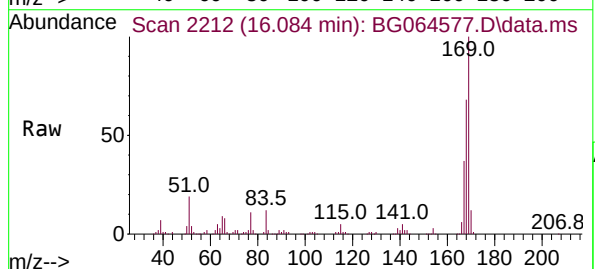
Manual Integrations
APPROVED

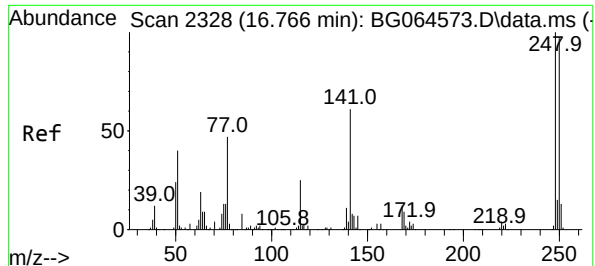
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#66
n-Nitrosodiphenylamine
Concen: 38.325 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

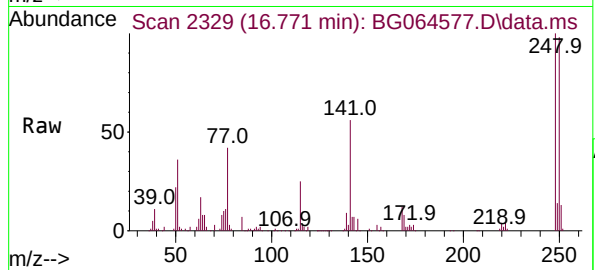
Tgt Ion:169 Resp: 300274
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 37.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.044 ng
RT: 16.771 min Scan# 2328
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

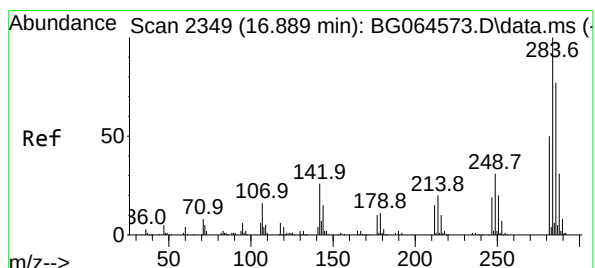
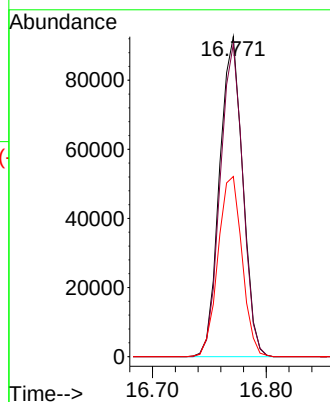
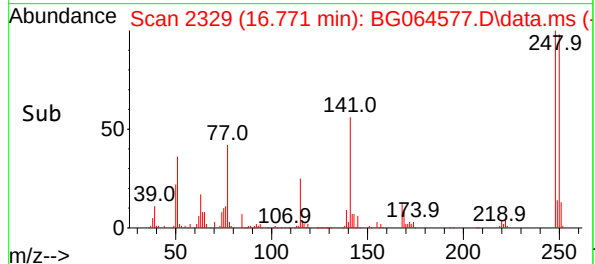
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:248 Resp: 130765
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 56.3 48.6 72.8

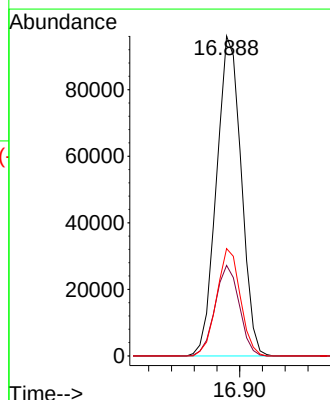
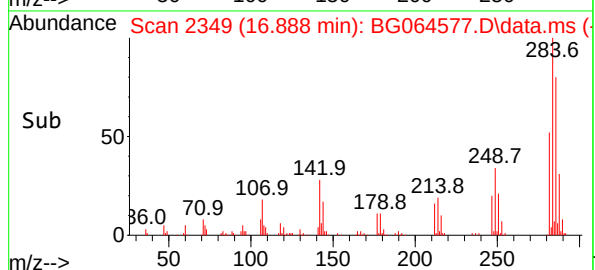
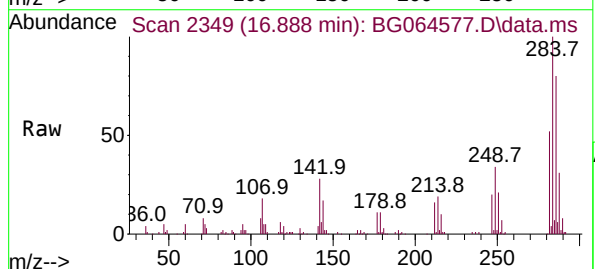
Manual Integrations
APPROVED

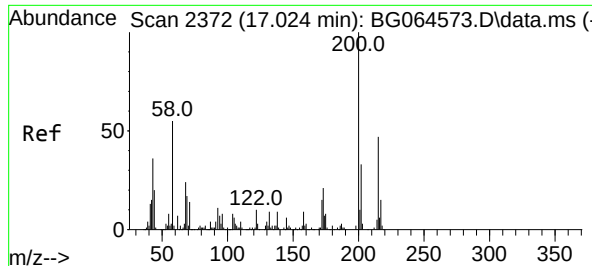
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#68
Hexachlorobenzene
Concen: 36.971 ng
RT: 16.888 min Scan# 2349
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

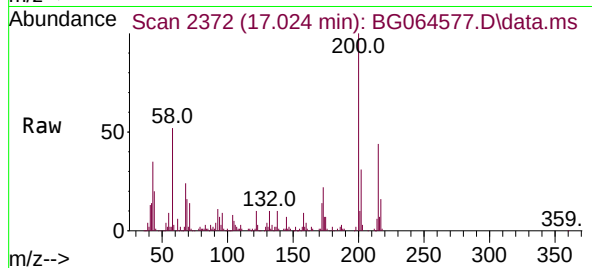
Tgt Ion:284 Resp: 144974
Ion Ratio Lower Upper
284 100
142 28.3 21.0 31.6
249 33.5 24.9 37.3





#69
Atrazine
Concen: 38.558 ng
RT: 17.024 min Scan# 2372
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

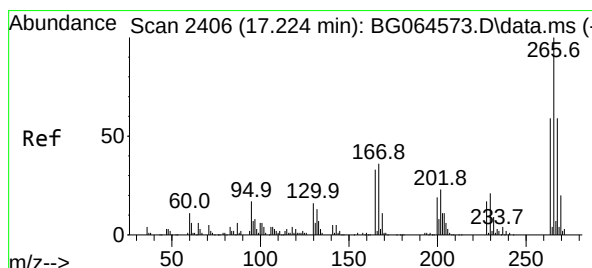
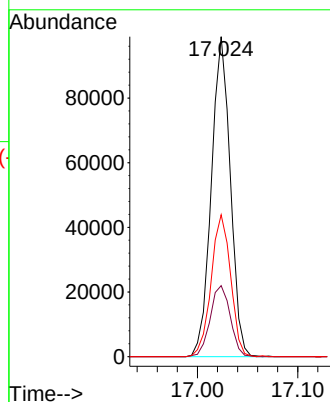
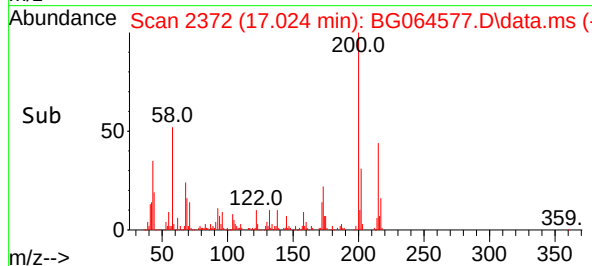
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:200 Resp: 130007
Ion Ratio Lower Upper
200 100
173 22.2 0.9 40.9
215 44.3 27.0 67.0

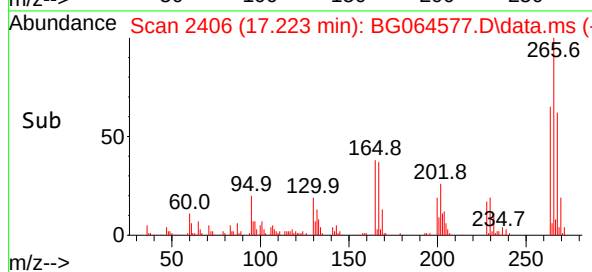
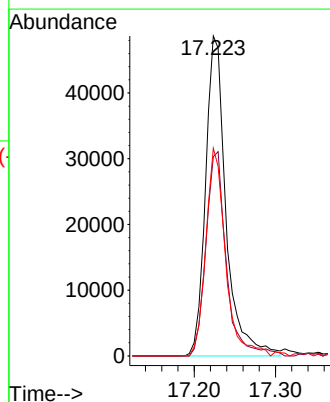
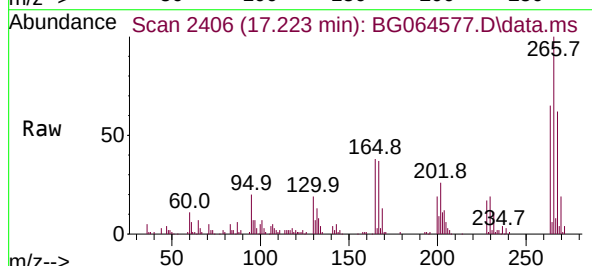
Manual Integrations
APPROVED

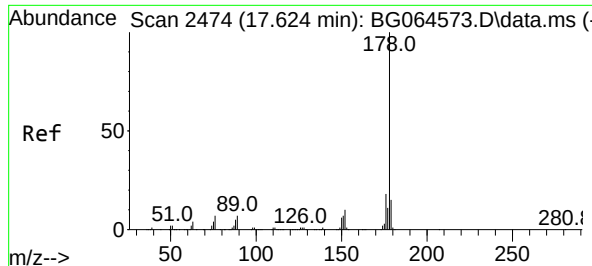
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#70
Pentachlorophenol
Concen: 34.829 ng
RT: 17.223 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

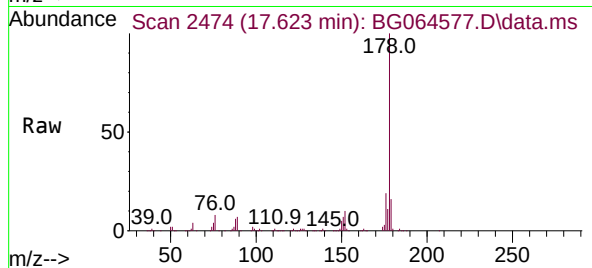
Tgt Ion:266 Resp: 85166
Ion Ratio Lower Upper
266 100
268 66.7 50.3 75.5
264 70.5 47.3 70.9





#71
Phenanthrene
Concen: 35.925 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

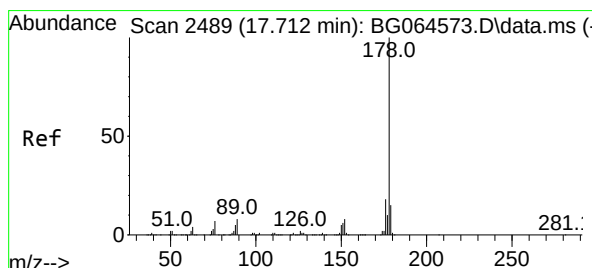
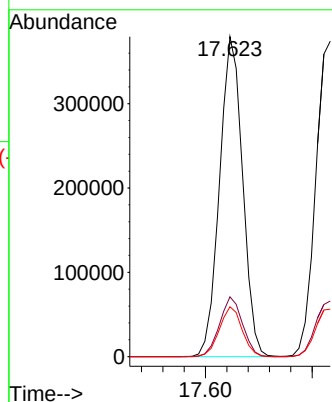
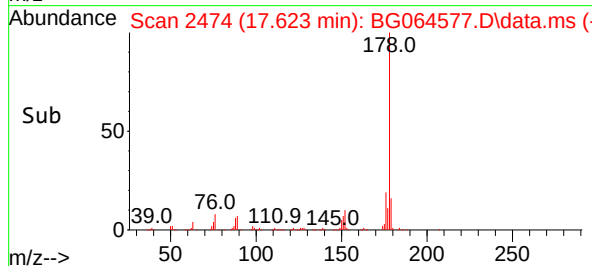
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:178 Resp: 569825
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.4

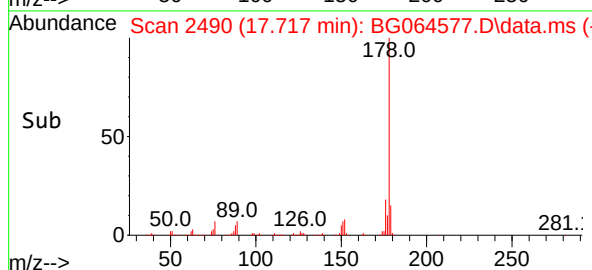
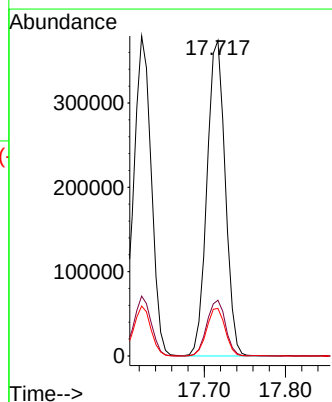
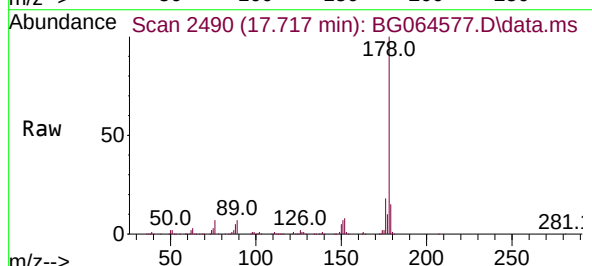
Manual Integrations
APPROVED

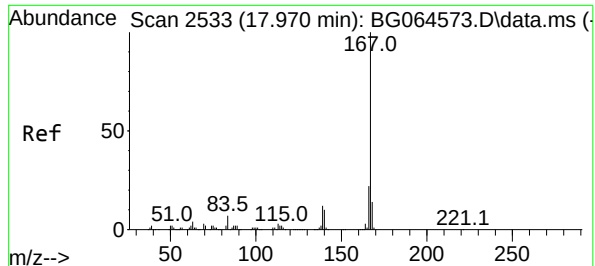
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#72
Anthracene
Concen: 36.210 ng
RT: 17.717 min Scan# 2490
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

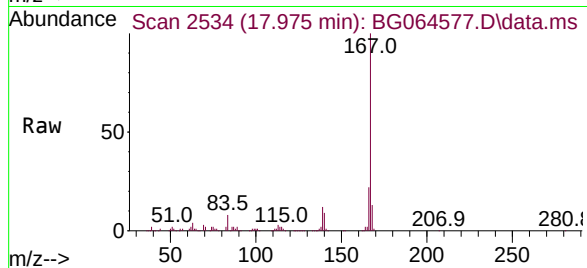
Tgt Ion:178 Resp: 584246
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.1 12.4 18.6





#73
Carbazole
Concen: 35.061 ng
RT: 17.975 min Scan# 2534
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

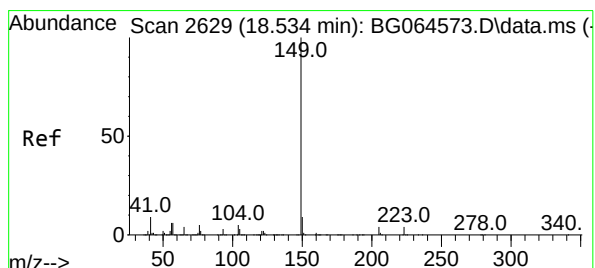
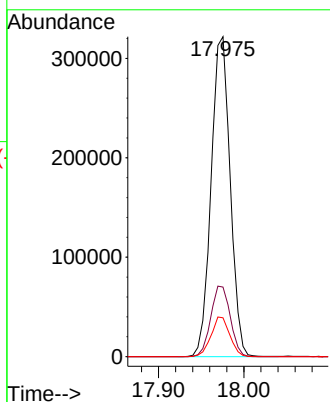
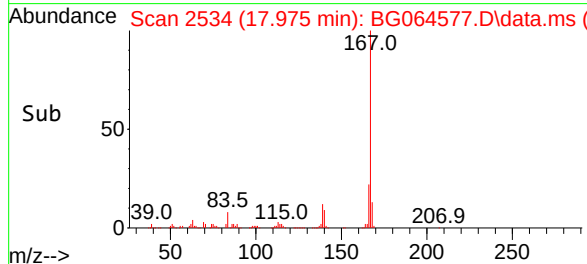
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



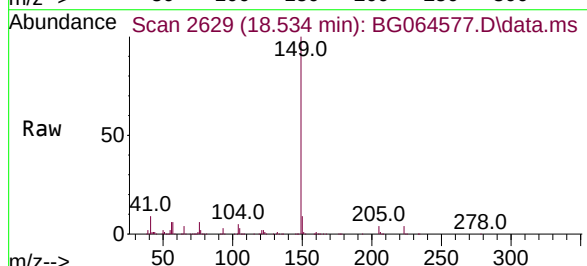
Tgt Ion:167 Resp: 498849
Ion Ratio Lower Upper
167 100
166 21.7 17.9 26.9
139 12.1 9.7 14.5

Manual Integrations
APPROVED

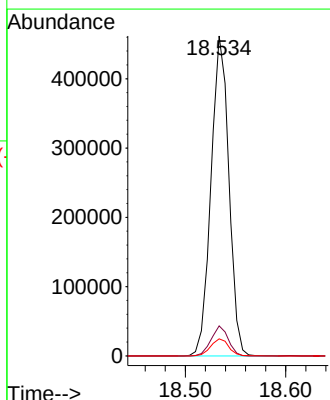
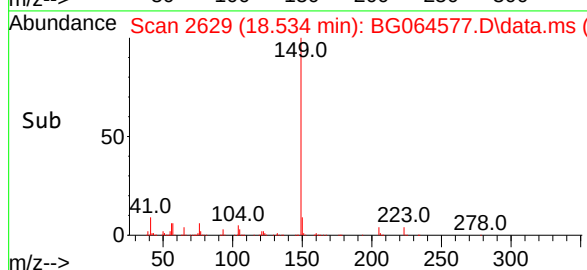
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025

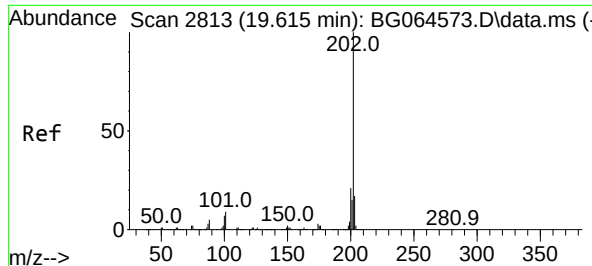


#74
Di-n-butylphthalate
Concen: 34.688 ng
RT: 18.534 min Scan# 2629
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47



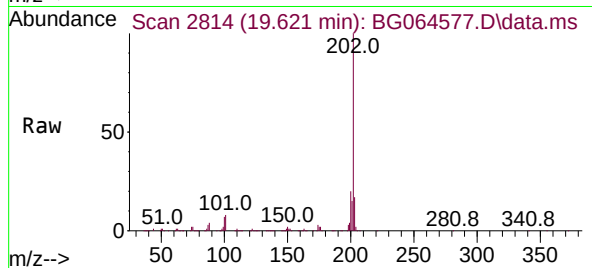
Tgt Ion:149 Resp: 570718
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 34.070 ng
RT: 19.621 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

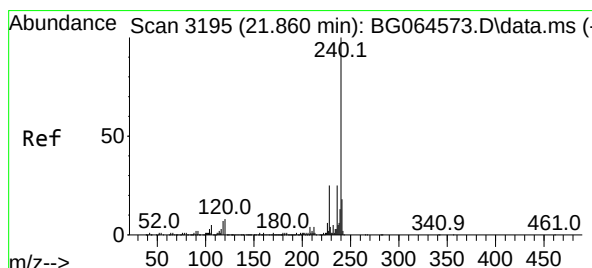
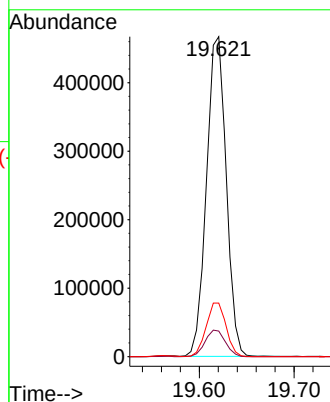
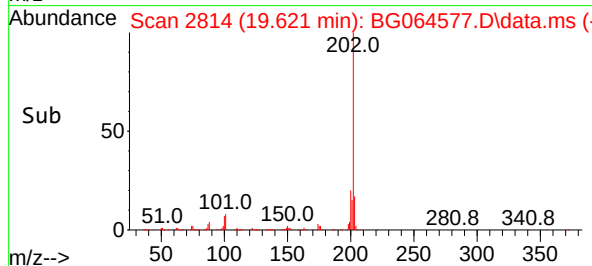
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:202 Resp: 676996
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.7
203 16.7 0.0 37.0

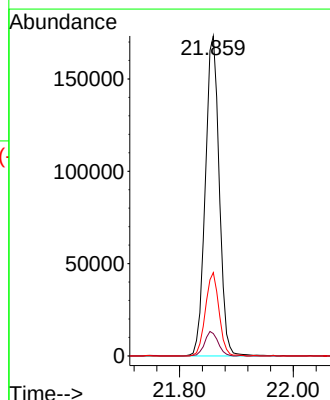
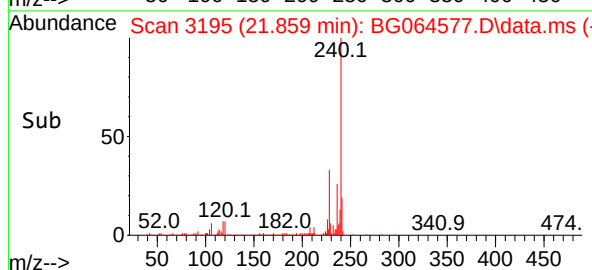
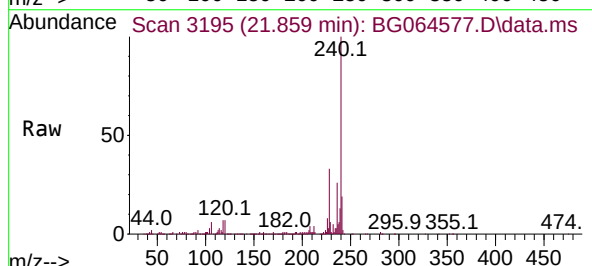
Manual Integrations
APPROVED

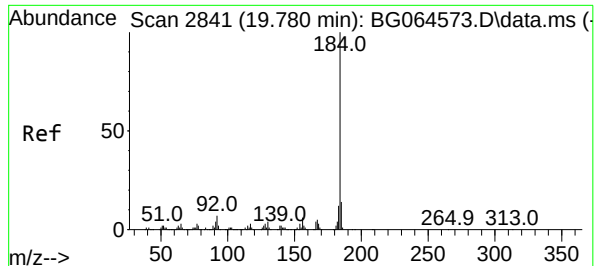
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3195
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

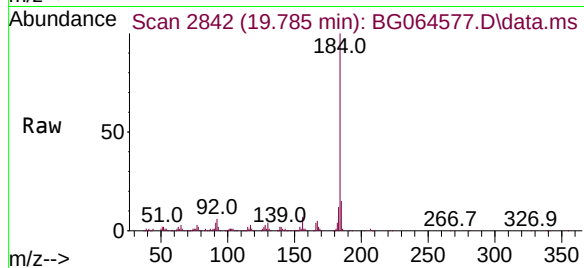
Tgt Ion:240 Resp: 293608
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 26.0 20.2 30.2





#77
Benzidine
Concen: 54.203 ng
RT: 19.785 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

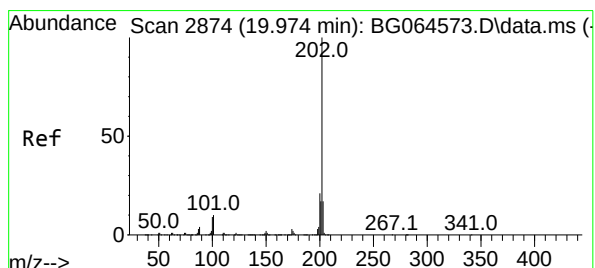
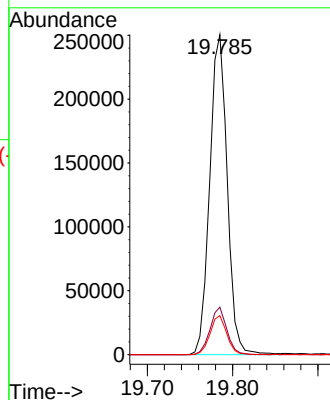
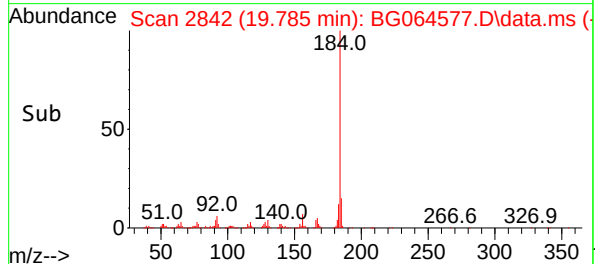
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:184 Resp: 356547
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 12.2 9.4 14.2

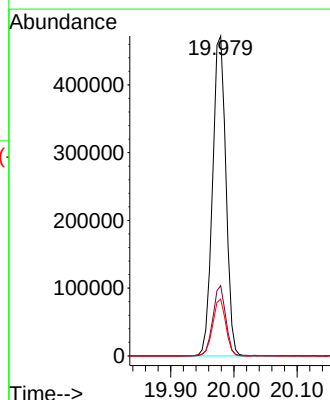
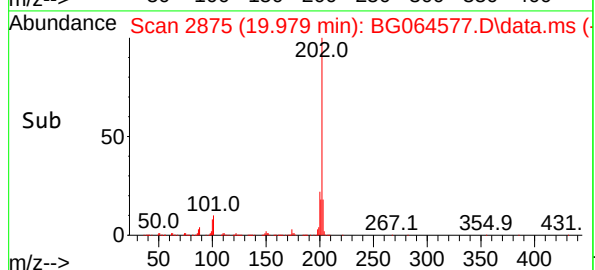
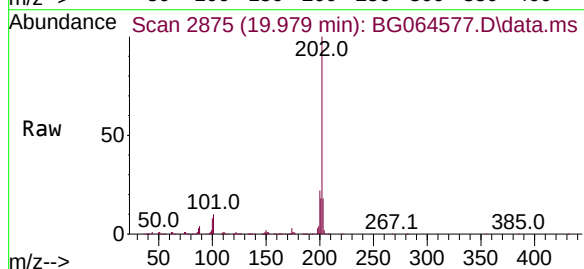
Manual Integrations
APPROVED

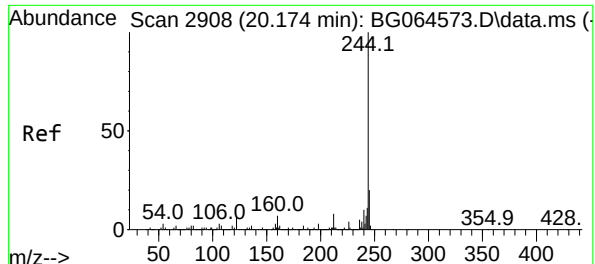
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#78
Pyrene
Concen: 36.130 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

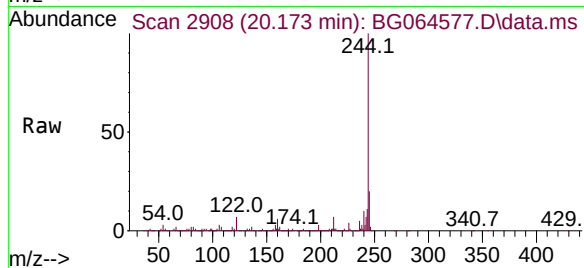
Tgt Ion:202 Resp: 693068
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 74.019 ng
RT: 20.173 min Scan# 2908
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

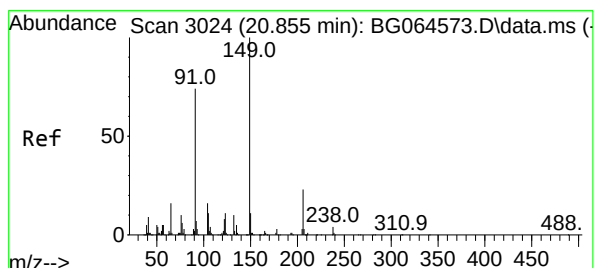
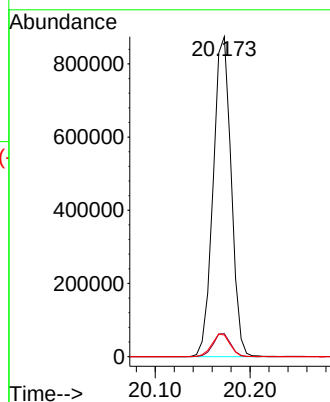
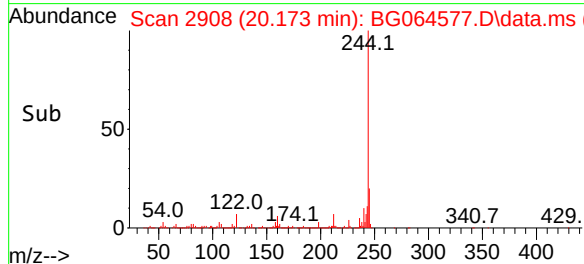
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:244 Resp: 1151597
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.6 8.4

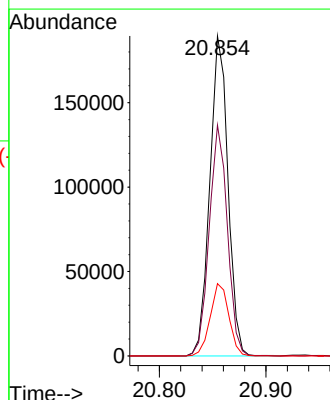
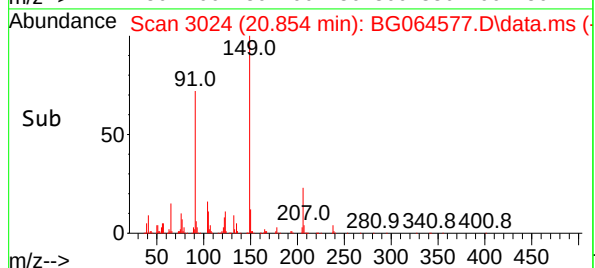
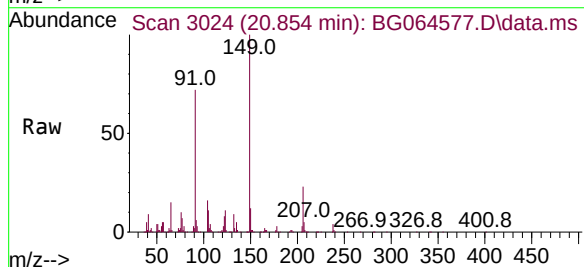
Manual Integrations
APPROVED

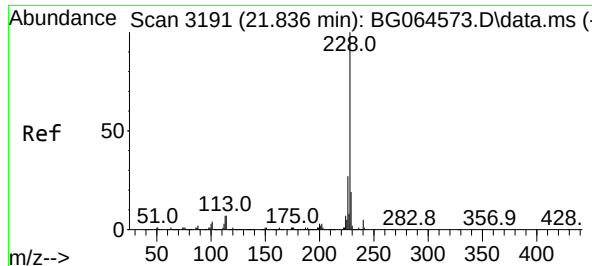
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#80
Butylbenzylphthalate
Concen: 38.702 ng
RT: 20.854 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

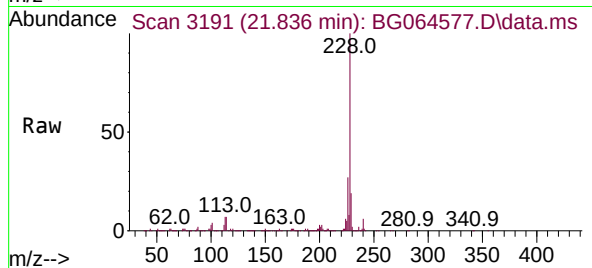
Tgt Ion:149 Resp: 224386
Ion Ratio Lower Upper
149 100
91 72.1 59.2 88.8
206 22.6 18.1 27.1





#81
Benzo(a)anthracene
Concen: 36.287 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

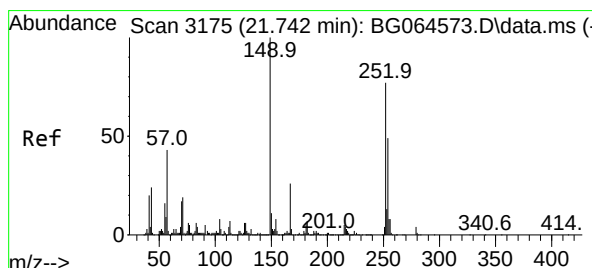
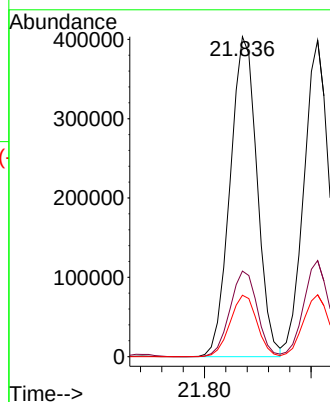
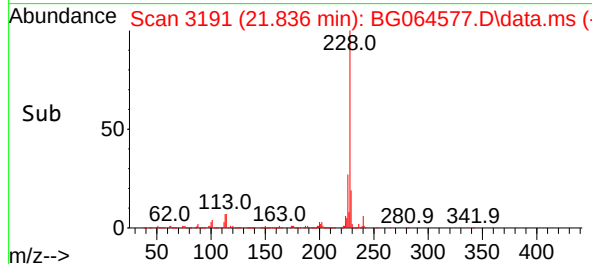
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:228 Resp: 706428
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4

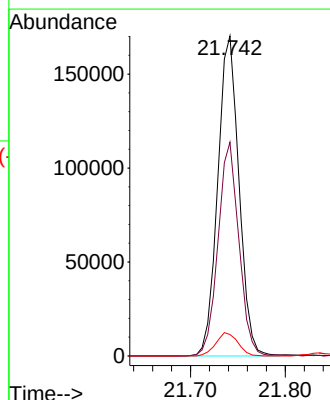
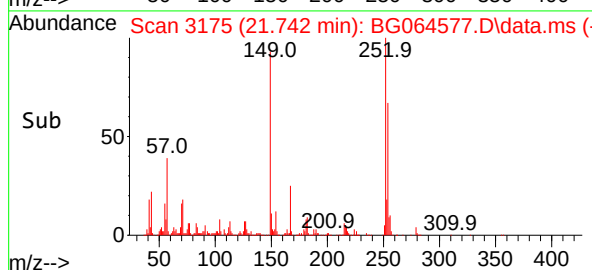
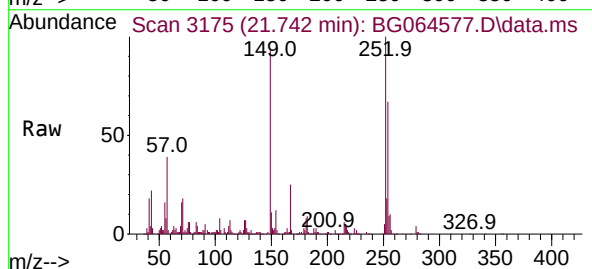
Manual Integrations
APPROVED

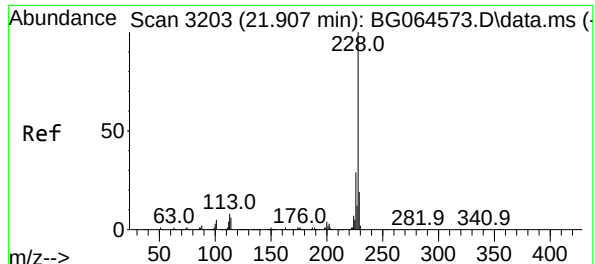
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.813 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

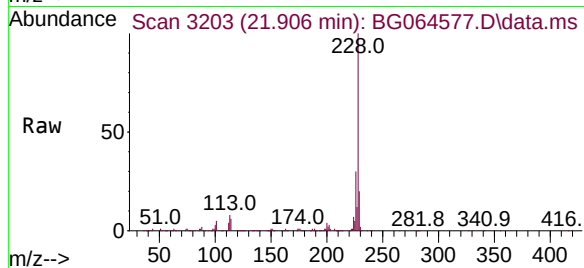
Tgt Ion:252 Resp: 265324
Ion Ratio Lower Upper
252 100
254 66.8 50.8 76.2
126 6.7 5.8 8.6





#83
Chrysene
Concen: 35.533 ng
RT: 21.906 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

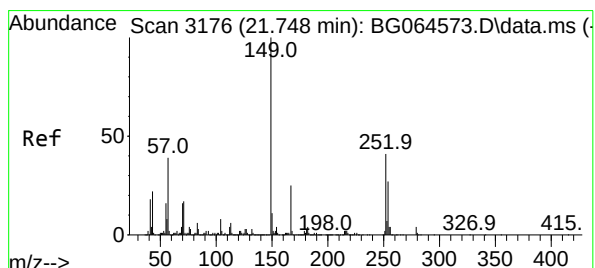
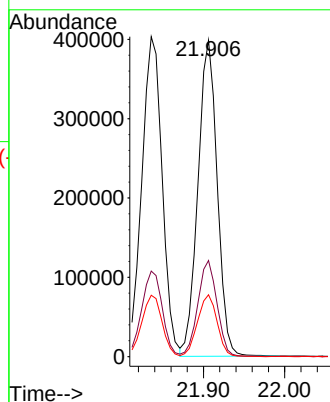
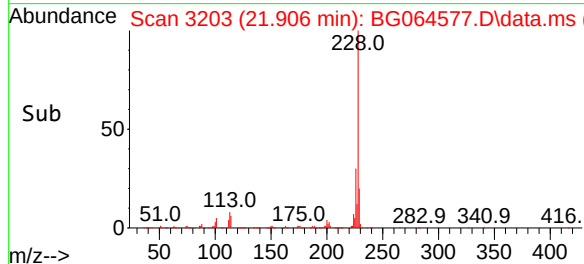
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:228 Resp: 658217
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.5 15.2 22.8

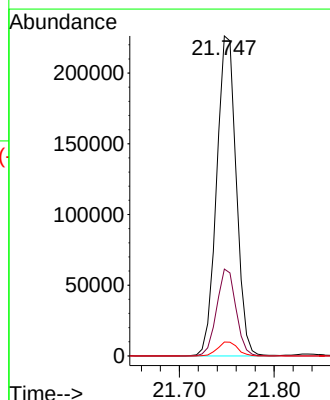
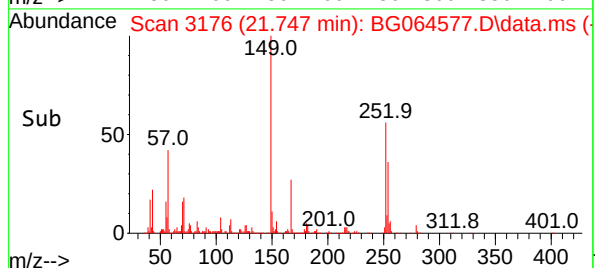
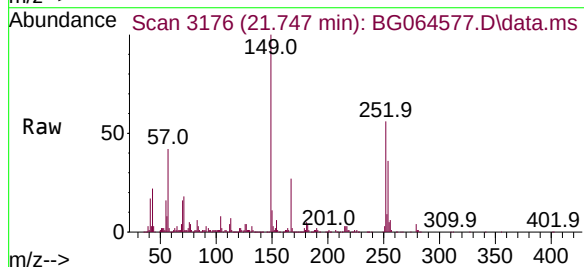
Manual Integrations
APPROVED

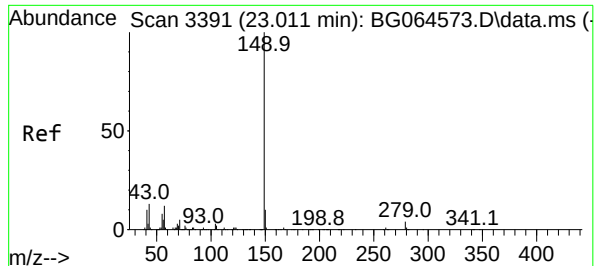
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.470 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

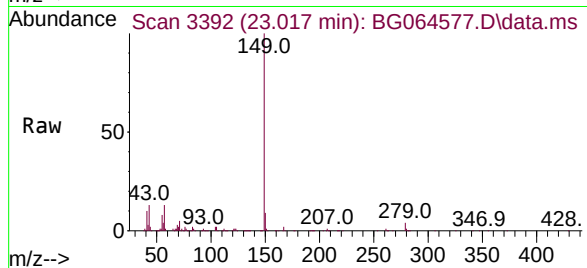
Tgt Ion:149 Resp: 324614
Ion Ratio Lower Upper
149 100
167 27.1 20.0 30.0
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 36.087 ng
RT: 23.017 min Scan# 3391
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

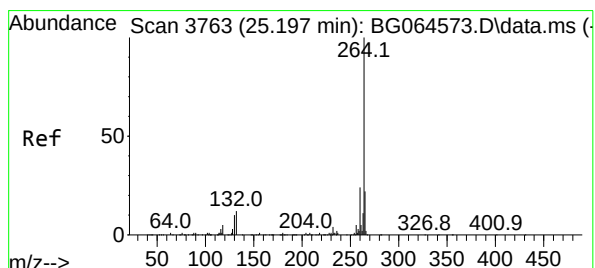
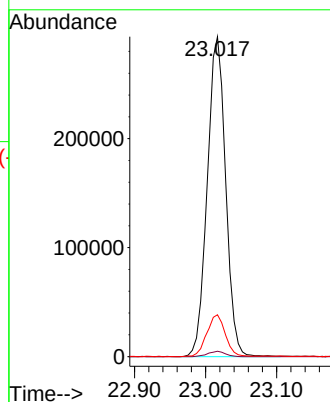
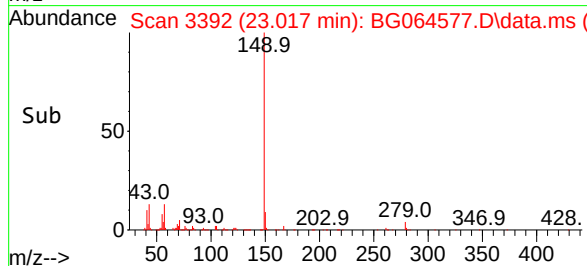
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:149 Resp: 527097
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2

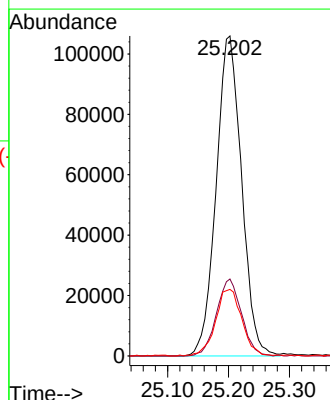
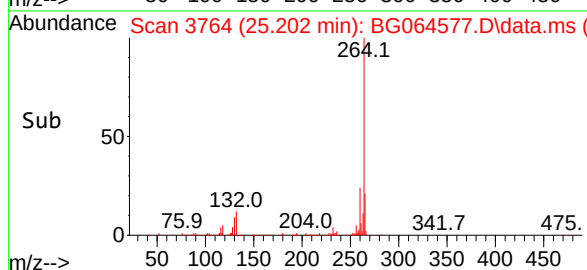
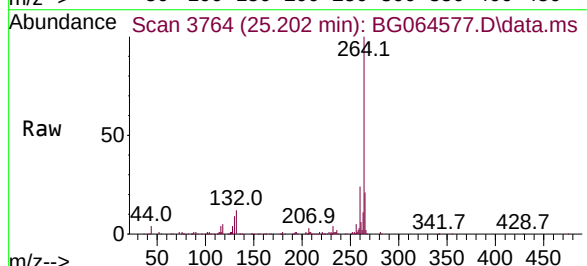
Manual Integrations
APPROVED

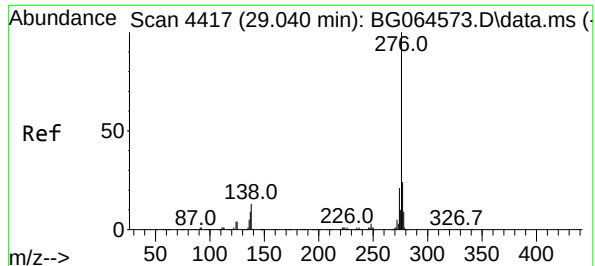
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.202 min Scan# 3764
Delta R.T. 0.002 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

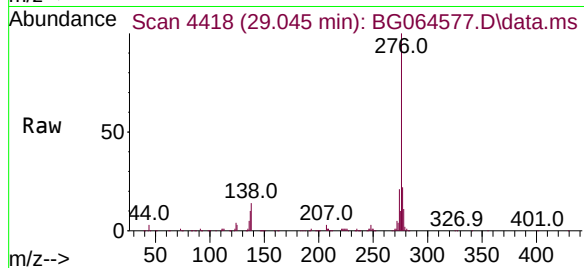
Tgt Ion:264 Resp: 306886
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 20.8 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.366 ng
RT: 29.045 min Scan# 4418
Delta R.T. -0.016 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

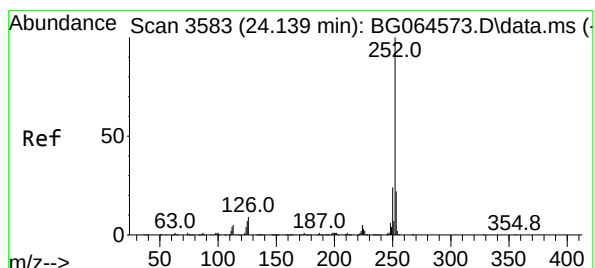
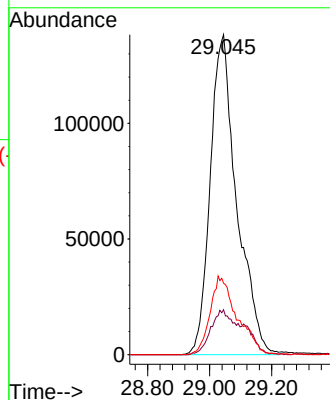
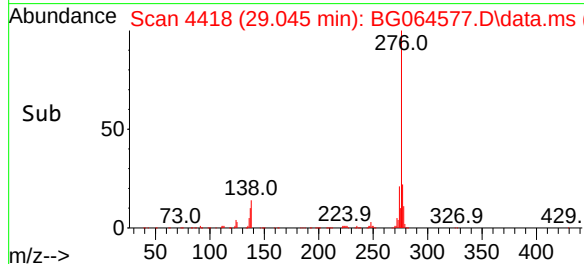
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:276 Resp: 820974
Ion Ratio Lower Upper
276 100
138 12.6 10.8 16.2
277 25.0 20.1 30.1

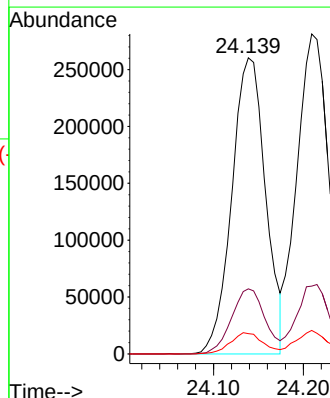
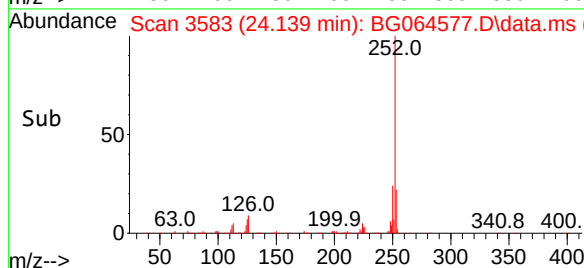
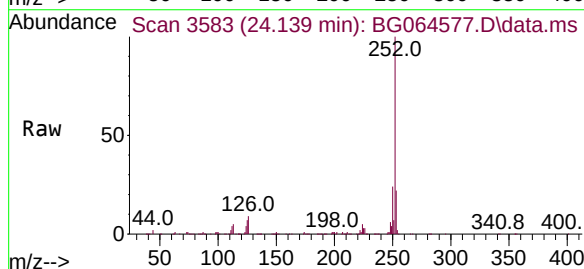
Manual Integrations
APPROVED

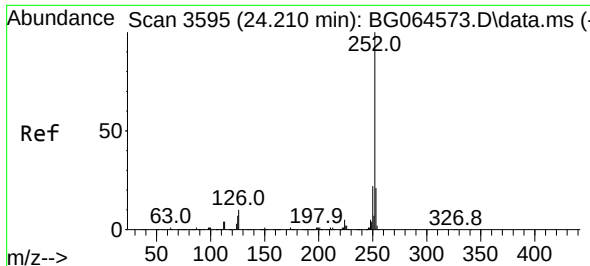
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 24.139 min Scan# 3583
Delta R.T. -0.004 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:252 Resp: 681881
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 37.252 ng
RT: 24.209 min Scan# 3595
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Instrument :

BNA_G

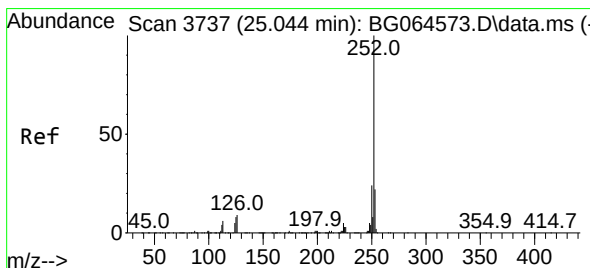
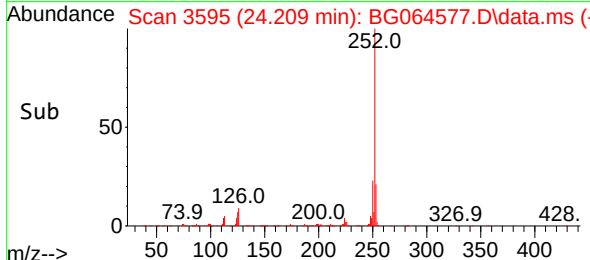
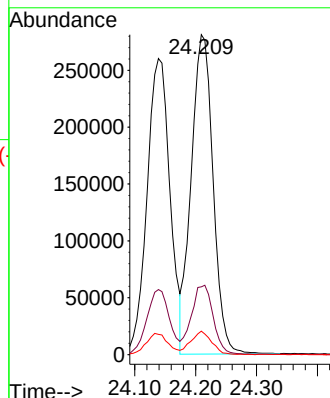
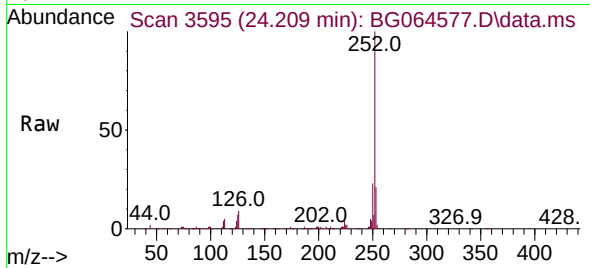
ClientSampleId :

ICVBG102425

Tgt Ion:252 Resp: 701500
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 7.3 5.4 8.0

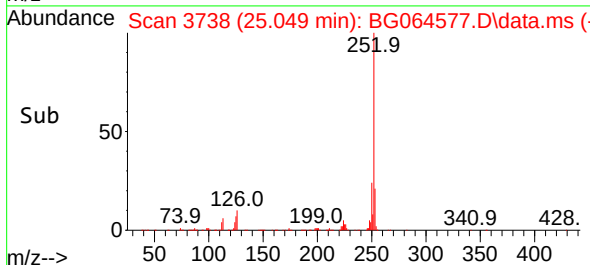
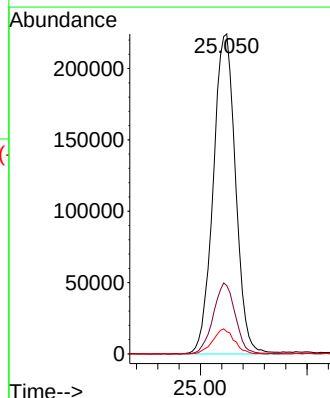
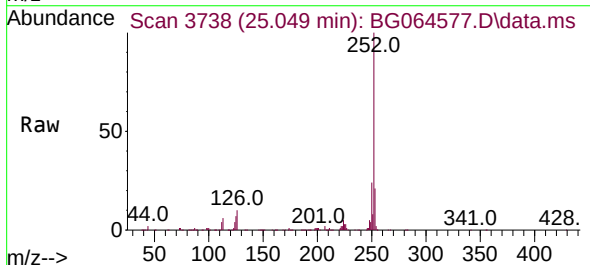
Manual Integrations
APPROVED

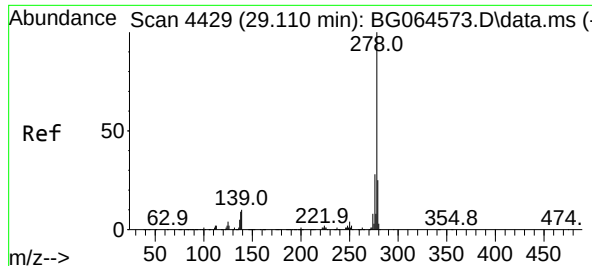
Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#90
Benzo(a)pyrene
Concen: 37.700 ng
RT: 25.049 min Scan# 3738
Delta R.T. -0.010 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

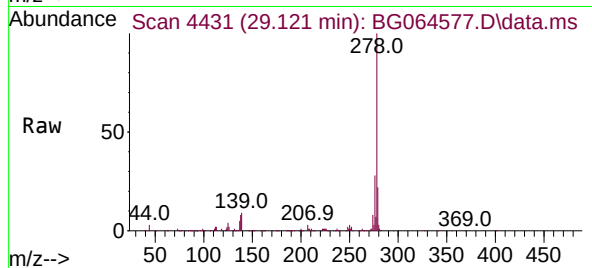
Tgt Ion:252 Resp: 652126
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 6.9 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 36.776 ng
RT: 29.121 min Scan# 4429
Delta R.T. -0.016 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

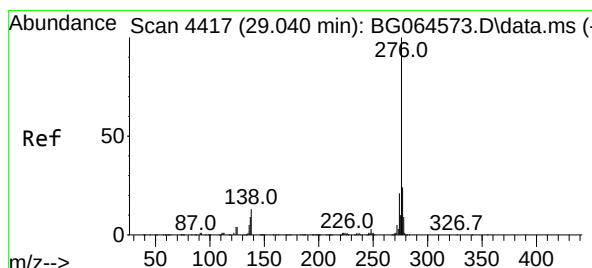
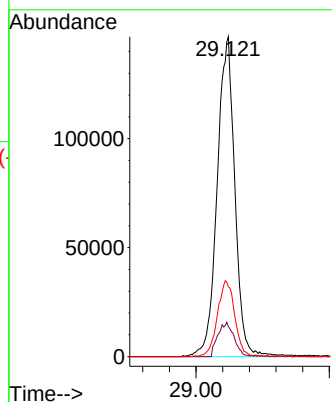
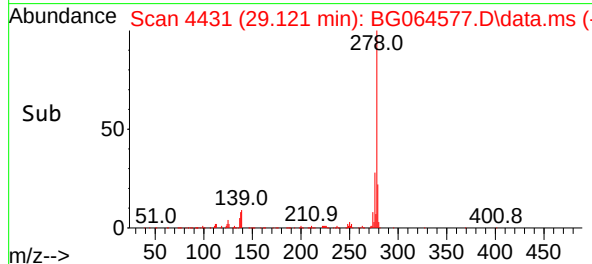
Instrument :
BNA_G
ClientSampleId :
ICVBG102425



Tgt Ion:278 Resp: 674510
Ion Ratio Lower Upper
278 100
139 9.4 8.0 12.0
279 21.9 19.8 29.6

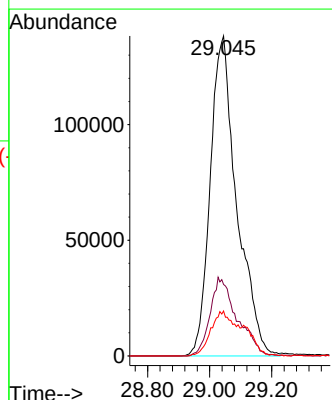
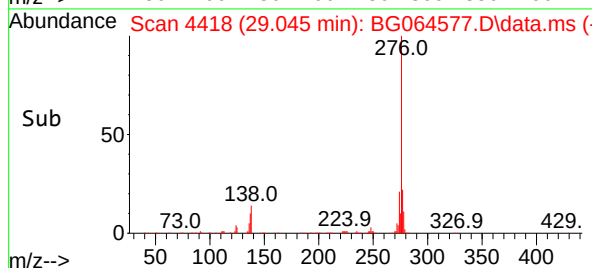
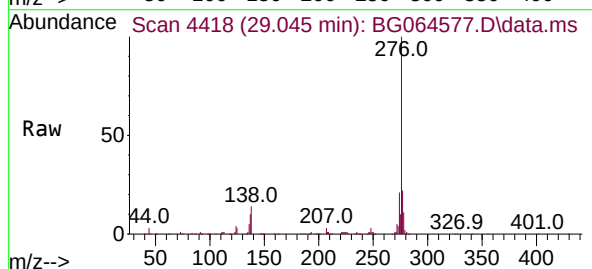
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :Jagrut Upadhyay 10/27/2025



#92
Benzo(g,h,i)perylene
Concen: 36.366 ng
RT: 29.045 min Scan# 4418
Delta R.T. -0.016 min
Lab File: BG064577.D
Acq: 24 Oct 2025 16:47

Tgt Ion:276 Resp: 820974
Ion Ratio Lower Upper
276 100
277 22.3 19.2 28.8
138 14.0 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Oct 24 17:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	93	0.00
2	1,4-Dioxane	40.000	33.820	15.4	79	0.00
3	Pyridine	40.000	33.313	16.7	73	0.00
4	n-Nitrosodimethylamine	40.000	36.025	9.9	79	-0.01
5 S	2-Fluorophenol	80.000	70.535	11.8	75	0.00
6	Aniline	40.000	38.118	4.7	82	0.00
7 S	Phenol-d6	80.000	74.109	7.4	79	0.00
8	2-Chlorophenol	40.000	36.981	7.5	78	0.00
9	Benzaldehyde	40.000	50.923	-27.3#	112	0.00
10 C	Phenol	40.000	36.410	9.0	78	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.118	4.7	82	0.00
12	1,3-Dichlorobenzene	40.000	36.085	9.8	79	0.00
13 C	1,4-Dichlorobenzene	40.000	37.635	5.9	83	0.00
14	1,2-Dichlorobenzene	40.000	36.924	7.7	81	0.00
15	Benzyl Alcohol	40.000	37.995	5.0	83	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	36.163	9.6	78	0.00
17	2-Methylphenol	40.000	38.945	2.6	81	0.00
18	Hexachloroethane	40.000	35.743	10.6	78	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.572	1.1	84	0.00
20	3+4-Methylphenols	40.000	37.882	5.3	81	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	95	0.00
22	Acetophenone	40.000	37.806	5.5	84	0.00
23 S	Nitrobenzene-d5	80.000	76.738	4.1	81	0.00
24	Nitrobenzene	40.000	39.305	1.7	83	0.00
25	Isophorone	40.000	37.733	5.7	83	-0.01
26 C	2-Nitrophenol	40.000	35.498	11.3	84	0.00
27	2,4-Dimethylphenol	40.000	41.336	-3.3	89	0.00
28	bis(2-Chloroethoxy)methane	40.000	36.953	7.6	82	0.00
29 C	2,4-Dichlorophenol	40.000	38.190	4.5	81	0.00
30	1,2,4-Trichlorobenzene	40.000	37.945	5.1	84	0.00
31	Naphthalene	40.000	35.709	10.7	80	0.00
32	Benzoic acid	40.000	37.924	5.2	93	-0.05
33	4-Chloroaniline	40.000	41.287	-3.2	92	0.00
34 C	Hexachlorobutadiene	40.000	35.242	11.9	80	0.00
35	Caprolactam	40.000	36.326	9.2	79	-0.03
36 C	4-Chloro-3-methylphenol	40.000	38.049	4.9	82	0.00
37	2-Methylnaphthalene	40.000	33.388	16.5	75	0.00
38	1-Methylnaphthalene	40.000	35.729	10.7	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.146	7.1	84	0.00
41 P	Hexachlorocyclopentadiene	40.000	50.669	-26.7#	112	0.00
42 S	2,4,6-Tribromophenol	80.000	75.074	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.726	3.2	84	0.00
44	2,4,5-Trichlorophenol	40.000	37.228	6.9	81	0.00
45 S	2-Fluorobiphenyl	80.000	72.599	9.3	82	0.00
46	1,1'-Biphenyl	40.000	37.331	6.7	85	0.00
47	2-Chloronaphthalene	40.000	36.205	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Oct 24 17:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.129	9.7	87	0.00
49	Acenaphthylene	40.000	41.457	-3.6	93	0.00
50	Dimethylphthalate	40.000	36.890	7.8	82	0.00
51	2,6-Dinitrotoluene	40.000	39.971	0.1	96	0.00
52 C	Acenaphthene	40.000	35.340	11.6	80	0.00
53	3-Nitroaniline	40.000	42.080	-5.2	89	0.00
54 P	2,4-Dinitrophenol	40.000	33.991	15.0	82	0.00
55	Dibenzofuran	40.000	36.096	9.8	82	0.00
56 P	4-Nitrophenol	40.000	33.818	15.5	75	0.00
57	2,4-Dinitrotoluene	40.000	35.957	10.1	85	0.00
58	Fluorene	40.000	36.238	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.525	-1.3	88	0.00
60	Diethylphthalate	40.000	35.961	10.1	81	0.00
61	4-Chlorophenyl-phenylether	40.000	35.902	10.2	81	0.00
62	4-Nitroaniline	40.000	37.867	5.3	81	-0.01
63	Azobenzene	40.000	36.325	9.2	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	40.000	34.885	12.8	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.325	4.2	82	0.00
67	4-Bromophenyl-phenylether	40.000	38.044	4.9	81	0.00
68	Hexachlorobenzene	40.000	36.971	7.6	79	0.00
69	Atrazine	40.000	38.558	3.6	85	0.00
70 C	Pentachlorophenol	40.000	34.829	12.9	76	0.00
71	Phenanthrene	40.000	35.925	10.2	78	0.00
72	Anthracene	40.000	36.210	9.5	79	0.00
73	Carbazole	40.000	35.061	12.3	77	0.00
74	Di-n-butylphthalate	40.000	34.688	13.3	73	0.00
75 C	Fluoranthene	40.000	34.070	14.8	75	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77	Benzydine	40.000	54.203	-35.5#	109	0.00
78	Pyrene	40.000	36.130	9.7	74	0.00
79 S	Terphenyl-d14	80.000	74.019	7.5	76	0.00
80	Butylbenzylphthalate	40.000	38.702	3.2	75	0.00
81	Benzo(a)anthracene	40.000	36.287	9.3	75	0.00
82	3,3'-Dichlorobenzidine	40.000	40.813	-2.0	83	0.00
83	Chrysene	40.000	35.533	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.470	6.3	73	0.00
85 c	Di-n-octyl phthalate	40.000	36.087	9.8	73	0.00
86 I	Perylene-d12	20.000	20.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.366	9.1	75	-0.02
88	Benzo(b)fluoranthene	40.000	36.235	9.4	74	0.00
89	Benzo(k)fluoranthene	40.000	37.252	6.9	78	-0.01
90 C	Benzo(a)pyrene	40.000	37.700	5.7	77	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.776	8.1	76	-0.02
92	Benzo(g,h,i)perylene	40.000	36.366	9.1	75	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Oct 24 17:24:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
2	1,4-Dioxane	0.528	0.446	15.5	79	0.00
3	Pyridine	1.584	1.319	16.7	73	0.00
4	n-Nitrosodimethylamine	0.850	0.765	10.0	79	-0.01
5 S	2-Fluorophenol	1.192	1.051	11.8	75	0.00
6	Aniline	2.225	2.120	4.7	82	0.00
7 S	Phenol-d6	1.635	1.515	7.3	79	0.00
8	2-Chlorophenol	1.247	1.153	7.5	78	0.00
9	Benzaldehyde	0.893	1.136	-27.2#	112	0.00
10 C	Phenol	1.808	1.646	9.0	78	-0.01
11	bis(2-Chloroethyl)ether	2.225	2.120	4.7	82	0.00
12	1,3-Dichlorobenzene	1.435	1.295	9.8	79	0.00
13 C	1,4-Dichlorobenzene	1.460	1.373	6.0	83	0.00
14	1,2-Dichlorobenzene	1.408	1.300	7.7	81	0.00
15	Benzyl Alcohol	1.348	1.281	5.0	83	-0.01
16	2,2'-oxybis(1-Chloropropane	3.487	3.153	9.6	78	0.00
17	2-Methylphenol	0.674	0.656	2.7	81	0.00
18	Hexachloroethane	0.512	0.458	10.5	78	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.118	1.1	84	0.00
20	3+4-Methylphenols	1.688	1.599	5.3	81	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22	Acetophenone	0.547	0.517	5.5	84	0.00
23 S	Nitrobenzene-d5	0.333	0.319	4.2	81	0.00
24	Nitrobenzene	0.362	0.356	1.7	83	0.00
25	Isophorone	0.799	0.754	5.6	83	-0.01
26 C	2-Nitrophenol	0.121	0.121	0.0	84	0.00
27	2,4-Dimethylphenol	0.303	0.313	-3.3	89	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.420	7.7	82	0.00
29 C	2,4-Dichlorophenol	0.320	0.305	4.7	81	0.00
30	1,2,4-Trichlorobenzene	0.363	0.345	5.0	84	0.00
31	Naphthalene	1.109	0.990	10.7	80	0.00
32	Benzoic acid	0.189	0.198	-4.8	93	-0.05
33	4-Chloroaniline	0.431	0.445	-3.2	92	0.00
34 C	Hexachlorobutadiene	0.284	0.250	12.0	80	0.00
35	Caprolactam	0.123	0.111	9.8	79	-0.03
36 C	4-Chloro-3-methylphenol	0.384	0.366	4.7	82	0.00
37	2-Methylnaphthalene	0.814	0.680	16.5	75	0.00
38	1-Methylnaphthalene	0.801	0.716	10.6	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.623	7.2	84	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.383	-26.8#	112	0.00
42 S	2,4,6-Tribromophenol	0.289	0.271	6.2	81	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.372	3.1	84	0.00
44	2,4,5-Trichlorophenol	0.443	0.412	7.0	81	0.00
45 S	2-Fluorobiphenyl	1.319	1.197	9.2	82	0.00
46	1,1'-Biphenyl	1.422	1.327	6.7	85	0.00
47	2-Chloronaphthalene	1.073	0.971	9.5	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064577.D
 Acq On : 24 Oct 2025 16:47
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG102425

Quant Time: Oct 24 17:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.318	-2.3	87	0.00
49	Acenaphthylene	1.693	1.755	-3.7	93	0.00
50	Dimethylphthalate	1.530	1.411	7.8	82	0.00
51	2,6-Dinitrotoluene	0.218	0.249	-14.2	96	0.00
52 C	Acenaphthene	1.157	1.022	11.7	80	0.00
53	3-Nitroaniline	0.263	0.277	-5.3	89	0.00
54 P	2,4-Dinitrophenol	0.132	0.118	10.6	82	0.00
55	Dibenzofuran	1.870	1.687	9.8	82	0.00
56 P	4-Nitrophenol	0.244	0.206	15.6	75	0.00
57	2,4-Dinitrotoluene	0.340	0.343	-0.9	85	0.00
58	Fluorene	1.460	1.323	9.4	82	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.429	-1.2	88	0.00
60	Diethylphthalate	1.563	1.405	10.1	81	0.00
61	4-Chlorophenyl-phenylether	0.820	0.736	10.2	81	0.00
62	4-Nitroaniline	0.293	0.277	5.5	81	-0.01
63	Azobenzene	1.434	1.302	9.2	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.073	7.6	82	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.518	4.1	82	0.00
67	4-Bromophenyl-phenylether	0.237	0.225	5.1	81	0.00
68	Hexachlorobenzene	0.270	0.250	7.4	79	0.00
69	Atrazine	0.232	0.224	3.4	85	0.00
70 C	Pentachlorophenol	0.169	0.147	13.0	76	0.00
71	Phenanthrene	1.094	0.982	10.2	78	0.00
72	Anthracene	1.113	1.007	9.5	79	0.00
73	Carbazole	0.981	0.860	12.3	77	0.00
74	Di-n-butylphthalate	1.134	0.984	13.2	73	0.00
75 C	Fluoranthene	1.370	1.167	14.8	75	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77	Benzidine	0.448	0.607	-35.5#	109	0.00
78	Pyrene	1.307	1.180	9.7	74	0.00
79 S	Terphenyl-d14	1.060	0.981	7.5	76	0.00
80	Butylbenzylphthalate	0.395	0.382	3.3	75	0.00
81	Benzo(a)anthracene	1.326	1.203	9.3	75	0.00
82	3,3'-Dichlorobenzidine	0.443	0.452	-2.0	83	0.00
83	Chrysene	1.262	1.121	11.2	74	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.553	6.3	73	0.00
85 c	Di-n-octyl phthalate	0.995	0.898	9.7	73	0.00
86 I	Perylene-d12	1.000	1.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.338	9.0	75	-0.02
88	Benzo(b)fluoranthene	1.226	1.111	9.4	74	0.00
89	Benzo(k)fluoranthene	1.227	1.143	6.8	78	-0.01
90 C	Benzo(a)pyrene	1.127	1.062	5.8	77	-0.01
91	Dibenzo(a,h)anthracene	1.195	1.099	8.0	76	-0.02
92	Benzo(g,h,i)perylene	1.471	1.338	9.0	75	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064577.D
Acq On : 24 Oct 2025 16:47
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG102425

Quant Time: Oct 24 17:24:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3422</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/27/2025 11:57</u>
Lab File ID:	<u>BG064583.D</u>	Init. Calib. Date(s):	<u>10/24/2025 10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:00 15:32</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.450		21.6	
Benzaldehyde	0.893	1.717		92.3	
Phenol-d6	1.635	2.044		25.0	
Phenol	1.808	2.253		24.6	20.0
bis(2-Chloroethyl)ether	2.225	2.744		23.3	
2-Chlorophenol	1.247	1.578		26.5	
2-Methylphenol	0.674	0.741		9.9	
2,2-oxybis(1-Chloropropane)	3.487	3.810		9.3	
Acetophenone	0.547	0.561		2.6	
3+4-Methylphenols	1.688	1.798		6.5	
n-Nitroso-di-n-propylamine	1.130	1.299	0.050	15.0	
Nitrobenzene-d5	0.333	0.335		0.6	
Hexachloroethane	0.512	0.530		3.5	
Nitrobenzene	0.362	0.371		2.5	
Isophorone	0.799	0.838		4.9	
2-Nitrophenol	0.121	0.114		-5.8	20.0
2,4-Dimethylphenol	0.303	0.316		4.3	
bis(2-Chloroethoxy)methane	0.455	0.477		4.8	
2,4-Dichlorophenol	0.320	0.336		5.0	20.0
Naphthalene	1.109	1.134		2.3	
4-Chloroaniline	0.431	0.451		4.6	
Hexachlorobutadiene	0.284	0.289		1.8	20.0
Caprolactam	0.123	0.118		-4.1	
4-Chloro-3-methylphenol	0.384	0.401		4.4	20.0
2-Methylnaphthalene	0.814	0.842		3.4	
Hexachlorocyclopentadiene	0.302	0.278	0.050	-7.9	
2,4,6-Trichlorophenol	0.384	0.396		3.1	20.0
2-Fluorobiphenyl	1.319	1.332		1.0	
2,4,5-Trichlorophenol	0.443	0.454		2.5	
1,1-Biphenyl	1.422	1.458		2.5	
2-Chloronaphthalene	1.073	1.098		2.3	
2-Nitroaniline	0.311	0.299		-3.9	
Dimethylphthalate	1.530	1.534		0.3	
Acenaphthylene	1.693	1.726		1.9	
2,6-Dinitrotoluene	0.218	0.217		-0.5	
3-Nitroaniline	0.263	0.266		1.1	
Acenaphthene	1.157	1.176		1.6	20.0
2,4-Dinitrophenol	0.132	0.132	0.050	0.0	
4-Nitrophenol	0.244	0.236	0.050	-3.3	



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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3422</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/27/2025 11:57</u>
Lab File ID:	<u>BG064583.D</u>	Init. Calib. Date(s):	<u>10/24/2025 10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:00 15:32</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.902		1.7	
2,4-Dinitrotoluene	0.340	0.332		-2.4	
Diethylphthalate	1.563	1.538		-1.6	
4-Chlorophenyl-phenylether	0.820	0.816		-0.5	
Fluorene	1.460	1.460		0.0	
4-Nitroaniline	0.293	0.301		2.7	
4,6-Dinitro-2-methylphenol	0.079	0.080		1.3	
n-Nitrosodiphenylamine	0.540	0.565		4.6	20.0
2,4,6-Tribromophenol	0.289	0.288		-0.3	
4-Bromophenyl-phenylether	0.237	0.247		4.2	
Hexachlorobenzene	0.270	0.278		3.0	
Atrazine	0.232	0.221		-4.7	
Pentachlorophenol	0.169	0.169		0.0	20.0
Phenanthrene	1.094	1.114		1.8	
Anthracene	1.113	1.141		2.5	
Carbazole	0.981	0.995		1.4	
Di-n-butylphthalate	1.135	1.104		-2.7	
Fluoranthene	1.370	1.371		0.1	20.0
Pyrene	1.307	1.325		1.4	
Terphenyl-d14	1.060	1.070		0.8	
Butylbenzylphthalate	0.395	0.419		6.1	
3,3-Dichlorobenzidine	0.443	0.452		2.0	
Benzo (a) anthracene	1.326	1.373		3.5	
Chrysene	1.262	1.294		2.5	
Bis(2-ethylhexyl)phthalate	0.590	0.622		5.4	
Di-n-octyl phthalate	0.995	1.040		4.5	20.0
Benzo (b) fluoranthene	1.226	1.264		3.1	
Benzo (k) fluoranthene	1.227	1.298		5.8	
Benzo (a) pyrene	1.127	1.172		4.0	20.0
Indeno (1,2,3-cd) pyrene	1.471	1.523		3.5	
Dibenzo (a,h) anthracene	1.195	1.242		3.9	
Benzo (g,h,i) perylene	1.471	1.523		3.5	
1,2,4,5-Tetrachlorobenzene	0.671	0.671		0.0	
1,4-Dioxane	0.528	0.633		19.9	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.435		2.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	39737	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	173874	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	136456	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	324576	20.000	ng	0.00
76) Chrysene-d12	21.851	240	347536	20.000	ng	-0.01
86) Perylene-d12	25.194	264	368889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	230506	97.366	ng	0.00
7) Phenol-d6	7.350	99	324858	100.000	ng	0.00
23) Nitrobenzene-d5	9.383	82	233175	80.547	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	157029	79.732	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	726855	80.739	ng	0.00
79) Terphenyl-d14	20.171	244	1486757	80.733	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	50329	48.018	ng	96
3) Pyridine	3.995	79	195127	61.994	ng	97
4) n-Nitrosodimethylamine	3.901	42	79462	47.077	ng	96
6) Aniline	7.527	93	218097	49.338	ng	98
8) 2-Chlorophenol	7.773	128	125412	50.611	ng	97
9) Benzaldehyde	7.339	77	136425	76.923	ng	97
10) Phenol	7.380	94	179040	49.835	ng	96
11) bis(2-Chloroethyl)ether	7.527	93	218097	49.338	ng	98
12) 1,3-Dichlorobenzene	8.108	146	118958	41.710	ng	96
13) 1,4-Dichlorobenzene	8.255	146	120647	41.603	ng	99
14) 1,2-Dichlorobenzene	8.578	146	116103	41.508	ng	96
15) Benzyl Alcohol	8.449	79	115357	43.062	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.737	45	302812	43.704	ng	98
17) 2-Methylphenol	8.449	107	58865	43.960	ng	92
18) Hexachloroethane	9.325	117	42141	41.409	ng	98
19) n-Nitroso-di-n-propyla...	9.025	70	103213	45.972	ng	96
20) 3+4-Methylphenols	8.972	107	142872	42.591	ng	96
22) Acetophenone	9.042	105	195028	41.032	ng	95
24) Nitrobenzene	9.424	77	128864	40.927	ng	99
25) Isophorone	9.953	82	291391	41.948	ng	99
26) 2-Nitrophenol	10.141	139	39727	33.699	ng	92
27) 2,4-Dimethylphenol	10.188	122	109961	41.721	ng	94
28) bis(2-Chloroethoxy)met...	10.435	93	165991	41.969	ng	98
29) 2,4-Dichlorophenol	10.676	162	116926	42.048	ng	95
30) 1,2,4-Trichlorobenzene	10.905	180	128652	40.719	ng	99
31) Naphthalene	11.099	128	394232	40.895	ng	99
32) Benzoic acid	10.317	122	61367	34.567	ng	93
33) 4-Chloroaniline	11.187	127	156793	41.846	ng	98
34) Hexachlorobutadiene	11.387	225	100526	40.684	ng	98
35) Caprolactam	11.951	113	41048	38.487	ng	# 88
36) 4-Chloro-3-methylphenol	12.292	107	139274	41.668	ng	98
37) 2-Methylnaphthalene	12.685	142	292711	41.357	ng	99
38) 1-Methylnaphthalene	12.903	142	286227	41.099	ng	98
40) 1,2,4,5-Tetrachloroben...	13.050	216	183039	39.969	ng	99
41) Hexachlorocyclopentadiene	13.038	237	75893	36.818	ng	98
43) 2,4,6-Trichlorophenol	13.279	196	108131	41.278	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

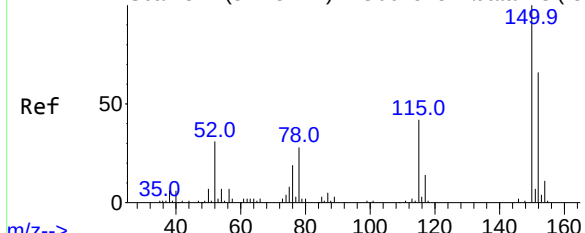
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.343	196	123941	41.000	ng	99
46) 1,1'-Biphenyl	13.678	154	397857	41.012	ng	97
47) 2-Chloronaphthalene	13.725	162	299701	40.928	ng	99
48) 2-Nitroaniline	13.907	65	81503	34.152	ng	93
49) Acenaphthylene	14.565	152	471014	40.780	ng	99
50) Dimethylphthalate	14.283	163	418670	40.096	ng	100
51) 2,6-Dinitrotoluene	14.395	165	59354	35.352	ng	98
52) Acenaphthene	14.906	154	320852	40.659	ng	99
53) 3-Nitroaniline	14.724	138	72727	40.529	ng	92
54) 2,4-Dinitrophenol	14.924	184	35977	37.232	ng	97
55) Dibenzofuran	15.235	168	519158	40.693	ng	99
56) 4-Nitrophenol	15.012	139	64395	38.706	ng	97
57) 2,4-Dinitrotoluene	15.182	165	90701	34.936	ng	# 95
58) Fluorene	15.882	166	398395	39.986	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.453	232	118842	41.112	ng	98
60) Diethylphthalate	15.647	149	419702	39.366	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	222810	39.849	ng	96
62) 4-Nitroaniline	15.882	138	82074	41.112	ng	96
63) Azobenzene	16.164	77	404156	41.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.940	198	51664	37.510	ng	97
66) n-Nitrosodiphenylamine	16.081	169	367072	41.867	ng	99
67) 4-Bromophenyl-phenylether	16.763	248	160468	41.720	ng	99
68) Hexachlorobenzene	16.886	284	180323	41.094	ng	97
69) Atrazine	17.021	200	143289	37.977	ng	98
70) Pentachlorophenol	17.221	266	109806	40.129	ng	91
71) Phenanthrene	17.621	178	723122	40.740	ng	99
72) Anthracene	17.715	178	740918	41.035	ng	98
73) Carbazole	17.967	167	645806	40.561	ng	99
74) Di-n-butylphthalate	18.531	149	716403	38.911	ng	99
75) Fluoranthene	19.612	202	889861	40.019	ng	100
77) Benzidine	19.783	184	466575	59.923	ng	99
78) Pyrene	19.971	202	921148	40.568	ng	98
80) Butylbenzylphthalate	20.852	149	290894	42.388	ng	96
81) Benzo(a)anthracene	21.833	228	954317	41.414	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	314331	40.849	ng	99
83) Chrysene	21.904	228	899714	41.033	ng	97
84) Bis(2-ethylhexyl)phtha...	21.745	149	432180	42.146	ng	97
85) Di-n-octyl phthalate	23.008	149	722967	41.817	ng	100
87) Indeno(1,2,3-cd)pyrene	29.031	276	1123402	41.398	ng	99
88) Benzo(b)fluoranthene	24.137	252	932900	41.242	ng	98
89) Benzo(k)fluoranthene	24.207	252	957914	42.319	ng	98
90) Benzo(a)pyrene	25.041	252	864413	41.573	ng	100
91) Dibenzo(a,h)anthracene	29.101	278	916106	41.553	ng	98
92) Benzo(g,h,i)perylene	29.031	276	1123402	41.398	ng	99

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

[illegible]

Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.220 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 39737

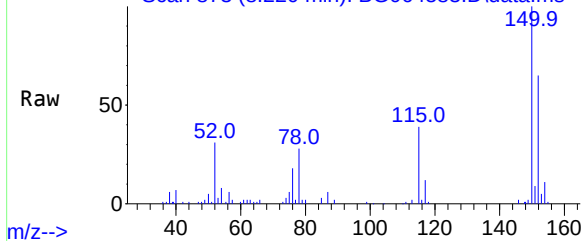
Ion Ratio Lower Upper

152 100

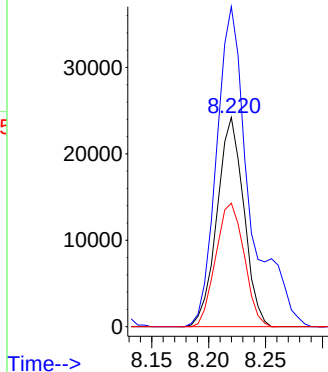
150 152.9 122.2 183.4

115 59.0 50.8 76.2

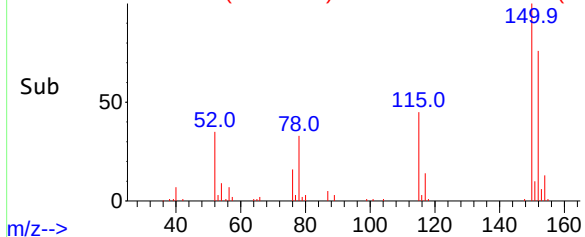
Abundance Scan 873 (8.220 min): BG064583.D\data.ms



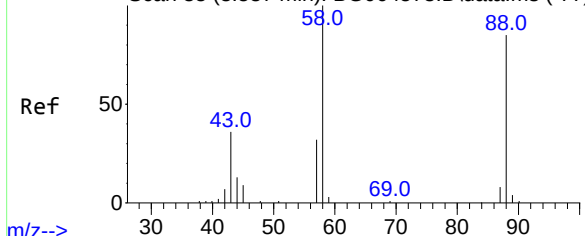
Abundance



Abundance Scan 873 (8.220 min): BG064583.D\data.ms (-85)



Abundance Scan 85 (3.587 min): BG064573.D\data.ms (-77)



#2

1,4-Dioxane

Concen: 48.018 ng

RT: 3.590 min Scan# 85

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion: 88 Resp: 50329

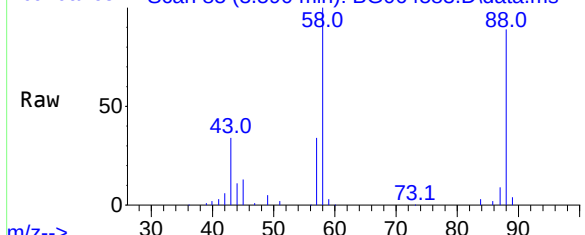
Ion Ratio Lower Upper

88 100

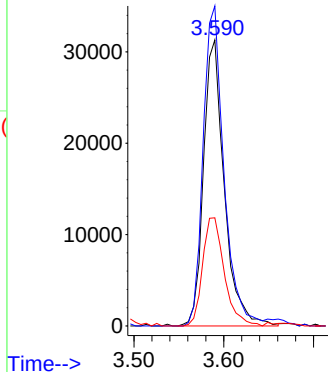
58 111.3 92.4 138.6

43 39.5 33.0 49.6

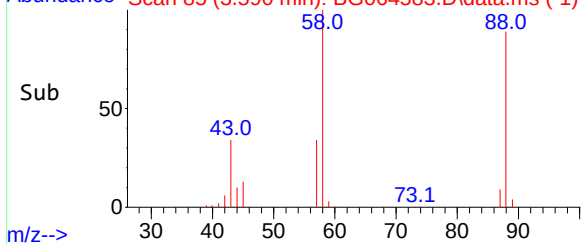
Abundance Scan 85 (3.590 min): BG064583.D\data.ms

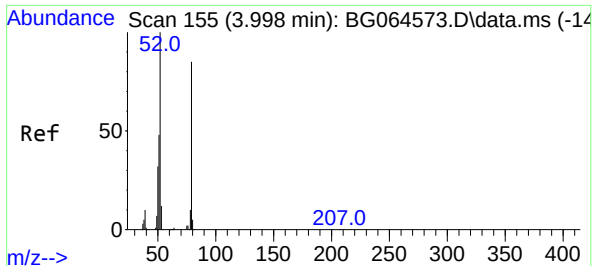


Abundance



Abundance Scan 85 (3.590 min): BG064583.D\data.ms (-1)

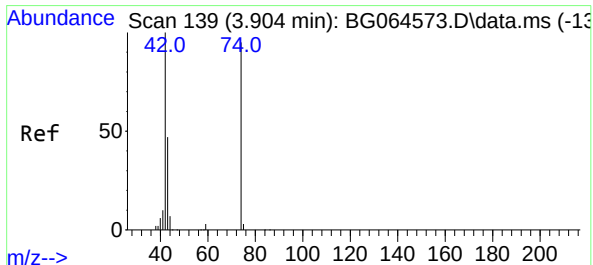
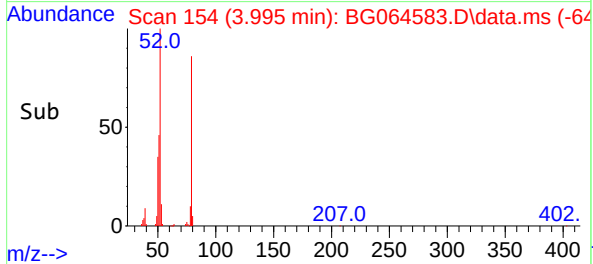
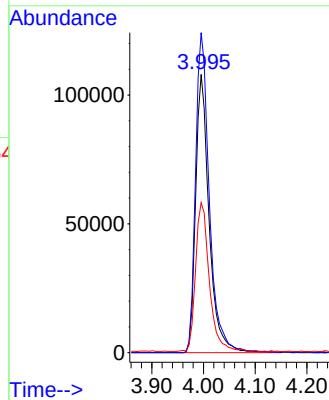
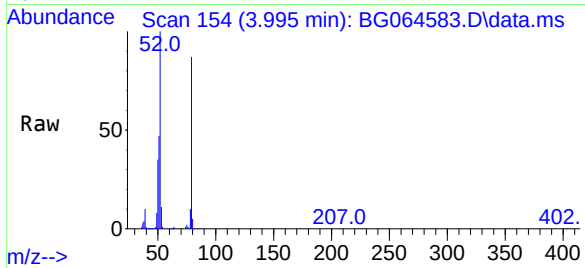




#3
Pyridine
Concen: 61.994 ng
RT: 3.995 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

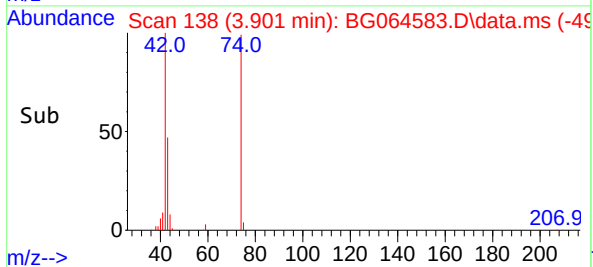
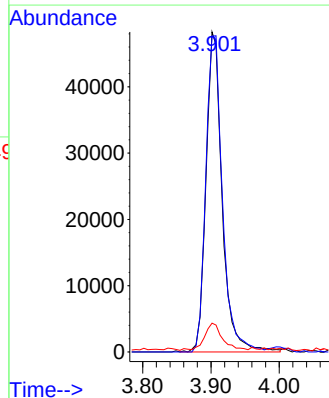
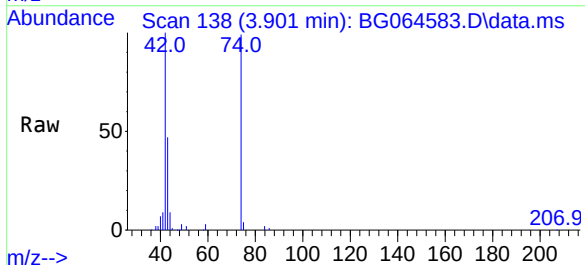
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 195127
Ion Ratio Lower Upper
79 100
52 115.0 94.2 141.2
51 53.9 46.1 69.1

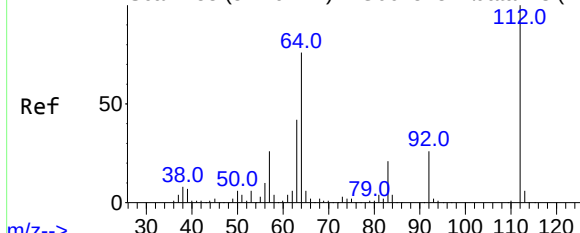


#4
n-Nitrosodimethylamine
Concen: 47.077 ng
RT: 3.901 min Scan# 138
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion: 42 Resp: 79462
Ion Ratio Lower Upper
42 100
74 98.7 76.1 114.1
44 9.0 6.3 9.5



Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



#5

2-Fluorophenol

Concen: 97.366 ng

RT: 5.746 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 230506

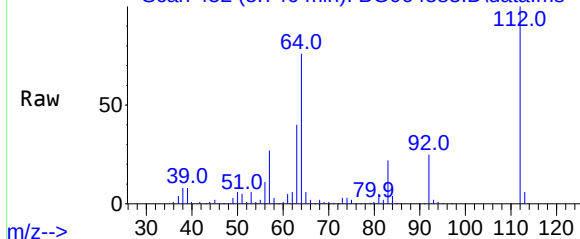
Ion Ratio Lower Upper

112 100

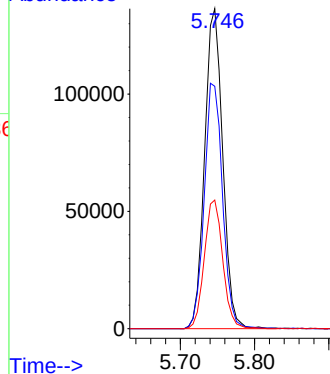
64 75.7 60.7 91.1

63 40.2 33.4 50.0

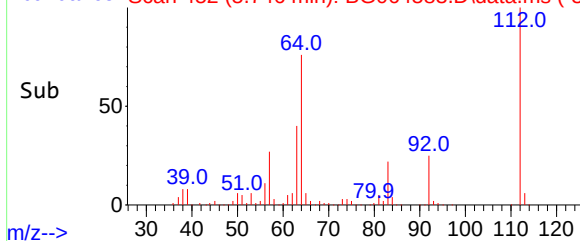
Abundance Scan 452 (5.746 min): BG064583.D\data.ms



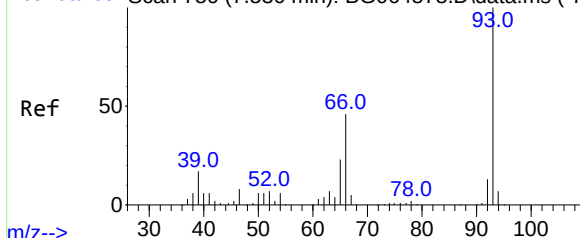
Abundance



Abundance Scan 452 (5.746 min): BG064583.D\data.ms (-36



Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74



#6

Aniline

Concen: 49.338 ng

RT: 7.527 min Scan# 755

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion: 93 Resp: 218097

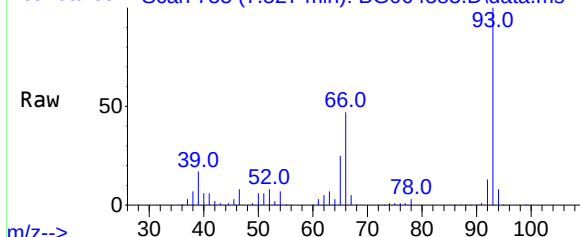
Ion Ratio Lower Upper

93 100

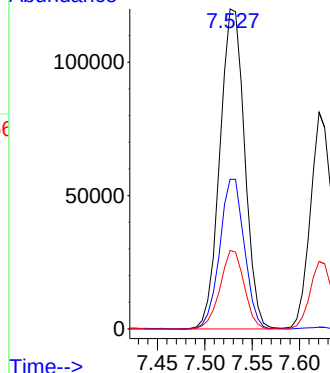
66 46.8 37.0 55.6

65 24.6 18.3 27.5

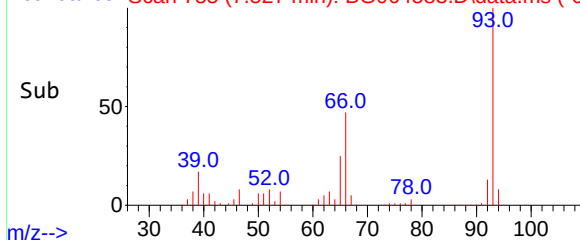
Abundance Scan 755 (7.527 min): BG064583.D\data.ms



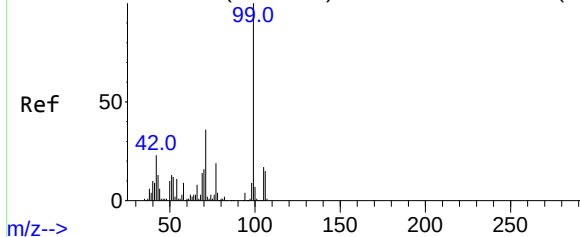
Abundance



Abundance Scan 755 (7.527 min): BG064583.D\data.ms (-66

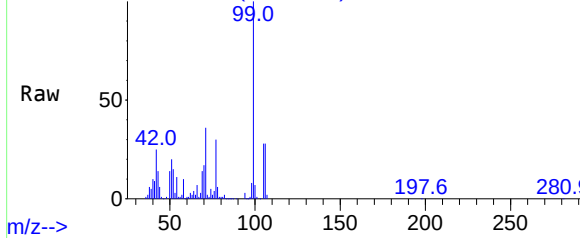


Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



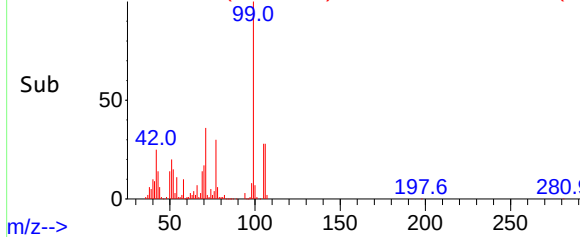
m/z-->

Abundance Scan 725 (7.350 min): BG064583.D\data.ms (-63



m/z-->

Abundance Scan 725 (7.350 min): BG064583.D\data.ms (-63



m/z-->

#7

Phenol-d6

Concen: 100.000 ng

RT: 7.350 min Scan# 71

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 324858

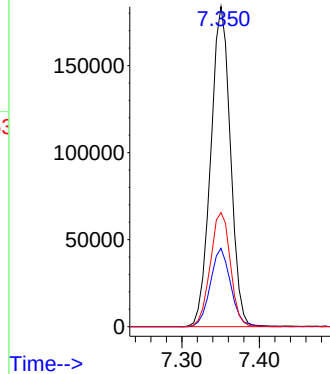
Ion Ratio Lower Upper

99 100

42 24.5 18.3 27.5

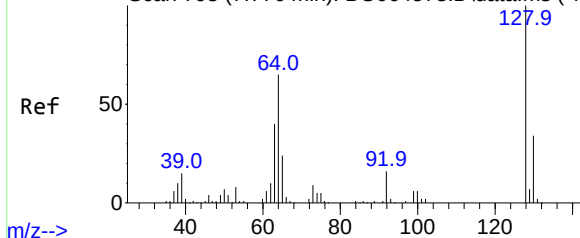
71 35.6 28.6 43.0

Abundance



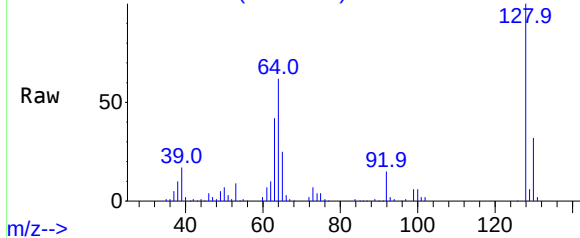
Time-->

Abundance Scan 798 (7.776 min): BG064573.D\data.ms (-79



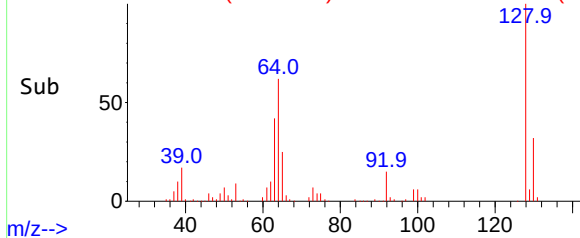
m/z-->

Abundance Scan 797 (7.773 min): BG064583.D\data.ms (-70



m/z-->

Abundance Scan 797 (7.773 min): BG064583.D\data.ms (-70



m/z-->

#8

2-Chlorophenol

Concen: 50.611 ng

RT: 7.773 min Scan# 797

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion: 128 Resp: 125412

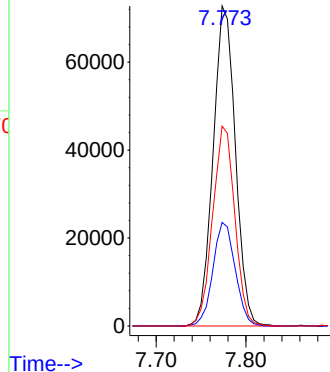
Ion Ratio Lower Upper

128 100

130 32.3 13.5 53.5

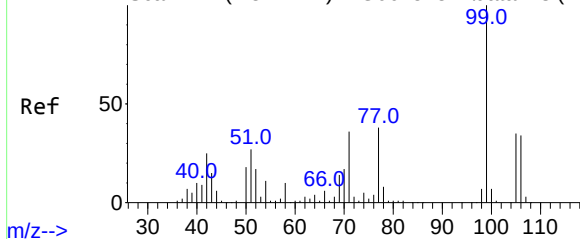
64 62.5 45.2 85.2

Abundance



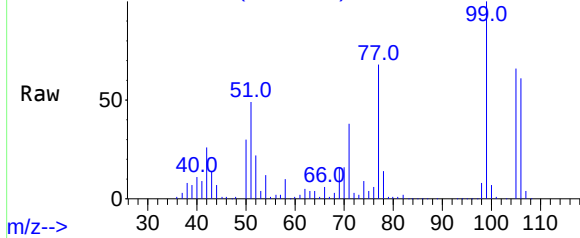
Time-->

Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



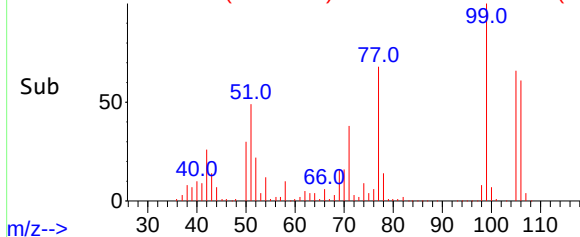
m/z-->

Abundance Scan 723 (7.339 min): BG064583.D\data.ms



m/z-->

Abundance Scan 723 (7.339 min): BG064583.D\data.ms (-70



m/z-->

#9

Benzaldehyde

Concen: 76.923 ng

RT: 7.339 min Scan# 71

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

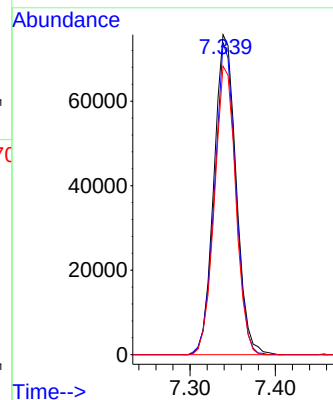
Tgt Ion: 77 Resp: 136425

Ion Ratio Lower Upper

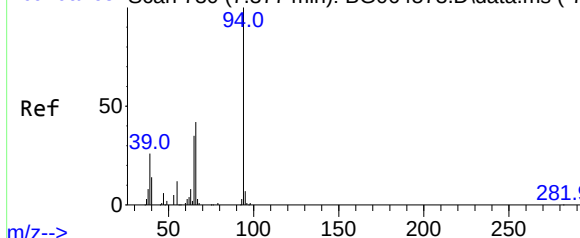
77 100

105 97.5 72.9 112.9

106 90.2 70.8 110.8

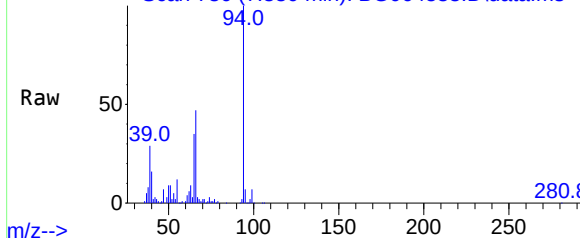


Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



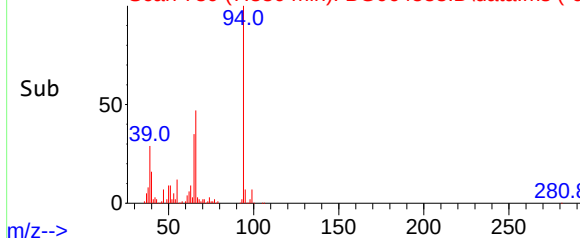
m/z-->

Abundance Scan 730 (7.380 min): BG064583.D\data.ms



m/z-->

Abundance Scan 730 (7.380 min): BG064583.D\data.ms (-64



m/z-->

#10

Phenol

Concen: 49.835 ng

RT: 7.380 min Scan# 730

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

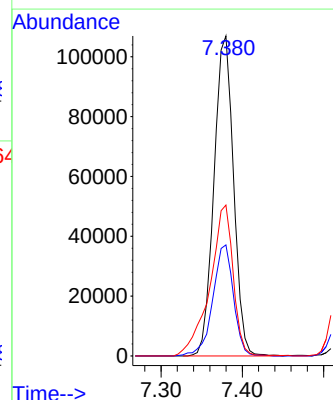
Tgt Ion: 94 Resp: 179040

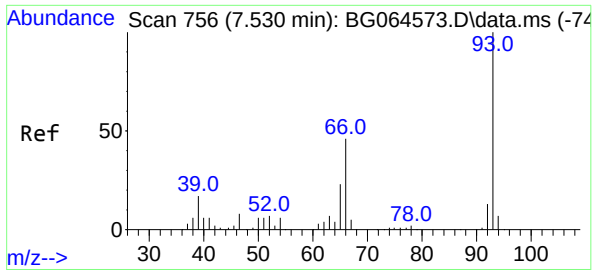
Ion Ratio Lower Upper

94 100

65 34.7 15.8 55.8

66 47.2 24.0 64.0

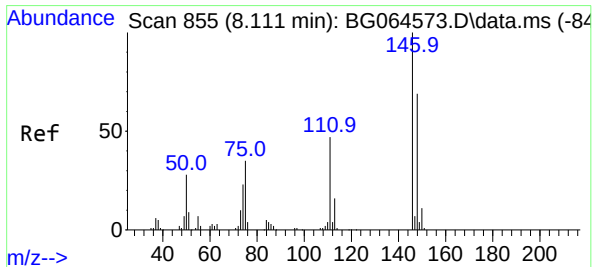
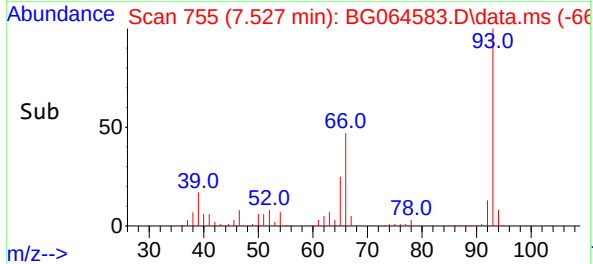
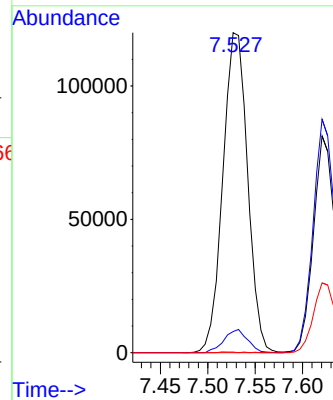
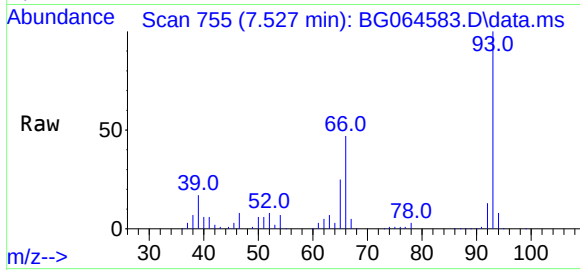




#11
bis(2-Chloroethyl)ether
Concen: 49.338 ng
RT: 7.527 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

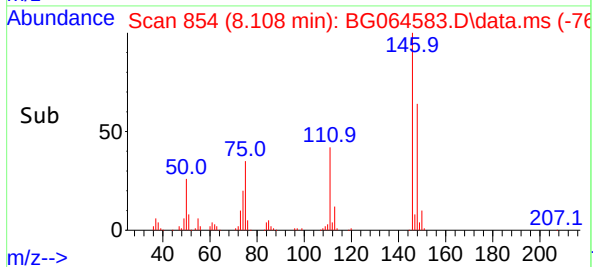
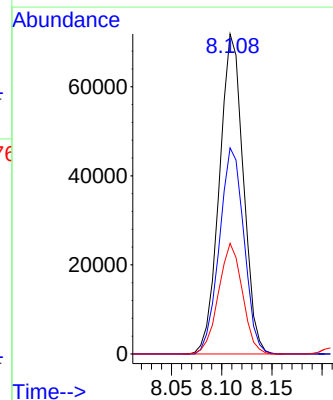
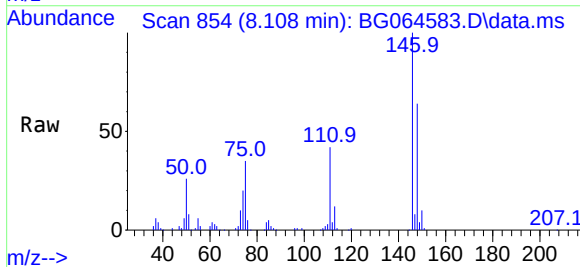
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 218097
Ion Ratio Lower Upper
93 100
63 6.6 0.0 27.4
95 0.2 0.0 20.2

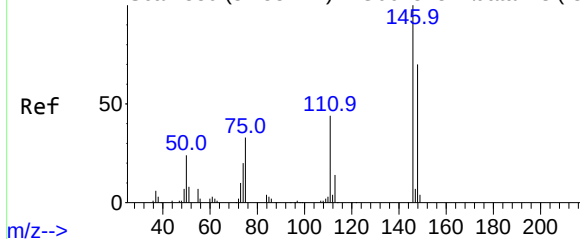


#12
1,3-Dichlorobenzene
Concen: 41.710 ng
RT: 8.108 min Scan# 854
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:146 Resp: 118958
Ion Ratio Lower Upper
146 100
148 64.4 55.3 82.9
75 34.6 28.2 42.2

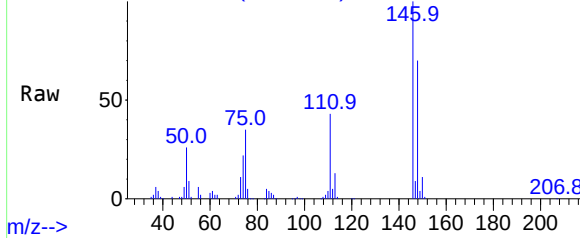


Abundance Scan 880 (8.258 min): BG064573.D\data.ms (-87



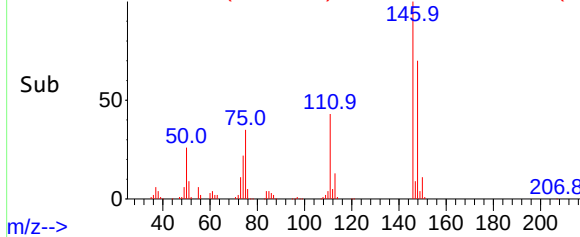
m/z-->

Abundance Scan 879 (8.255 min): BG064583.D\data.ms



m/z-->

Abundance Scan 879 (8.255 min): BG064583.D\data.ms (-78



m/z-->

#13

1,4-Dichlorobenzene

Concen: 41.603 ng

RT: 8.255 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

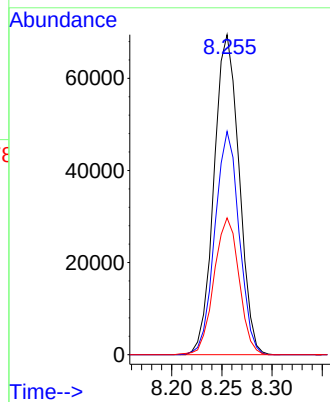
Tgt Ion:146 Resp: 120647

Ion Ratio Lower Upper

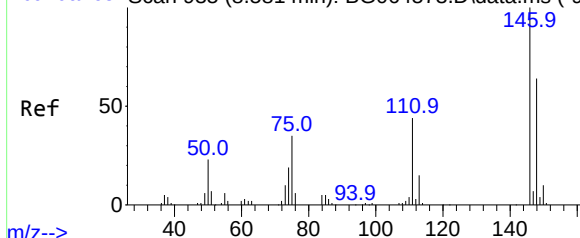
146 100

148 69.8 56.2 84.4

111 42.8 35.4 53.0

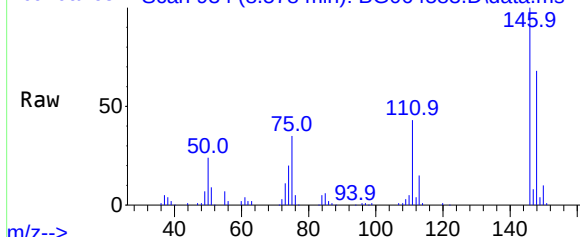


Abundance Scan 935 (8.581 min): BG064573.D\data.ms (-92



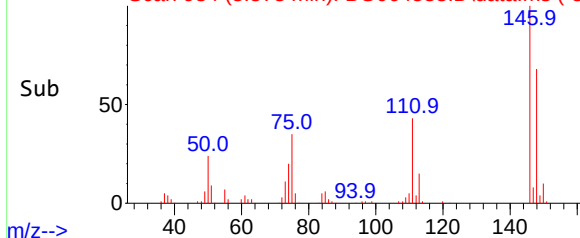
m/z-->

Abundance Scan 934 (8.578 min): BG064583.D\data.ms



m/z-->

Abundance Scan 934 (8.578 min): BG064583.D\data.ms (-84



m/z-->

#14

1,2-Dichlorobenzene

Concen: 41.508 ng

RT: 8.578 min Scan# 934

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

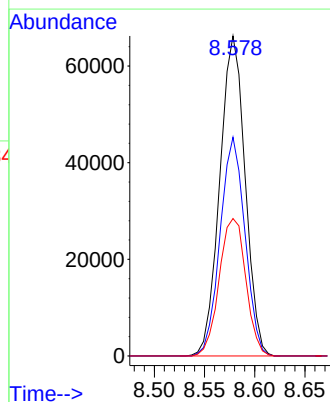
Tgt Ion:146 Resp: 116103

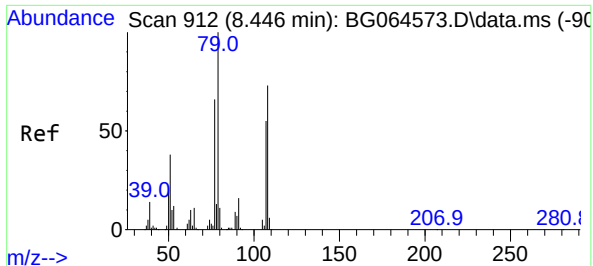
Ion Ratio Lower Upper

146 100

148 68.4 51.5 77.3

111 43.0 35.0 52.6

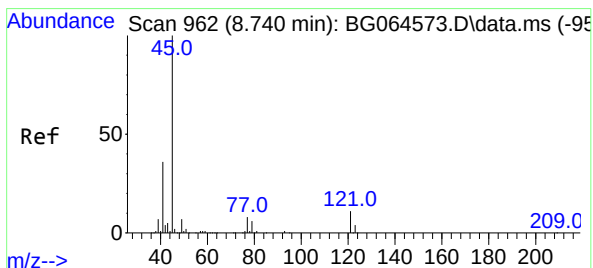
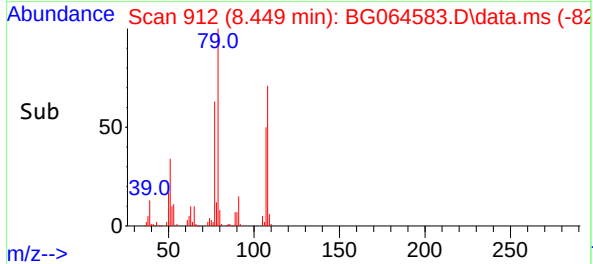
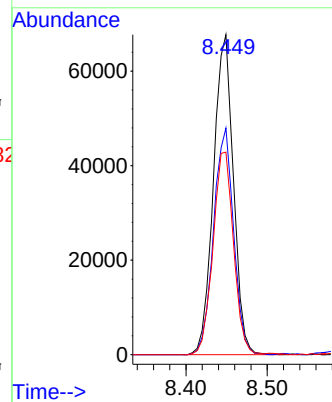
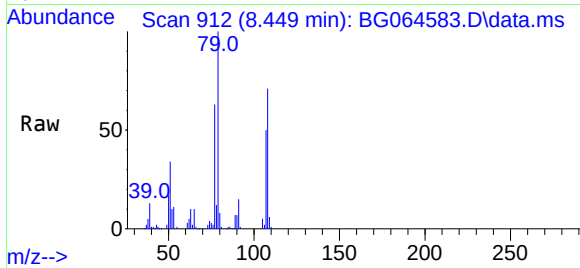




#15
Benzyl Alcohol
Concen: 43.062 ng
RT: 8.449 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

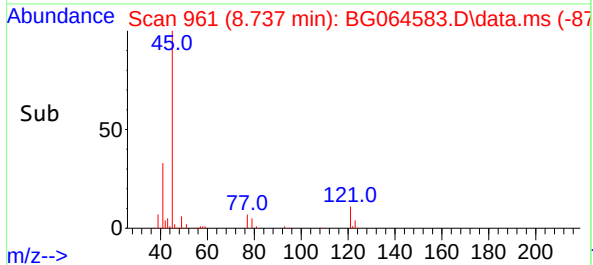
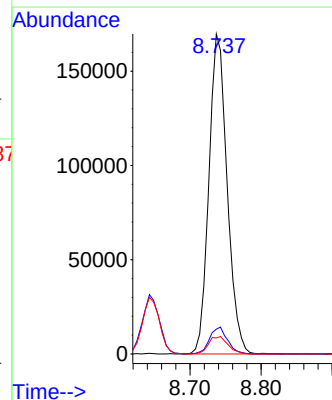
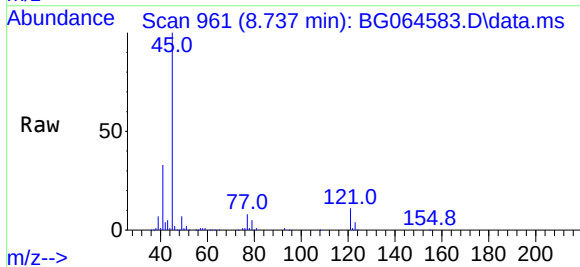
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

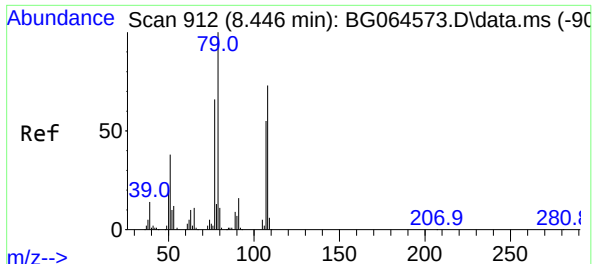
Tgt Ion: 79 Resp: 115357
Ion Ratio Lower Upper
79 100
108 70.8 58.1 87.1
77 63.3 52.8 79.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.704 ng
RT: 8.737 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion: 45 Resp: 302812
Ion Ratio Lower Upper
45 100
77 7.8 0.0 28.5
79 5.0 0.0 25.6





#17

2-Methylphenol

Concen: 43.960 ng

RT: 8.449 min Scan# 912

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

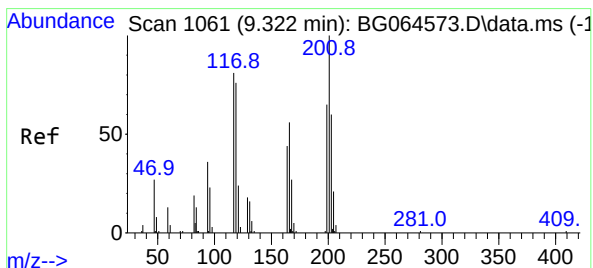
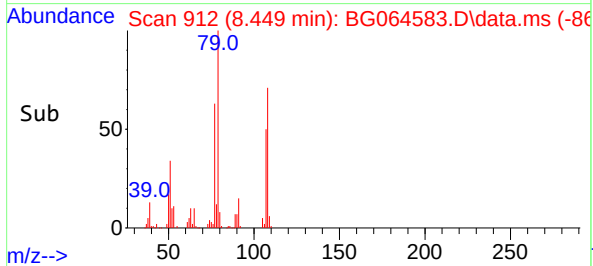
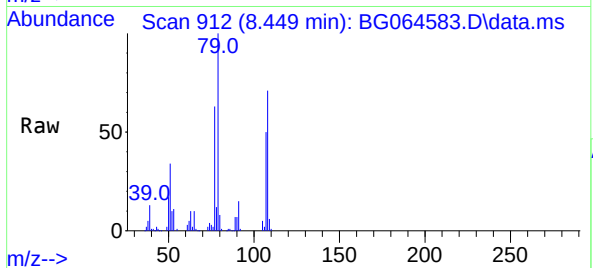
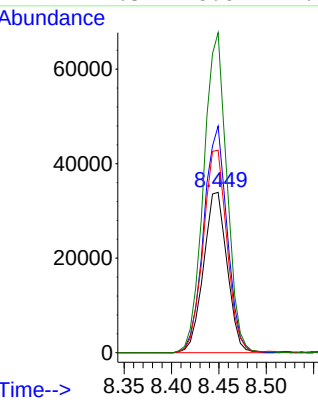
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 58865

Ion	Ratio	Lower	Upper
107	100		
108	141.3	106.4	159.6
77	126.3	96.7	145.1
79	199.5	146.6	219.8



#18

Hexachloroethane

Concen: 41.409 ng

RT: 9.325 min Scan# 1061

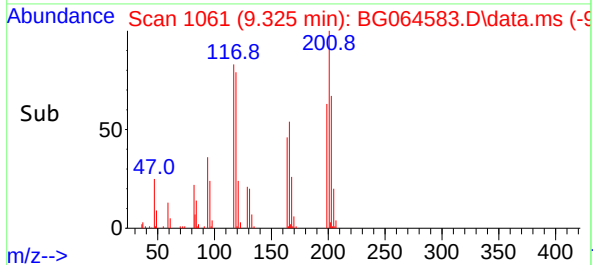
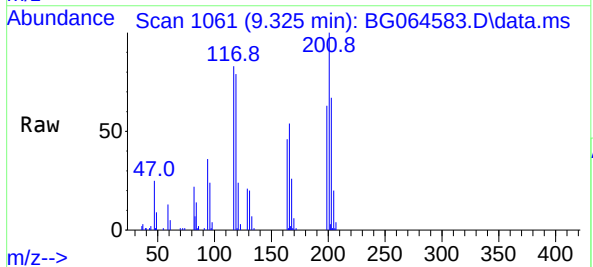
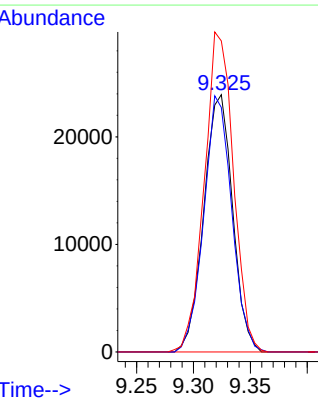
Delta R.T. -0.001 min

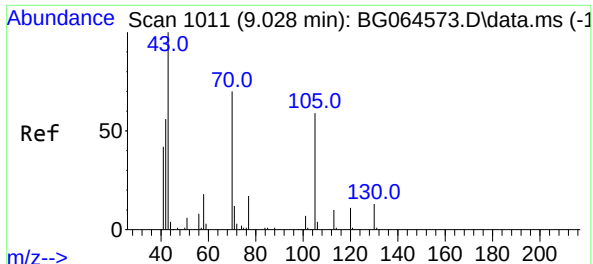
Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:117 Resp: 42141

Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.2
201	120.9	99.2	148.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.972 ng

RT: 9.025 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 103213

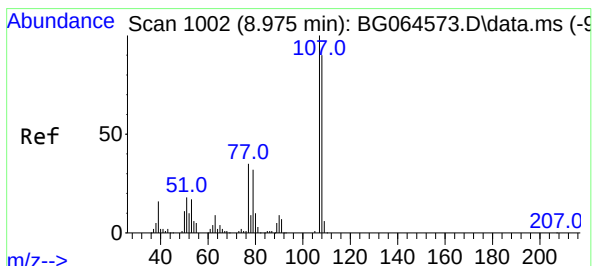
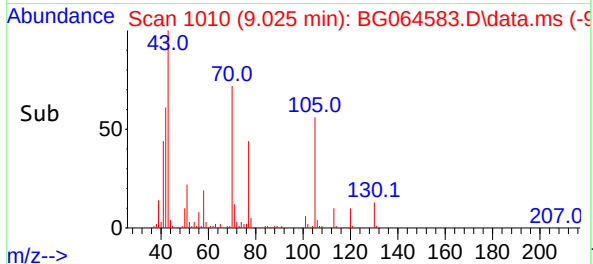
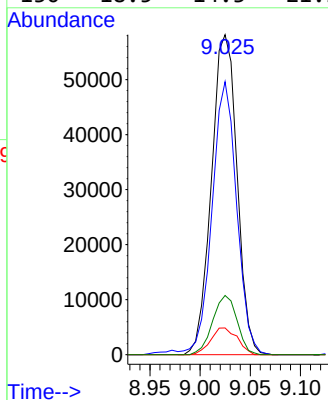
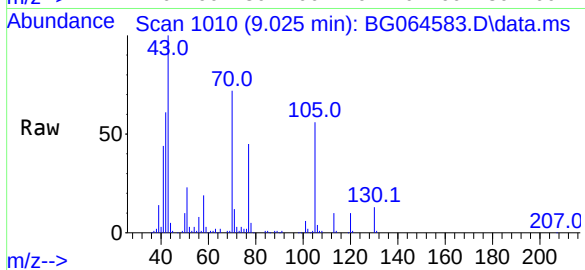
Ion Ratio Lower Upper

70 100

42 85.3 65.2 97.8

101 8.4 7.9 11.9

130 18.5 14.3 21.5



#20

3+4-Methylphenols

Concen: 42.591 ng

RT: 8.972 min Scan# 1001

Delta R.T. -0.012 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:107 Resp: 142872

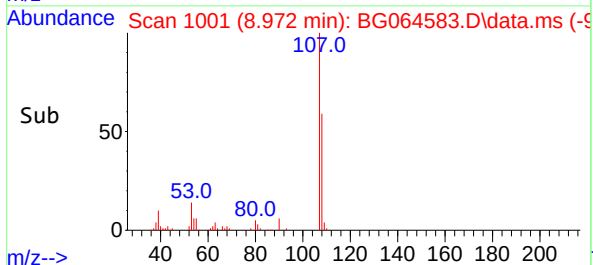
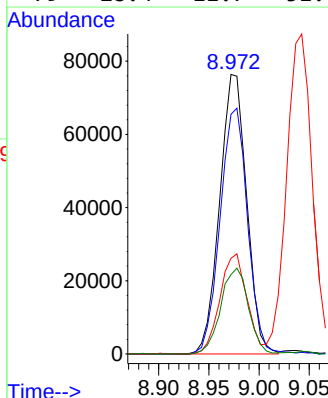
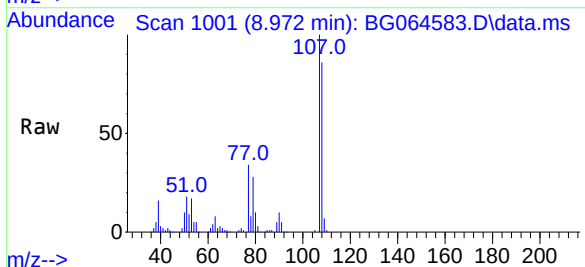
Ion Ratio Lower Upper

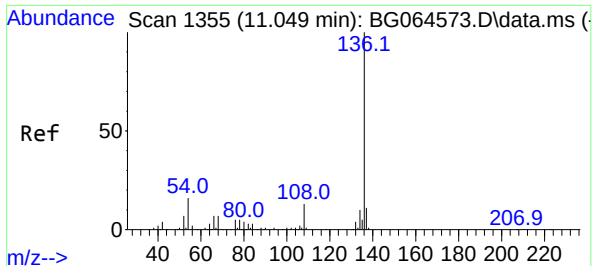
107 100

108 85.8 70.3 110.3

77 34.2 14.6 54.6

79 28.4 11.7 51.7

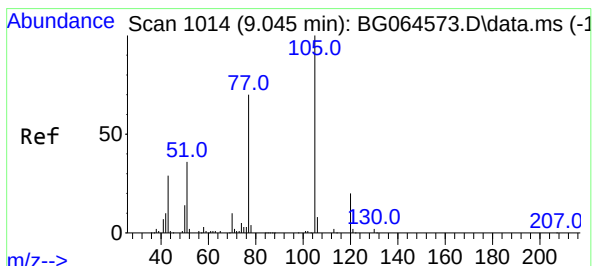
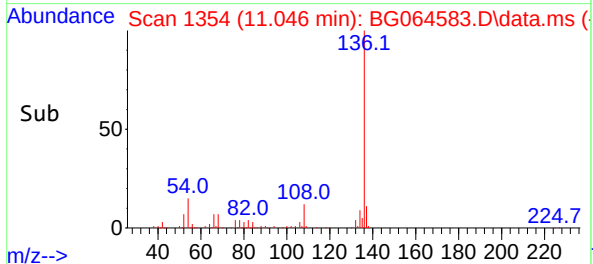
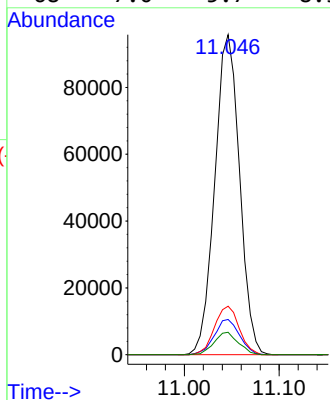
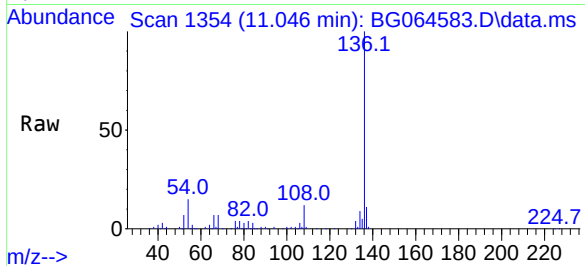




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

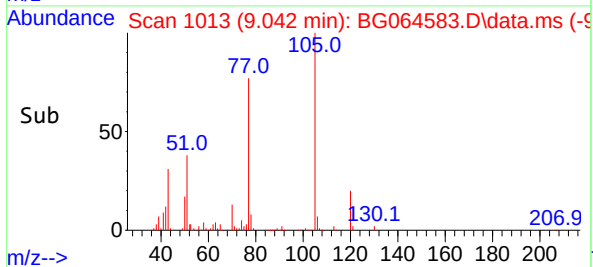
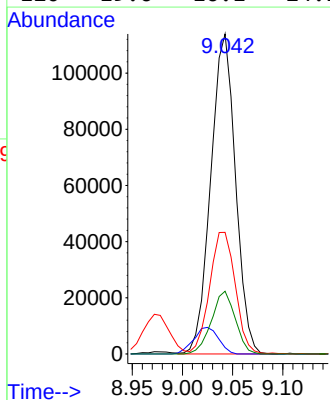
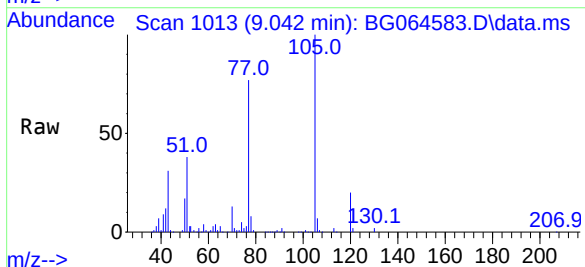
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

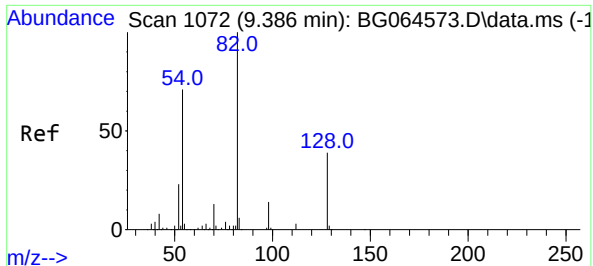
Tgt Ion:136 Resp: 173874
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 15.2 12.6 19.0
68 7.0 5.7 8.5



#22
Acetophenone
Concen: 41.032 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:105 Resp: 195028
Ion Ratio Lower Upper
105 100
71 2.0 1.5 2.3
51 38.0 33.7 50.5
120 19.6 16.1 24.1





#23

Nitrobenzene-d5

Concen: 80.547 ng

RT: 9.383 min Scan# 1072

Delta R.T. -0.007 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

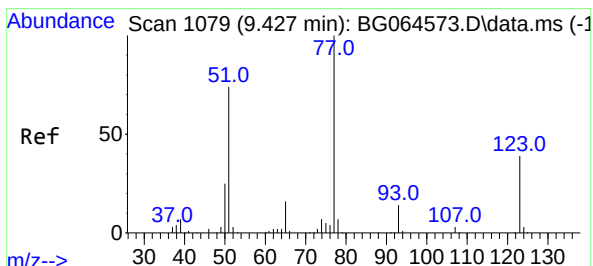
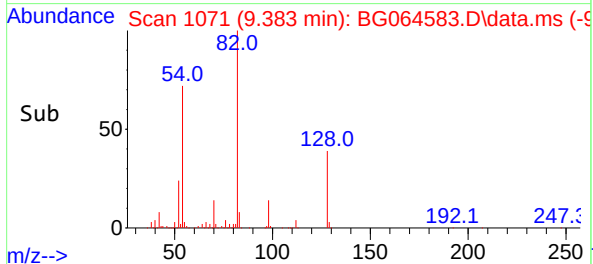
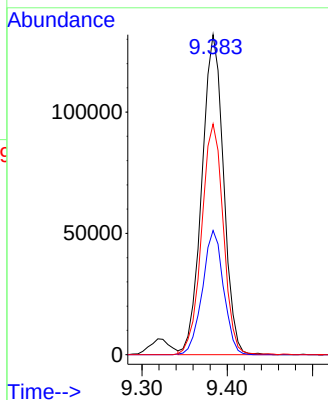
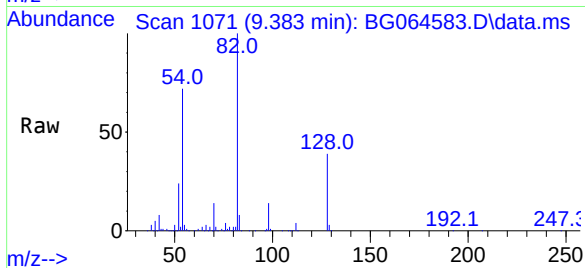
Tgt Ion: 82 Resp: 233175

Ion Ratio Lower Upper

82 100

128 38.8 31.3 46.9

54 72.1 56.6 84.8



#24

Nitrobenzene

Concen: 40.927 ng

RT: 9.424 min Scan# 1078

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

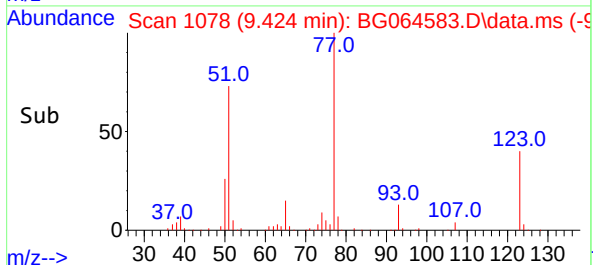
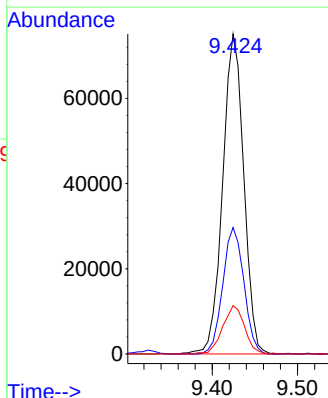
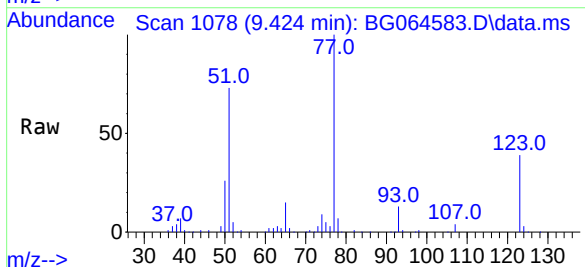
Tgt Ion: 77 Resp: 128864

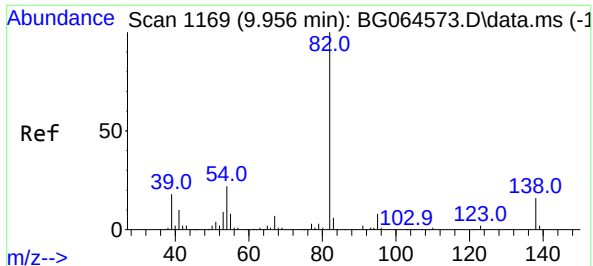
Ion Ratio Lower Upper

77 100

123 39.5 31.0 46.6

65 15.1 12.7 19.1

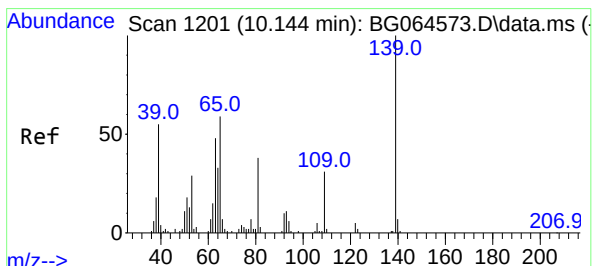
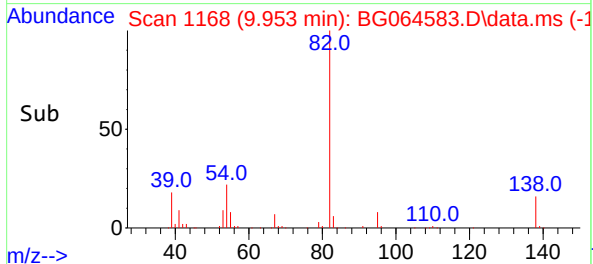
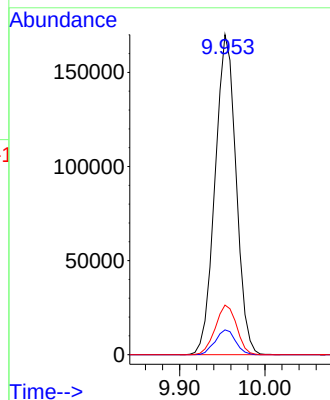
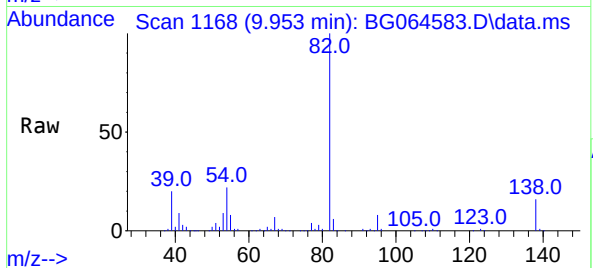




#25
Isophorone
Concen: 41.948 ng
RT: 9.953 min Scan# 1169
Delta R.T. -0.013 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

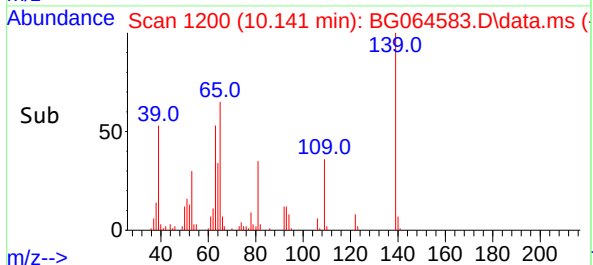
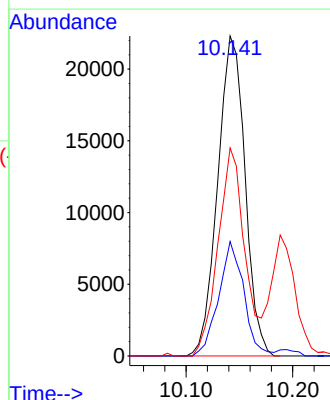
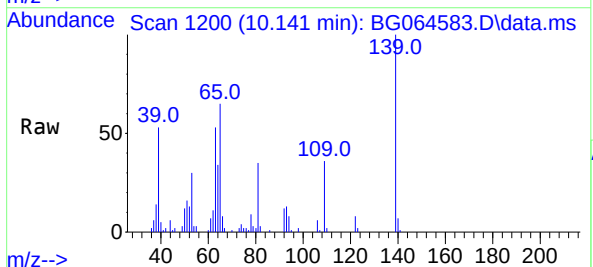
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

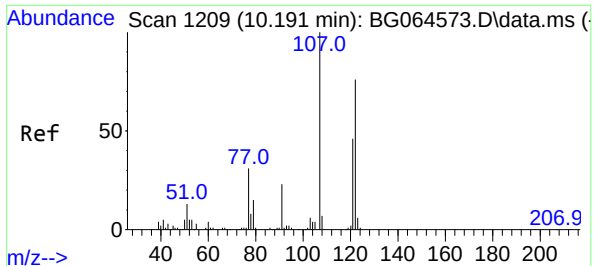
Tgt Ion: 82 Resp: 291391
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 15.5 13.0 19.4



#26
2-Nitrophenol
Concen: 33.699 ng
RT: 10.141 min Scan# 1200
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion: 139 Resp: 39727
Ion Ratio Lower Upper
139 100
109 35.8 24.6 37.0
65 65.0 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 41.721 ng

RT: 10.188 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

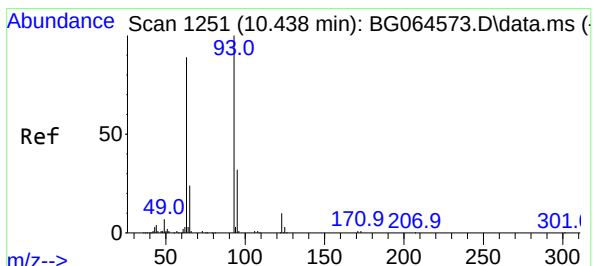
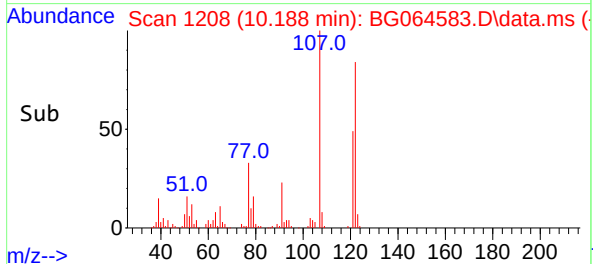
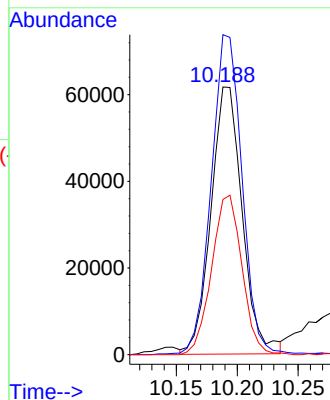
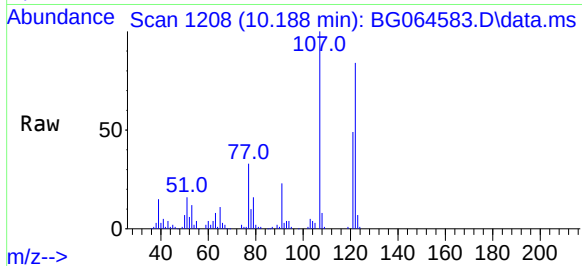
Tgt Ion:122 Resp: 109961

Ion Ratio Lower Upper

122 100

107 119.6 103.0 154.4

121 58.0 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.969 ng

RT: 10.435 min Scan# 1250

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

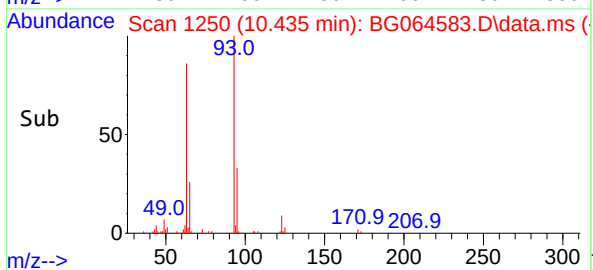
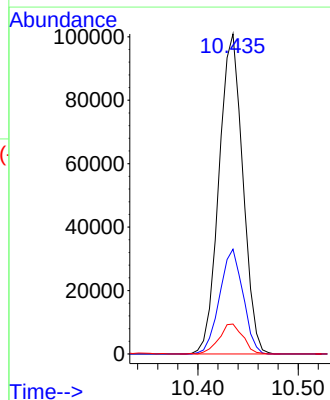
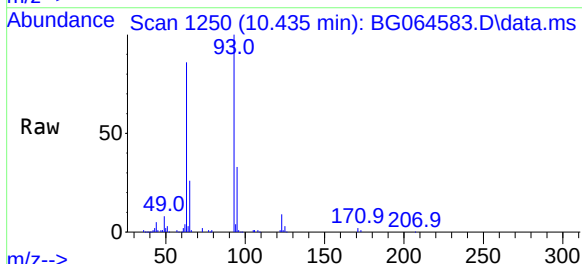
Tgt Ion: 93 Resp: 165991

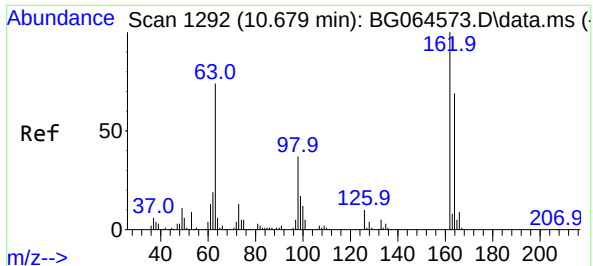
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.2

123 9.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 42.048 ng

RT: 10.676 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

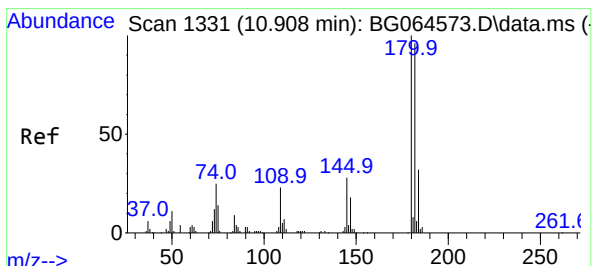
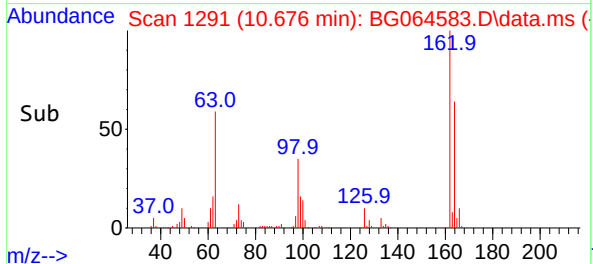
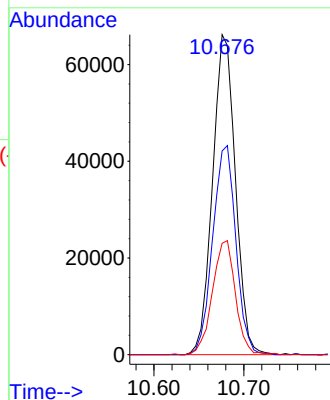
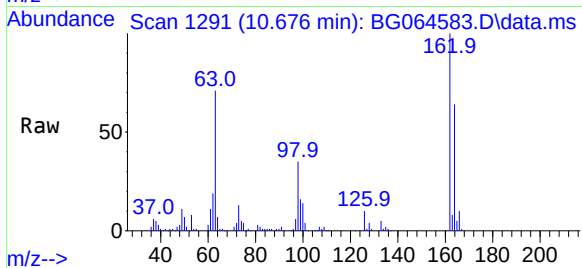
Tgt Ion:162 Resp: 116926

Ion Ratio Lower Upper

162 100

164 63.6 48.7 88.7

98 34.8 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 40.719 ng

RT: 10.905 min Scan# 1330

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

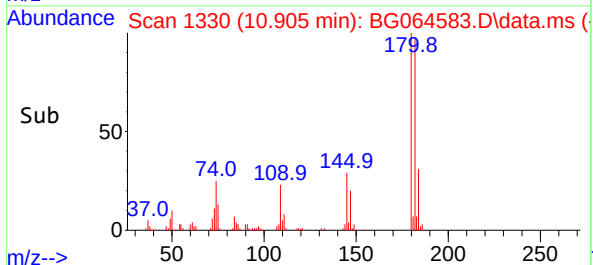
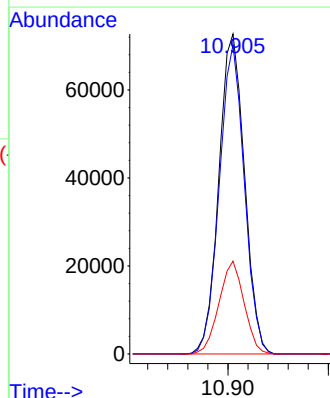
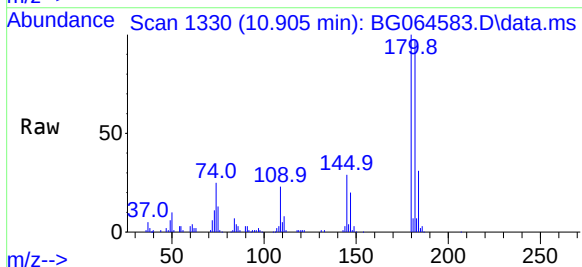
Tgt Ion:180 Resp: 128652

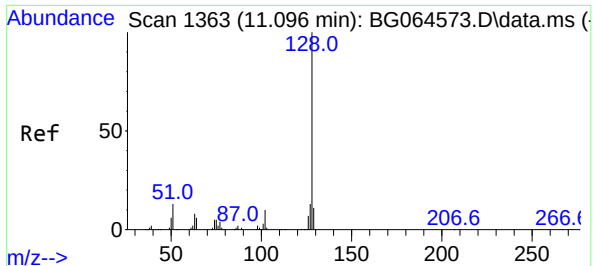
Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

145 29.0 22.1 33.1

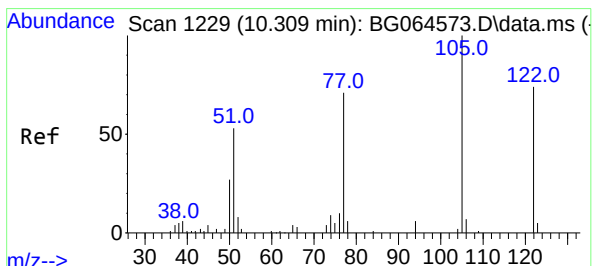
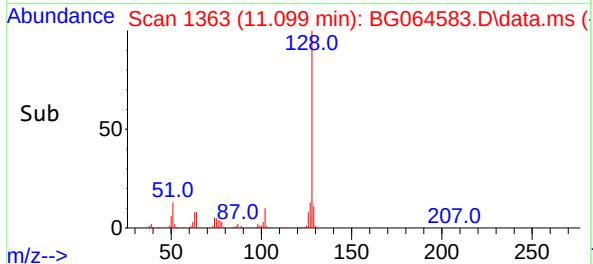
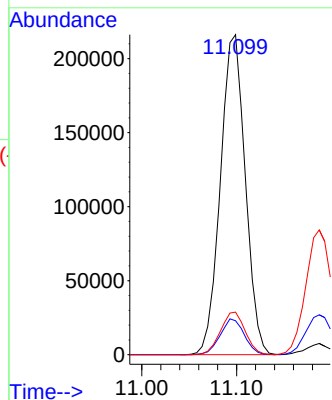
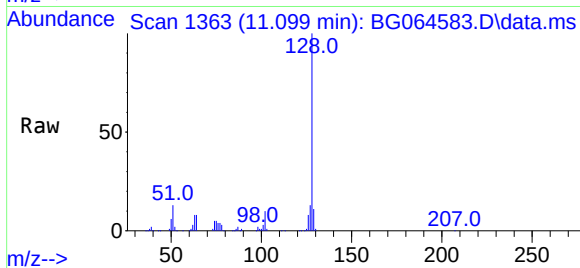




#31
Naphthalene
Concen: 40.895 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

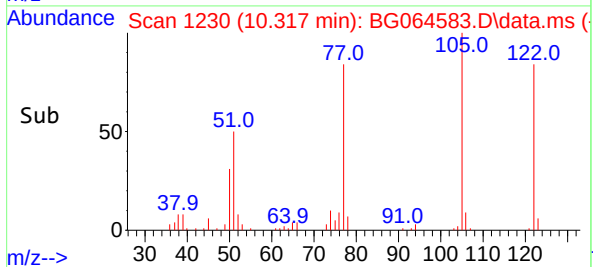
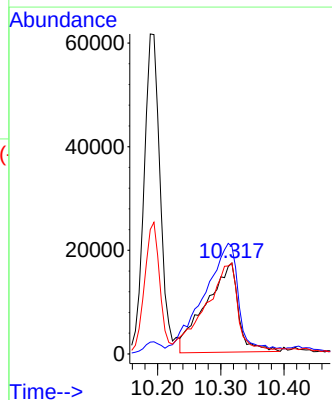
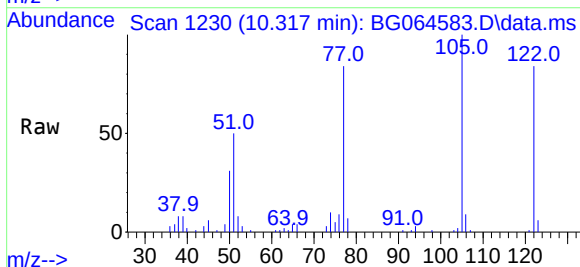
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

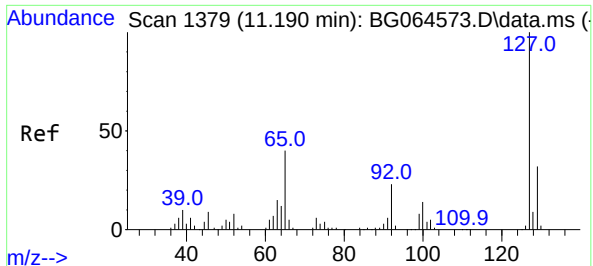
Tgt Ion:128 Resp: 394232
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 34.567 ng
RT: 10.317 min Scan# 1230
Delta R.T. -0.025 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:122 Resp: 61367
Ion Ratio Lower Upper
122 100
105 118.5 104.2 144.2
77 100.0 70.2 110.2



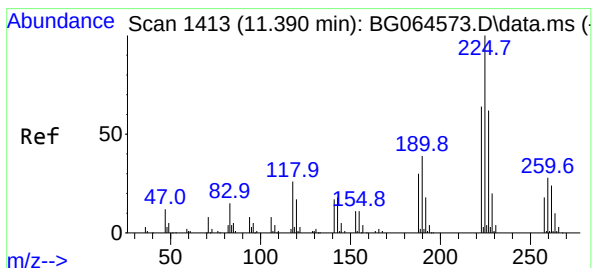
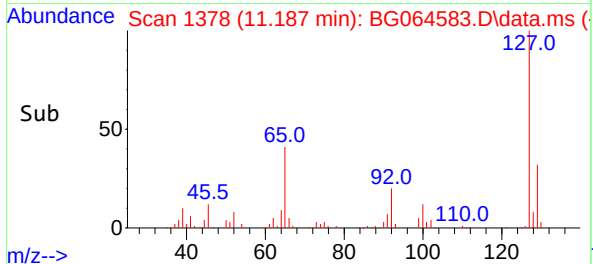
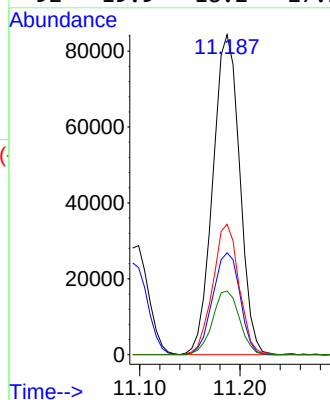
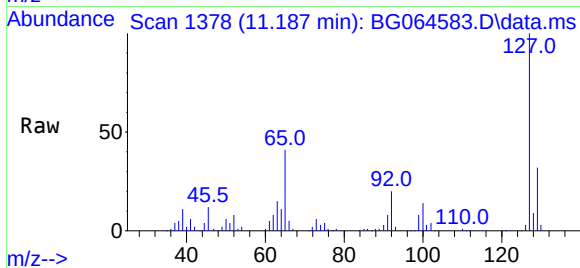


#33
4-Chloroaniline
Concen: 41.846 ng
RT: 11.187 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 156793

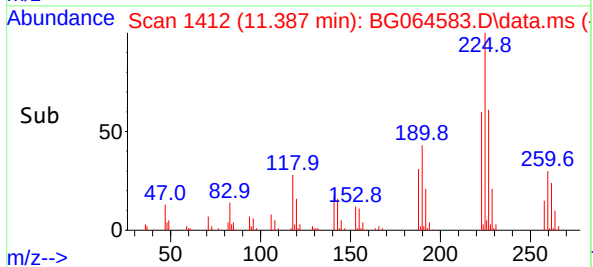
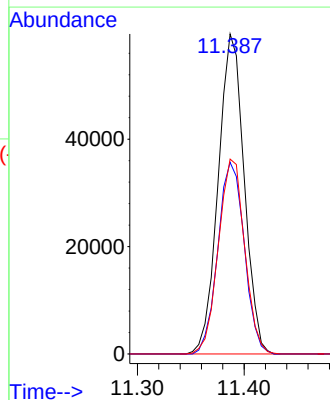
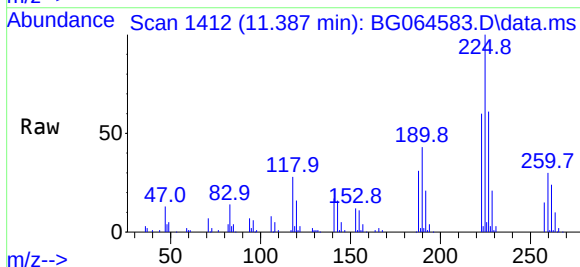
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	40.8	32.2	48.4
92	19.9	18.2	27.2

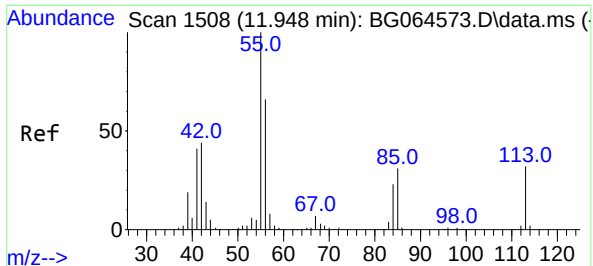


#34
Hexachlorobutadiene
Concen: 40.684 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:225 Resp: 100526

Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.8	73.2
227	60.6	49.5	74.3

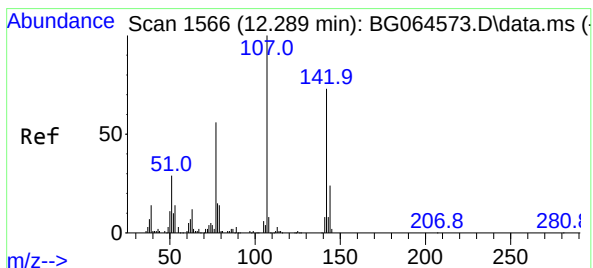
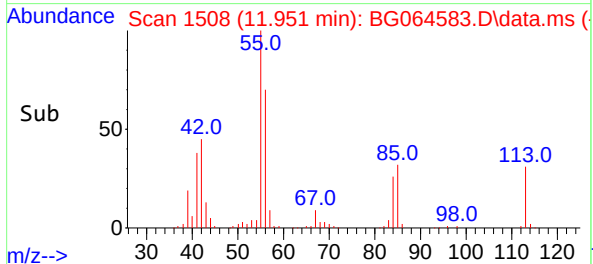
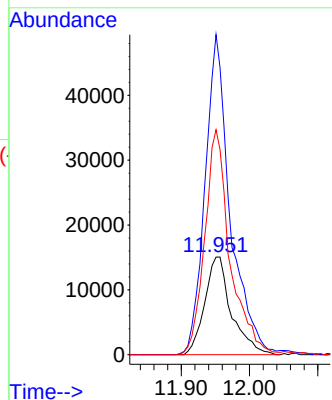
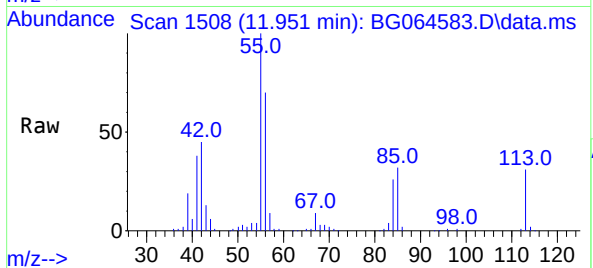




#35
Caprolactam
Concen: 38.487 ng
RT: 11.951 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

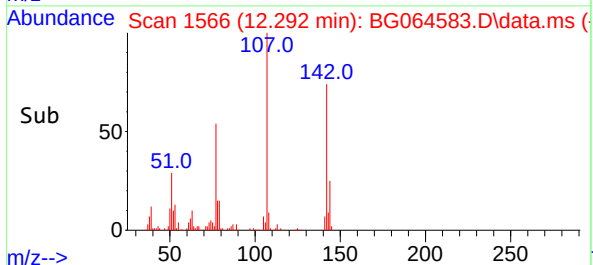
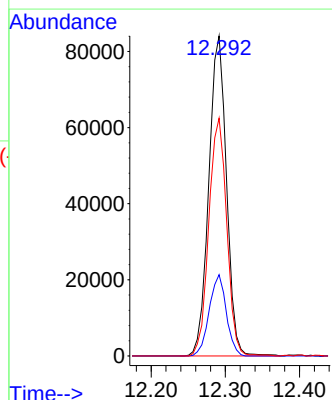
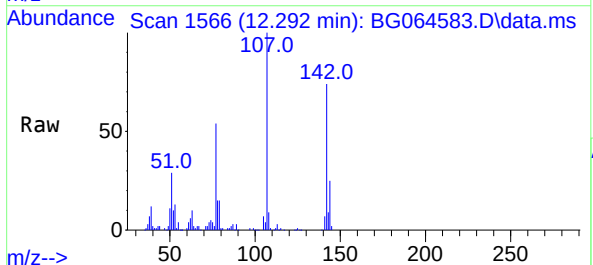
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

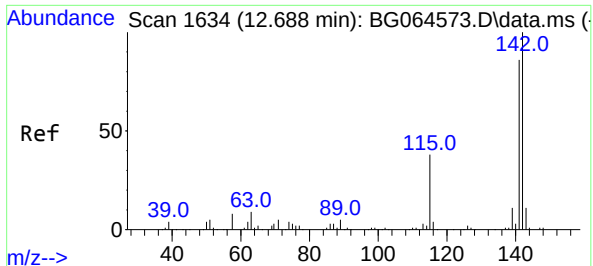
Tgt Ion:113 Resp: 41048
Ion Ratio Lower Upper
113 100
55 327.6 290.1 330.1
56 230.3 183.8 223.8#



#36
4-Chloro-3-methylphenol
Concen: 41.668 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:107 Resp: 139274
Ion Ratio Lower Upper
107 100
144 25.4 19.1 28.7
142 74.3 58.6 87.8

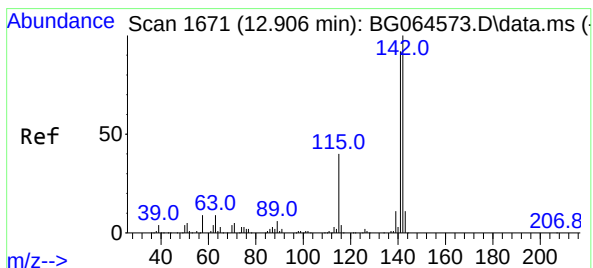
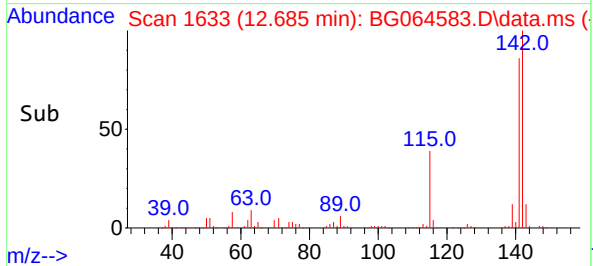
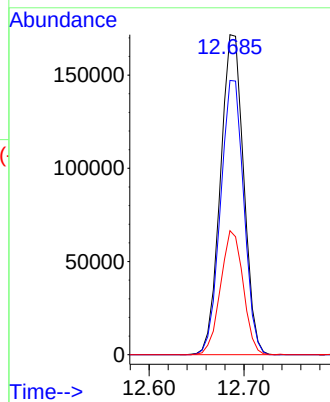
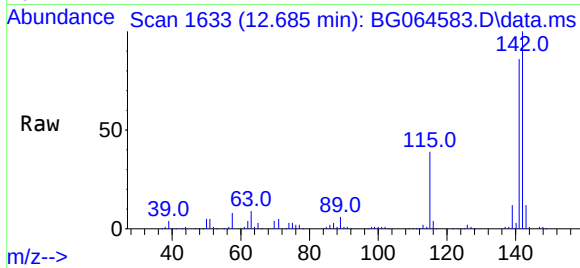




#37
2-Methylnaphthalene
Concen: 41.357 ng
RT: 12.685 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

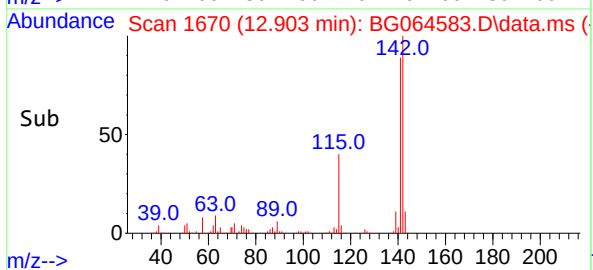
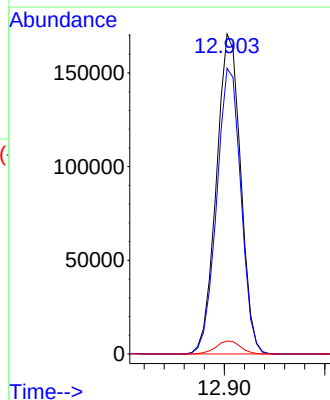
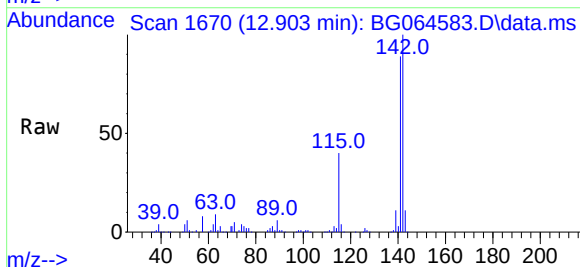
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 292711
Ion Ratio Lower Upper
142 100
141 85.7 68.9 103.3
115 38.7 30.6 46.0

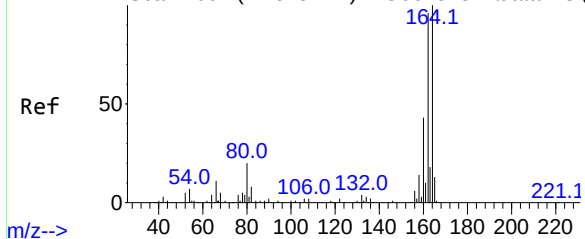


#38
1-Methylnaphthalene
Concen: 41.099 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:142 Resp: 286227
Ion Ratio Lower Upper
142 100
141 89.2 73.3 109.9
116 4.0 3.1 4.7



Abundance Scan 2001 (14.845 min): BG064573.D\data.ms (

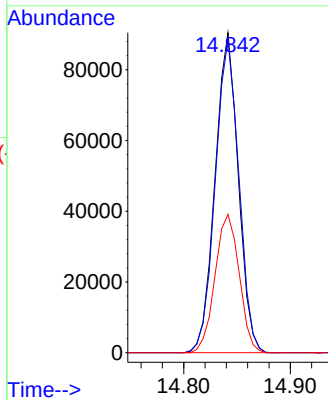
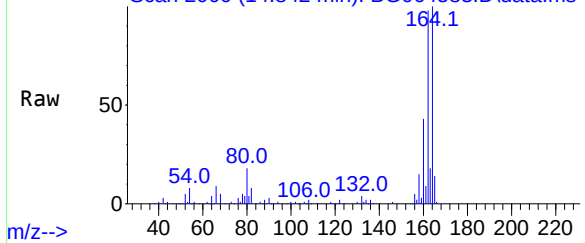


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

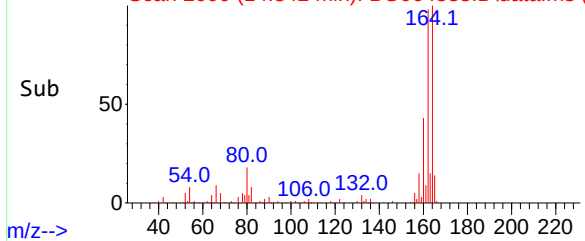
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 136456
Ion Ratio Lower Upper
164 100
162 97.9 77.0 115.6
160 43.2 34.4 51.6

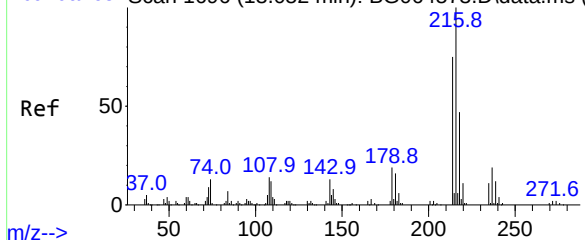
m/z--> Abundance Scan 2000 (14.842 min): BG064583.D\data.ms (



Abundance Scan 2000 (14.842 min): BG064583.D\data.ms (



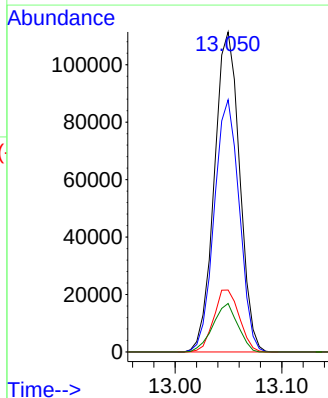
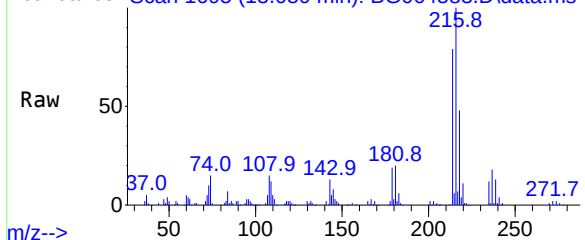
Abundance Scan 1696 (13.052 min): BG064573.D\data.ms (



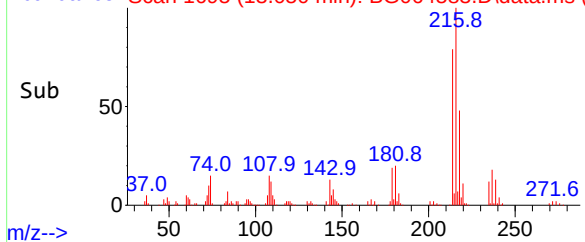
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.969 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:216 Resp: 183039
Ion Ratio Lower Upper
216 100
214 78.2 61.4 92.2
179 19.6 15.4 23.0
108 15.0 11.8 17.6

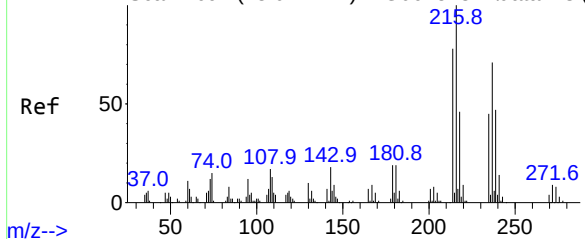
m/z--> Abundance Scan 1695 (13.050 min): BG064583.D\data.ms (



Abundance Scan 1695 (13.050 min): BG064583.D\data.ms (



Abundance Scan 1694 (13.041 min): BG064573.D\data.ms (

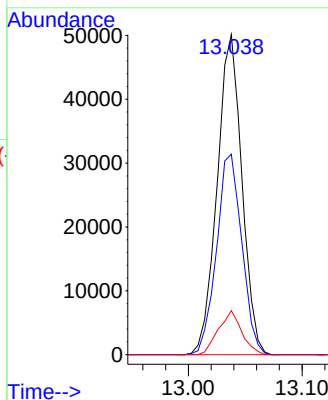
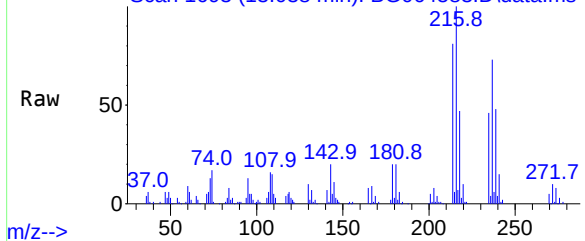


#41
Hexachlorocyclopentadiene
Concen: 36.818 ng
RT: 13.038 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

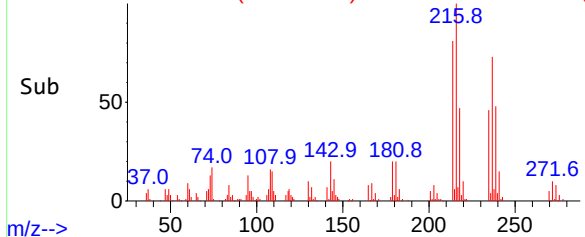
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.1	84.1
272	13.7	0.0	32.4

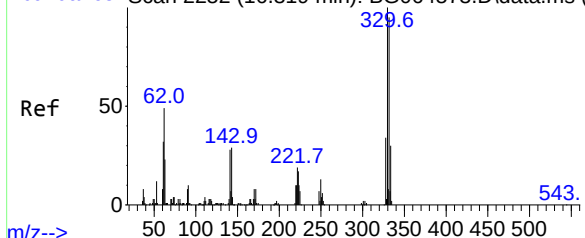
Abundance Scan 1693 (13.038 min): BG064583.D\data.ms



Abundance Scan 1693 (13.038 min): BG064583.D\data.ms (



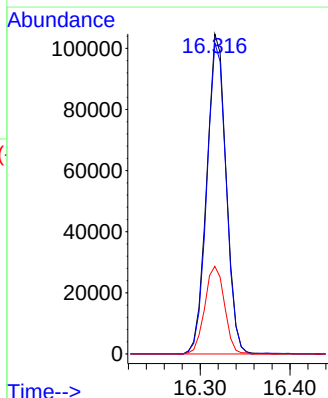
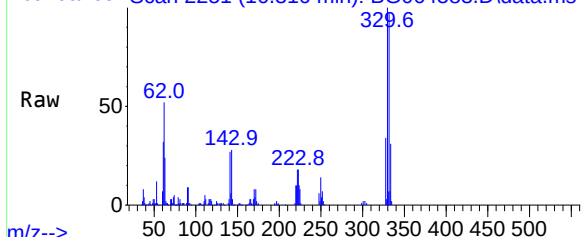
Abundance Scan 2252 (16.319 min): BG064573.D\data.ms (



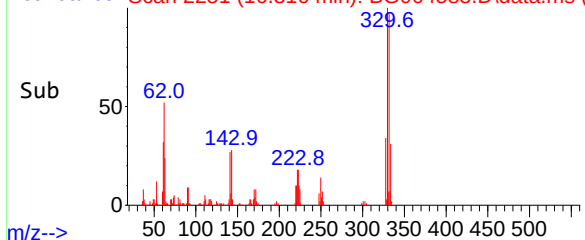
#42
2,4,6-Tribromophenol
Concen: 79.732 ng
RT: 16.316 min Scan# 2251
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	27.7	21.8	32.6

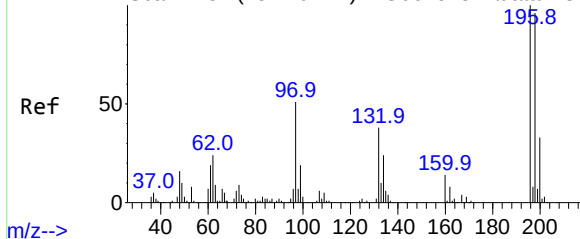
Abundance Scan 2251 (16.316 min): BG064583.D\data.ms



Abundance Scan 2251 (16.316 min): BG064583.D\data.ms (



Abundance Scan 1734 (13.276 min): BG064573.D\data.ms (

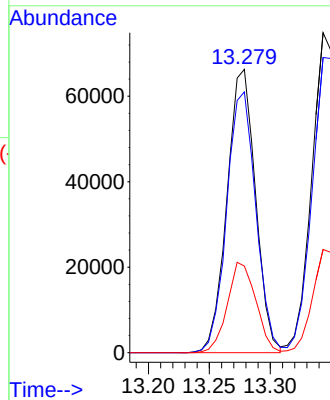
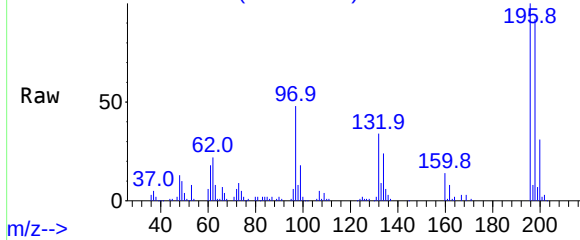


#43
2,4,6-Trichlorophenol
Concen: 41.278 ng
RT: 13.279 min Scan# 1745
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

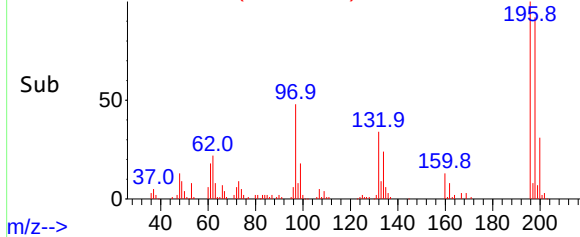
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 108131
Ion Ratio Lower Upper
196 100
198 92.0 76.6 115.0
200 30.6 26.0 39.0

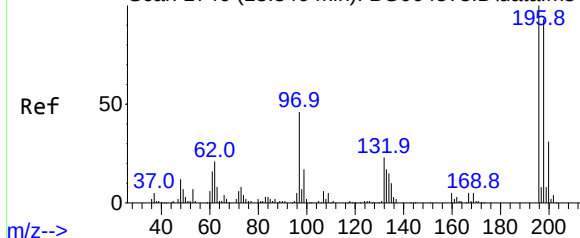
Abundance Scan 1734 (13.279 min): BG064583.D\data.ms



Abundance Scan 1734 (13.279 min): BG064583.D\data.ms (



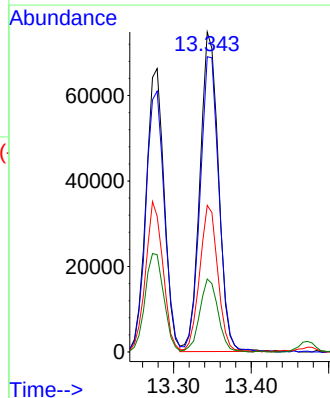
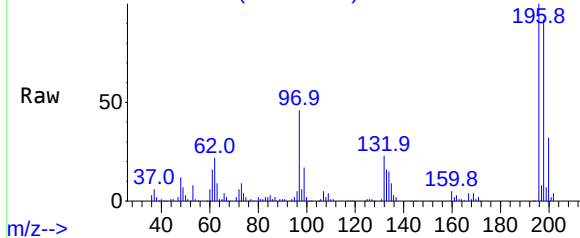
Abundance Scan 1746 (13.346 min): BG064573.D\data.ms (



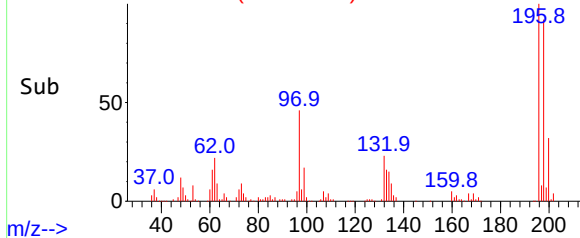
#44
2,4,5-Trichlorophenol
Concen: 41.000 ng
RT: 13.343 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

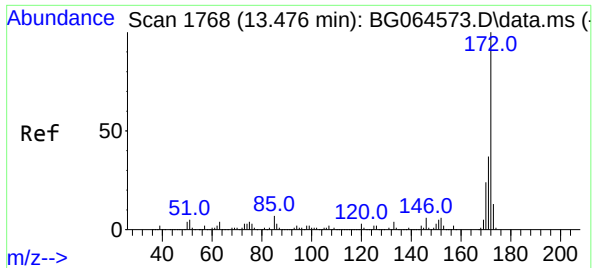
Tgt Ion:196 Resp: 123941
Ion Ratio Lower Upper
196 100
198 92.2 74.2 111.4
97 45.8 37.0 55.6
132 22.8 18.5 27.7

Abundance Scan 1745 (13.343 min): BG064583.D\data.ms



Abundance Scan 1745 (13.343 min): BG064583.D\data.ms (

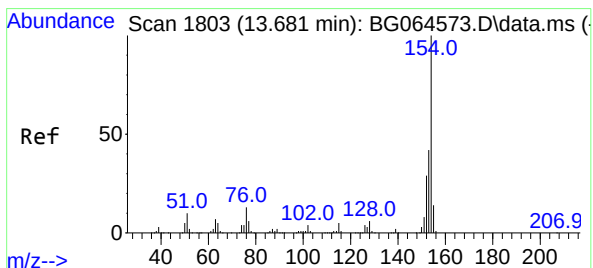
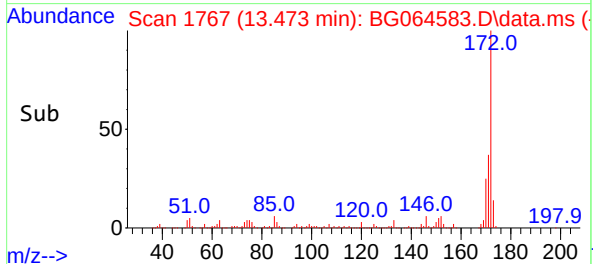
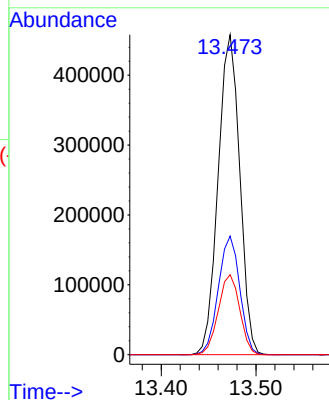
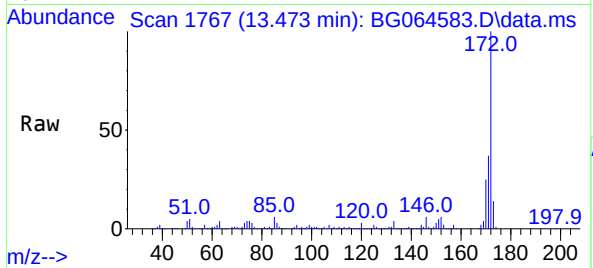




#45
2-Fluorobiphenyl
Concen: 80.739 ng
RT: 13.473 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

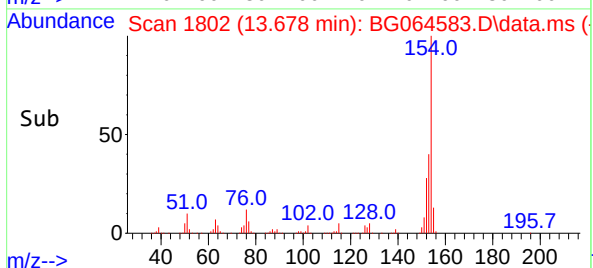
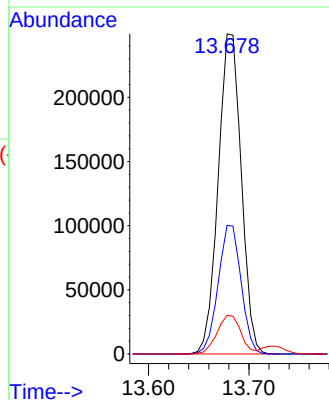
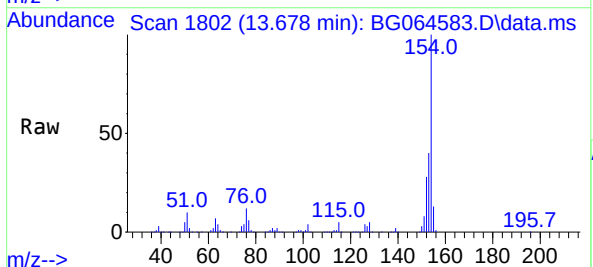
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 726855
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 25.0 19.1 28.7

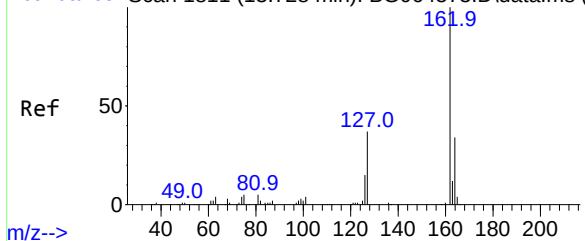


#46
1,1'-Biphenyl
Concen: 41.012 ng
RT: 13.678 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:154 Resp: 397857
Ion Ratio Lower Upper
154 100
153 40.2 22.4 62.4
76 12.0 0.0 33.5



Abundance Scan 1811 (13.728 min): BG064573.D\data.ms (

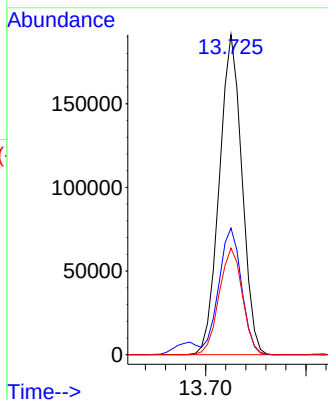
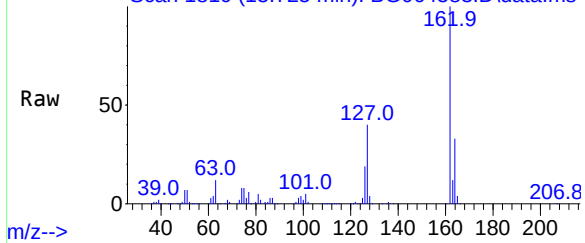


#47
2-Chloronaphthalene
Concen: 40.928 ng
RT: 13.725 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

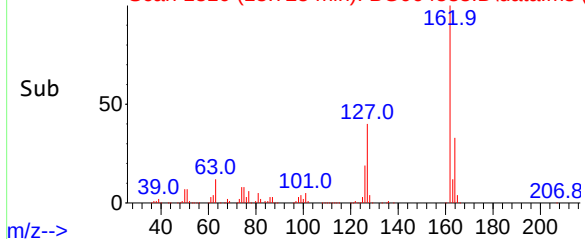
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	162	Resp:	299701
Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.2
164	33.3	27.5	41.3

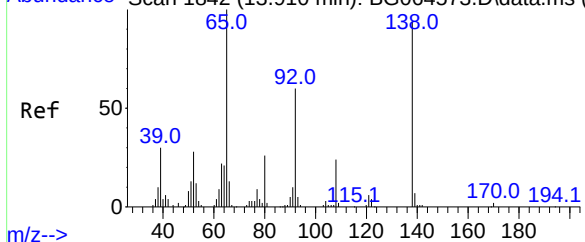
Abundance Scan 1810 (13.725 min): BG064583.D\data.ms (



Abundance Scan 1810 (13.725 min): BG064583.D\data.ms (



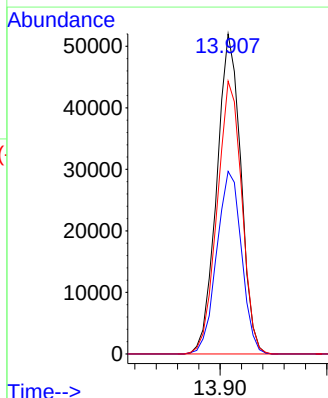
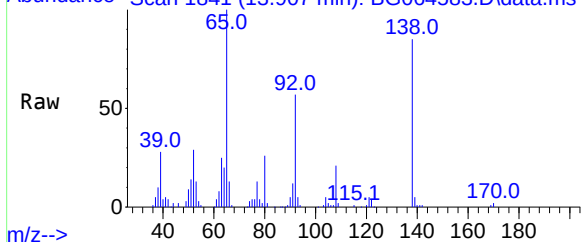
Abundance Scan 1842 (13.910 min): BG064573.D\data.ms (



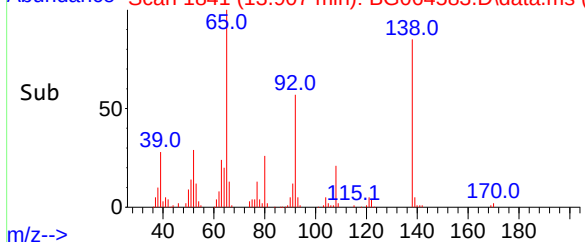
#48
2-Nitroaniline
Concen: 34.152 ng
RT: 13.907 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:	65	Resp:	81503
Ion	Ratio	Lower	Upper
65	100		
92	57.1	48.3	72.5
138	85.2	74.9	112.3

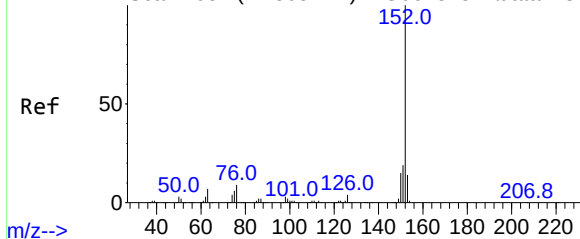
Abundance Scan 1841 (13.907 min): BG064583.D\data.ms (



Abundance Scan 1841 (13.907 min): BG064583.D\data.ms (



Abundance Scan 1954 (14.568 min): BG064573.D\data.ms (



#49

Acenaphthylene

Concen: 40.780 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.001 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 471014

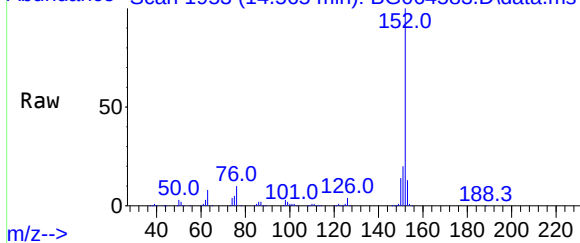
Ion Ratio Lower Upper

152 100

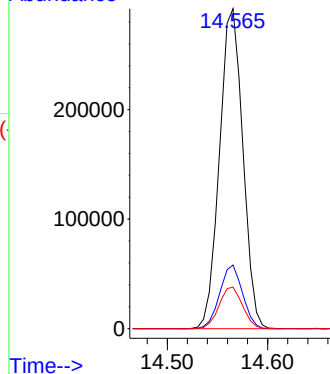
151 19.9 15.4 23.2

153 13.0 11.0 16.4

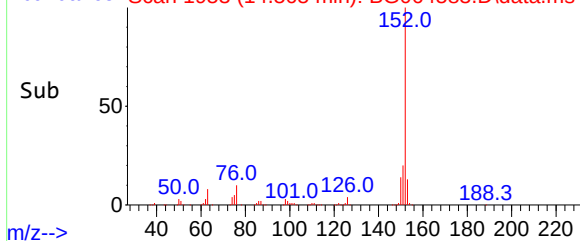
Abundance Scan 1953 (14.565 min): BG064583.D\data.ms



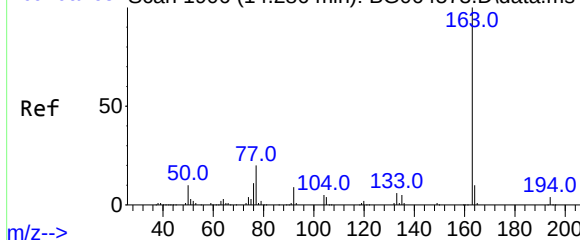
Abundance



Abundance Scan 1953 (14.565 min): BG064583.D\data.ms (



Abundance Scan 1906 (14.286 min): BG064573.D\data.ms (



#50

Dimethylphthalate

Concen: 40.096 ng

RT: 14.283 min Scan# 1905

Delta R.T. -0.007 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:163 Resp: 418670

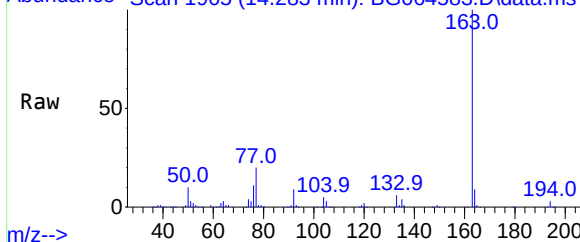
Ion Ratio Lower Upper

163 100

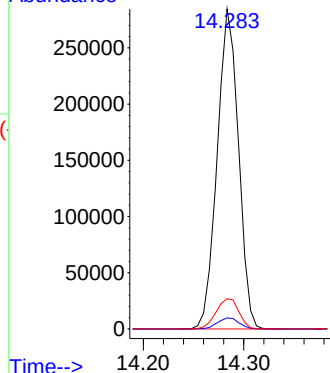
194 3.4 2.8 4.2

164 9.5 7.7 11.5

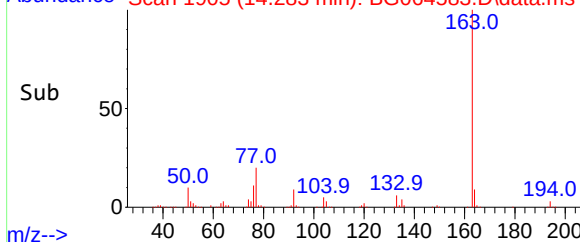
Abundance Scan 1905 (14.283 min): BG064583.D\data.ms

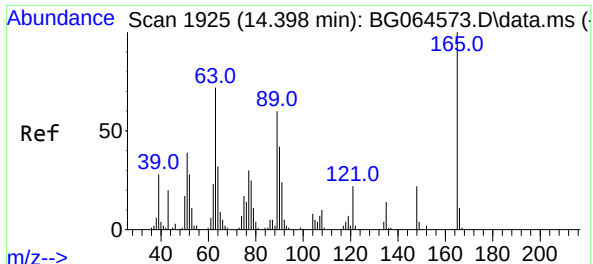


Abundance



Abundance Scan 1905 (14.283 min): BG064583.D\data.ms (

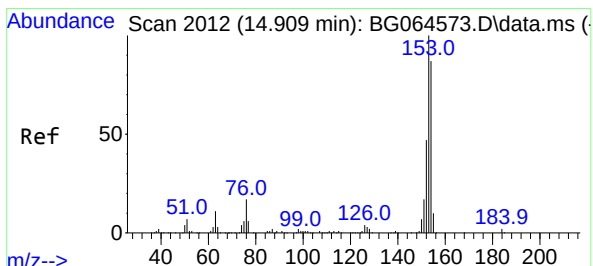
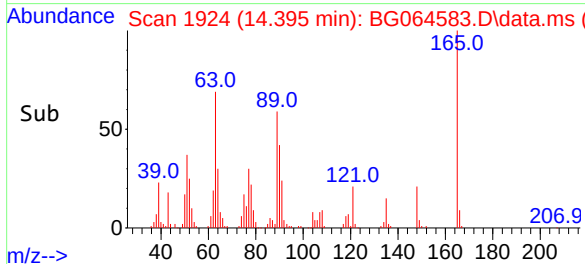
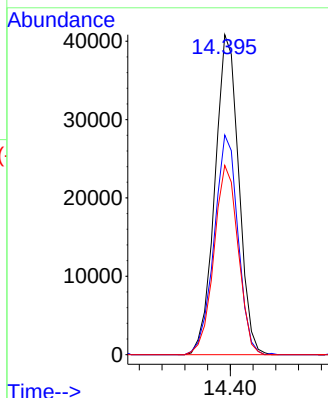
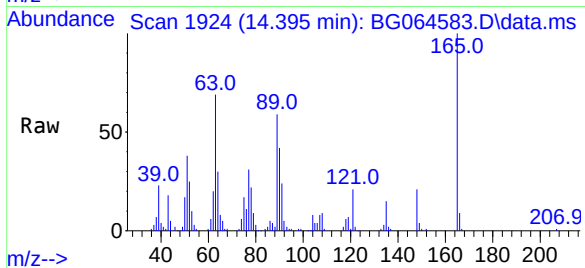




#51
2,6-Dinitrotoluene
Concen: 35.352 ng
RT: 14.395 min Scan# 1924
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

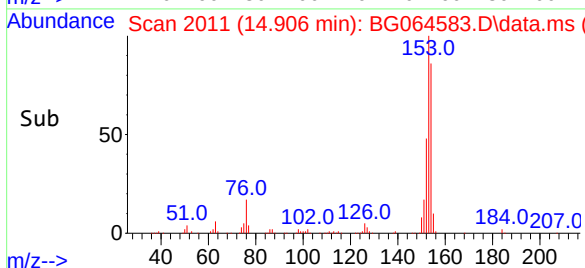
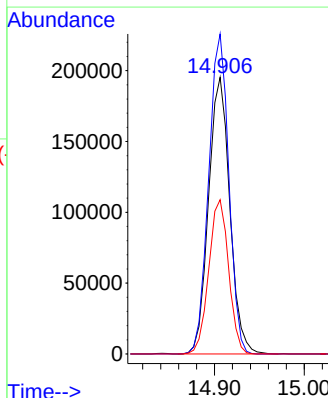
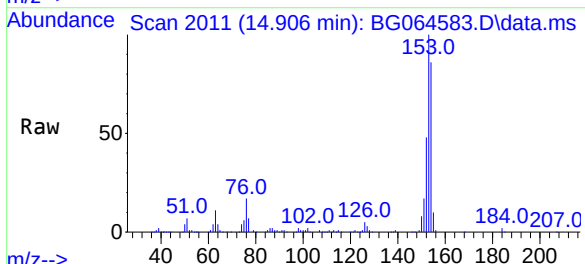
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

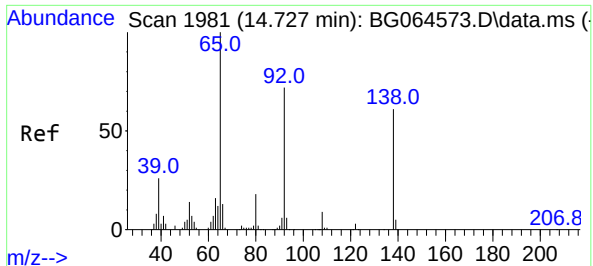
Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.7	57.4	86.0
89	59.2	47.8	71.8



#52
Acenaphthene
Concen: 40.659 ng
RT: 14.906 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.2	138.4
152	55.8	43.2	64.8

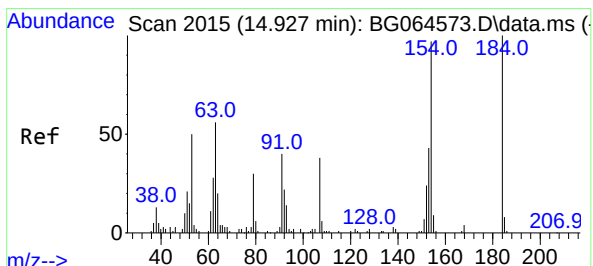
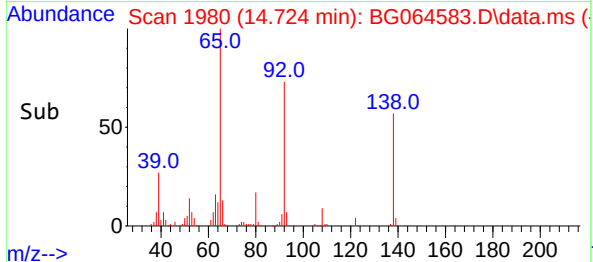
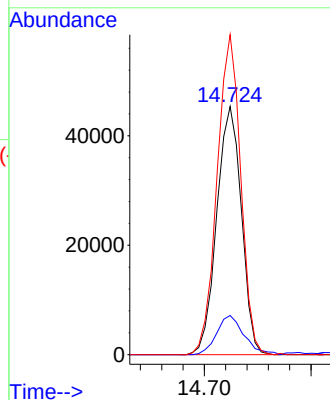
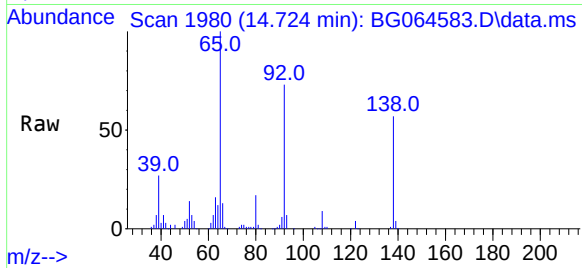




#53
3-Nitroaniline
Concen: 40.529 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

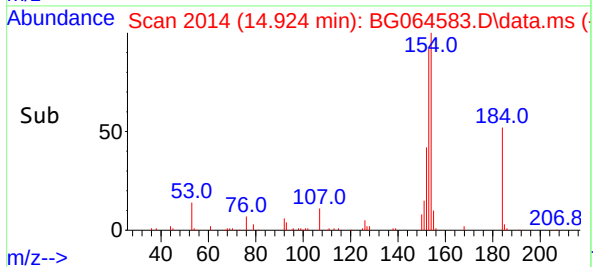
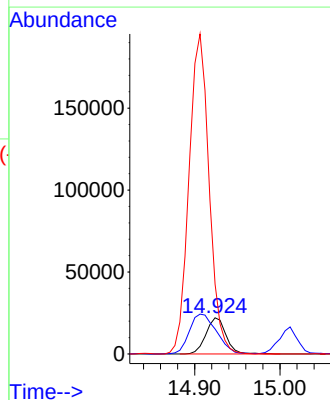
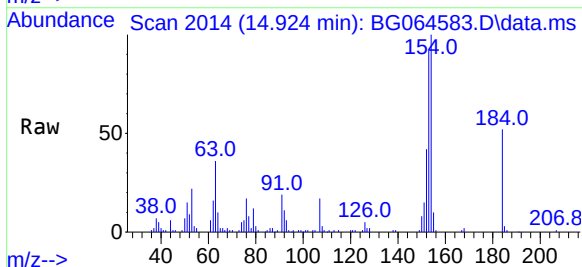
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

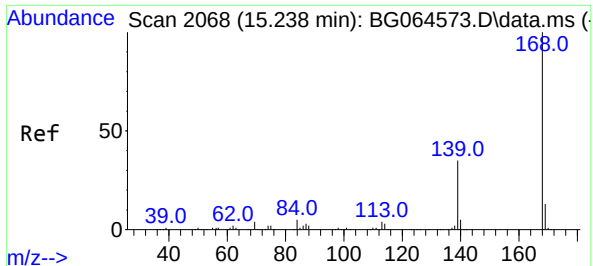
Tgt Ion:138 Resp: 72727
Ion Ratio Lower Upper
138 100
108 15.8 11.4 17.0
92 128.9 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 37.232 ng
RT: 14.924 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:184 Resp: 35977
Ion Ratio Lower Upper
184 100
63 69.2 56.6 85.0
154 192.5 158.6 238.0

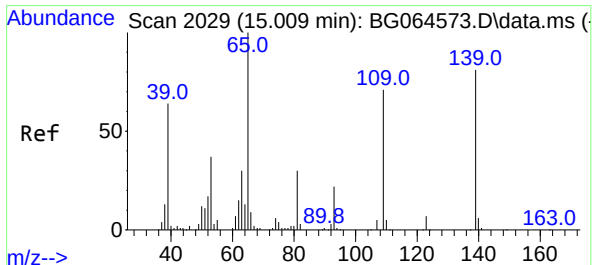
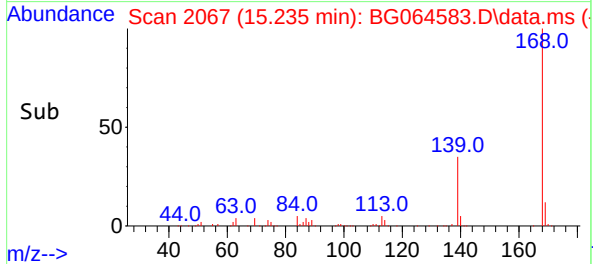
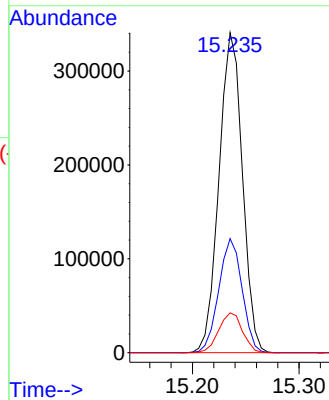
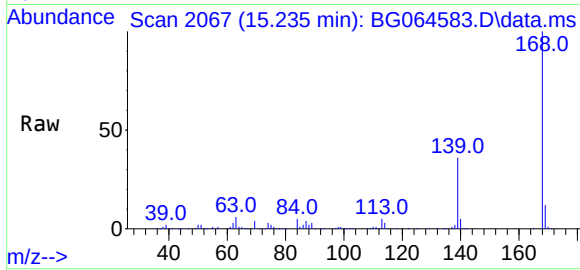




#55
Dibenzofuran
Concen: 40.693 ng
RT: 15.235 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

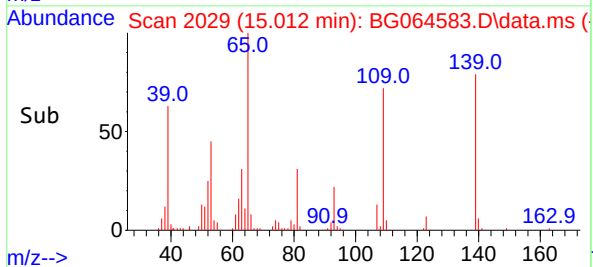
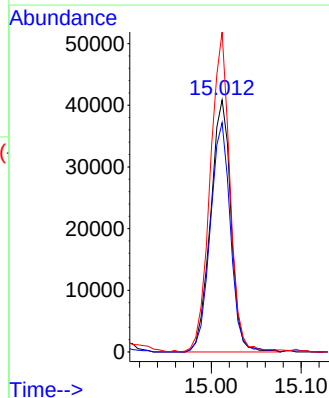
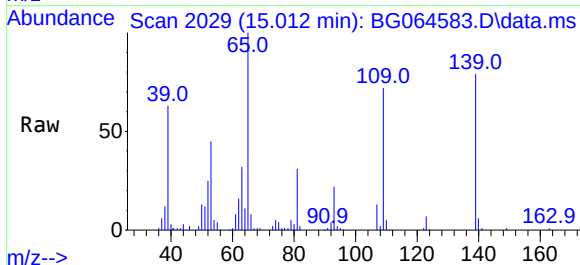
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 519158
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.8
169 12.5 10.3 15.5

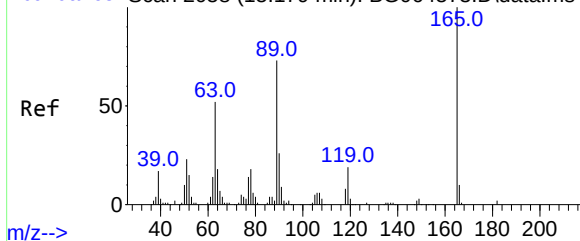


#56
4-Nitrophenol
Concen: 38.706 ng
RT: 15.012 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:139 Resp: 64395
Ion Ratio Lower Upper
139 100
109 91.0 67.8 107.8
65 127.0 103.7 143.7

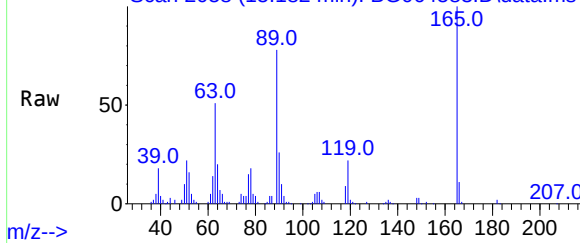


Abundance Scan 2058 (15.179 min): BG064573.D\data.ms (



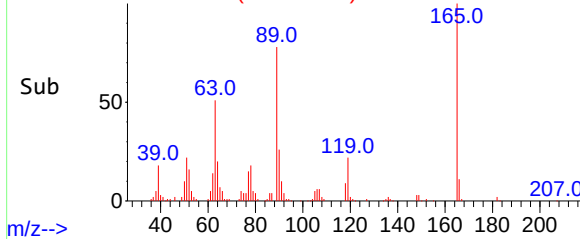
m/z-->

Abundance Scan 2058 (15.182 min): BG064583.D\data.ms



m/z-->

Abundance Scan 2058 (15.182 min): BG064583.D\data.ms (



m/z-->

#57

2,4-Dinitrotoluene

Concen: 34.936 ng

RT: 15.182 min Scan# 2058

Delta R.T. -0.007 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 90701

Ion Ratio Lower Upper

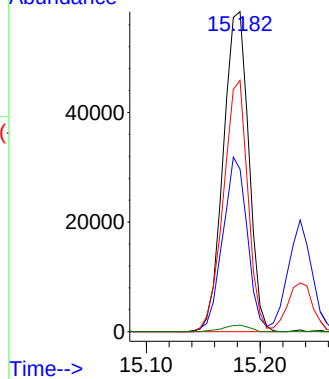
165 100

63 50.8 41.8 62.8

89 78.5 58.1 87.1

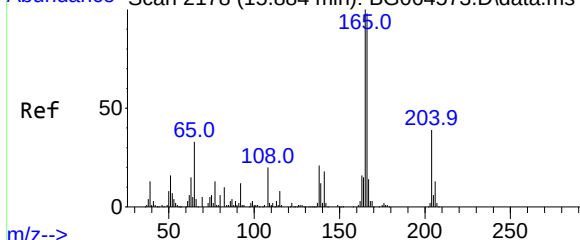
182 2.1 1.4 2.0#

Abundance



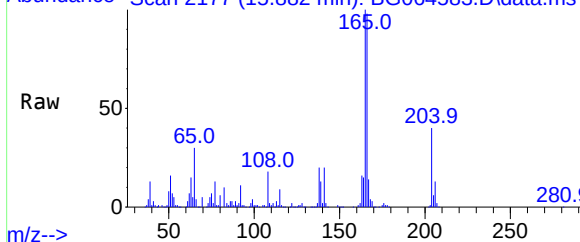
Time-->

Abundance Scan 2178 (15.884 min): BG064573.D\data.ms (



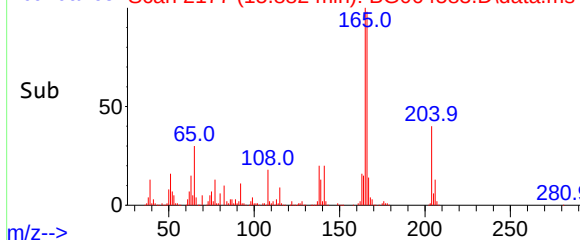
m/z-->

Abundance Scan 2177 (15.882 min): BG064583.D\data.ms



m/z-->

Abundance Scan 2177 (15.882 min): BG064583.D\data.ms (



m/z-->

#58

Fluorene

Concen: 39.986 ng

RT: 15.882 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:166 Resp: 398395

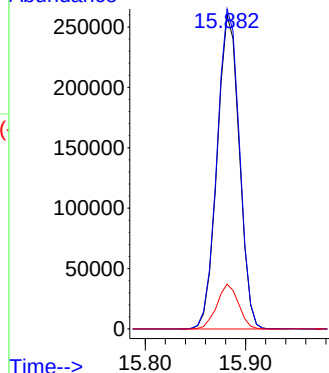
Ion Ratio Lower Upper

166 100

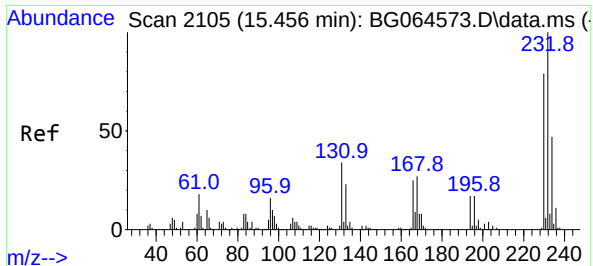
165 101.9 81.5 122.3

167 14.3 11.4 17.0

Abundance



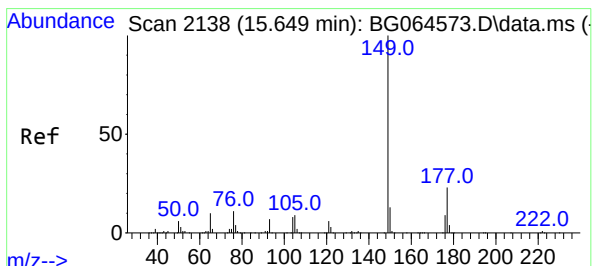
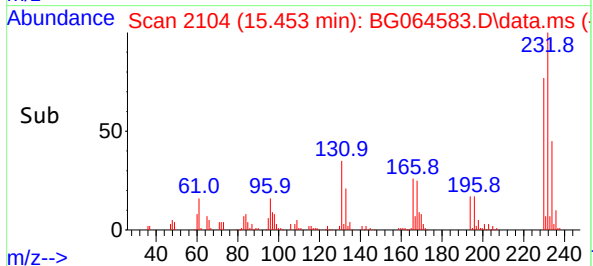
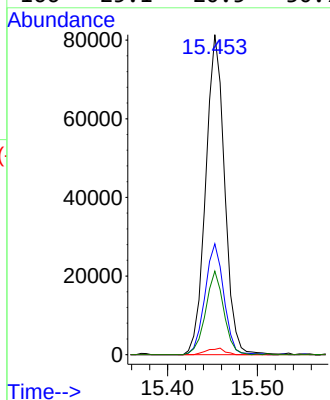
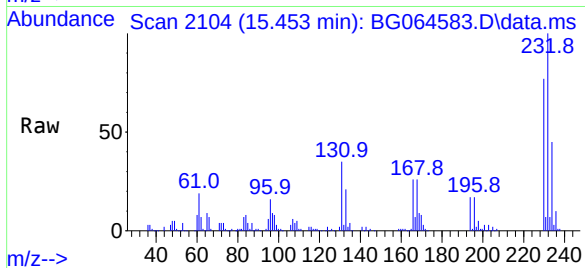
Time-->



#59
2,3,4,6-Tetrachlorophenol
Concen: 41.112 ng
RT: 15.453 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

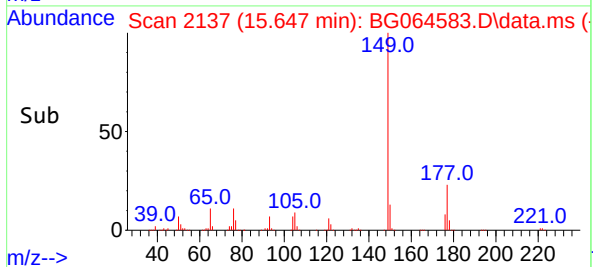
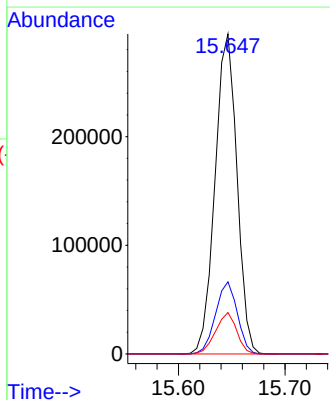
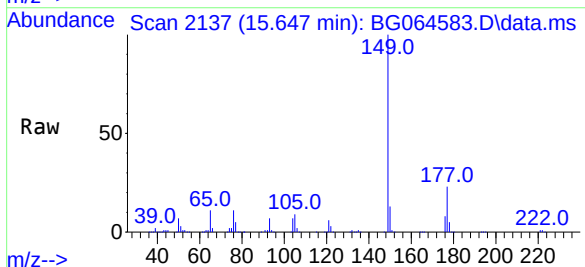
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

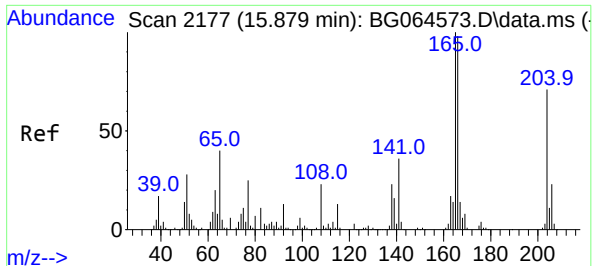
Tgt Ion:232 Resp: 118842
Ion Ratio Lower Upper
232 100
131 34.7 26.7 40.1
130 2.0 1.6 2.4
166 25.1 20.5 30.7



#60
Diethylphthalate
Concen: 39.366 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:149 Resp: 419702
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.9 10.2 15.4

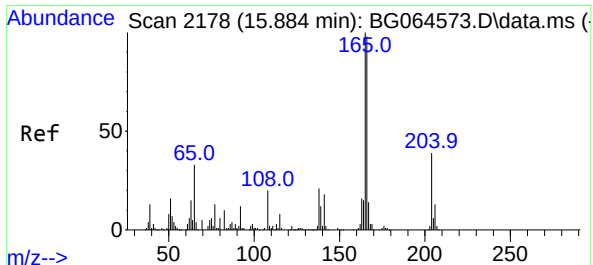
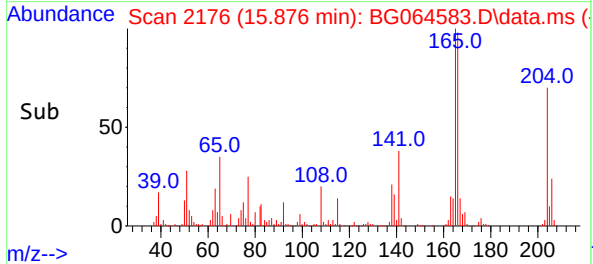
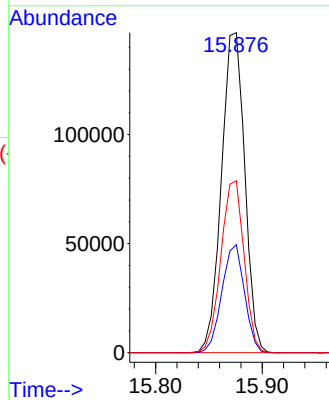
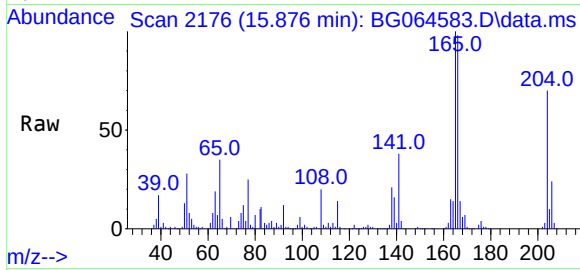




#61
4-Chlorophenyl-phenylether
Concen: 39.849 ng
RT: 15.876 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

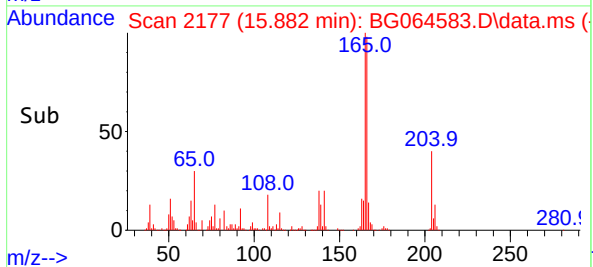
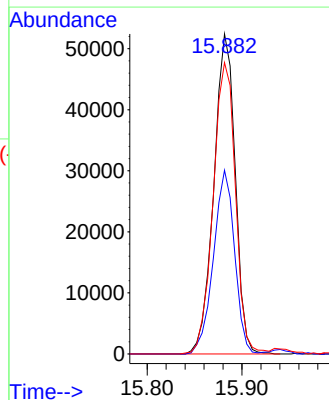
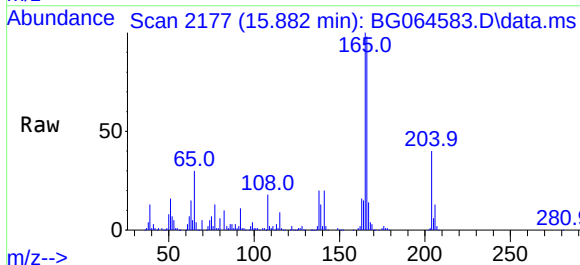
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

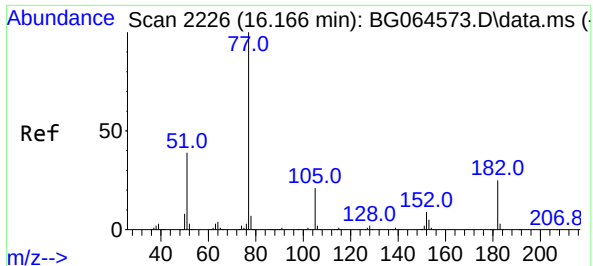
Tgt Ion:204 Resp: 222810
Ion Ratio Lower Upper
204 100
206 33.7 25.6 38.4
141 53.7 40.6 60.8



#62
4-Nitroaniline
Concen: 41.112 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:138 Resp: 82074
Ion Ratio Lower Upper
138 100
92 57.4 36.1 76.1
108 91.1 75.6 115.6



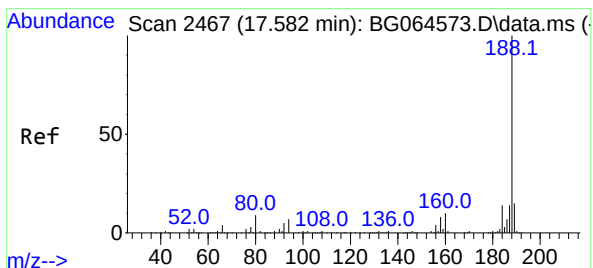
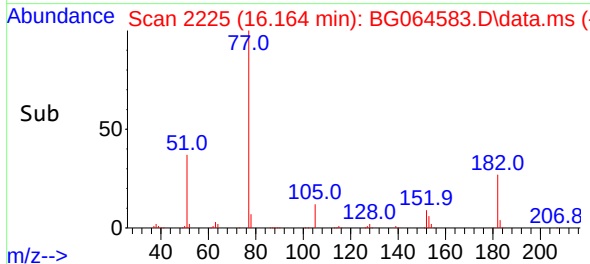
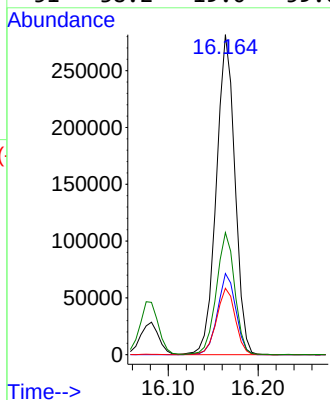
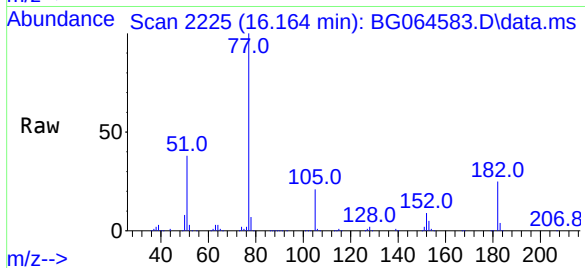


#63
Azobenzene
Concen: 41.315 ng
RT: 16.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 404156

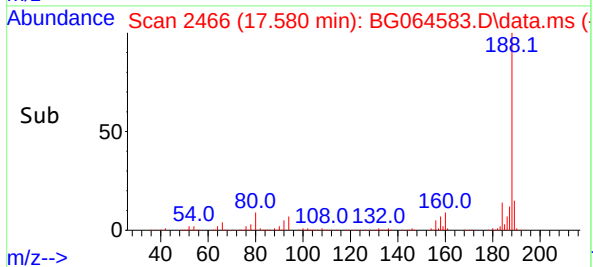
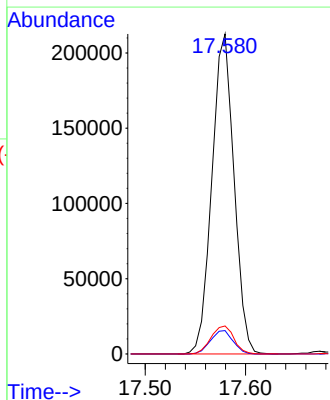
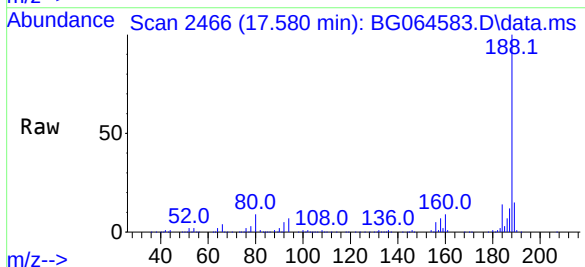
Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.9	44.9
105	20.8	1.3	41.3
51	38.2	19.0	59.0

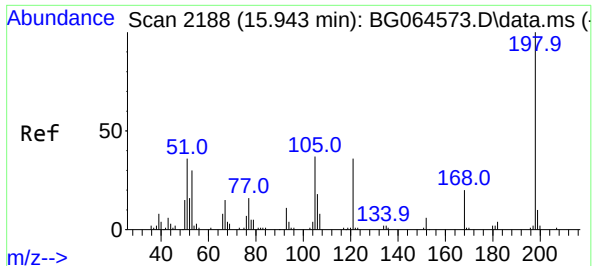


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion: 188 Resp: 324576

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.8	6.8	10.2

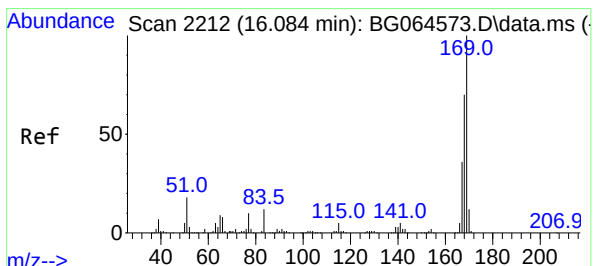
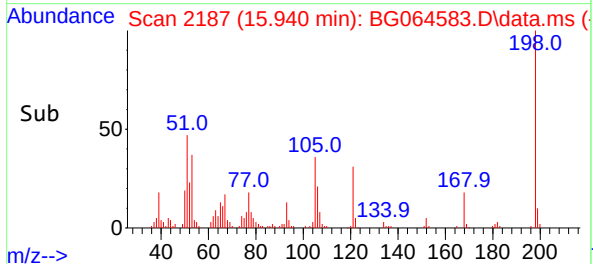
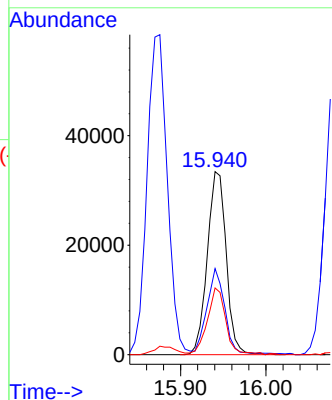
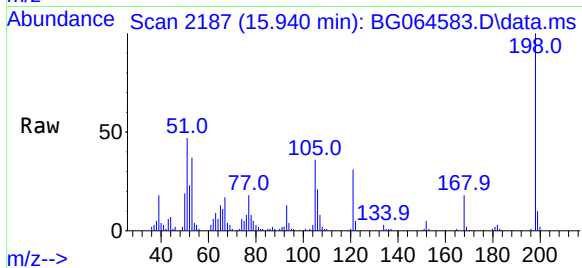




#65
4,6-Dinitro-2-methylphenol
Concen: 37.510 ng
RT: 15.940 min Scan# 2188
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

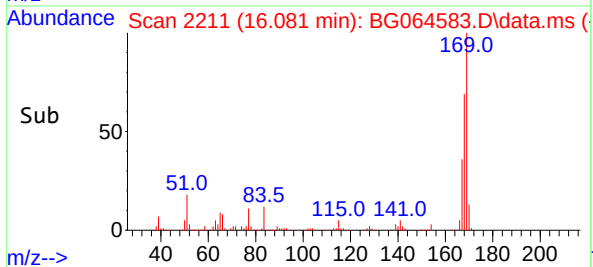
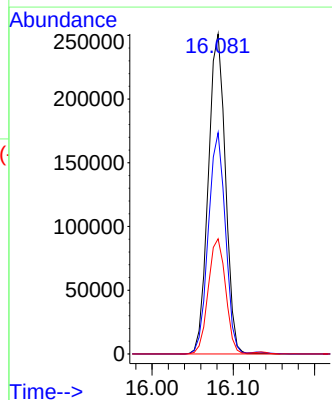
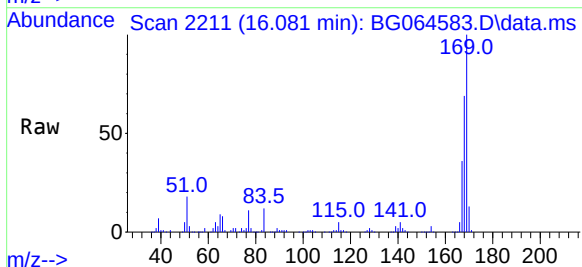
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

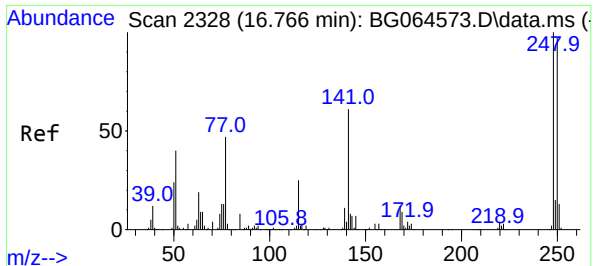
Tgt Ion:198 Resp: 51664
Ion Ratio Lower Upper
198 100
51 47.0 24.7 64.7
105 36.4 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 41.867 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.007 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:169 Resp: 367072
Ion Ratio Lower Upper
169 100
168 69.1 56.3 84.5
167 36.0 29.0 43.6

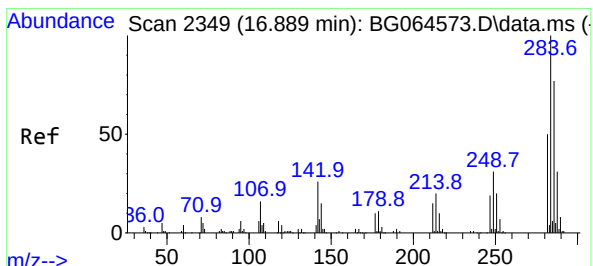
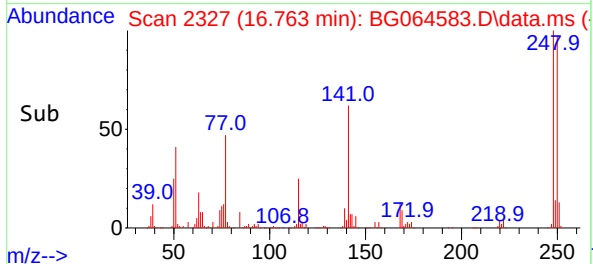
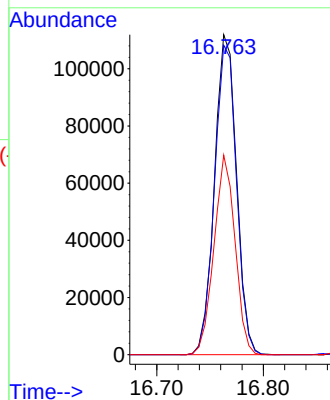
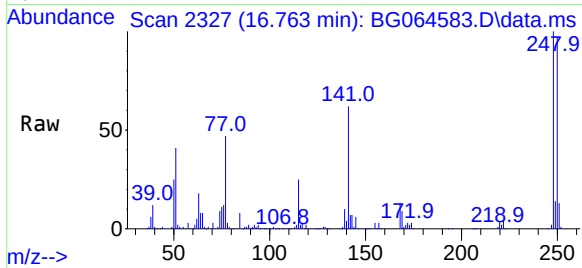




#67
4-Bromophenyl-phenylether
Concen: 41.720 ng
RT: 16.763 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

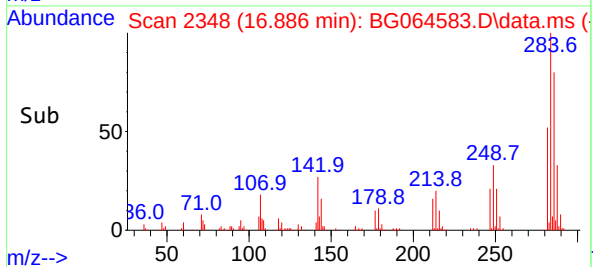
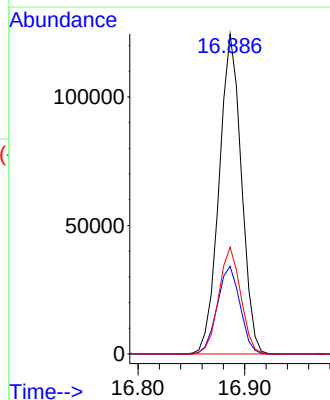
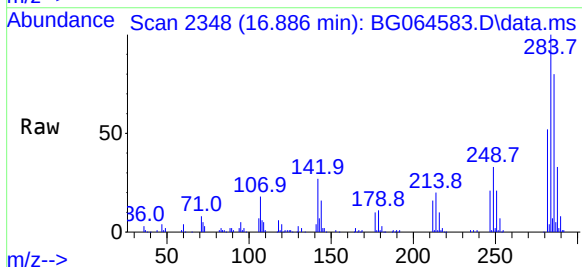
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 160468
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 62.3 48.6 72.8

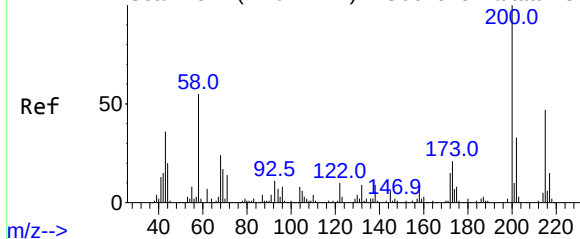


#68
Hexachlorobenzene
Concen: 41.094 ng
RT: 16.886 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:284 Resp: 180323
Ion Ratio Lower Upper
284 100
142 27.4 21.0 31.6
249 33.3 24.9 37.3



Abundance Scan 2372 (17.024 min): BG064573.D\data.ms (



#69

Atrazine

Concen: 37.977 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 143289

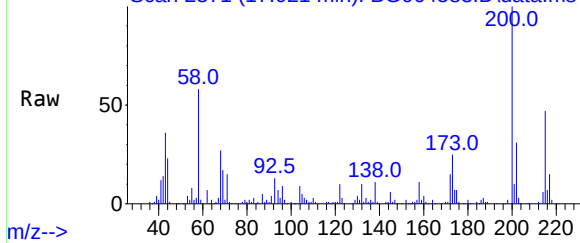
Ion Ratio Lower Upper

200 100

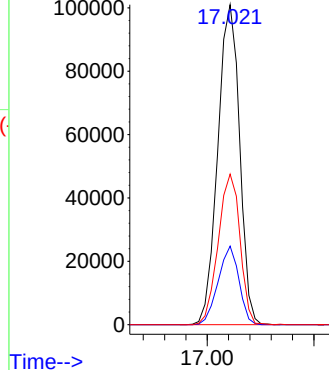
173 24.6 0.9 40.9

215 47.1 27.0 67.0

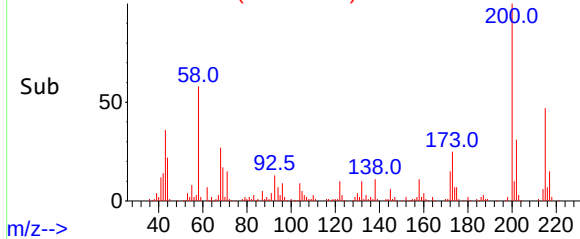
Abundance Scan 2371 (17.021 min): BG064583.D\data.ms



Abundance

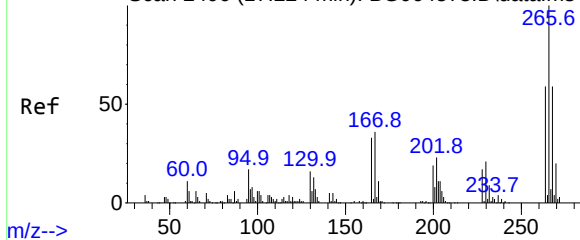


Abundance Scan 2371 (17.021 min): BG064583.D\data.ms (



Time-->

Abundance Scan 2406 (17.224 min): BG064573.D\data.ms (



#70

Pentachlorophenol

Concen: 40.129 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:266 Resp: 109806

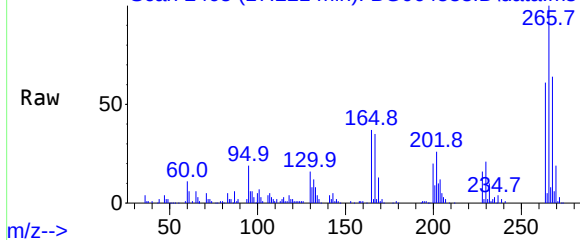
Ion Ratio Lower Upper

266 100

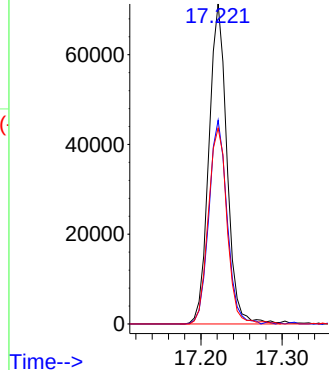
268 69.2 50.3 75.5

264 66.4 47.3 70.9

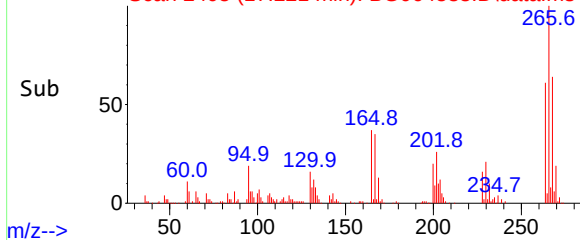
Abundance Scan 2405 (17.221 min): BG064583.D\data.ms



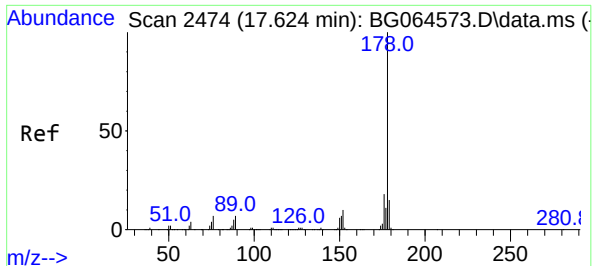
Abundance



Abundance Scan 2405 (17.221 min): BG064583.D\data.ms (



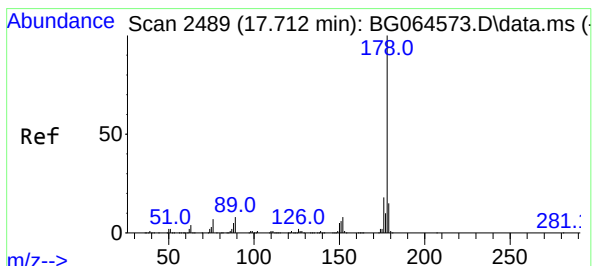
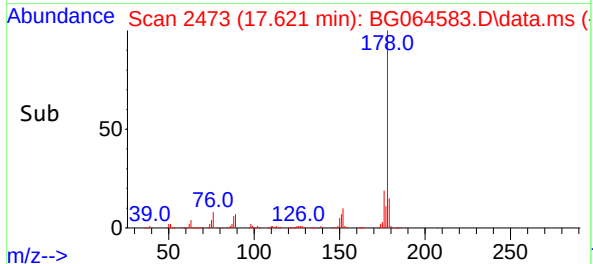
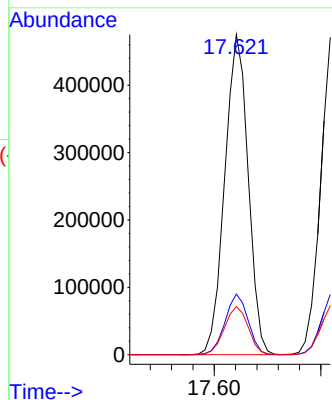
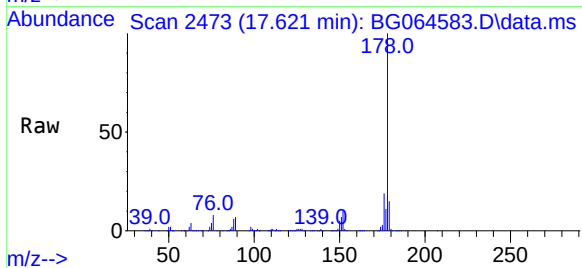
Time-->



#71
Phenanthrene
Concen: 40.740 ng
RT: 17.621 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

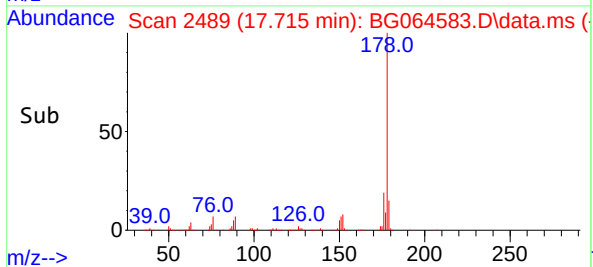
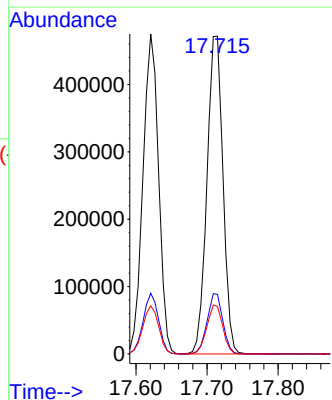
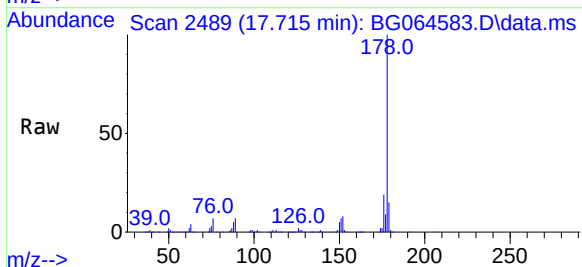
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

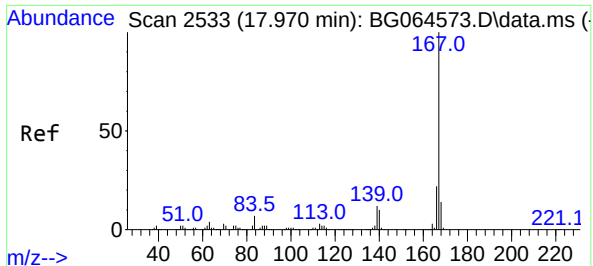
Tgt Ion:178 Resp: 723122
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.0 12.2 18.4



#72
Anthracene
Concen: 41.035 ng
RT: 17.715 min Scan# 2489
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:178 Resp: 740918
Ion Ratio Lower Upper
178 100
176 18.8 14.4 21.6
179 14.9 12.4 18.6

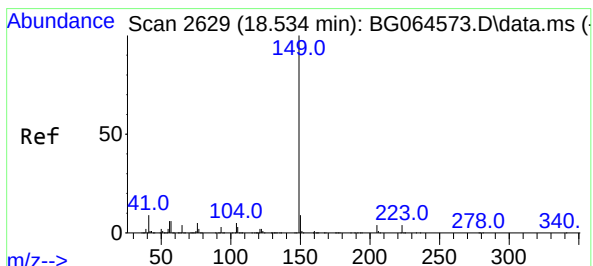
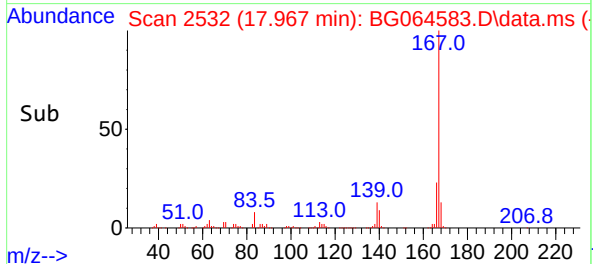
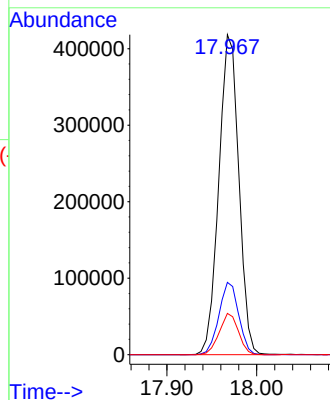
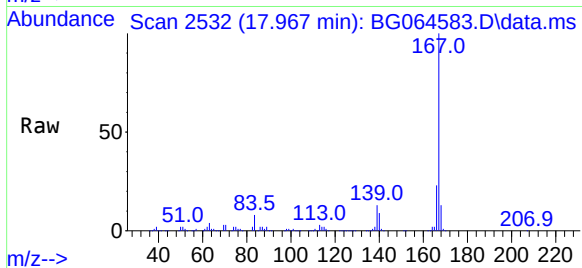




#73
Carbazole
Concen: 40.561 ng
RT: 17.967 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

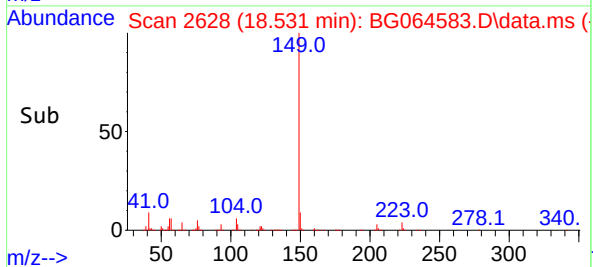
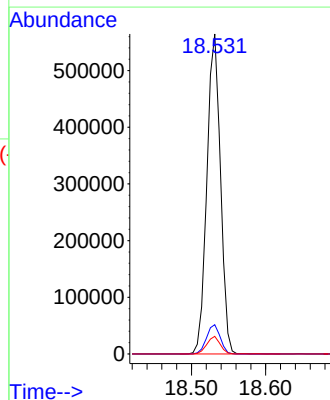
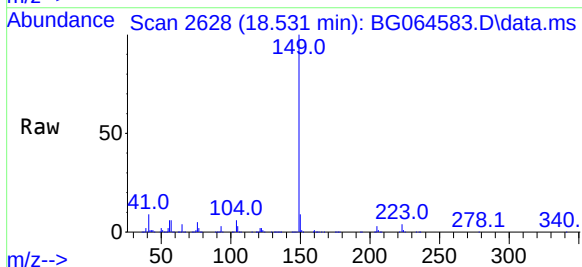
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

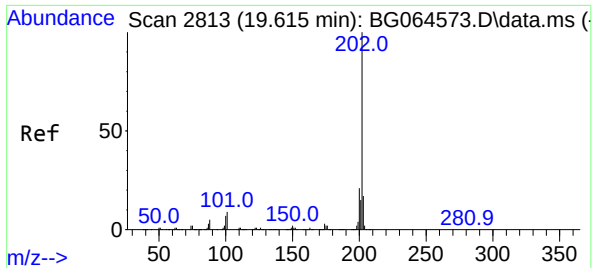
Tgt Ion:167 Resp: 645806
Ion Ratio Lower Upper
167 100
166 22.6 17.9 26.9
139 12.9 9.7 14.5



#74
Di-n-butylphthalate
Concen: 38.911 ng
RT: 18.531 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:149 Resp: 716403
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 5.5 4.1 6.1

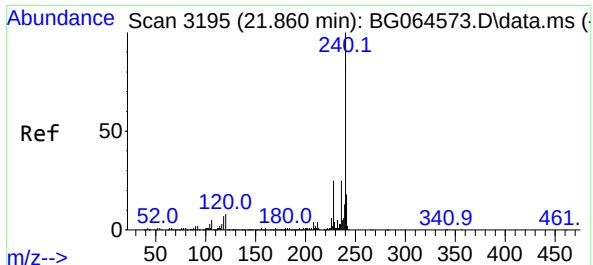
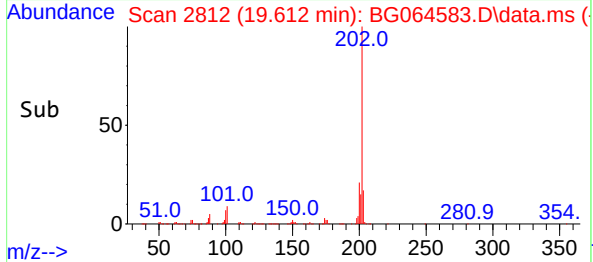
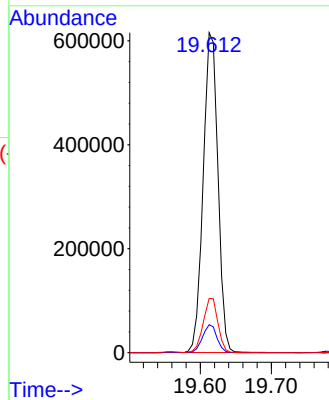
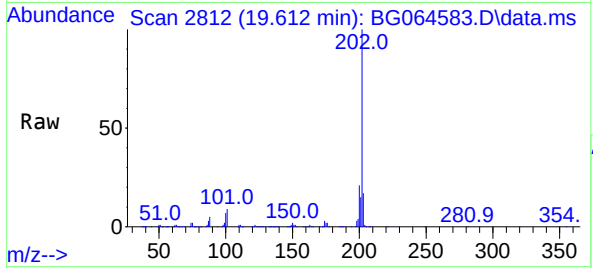




#75
Fluoranthene
Concen: 40.019 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

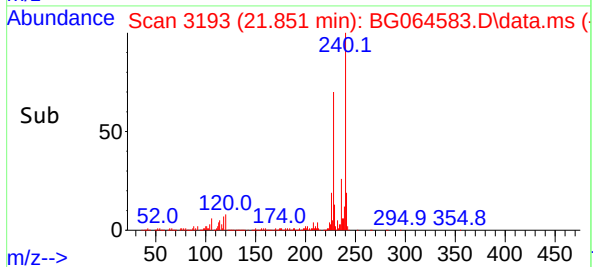
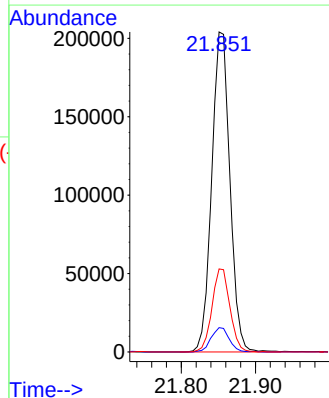
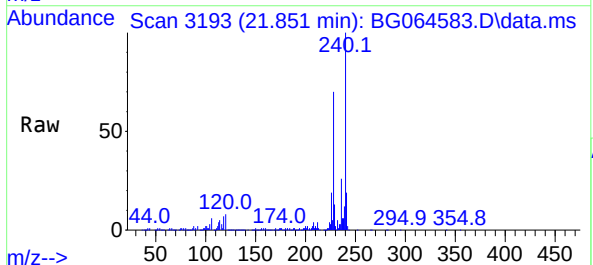
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

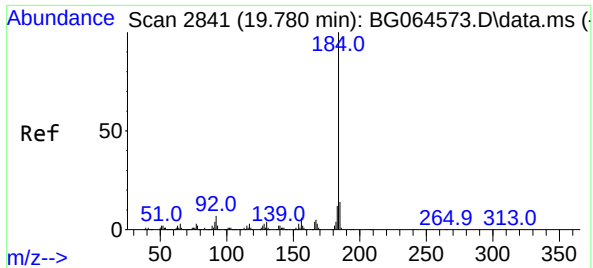
Tgt Ion:202 Resp: 889861
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 16.9 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:240 Resp: 347536
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 26.0 20.2 30.2

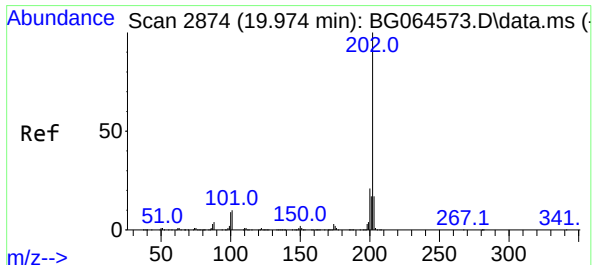
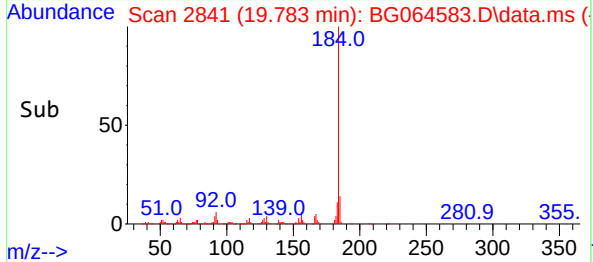
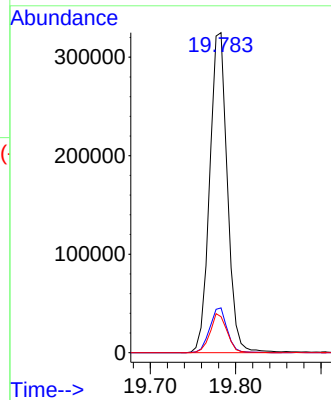
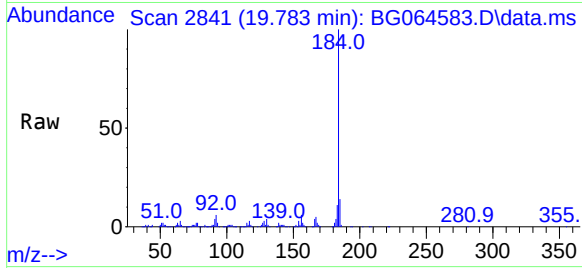




#77
Benzidine
Concen: 59.923 ng
RT: 19.783 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

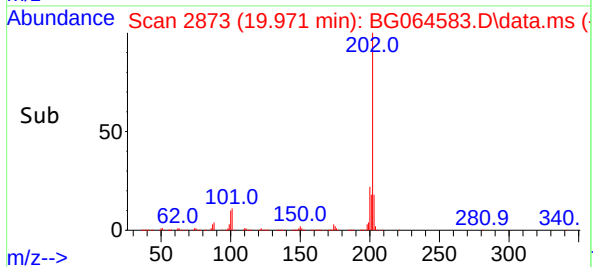
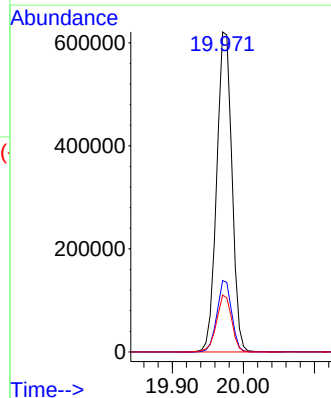
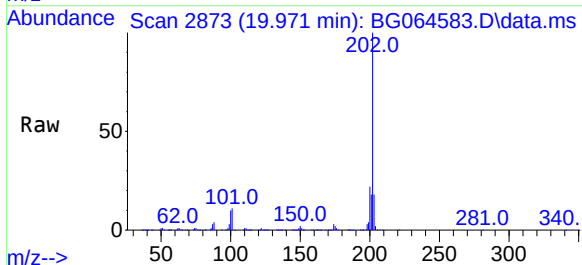
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

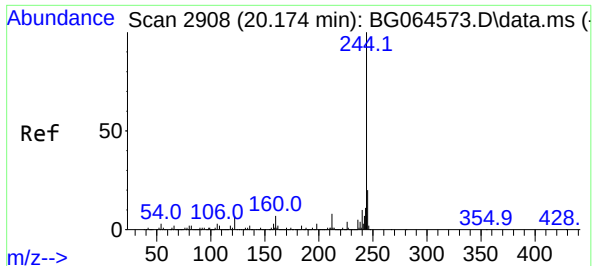
Tgt Ion:184 Resp: 466575
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.3 9.4 14.2



#78
Pyrene
Concen: 40.568 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:202 Resp: 921148
Ion Ratio Lower Upper
202 100
200 22.3 17.0 25.4
203 17.8 13.8 20.6

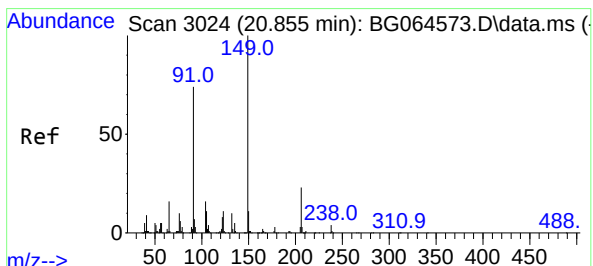
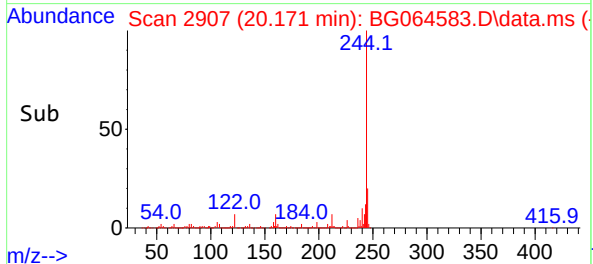
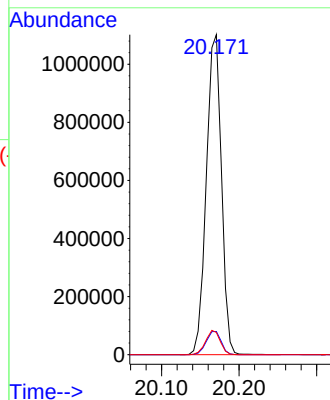
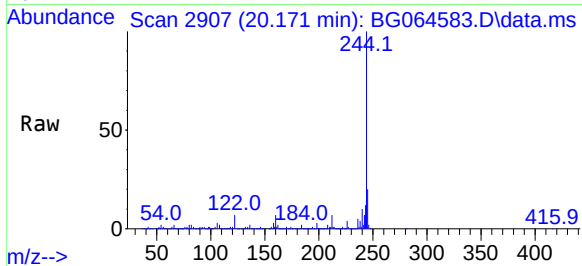




#79
Terphenyl-d14
Concen: 80.733 ng
RT: 20.171 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

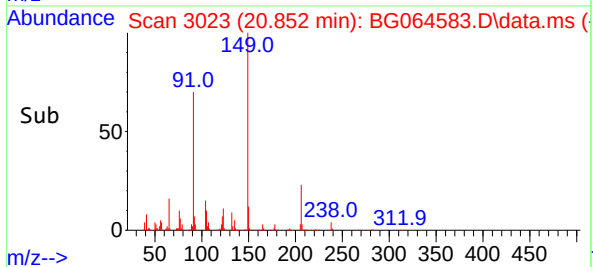
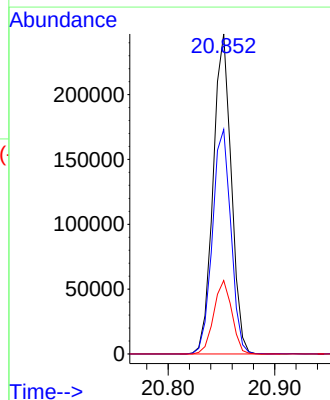
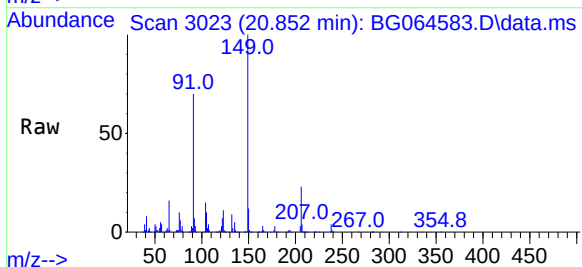
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

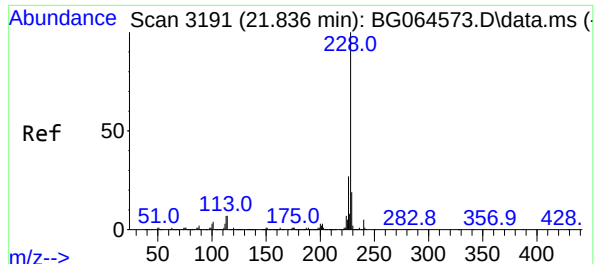
Tgt Ion:244 Resp: 1486757
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.388 ng
RT: 20.852 min Scan# 3023
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:149 Resp: 290894
Ion Ratio Lower Upper
149 100
91 70.2 59.2 88.8
206 22.9 18.1 27.1

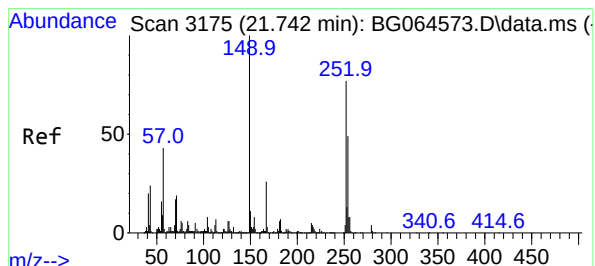
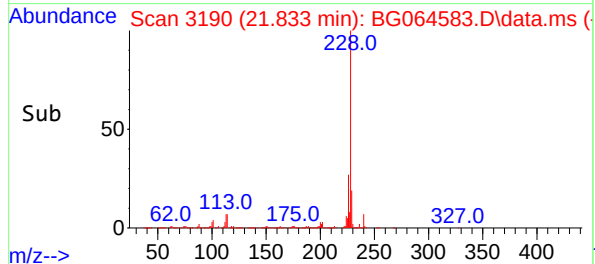
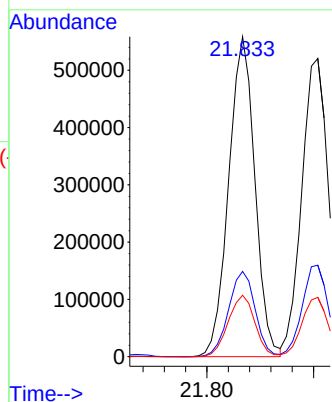
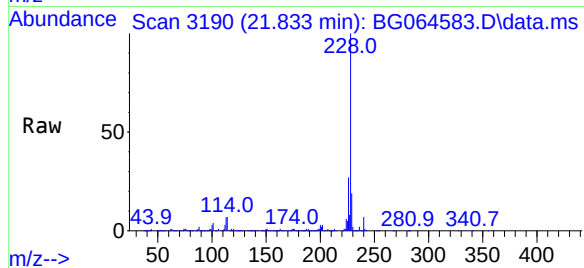




#81
Benzo(a)anthracene
Concen: 41.414 ng
RT: 21.833 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

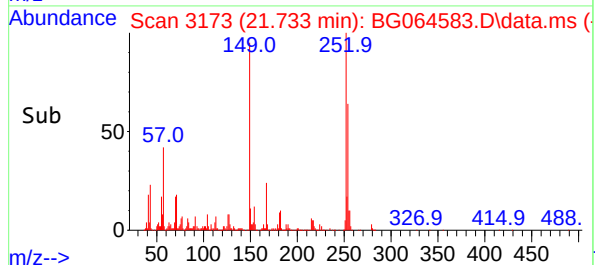
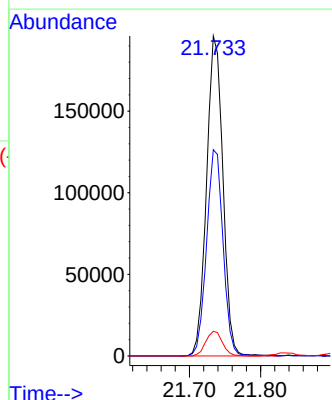
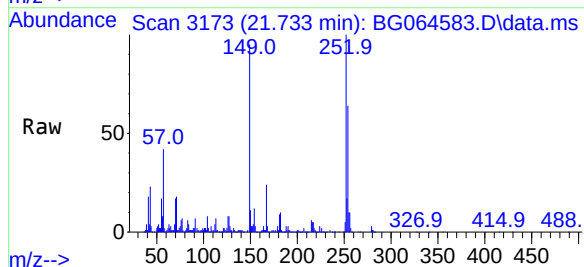
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

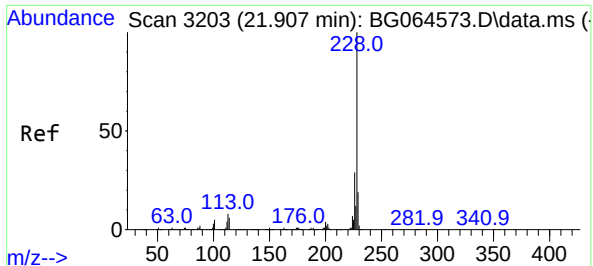
Tgt Ion:228 Resp: 954317
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.849 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:252 Resp: 314331
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 7.7 5.8 8.6

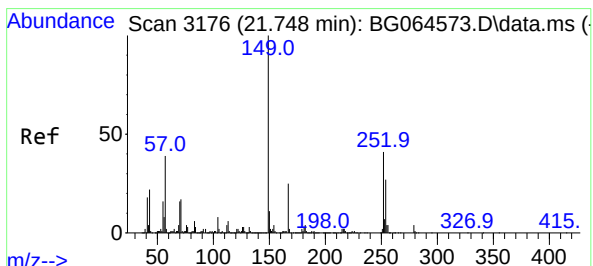
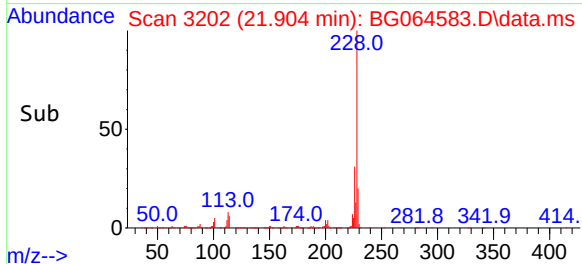
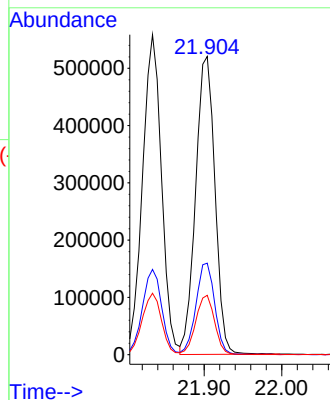
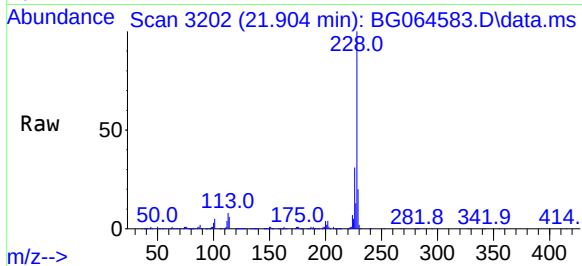




#83
Chrysene
Concen: 41.033 ng
RT: 21.904 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

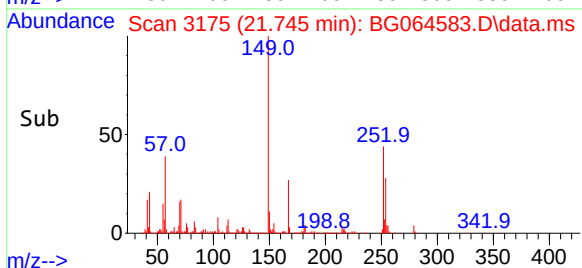
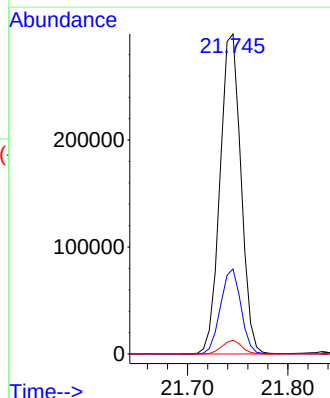
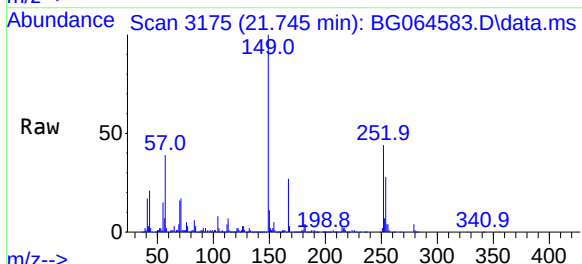
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

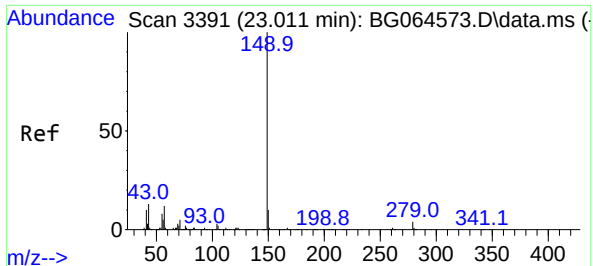
Tgt Ion:228 Resp: 899714
Ion Ratio Lower Upper
228 100
226 30.7 23.3 34.9
229 19.9 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.146 ng
RT: 21.745 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:149 Resp: 432180
Ion Ratio Lower Upper
149 100
167 26.6 20.0 30.0
279 4.3 3.1 4.7

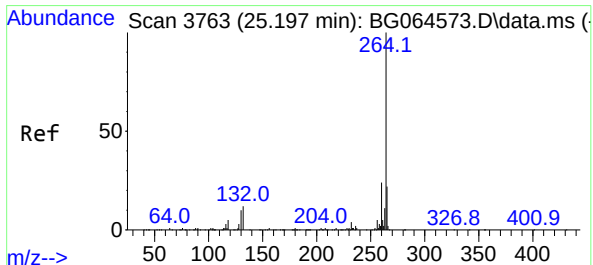
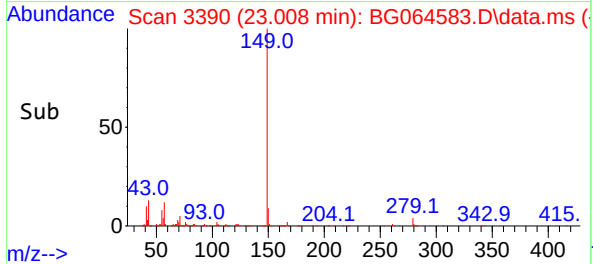
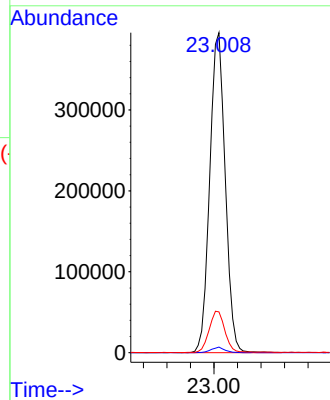
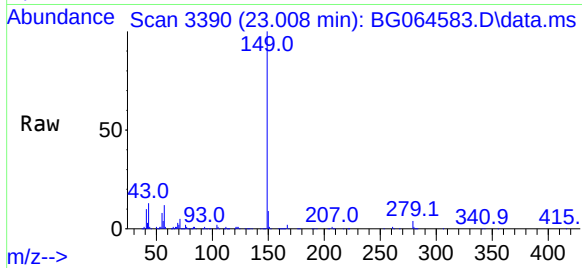




#85
Di-n-octyl phthalate
Concen: 41.817 ng
RT: 23.008 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

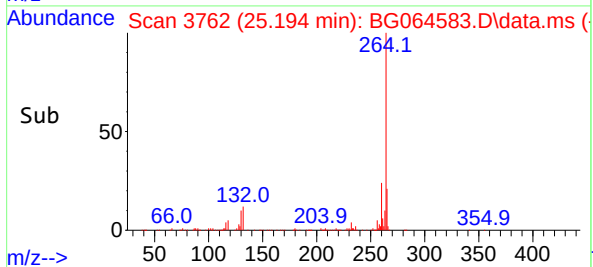
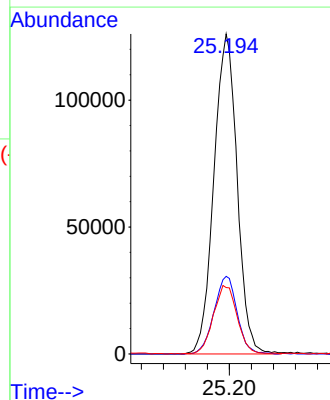
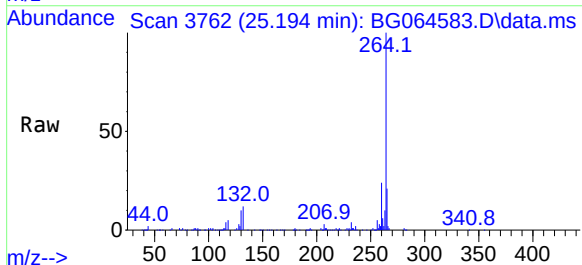
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 722967
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.4 10.8 16.2

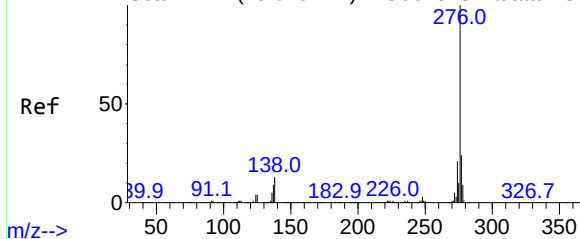


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3762
Delta R.T. -0.006 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:264 Resp: 368889
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 20.7 17.6 26.4



Abundance Scan 4417 (29.040 min): BG064573.D\data.ms (



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.398 ng

RT: 29.031 min Scan# 4417

Delta R.T. -0.030 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1123402

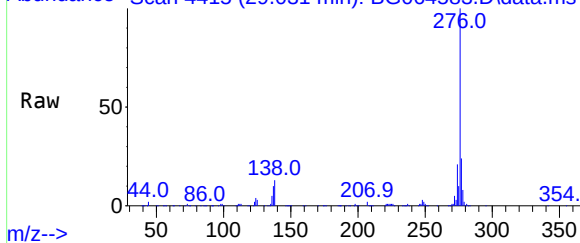
Ion Ratio Lower Upper

276 100

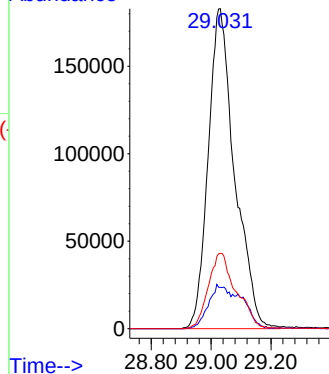
138 12.3 10.8 16.2

277 24.9 20.1 30.1

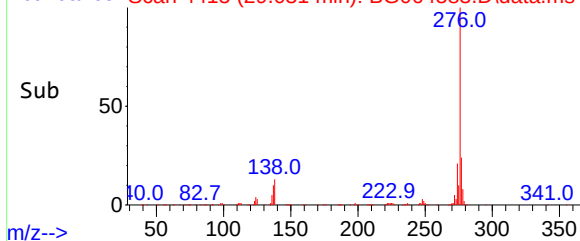
Abundance Scan 4415 (29.031 min): BG064583.D\data.ms



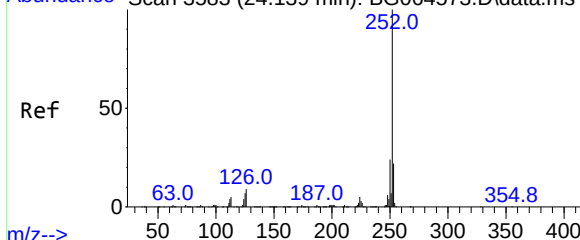
Abundance



Abundance Scan 4415 (29.031 min): BG064583.D\data.ms (



Abundance Scan 3583 (24.139 min): BG064573.D\data.ms (



#88

Benzo(b)fluoranthene

Concen: 41.242 ng

RT: 24.137 min Scan# 3582

Delta R.T. -0.006 min

Lab File: BG064583.D

Acq: 27 Oct 2025 11:57

Tgt Ion:252 Resp: 932900

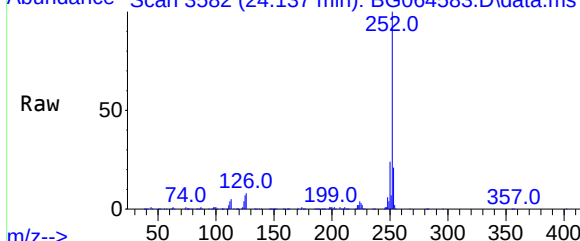
Ion Ratio Lower Upper

252 100

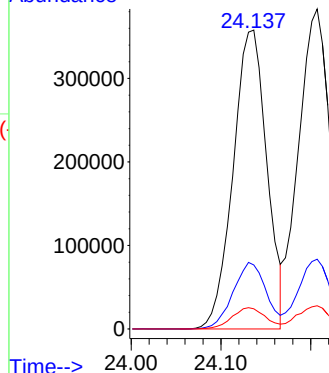
253 21.4 17.8 26.8

125 6.8 5.6 8.4

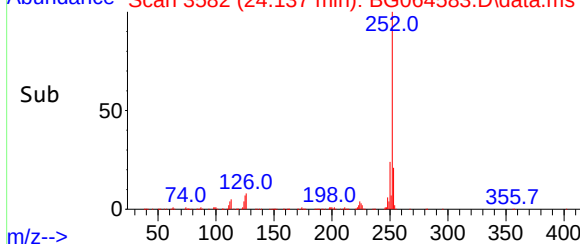
Abundance Scan 3582 (24.137 min): BG064583.D\data.ms

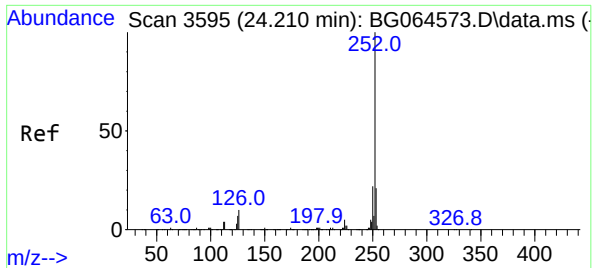


Abundance



Abundance Scan 3582 (24.137 min): BG064583.D\data.ms (

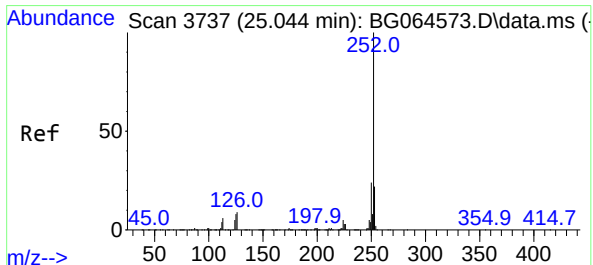
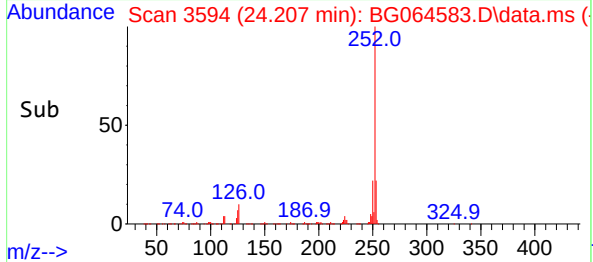
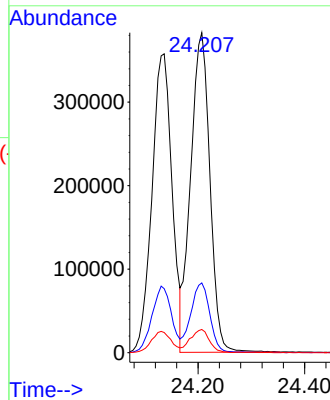
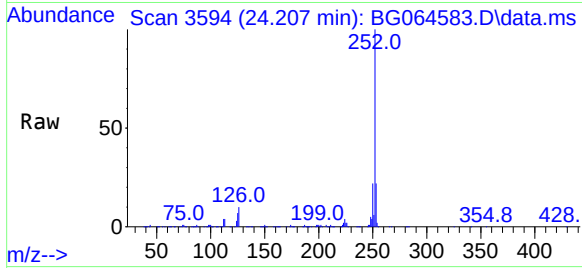




#89
Benzo(k)fluoranthene
Concen: 42.319 ng
RT: 24.207 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

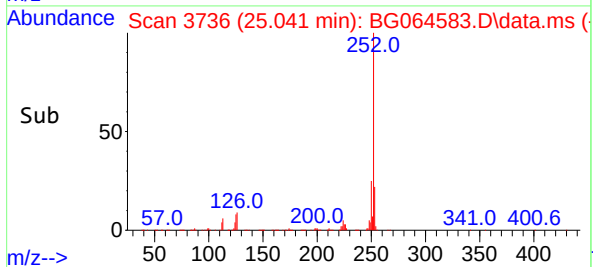
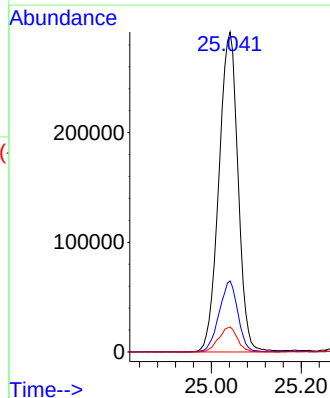
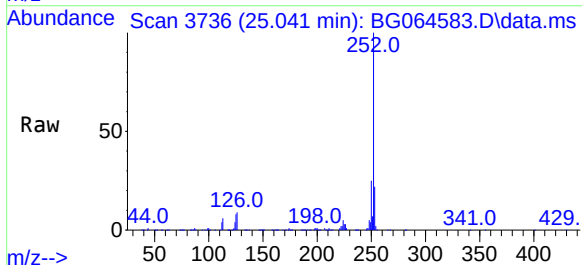
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

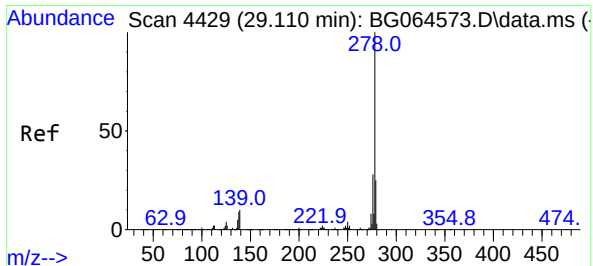
Tgt Ion:252 Resp: 957914
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 7.3 5.4 8.0



#90
Benzo(a)pyrene
Concen: 41.573 ng
RT: 25.041 min Scan# 3736
Delta R.T. -0.018 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:252 Resp: 864413
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.8 6.1 9.1

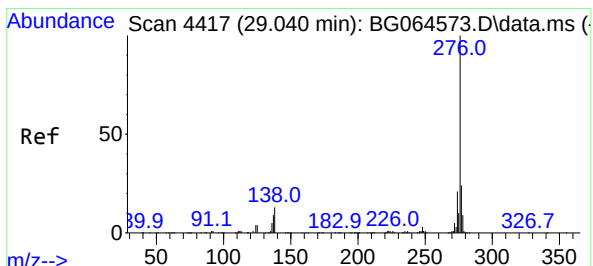
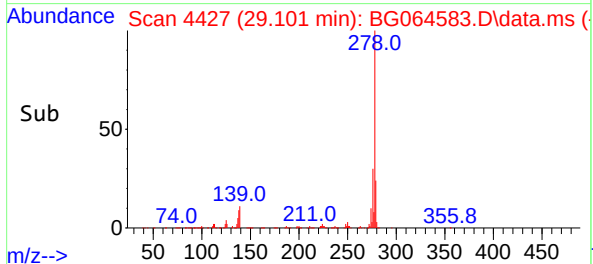
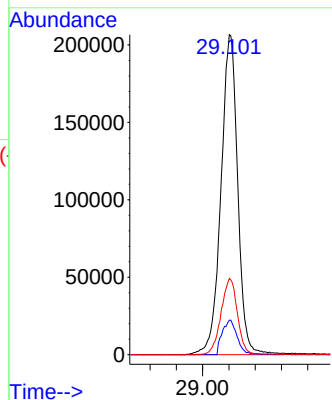
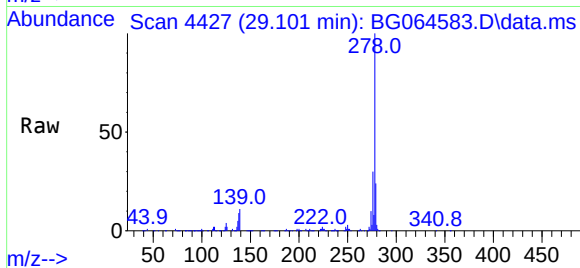




#91
Dibenzo(a,h)anthracene
Concen: 41.553 ng
RT: 29.101 min Scan# 4427
Delta R.T. -0.036 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

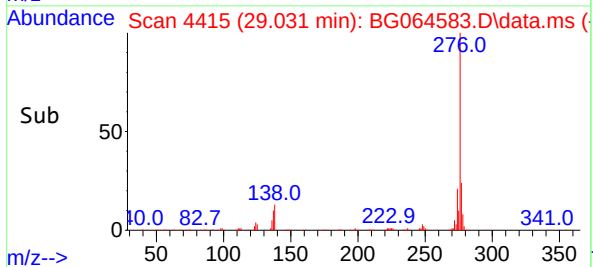
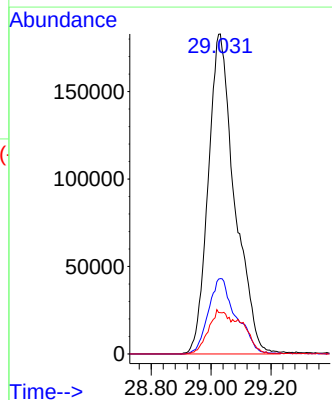
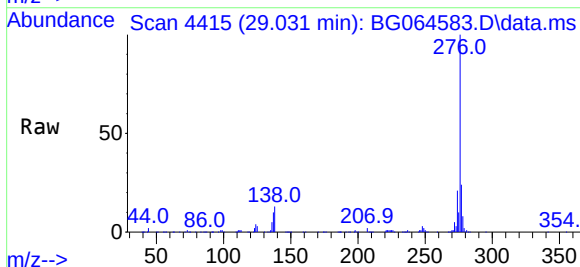
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 916106
Ion Ratio Lower Upper
278 100
139 10.8 8.0 12.0
279 23.8 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 41.398 ng
RT: 29.031 min Scan# 4415
Delta R.T. -0.030 min
Lab File: BG064583.D
Acq: 27 Oct 2025 11:57

Tgt Ion:276 Resp: 1123402
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 12.9 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2	1,4-Dioxane	0.528	0.633	-19.9	119	0.00
3	Pyridine	1.584	2.455	-55.0#	145	0.00
4	n-Nitrosodimethylamine	0.850	1.000	-17.6	110	0.00
5 S	2-Fluorophenol	1.192	1.450	-21.6	111	0.00
6	Aniline	2.225	2.744	-23.3	114	0.00
7 S	Phenol-d6	1.635	2.044	-25.0#	114	0.00
8	2-Chlorophenol	1.247	1.578	-26.5#	114	0.00
9	Benzaldehyde	0.893	1.717	-92.3#	181#	0.00
10 C	Phenol	1.808	2.253	-24.6#	115	0.00
11	bis(2-Chloroethyl)ether	2.225	2.744	-23.3	114	0.00
12	1,3-Dichlorobenzene	1.435	1.497	-4.3	97	0.00
13 C	1,4-Dichlorobenzene	1.460	1.518	-4.0	98	0.00
14	1,2-Dichlorobenzene	1.408	1.461	-3.8	97	0.00
15	Benzyl Alcohol	1.348	1.452	-7.7	101	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.810	-9.3	101	0.00
17	2-Methylphenol	0.674	0.741	-9.9	98	0.00
18	Hexachloroethane	0.512	0.530	-3.5	97	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.299	-15.0	105	0.00
20	3+4-Methylphenols	1.688	1.798	-6.5	98	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.547	0.561	-2.6	101	0.00
23 S	Nitrobenzene-d5	0.333	0.335	-0.6	94	0.00
24	Nitrobenzene	0.362	0.371	-2.5	95	0.00
25	Isophorone	0.799	0.838	-4.9	102	-0.01
26 C	2-Nitrophenol	0.121	0.114	5.8	88	0.00
27	2,4-Dimethylphenol	0.303	0.316	-4.3	99	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.477	-4.8	103	0.00
29 C	2,4-Dichlorophenol	0.320	0.336	-5.0	99	0.00
30	1,2,4-Trichlorobenzene	0.363	0.370	-1.9	100	0.00
31	Naphthalene	1.109	1.134	-2.3	102	0.00
32	Benzoic acid	0.189	0.176	6.9	91	-0.02
33	4-Chloroaniline	0.431	0.451	-4.6	104	0.00
34 C	Hexachlorobutadiene	0.284	0.289	-1.8	102	0.00
35	Caprolactam	0.123	0.118	4.1	93	-0.02
36 C	4-Chloro-3-methylphenol	0.384	0.401	-4.4	99	0.00
37	2-Methylnaphthalene	0.814	0.842	-3.4	103	0.00
38	1-Methylnaphthalene	0.801	0.823	-2.7	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.671	0.0	100	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.278	7.9	90	0.00
42 S	2,4,6-Tribromophenol	0.289	0.288	0.3	95	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.396	-3.1	98	0.00
44	2,4,5-Trichlorophenol	0.443	0.454	-2.5	98	0.00
45 S	2-Fluorobiphenyl	1.319	1.332	-1.0	101	0.00
46	1,1'-Biphenyl	1.422	1.458	-2.5	102	0.00
47	2-Chloronaphthalene	1.073	1.098	-2.3	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.299	3.9	90	0.00
49	Acenaphthylene	1.693	1.726	-1.9	101	0.00
50	Dimethylphthalate	1.530	1.534	-0.3	98	0.00
51	2,6-Dinitrotoluene	0.218	0.217	0.5	92	0.00
52 C	Acenaphthene	1.157	1.176	-1.6	101	0.00
53	3-Nitroaniline	0.263	0.266	-1.1	95	0.00
54 P	2,4-Dinitrophenol	0.132	0.132	0.0	101	0.00
55	Dibenzofuran	1.870	1.902	-1.7	101	0.00
56 P	4-Nitrophenol	0.244	0.236	3.3	95	0.00
57	2,4-Dinitrotoluene	0.340	0.332	2.4	90	0.00
58	Fluorene	1.460	1.460	0.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.435	-2.6	98	0.00
60	Diethylphthalate	1.563	1.538	1.6	97	0.00
61	4-Chlorophenyl-phenylether	0.820	0.816	0.5	99	0.00
62	4-Nitroaniline	0.293	0.301	-2.7	96	-0.01
63	Azobenzene	1.434	1.481	-3.3	101	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.080	-1.3	100	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.565	-4.6	100	0.00
67	4-Bromophenyl-phenylether	0.237	0.247	-4.2	99	0.00
68	Hexachlorobenzene	0.270	0.278	-3.0	98	0.00
69	Atrazine	0.232	0.221	4.7	93	0.00
70 C	Pentachlorophenol	0.169	0.169	0.0	97	0.00
71	Phenanthrene	1.094	1.114	-1.8	99	0.00
72	Anthracene	1.113	1.141	-2.5	100	0.00
73	Carbazole	0.981	0.995	-1.4	100	0.00
74	Di-n-butylphthalate	1.134	1.104	2.6	92	0.00
75 C	Fluoranthene	1.370	1.371	-0.1	99	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	-0.01
77	Benzidine	0.448	0.671	-49.8#	143	0.00
78	Pyrene	1.307	1.325	-1.4	98	0.00
79 S	Terphenyl-d14	1.060	1.069	-0.8	98	0.00
80	Butylbenzylphthalate	0.395	0.419	-6.1	97	0.00
81	Benzo(a)anthracene	1.326	1.373	-3.5	101	0.00
82	3,3'-Dichlorobenzidine	0.443	0.452	-2.0	99	0.00
83	Chrysene	1.262	1.294	-2.5	101	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.622	-5.4	97	0.00
85 c	Di-n-octyl phthalate	0.995	1.040	-4.5	100	0.00
86 I	Perylene-d12	1.000	1.000	0.0	105	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.523	-3.5	102	-0.03
88	Benzo(b)fluoranthene	1.226	1.264	-3.1	101	0.00
89	Benzo(k)fluoranthene	1.227	1.298	-5.8	106	-0.01
90 C	Benzo(a)pyrene	1.127	1.172	-4.0	103	-0.02
91	Dibenzo(a,h)anthracene	1.195	1.242	-3.9	103	-0.04
92	Benzo(g,h,i)perylene	1.471	1.523	-3.5	102	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064583.D
Acq On : 27 Oct 2025 11:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2	1,4-Dioxane	40.000	48.018	-20.0	119	0.00
3	Pyridine	40.000	61.994	-55.0#	145	0.00
4	n-Nitrosodimethylamine	40.000	47.077	-17.7	110	0.00
5 S	2-Fluorophenol	80.000	97.366	-21.7	111	0.00
6	Aniline	40.000	49.338	-23.3	114	0.00
7 S	Phenol-d6	80.000	100.000	-25.0	114	0.00
8	2-Chlorophenol	40.000	50.611	-26.5#	114	0.00
9	Benzaldehyde	40.000	76.923	-92.3#	181	0.00
10 C	Phenol	40.000	49.835	-24.6#	115	0.00
11	bis(2-Chloroethyl)ether	40.000	49.338	-23.3	114	0.00
12	1,3-Dichlorobenzene	40.000	41.710	-4.3	97	0.00
13 C	1,4-Dichlorobenzene	40.000	41.603	-4.0	98	0.00
14	1,2-Dichlorobenzene	40.000	41.508	-3.8	97	0.00
15	Benzyl Alcohol	40.000	43.062	-7.7	101	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	43.704	-9.3	101	0.00
17	2-Methylphenol	40.000	43.960	-9.9	98	0.00
18	Hexachloroethane	40.000	41.409	-3.5	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	45.972	-14.9	105	0.00
20	3+4-Methylphenols	40.000	42.591	-6.5	98	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	41.032	-2.6	101	0.00
23 S	Nitrobenzene-d5	80.000	80.547	-0.7	94	0.00
24	Nitrobenzene	40.000	40.927	-2.3	95	0.00
25	Isophorone	40.000	41.948	-4.9	102	-0.01
26 C	2-Nitrophenol	40.000	33.699	15.8	88	0.00
27	2,4-Dimethylphenol	40.000	41.721	-4.3	99	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.969	-4.9	103	0.00
29 C	2,4-Dichlorophenol	40.000	42.048	-5.1	99	0.00
30	1,2,4-Trichlorobenzene	40.000	40.719	-1.8	100	0.00
31	Naphthalene	40.000	40.895	-2.2	102	0.00
32	Benzoic acid	40.000	34.567	13.6	91	-0.02
33	4-Chloroaniline	40.000	41.846	-4.6	104	0.00
34 C	Hexachlorobutadiene	40.000	40.684	-1.7	102	0.00
35	Caprolactam	40.000	38.487	3.8	93	-0.02
36 C	4-Chloro-3-methylphenol	40.000	41.668	-4.2	99	0.00
37	2-Methylnaphthalene	40.000	41.357	-3.4	103	0.00
38	1-Methylnaphthalene	40.000	41.099	-2.7	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.969	0.1	100	0.00
41 P	Hexachlorocyclopentadiene	40.000	36.818	8.0	90	0.00
42 S	2,4,6-Tribromophenol	80.000	79.732	0.3	95	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.278	-3.2	98	0.00
44	2,4,5-Trichlorophenol	40.000	41.000	-2.5	98	0.00
45 S	2-Fluorobiphenyl	80.000	80.739	-0.9	101	0.00
46	1,1'-Biphenyl	40.000	41.012	-2.5	102	0.00
47	2-Chloronaphthalene	40.000	40.928	-2.3	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	34.152	14.6	90	0.00
49	Acenaphthylene	40.000	40.780	-2.0	101	0.00
50	Dimethylphthalate	40.000	40.096	-0.2	98	0.00
51	2,6-Dinitrotoluene	40.000	35.352	11.6	92	0.00
52 C	Acenaphthene	40.000	40.659	-1.6	101	0.00
53	3-Nitroaniline	40.000	40.529	-1.3	95	0.00
54 P	2,4-Dinitrophenol	40.000	37.232	6.9	101	0.00
55	Dibenzofuran	40.000	40.693	-1.7	101	0.00
56 P	4-Nitrophenol	40.000	38.706	3.2	95	0.00
57	2,4-Dinitrotoluene	40.000	34.936	12.7	90	0.00
58	Fluorene	40.000	39.986	0.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.112	-2.8	98	0.00
60	Diethylphthalate	40.000	39.366	1.6	97	0.00
61	4-Chlorophenyl-phenylether	40.000	39.849	0.4	99	0.00
62	4-Nitroaniline	40.000	41.112	-2.8	96	-0.01
63	Azobenzene	40.000	41.315	-3.3	101	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.510	6.2	100	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.867	-4.7	100	0.00
67	4-Bromophenyl-phenylether	40.000	41.720	-4.3	99	0.00
68	Hexachlorobenzene	40.000	41.094	-2.7	98	0.00
69	Atrazine	40.000	37.977	5.1	93	0.00
70 C	Pentachlorophenol	40.000	40.129	-0.3	97	0.00
71	Phenanthrene	40.000	40.740	-1.9	99	0.00
72	Anthracene	40.000	41.035	-2.6	100	0.00
73	Carbazole	40.000	40.561	-1.4	100	0.00
74	Di-n-butylphthalate	40.000	38.911	2.7	92	0.00
75 C	Fluoranthene	40.000	40.019	-0.0	99	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	-0.01
77	Benzydine	40.000	59.923	-49.8#	143	0.00
78	Pyrene	40.000	40.568	-1.4	98	0.00
79 S	Terphenyl-d14	80.000	80.733	-0.9	98	0.00
80	Butylbenzylphthalate	40.000	42.388	-6.0	97	0.00
81	Benzo(a)anthracene	40.000	41.414	-3.5	101	0.00
82	3,3'-Dichlorobenzidine	40.000	40.849	-2.1	99	0.00
83	Chrysene	40.000	41.033	-2.6	101	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.146	-5.4	97	0.00
85 c	Di-n-octyl phthalate	40.000	41.817	-4.5	100	0.00
86 I	Perylene-d12	20.000	20.000	0.0	105	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.398	-3.5	102	-0.03
88	Benzo(b)fluoranthene	40.000	41.242	-3.1	101	0.00
89	Benzo(k)fluoranthene	40.000	42.319	-5.8	106	-0.01
90 C	Benzo(a)pyrene	40.000	41.573	-3.9	103	-0.02
91	Dibenzo(a,h)anthracene	40.000	41.553	-3.9	103	-0.04
92	Benzo(g,h,i)perylene	40.000	41.398	-3.5	102	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064583.D
Acq On : 27 Oct 2025 11:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3422</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/29/2025 11:22</u>
Lab File ID:	<u>BG064618.D</u>	Init. Calib. Date(s):	<u>10/24/2025 10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:00 15:32</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.266		6.2	
Benzaldehyde	0.893	0.838		-6.2	
Phenol-d6	1.635	1.656		1.3	
Phenol	1.808	1.838		1.7	20.0
bis(2-Chloroethyl)ether	2.225	2.273		2.2	
2-Chlorophenol	1.247	1.377		10.4	
2-Methylphenol	0.674	0.720		6.8	
2,2-oxybis(1-Chloropropane)	3.487	3.674		5.4	
Acetophenone	0.547	0.581		6.2	
3+4-Methylphenols	1.688	1.742		3.2	
n-Nitroso-di-n-propylamine	1.130	1.223	0.050	8.2	
Nitrobenzene-d5	0.333	0.401		20.4	
Hexachloroethane	0.512	0.567		10.7	
Nitrobenzene	0.362	0.429		18.5	
Isophorone	0.799	0.833		4.3	
2-Nitrophenol	0.121	0.168		38.8	20.0
2,4-Dimethylphenol	0.303	0.311		2.6	
bis(2-Chloroethoxy)methane	0.455	0.480		5.5	
2,4-Dichlorophenol	0.320	0.352		10.0	20.0
Naphthalene	1.109	1.159		4.5	
4-Chloroaniline	0.431	0.435		0.9	
Hexachlorobutadiene	0.284	0.322		13.4	20.0
Caprolactam	0.123	0.108		-12.2	
4-Chloro-3-methylphenol	0.384	0.389		1.3	20.0
2-Methylnaphthalene	0.814	0.836		2.7	
Hexachlorocyclopentadiene	0.302	0.400	0.050	32.5	
2,4,6-Trichlorophenol	0.384	0.455		18.5	20.0
2-Fluorobiphenyl	1.319	1.473		11.7	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.535		7.9	
2-Chloronaphthalene	1.073	1.175		9.5	
2-Nitroaniline	0.311	0.378		21.5	
Dimethylphthalate	1.530	1.552		1.4	
Acenaphthylene	1.693	1.770		4.5	
2,6-Dinitrotoluene	0.218	0.272		24.8	
3-Nitroaniline	0.263	0.288		9.5	
Acenaphthene	1.157	1.225		5.9	20.0
2,4-Dinitrophenol	0.132	0.164	0.050	24.2	
4-Nitrophenol	0.244	0.241	0.050	-1.2	



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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3422</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>10/29/2025 11:22</u>
Lab File ID:	<u>BG064618.D</u>	Init. Calib. Date(s):	<u>10/24/2025 10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:00 15:32</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.930		3.2	
2,4-Dinitrotoluene	0.340	0.396		16.5	
Diethylphthalate	1.563	1.507		-3.6	
4-Chlorophenyl-phenylether	0.820	0.840		2.4	
Fluorene	1.460	1.476		1.1	
4-Nitroaniline	0.293	0.306		4.4	
4,6-Dinitro-2-methylphenol	0.079	0.104		31.6	
n-Nitrosodiphenylamine	0.540	0.582		7.8	20.0
2,4,6-Tribromophenol	0.289	0.312		8.0	
4-Bromophenyl-phenylether	0.237	0.262		10.5	
Hexachlorobenzene	0.270	0.300		11.1	
Atrazine	0.232	0.233		0.4	
Pentachlorophenol	0.169	0.189		11.8	20.0
Phenanthrene	1.094	1.132		3.5	
Anthracene	1.113	1.125		1.1	
Carbazole	0.981	0.970		-1.1	
Di-n-butylphthalate	1.135	1.140		0.4	
Fluoranthene	1.370	1.343		-2.0	20.0
Pyrene	1.307	1.322		1.1	
Terphenyl-d14	1.060	1.074		1.3	
Butylbenzylphthalate	0.395	0.462		17.0	
3,3-Dichlorobenzidine	0.443	0.484		9.3	
Benzo (a) anthracene	1.326	1.395		5.2	
Chrysene	1.262	1.298		2.9	
Bis(2-ethylhexyl)phthalate	0.590	0.671		13.7	
Di-n-octyl phthalate	0.995	1.203		20.9	20.0
Benzo (b) fluoranthene	1.226	1.236		0.8	
Benzo (k) fluoranthene	1.227	1.235		0.7	
Benzo (a) pyrene	1.127	1.157		2.7	20.0
Indeno (1,2,3-cd) pyrene	1.471	1.519		3.3	
Dibenzo (a,h) anthracene	1.195	1.241		3.8	
Benzo (g,h,i) perylene	1.471	1.519		3.3	
1,2,4,5-Tetrachlorobenzene	0.671	0.754		12.4	
1,4-Dioxane	0.528	0.560		6.1	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.469		10.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	36613	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	148961	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	108882	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	241683	20.000	ng	0.00
76) Chrysene-d12	21.854	240	261016	20.000	ng	0.00
86) Perylene-d12	25.197	264	298207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	185390	84.991	ng	0.00
7) Phenol-d6	7.353	99	242475	81.009	ng	0.00
23) Nitrobenzene-d5	9.380	82	238914	96.333	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	135782	86.403	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	641606	89.318	ng	0.00
79) Terphenyl-d14	20.168	244	1121232	81.066	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.587	88	41038	42.495	ng	97
3) Pyridine	3.998	79	118806	40.966	ng	97
4) n-Nitrosodimethylamine	3.904	42	63036	40.532	ng	100
6) Aniline	7.529	93	166421	40.860	ng	98
8) 2-Chlorophenol	7.776	128	100847	44.170	ng	99
9) Benzaldehyde	7.341	77	61374	37.558	ng	96
10) Phenol	7.377	94	134608	40.664	ng	96
11) bis(2-Chloroethyl)ether	7.529	93	166421	40.860	ng	97
12) 1,3-Dichlorobenzene	8.111	146	113188	43.073	ng	98
13) 1,4-Dichlorobenzene	8.258	146	113697	42.552	ng	98
14) 1,2-Dichlorobenzene	8.575	146	111091	43.105	ng	98
15) Benzyl Alcohol	8.446	79	104162	42.201	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.740	45	269007	42.138	ng	98
17) 2-Methylphenol	8.446	107	52746	42.752	ng	94
18) Hexachloroethane	9.321	117	41522	44.282	ng	95
19) n-Nitroso-di-n-propyla...	9.022	70	89519	43.275	ng	97
20) 3+4-Methylphenols	8.975	107	127586	41.279	ng	99
22) Acetophenone	9.039	105	173153	42.523	ng	# 97
24) Nitrobenzene	9.427	77	127739	47.355	ng	97
25) Isophorone	9.956	82	248133	41.695	ng	99
26) 2-Nitrophenol	10.144	139	49935	47.979	ng	96
27) 2,4-Dimethylphenol	10.191	122	92582	41.002	ng	93
28) bis(2-Chloroethoxy)met...	10.432	93	142887	42.170	ng	99
29) 2,4-Dichlorophenol	10.679	162	104960	44.058	ng	95
30) 1,2,4-Trichlorobenzene	10.902	180	118900	43.927	ng	96
31) Naphthalene	11.096	128	345379	41.819	ng	99
32) Benzoic acid	10.309	122	60590	38.781	ng	96
33) 4-Chloroaniline	11.184	127	129600	40.373	ng	98
34) Hexachlorobutadiene	11.384	225	95906	45.306	ng	98
35) Caprolactam	11.948	113	32311	35.362	ng	91
36) 4-Chloro-3-methylphenol	12.289	107	115865	40.462	ng	98
37) 2-Methylnaphthalene	12.688	142	249124	41.085	ng	98
38) 1-Methylnaphthalene	12.900	142	245754	41.190	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	164299	44.962	ng	100
41) Hexachlorocyclopentadiene	13.035	237	87148	52.985	ng	99
43) 2,4,6-Trichlorophenol	13.276	196	99057	47.391	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

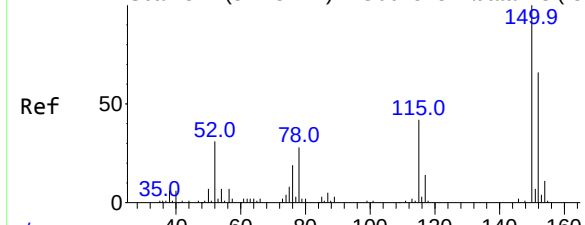
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	107132	44.415	ng	96
46) 1,1'-Biphenyl	13.681	154	334243	43.180	ng	98
47) 2-Chloronaphthalene	13.728	162	255946	43.804	ng	98
48) 2-Nitroaniline	13.910	65	82275	42.351	ng	96
49) Acenaphthylene	14.562	152	385513	41.830	ng	99
50) Dimethylphthalate	14.280	163	338032	40.572	ng	99
51) 2,6-Dinitrotoluene	14.398	165	59140	43.351	ng	97
52) Acenaphthene	14.903	154	266835	42.377	ng	96
53) 3-Nitroaniline	14.721	138	62676	43.773	ng	97
54) 2,4-Dinitrophenol	14.927	184	35680	44.922	ng #	58
55) Dibenzofuran	15.238	168	420237	41.281	ng	99
56) 4-Nitrophenol	15.015	139	52490	39.540	ng	94
57) 2,4-Dinitrotoluene	15.179	165	86302	41.073	ng #	99
58) Fluorene	15.884	166	321438	40.432	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	102176	44.298	ng	99
60) Diethylphthalate	15.644	149	328215	38.582	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	182832	40.979	ng	99
62) 4-Nitroaniline	15.884	138	66563	41.786	ng	99
63) Azobenzene	16.161	77	305844	39.183	ng	99
65) 4,6-Dinitro-2-methylph...	15.943	198	50385	47.448	ng	91
66) n-Nitrosodiphenylamine	16.078	169	281278	43.085	ng	98
67) 4-Bromophenyl-phenylether	16.766	248	126485	44.163	ng	98
68) Hexachlorobenzene	16.889	284	145122	44.415	ng	96
69) Atrazine	17.018	200	112465	40.031	ng	96
70) Pentachlorophenol	17.224	266	91563	44.939	ng	94
71) Phenanthrene	17.618	178	547128	41.397	ng	99
72) Anthracene	17.712	178	543644	40.436	ng	99
73) Carbazole	17.970	167	468954	39.556	ng	99
74) Di-n-butylphthalate	18.528	149	550901	40.184	ng	100
75) Fluoranthene	19.615	202	648927	39.193	ng	98
77) Benzidine	19.780	184	265517	45.404	ng	99
78) Pyrene	19.974	202	690102	40.467	ng	99
80) Butylbenzylphthalate	20.849	149	241218	46.801	ng	96
81) Benzo(a)anthracene	21.836	228	728489	42.093	ng	100
82) 3,3'-Dichlorobenzidine	21.736	252	252767	43.737	ng	98
83) Chrysene	21.901	228	677717	41.154	ng	99
84) Bis(2-ethylhexyl)phtha...	21.742	149	350537	45.515	ng	96
85) Di-n-octyl phthalate	23.000	149	627808	48.350	ng	99
87) Indeno(1,2,3-cd)pyrene	29.040	276	906170	41.308	ng	98
88) Benzo(b)fluoranthene	24.134	252	736965	40.302	ng	99
89) Benzo(k)fluoranthene	24.210	252	736695	40.260	ng	99
90) Benzo(a)pyrene	25.038	252	690279	41.067	ng	100
91) Dibenzo(a,h)anthracene	29.104	278	740147	41.529	ng	99
92) Benzo(g,h,i)perylene	29.040	276	906170	41.308	ng	99

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

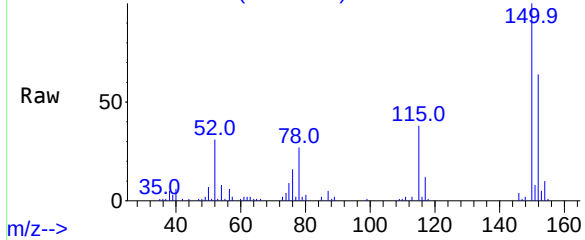
[illegible]

Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86



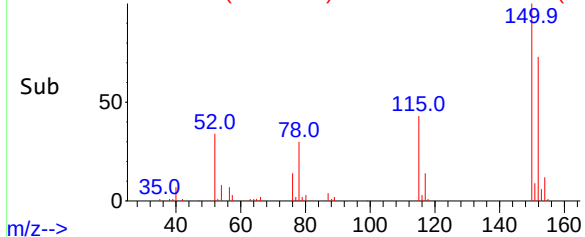
m/z-->

Abundance Scan 874 (8.223 min): BG064618.D\data.ms



m/z-->

Abundance Scan 874 (8.223 min): BG064618.D\data.ms (-85



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.223 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 36613

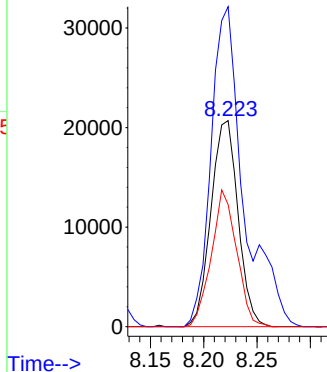
Ion Ratio Lower Upper

152 100

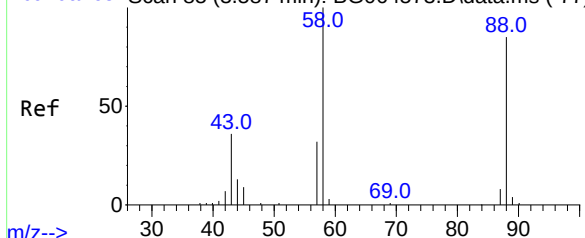
150 155.3 122.2 183.4

115 59.3 50.8 76.2

Abundance

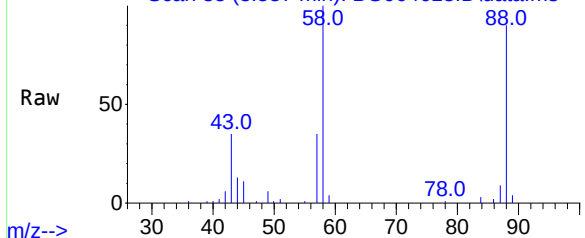


Abundance Scan 85 (3.587 min): BG064573.D\data.ms (-77)



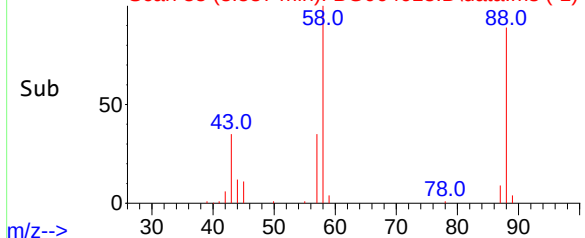
m/z-->

Abundance Scan 85 (3.587 min): BG064618.D\data.ms



m/z-->

Abundance Scan 85 (3.587 min): BG064618.D\data.ms (-1)



m/z-->

#2

1,4-Dioxane

Concen: 42.495 ng

RT: 3.587 min Scan# 85

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion: 88 Resp: 41038

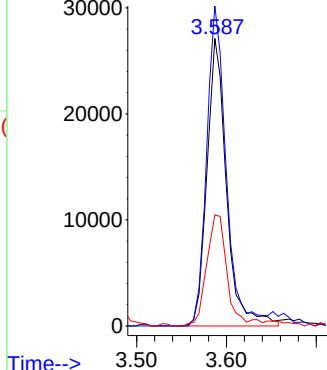
Ion Ratio Lower Upper

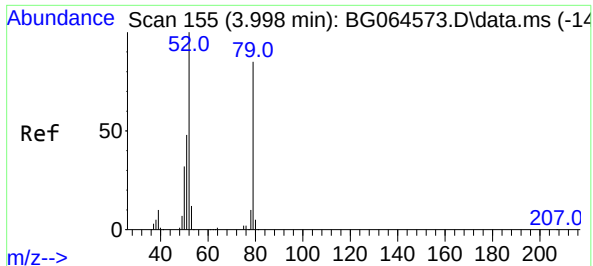
88 100

58 110.9 92.4 138.6

43 40.4 33.0 49.6

Abundance

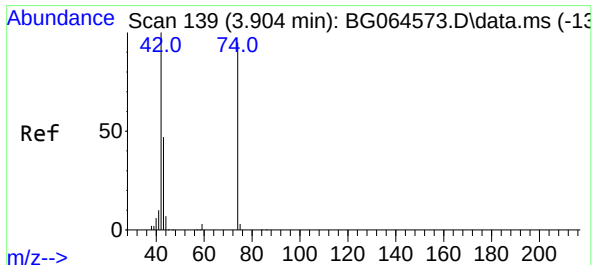
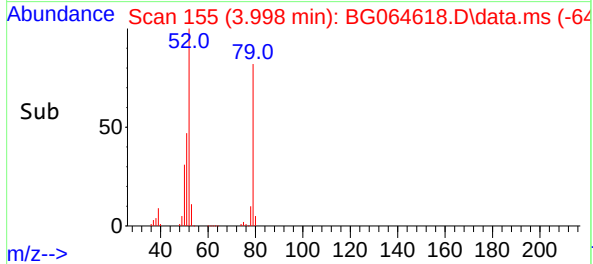
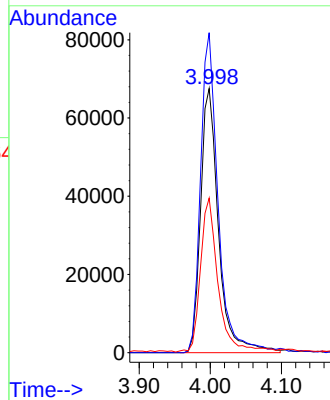
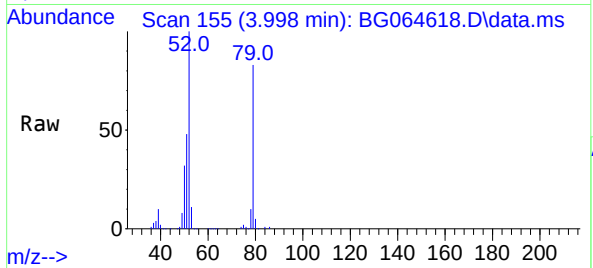




#3
Pyridine
Concen: 40.966 ng
RT: 3.998 min Scan# 155
Delta R.T. 0.002 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

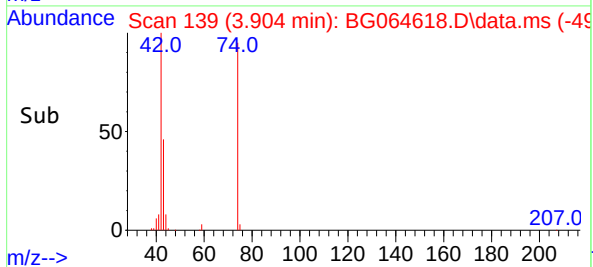
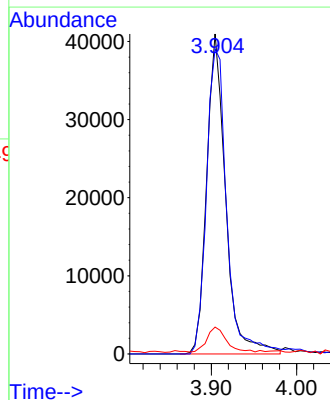
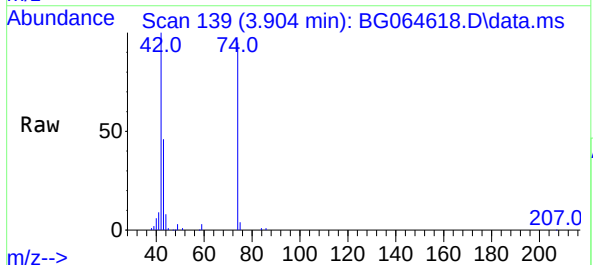
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

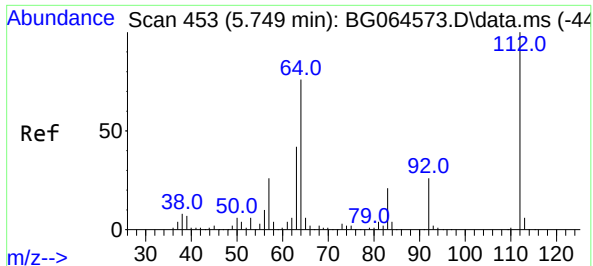
Tgt Ion: 79 Resp: 118806
Ion Ratio Lower Upper
79 100
52 121.2 94.2 141.2
51 58.5 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 40.532 ng
RT: 3.904 min Scan# 139
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion: 42 Resp: 63036
Ion Ratio Lower Upper
42 100
74 95.4 76.1 114.1
44 8.4 6.3 9.5

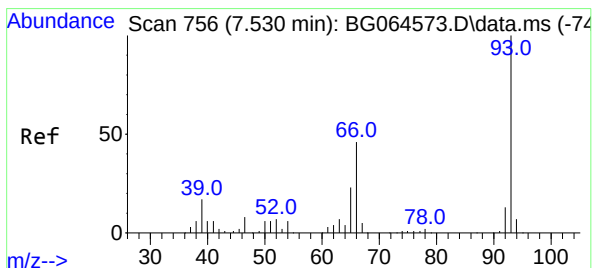
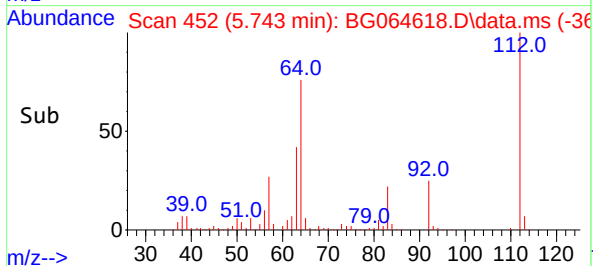
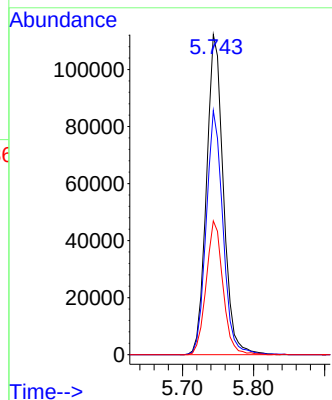
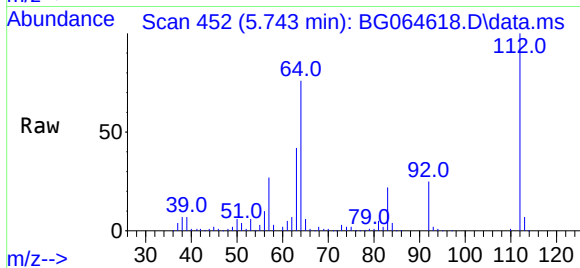




#5
2-Fluorophenol
Concen: 84.991 ng
RT: 5.743 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

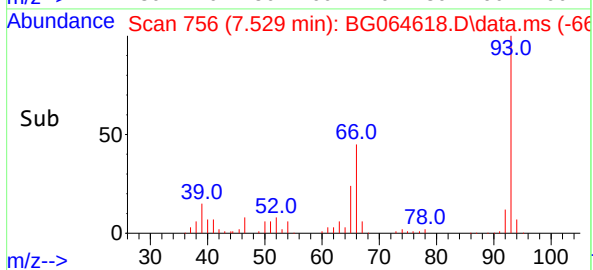
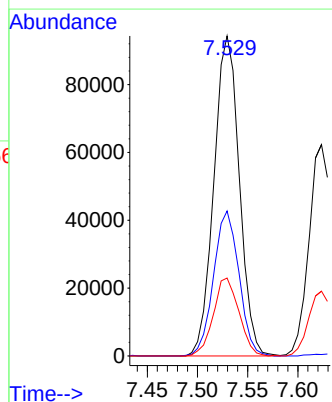
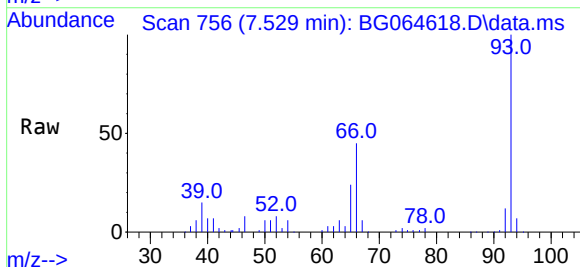
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 185390
Ion Ratio Lower Upper
112 100
64 76.3 60.7 91.1
63 41.8 33.4 50.0

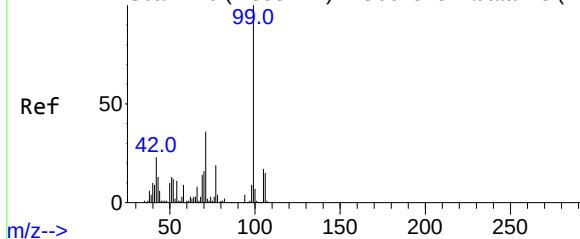


#6
Aniline
Concen: 40.860 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion: 93 Resp: 166421
Ion Ratio Lower Upper
93 100
66 45.3 37.0 55.6
65 24.3 18.3 27.5

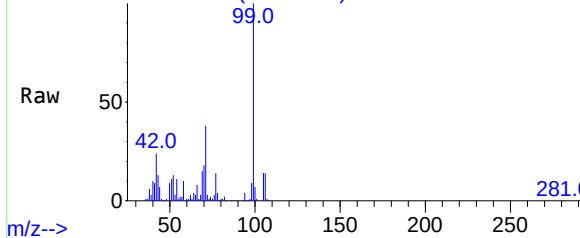


Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



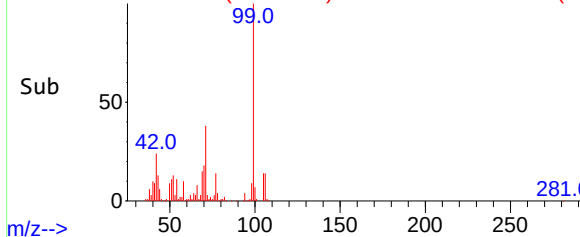
m/z-->

Abundance Scan 726 (7.353 min): BG064618.D\data.ms



m/z-->

Abundance Scan 726 (7.353 min): BG064618.D\data.ms (-63



m/z-->

#7

Phenol-d6

Concen: 81.009 ng

RT: 7.353 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 242475

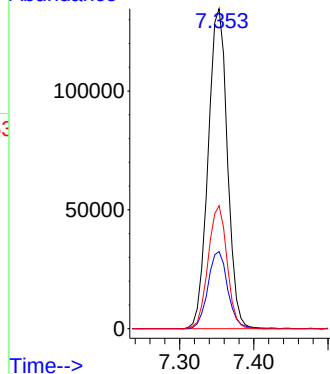
Ion Ratio Lower Upper

99 100

42 24.1 18.3 27.5

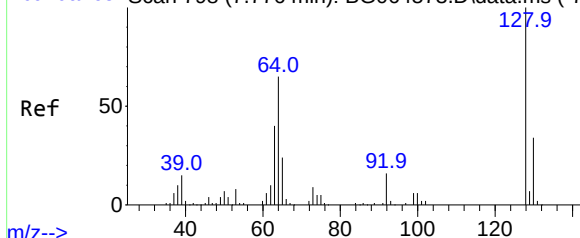
71 38.5 28.6 43.0

Abundance



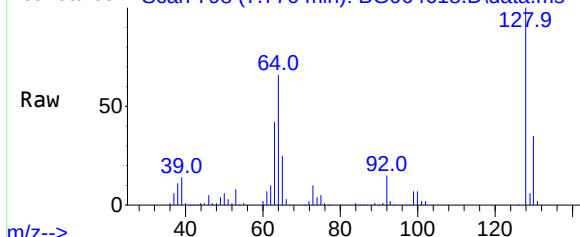
Time-->

Abundance Scan 798 (7.776 min): BG064573.D\data.ms (-79



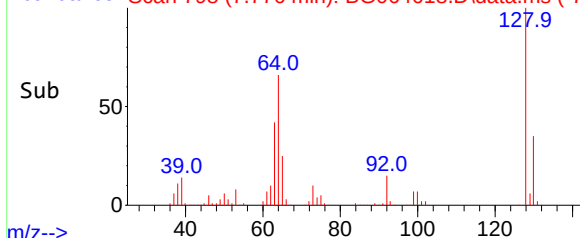
m/z-->

Abundance Scan 798 (7.776 min): BG064618.D\data.ms



m/z-->

Abundance Scan 798 (7.776 min): BG064618.D\data.ms (-70



m/z-->

#8

2-Chlorophenol

Concen: 44.170 ng

RT: 7.776 min Scan# 798

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion: 128 Resp: 100847

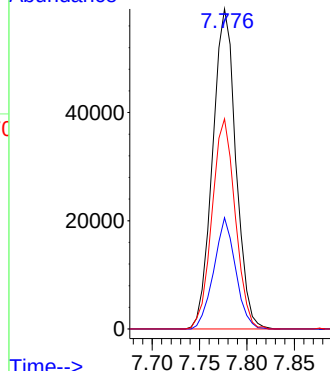
Ion Ratio Lower Upper

128 100

130 34.8 13.5 53.5

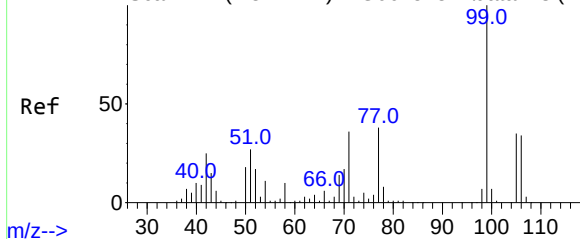
64 65.7 45.2 85.2

Abundance



Time-->

Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



#9

Benzaldehyde

Concen: 37.558 ng

RT: 7.341 min Scan# 71

Delta R.T. 0.002 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

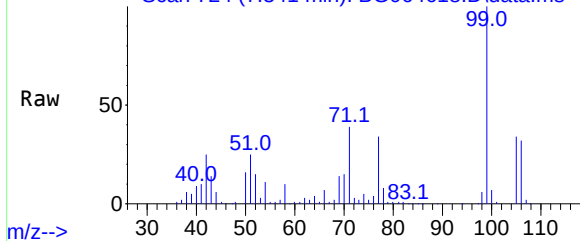
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Abundance Scan 724 (7.341 min): BG064618.D\data.ms



Tgt Ion: 77 Resp: 61374

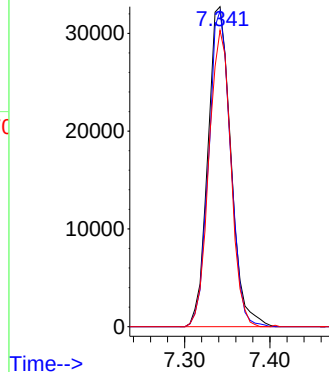
Ion Ratio Lower Upper

77 100

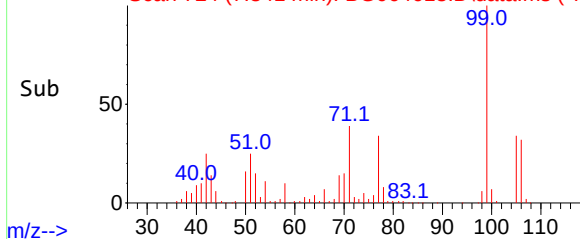
105 98.7 72.9 112.9

106 92.6 70.8 110.8

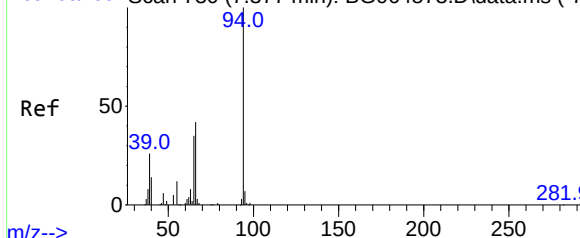
Abundance



Abundance Scan 724 (7.341 min): BG064618.D\data.ms (-70



Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



#10

Phenol

Concen: 40.664 ng

RT: 7.377 min Scan# 730

Delta R.T. -0.009 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion: 94 Resp: 134608

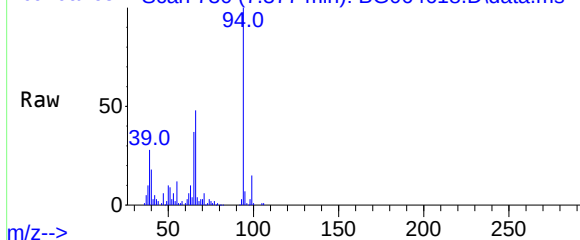
Ion Ratio Lower Upper

94 100

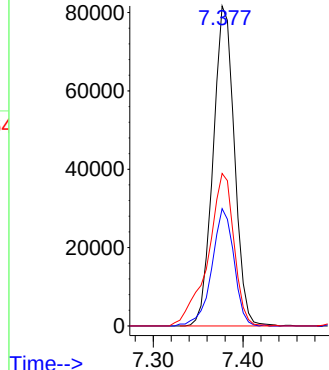
65 36.7 15.8 55.8

66 47.6 24.0 64.0

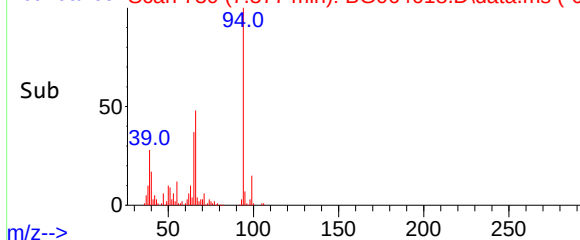
Abundance Scan 730 (7.377 min): BG064618.D\data.ms

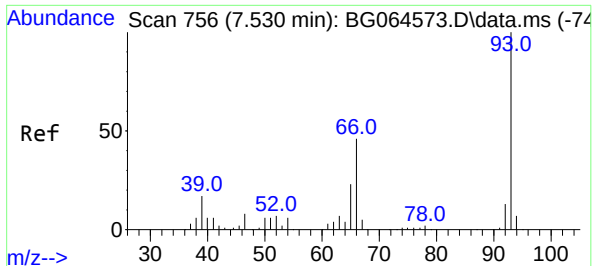


Abundance



Abundance Scan 730 (7.377 min): BG064618.D\data.ms (-64

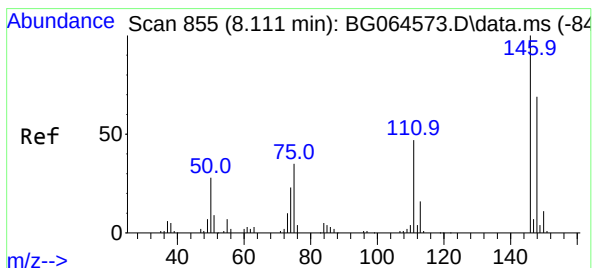
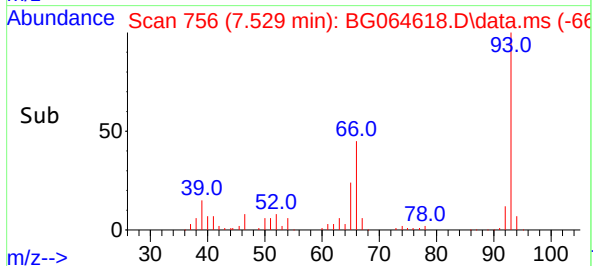
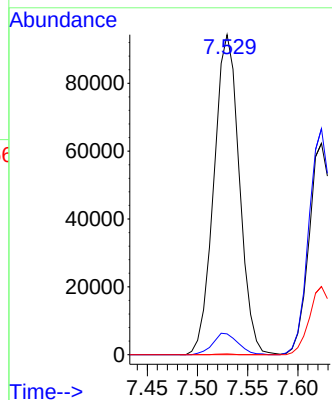
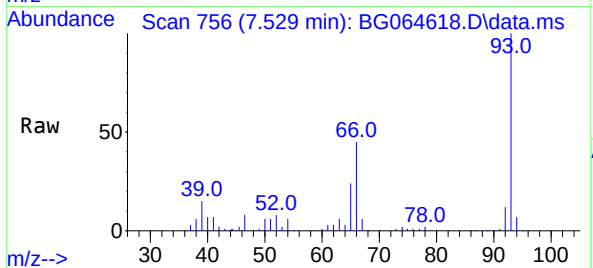




#11
bis(2-Chloroethyl)ether
Concen: 40.860 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

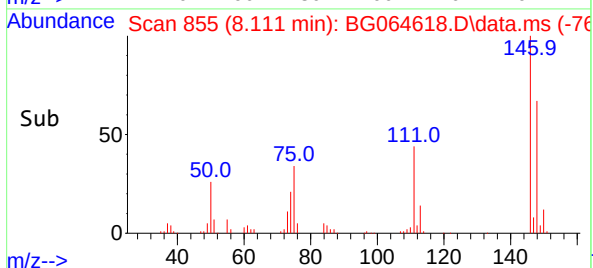
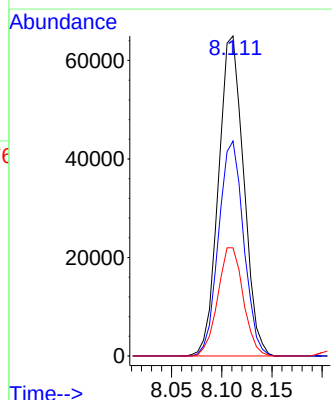
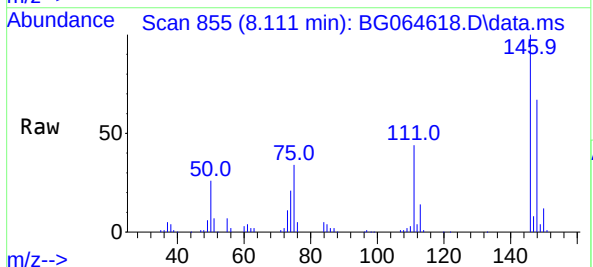
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 166421
Ion Ratio Lower Upper
93 100
63 6.5 0.0 27.4
95 0.2 0.0 20.2

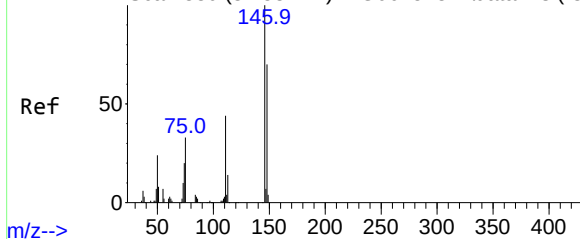


#12
1,3-Dichlorobenzene
Concen: 43.073 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:146 Resp: 113188
Ion Ratio Lower Upper
146 100
148 67.1 55.3 82.9
75 33.8 28.2 42.2

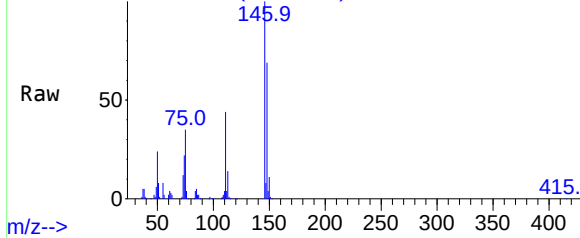


Abundance Scan 880 (8.258 min): BG064573.D\data.ms (-87



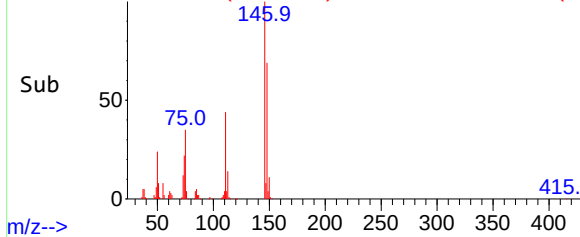
m/z-->

Abundance Scan 880 (8.258 min): BG064618.D\data.ms



m/z-->

Abundance Scan 880 (8.258 min): BG064618.D\data.ms (-78



m/z-->

#13

1,4-Dichlorobenzene

Concen: 42.552 ng

RT: 8.258 min Scan# 880

Delta R.T. 0.002 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 113697

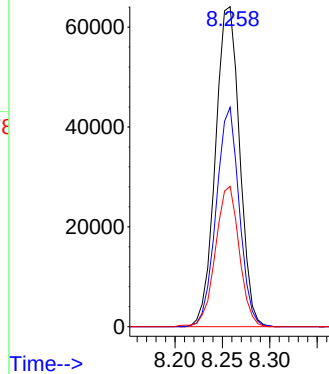
Ion Ratio Lower Upper

146 100

148 68.5 56.2 84.4

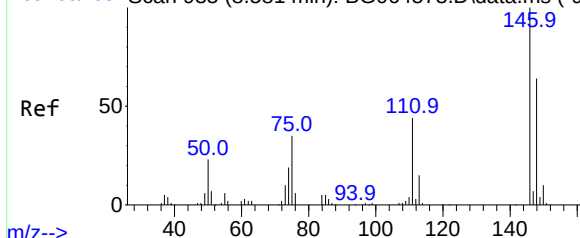
111 43.9 35.4 53.0

Abundance



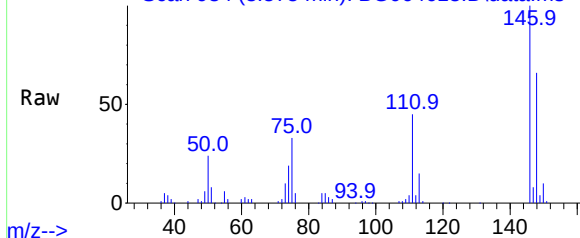
Time-->

Abundance Scan 935 (8.581 min): BG064573.D\data.ms (-92



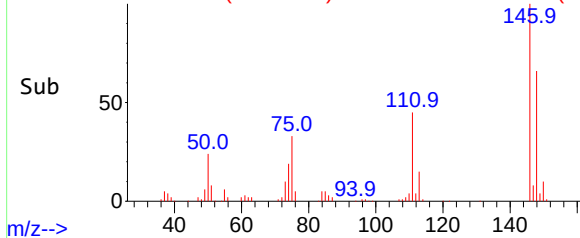
m/z-->

Abundance Scan 934 (8.575 min): BG064618.D\data.ms



m/z-->

Abundance Scan 934 (8.575 min): BG064618.D\data.ms (-84



m/z-->

#14

1,2-Dichlorobenzene

Concen: 43.105 ng

RT: 8.575 min Scan# 934

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:146 Resp: 111091

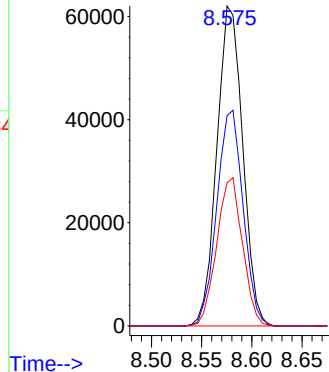
Ion Ratio Lower Upper

146 100

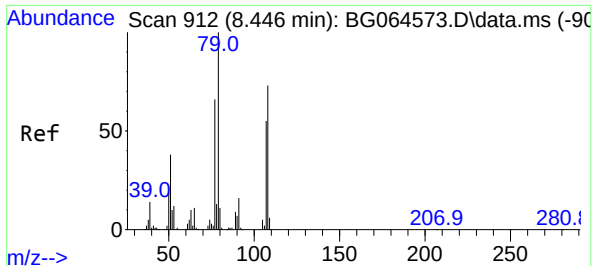
148 65.8 51.5 77.3

111 44.8 35.0 52.6

Abundance



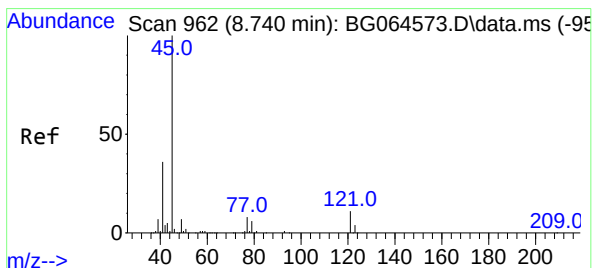
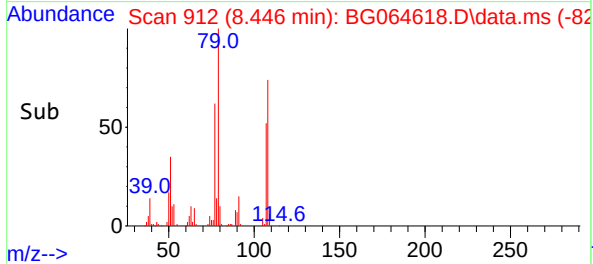
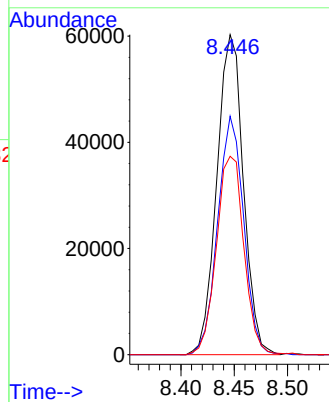
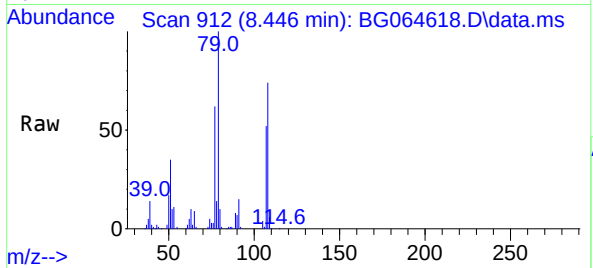
Time-->



#15
Benzyl Alcohol
Concen: 42.201 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

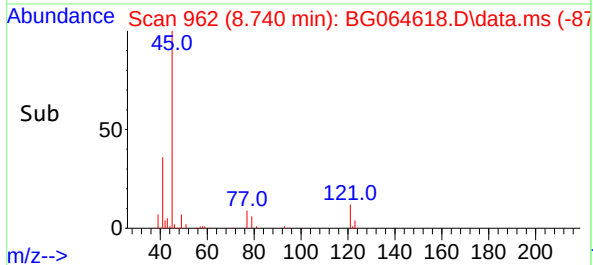
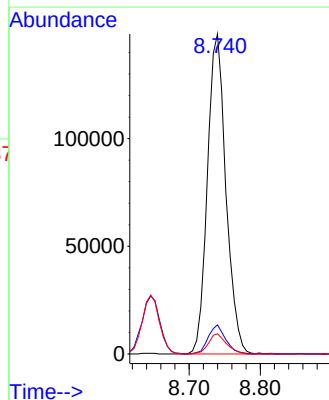
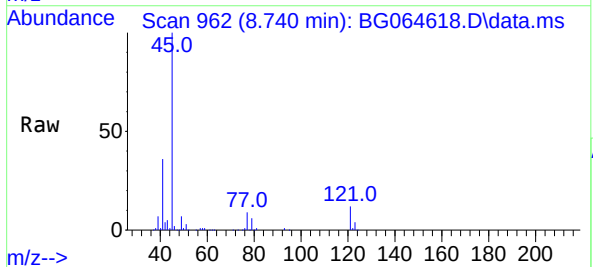
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

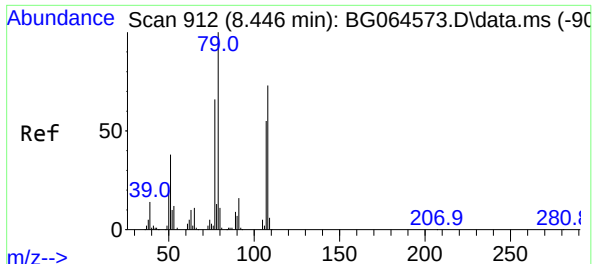
Tgt Ion: 79 Resp: 104162
Ion Ratio Lower Upper
79 100
108 74.5 58.1 87.1
77 62.0 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.138 ng
RT: 8.740 min Scan# 962
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion: 45 Resp: 269007
Ion Ratio Lower Upper
45 100
77 9.1 0.0 28.5
79 6.3 0.0 25.6





#17

2-Methylphenol

Concen: 42.752 ng

RT: 8.446 min Scan# 912

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

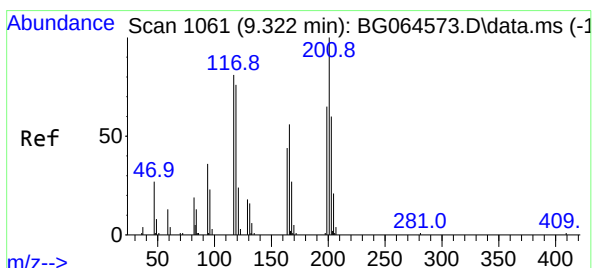
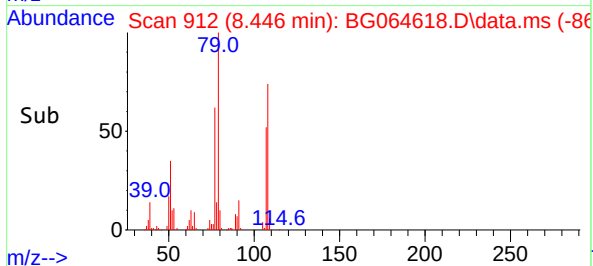
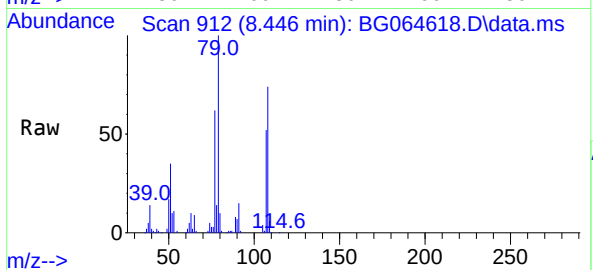
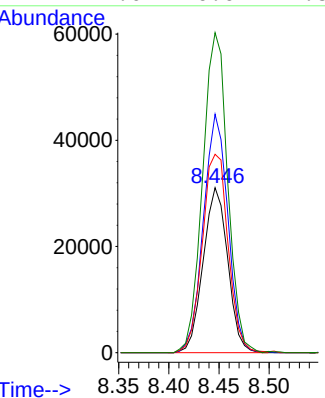
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 52746

Ion	Ratio	Lower	Upper
107	100		
108	144.5	106.4	159.6
77	120.3	96.7	145.1
79	194.0	146.6	219.8



#18

Hexachloroethane

Concen: 44.282 ng

RT: 9.321 min Scan# 1061

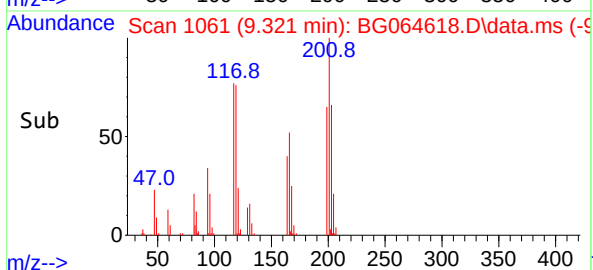
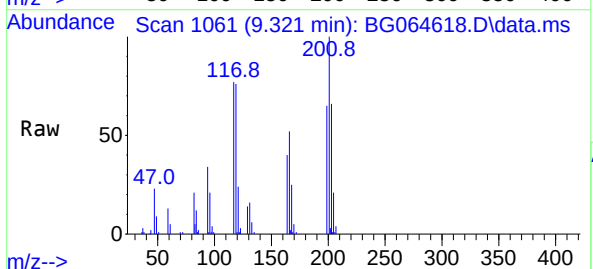
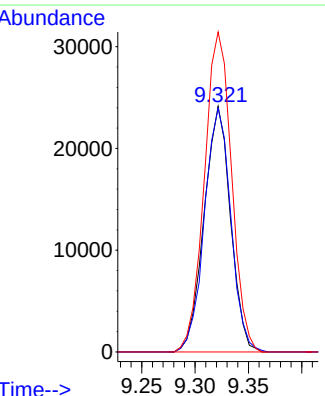
Delta R.T. -0.004 min

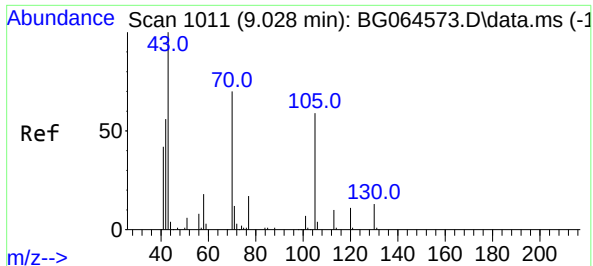
Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:117 Resp: 41522

Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.4	113.2
201	130.3	99.2	148.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.275 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.009 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 89519

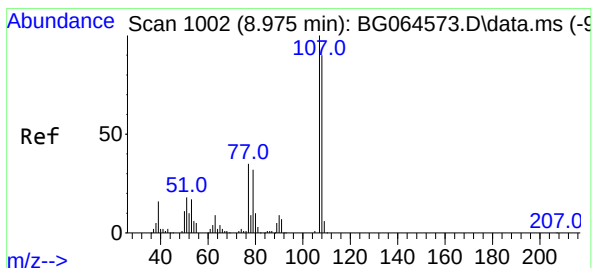
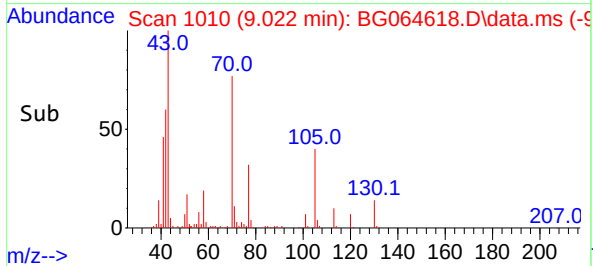
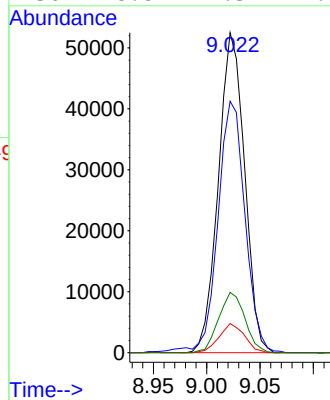
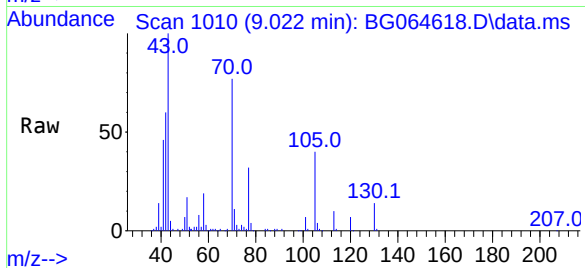
Ion Ratio Lower Upper

70 100

42 78.6 65.2 97.8

101 9.1 7.9 11.9

130 18.8 14.3 21.5



#20

3+4-Methylphenols

Concen: 41.279 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.010 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:107 Resp: 127586

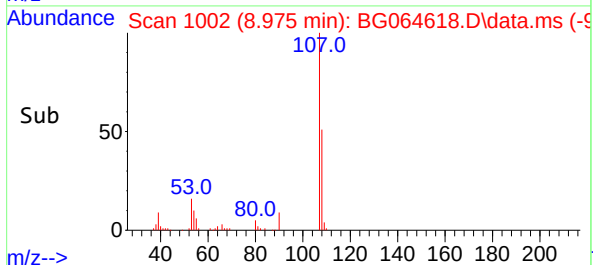
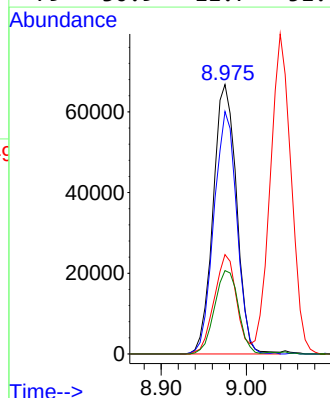
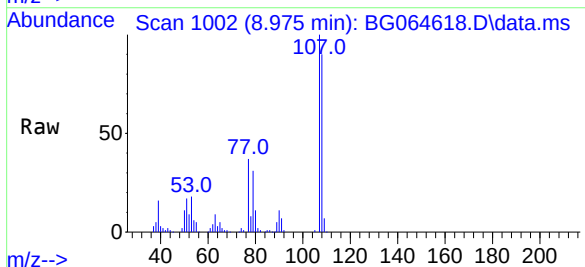
Ion Ratio Lower Upper

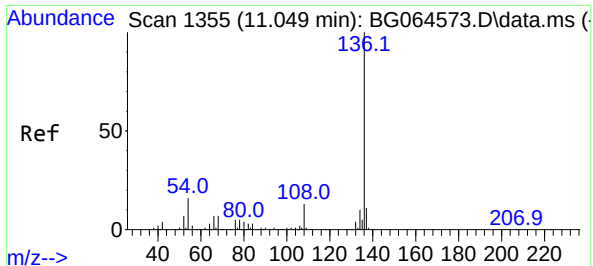
107 100

108 90.0 70.3 110.3

77 36.9 14.6 54.6

79 30.9 11.7 51.7

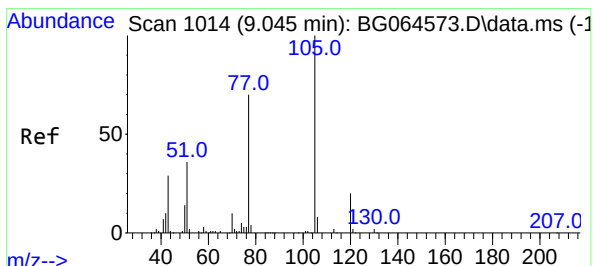
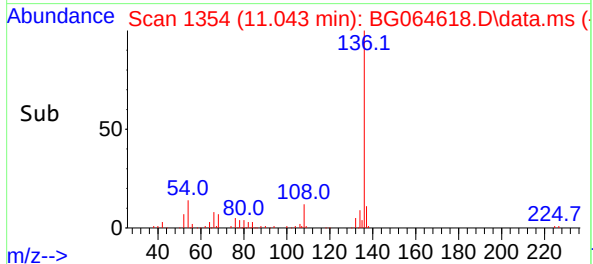
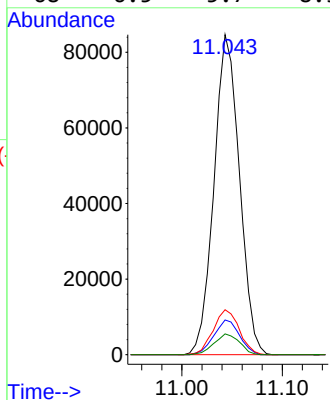
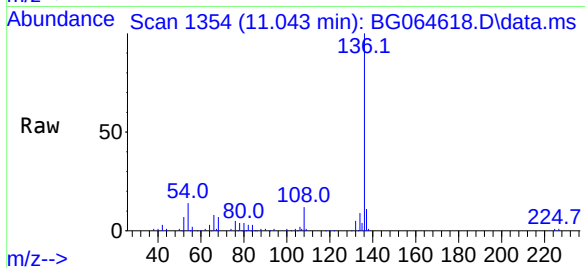




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

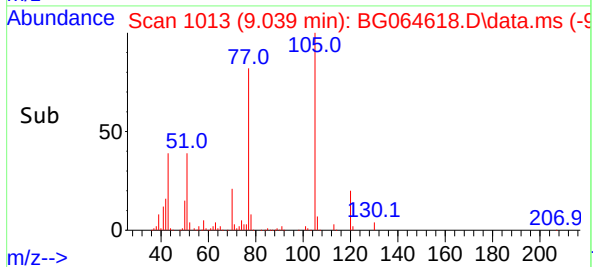
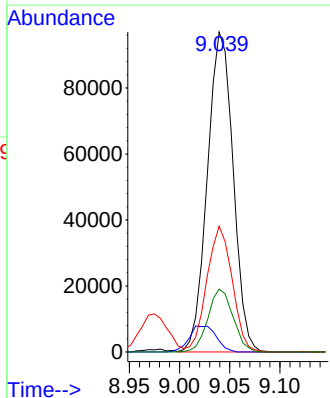
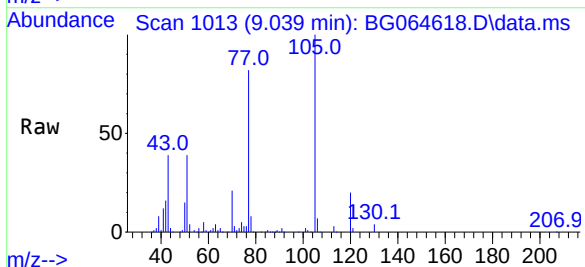
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

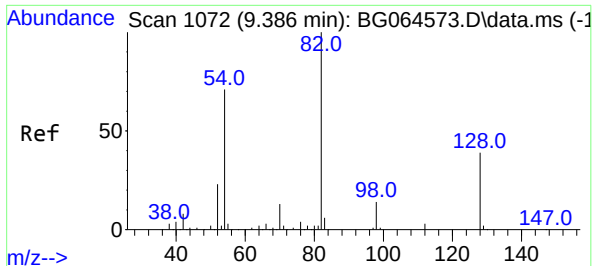
Tgt Ion:136 Resp: 148961
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 14.0 12.6 19.0
68 6.5 5.7 8.5



#22
Acetophenone
Concen: 42.523 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:105 Resp: 173153
Ion Ratio Lower Upper
105 100
71 3.5 1.5 2.3#
51 39.3 33.7 50.5
120 19.6 16.1 24.1





#23

Nitrobenzene-d5

Concen: 96.333 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

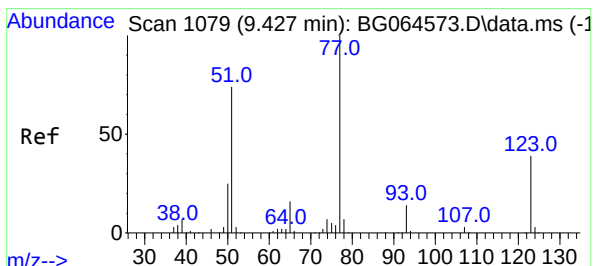
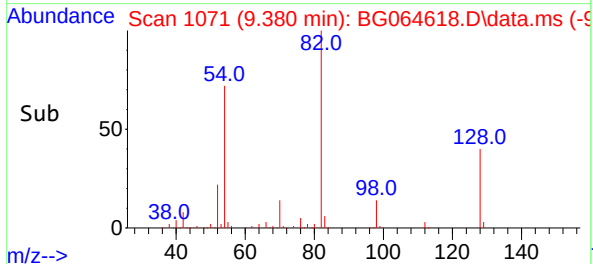
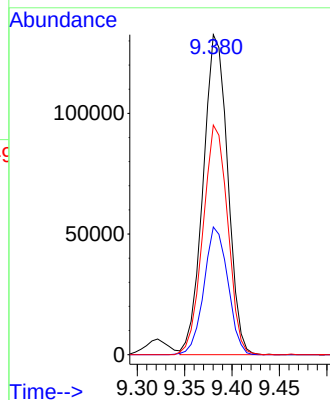
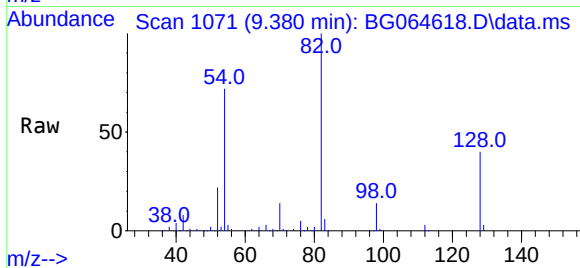
Tgt Ion: 82 Resp: 238914

Ion Ratio Lower Upper

82 100

128 39.9 31.3 46.9

54 71.7 56.6 84.8



#24

Nitrobenzene

Concen: 47.355 ng

RT: 9.427 min Scan# 1079

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

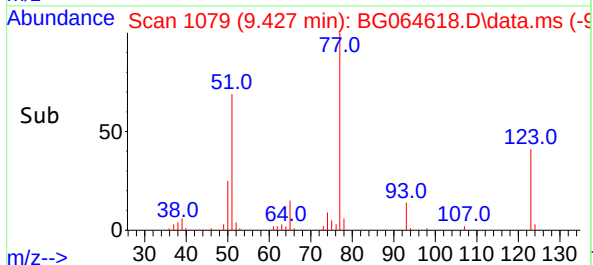
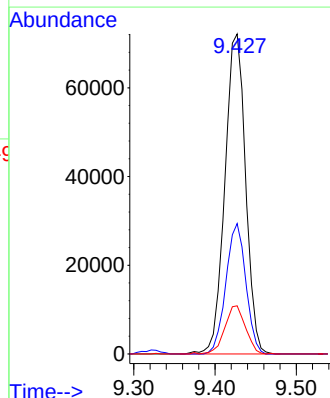
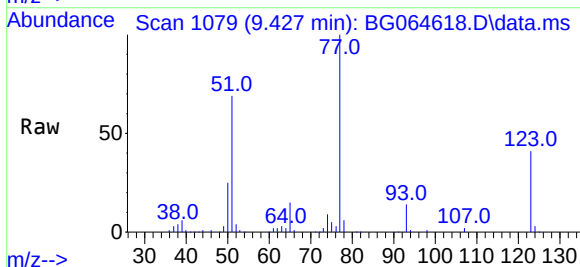
Tgt Ion: 77 Resp: 127739

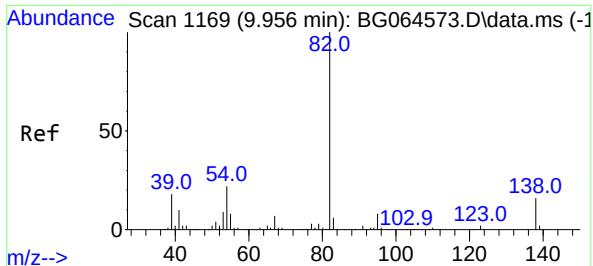
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 15.0 12.7 19.1

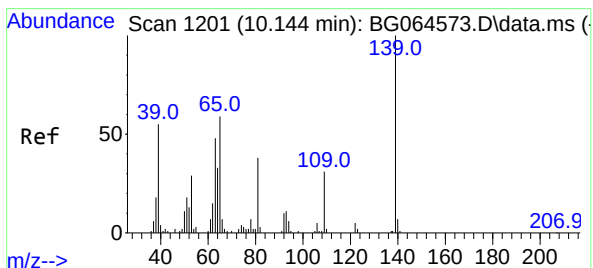
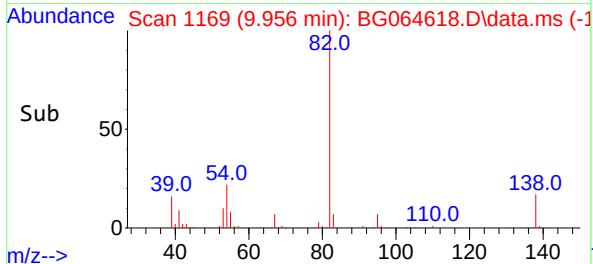
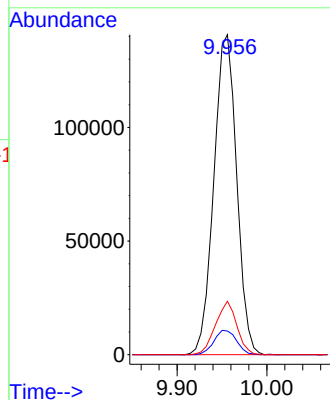
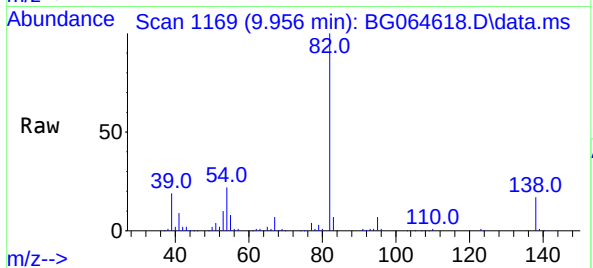




#25
Isophorone
Concen: 41.695 ng
RT: 9.956 min Scan# 1169
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

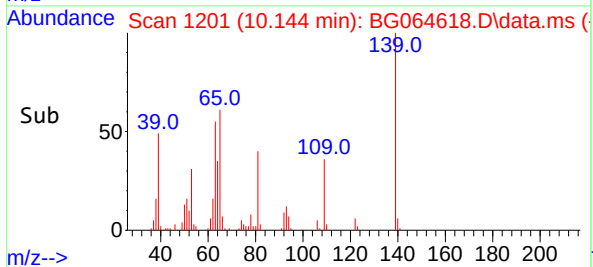
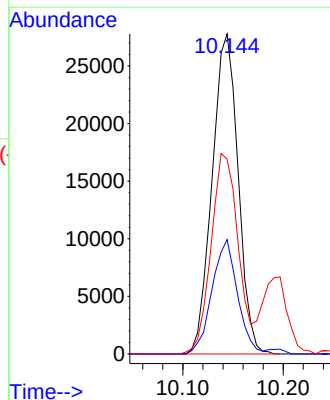
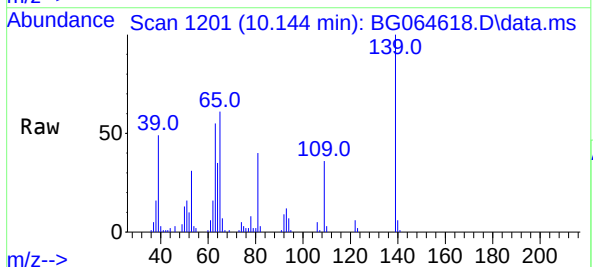
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

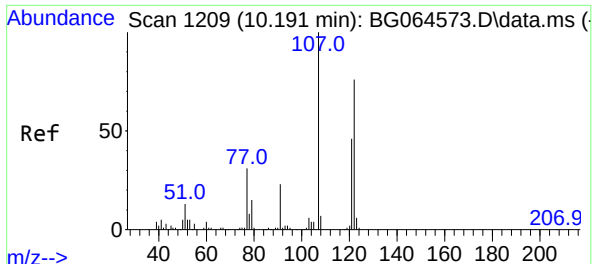
Tgt Ion: 82 Resp: 248133
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.7 13.0 19.4



#26
2-Nitrophenol
Concen: 47.979 ng
RT: 10.144 min Scan# 1201
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:139 Resp: 49935
Ion Ratio Lower Upper
139 100
109 35.8 24.6 37.0
65 60.9 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 41.002 ng

RT: 10.191 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

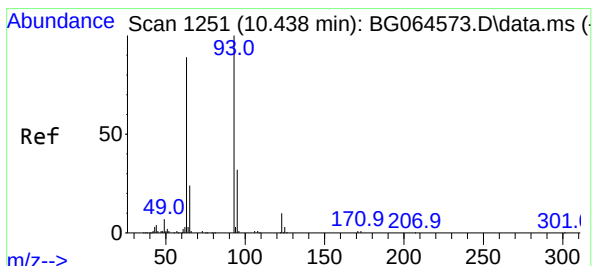
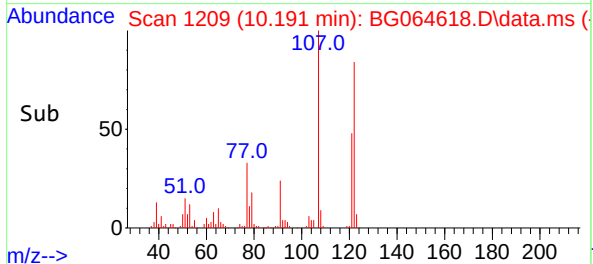
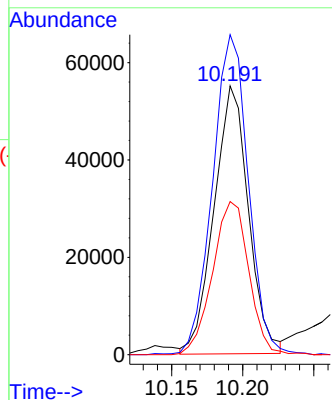
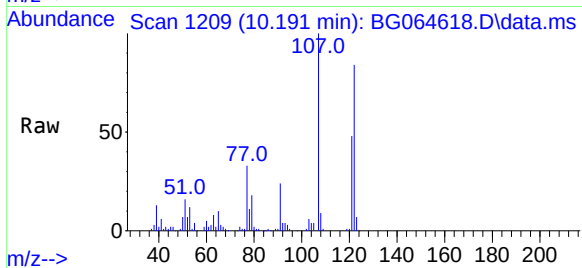
Tgt Ion:122 Resp: 92582

Ion Ratio Lower Upper

122 100

107 119.1 103.0 154.4

121 57.0 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.170 ng

RT: 10.432 min Scan# 1250

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

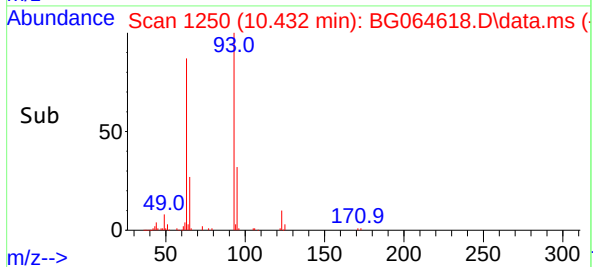
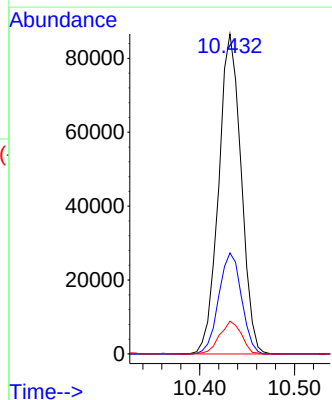
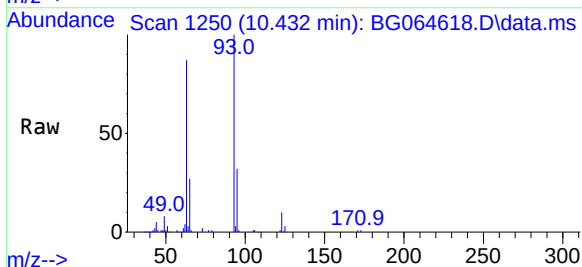
Tgt Ion: 93 Resp: 142887

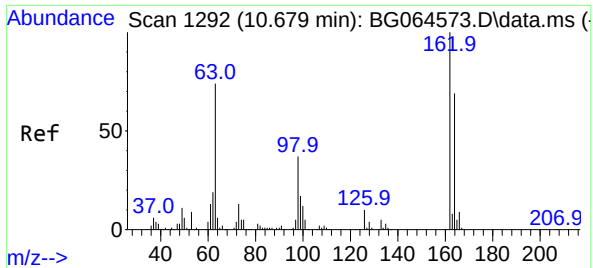
Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.2

123 10.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 44.058 ng

RT: 10.679 min Scan# 1292

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

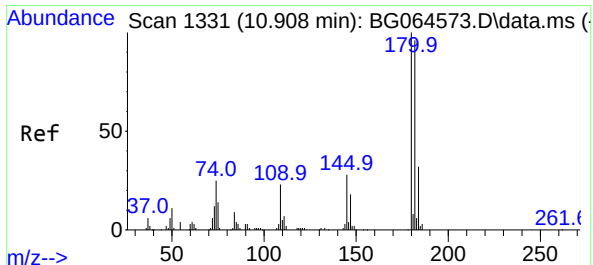
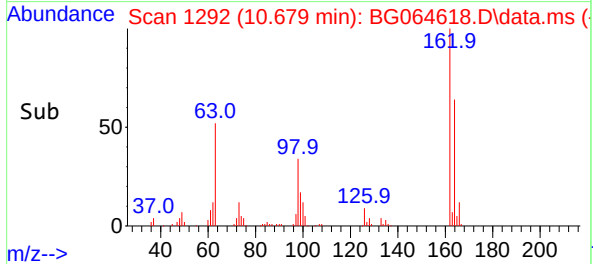
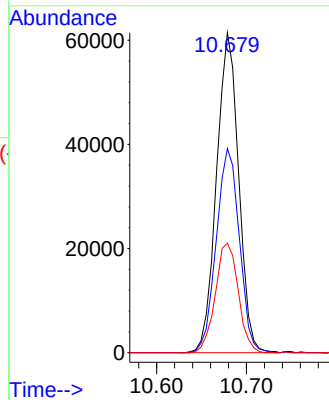
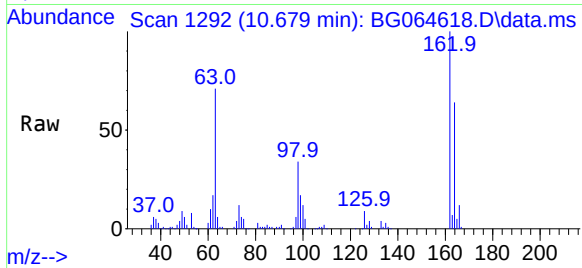
Tgt Ion:162 Resp: 104960

Ion Ratio Lower Upper

162 100

164 63.8 48.7 88.7

98 34.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 43.927 ng

RT: 10.902 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

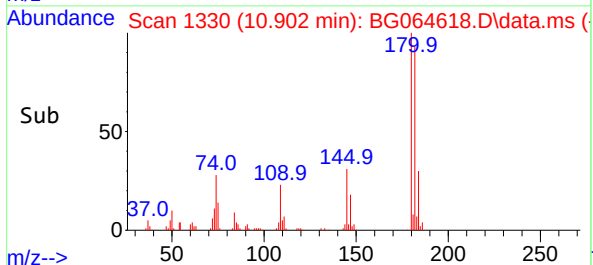
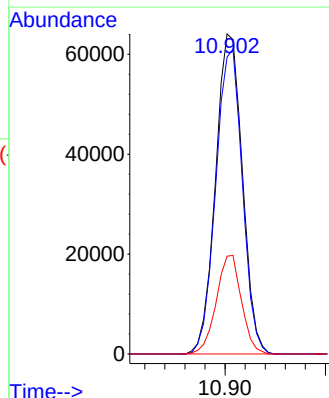
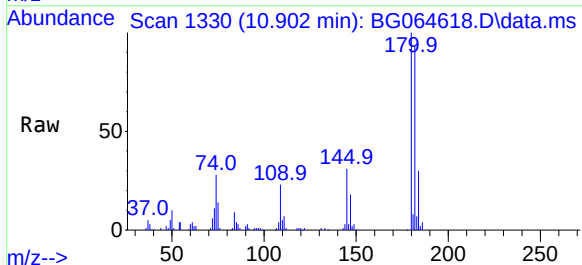
Tgt Ion:180 Resp: 118900

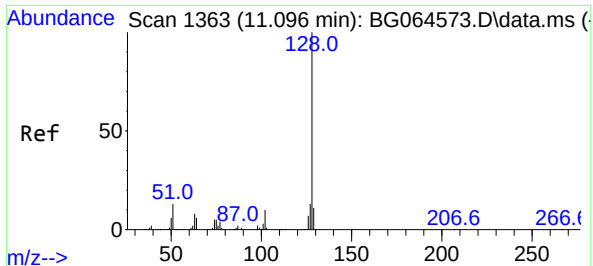
Ion Ratio Lower Upper

180 100

182 92.8 76.9 115.3

145 30.5 22.1 33.1





#31

Naphthalene

Concen: 41.819 ng

RT: 11.096 min Scan# 1363

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

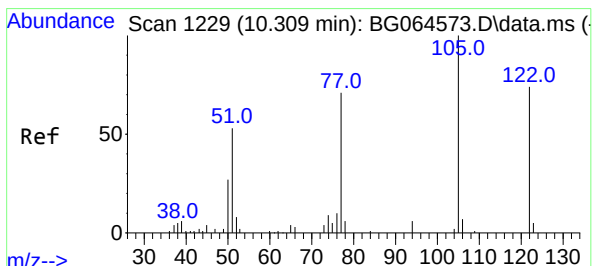
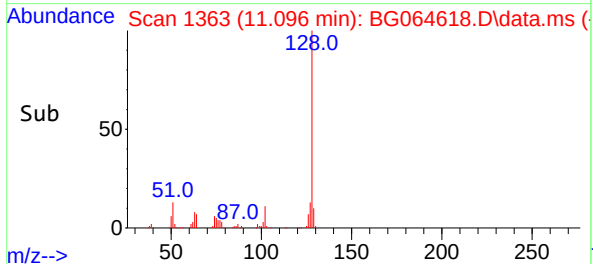
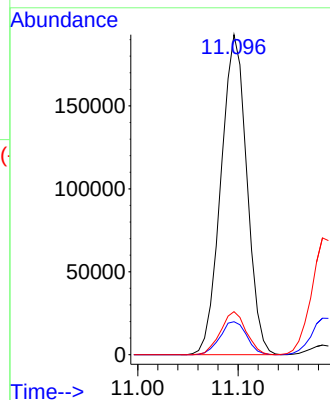
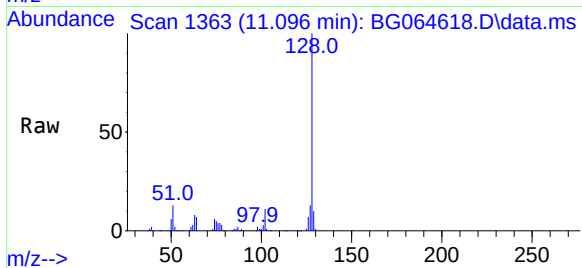
Tgt Ion:128 Resp: 345379

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 38.781 ng

RT: 10.309 min Scan# 1229

Delta R.T. -0.033 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

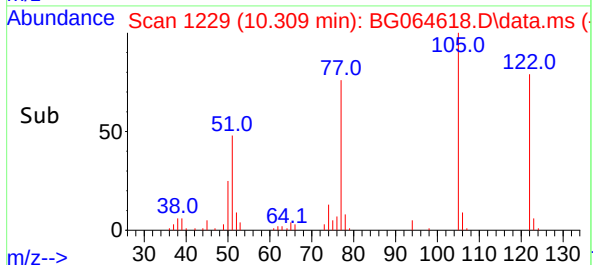
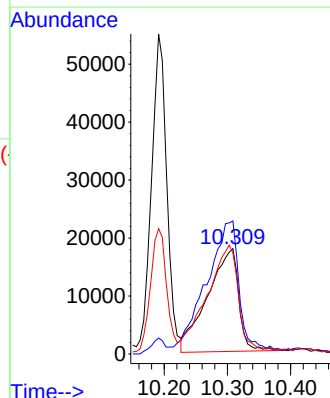
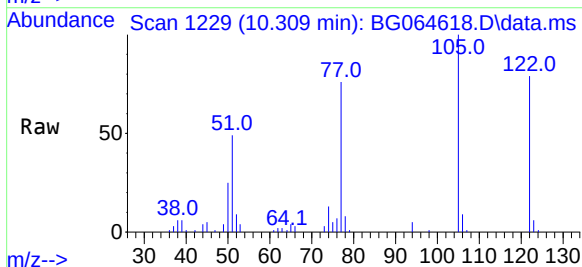
Tgt Ion:122 Resp: 60590

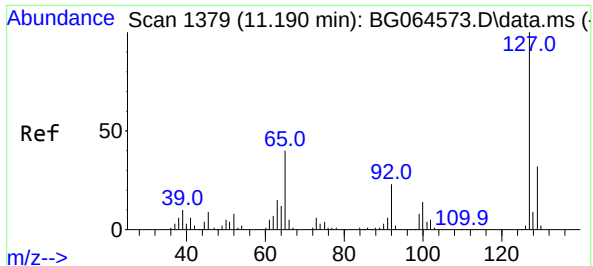
Ion Ratio Lower Upper

122 100

105 126.4 104.2 144.2

77 96.1 70.2 110.2



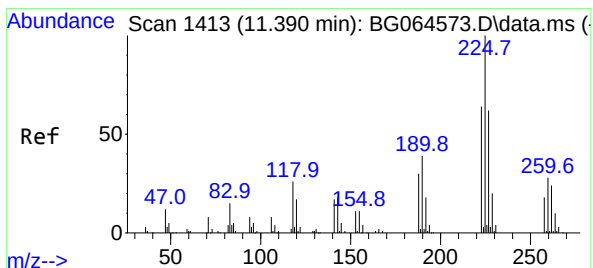
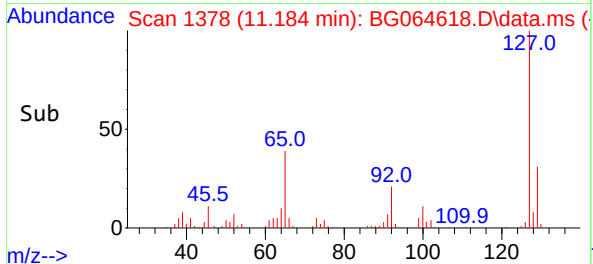
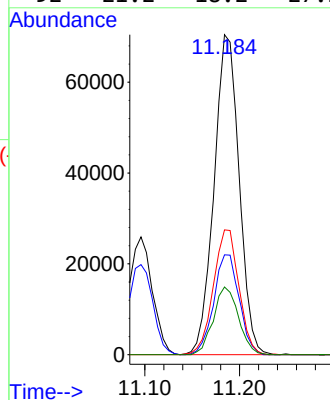
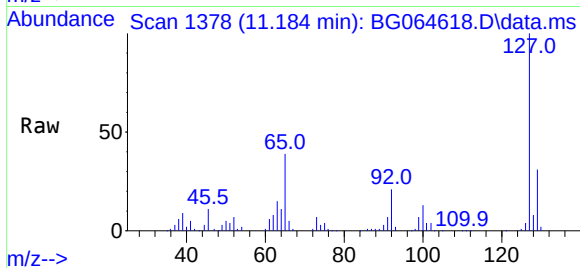


#33
4-Chloroaniline
Concen: 40.373 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 129600

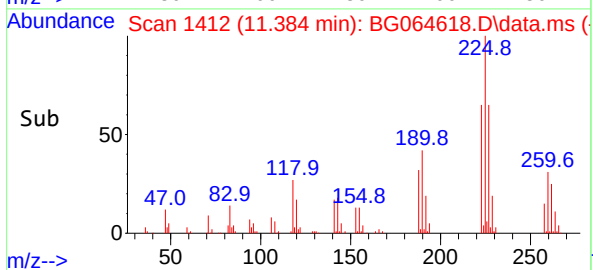
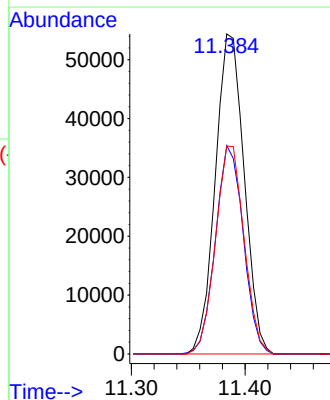
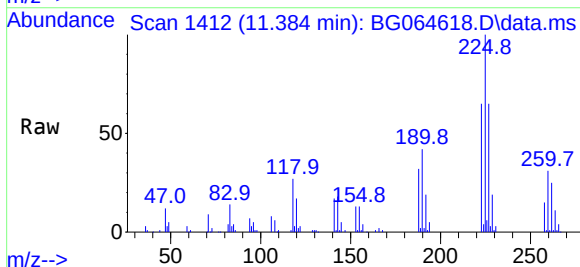
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.5	38.3
65	39.0	32.2	48.4
92	21.2	18.2	27.2

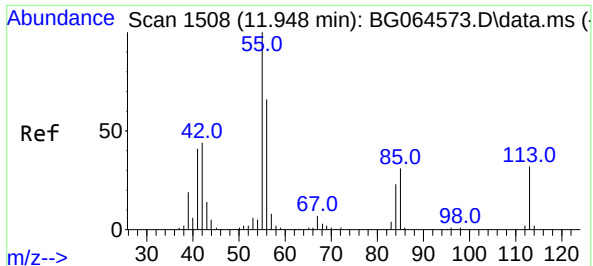


#34
Hexachlorobutadiene
Concen: 45.306 ng
RT: 11.384 min Scan# 1412
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:225 Resp: 95906

Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	64.3	49.5	74.3

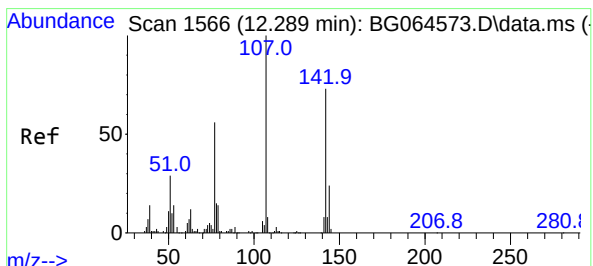
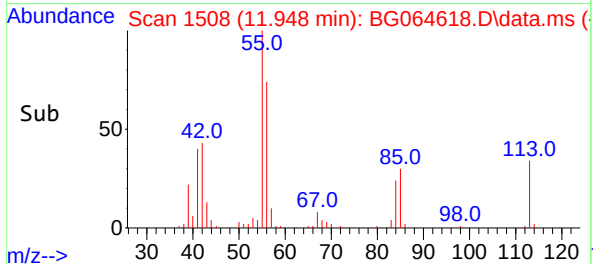
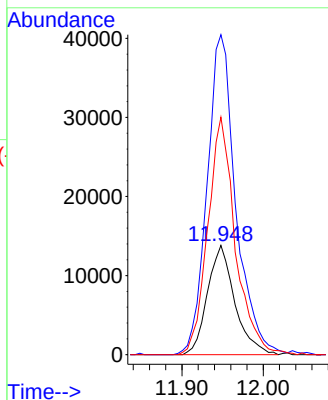
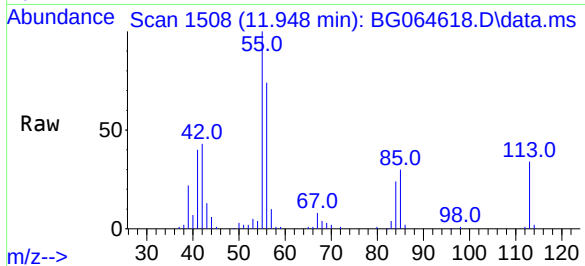




#35
Caprolactam
Concen: 35.362 ng
RT: 11.948 min Scan# 1508
Delta R.T. -0.027 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

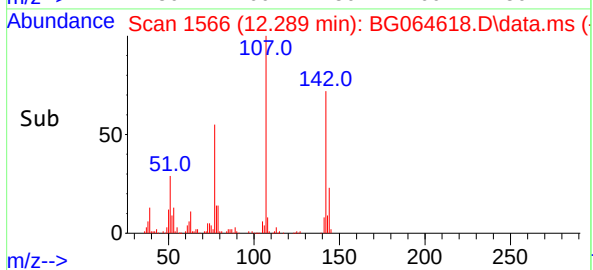
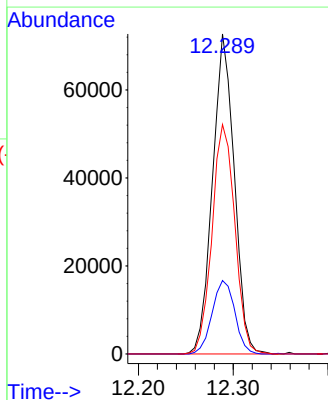
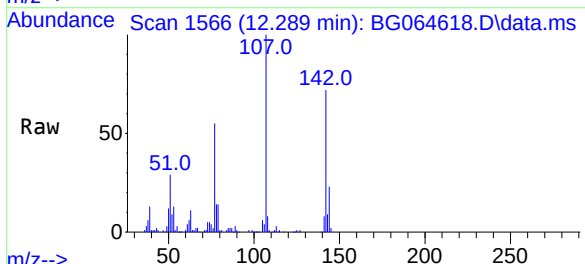
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

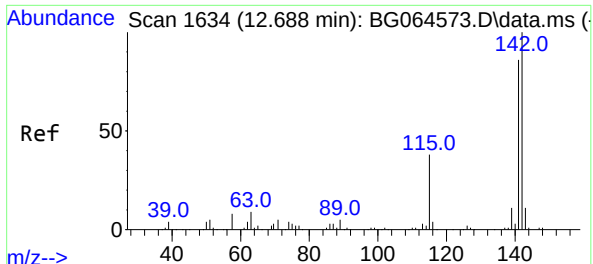
Tgt Ion:113 Resp: 32311
Ion Ratio Lower Upper
113 100
55 292.9 290.1 330.1
56 217.3 183.8 223.8



#36
4-Chloro-3-methylphenol
Concen: 40.462 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:107 Resp: 115865
Ion Ratio Lower Upper
107 100
144 23.0 19.1 28.7
142 71.7 58.6 87.8

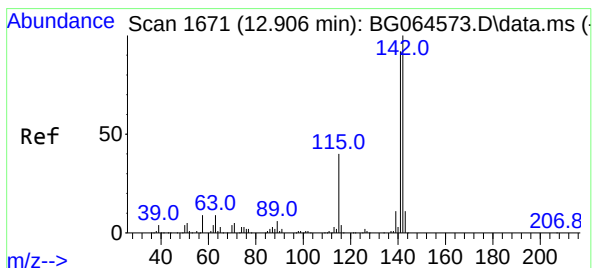
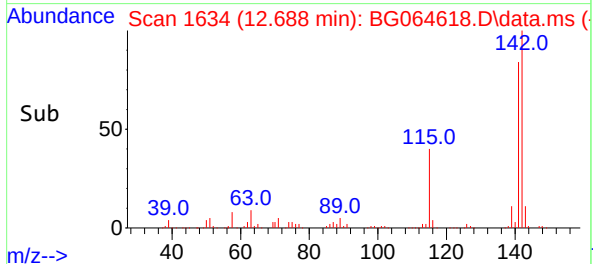
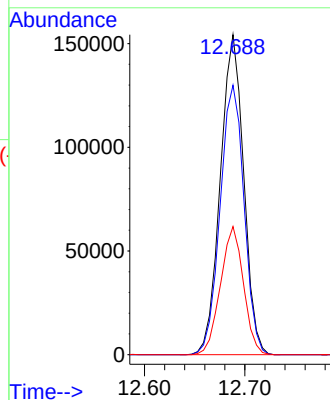
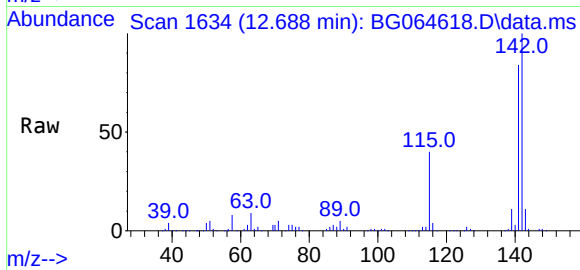




#37
2-Methylnaphthalene
Concen: 41.085 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

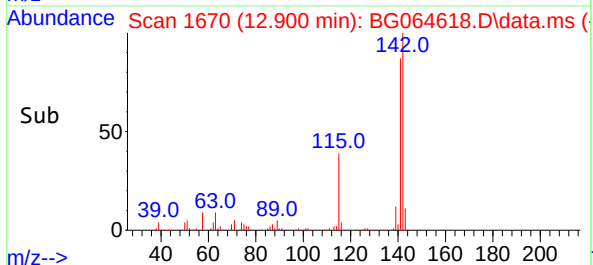
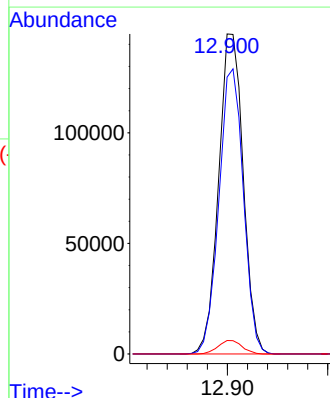
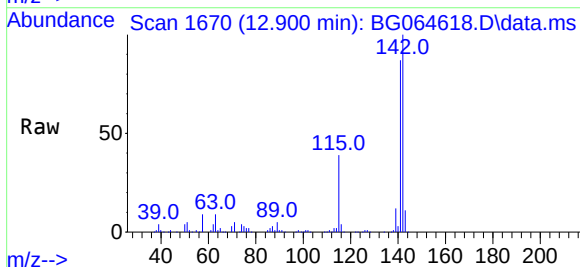
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

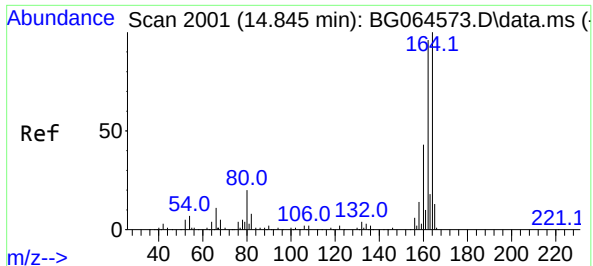
Tgt Ion:142 Resp: 249124
Ion Ratio Lower Upper
142 100
141 84.2 68.9 103.3
115 40.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.190 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:142 Resp: 245754
Ion Ratio Lower Upper
142 100
141 86.5 73.3 109.9
116 4.2 3.1 4.7

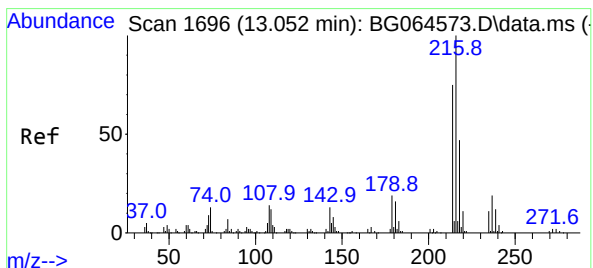
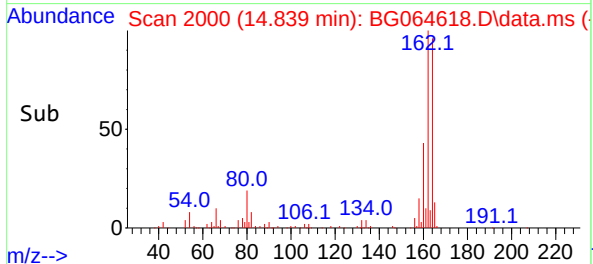
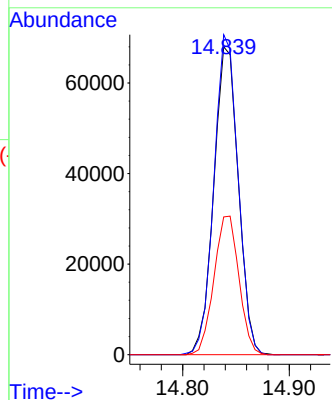
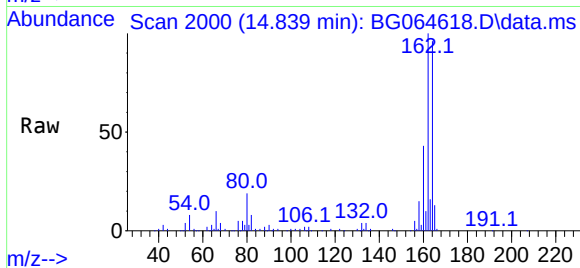




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

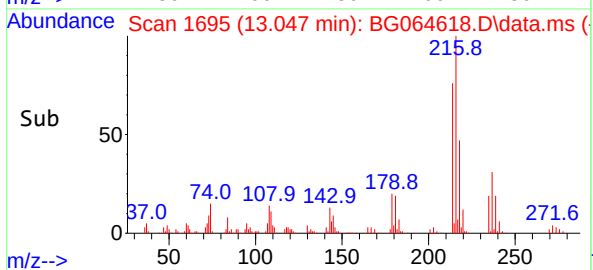
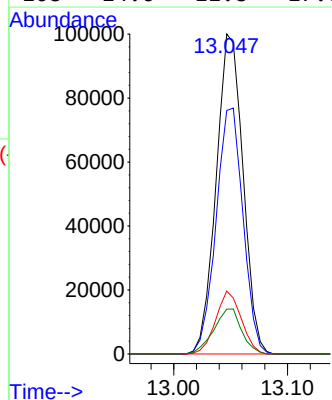
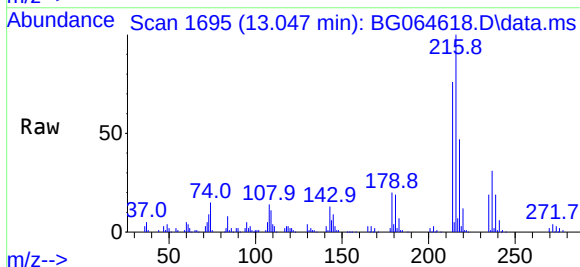
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

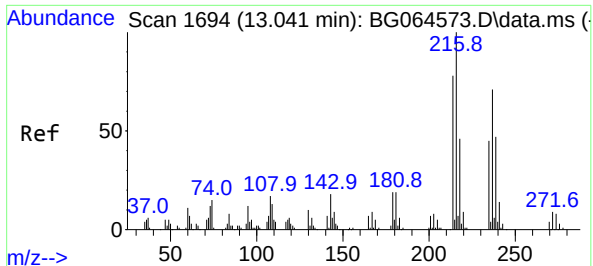
Tgt Ion:164 Resp: 108882
Ion Ratio Lower Upper
164 100
162 104.0 77.0 115.6
160 44.7 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.962 ng
RT: 13.047 min Scan# 1695
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:216 Resp: 164299
Ion Ratio Lower Upper
216 100
214 77.0 61.4 92.2
179 18.6 15.4 23.0
108 14.6 11.8 17.6

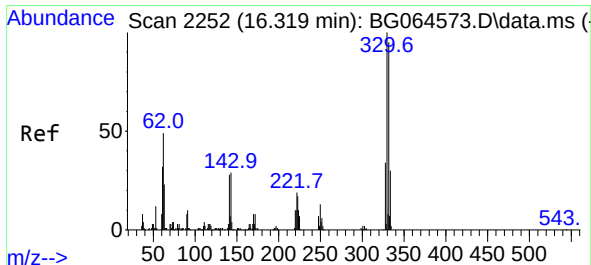
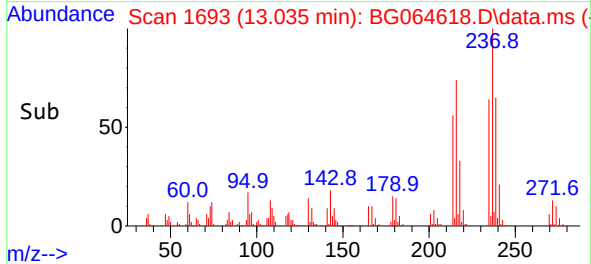
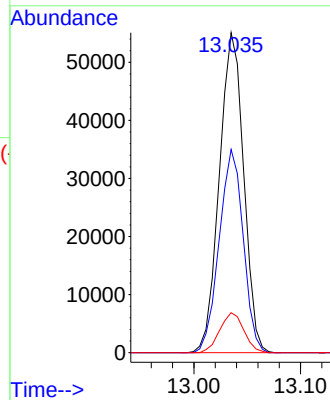
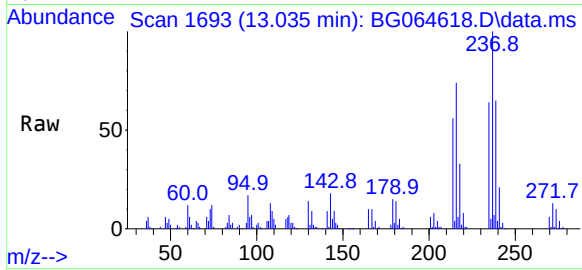




#41
Hexachlorocyclopentadiene
Concen: 52.985 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

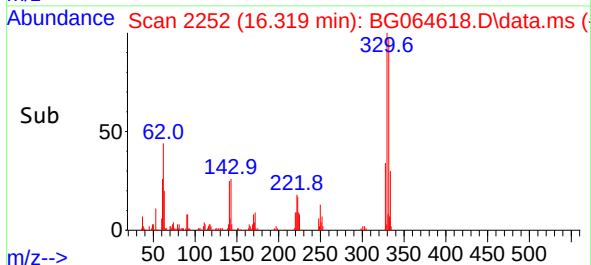
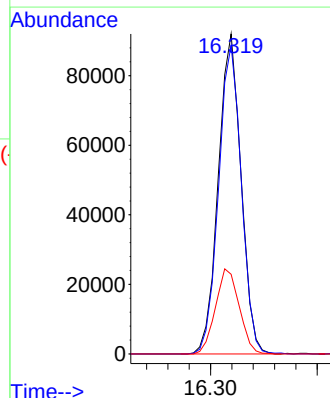
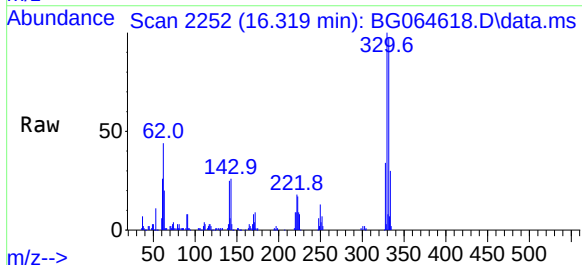
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.1	84.1
272	12.5	0.0	32.4

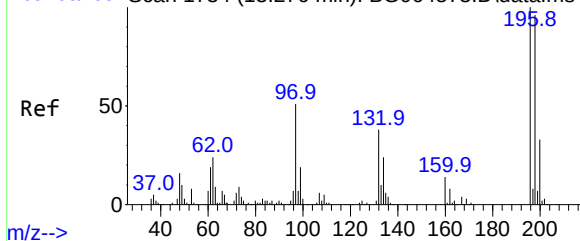


#42
2,4,6-Tribromophenol
Concen: 86.403 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	27.8	21.8	32.6



Abundance Scan 1734 (13.276 min): BG064573.D\data.ms (

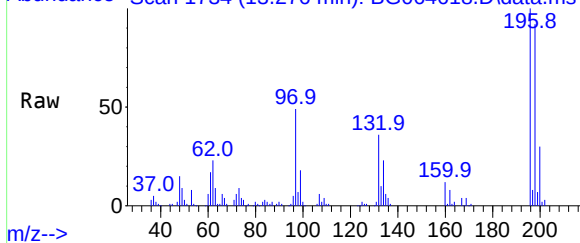


#43
2,4,6-Trichlorophenol
Concen: 47.391 ng
RT: 13.276 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

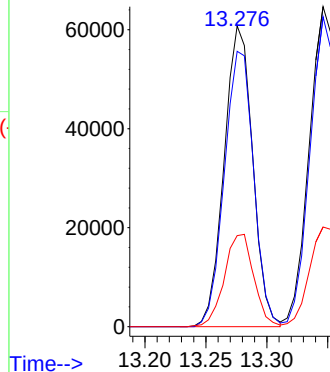
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	196	198	200
Resp:	99057		
Ion Ratio	100	91.5	30.3
Lower		76.6	26.0
Upper		115.0	39.0

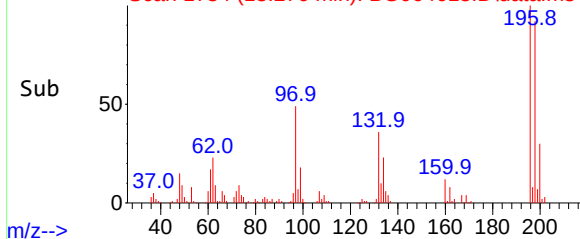
Abundance Scan 1734 (13.276 min): BG064618.D\data.ms



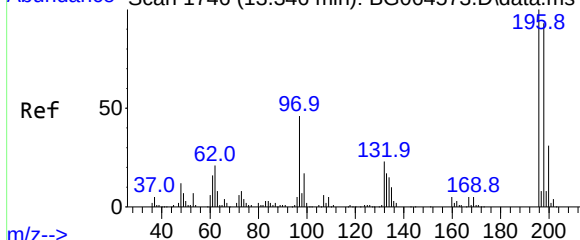
Abundance



Abundance Scan 1734 (13.276 min): BG064618.D\data.ms (



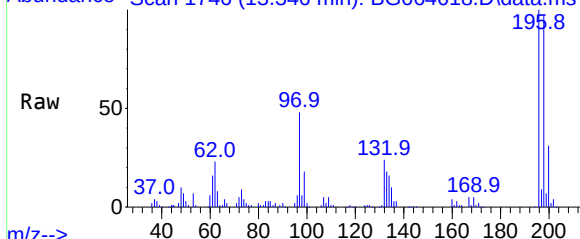
Abundance Scan 1746 (13.346 min): BG064573.D\data.ms (



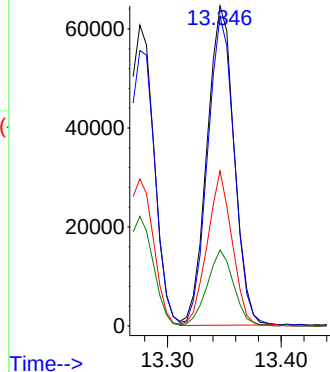
#44
2,4,5-Trichlorophenol
Concen: 44.415 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion	196	198	97	132
Resp:	107132			
Ion Ratio	100	96.8	48.4	23.8
Lower		74.2	37.0	18.5
Upper		111.4	55.6	27.7

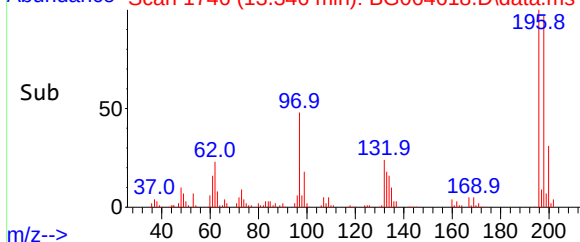
Abundance Scan 1746 (13.346 min): BG064618.D\data.ms

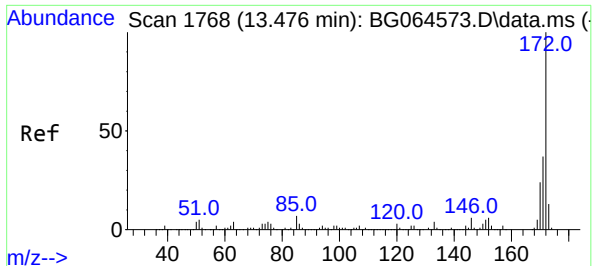


Abundance



Abundance Scan 1746 (13.346 min): BG064618.D\data.ms (

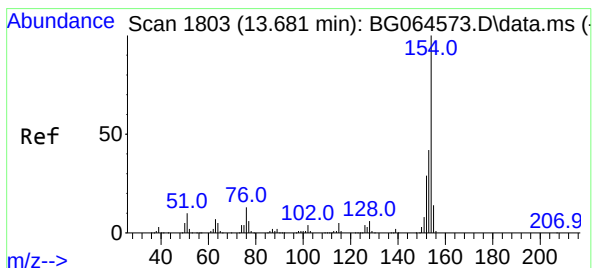
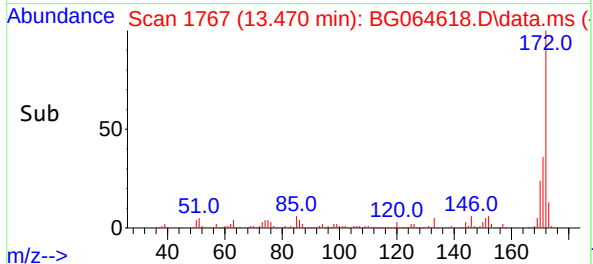
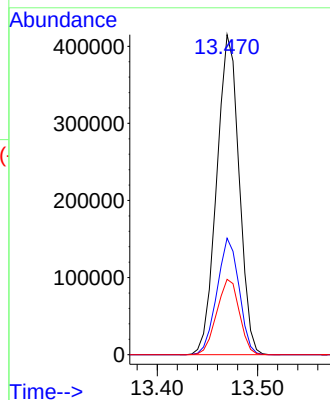
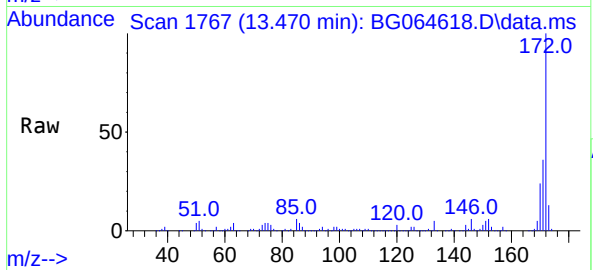




#45
2-Fluorobiphenyl
Concen: 89.318 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

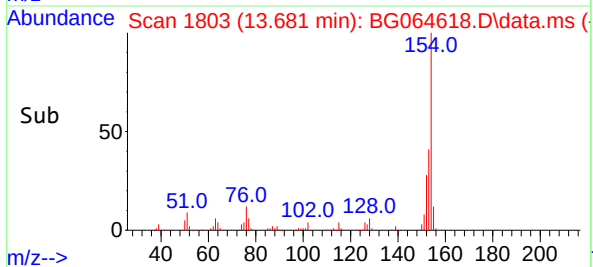
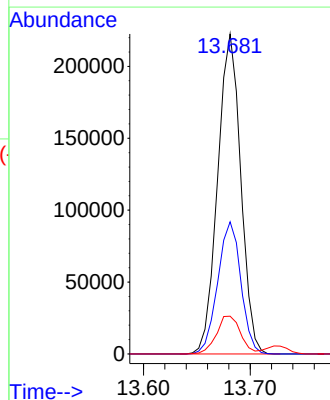
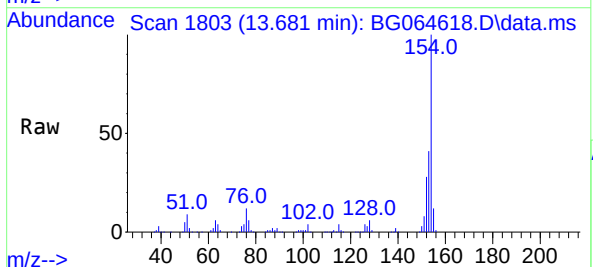
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

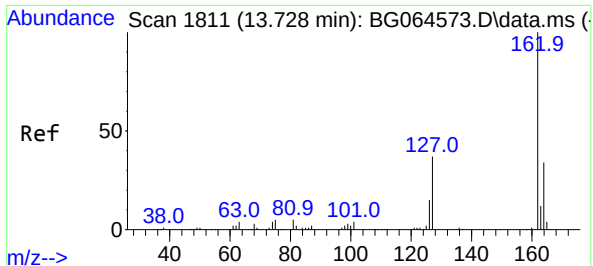
Tgt Ion:172 Resp: 641606
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.180 ng
RT: 13.681 min Scan# 1803
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:154 Resp: 334243
Ion Ratio Lower Upper
154 100
153 41.3 22.4 62.4
76 11.8 0.0 33.5

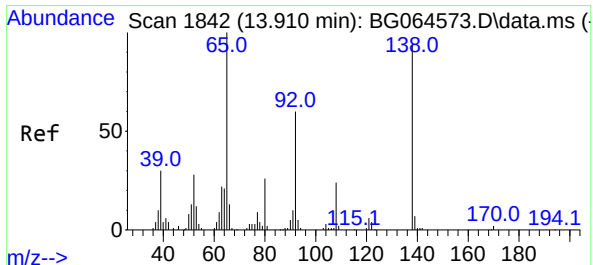
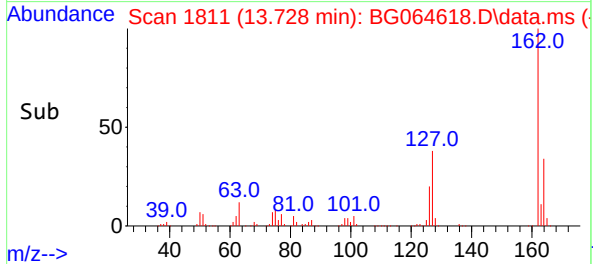
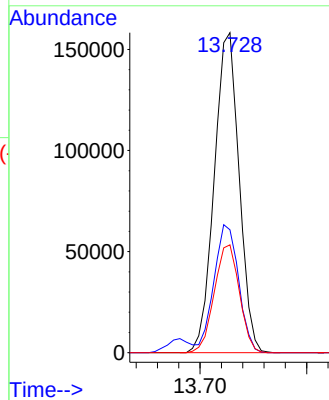
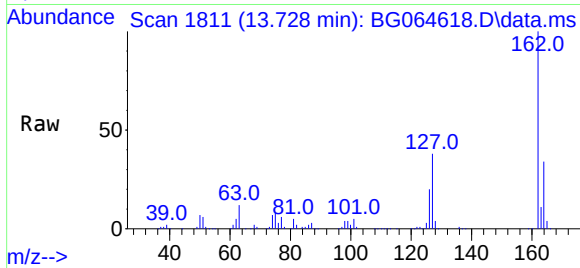




#47
2-Chloronaphthalene
Concen: 43.804 ng
RT: 13.728 min Scan# 1811
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

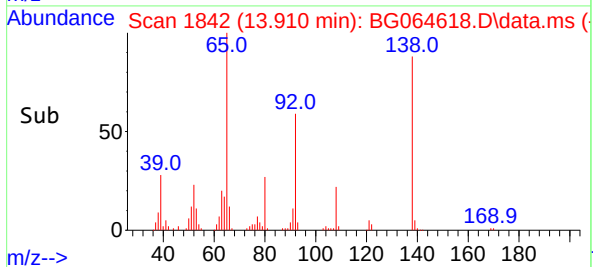
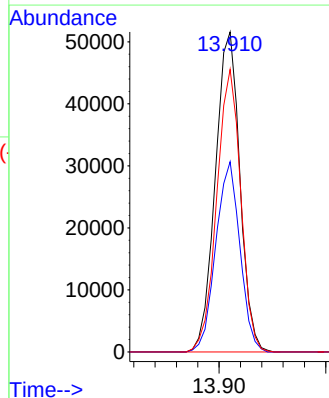
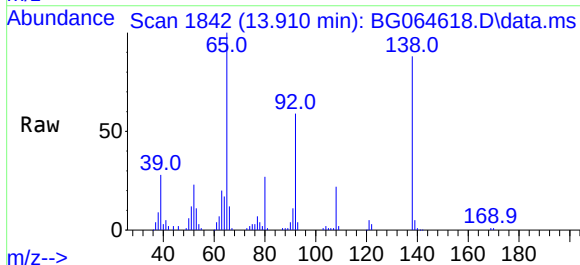
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	162	Resp:	255946
Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.2
164	33.7	27.5	41.3

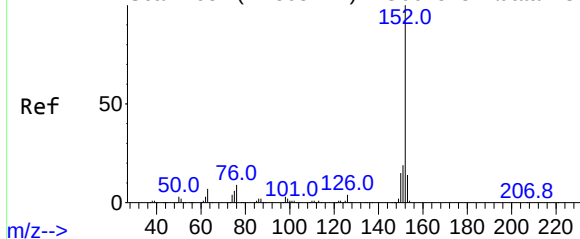


#48
2-Nitroaniline
Concen: 42.351 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:	65	Resp:	82275
Ion	Ratio	Lower	Upper
65	100		
92	59.5	48.3	72.5
138	88.3	74.9	112.3



Abundance Scan 1954 (14.568 min): BG064573.D\data.ms (



#49

Acenaphthylene

Concen: 41.830 ng

RT: 14.562 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 385513

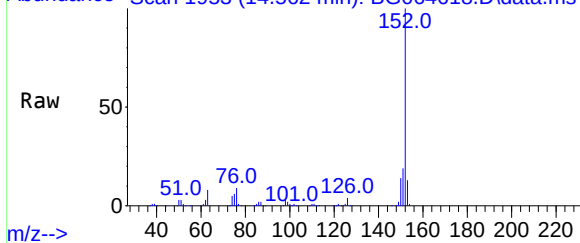
Ion Ratio Lower Upper

152 100

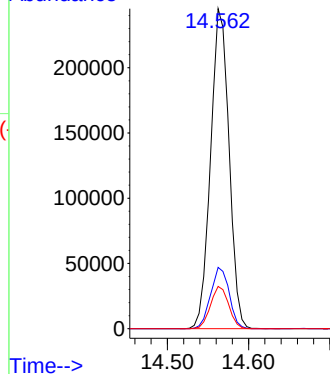
151 19.2 15.4 23.2

153 13.2 11.0 16.4

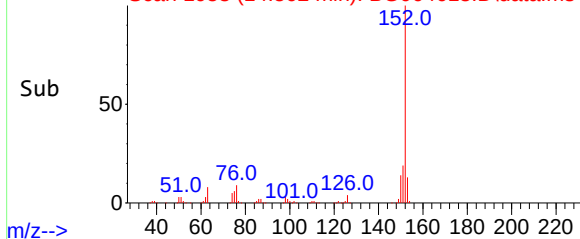
Abundance Scan 1953 (14.562 min): BG064618.D\data.ms



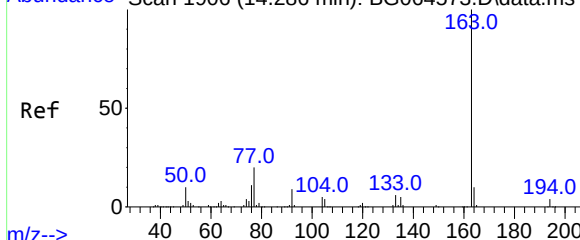
Abundance



Abundance Scan 1953 (14.562 min): BG064618.D\data.ms (



Abundance Scan 1906 (14.286 min): BG064573.D\data.ms (



#50

Dimethylphthalate

Concen: 40.572 ng

RT: 14.280 min Scan# 1905

Delta R.T. -0.010 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:163 Resp: 338032

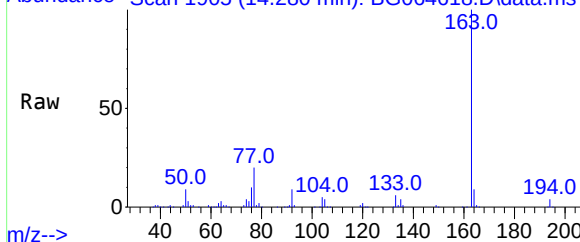
Ion Ratio Lower Upper

163 100

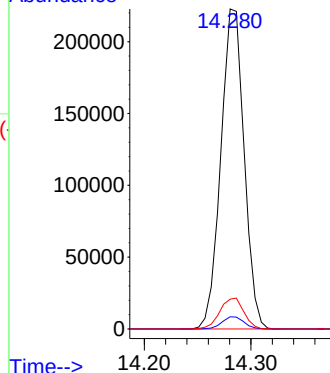
194 3.8 2.8 4.2

164 9.3 7.7 11.5

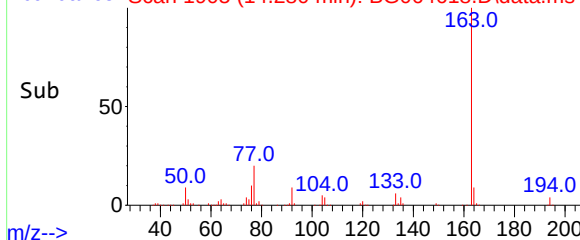
Abundance Scan 1905 (14.280 min): BG064618.D\data.ms

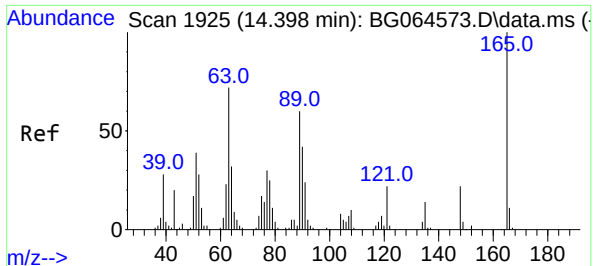


Abundance



Abundance Scan 1905 (14.280 min): BG064618.D\data.ms (

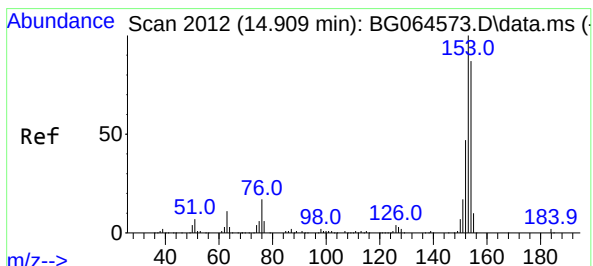
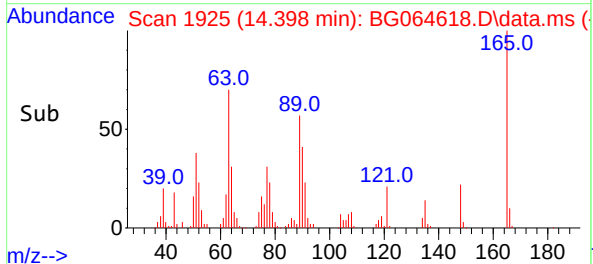
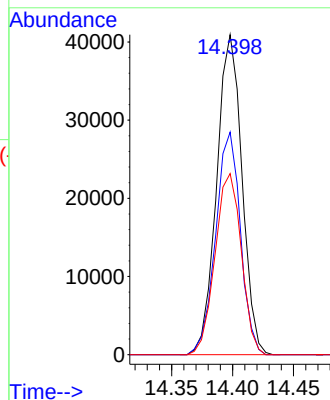
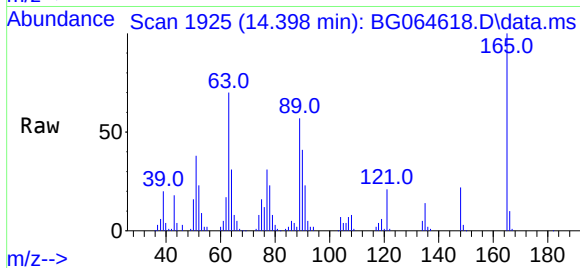




#51
2,6-Dinitrotoluene
Concen: 43.351 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

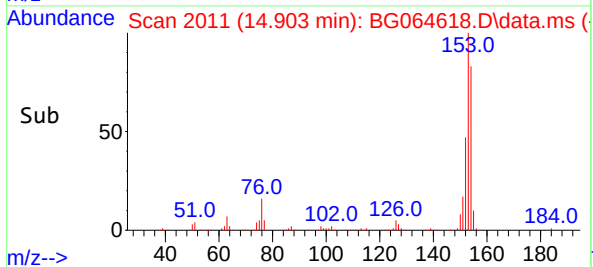
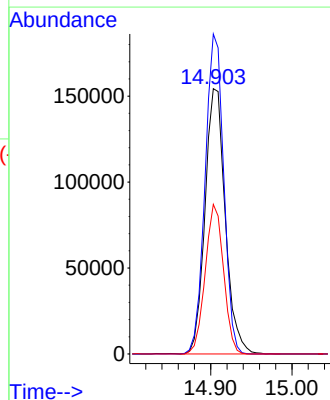
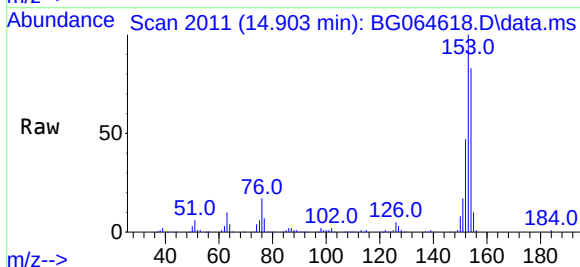
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

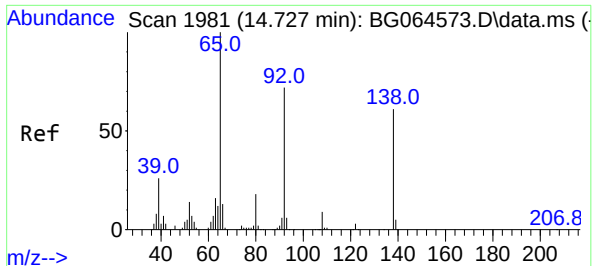
Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.6	57.4	86.0
89	56.6	47.8	71.8



#52
Acenaphthene
Concen: 42.377 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.6	92.2	138.4
152	56.4	43.2	64.8

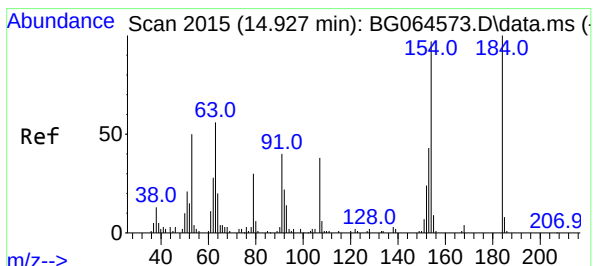
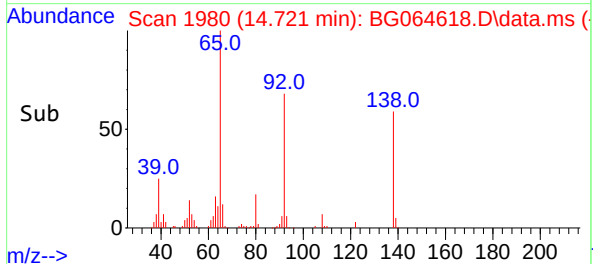
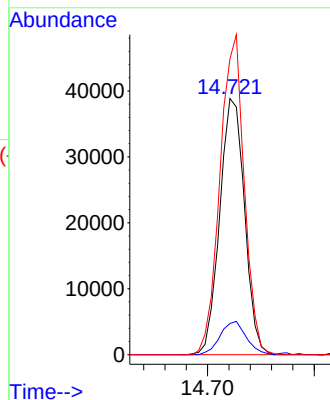
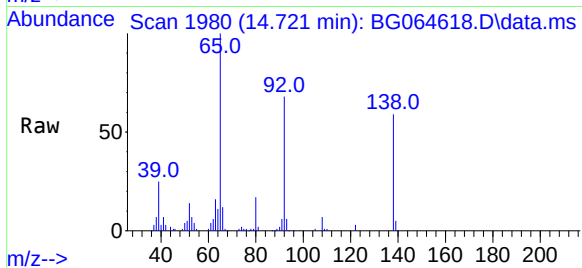




#53
3-Nitroaniline
Concen: 43.773 ng
RT: 14.721 min Scan# 1980
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

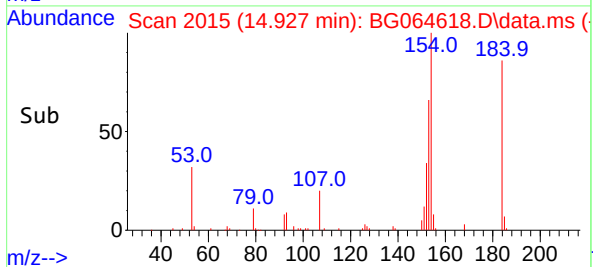
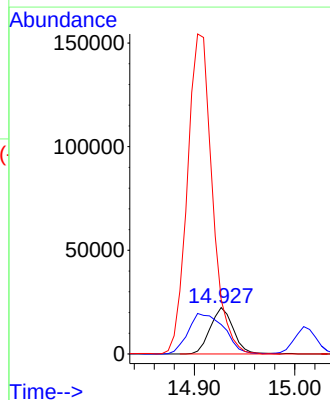
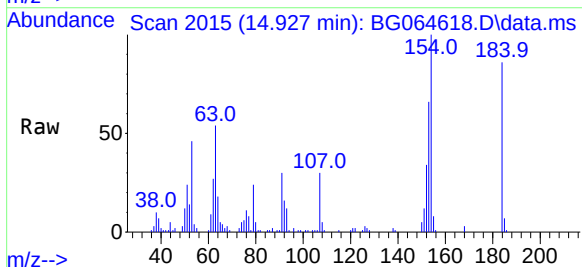
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

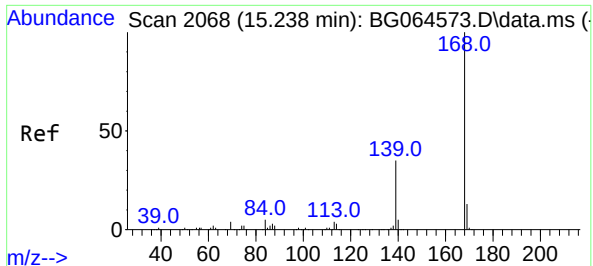
Tgt Ion:138 Resp: 62676
Ion Ratio Lower Upper
138 100
108 12.2 11.4 17.0
92 115.5 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 44.922 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:184 Resp: 35680
Ion Ratio Lower Upper
184 100
63 63.4 56.6 85.0
154 116.6 158.6 238.0#

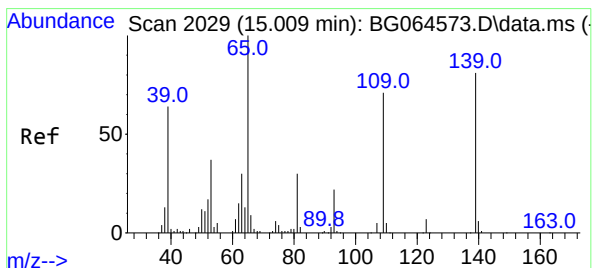
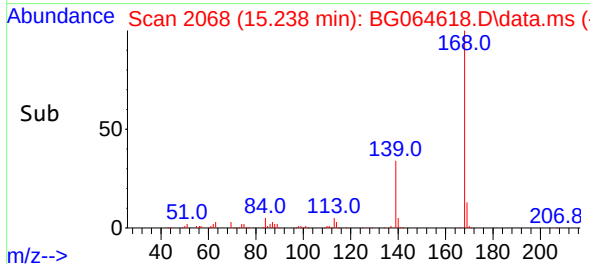
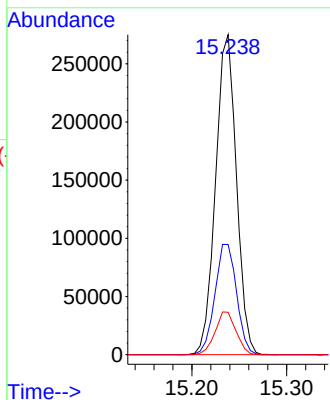
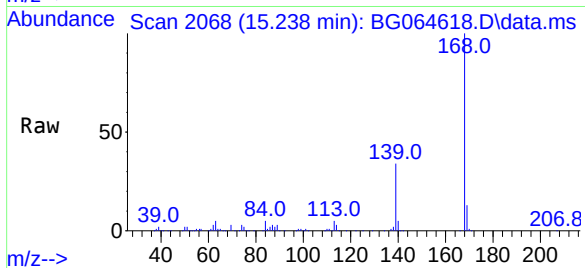




#55
Dibenzofuran
Concen: 41.281 ng
RT: 15.238 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

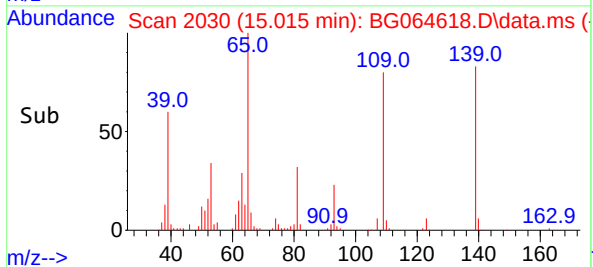
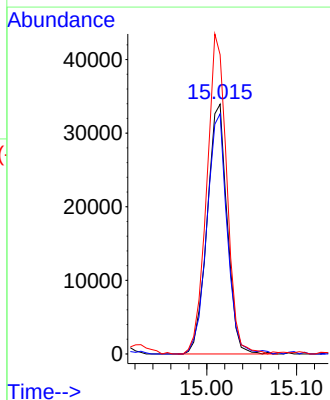
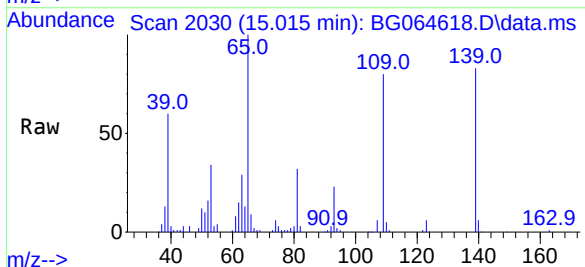
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

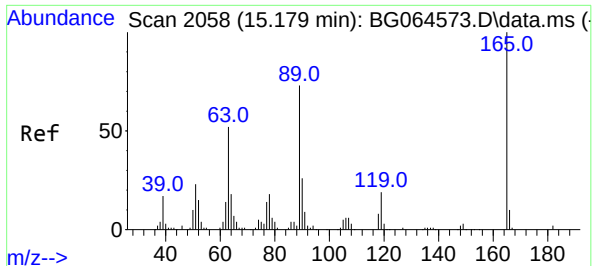
Tgt Ion:168 Resp: 420237
Ion Ratio Lower Upper
168 100
139 34.4 27.8 41.8
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 39.540 ng
RT: 15.015 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:139 Resp: 52490
Ion Ratio Lower Upper
139 100
109 96.1 67.8 107.8
65 119.8 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 41.073 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.010 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

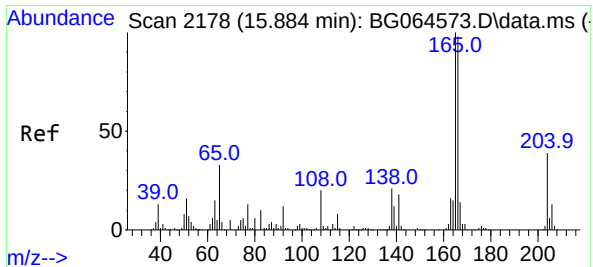
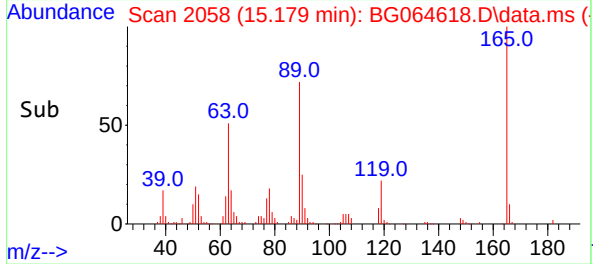
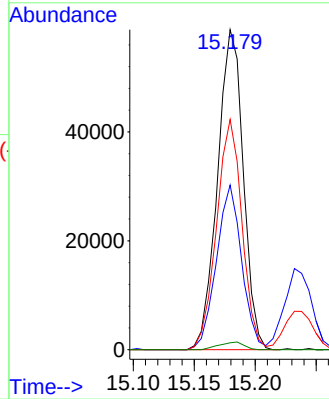
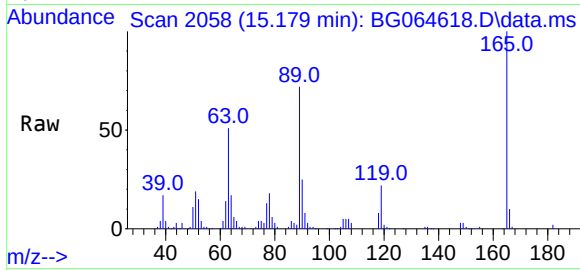
Instrument :

BNA_G

ClientSampleId :

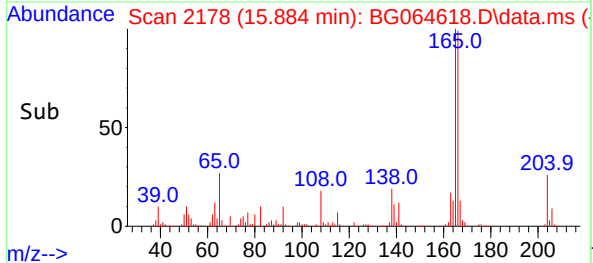
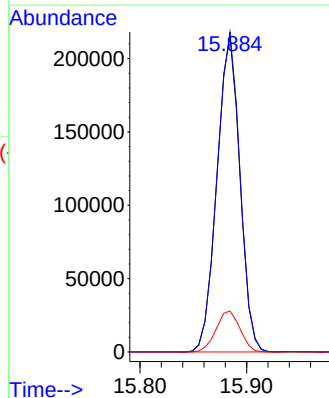
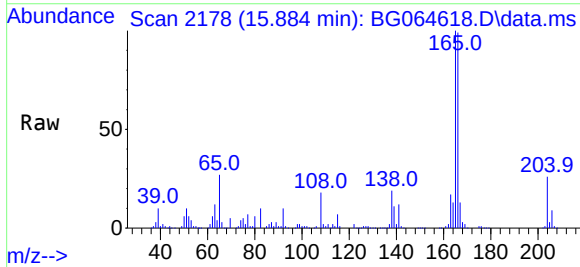
SSTDCCC040

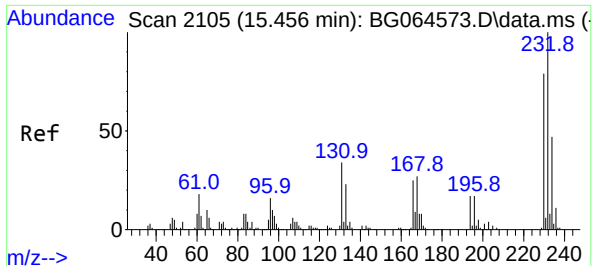
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	41.8	62.8
89	71.9	58.1	87.1
182	2.2	1.4	2.0



#58
Fluorene
Concen: 40.432 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.5	122.3
167	13.0	11.4	17.0

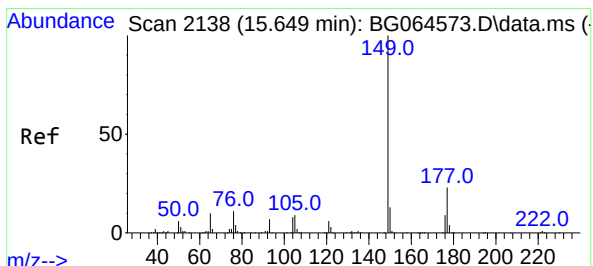
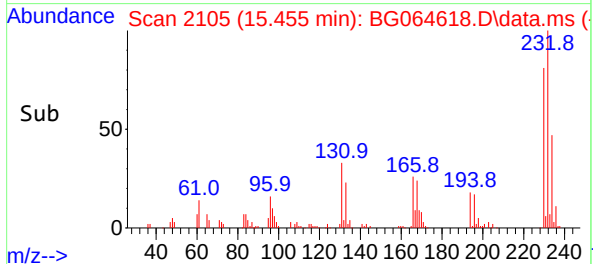
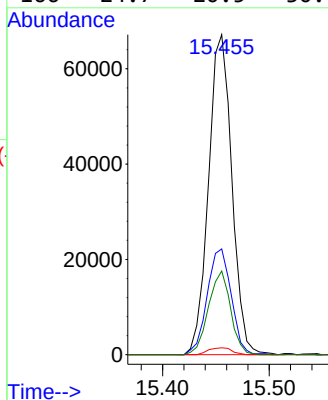
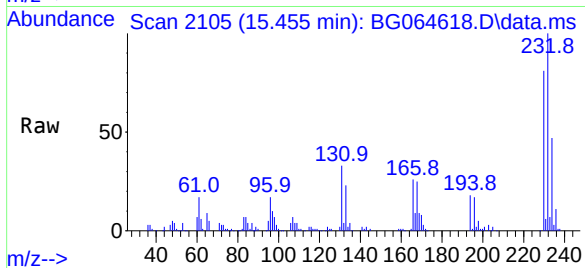




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.298 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

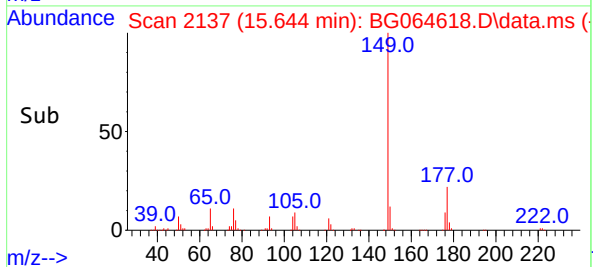
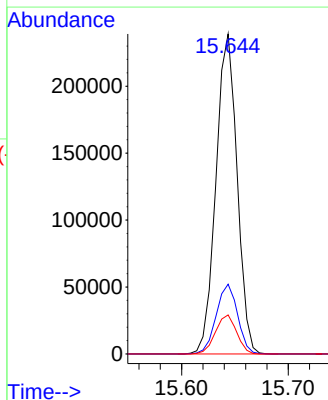
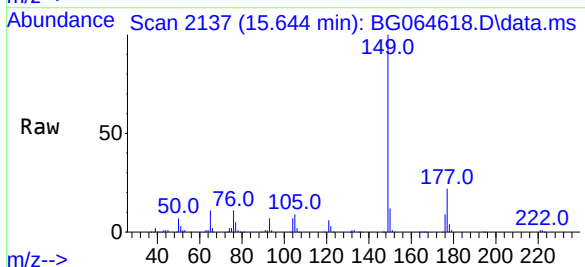
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

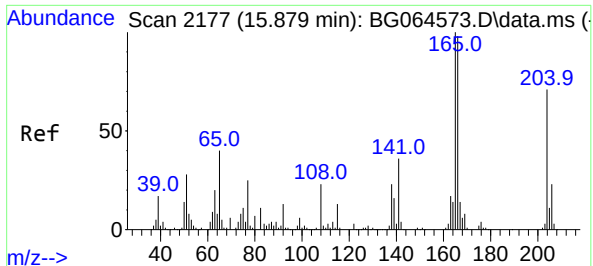
Tgt Ion:232 Resp: 102176
Ion Ratio Lower Upper
232 100
131 34.0 26.7 40.1
130 2.2 1.6 2.4
166 24.7 20.5 30.7



#60
Diethylphthalate
Concen: 38.582 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:149 Resp: 328215
Ion Ratio Lower Upper
149 100
177 21.8 18.0 27.0
150 12.2 10.2 15.4

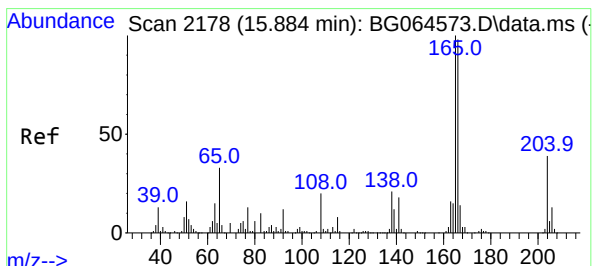
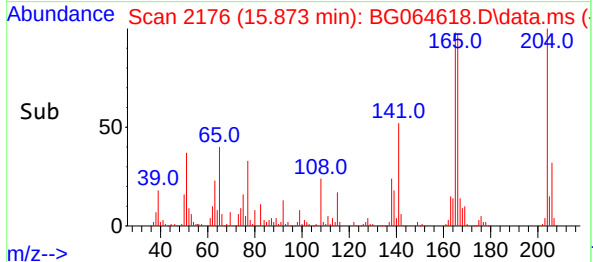
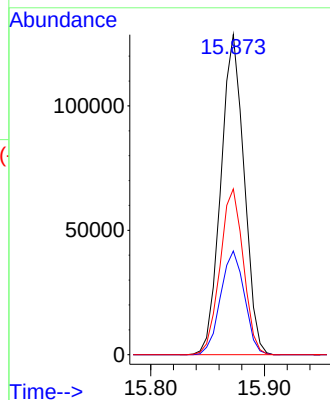
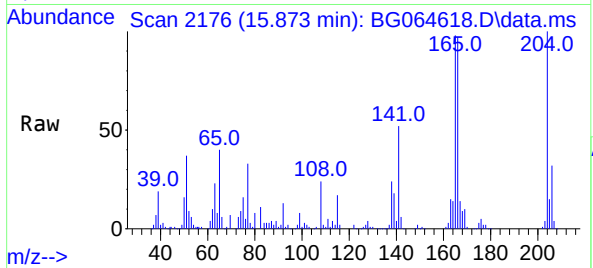




#61
4-Chlorophenyl-phenylether
Concen: 40.979 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

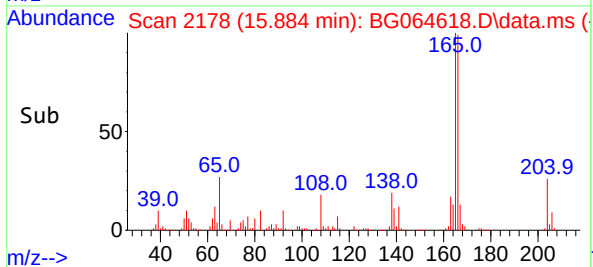
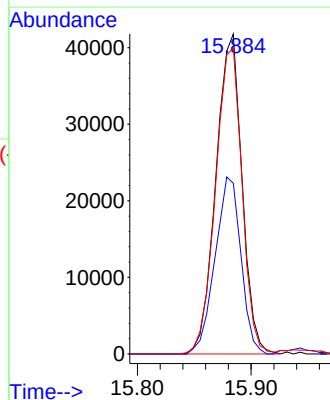
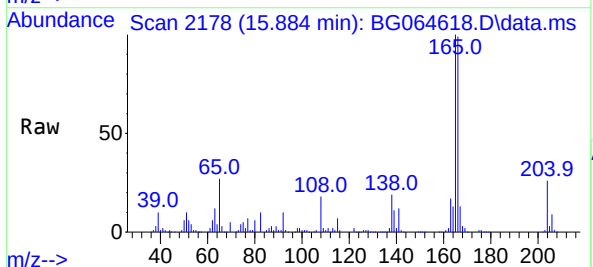
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

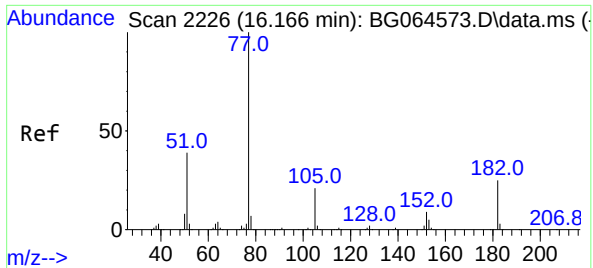
Tgt Ion:204 Resp: 182832
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 51.8 40.6 60.8



#62
4-Nitroaniline
Concen: 41.786 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:138 Resp: 66563
Ion Ratio Lower Upper
138 100
92 53.3 36.1 76.1
108 95.7 75.6 115.6



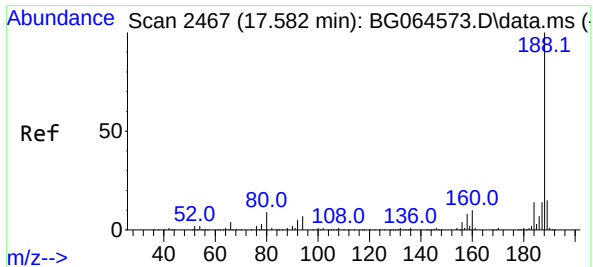
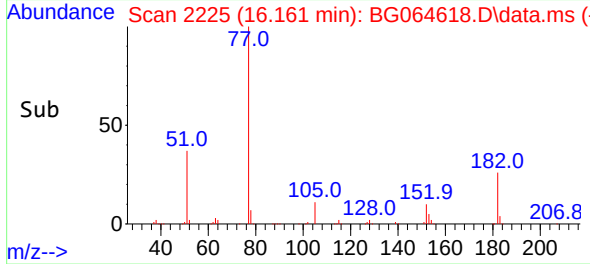
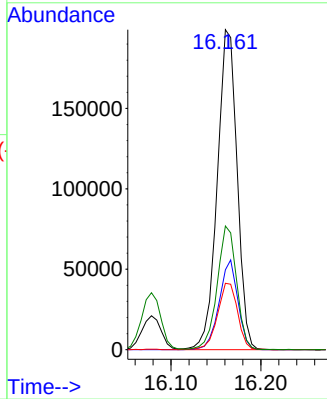
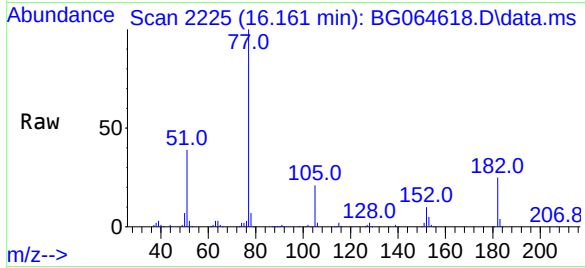


#63
Azobenzene
Concen: 39.183 ng
RT: 16.161 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 305844

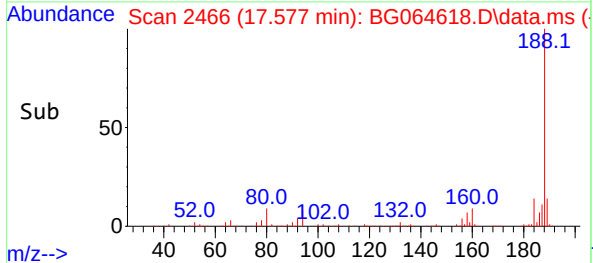
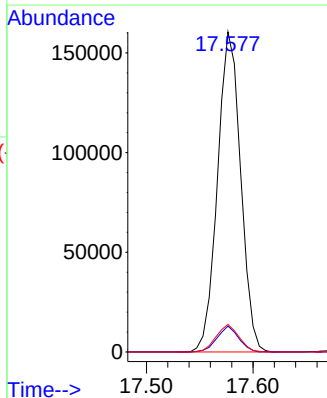
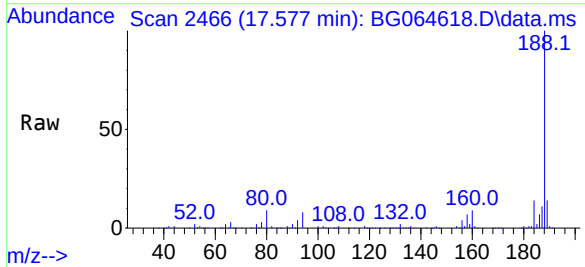
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.9	44.9
105	20.8	1.3	41.3
51	38.6	19.0	59.0



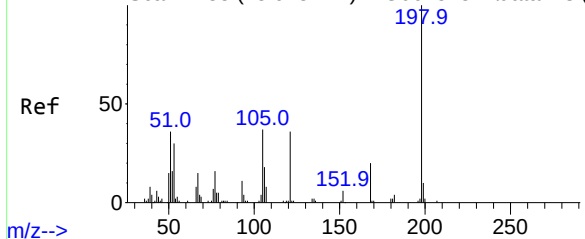
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion: 188 Resp: 241683

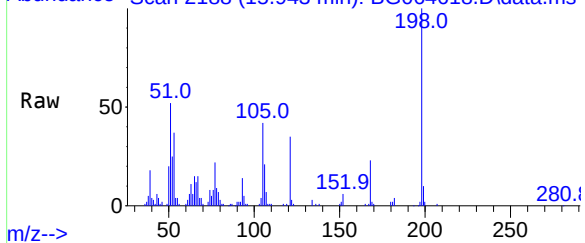
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.7	8.5
80	8.6	6.8	10.2



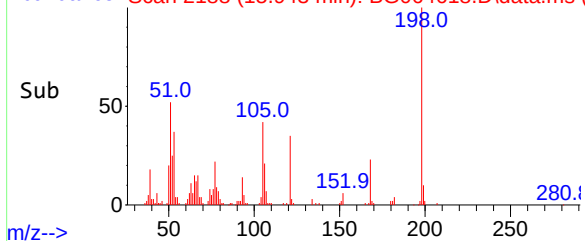
Abundance Scan 2188 (15.943 min): BG064573.D\data.ms (



m/z--> Abundance Scan 2188 (15.943 min): BG064618.D\data.ms (



m/z--> Abundance Scan 2188 (15.943 min): BG064618.D\data.ms (



m/z-->

#65

4,6-Dinitro-2-methylphenol

Concen: 47.448 ng

RT: 15.943 min Scan# 2188

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 50385

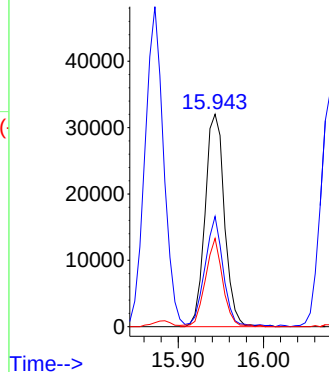
Ion Ratio Lower Upper

198 100

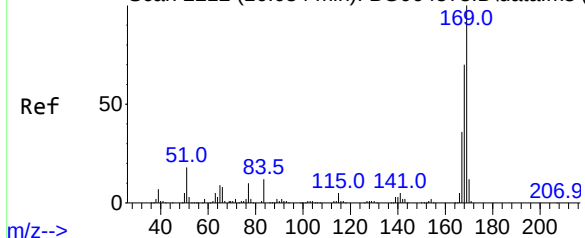
51 51.9 24.7 64.7

105 41.5 18.0 58.0

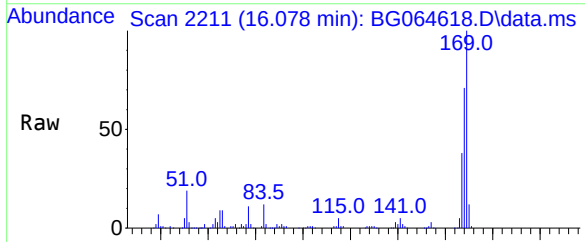
Abundance



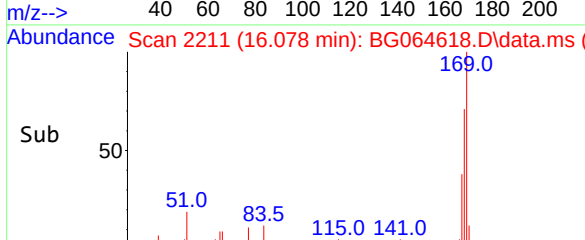
Abundance Scan 2212 (16.084 min): BG064573.D\data.ms (



m/z--> Abundance Scan 2211 (16.078 min): BG064618.D\data.ms (



m/z--> Abundance Scan 2211 (16.078 min): BG064618.D\data.ms (



m/z-->

#66

n-Nitrosodiphenylamine

Concen: 43.085 ng

RT: 16.078 min Scan# 2211

Delta R.T. -0.010 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:169 Resp: 281278

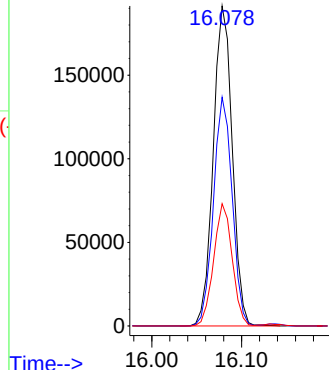
Ion Ratio Lower Upper

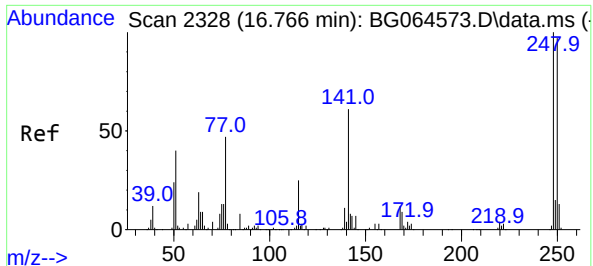
169 100

168 71.4 56.3 84.5

167 38.2 29.0 43.6

Abundance





#67

4-Bromophenyl-phenylether

Concen: 44.163 ng

RT: 16.766 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

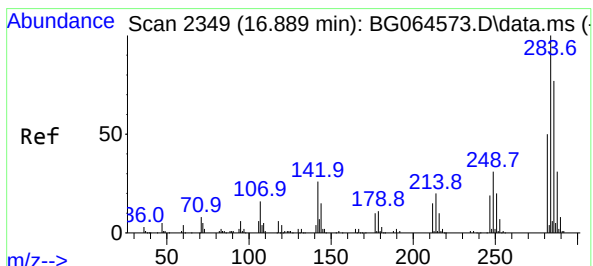
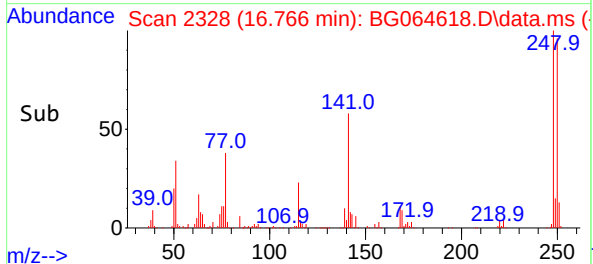
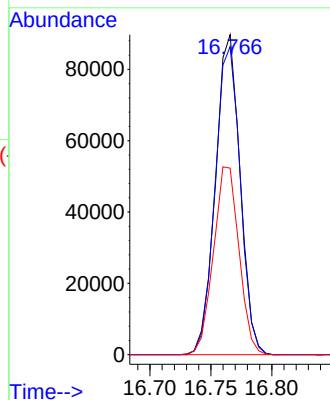
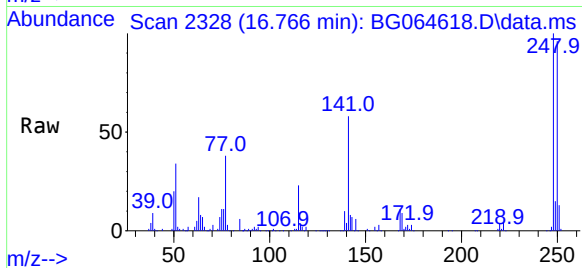
Tgt Ion:248 Resp: 126485

Ion Ratio Lower Upper

248 100

250 96.3 77.7 116.5

141 58.3 48.6 72.8



#68

Hexachlorobenzene

Concen: 44.415 ng

RT: 16.889 min Scan# 2349

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

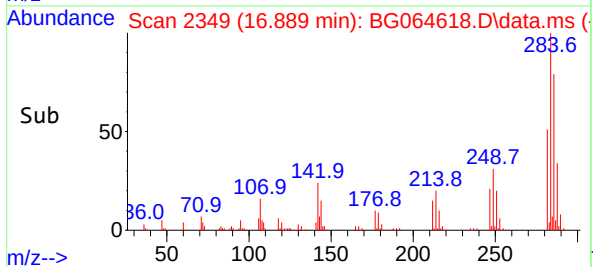
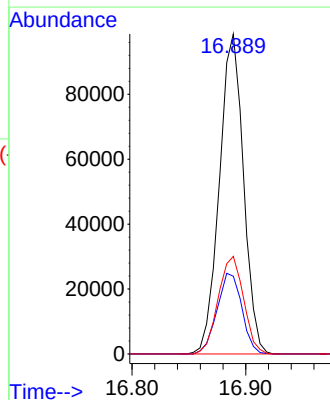
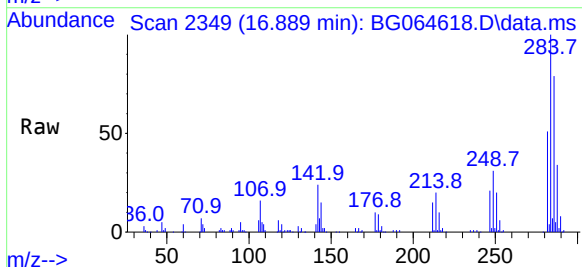
Tgt Ion:284 Resp: 145122

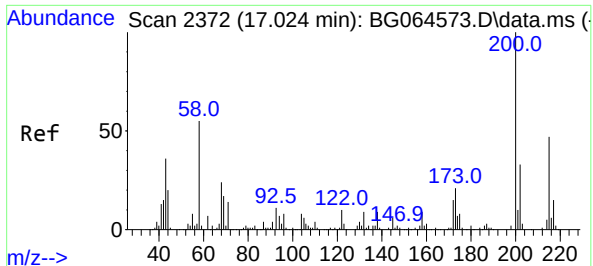
Ion Ratio Lower Upper

284 100

142 24.3 21.0 31.6

249 32.9 24.9 37.3

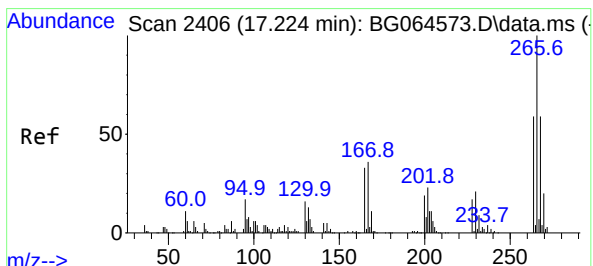
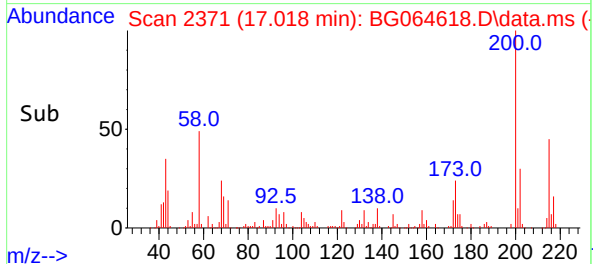
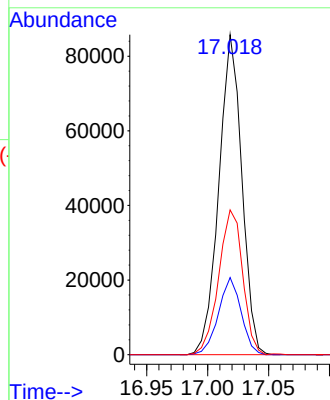
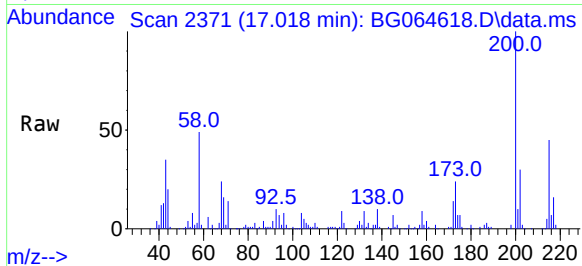




#69
Atrazine
Concen: 40.031 ng
RT: 17.018 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

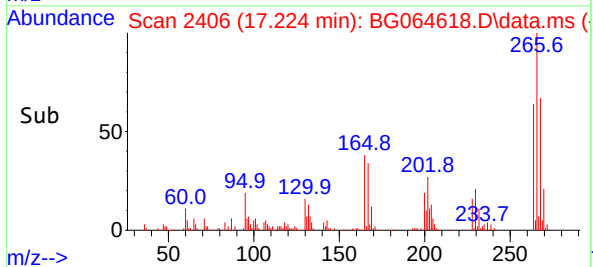
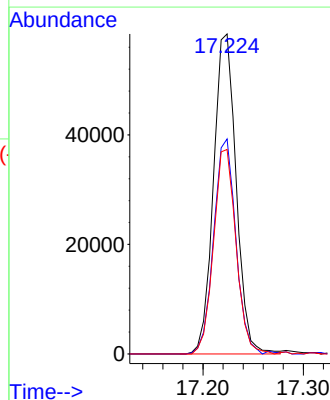
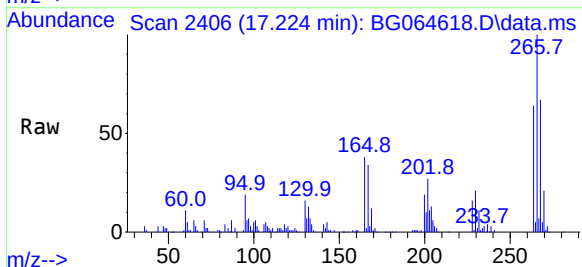
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

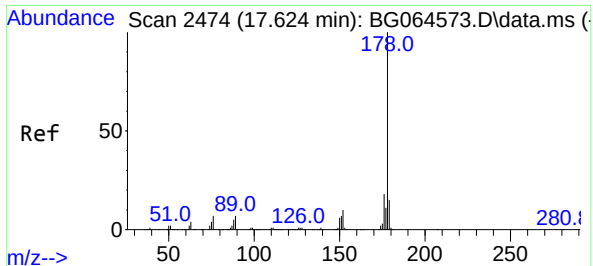
Tgt Ion:200 Resp: 112465
Ion Ratio Lower Upper
200 100
173 24.1 0.9 40.9
215 45.3 27.0 67.0



#70
Pentachlorophenol
Concen: 44.939 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:266 Resp: 91563
Ion Ratio Lower Upper
266 100
268 67.2 50.3 75.5
264 63.9 47.3 70.9

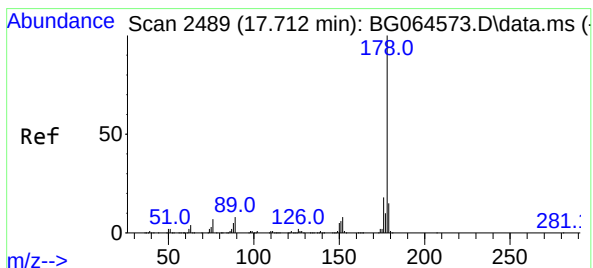
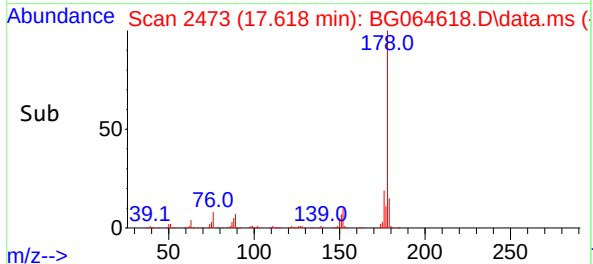
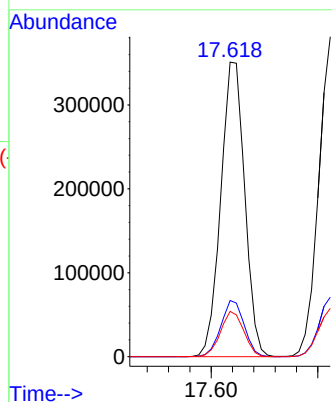
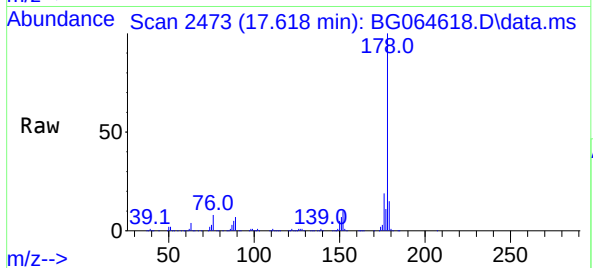




#71
Phenanthrene
Concen: 41.397 ng
RT: 17.618 min Scan# 2474
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

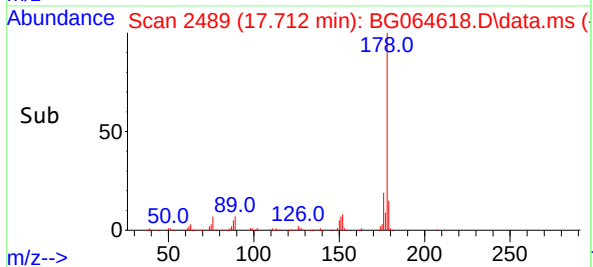
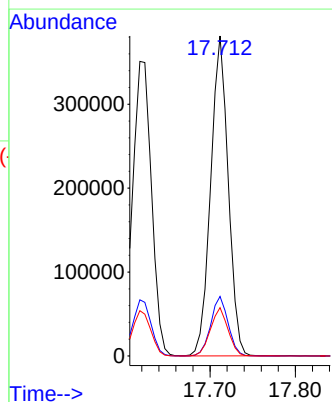
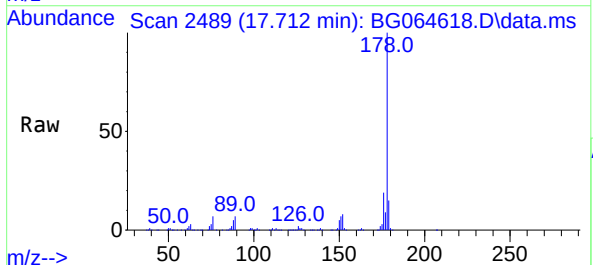
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 547128
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.4 12.2 18.4

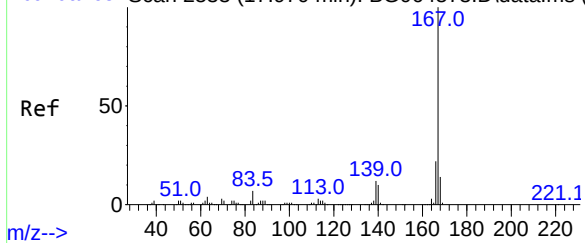


#72
Anthracene
Concen: 40.436 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:178 Resp: 543644
Ion Ratio Lower Upper
178 100
176 18.6 14.4 21.6
179 15.1 12.4 18.6



Abundance Scan 2533 (17.970 min): BG064573.D\data.ms (



#73

Carbazole

Concen: 39.556 ng

RT: 17.970 min Scan# 2533

Delta R.T. -0.004 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 468954

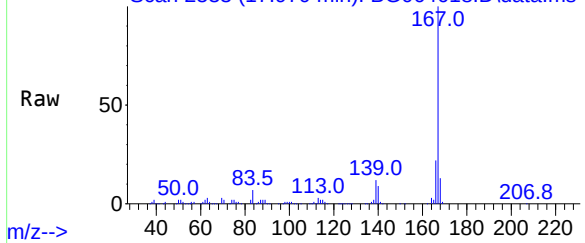
Ion Ratio Lower Upper

167 100

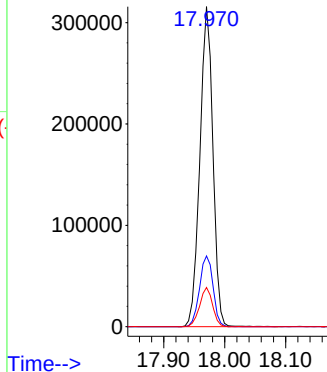
166 22.1 17.9 26.9

139 12.2 9.7 14.5

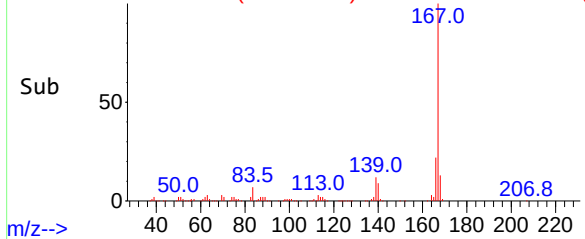
Abundance Scan 2533 (17.970 min): BG064618.D\data.ms



Abundance

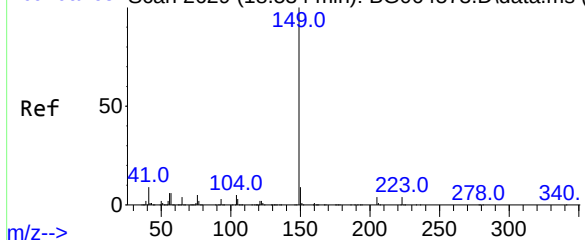


Abundance Scan 2533 (17.970 min): BG064618.D\data.ms (



Time-->

Abundance Scan 2629 (18.534 min): BG064573.D\data.ms (



#74

Di-n-butylphthalate

Concen: 40.184 ng

RT: 18.528 min Scan# 2628

Delta R.T. -0.009 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Tgt Ion:149 Resp: 550901

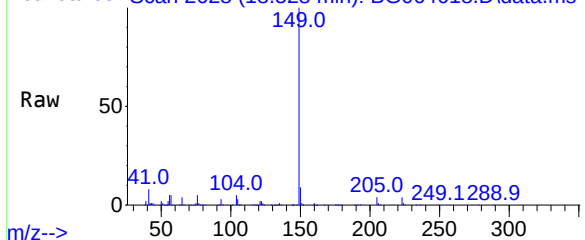
Ion Ratio Lower Upper

149 100

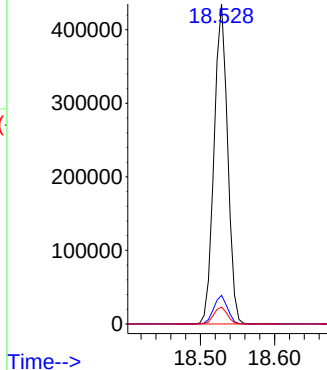
150 8.9 7.0 10.6

104 5.3 4.1 6.1

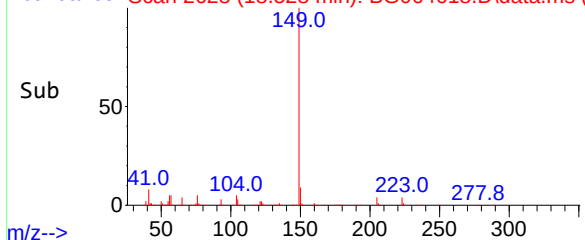
Abundance Scan 2628 (18.528 min): BG064618.D\data.ms



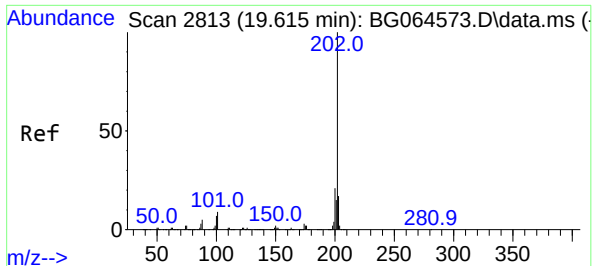
Abundance



Abundance Scan 2628 (18.528 min): BG064618.D\data.ms (



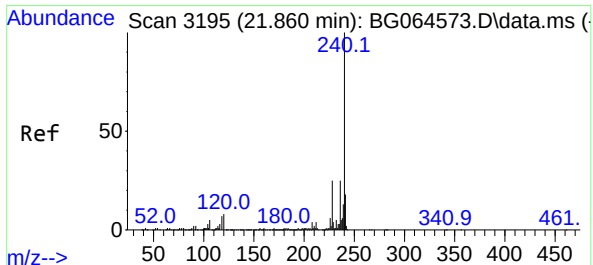
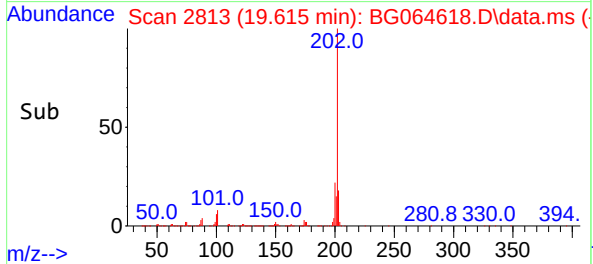
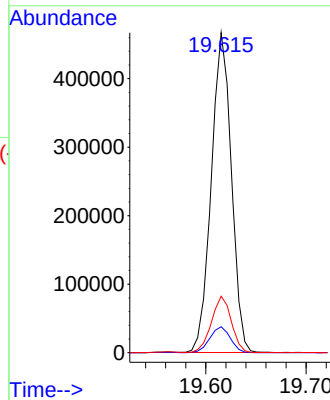
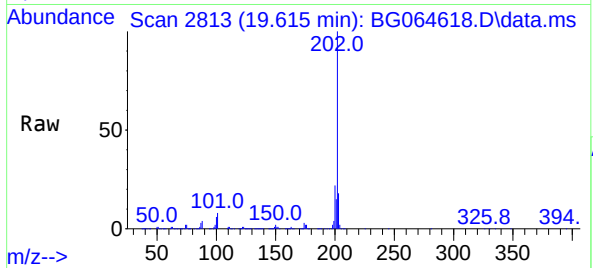
Time-->



#75
Fluoranthene
Concen: 39.193 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

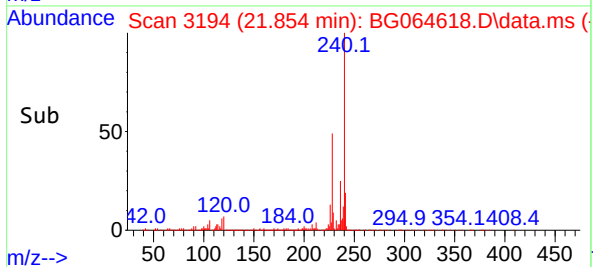
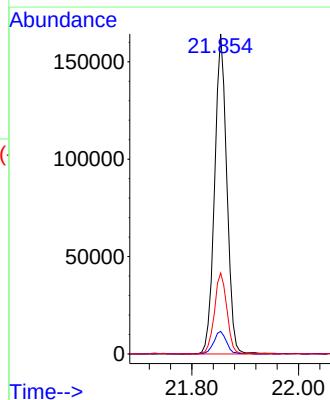
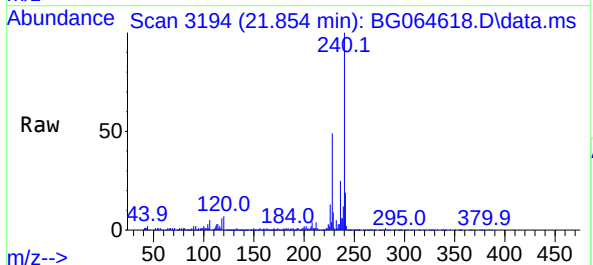
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

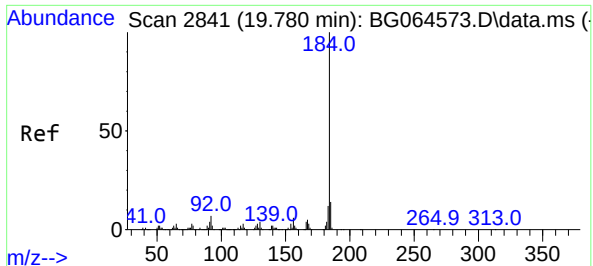
Tgt Ion:202 Resp: 648927
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.7
203 17.7 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:240 Resp: 261016
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.3 20.2 30.2

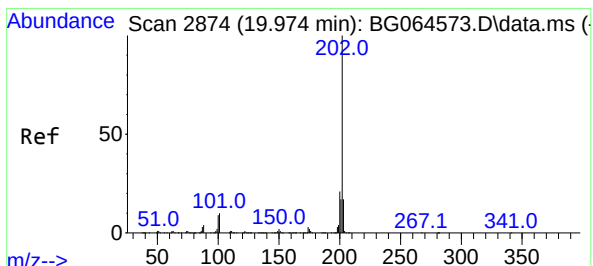
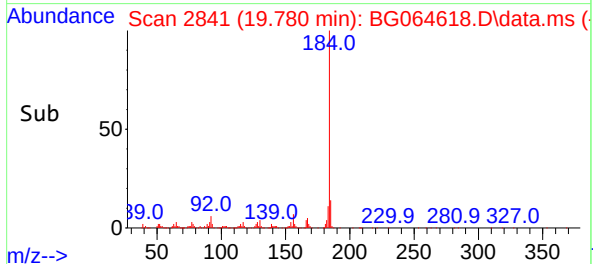
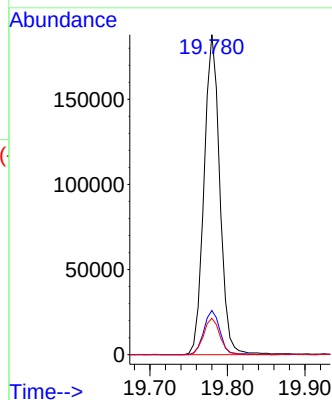
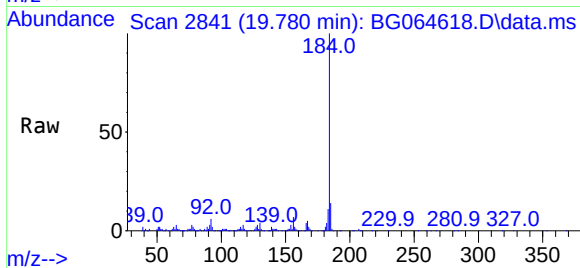




#77
Benzidine
Concen: 45.404 ng
RT: 19.780 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

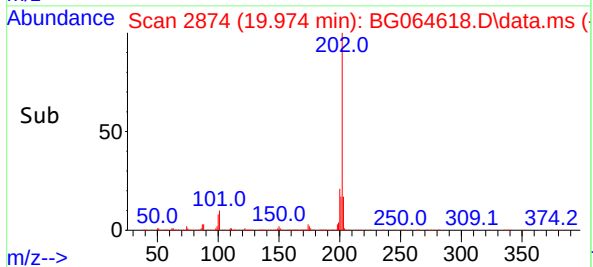
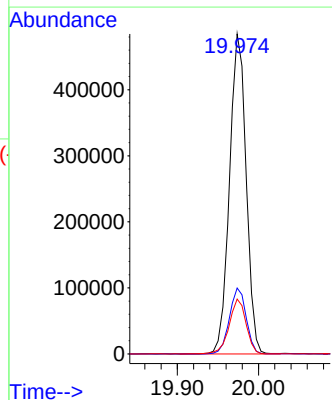
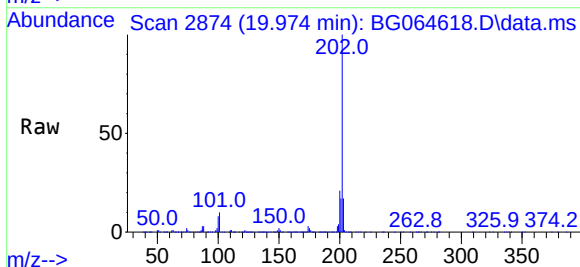
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

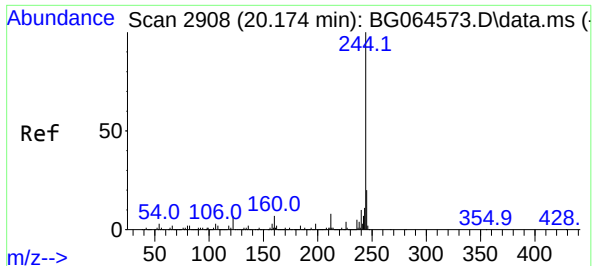
Tgt Ion:184 Resp: 265517
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.4 9.4 14.2



#78
Pyrene
Concen: 40.467 ng
RT: 19.974 min Scan# 2874
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:202 Resp: 690102
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.1 13.8 20.6

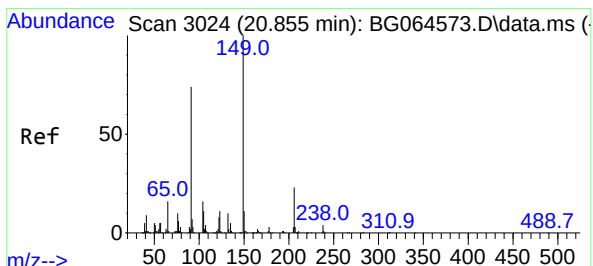
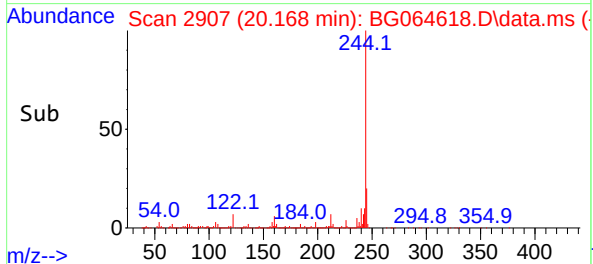
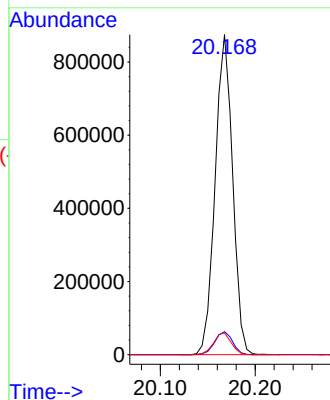
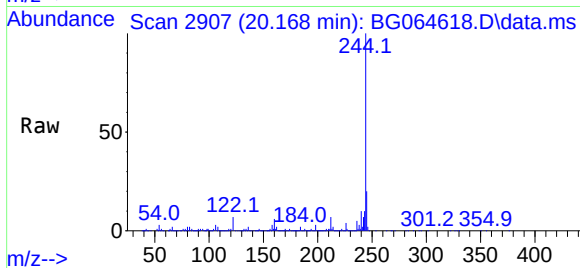




#79
Terphenyl-d14
Concen: 81.066 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

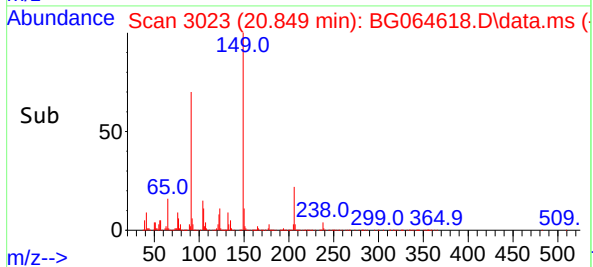
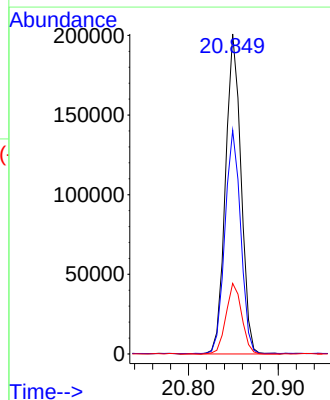
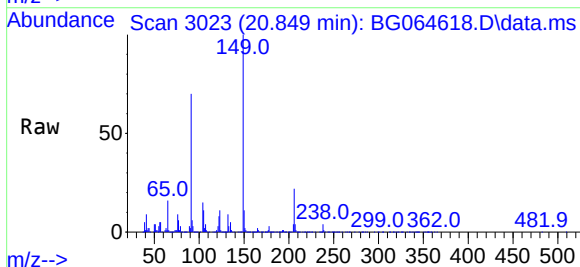
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

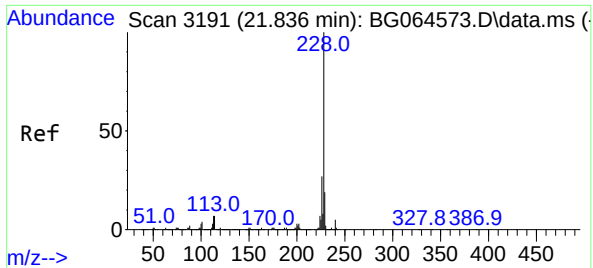
Tgt Ion:244 Resp: 1121232
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.8 5.6 8.4



#80
Butylbenzylphthalate
Concen: 46.801 ng
RT: 20.849 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:149 Resp: 241218
Ion Ratio Lower Upper
149 100
91 69.9 59.2 88.8
206 22.1 18.1 27.1

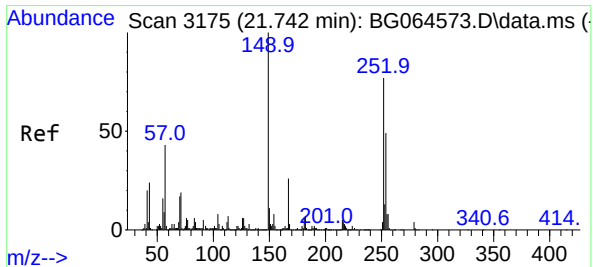
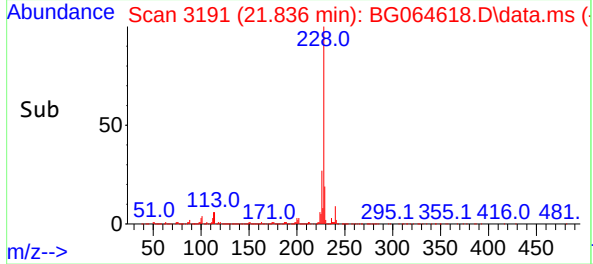
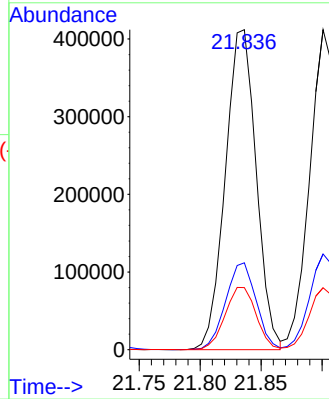
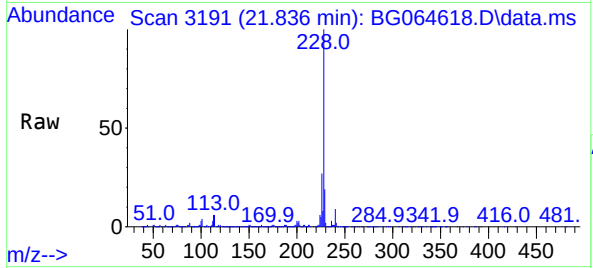




#81
Benzo(a)anthracene
Concen: 42.093 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

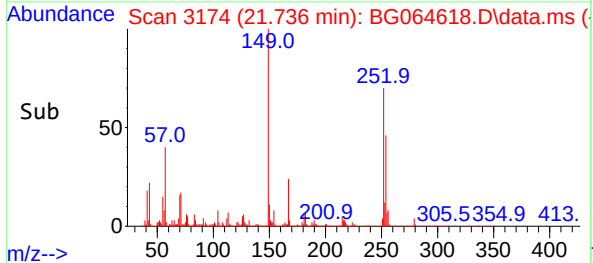
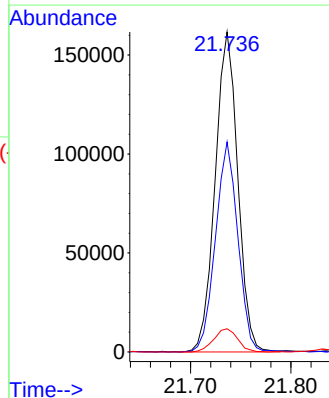
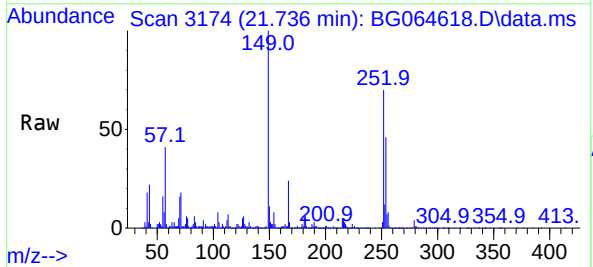
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

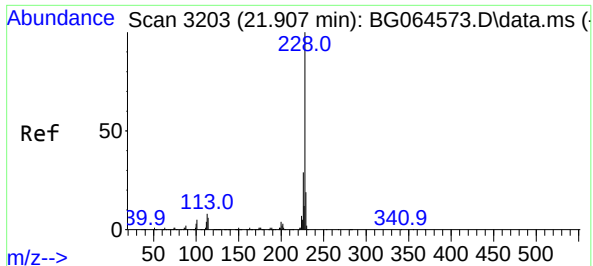
Tgt Ion:228 Resp: 728489
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.737 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:252 Resp: 252767
Ion Ratio Lower Upper
252 100
254 65.6 50.8 76.2
126 7.2 5.8 8.6

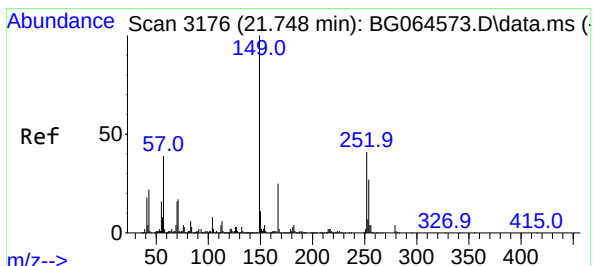
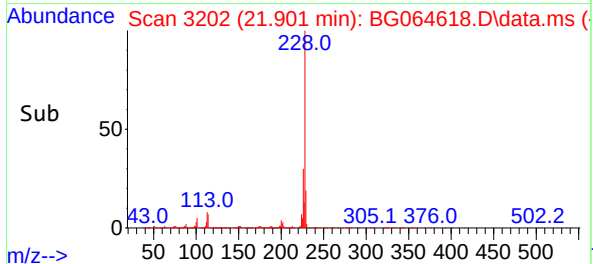
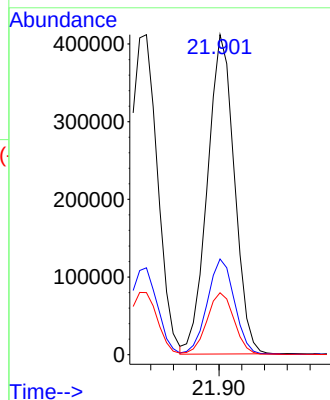
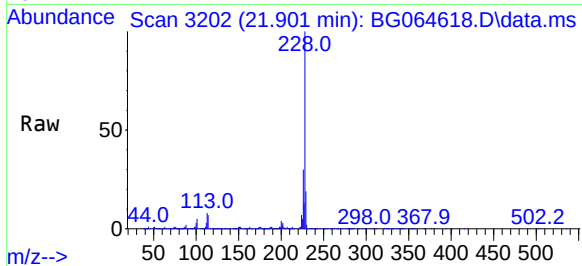




#83
Chrysene
Concen: 41.154 ng
RT: 21.901 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

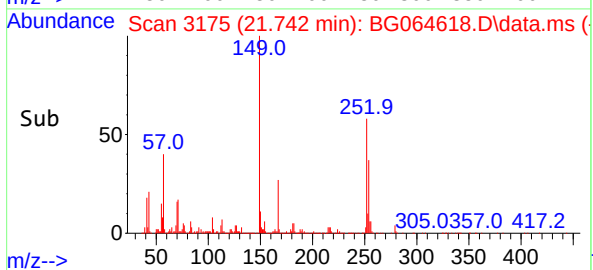
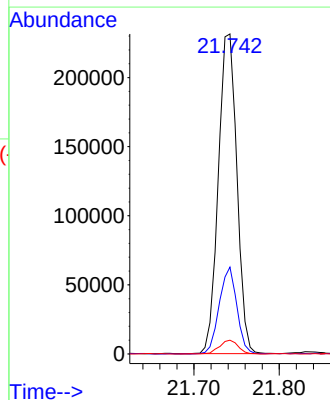
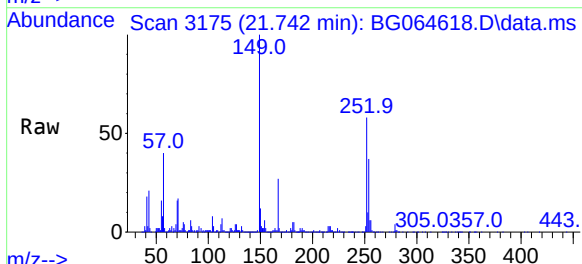
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

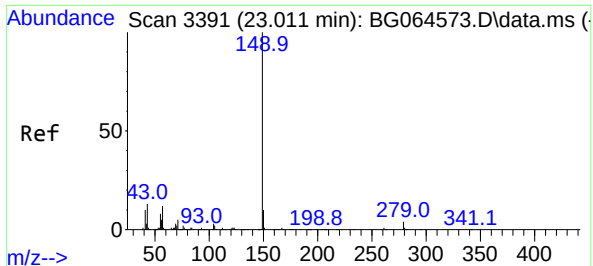
Tgt Ion:228 Resp: 677717
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 19.3 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.515 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:149 Resp: 350537
Ion Ratio Lower Upper
149 100
167 27.1 20.0 30.0
279 4.3 3.1 4.7

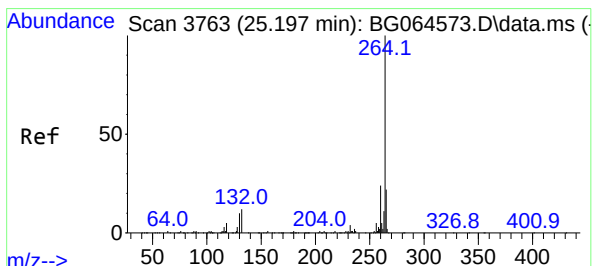
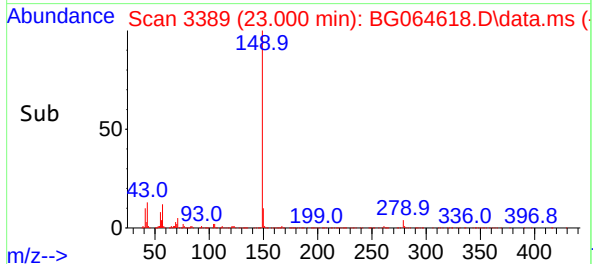
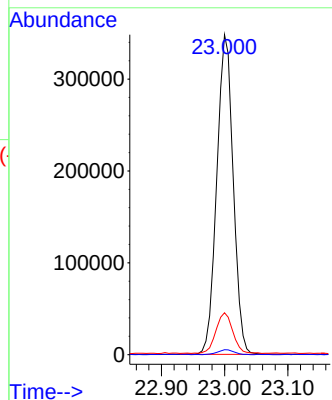
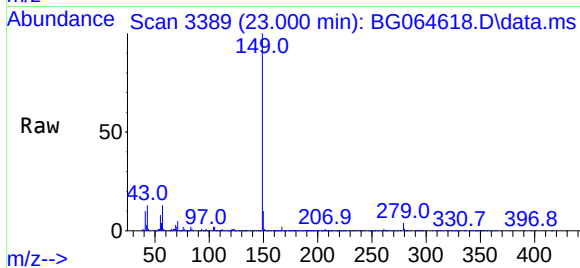




#85
Di-n-octyl phthalate
Concen: 48.350 ng
RT: 23.000 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

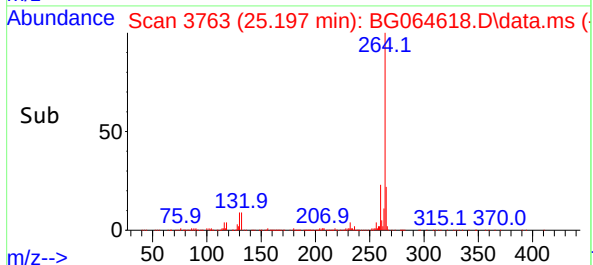
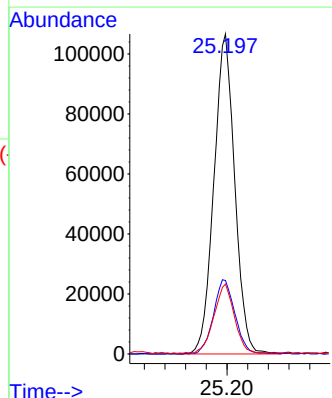
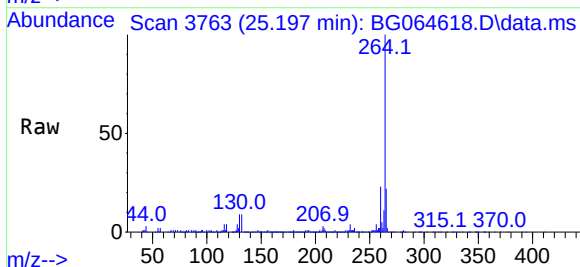
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

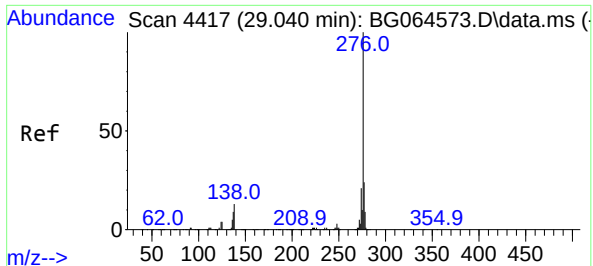
Tgt Ion:149 Resp: 627808
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.0 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3763
Delta R.T. -0.004 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:264 Resp: 298207
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.9 17.6 26.4

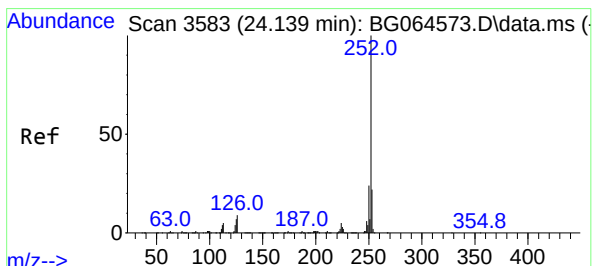
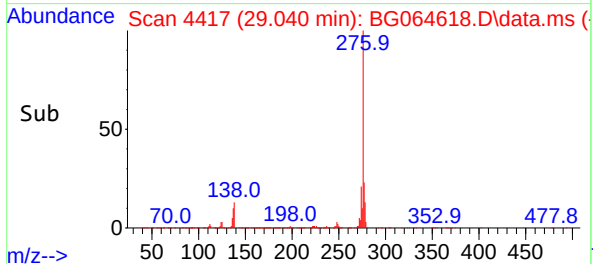
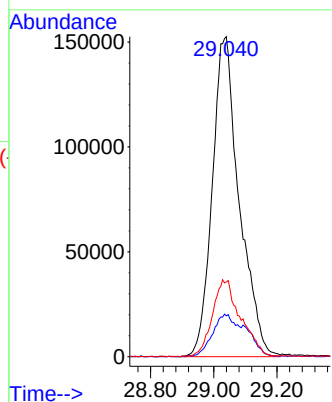
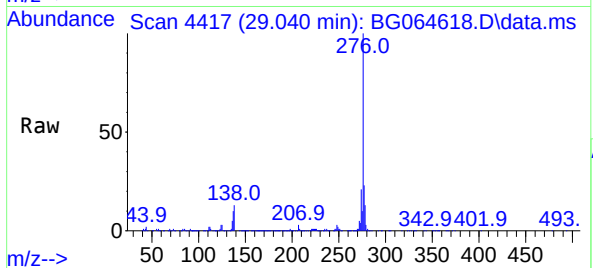




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.308 ng
RT: 29.040 min Scan# 4417
Delta R.T. -0.021 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

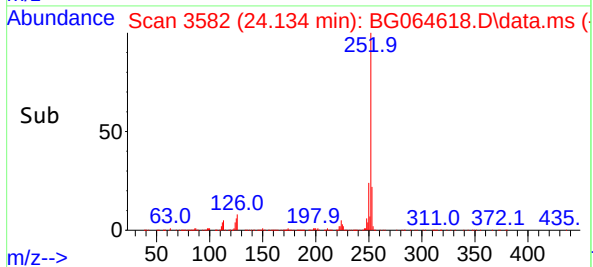
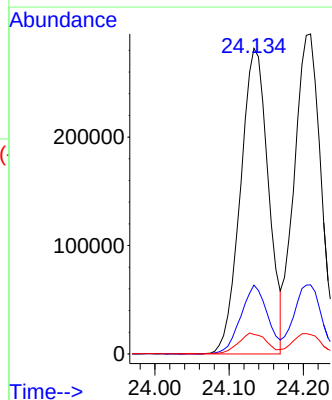
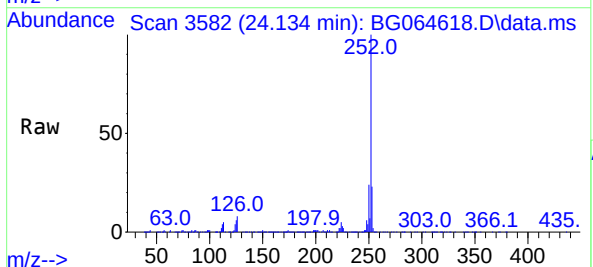
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

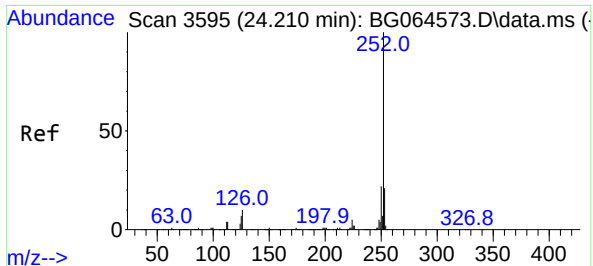
Tgt Ion:276 Resp: 906170
Ion Ratio Lower Upper
276 100
138 11.7 10.8 16.2
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 40.302 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:252 Resp: 736965
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.4 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 40.260 ng

RT: 24.210 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

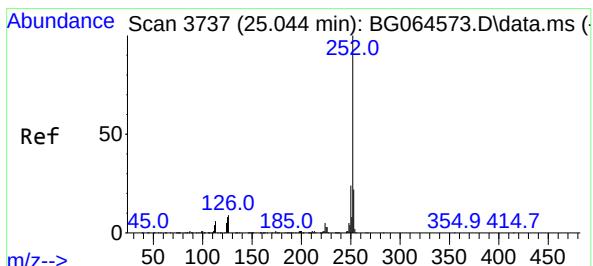
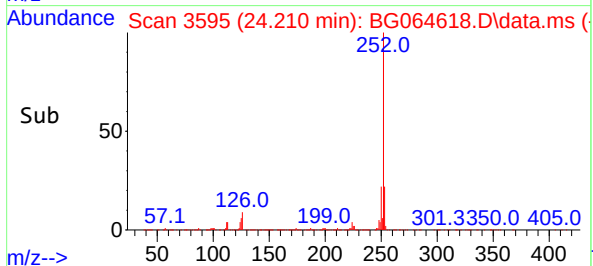
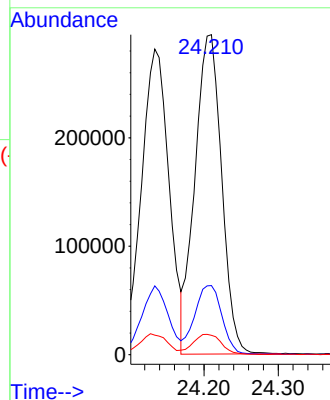
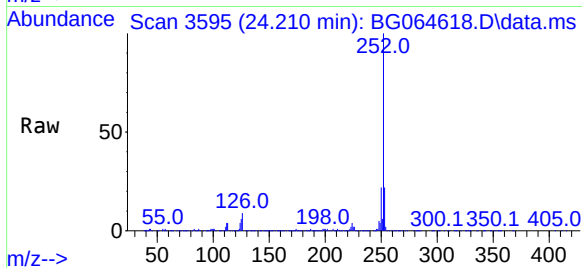
Tgt Ion:252 Resp: 736695

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 6.1 5.4 8.0



#90

Benzo(a)pyrene

Concen: 41.067 ng

RT: 25.038 min Scan# 3736

Delta R.T. -0.021 min

Lab File: BG064618.D

Acq: 29 Oct 2025 11:22

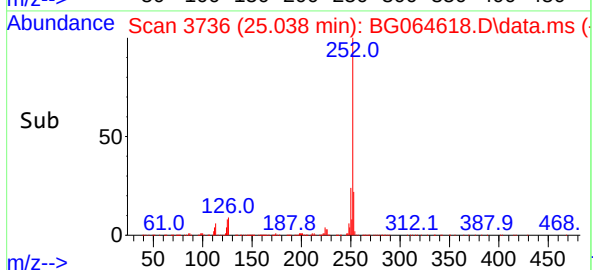
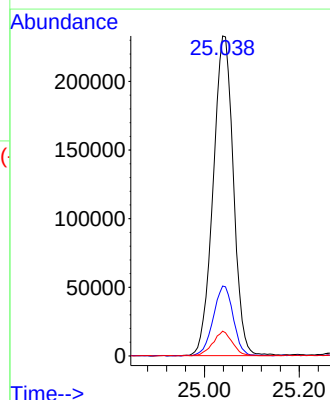
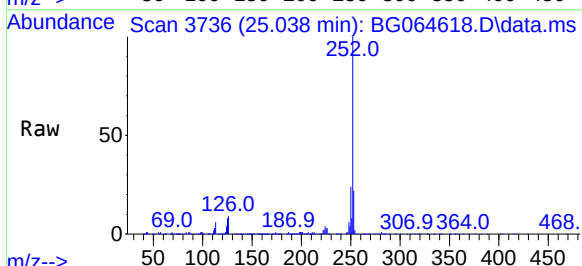
Tgt Ion:252 Resp: 690279

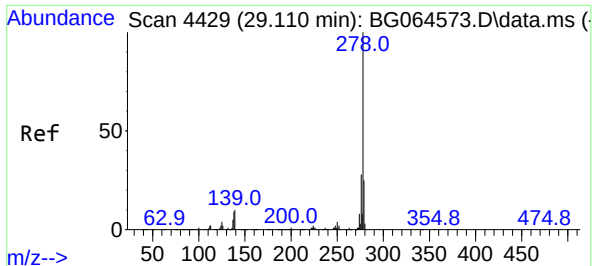
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 7.8 6.1 9.1

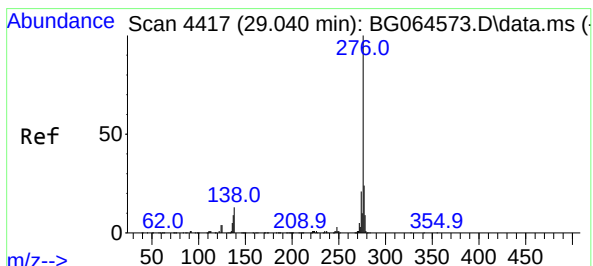
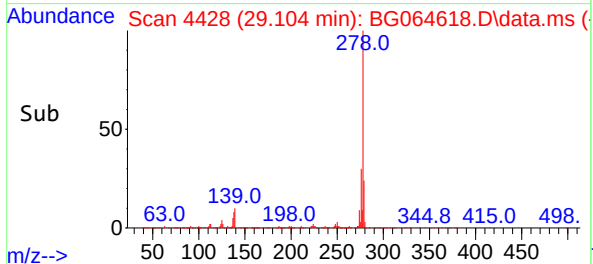
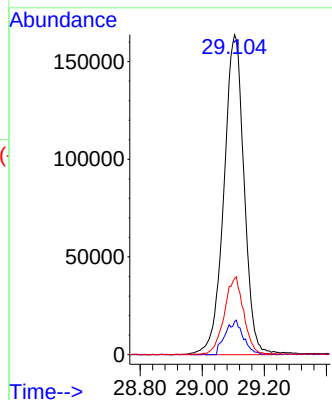
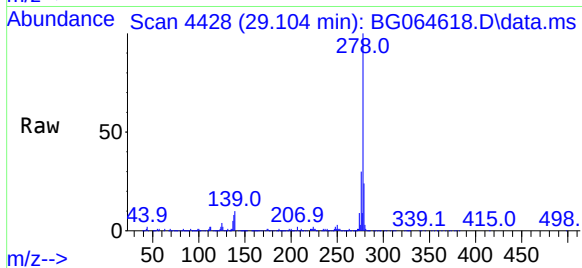




#91
Dibenzo(a,h)anthracene
Concen: 41.529 ng
RT: 29.104 min Scan# 4428
Delta R.T. -0.033 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

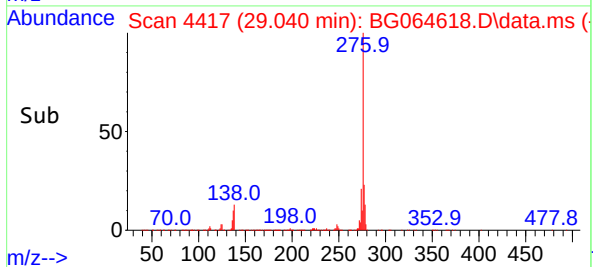
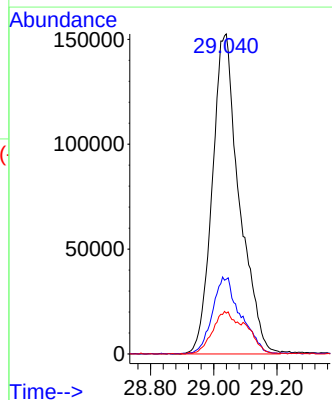
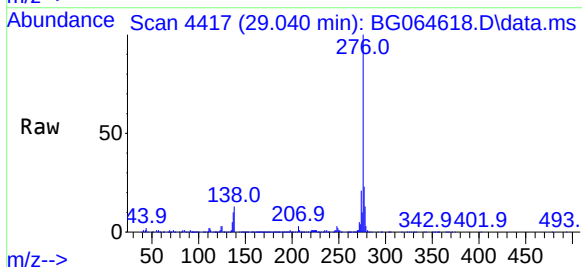
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 740147
Ion Ratio Lower Upper
278 100
139 10.4 8.0 12.0
279 23.9 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 41.308 ng
RT: 29.040 min Scan# 4417
Delta R.T. -0.021 min
Lab File: BG064618.D
Acq: 29 Oct 2025 11:22

Tgt Ion:276 Resp: 906170
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 12.7 10.7 16.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
2	1,4-Dioxane	0.528	0.560	-6.1	97	0.00
3	Pyridine	1.584	1.622	-2.4	89	0.00
4	n-Nitrosodimethylamine	0.850	0.861	-1.3	87	0.00
5 S	2-Fluorophenol	1.192	1.266	-6.2	89	0.00
6	Aniline	2.225	2.273	-2.2	87	0.00
7 S	Phenol-d6	1.635	1.656	-1.3	85	0.00
8	2-Chlorophenol	1.247	1.377	-10.4	91	0.00
9	Benzaldehyde	0.893	0.838	6.2	81	0.00
10 C	Phenol	1.808	1.838	-1.7	86	0.00
11	bis(2-Chloroethyl)ether	2.225	2.273	-2.2	87	0.00
12	1,3-Dichlorobenzene	1.435	1.546	-7.7	93	0.00
13 C	1,4-Dichlorobenzene	1.460	1.553	-6.4	92	0.00
14	1,2-Dichlorobenzene	1.408	1.517	-7.7	93	0.00
15	Benzyl Alcohol	1.348	1.422	-5.5	91	0.00
16	2,2'-oxybis(1-Chloropropane	3.487	3.674	-5.4	90	0.00
17	2-Methylphenol	0.674	0.720	-6.8	88	0.00
18	Hexachloroethane	0.512	0.567	-10.7	95	0.00
19 P	n-Nitroso-di-n-propylamine	1.130	1.223	-8.2	91	0.00
20	3+4-Methylphenols	1.688	1.742	-3.2	87	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22	Acetophenone	0.547	0.581	-6.2	90	0.00
23 S	Nitrobenzene-d5	0.333	0.401	-20.4	96	0.00
24	Nitrobenzene	0.362	0.429	-18.5	95	0.00
25	Isophorone	0.799	0.833	-4.3	87	0.00
26 C	2-Nitrophenol	0.121	0.168	-38.8#	111	0.00
27	2,4-Dimethylphenol	0.303	0.311	-2.6	84	0.00
28	bis(2-Chloroethoxy)methane	0.455	0.480	-5.5	89	0.00
29 C	2,4-Dichlorophenol	0.320	0.352	-10.0	88	0.00
30	1,2,4-Trichlorobenzene	0.363	0.399	-9.9	92	0.00
31	Naphthalene	1.109	1.159	-4.5	89	0.00
32	Benzoic acid	0.189	0.203	-7.4	90	-0.03
33	4-Chloroaniline	0.431	0.435	-0.9	86	0.00
34 C	Hexachlorobutadiene	0.284	0.322	-13.4	97	0.00
35	Caprolactam	0.123	0.108	12.2	73	-0.03
36 C	4-Chloro-3-methylphenol	0.384	0.389	-1.3	83	0.00
37	2-Methylnaphthalene	0.814	0.836	-2.7	87	0.00
38	1-Methylnaphthalene	0.801	0.825	-3.0	87	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	0.671	0.754	-12.4	90	0.00
41 P	Hexachlorocyclopentadiene	0.302	0.400	-32.5#	103	0.00
42 S	2,4,6-Tribromophenol	0.289	0.312	-8.0	82	0.00
43 C	2,4,6-Trichlorophenol	0.384	0.455	-18.5	90	0.00
44	2,4,5-Trichlorophenol	0.443	0.492	-11.1	85	0.00
45 S	2-Fluorobiphenyl	1.319	1.473	-11.7	89	0.00
46	1,1'-Biphenyl	1.422	1.535	-7.9	86	0.00
47	2-Chloronaphthalene	1.073	1.175	-9.5	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.311	0.378	-21.5	90	0.00
49	Acenaphthylene	1.693	1.770	-4.5	83	0.00
50	Dimethylphthalate	1.530	1.552	-1.4	79	0.00
51	2,6-Dinitrotoluene	0.218	0.272	-24.8	92	0.00
52 C	Acenaphthene	1.157	1.225	-5.9	84	0.00
53	3-Nitroaniline	0.263	0.288	-9.5	82	0.00
54 P	2,4-Dinitrophenol	0.132	0.164	-24.2	100	0.00
55	Dibenzofuran	1.870	1.930	-3.2	82	0.00
56 P	4-Nitrophenol	0.244	0.241	1.2	77	0.00
57	2,4-Dinitrotoluene	0.340	0.396	-16.5	86	0.00
58	Fluorene	1.460	1.476	-1.1	80	0.00
59	2,3,4,6-Tetrachlorophenol	0.424	0.469	-10.6	84	0.00
60	Diethylphthalate	1.563	1.507	3.6	76	0.00
61	4-Chlorophenyl-phenylether	0.820	0.840	-2.4	81	0.00
62	4-Nitroaniline	0.293	0.306	-4.4	78	0.00
63	Azobenzene	1.434	1.404	2.1	76	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	77	0.00
65	4,6-Dinitro-2-methylphenol	0.079	0.104	-31.6#	97	0.00
66 c	n-Nitrosodiphenylamine	0.540	0.582	-7.8	77	0.00
67	4-Bromophenyl-phenylether	0.237	0.262	-10.5	78	0.00
68	Hexachlorobenzene	0.270	0.300	-11.1	79	0.00
69	Atrazine	0.232	0.233	-0.4	73	0.00
70 C	Pentachlorophenol	0.169	0.189	-11.8	81	0.00
71	Phenanthrene	1.094	1.132	-3.5	75	0.00
72	Anthracene	1.113	1.125	-1.1	73	0.00
73	Carbazole	0.981	0.970	1.1	73	0.00
74	Di-n-butylphthalate	1.134	1.140	-0.5	71	0.00
75 C	Fluoranthene	1.370	1.343	2.0	72	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	78	0.00
77	Benzydine	0.448	0.509	-13.6	81	0.00
78	Pyrene	1.307	1.322	-1.1	73	0.00
79 S	Terphenyl-d14	1.060	1.074	-1.3	74	0.00
80	Butylbenzylphthalate	0.395	0.462	-17.0	80	0.00
81	Benzo(a)anthracene	1.326	1.395	-5.2	77	0.00
82	3,3'-Dichlorobenzidine	0.443	0.484	-9.3	80	0.00
83	Chrysene	1.262	1.298	-2.9	76	0.00
84	Bis(2-ethylhexyl)phthalate	0.590	0.671	-13.7	78	0.00
85 c	Di-n-octyl phthalate	0.995	1.203	-20.9#	87	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	1.471	1.519	-3.3	82	-0.02
88	Benzo(b)fluoranthene	1.226	1.236	-0.8	79	0.00
89	Benzo(k)fluoranthene	1.227	1.235	-0.7	82	0.00
90 C	Benzo(a)pyrene	1.127	1.157	-2.7	82	-0.02
91	Dibenzo(a,h)anthracene	1.195	1.241	-3.8	83	-0.03
92	Benzo(g,h,i)perylene	1.471	1.519	-3.3	82	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064618.D
Acq On : 29 Oct 2025 11:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 2

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	91	0.00
2	1,4-Dioxane	40.000	42.495	-6.2	97	0.00
3	Pyridine	40.000	40.966	-2.4	89	0.00
4	n-Nitrosodimethylamine	40.000	40.532	-1.3	87	0.00
5 S	2-Fluorophenol	80.000	84.991	-6.2	89	0.00
6	Aniline	40.000	40.860	-2.1	87	0.00
7 S	Phenol-d6	80.000	81.009	-1.3	85	0.00
8	2-Chlorophenol	40.000	44.170	-10.4	91	0.00
9	Benzaldehyde	40.000	37.558	6.1	81	0.00
10 C	Phenol	40.000	40.664	-1.7	86	0.00
11	bis(2-Chloroethyl)ether	40.000	40.860	-2.1	87	0.00
12	1,3-Dichlorobenzene	40.000	43.073	-7.7	93	0.00
13 C	1,4-Dichlorobenzene	40.000	42.552	-6.4	92	0.00
14	1,2-Dichlorobenzene	40.000	43.105	-7.8	93	0.00
15	Benzyl Alcohol	40.000	42.201	-5.5	91	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.138	-5.3	90	0.00
17	2-Methylphenol	40.000	42.752	-6.9	88	0.00
18	Hexachloroethane	40.000	44.282	-10.7	95	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.275	-8.2	91	0.00
20	3+4-Methylphenols	40.000	41.279	-3.2	87	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	90	0.00
22	Acetophenone	40.000	42.523	-6.3	90	0.00
23 S	Nitrobenzene-d5	80.000	96.333	-20.4	96	0.00
24	Nitrobenzene	40.000	47.355	-18.4	95	0.00
25	Isophorone	40.000	41.695	-4.2	87	0.00
26 C	2-Nitrophenol	40.000	47.979	-19.9	111	0.00
27	2,4-Dimethylphenol	40.000	41.002	-2.5	84	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.170	-5.4	89	0.00
29 C	2,4-Dichlorophenol	40.000	44.058	-10.1	88	0.00
30	1,2,4-Trichlorobenzene	40.000	43.927	-9.8	92	0.00
31	Naphthalene	40.000	41.819	-4.5	89	0.00
32	Benzoic acid	40.000	38.781	3.0	90	-0.03
33	4-Chloroaniline	40.000	40.373	-0.9	86	0.00
34 C	Hexachlorobutadiene	40.000	45.306	-13.3	97	0.00
35	Caprolactam	40.000	35.362	11.6	73	-0.03
36 C	4-Chloro-3-methylphenol	40.000	40.462	-1.2	83	0.00
37	2-Methylnaphthalene	40.000	41.085	-2.7	87	0.00
38	1-Methylnaphthalene	40.000	41.190	-3.0	87	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.962	-12.4	90	0.00
41 P	Hexachlorocyclopentadiene	40.000	52.985	-32.5#	103	0.00
42 S	2,4,6-Tribromophenol	80.000	86.403	-8.0	82	0.00
43 C	2,4,6-Trichlorophenol	40.000	47.391	-18.5	90	0.00
44	2,4,5-Trichlorophenol	40.000	44.415	-11.0	85	0.00
45 S	2-Fluorobiphenyl	80.000	89.318	-11.6	89	0.00
46	1,1'-Biphenyl	40.000	43.180	-7.9	86	0.00
47	2-Chloronaphthalene	40.000	43.804	-9.5	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064618.D
 Acq On : 29 Oct 2025 11:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.351	-5.9	90	0.00
49	Acenaphthylene	40.000	41.830	-4.6	83	0.00
50	Dimethylphthalate	40.000	40.572	-1.4	79	0.00
51	2,6-Dinitrotoluene	40.000	43.351	-8.4	92	0.00
52 C	Acenaphthene	40.000	42.377	-5.9	84	0.00
53	3-Nitroaniline	40.000	43.773	-9.4	82	0.00
54 P	2,4-Dinitrophenol	40.000	44.922	-12.3	100	0.00
55	Dibenzofuran	40.000	41.281	-3.2	82	0.00
56 P	4-Nitrophenol	40.000	39.540	1.2	77	0.00
57	2,4-Dinitrotoluene	40.000	41.073	-2.7	86	0.00
58	Fluorene	40.000	40.432	-1.1	80	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	44.298	-10.7	84	0.00
60	Diethylphthalate	40.000	38.582	3.5	76	0.00
61	4-Chlorophenyl-phenylether	40.000	40.979	-2.4	81	0.00
62	4-Nitroaniline	40.000	41.786	-4.5	78	0.00
63	Azobenzene	40.000	39.183	2.0	76	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	77	0.00
65	4,6-Dinitro-2-methylphenol	40.000	47.448	-18.6	97	0.00
66 c	n-Nitrosodiphenylamine	40.000	43.085	-7.7	77	0.00
67	4-Bromophenyl-phenylether	40.000	44.163	-10.4	78	0.00
68	Hexachlorobenzene	40.000	44.415	-11.0	79	0.00
69	Atrazine	40.000	40.031	-0.1	73	0.00
70 C	Pentachlorophenol	40.000	44.939	-12.3	81	0.00
71	Phenanthrene	40.000	41.397	-3.5	75	0.00
72	Anthracene	40.000	40.436	-1.1	73	0.00
73	Carbazole	40.000	39.556	1.1	73	0.00
74	Di-n-butylphthalate	40.000	40.184	-0.5	71	0.00
75 C	Fluoranthene	40.000	39.193	2.0	72	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	78	0.00
77	Benzydine	40.000	45.404	-13.5	81	0.00
78	Pyrene	40.000	40.467	-1.2	73	0.00
79 S	Terphenyl-d14	80.000	81.066	-1.3	74	0.00
80	Butylbenzylphthalate	40.000	46.801	-17.0	80	0.00
81	Benzo(a)anthracene	40.000	42.093	-5.2	77	0.00
82	3,3'-Dichlorobenzidine	40.000	43.737	-9.3	80	0.00
83	Chrysene	40.000	41.154	-2.9	76	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.515	-13.8	78	0.00
85 c	Di-n-octyl phthalate	40.000	48.350	-20.9#	87	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.308	-3.3	82	-0.02
88	Benzo(b)fluoranthene	40.000	40.302	-0.8	79	0.00
89	Benzo(k)fluoranthene	40.000	40.260	-0.6	82	0.00
90 C	Benzo(a)pyrene	40.000	41.067	-2.7	82	-0.02
91	Dibenzo(a,h)anthracene	40.000	41.529	-3.8	83	-0.03
92	Benzo(g,h,i)perylene	40.000	41.308	-3.3	82	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064618.D
Acq On : 29 Oct 2025 11:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Oct 29 12:00:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



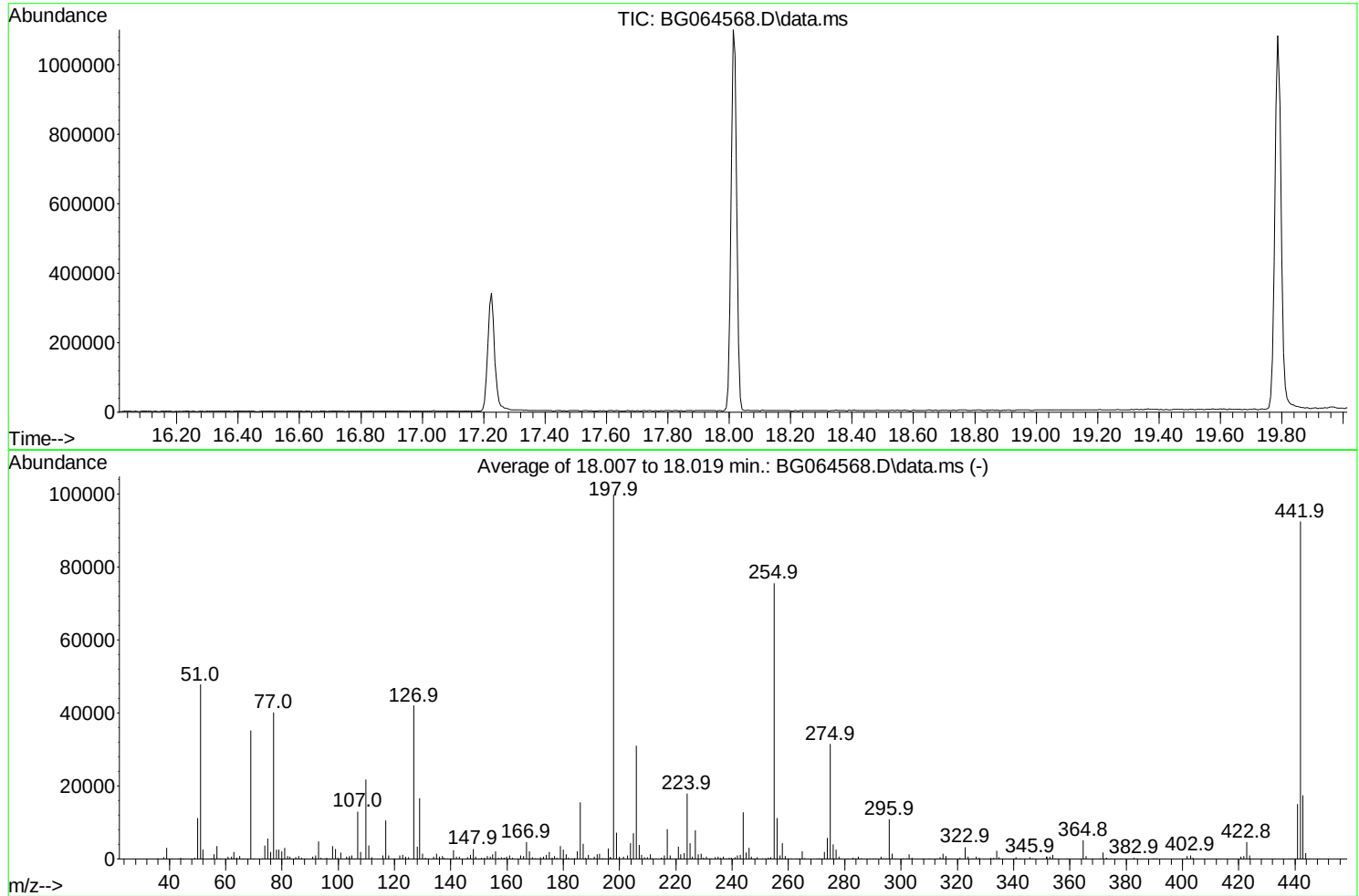
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



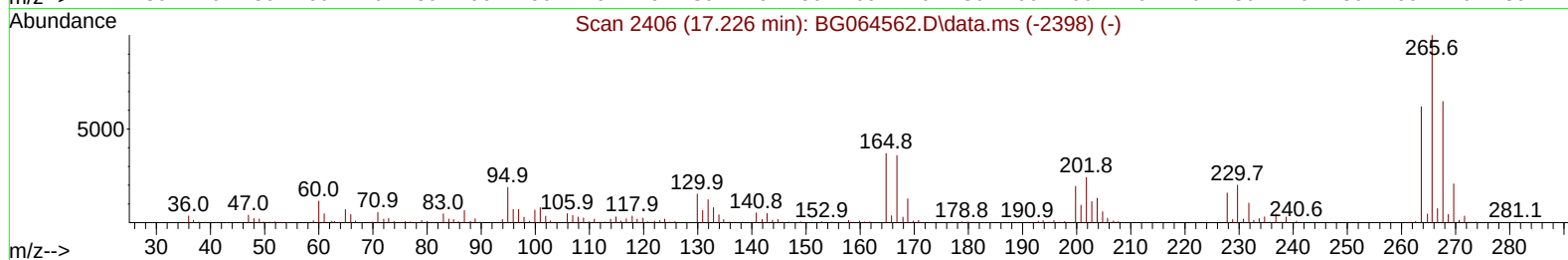
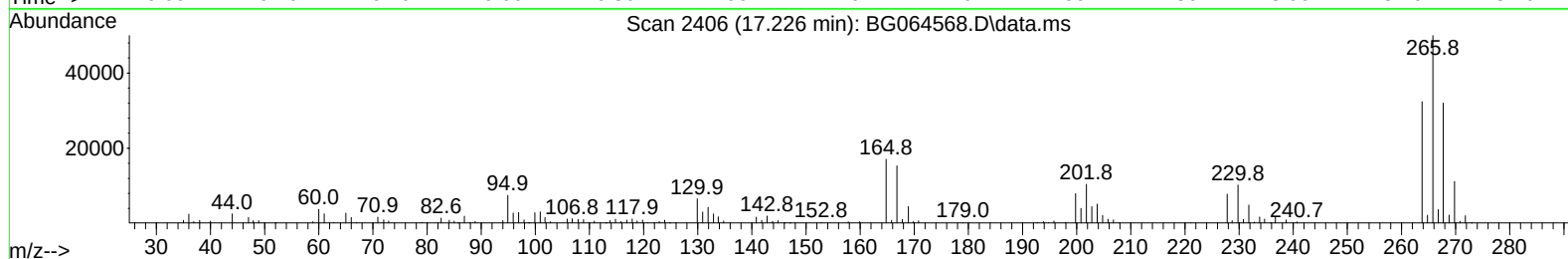
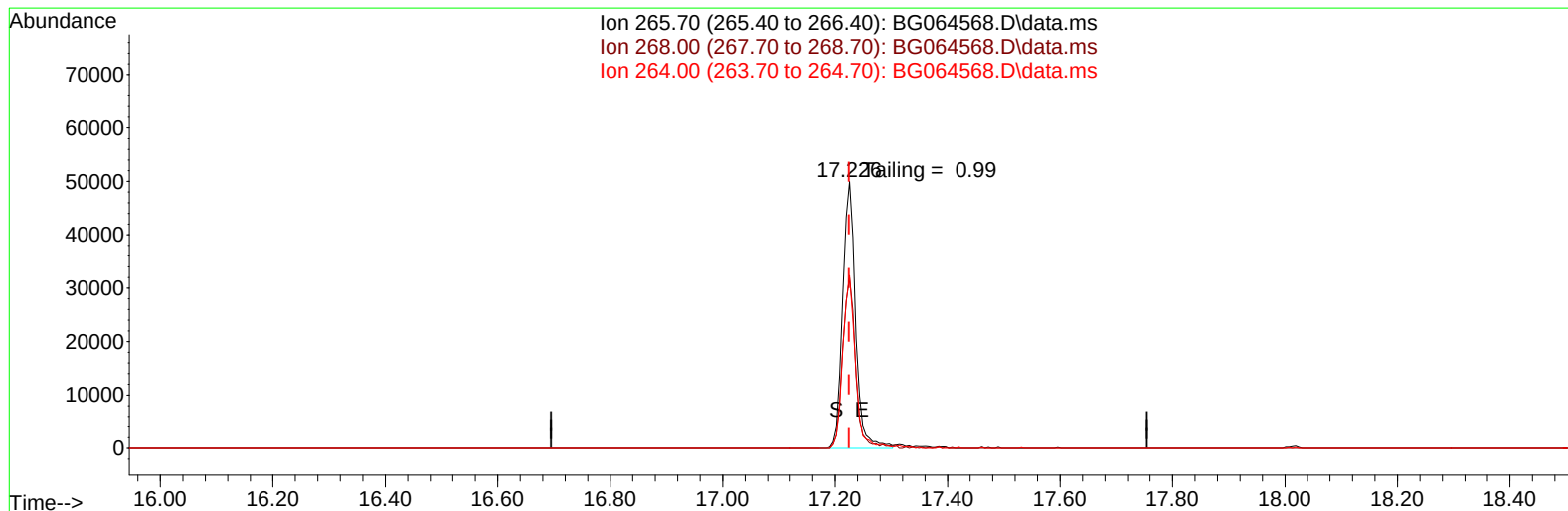
AutoFind: Scans 2539, 2540, 2541; Background Corrected with Scan 2533

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	35203	PASS
70	69	0.00	2	0.2	70	PASS
197	198	0.00	2	0.4	428	PASS
198	198	100	100	100.0	99864	PASS
199	198	5	9	7.2	7222	PASS
365	198	1	100	5.1	5094	PASS
441	443	0.01	150	86.3	15073	PASS
442	442	100	100	100.0	92525	PASS
443	442	15	24	18.9	17468	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(70) Pentachlorophenol (C)

17.226min (+ 0.001) 15878.32 ng

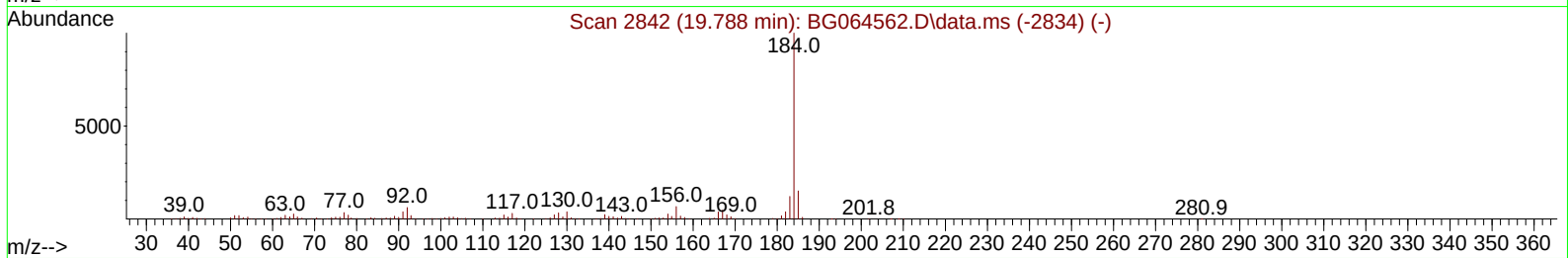
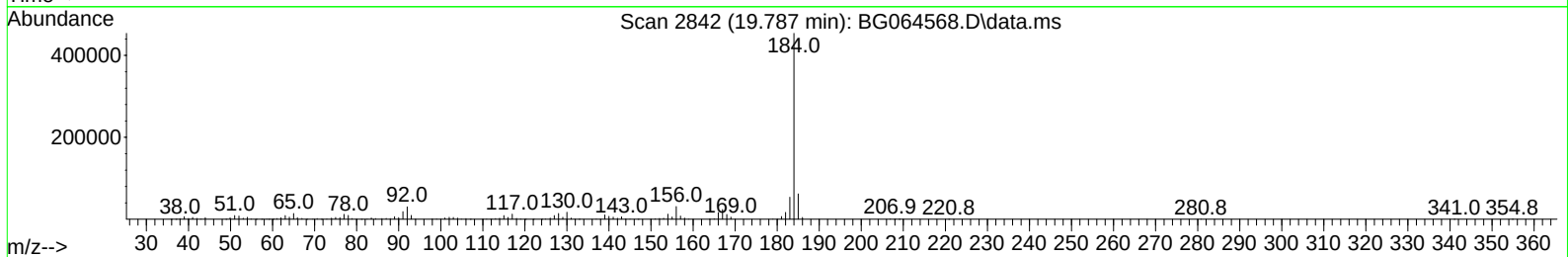
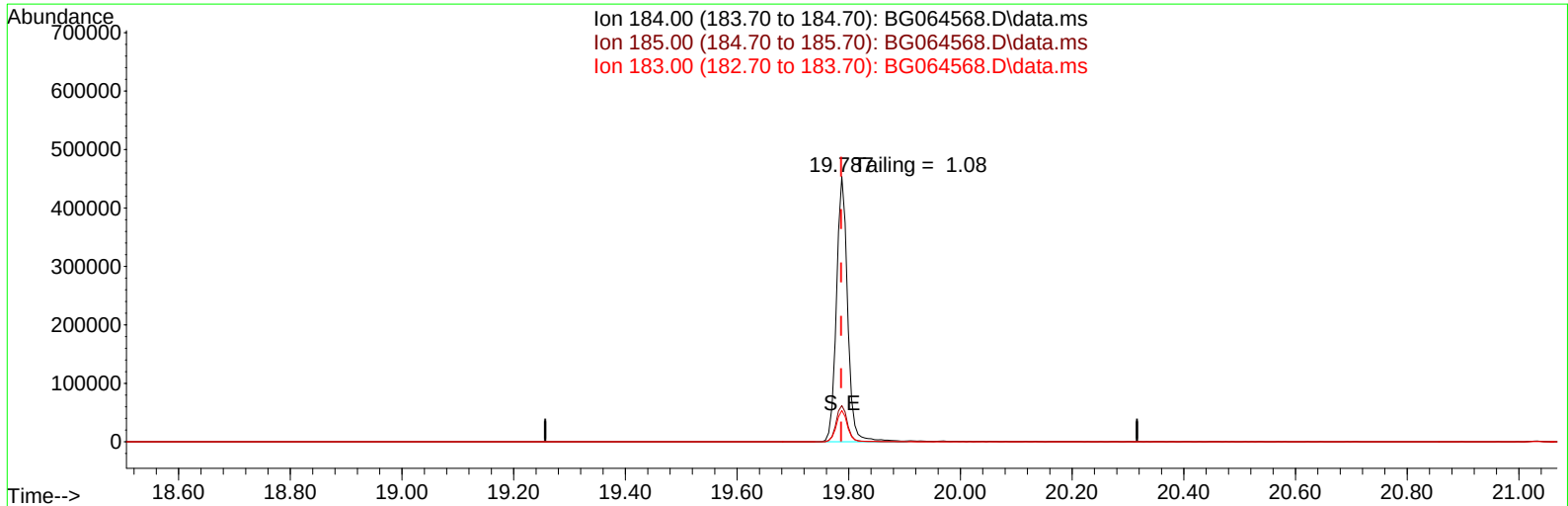
response 79720

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	69.10	64.11
264.00	61.90	64.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064568.D
Acq On : 24 Oct 2025 8:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 24 12:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 12:16:12 2025
Response via : Initial Calibration



TIC: BG064568.D\data.ms

(77) Benzidine

19.787min (+ 0.001) 0.00 ng

response 632825

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.00	13.68
183.00	12.10	11.84
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

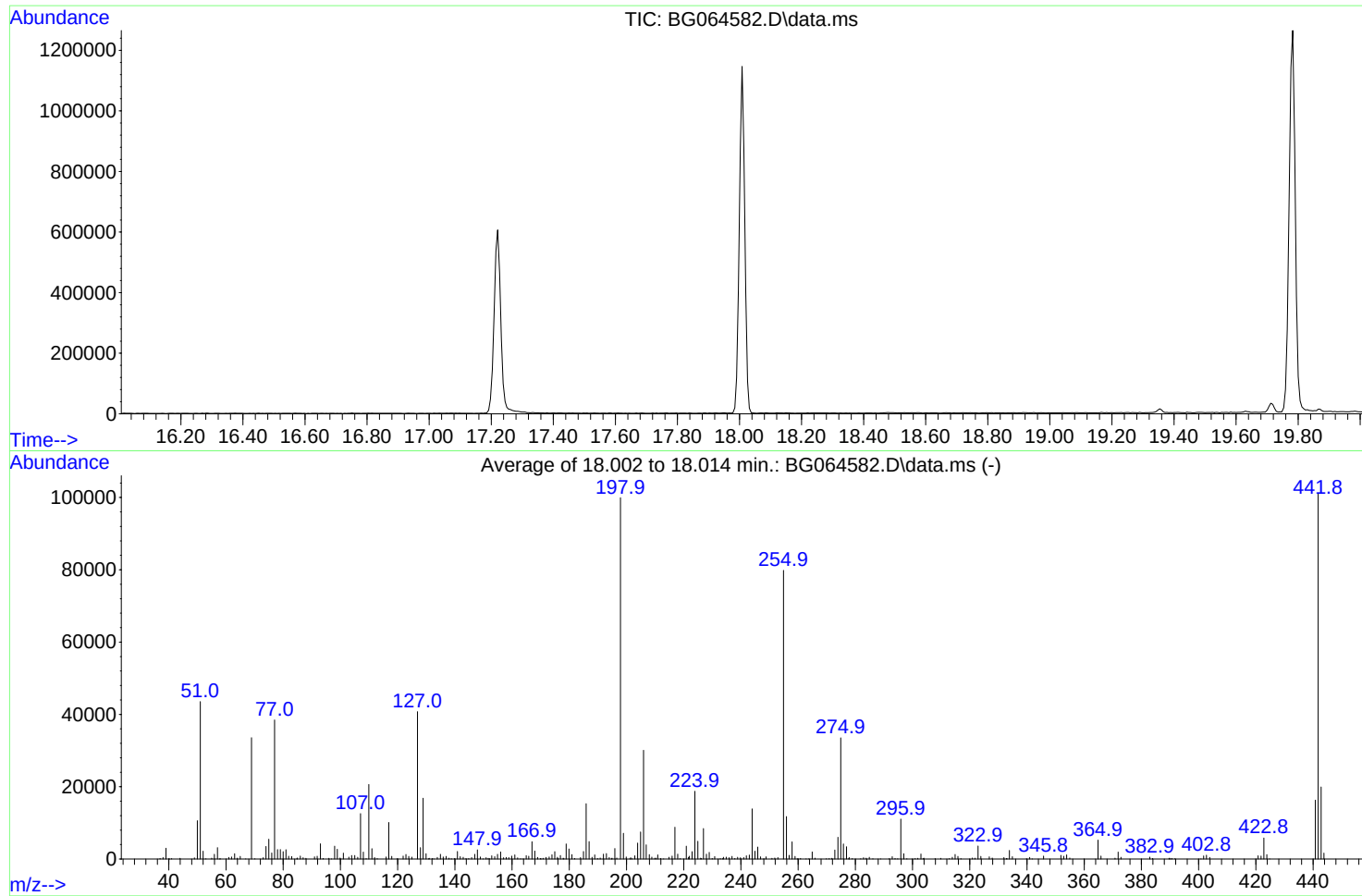
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_G	<u>BG064568.D</u>
Compound Name	Response	Retention Time
DDT	249894	21.033
DDD	4771	20.586
DDE	827	20.087
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5598	255492	2.19

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064582.D
Acq On : 27 Oct 2025 11:16
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



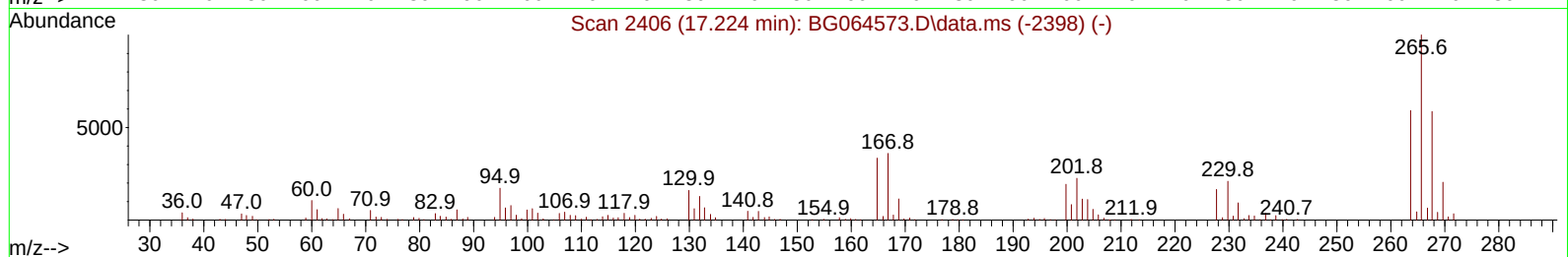
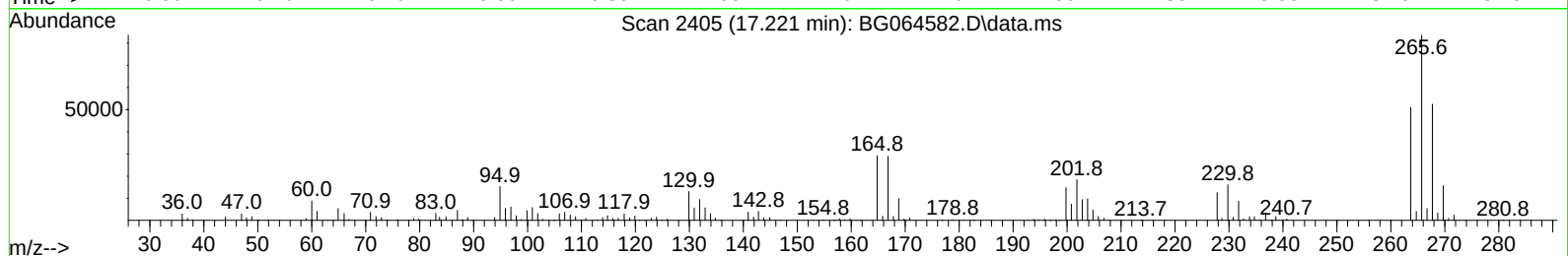
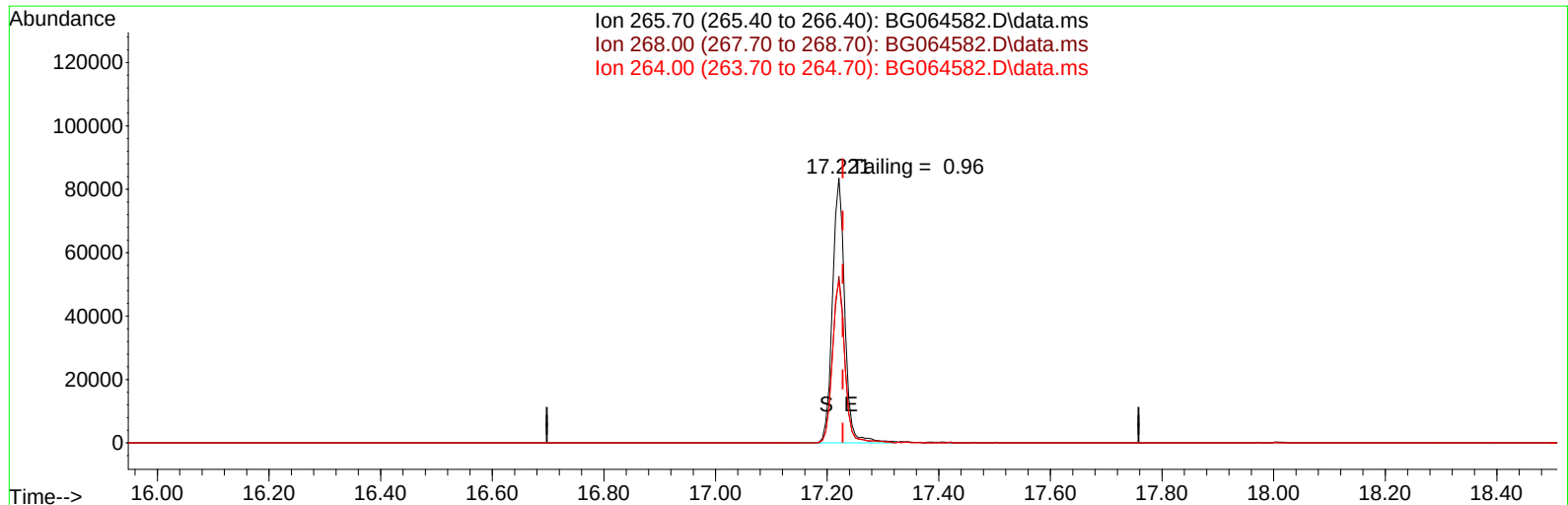
AutoFind: Scans 2538, 2539, 2540; Background Corrected with Scan 2531

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	33541	PASS
70	69	0.00	2	0.2	69	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	99925	PASS
199	198	5	9	7.1	7116	PASS
365	198	1	100	5.2	5240	PASS
441	443	0.01	150	81.8	16292	PASS
442	442	100	100	100.0	100981	PASS
443	442	15	24	19.7	19929	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064582.D
Acq On : 27 Oct 2025 11:16
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064582.D\data.ms

(70) Pentachlorophenol (C)

17.221min (-0.007) 22087.76 ng

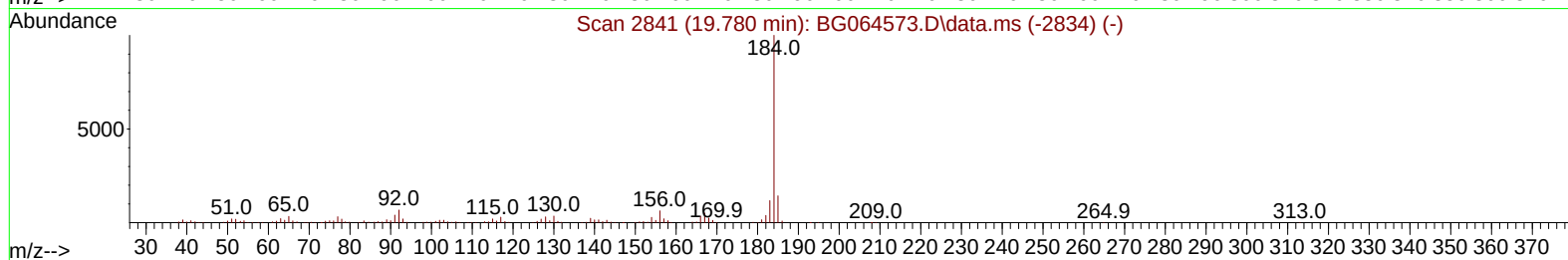
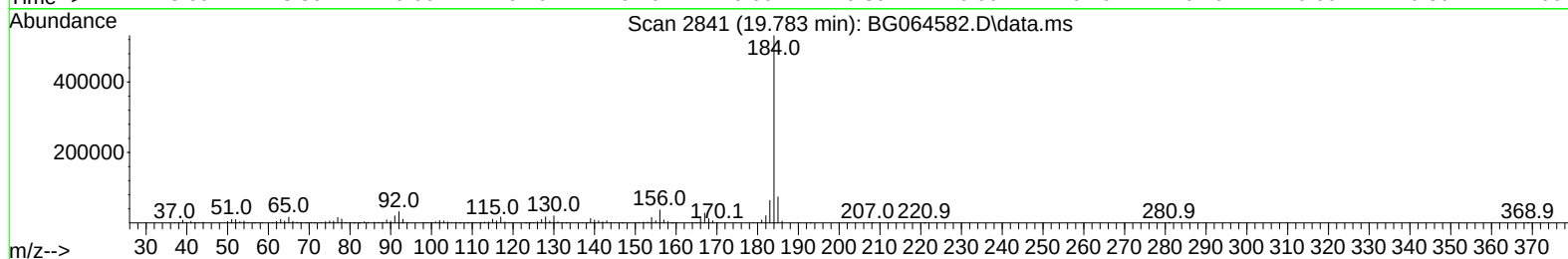
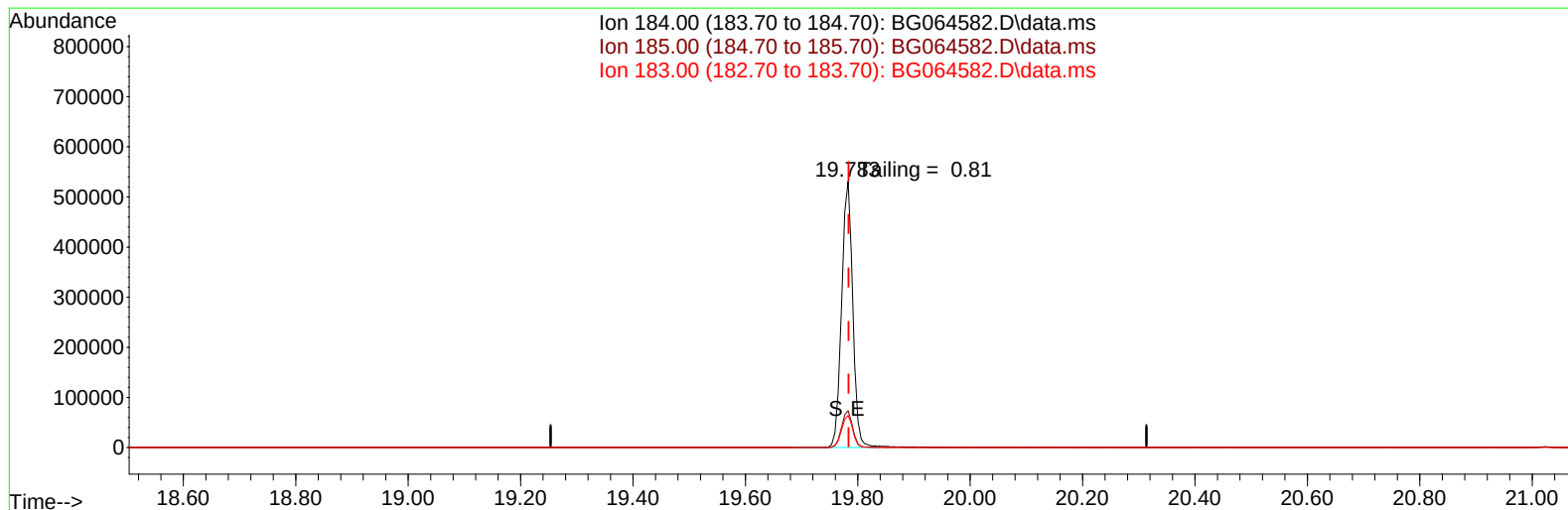
response 128671

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	66.87
264.00	59.10	66.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064582.D
Acq On : 27 Oct 2025 11:16
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064582.D\data.ms

(77) Benzidine

19.783min (-0.001) 0.00 ng

response 736001

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.87
183.00	11.80	12.04
0.00	0.00	0.00

Instrument :

BNA_G

ClientSampleId :

DFTPP

DDT Breakdown

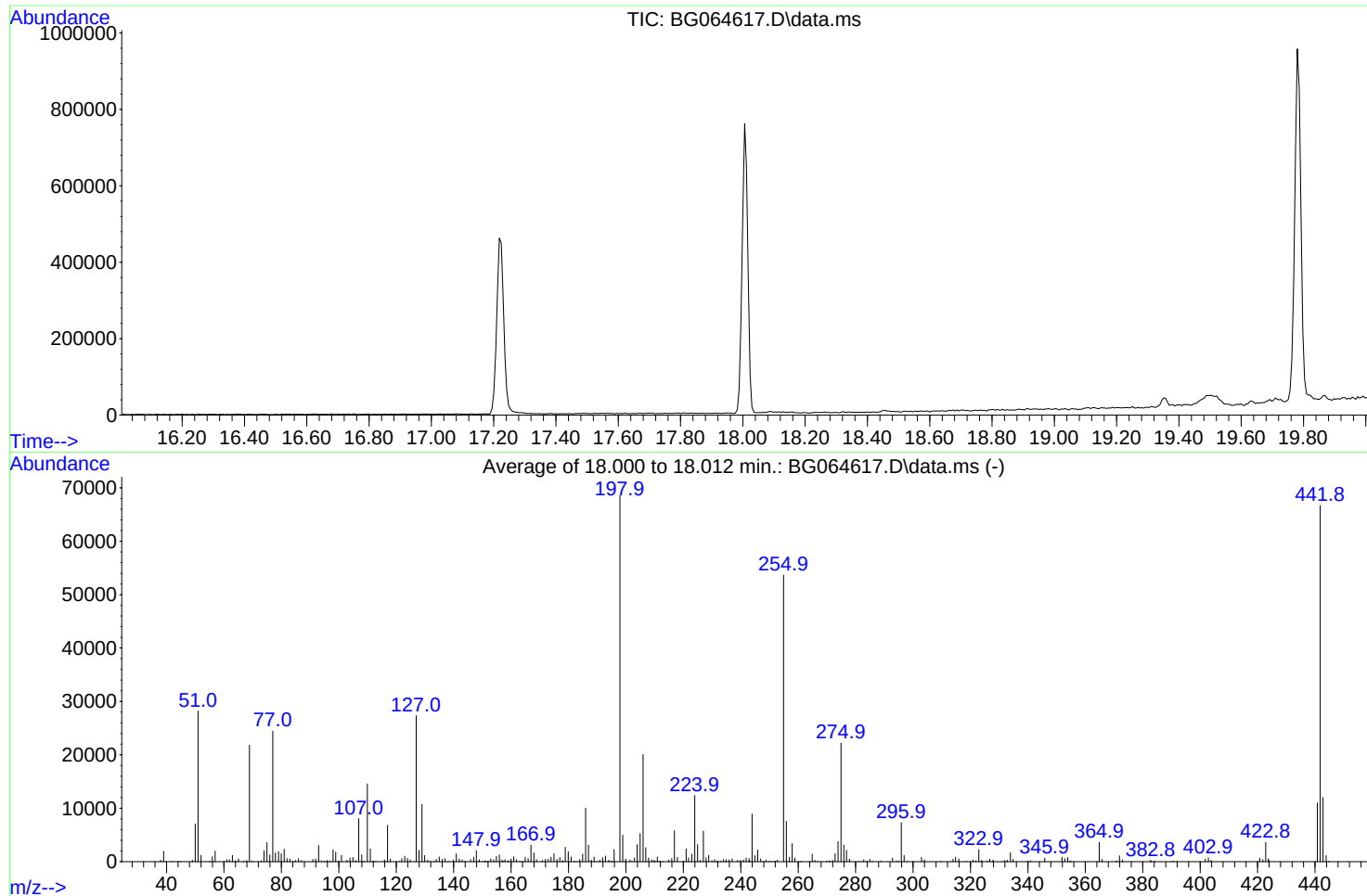
Date	Instrument Name	DFTPP Data File
10/27/2025	BNA_G	<u>BG064582.D</u>
Compound Name	Response	Retention Time
DDT	310182	21.022
DDD	7570	20.576
DDE	57	19.706
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7627	317809	2.40

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064617.D
Acq On : 29 Oct 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025



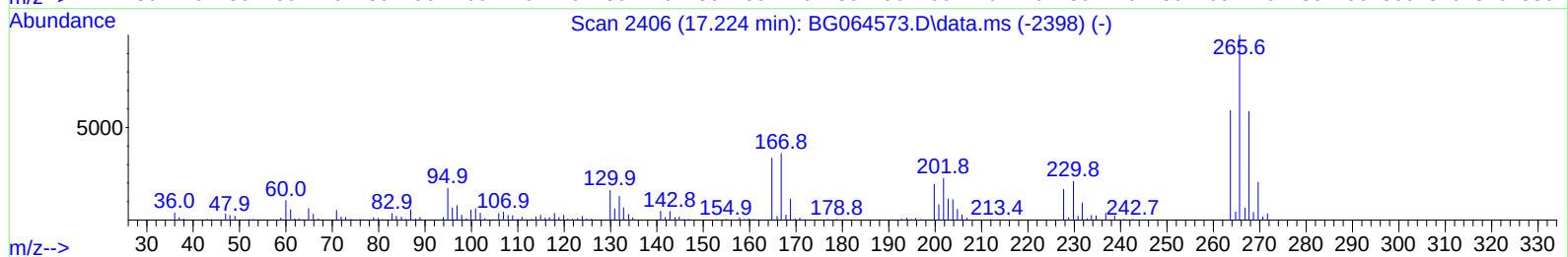
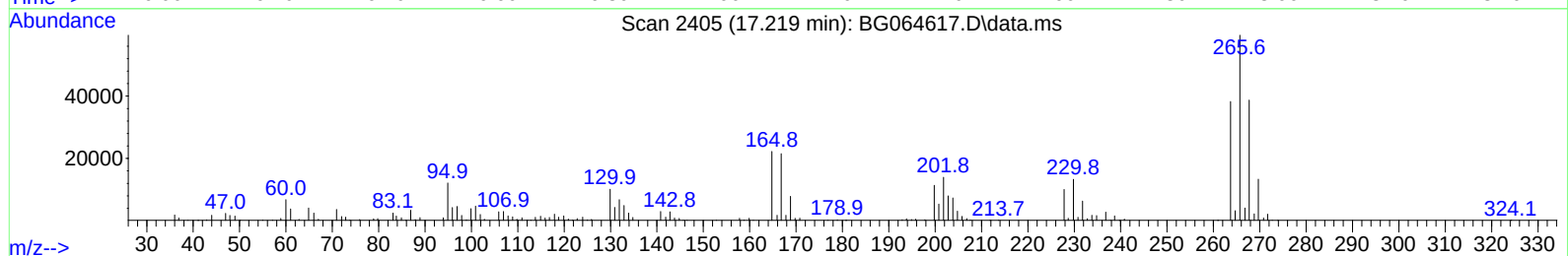
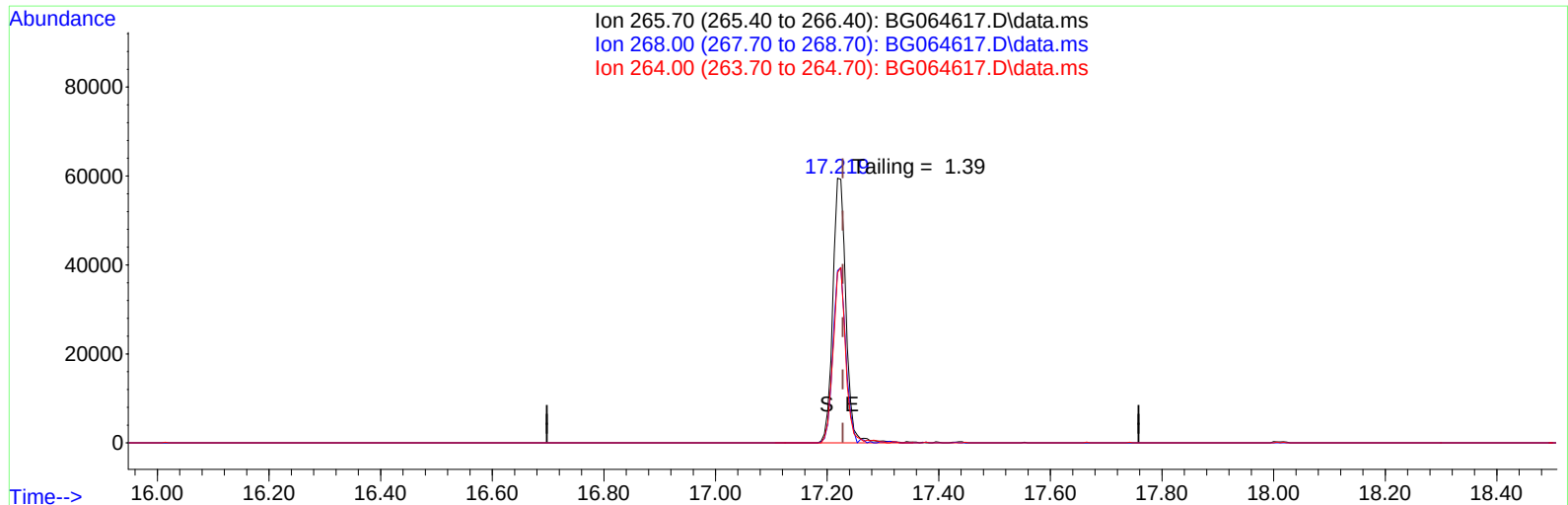
AutoFind: Scans 2538, 2539, 2540; Background Corrected with Scan 2532

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.0	229	PASS
69	69	100	100	100.0	21821	PASS
70	69	0.00	2	0.6	135	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	68565	PASS
199	198	5	9	7.3	4984	PASS
365	198	1	100	5.3	3612	PASS
441	443	0.01	150	91.7	11008	PASS
442	442	100	100	100.0	66685	PASS
443	442	15	24	18.0	12010	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064617.D
Acq On : 29 Oct 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 29 11:21:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064617.D\data.ms

(70) Pentachlorophenol (C)

17.219min (-0.009) 35052.04 ng

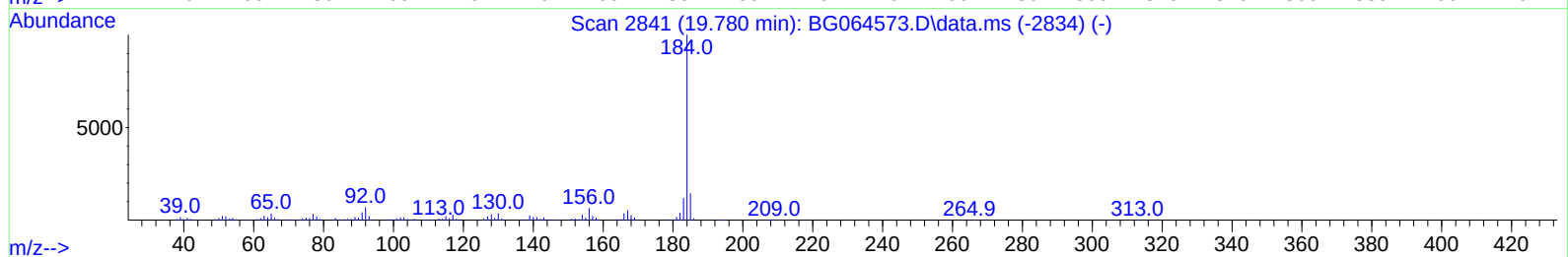
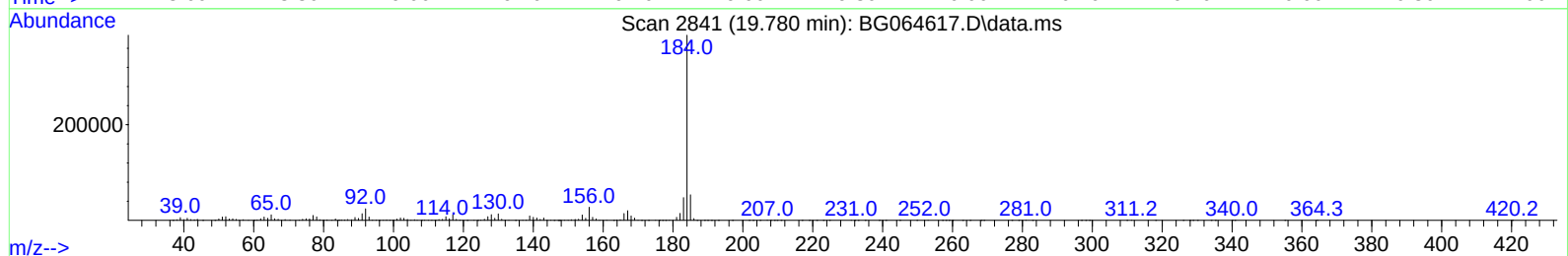
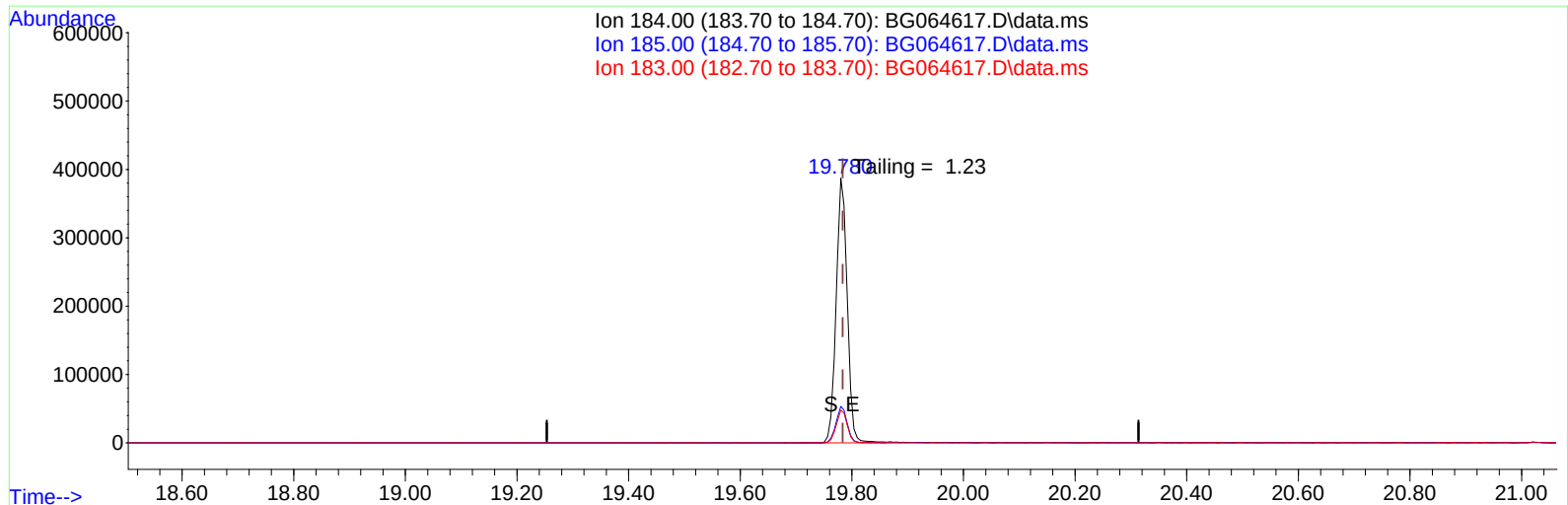
response 97221

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.90	65.04
264.00	59.10	69.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064617.D
Acq On : 29 Oct 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Oct 29 11:21:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



TIC: BG064617.D\data.ms

(77) Benzidine**19.780min (-0.003) 345166.57 ng****response 533588**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.80
183.00	11.80	12.33
0.00	0.00	0.00

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_G	<u>BG064617.D</u>
Compound Name	Response	Retention Time
DDT	244663	21.026
DDD	3569	20.573
DDE	0	19.706
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3569	248232	1.44



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170215BL
Lab Sample ID: PB170215BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/2015

Date Collected:
Date Received:
SDG No.: Q3422
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/29/25 13:25	PB170215
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/29/25 13:25	PB170215
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/29/25 13:25	PB170215
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/29/25 13:25	PB170215
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/29/25 13:25	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/29/25 13:25	PB170215
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/29/25 13:25	PB170215
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	ug/Kg	10/29/25 13:25	PB170215
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/29/25 13:25	PB170215
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/29/25 13:25	PB170215
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/29/25 13:25	PB170215
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/29/25 13:25	PB170215
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/29/25 13:25	PB170215
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/29/25 13:25	PB170215
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/29/25 13:25	PB170215
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/29/25 13:25	PB170215
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/29/25 13:25	PB170215
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/29/25 13:25	PB170215
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/29/25 13:25	PB170215
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/29/25 13:25	PB170215
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/29/25 13:25	PB170215
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/29/25 13:25	PB170215
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/29/25 13:25	PB170215
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/29/25 13:25	PB170215
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/29/25 13:25	PB170215
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/29/25 13:25	PB170215
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/29/25 13:25	PB170215
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/29/25 13:25	PB170215
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/29/25 13:25	PB170215
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/29/25 13:25	PB170215
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/29/25 13:25	PB170215
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/29/25 13:25	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/29/25 13:25	PB170215



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Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170215BL
Lab Sample ID: PB170215BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/25

Date Collected:
Date Received:
SDG No.: Q3422
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/29/25 13:25	PB170215
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/29/25 13:25	PB170215
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/29/25 13:25	PB170215
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/29/25 13:25	PB170215
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/29/25 13:25	PB170215
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/29/25 13:25	PB170215
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/29/25 13:25	PB170215
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/29/25 13:25	PB170215
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/29/25 13:25	PB170215
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/29/25 13:25	PB170215
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/29/25 13:25	PB170215
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/29/25 13:25	PB170215
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/29/25 13:25	PB170215
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/29/25 13:25	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/29/25 13:25	PB170215
117-84-0	Di-n-octyl phthalate	330	U	1	86.8	330	ug/Kg	10/29/25 13:25	PB170215
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/29/25 13:25	PB170215
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/29/25 13:25	PB170215
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/29/25 13:25	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/29/25 13:25	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215

SURROGATES

367-12-4	2-Fluorophenol	139			18 - 112	92%	SPK: 150
13127-88-3	Phenol-d6	139			15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	110	*		18 - 107	110%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8			20 - 109	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161			10 - 116	108%	SPK: 150
1718-51-0	Terphenyl-d14	90.8			10 - 105	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	34000
1146-65-2	Naphthalene-d8	131000
15067-26-2	Acenaphthene-d10	98300
1517-22-2	Phenanthrene-d10	248000
1719-03-5	Chrysene-d12	318000
1520-96-3	Perylene-d12	369000



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Fax : 908 789 8922

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170215BL		SDG No.:	Q3422
Lab Sample ID:	PB170215BL		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Time: Oct 29 14:03:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	33974	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	131027	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	98338	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	248117	20.000	ng	0.00
76) Chrysene-d12	21.848	240	318243	20.000	ng	-0.02
86) Perylene-d12	25.191	264	369003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	280581	138.622	ng	0.00
7) Phenol-d6	7.353	99	385276	138.716	ng	0.00
23) Nitrobenzene-d5	9.380	82	240197	110.106	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	229169	161.465	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	628128	96.817	ng	0.00
79) Terphenyl-d14	20.167	244	1531012	90.788	ng	0.00

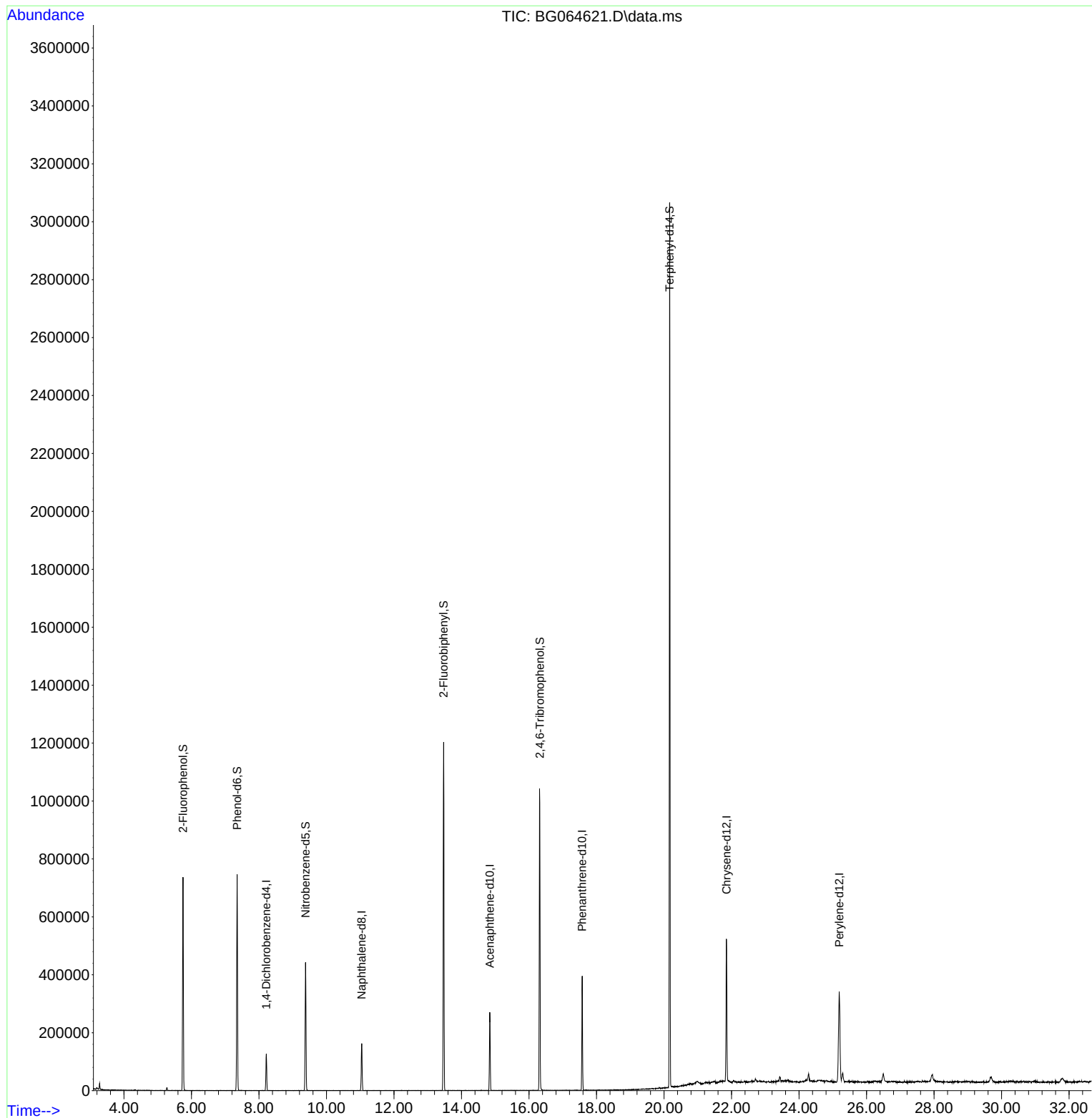
Target Compounds	Qvalue

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

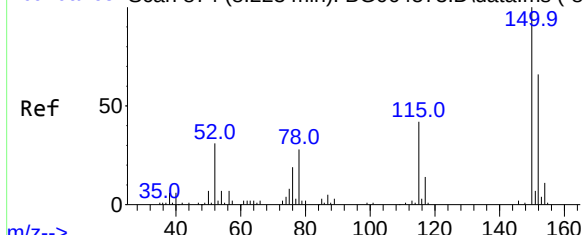
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Time: Oct 29 14:03:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.216 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

Instrument :

BNA_G

ClientSampleId :

PB170215BL

Tgt Ion:152 Resp: 33974

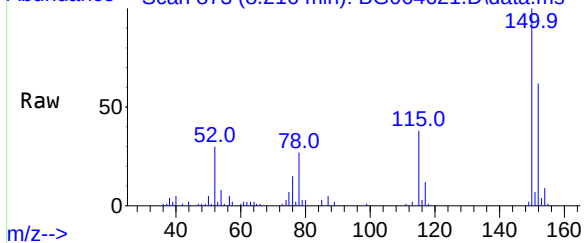
Ion Ratio Lower Upper

152 100

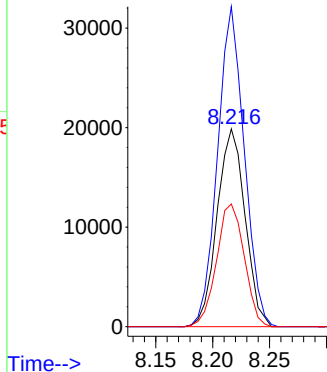
150 161.9 122.2 183.4

115 62.1 50.8 76.2

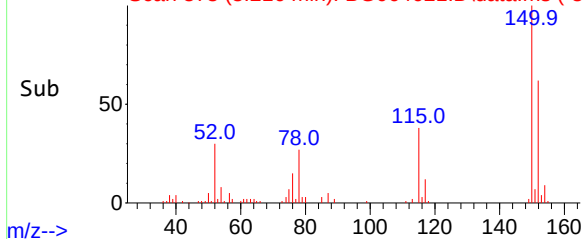
Abundance Scan 873 (8.216 min): BG064621.D\data.ms



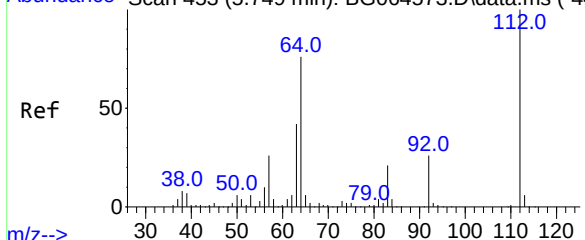
Abundance



Abundance Scan 873 (8.216 min): BG064621.D\data.ms (-85



Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



#5

2-Fluorophenol

Concen: 138.622 ng

RT: 5.749 min Scan# 453

Delta R.T. 0.002 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

Tgt Ion:112 Resp: 280581

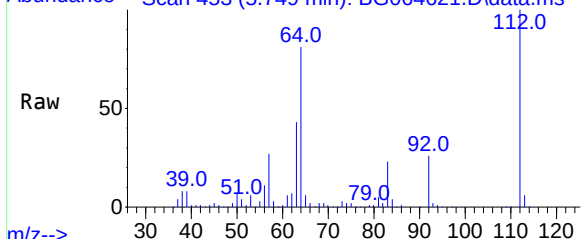
Ion Ratio Lower Upper

112 100

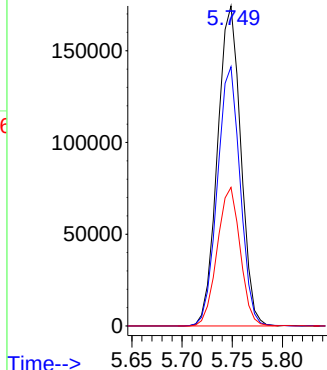
64 81.0 60.7 91.1

63 43.3 33.4 50.0

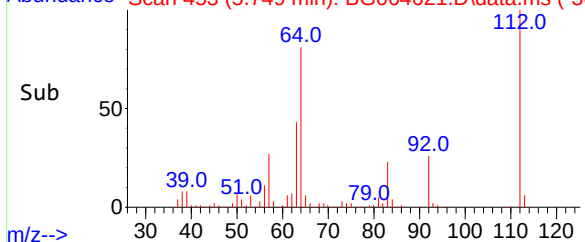
Abundance Scan 453 (5.749 min): BG064621.D\data.ms



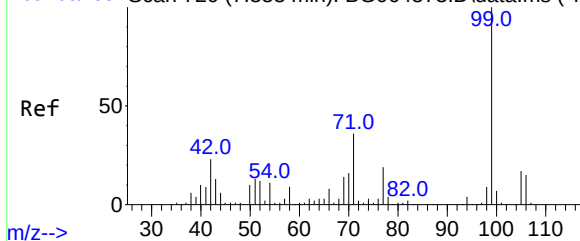
Abundance



Abundance Scan 453 (5.749 min): BG064621.D\data.ms (-36



Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



#7

Phenol-d6

Concen: 138.716 ng

RT: 7.353 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

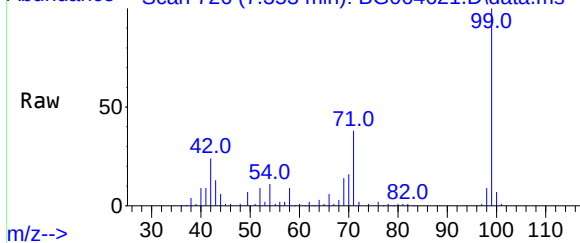
Instrument :

BNA_G

ClientSampleId :

PB170215BL

Abundance Scan 726 (7.353 min): BG064621.D\data.ms



Tgt Ion: 99 Resp: 385276

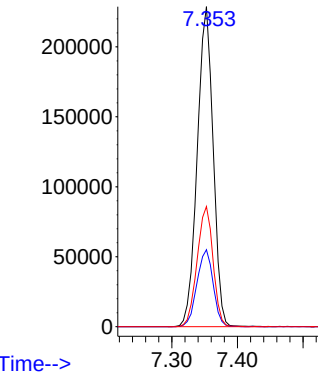
Ion Ratio Lower Upper

99 100

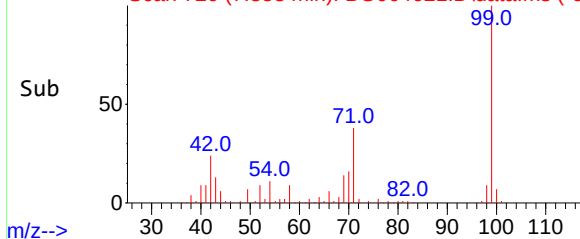
42 24.1 18.3 27.5

71 37.5 28.6 43.0

Abundance

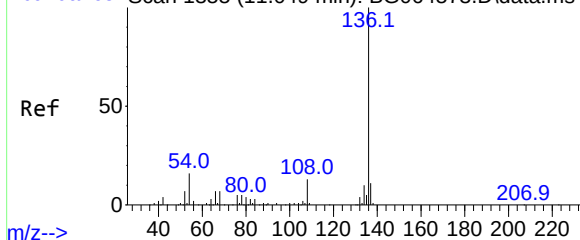


Abundance Scan 726 (7.353 min): BG064621.D\data.ms (-63



Time-->

Abundance Scan 1355 (11.049 min): BG064573.D\data.ms (-



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.043 min Scan# 1354

Delta R.T. -0.010 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

Tgt Ion:136 Resp: 131027

Ion Ratio Lower Upper

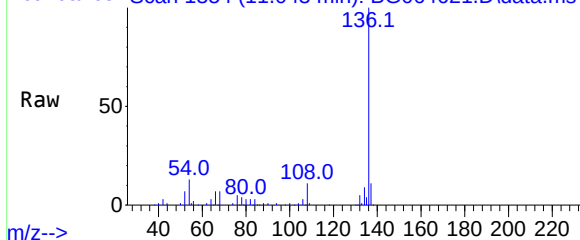
136 100

137 10.9 9.2 13.8

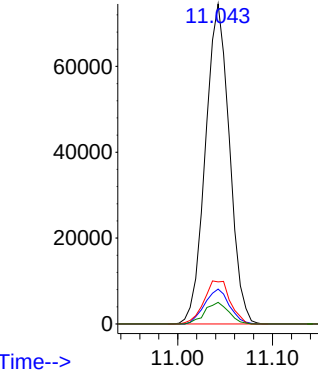
54 13.2 12.6 19.0

68 6.7 5.7 8.5

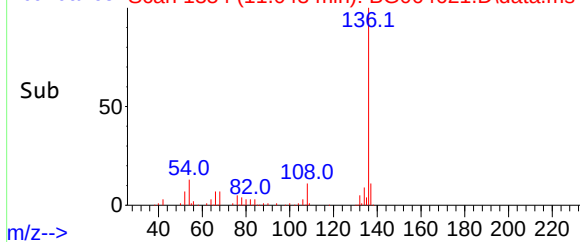
Abundance Scan 1354 (11.043 min): BG064621.D\data.ms



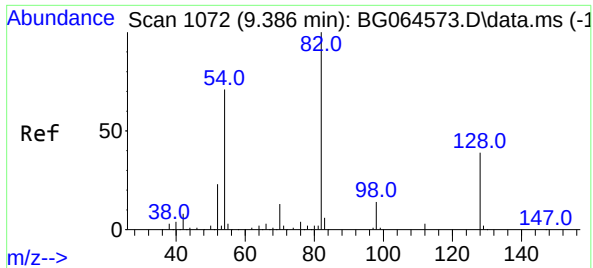
Abundance



Abundance Scan 1354 (11.043 min): BG064621.D\data.ms (-



Time-->



#23

Nitrobenzene-d5

Concen: 110.106 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

Instrument :

BNA_G

ClientSampleId :

PB170215BL

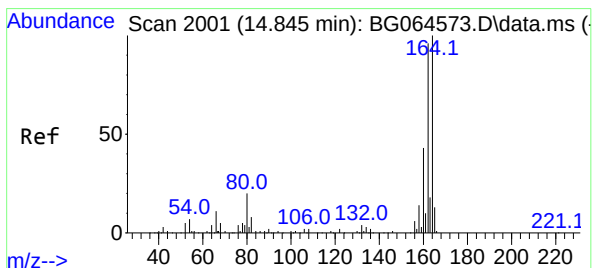
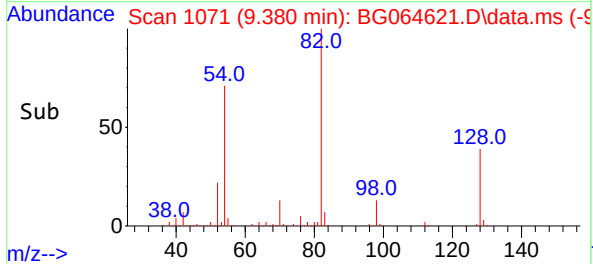
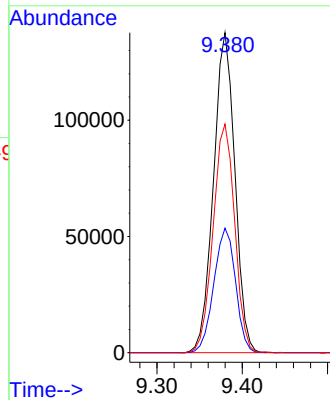
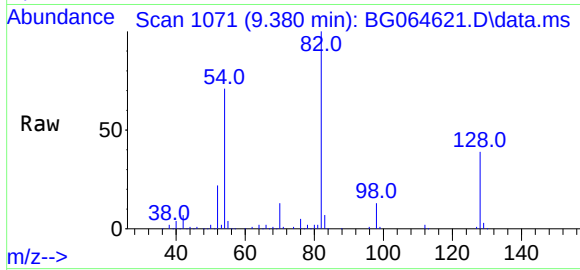
Tgt Ion: 82 Resp: 240197

Ion Ratio Lower Upper

82 100

128 38.9 31.3 46.9

54 71.4 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

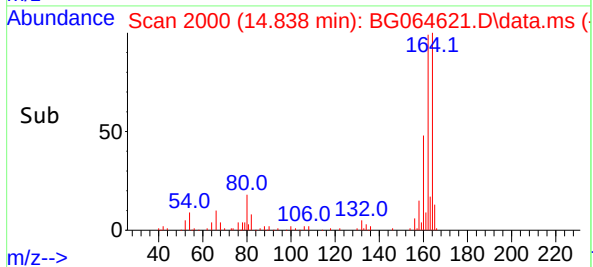
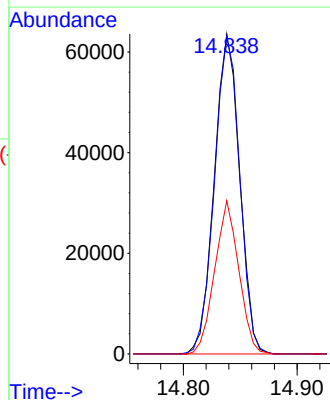
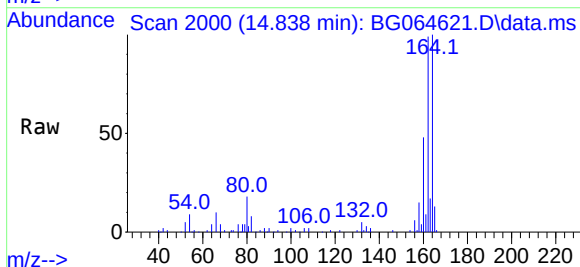
Tgt Ion:164 Resp: 98338

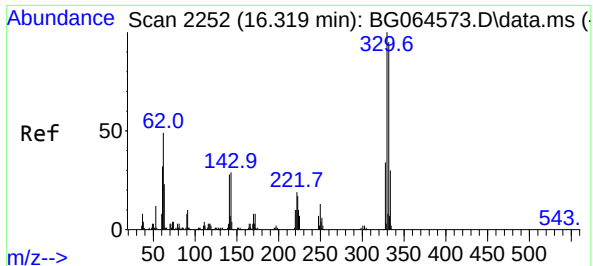
Ion Ratio Lower Upper

164 100

162 99.3 77.0 115.6

160 47.9 34.4 51.6

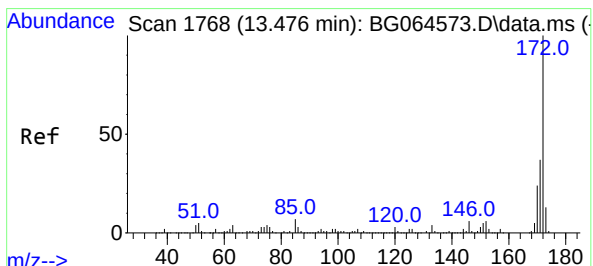
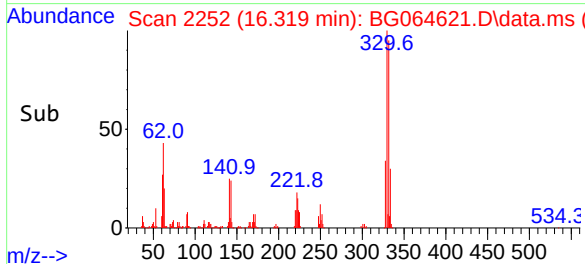
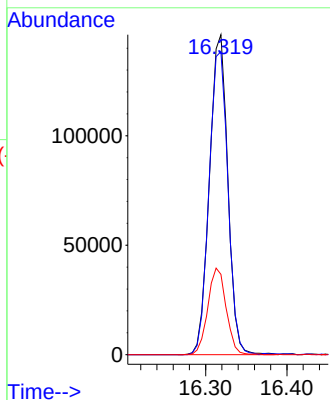
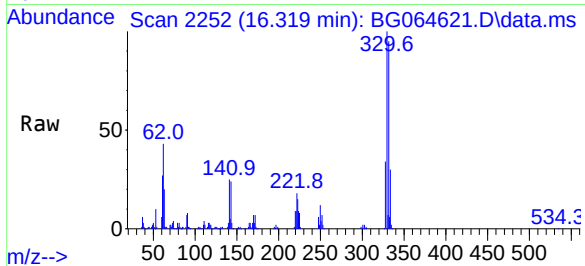




#42
2,4,6-Tribromophenol
Concen: 161.465 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

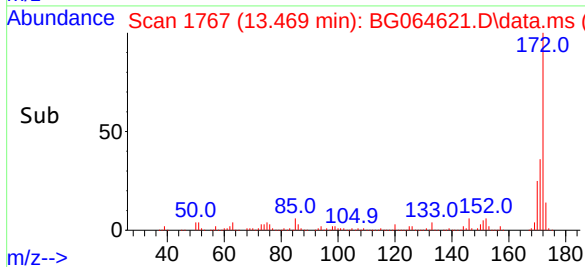
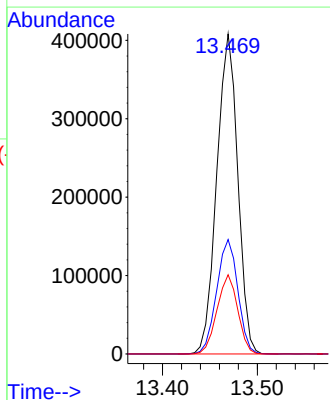
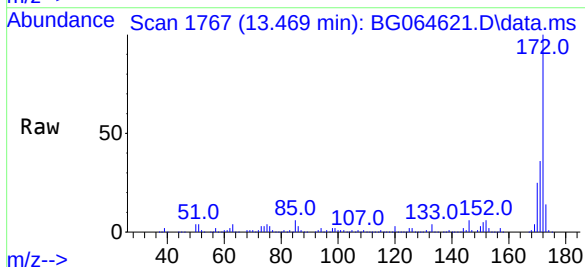
Instrument :
BNA_G
ClientSampleId :
PB170215BL

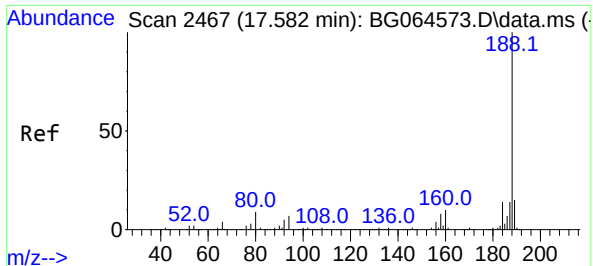
Tgt Ion:330 Resp: 229169
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.1 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 96.817 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:172 Resp: 628128
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.8 19.1 28.7

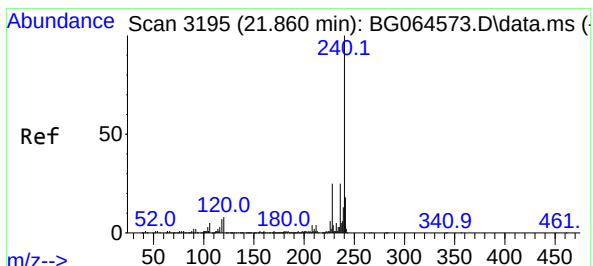
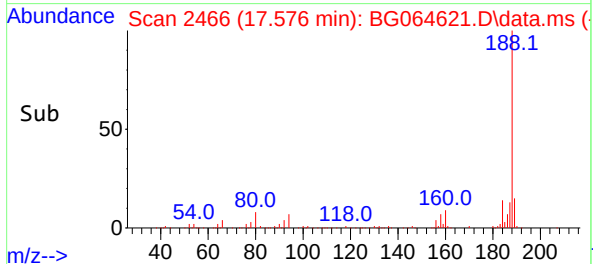
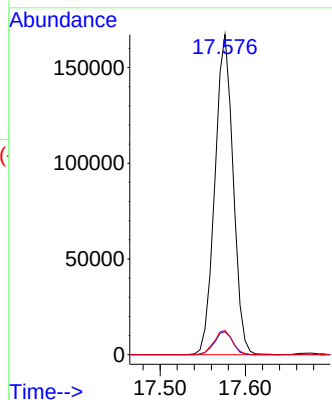
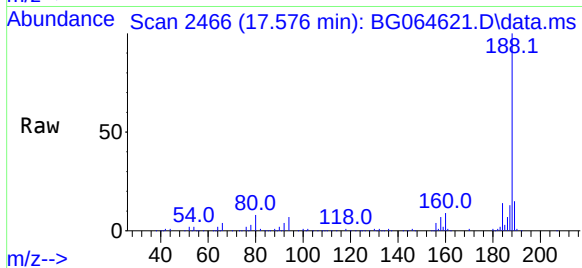




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

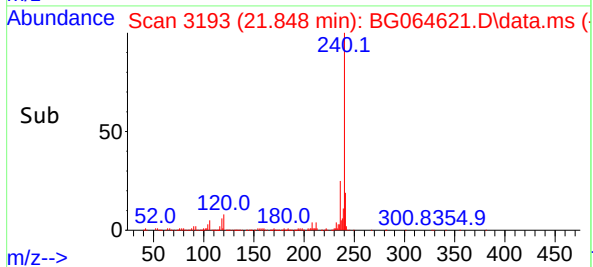
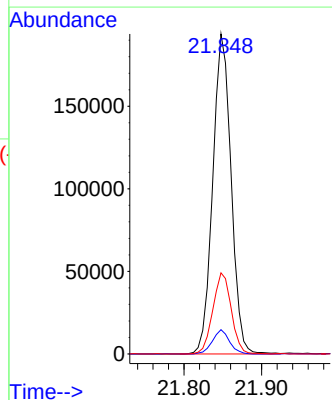
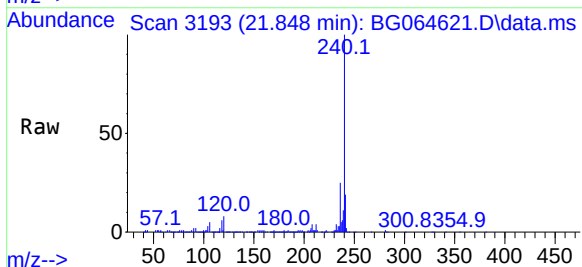
Instrument :
BNA_G
ClientSampleId :
PB170215BL

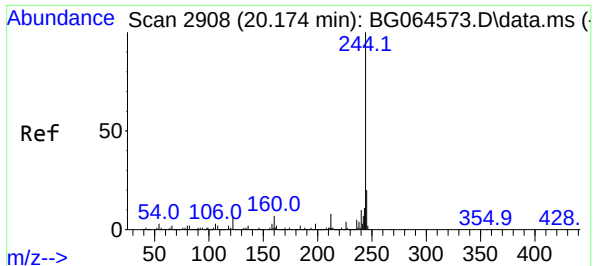
Tgt Ion:188 Resp: 248117
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:240 Resp: 318243
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2

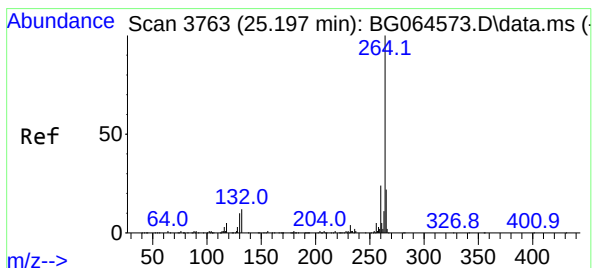
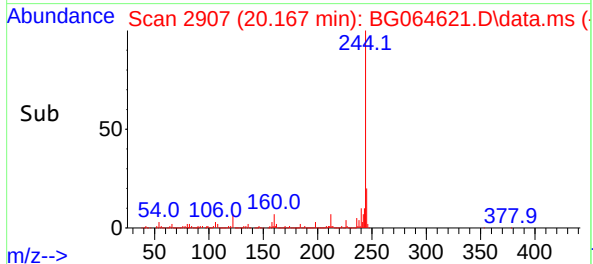
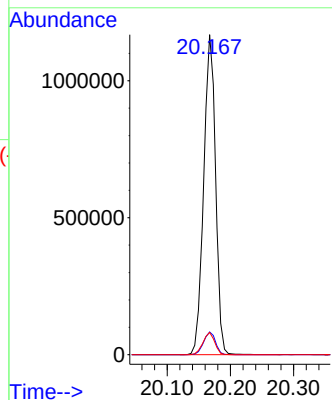
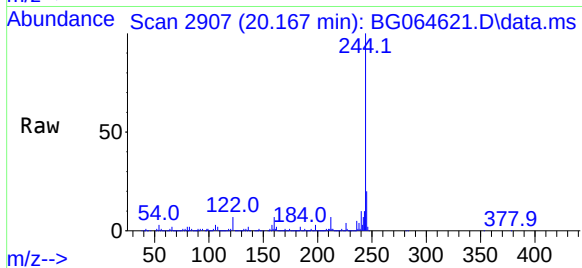




#79
Terphenyl-d14
Concen: 90.788 ng
RT: 20.167 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

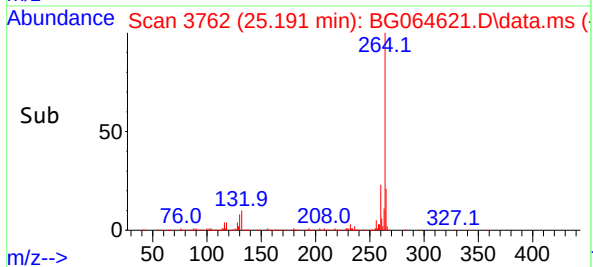
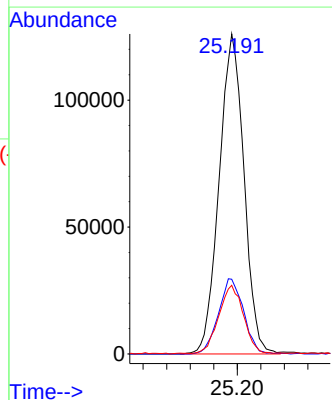
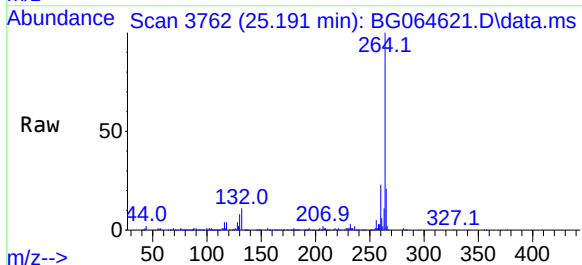
Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion:244 Resp: 1531012
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 7.0 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:264 Resp: 369003
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.4 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064621.D
 Acq On : 29 Oct 2025 13:25
 Operator : RC/JU
 Sample : PB170215BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BL

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_G\Methods\8270-BG102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.749	445	453	461	rBV	736299	1176882	29.66%	8.360%
2	7.353	717	726	733	rBV	746346	1274418	32.12%	9.053%
3	8.216	866	873	880	rVB	126297	212505	5.36%	1.510%
4	9.380	1063	1071	1078	rBV	442409	777277	19.59%	5.522%
5	11.043	1344	1354	1362	rBV	162352	294281	7.42%	2.090%
6	13.469	1760	1767	1774	rBV	1202173	1855560	46.77%	13.181%
7	14.838	1993	2000	2008	rBV	270056	418534	10.55%	2.973%
8	16.313	2244	2251	2263	rBV	1042193	1646496	41.50%	11.696%
9	17.576	2459	2466	2473	rBV	394044	587050	14.80%	4.170%
10	20.167	2901	2907	2917	rBV	3054784	3967474	100.00%	28.184%
11	21.848	3186	3193	3201	rBV2	492613	821231	20.70%	5.834%
12	24.286	3601	3608	3615	rVB3	25469	62345	1.57%	0.443%
13	25.191	3751	3762	3772	rBV	308414	911115	22.96%	6.472%
14	26.495	3977	3984	3996	rVB5	25920	72023	1.82%	0.512%

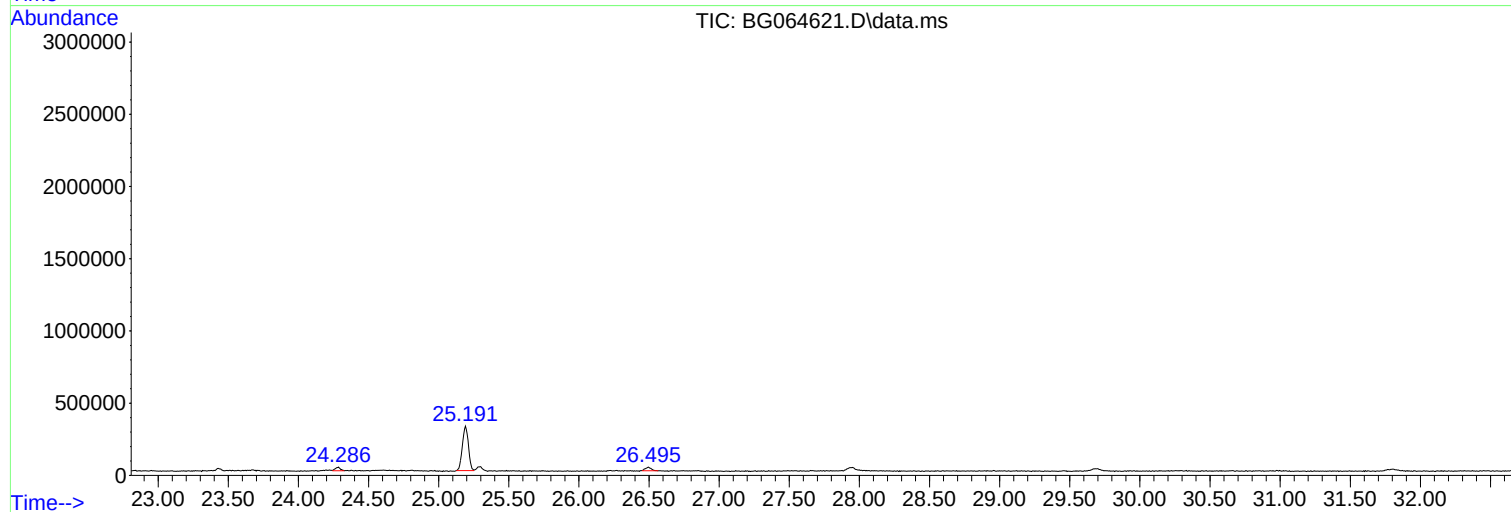
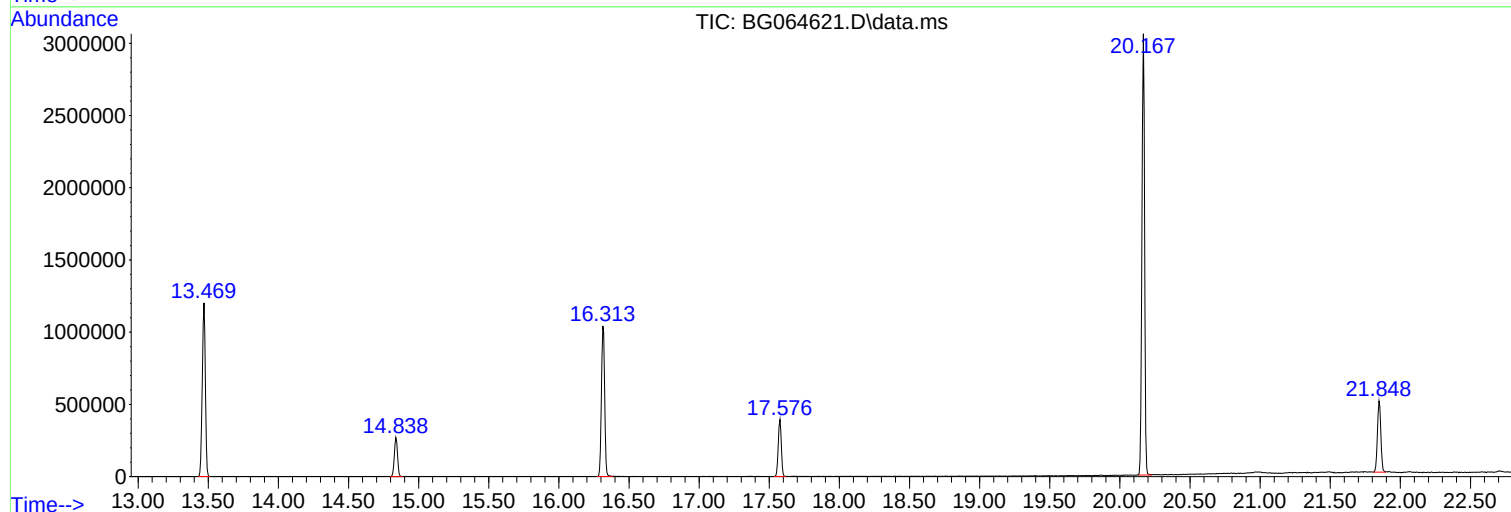
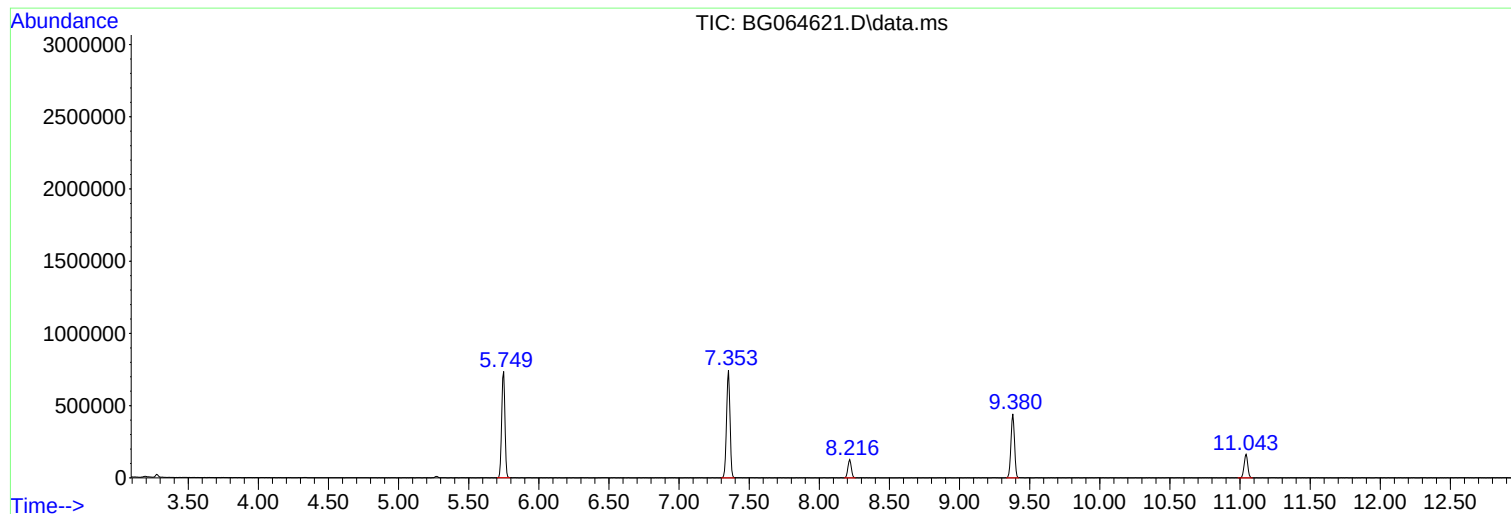
Sum of corrected areas: 14077191

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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	#	RT	Resp	Conc



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170215BS
Lab Sample ID: PB170215BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/25

Date Collected:
Date Received:
SDG No.: Q3422
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1100		1	160	330	ug/Kg	10/29/25 14:06	PB170215
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	10/29/25 14:06	PB170215
111-44-4	bis(2-Chloroethyl)ether	1100		1	24.3	170	ug/Kg	10/29/25 14:06	PB170215
95-57-8	2-Chlorophenol	1600		1	24.4	170	ug/Kg	10/29/25 14:06	PB170215
95-48-7	2-Methylphenol	1600		1	29.9	170	ug/Kg	10/29/25 14:06	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	10/29/25 14:06	PB170215
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/29/25 14:06	PB170215
65794-96-9	3+4-Methylphenols	1500		1	41.1	330	ug/Kg	10/29/25 14:06	PB170215
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	10/29/25 14:06	PB170215
67-72-1	Hexachloroethane	1500		1	17.6	170	ug/Kg	10/29/25 14:06	PB170215
98-95-3	Nitrobenzene	1600		1	18.3	170	ug/Kg	10/29/25 14:06	PB170215
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/29/25 14:06	PB170215
88-75-5	2-Nitrophenol	1700		1	58.1	170	ug/Kg	10/29/25 14:06	PB170215
105-67-9	2,4-Dimethylphenol	1700		1	64.7	170	ug/Kg	10/29/25 14:06	PB170215
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	10/29/25 14:06	PB170215
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	10/29/25 14:06	PB170215
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/29/25 14:06	PB170215
106-47-8	4-Chloroaniline	790		1	35.4	170	ug/Kg	10/29/25 14:06	PB170215
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	10/29/25 14:06	PB170215
59-50-7	4-Chloro-3-methylphenol	1600		1	28.7	170	ug/Kg	10/29/25 14:06	PB170215
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/29/25 14:06	PB170215
77-47-4	Hexachlorocyclopentadiene	4100	E	1	120	330	ug/Kg	10/29/25 14:06	PB170215
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	170	ug/Kg	10/29/25 14:06	PB170215
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	170	ug/Kg	10/29/25 14:06	PB170215
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	10/29/25 14:06	PB170215
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	10/29/25 14:06	PB170215
88-74-4	2-Nitroaniline	1600		1	48.1	170	ug/Kg	10/29/25 14:06	PB170215
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/29/25 14:06	PB170215
208-96-8	Acenaphthylene	1700		1	28.9	170	ug/Kg	10/29/25 14:06	PB170215
606-20-2	2,6-Dinitrotoluene	1700		1	33.6	170	ug/Kg	10/29/25 14:06	PB170215
99-09-2	3-Nitroaniline	1200		1	46.0	170	ug/Kg	10/29/25 14:06	PB170215
83-32-9	Acenaphthene	1600		1	21.3	170	ug/Kg	10/29/25 14:06	PB170215
51-28-5	2,4-Dinitrophenol	3600	E	1	230	330	ug/Kg	10/29/25 14:06	PB170215
100-02-7	4-Nitrophenol	3400	E	1	110	330	ug/Kg	10/29/25 14:06	PB170215
132-64-9	Dibenzofuran	1500		1	22.7	170	ug/Kg	10/29/25 14:06	PB170215
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	170	ug/Kg	10/29/25 14:06	PB170215
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/29/25 14:06	PB170215
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	170	ug/Kg	10/29/25 14:06	PB170215
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
100-01-6	4-Nitroaniline	1700		1	64.1	170	ug/Kg	10/29/25 14:06	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	1800		1	100	330	ug/Kg	10/29/25 14:06	PB170215



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170215BS
Lab Sample ID: PB170215BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/25

Date Collected:
Date Received:
SDG No.: Q3422
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	10/29/25 14:06	PB170215
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	10/29/25 14:06	PB170215
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	10/29/25 14:06	PB170215
87-86-5	Pentachlorophenol	3300	E	1	51.2	330	ug/Kg	10/29/25 14:06	PB170215
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	10/29/25 14:06	PB170215
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	10/29/25 14:06	PB170215
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	10/29/25 14:06	PB170215
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	10/29/25 14:06	PB170215
206-44-0	Fluoranthene	1500		1	30.0	170	ug/Kg	10/29/25 14:06	PB170215
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	10/29/25 14:06	PB170215
85-68-7	Butylbenzylphthalate	1600		1	71.3	170	ug/Kg	10/29/25 14:06	PB170215
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	10/29/25 14:06	PB170215
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	10/29/25 14:06	PB170215
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/29/25 14:06	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	170	ug/Kg	10/29/25 14:06	PB170215
117-84-0	Di-n-octyl phthalate	1700		1	86.7	330	ug/Kg	10/29/25 14:06	PB170215
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	10/29/25 14:06	PB170215
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	10/29/25 14:06	PB170215
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/29/25 14:06	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	10/29/25 14:06	PB170215
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	10/29/25 14:06	PB170215
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	170	ug/Kg	10/29/25 14:06	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	10/29/25 14:06	PB170215
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	10/29/25 14:06	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	170	ug/Kg	10/29/25 14:06	PB170215

SURROGATES

367-12-4	2-Fluorophenol	125		18 - 112	83%	SPK: 150
13127-88-3	Phenol-d6	125		15 - 107	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.4		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		20 - 109	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		10 - 105	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	30900
1146-65-2	Naphthalene-d8	126000
15067-26-2	Acenaphthene-d10	103000
1517-22-2	Phenanthrene-d10	253000
1719-03-5	Chrysene-d12	286000
1520-96-3	Perylene-d12	311000



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

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170215BS		SDG No.:	Q3422
Lab Sample ID:	PB170215BS		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064622.D
 Acq On : 29 Oct 2025 14:06
 Operator : RC/JU
 Sample : PB170215BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

Quant Time: Oct 29 15:48:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30857	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	126314	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	102616	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	252758	20.000	ng	0.00
76) Chrysene-d12	21.854	240	286271	20.000	ng	0.00
86) Perylene-d12	25.192	264	311364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	229807	125.006	ng	0.00
7) Phenol-d6	7.354	99	315661	125.132	ng	0.00
23) Nitrobenzene-d5	9.381	82	200721	95.443	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	213604	144.224	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	539175	79.642	ng	0.00
79) Terphenyl-d14	20.168	244	1263324	83.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	27367	33.625	ng	97
3) Pyridine	3.987	79	80236	32.828	ng	99
4) n-Nitrosodimethylamine	3.899	42	55779	42.556	ng	96
6) Aniline	7.524	93	111247	32.409	ng	98
8) 2-Chlorophenol	7.777	128	90171	46.861	ng	96
9) Benzaldehyde	7.336	77	44662	32.430	ng	99
10) Phenol	7.377	94	125167	44.866	ng	96
11) bis(2-Chloroethyl)ether	7.524	93	111247	32.409	ng	99
12) 1,3-Dichlorobenzene	8.106	146	89896	40.591	ng	96
13) 1,4-Dichlorobenzene	8.253	146	95840	42.560	ng	92
14) 1,2-Dichlorobenzene	8.576	146	95566	43.998	ng	95
15) Benzyl Alcohol	8.447	79	97685	46.959	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.746	45	208165	38.690	ng	97
17) 2-Methylphenol	8.447	107	49001	47.125	ng	91
18) Hexachloroethane	9.322	117	34789	44.022	ng	96
19) n-Nitroso-di-n-propyla...	9.022	70	75603	43.365	ng	98
20) 3+4-Methylphenols	8.975	107	115498	44.339	ng	95
22) Acetophenone	9.040	105	161222	46.691	ng	96
24) Nitrobenzene	9.422	77	109545	47.891	ng	97
25) Isophorone	9.951	82	215090	42.623	ng	100
26) 2-Nitrophenol	10.139	139	44164	49.908	ng	# 85
27) 2,4-Dimethylphenol	10.192	122	95696	49.980	ng	97
28) bis(2-Chloroethoxy)met...	10.433	93	121990	42.458	ng	99
29) 2,4-Dichlorophenol	10.679	162	99058	49.036	ng	97
30) 1,2,4-Trichlorobenzene	10.903	180	106824	46.541	ng	97
31) Naphthalene	11.091	128	295744	42.229	ng	99
32) Benzoic acid	10.309	122	80232m	56.670	ng	
33) 4-Chloroaniline	11.185	127	64445	23.675	ng	97
34) Hexachlorobutadiene	11.384	225	78836	43.919	ng	97
35) Caprolactam	11.943	113	35302m	45.563	ng	
36) 4-Chloro-3-methylphenol	12.289	107	115355	47.506	ng	98
37) 2-Methylnaphthalene	12.683	142	200867	39.066	ng	99
38) 1-Methylnaphthalene	12.900	142	210799	41.666	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	160584	46.629	ng	99
41) Hexachlorocyclopentadiene	13.035	237	193126	124.589	ng	99
43) 2,4,6-Trichlorophenol	13.276	196	97819	49.656	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064622.D
 Acq On : 29 Oct 2025 14:06
 Operator : RC/JU
 Sample : PB170215BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

Quant Time: Oct 29 15:48:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

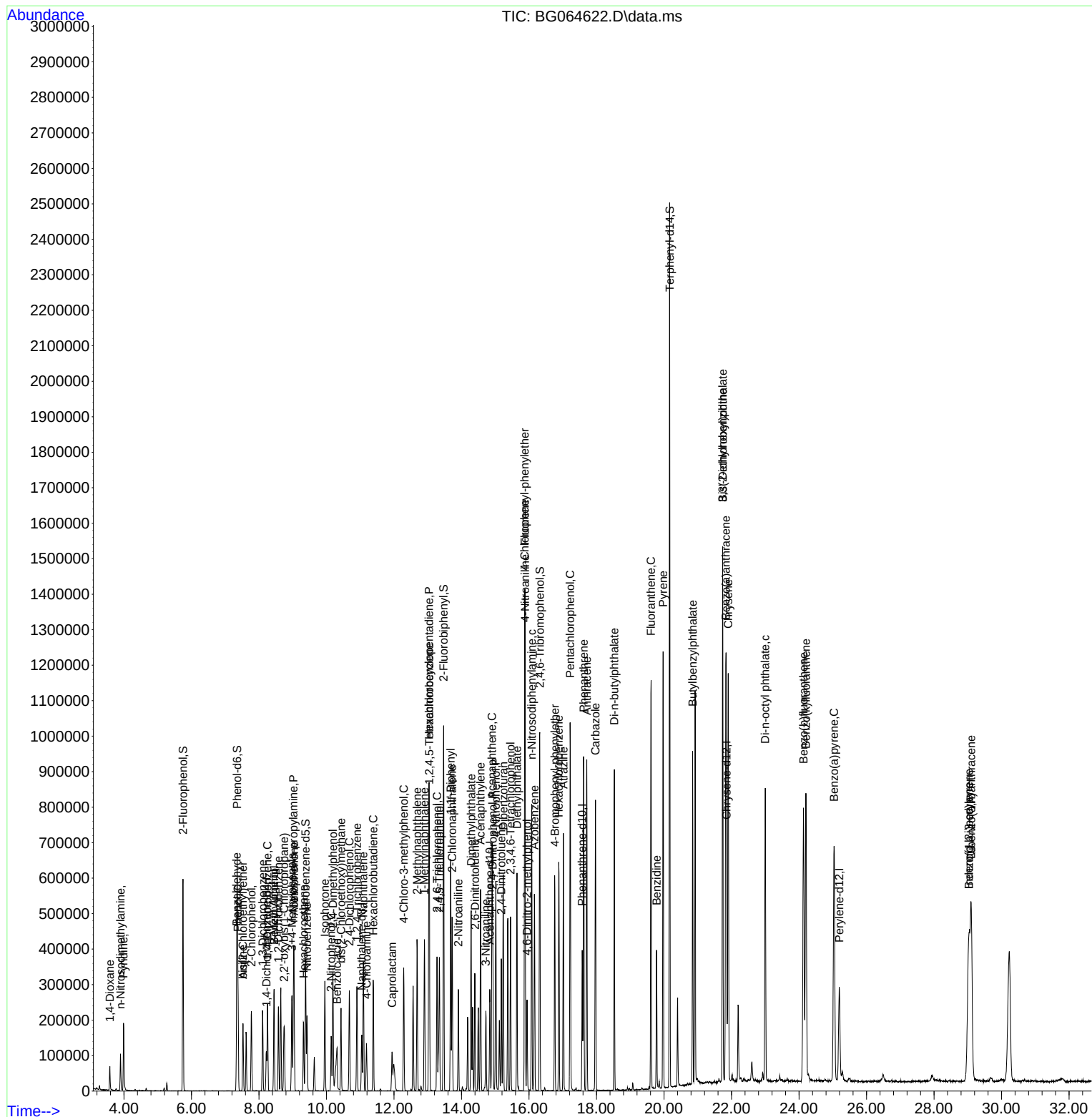
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	111336	48.976	ng	99
46) 1,1'-Biphenyl	13.682	154	341429	46.801	ng	97
47) 2-Chloronaphthalene	13.723	162	234788	42.637	ng	96
48) 2-Nitroaniline	13.911	65	87853	47.555	ng	94
49) Acenaphthylene	14.563	152	430487	49.562	ng	98
50) Dimethylphthalate	14.287	163	347656	44.275	ng	99
51) 2,6-Dinitrotoluene	14.398	165	65227	50.188	ng	96
52) Acenaphthene	14.904	154	290908	49.021	ng	97
53) 3-Nitroaniline	14.722	138	49122	36.402	ng #	99
54) 2,4-Dinitrophenol	14.927	184	88044	108.602	ng #	42
55) Dibenzofuran	15.239	168	418469	43.618	ng	99
56) 4-Nitrophenol	15.015	139	127758	102.115	ng	94
57) 2,4-Dinitrotoluene	15.180	165	100857	50.198	ng	98
58) Fluorene	15.879	166	335610	44.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	114603	52.720	ng	98
60) Diethylphthalate	15.644	149	357386	44.576	ng	99
61) 4-Chlorophenyl-phenyle...	15.873	204	190016	45.190	ng	97
62) 4-Nitroaniline	15.885	138	74872	49.873	ng	95
63) Azobenzene	16.161	77	323701	44.003	ng	99
65) 4,6-Dinitro-2-methylph...	15.944	198	61637	54.580	ng	96
66) n-Nitrosodiphenylamine	16.079	169	307367	45.018	ng	96
67) 4-Bromophenyl-phenylether	16.766	248	133834	44.682	ng	97
68) Hexachlorobenzene	16.884	284	155883	45.618	ng	96
69) Atrazine	17.019	200	140535	47.830	ng	98
70) Pentachlorophenol	17.219	266	214000	100.429	ng	95
71) Phenanthrene	17.618	178	612283	44.297	ng	99
72) Anthracene	17.712	178	631323	44.900	ng	100
73) Carbazole	17.971	167	558592	45.052	ng	99
74) Di-n-butylphthalate	18.529	149	636589	44.400	ng	100
75) Fluoranthene	19.616	202	768700	44.393	ng	99
77) Benzidine	19.780	184	240455	37.491	ng	99
78) Pyrene	19.974	202	804895	43.035	ng	99
80) Butylbenzylphthalate	20.850	149	279278	49.405	ng	97
81) Benzo(a)anthracene	21.831	228	850571	44.811	ng	99
82) 3,3'-Dichlorobenzidine	21.737	252	205029	32.347	ng	98
83) Chrysene	21.901	228	799015	44.240	ng	99
84) Bis(2-ethylhexyl)phtha...	21.737	149	407169	48.204	ng	99
85) Di-n-octyl phthalate	23.000	149	709236	49.802	ng	99
87) Indeno(1,2,3-cd)pyrene	29.034	276	1033332	45.114	ng #	97
88) Benzo(b)fluoranthene	24.134	252	872834	45.715	ng	99
89) Benzo(k)fluoranthene	24.205	252	867424	45.401	ng	98
90) Benzo(a)pyrene	25.039	252	830855	47.341	ng	100
91) Dibenzo(a,h)anthracene	29.099	278	858540	46.137	ng	99
92) Benzo(g,h,i)perylene	29.034	276	1033332	45.114	ng	99

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

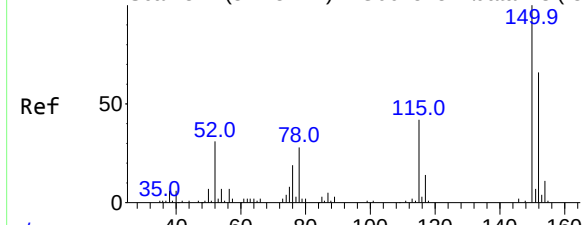
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064622.D
Acq On : 29 Oct 2025 14:06
Operator : RC/JU
Sample : PB170215BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Quant Time: Oct 29 15:48:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.217 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:152 Resp: 30857

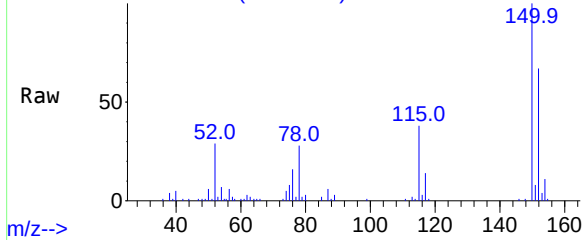
Ion Ratio Lower Upper

152 100

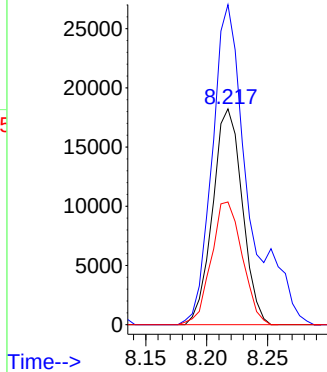
150 148.2 122.2 183.4

115 56.8 50.8 76.2

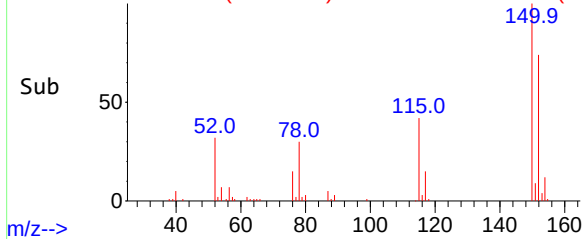
Abundance Scan 873 (8.217 min): BG064622.D\data.ms



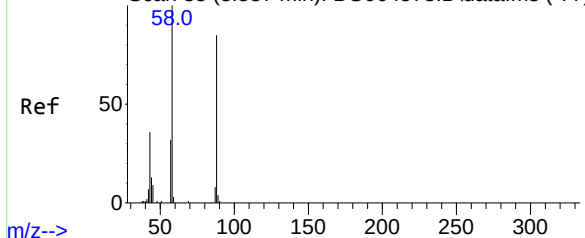
Abundance



Abundance Scan 873 (8.217 min): BG064622.D\data.ms (-85)



Abundance Scan 85 (3.587 min): BG064573.D\data.ms (-77)



#2

1,4-Dioxane

Concen: 33.625 ng

RT: 3.582 min Scan# 84

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion: 88 Resp: 27367

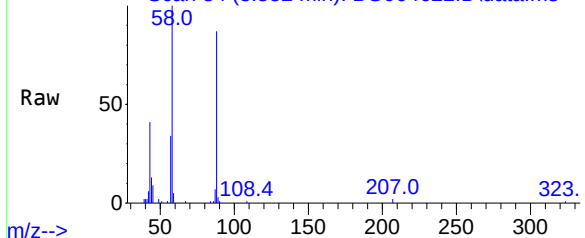
Ion Ratio Lower Upper

88 100

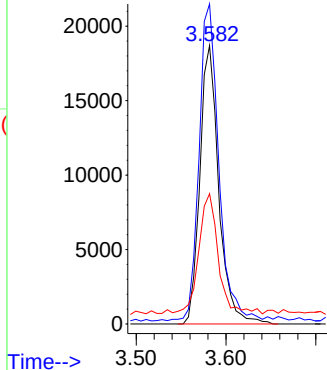
58 117.6 92.4 138.6

43 44.4 33.0 49.6

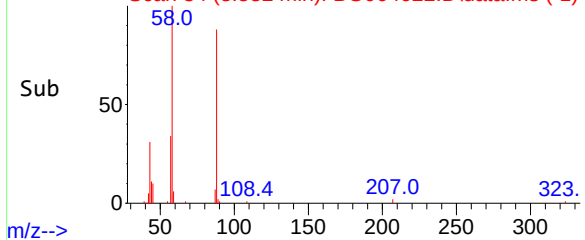
Abundance Scan 84 (3.582 min): BG064622.D\data.ms

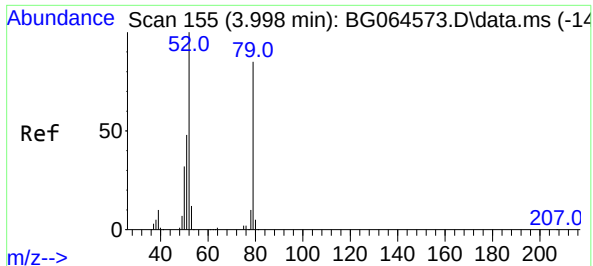


Abundance



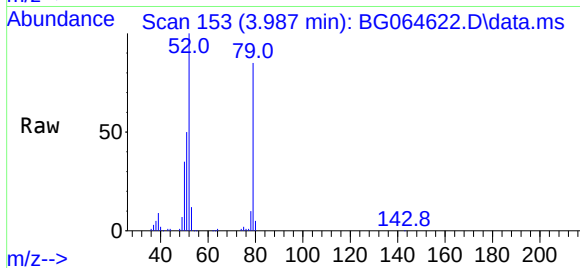
Abundance Scan 84 (3.582 min): BG064622.D\data.ms (-1)



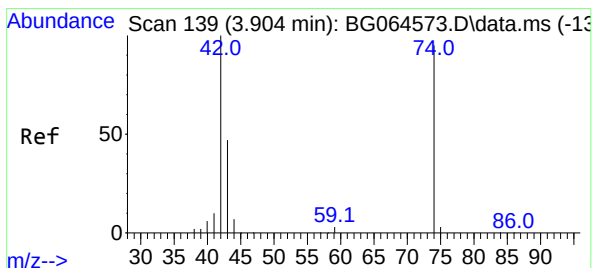
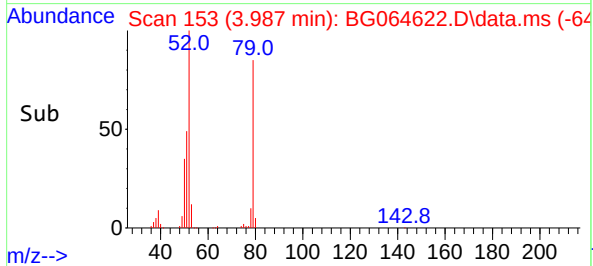
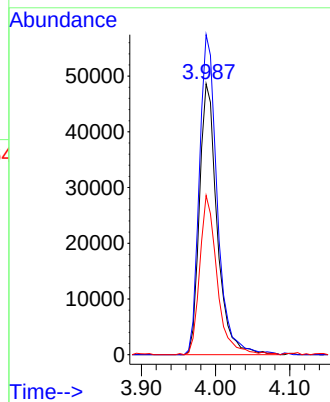


#3
Pyridine
Concen: 32.828 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

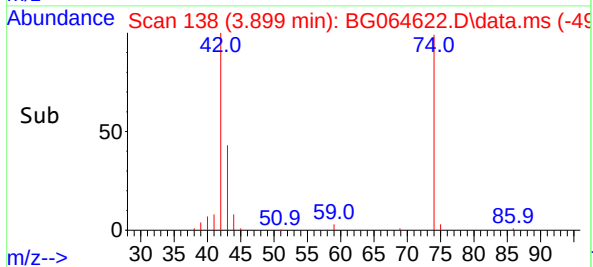
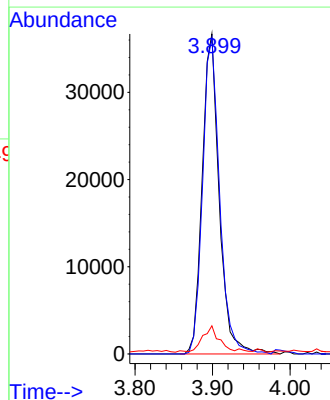
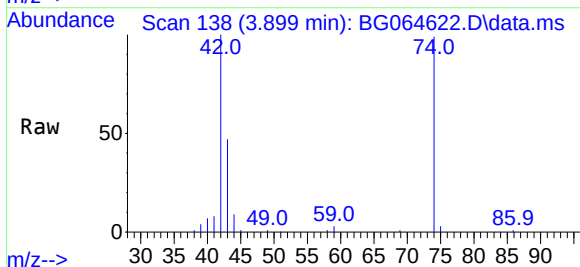


Tgt Ion: 79 Resp: 80236
Ion Ratio Lower Upper
79 100
52 118.1 94.2 141.2
51 58.8 46.1 69.1

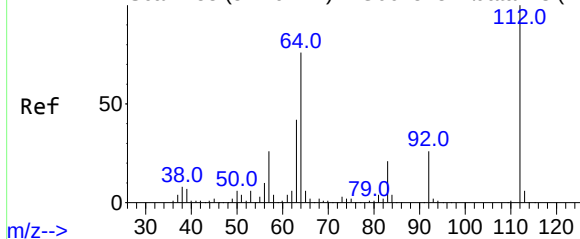


#4
n-Nitrosodimethylamine
Concen: 42.556 ng
RT: 3.899 min Scan# 138
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 42 Resp: 55779
Ion Ratio Lower Upper
42 100
74 98.7 76.1 114.1
44 8.8 6.3 9.5



Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



#5

2-Fluorophenol

Concen: 125.006 ng

RT: 5.750 min Scan# 411

Delta R.T. 0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:112 Resp: 229807

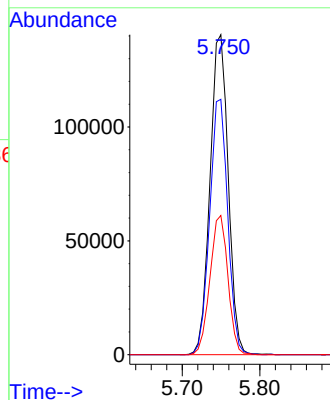
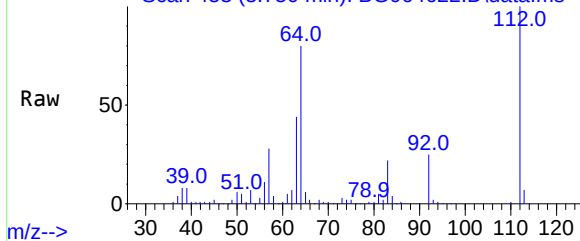
Ion Ratio Lower Upper

112 100

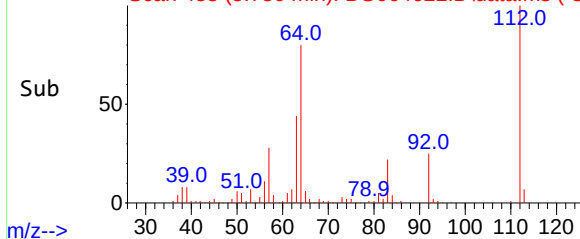
64 79.8 60.7 91.1

63 43.5 33.4 50.0

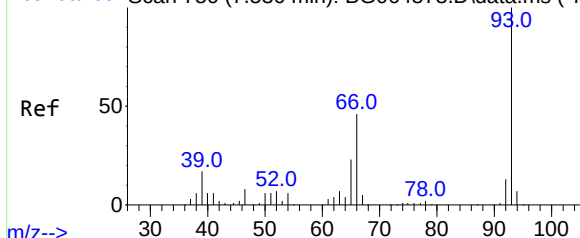
Abundance Scan 453 (5.750 min): BG064622.D\data.ms



Abundance Scan 453 (5.750 min): BG064622.D\data.ms (-36



Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74



#6

Aniline

Concen: 32.409 ng

RT: 7.524 min Scan# 755

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion: 93 Resp: 111247

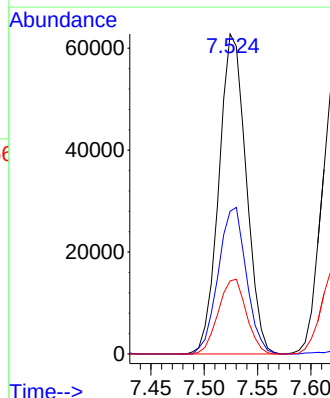
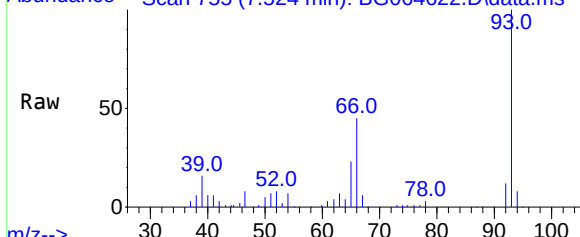
Ion Ratio Lower Upper

93 100

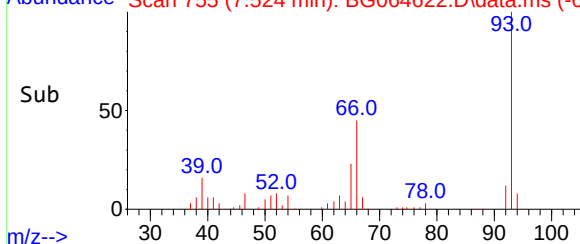
66 44.6 37.0 55.6

65 22.9 18.3 27.5

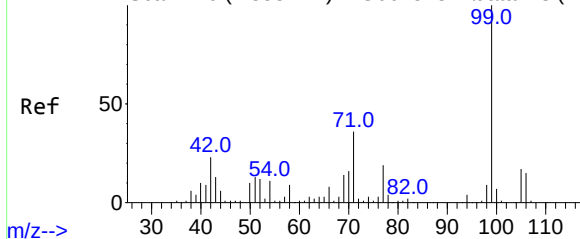
Abundance Scan 755 (7.524 min): BG064622.D\data.ms



Abundance Scan 755 (7.524 min): BG064622.D\data.ms (-66



Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



#7

Phenol-d6

Concen: 125.132 ng

RT: 7.354 min Scan# 71

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

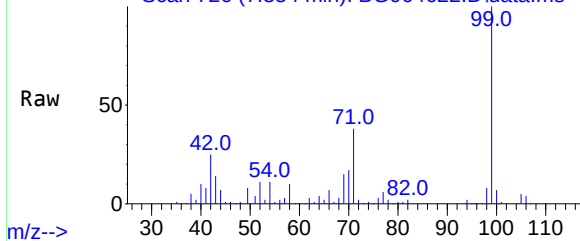
ClientSampleId :

PB170215BS

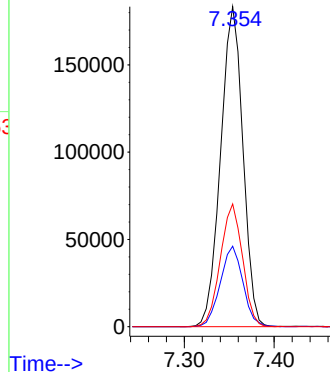
Tgt Ion: 99 Resp: 315661

Ion	Ratio	Lower	Upper
99	100		
42	25.1	18.3	27.5
71	38.4	28.6	43.0

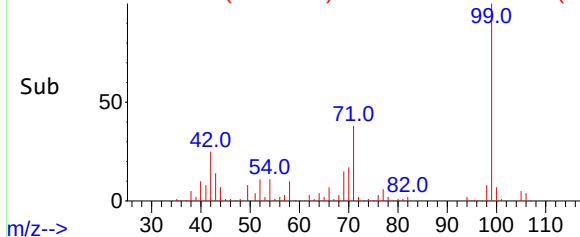
Abundance Scan 726 (7.354 min): BG064622.D\data.ms



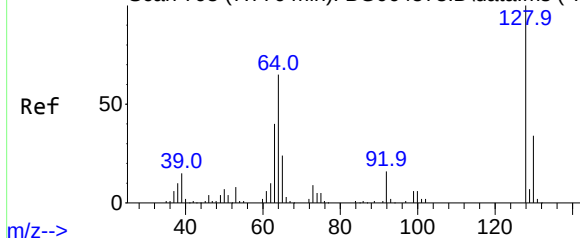
Abundance



Abundance Scan 726 (7.354 min): BG064622.D\data.ms (-63



Abundance Scan 798 (7.776 min): BG064573.D\data.ms (-79



#8

2-Chlorophenol

Concen: 46.861 ng

RT: 7.777 min Scan# 798

Delta R.T. -0.003 min

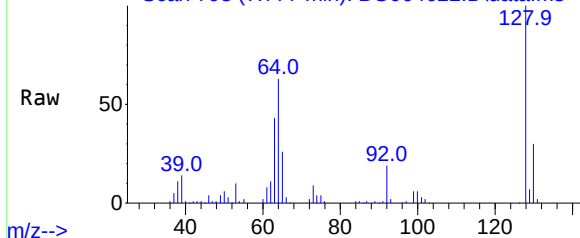
Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

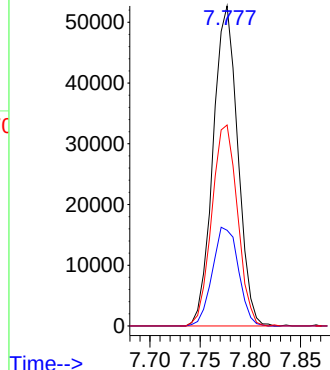
Tgt Ion: 128 Resp: 90171

Ion	Ratio	Lower	Upper
128	100		
130	29.9	13.5	53.5
64	62.8	45.2	85.2

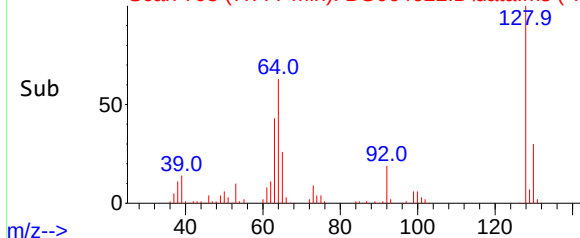
Abundance Scan 798 (7.777 min): BG064622.D\data.ms



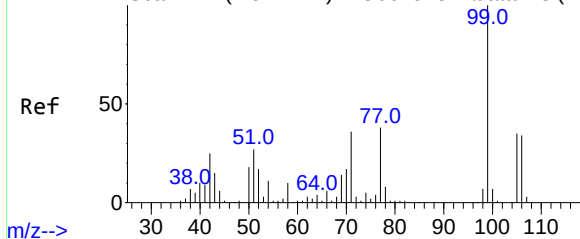
Abundance



Abundance Scan 798 (7.777 min): BG064622.D\data.ms (-70



Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



#9

Benzaldehyde

Concen: 32.430 ng

RT: 7.336 min Scan# 71

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

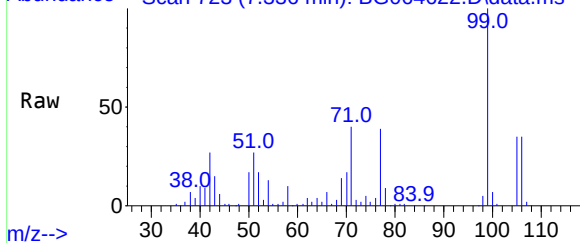
Instrument :

BNA_G

ClientSampleId :

PB170215BS

m/z--> Abundance Scan 723 (7.336 min): BG064622.D\data.ms



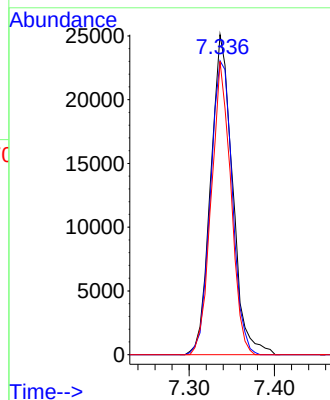
Tgt Ion: 77 Resp: 44662

Ion Ratio Lower Upper

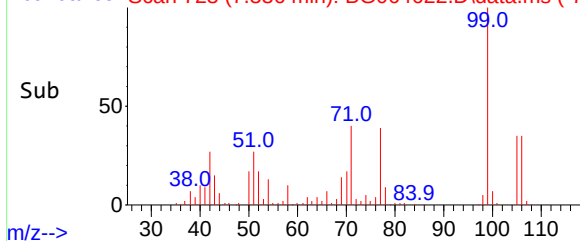
77 100

105 91.9 72.9 112.9

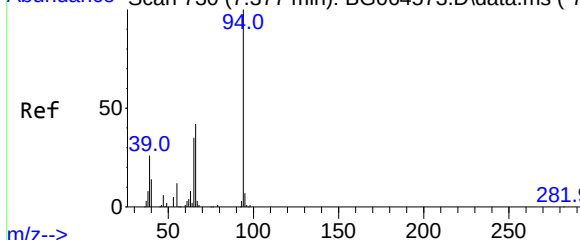
106 91.6 70.8 110.8



Abundance Scan 723 (7.336 min): BG064622.D\data.ms (-70



Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



#10

Phenol

Concen: 44.866 ng

RT: 7.377 min Scan# 730

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion: 94 Resp: 125167

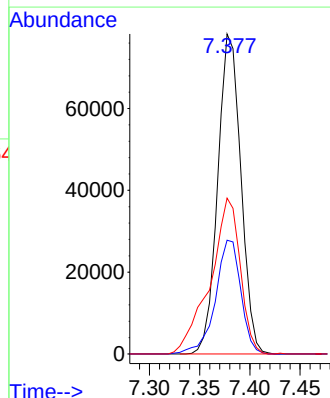
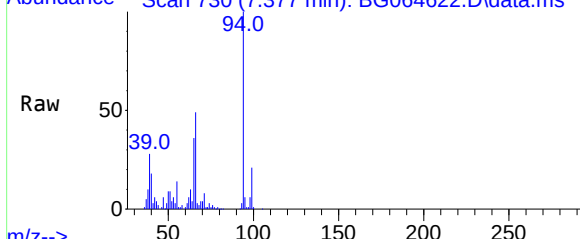
Ion Ratio Lower Upper

94 100

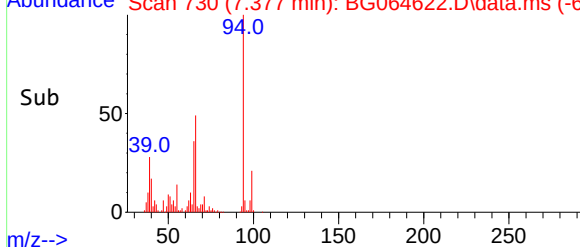
65 35.5 15.8 55.8

66 48.7 24.0 64.0

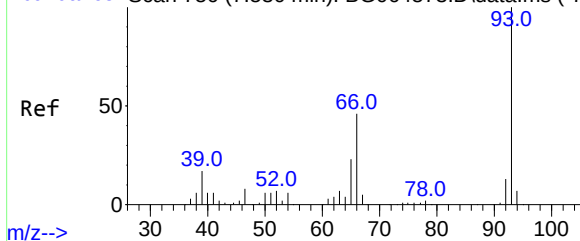
m/z--> Abundance Scan 730 (7.377 min): BG064622.D\data.ms



Abundance Scan 730 (7.377 min): BG064622.D\data.ms (-64



Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74

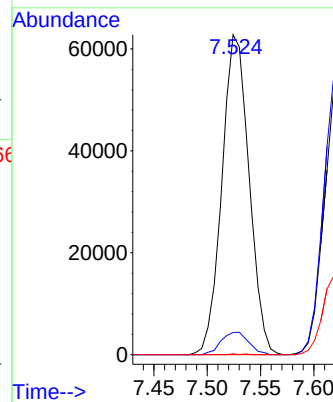
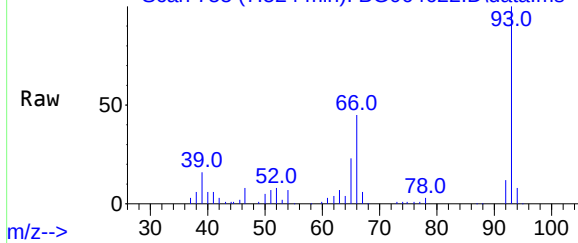


#11
bis(2-Chloroethyl)ether
Concen: 32.409 ng
RT: 7.524 min Scan# 711
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

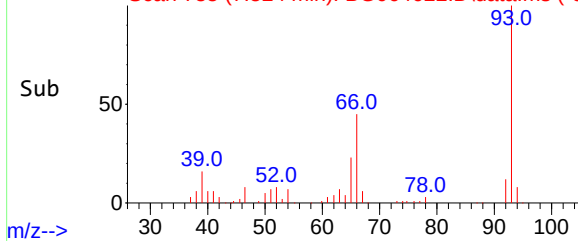
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion: 93 Resp: 111247
Ion Ratio Lower Upper
93 100
63 6.9 0.0 27.4
95 0.3 0.0 20.2

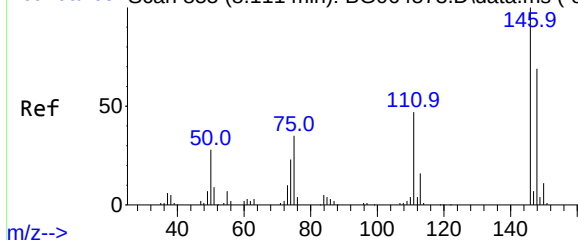
Abundance Scan 755 (7.524 min): BG064622.D\data.ms



Abundance Scan 755 (7.524 min): BG064622.D\data.ms (-66



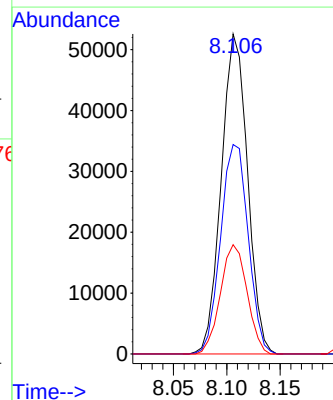
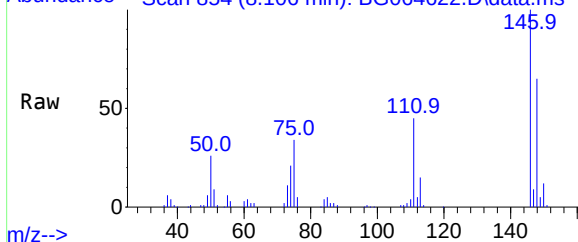
Abundance Scan 855 (8.111 min): BG064573.D\data.ms (-84



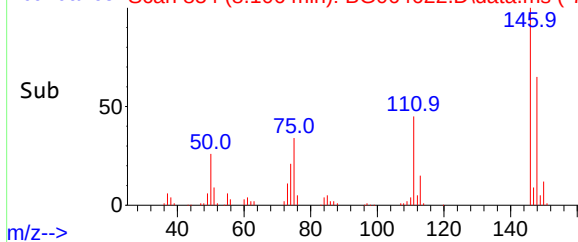
#12
1,3-Dichlorobenzene
Concen: 40.591 ng
RT: 8.106 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 146 Resp: 89896
Ion Ratio Lower Upper
146 100
148 65.5 55.3 82.9
75 34.2 28.2 42.2

Abundance Scan 854 (8.106 min): BG064622.D\data.ms



Abundance Scan 854 (8.106 min): BG064622.D\data.ms (-76



Abundance Scan 880 (8.258 min): BG064573.D\data.ms (-87

#13

1,4-Dichlorobenzene

Concen: 42.560 ng

RT: 8.253 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064622.D

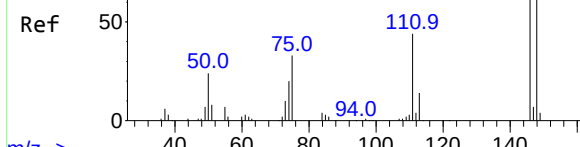
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS



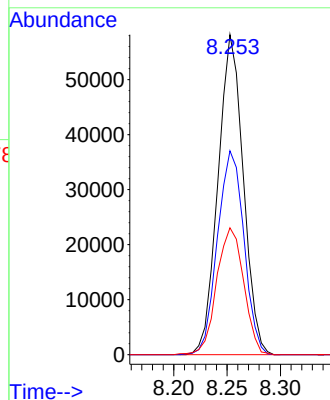
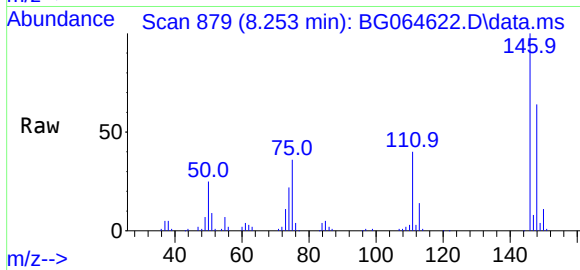
Tgt Ion:146 Resp: 95840

Ion Ratio Lower Upper

146 100

148 63.7 56.2 84.4

111 39.7 35.4 53.0



Abundance Scan 879 (8.253 min): BG064622.D\data.ms (-78

#13

1,4-Dichlorobenzene

Concen: 42.560 ng

RT: 8.253 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

m/z-->

Abundance Scan 935 (8.581 min): BG064573.D\data.ms (-92

#14

1,2-Dichlorobenzene

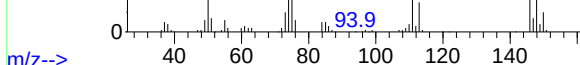
Concen: 43.998 ng

RT: 8.576 min Scan# 934

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06



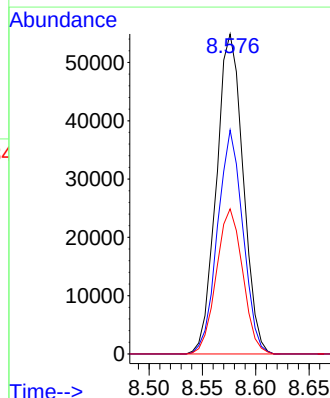
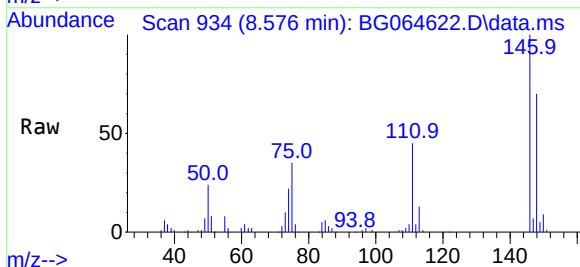
Tgt Ion:146 Resp: 95566

Ion Ratio Lower Upper

146 100

148 69.9 51.5 77.3

111 45.3 35.0 52.6



Abundance Scan 934 (8.576 min): BG064622.D\data.ms (-84

#14

1,2-Dichlorobenzene

Concen: 43.998 ng

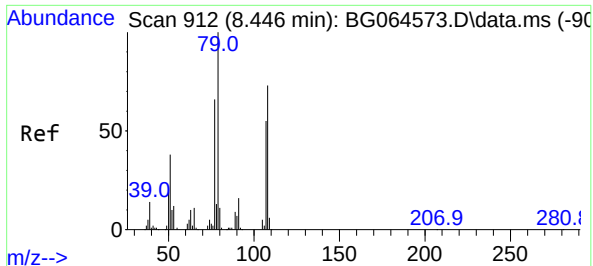
RT: 8.576 min Scan# 934

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

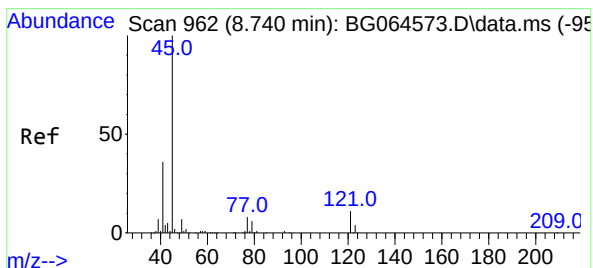
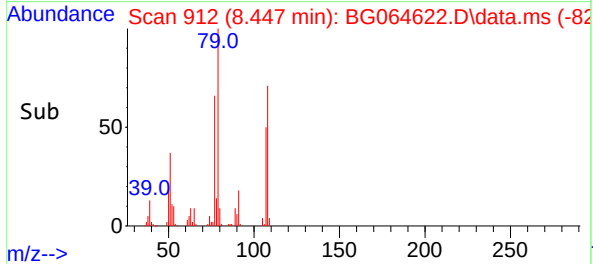
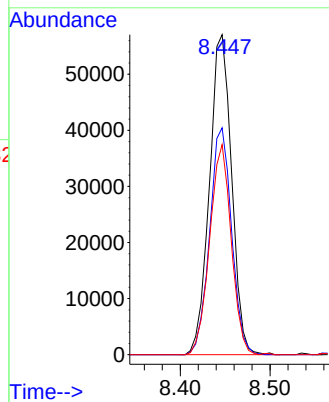
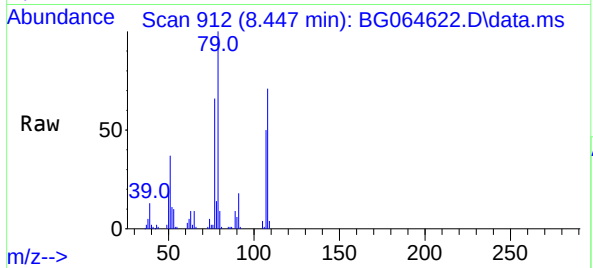
m/z-->



#15
Benzyl Alcohol
Concen: 46.959 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

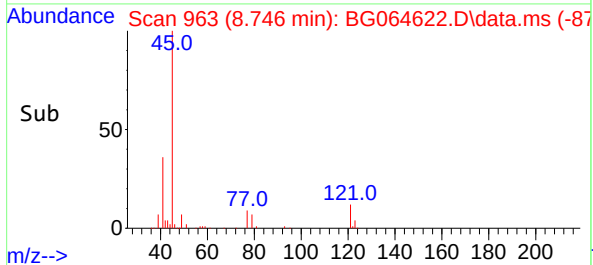
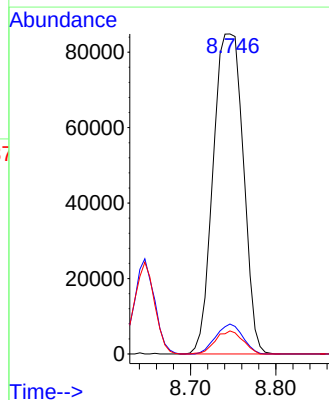
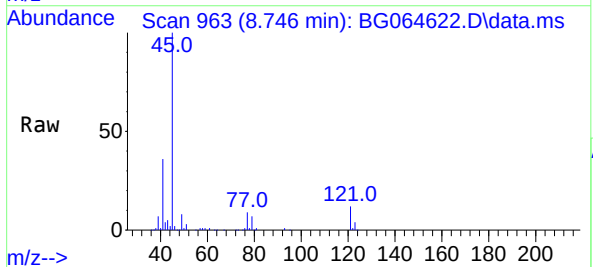
Instrument :
BNA_G
ClientSampleId :
PB170215BS

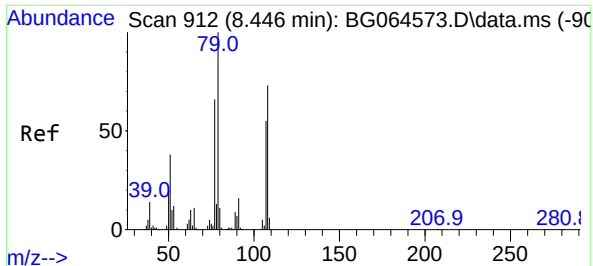
Tgt Ion: 79 Resp: 97685
Ion Ratio Lower Upper
79 100
108 70.9 58.1 87.1
77 65.6 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.690 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 45 Resp: 208165
Ion Ratio Lower Upper
45 100
77 9.4 0.0 28.5
79 7.2 0.0 25.6





#17

2-Methylphenol

Concen: 47.125 ng

RT: 8.447 min Scan# 912

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

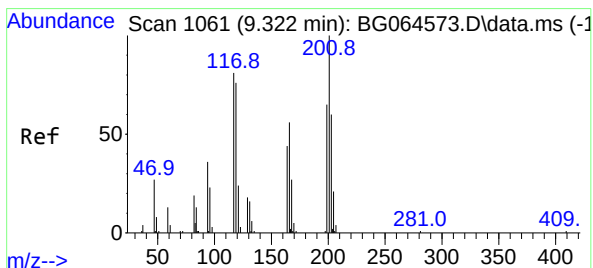
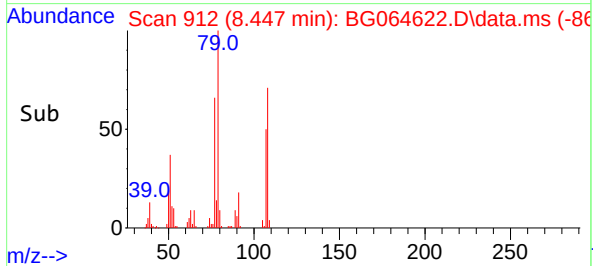
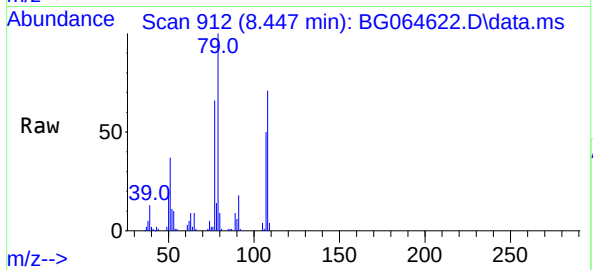
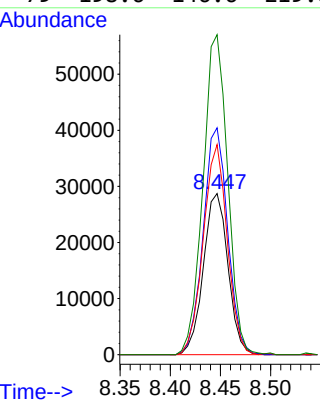
BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:107 Resp: 49001

Ion	Ratio	Lower	Upper
107	100		
108	140.8	106.4	159.6
77	130.4	96.7	145.1
79	198.6	146.6	219.8



#18

Hexachloroethane

Concen: 44.022 ng

RT: 9.322 min Scan# 1061

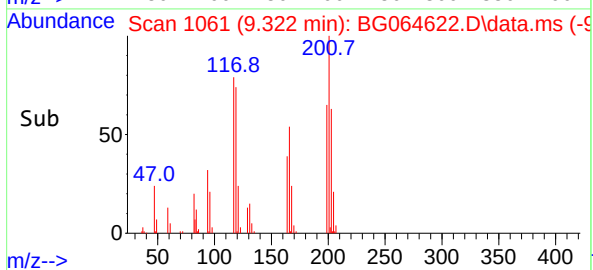
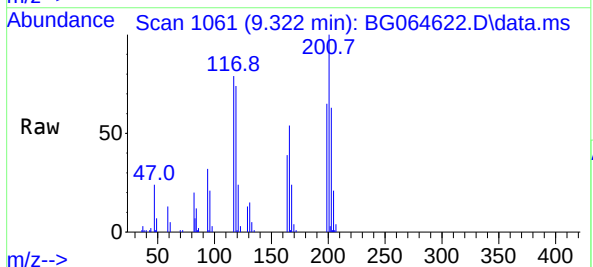
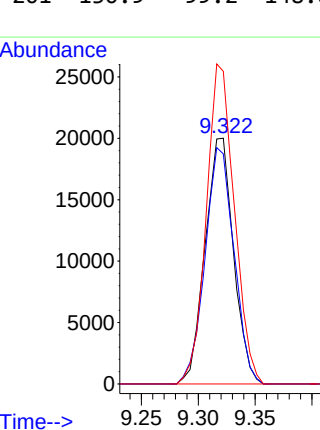
Delta R.T. -0.003 min

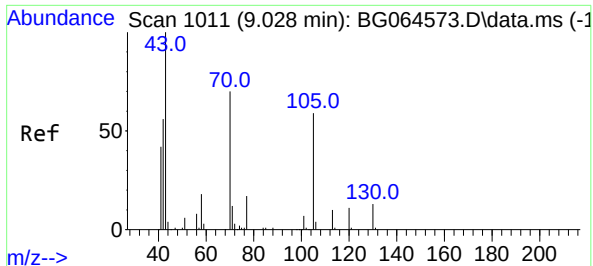
Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:117 Resp: 34789

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.2
201	130.9	99.2	148.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.365 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion: 70 Resp: 75603

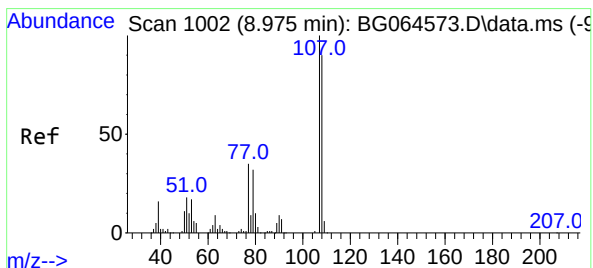
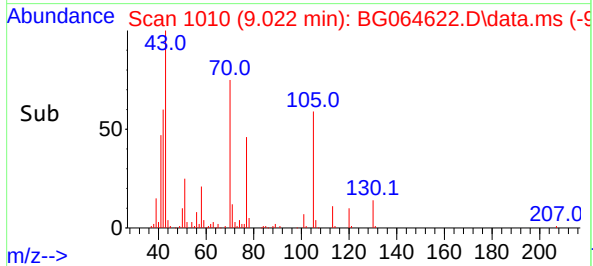
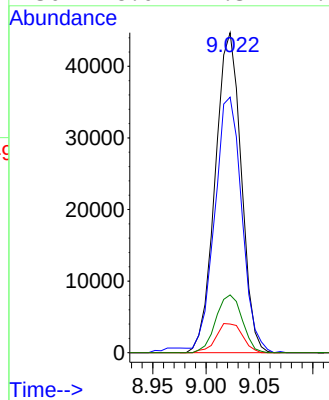
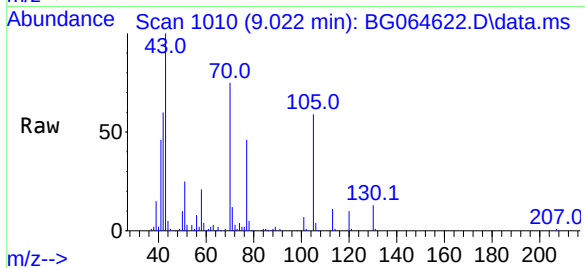
Ion Ratio Lower Upper

70 100

42 79.8 65.2 97.8

101 9.0 7.9 11.9

130 18.0 14.3 21.5



#20

3+4-Methylphenols

Concen: 44.339 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:107 Resp: 115498

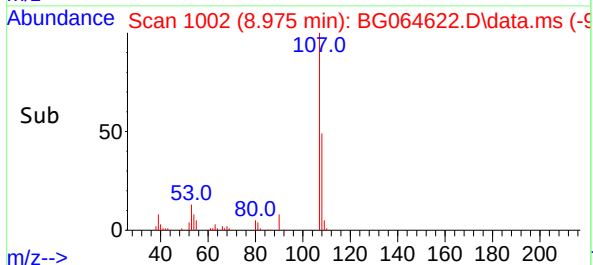
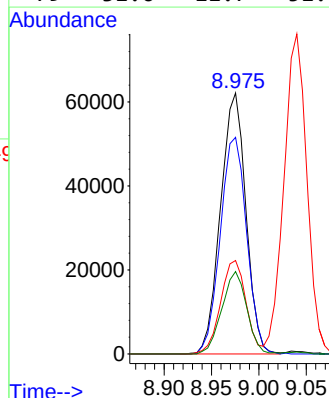
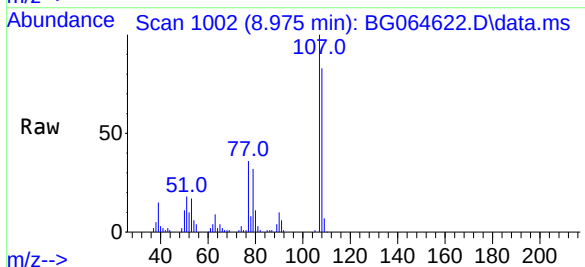
Ion Ratio Lower Upper

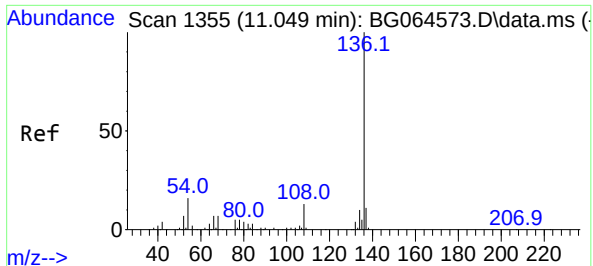
107 100

108 83.0 70.3 110.3

77 35.8 14.6 54.6

79 31.6 11.7 51.7



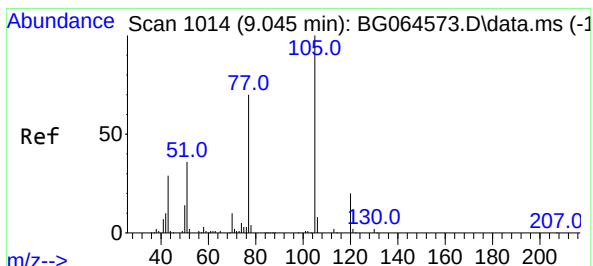
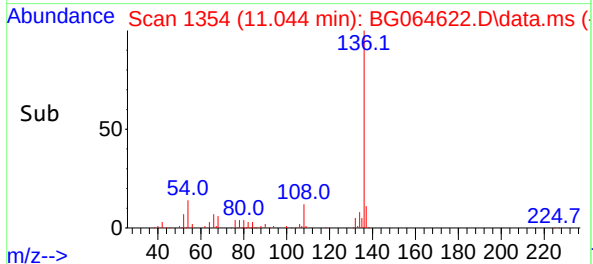
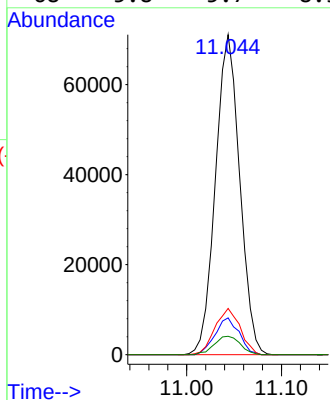
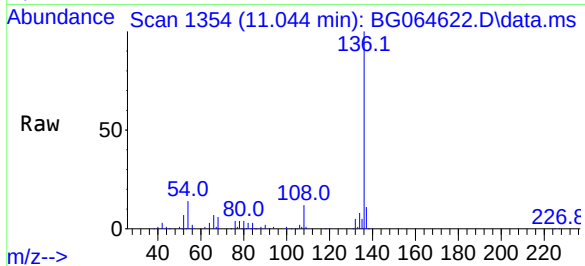


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:136 Resp: 126314

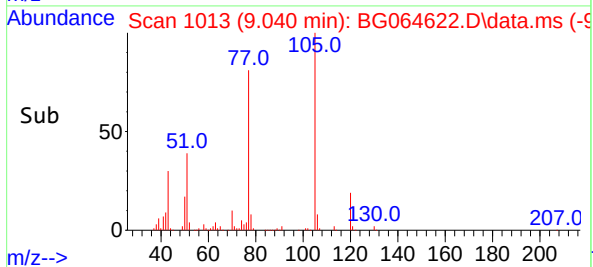
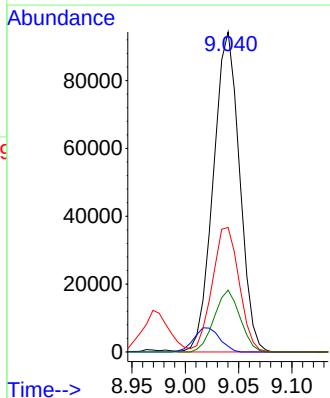
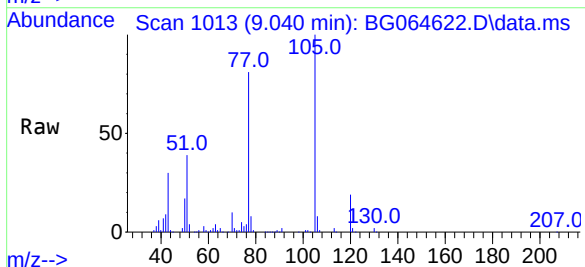
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	14.5	12.6	19.0
68	5.8	5.7	8.5

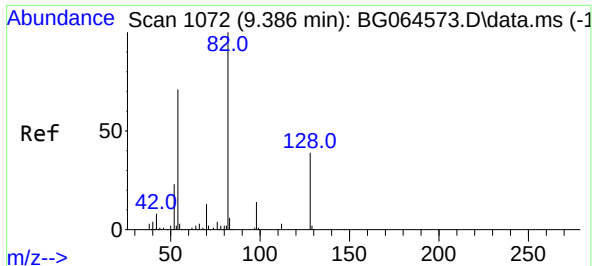


#22
Acetophenone
Concen: 46.691 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:105 Resp: 161222

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.5	2.3
51	38.9	33.7	50.5
120	19.3	16.1	24.1





#23

Nitrobenzene-d5

Concen: 95.443 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

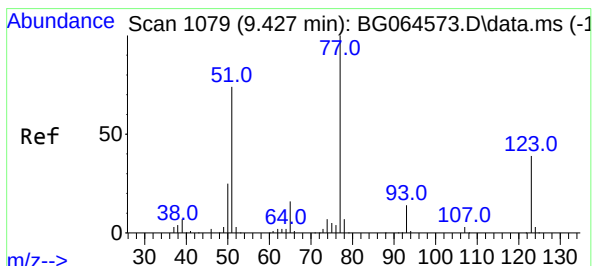
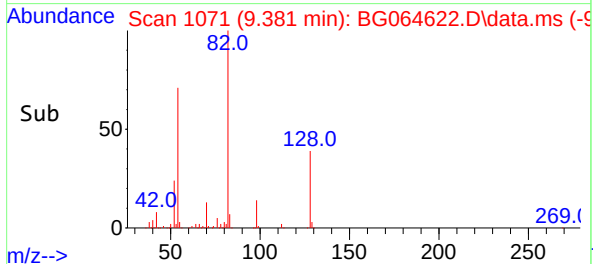
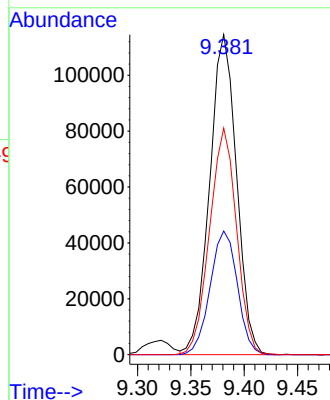
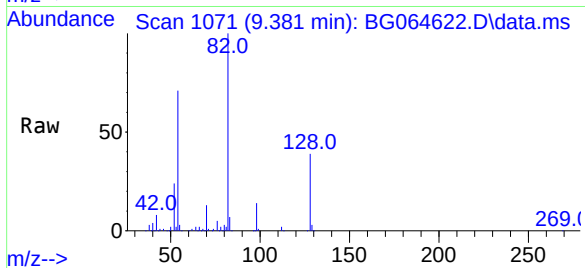
Tgt Ion: 82 Resp: 200721

Ion Ratio Lower Upper

82 100

128 38.7 31.3 46.9

54 70.8 56.6 84.8



#24

Nitrobenzene

Concen: 47.891 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

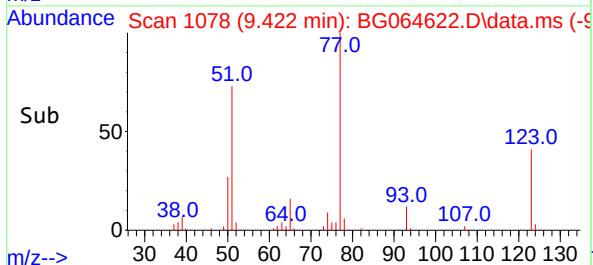
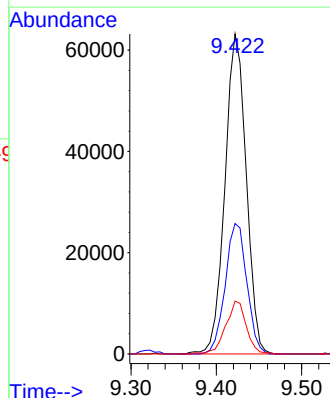
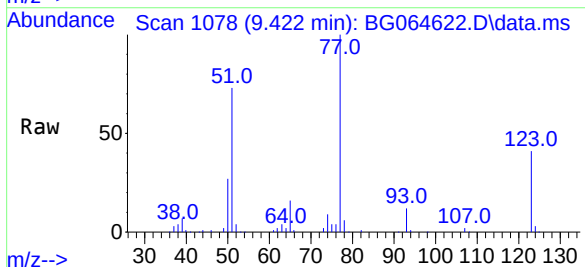
Tgt Ion: 77 Resp: 109545

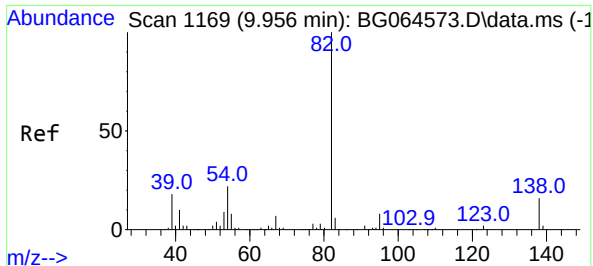
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.5 12.7 19.1

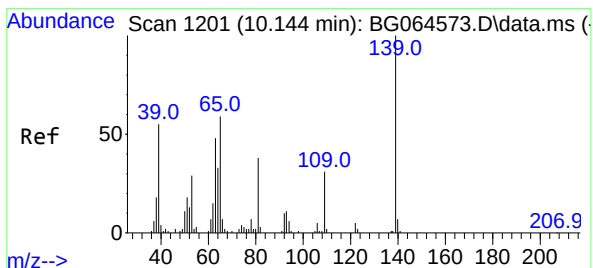
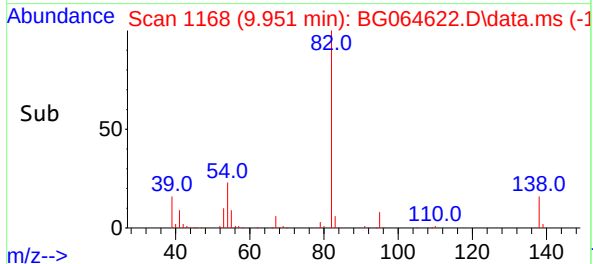
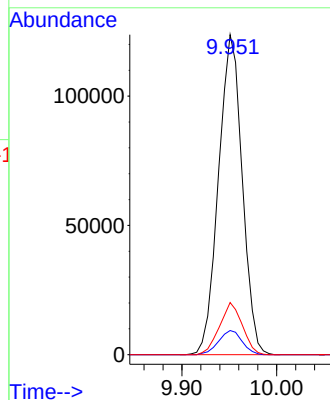
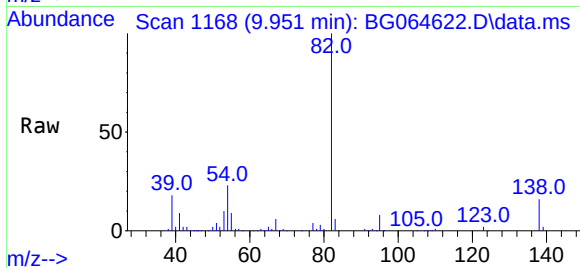




#25
Isophorone
Concen: 42.623 ng
RT: 9.951 min Scan# 1169
Delta R.T. -0.015 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

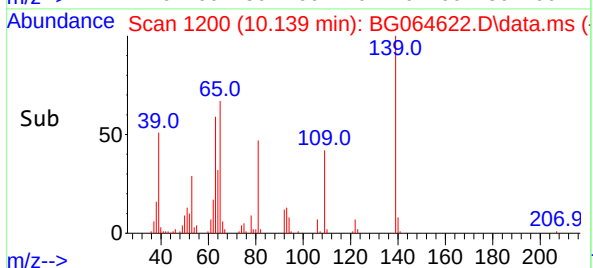
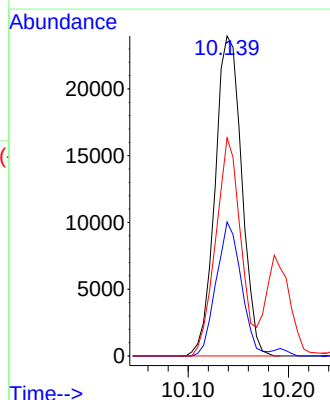
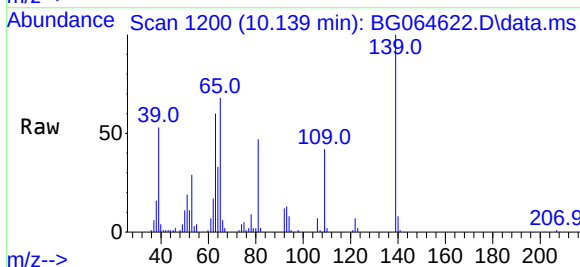
Instrument :
BNA_G
ClientSampleId :
PB170215BS

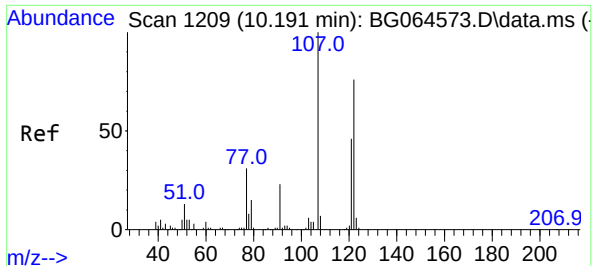
Tgt Ion: 82 Resp: 215090
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.3 13.0 19.4



#26
2-Nitrophenol
Concen: 49.908 ng
RT: 10.139 min Scan# 1200
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:139 Resp: 44164
Ion Ratio Lower Upper
139 100
109 41.8 24.6 37.0#
65 68.2 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 49.980 ng

RT: 10.192 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

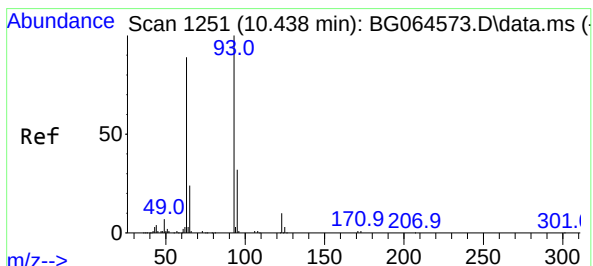
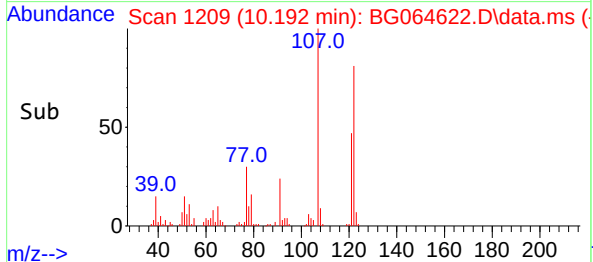
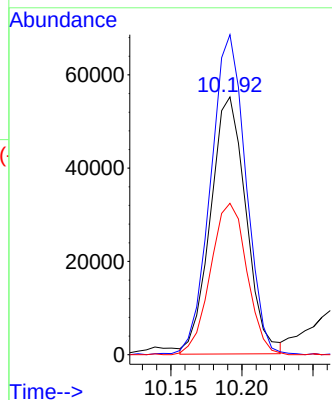
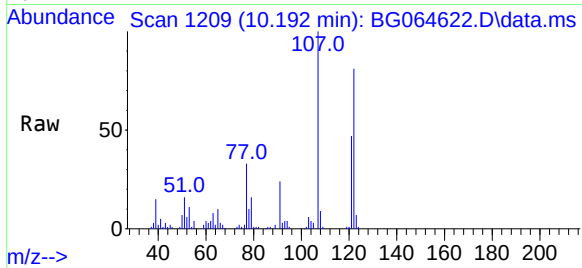
Tgt Ion:122 Resp: 95696

Ion Ratio Lower Upper

122 100

107 124.2 103.0 154.4

121 58.7 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.458 ng

RT: 10.433 min Scan# 1250

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

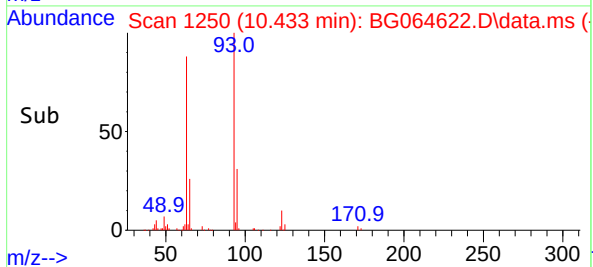
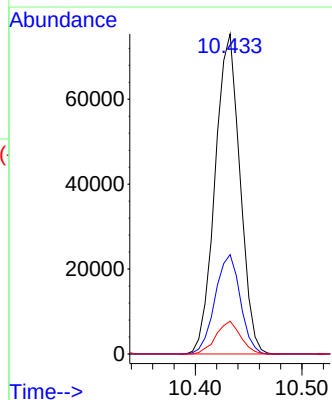
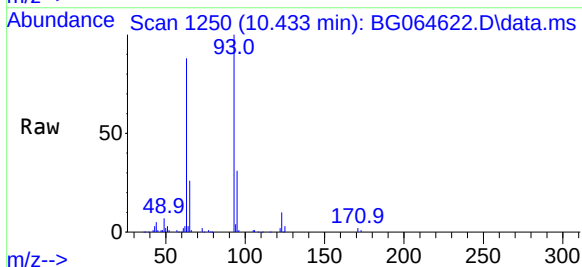
Tgt Ion: 93 Resp: 121990

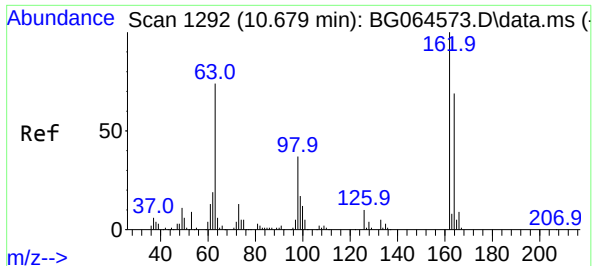
Ion Ratio Lower Upper

93 100

95 31.0 25.4 38.2

123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.036 ng

RT: 10.679 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG064622.D

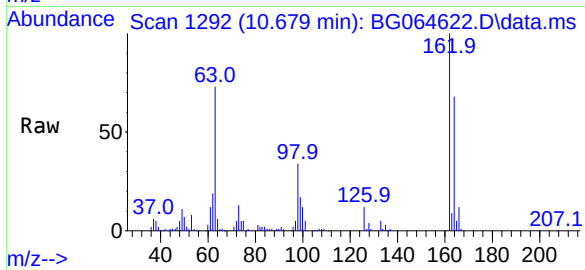
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS



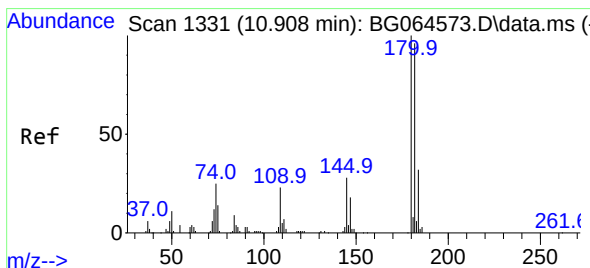
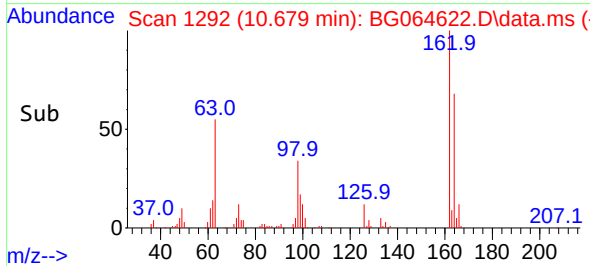
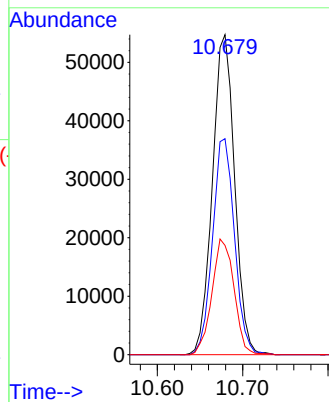
Tgt Ion:162 Resp: 99058

Ion Ratio Lower Upper

162 100

164 67.5 48.7 88.7

98 34.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 46.541 ng

RT: 10.903 min Scan# 1330

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

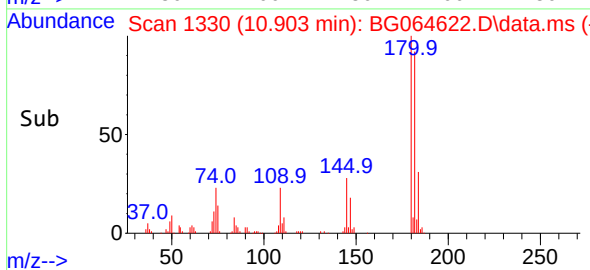
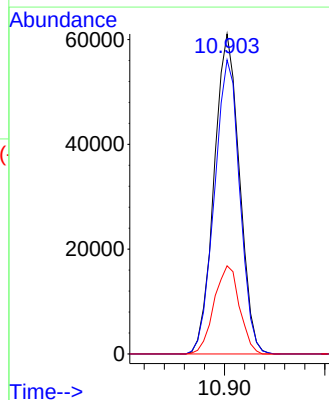
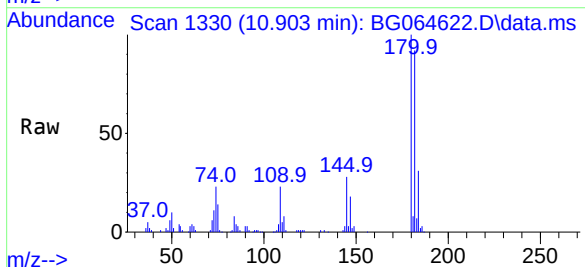
Tgt Ion:180 Resp: 106824

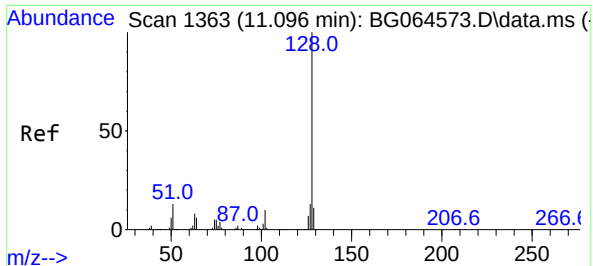
Ion Ratio Lower Upper

180 100

182 91.9 76.9 115.3

145 27.5 22.1 33.1

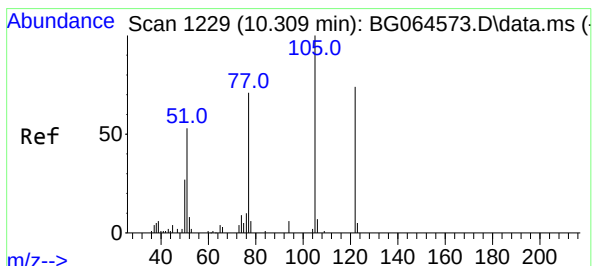
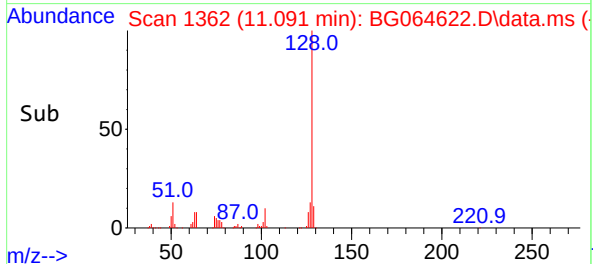
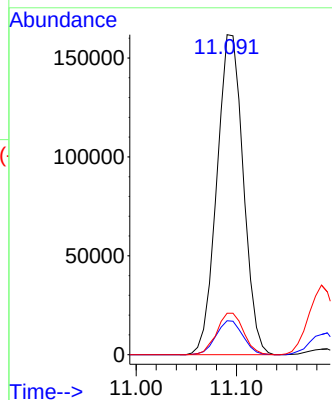
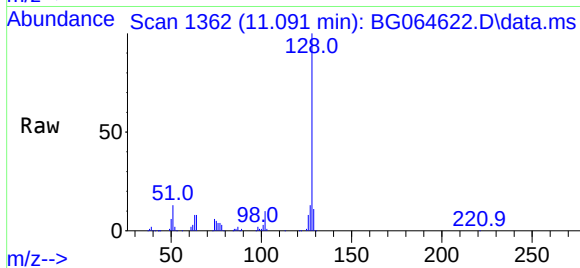




#31
Naphthalene
Concen: 42.229 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

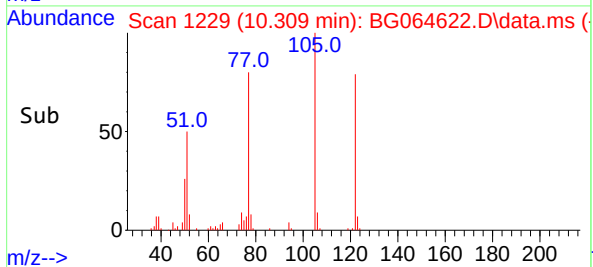
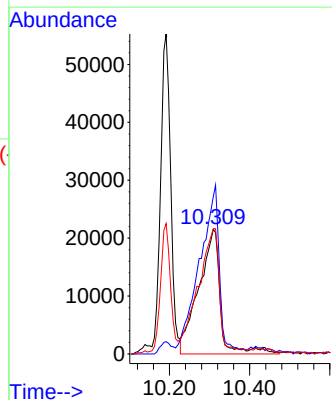
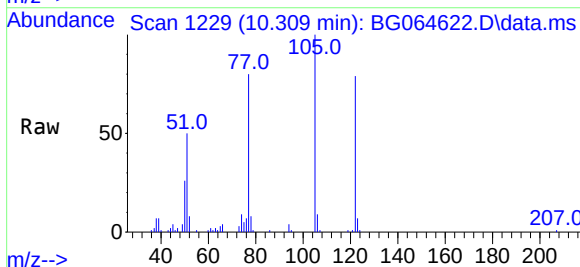
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:128 Resp: 295744
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.6 15.8

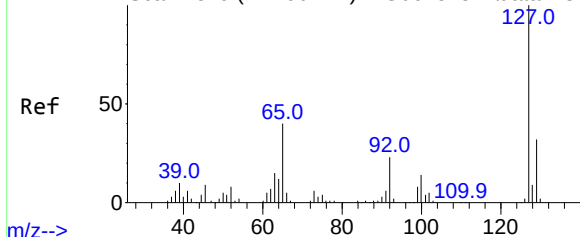


#32
Benzoic acid
Concen: 56.670 ng m
RT: 10.309 min Scan# 1229
Delta R.T. -0.033 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:122 Resp: 80232
Ion Ratio Lower Upper
122 100
105 126.3 104.2 144.2
77 100.4 70.2 110.2



Abundance Scan 1379 (11.190 min): BG064573.D\data.ms (



#33

4-Chloroaniline

Concen: 23.675 ng

RT: 11.185 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

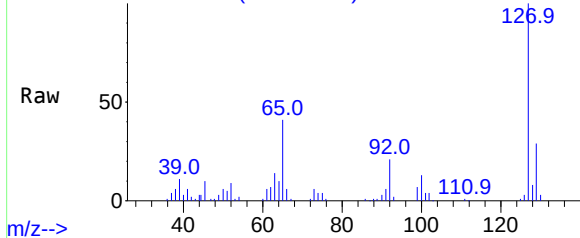
BNA_G

ClientSampleId :

PB170215BS

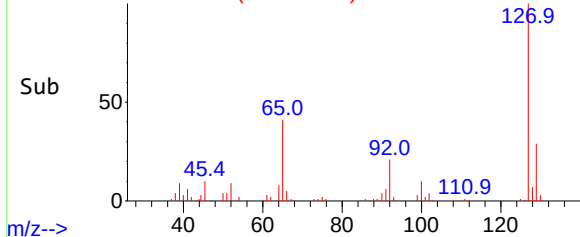
m/z-->

Abundance Scan 1378 (11.185 min): BG064622.D\data.ms



m/z-->

Abundance Scan 1378 (11.185 min): BG064622.D\data.ms (



m/z-->

Tgt Ion:127 Resp: 64445

Ion Ratio Lower Upper

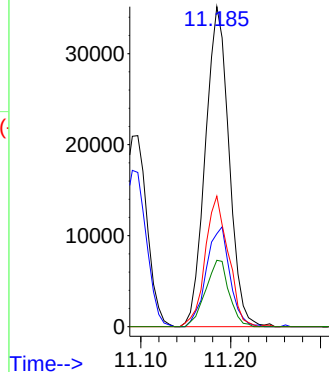
127 100

129 29.0 25.5 38.3

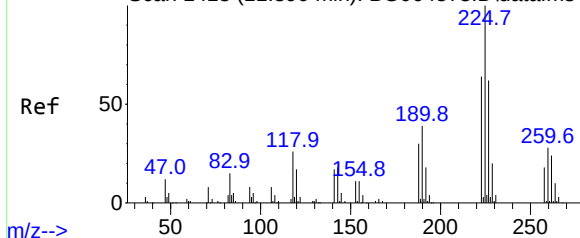
65 40.8 32.2 48.4

92 20.7 18.2 27.2

Abundance

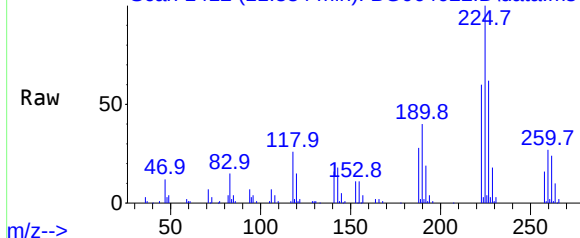


Abundance Scan 1413 (11.390 min): BG064573.D\data.ms (



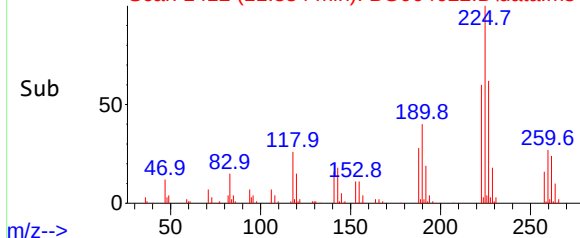
m/z-->

Abundance Scan 1412 (11.384 min): BG064622.D\data.ms



m/z-->

Abundance Scan 1412 (11.384 min): BG064622.D\data.ms (



m/z-->

#34

Hexachlorobutadiene

Concen: 43.919 ng

RT: 11.384 min Scan# 1412

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:225 Resp: 78836

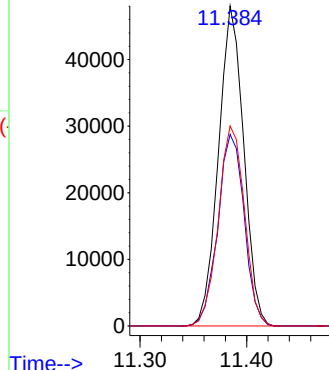
Ion Ratio Lower Upper

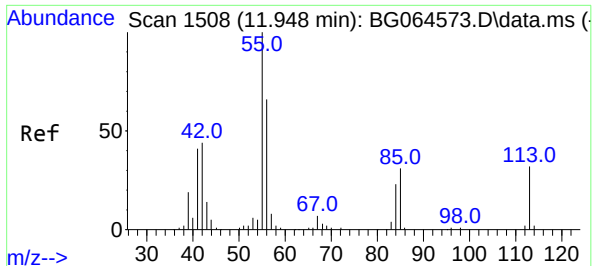
225 100

223 57.4 48.8 73.2

227 62.7 49.5 74.3

Abundance

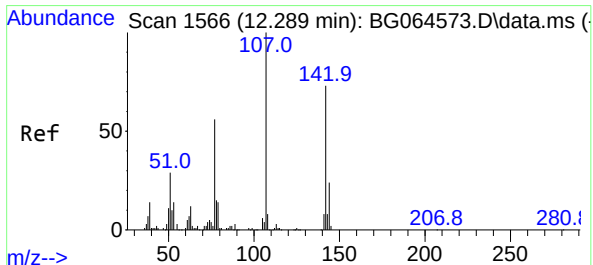
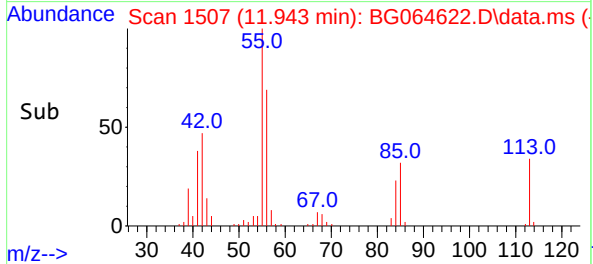
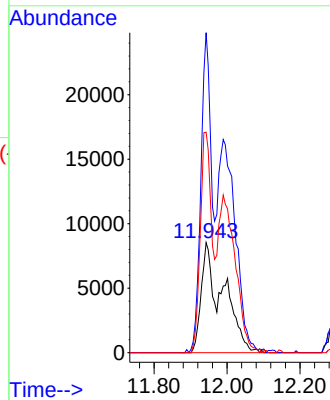
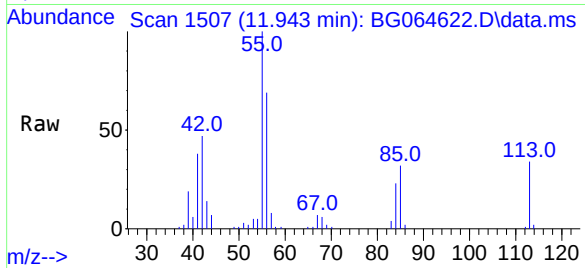




#35
 Caprolactam
 Concen: 45.563 ng m
 RT: 11.943 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

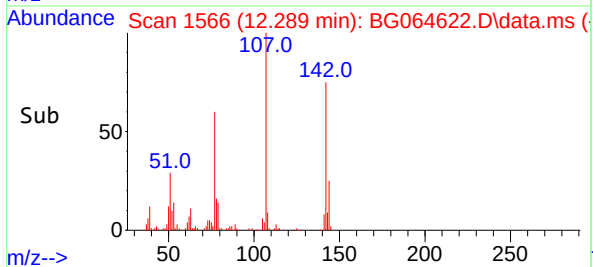
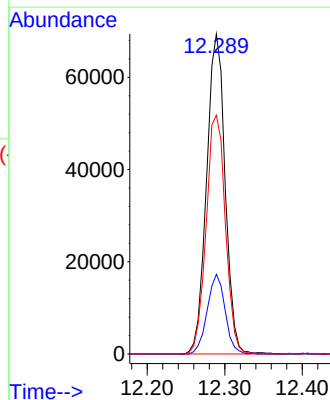
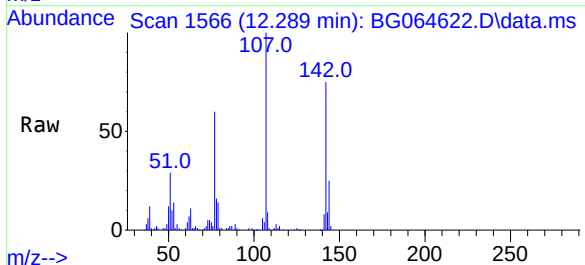
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

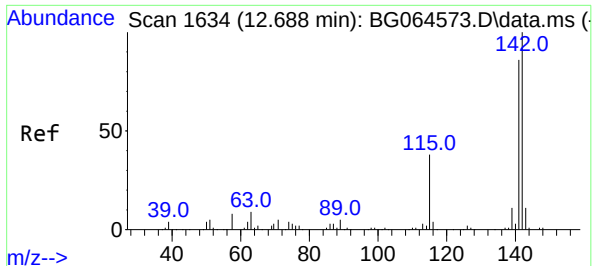
Tgt Ion:113 Resp: 35302
 Ion Ratio Lower Upper
 113 100
 55 290.8 290.1 330.1
 56 200.3 183.8 223.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.506 ng
 RT: 12.289 min Scan# 1566
 Delta R.T. -0.009 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

Tgt Ion:107 Resp: 115355
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 74.6 58.6 87.8

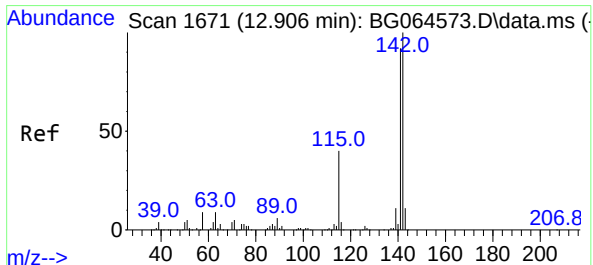
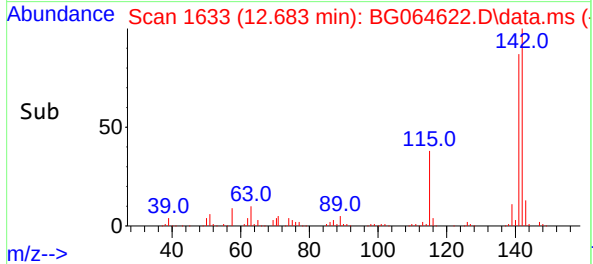
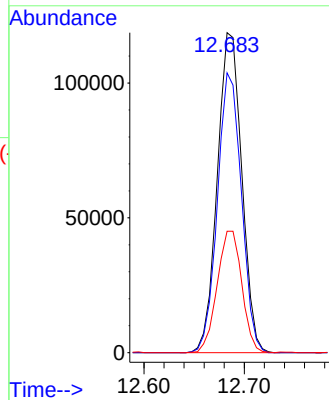
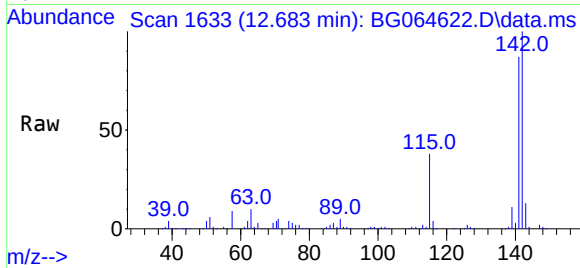




#37
2-Methylnaphthalene
Concen: 39.066 ng
RT: 12.683 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

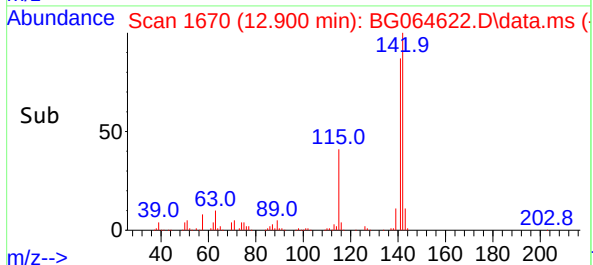
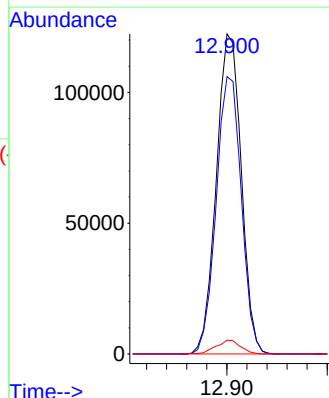
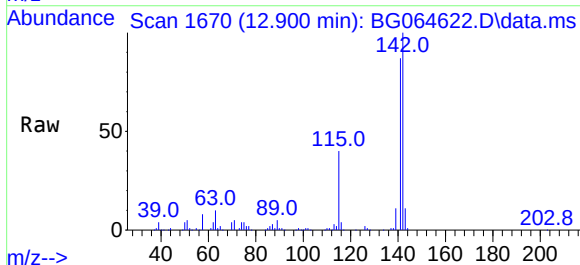
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:142 Resp: 200867
Ion Ratio Lower Upper
142 100
141 87.5 68.9 103.3
115 38.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.666 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:142 Resp: 210799
Ion Ratio Lower Upper
142 100
141 86.7 73.3 109.9
116 4.3 3.1 4.7



Abundance Scan 2001 (14.845 min): BG064573.D\data.ms (

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG064622.D

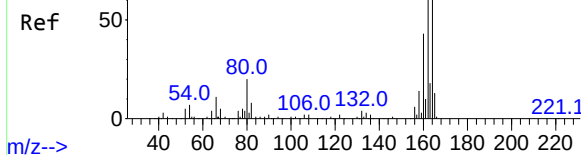
Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS



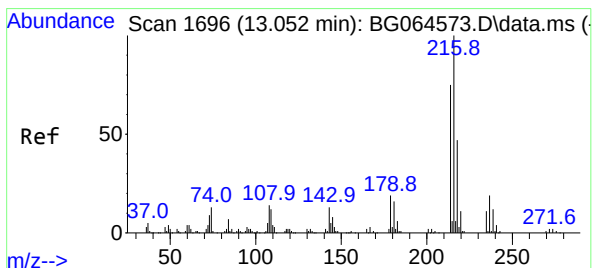
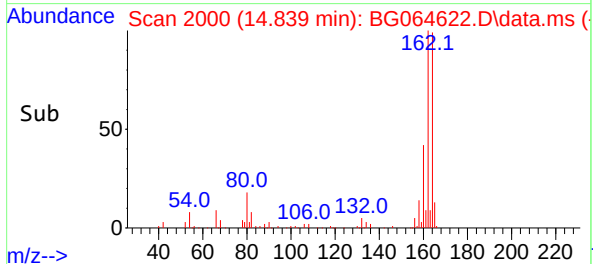
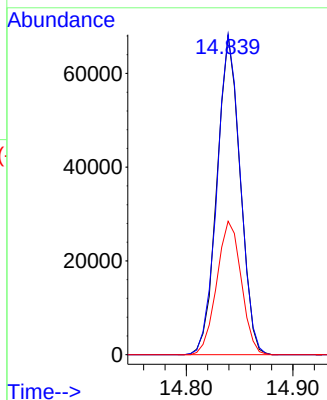
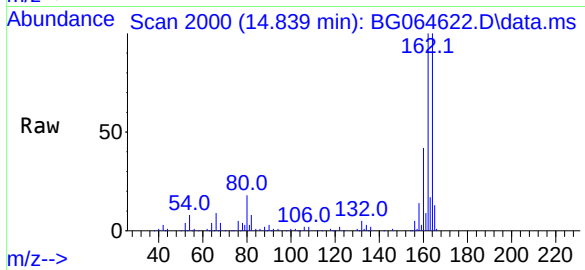
Tgt Ion:164 Resp: 102616

Ion Ratio Lower Upper

164 100

162 100.2 77.0 115.6

160 41.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.629 ng

RT: 13.047 min Scan# 1695

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:216 Resp: 160584

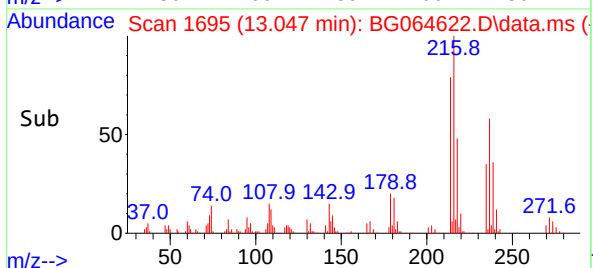
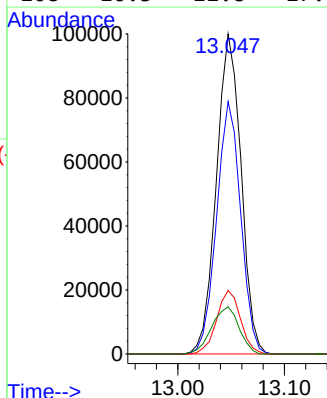
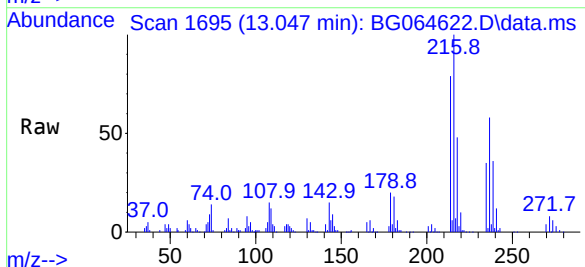
Ion Ratio Lower Upper

216 100

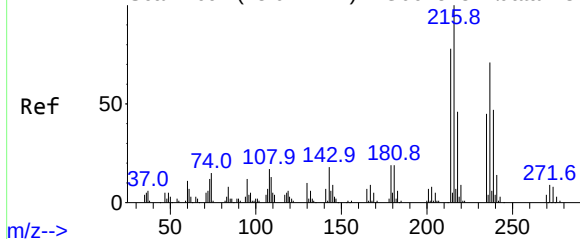
214 77.1 61.4 92.2

179 19.2 15.4 23.0

108 16.3 11.8 17.6



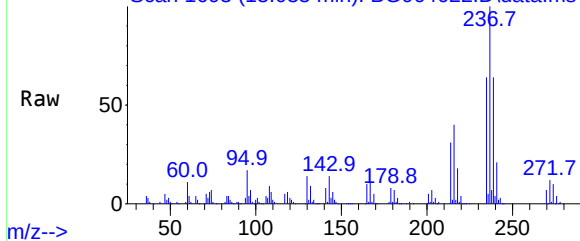
Abundance Scan 1694 (13.041 min): BG064573.D\data.ms (



#41
 Hexachlorocyclopentadiene
 Concen: 124.589 ng
 RT: 13.035 min Scan# 1693
 Delta R.T. -0.003 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

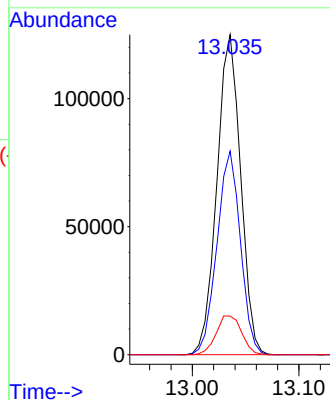
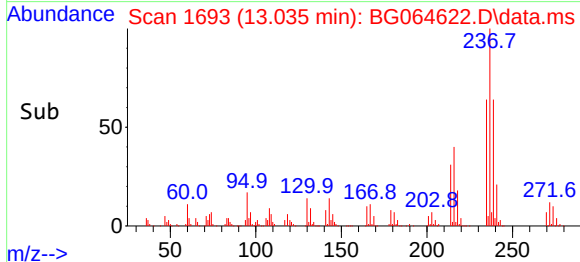
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

Abundance Scan 1693 (13.035 min): BG064622.D\data.ms

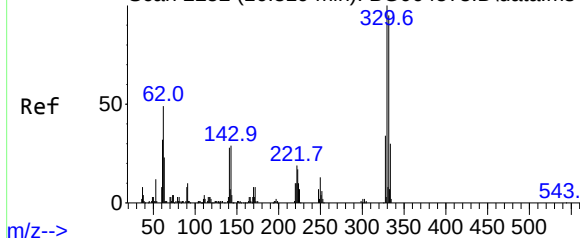


Tgt Ion:237 Resp: 193126
 Ion Ratio Lower Upper
 237 100
 235 63.6 44.1 84.1
 272 12.1 0.0 32.4

Abundance Scan 1693 (13.035 min): BG064622.D\data.ms (

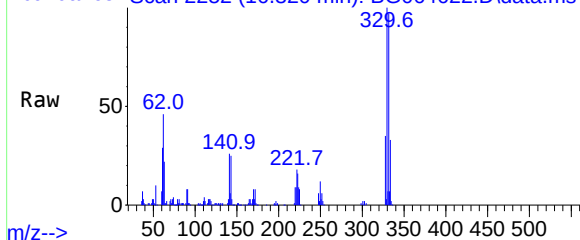


Abundance Scan 2252 (16.319 min): BG064573.D\data.ms (



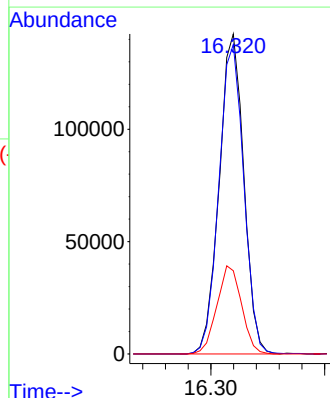
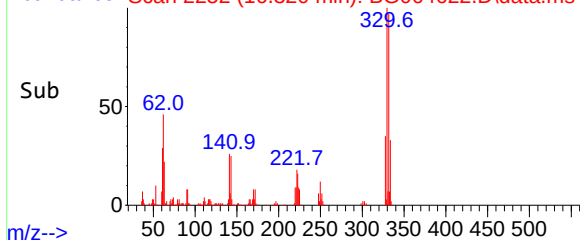
#42
 2,4,6-Tribromophenol
 Concen: 144.224 ng
 RT: 16.320 min Scan# 2252
 Delta R.T. -0.003 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

Abundance Scan 2252 (16.320 min): BG064622.D\data.ms

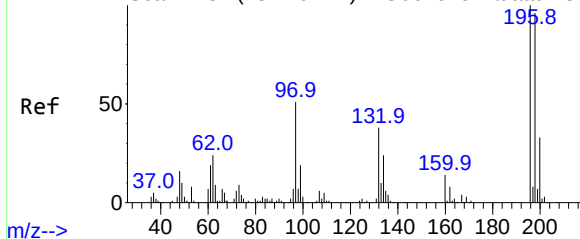


Tgt Ion:330 Resp: 213604
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.0 117.0
 141 27.7 21.8 32.6

Abundance Scan 2252 (16.320 min): BG064622.D\data.ms (



Abundance Scan 1734 (13.276 min): BG064573.D\data.ms (

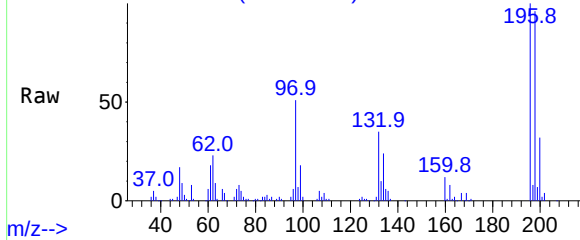


#43
2,4,6-Trichlorophenol
Concen: 49.656 ng
RT: 13.276 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

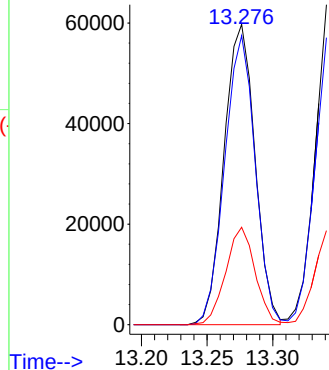
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion	196	198	200
Resp:	97819		
Ratio	100	96.2	32.5
Lower		76.6	26.0
Upper		115.0	39.0

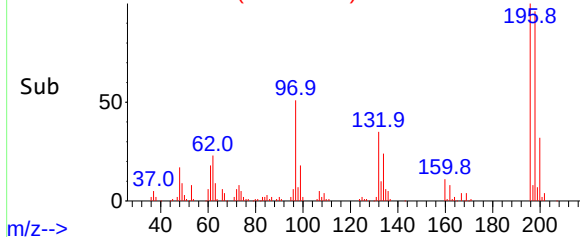
Abundance Scan 1734 (13.276 min): BG064622.D\data.ms



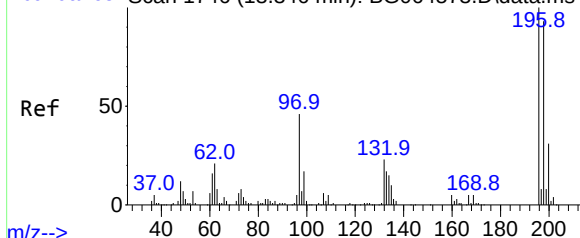
Abundance



Abundance Scan 1734 (13.276 min): BG064622.D\data.ms (



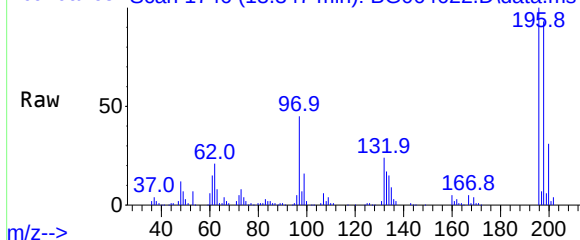
Abundance Scan 1746 (13.346 min): BG064573.D\data.ms (



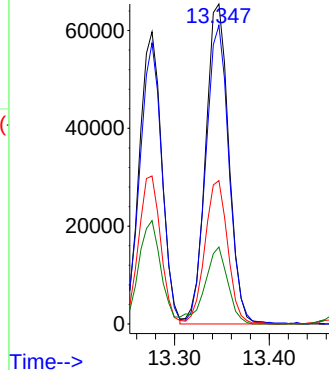
#44
2,4,5-Trichlorophenol
Concen: 48.976 ng
RT: 13.347 min Scan# 1746
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion	196	198	97	132
Resp:	111336			
Ratio	100	93.3	44.8	24.0
Lower		74.2	37.0	18.5
Upper		111.4	55.6	27.7

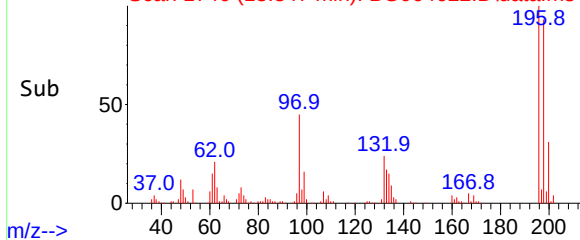
Abundance Scan 1746 (13.347 min): BG064622.D\data.ms

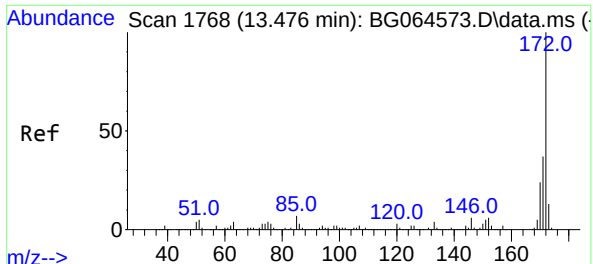


Abundance



Abundance Scan 1746 (13.347 min): BG064622.D\data.ms (

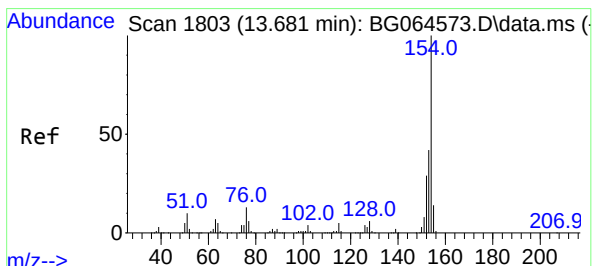
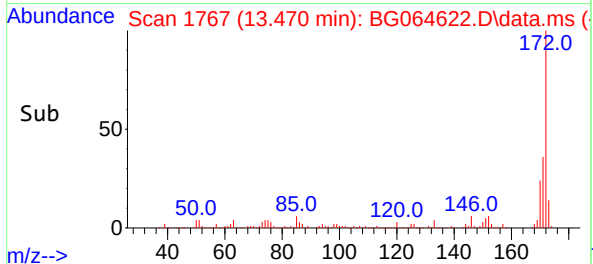
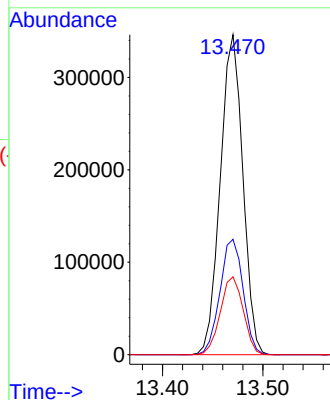
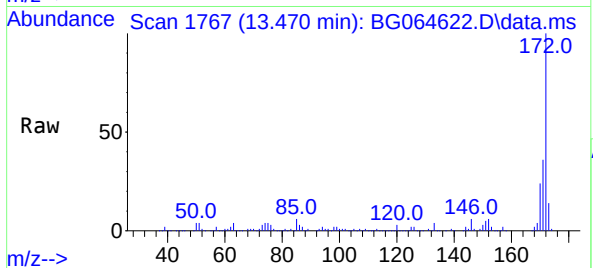




#45
2-Fluorobiphenyl
Concen: 79.642 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

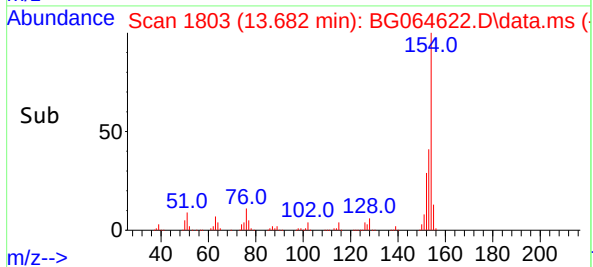
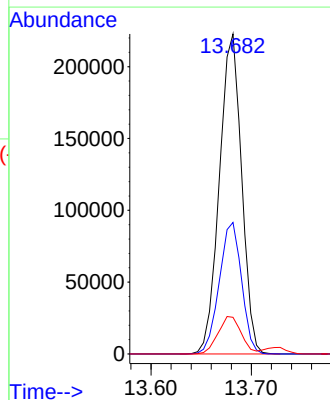
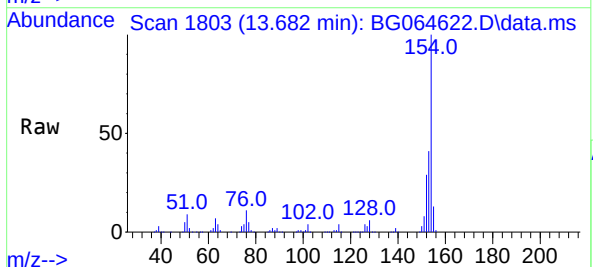
Instrument :
BNA_G
ClientSampleId :
PB170215BS

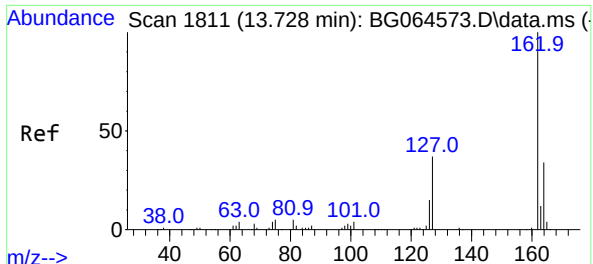
Tgt Ion:172 Resp: 539175
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.801 ng
RT: 13.682 min Scan# 1803
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:154 Resp: 341429
Ion Ratio Lower Upper
154 100
153 41.1 22.4 62.4
76 11.4 0.0 33.5

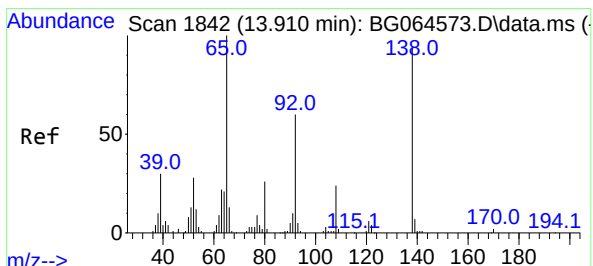
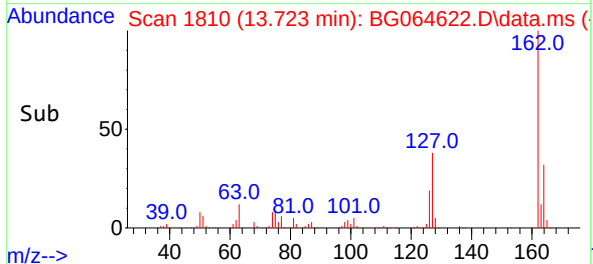
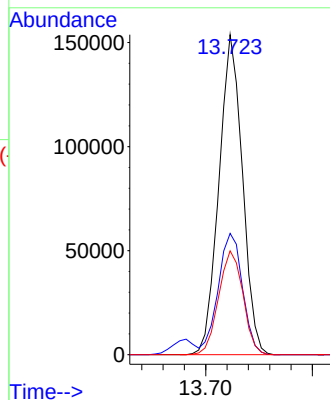
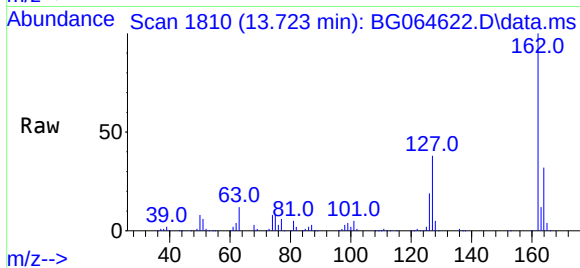




#47
2-Chloronaphthalene
Concen: 42.637 ng
RT: 13.723 min Scan# 1811
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

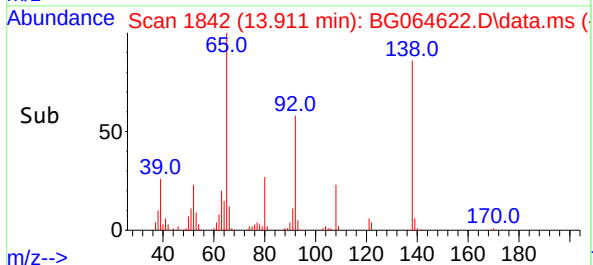
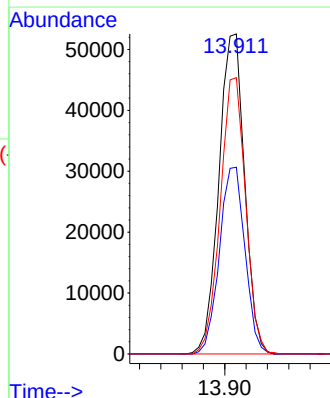
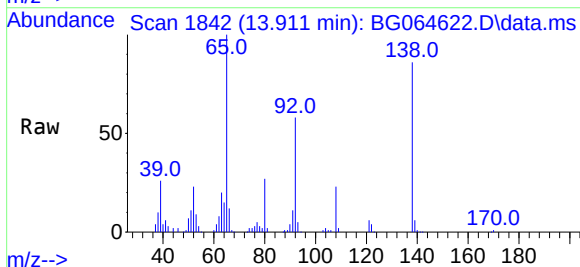
Instrument :
BNA_G
ClientSampleId :
PB170215BS

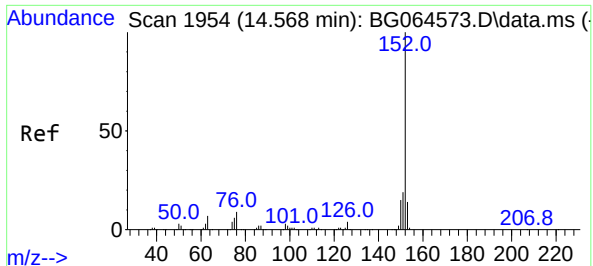
Tgt Ion:162 Resp: 234788
Ion Ratio Lower Upper
162 100
127 37.9 32.2 48.2
164 32.4 27.5 41.3



#48
2-Nitroaniline
Concen: 47.555 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 65 Resp: 87853
Ion Ratio Lower Upper
65 100
92 58.4 48.3 72.5
138 86.3 74.9 112.3

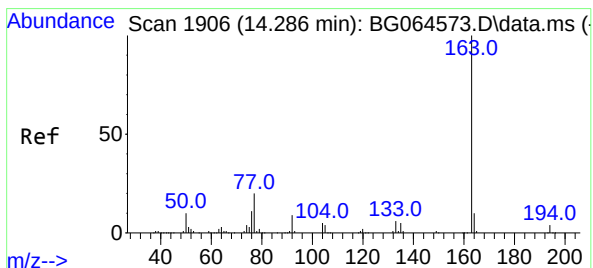
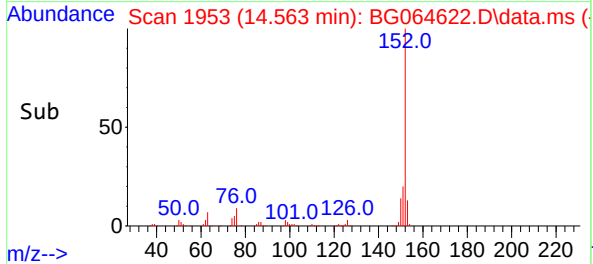
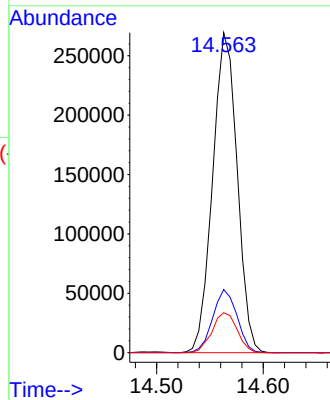
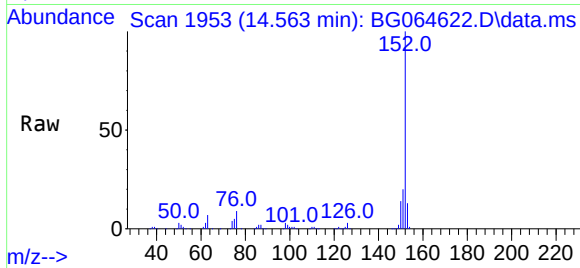




#49
Acenaphthylene
Concen: 49.562 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

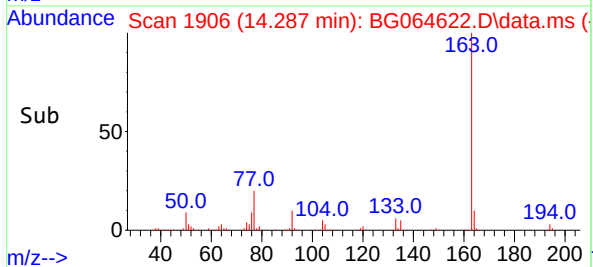
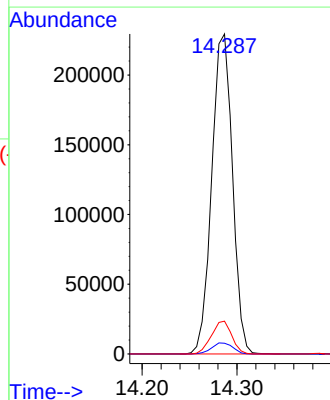
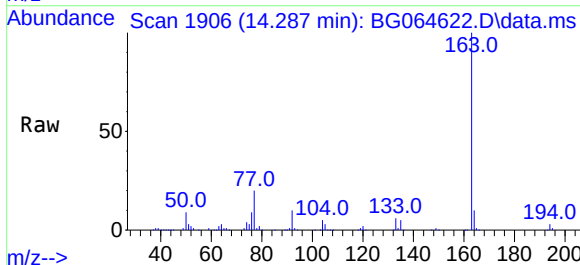
Instrument :
BNA_G
ClientSampleId :
PB170215BS

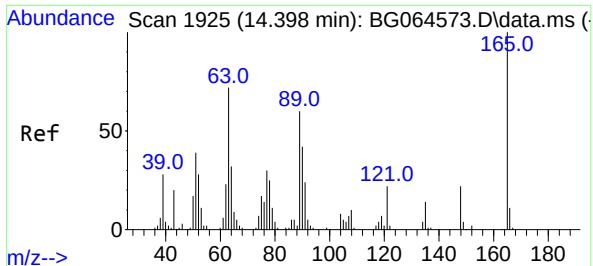
Tgt Ion:152 Resp: 430487
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 12.5 11.0 16.4



#50
Dimethylphthalate
Concen: 44.275 ng
RT: 14.287 min Scan# 1906
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:163 Resp: 347656
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 7.7 11.5

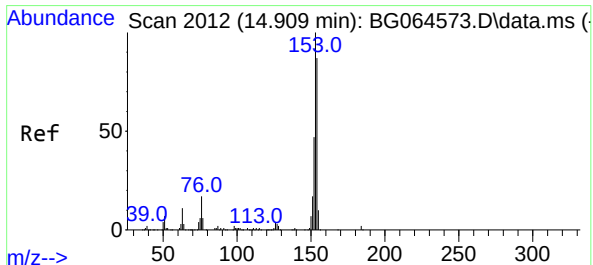
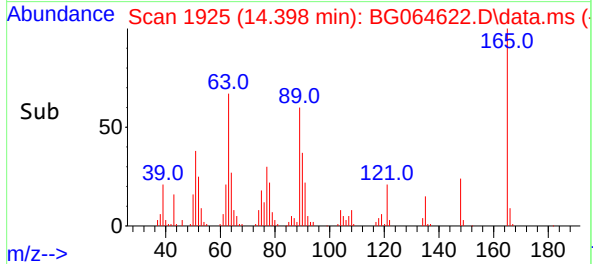
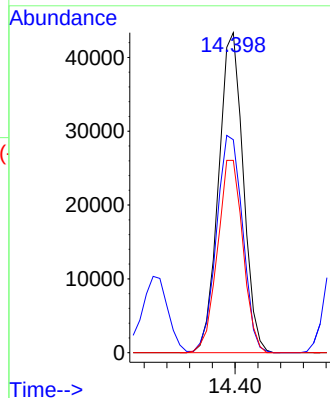
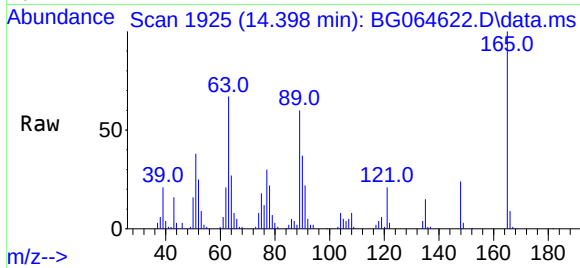




#51
2,6-Dinitrotoluene
Concen: 50.188 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

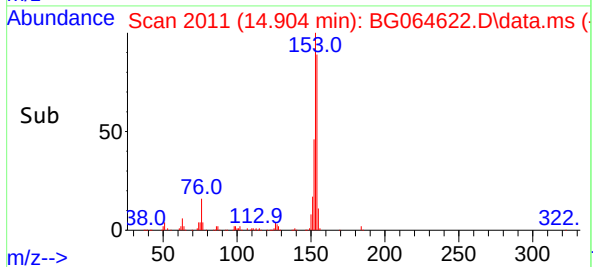
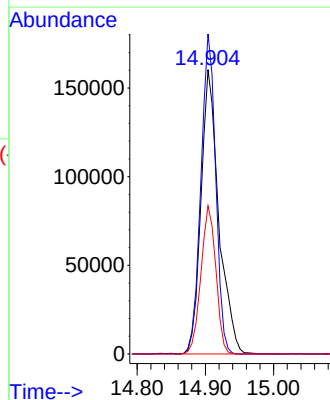
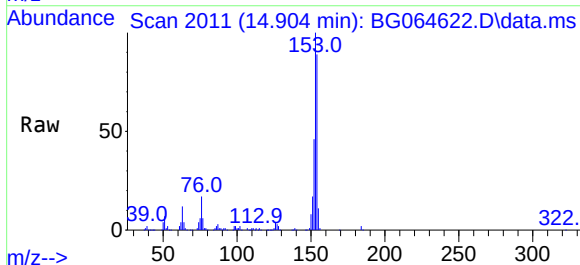
Instrument :
BNA_G
ClientSampleId :
PB170215BS

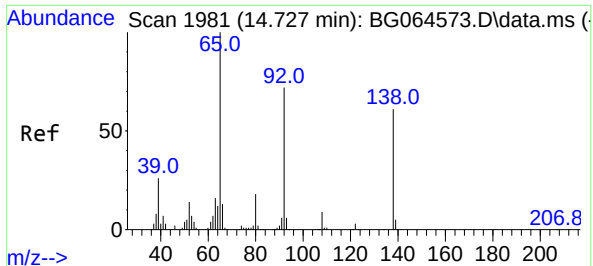
Tgt Ion:165 Resp: 65227
Ion Ratio Lower Upper
165 100
63 66.6 57.4 86.0
89 60.1 47.8 71.8



#52
Acenaphthene
Concen: 49.021 ng
RT: 14.904 min Scan# 2011
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:154 Resp: 290908
Ion Ratio Lower Upper
154 100
153 112.6 92.2 138.4
152 52.1 43.2 64.8

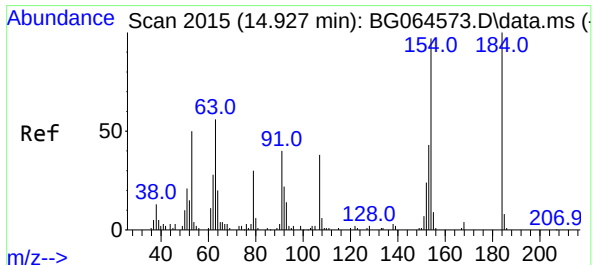
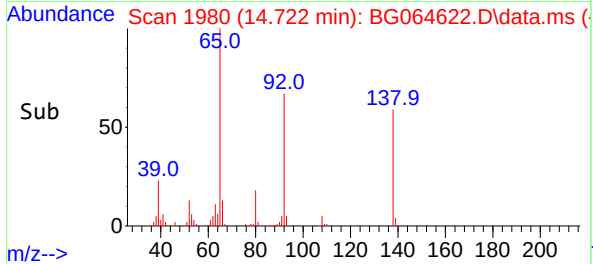
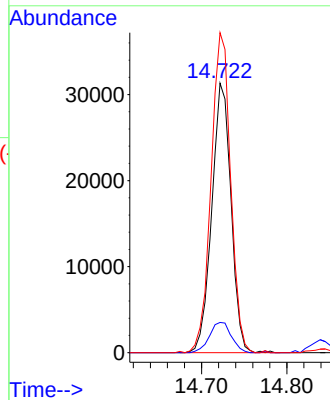
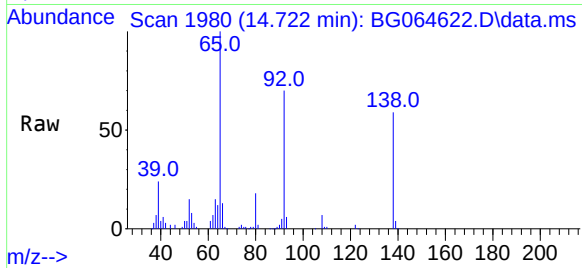




#53
3-Nitroaniline
Concen: 36.402 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

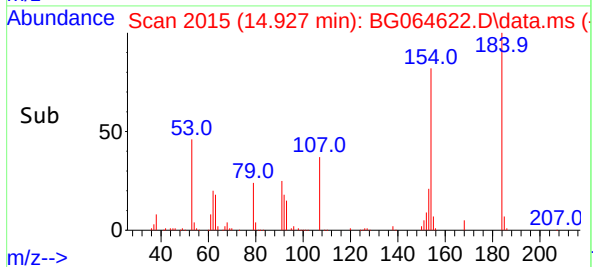
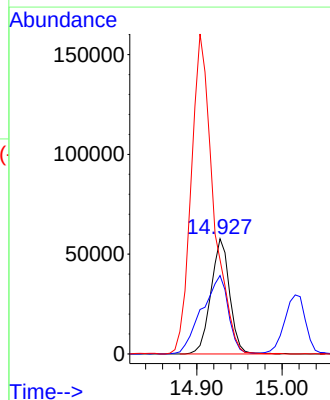
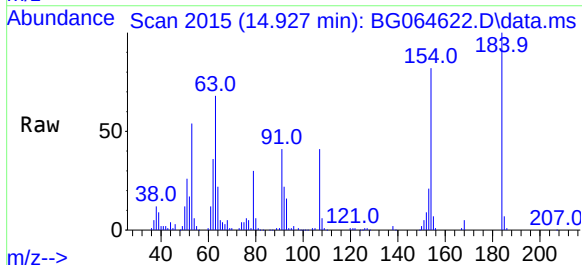
Instrument :
BNA_G
ClientSampleId :
PB170215BS

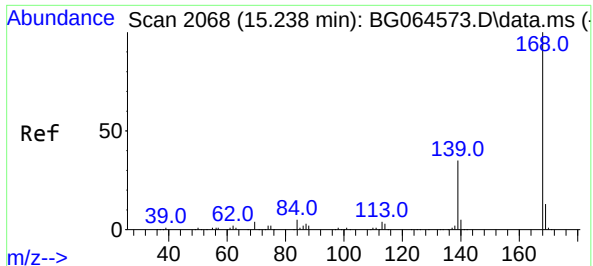
Tgt Ion:138 Resp: 49122
Ion Ratio Lower Upper
138 100
108 11.2 11.4 17.0#
92 118.7 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 108.602 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:184 Resp: 88044
Ion Ratio Lower Upper
184 100
63 68.2 56.6 85.0
154 81.9 158.6 238.0#

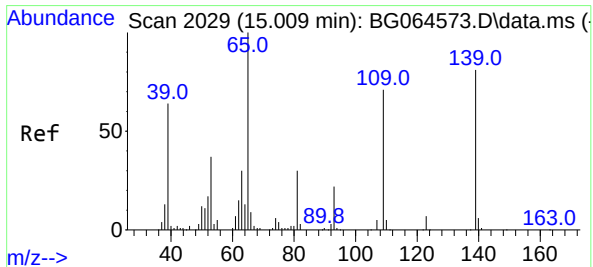
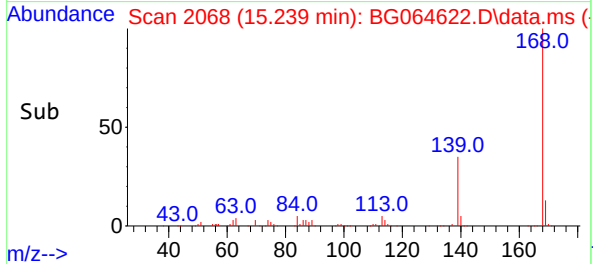
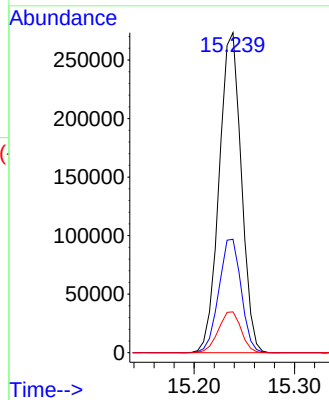
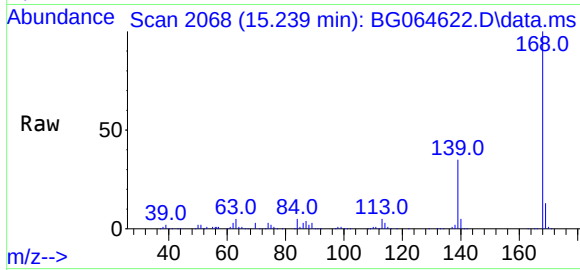




#55
Dibenzenofuran
Concen: 43.618 ng
RT: 15.239 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

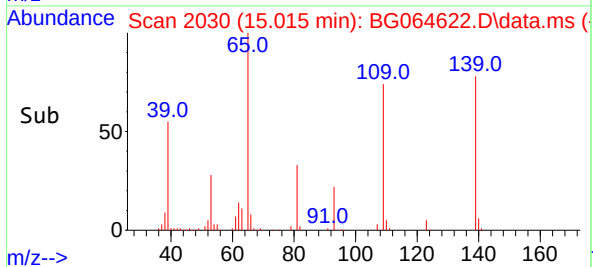
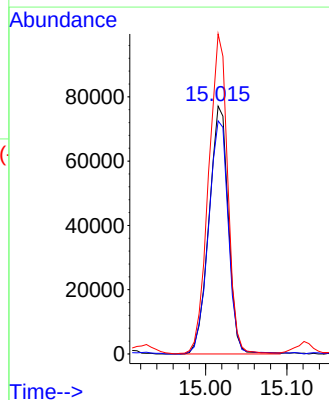
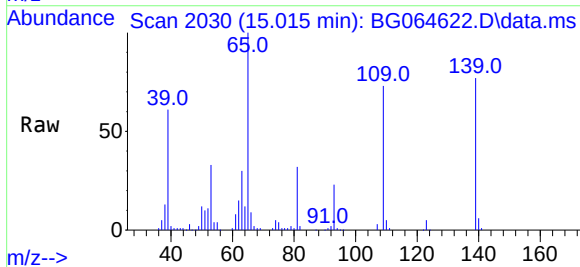
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:168 Resp: 418469
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.8 10.3 15.5

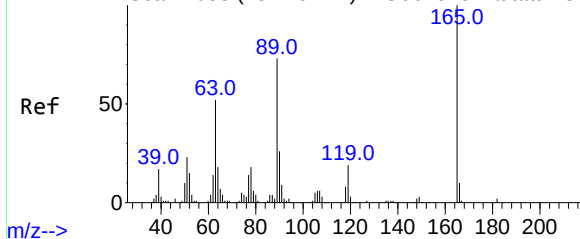


#56
4-Nitrophenol
Concen: 102.115 ng
RT: 15.015 min Scan# 2030
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:139 Resp: 127758
Ion Ratio Lower Upper
139 100
109 94.1 67.8 107.8
65 129.1 103.7 143.7



Abundance Scan 2058 (15.179 min): BG064573.D\data.ms (

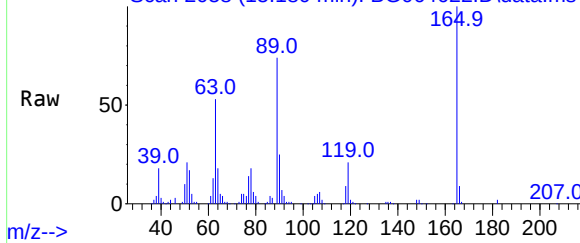


#57
2,4-Dinitrotoluene
Concen: 50.198 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

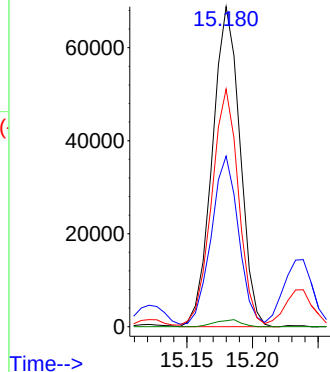
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:165 Resp: 100857
Ion Ratio Lower Upper
165 100
63 53.3 41.8 62.8
89 74.2 58.1 87.1
182 1.8 1.4 2.0

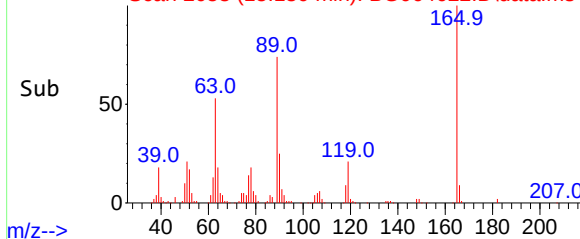
Abundance Scan 2058 (15.180 min): BG064622.D\data.ms



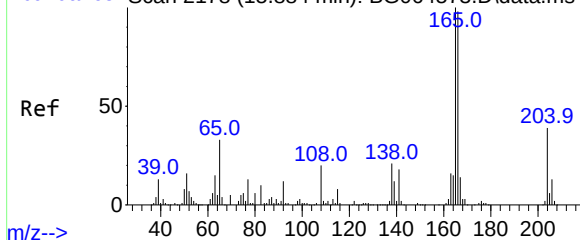
Abundance



Abundance Scan 2058 (15.180 min): BG064622.D\data.ms (



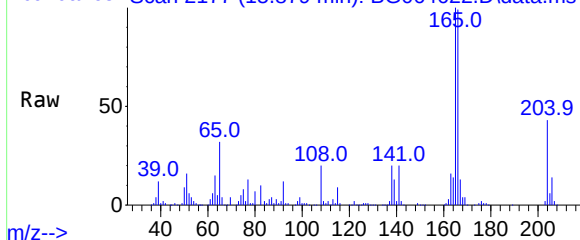
Abundance Scan 2178 (15.884 min): BG064573.D\data.ms (



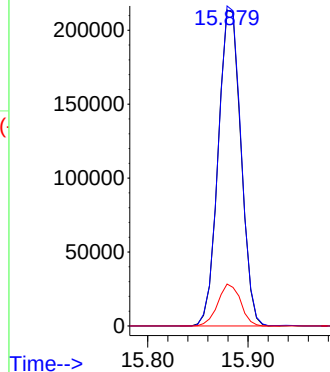
#58
Fluorene
Concen: 44.792 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:166 Resp: 335610
Ion Ratio Lower Upper
166 100
165 101.3 81.5 122.3
167 13.3 11.4 17.0

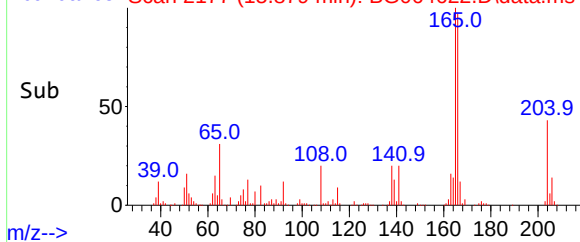
Abundance Scan 2177 (15.879 min): BG064622.D\data.ms

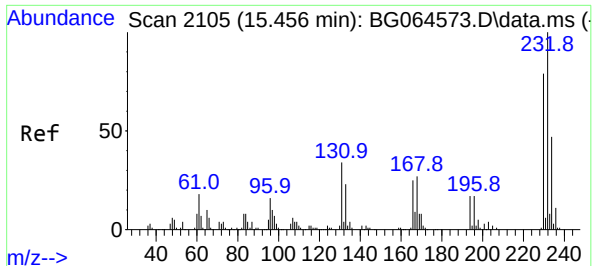


Abundance



Abundance Scan 2177 (15.879 min): BG064622.D\data.ms (

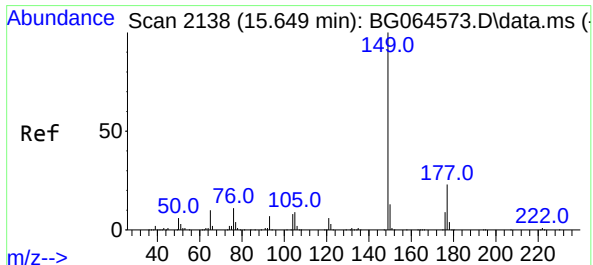
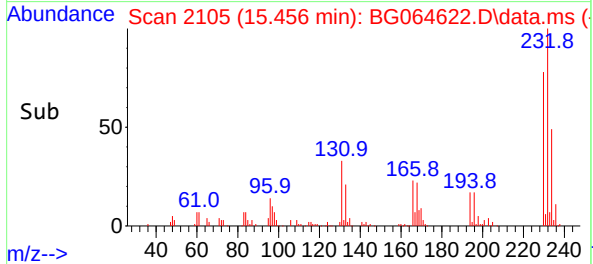
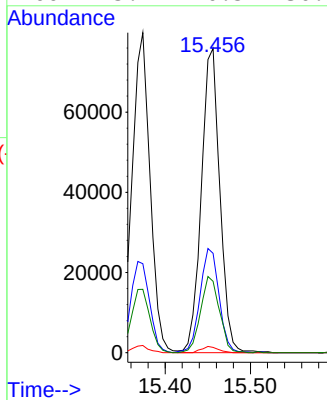
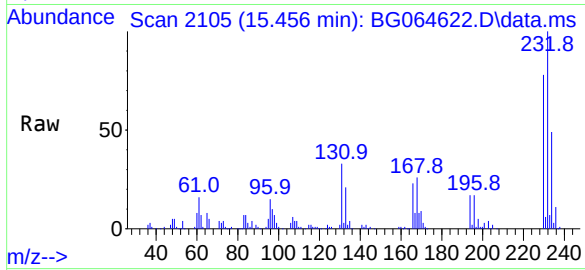




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.720 ng
RT: 15.456 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

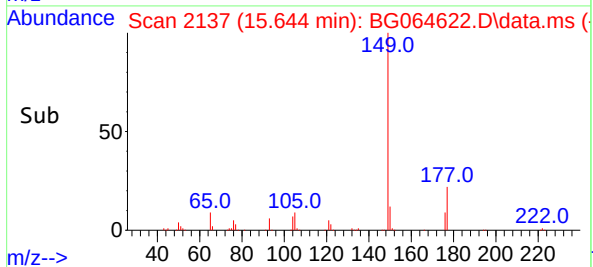
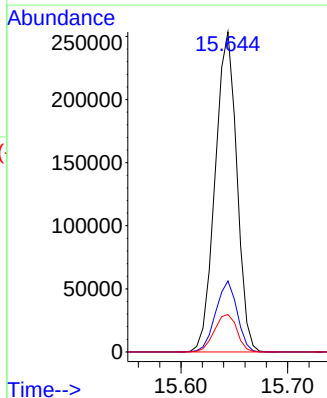
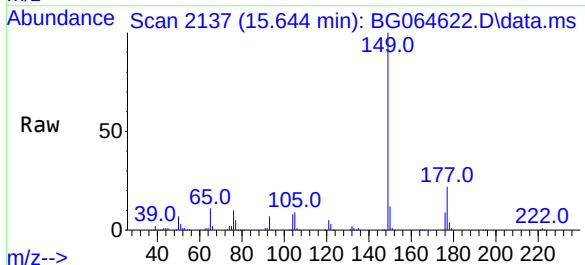
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:232 Resp: 114603
Ion Ratio Lower Upper
232 100
131 35.2 26.7 40.1
130 1.8 1.6 2.4
166 25.4 20.5 30.7

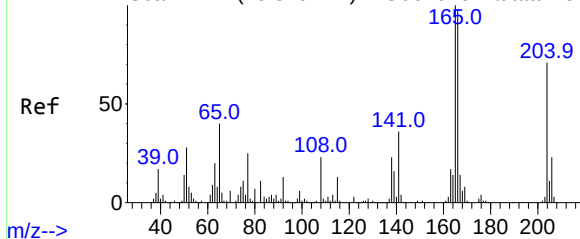


#60
Diethylphthalate
Concen: 44.576 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 357386
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 11.7 10.2 15.4



Abundance Scan 2177 (15.879 min): BG064573.D\data.ms (

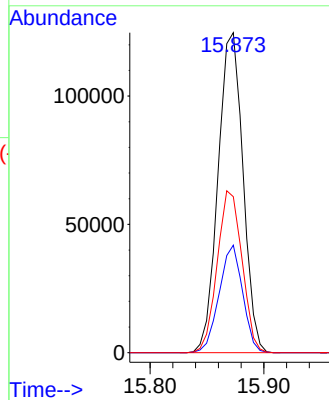
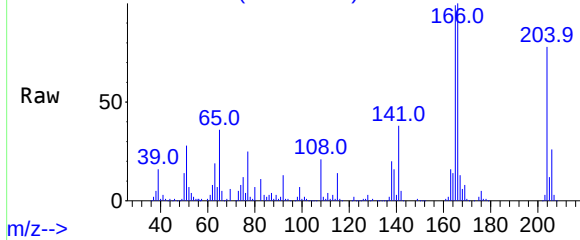


#61
4-Chlorophenyl-phenylether
Concen: 45.190 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

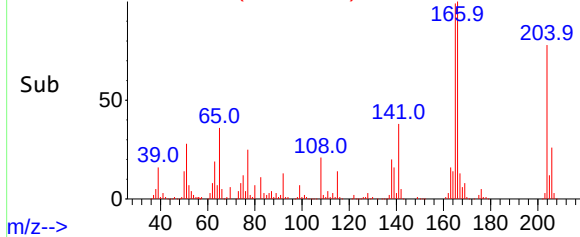
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:204 Resp: 190016
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 48.8 40.6 60.8

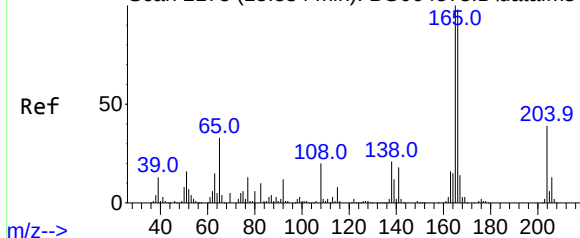
Abundance Scan 2176 (15.873 min): BG064622.D\data.ms (



Abundance Scan 2176 (15.873 min): BG064622.D\data.ms (



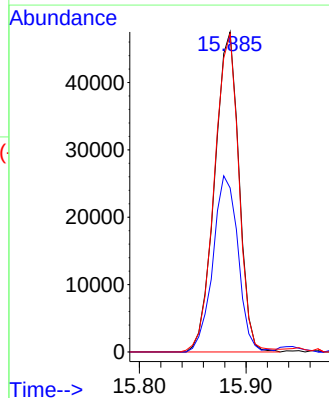
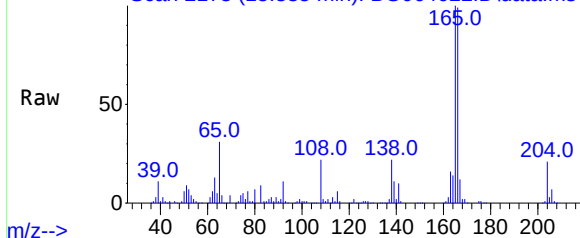
Abundance Scan 2178 (15.884 min): BG064573.D\data.ms (



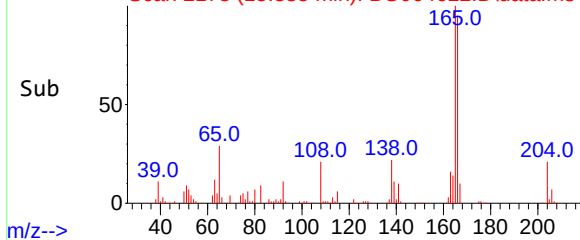
#62
4-Nitroaniline
Concen: 49.873 ng
RT: 15.885 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

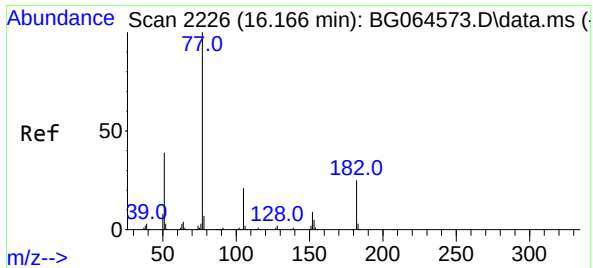
Tgt Ion:138 Resp: 74872
Ion Ratio Lower Upper
138 100
92 51.2 36.1 76.1
108 99.4 75.6 115.6

Abundance Scan 2178 (15.885 min): BG064622.D\data.ms (



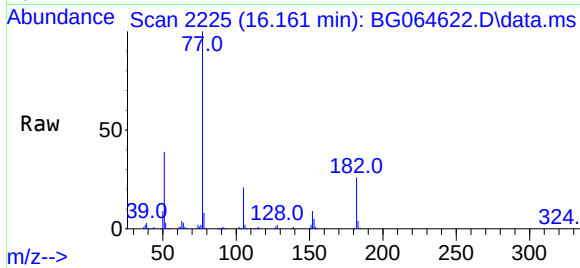
Abundance Scan 2178 (15.885 min): BG064622.D\data.ms (



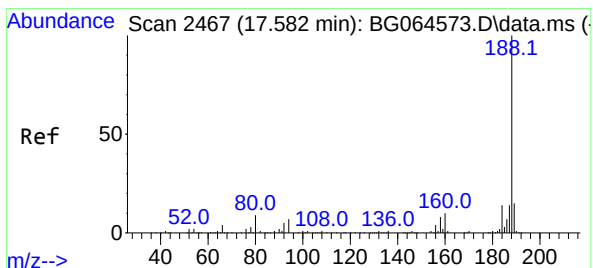
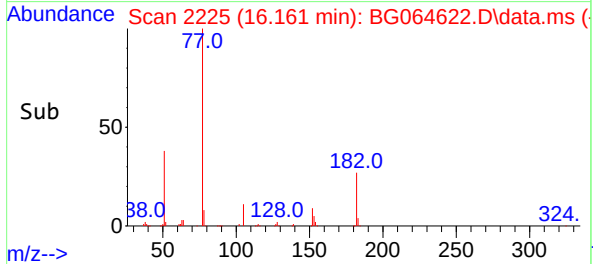
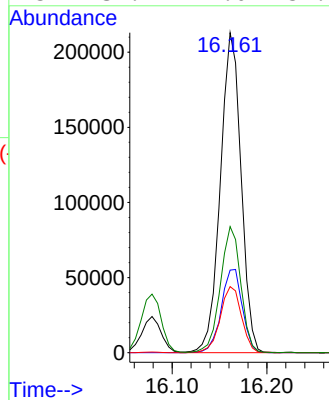


#63
Azobenzene
Concen: 44.003 ng
RT: 16.161 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Instrument :
BNA_G
ClientSampleId :
PB170215BS

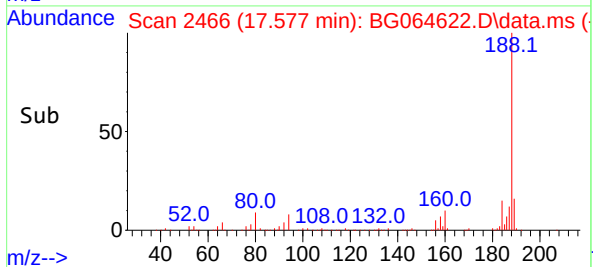
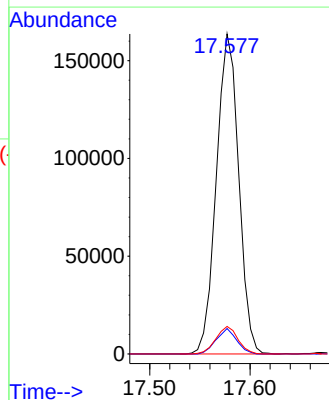
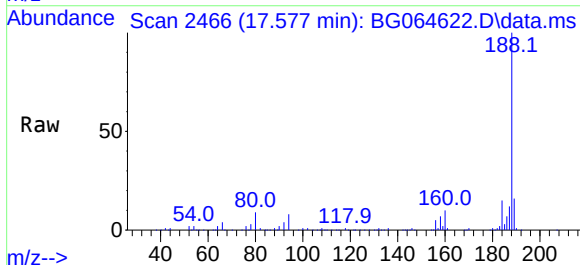


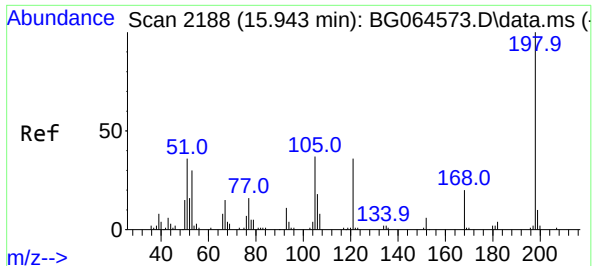
Tgt Ion: 77 Resp: 323701
Ion Ratio Lower Upper
77 100
182 25.8 4.9 44.9
105 20.7 1.3 41.3
51 39.4 19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion: 188 Resp: 252758
Ion Ratio Lower Upper
188 100
94 7.9 5.7 8.5
80 8.6 6.8 10.2

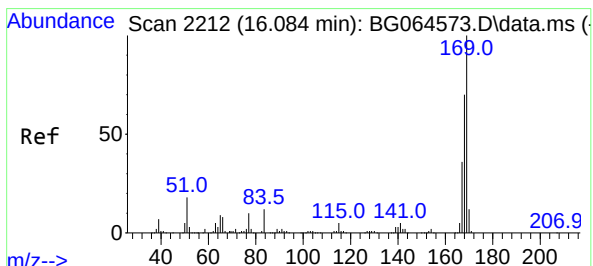
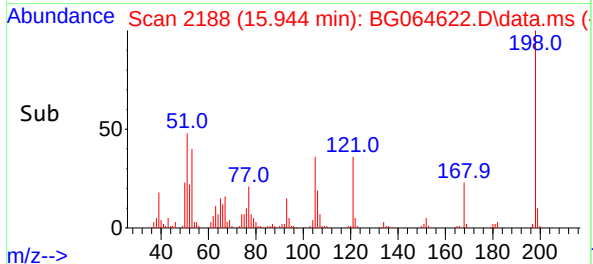
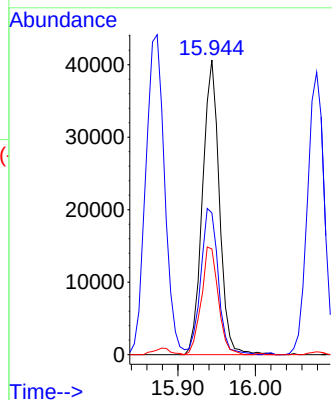
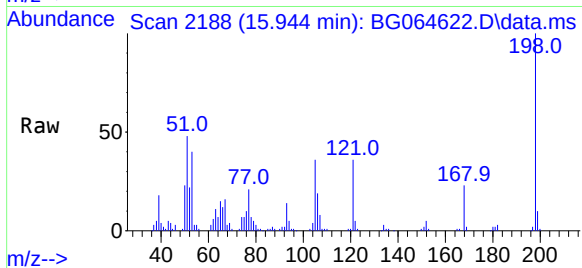




#65
4,6-Dinitro-2-methylphenol
Concen: 54.580 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

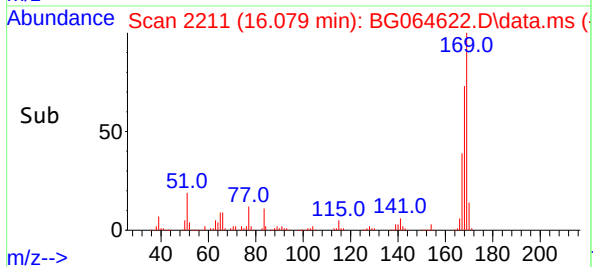
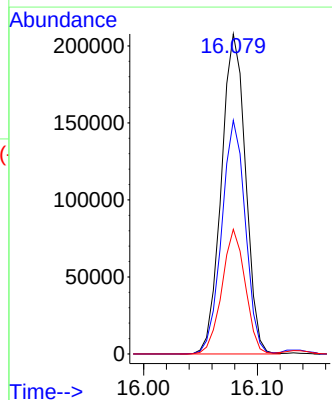
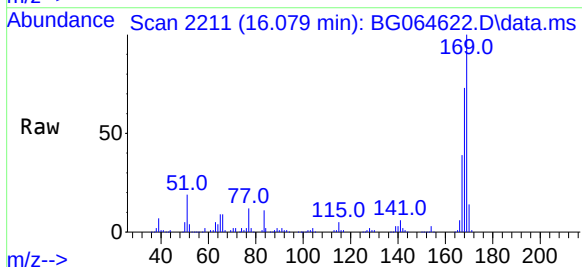
Instrument :
BNA_G
ClientSampleId :
PB170215BS

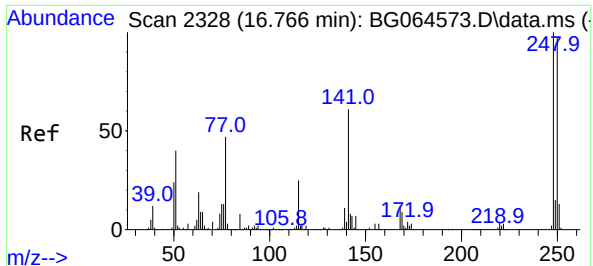
Tgt Ion:198 Resp: 61637
Ion Ratio Lower Upper
198 100
51 48.1 24.7 64.7
105 35.9 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 45.018 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:169 Resp: 307367
Ion Ratio Lower Upper
169 100
168 73.0 56.3 84.5
167 39.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 44.682 ng

RT: 16.766 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

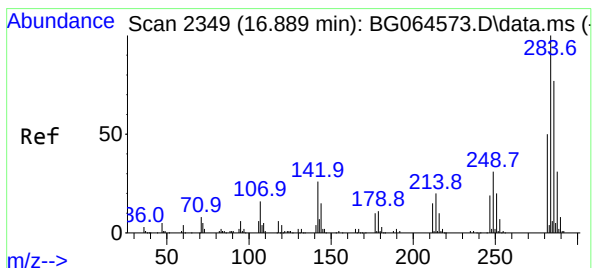
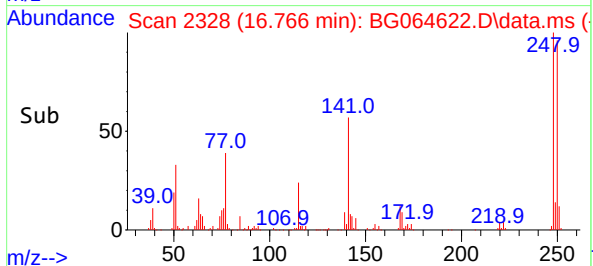
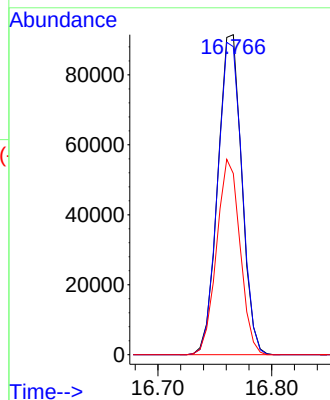
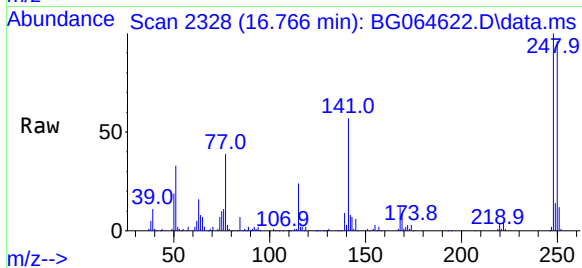
Tgt Ion:248 Resp: 133834

Ion Ratio Lower Upper

248 100

250 96.3 77.7 116.5

141 56.6 48.6 72.8



#68

Hexachlorobenzene

Concen: 45.618 ng

RT: 16.884 min Scan# 2348

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

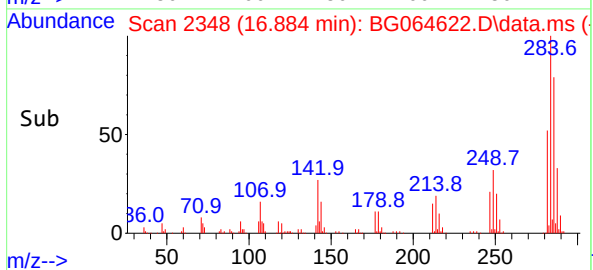
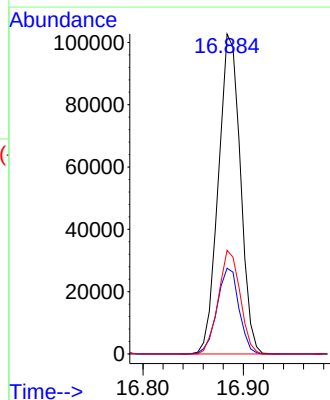
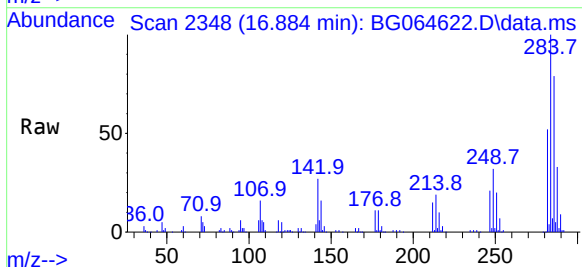
Tgt Ion:284 Resp: 155883

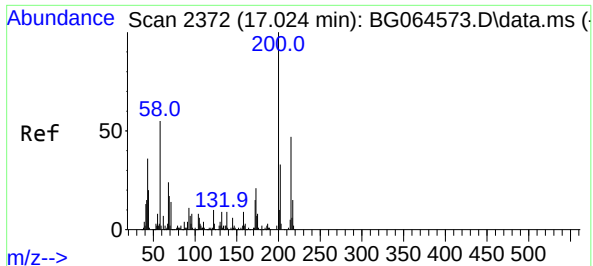
Ion Ratio Lower Upper

284 100

142 26.8 21.0 31.6

249 34.6 24.9 37.3

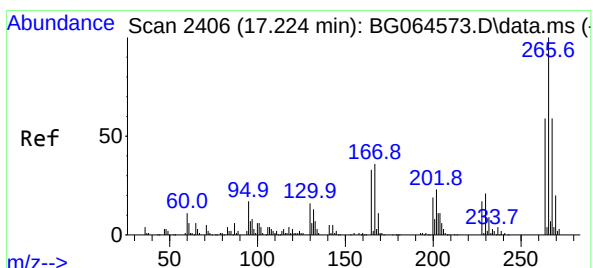
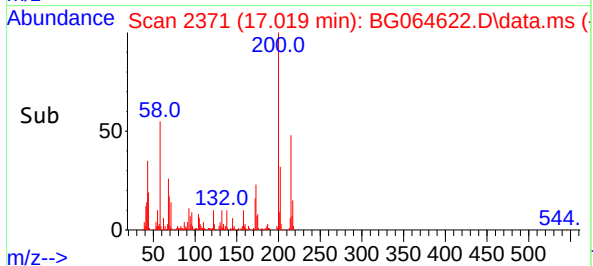
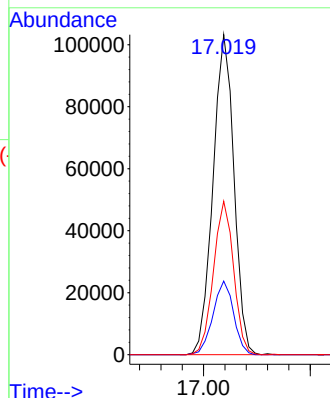
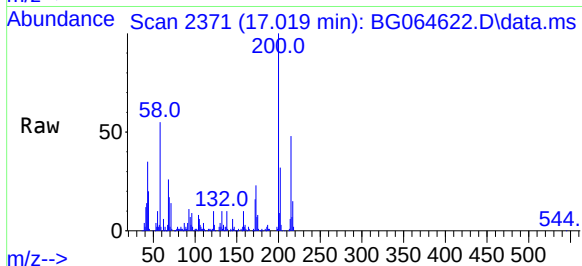




#69
 Atrazine
 Concen: 47.830 ng
 RT: 17.019 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

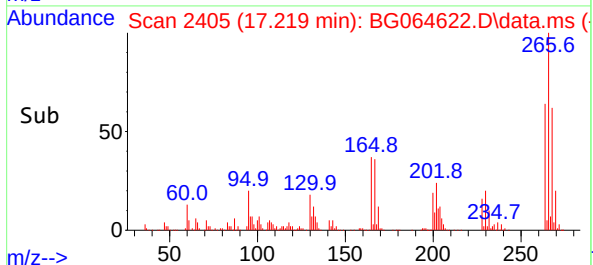
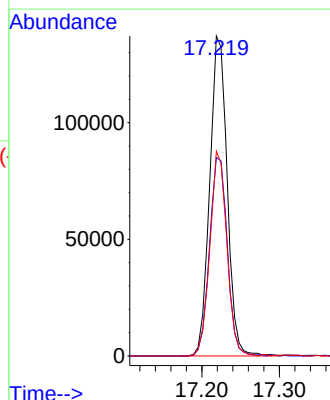
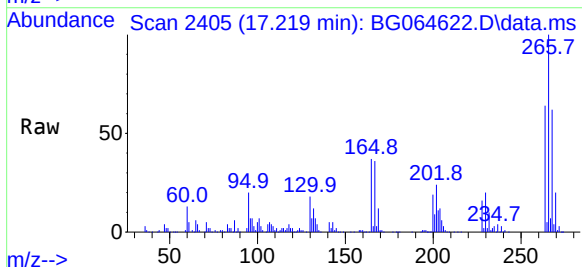
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

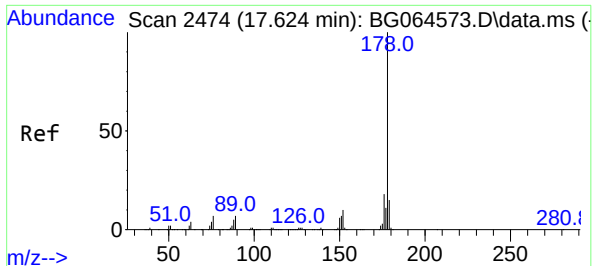
Tgt Ion:200 Resp: 140535
 Ion Ratio Lower Upper
 200 100
 173 23.0 0.9 40.9
 215 47.9 27.0 67.0



#70
 Pentachlorophenol
 Concen: 100.429 ng
 RT: 17.219 min Scan# 2405
 Delta R.T. -0.009 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

Tgt Ion:266 Resp: 214000
 Ion Ratio Lower Upper
 266 100
 268 66.3 50.3 75.5
 264 63.9 47.3 70.9

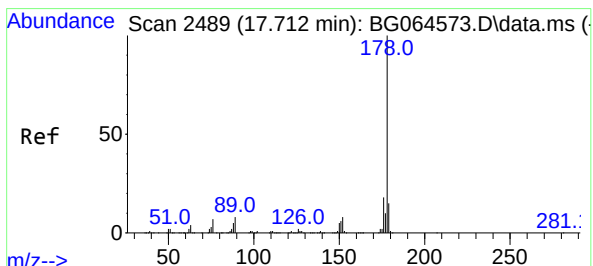
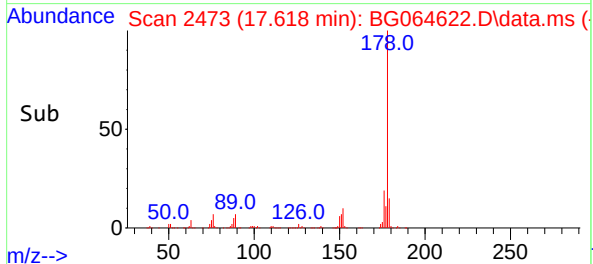
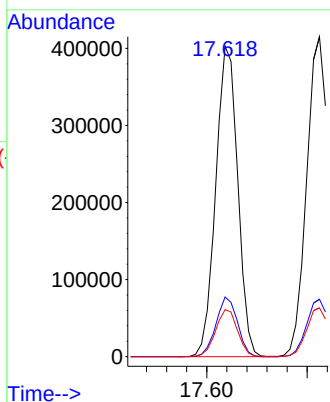
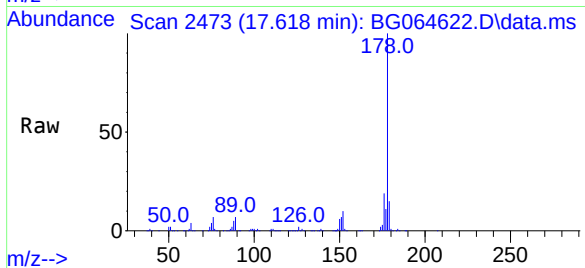




#71
Phenanthrene
Concen: 44.297 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

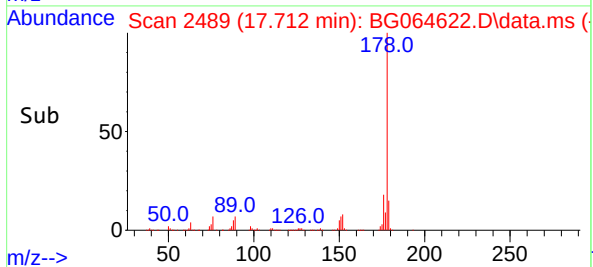
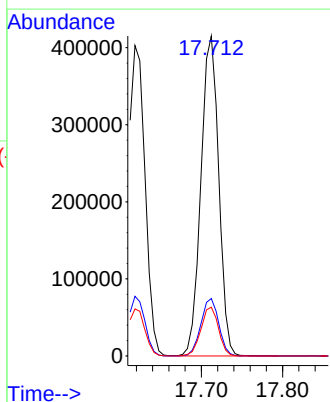
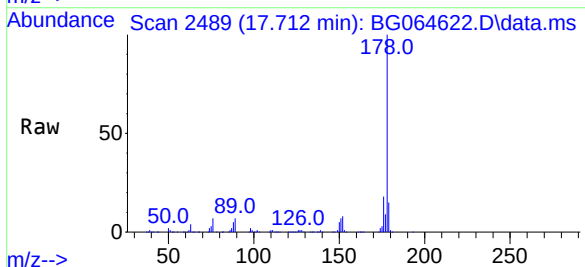
Instrument :
BNA_G
ClientSampleId :
PB170215BS

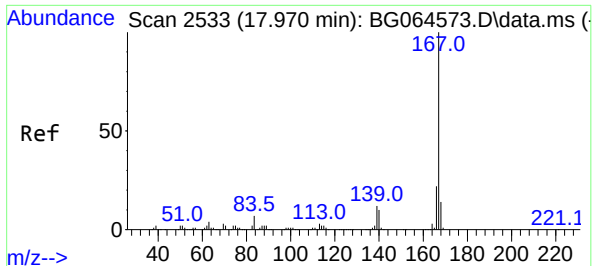
Tgt Ion:178 Resp: 612283
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.900 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:178 Resp: 631323
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.2 12.4 18.6

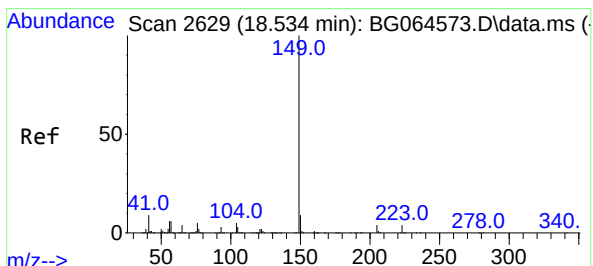
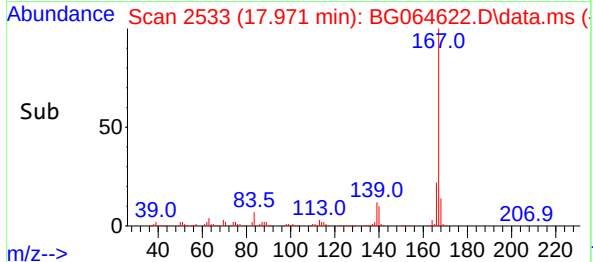
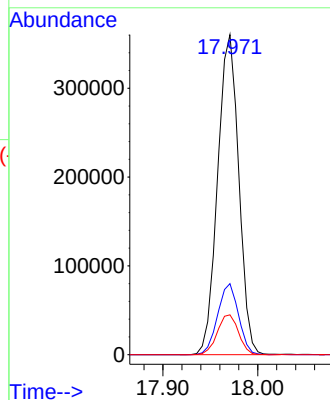
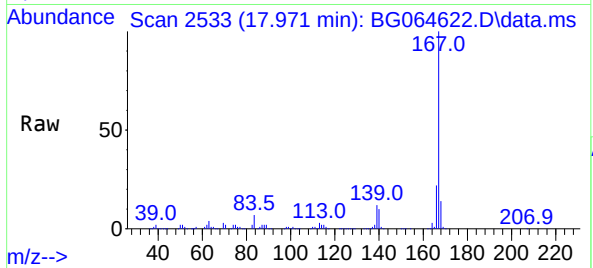




#73
Carbazole
Concen: 45.052 ng
RT: 17.971 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

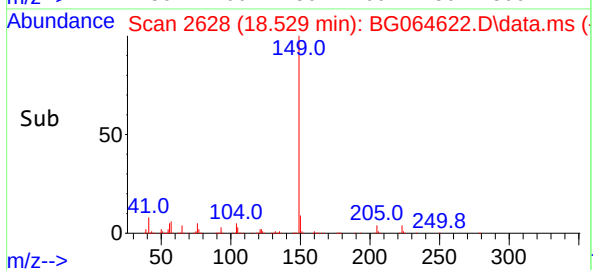
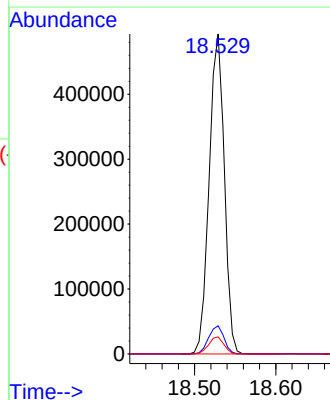
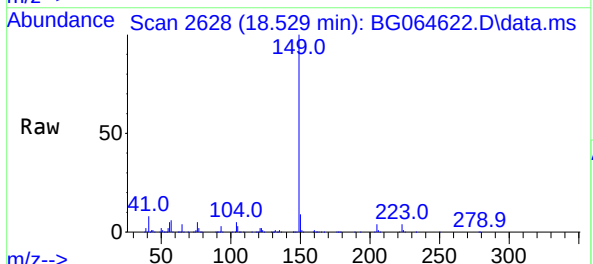
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:167 Resp: 558592
Ion Ratio Lower Upper
167 100
166 22.2 17.9 26.9
139 12.4 9.7 14.5

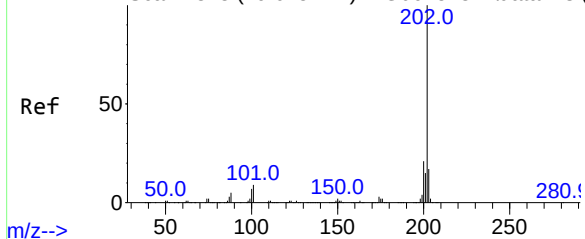


#74
Di-n-butylphthalate
Concen: 44.400 ng
RT: 18.529 min Scan# 2628
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 636589
Ion Ratio Lower Upper
149 100
150 8.8 7.0 10.6
104 5.4 4.1 6.1



Abundance Scan 2813 (19.615 min): BG064573.D\data.ms (



#75

Fluoranthene

Concen: 44.393 ng

RT: 19.616 min Scan# 2813

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:202 Resp: 768700

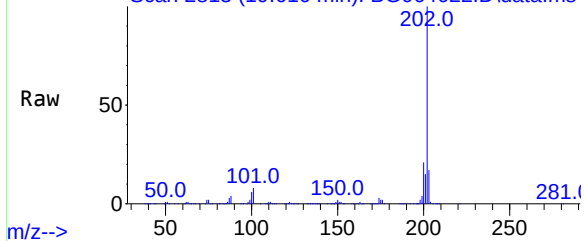
Ion Ratio Lower Upper

202 100

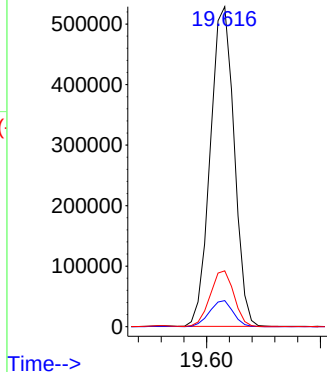
101 8.2 0.0 28.7

203 17.5 0.0 37.0

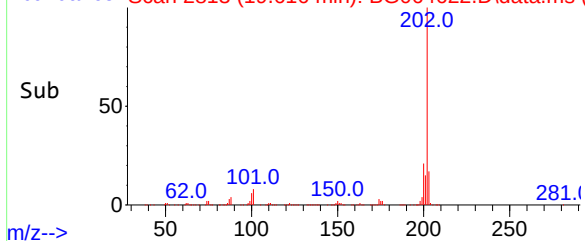
Abundance Scan 2813 (19.616 min): BG064622.D\data.ms



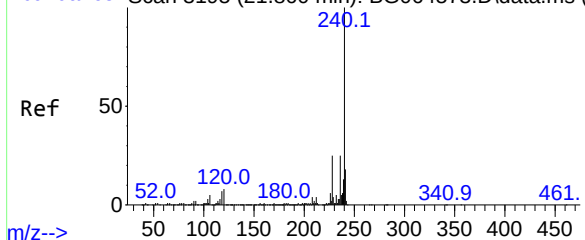
Abundance



Abundance Scan 2813 (19.616 min): BG064622.D\data.ms (



Abundance Scan 3195 (21.860 min): BG064573.D\data.ms (



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.854 min Scan# 3194

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:240 Resp: 286271

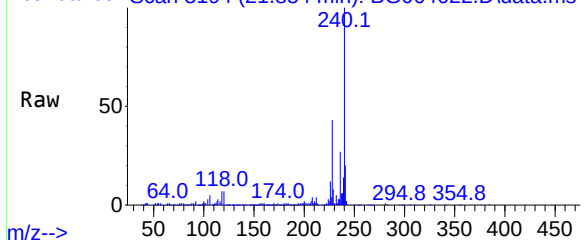
Ion Ratio Lower Upper

240 100

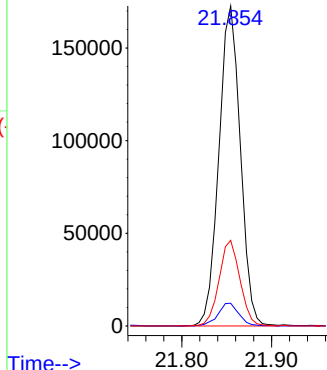
120 7.1 6.5 9.7

236 26.8 20.2 30.2

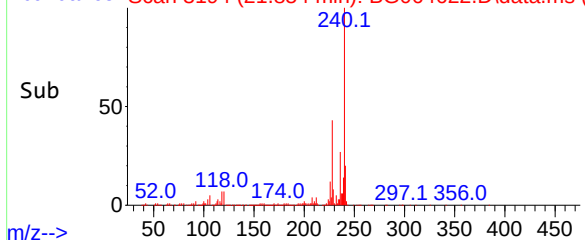
Abundance Scan 3194 (21.854 min): BG064622.D\data.ms

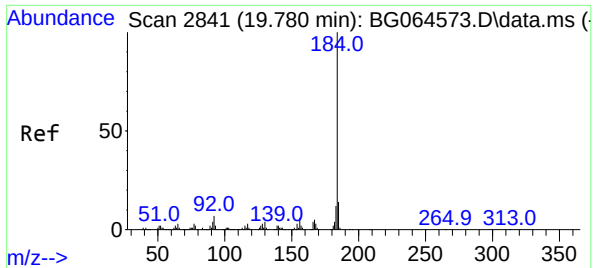


Abundance



Abundance Scan 3194 (21.854 min): BG064622.D\data.ms (

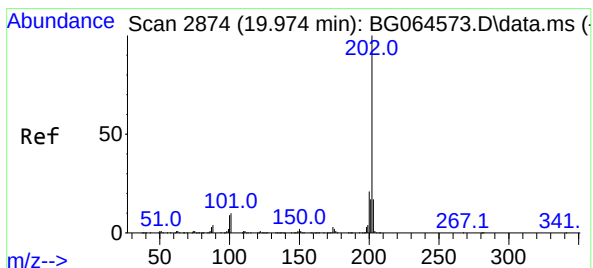
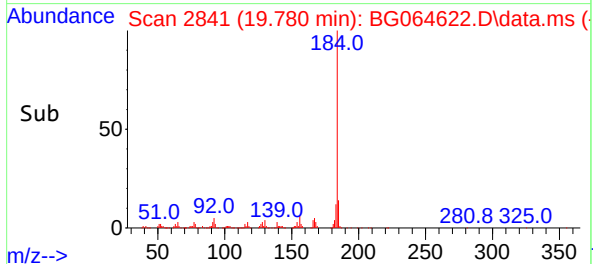
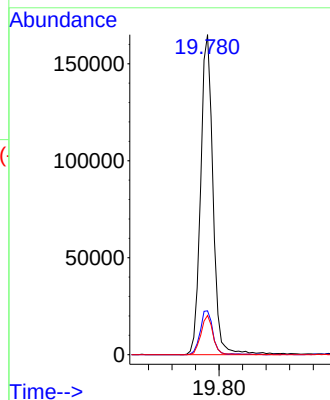
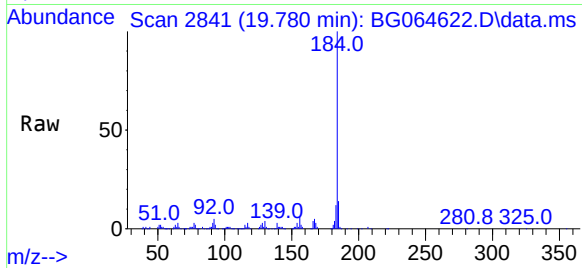




#77
Benzidine
Concen: 37.491 ng
RT: 19.780 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

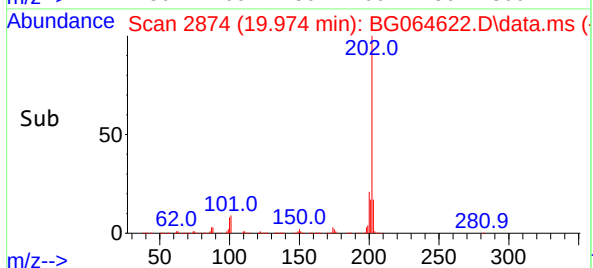
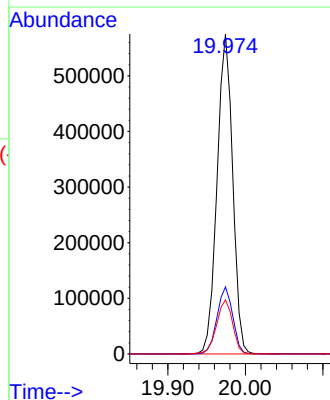
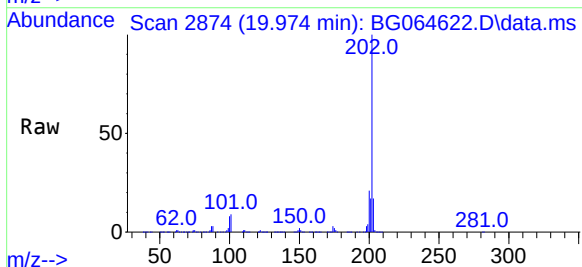
Instrument :
BNA_G
ClientSampleId :
PB170215BS

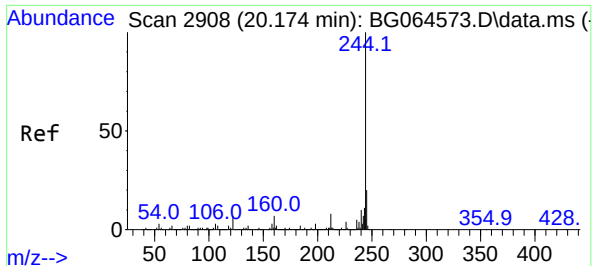
Tgt Ion:184 Resp: 240455
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 43.035 ng
RT: 19.974 min Scan# 2874
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:202 Resp: 804895
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 16.9 13.8 20.6

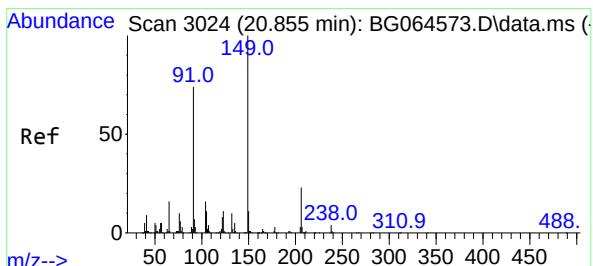
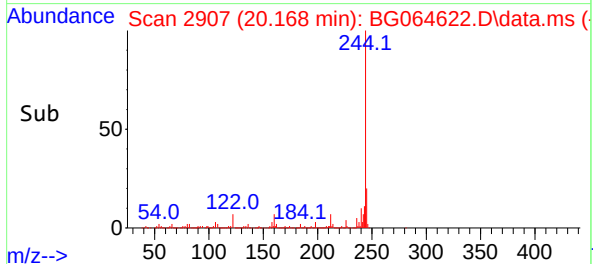
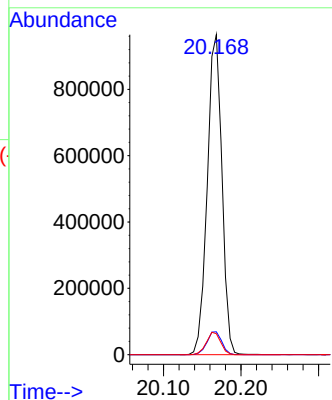
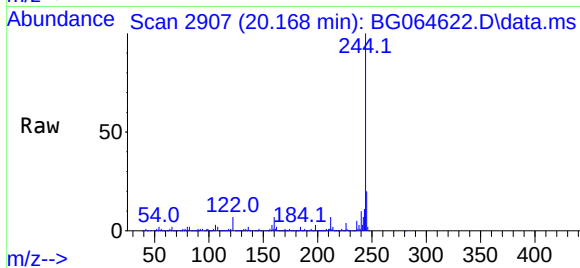




#79
 Terphenyl-d14
 Concen: 83.281 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

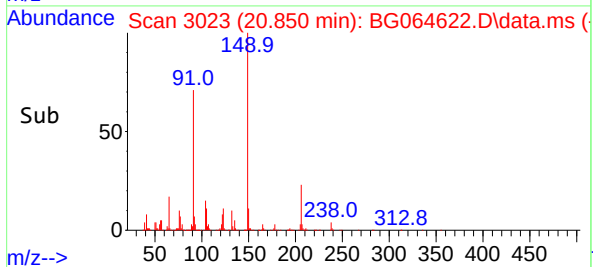
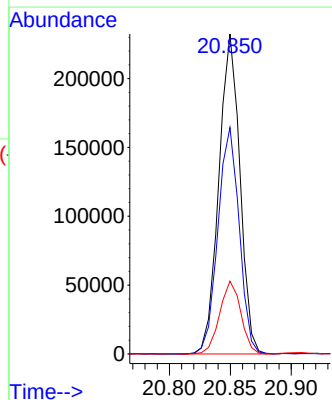
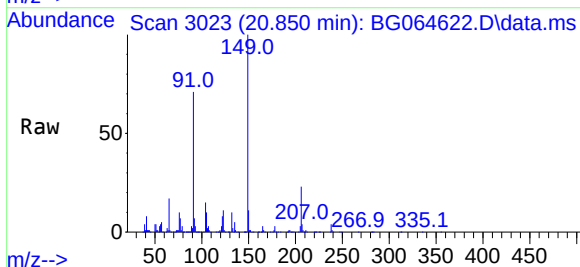
Instrument :
 BNA_G
 ClientSampleId :
 PB170215BS

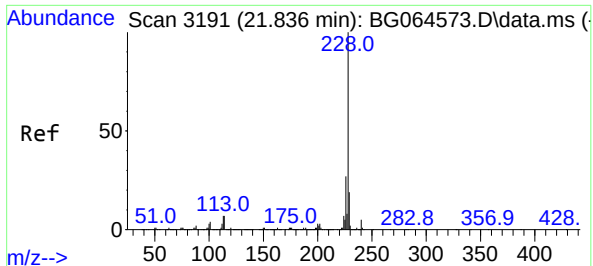
Tgt Ion:244 Resp: 1263324
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 49.405 ng
 RT: 20.850 min Scan# 3023
 Delta R.T. -0.009 min
 Lab File: BG064622.D
 Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 279278
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.2 88.8
 206 22.7 18.1 27.1

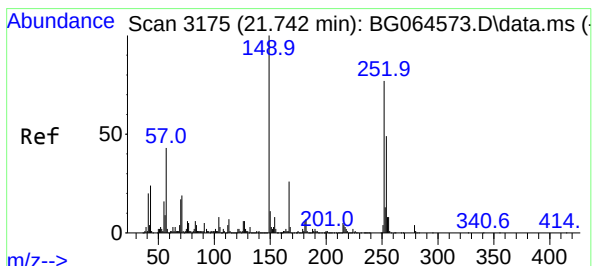
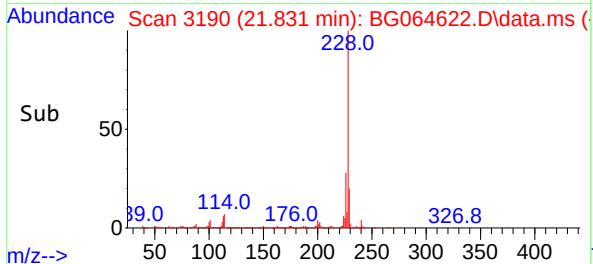
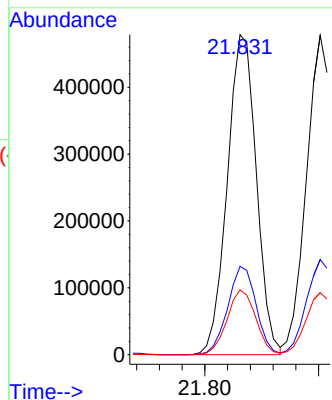
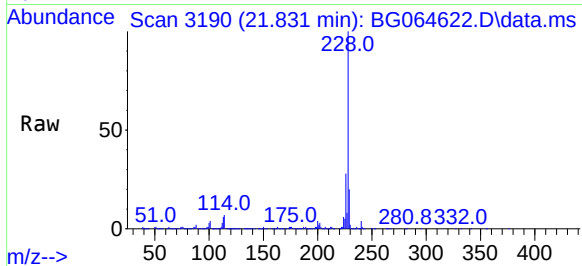




#81
Benzo(a)anthracene
Concen: 44.811 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

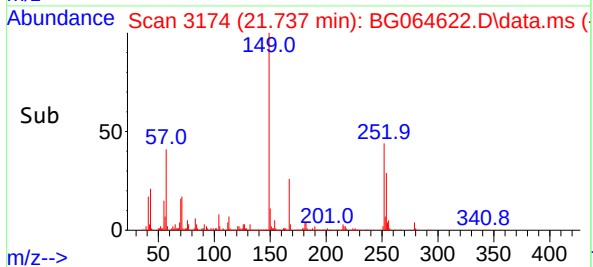
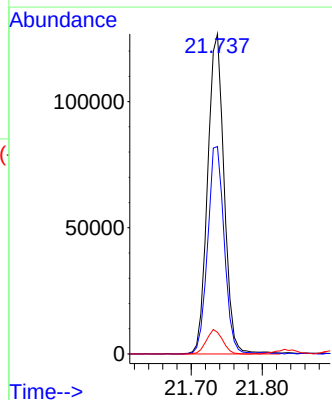
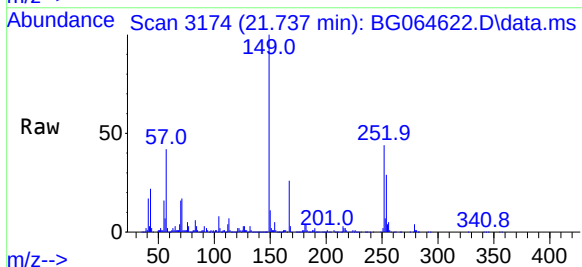
Instrument :
BNA_G
ClientSampleId :
PB170215BS

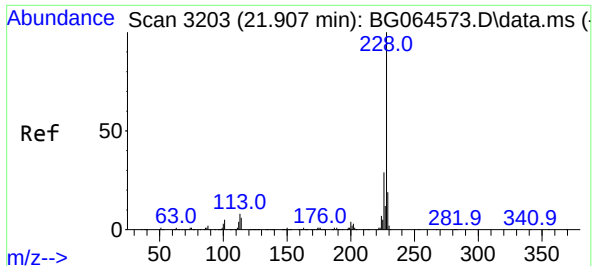
Tgt Ion:228 Resp: 850571
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 20.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 32.347 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 205029
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 6.8 5.8 8.6

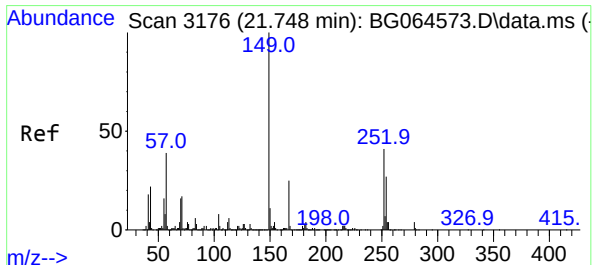
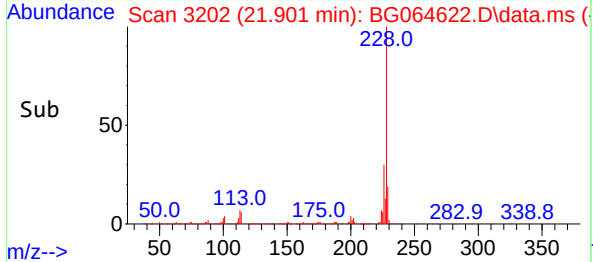
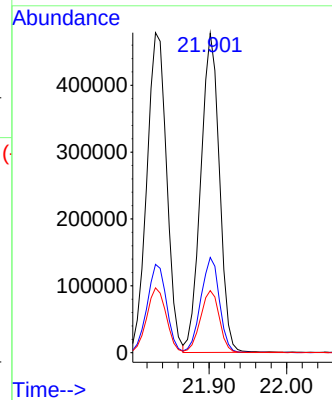
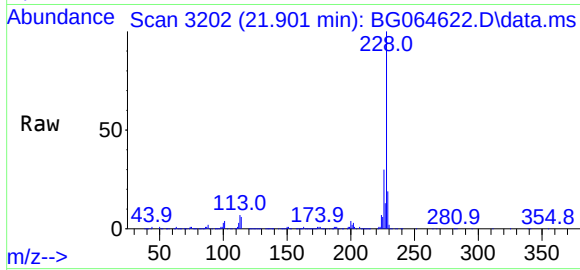




#83
Chrysene
Concen: 44.240 ng
RT: 21.901 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

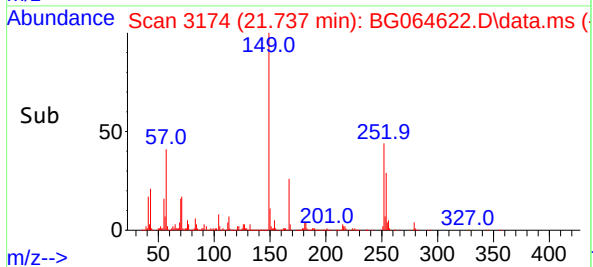
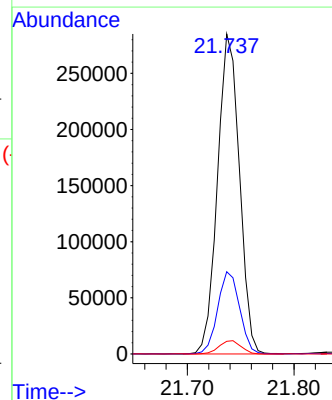
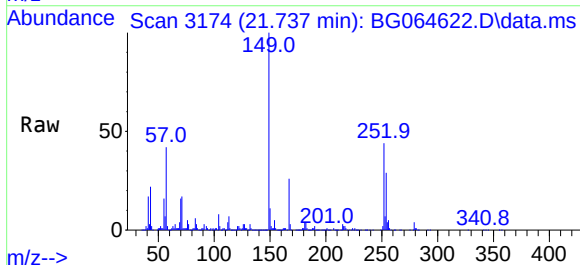
Instrument :
BNA_G
ClientSampleId :
PB170215BS

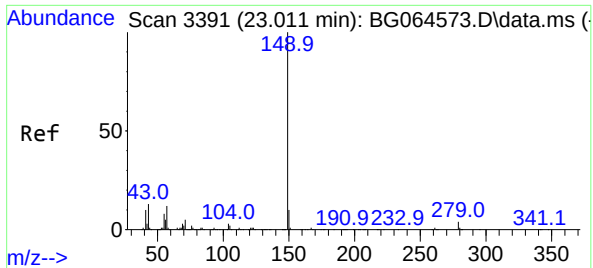
Tgt Ion:228 Resp: 799015
Ion Ratio Lower Upper
228 100
226 29.8 23.3 34.9
229 19.5 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.204 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.015 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 407169
Ion Ratio Lower Upper
149 100
167 25.7 20.0 30.0
279 4.0 3.1 4.7

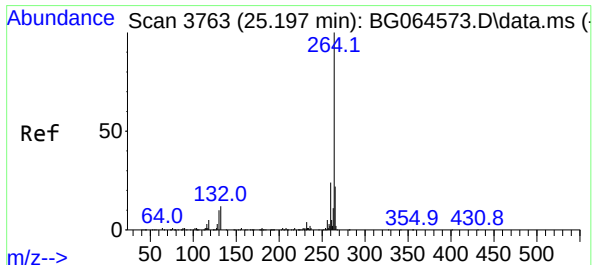
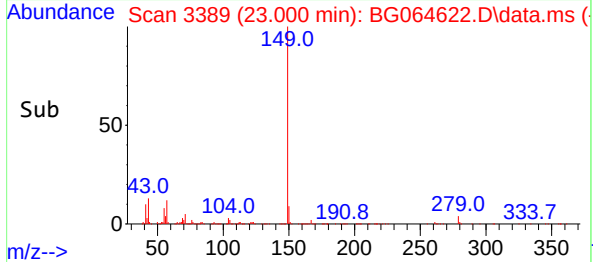
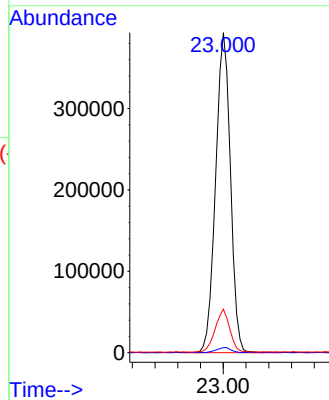
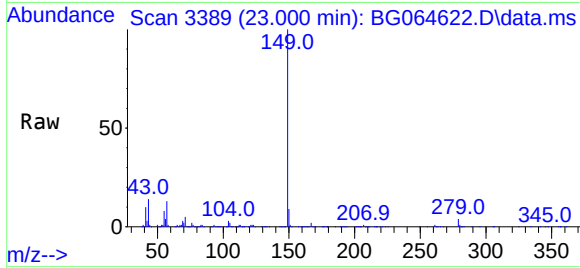




#85
Di-n-octyl phthalate
Concen: 49.802 ng
RT: 23.000 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

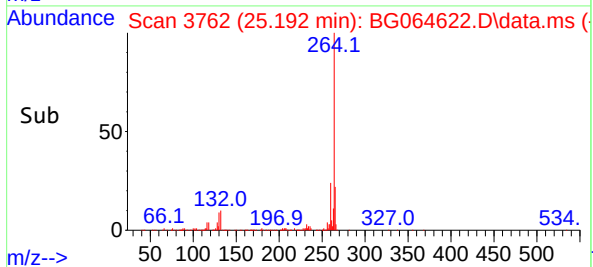
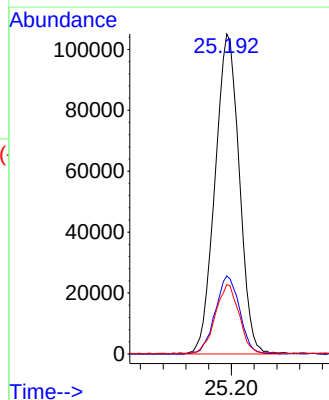
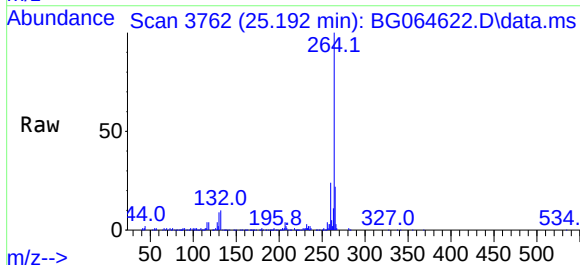
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:149 Resp: 709236
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.8 16.2

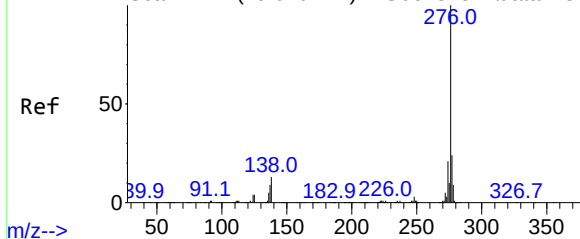


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3762
Delta R.T. -0.009 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:264 Resp: 311364
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.6 17.6 26.4



Abundance Scan 4417 (29.040 min): BG064573.D\data.ms (



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.114 ng

RT: 29.034 min Scan# 4417

Delta R.T. -0.027 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

Tgt Ion:276 Resp: 1033332

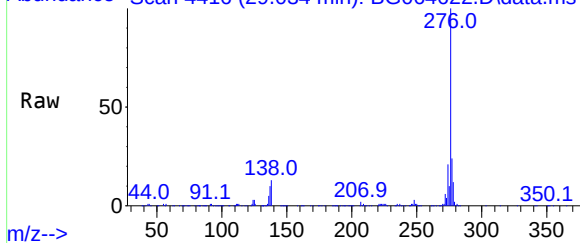
Ion Ratio Lower Upper

276 100

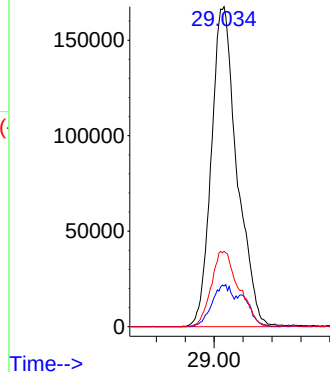
138 10.3 10.8 16.2#

277 25.3 20.1 30.1

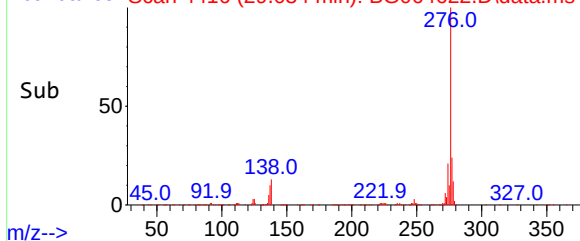
Abundance Scan 4416 (29.034 min): BG064622.D\data.ms



Abundance

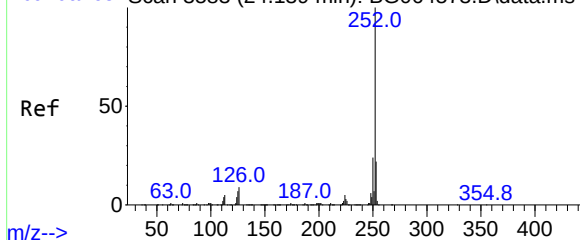


Abundance Scan 4416 (29.034 min): BG064622.D\data.ms (



Time-->

Abundance Scan 3583 (24.139 min): BG064573.D\data.ms (



#88

Benzo(b)fluoranthene

Concen: 45.715 ng

RT: 24.134 min Scan# 3582

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 872834

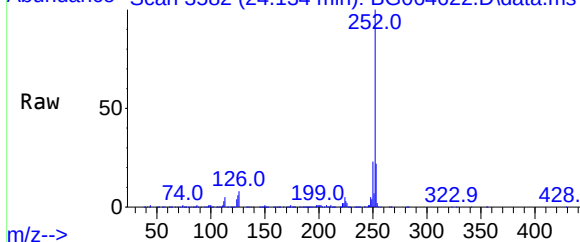
Ion Ratio Lower Upper

252 100

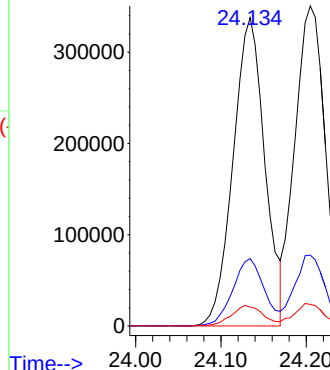
253 21.8 17.8 26.8

125 6.2 5.6 8.4

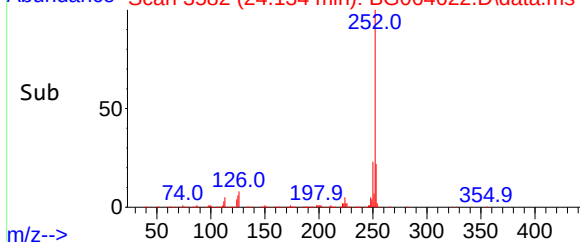
Abundance Scan 3582 (24.134 min): BG064622.D\data.ms



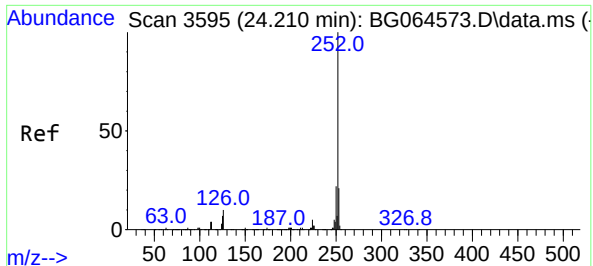
Abundance



Abundance Scan 3582 (24.134 min): BG064622.D\data.ms (



Time-->



#89

Benzo(k)fluoranthene

Concen: 45.401 ng

RT: 24.205 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA_G

ClientSampleId :

PB170215BS

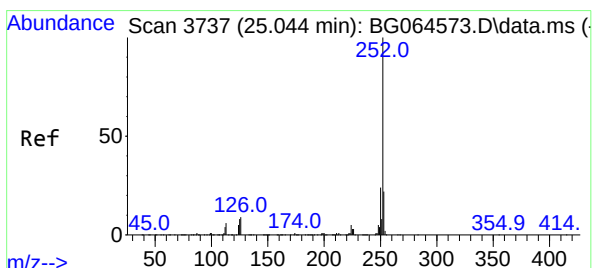
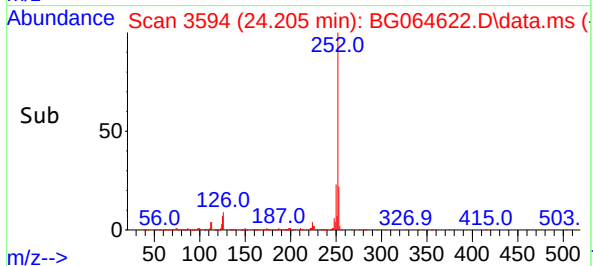
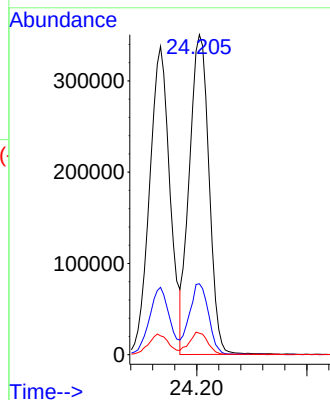
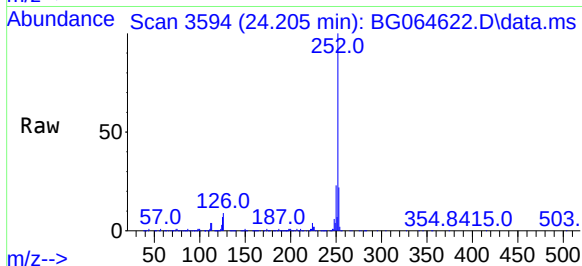
Tgt Ion:252 Resp: 867424

Ion Ratio Lower Upper

252 100

253 22.1 16.8 25.2

125 6.7 5.4 8.0



#90

Benzo(a)pyrene

Concen: 47.341 ng

RT: 25.039 min Scan# 3736

Delta R.T. -0.021 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

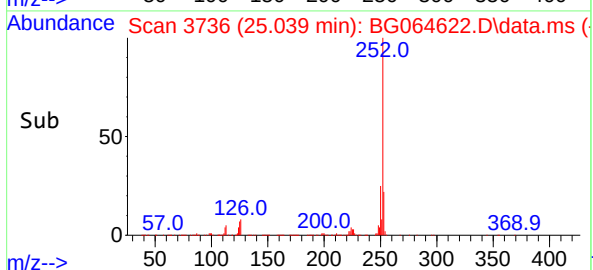
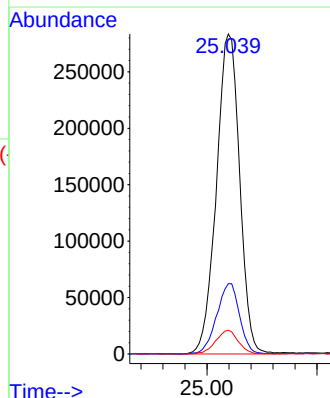
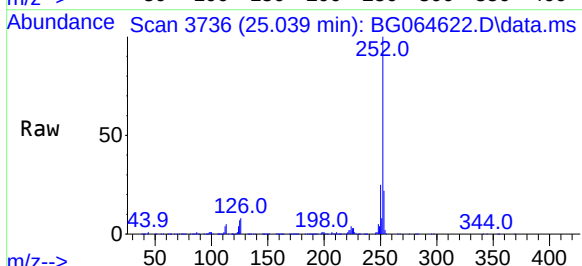
Tgt Ion:252 Resp: 830855

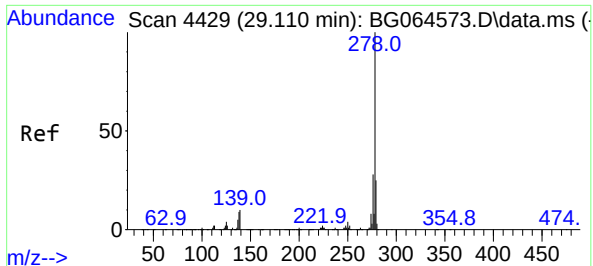
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.4 6.1 9.1

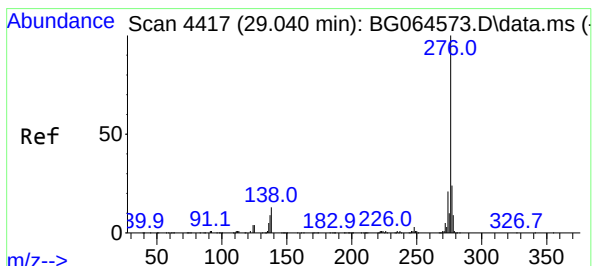
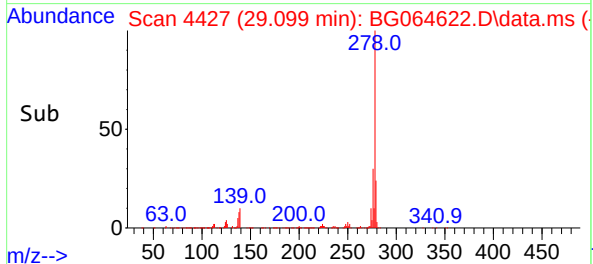
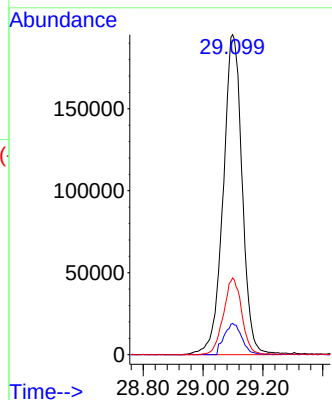
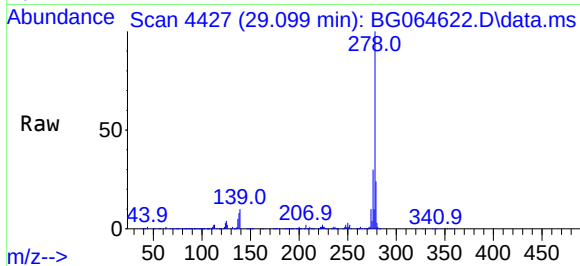




#91
Dibenzo(a,h)anthracene
Concen: 46.137 ng
RT: 29.099 min Scan# 4427
Delta R.T. -0.038 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

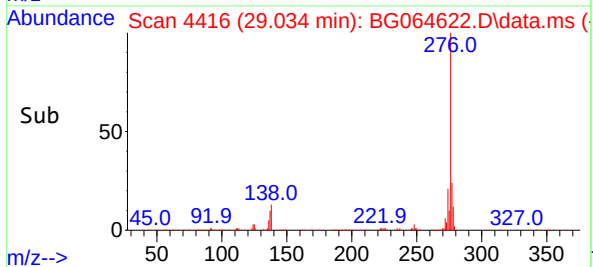
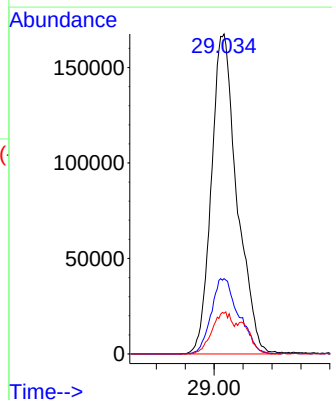
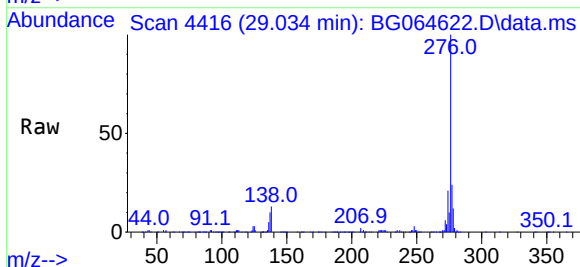
Instrument :
BNA_G
ClientSampleId :
PB170215BS

Tgt Ion:278 Resp: 858540
Ion Ratio Lower Upper
278 100
139 9.8 8.0 12.0
279 24.0 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 45.114 ng
RT: 29.034 min Scan# 4416
Delta R.T. -0.027 min
Lab File: BG064622.D
Acq: 29 Oct 2025 14:06

Tgt Ion:276 Resp: 1033332
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 12.7 10.7 16.1





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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR-132-S16-015094-20251021MS
Lab Sample ID: Q3419-02MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3422
Matrix: SOIL
% Solid: 54.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	290	610	ug/Kg	10/29/25 17:34	PB170215
108-95-2	Phenol	3000		1	40.6	310	ug/Kg	10/29/25 17:34	PB170215
111-44-4	bis(2-Chloroethyl)ether	2000		1	44.6	310	ug/Kg	10/29/25 17:34	PB170215
95-57-8	2-Chlorophenol	3200		1	44.8	310	ug/Kg	10/29/25 17:34	PB170215
95-48-7	2-Methylphenol	3000		1	54.9	310	ug/Kg	10/29/25 17:34	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2800		1	68.9	310	ug/Kg	10/29/25 17:34	PB170215
98-86-2	Acetophenone	3300		1	54.2	310	ug/Kg	10/29/25 17:34	PB170215
65794-96-9	3+4-Methylphenols	3000		1	75.5	610	ug/Kg	10/29/25 17:34	PB170215
621-64-7	n-Nitroso-di-n-propylamine	3000		1	87.0	150	ug/Kg	10/29/25 17:34	PB170215
67-72-1	Hexachloroethane	3200		1	32.3	310	ug/Kg	10/29/25 17:34	PB170215
98-95-3	Nitrobenzene	3400		1	33.6	310	ug/Kg	10/29/25 17:34	PB170215
78-59-1	Isophorone	3000		1	60.2	310	ug/Kg	10/29/25 17:34	PB170215
88-75-5	2-Nitrophenol	3800		1	110	310	ug/Kg	10/29/25 17:34	PB170215
105-67-9	2,4-Dimethylphenol	3500		1	120	310	ug/Kg	10/29/25 17:34	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2900		1	56.6	310	ug/Kg	10/29/25 17:34	PB170215
120-83-2	2,4-Dichlorophenol	3500		1	52.0	310	ug/Kg	10/29/25 17:34	PB170215
91-20-3	Naphthalene	3000		1	41.7	310	ug/Kg	10/29/25 17:34	PB170215
106-47-8	4-Chloroaniline	1300		1	65.0	310	ug/Kg	10/29/25 17:34	PB170215
87-68-3	Hexachlorobutadiene	3200		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
105-60-2	Caprolactam	3100		1	95.7	610	ug/Kg	10/29/25 17:34	PB170215
59-50-7	4-Chloro-3-methylphenol	3200		1	52.7	310	ug/Kg	10/29/25 17:34	PB170215
91-57-6	2-Methylnaphthalene	2800		1	47.0	310	ug/Kg	10/29/25 17:34	PB170215
77-47-4	Hexachlorocyclopentadiene	9500	E	1	210	610	ug/Kg	10/29/25 17:34	PB170215
88-06-2	2,4,6-Trichlorophenol	3600		1	36.4	310	ug/Kg	10/29/25 17:34	PB170215
95-95-4	2,4,5-Trichlorophenol	3400		1	53.4	310	ug/Kg	10/29/25 17:34	PB170215
92-52-4	1,1-Biphenyl	3400		1	40.0	310	ug/Kg	10/29/25 17:34	PB170215
91-58-7	2-Chloronaphthalene	3100		1	41.3	310	ug/Kg	10/29/25 17:34	PB170215
88-74-4	2-Nitroaniline	3400		1	88.3	310	ug/Kg	10/29/25 17:34	PB170215
131-11-3	Dimethylphthalate	3100		1	49.8	310	ug/Kg	10/29/25 17:34	PB170215
208-96-8	Acenaphthylene	3500		1	53.1	310	ug/Kg	10/29/25 17:34	PB170215
606-20-2	2,6-Dinitrotoluene	3700		1	61.7	310	ug/Kg	10/29/25 17:34	PB170215
99-09-2	3-Nitroaniline	2500		1	84.5	310	ug/Kg	10/29/25 17:34	PB170215
83-32-9	Acenaphthene	3500		1	39.1	310	ug/Kg	10/29/25 17:34	PB170215
51-28-5	2,4-Dinitrophenol	8100	E	1	420	610	ug/Kg	10/29/25 17:34	PB170215
100-02-7	4-Nitrophenol	7500	E	1	200	610	ug/Kg	10/29/25 17:34	PB170215
132-64-9	Dibenzofuran	3100		1	41.7	310	ug/Kg	10/29/25 17:34	PB170215
121-14-2	2,4-Dinitrotoluene	3600		1	92.0	310	ug/Kg	10/29/25 17:34	PB170215
84-66-2	Diethylphthalate	3100		1	52.0	310	ug/Kg	10/29/25 17:34	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3100		1	49.0	310	ug/Kg	10/29/25 17:34	PB170215
86-73-7	Fluorene	3100		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
100-01-6	4-Nitroaniline	3600		1	120	310	ug/Kg	10/29/25 17:34	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	4000		1	190	610	ug/Kg	10/29/25 17:34	PB170215

Report of Analysis

Client: AECOM
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
 Client Sample ID: PR-132-S16-015094-20251021MS
 Lab Sample ID: Q3419-02MS
 Analytical Method: 8270E Level : LOW
 Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
 Date Received: 10/21/25
 SDG No.: Q3422
 Matrix: SOIL
 % Solid: 54.4
 Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3100		1	60.4	310	ug/Kg	10/29/25 17:34	PB170215
101-55-3	4-Bromophenyl-phenylether	3200		1	51.1	310	ug/Kg	10/29/25 17:34	PB170215
118-74-1	Hexachlorobenzene	3200		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
1912-24-9	Atrazine	3400		1	62.4	310	ug/Kg	10/29/25 17:34	PB170215
87-86-5	Pentachlorophenol	7000	E	1	94.2	610	ug/Kg	10/29/25 17:34	PB170215
85-01-8	Phenanthrene	3100		1	38.4	310	ug/Kg	10/29/25 17:34	PB170215
120-12-7	Anthracene	3100		1	61.2	310	ug/Kg	10/29/25 17:34	PB170215
86-74-8	Carbazole	3100		1	57.3	310	ug/Kg	10/29/25 17:34	PB170215
84-74-2	Di-n-butylphthalate	3200		1	88.0	310	ug/Kg	10/29/25 17:34	PB170215
206-44-0	Fluoranthene	3100		1	55.1	310	ug/Kg	10/29/25 17:34	PB170215
129-00-0	Pyrene	2900		1	66.1	310	ug/Kg	10/29/25 17:34	PB170215
85-68-7	Butylbenzylphthalate	3500		1	130	310	ug/Kg	10/29/25 17:34	PB170215
91-94-1	3,3-Dichlorobenzidine	1700		1	67.4	610	ug/Kg	10/29/25 17:34	PB170215
56-55-3	Benzo(a)anthracene	3100		1	42.2	310	ug/Kg	10/29/25 17:34	PB170215
218-01-9	Chrysene	3100		1	36.5	310	ug/Kg	10/29/25 17:34	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3400		1	110	310	ug/Kg	10/29/25 17:34	PB170215
117-84-0	Di-n-octyl phthalate	3500		1	160	610	ug/Kg	10/29/25 17:34	PB170215
205-99-2	Benzo(b)fluoranthene	3100		1	34.9	310	ug/Kg	10/29/25 17:34	PB170215
207-08-9	Benzo(k)fluoranthene	3200		1	41.1	310	ug/Kg	10/29/25 17:34	PB170215
50-32-8	Benzo(a)pyrene	3200		1	54.2	310	ug/Kg	10/29/25 17:34	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	3100		1	53.4	310	ug/Kg	10/29/25 17:34	PB170215
53-70-3	Dibenzo(a,h)anthracene	3200		1	50.3	310	ug/Kg	10/29/25 17:34	PB170215
191-24-2	Benzo(g,h,i)perylene	3100		1	47.2	310	ug/Kg	10/29/25 17:34	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	3500		1	47.0	310	ug/Kg	10/29/25 17:34	PB170215
123-91-1	1,4-Dioxane	2500		1	83.0	310	ug/Kg	10/29/25 17:34	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	50.3	310	ug/Kg	10/29/25 17:34	PB170215

SURROGATES

367-12-4	2-Fluorophenol	95.5		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	99.7		15 - 107	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.9		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.3		20 - 109	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		10 - 116	82%	SPK: 150
1718-51-0	Terphenyl-d14	60.4		10 - 105	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	30500
1146-65-2	Naphthalene-d8	121000
15067-26-2	Acenaphthene-d10	93600
1517-22-2	Phenanthrene-d10	230000
1719-03-5	Chrysene-d12	272000
1520-96-3	Perylene-d12	297000



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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MS	SDG No.:	Q3422
Lab Sample ID:	Q3419-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	54.4
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064627.D
 Acq On : 29 Oct 2025 17:34
 Operator : RC/JU
 Sample : Q3419-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021MS

Quant Time: Oct 30 04:56:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	30488	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	121320	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	93614	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	229619	20.000	ng	0.00
76) Chrysene-d12	21.853	240	271892	20.000	ng	#-0.01
86) Perylene-d12	25.191	264	296767	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	173396	95.462	ng	0.00
7) Phenol-d6	7.353	99	248444	99.678	ng	0.00
23) Nitrobenzene-d5	9.380	82	155421	76.945	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	166810	123.459	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	372604	60.330	ng	-0.01
79) Terphenyl-d14	20.167	244	870859	60.445	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	32986	41.019	ng	99
3) Pyridine	3.992	79	91699	37.972	ng	98
4) n-Nitrosodimethylamine	3.898	42	64506	49.810	ng	98
6) Aniline	7.529	93	110647	32.624	ng	97
8) 2-Chlorophenol	7.776	128	100885	53.064	ng	94
9) Benzaldehyde	7.335	77	47095	34.610	ng	96
10) Phenol	7.382	94	133081	48.280	ng	96
11) bis(2-Chloroethyl)ether	7.529	93	110647	32.624	ng	99
12) 1,3-Dichlorobenzene	8.111	146	106607	48.719	ng	100
13) 1,4-Dichlorobenzene	8.257	146	108820	48.909	ng	96
14) 1,2-Dichlorobenzene	8.575	146	107105	49.907	ng	97
15) Benzyl Alcohol	8.445	79	100831	49.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	245238	46.132	ng	99
17) 2-Methylphenol	8.445	107	50376	49.034	ng	91
18) Hexachloroethane	9.321	117	40540	51.921	ng	97
19) n-Nitroso-di-n-propyla...	9.021	70	83332	48.377	ng	98
20) 3+4-Methylphenols	8.974	107	125652	48.821	ng	98
22) Acetophenone	9.039	105	180237	54.347	ng	95
24) Nitrobenzene	9.421	77	121561	55.332	ng	95
25) Isophorone	9.955	82	240580	49.637	ng	98
26) 2-Nitrophenol	10.138	139	54118	62.810	ng	93
27) 2,4-Dimethylphenol	10.196	122	103937	56.519	ng	88
28) bis(2-Chloroethoxy)met...	10.431	93	132986	48.190	ng	97
29) 2,4-Dichlorophenol	10.678	162	109647	56.512	ng	99
30) 1,2,4-Trichlorobenzene	10.901	180	120137	54.496	ng	96
31) Naphthalene	11.095	128	328094	48.777	ng	100
32) Benzoic acid	10.320	122	89978	65.009	ng	90
33) 4-Chloroaniline	11.183	127	56519	21.618	ng	98
34) Hexachlorobutadiene	11.383	225	89758	52.062	ng	93
35) Caprolactam	11.947	113	37507m	50.401	ng	
36) 4-Chloro-3-methylphenol	12.288	107	122640	52.585	ng	96
37) 2-Methylnaphthalene	12.688	142	224108	45.380	ng	100
38) 1-Methylnaphthalene	12.905	142	231684	47.679	ng	95
40) 1,2,4,5-Tetrachloroben...	13.046	216	181893	57.895	ng	99
41) Hexachlorocyclopentadiene	13.034	237	218323	154.388	ng	99
43) 2,4,6-Trichlorophenol	13.275	196	105398	58.649	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064627.D
 Acq On : 29 Oct 2025 17:34
 Operator : RC/JU
 Sample : Q3419-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021MS

Quant Time: Oct 30 04:56:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

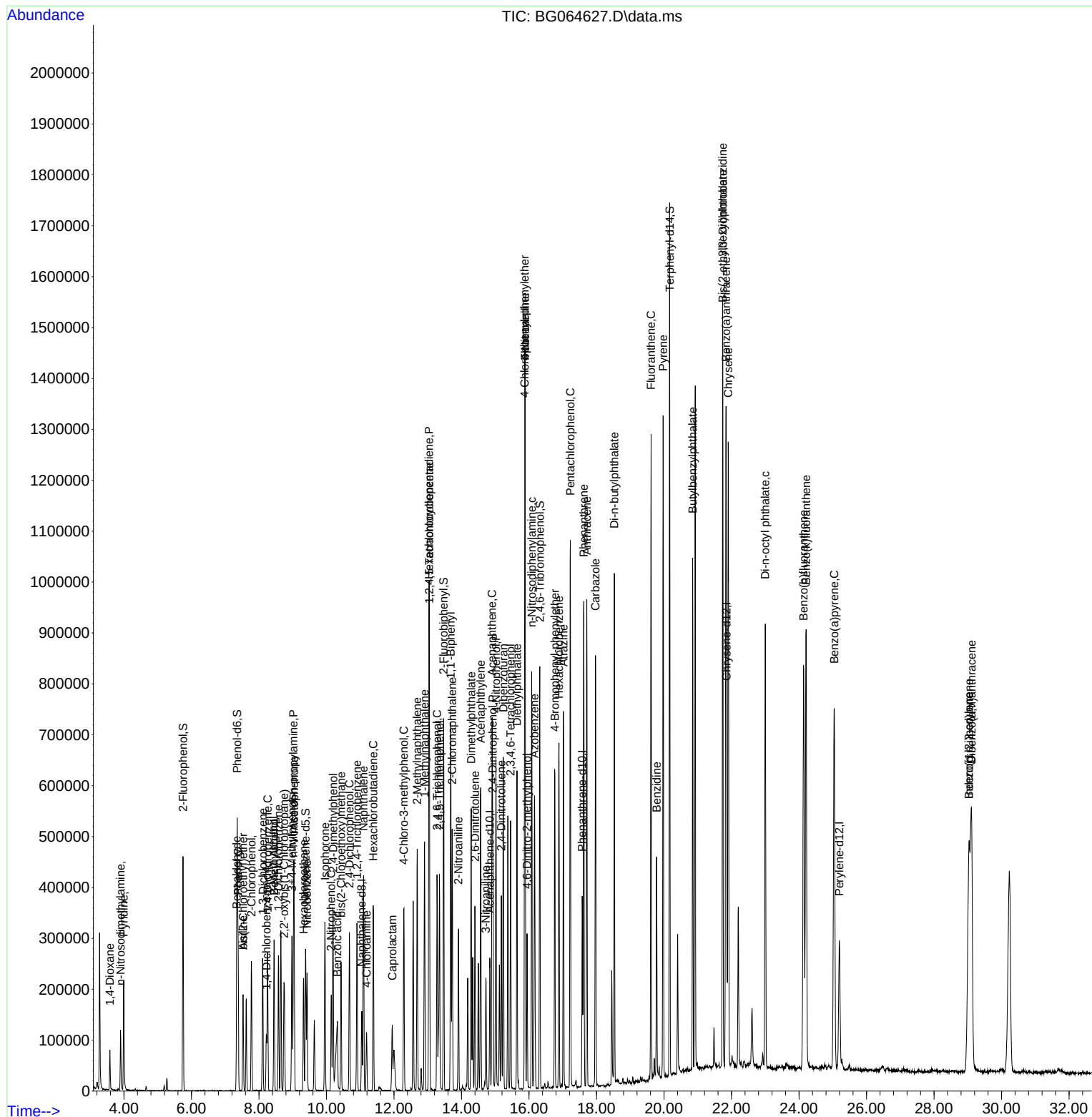
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	114236	55.084	ng	99
46) 1,1'-Biphenyl	13.680	154	374605	56.287	ng	98
47) 2-Chloronaphthalene	13.722	162	251555	50.074	ng	98
48) 2-Nitroaniline	13.910	65	95513	56.055	ng	95
49) Acenaphthylene	14.568	152	452550	57.112	ng	99
50) Dimethylphthalate	14.286	163	362240	50.569	ng	98
51) 2,6-Dinitrotoluene	14.397	165	72717	60.623	ng	97
52) Acenaphthene	14.903	154	312776	57.775	ng	99
53) 3-Nitroaniline	14.720	138	50027	40.637	ng	98
54) 2,4-Dinitrophenol	14.926	184	99300	132.948	ng	# 46
55) Dibenzofuran	15.237	168	444561	50.793	ng	100
56) 4-Nitrophenol	15.020	139	139148	121.914	ng	90
57) 2,4-Dinitrotoluene	15.179	165	108193	58.491	ng	99
58) Fluorene	15.884	166	345737	50.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.455	232	122956	62.001	ng	99
60) Diethylphthalate	15.643	149	365971	50.036	ng	98
61) 4-Chlorophenyl-phenyle...	15.872	204	195464	50.956	ng	99
62) 4-Nitroaniline	15.884	138	81463	59.481	ng	93
63) Azobenzene	16.160	77	358981	53.492	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	67553	64.726	ng	94
66) n-Nitrosodiphenylamine	16.078	169	317977	51.265	ng	98
67) 4-Bromophenyl-phenylether	16.765	248	141564	52.025	ng	96
68) Hexachlorobenzene	16.888	284	160884	51.826	ng	96
69) Atrazine	17.018	200	146978	55.064	ng	99
70) Pentachlorophenol	17.223	266	220117	113.709	ng	96
71) Phenanthrene	17.623	178	634368	50.519	ng	99
72) Anthracene	17.711	178	639545	50.069	ng	100
73) Carbazole	17.970	167	577061	51.232	ng	99
74) Di-n-butylphthalate	18.528	149	670737	51.496	ng	98
75) Fluoranthene	19.615	202	802773	51.033	ng	98
77) Benzidine	19.779	184	255069	41.873	ng	98
78) Pyrene	19.973	202	842015	47.400	ng	99
80) Butylbenzylphthalate	20.849	149	309969	57.734	ng	99
81) Benzo(a)anthracene	21.836	228	915343	50.774	ng	99
82) 3,3'-Dichlorobenzidine	21.736	252	166879	27.720	ng	96
83) Chrysene	21.900	228	868130	50.608	ng	98
84) Bis(2-ethylhexyl)phtha...	21.742	149	450725	56.183	ng	98
85) Di-n-octyl phthalate	22.999	149	774721	57.277	ng	99
87) Indeno(1,2,3-cd)pyrene	29.033	276	1117747	51.200	ng	# 97
88) Benzo(b)fluoranthene	24.133	252	914206	50.237	ng	99
89) Benzo(k)fluoranthene	24.209	252	937496	51.482	ng	97
90) Benzo(a)pyrene	25.044	252	883679	52.828	ng	100
91) Dibenzo(a,h)anthracene	29.109	278	916893	51.696	ng	98
92) Benzo(g,h,i)perylene	29.033	276	1117747	51.200	ng	98

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

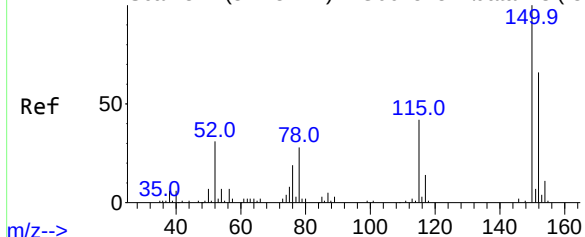
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064627.D
Acq On : 29 Oct 2025 17:34
Operator : RC/JU
Sample : Q3419-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Quant Time: Oct 30 04:56:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

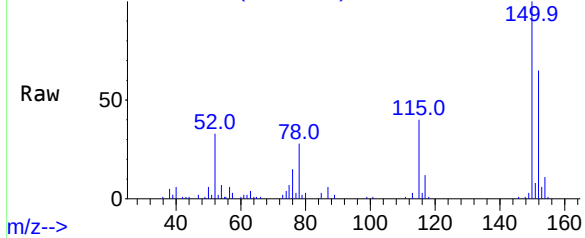


Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86)



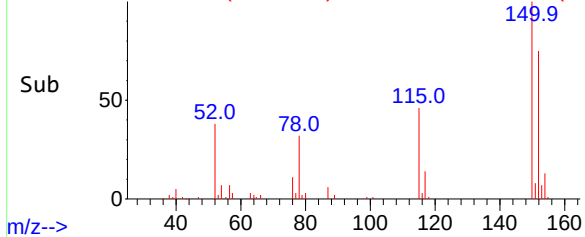
m/z-->

Abundance Scan 873 (8.216 min): BG064627.D\data.ms



m/z-->

Abundance Scan 873 (8.216 min): BG064627.D\data.ms (-85)



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.216 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:152 Resp: 30488

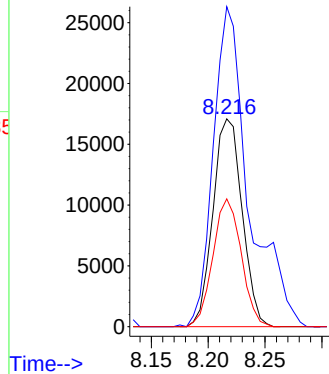
Ion Ratio Lower Upper

152 100

150 153.9 122.2 183.4

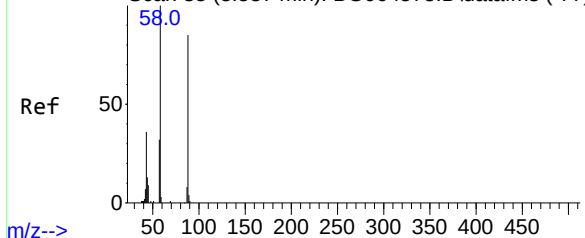
115 61.5 50.8 76.2

Abundance



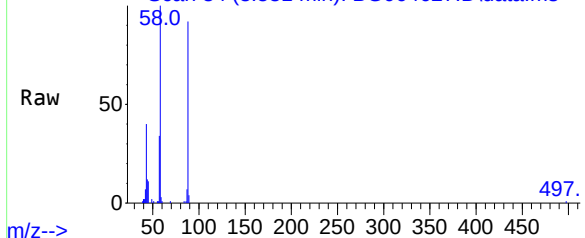
Time-->

Abundance Scan 85 (3.587 min): BG064573.D\data.ms (-77)



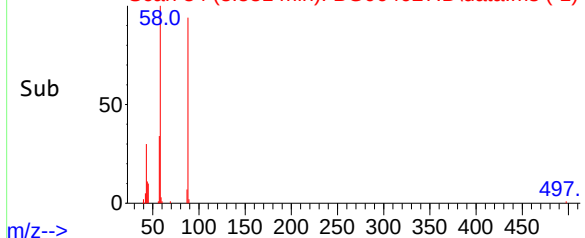
m/z-->

Abundance Scan 84 (3.581 min): BG064627.D\data.ms



m/z-->

Abundance Scan 84 (3.581 min): BG064627.D\data.ms (-1)



m/z-->

#2

1,4-Dioxane

Concen: 41.019 ng

RT: 3.581 min Scan# 84

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion: 88 Resp: 32986

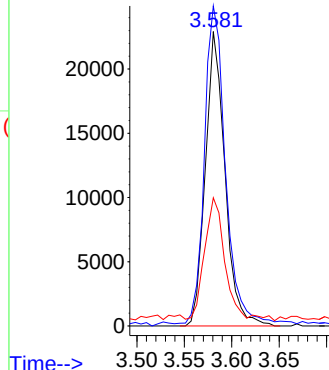
Ion Ratio Lower Upper

88 100

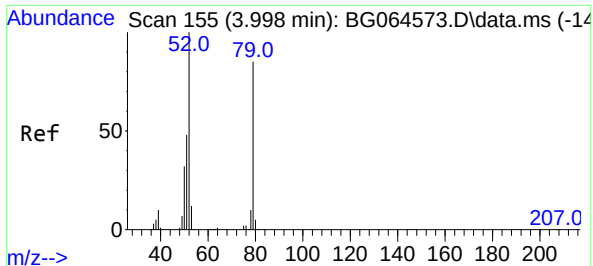
58 115.1 92.4 138.6

43 44.0 33.0 49.6

Abundance



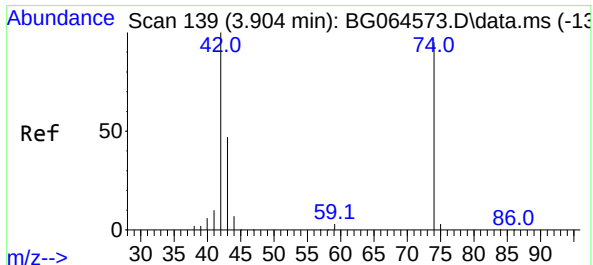
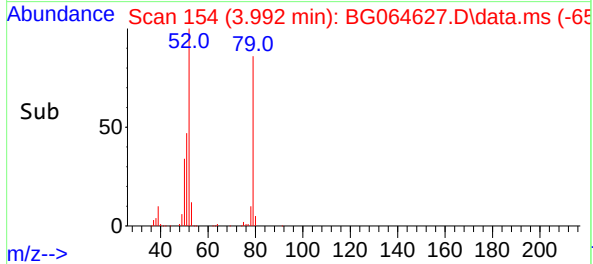
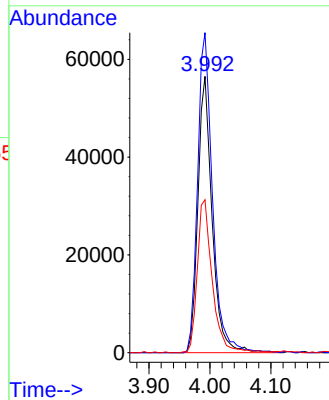
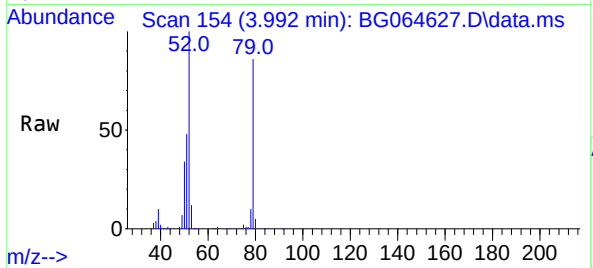
Time-->



#3
Pyridine
Concen: 37.972 ng
RT: 3.992 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

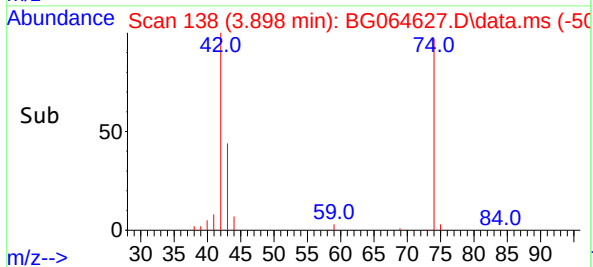
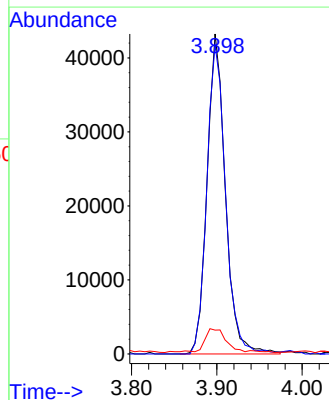
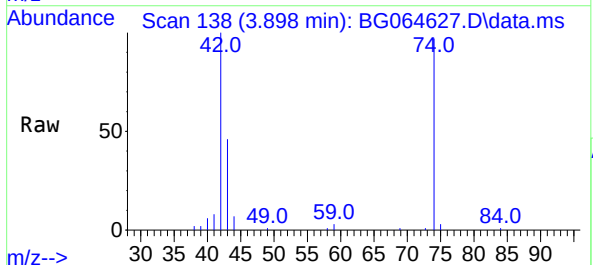
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion: 79 Resp: 91699
Ion Ratio Lower Upper
79 100
52 115.8 94.2 141.2
51 55.3 46.1 69.1

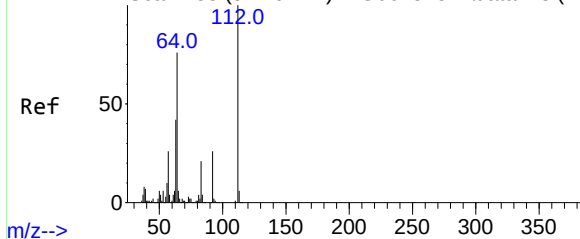


#4
n-Nitrosodimethylamine
Concen: 49.810 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion: 42 Resp: 64506
Ion Ratio Lower Upper
42 100
74 96.6 76.1 114.1
44 7.4 6.3 9.5



Abundance Scan 453 (5.749 min): BG064573.D\data.ms (-44



#5

2-Fluorophenol

Concen: 95.462 ng

RT: 5.749 min Scan# 453

Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:112 Resp: 173396

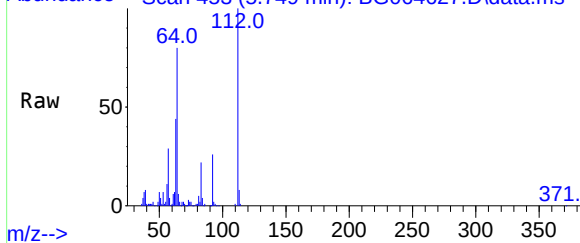
Ion Ratio Lower Upper

112 100

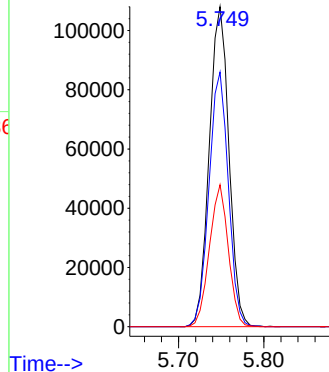
64 79.6 60.7 91.1

63 44.4 33.4 50.0

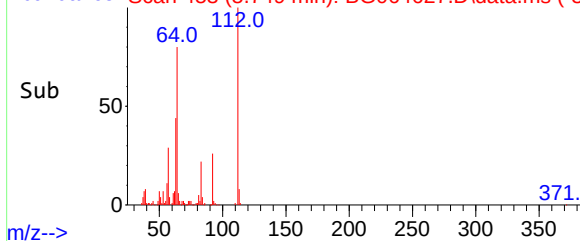
Abundance Scan 453 (5.749 min): BG064627.D\data.ms



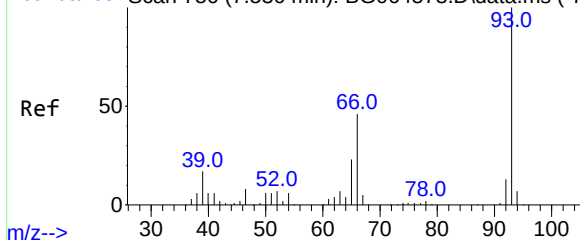
Abundance



Abundance Scan 453 (5.749 min): BG064627.D\data.ms (-36



Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74



#6

Aniline

Concen: 32.624 ng

RT: 7.529 min Scan# 756

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion: 93 Resp: 110647

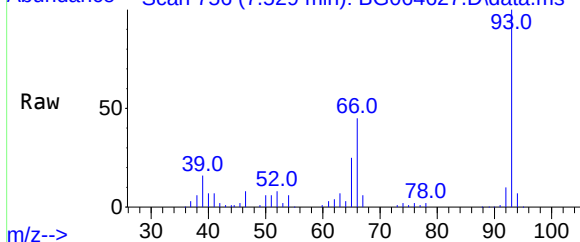
Ion Ratio Lower Upper

93 100

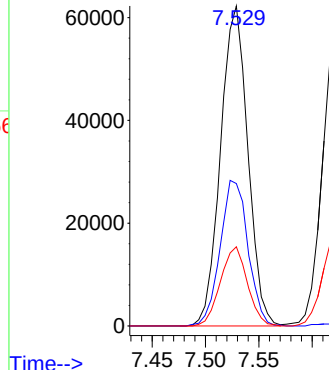
66 44.5 37.0 55.6

65 24.7 18.3 27.5

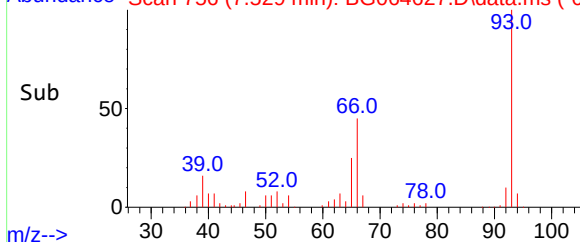
Abundance Scan 756 (7.529 min): BG064627.D\data.ms



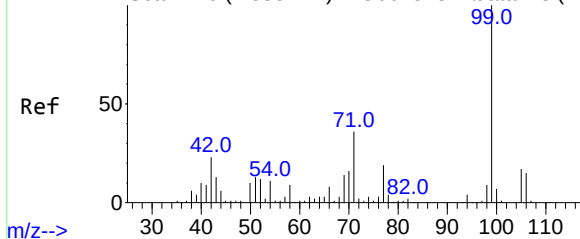
Abundance



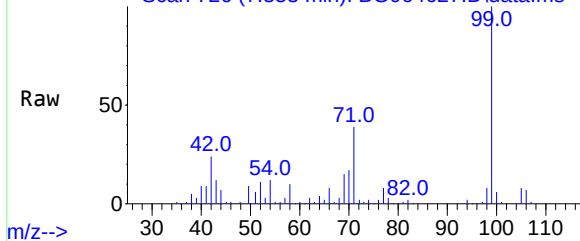
Abundance Scan 756 (7.529 min): BG064627.D\data.ms (-66



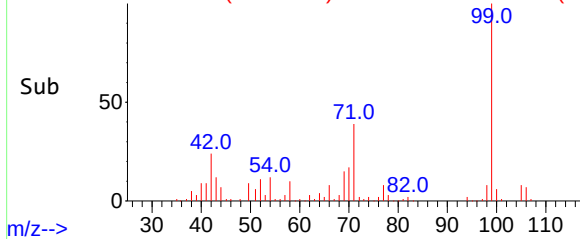
Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



m/z--> Abundance Scan 726 (7.353 min): BG064627.D\data.ms



m/z--> Abundance Scan 726 (7.353 min): BG064627.D\data.ms (-63



m/z--> Abundance Scan 726 (7.353 min): BG064627.D\data.ms (-63

#7

Phenol-d6

Concen: 99.678 ng

RT: 7.353 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

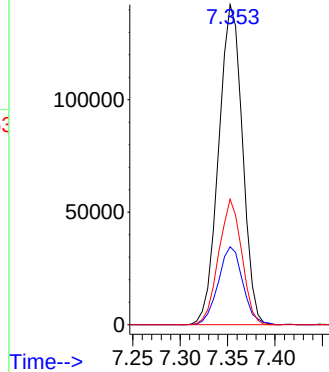
ClientSampleId :

PR-132-S16-015094-20251021MS

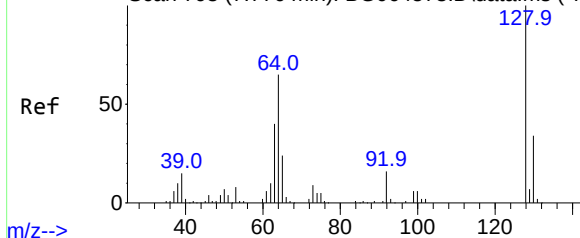
Tgt Ion: 99 Resp: 248444

Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	39.2	28.6	43.0

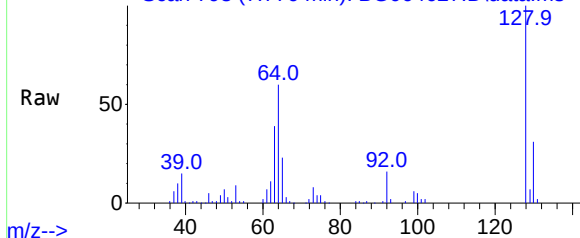
Abundance



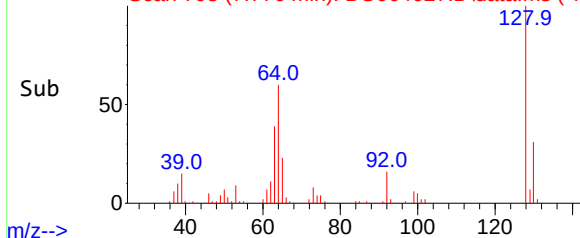
Abundance Scan 798 (7.776 min): BG064573.D\data.ms (-79



m/z--> Abundance Scan 798 (7.776 min): BG064627.D\data.ms



m/z--> Abundance Scan 798 (7.776 min): BG064627.D\data.ms (-70



m/z--> Abundance Scan 798 (7.776 min): BG064627.D\data.ms (-70

#8

2-Chlorophenol

Concen: 53.064 ng

RT: 7.776 min Scan# 798

Delta R.T. -0.004 min

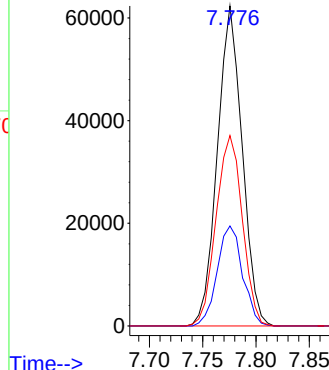
Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

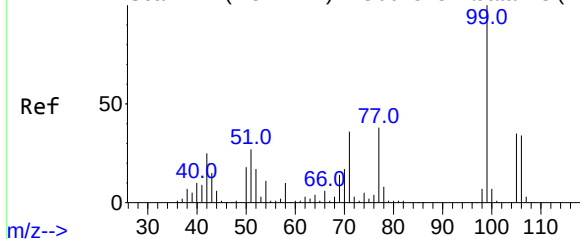
Tgt Ion: 128 Resp: 100885

Ion	Ratio	Lower	Upper
128	100		
130	31.3	13.5	53.5
64	59.5	45.2	85.2

Abundance



Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



#9

Benzaldehyde

Concen: 34.610 ng

RT: 7.335 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

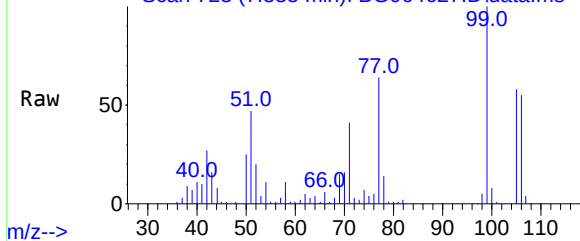
Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Abundance Scan 723 (7.335 min): BG064627.D\data.ms



Tgt Ion: 77 Resp: 47095

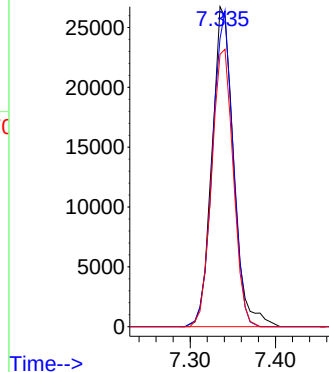
Ion Ratio Lower Upper

77 100

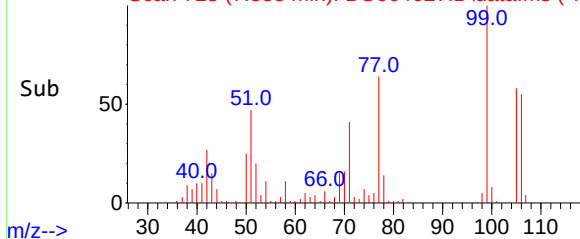
105 90.0 72.9 112.9

106 85.1 70.8 110.8

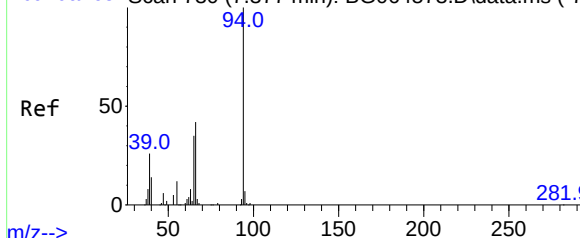
Abundance



Abundance Scan 723 (7.335 min): BG064627.D\data.ms (-70



Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



#10

Phenol

Concen: 48.280 ng

RT: 7.382 min Scan# 731

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion: 94 Resp: 133081

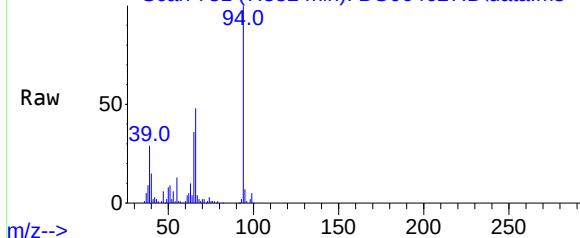
Ion Ratio Lower Upper

94 100

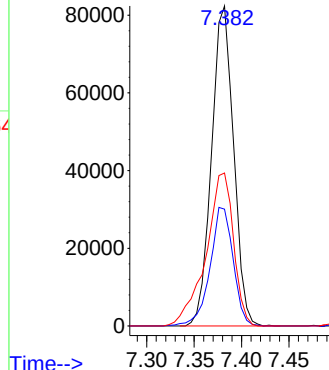
65 36.5 15.8 55.8

66 47.8 24.0 64.0

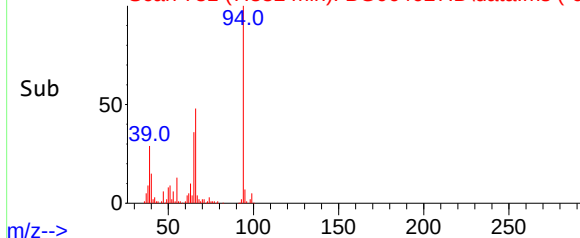
Abundance Scan 731 (7.382 min): BG064627.D\data.ms



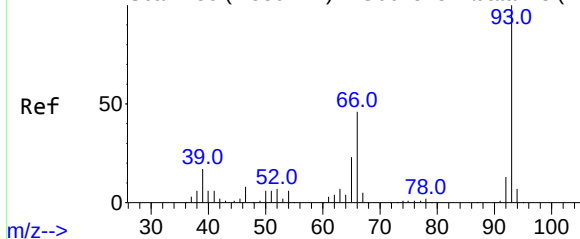
Abundance



Abundance Scan 731 (7.382 min): BG064627.D\data.ms (-64



Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74

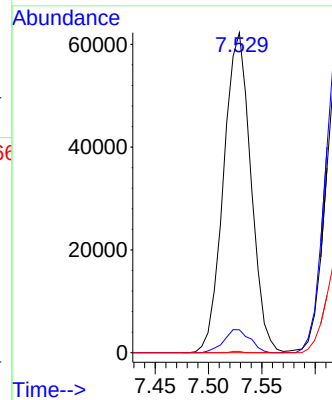
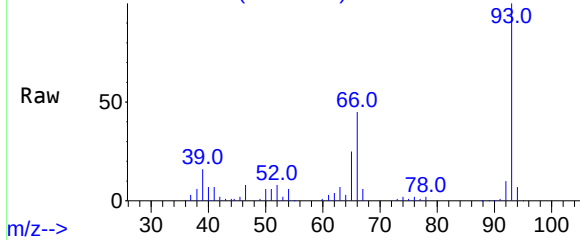


#11
bis(2-Chloroethyl)ether
Concen: 32.624 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

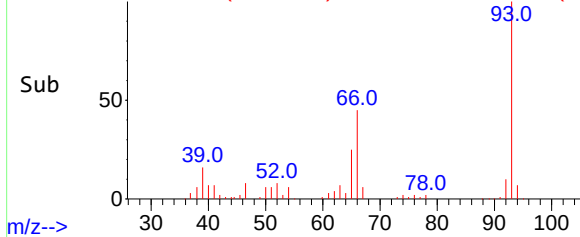
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion: 93	Resp: 110647
Ion Ratio	Lower Upper
93	100
63	7.2 0.0 27.4
95	0.4 0.0 20.2

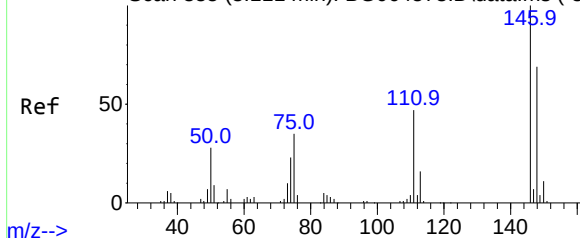
Abundance Scan 756 (7.529 min): BG064627.D\data.ms



Abundance Scan 756 (7.529 min): BG064627.D\data.ms (-66



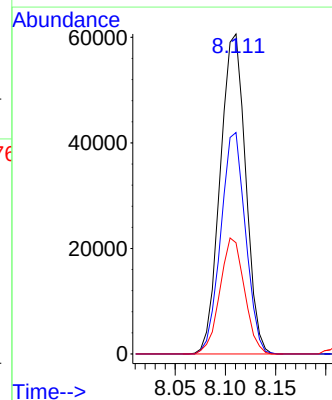
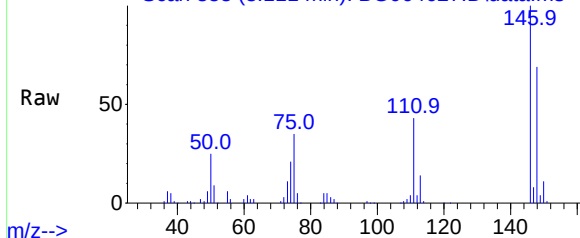
Abundance Scan 855 (8.111 min): BG064573.D\data.ms (-84



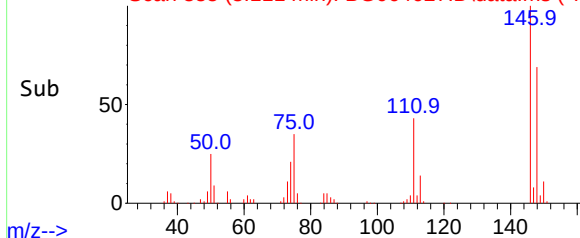
#12
1,3-Dichlorobenzene
Concen: 48.719 ng
RT: 8.111 min Scan# 855
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion: 146	Resp: 106607
Ion Ratio	Lower Upper
146	100
148	69.2 55.3 82.9
75	34.8 28.2 42.2

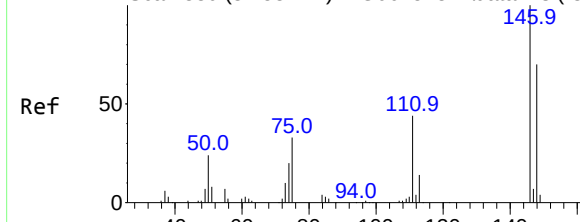
Abundance Scan 855 (8.111 min): BG064627.D\data.ms



Abundance Scan 855 (8.111 min): BG064627.D\data.ms (-76

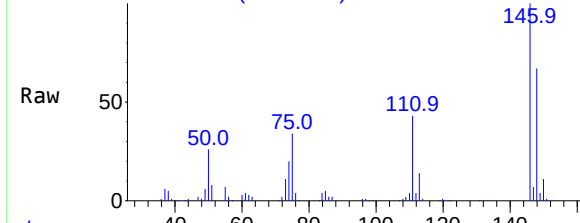


Abundance Scan 880 (8.258 min): BG064573.D\data.ms (-87



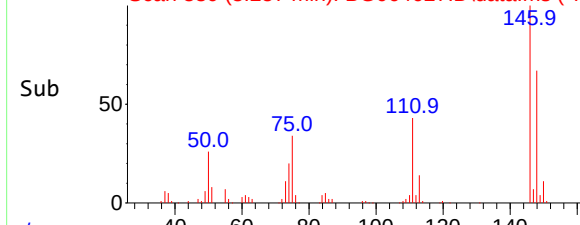
m/z-->

Abundance Scan 880 (8.257 min): BG064627.D\data.ms



m/z-->

Abundance Scan 880 (8.257 min): BG064627.D\data.ms (-79



m/z-->

#13

1,4-Dichlorobenzene

Concen: 48.909 ng

RT: 8.257 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

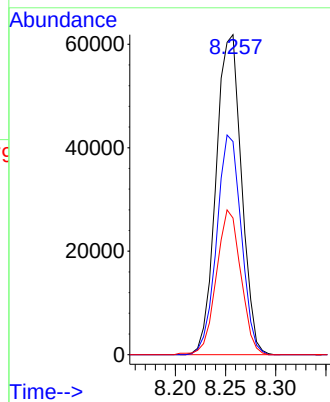
Tgt Ion:146 Resp: 108820

Ion Ratio Lower Upper

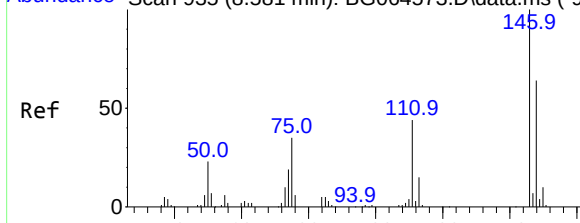
146 100

148 66.6 56.2 84.4

111 42.7 35.4 53.0



Abundance Scan 935 (8.581 min): BG064573.D\data.ms (-92



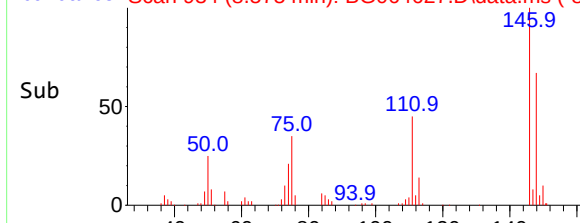
m/z-->

Abundance Scan 934 (8.575 min): BG064627.D\data.ms



m/z-->

Abundance Scan 934 (8.575 min): BG064627.D\data.ms (-84



m/z-->

#14

1,2-Dichlorobenzene

Concen: 49.907 ng

RT: 8.575 min Scan# 934

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

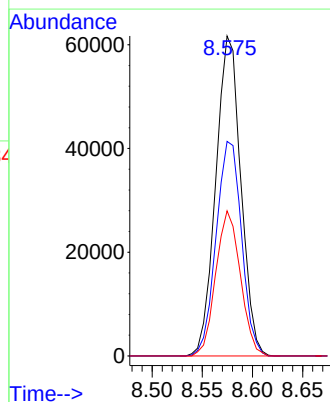
Tgt Ion:146 Resp: 107105

Ion Ratio Lower Upper

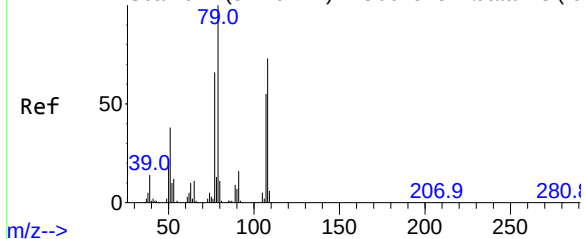
146 100

148 67.1 51.5 77.3

111 45.3 35.0 52.6

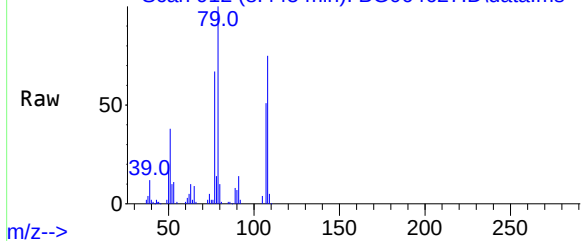


Abundance Scan 912 (8.446 min): BG064573.D\data.ms (-90



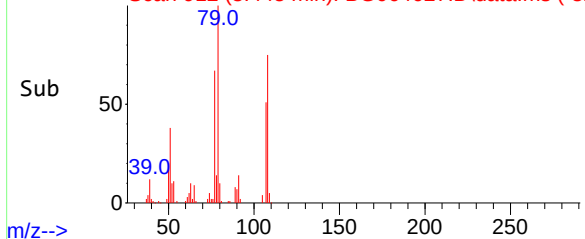
m/z-->

Abundance Scan 912 (8.445 min): BG064627.D\data.ms



m/z-->

Abundance Scan 912 (8.445 min): BG064627.D\data.ms (-82



m/z-->

#15

Benzyl Alcohol

Concen: 49.058 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 79 Resp: 100831

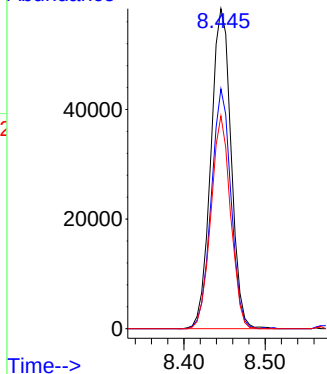
Ion Ratio Lower Upper

79 100

108 75.0 58.1 87.1

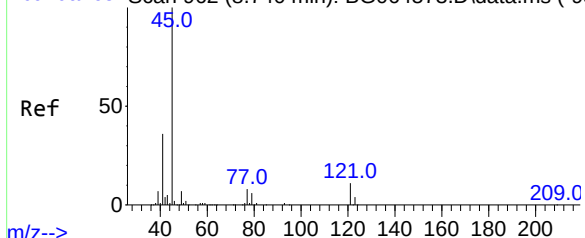
77 66.5 52.8 79.2

Abundance



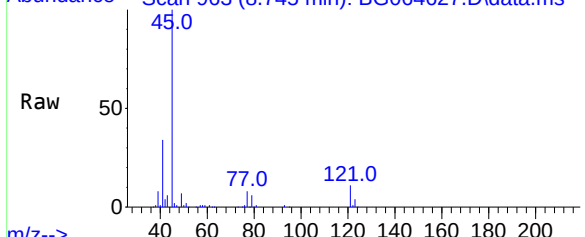
Time-->

Abundance Scan 962 (8.740 min): BG064573.D\data.ms (-95



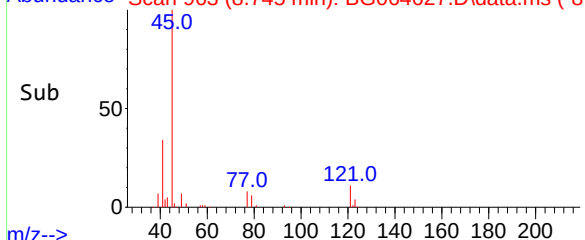
m/z-->

Abundance Scan 963 (8.745 min): BG064627.D\data.ms



m/z-->

Abundance Scan 963 (8.745 min): BG064627.D\data.ms (-87



m/z-->

#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.132 ng

RT: 8.745 min Scan# 963

Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion: 45 Resp: 245238

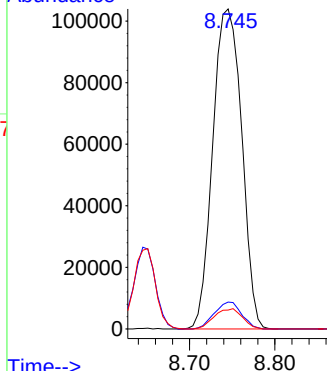
Ion Ratio Lower Upper

45 100

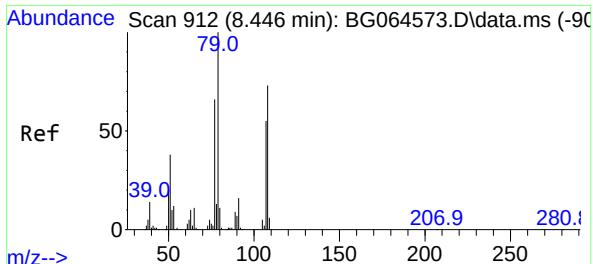
77 8.4 0.0 28.5

79 5.9 0.0 25.6

Abundance



Time-->



#17

2-Methylphenol

Concen: 49.034 ng

RT: 8.445 min Scan# 912

Delta R.T. -0.004 min

Lab File: BG064627.D

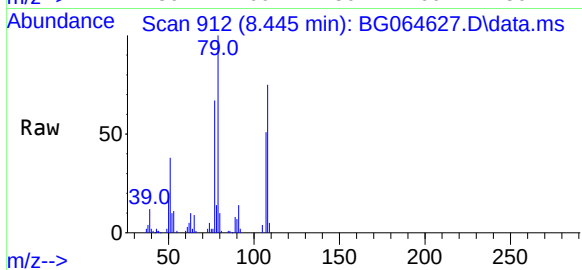
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:107 Resp: 50376

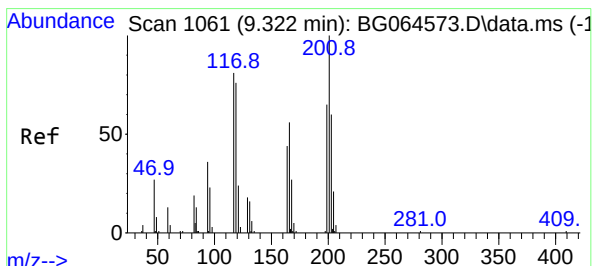
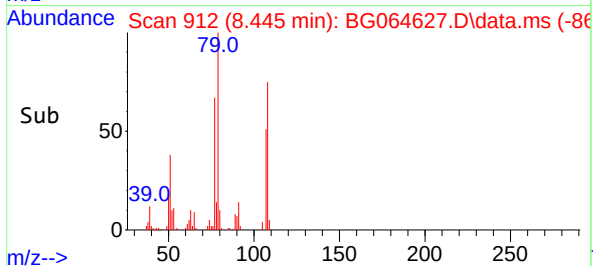
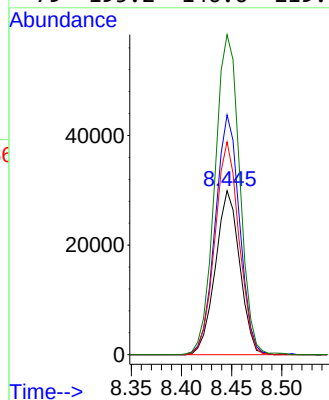
Ion Ratio Lower Upper

107 100

108 146.3 106.4 159.6

77 129.8 96.7 145.1

79 195.2 146.6 219.8



#18

Hexachloroethane

Concen: 51.921 ng

RT: 9.321 min Scan# 1061

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

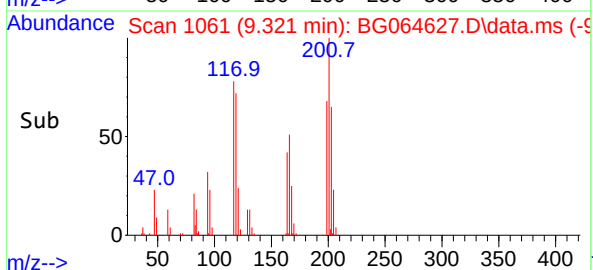
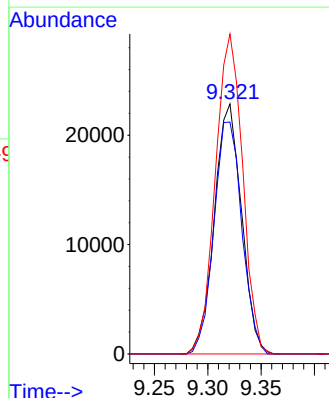
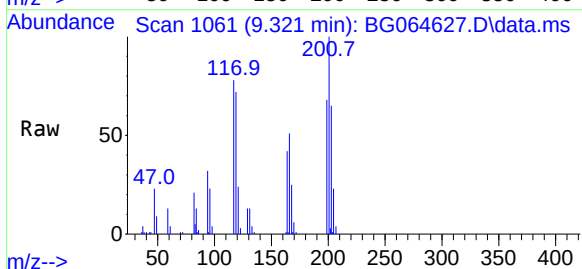
Tgt Ion:117 Resp: 40540

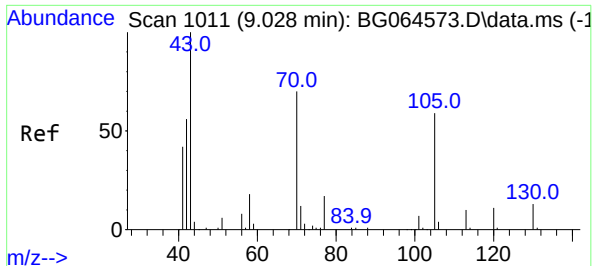
Ion Ratio Lower Upper

117 100

119 92.7 75.4 113.2

201 128.0 99.2 148.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.377 ng

RT: 9.021 min Scan# 1011

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 70 Resp: 83332

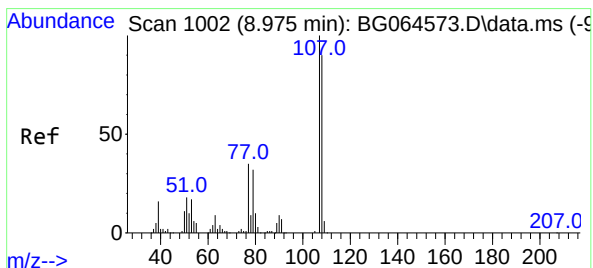
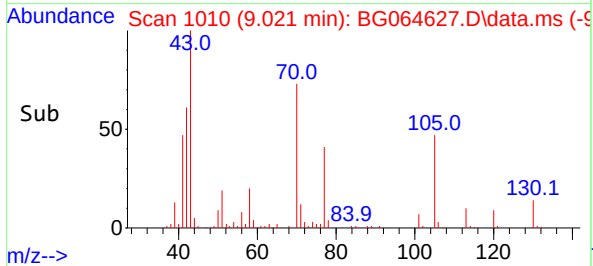
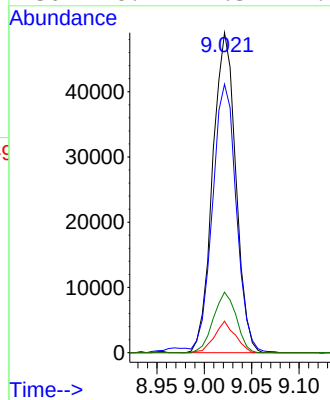
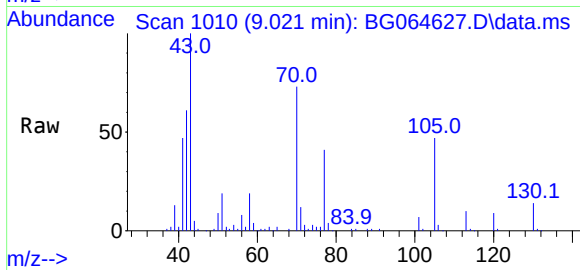
Ion Ratio Lower Upper

70 100

42 83.9 65.2 97.8

101 9.9 7.9 11.9

130 18.9 14.3 21.5



#20

3+4-Methylphenols

Concen: 48.821 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:107 Resp: 125652

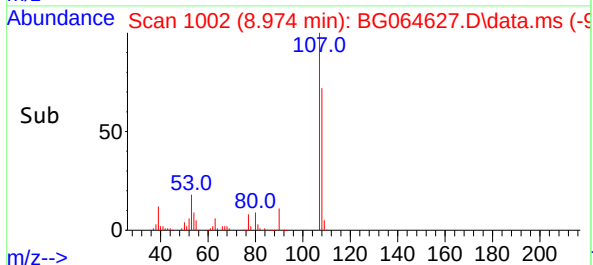
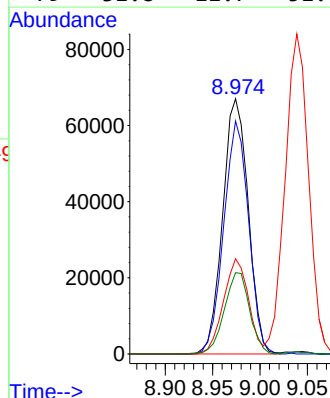
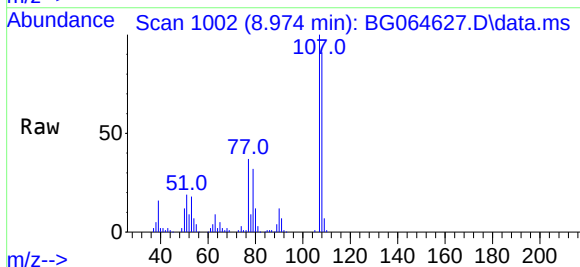
Ion Ratio Lower Upper

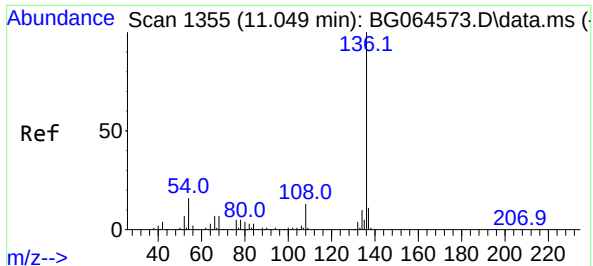
107 100

108 91.2 70.3 110.3

77 37.3 14.6 54.6

79 31.8 11.7 51.7



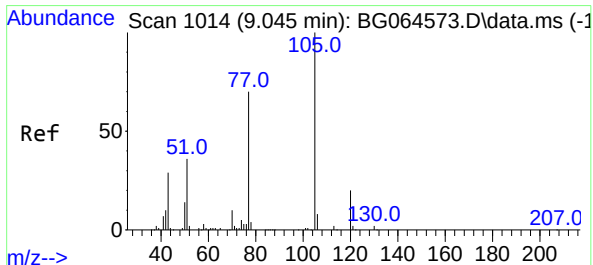
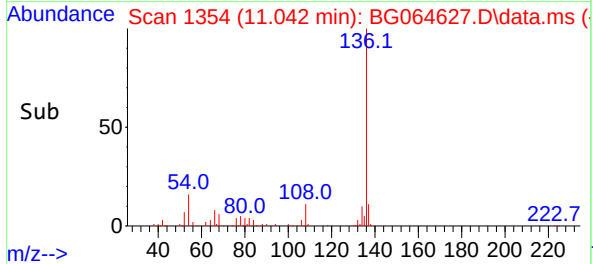
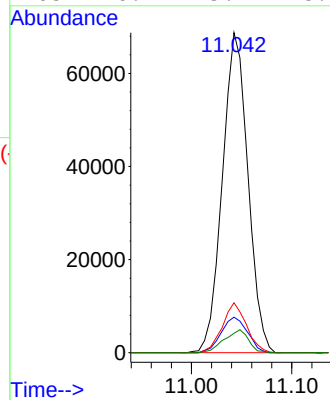
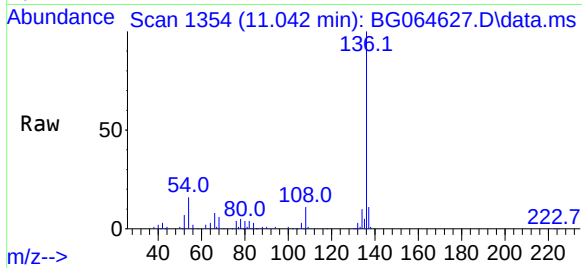


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:136 Resp: 121320

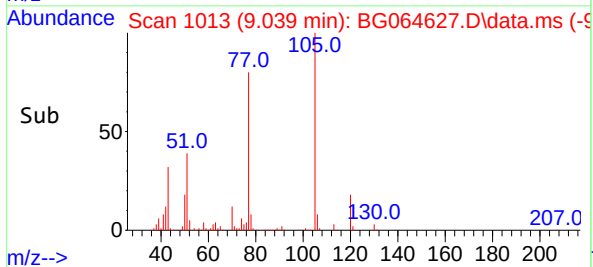
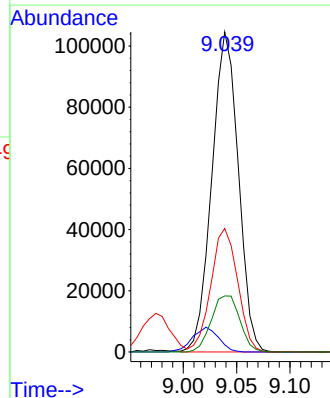
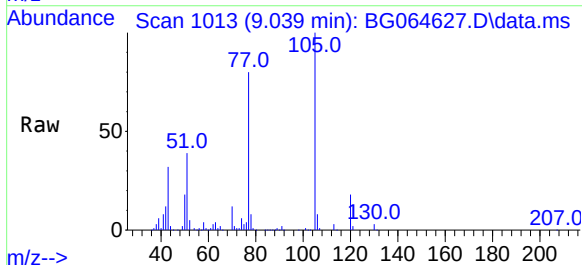
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	15.6	12.6	19.0
68	6.1	5.7	8.5

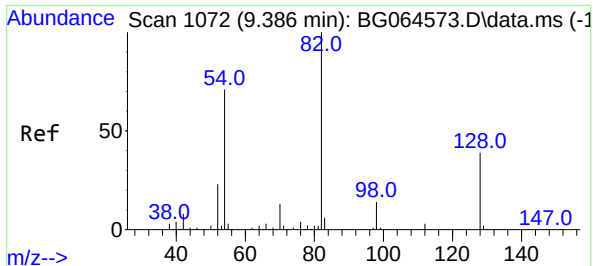


#22
Acetophenone
Concen: 54.347 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:105 Resp: 180237

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.5	2.3
51	38.6	33.7	50.5
120	17.5	16.1	24.1

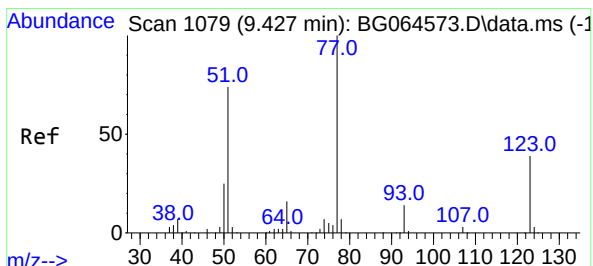
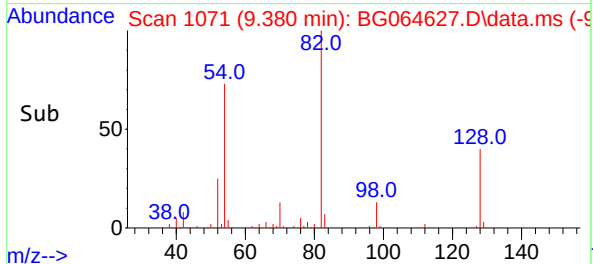
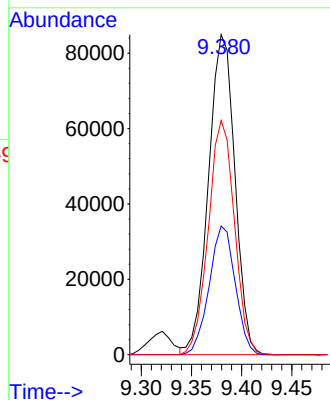
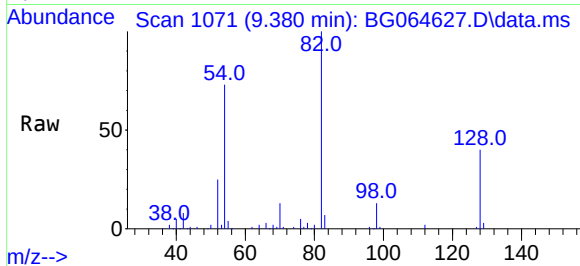




#23
Nitrobenzene-d5
Concen: 76.945 ng
RT: 9.380 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

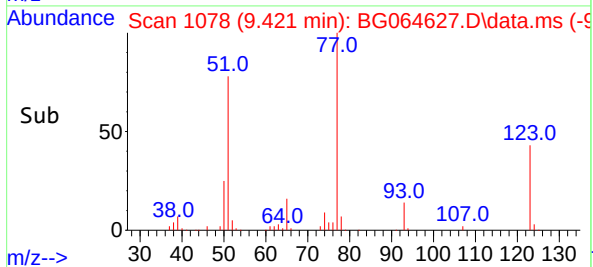
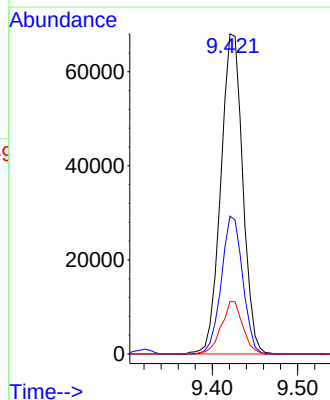
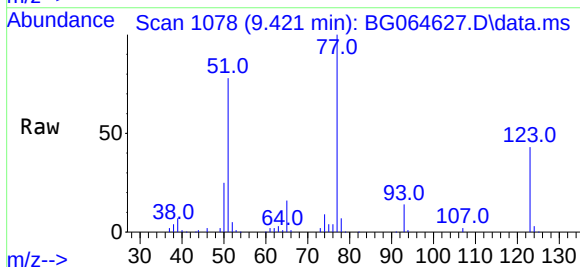
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

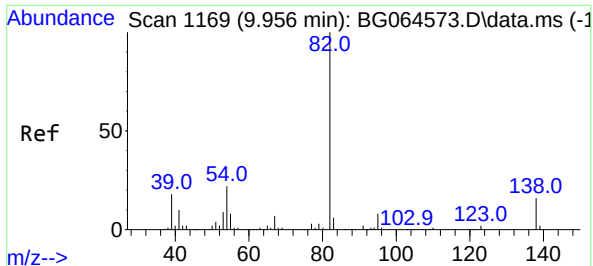
Tgt Ion: 82 Resp: 155421
Ion Ratio Lower Upper
82 100
128 40.2 31.3 46.9
54 73.2 56.6 84.8



#24
Nitrobenzene
Concen: 55.332 ng
RT: 9.421 min Scan# 1078
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion: 77 Resp: 121561
Ion Ratio Lower Upper
77 100
123 43.1 31.0 46.6
65 16.4 12.7 19.1

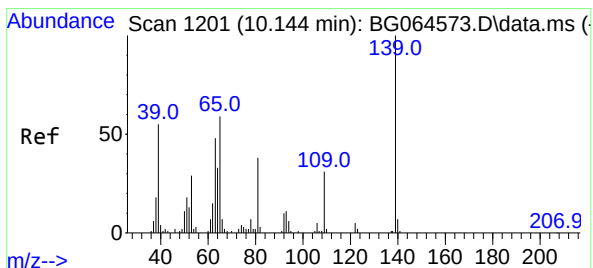
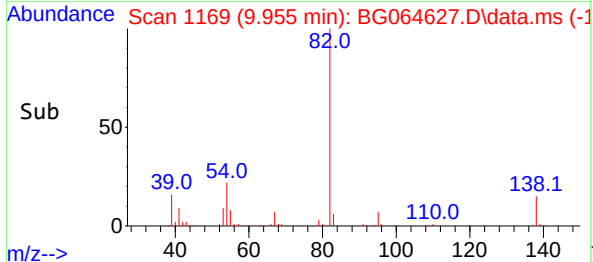
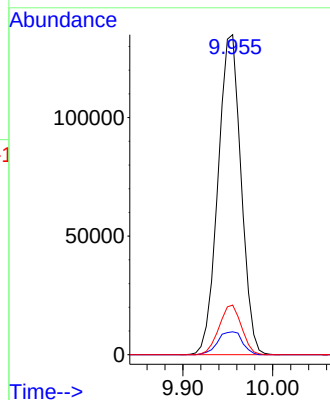
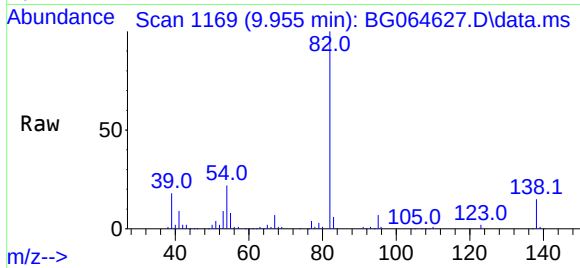




#25
Isophorone
Concen: 49.637 ng
RT: 9.955 min Scan# 1169
Delta R.T. -0.011 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

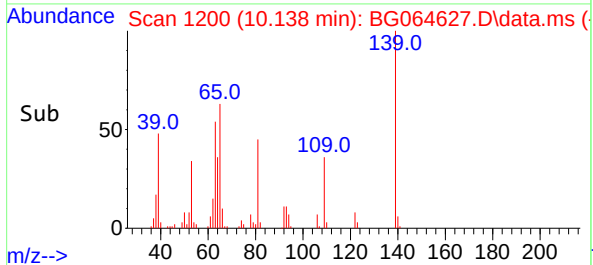
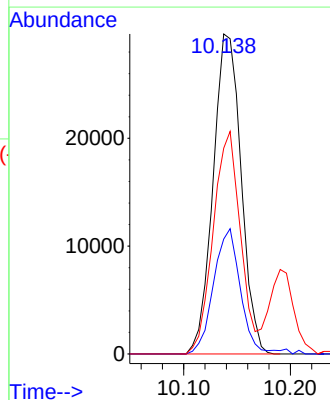
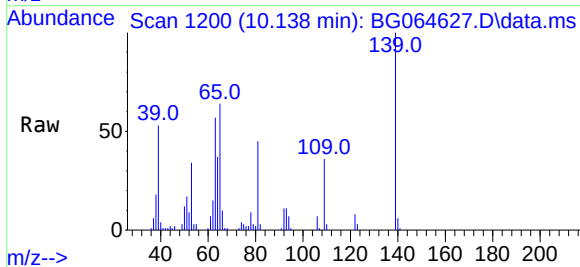
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MS

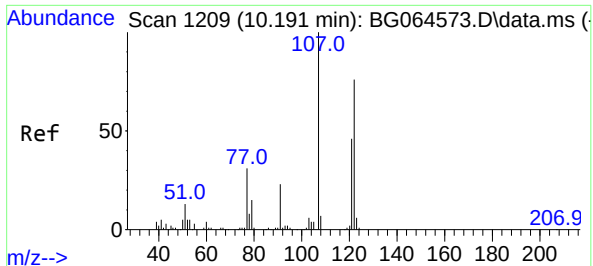
Tgt Ion: 82 Resp: 240580
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 15.5 13.0 19.4



#26
2-Nitrophenol
Concen: 62.810 ng
RT: 10.138 min Scan# 1200
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:139 Resp: 54118
Ion Ratio Lower Upper
139 100
109 35.9 24.6 37.0
65 64.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 56.519 ng

RT: 10.196 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

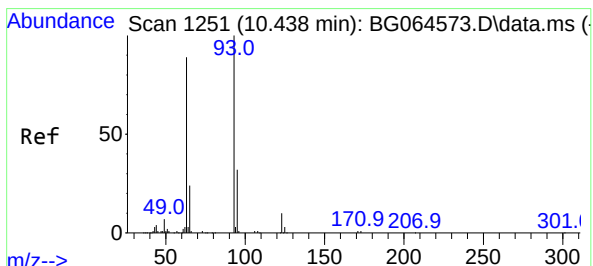
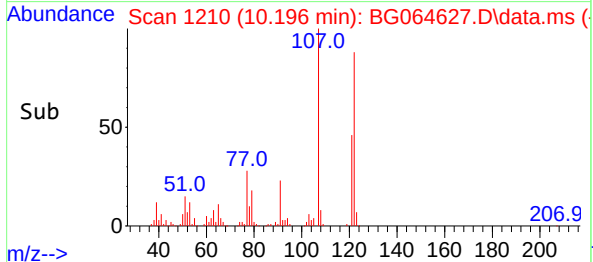
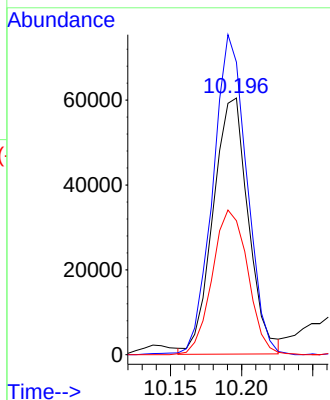
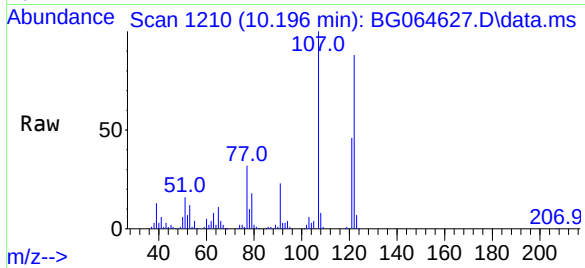
Tgt Ion:122 Resp: 103937

Ion Ratio Lower Upper

122 100

107 114.0 103.0 154.4

121 52.2 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.190 ng

RT: 10.431 min Scan# 1250

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

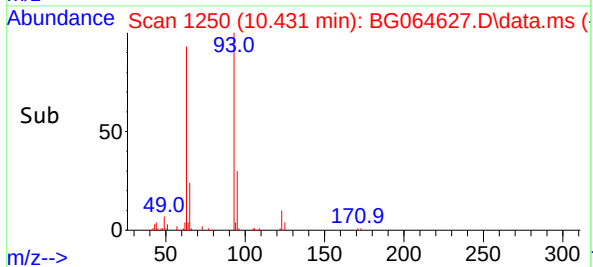
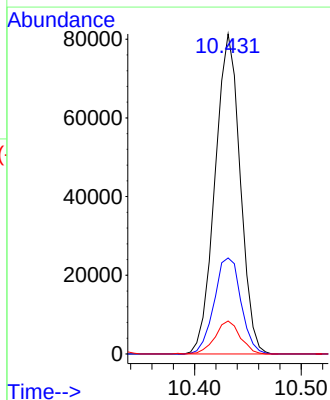
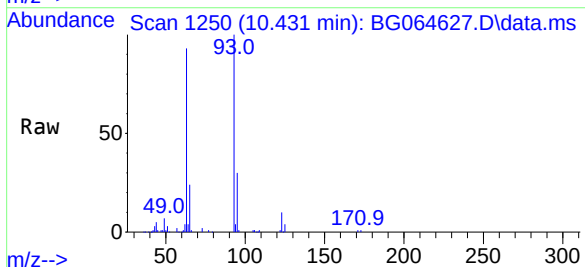
Tgt Ion: 93 Resp: 132986

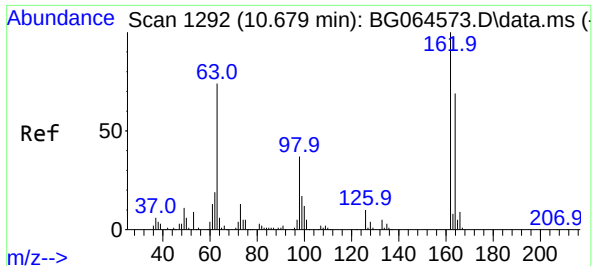
Ion Ratio Lower Upper

93 100

95 30.0 25.4 38.2

123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 56.512 ng

RT: 10.678 min Scan# 1292

Delta R.T. -0.004 min

Lab File: BG064627.D

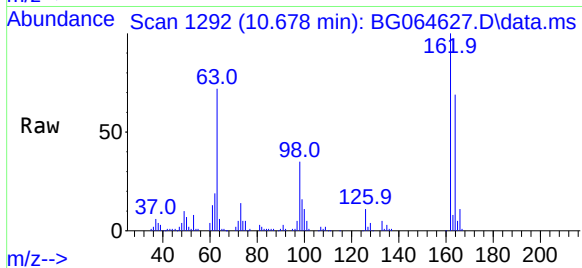
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



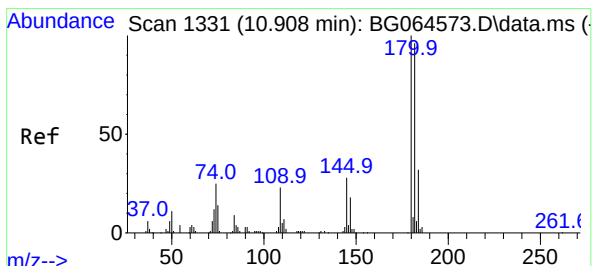
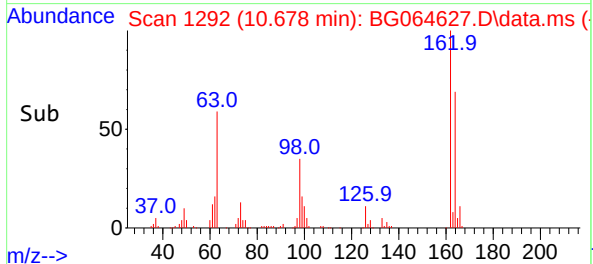
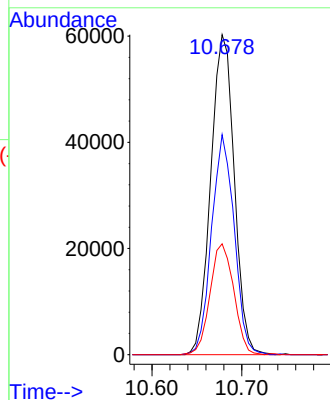
Tgt Ion:162 Resp: 109647

Ion Ratio Lower Upper

162 100

164 68.8 48.7 88.7

98 34.6 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 54.496 ng

RT: 10.901 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

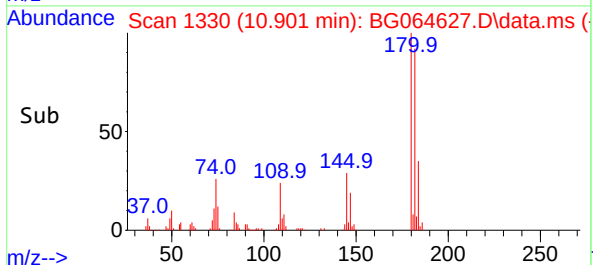
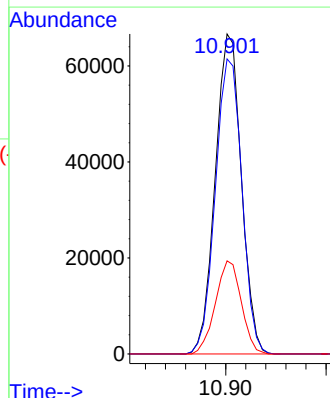
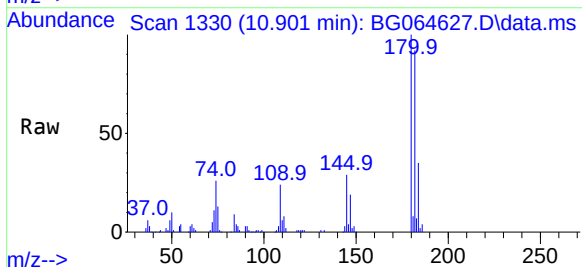
Tgt Ion:180 Resp: 120137

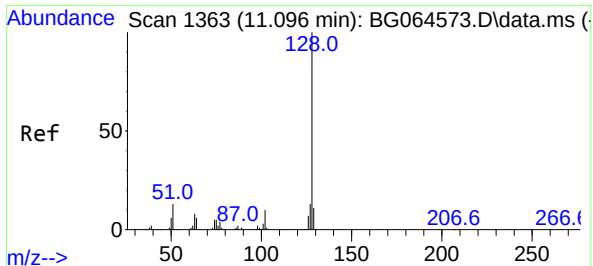
Ion Ratio Lower Upper

180 100

182 92.2 76.9 115.3

145 29.1 22.1 33.1

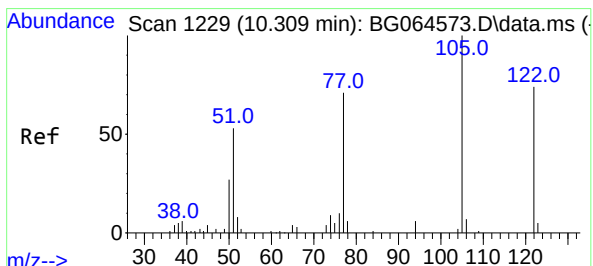
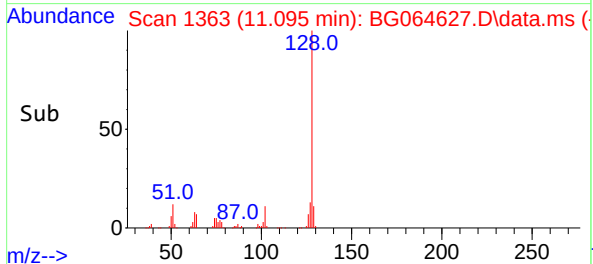
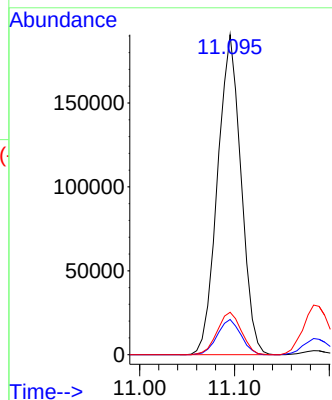
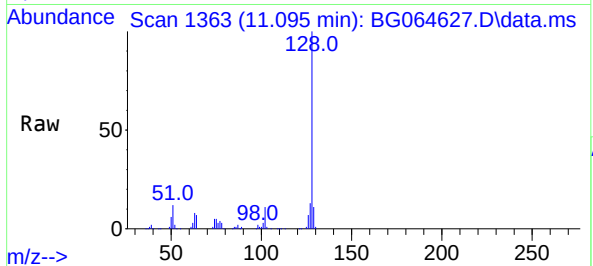




#31
Naphthalene
Concen: 48.777 ng
RT: 11.095 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

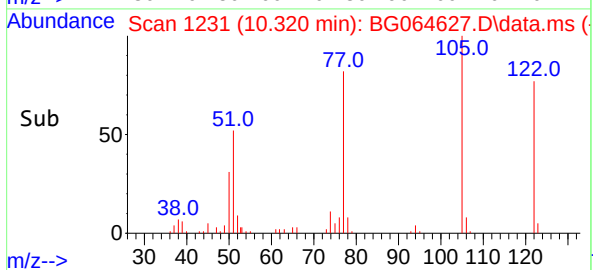
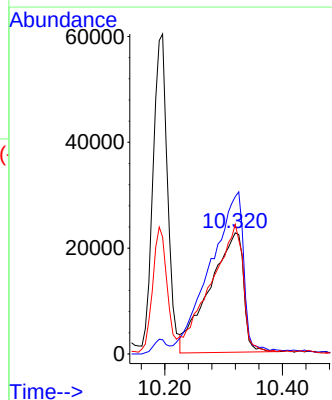
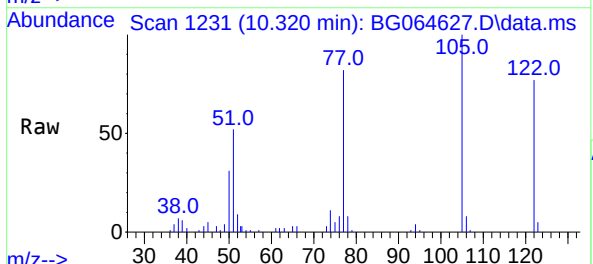
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:128 Resp: 328094
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 65.009 ng
RT: 10.320 min Scan# 1231
Delta R.T. -0.022 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:122 Resp: 89978
Ion Ratio Lower Upper
122 100
105 129.9 104.2 144.2
77 107.0 70.2 110.2



Abundance Scan 1379 (11.190 min): BG064573.D\data.ms (

#33

4-Chloroaniline

Concen: 21.618 ng

RT: 11.183 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064627.D

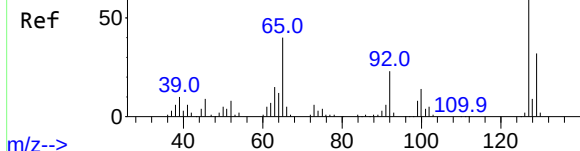
Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:127 Resp: 56519

Ion Ratio Lower Upper

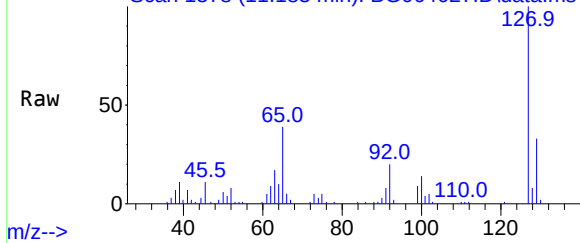
127 100

129 32.6 25.5 38.3

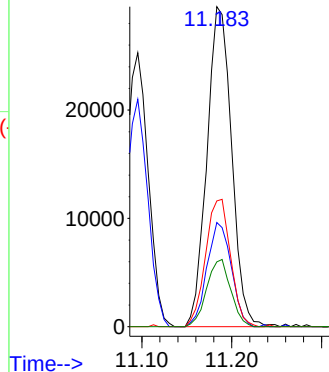
65 39.3 32.2 48.4

92 20.3 18.2 27.2

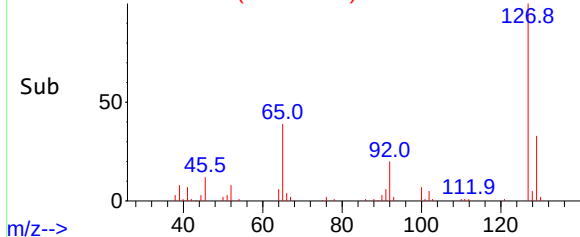
Abundance Scan 1378 (11.183 min): BG064627.D\data.ms



Abundance



Abundance Scan 1378 (11.183 min): BG064627.D\data.ms (



Abundance Scan 1413 (11.390 min): BG064573.D\data.ms (

#34

Hexachlorobutadiene

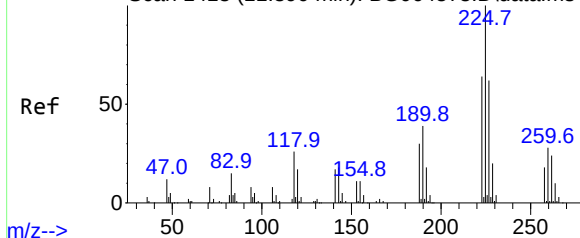
Concen: 52.062 ng

RT: 11.383 min Scan# 1412

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34



Tgt Ion:225 Resp: 89758

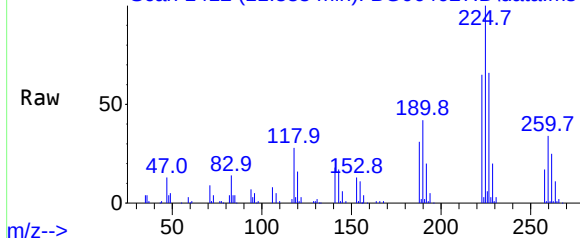
Ion Ratio Lower Upper

225 100

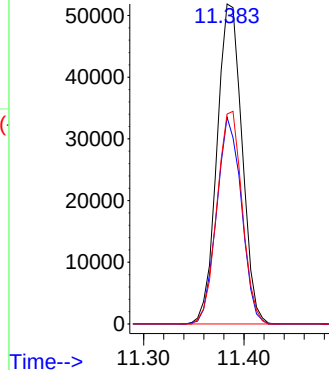
223 64.6 48.8 73.2

227 68.7 49.5 74.3

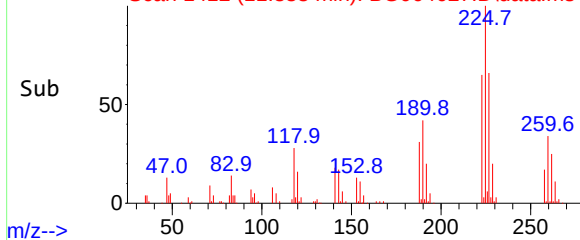
Abundance Scan 1412 (11.383 min): BG064627.D\data.ms

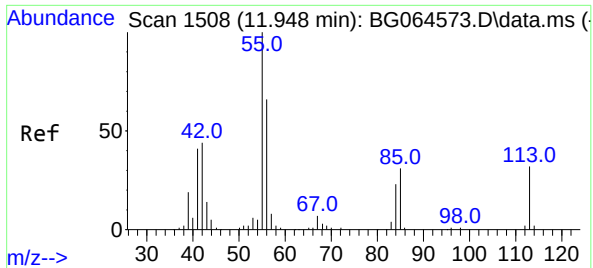


Abundance



Abundance Scan 1412 (11.383 min): BG064627.D\data.ms (

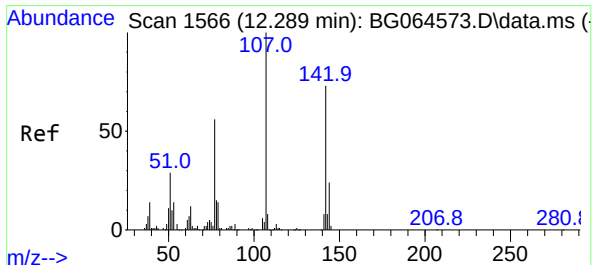
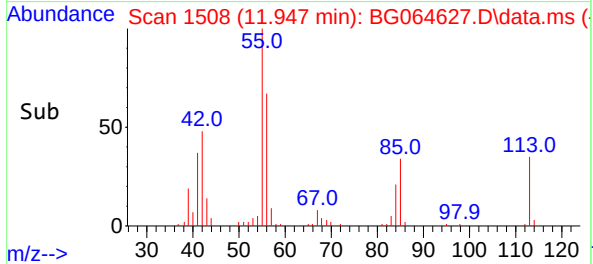
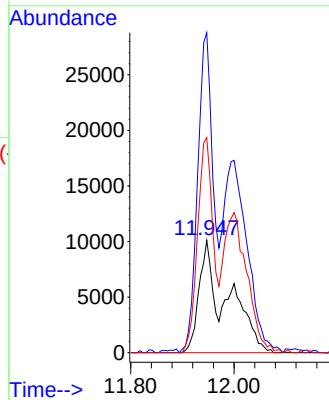
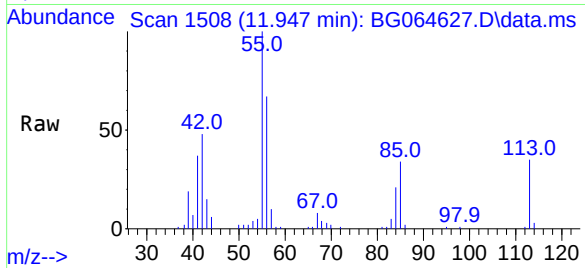




#35
Caprolactam
Concen: 50.401 ng m
RT: 11.947 min Scan# 11
Delta R.T. -0.028 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

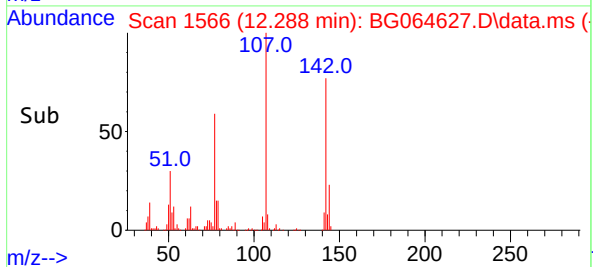
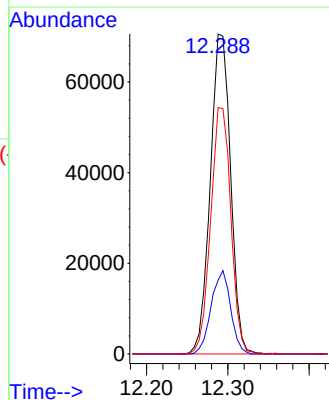
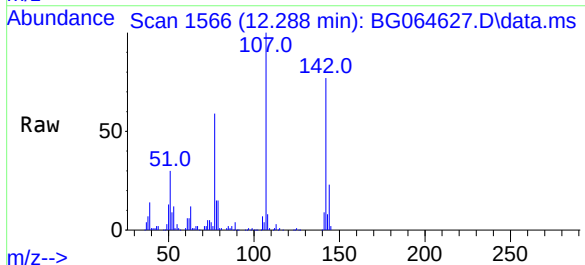
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

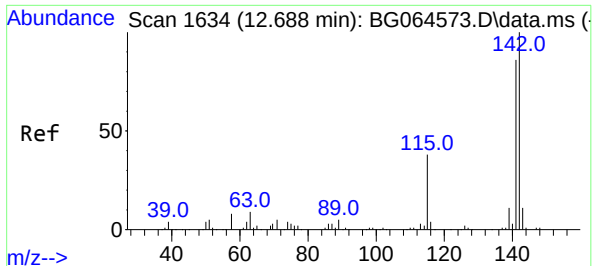
Tgt Ion:113 Resp: 37507
Ion Ratio Lower Upper
113 100
55 284.8 290.1 330.1#
56 191.4 183.8 223.8



#36
4-Chloro-3-methylphenol
Concen: 52.585 ng
RT: 12.288 min Scan# 1566
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:107 Resp: 122640
Ion Ratio Lower Upper
107 100
144 23.0 19.1 28.7
142 77.0 58.6 87.8

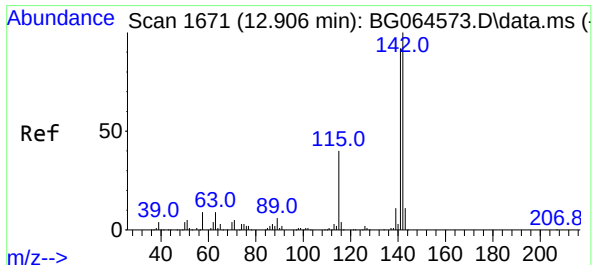
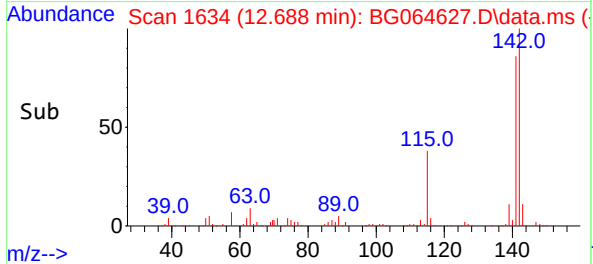
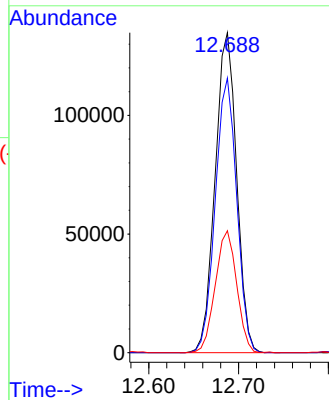
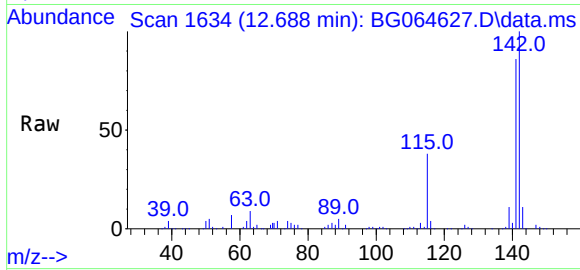




#37
2-Methylnaphthalene
Concen: 45.380 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

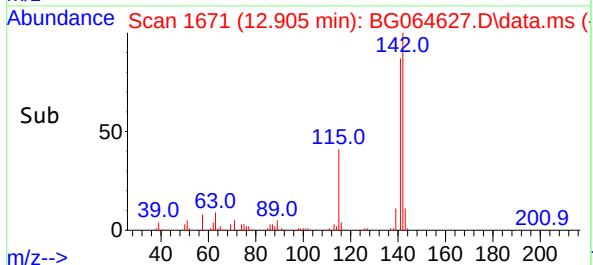
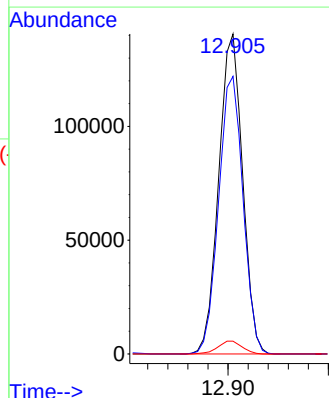
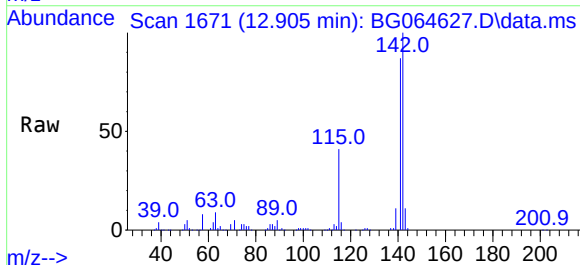
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:142 Resp: 224108
Ion Ratio Lower Upper
142 100
141 85.8 68.9 103.3
115 38.1 30.6 46.0

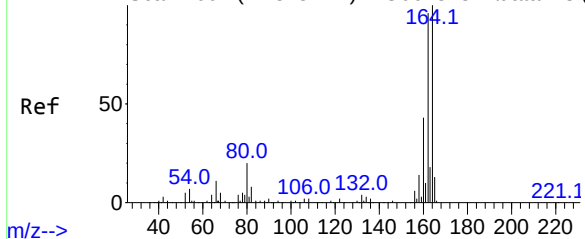


#38
1-Methylnaphthalene
Concen: 47.679 ng
RT: 12.905 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:142 Resp: 231684
Ion Ratio Lower Upper
142 100
141 86.8 73.3 109.9
116 4.0 3.1 4.7



Abundance Scan 2001 (14.845 min): BG064573.D\data.ms (



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:164 Resp: 93614

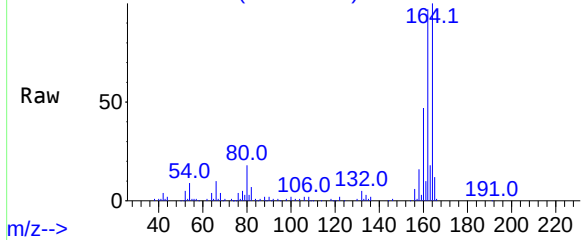
Ion Ratio Lower Upper

164 100

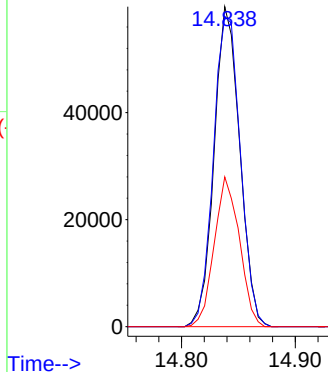
162 96.9 77.0 115.6

160 46.8 34.4 51.6

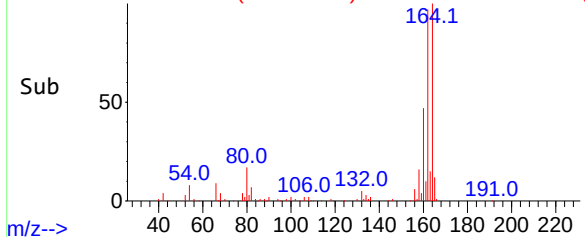
Abundance Scan 2000 (14.838 min): BG064627.D\data.ms



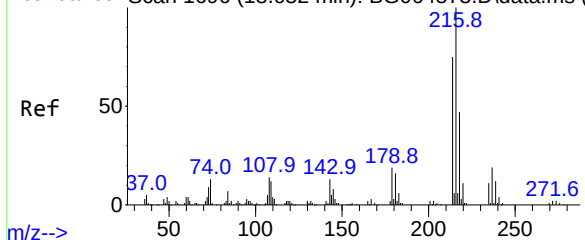
Abundance



Abundance Scan 2000 (14.838 min): BG064627.D\data.ms (



Abundance Scan 1696 (13.052 min): BG064573.D\data.ms (



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.895 ng

RT: 13.046 min Scan# 1695

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:216 Resp: 181893

Ion Ratio Lower Upper

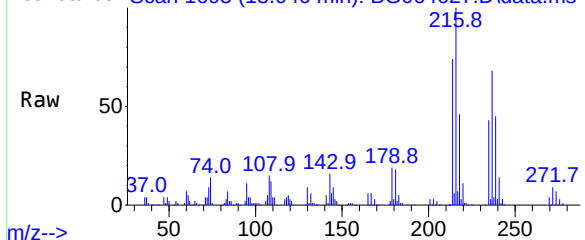
216 100

214 76.0 61.4 92.2

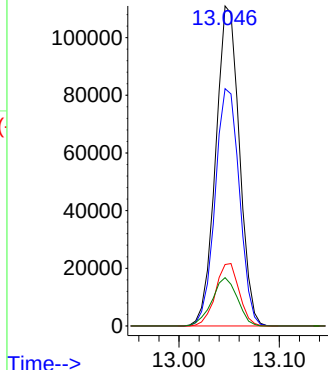
179 19.5 15.4 23.0

108 16.1 11.8 17.6

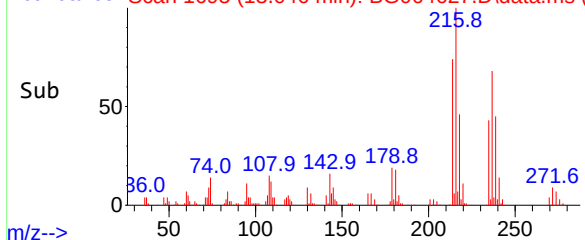
Abundance Scan 1695 (13.046 min): BG064627.D\data.ms

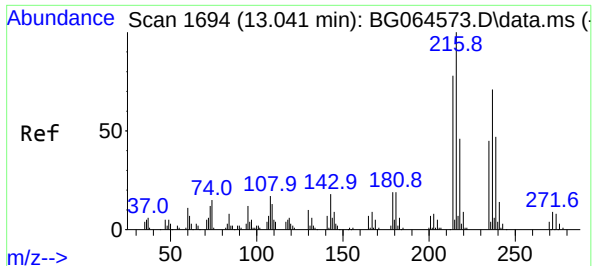


Abundance



Abundance Scan 1695 (13.046 min): BG064627.D\data.ms (

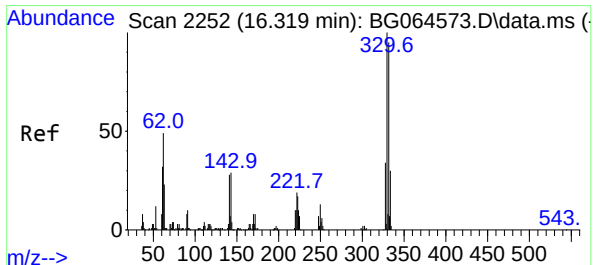
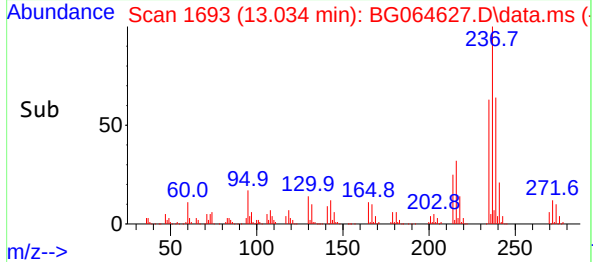
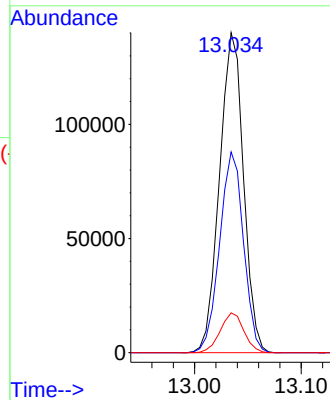
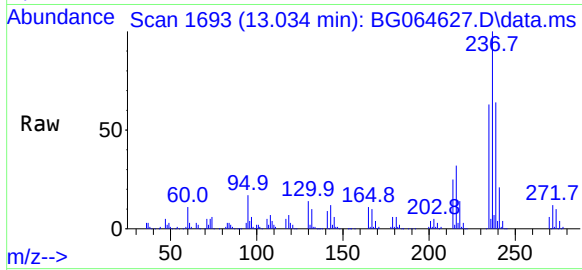




#41
Hexachlorocyclopentadiene
Concen: 154.388 ng
RT: 13.034 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

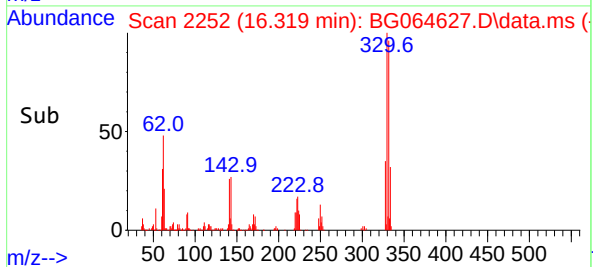
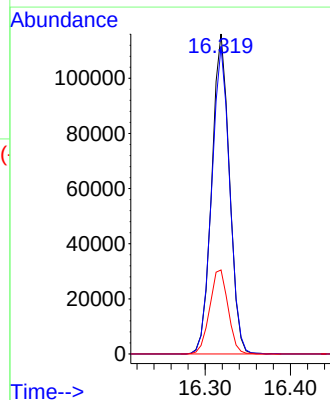
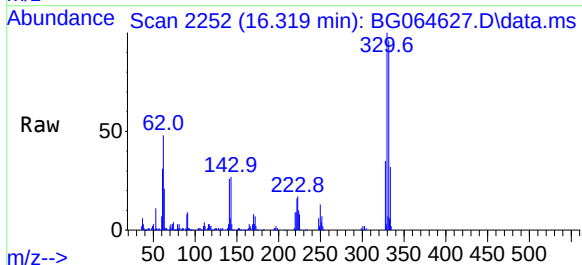
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:	237	Resp:	218323
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.1	84.1
272	12.4	0.0	32.4

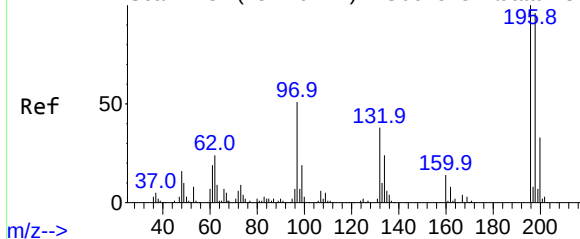


#42
2,4,6-Tribromophenol
Concen: 123.459 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	330	Resp:	166810
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	27.3	21.8	32.6



Abundance Scan 1734 (13.276 min): BG064573.D\data.ms (

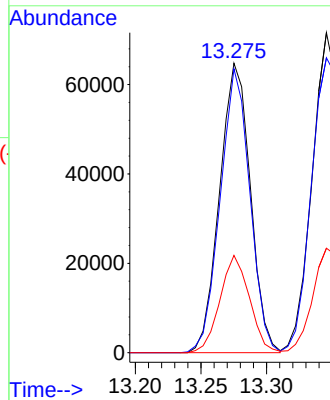
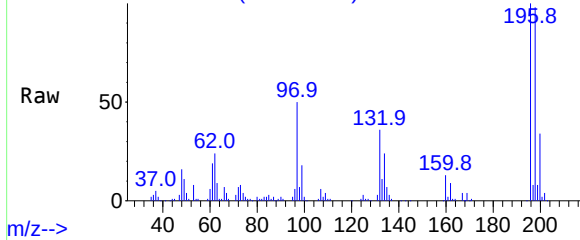


#43
2,4,6-Trichlorophenol
Concen: 58.649 ng
RT: 13.275 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

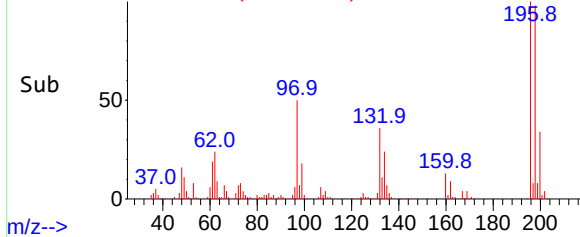
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:196 Resp: 105398
Ion Ratio Lower Upper
196 100
198 98.0 76.6 115.0
200 35.8 26.0 39.0

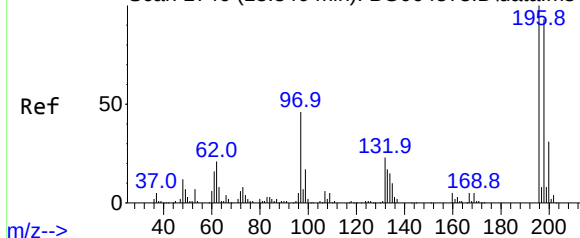
Abundance Scan 1734 (13.275 min): BG064627.D\data.ms



Abundance Scan 1734 (13.275 min): BG064627.D\data.ms (



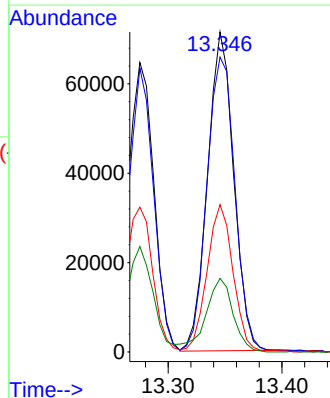
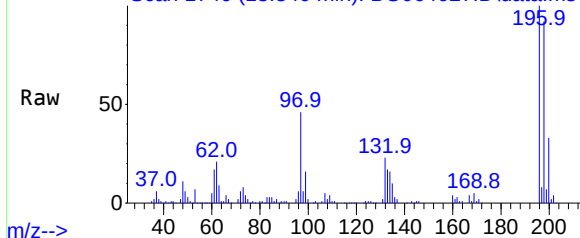
Abundance Scan 1746 (13.346 min): BG064573.D\data.ms (



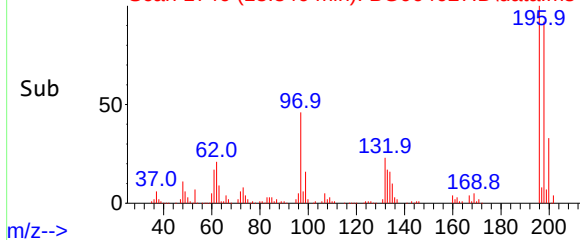
#44
2,4,5-Trichlorophenol
Concen: 55.084 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

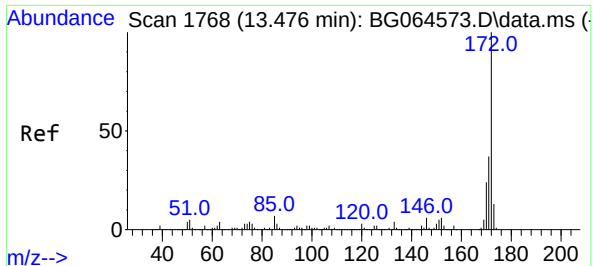
Tgt Ion:196 Resp: 114236
Ion Ratio Lower Upper
196 100
198 92.2 74.2 111.4
97 46.1 37.0 55.6
132 23.0 18.5 27.7

Abundance Scan 1746 (13.346 min): BG064627.D\data.ms



Abundance Scan 1746 (13.346 min): BG064627.D\data.ms (

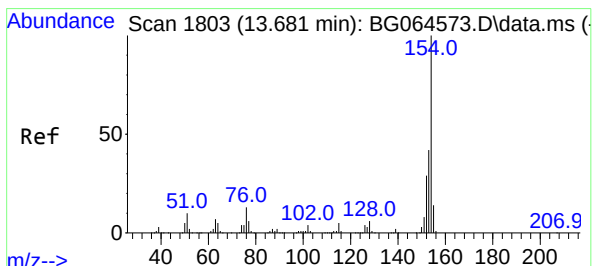
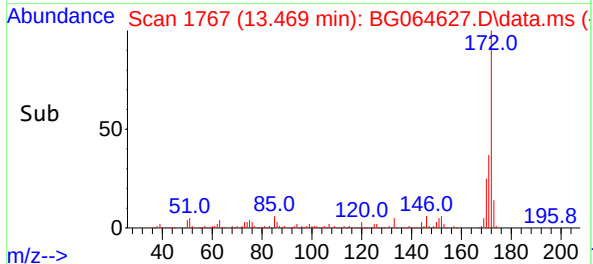
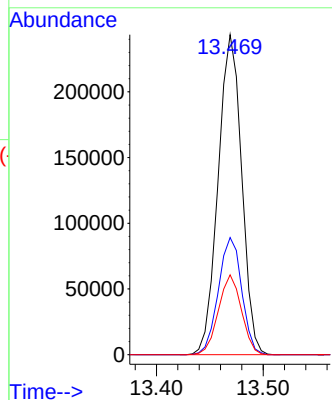
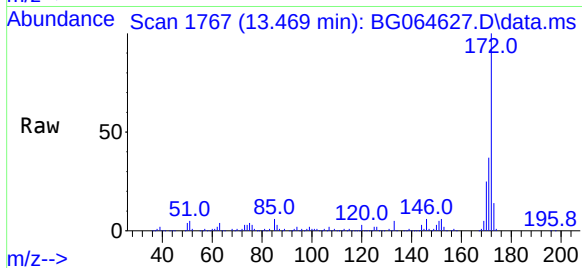




#45
2-Fluorobiphenyl
Concen: 60.330 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

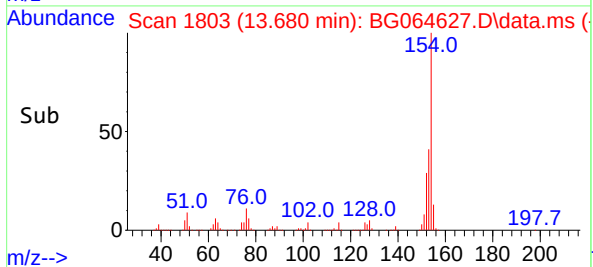
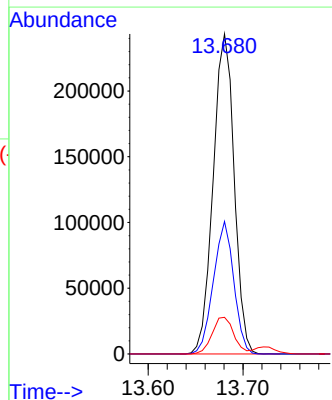
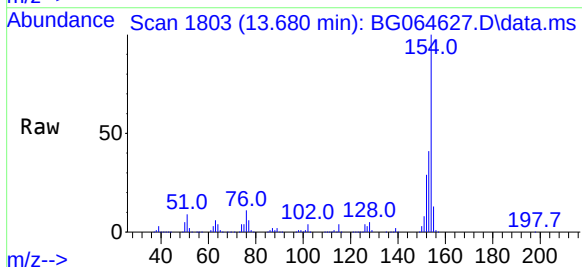
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

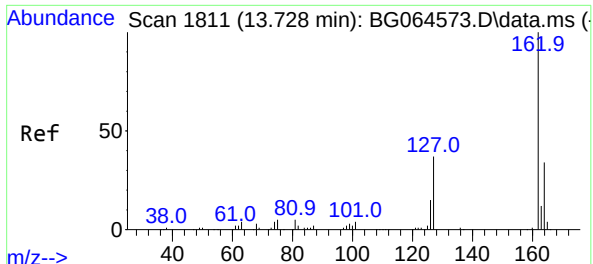
Tgt Ion:172 Resp: 372604
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 56.287 ng
RT: 13.680 min Scan# 1803
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:154 Resp: 374605
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 11.4 0.0 33.5





#47

2-Chloronaphthalene

Concen: 50.074 ng

RT: 13.722 min Scan# 1811

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

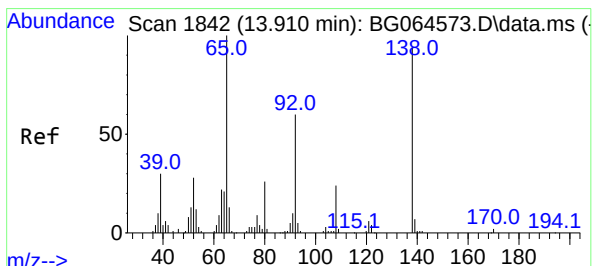
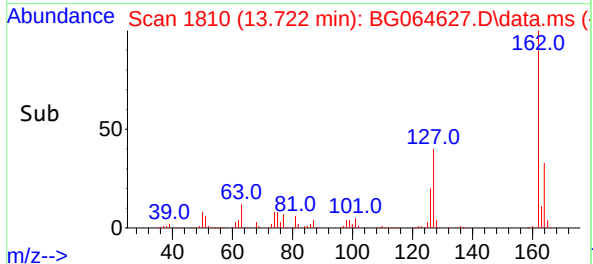
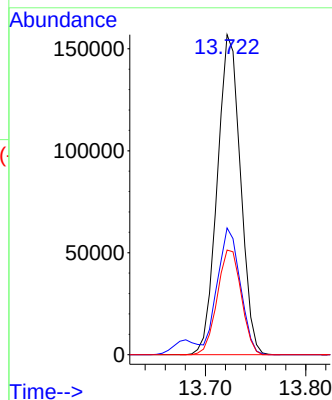
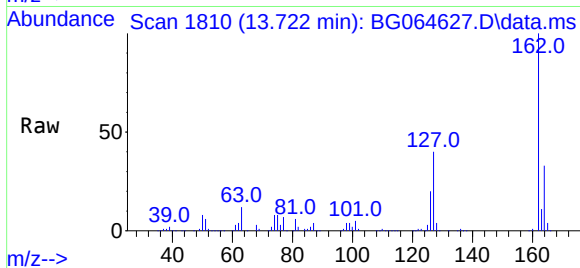
Tgt Ion:162 Resp: 251555

Ion Ratio Lower Upper

162 100

127 39.6 32.2 48.2

164 32.7 27.5 41.3



#48

2-Nitroaniline

Concen: 56.055 ng

RT: 13.910 min Scan# 1842

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

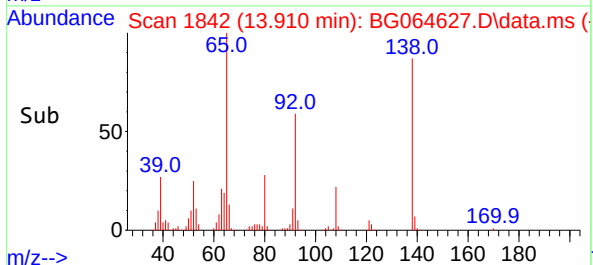
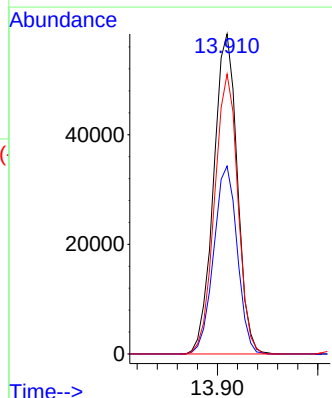
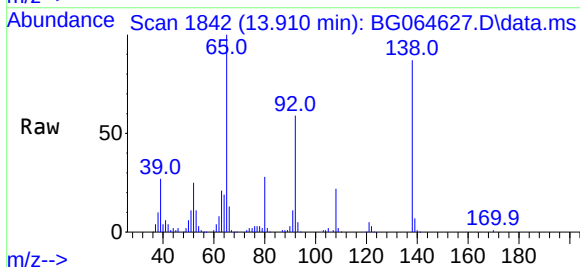
Tgt Ion: 65 Resp: 95513

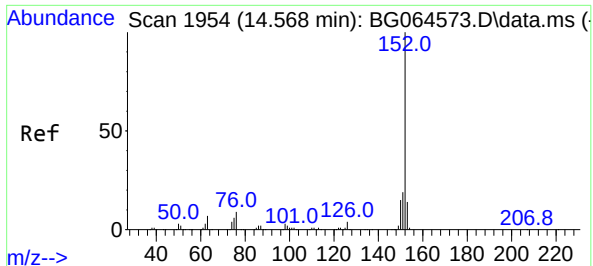
Ion Ratio Lower Upper

65 100

92 58.7 48.3 72.5

138 87.5 74.9 112.3

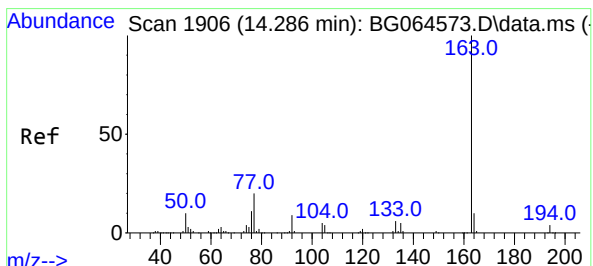
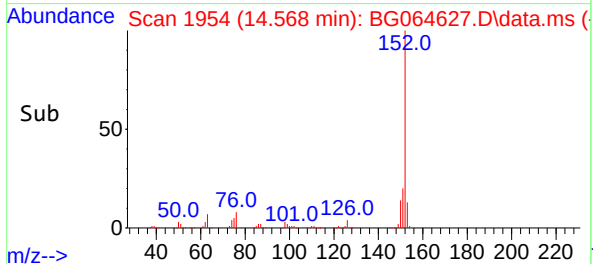
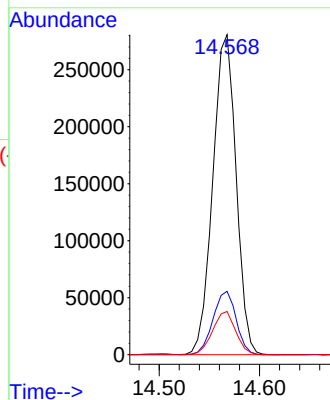
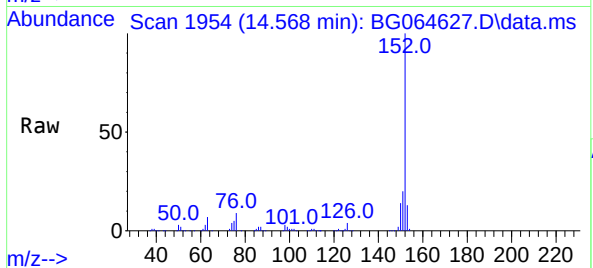




#49
Acenaphthylene
Concen: 57.112 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

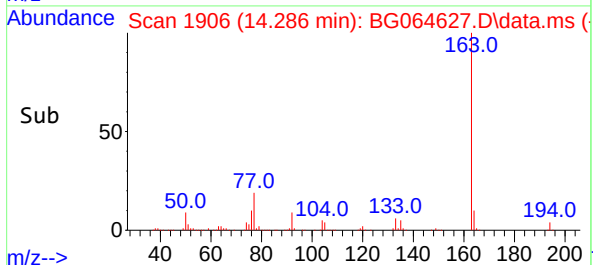
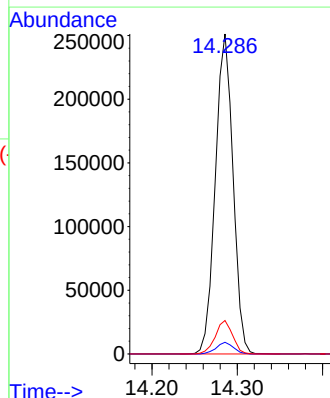
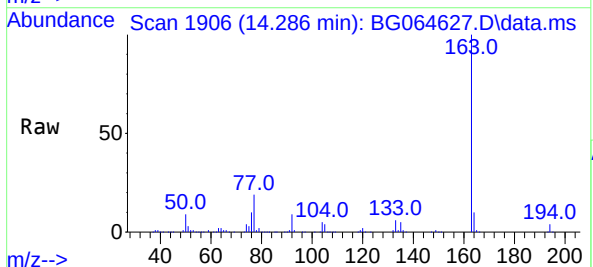
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

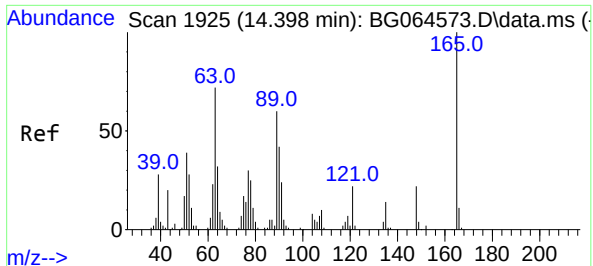
Tgt Ion:152 Resp: 452550
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.5 11.0 16.4



#50
Dimethylphthalate
Concen: 50.569 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:163 Resp: 362240
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 7.7 11.5

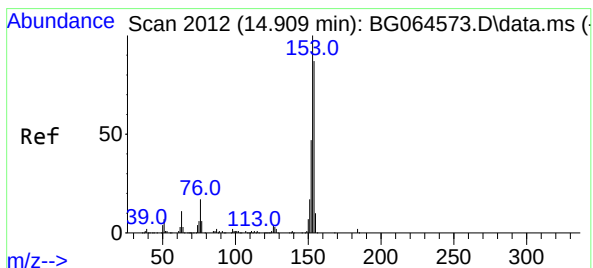
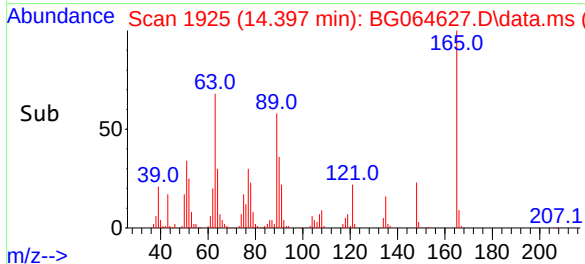
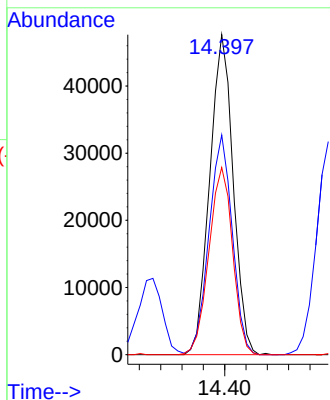
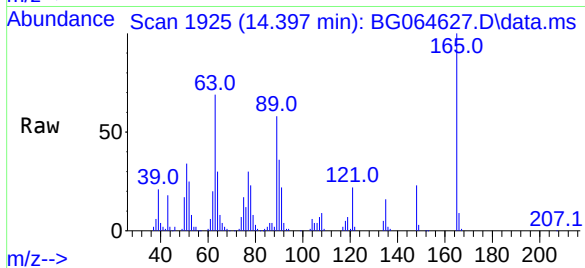




#51
2,6-Dinitrotoluene
Concen: 60.623 ng
RT: 14.397 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

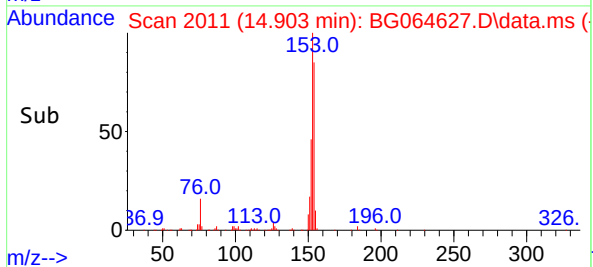
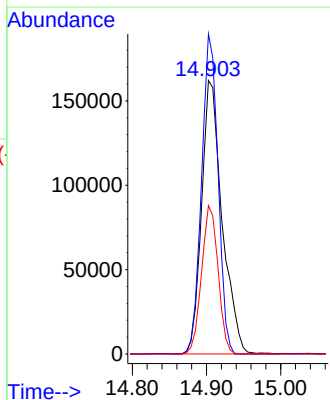
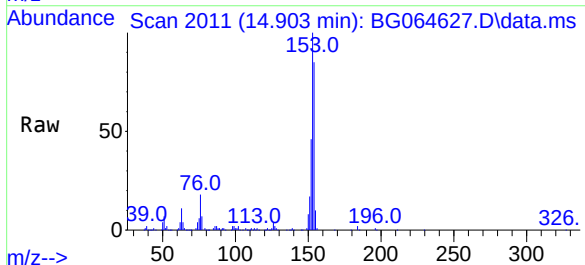
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

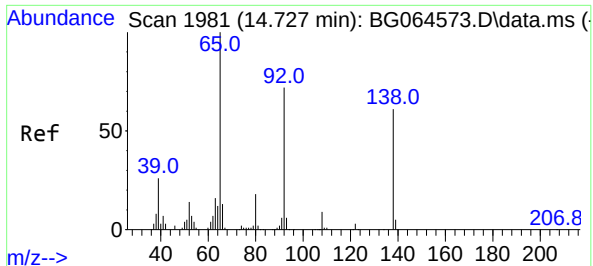
Tgt Ion:	165	Resp:	72717
Ion Ratio	Lower	Upper	
165	100		
63	68.6	57.4	86.0
89	58.5	47.8	71.8



#52
Acenaphthene
Concen: 57.775 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	154	Resp:	312776
Ion Ratio	Lower	Upper	
154	100		
153	117.0	92.2	138.4
152	54.2	43.2	64.8

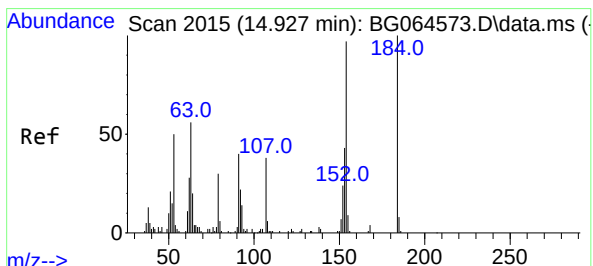
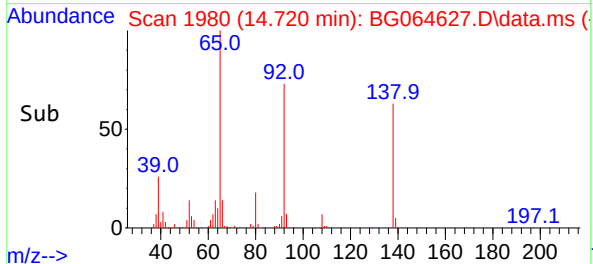
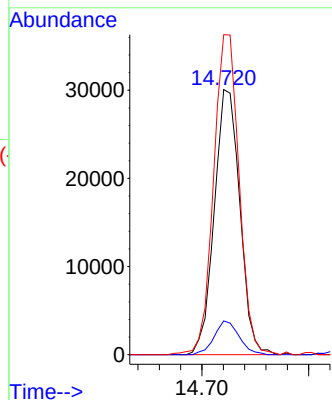
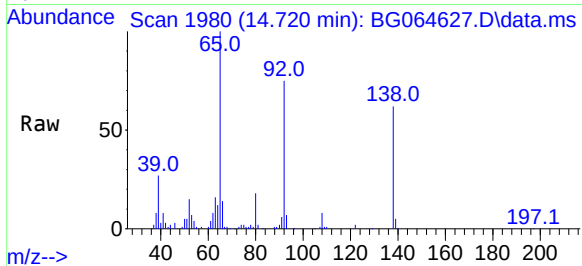




#53
3-Nitroaniline
Concen: 40.637 ng
RT: 14.720 min Scan# 1981
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

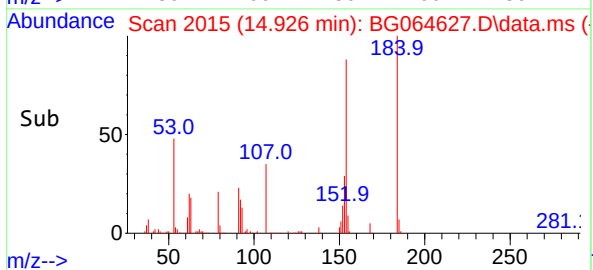
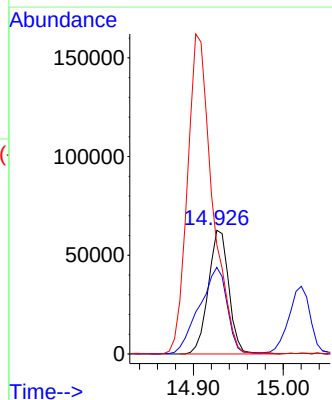
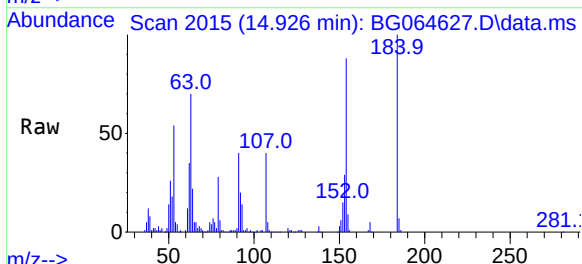
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

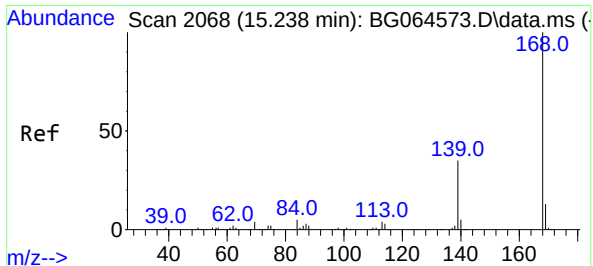
Tgt Ion:138 Resp: 50027
Ion Ratio Lower Upper
138 100
108 12.7 11.4 17.0
92 120.7 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 132.948 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:184 Resp: 99300
Ion Ratio Lower Upper
184 100
63 69.9 56.6 85.0
154 88.2 158.6 238.0#

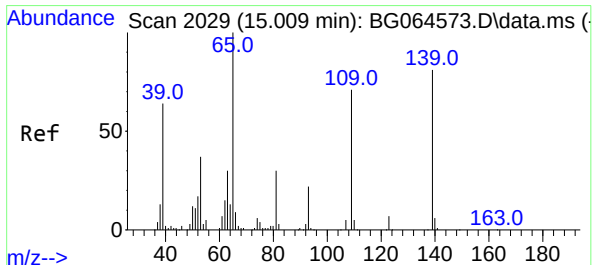
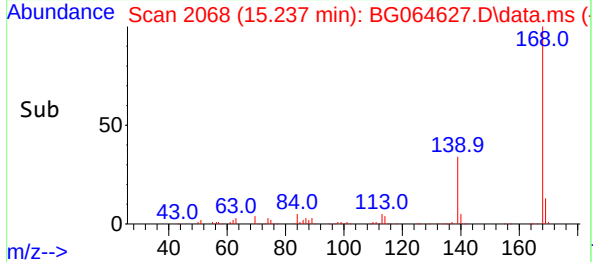
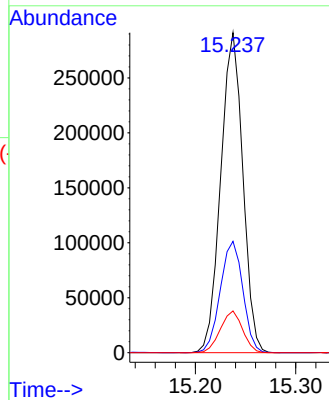
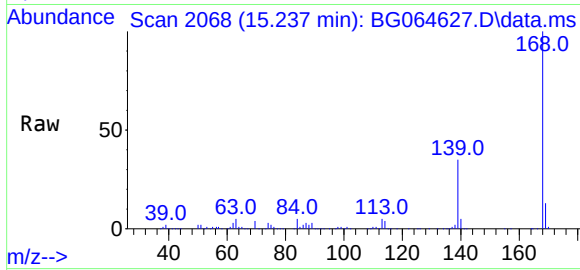




#55
Dibenzenofuran
Concen: 50.793 ng
RT: 15.237 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

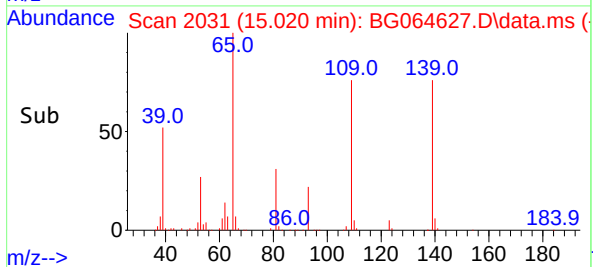
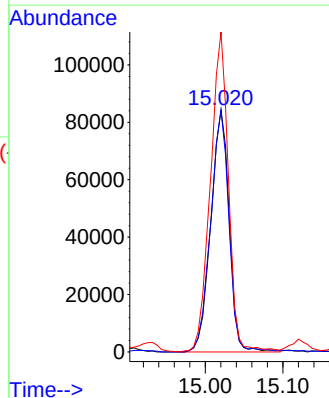
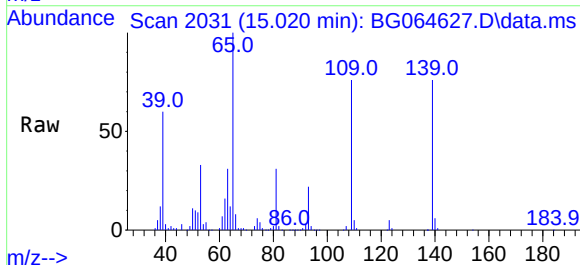
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

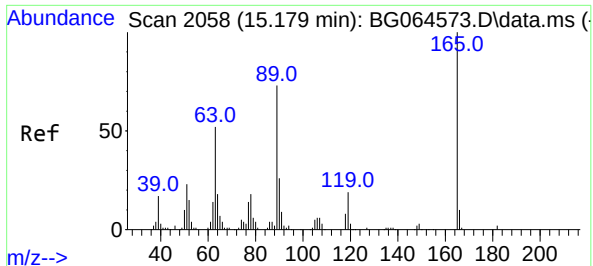
Tgt Ion:168 Resp: 444561
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 121.914 ng
RT: 15.020 min Scan# 2031
Delta R.T. 0.002 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:139 Resp: 139148
Ion Ratio Lower Upper
139 100
109 100.0 67.8 107.8
65 132.3 103.7 143.7

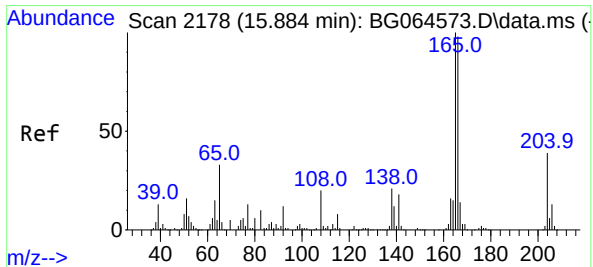
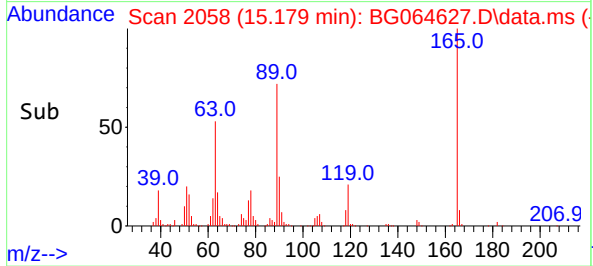
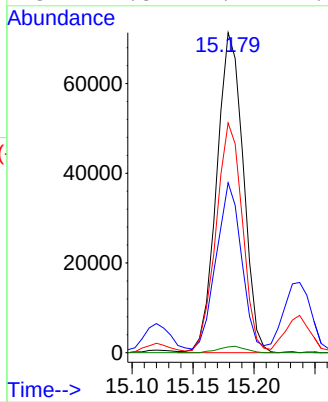
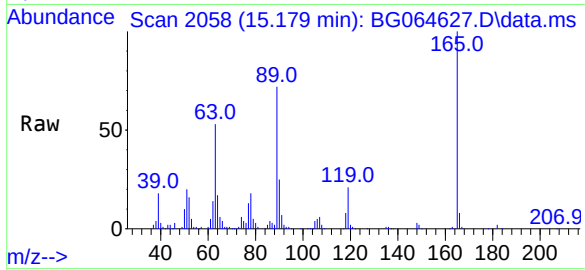




#57
2,4-Dinitrotoluene
Concen: 58.491 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

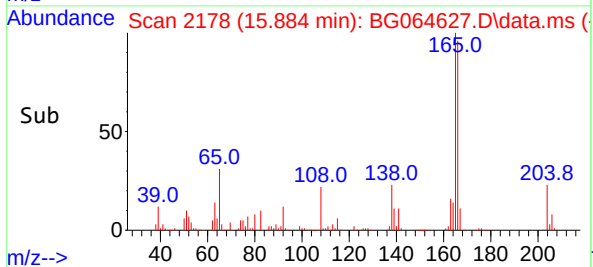
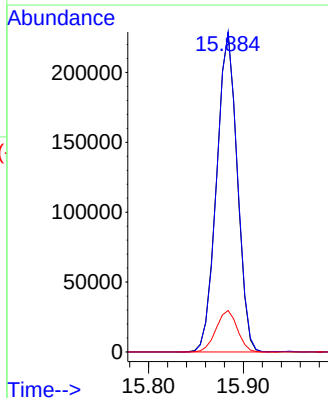
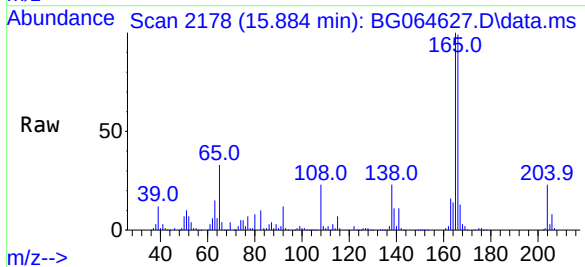
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

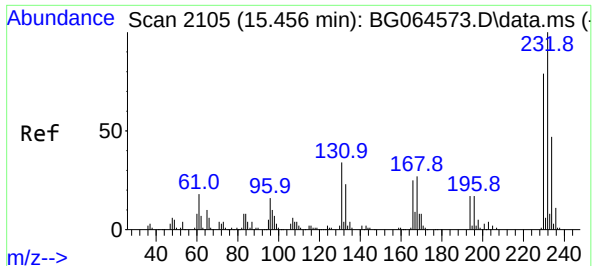
Tgt Ion:	165	Resp:	108193
Ion	Ratio	Lower	Upper
165	100		
63	53.1	41.8	62.8
89	71.8	58.1	87.1
182	1.8	1.4	2.0



#58
Fluorene
Concen: 50.581 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:	166	Resp:	345737
Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.5	122.3
167	13.0	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.001 ng

RT: 15.455 min Scan# 2105

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:232 Resp: 122956

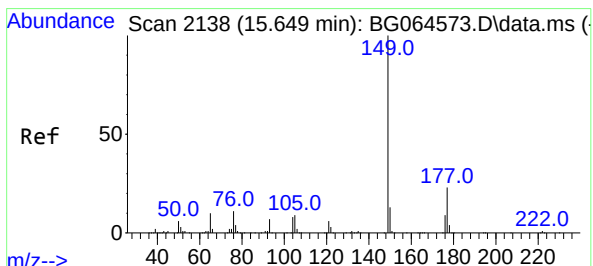
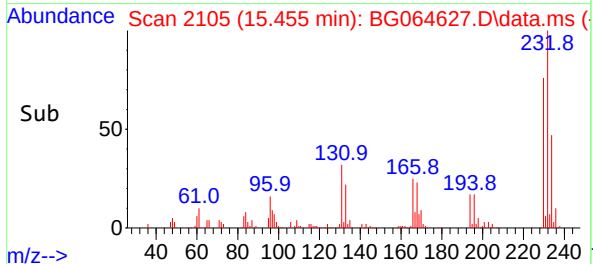
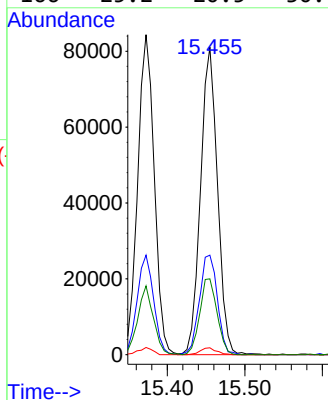
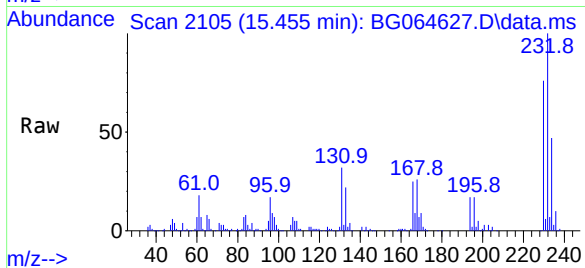
Ion Ratio Lower Upper

232 100

131 34.4 26.7 40.1

130 2.1 1.6 2.4

166 25.2 20.5 30.7



#60

Diethylphthalate

Concen: 50.036 ng

RT: 15.643 min Scan# 2137

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

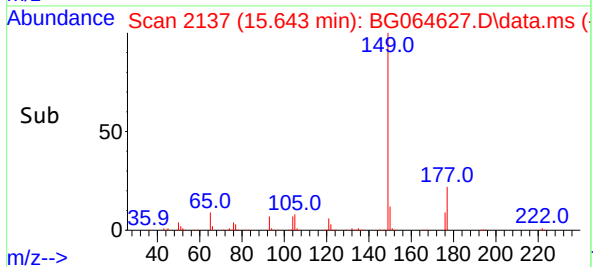
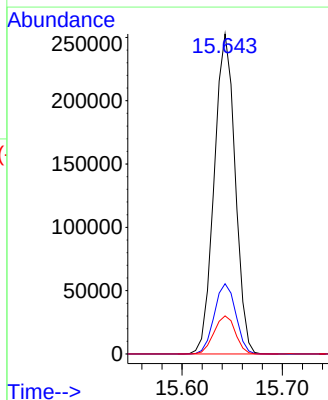
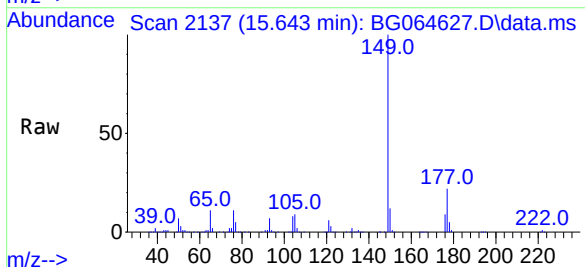
Tgt Ion:149 Resp: 365971

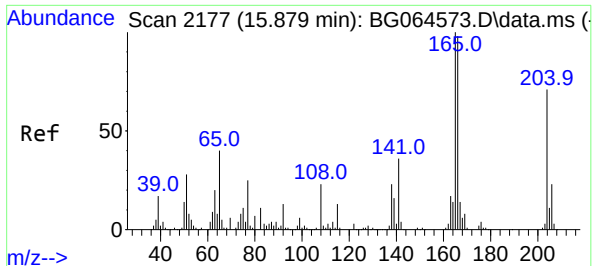
Ion Ratio Lower Upper

149 100

177 21.9 18.0 27.0

150 11.9 10.2 15.4

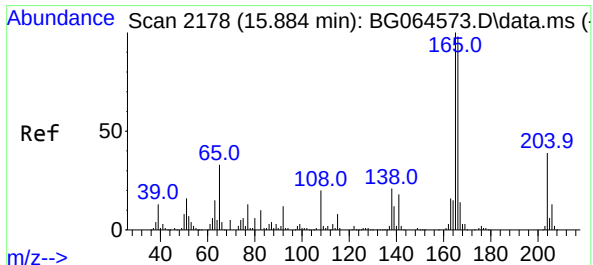
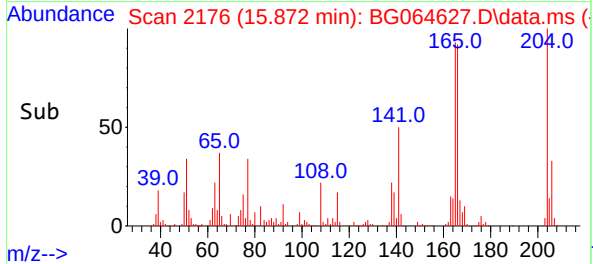
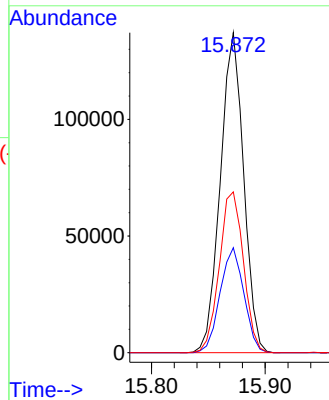
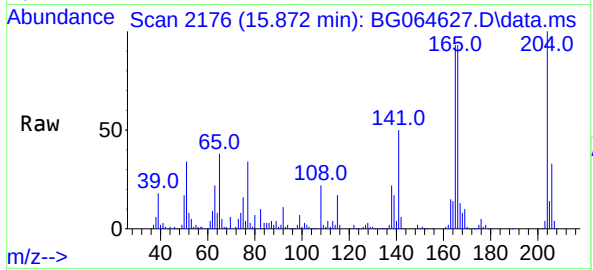




#61
4-Chlorophenyl-phenylether
Concen: 50.956 ng
RT: 15.872 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

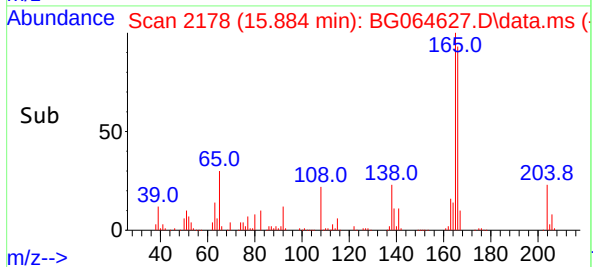
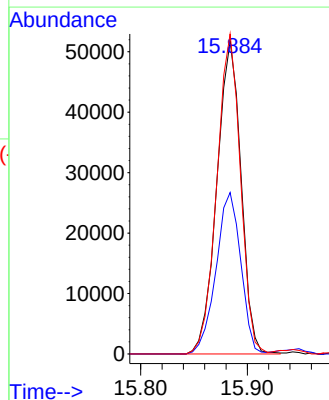
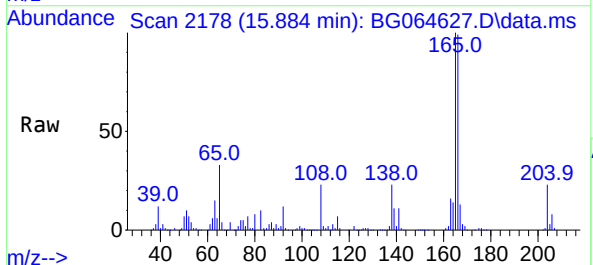
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

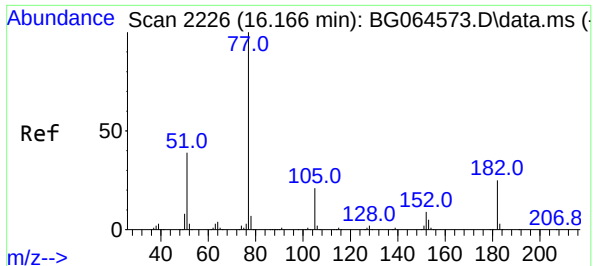
Tgt Ion:204 Resp: 195464
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 50.2 40.6 60.8



#62
4-Nitroaniline
Concen: 59.481 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:138 Resp: 81463
Ion Ratio Lower Upper
138 100
92 51.6 36.1 76.1
108 102.3 75.6 115.6



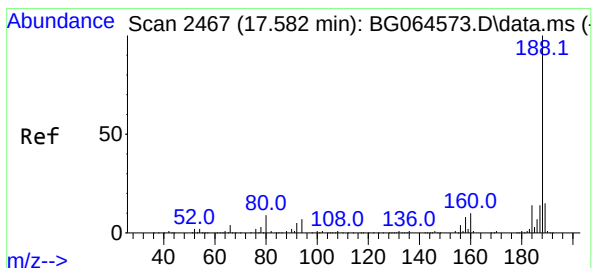
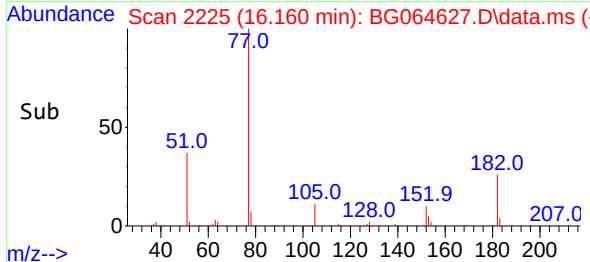
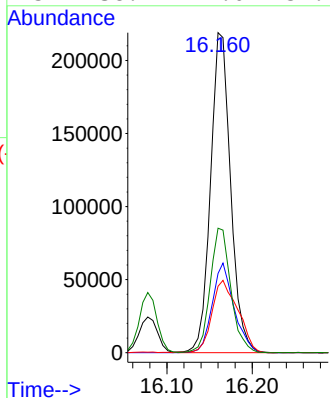
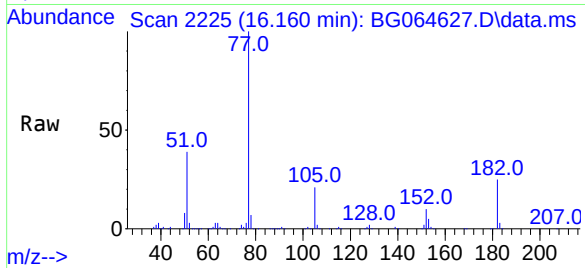


#63
Azobenzene
Concen: 53.492 ng
RT: 16.160 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion: 77 Resp: 358981

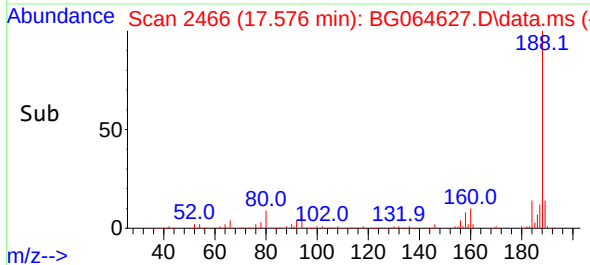
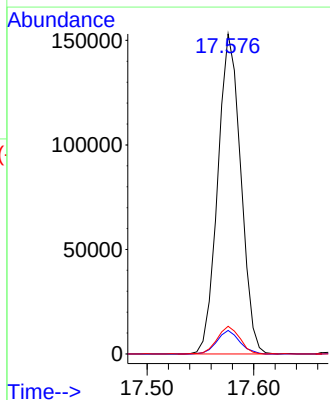
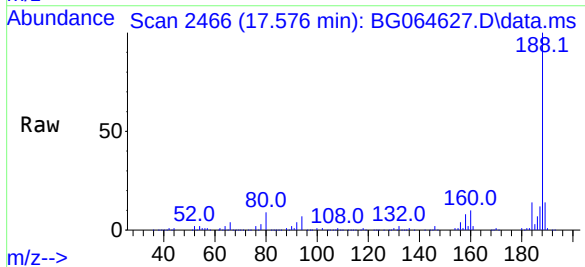
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.9	44.9
105	20.7	1.3	41.3
51	38.9	19.0	59.0

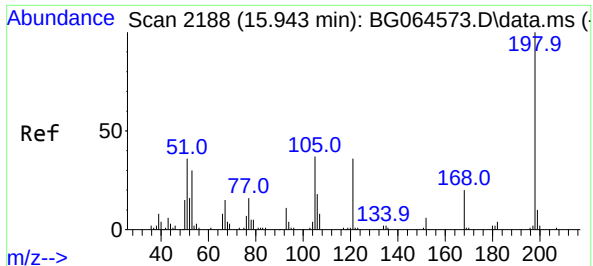


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion: 188 Resp: 229619

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.6	6.8	10.2

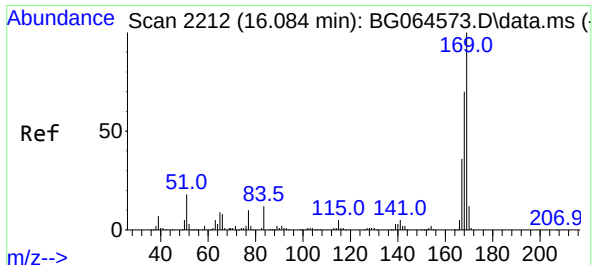
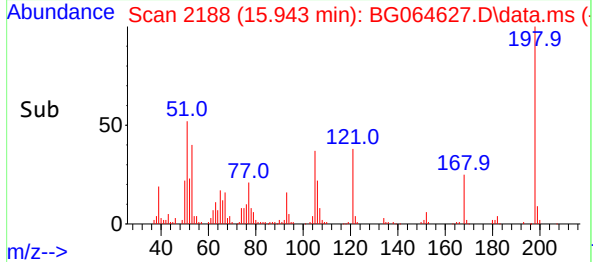
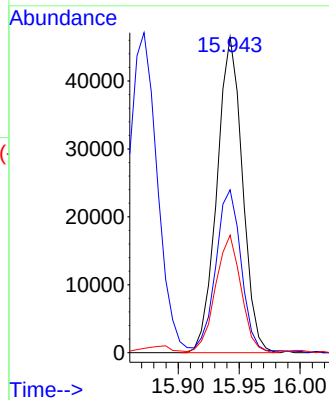
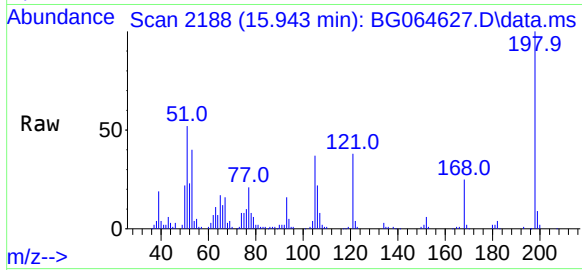




#65
4,6-Dinitro-2-methylphenol
Concen: 64.726 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

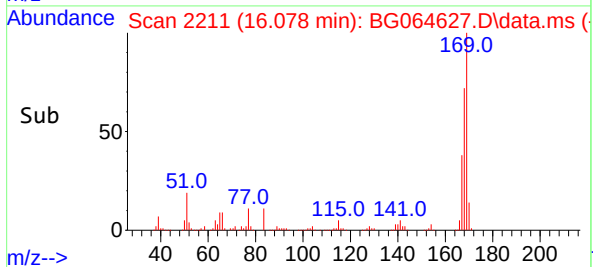
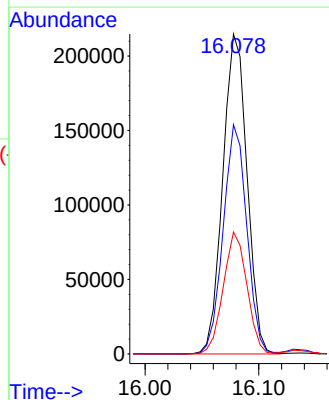
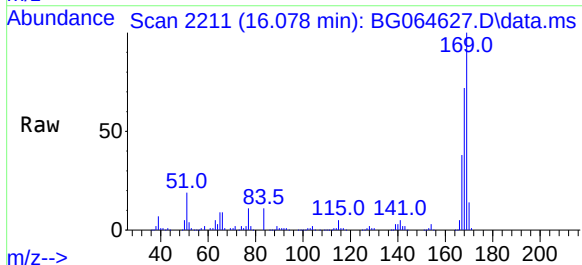
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

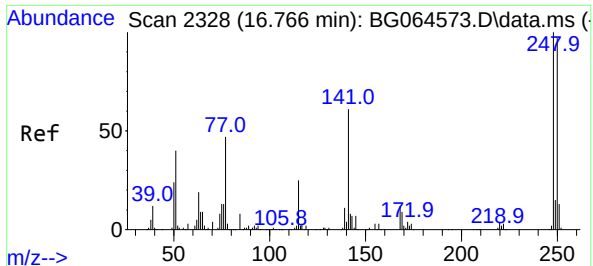
Tgt Ion:198 Resp: 67553
Ion Ratio Lower Upper
198 100
51 51.6 24.7 64.7
105 37.2 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 51.265 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:169 Resp: 317977
Ion Ratio Lower Upper
169 100
168 71.6 56.3 84.5
167 38.1 29.0 43.6

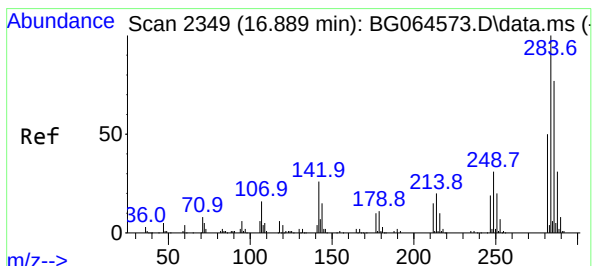
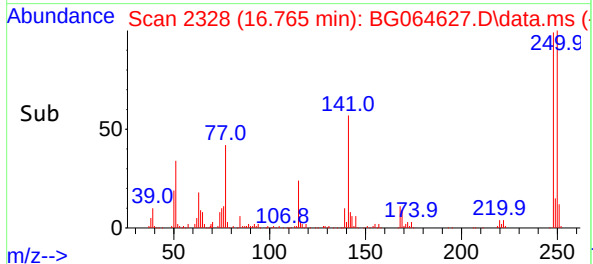
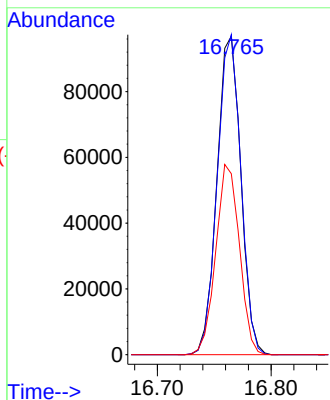
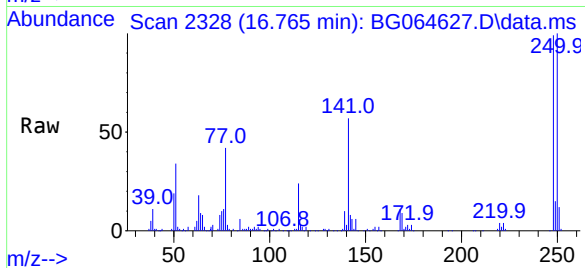




#67
4-Bromophenyl-phenylether
Concen: 52.025 ng
RT: 16.765 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

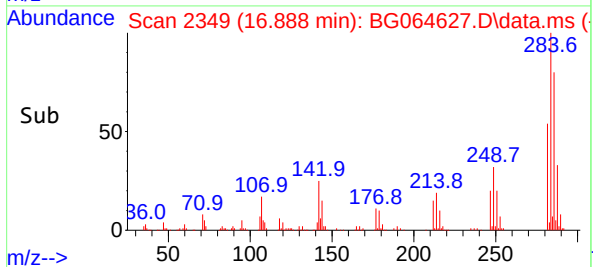
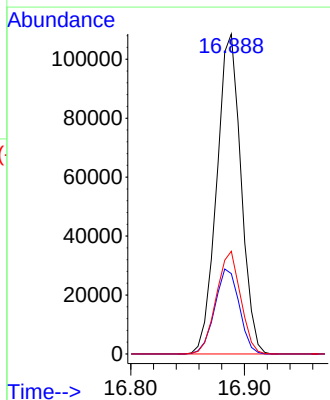
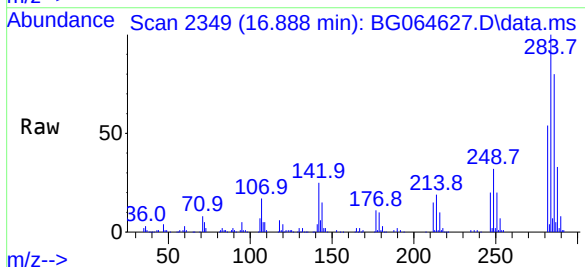
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

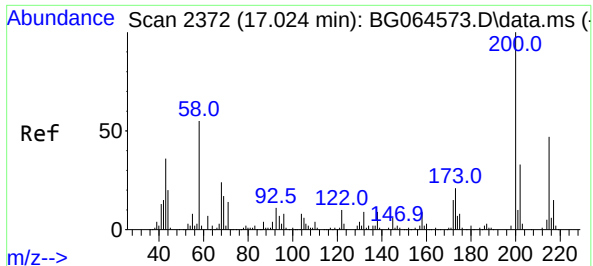
Tgt Ion:248 Resp: 141564
Ion Ratio Lower Upper
248 100
250 100.5 77.7 116.5
141 56.9 48.6 72.8



#68
Hexachlorobenzene
Concen: 51.826 ng
RT: 16.888 min Scan# 2349
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:284 Resp: 160884
Ion Ratio Lower Upper
284 100
142 25.1 21.0 31.6
249 34.2 24.9 37.3





#69

Atrazine

Concen: 55.064 ng

RT: 17.018 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

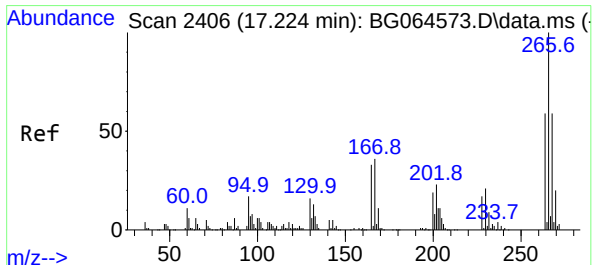
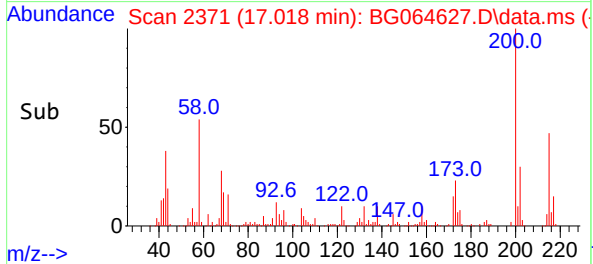
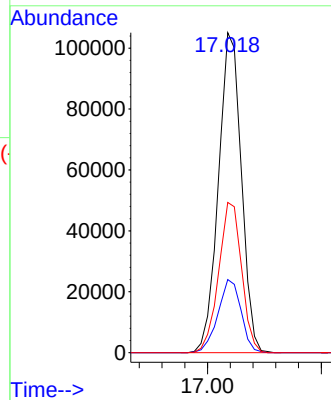
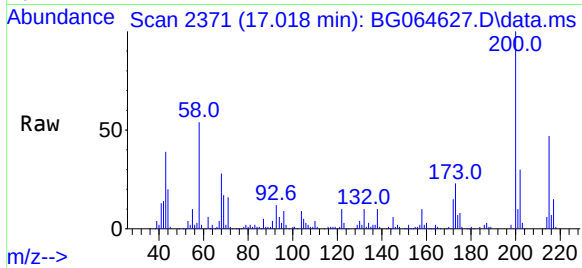
Tgt Ion:200 Resp: 146978

Ion Ratio Lower Upper

200 100

173 22.8 0.9 40.9

215 46.9 27.0 67.0



#70

Pentachlorophenol

Concen: 113.709 ng

RT: 17.223 min Scan# 2406

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

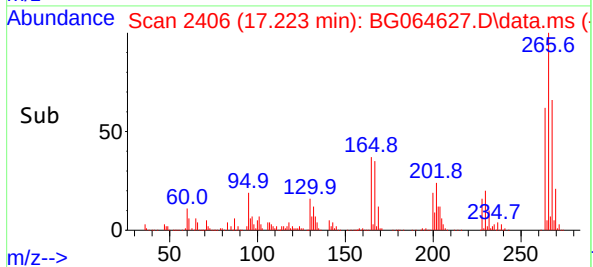
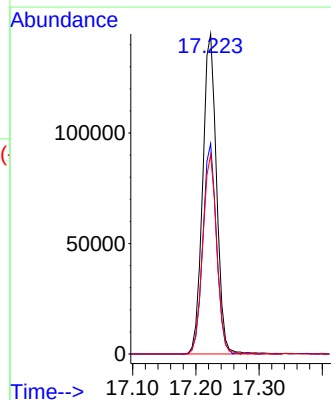
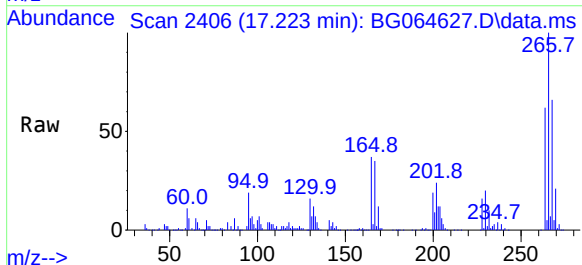
Tgt Ion:266 Resp: 220117

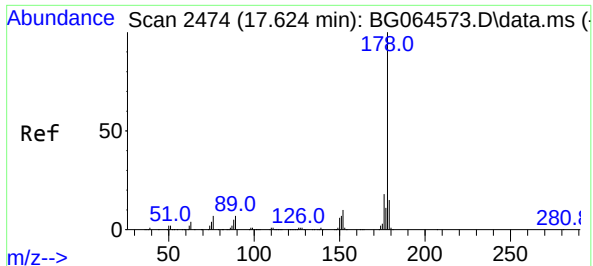
Ion Ratio Lower Upper

266 100

268 65.7 50.3 75.5

264 62.3 47.3 70.9

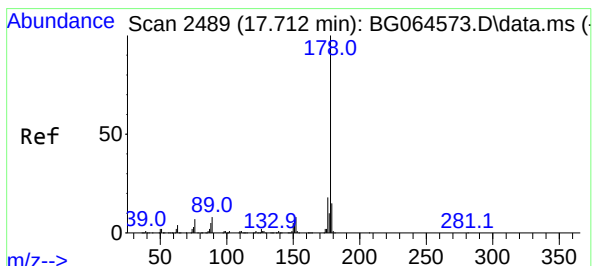
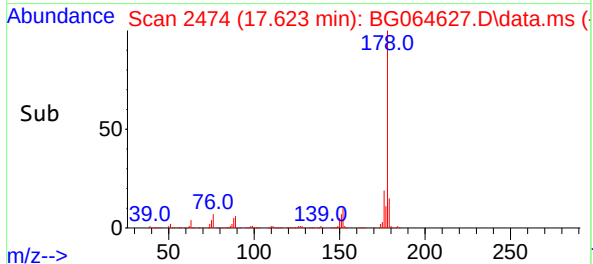
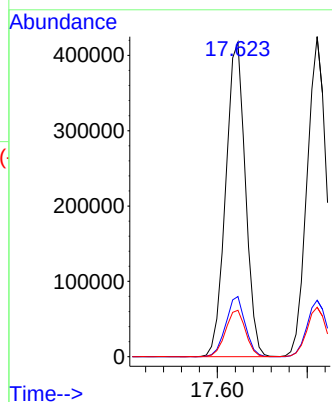
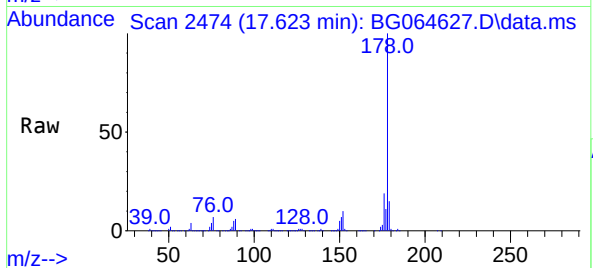




#71
Phenanthrene
Concen: 50.519 ng
RT: 17.623 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

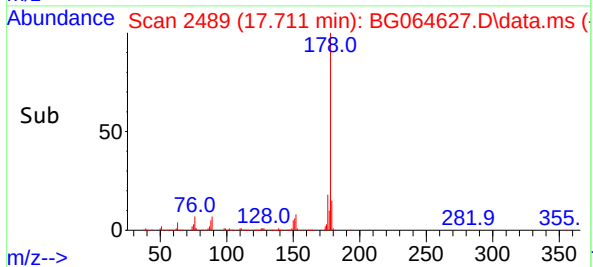
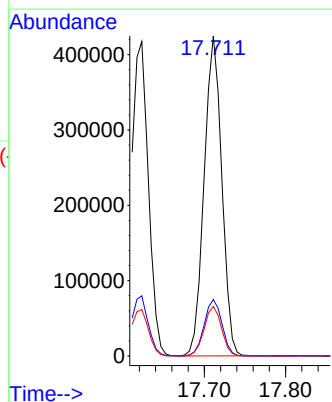
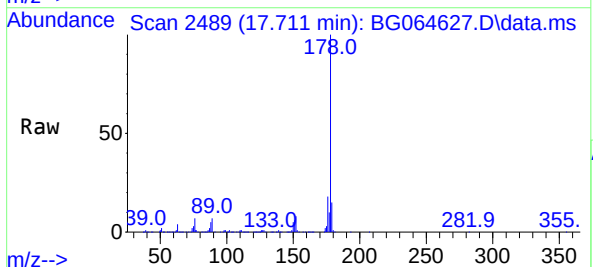
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

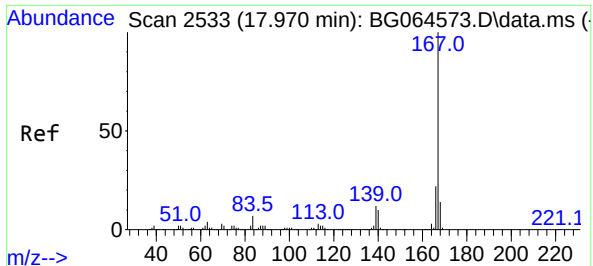
Tgt Ion:178 Resp: 634368
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 14.8 12.2 18.4



#72
Anthracene
Concen: 50.069 ng
RT: 17.711 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:178 Resp: 639545
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.4 12.4 18.6

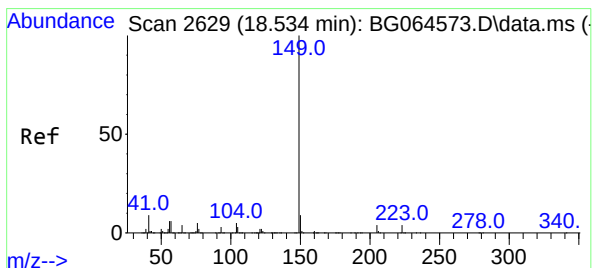
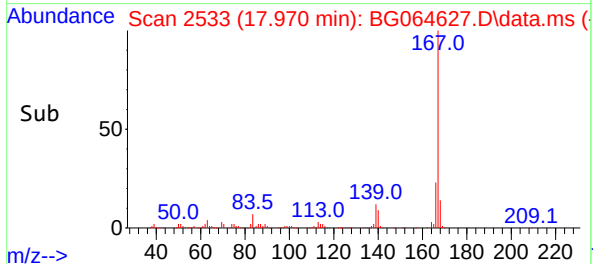
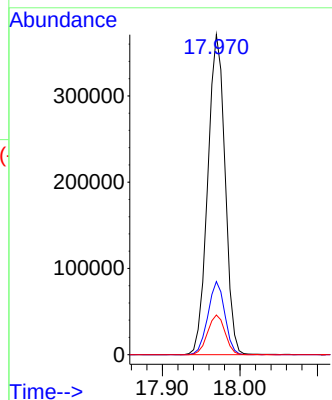
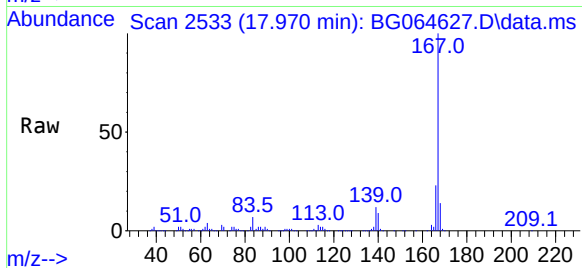




#73
Carbazole
Concen: 51.232 ng
RT: 17.970 min Scan# 2533
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

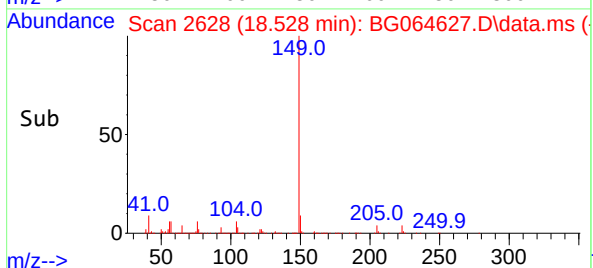
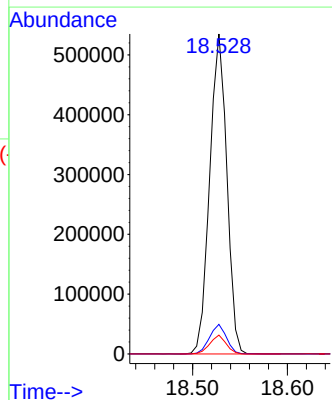
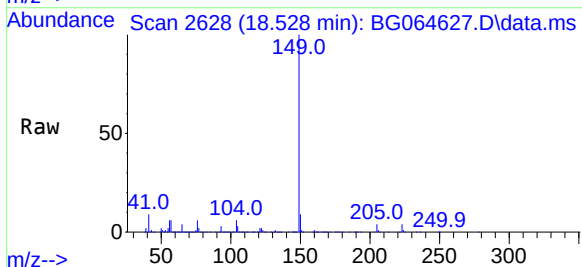
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

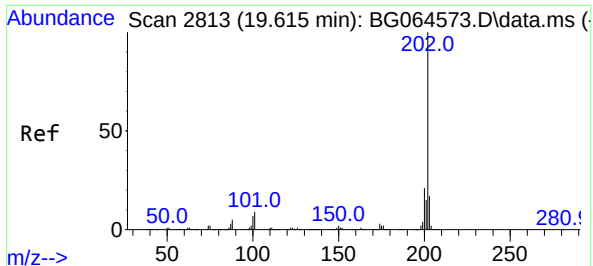
Tgt Ion:167 Resp: 577061
Ion Ratio Lower Upper
167 100
166 22.9 17.9 26.9
139 12.4 9.7 14.5



#74
Di-n-butylphthalate
Concen: 51.496 ng
RT: 18.528 min Scan# 2628
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:149 Resp: 670737
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.9 4.1 6.1

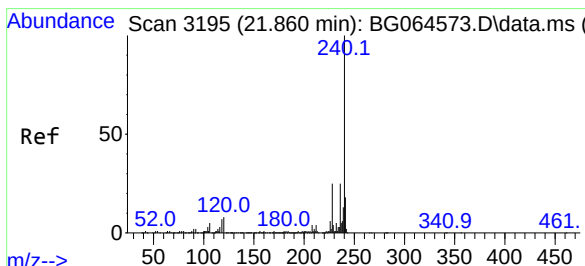
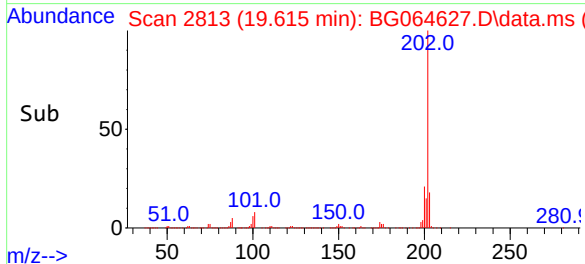
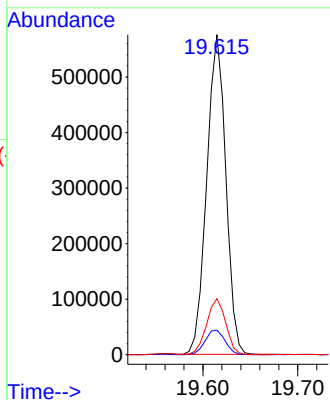
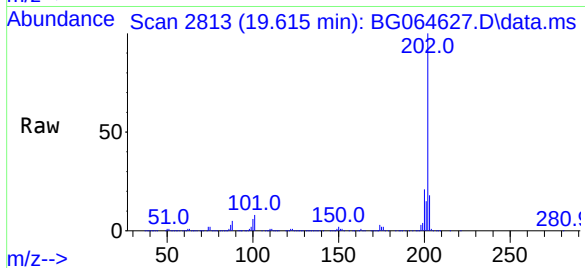




#75
Fluoranthene
Concen: 51.033 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

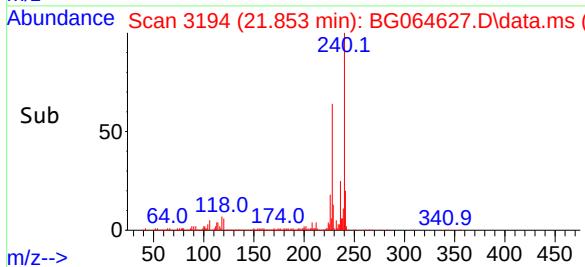
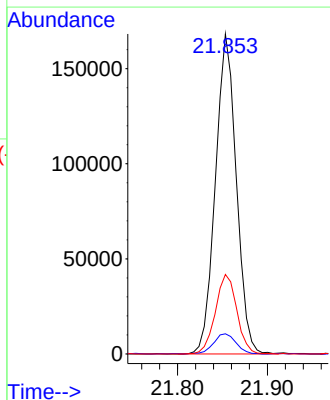
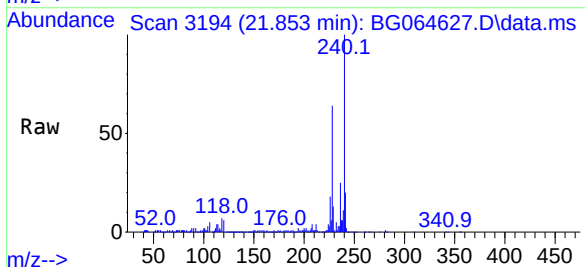
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

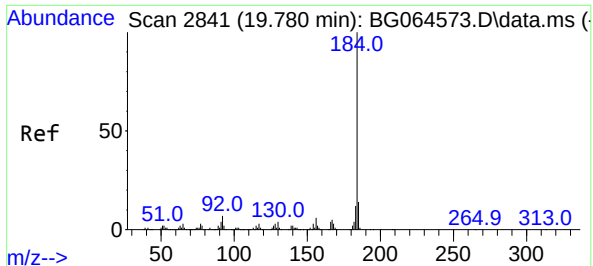
Tgt Ion:202 Resp: 802773
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.7
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:240 Resp: 271892
Ion Ratio Lower Upper
240 100
120 6.3 6.5 9.7#
236 24.8 20.2 30.2





#77

Benzidine

Concen: 41.873 ng

RT: 19.779 min Scan# 2841

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

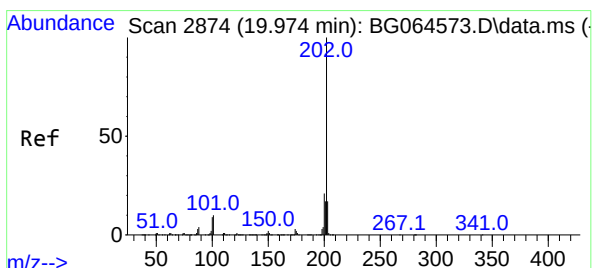
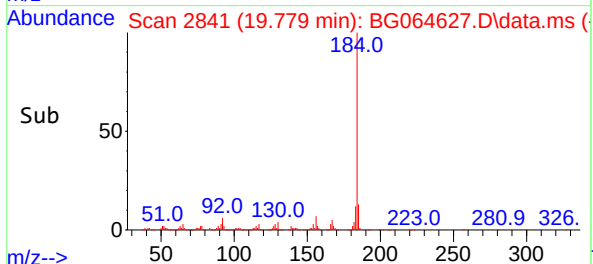
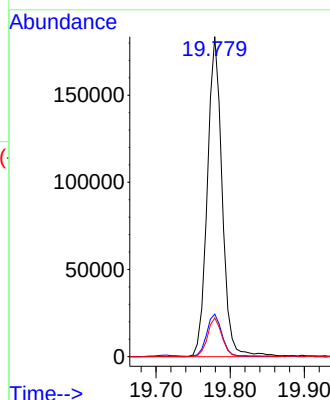
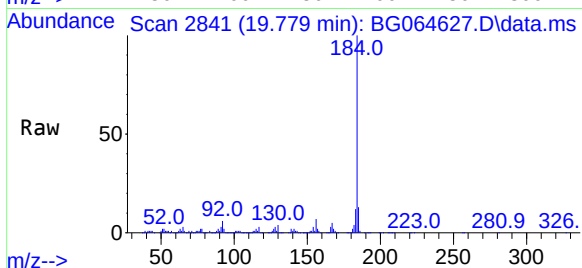
Tgt Ion:184 Resp: 255069

Ion Ratio Lower Upper

184 100

185 13.3 11.4 17.2

183 12.1 9.4 14.2



#78

Pyrene

Concen: 47.400 ng

RT: 19.973 min Scan# 2874

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

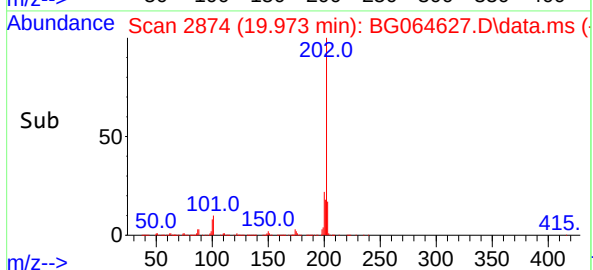
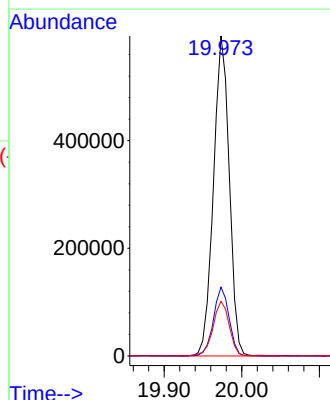
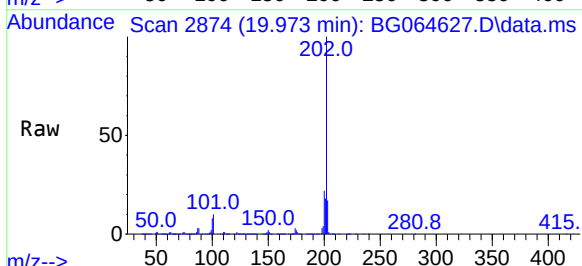
Tgt Ion:202 Resp: 842015

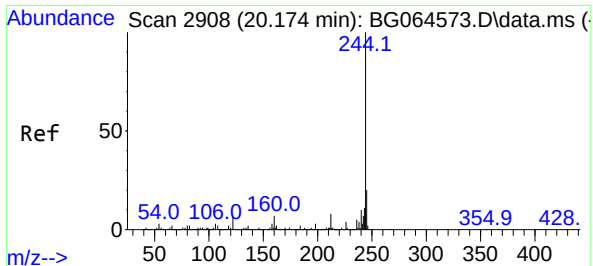
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.1 13.8 20.6

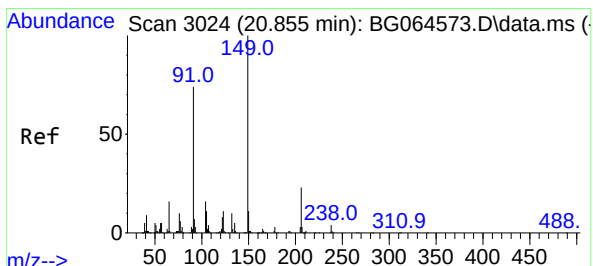
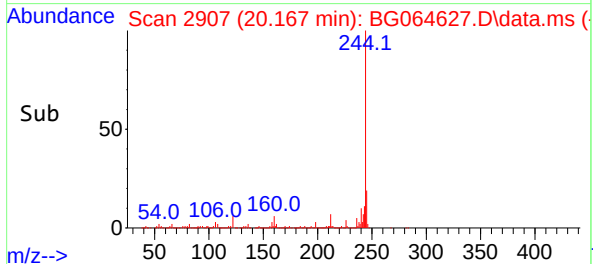
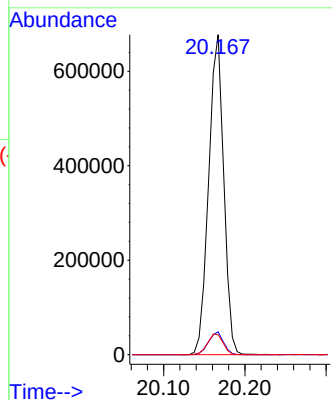
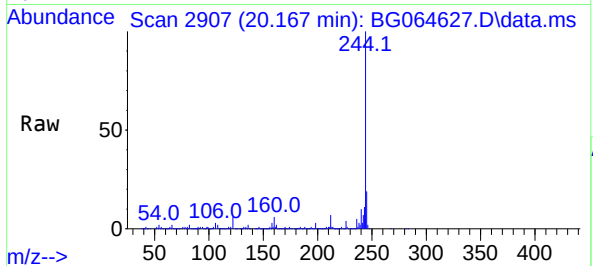




#79
Terphenyl-d14
Concen: 60.445 ng
RT: 20.167 min Scan# 2907
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

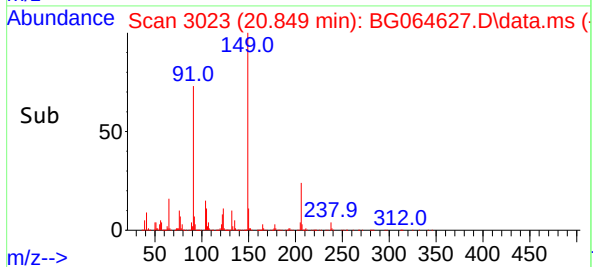
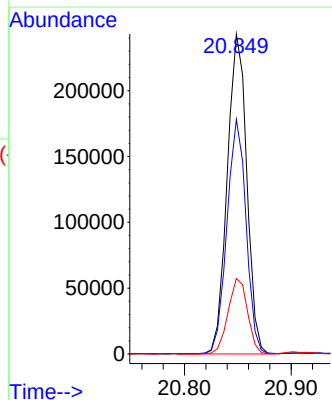
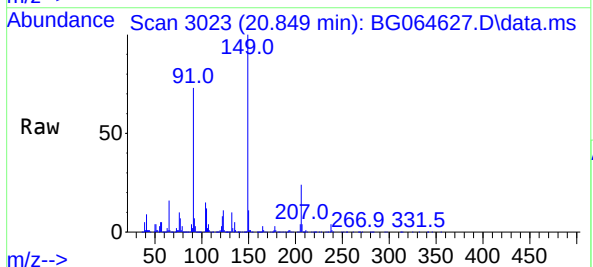
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

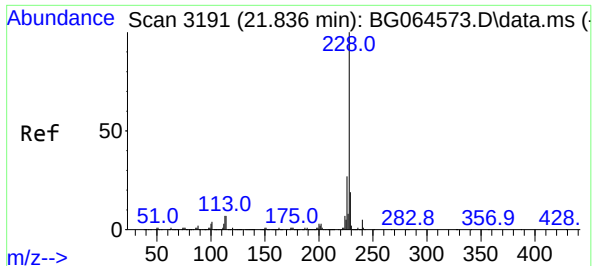
Tgt Ion:244 Resp: 870859
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 57.734 ng
RT: 20.849 min Scan# 3023
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:149 Resp: 309969
Ion Ratio Lower Upper
149 100
91 73.3 59.2 88.8
206 23.6 18.1 27.1



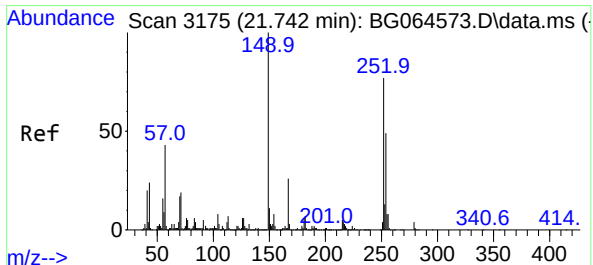
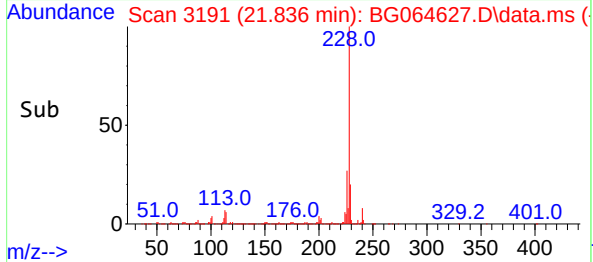
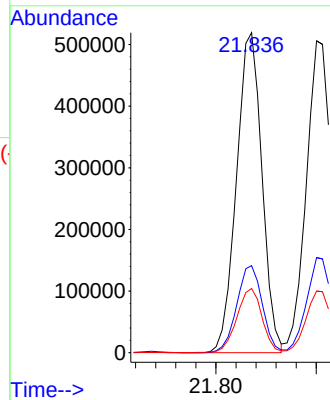
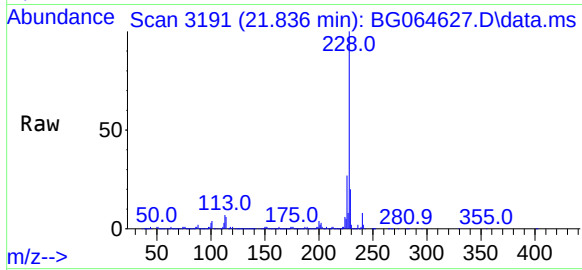


#81
Benzo(a)anthracene
Concen: 50.774 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:228 Resp: 915343

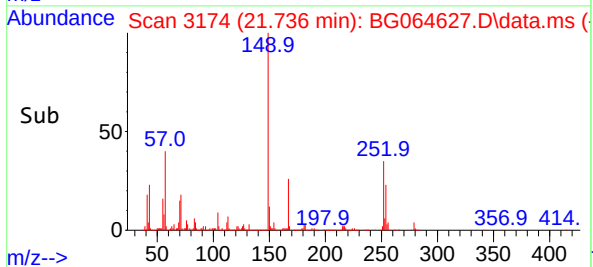
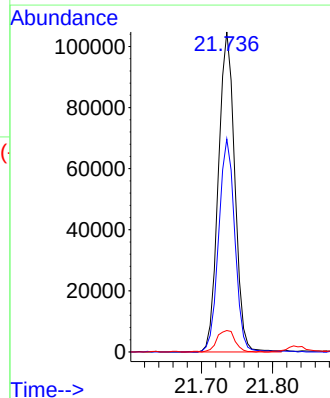
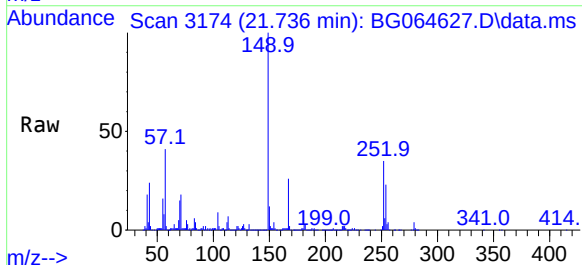
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	20.1	15.6	23.4

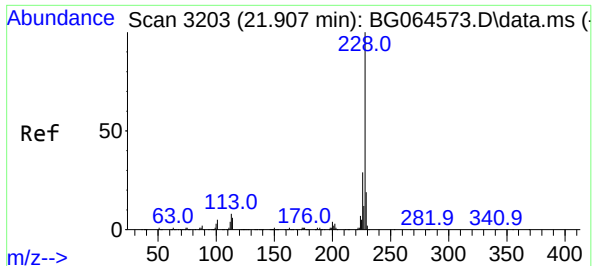


#82
3,3'-Dichlorobenzidine
Concen: 27.720 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:252 Resp: 166879

Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.7	5.8	8.6

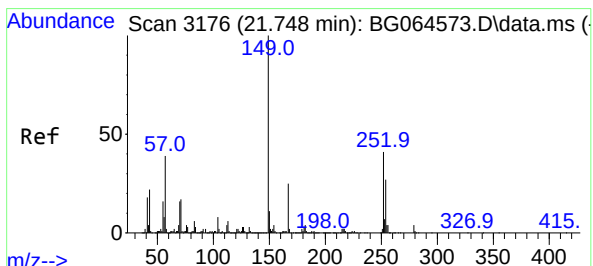
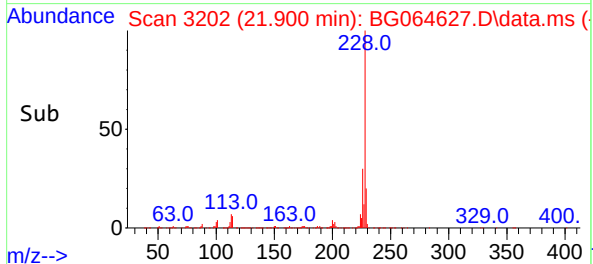
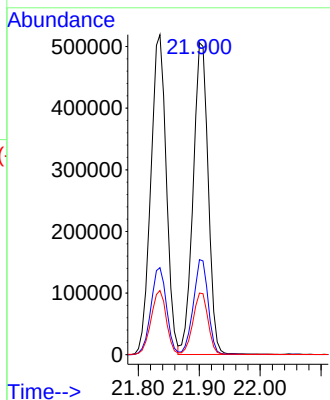
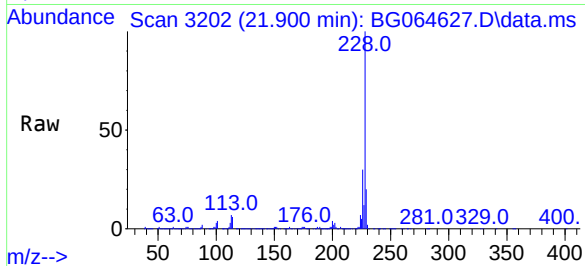




#83
Chrysene
Concen: 50.608 ng
RT: 21.900 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

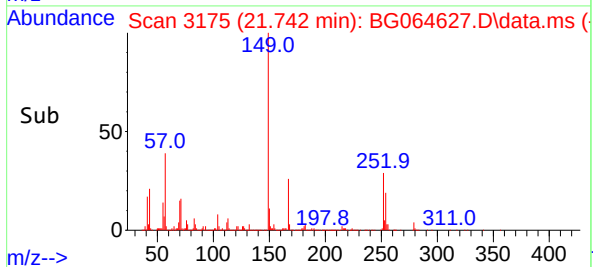
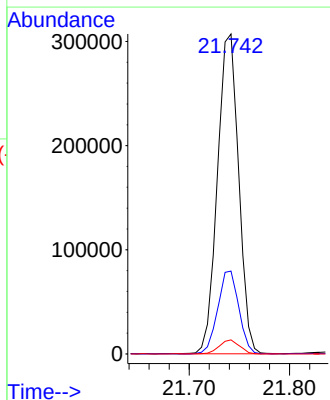
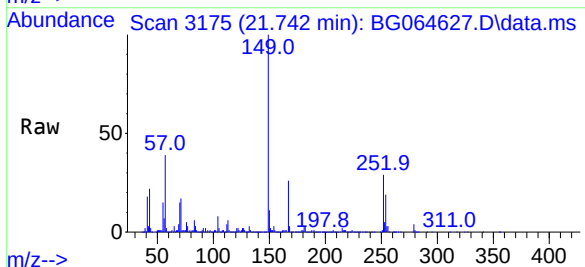
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

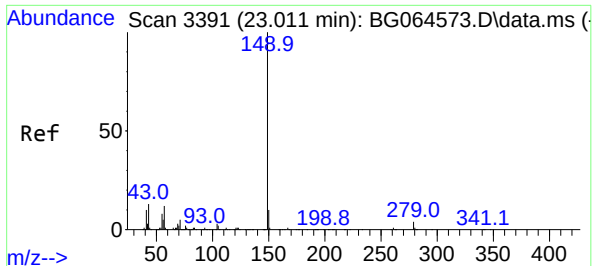
Tgt Ion:228 Resp: 868130
Ion Ratio Lower Upper
228 100
226 30.5 23.3 34.9
229 19.8 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.183 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:149 Resp: 450725
Ion Ratio Lower Upper
149 100
167 25.9 20.0 30.0
279 4.4 3.1 4.7

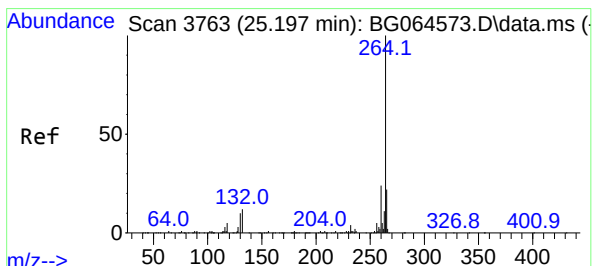
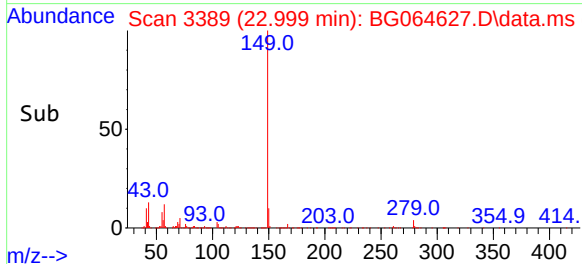
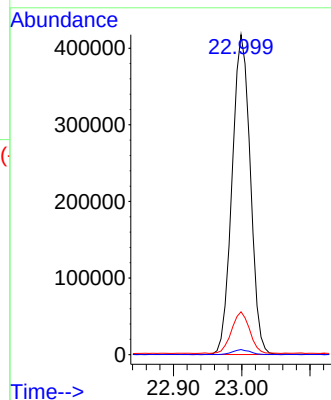
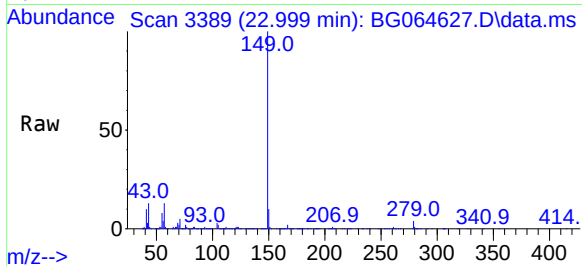




#85
Di-n-octyl phthalate
Concen: 57.277 ng
RT: 22.999 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

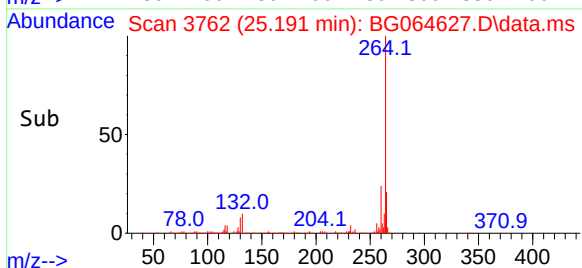
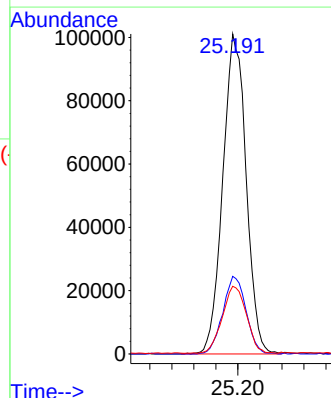
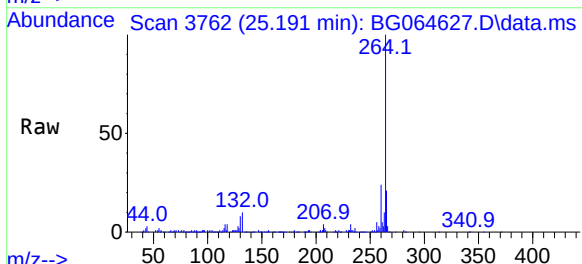
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Tgt Ion:149 Resp: 774721
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 10.8 16.2

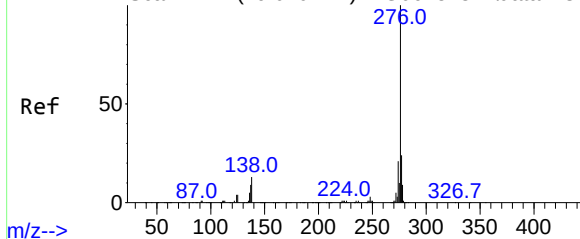


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BG064627.D
Acq: 29 Oct 2025 17:34

Tgt Ion:264 Resp: 296767
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 21.2 17.6 26.4



Abundance Scan 4417 (29.040 min): BG064573.D\data.ms (



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.200 ng

RT: 29.033 min Scan# 4417

Delta R.T. -0.028 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:276 Resp: 1117747

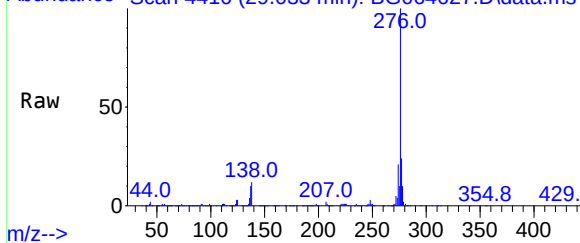
Ion Ratio Lower Upper

276 100

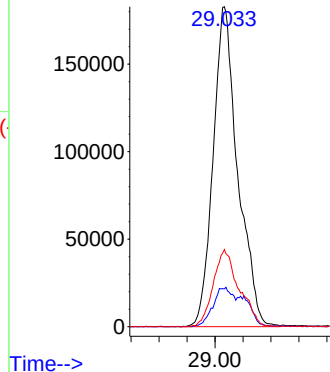
138 10.1 10.8 16.2#

277 25.3 20.1 30.1

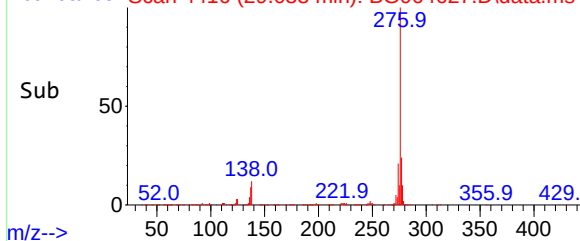
Abundance Scan 4416 (29.033 min): BG064627.D\data.ms



Abundance

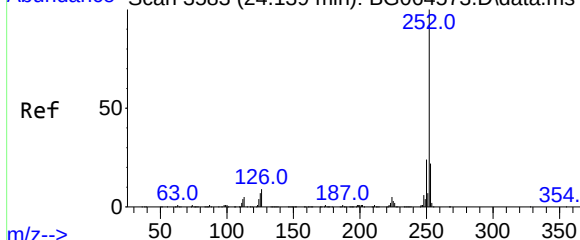


Abundance Scan 4416 (29.033 min): BG064627.D\data.ms (



Time-->

Abundance Scan 3583 (24.139 min): BG064573.D\data.ms (



#88

Benzo(b)fluoranthene

Concen: 50.237 ng

RT: 24.133 min Scan# 3582

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:252 Resp: 914206

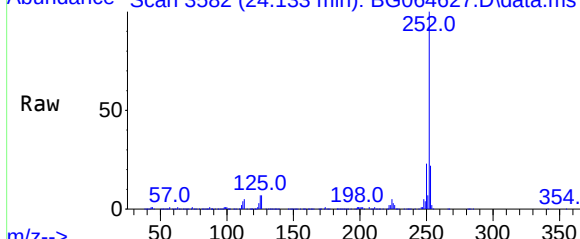
Ion Ratio Lower Upper

252 100

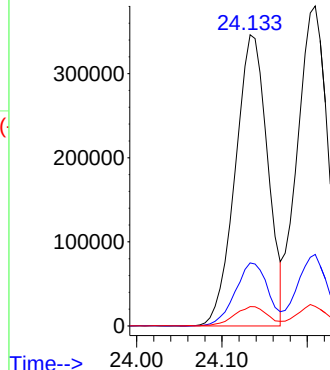
253 21.7 17.8 26.8

125 6.6 5.6 8.4

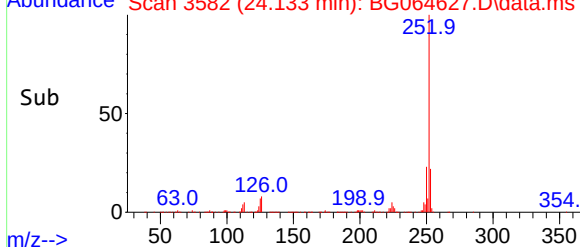
Abundance Scan 3582 (24.133 min): BG064627.D\data.ms



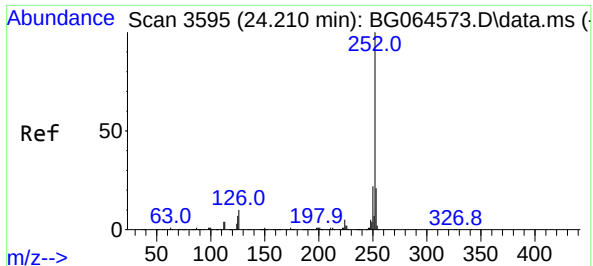
Abundance



Abundance Scan 3582 (24.133 min): BG064627.D\data.ms (



Time-->



#89

Benzo(k)fluoranthene

Concen: 51.482 ng

RT: 24.209 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

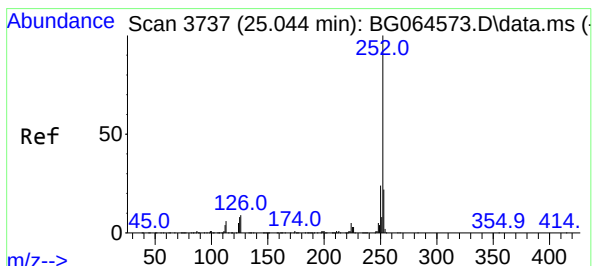
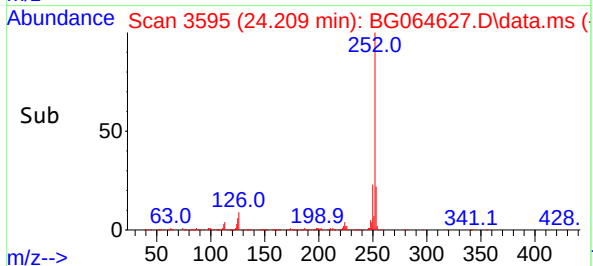
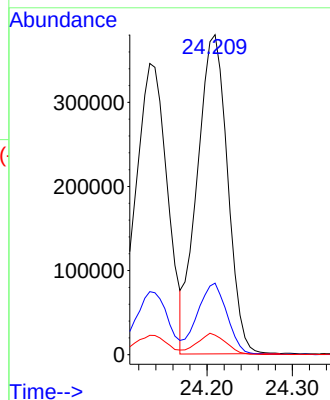
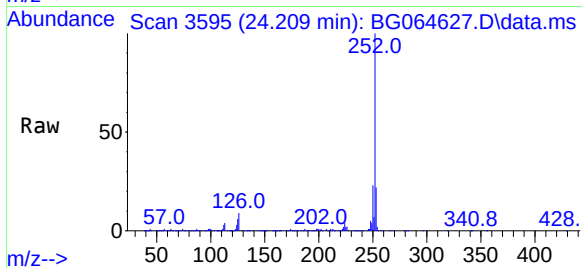
Tgt Ion:252 Resp: 937496

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 6.1 5.4 8.0



#90

Benzo(a)pyrene

Concen: 52.828 ng

RT: 25.044 min Scan# 3737

Delta R.T. -0.016 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

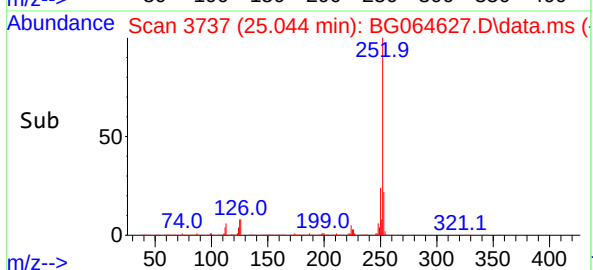
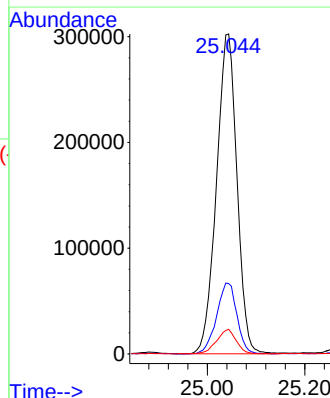
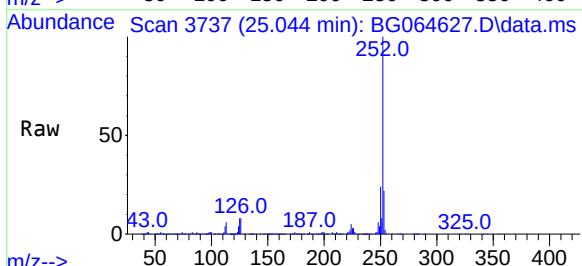
Tgt Ion:252 Resp: 883679

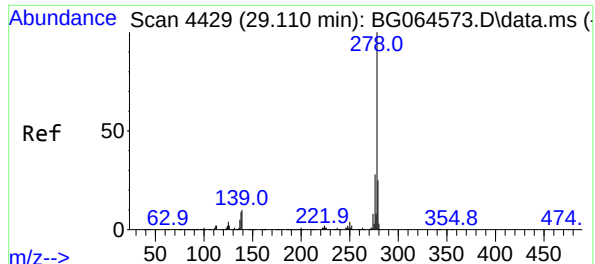
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 51.696 ng

RT: 29.109 min Scan# 4429

Delta R.T. -0.028 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

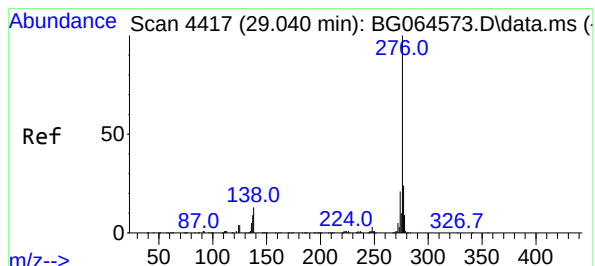
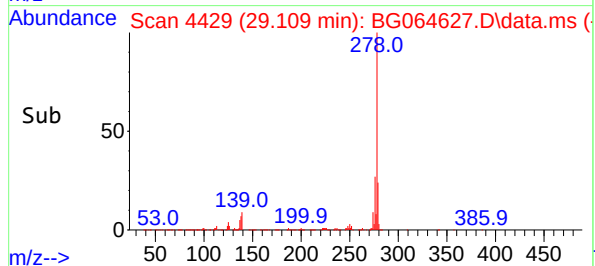
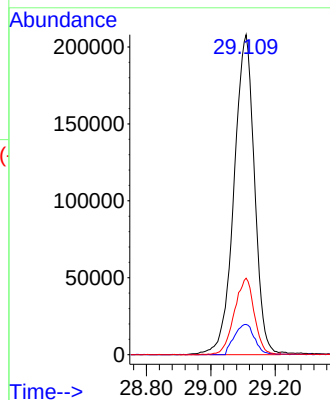
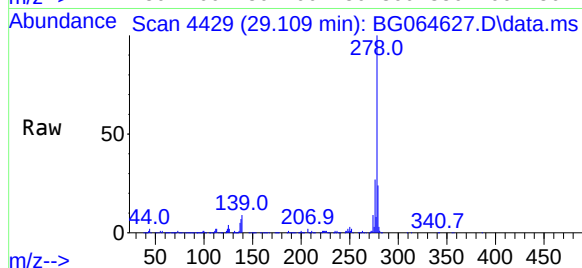
BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:278 Resp: 916893

Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.0	12.0
279	23.9	19.8	29.6



#92

Benzo(g,h,i)perylene

Concen: 51.200 ng

RT: 29.033 min Scan# 4416

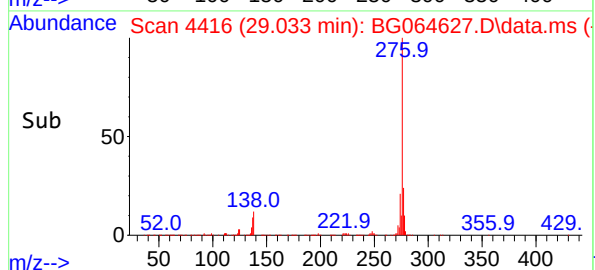
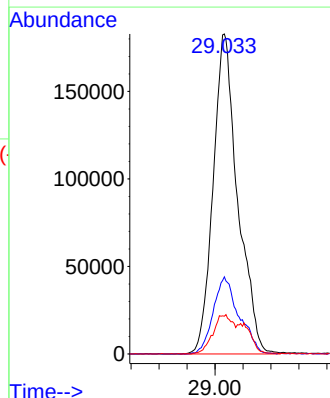
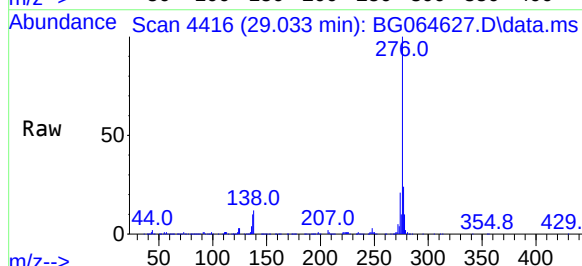
Delta R.T. -0.028 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:276 Resp: 1117747

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	11.8	10.7	16.1





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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR-132-S16-015094-20251021MSD
Lab Sample ID: Q3419-03MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3422
Matrix: SOIL
% Solid: 54.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	290	610	ug/Kg	10/29/25 18:15	PB170215
108-95-2	Phenol	2900		1	40.6	310	ug/Kg	10/29/25 18:15	PB170215
111-44-4	bis(2-Chloroethyl)ether	1900		1	44.6	310	ug/Kg	10/29/25 18:15	PB170215
95-57-8	2-Chlorophenol	3000		1	44.8	310	ug/Kg	10/29/25 18:15	PB170215
95-48-7	2-Methylphenol	2900		1	54.9	310	ug/Kg	10/29/25 18:15	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2700		1	68.8	310	ug/Kg	10/29/25 18:15	PB170215
98-86-2	Acetophenone	3100		1	54.1	310	ug/Kg	10/29/25 18:15	PB170215
65794-96-9	3+4-Methylphenols	2900		1	75.4	610	ug/Kg	10/29/25 18:15	PB170215
621-64-7	n-Nitroso-di-n-propylamine	2700		1	87.0	150	ug/Kg	10/29/25 18:15	PB170215
67-72-1	Hexachloroethane	3000		1	32.3	310	ug/Kg	10/29/25 18:15	PB170215
98-95-3	Nitrobenzene	3300		1	33.6	310	ug/Kg	10/29/25 18:15	PB170215
78-59-1	Isophorone	2800		1	60.2	310	ug/Kg	10/29/25 18:15	PB170215
88-75-5	2-Nitrophenol	3800		1	110	310	ug/Kg	10/29/25 18:15	PB170215
105-67-9	2,4-Dimethylphenol	3300		1	120	310	ug/Kg	10/29/25 18:15	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2800		1	56.5	310	ug/Kg	10/29/25 18:15	PB170215
120-83-2	2,4-Dichlorophenol	3300		1	51.9	310	ug/Kg	10/29/25 18:15	PB170215
91-20-3	Naphthalene	2900		1	41.7	310	ug/Kg	10/29/25 18:15	PB170215
106-47-8	4-Chloroaniline	1200		1	65.0	310	ug/Kg	10/29/25 18:15	PB170215
87-68-3	Hexachlorobutadiene	3100		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
105-60-2	Caprolactam	2800		1	95.6	610	ug/Kg	10/29/25 18:15	PB170215
59-50-7	4-Chloro-3-methylphenol	3100		1	52.7	310	ug/Kg	10/29/25 18:15	PB170215
91-57-6	2-Methylnaphthalene	2700		1	47.0	310	ug/Kg	10/29/25 18:15	PB170215
77-47-4	Hexachlorocyclopentadiene	8900	E	1	210	610	ug/Kg	10/29/25 18:15	PB170215
88-06-2	2,4,6-Trichlorophenol	3500		1	36.3	310	ug/Kg	10/29/25 18:15	PB170215
95-95-4	2,4,5-Trichlorophenol	3400		1	53.4	310	ug/Kg	10/29/25 18:15	PB170215
92-52-4	1,1-Biphenyl	3300		1	40.0	310	ug/Kg	10/29/25 18:15	PB170215
91-58-7	2-Chloronaphthalene	3000		1	41.3	310	ug/Kg	10/29/25 18:15	PB170215
88-74-4	2-Nitroaniline	3300		1	88.3	310	ug/Kg	10/29/25 18:15	PB170215
131-11-3	Dimethylphthalate	2900		1	49.7	310	ug/Kg	10/29/25 18:15	PB170215
208-96-8	Acenaphthylene	3300		1	53.0	310	ug/Kg	10/29/25 18:15	PB170215
606-20-2	2,6-Dinitrotoluene	3600		1	61.7	310	ug/Kg	10/29/25 18:15	PB170215
99-09-2	3-Nitroaniline	2400		1	84.4	310	ug/Kg	10/29/25 18:15	PB170215
83-32-9	Acenaphthene	3400		1	39.1	310	ug/Kg	10/29/25 18:15	PB170215
51-28-5	2,4-Dinitrophenol	7800	E	1	420	610	ug/Kg	10/29/25 18:15	PB170215
100-02-7	4-Nitrophenol	6900	E	1	200	610	ug/Kg	10/29/25 18:15	PB170215
132-64-9	Dibenzofuran	2900		1	41.7	310	ug/Kg	10/29/25 18:15	PB170215
121-14-2	2,4-Dinitrotoluene	3300		1	91.9	310	ug/Kg	10/29/25 18:15	PB170215
84-66-2	Diethylphthalate	2900		1	51.9	310	ug/Kg	10/29/25 18:15	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3000		1	49.0	310	ug/Kg	10/29/25 18:15	PB170215
86-73-7	Fluorene	3000		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
100-01-6	4-Nitroaniline	3500		1	120	310	ug/Kg	10/29/25 18:15	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	3900		1	190	610	ug/Kg	10/29/25 18:15	PB170215



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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR-132-S16-015094-20251021MSD
Lab Sample ID: Q3419-03MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3422
Matrix: SOIL
% Solid: 54.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3100		1	60.4	310	ug/Kg	10/29/25 18:15	PB170215
101-55-3	4-Bromophenyl-phenylether	3000		1	51.0	310	ug/Kg	10/29/25 18:15	PB170215
118-74-1	Hexachlorobenzene	3100		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
1912-24-9	Atrazine	3300		1	62.4	310	ug/Kg	10/29/25 18:15	PB170215
87-86-5	Pentachlorophenol	6800	E	1	94.1	610	ug/Kg	10/29/25 18:15	PB170215
85-01-8	Phenanthrene	3000		1	38.4	310	ug/Kg	10/29/25 18:15	PB170215
120-12-7	Anthracene	2900		1	61.1	310	ug/Kg	10/29/25 18:15	PB170215
86-74-8	Carbazole	3000		1	57.3	310	ug/Kg	10/29/25 18:15	PB170215
84-74-2	Di-n-butylphthalate	3100		1	87.9	310	ug/Kg	10/29/25 18:15	PB170215
206-44-0	Fluoranthene	3100		1	55.1	310	ug/Kg	10/29/25 18:15	PB170215
129-00-0	Pyrene	2700		1	66.1	310	ug/Kg	10/29/25 18:15	PB170215
85-68-7	Butylbenzylphthalate	3400		1	130	310	ug/Kg	10/29/25 18:15	PB170215
91-94-1	3,3-Dichlorobenzidine	1700		1	67.4	610	ug/Kg	10/29/25 18:15	PB170215
56-55-3	Benzo(a)anthracene	3000		1	42.2	310	ug/Kg	10/29/25 18:15	PB170215
218-01-9	Chrysene	2900		1	36.5	310	ug/Kg	10/29/25 18:15	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3400		1	110	310	ug/Kg	10/29/25 18:15	PB170215
117-84-0	Di-n-octyl phthalate	3300		1	160	610	ug/Kg	10/29/25 18:15	PB170215
205-99-2	Benzo(b)fluoranthene	3000		1	34.9	310	ug/Kg	10/29/25 18:15	PB170215
207-08-9	Benzo(k)fluoranthene	3000		1	41.1	310	ug/Kg	10/29/25 18:15	PB170215
50-32-8	Benzo(a)pyrene	3100		1	54.1	310	ug/Kg	10/29/25 18:15	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	3000		1	53.4	310	ug/Kg	10/29/25 18:15	PB170215
53-70-3	Dibenzo(a,h)anthracene	3000		1	50.3	310	ug/Kg	10/29/25 18:15	PB170215
191-24-2	Benzo(g,h,i)perylene	3000		1	47.2	310	ug/Kg	10/29/25 18:15	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	3400		1	47.0	310	ug/Kg	10/29/25 18:15	PB170215
123-91-1	1,4-Dioxane	2300		1	83.0	310	ug/Kg	10/29/25 18:15	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3600		1	50.3	310	ug/Kg	10/29/25 18:15	PB170215

SURROGATES

367-12-4	2-Fluorophenol	92.9			18 - 112	62%	SPK: 150
13127-88-3	Phenol-d6	92.6			15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.9			18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.4			20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118			10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	57.1			10 - 105	57%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	31800
1146-65-2	Naphthalene-d8	125000
15067-26-2	Acenaphthene-d10	95000
1517-22-2	Phenanthrene-d10	231000
1719-03-5	Chrysene-d12	282000
1520-96-3	Perylene-d12	309000



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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MSD	SDG No.:	Q3422
Lab Sample ID:	Q3419-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	54.4
Sample Wt/Vol:	30.05 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064628.D
 Acq On : 29 Oct 2025 18:15
 Operator : RC/JU
 Sample : Q3419-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	31803	20.000	ng	0.00
21) Naphthalene-d8	11.040	136	124534	20.000	ng	-0.01
39) Acenaphthene-d10	14.842	164	94989	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	230638	20.000	ng	0.00
76) Chrysene-d12	21.851	240	282250	20.000	ng	-0.01
86) Perylene-d12	25.189	264	308600	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	176100	92.942	ng	0.00
7) Phenol-d6	7.351	99	240854	92.637	ng	0.00
23) Nitrobenzene-d5	9.378	82	155218	74.861	ng	-0.01
42) 2,4,6-Tribromophenol	16.317	330	162190	118.302	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	366213	58.437	ng	-0.01
79) Terphenyl-d14	20.165	244	853453	57.063	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.579	88	31292	37.303	ng	94
3) Pyridine	3.990	79	91183	36.197	ng	99
4) n-Nitrosodimethylamine	3.896	42	64553	47.785	ng	95
6) Aniline	7.527	93	107880	30.493	ng	98
8) 2-Chlorophenol	7.774	128	98657	49.746	ng	100
9) Benzaldehyde	7.339	77	47639	33.562	ng	94
10) Phenol	7.380	94	134929	46.926	ng	97
11) bis(2-Chloroethyl)ether	7.527	93	107880	30.493	ng	98
12) 1,3-Dichlorobenzene	8.109	146	105133	46.058	ng	95
13) 1,4-Dichlorobenzene	8.250	146	106063	45.698	ng	95
14) 1,2-Dichlorobenzene	8.573	146	107759	48.136	ng	98
15) Benzyl Alcohol	8.444	79	100962	47.091	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.743	45	240700	43.406	ng	99
17) 2-Methylphenol	8.444	107	50526	47.146	ng	88
18) Hexachloroethane	9.319	117	40307	49.488	ng	96
19) n-Nitroso-di-n-propyla...	9.019	70	80697	44.910	ng	98
20) 3+4-Methylphenols	8.972	107	125897	46.893	ng	98
22) Acetophenone	9.037	105	172795	50.758	ng	# 96
24) Nitrobenzene	9.425	77	122938	54.514	ng	99
25) Isophorone	9.954	82	230244	46.278	ng	100
26) 2-Nitrophenol	10.142	139	54798	62.001	ng	# 90
27) 2,4-Dimethylphenol	10.194	122	102164	54.121	ng	95
28) bis(2-Chloroethoxy)met...	10.429	93	131967	46.587	ng	99
29) 2,4-Dichlorophenol	10.676	162	105842	53.143	ng	99
30) 1,2,4-Trichlorobenzene	10.899	180	119635	52.868	ng	97
31) Naphthalene	11.093	128	325077	47.081	ng	99
32) Benzoic acid	10.318	122	89736	63.358	ng	92
33) 4-Chloroaniline	11.187	127	54442	20.286	ng	96
34) Hexachlorobutadiene	11.387	225	89857	50.775	ng	98
35) Caprolactam	11.945	113	35513m	46.490	ng	
36) 4-Chloro-3-methylphenol	12.292	107	122597	51.210	ng	98
37) 2-Methylnaphthalene	12.686	142	219604	43.321	ng	98
38) 1-Methylnaphthalene	12.903	142	228542	45.818	ng	96
40) 1,2,4,5-Tetrachloroben...	13.050	216	178313	55.934	ng	99
41) Hexachlorocyclopentadiene	13.032	237	208614	145.386	ng	98
43) 2,4,6-Trichlorophenol	13.279	196	103636	56.833	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064628.D
 Acq On : 29 Oct 2025 18:15
 Operator : RC/JU
 Sample : Q3419-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

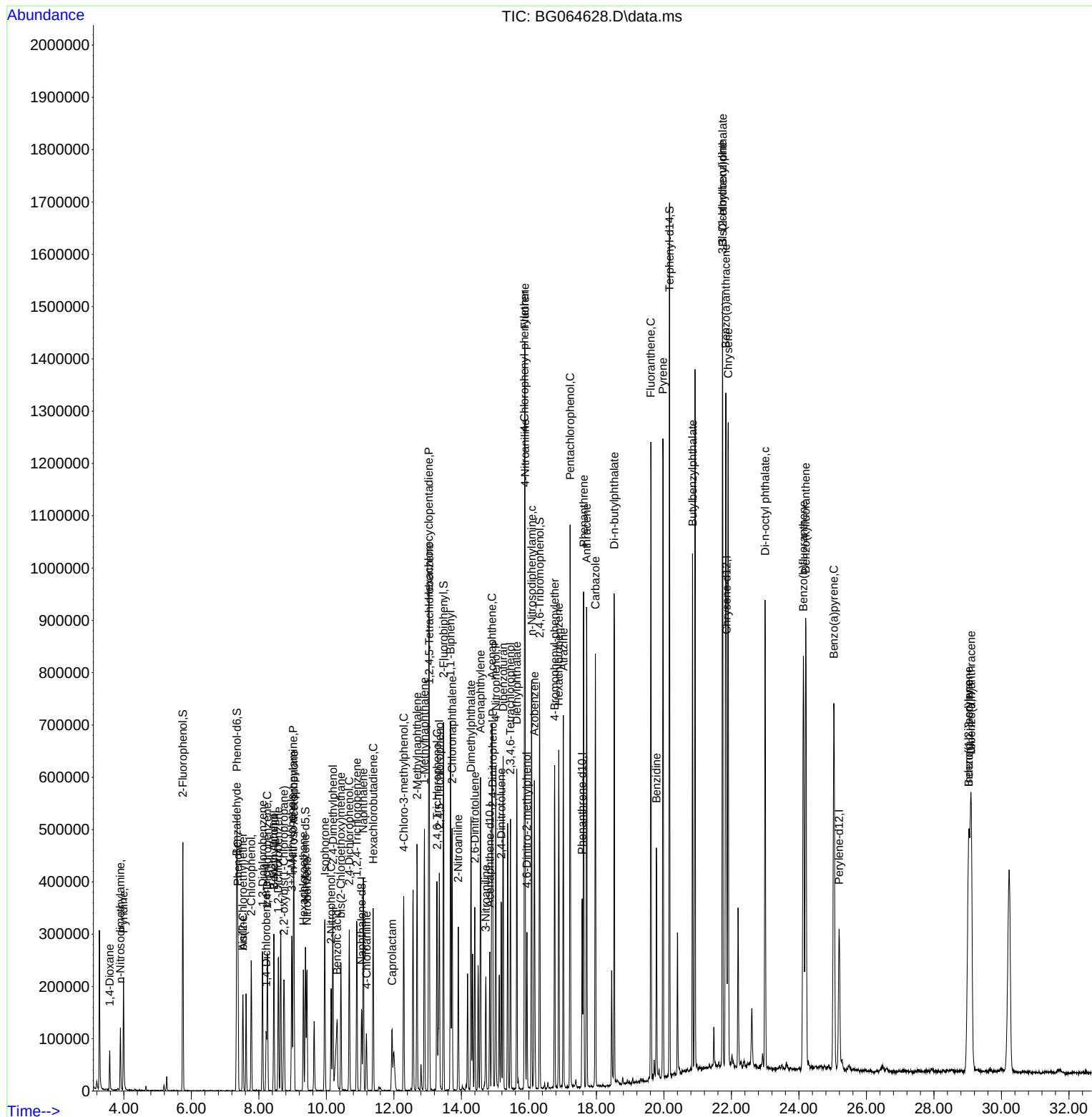
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	115660	54.963	ng	96
46) 1,1'-Biphenyl	13.679	154	365386	54.107	ng	97
47) 2-Chloronaphthalene	13.726	162	249530	48.952	ng	98
48) 2-Nitroaniline	13.908	65	93564	54.228	ng	94
49) Acenaphthylene	14.566	152	439745	54.693	ng	99
50) Dimethylphthalate	14.284	163	347153	47.761	ng	99
51) 2,6-Dinitrotoluene	14.395	165	70596	58.141	ng	99
52) Acenaphthene	14.907	154	301997	54.976	ng	98
53) 3-Nitroaniline	14.724	138	48285	38.655	ng	96
54) 2,4-Dinitrophenol	14.930	184	96369	127.399	ng	# 39
55) Dibenzofuran	15.236	168	423783	47.718	ng	97
56) 4-Nitrophenol	15.018	139	131383	113.444	ng	91
57) 2,4-Dinitrotoluene	15.183	165	102203	54.664	ng	# 97
58) Fluorene	15.882	166	334548	48.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	117236	58.261	ng	99
60) Diethylphthalate	15.641	149	350180	47.184	ng	99
61) 4-Chlorophenyl-phenyle...	15.870	204	189500	48.686	ng	98
62) 4-Nitroaniline	15.888	138	78479	56.473	ng	95
63) Azobenzene	16.164	77	349461	51.319	ng	99
65) 4,6-Dinitro-2-methylph...	15.941	198	67333	64.272	ng	91
66) n-Nitrosodiphenylamine	16.082	169	311250	49.959	ng	98
67) 4-Bromophenyl-phenylether	16.763	248	136215	49.838	ng	98
68) Hexachlorobenzene	16.887	284	156412	50.163	ng	99
69) Atrazine	17.022	200	143329	53.460	ng	97
70) Pentachlorophenol	17.221	266	215900	111.038	ng	96
71) Phenanthrene	17.621	178	614558	48.725	ng	99
72) Anthracene	17.709	178	618291	48.191	ng	100
73) Carbazole	17.968	167	555268	49.079	ng	99
74) Di-n-butylphthalate	18.526	149	660445	50.481	ng	99
75) Fluoranthene	19.613	202	798695	50.549	ng	98
77) Benzidine	19.777	184	266267	42.107	ng	99
78) Pyrene	19.971	202	826087	44.797	ng	99
80) Butylbenzylphthalate	20.852	149	307248	55.127	ng	95
81) Benzo(a)anthracene	21.834	228	915839	48.937	ng	99
82) 3,3'-Dichlorobenzidine	21.734	252	172028	27.527	ng	99
83) Chrysene	21.904	228	856872	48.119	ng	98
84) Bis(2-ethylhexyl)phtha...	21.740	149	456370	54.799	ng	99
85) Di-n-octyl phthalate	22.997	149	762527	54.307	ng	99
87) Indeno(1,2,3-cd)pyrene	29.031	276	1124787	49.546	ng	# 97
88) Benzo(b)fluoranthene	24.131	252	922791	48.765	ng	99
89) Benzo(k)fluoranthene	24.202	252	941575	49.723	ng	98
90) Benzo(a)pyrene	25.036	252	881844	50.697	ng	99
91) Dibenzo(a,h)anthracene	29.102	278	919177	49.838	ng	97
92) Benzo(g,h,i)perylene	29.031	276	1124787	49.546	ng	98

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

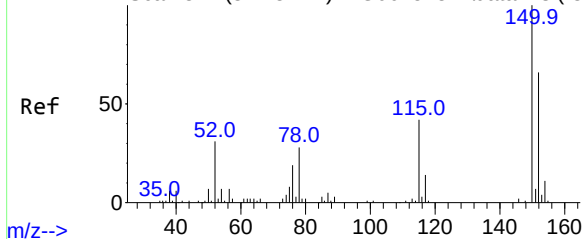
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Data File : BG064628.D
Acq On : 29 Oct 2025 18:15
Operator : RC/JU
Sample : Q3419-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Quant Time: Oct 30 04:57:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



Abundance Scan 874 (8.223 min): BG064573.D\data.ms (-86)

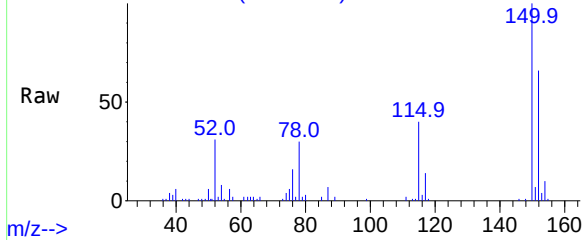


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

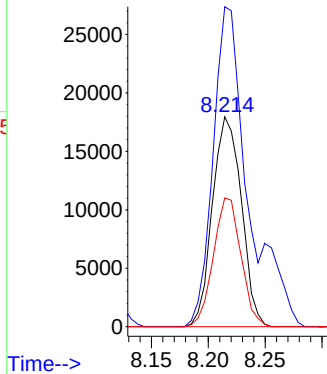
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:152 Resp: 31803
Ion Ratio Lower Upper
152 100
150 152.5 122.2 183.4
115 61.4 50.8 76.2

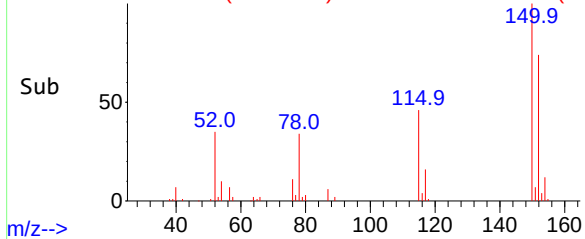
Abundance Scan 872 (8.214 min): BG064628.D\data.ms



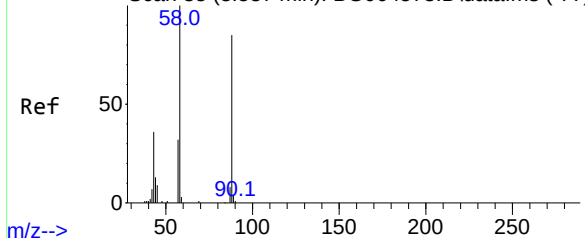
Abundance



Abundance Scan 872 (8.214 min): BG064628.D\data.ms (-85)



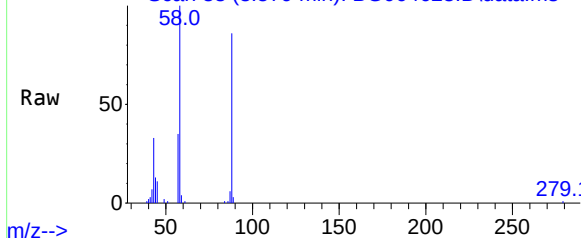
Abundance Scan 85 (3.587 min): BG064573.D\data.ms (-77)



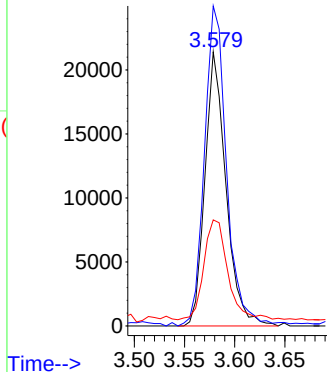
#2
1,4-Dioxane
Concen: 37.303 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 88 Resp: 31292
Ion Ratio Lower Upper
88 100
58 123.9 92.4 138.6
43 41.9 33.0 49.6

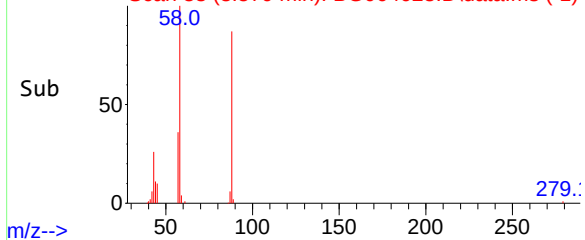
Abundance Scan 83 (3.579 min): BG064628.D\data.ms

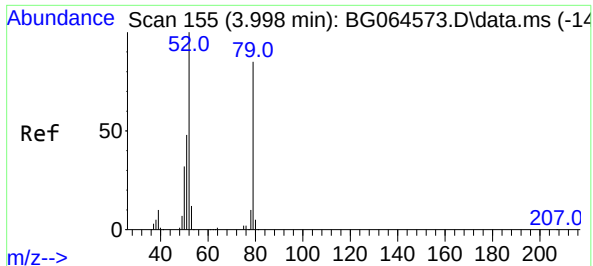


Abundance



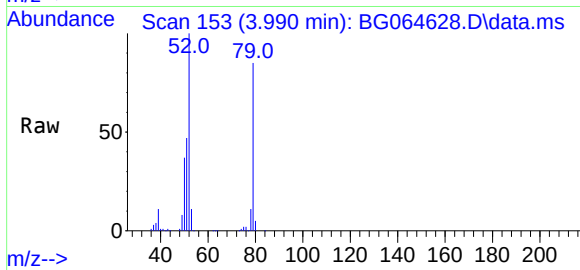
Abundance Scan 83 (3.579 min): BG064628.D\data.ms (-1)



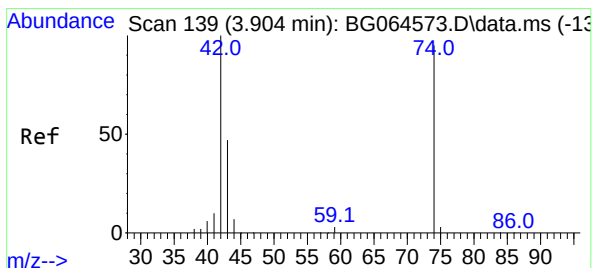
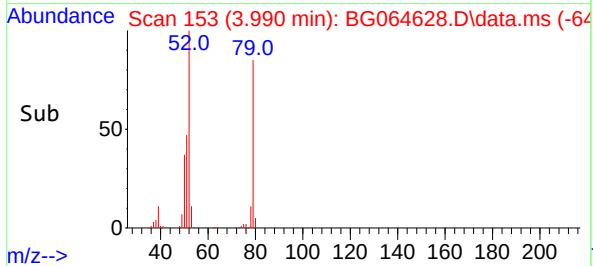
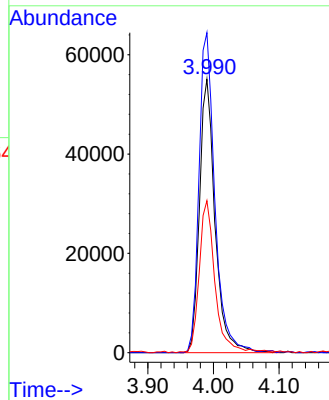


#3
Pyridine
Concen: 36.197 ng
RT: 3.990 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

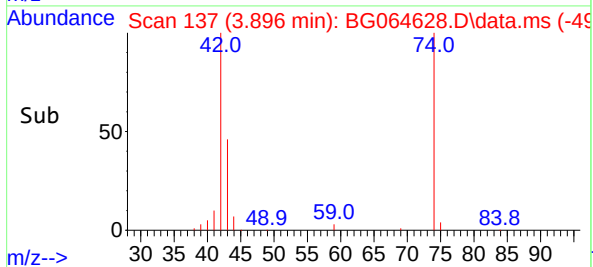
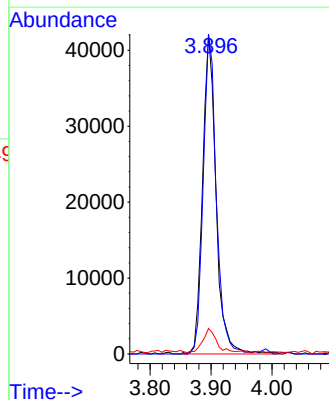
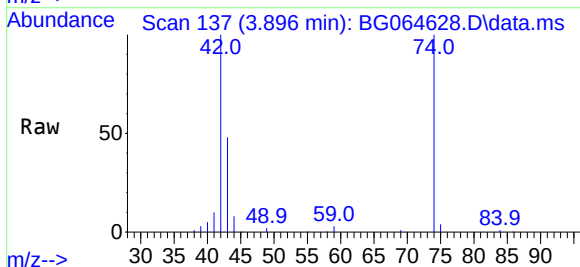


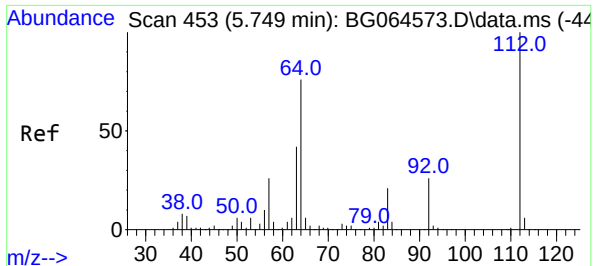
Tgt Ion: 79 Resp: 91183
Ion Ratio Lower Upper
79 100
52 117.1 94.2 141.2
51 55.6 46.1 69.1



#4
n-Nitrosodimethylamine
Concen: 47.785 ng
RT: 3.896 min Scan# 137
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 42 Resp: 64553
Ion Ratio Lower Upper
42 100
74 99.8 76.1 114.1
44 8.0 6.3 9.5

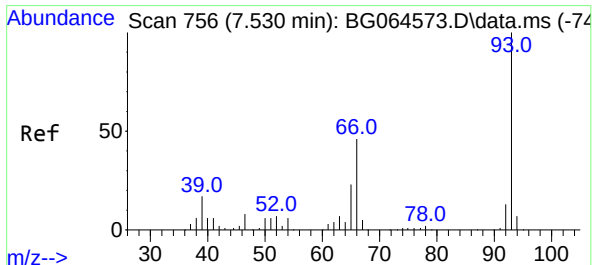
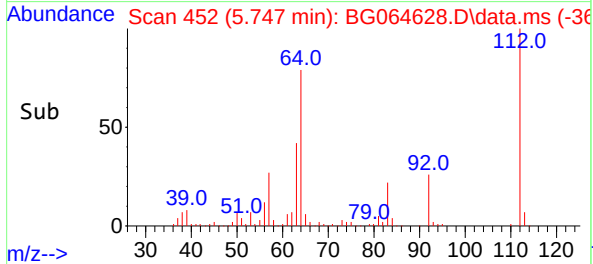
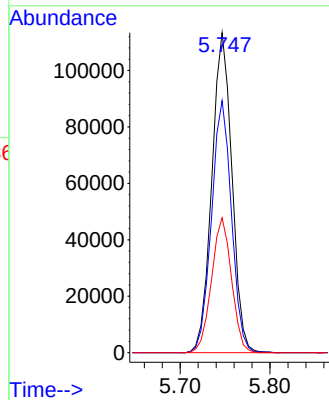
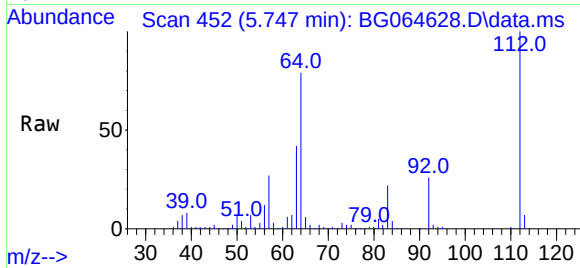




#5
2-Fluorophenol
Concen: 92.942 ng
RT: 5.747 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

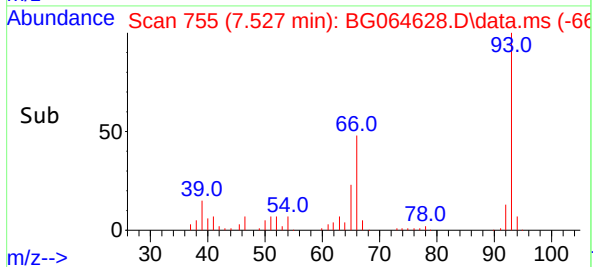
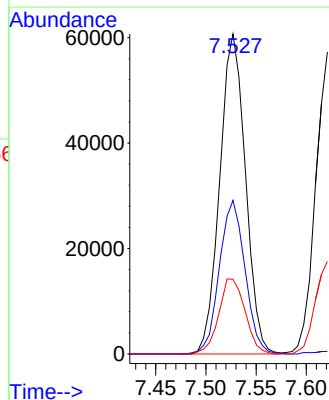
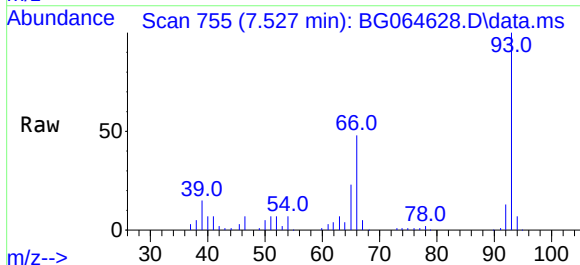
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:112 Resp: 176100
Ion Ratio Lower Upper
112 100
64 78.8 60.7 91.1
63 42.2 33.4 50.0

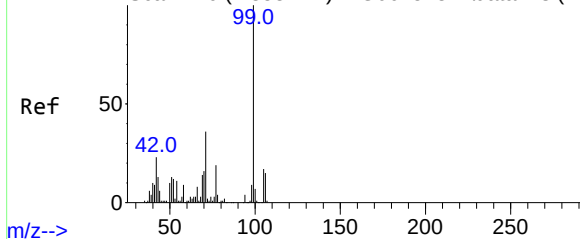


#6
Aniline
Concen: 30.493 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 93 Resp: 107880
Ion Ratio Lower Upper
93 100
66 48.0 37.0 55.6
65 23.4 18.3 27.5



Abundance Scan 726 (7.353 min): BG064573.D\data.ms (-71



#7

Phenol-d6

Concen: 92.637 ng

RT: 7.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

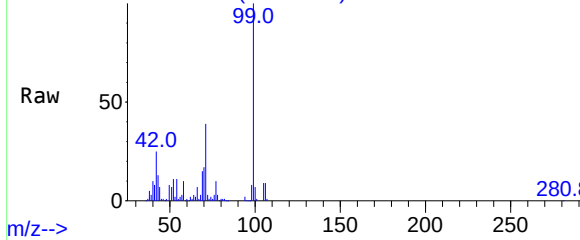
ClientSampleId :

PR-132-S16-015094-20251021MSD

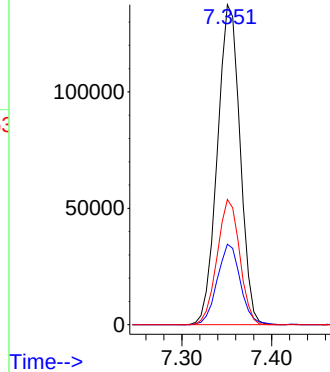
Tgt Ion: 99 Resp: 240854

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.3	27.5
71	39.1	28.6	43.0

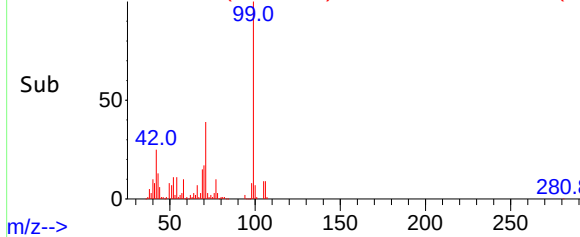
Abundance Scan 725 (7.351 min): BG064628.D\data.ms



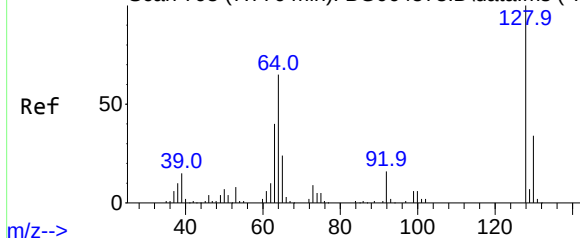
Abundance



Abundance Scan 725 (7.351 min): BG064628.D\data.ms (-63



Abundance Scan 798 (7.776 min): BG064573.D\data.ms (-79



#8

2-Chlorophenol

Concen: 49.746 ng

RT: 7.774 min Scan# 797

Delta R.T. -0.006 min

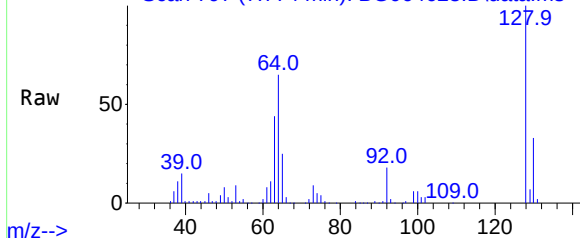
Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

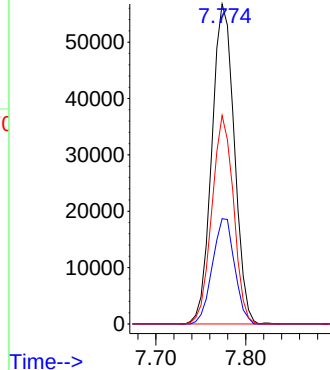
Tgt Ion: 128 Resp: 98657

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.5	53.5
64	65.2	45.2	85.2

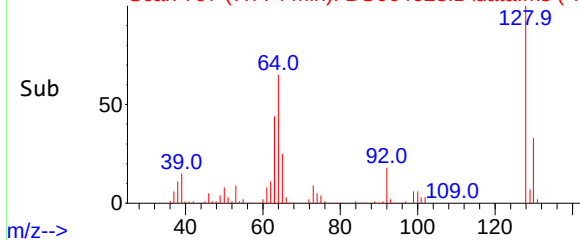
Abundance Scan 797 (7.774 min): BG064628.D\data.ms



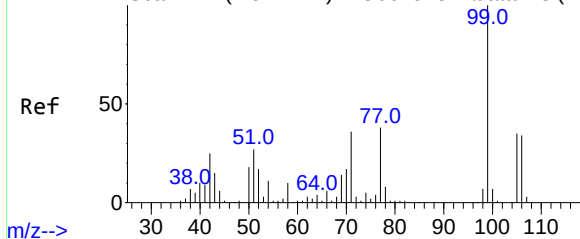
Abundance



Abundance Scan 797 (7.774 min): BG064628.D\data.ms (-70

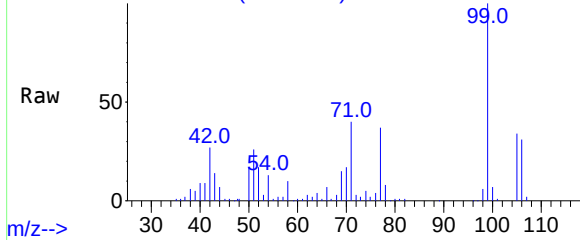


Abundance Scan 724 (7.342 min): BG064573.D\data.ms (-71



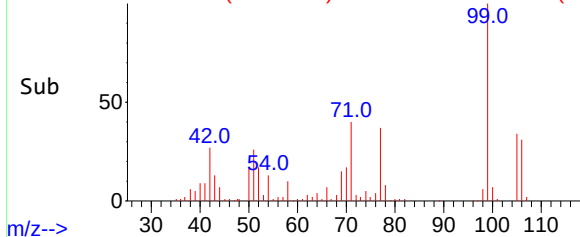
m/z-->

Abundance Scan 723 (7.339 min): BG064628.D\data.ms



m/z-->

Abundance Scan 723 (7.339 min): BG064628.D\data.ms (-70



m/z-->

#9

Benzaldehyde

Concen: 33.562 ng

RT: 7.339 min Scan# 71

Delta R.T. -0.000 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion: 77 Resp: 47639

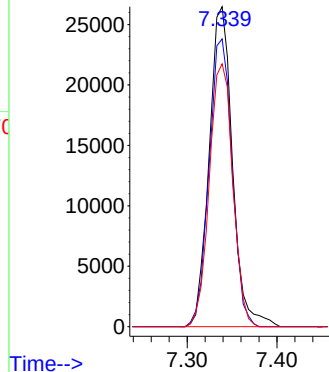
Ion Ratio Lower Upper

77 100

105 90.0 72.9 112.9

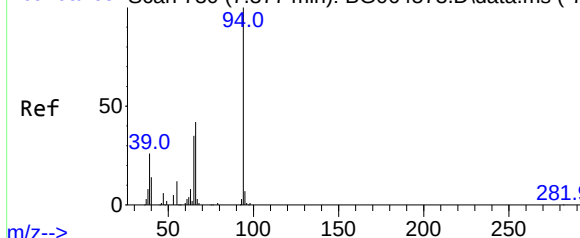
106 82.1 70.8 110.8

Abundance



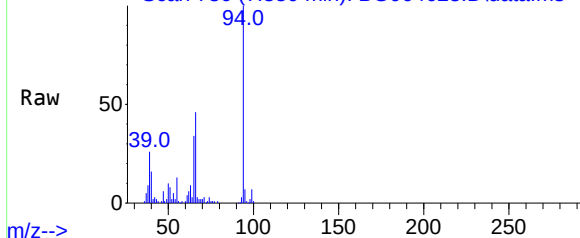
Time-->

Abundance Scan 730 (7.377 min): BG064573.D\data.ms (-72



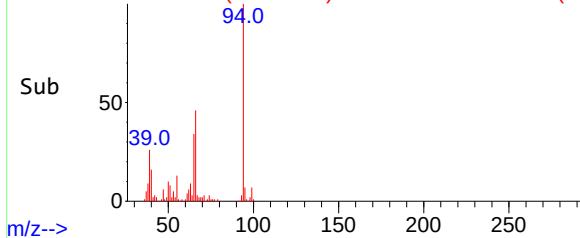
m/z-->

Abundance Scan 730 (7.380 min): BG064628.D\data.ms



m/z-->

Abundance Scan 730 (7.380 min): BG064628.D\data.ms (-64



m/z-->

#10

Phenol

Concen: 46.926 ng

RT: 7.380 min Scan# 730

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Tgt Ion: 94 Resp: 134929

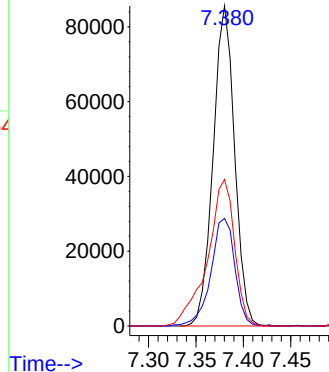
Ion Ratio Lower Upper

94 100

65 33.6 15.8 55.8

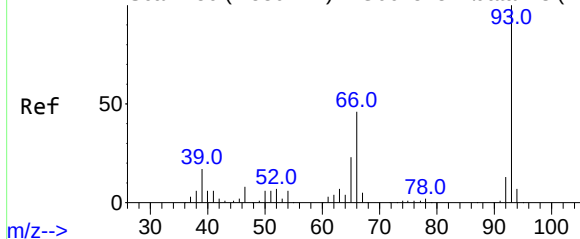
66 45.7 24.0 64.0

Abundance



Time-->

Abundance Scan 756 (7.530 min): BG064573.D\data.ms (-74

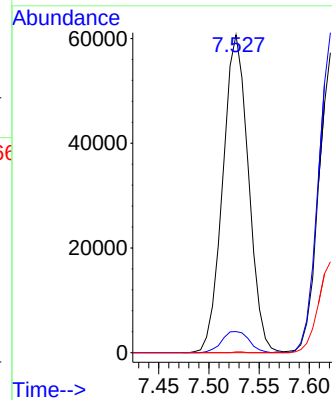
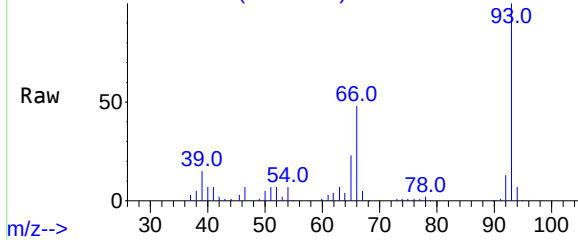


#11
bis(2-Chloroethyl)ether
Concen: 30.493 ng
RT: 7.527 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

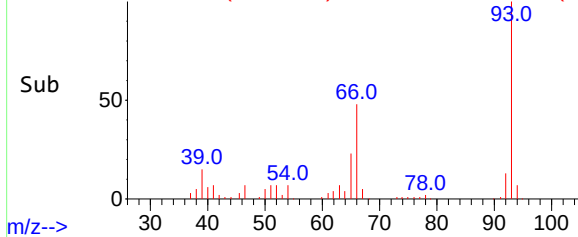
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion: 93 Resp: 107880
Ion Ratio Lower Upper
93 100
63 6.7 0.0 27.4
95 0.3 0.0 20.2

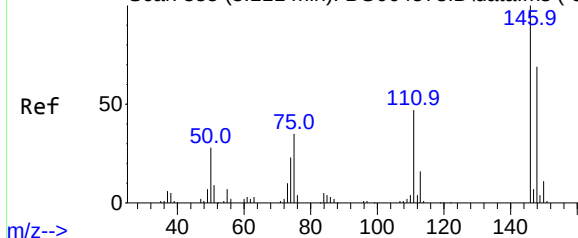
Abundance Scan 755 (7.527 min): BG064628.D\data.ms



Abundance Scan 755 (7.527 min): BG064628.D\data.ms (-66



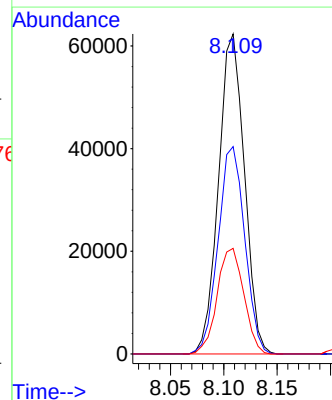
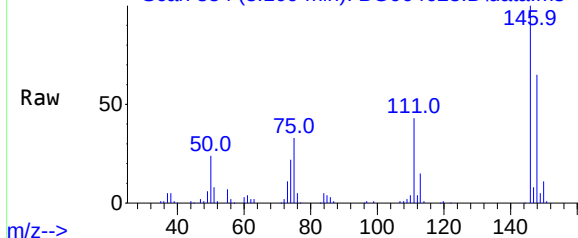
Abundance Scan 855 (8.111 min): BG064573.D\data.ms (-84



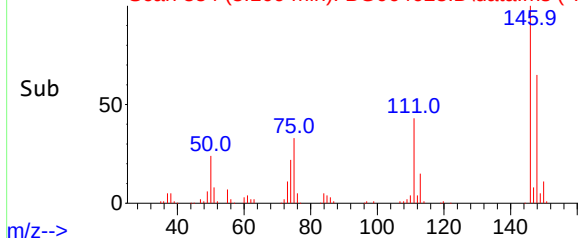
#12
1,3-Dichlorobenzene
Concen: 46.058 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 146 Resp: 105133
Ion Ratio Lower Upper
146 100
148 64.8 55.3 82.9
75 33.0 28.2 42.2

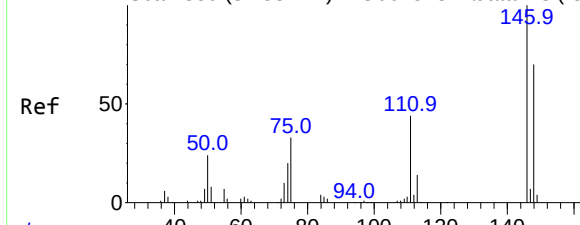
Abundance Scan 854 (8.109 min): BG064628.D\data.ms



Abundance Scan 854 (8.109 min): BG064628.D\data.ms (-76

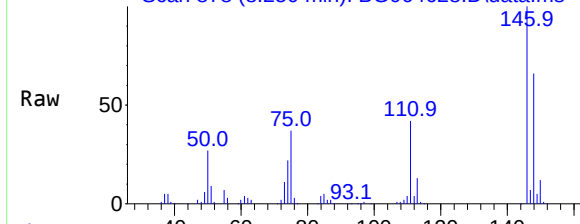


Abundance Scan 880 (8.258 min): BG064573.D\data.ms (-87



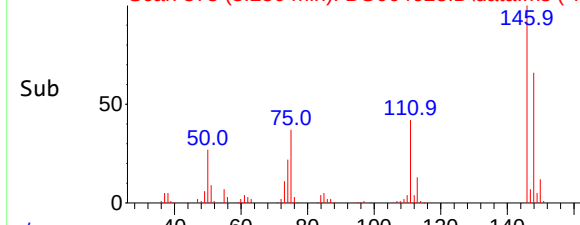
m/z-->

Abundance Scan 878 (8.250 min): BG064628.D\data.ms



m/z-->

Abundance Scan 878 (8.250 min): BG064628.D\data.ms (-78



m/z-->

#13

1,4-Dichlorobenzene

Concen: 45.698 ng

RT: 8.250 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

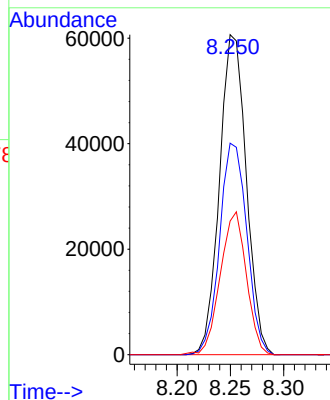
Tgt Ion:146 Resp: 106063

Ion Ratio Lower Upper

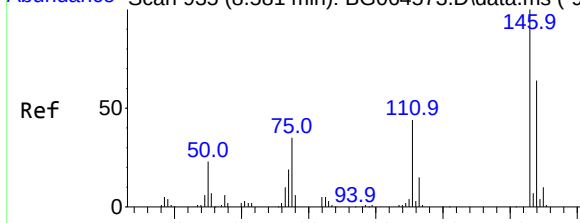
146 100

148 66.1 56.2 84.4

111 41.8 35.4 53.0

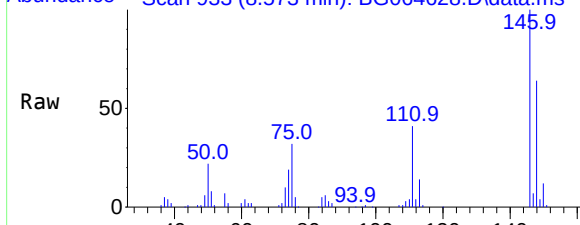


Abundance Scan 935 (8.581 min): BG064573.D\data.ms (-92



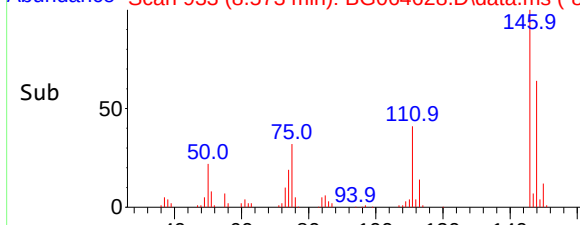
m/z-->

Abundance Scan 933 (8.573 min): BG064628.D\data.ms



m/z-->

Abundance Scan 933 (8.573 min): BG064628.D\data.ms (-84



m/z-->

#14

1,2-Dichlorobenzene

Concen: 48.136 ng

RT: 8.573 min Scan# 933

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

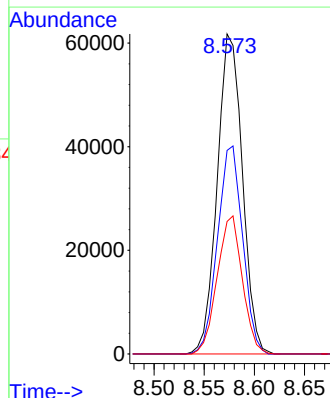
Tgt Ion:146 Resp: 107759

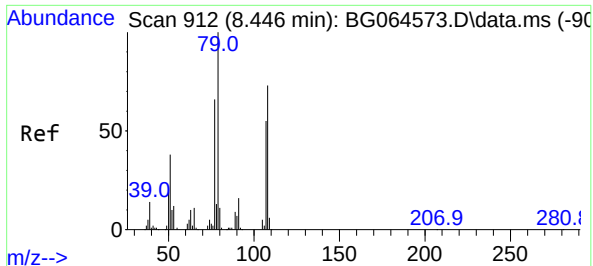
Ion Ratio Lower Upper

146 100

148 63.6 51.5 77.3

111 41.4 35.0 52.6

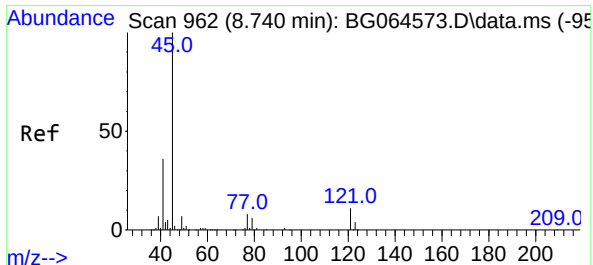
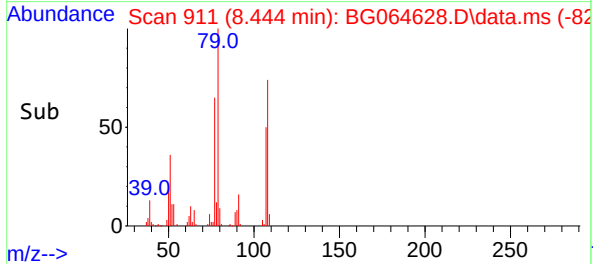
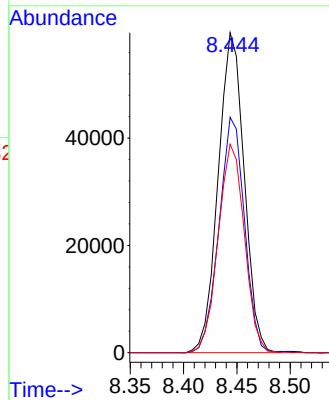
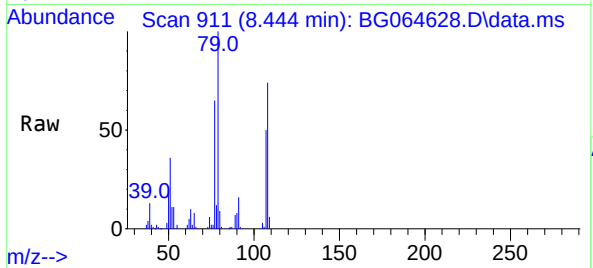




#15
Benzyl Alcohol
Concen: 47.091 ng
RT: 8.444 min Scan# 911
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

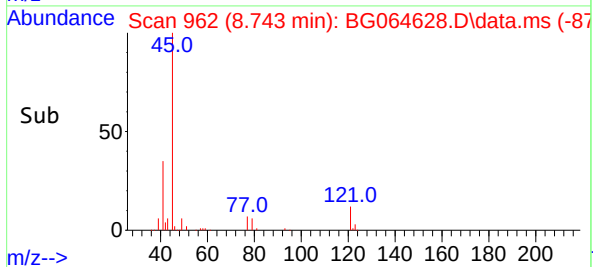
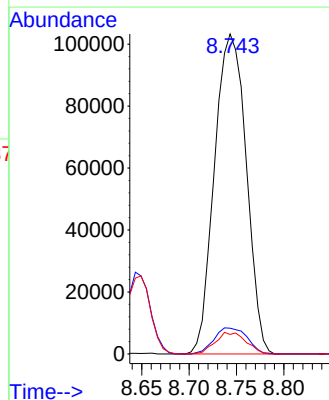
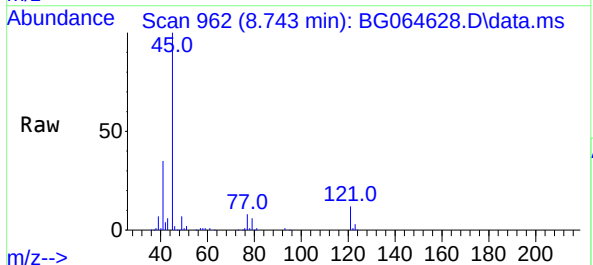
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

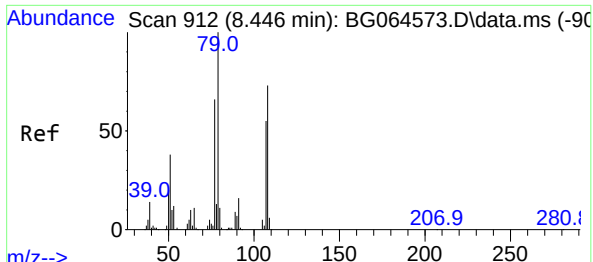
Tgt Ion: 79 Resp: 100962
Ion Ratio Lower Upper
79 100
108 73.5 58.1 87.1
77 65.1 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.406 ng
RT: 8.743 min Scan# 962
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 45 Resp: 240700
Ion Ratio Lower Upper
45 100
77 8.1 0.0 28.5
79 6.1 0.0 25.6





#17

2-Methylphenol

Concen: 47.146 ng

RT: 8.444 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG064628.D

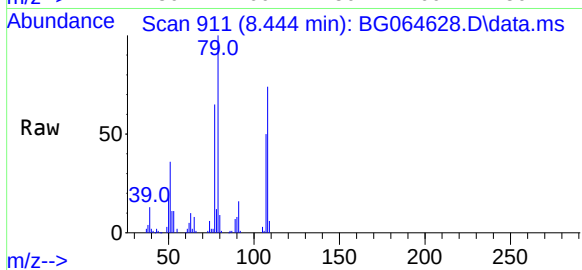
Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

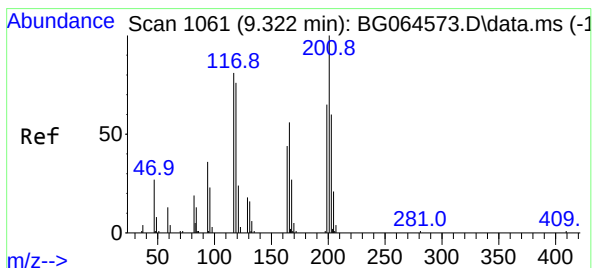
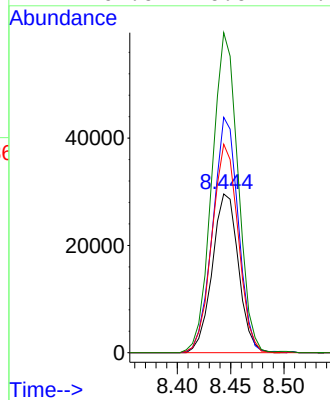
ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:107 Resp: 50526

Ion	Ratio	Lower	Upper
107	100		
108	148.3	106.4	159.6
77	131.3	96.7	145.1
79	201.6	146.6	219.8



#18

Hexachloroethane

Concen: 49.488 ng

RT: 9.319 min Scan# 1060

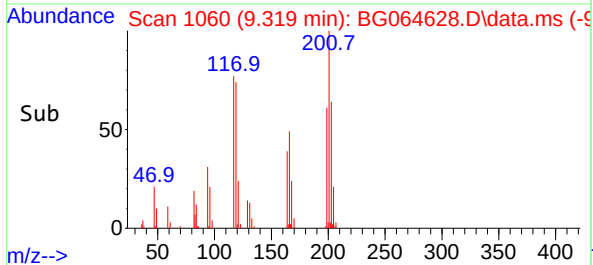
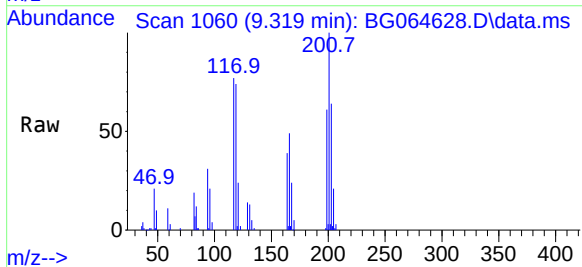
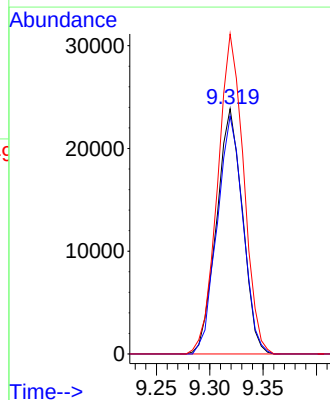
Delta R.T. -0.006 min

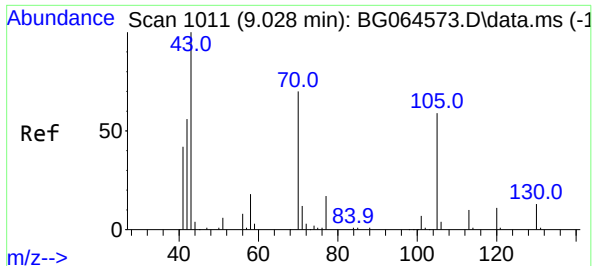
Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Tgt Ion:117 Resp: 40307

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.2
201	130.5	99.2	148.8



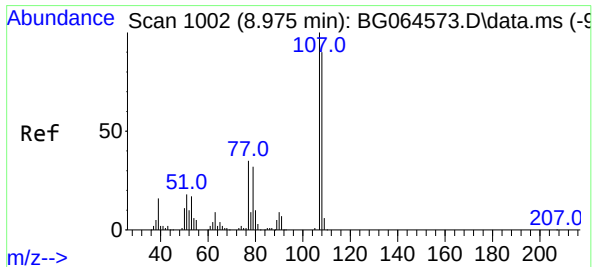
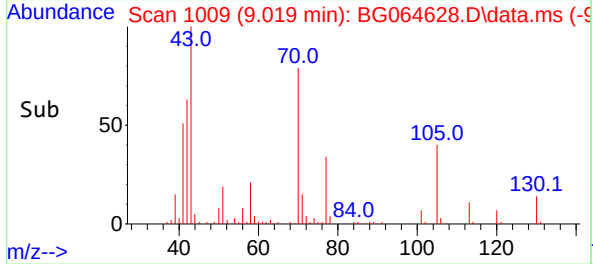
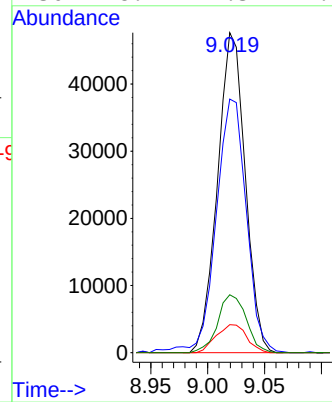
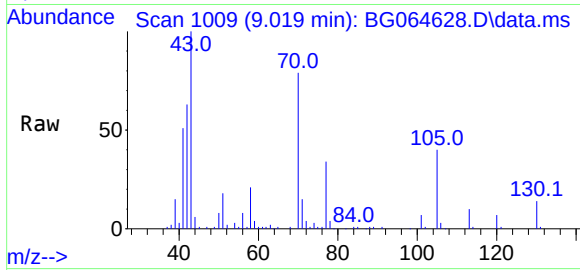


#19
n-Nitroso-di-n-propylamine
Concen: 44.910 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion: 70 Resp: 80697

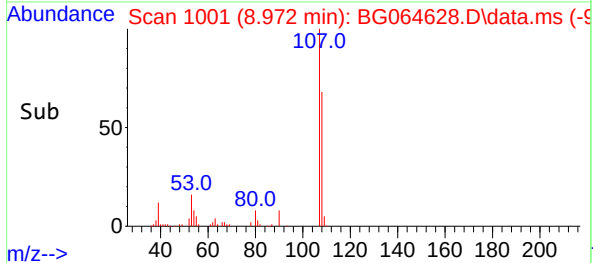
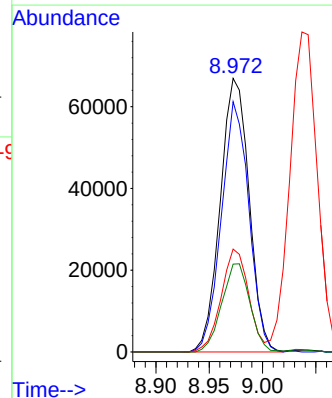
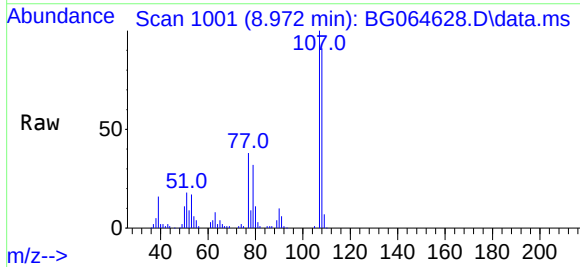
Ion	Ratio	Lower	Upper
70	100		
42	79.2	65.2	97.8
101	8.7	7.9	11.9
130	18.1	14.3	21.5

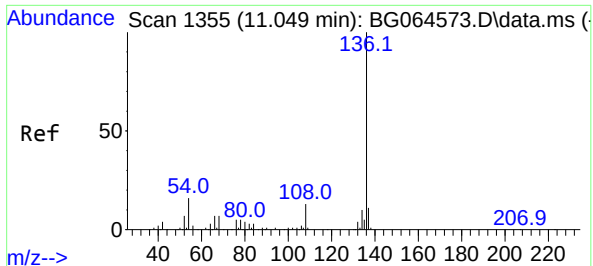


#20
3+4-Methylphenols
Concen: 46.893 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 107 Resp: 125897

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.3	110.3
77	37.6	14.6	54.6
79	32.1	11.7	51.7



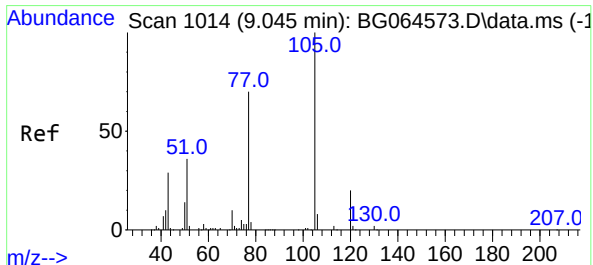
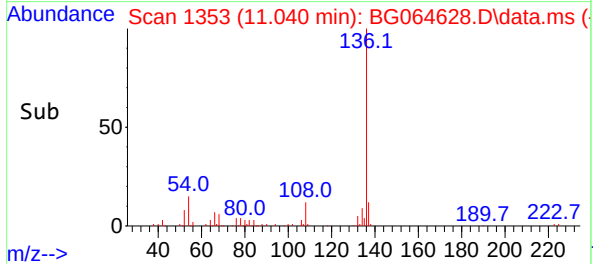
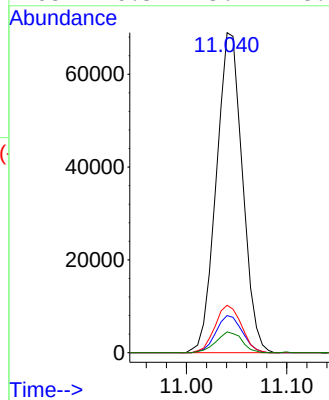
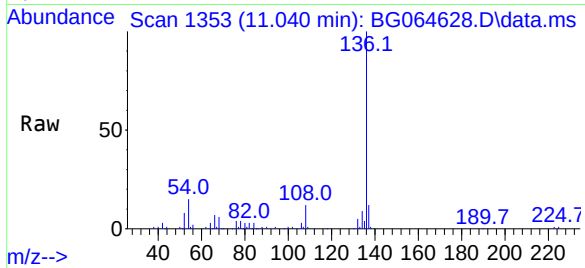


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.040 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:136 Resp: 124534

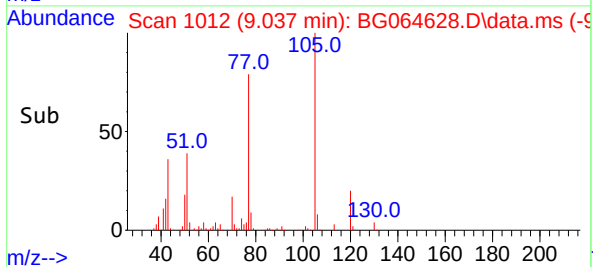
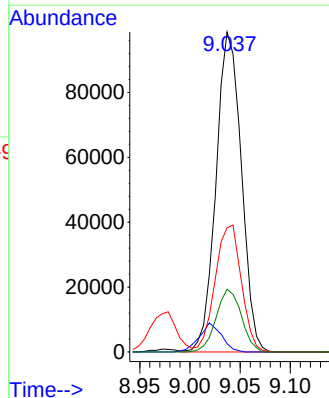
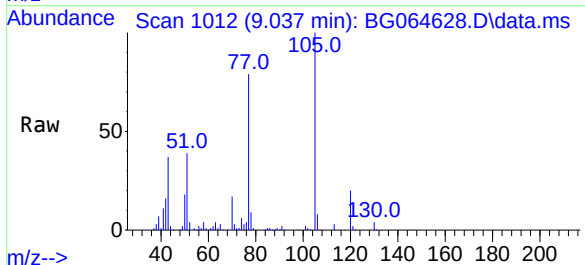
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	14.8	12.6	19.0
68	6.5	5.7	8.5

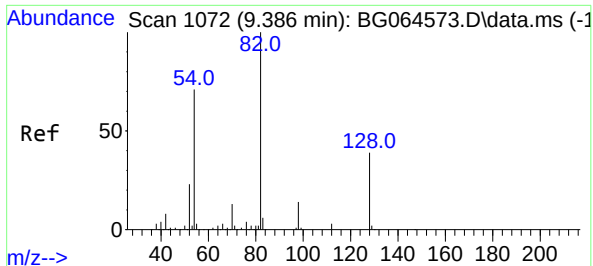


#22
Acetophenone
Concen: 50.758 ng
RT: 9.037 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:105 Resp: 172795

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.5	2.3#
51	38.8	33.7	50.5
120	19.6	16.1	24.1





#23

Nitrobenzene-d5

Concen: 74.861 ng

RT: 9.378 min Scan# 1072

Delta R.T. -0.012 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

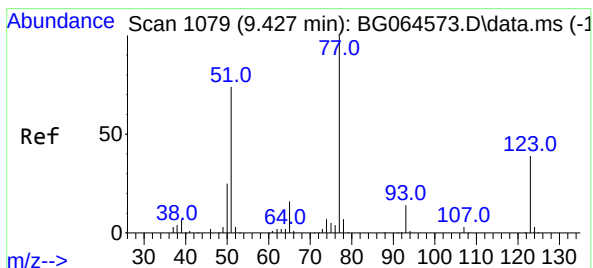
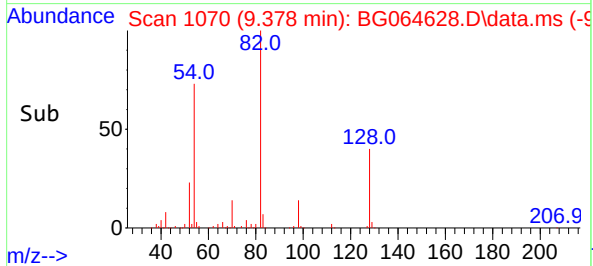
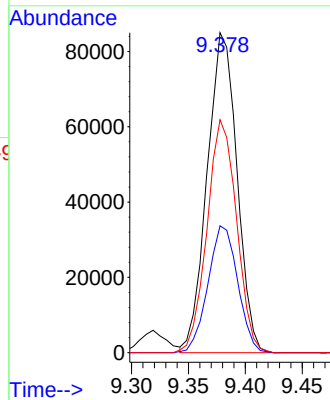
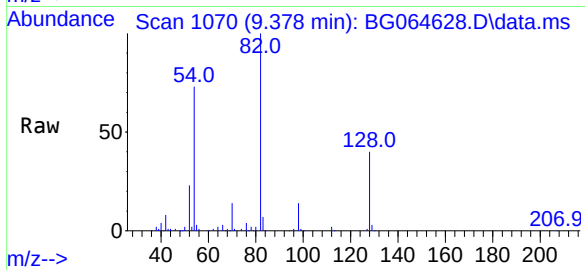
Tgt Ion: 82 Resp: 155218

Ion Ratio Lower Upper

82 100

128 39.7 31.3 46.9

54 72.8 56.6 84.8



#24

Nitrobenzene

Concen: 54.514 ng

RT: 9.425 min Scan# 1078

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

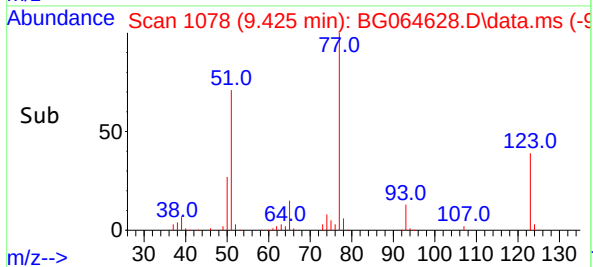
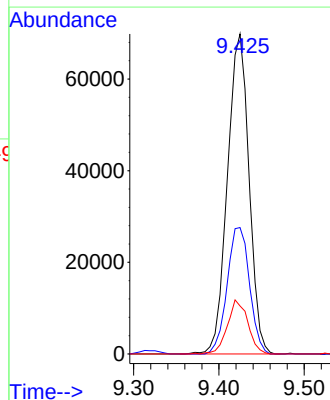
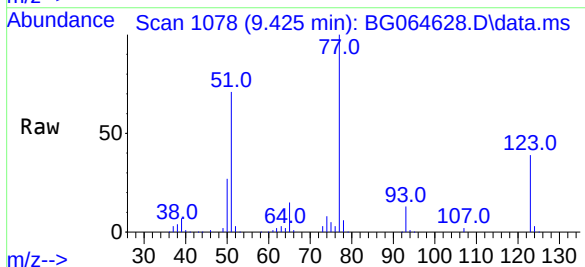
Tgt Ion: 77 Resp: 122938

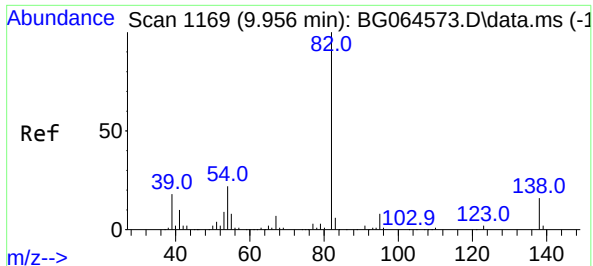
Ion Ratio Lower Upper

77 100

123 39.5 31.0 46.6

65 15.0 12.7 19.1

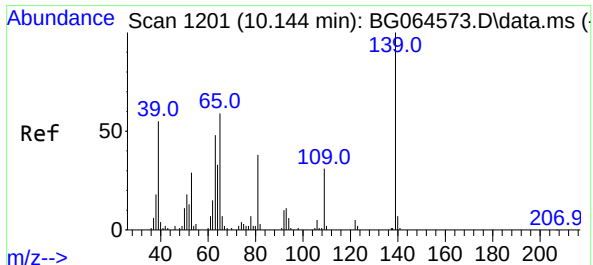
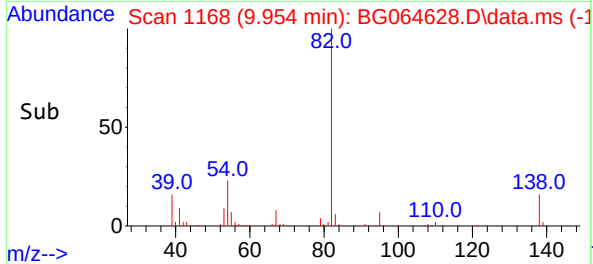
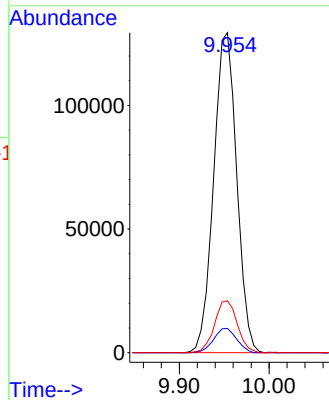
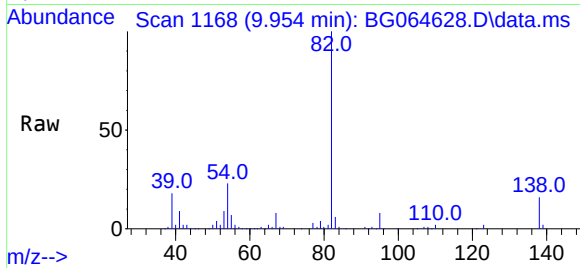




#25
Isophorone
Concen: 46.278 ng
RT: 9.954 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

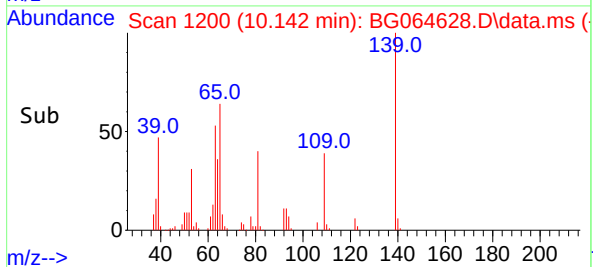
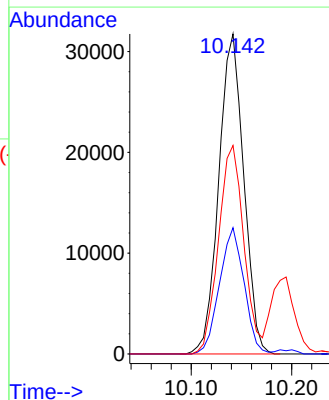
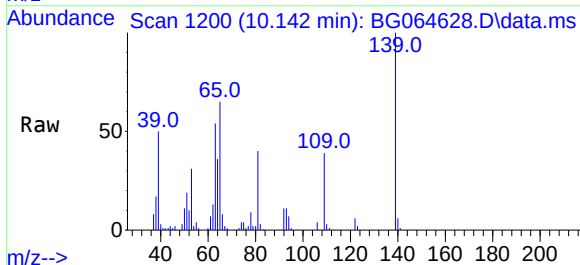
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

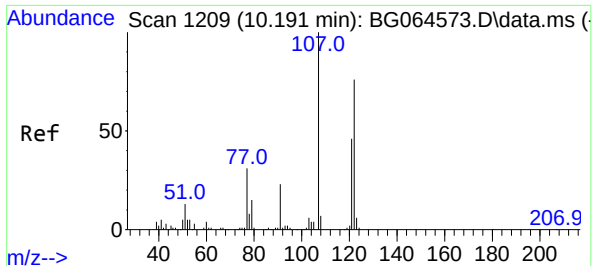
Tgt Ion: 82 Resp: 230244
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.2 13.0 19.4



#26
2-Nitrophenol
Concen: 62.001 ng
RT: 10.142 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 139 Resp: 54798
Ion Ratio Lower Upper
139 100
109 39.5 24.6 37.0#
65 65.2 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 54.121 ng

RT: 10.194 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064628.D

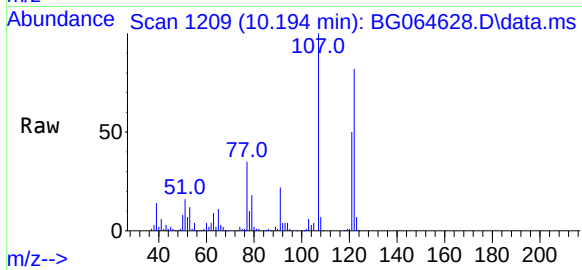
Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

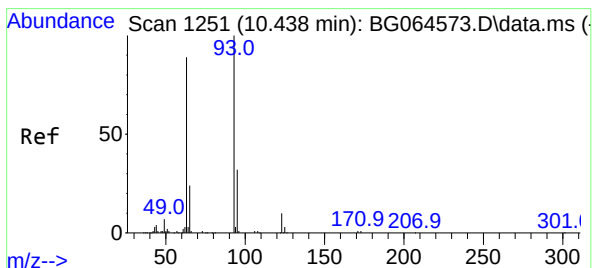
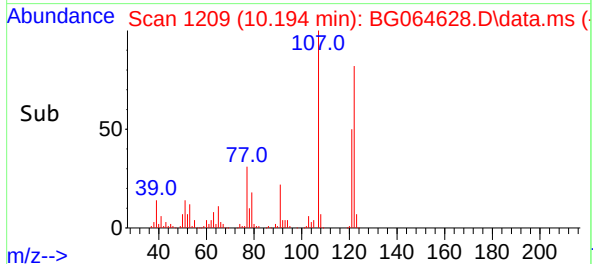
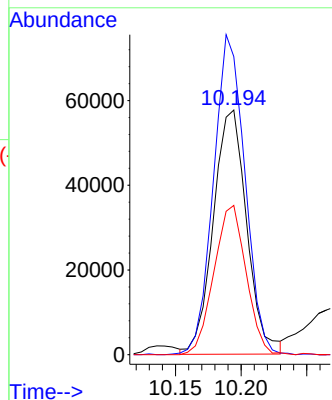
ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:122 Resp: 102164

Ion	Ratio	Lower	Upper
122	100		
107	121.8	103.0	154.4
121	61.0	47.8	71.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.587 ng

RT: 10.429 min Scan# 1249

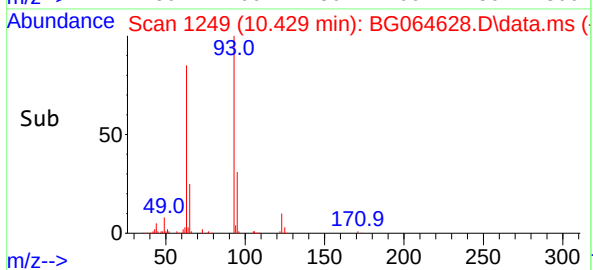
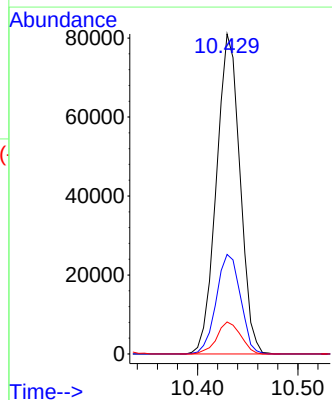
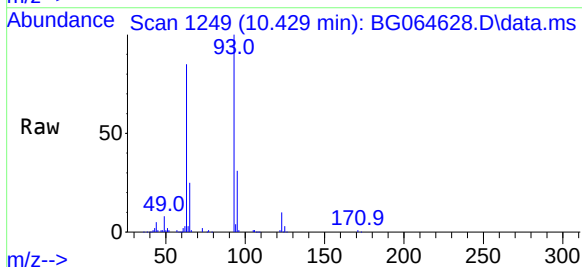
Delta R.T. -0.006 min

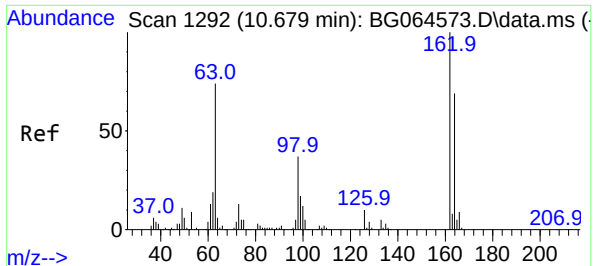
Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Tgt Ion: 93 Resp: 131967

Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.4	38.2
123	10.0	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.143 ng

RT: 10.676 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

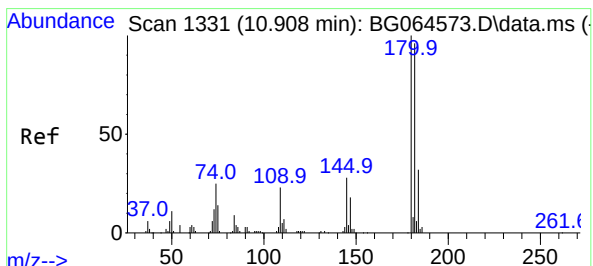
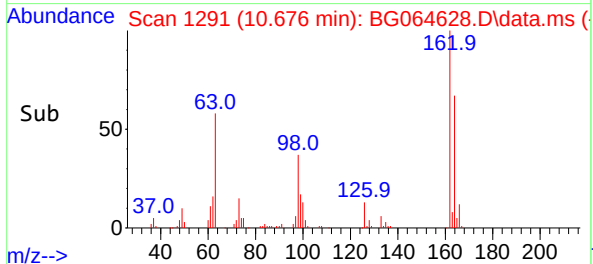
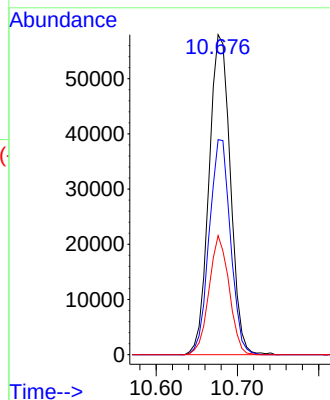
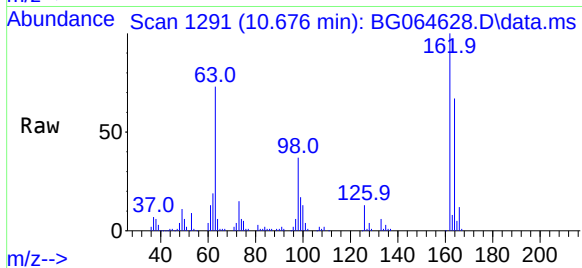
Tgt Ion:162 Resp: 105842

Ion Ratio Lower Upper

162 100

164 67.2 48.7 88.7

98 37.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 52.868 ng

RT: 10.899 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

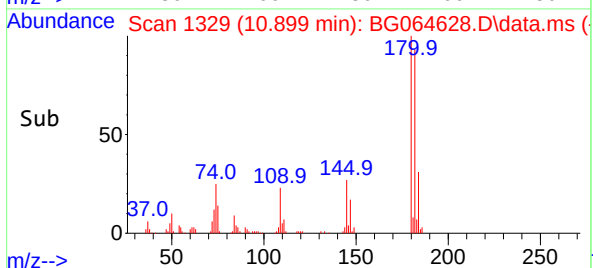
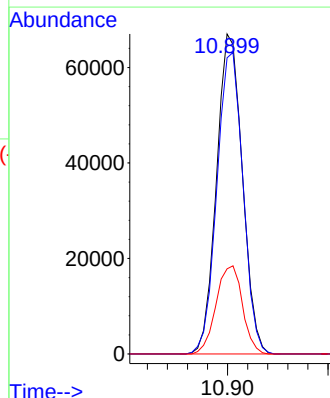
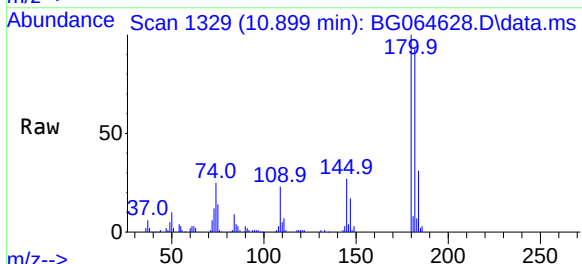
Tgt Ion:180 Resp: 119635

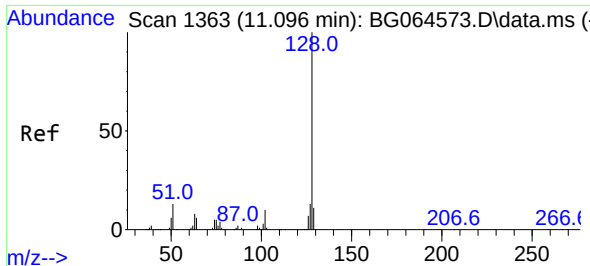
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

145 26.6 22.1 33.1

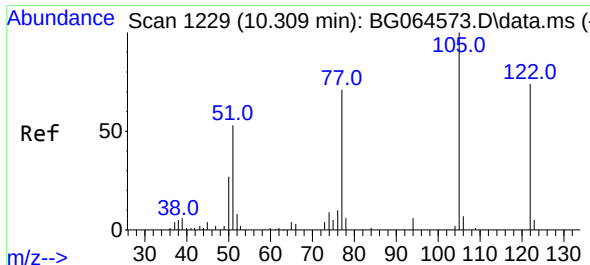
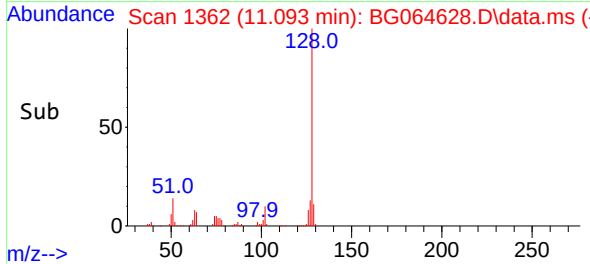
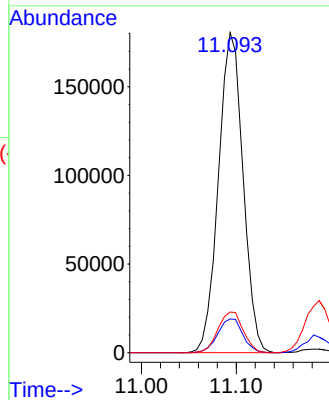
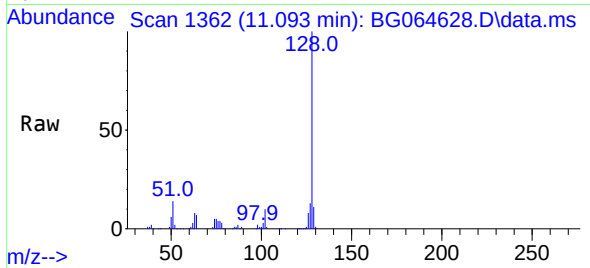




#31
Naphthalene
Concen: 47.081 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

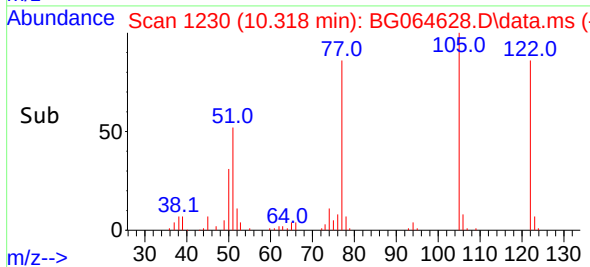
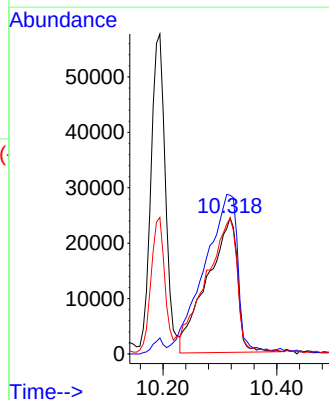
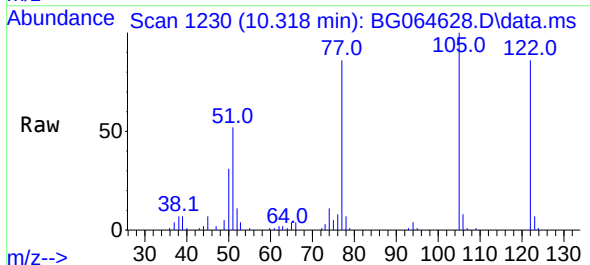
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

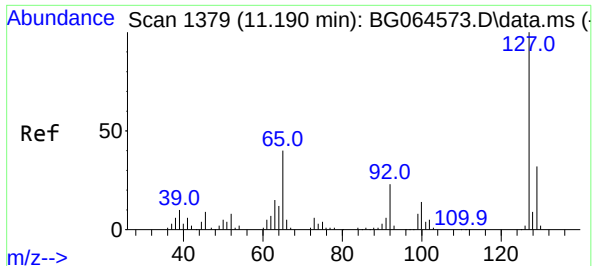
Tgt Ion:128 Resp: 325077
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 63.358 ng
RT: 10.318 min Scan# 1230
Delta R.T. -0.024 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:122 Resp: 89736
Ion Ratio Lower Upper
122 100
105 116.5 104.2 144.2
77 99.7 70.2 110.2

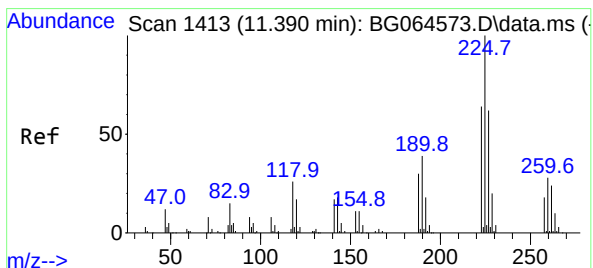
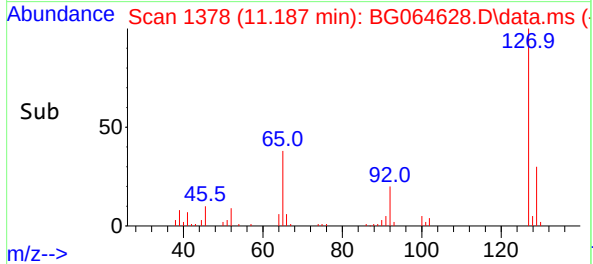
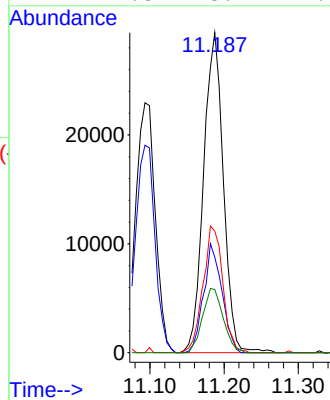
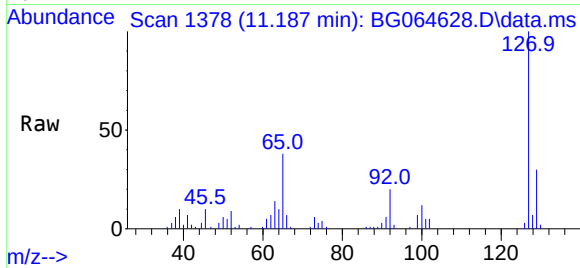




#33
4-Chloroaniline
Concen: 20.286 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

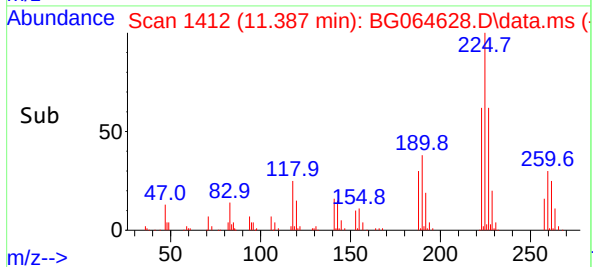
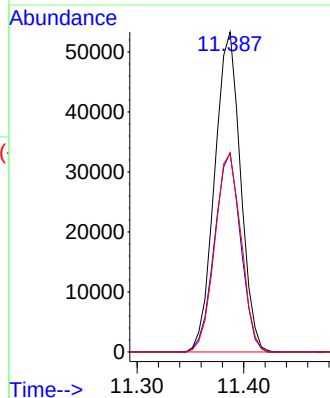
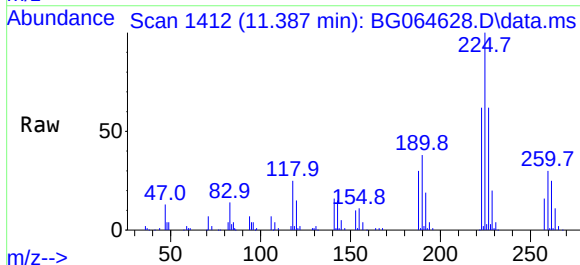
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

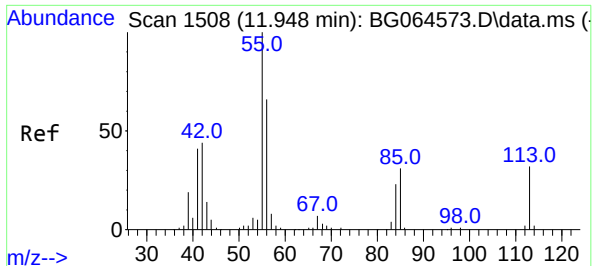
Tgt Ion:	127	Resp:	54442
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.5	38.3
65	38.0	32.2	48.4
92	19.8	18.2	27.2



#34
Hexachlorobutadiene
Concen: 50.775 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:	225	Resp:	89857
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.8	73.2
227	60.1	49.5	74.3

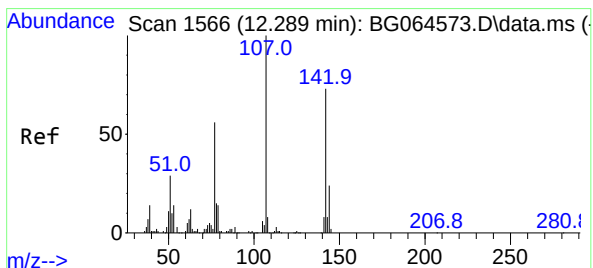
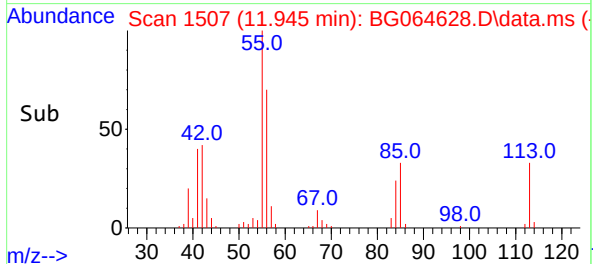
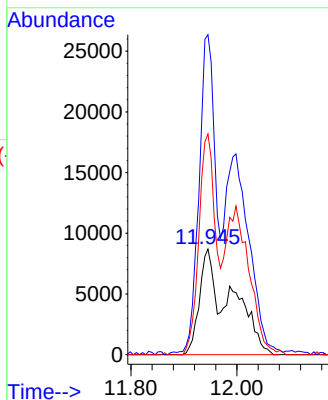
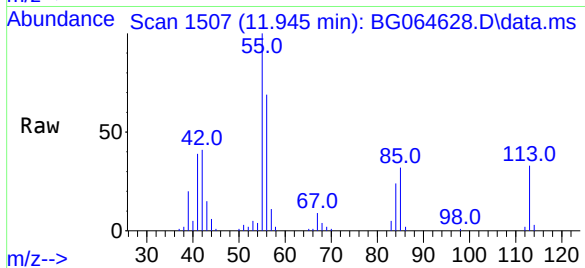




#35
Caprolactam
Concen: 46.490 ng m
RT: 11.945 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

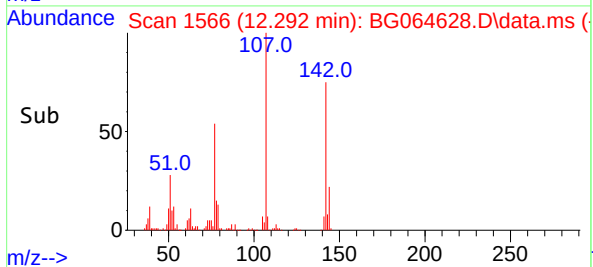
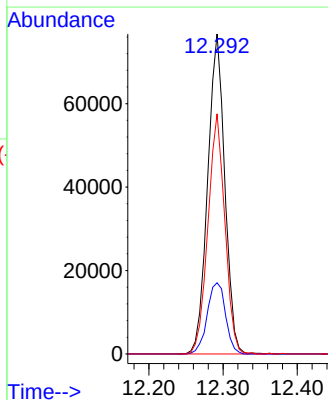
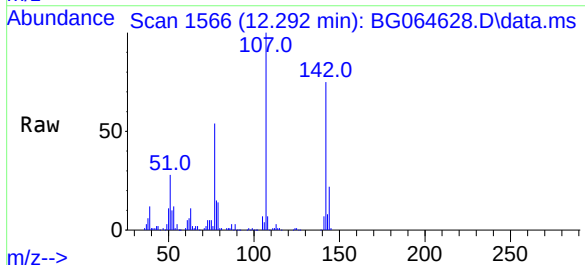
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

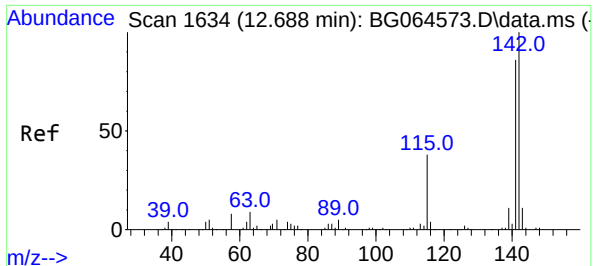
Tgt Ion	Ratio	Lower	Upper
113	100		
55	303.2	290.1	330.1
56	209.1	183.8	223.8



#36
4-Chloro-3-methylphenol
Concen: 51.210 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

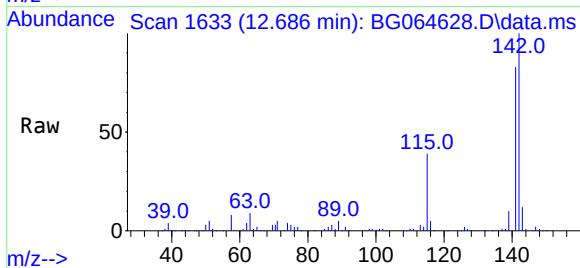
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.1	28.7
142	75.1	58.6	87.8



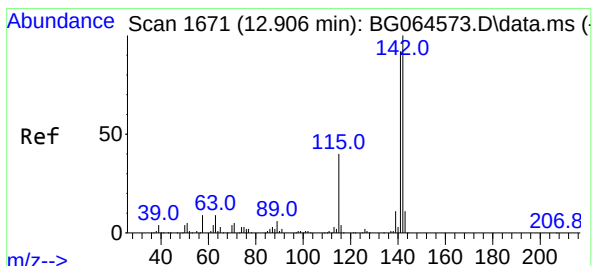
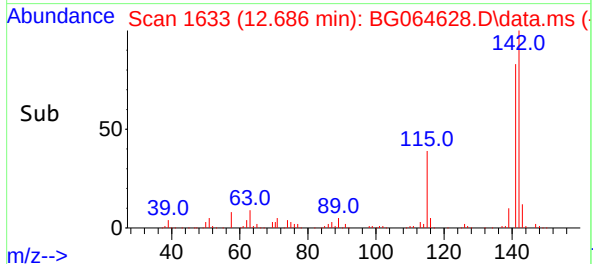
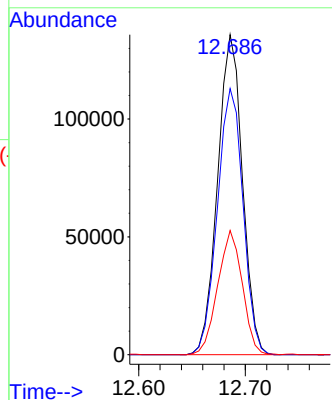


#37
2-Methylnaphthalene
Concen: 43.321 ng
RT: 12.686 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

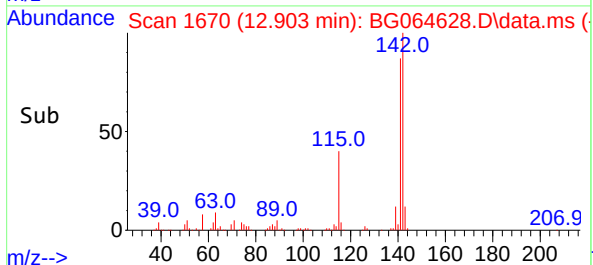
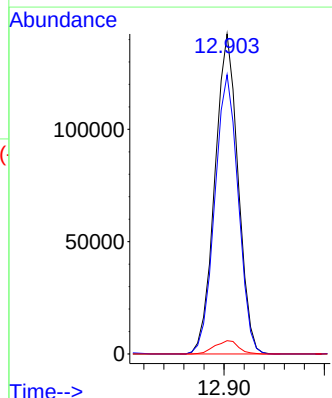
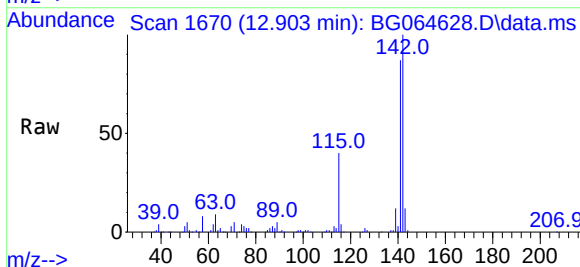


Tgt Ion:142 Resp: 219604
Ion Ratio Lower Upper
142 100
141 83.2 68.9 103.3
115 38.8 30.6 46.0

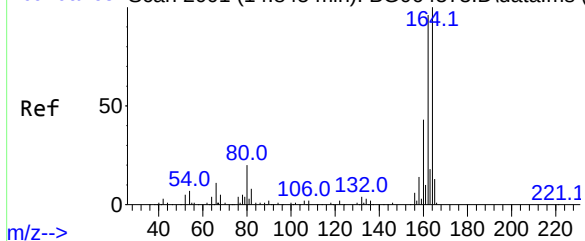


#38
1-Methylnaphthalene
Concen: 45.818 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:142 Resp: 228542
Ion Ratio Lower Upper
142 100
141 87.2 73.3 109.9
116 4.1 3.1 4.7



Abundance Scan 2001 (14.845 min): BG064573.D\data.ms (



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

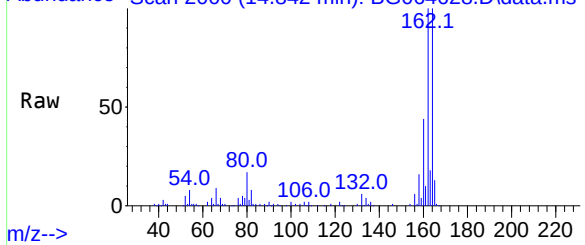
Instrument :

BNA_G

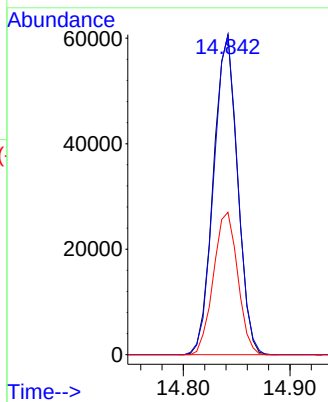
ClientSampleId :

PR-132-S16-015094-20251021MSD

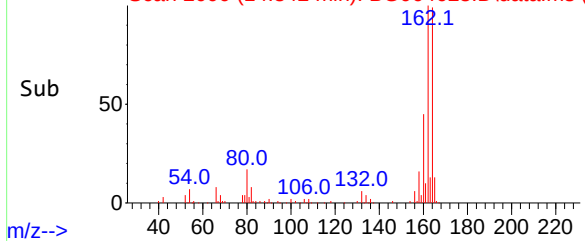
m/z--> Abundance Scan 2000 (14.842 min): BG064628.D\data.ms



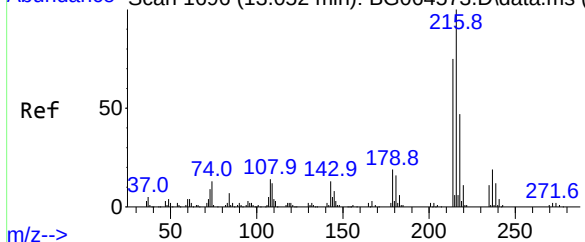
Tgt Ion:164 Resp: 94989
Ion Ratio Lower Upper
164 100
162 99.9 77.0 115.6
160 44.5 34.4 51.6



Abundance Scan 2000 (14.842 min): BG064628.D\data.ms (



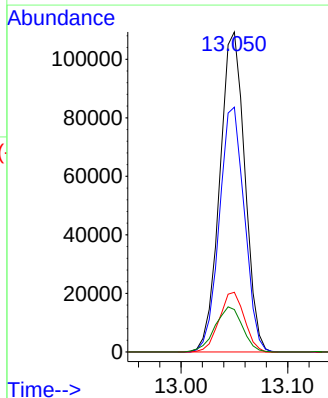
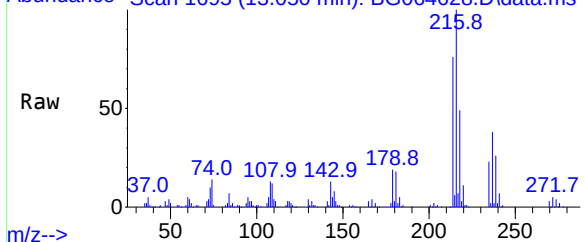
Abundance Scan 1696 (13.052 min): BG064573.D\data.ms (



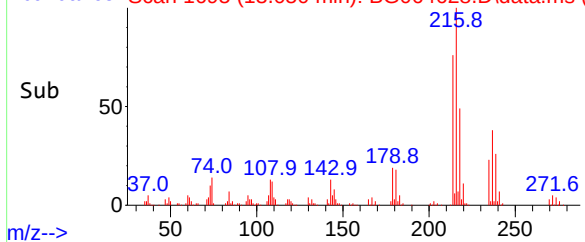
#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.934 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

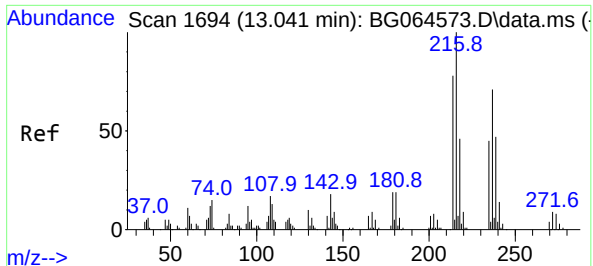
Tgt Ion:216 Resp: 178313
Ion Ratio Lower Upper
216 100
214 76.5 61.4 92.2
179 18.7 15.4 23.0
108 15.4 11.8 17.6

m/z--> Abundance Scan 1695 (13.050 min): BG064628.D\data.ms



Abundance Scan 1695 (13.050 min): BG064628.D\data.ms (

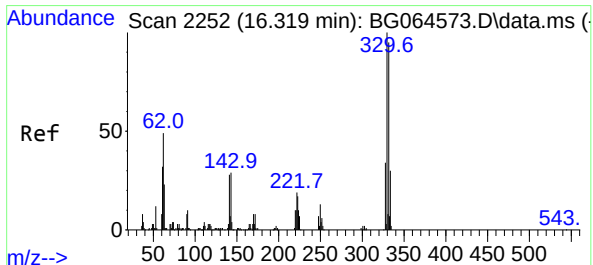
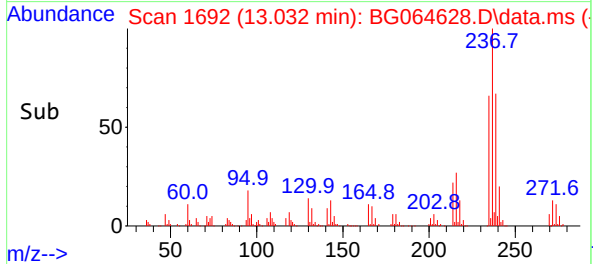
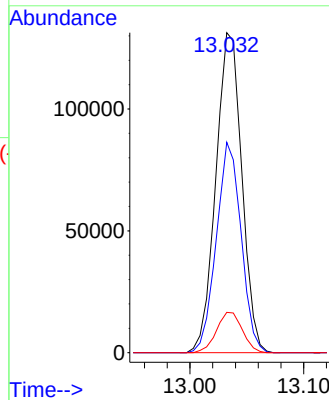
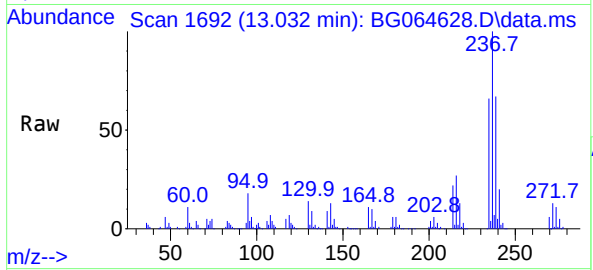




#41
Hexachlorocyclopentadiene
Concen: 145.386 ng
RT: 13.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

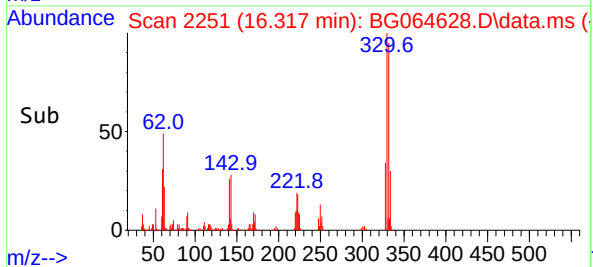
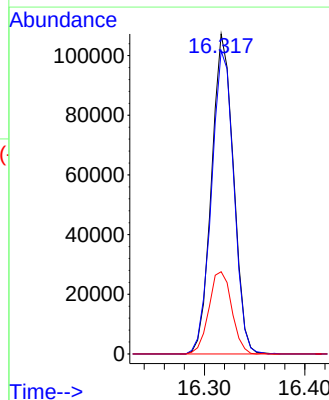
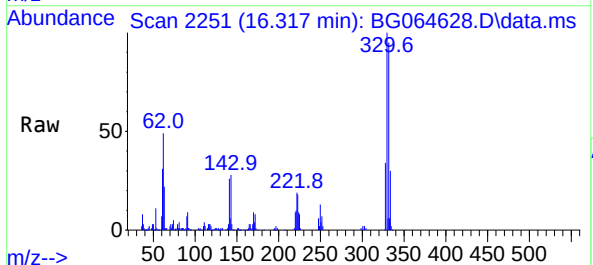
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:237	Resp:	208614
Ion	Ratio	Lower Upper
237	100	
235	65.8	44.1 84.1
272	12.6	0.0 32.4

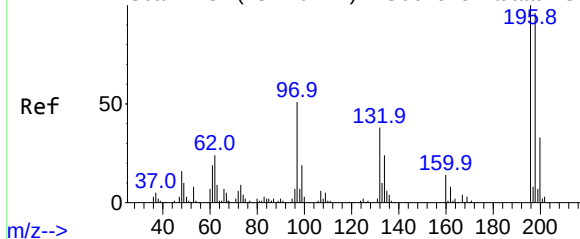


#42
2,4,6-Tribromophenol
Concen: 118.302 ng
RT: 16.317 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:330	Resp:	162190
Ion	Ratio	Lower Upper
330	100	
332	96.7	78.0 117.0
141	27.0	21.8 32.6



Abundance Scan 1734 (13.276 min): BG064573.D\data.ms (

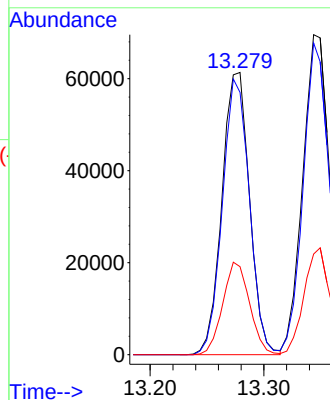
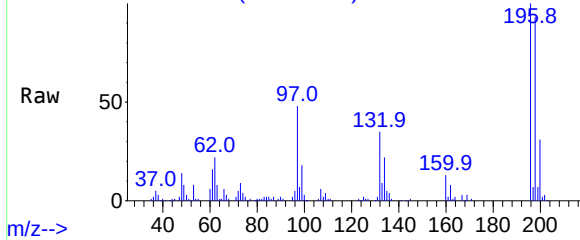


#43
2,4,6-Trichlorophenol
Concen: 56.833 ng
RT: 13.279 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

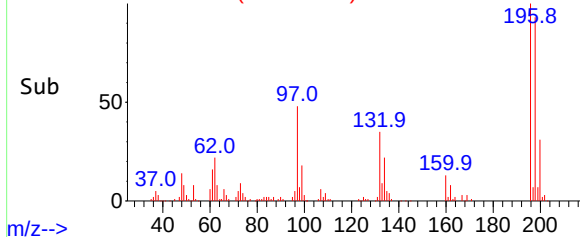
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:196 Resp: 103636
Ion Ratio Lower Upper
196 100
198 92.9 76.6 115.0
200 31.2 26.0 39.0

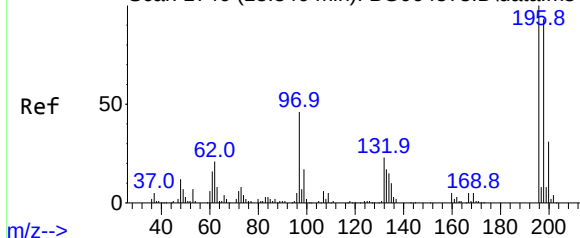
Abundance Scan 1734 (13.279 min): BG064628.D\data.ms



Abundance Scan 1734 (13.279 min): BG064628.D\data.ms (



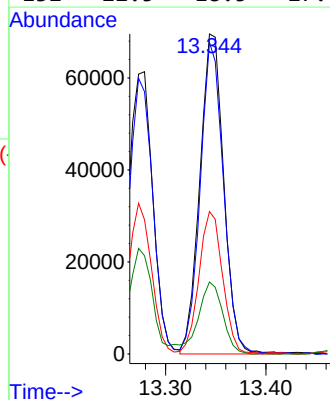
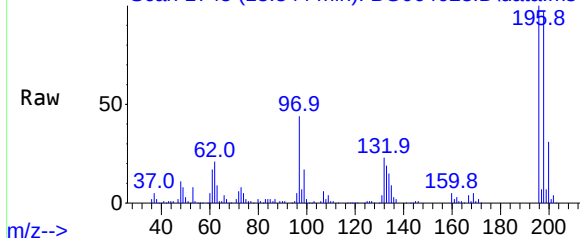
Abundance Scan 1746 (13.346 min): BG064573.D\data.ms (



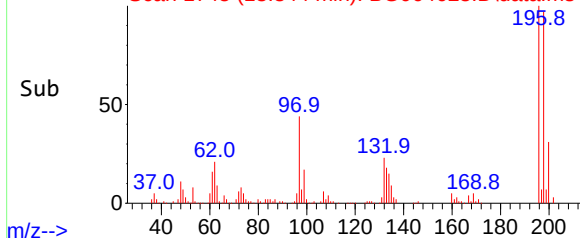
#44
2,4,5-Trichlorophenol
Concen: 54.963 ng
RT: 13.344 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

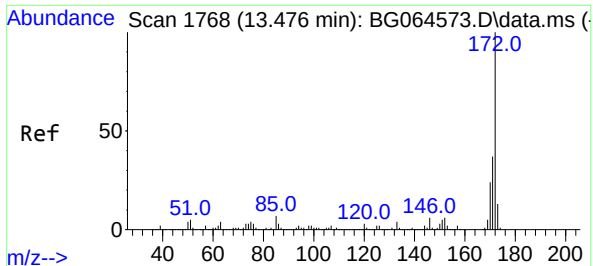
Tgt Ion:196 Resp: 115660
Ion Ratio Lower Upper
196 100
198 97.4 74.2 111.4
97 44.5 37.0 55.6
132 22.5 18.5 27.7

Abundance Scan 1745 (13.344 min): BG064628.D\data.ms



Abundance Scan 1745 (13.344 min): BG064628.D\data.ms (

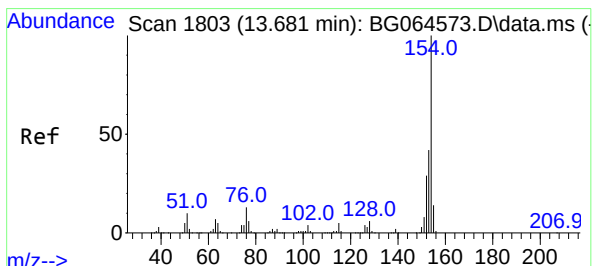
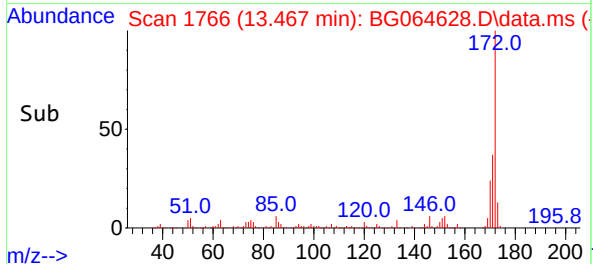
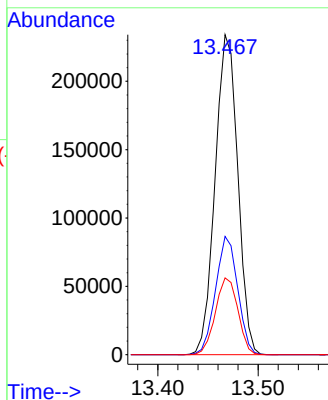
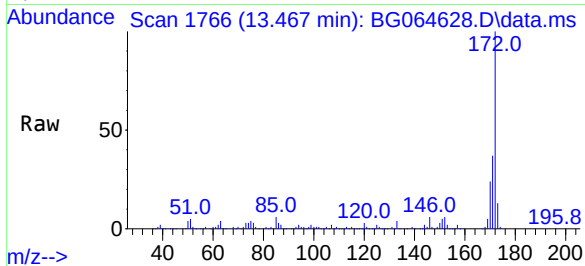




#45
2-Fluorobiphenyl
Concen: 58.437 ng
RT: 13.467 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

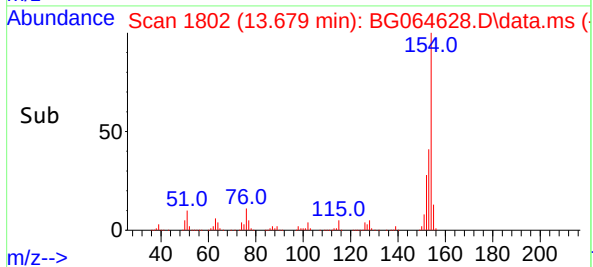
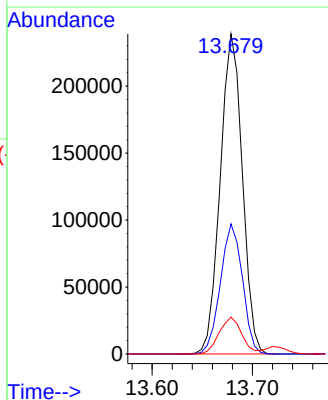
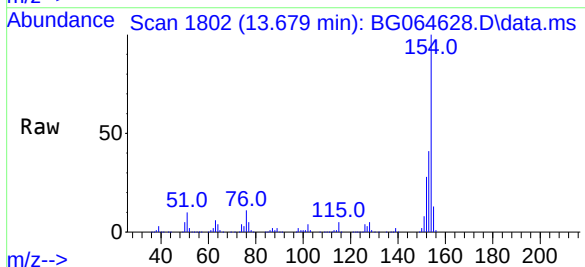
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

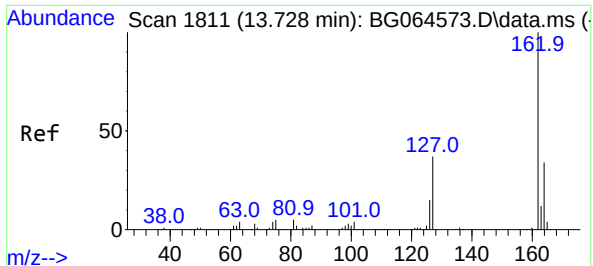
Tgt Ion:172 Resp: 366213
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 54.107 ng
RT: 13.679 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:154 Resp: 365386
Ion Ratio Lower Upper
154 100
153 40.6 22.4 62.4
76 11.5 0.0 33.5

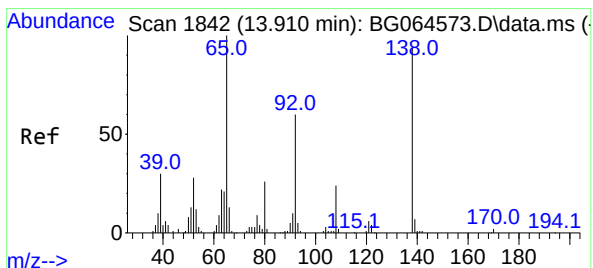
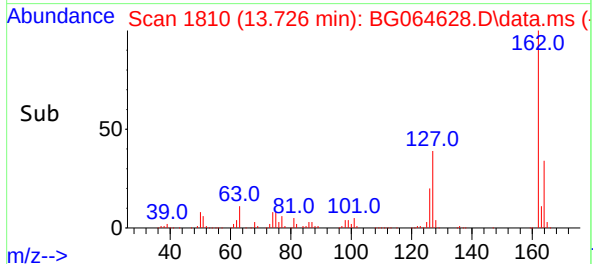
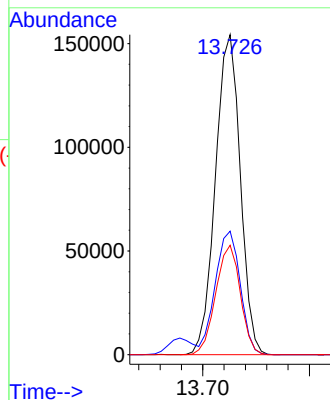
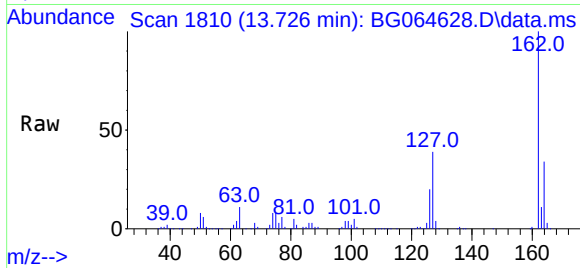




#47
2-Chloronaphthalene
Concen: 48.952 ng
RT: 13.726 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

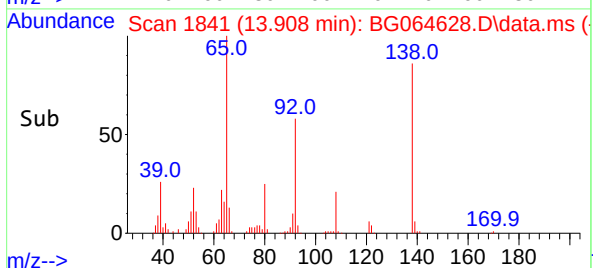
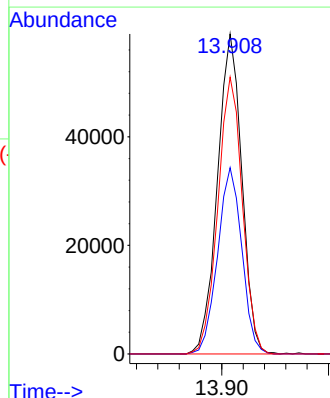
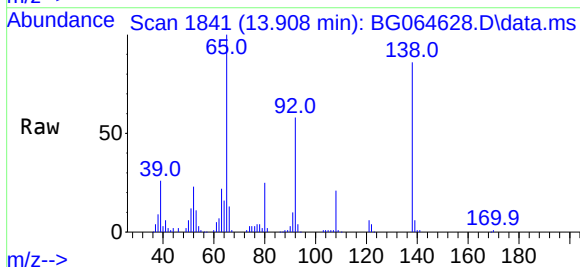
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

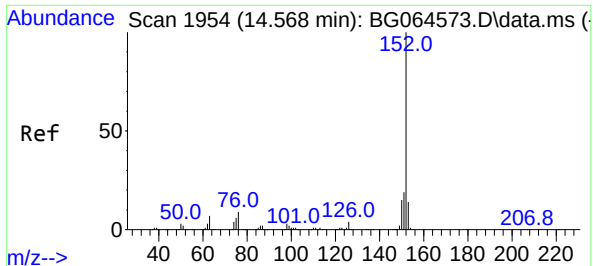
Tgt Ion:162 Resp: 249530
Ion Ratio Lower Upper
162 100
127 38.6 32.2 48.2
164 34.2 27.5 41.3



#48
2-Nitroaniline
Concen: 54.228 ng
RT: 13.908 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion: 65 Resp: 93564
Ion Ratio Lower Upper
65 100
92 58.2 48.3 72.5
138 86.5 74.9 112.3





#49

Acenaphthylene

Concen: 54.693 ng

RT: 14.566 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

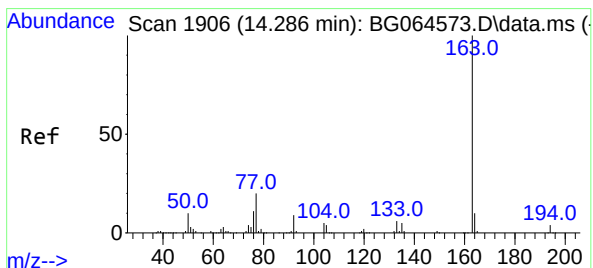
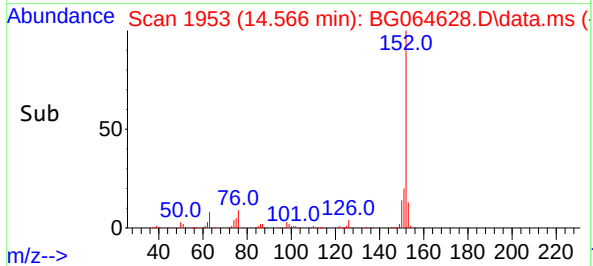
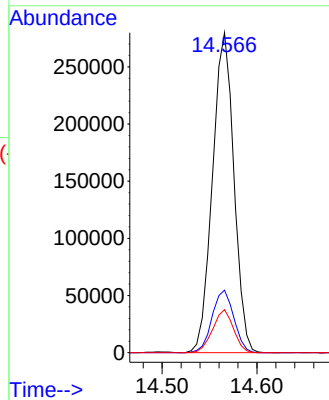
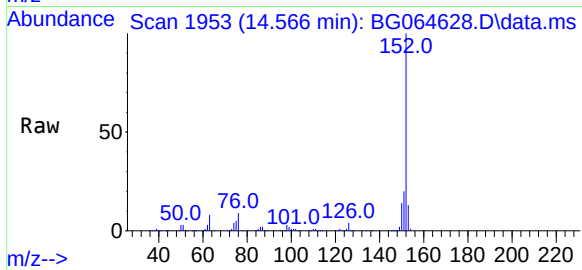
Tgt Ion:152 Resp: 439745

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

153 13.5 11.0 16.4



#50

Dimethylphthalate

Concen: 47.761 ng

RT: 14.284 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

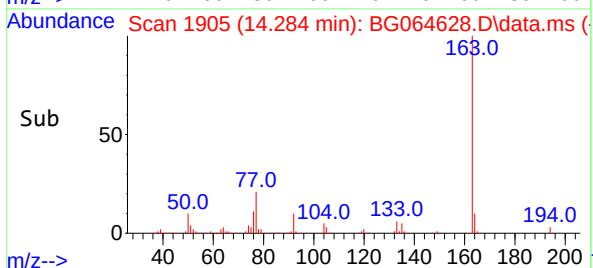
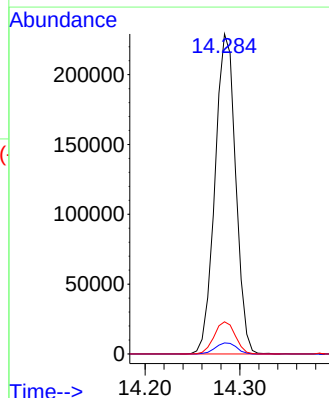
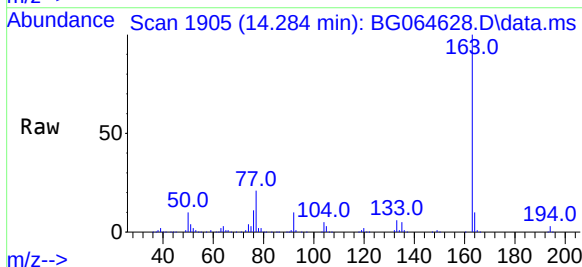
Tgt Ion:163 Resp: 347153

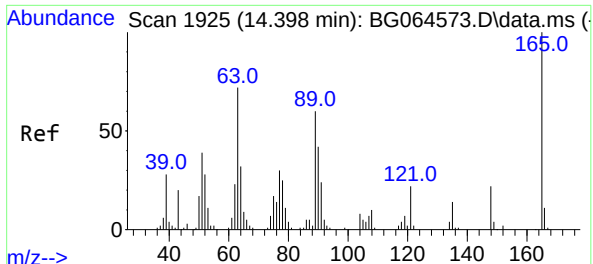
Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

164 10.1 7.7 11.5

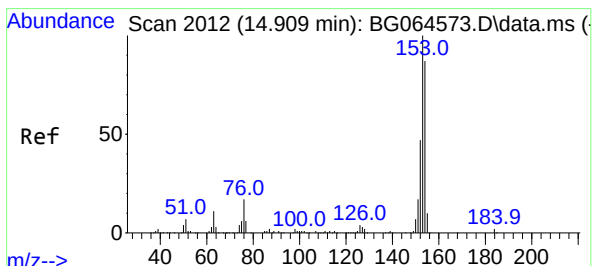
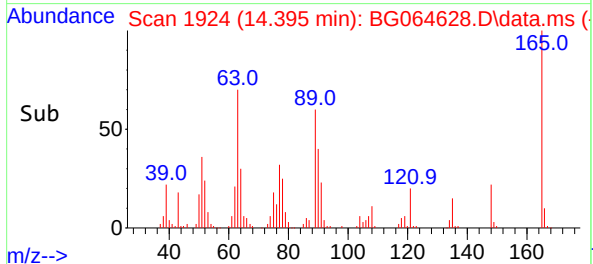
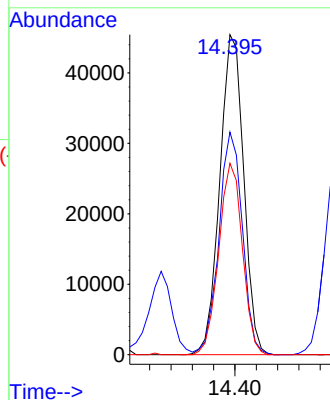
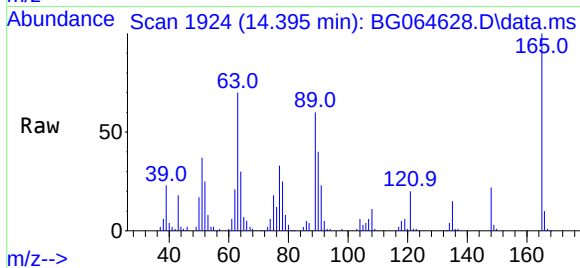




#51
2,6-Dinitrotoluene
Concen: 58.141 ng
RT: 14.395 min Scan# 1925
Delta R.T. -0.007 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

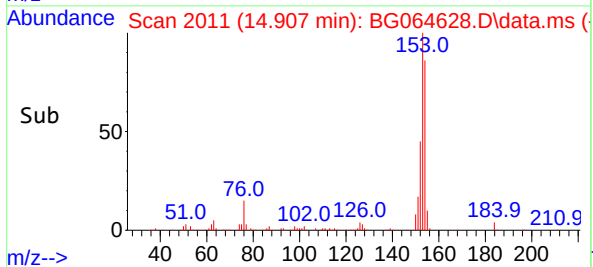
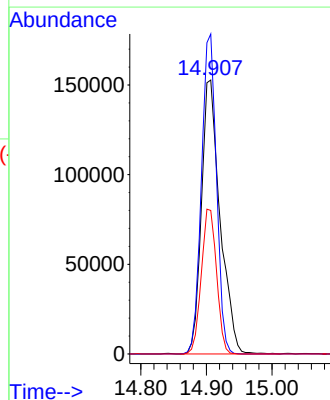
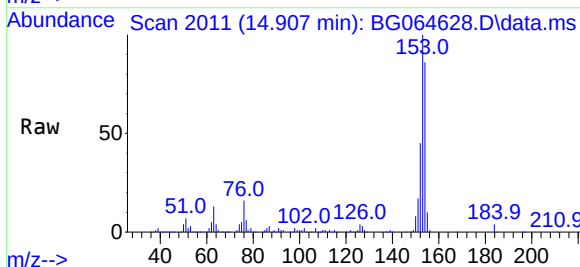
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

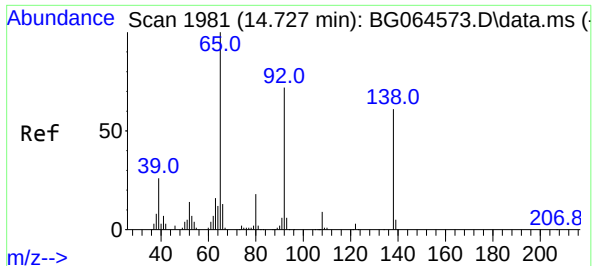
Tgt Ion:165 Resp: 70596
Ion Ratio Lower Upper
165 100
63 69.6 57.4 86.0
89 59.8 47.8 71.8



#52
Acenaphthene
Concen: 54.976 ng
RT: 14.907 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:154 Resp: 301997
Ion Ratio Lower Upper
154 100
153 116.8 92.2 138.4
152 52.4 43.2 64.8

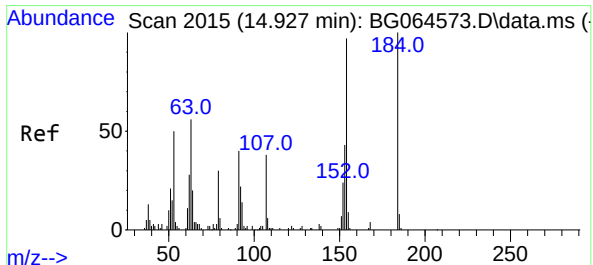
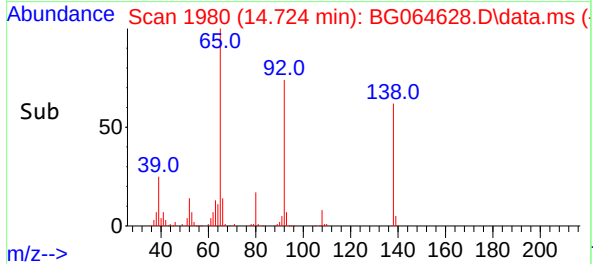
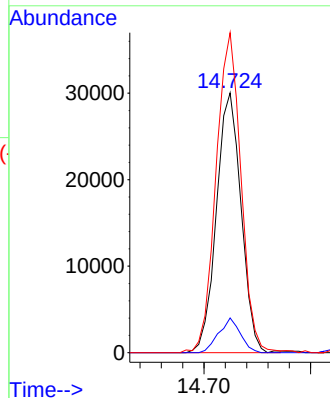
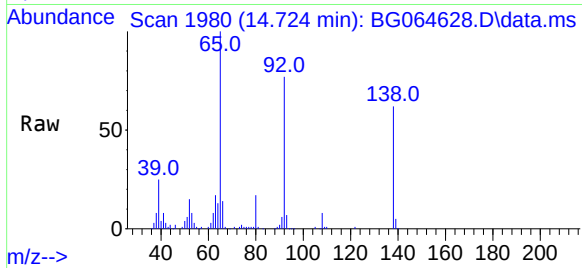




#53
3-Nitroaniline
Concen: 38.655 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

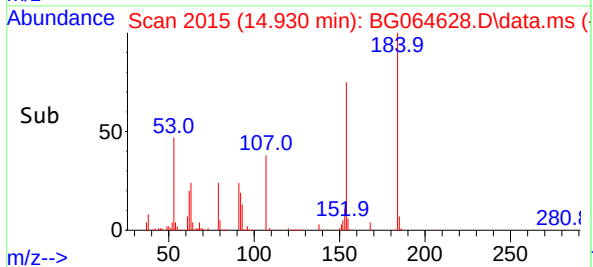
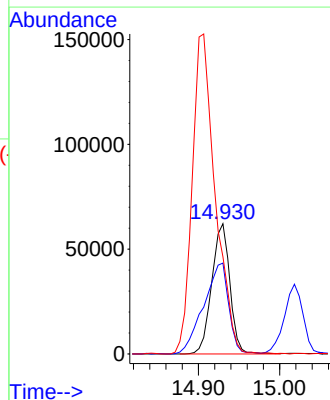
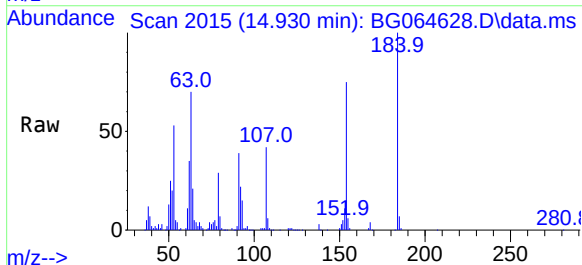
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

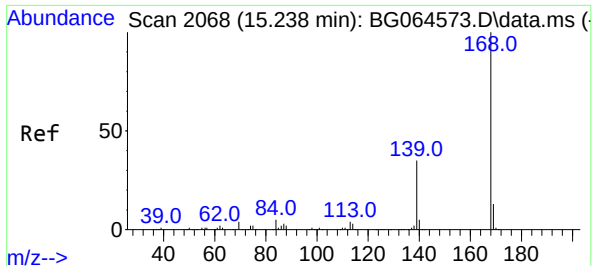
Tgt Ion:138 Resp: 48285
Ion Ratio Lower Upper
138 100
108 13.4 11.4 17.0
92 123.2 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 127.399 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:184 Resp: 96369
Ion Ratio Lower Upper
184 100
63 69.8 56.6 85.0
154 74.7 158.6 238.0#

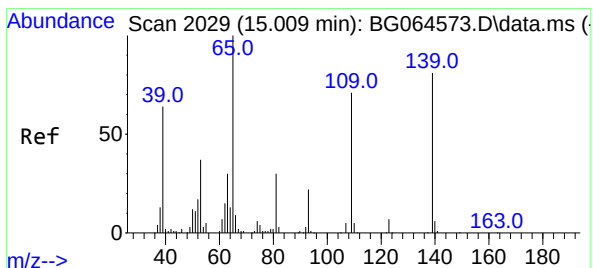
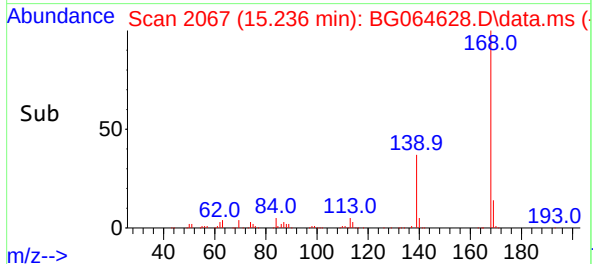
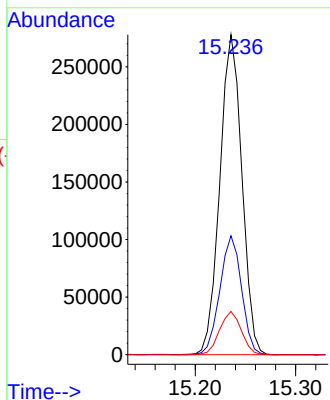
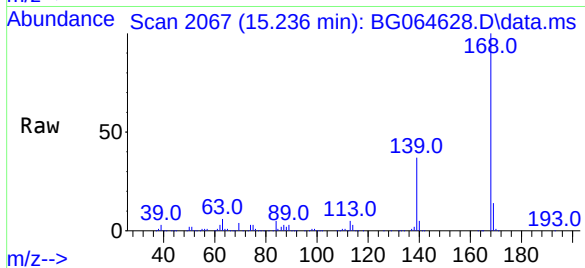




#55
Dibenzenofuran
Concen: 47.718 ng
RT: 15.236 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

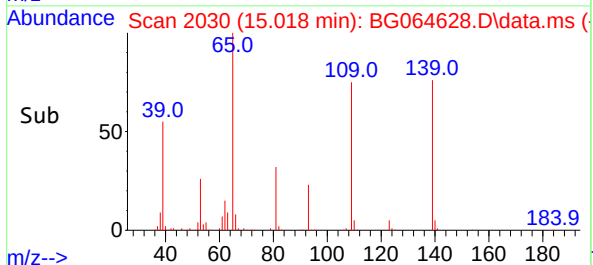
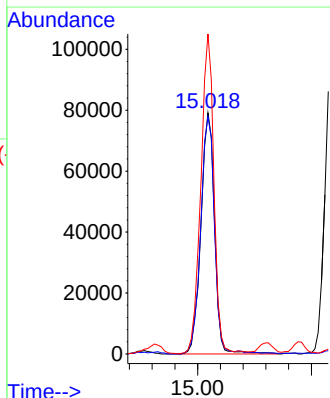
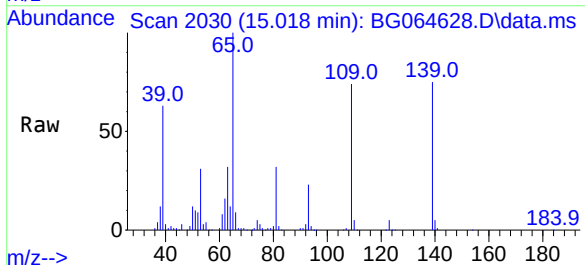
Instrument : BNA_G
ClientSampleId : PR-132-S16-015094-20251021MSD

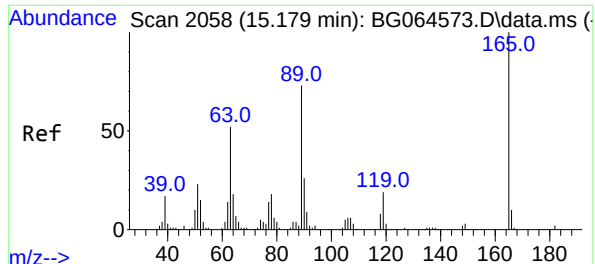
Tgt Ion:168 Resp: 423783
Ion Ratio Lower Upper
168 100
139 37.1 27.8 41.8
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 113.444 ng
RT: 15.018 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

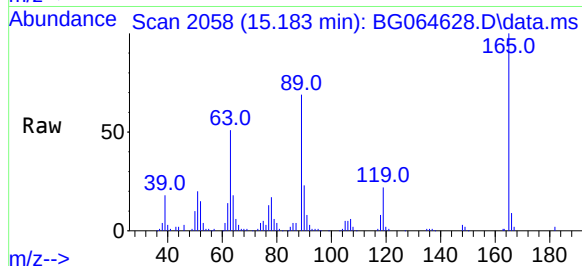
Tgt Ion:139 Resp: 131383
Ion Ratio Lower Upper
139 100
109 98.3 67.8 107.8
65 132.7 103.7 143.7



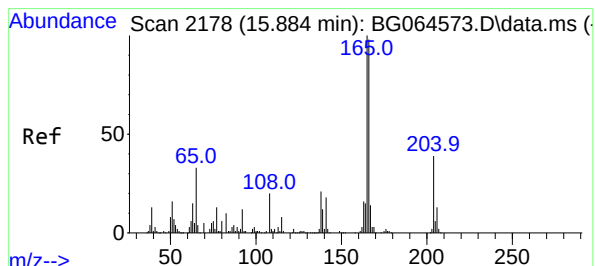
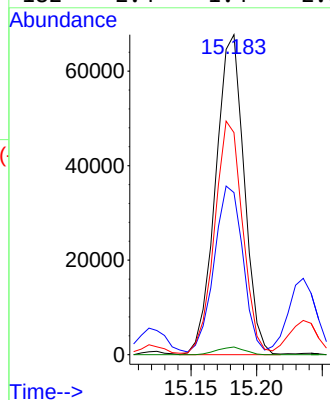
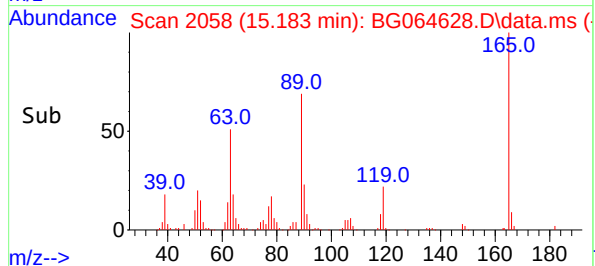


#57
2,4-Dinitrotoluene
Concen: 54.664 ng
RT: 15.183 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

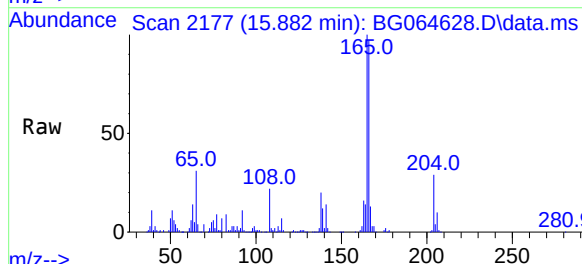
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD



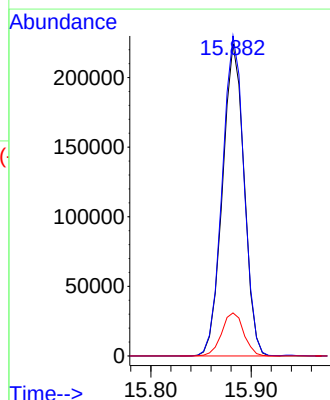
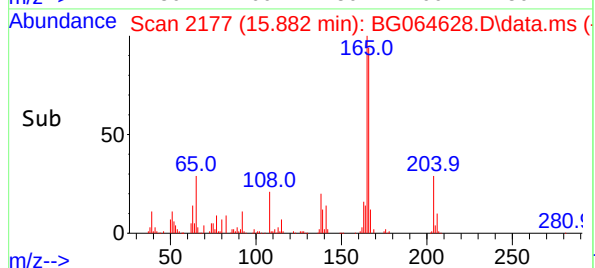
Tgt Ion:165 Resp: 102203
Ion Ratio Lower Upper
165 100
63 50.7 41.8 62.8
89 69.4 58.1 87.1
182 2.4 1.4 2.0#

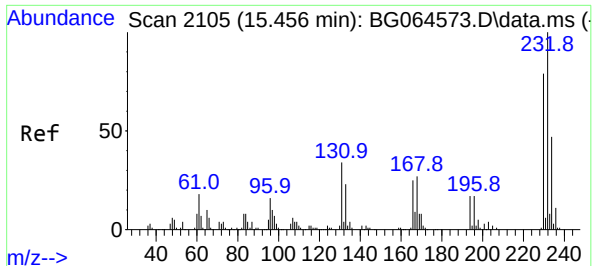


#58
Fluorene
Concen: 48.236 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15



Tgt Ion:166 Resp: 334548
Ion Ratio Lower Upper
166 100
165 102.6 81.5 122.3
167 13.8 11.4 17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.261 ng

RT: 15.453 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BG064628.D

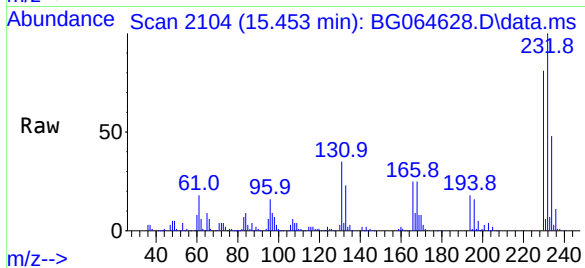
Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:232 Resp: 117236

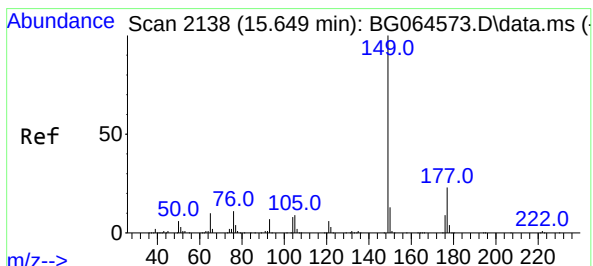
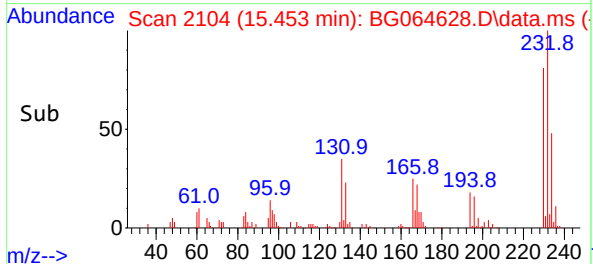
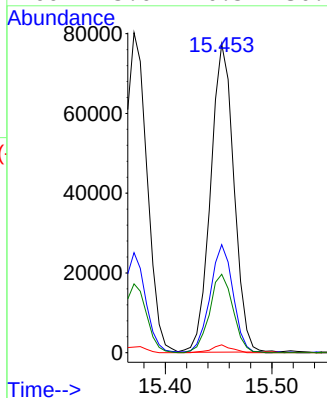
Ion Ratio Lower Upper

232 100

131 34.6 26.7 40.1

130 2.1 1.6 2.4

166 25.6 20.5 30.7



#60

Diethylphthalate

Concen: 47.184 ng

RT: 15.641 min Scan# 2136

Delta R.T. -0.012 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

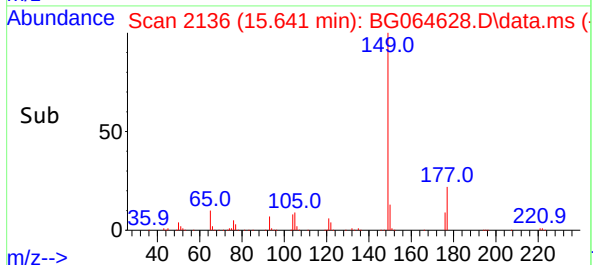
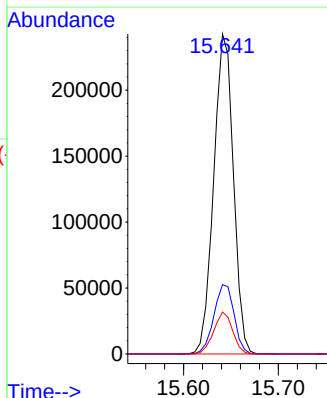
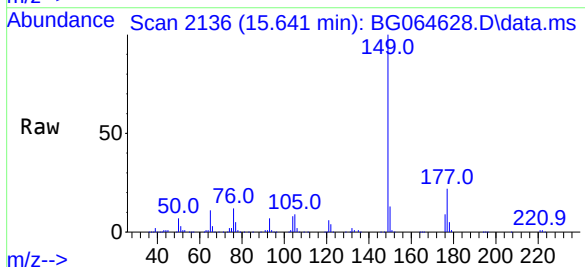
Tgt Ion:149 Resp: 350180

Ion Ratio Lower Upper

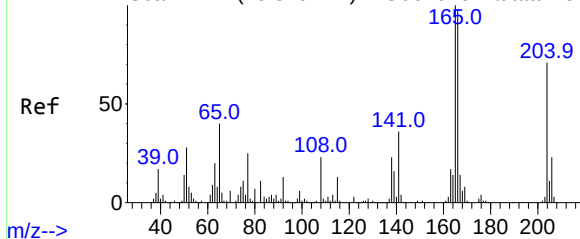
149 100

177 21.7 18.0 27.0

150 13.1 10.2 15.4



Abundance Scan 2177 (15.879 min): BG064573.D\data.ms (

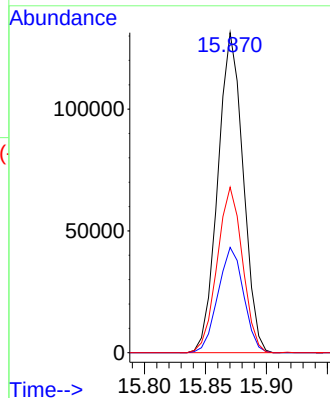
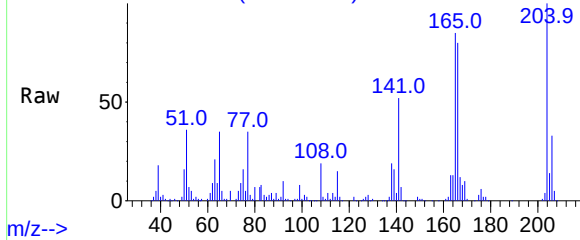


#61
4-Chlorophenyl-phenylether
Concen: 48.686 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

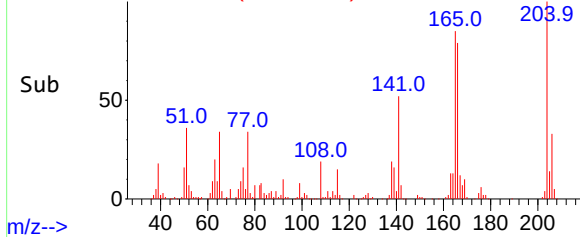
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:204 Resp: 189500
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 51.7 40.6 60.8

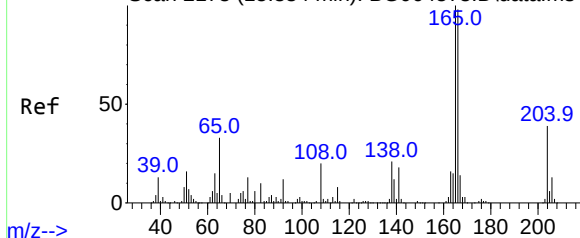
Abundance Scan 2175 (15.870 min): BG064628.D\data.ms



Abundance Scan 2175 (15.870 min): BG064628.D\data.ms (



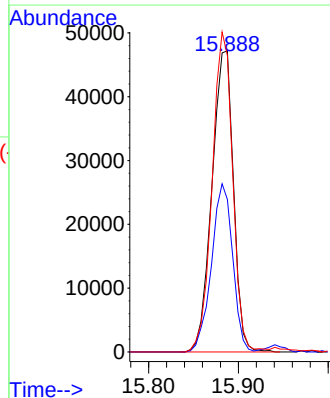
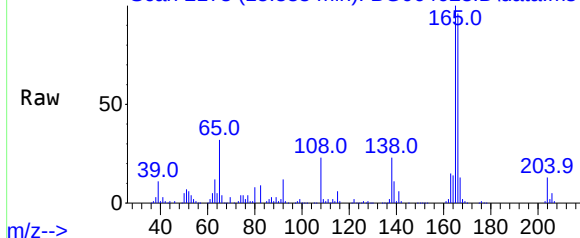
Abundance Scan 2178 (15.884 min): BG064573.D\data.ms (



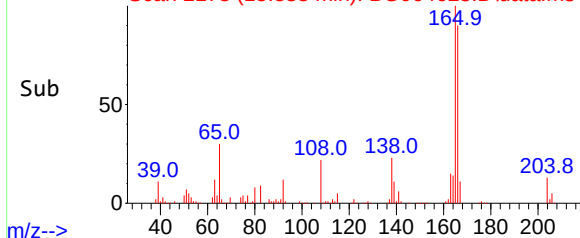
#62
4-Nitroaniline
Concen: 56.473 ng
RT: 15.888 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

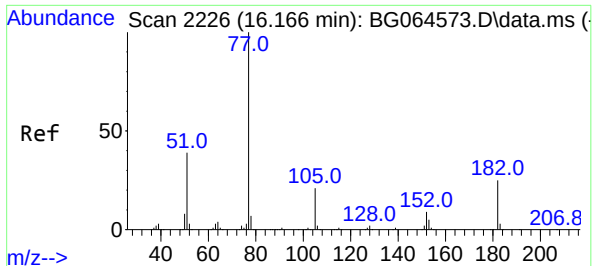
Tgt Ion:138 Resp: 78479
Ion Ratio Lower Upper
138 100
92 50.6 36.1 76.1
108 98.4 75.6 115.6

Abundance Scan 2178 (15.888 min): BG064628.D\data.ms



Abundance Scan 2178 (15.888 min): BG064628.D\data.ms (

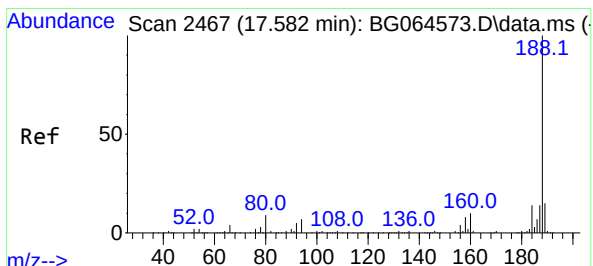
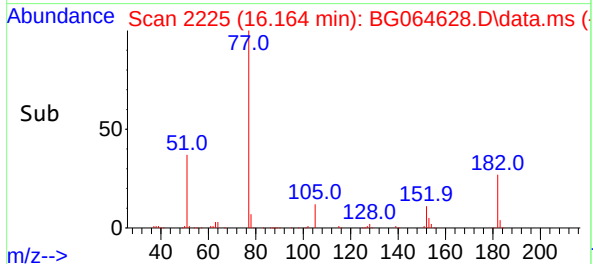
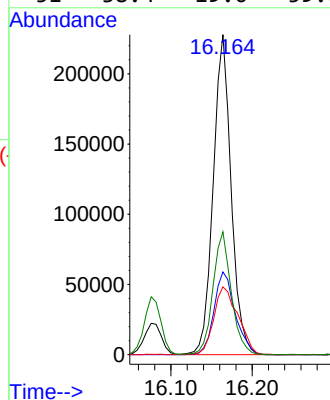
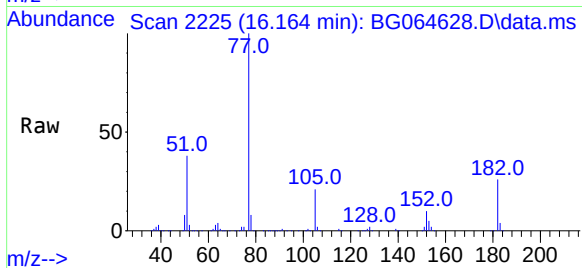




#63
Azobenzene
Concen: 51.319 ng
RT: 16.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

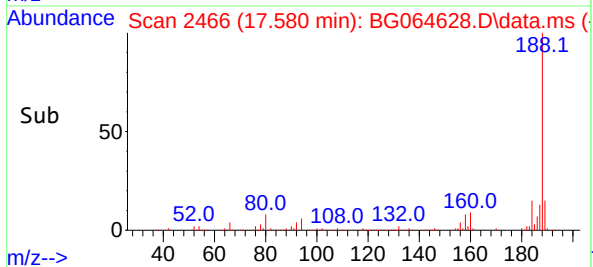
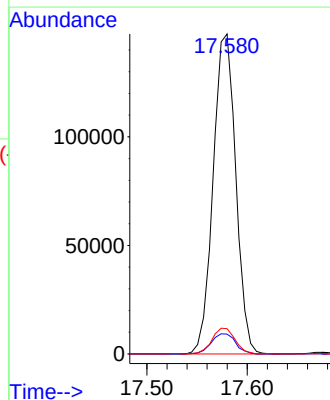
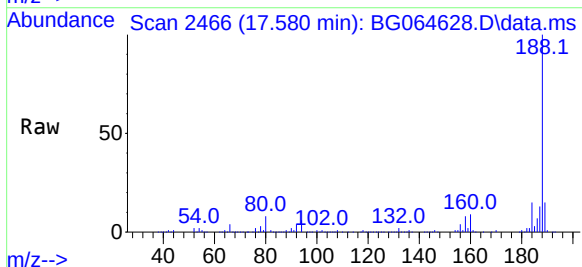
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:	77	Resp:	349461
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.9	44.9
105	21.2	1.3	41.3
51	38.4	19.0	59.0

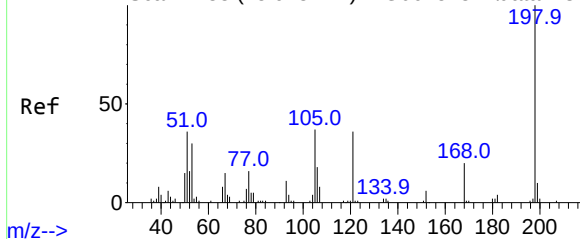


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:	188	Resp:	230638
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.9	6.8	10.2



Abundance Scan 2188 (15.943 min): BG064573.D\data.ms (

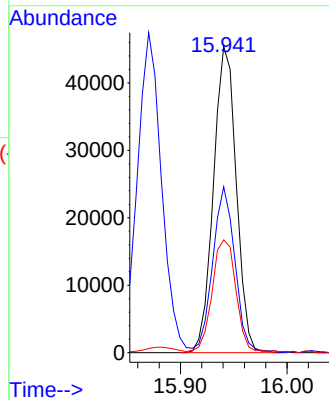
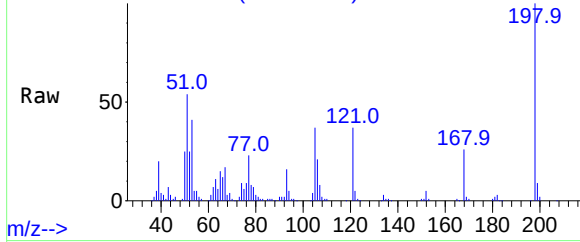


#65
4,6-Dinitro-2-methylphenol
Concen: 64.272 ng
RT: 15.941 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

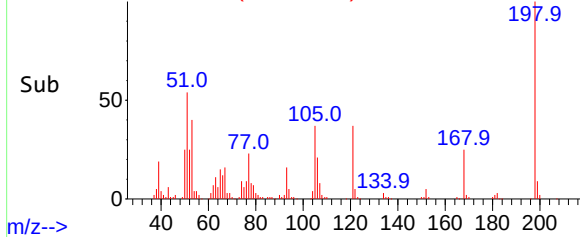
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:198 Resp: 67333
Ion Ratio Lower Upper
198 100
51 54.1 24.7 64.7
105 36.8 18.0 58.0

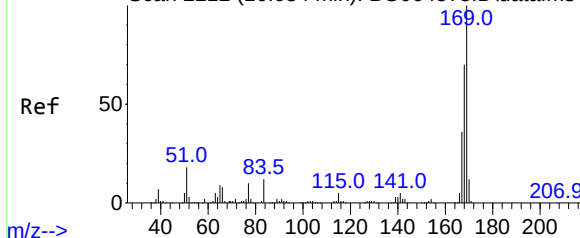
Abundance Scan 2187 (15.941 min): BG064628.D\data.ms



Abundance Scan 2187 (15.941 min): BG064628.D\data.ms (



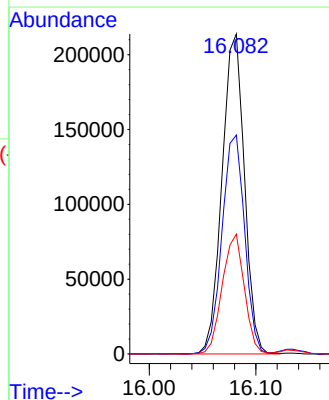
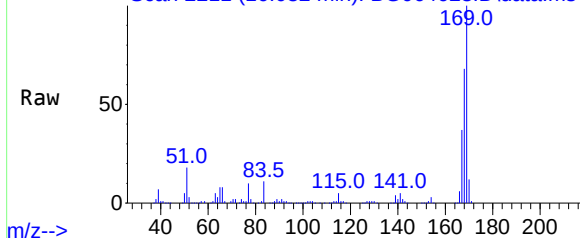
Abundance Scan 2212 (16.084 min): BG064573.D\data.ms (



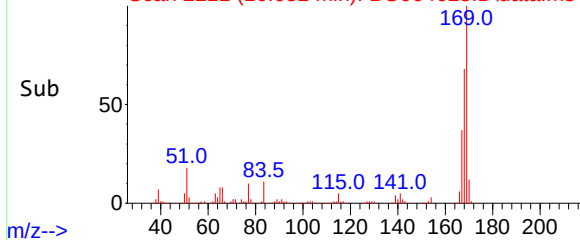
#66
n-Nitrosodiphenylamine
Concen: 49.959 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

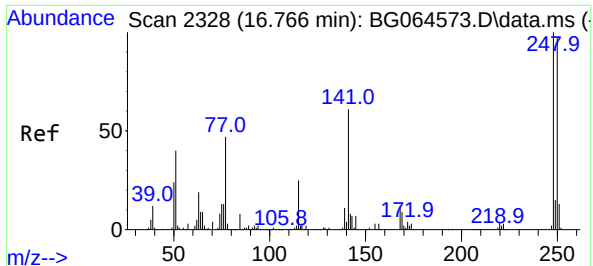
Tgt Ion:169 Resp: 311250
Ion Ratio Lower Upper
169 100
168 68.4 56.3 84.5
167 37.5 29.0 43.6

Abundance Scan 2211 (16.082 min): BG064628.D\data.ms



Abundance Scan 2211 (16.082 min): BG064628.D\data.ms (

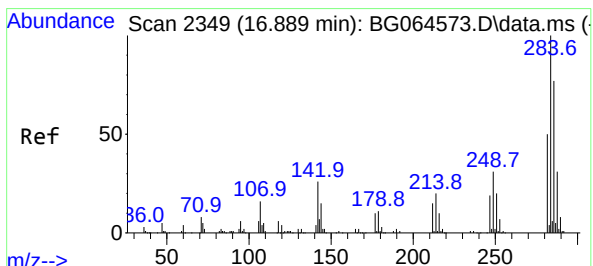
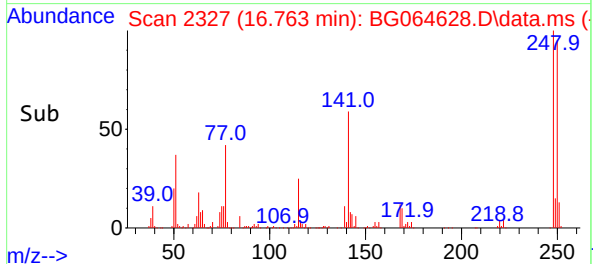
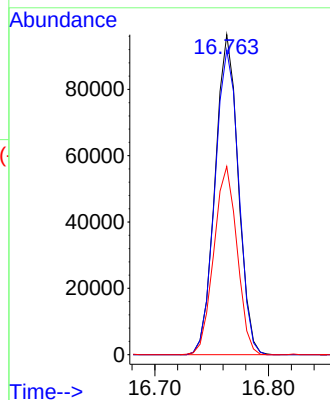
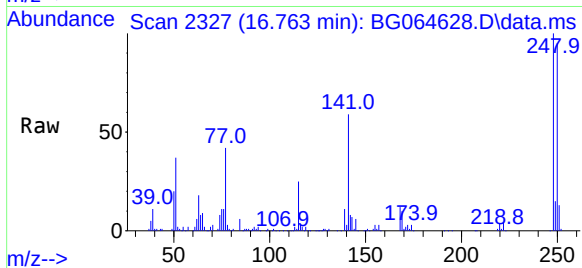




#67
4-Bromophenyl-phenylether
Concen: 49.838 ng
RT: 16.763 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

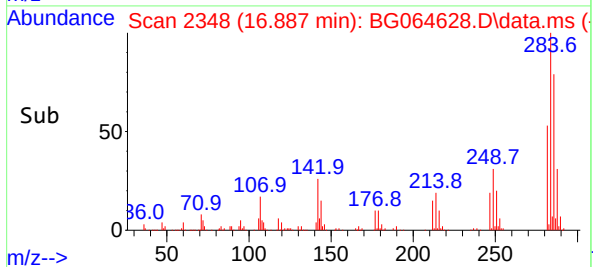
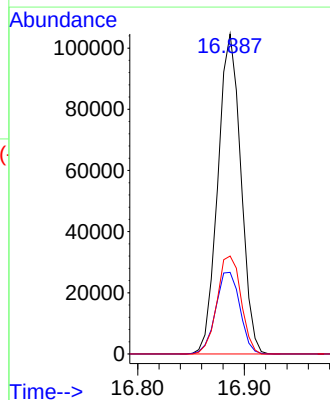
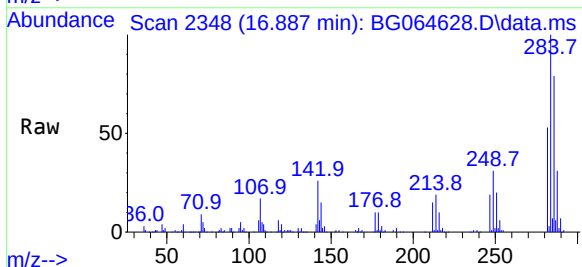
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

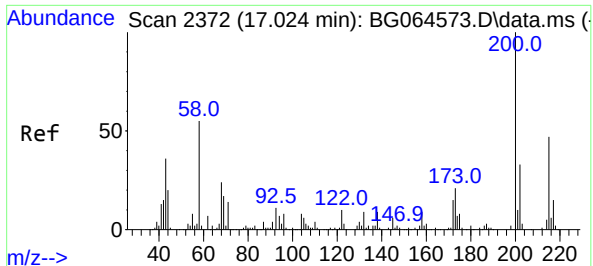
Tgt Ion:248 Resp: 136215
Ion Ratio Lower Upper
248 100
250 95.2 77.7 116.5
141 58.8 48.6 72.8



#68
Hexachlorobenzene
Concen: 50.163 ng
RT: 16.887 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:284 Resp: 156412
Ion Ratio Lower Upper
284 100
142 25.5 21.0 31.6
249 30.6 24.9 37.3

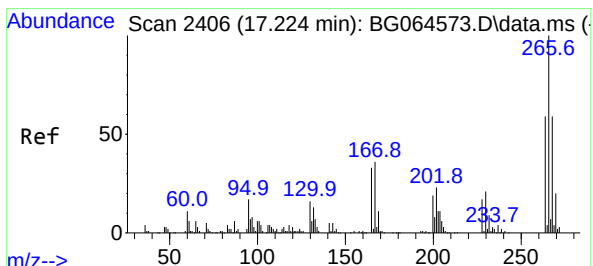
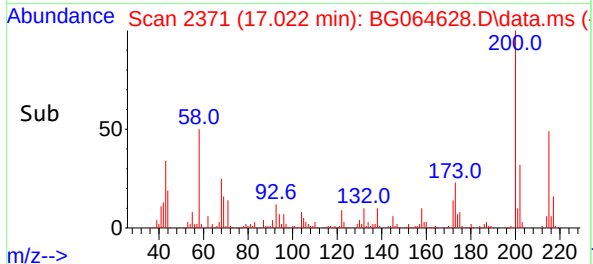
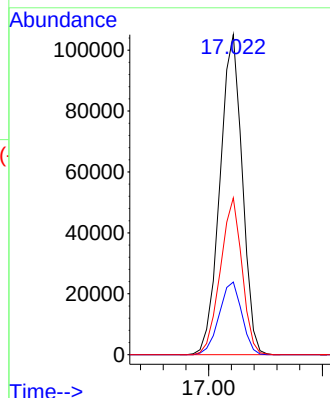
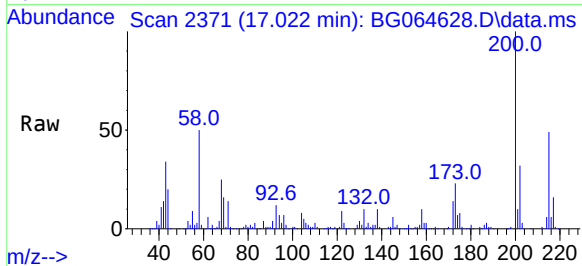




#69
Atrazine
Concen: 53.460 ng
RT: 17.022 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

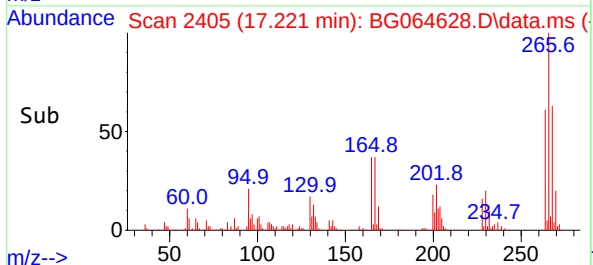
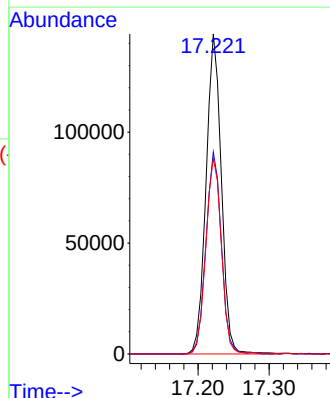
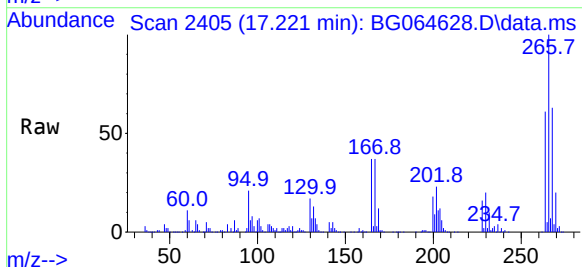
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

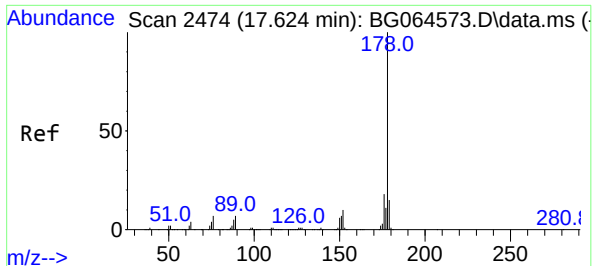
Tgt Ion:200 Resp: 143329
Ion Ratio Lower Upper
200 100
173 22.7 0.9 40.9
215 49.0 27.0 67.0



#70
Pentachlorophenol
Concen: 111.038 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:266 Resp: 215900
Ion Ratio Lower Upper
266 100
268 67.4 50.3 75.5
264 61.2 47.3 70.9

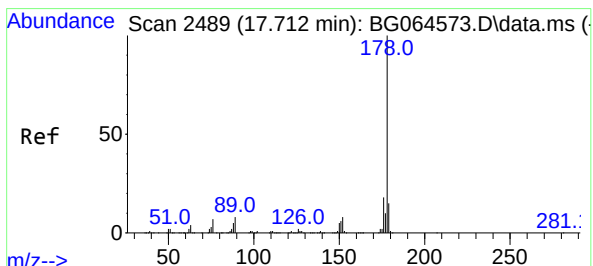
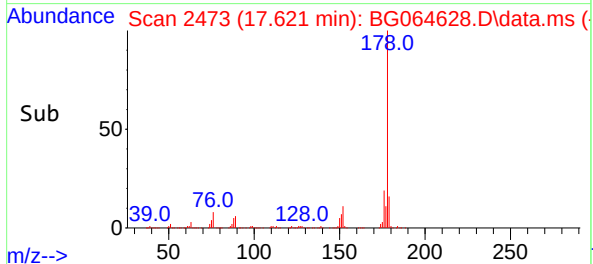
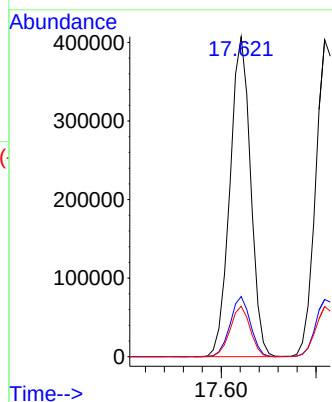
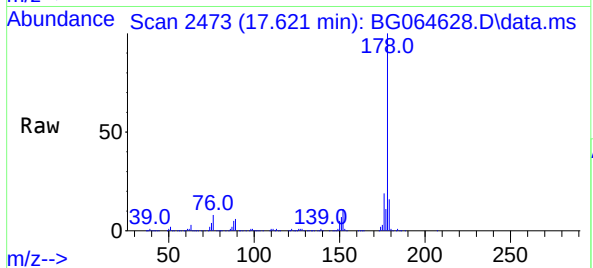




#71
Phenanthrene
Concen: 48.725 ng
RT: 17.621 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

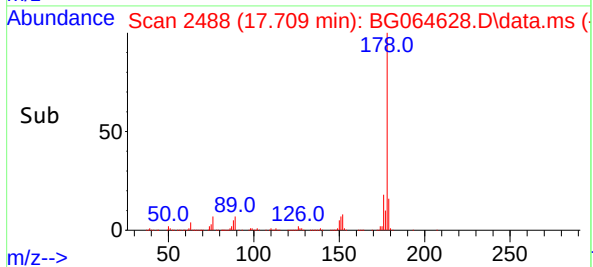
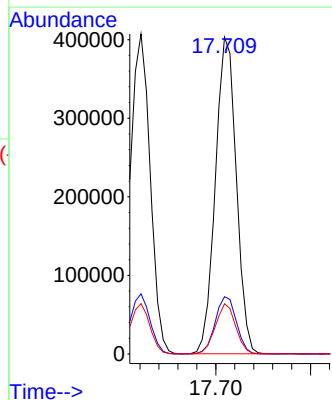
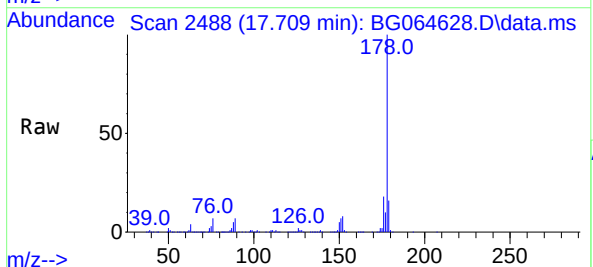
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

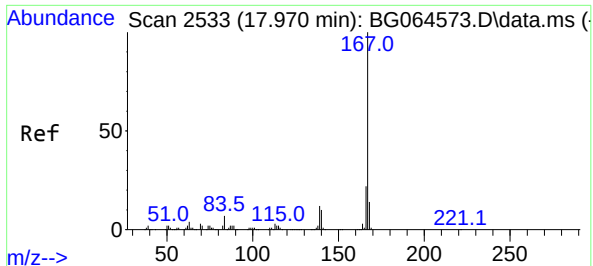
Tgt Ion:178 Resp: 614558
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.8 12.2 18.4



#72
Anthracene
Concen: 48.191 ng
RT: 17.709 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:178 Resp: 618291
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.8 12.4 18.6

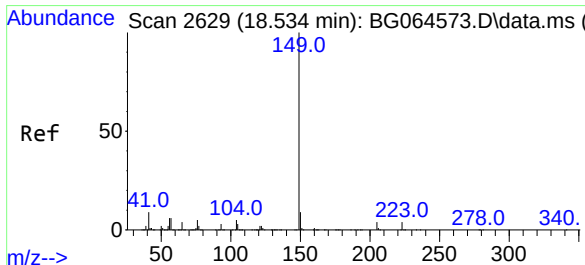
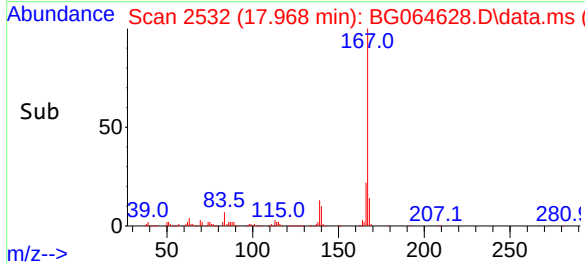
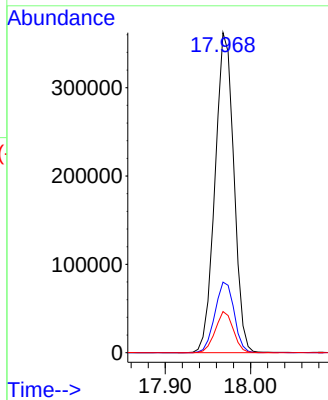
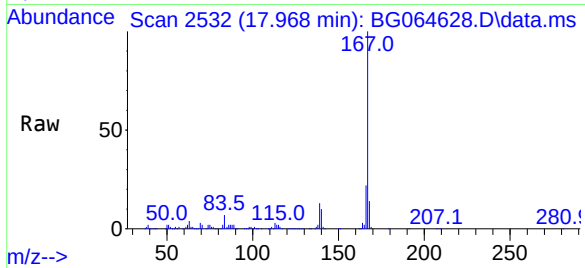




#73
Carbazole
Concen: 49.079 ng
RT: 17.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

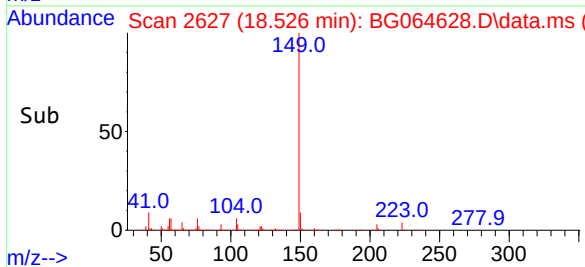
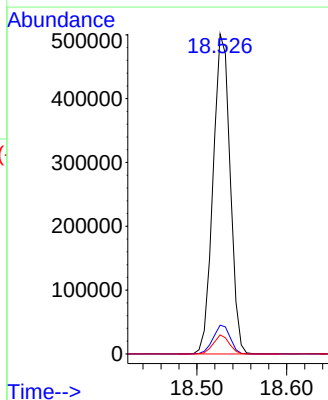
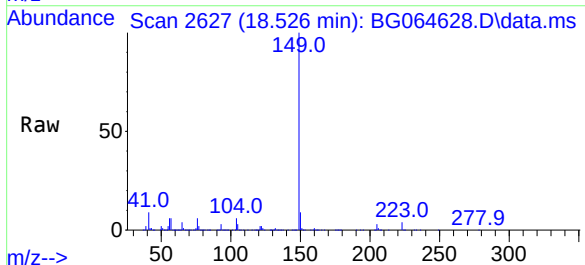
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

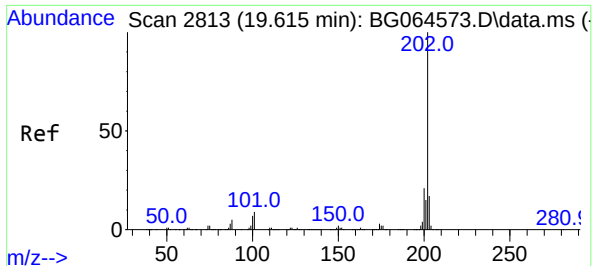
Tgt Ion:167 Resp: 555268
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 12.8 9.7 14.5



#74
Di-n-butylphthalate
Concen: 50.481 ng
RT: 18.526 min Scan# 2627
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 660445
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 6.0 4.1 6.1

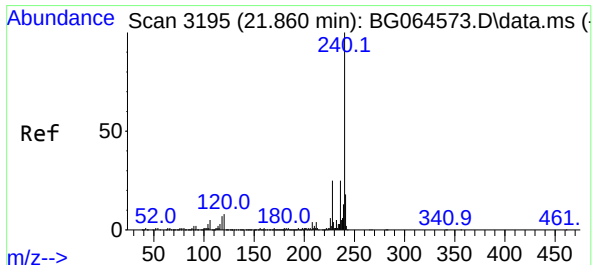
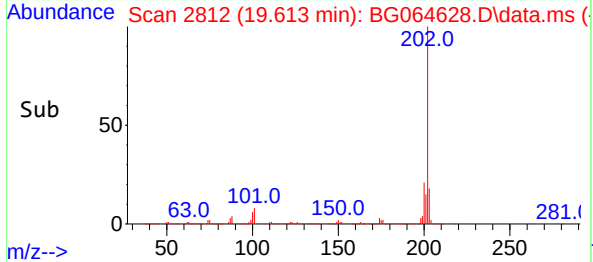
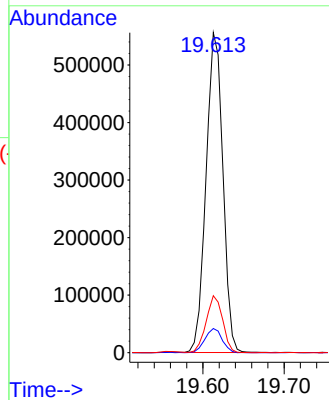
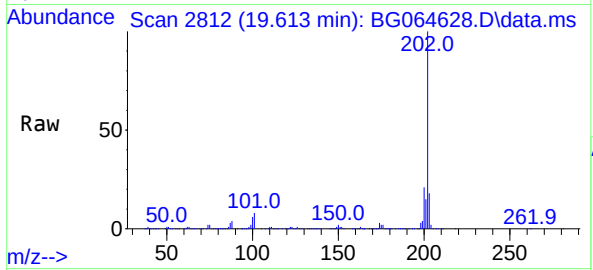




#75
Fluoranthene
Concen: 50.549 ng
RT: 19.613 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

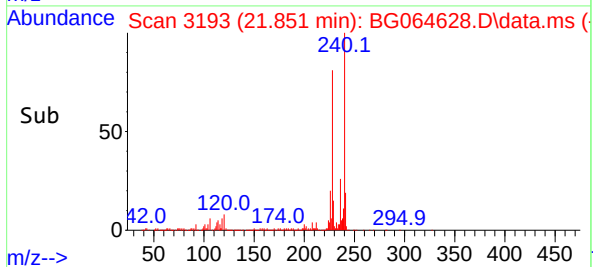
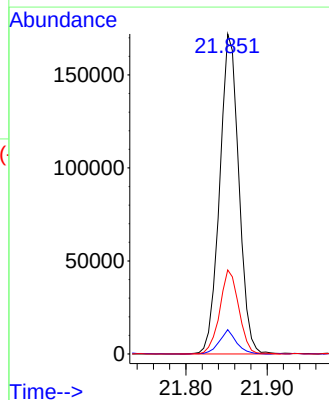
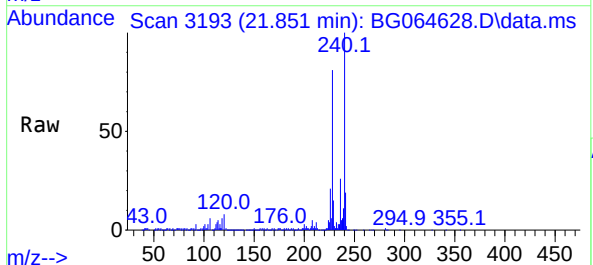
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

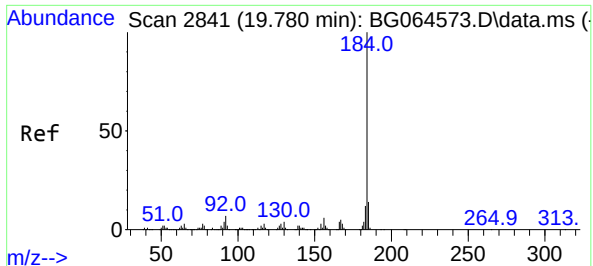
Tgt Ion:202 Resp: 798695
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.7
203 17.8 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:240 Resp: 282250
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 26.3 20.2 30.2

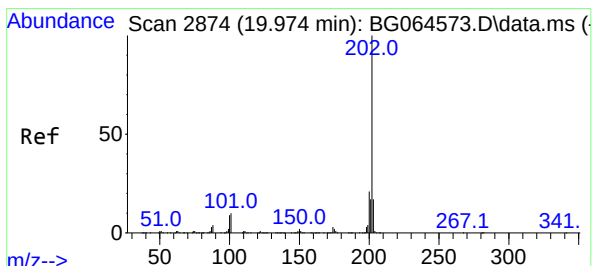
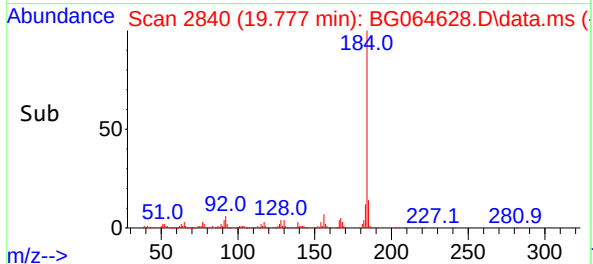
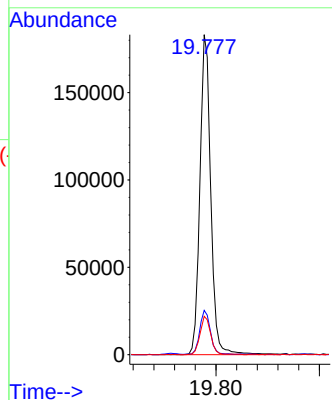
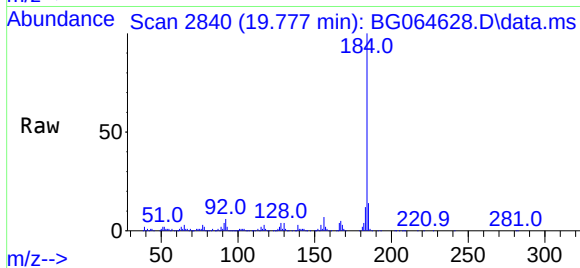




#77
Benzidine
Concen: 42.107 ng
RT: 19.777 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

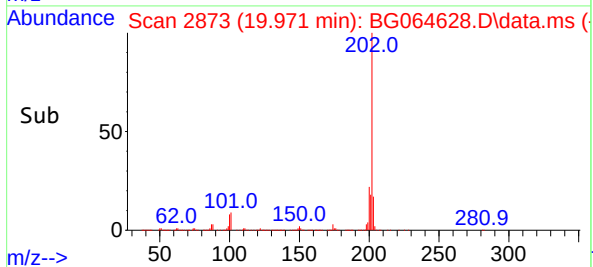
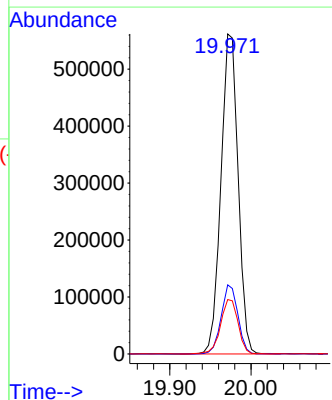
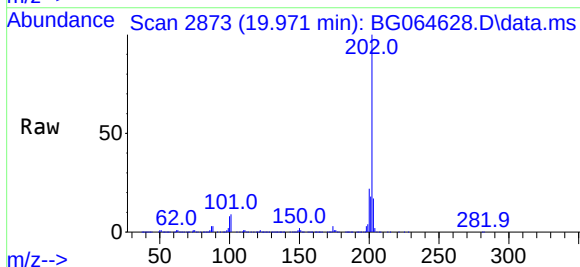
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

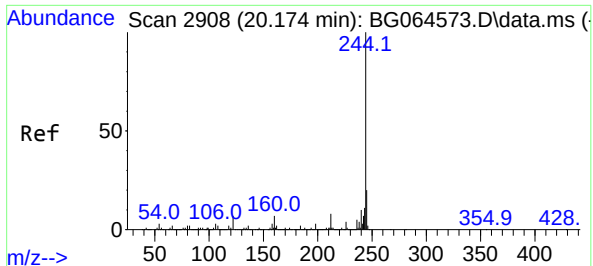
Tgt Ion:184 Resp: 266267
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 12.0 9.4 14.2



#78
Pyrene
Concen: 44.797 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:202 Resp: 826087
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.0 13.8 20.6

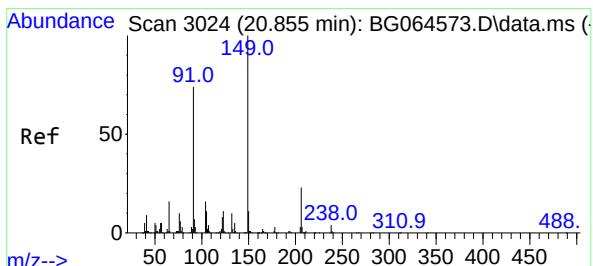
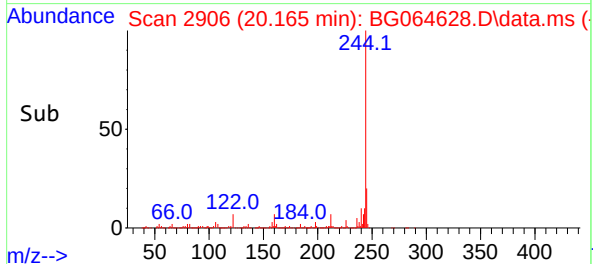
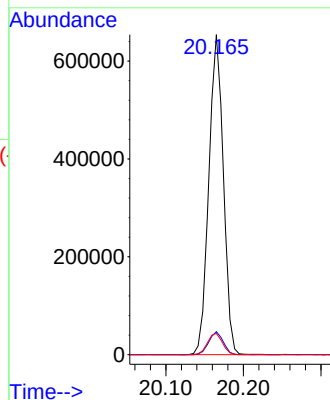
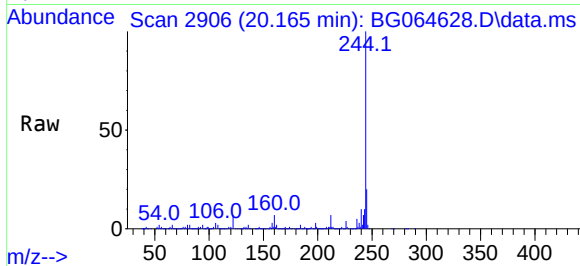




#79
Terphenyl-d14
Concen: 57.063 ng
RT: 20.165 min Scan# 2906
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

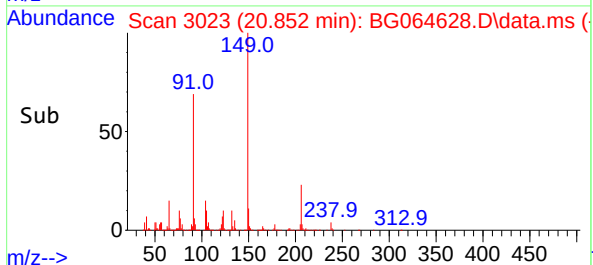
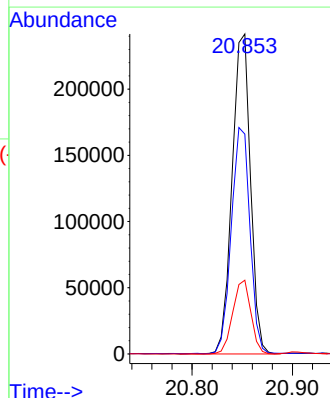
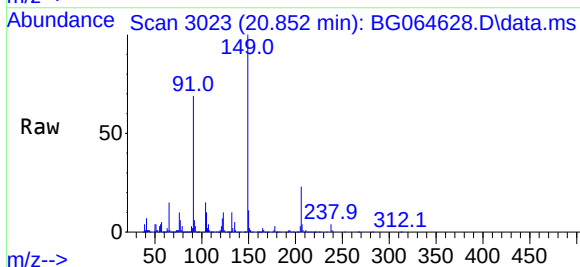
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

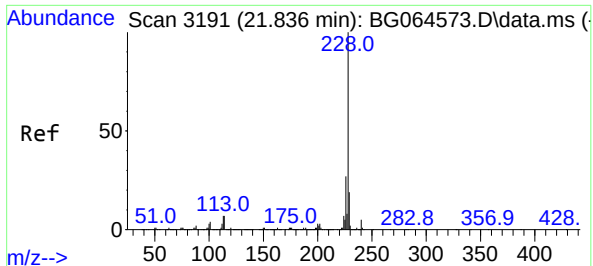
Tgt Ion:244 Resp: 853453
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 55.127 ng
RT: 20.852 min Scan# 3023
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:149 Resp: 307248
Ion Ratio Lower Upper
149 100
91 68.7 59.2 88.8
206 23.1 18.1 27.1

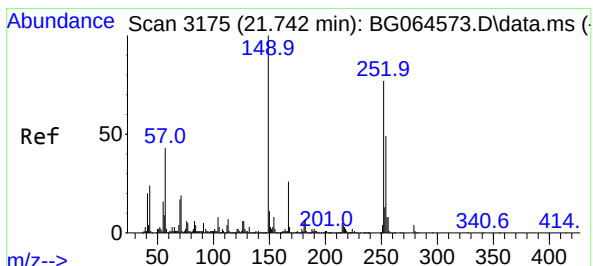
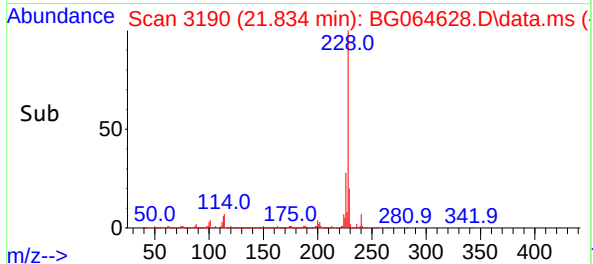
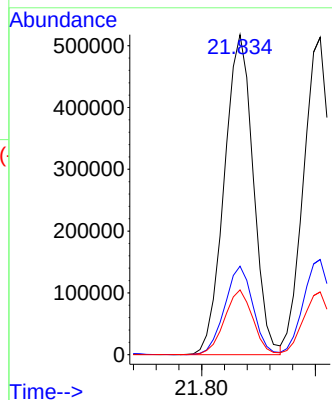
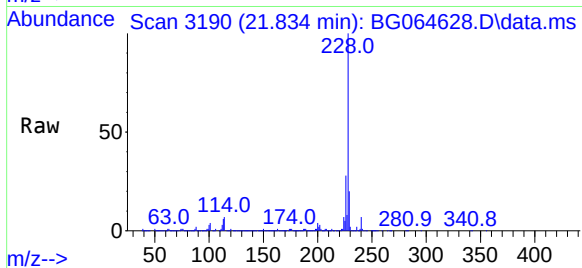




#81
Benzo(a)anthracene
Concen: 48.937 ng
RT: 21.834 min Scan# 3190
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

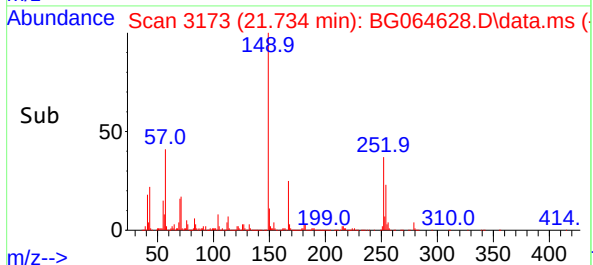
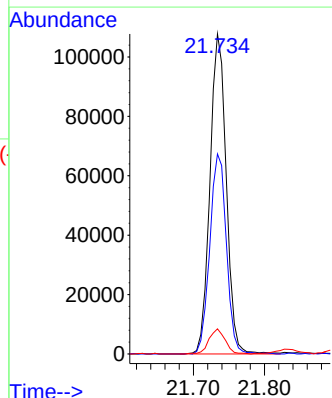
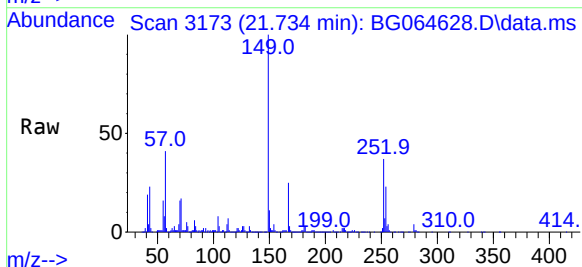
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

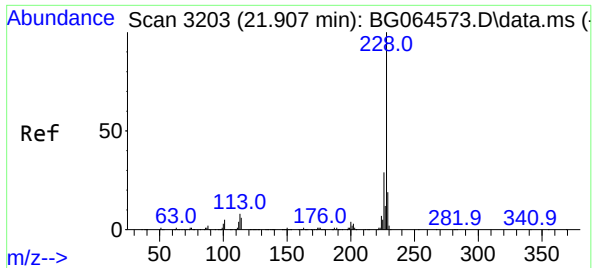
Tgt Ion:228 Resp: 915839
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 27.527 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 172028
Ion Ratio Lower Upper
252 100
254 62.5 50.8 76.2
126 7.8 5.8 8.6





#83

Chrysene

Concen: 48.119 ng

RT: 21.904 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021MSD

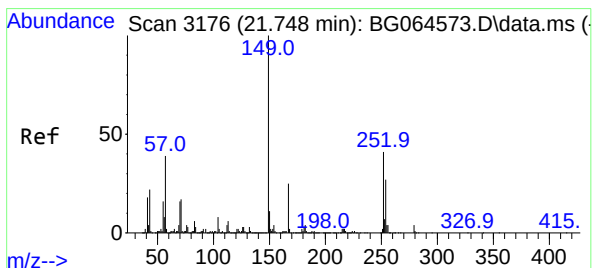
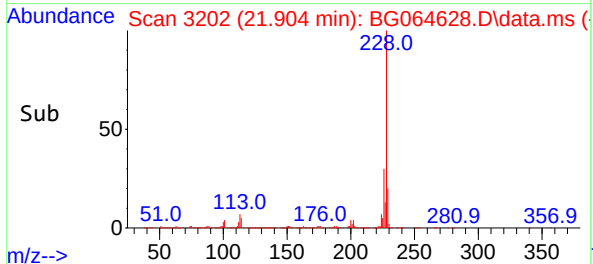
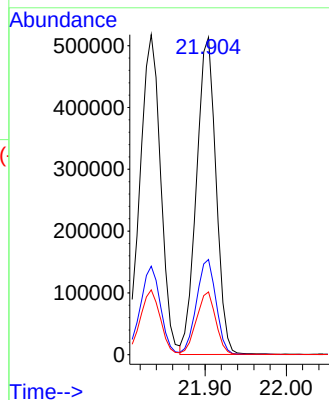
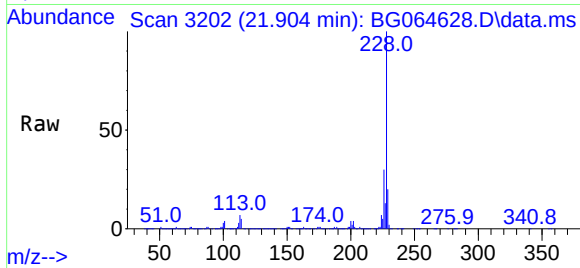
Tgt Ion:228 Resp: 856872

Ion Ratio Lower Upper

228 100

226 30.0 23.3 34.9

229 19.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.799 ng

RT: 21.740 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BG064628.D

Acq: 29 Oct 2025 18:15

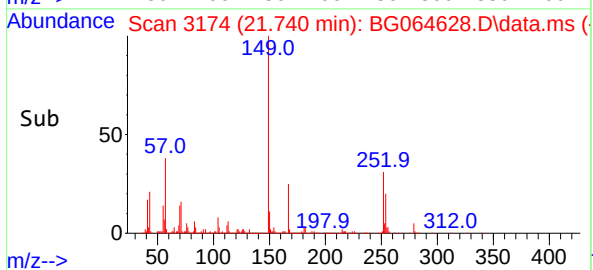
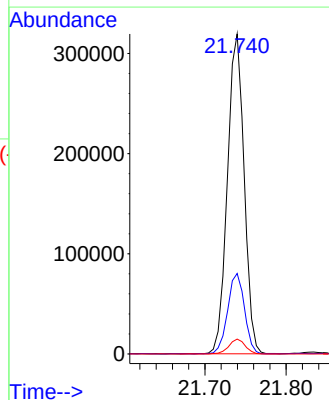
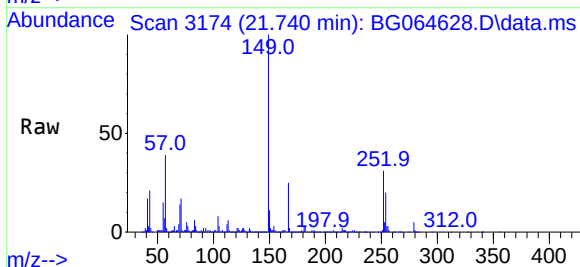
Tgt Ion:149 Resp: 456370

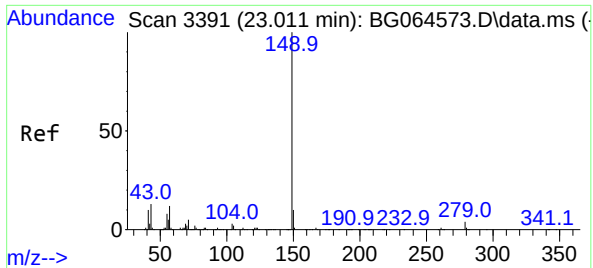
Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

279 4.7 3.1 4.7

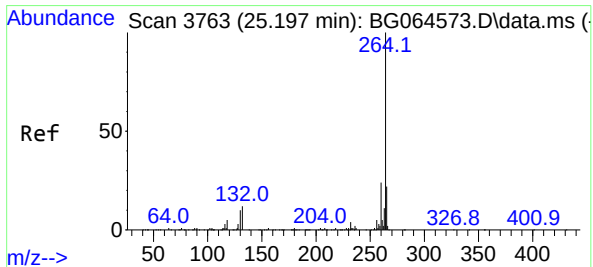
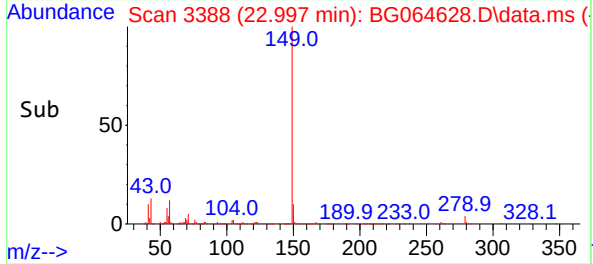
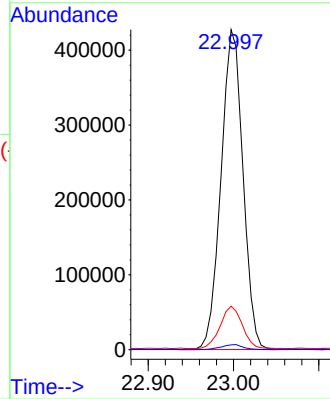
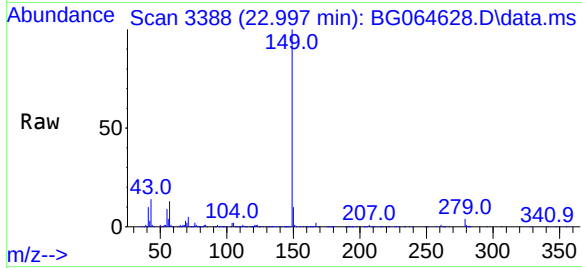




#85
Di-n-octyl phthalate
Concen: 54.307 ng
RT: 22.997 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

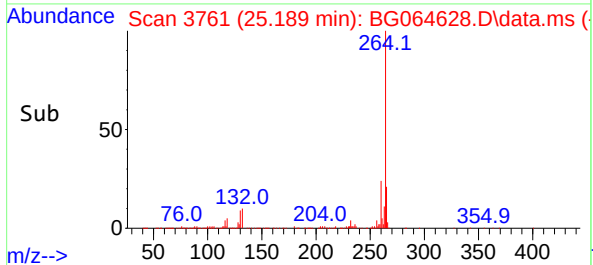
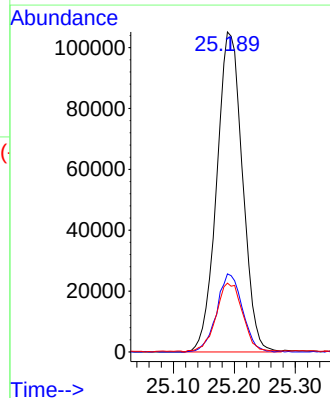
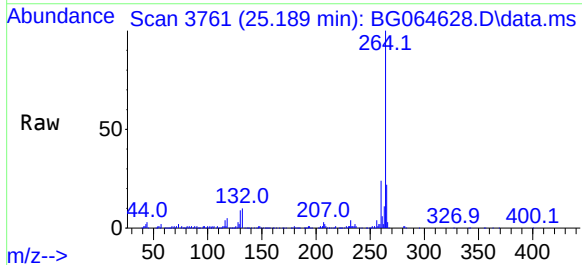
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

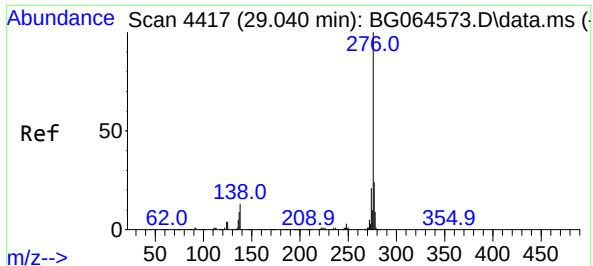
Tgt Ion:149 Resp: 762527
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.189 min Scan# 3761
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:264 Resp: 308600
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.5 17.6 26.4

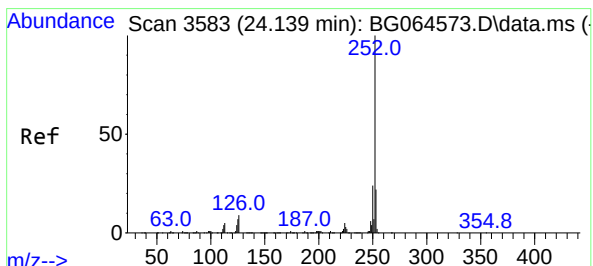
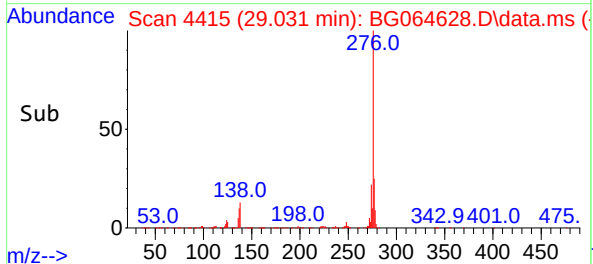
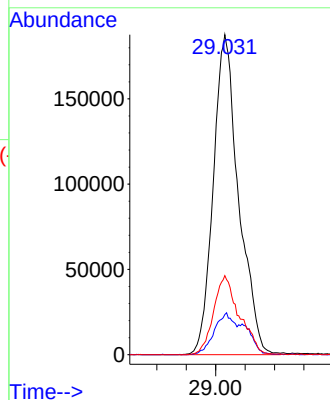
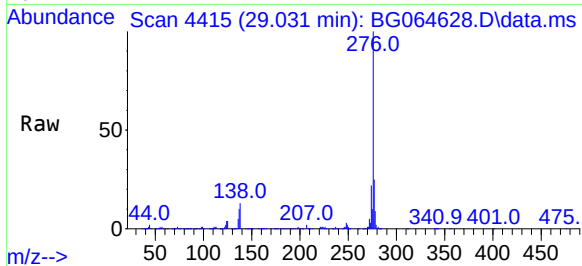




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.546 ng
RT: 29.031 min Scan# 4415
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

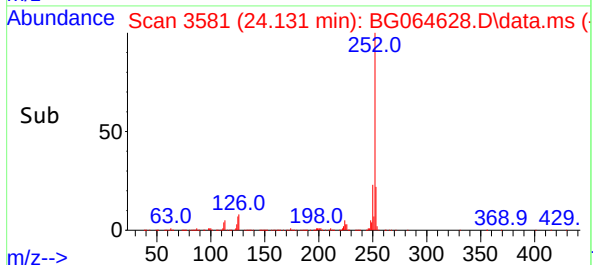
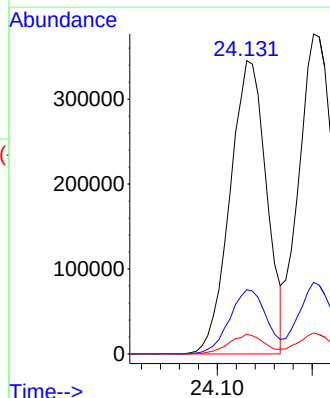
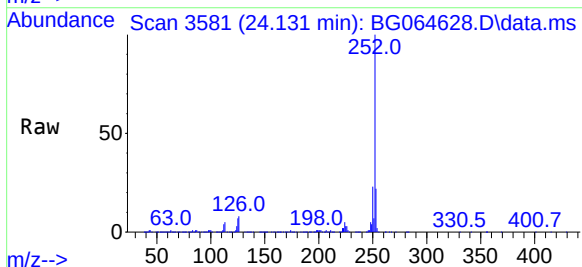
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

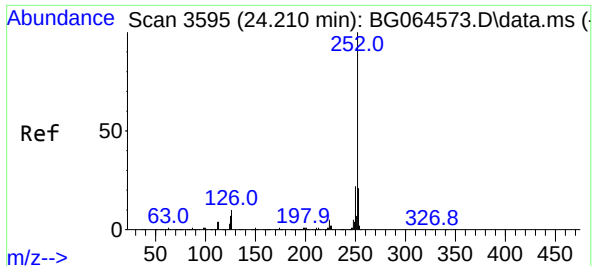
Tgt Ion:276 Resp: 1124787
Ion Ratio Lower Upper
276 100
138 10.3 10.8 16.2#
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.765 ng
RT: 24.131 min Scan# 3581
Delta R.T. -0.012 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 922791
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.6 8.4

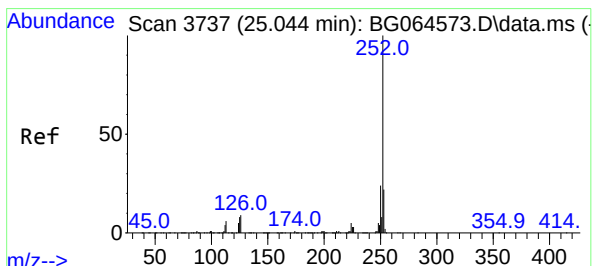
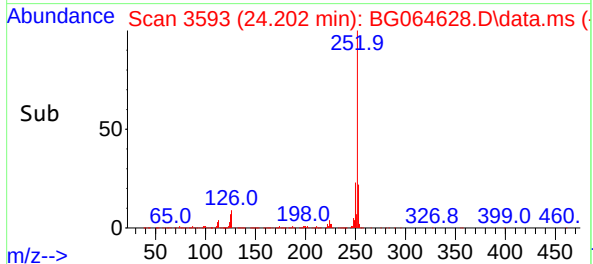
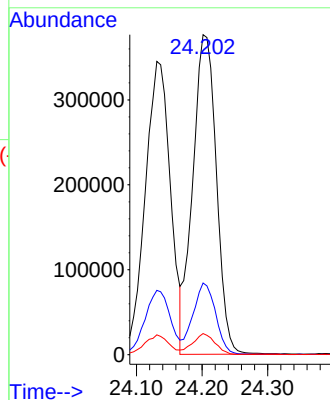
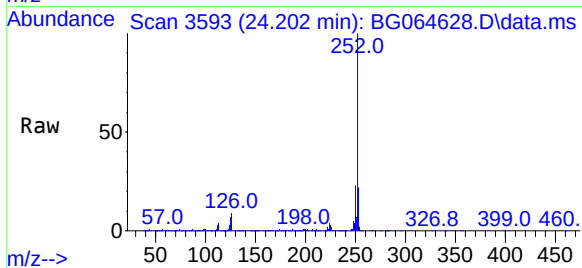




#89
Benzo(k)fluoranthene
Concen: 49.723 ng
RT: 24.202 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

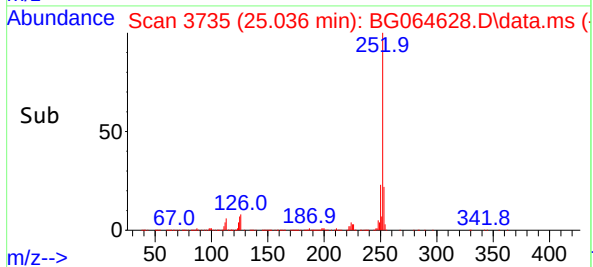
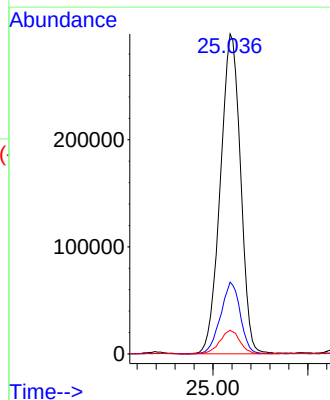
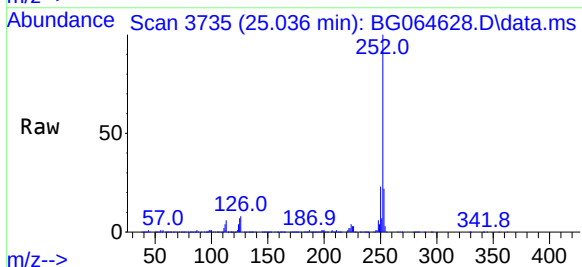
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

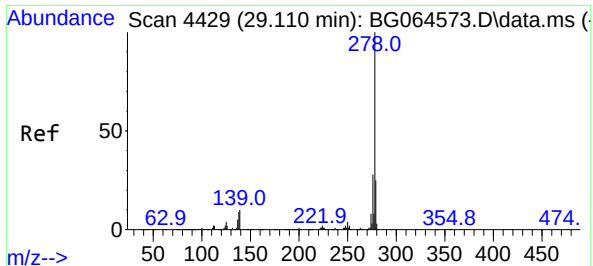
Tgt Ion:252 Resp: 941575
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 6.6 5.4 8.0



#90
Benzo(a)pyrene
Concen: 50.697 ng
RT: 25.036 min Scan# 3735
Delta R.T. -0.024 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:252 Resp: 881844
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.4 6.1 9.1

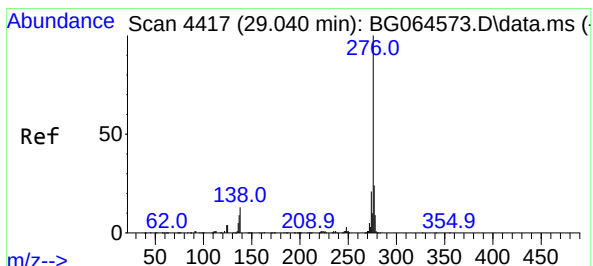
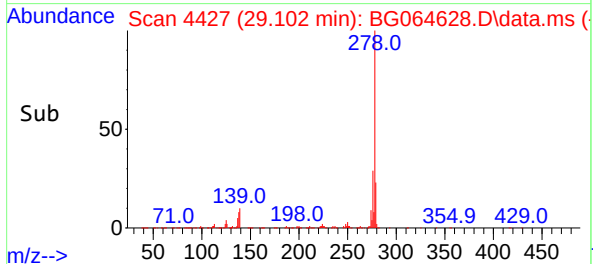
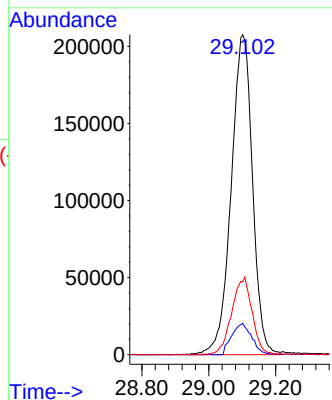
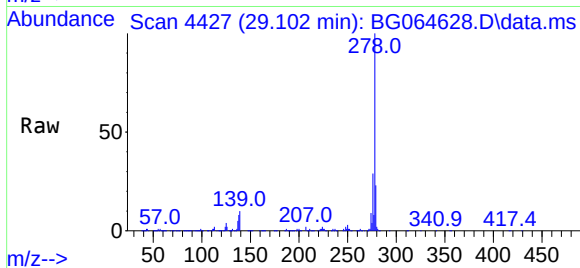




#91
Dibenzo(a,h)anthracene
Concen: 49.838 ng
RT: 29.102 min Scan# 4415
Delta R.T. -0.036 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

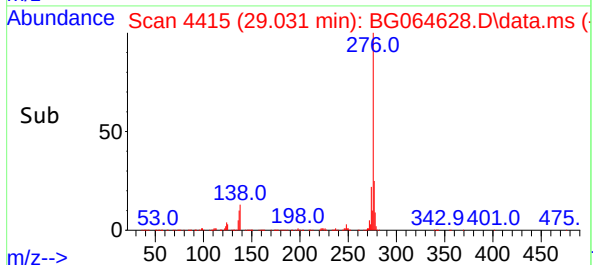
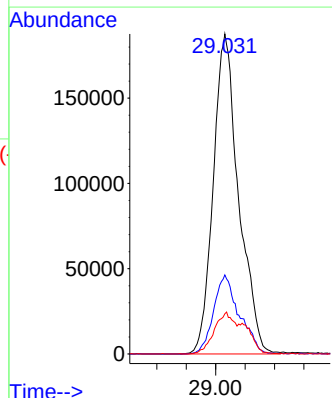
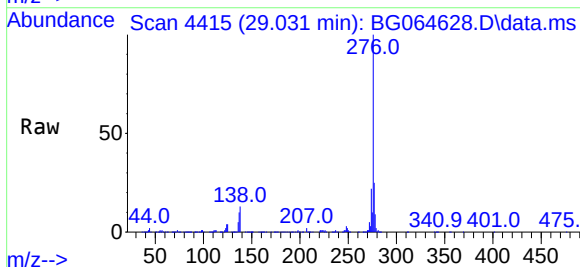
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion:278 Resp: 919177
Ion Ratio Lower Upper
278 100
139 9.8 8.0 12.0
279 22.8 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 49.546 ng
RT: 29.031 min Scan# 4415
Delta R.T. -0.030 min
Lab File: BG064628.D
Acq: 29 Oct 2025 18:15

Tgt Ion:276 Resp: 1124787
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 12.6 10.7 16.1



Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	Jagrut	10/27/2025 12:24:41 PM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	Jagrut	10/27/2025 12:24:43 PM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	Jagrut	10/27/2025 12:24:45 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	2,4-Dimethylphenol	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	2,4-Dimethylphenol	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	2,4-Dimethylphenol	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software
SSTDICV040	BG064577.D	2,4-Dimethylphenol	rahul	10/27/2025 8:33:16 AM	Jagrut	10/27/2025 12:24:56 PM	Peak Integrated by Software
SSTDICV040	BG064577.D	Benzoic acid	rahul	10/27/2025 8:33:16 AM	Jagrut	10/27/2025 12:24:56 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BG102425

Instrument

BNA_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

BG102725

Instrument

BNA_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

BG102925

Instrument

BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170215BS	BG064622.D	Benzoic acid	rahul	10/30/2025 8:49:44 AM	Jagrut	10/30/2025 4:37:31 PM	Peak Integrated by Software
PB170215BS	BG064622.D	Caprolactam	rahul	10/30/2025 8:49:44 AM	Jagrut	10/30/2025 4:37:31 PM	Peak Integrated by Software
Q3419-02MS	BG064627.D	Caprolactam	rahul	10/30/2025 8:49:52 AM	Jagrut	10/30/2025 4:37:44 PM	Peak Integrated by Software
Q3419-03MSD	BG064628.D	Caprolactam	rahul	10/30/2025 8:49:55 AM	Jagrut	10/30/2025 4:37:46 PM	Peak Integrated by Software

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13179,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok,M
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102725

Review By	rahul	Review On	10/28/2025 11:51:41 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:56:19 PM
SubDirectory	BG102725	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064582.D	27 Oct 2025 11:16	RC/JU	Ok
2	SSTDCCC040	BG064583.D	27 Oct 2025 11:57	RC/JU	Ok
3	PB170222BL	BG064584.D	27 Oct 2025 12:38	RC/JU	Ok
4	PB170222BS	BG064585.D	27 Oct 2025 13:19	RC/JU	Ok,M
5	PB170222BSD	BG064586.D	27 Oct 2025 14:00	RC/JU	Ok,M
6	PB170246BL	BG064587.D	27 Oct 2025 14:41	RC/JU	Ok
7	PB170246BS	BG064588.D	27 Oct 2025 15:22	RC/JU	Ok,M
8	Q3439-01	BG064589.D	27 Oct 2025 16:03	RC/JU	Ok
9	Q3439-05	BG064590.D	27 Oct 2025 16:44	RC/JU	Ok
10	Q3439-05MS	BG064591.D	27 Oct 2025 17:25	RC/JU	Ok,M
11	Q3439-05MSD	BG064592.D	27 Oct 2025 18:06	RC/JU	Ok,M
12	Q3400-01	BG064593.D	27 Oct 2025 18:47	RC/JU	Ok
13	Q3451-01	BG064594.D	27 Oct 2025 19:28	RC/JU	Ok
14	Q3451-01MS	BG064595.D	27 Oct 2025 20:09	RC/JU	Ok,M
15	Q3451-01MSD	BG064596.D	27 Oct 2025 20:50	RC/JU	Ok,M
16	Q3422-01	BG064597.D	27 Oct 2025 21:31	RC/JU	Ok
17	SSTDCCC040	BG064598.D	27 Oct 2025 22:11	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG102925

Review By	rahul	Review On	10/30/2025 8:51:46 AM
Supervise By	Jagrut	Supervise On	10/30/2025 4:39:08 PM
SubDirectory	BG102925	HP Acquire Method	BNA_G
		HP Processing Method	BG102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064617.D	29 Oct 2025 10:41	RC/JU	Ok
2	SSTDCCC040	BG064618.D	29 Oct 2025 11:22	RC/JU	Ok
3	PB170285BL	BG064619.D	29 Oct 2025 12:03	RC/JU	Ok
4	PB170285BS	BG064620.D	29 Oct 2025 12:44	RC/JU	Ok,M
5	PB170215BL	BG064621.D	29 Oct 2025 13:25	RC/JU	Ok
6	PB170215BS	BG064622.D	29 Oct 2025 14:06	RC/JU	Ok,M
7	Q3477-01	BG064623.D	29 Oct 2025 14:50	RC/JU	Ok
8	Q3477-01MS	BG064624.D	29 Oct 2025 15:31	RC/JU	Ok,M
9	Q3477-01MSD	BG064625.D	29 Oct 2025 16:12	RC/JU	Ok,M
10	Q3419-01	BG064626.D	29 Oct 2025 16:53	RC/JU	Ok
11	Q3419-02MS	BG064627.D	29 Oct 2025 17:34	RC/JU	Ok,M
12	Q3419-03MSD	BG064628.D	29 Oct 2025 18:15	RC/JU	Ok,M
13	Q3468-01	BG064629.D	29 Oct 2025 18:56	RC/JU	Ok,M
14	Q3468-02	BG064630.D	29 Oct 2025 19:37	RC/JU	Ok,M
15	Q3468-03	BG064631.D	29 Oct 2025 20:18	RC/JU	Ok
16	Q3468-04	BG064632.D	29 Oct 2025 20:59	RC/JU	Ok
17	Q3468-05	BG064633.D	29 Oct 2025 21:40	RC/JU	Ok
18	Q3468-06	BG064634.D	29 Oct 2025 22:21	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM
SubDirectory	BG102425	HP Acquire Method	BNA_G
		HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,32,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok,M
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102725

Review By	rahul	Review On	10/28/2025 11:51:41 AM		
Supervise By	Jagrut	Supervise On	10/28/2025 3:56:19 PM		
SubDirectory	BG102725	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064582.D	27 Oct 2025 11:16		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064583.D	27 Oct 2025 11:57		RC/JU	Ok
3	PB170222BL	PB170222BL	BG064584.D	27 Oct 2025 12:38		RC/JU	Ok
4	PB170222BS	PB170222BS	BG064585.D	27 Oct 2025 13:19		RC/JU	Ok,M
5	PB170222BSD	PB170222BSD	BG064586.D	27 Oct 2025 14:00		RC/JU	Ok,M
6	PB170246BL	PB170246BL	BG064587.D	27 Oct 2025 14:41		RC/JU	Ok
7	PB170246BS	PB170246BS	BG064588.D	27 Oct 2025 15:22		RC/JU	Ok,M
8	Q3439-01	TP-9	BG064589.D	27 Oct 2025 16:03		RC/JU	Ok
9	Q3439-05	TP-10	BG064590.D	27 Oct 2025 16:44		RC/JU	Ok
10	Q3439-05MS	TP-10MS	BG064591.D	27 Oct 2025 17:25		RC/JU	Ok,M
11	Q3439-05MSD	TP-10MSD	BG064592.D	27 Oct 2025 18:06		RC/JU	Ok,M
12	Q3400-01	FRAC-TANK-0760450	BG064593.D	27 Oct 2025 18:47	Analyzed again as DOD sample, Double Internal standard added	RC/JU	Ok
13	Q3451-01	TP-11	BG064594.D	27 Oct 2025 19:28		RC/JU	Ok
14	Q3451-01MS	TP-11MS	BG064595.D	27 Oct 2025 20:09		RC/JU	Ok,M
15	Q3451-01MSD	TP-11MSD	BG064596.D	27 Oct 2025 20:50		RC/JU	Ok,M
16	Q3422-01	PR132-S15-000008-20	BG064597.D	27 Oct 2025 21:31		RC/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BG064598.D	27 Oct 2025 22:11		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102925

Review By	rahul	Review On	10/30/2025 8:51:46 AM
Supervise By	Jagrut	Supervise On	10/30/2025 4:39:08 PM
SubDirectory	BG102925	HP Acquire Method	BNA_G
		HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064617.D	29 Oct 2025 10:41		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064618.D	29 Oct 2025 11:22		RC/JU	Ok
3	PB170285BL	PB170285BL	BG064619.D	29 Oct 2025 12:03		RC/JU	Ok
4	PB170285BS	PB170285BS	BG064620.D	29 Oct 2025 12:44		RC/JU	Ok,M
5	PB170215BL	PB170215BL	BG064621.D	29 Oct 2025 13:25		RC/JU	Ok
6	PB170215BS	PB170215BS	BG064622.D	29 Oct 2025 14:06		RC/JU	Ok,M
7	Q3477-01	SOUTH-MAHWAH-SOI	BG064623.D	29 Oct 2025 14:50		RC/JU	Ok
8	Q3477-01MS	SOUTH-MAHWAH-SOI	BG064624.D	29 Oct 2025 15:31		RC/JU	Ok,M
9	Q3477-01MSD	SOUTH-MAHWAH-SOI	BG064625.D	29 Oct 2025 16:12		RC/JU	Ok,M
10	Q3419-01	PR-132-S16-015094-20	BG064626.D	29 Oct 2025 16:53		RC/JU	Ok
11	Q3419-02MS	PR-132-S16-015094-20	BG064627.D	29 Oct 2025 17:34		RC/JU	Ok,M
12	Q3419-03MSD	PR-132-S16-015094-20	BG064628.D	29 Oct 2025 18:15		RC/JU	Ok,M
13	Q3468-01	MW-06	BG064629.D	29 Oct 2025 18:56		RC/JU	Ok,M
14	Q3468-02	MW-08	BG064630.D	29 Oct 2025 19:37		RC/JU	Ok,M
15	Q3468-03	MW-10	BG064631.D	29 Oct 2025 20:18		RC/JU	Ok
16	Q3468-04	MW-11	BG064632.D	29 Oct 2025 20:59		RC/JU	Ok
17	Q3468-05	MW-13	BG064633.D	29 Oct 2025 21:40		RC/JU	Ok
18	Q3468-06	MW-12	BG064634.D	29 Oct 2025 22:21		RC/JU	Ok

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG102925

Review By	rahul	Review On	10/30/2025 8:51:46 AM		
Supervise By	Jagrut	Supervise On	10/30/2025 4:39:08 PM		
SubDirectory	BG102925	HP Acquire Method	BNA_G	HP Processing Method	BG102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/23/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137614

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3419-01	PR-132-S16-015094-20251021	1	1.15	11.01	12.16	7.14	54.4	
Q3419-02	Q3419-01MS	2	1.15	11.01	12.16	7.14	54.4	
Q3419-03	Q3419-01MSD	3	1.15	11.01	12.16	7.14	54.4	
Q3419-04	PR-132-S16-119133-20251021	4	1.16	10.07	11.23	6.37	51.7	
Q3419-05	PR-132-S16-094119-20251021	5	1.19	11.07	12.26	6.38	46.9	
Q3422-01	PR132-S15-000008-20251017	6	1.18	11.02	12.2	7.58	58.1	
Q3424-01	PR132-DP3-20251021	7	1.15	10.36	11.51	5.91	45.9	
Q3424-02	PR132-S11-010080-20251021	8	1.12	10.72	11.84	6.49	50.1	
Q3424-03	PR132-S14-00094-20251021	9	1.14	11.34	12.48	6.82	50.1	
Q3427-01	TP-8	10	1.11	10.77	11.88	10.84	90.3	
Q3427-02	TP-8-EPH	11	1.18	10.97	12.15	10.98	89.3	
Q3427-03	TP-8-VOC	12	1.19	10.26	11.45	10.52	90.9	
Q3429-01	40309	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3429-02	40310	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3430-01	BUR-25-0095	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3431-01	EO-02-10222025	16	1.11	10.55	11.66	10.64	90.3	
Q3431-02	EO-02-10222025-E2	17	1.17	10.59	11.76	10.59	89.0	
Q3434-01	PR132-WC1-20251022	18	1.13	10.43	11.56	7.17	57.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137614

WorkList Name : %1-102225 WorkList ID : 192597 Department : Wet-Chemistry Date : 10-22-2025 09:03:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3419-01	PR-132-S16-015094-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-02	Q3419-01MS	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-03	Q3419-01MSD	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-04	PR-132-S16-119133-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-05	PR-132-S16-094119-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3422-01	PR132-S15-000008-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3424-01	PR132-DP3-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3424-02	PR132-S11-010080-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3424-03	PR132-S14-00094-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3427-01	TP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3427-02	TP-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3427-03	TP-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3429-01	40309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3429-02	40310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3430-01	BUR-25-0095	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3431-01	EO-02-10222025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/22/2025	Chemtech -SO
Q3431-02	EO-02-10222025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/22/2025	Chemtech -SO
Q3434-01	PR132-WC1-20251022	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/22/2025	Chemtech -SO

Date/Time 10/22/25 15:00

Raw Sample Received by: JG WWC

Raw Sample Relinquished by: JG WWC

Date/Time 10/22/25

Raw Sample Received by: JG WWC

Raw Sample Relinquished by: JG WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A **Extraction Start Date :** 10/23/2025

Matrix : Solid **Extraction Start Time :** 09:15

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 10/23/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 12:45

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2652
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/25	RS (Ext Lab)	Rc/svac
12:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170215BL	SBLK215	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB170215BS	SLCS215	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3395-01	PR132-S09-000051-2025 1017	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q3395-02	PR132-S07-000102-2025 1017	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		4
Q3395-03	Q3395-02MS	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		5
Q3395-04	Q3395-02MSD	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		6
Q3395-05	PR132-S07-102116-2025 1017	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		U2-1
Q3395-06	PR132-COMP03-2025101 7	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		2
~~Q3395-07~~	~~PR132-S08-038048-2025 1017~~	~~SVOC-TCL BNA -20~~		~~N/A~~	~~ritesh~~	~~Evelyn~~	~~1~~			
Q3419-01	PR-132-S16-015094-202 51021	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		3
Q3419-02	Q3419-01MS	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		4
Q3419-03	Q3419-01MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		5
Q3419-04	PR-132-S16-119133-202 51021	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		6
Q3419-05	PR-132-S16-094119-202 51021	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		U3-1
Q3422-01	PR132-S15-000008-2025 1017	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	F		2
Q3424-01	PR132-DP3-20251021	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q3424-02	PR132-S11-010080-2025 1021	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	F		4
Q3424-03	PR132-S14-00094-20251 021	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		5
Q3427-01	TP-8	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		6
Q3431-01	EO-02-10222025	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		U4-1
Q3434-01	PR132-WC1-20251022	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		2

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3422

WorkList ID : 192632

Department : Extraction

Date : 10-23-2025 08:59:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3395-01	PR132-S09-000051-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-02	PR132-S07-000102-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-03	Q3395-02MS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-04	Q3395-02MSD	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-05	PR132-S07-102116-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-06	PR132-COMP03-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3395-07	PR132-S08-038048-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/17/2025	8270E
Q3419-01	PR-132-S16-015094-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3419-02	Q3419-01MS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3419-03	Q3419-01MSD	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3419-04	PR-132-S16-119133-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3419-05	PR-132-S16-094119-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3422-01	PR132-S15-000008-20251017	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/21/2025	8270E
Q3424-01	PR132-DP3-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/21/2025	8270E
Q3424-02	PR132-S11-010080-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/21/2025	8270E
Q3424-03	PR132-S14-00094-20251021	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	10/21/2025	8270E
Q3427-01	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/21/2025	8270E
Q3431-01	EO-02-10222025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/22/2025	8270E
Q3434-01	PR132-WC1-20251022	Solid	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D41	10/22/2025	8270E

Date/Time 10/23/25 9:10

Raw Sample Received by: RJ (Ext-126)

Raw Sample Relinquished by: CR

Date/Time 10/23/25 9:45

Raw Sample Received by: RJ (Ext-126)

Raw Sample Relinquished by: RJ (Ext-126)

Prep Standard - Chemical Standard Summary

Order ID : Q3422

Test : SVOC-TCL BNA -20

Prepbatch ID : PB170215,

Sequence ID/Qc Batch ID: BF102425,BF102725,BF102825,BF102925,BG102725,BG102825,BG102925,

Standard ID :

EP2641,EP2652,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,SP6875,

Chemical ID :

10ul/1000ul

sample,E3875,E3932,E3951,E3954,E3965,E3972,E3973,E3980,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13179,S13180,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2641	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel
09/16/2025								

FROM 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SC ALE_2	None	Riteshkumar Patel
(EX-SC-2)								

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

[illegible]

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4216	80ng ICC	SP6857	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed 08/22/2025
<u>FROM</u> 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml								

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4217	60ng ICC	SP6858	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4218	50ng ICC	SP6859	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4220	20ng ICC	SP6861	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4221	10ng ICC	SP6862	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4222	5ng ICC	SP6863	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4223	2.5ng ICC	SP6864	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6865	08/25/2025	10/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								08/26/2025

FROM 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 163.00000ml of E3932 = Final Quantity: 200.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6869	09/10/2025	01/02/2026	Jagrut Upadhyay	None	None	Rahul Chavli 09/16/2025
<u>FROM</u> 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml								

[illegible]

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
416	40 ng BNA ICV, 40 PPM	SP6872	09/22/2025	11/16/2025	Jagrut Upadhyay	None	None	Yogesh Patel
								09/27/2025

FROM 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3895	50 ug/ml DFTPP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay
								09/30/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	08/22/2025 / RUPESH	08/20/2025 / RUPESH	E3965

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	11/16/2025	05/16/2025 / Jagrut	02/06/2023 / Christian	S11073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	02/25/2026	08/25/2025 / Jagrut	11/21/2023 / rahul	S11808

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12199

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	03/10/2026	09/10/2025 / Jagrut	03/15/2024 / Rahul	S12221

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12508

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12553

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12554

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12555

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12556

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12557

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12558

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	02/25/2026	08/25/2025 / Jagrut	07/23/2024 / RAHUL	S12559

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH ₂ Cl ₂ , 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12903

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/10/2026	09/10/2025 / Jagrut	12/09/2024 / anahy	S12904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13090

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13091

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13092

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13093

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13094

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13096

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	02/25/2026	08/25/2025 / Jagrut	05/20/2025 / Rahul	S13120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/15/2026	09/15/2025 / rahul	06/02/2025 / anahy	S13175

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	04/17/2026	10/17/2025 / rahul	06/02/2025 / anahy	S13179

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	03/31/2031	03/31/2025 / anahy	06/02/2025 / anahy	S13180

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul,	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

Chromatographic,
CS-347186

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13239

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13240

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13241

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13242

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13243

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0228494	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13269

[CS 4978-2]



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received on
02/08/23

b1

CG

S 11071

to

S 11075

Catalog No. : 31853

Lot No.: A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2027

Storage: 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	1,4-Dioxane CAS # 123-91-1 Purity 99% (Lot SHBN5929)	2,019.0 µg/mL	+/- 11.8486 µg/mL Gravimetric +/- 43.2570 µg/mL Unstressed +/- 44.5129 µg/mL Stressed

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

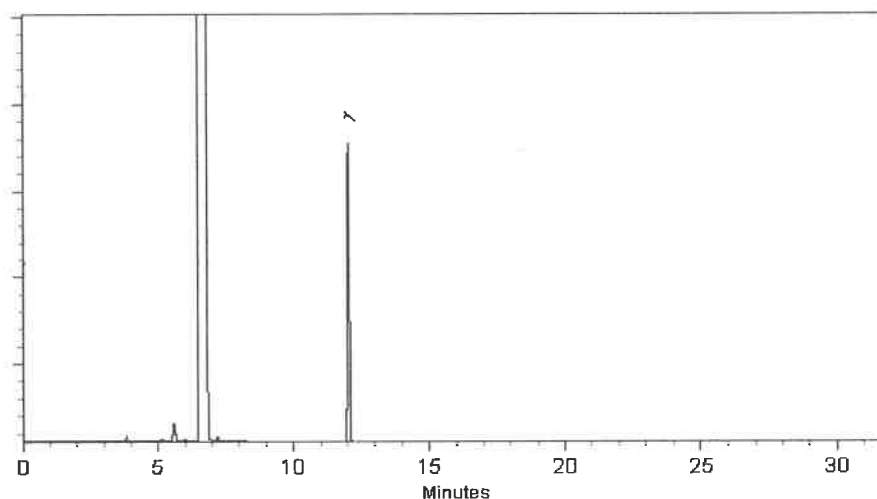
200°C

Det. Temp:

250°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022

Balance: 1128360905

Marlina Cowan - Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantortm



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Rec on 8/20/25

E3965

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

RS

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4

Batch No.: 25B1862001

Manufactured Date: 2024-12-18

Expiration Date: 2026-03-19

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	99.9 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titration Acid (μ eq/g)	≤ 0.3	<0.1
Chloride (Cl)	≤ 10 ppm	<5 ppm
Water (by KF, coulometric)	$\leq 0.02 \%$	<0.01 %

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

RS
7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	$\leq 1.0 \text{ ppm}$	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	$\leq 10 \text{ ppm}$	$< 5 \text{ ppm}$
Water (by KF, coulometric)	$\leq 0.02 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

REC. ON 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard
Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

51148h
↓
511493
Y.P.
08/10/28

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckal - Mix Technician

Date Mixed: 02-Aug-2023

Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649
↓
511658 } Y.P.
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023

Balance: B251644995

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11795
↓
S11808 } RC /
11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

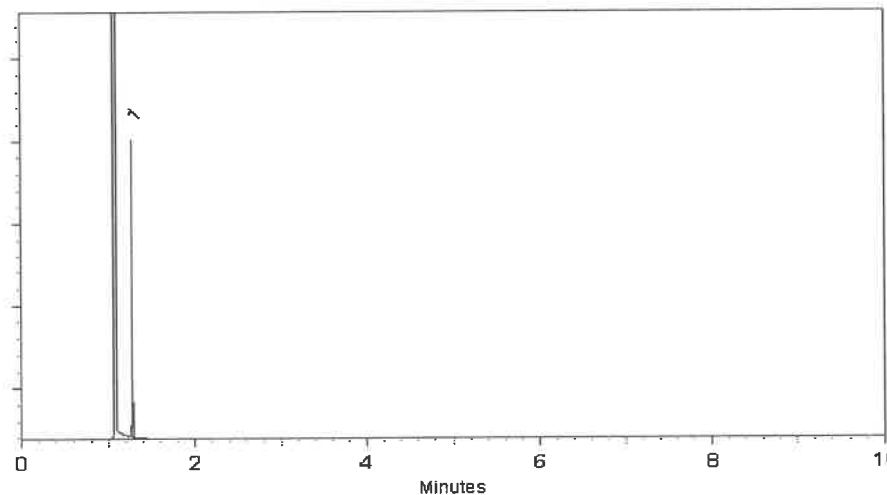
FID

Split Vent:

100 mL/min.

Inj. Vol

1µL



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓ } 03/18/24
512206 }

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

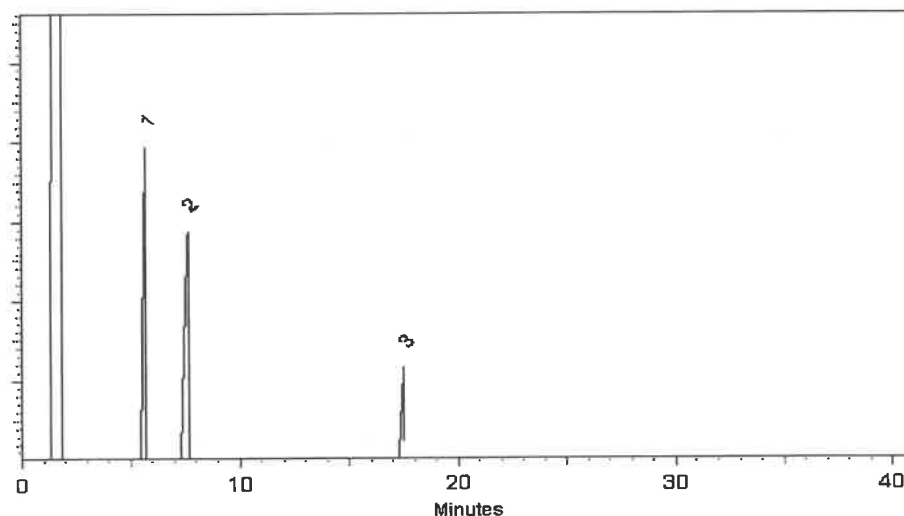
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope S. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : December 31, 2029 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

S12207 } RC/
↓
S12221 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-S (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

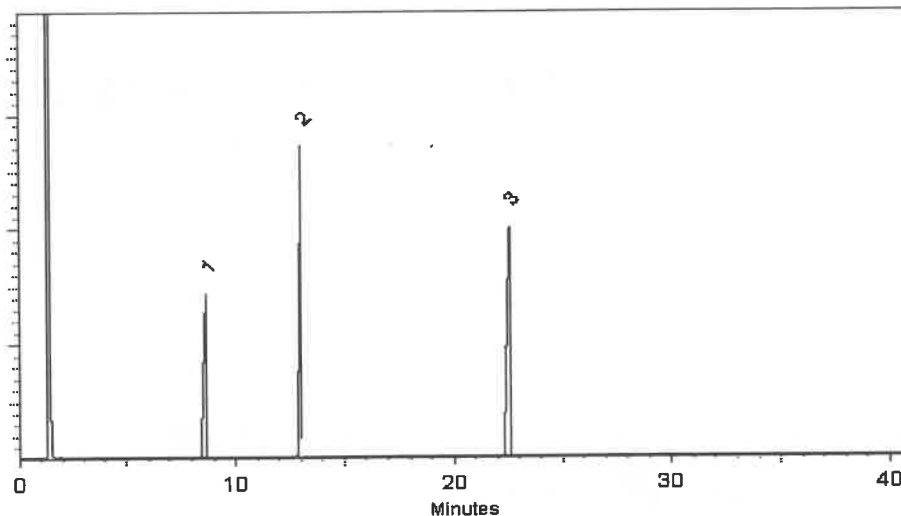
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

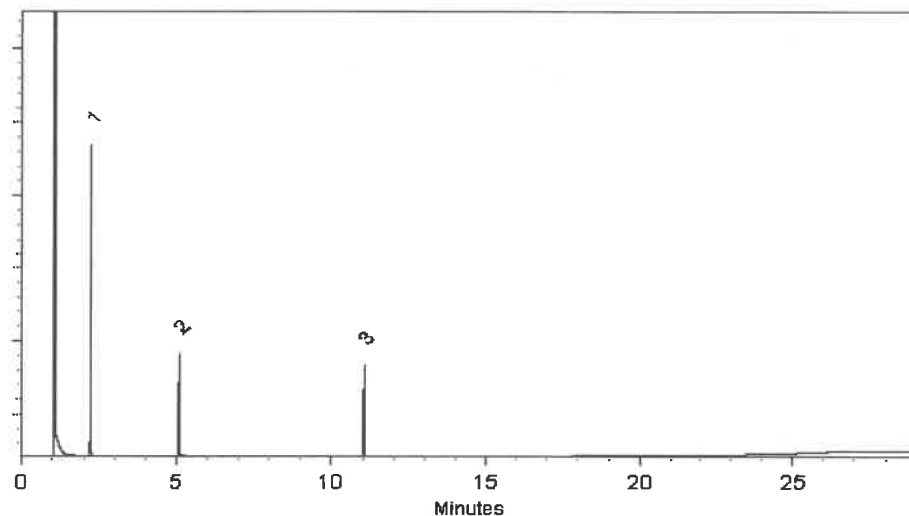
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
↓
S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024

Balance: 1128353505

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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gravimetric



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24


Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 } RC
↓
S12579 } 8/2/24

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

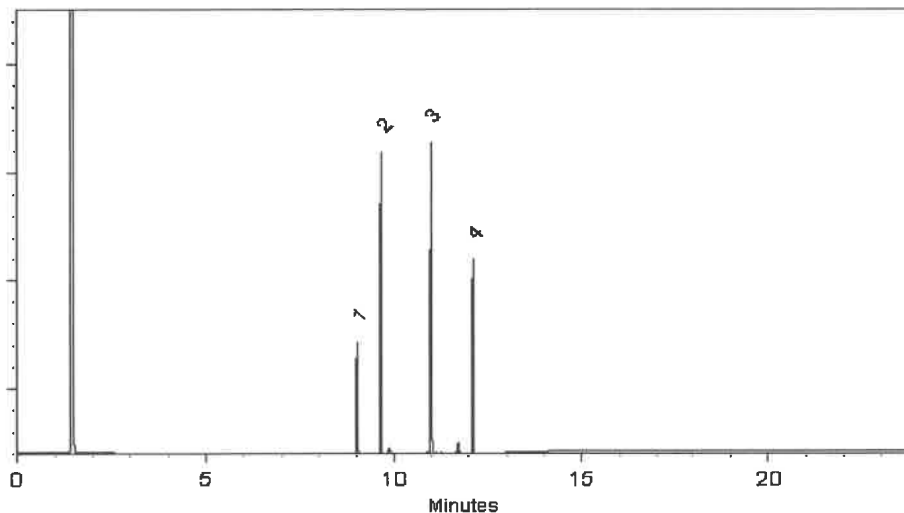
FID

Split Vent:

10 ml/min.

Inj. Vol

1µl

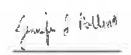


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024

Balance Serial # 1128353505


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Catalog No. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix
OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12736 } AC
↓
S12754 } 10/9/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/- 19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/- 19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/- 19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/- 19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/- 19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/- 19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/- 19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/- 19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/- 19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/- 19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/- 19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/- 19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/- 19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



Certified Reference Material CRM



CERTIFIED WEIGHT REPORT

Part Number: 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Solvent(s): Lot#
Methylene chloride C21F09CAS0000DCM

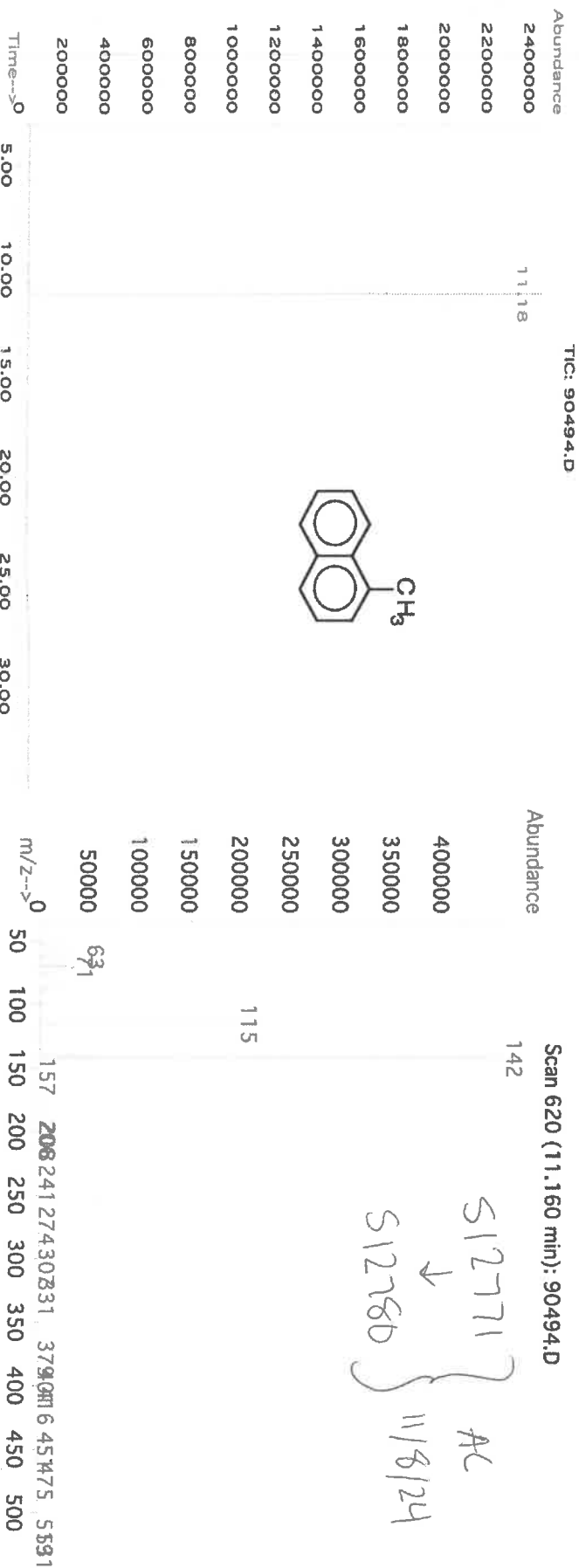
Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB
Weight(s) shown below were combined and diluted to (mL): 100.0

Formulated By: <i>Prahsant Chauhan</i>	061323
Reviewed By: <i>Pedro L. Farias</i>	061323
DATE	

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50

1. 1-Methylnaphthalene 313 04413BX 2000 98 0.2 0.20417 0.20430 2001.2 8.3 90-12-0 N/A or: rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B = 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (±) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyel, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

513088 }
↓
513117 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

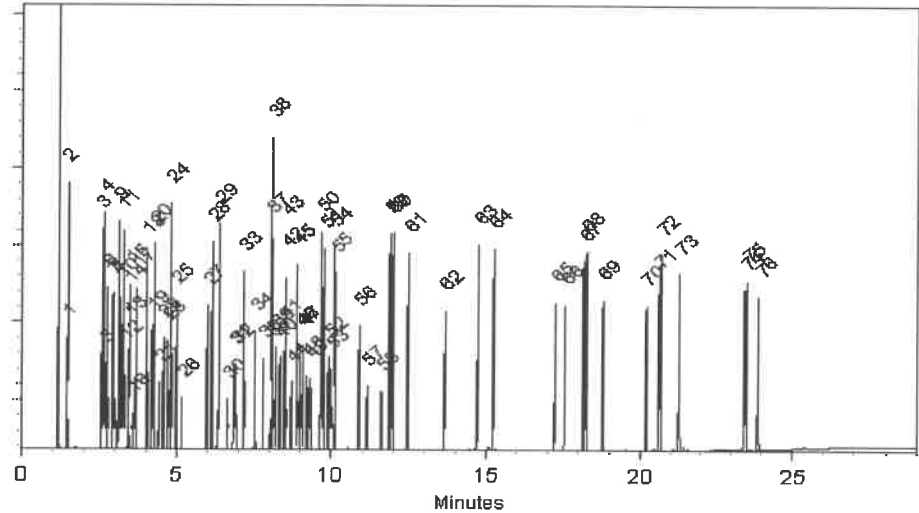
FID

Split Vent:

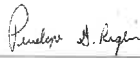
100 ml/min.

Inj. Vol

1µl

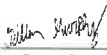


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

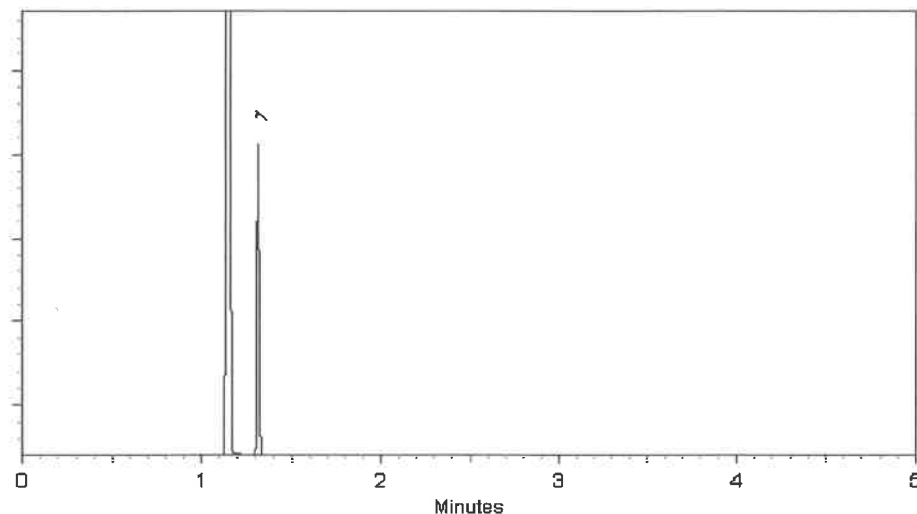
FID

Split Vent:

100 mL/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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gravimetric



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

513158 } RC/
↓
513167 } 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025

Balance: C322230531

REVIEWED
By: [Signature] Murphy at 11:21 am, Jan 05, 2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix

Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 } AC
↓
S13218 } 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 582978

Lot No.: A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2028

Storage: 0°C or colder

Ship: Ambient

513229 } RC/
↓
513238 } 8/1/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

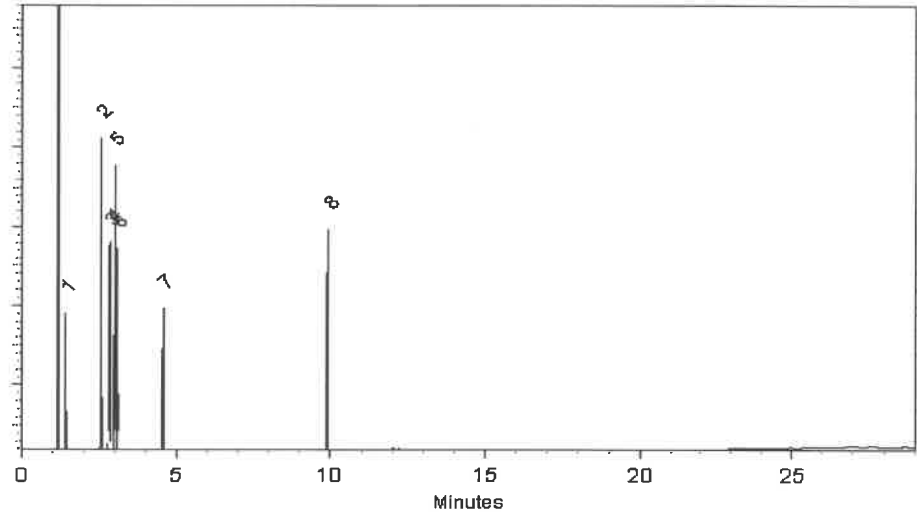
FID

Split Vent:

100 mL/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 27-Jul-2025

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Jul-2025

REVIEWED
By: *William Murphy* at 10:51 pm, Jul 30, 2025

**Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397**



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓
S13268 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



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Catalog No. : 555224 Lot No.: A0228494

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 31, 2027

Storage: 10°C or colder

Ship: Ambient

513269 } RC1
↓
513298 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.0 µg/mL	+/- 29.453715
2	Acetophenone	98-86-2	STBH8205	99%	1,001.0 µg/mL	+/- 29.424320
3	Benzaldehyde	100-52-7	RD250319RSR	99%	1,003.0 µg/mL	+/- 29.483110
4	Benzoic acid	65-85-0	MKCX1578	99%	1,001.0 µg/mL	+/- 29.424320
5	Biphenyl	92-52-4	MKCS5928	99%	1,002.0 µg/mL	+/- 29.453715

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 04-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



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Catalog No. : 555869 **Lot No.:** A0201702
Description : Custom Hexachlorocyclopentadiene Standard
Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : September 30, 2026 **Storage:** 10°C or colder
Ship: Ambient

513148 } RC
↓
513157 } 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023

Balance: B707717271

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Isl
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: 11 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: 11
CITY STATE: ZIP:
ATTENTION: Rob Forstner PHONE: 11

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☒ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT

1: SVOCs 2: PCBs 3: Pesticides 4: Hg Metals 5: Pb 6: Hg 7: Dioxin- 8: TOCs 9: VOCs

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	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	PR132-FB2-20251021	A		X	10/21	13:30	1	X	X	X	X	X			X		
2.	PR132-S15-000008-20251021	S		X	10/21	9:00	11	X	X	X	X	X	X	X	X		
3.	Temp Blank	A			10/21		1	X	X	X	X	X			X		
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <u>Sim Alderson</u>	<u>10/21/25 430</u>	<u>[Signature]</u> <u>10-21-25</u>	<u>2.5</u> °C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2.		<u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	<u>10-21-25</u>	<u>[Signature]</u>	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3422	AECO02	Order Date : 10/22/2025 11:11:00 AM	Project Mgr :
Client Name : AECOM		Project Name : AE1-CTY 3.2.Z-PR-DOCK	Report Type : NYS ASP B
Client Contact : Rob Forstner		Receive DateTime : 10/21/2025 5:40:00 PM	EDD Type : EQUIS
Invoice Name : AECOM		Purchase Order :	Hard Copy Date :
Invoice Contact : Rob Forstner			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3422-01	PR132-S15-000008-202510 ²¹	Solid	10/21/2025	09:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3422-02	PR132-FB2-20251021	Water	10/21/2025	13:30					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By :

Date / Time :


10/22/25 1245

Received By :

Date / Time :


10/22/25 1245

Storage Area : VOA Refridgerator Room