

Cover Page

Order ID : Q2832

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number

Q2832-01
Q2832-02
Q2832-03
Q2832-04
Q2832-05
Q2832-06
Q2832-07
Q2832-08
Q2832-09
Q2832-10

Client Sample Number

TG-S01
TG-S01
TG-S02
TG-S02
TG-S03
TG-S03
TG-S04
TG-S04
TG-S05
TG-S05

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: 8/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Portal Partners Tri-Venture

Project Name: Amtrak Sawtooth Bridges 2025

Project # N/A

Order ID # Q2832

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 08/12/2025.

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_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of 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.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q2820-17MS} with File ID: BP025415.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[50%], 3-Nitroaniline[60%] and 4-Chloroaniline[47%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The MSD {Q2820-17MSD} with File ID: BP025416.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[55%], 3-Nitroaniline[65%] and 4-Chloroaniline[50%], these compounds did not meet the NJDKQP criteria but met the in-house criteria due to matrix interference.

The RPD were met for all analysis.

The Blank Spike for {PB169228BS} with File ID: BP025407.D met requirements for all compounds except for 3,3-Dichlorobenzidine[65%], 4-Chloroaniline[65%], this compound did not meet the NJDKQP criteria but met the in-house criteria.



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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025455.D met the requirements except for Benzaldehyde and Hexachlorocyclopentadiene. Associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025528.D met the requirements except for Benzaldehyde. Associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Tuning criteria met requirements.

Samples TG-S01, TG-S02, TG-S03, TG-S04 and TG-S05 were analyzed with their respective dilutions due to viscous and concentrated matrix.

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.

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

F. Manual Integration Comments:

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

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

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2832

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 08/26/2025

LAB CHRONICLE

OrderID:	Q2832	OrderDate:	8/12/2025 9:37:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2832-01	TG-S01	SOIL	SVOC-TCL BNA -20	8270E	08/11/25	08/13/25	08/22/25	08/12/25
Q2832-02	TG-S01	TCLP	TCLP BNA	8270E	08/11/25	08/14/25	08/16/25	08/12/25
Q2832-03	TG-S02	SOIL	SVOC-TCL BNA -20	8270E	08/11/25	08/13/25	08/22/25	08/12/25
Q2832-04	TG-S02	TCLP	TCLP BNA	8270E	08/11/25	08/14/25	08/16/25	08/12/25
Q2832-05	TG-S03	SOIL	SVOC-TCL BNA -20	8270E	08/11/25	08/13/25	08/18/25	08/12/25
Q2832-06	TG-S03	TCLP	TCLP BNA	8270E	08/11/25	08/14/25	08/16/25	08/12/25
Q2832-07	TG-S04	SOIL	SVOC-TCL BNA -20	8270E	08/11/25	08/13/25	08/18/25	08/12/25
Q2832-08	TG-S04	TCLP	TCLP BNA	8270E	08/11/25	08/14/25	08/16/25	08/12/25
Q2832-09	TG-S05	SOIL	SVOC-TCL BNA -20	8270E	08/12/25	08/13/25	08/21/25	08/12/25
Q2832-10	TG-S05	TCLP	TCLP BNA	8270E	08/12/25	08/14/25	08/18/25	08/12/25

Hit Summary Sheet SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TG-S01								
Q2832-01	TG-S01	SOIL	Naphthalene	480.000	J	120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Phenanthrene	2,100.000		110	910	ug/Kg
Q2832-01	TG-S01	SOIL	Anthracene	500.000	J	180	910	ug/Kg
Q2832-01	TG-S01	SOIL	Fluoranthene	2,400.000		160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Pyrene	2,000.000		190	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(a)anthracene	1,100.000		120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Chrysene	1,100.000		110	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(b)fluoranthene	1,300.000		100	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(k)fluoranthene	560.000	J	120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(a)pyrene	960.000		160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Indeno(1,2,3-cd)pyrene	510.000	J	160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(g,h,i)perylene	560.000	J	140	910	ug/Kg
Total Svoc :				13,570.00				
Q2832-01	TG-S01	SOIL	4H-Cyclopenta[def]phenanthrene *	420.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo[e]pyrene *	670.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	Butane, 2-methoxy-2-methyl- *	850.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	n-Hexadecanoic acid *	1,100.000	J	0	0	ug/Kg
Total Tics :				3,040.00				
Total Concentration:				16,610.00				
Client ID : TG-S02								
Q2832-03	TG-S02	SOIL	Phenanthrene	1,400.000		110	900	ug/Kg
Q2832-03	TG-S02	SOIL	Anthracene	390.000	J	180	900	ug/Kg
Q2832-03	TG-S02	SOIL	Fluoranthene	2,100.000		160	900	ug/Kg
Q2832-03	TG-S02	SOIL	Pyrene	2,000.000		190	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(a)anthracene	1,100.000		120	900	ug/Kg
Q2832-03	TG-S02	SOIL	Chrysene	1,100.000		110	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(b)fluoranthene	1,300.000		100	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(k)fluoranthene	500.000	J	120	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(a)pyrene	930.000		160	900	ug/Kg
Q2832-03	TG-S02	SOIL	Indeno(1,2,3-cd)pyrene	510.000	J	150	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(g,h,i)perylene	610.000	J	140	900	ug/Kg
Total Svoc :				11,940.00				
Q2832-03	TG-S02	SOIL	Butane, 2-methoxy-2-methyl- *	880.000	J	0	0	ug/Kg
Q2832-03	TG-S02	SOIL	n-Hexadecanoic acid *	710.000	J	0	0	ug/Kg
Q2832-03	TG-S02	SOIL	unknown18.295 *	500.000	J	0	0	ug/Kg
Total Tics :				2,090.00				

Hit Summary Sheet
SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				14,030.00				
Client ID : TG-S03								
Q2832-05	TG-S03	SOIL	Acenaphthylene	670.000	J	150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Phenanthrene	1,600.000		110	900	ug/Kg
Q2832-05	TG-S03	SOIL	Anthracene	1,100.000		180	900	ug/Kg
Q2832-05	TG-S03	SOIL	Fluoranthene	4,700.000		160	900	ug/Kg
Q2832-05	TG-S03	SOIL	Pyrene	4,600.000		190	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(a)anthracene	2,900.000		120	900	ug/Kg
Q2832-05	TG-S03	SOIL	Chrysene	3,300.000		110	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(b)fluoranthene	4,500.000		100	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(k)fluoranthene	1,700.000		120	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(a)pyrene	2,500.000		160	900	ug/Kg
Q2832-05	TG-S03	SOIL	Indeno(1,2,3-cd)pyrene	1,700.000		150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Dibenzo(a,h)anthracene	570.000	J	150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(g,h,i)perylene	1,900.000		140	900	ug/Kg
Total Svoc :				31,740.00				
Q2832-05	TG-S03	SOIL	11H-Benzo[a]fluoren-11-one	*	410.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	4H-Cyclopenta[def]phenanthrene	*	620.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo[e]pyrene	*	3,000.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Benzophenone	*	460.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Fluoranthene, 2-methyl-	*	410.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Phenanthrene, 2-methyl-	*	560.000	J	0	ug/Kg
Total Tics :				6,560.00				
Total Concentration:				38,300.00				
Client ID : TG-S04								
Q2832-07	TG-S04	SOIL	Acenaphthylene	1,900.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene	2,000.000		110	910	ug/Kg
Q2832-07	TG-S04	SOIL	Anthracene	2,400.000		180	910	ug/Kg
Q2832-07	TG-S04	SOIL	Carbazole	590.000	J	170	910	ug/Kg
Q2832-07	TG-S04	SOIL	Fluoranthene	8,300.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene	7,600.000		190	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(a)anthracene	5,200.000		120	910	ug/Kg
Q2832-07	TG-S04	SOIL	Chrysene	5,700.000		110	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(b)fluoranthene	7,500.000		100	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(k)fluoranthene	2,800.000		120	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(a)pyrene	4,000.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Indeno(1,2,3-cd)pyrene	2,500.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Dibenzo(a,h)anthracene	880.000	J	150	910	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2832-07	TG-S04	SOIL	Benzo(g,h,i)perylene	2,700.000		140	910	ug/Kg
Total Svoc :				54,070.00				
Q2832-07	TG-S04	SOIL	11H-Benzo[a]fluoren-11-one	*	460.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	4H-Cyclopenta[def]phenanthrene	*	1,300.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	7H-Benz[de]anthracen-7-one	*	570.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	9,10-Anthracenedione	*	480.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Anthracene, 2-methyl-	*	600.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benz[a]anthracene, 7-methyl-	*	390.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	530.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo[e]pyrene	*	4,800.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzophenone	*	460.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Cyclopenta(def)phenanthrenone	*	1,000.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Cyclopenta[cd]pyrene	*	520.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Naphthalene, 2-phenyl-	*	430.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 1,7-dimethyl-	*	670.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 1-methyl-	*	550.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 2,5-dimethyl-	*	1,100.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 2-methyl-	*	1,100.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 3,6-dimethyl-	*	390.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene, 1-methyl-	*	590.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene, 4-methyl-	*	510.000	J	0	ug/Kg
Total Tics :				17,850.00				
Total Concentration:				71,920.00				
Client ID : TG-S05								
Q2832-09	TG-S05	SOIL	Phenanthrene		890.000	J	110	ug/Kg
Q2832-09	TG-S05	SOIL	Fluoranthene		1,300.000		160	ug/Kg
Q2832-09	TG-S05	SOIL	Pyrene		1,200.000		200	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(a)anthracene		750.000	J	130	ug/Kg
Q2832-09	TG-S05	SOIL	Chrysene		950.000		110	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(b)fluoranthene		1,300.000		100	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(a)pyrene		630.000	J	160	ug/Kg
Q2832-09	TG-S05	SOIL	Indeno(1,2,3-cd)pyrene		460.000	J	160	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(g,h,i)perylene		560.000	J	140	ug/Kg
Total Svoc :				8,040.00				
Q2832-09	TG-S05	SOIL	Phenanthrene, 1-methyl-	*	420.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	Benzophenone	*	480.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	Butane, 2-methoxy-2-methyl-	*	1,800.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	n-Hexadecanoic acid	*	1,100.000	J	0	ug/Kg
Total Tics :				3,800.00				



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					11,840.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2832

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169228BL	PB169228BL	2-Fluorophenol	150	124	82		30 (18)	130 (112)
		Phenol-d6	150	118	79		30 (15)	130 (107)
		Nitrobenzene-d5	100	76.2	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	75.0	75		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	124	83		30 (10)	130 (116)
		Terphenyl-d14	100	73.2	73		30 (10)	130 (105)
PB169228BS	PB169228BS	2-Fluorophenol	150	125	84		30 (18)	130 (112)
		Phenol-d6	150	126	84		30 (15)	130 (107)
		Nitrobenzene-d5	100	76.0	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.2	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	128	85		30 (10)	130 (116)
		Terphenyl-d14	100	77.4	77		30 (10)	130 (105)
Q2820-17MS	88H-EMS	2-Fluorophenol	150	84.6	56		30 (18)	130 (112)
		Phenol-d6	150	85.7	57		30 (15)	130 (107)
		Nitrobenzene-d5	100	51.9	52		30 (18)	130 (107)
		2-Fluorobiphenyl	100	49.8	50		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	84.8	57		30 (10)	130 (116)
		Terphenyl-d14	100	45.7	46		30 (10)	130 (105)
Q2820-17MSD	88H-EMSD	2-Fluorophenol	150	88.1	59		30 (18)	130 (112)
		Phenol-d6	150	89.6	60		30 (15)	130 (107)
		Nitrobenzene-d5	100	54.5	55		30 (18)	130 (107)
		2-Fluorobiphenyl	100	50.8	51		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	89.7	60		30 (10)	130 (116)
		Terphenyl-d14	100	48.8	49		30 (10)	130 (105)
Q2832-01	TG-S01	2-Fluorophenol	150	69.3	46		30 (18)	130 (112)
		Phenol-d6	150	73.1	49		30 (15)	130 (107)
		Nitrobenzene-d5	100	43.4	43		30 (18)	130 (107)
		2-Fluorobiphenyl	100	47.0	47		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	72.0	48		30 (10)	130 (116)
		Terphenyl-d14	100	50.2	50		30 (10)	130 (105)
Q2832-03	TG-S02	2-Fluorophenol	150	67.0	45		30 (18)	130 (112)
		Phenol-d6	150	67.8	45		30 (15)	130 (107)
		Nitrobenzene-d5	100	41.6	42		30 (18)	130 (107)
		2-Fluorobiphenyl	100	43.2	43		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	64.3	43		30 (10)	130 (116)
		Terphenyl-d14	100	47.0	47		30 (10)	130 (105)
Q2832-05	TG-S03	2-Fluorophenol	150	101	67		30 (18)	130 (112)
		Phenol-d6	150	101	68		30 (15)	130 (107)
		Nitrobenzene-d5	100	65.6	66		30 (18)	130 (107)
		2-Fluorobiphenyl	100	67.6	68		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	101	67		30 (10)	130 (116)
		Terphenyl-d14	100	73.8	74		30 (10)	130 (105)
Q2832-07	TG-S04	2-Fluorophenol	150	95.5	64		30 (18)	130 (112)
		Phenol-d6	150	96.0	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	60.7	61		30 (18)	130 (107)
		2-Fluorobiphenyl	100	63.8	64		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	94.0	63		30 (10)	130 (116)
		Terphenyl-d14	100	64.6	65		30 (10)	130 (105)
Q2832-09	TG-S05	2-Fluorophenol	150	92.6	62		30 (18)	130 (112)
		Phenol-d6	150	97.2	65		30 (15)	130 (107)
		Nitrobenzene-d5	100	73.2	73		30 (18)	130 (107)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: Q2832

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2832-09	TG-S05	2-Fluorobiphenyl	100	77.0	77		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	88.8	59		30 (10)	130 (116)
		Terphenyl-d14	100	74.5	74		30 (10)	130 (105)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2832

Analytical Method: SW8270E

Client: Portal Partners Tri-Venture

DataFile: BP025415.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2820-17MS	Client Sample ID:	88H-EMS								
Benzaldehyde	2000	0	1100	ug/Kg	55				20 (10)	160 (171)	
Phenol	2000	0	1800	ug/Kg	90				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	2000	0	1700	ug/Kg	85				70 (54)	130 (125)	
2-Chlorophenol	2000	0	1800	ug/Kg	90				70 (51)	130 (121)	
2-Methylphenol	2000	0	1800	ug/Kg	90				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85				70 (46)	130 (119)	
Acetophenone	2000	0	1700	ug/Kg	85				70 (55)	130 (128)	
3+4-Methylphenols	2000	0	1800	ug/Kg	90				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	2000	0	1600	ug/Kg	80				70 (59)	130 (119)	
Hexachloroethane	2000	0	1700	ug/Kg	85				20 (51)	160 (116)	
Nitrobenzene	2000	0	1700	ug/Kg	85				70 (47)	130 (124)	
Isophorone	2000	0	1700	ug/Kg	85				70 (49)	130 (127)	
2-Nitrophenol	2000	0	1800	ug/Kg	90				70 (43)	130 (131)	
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	2000	0	1700	ug/Kg	85				70 (51)	130 (119)	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				70 (50)	130 (122)	
Naphthalene	2000	0	1700	ug/Kg	85				70 (51)	130 (121)	
4-Chloroaniline	2000	0	930	ug/Kg	47	*			70 (10)	130 (100)	
Hexachlorobutadiene	2000	0	1700	ug/Kg	85				70 (44)	130 (126)	
Caprolactam	2000	0	1800	ug/Kg	90				20 (51)	160 (134)	
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90				70 (57)	130 (132)	
2-Methylnaphthalene	2000	0	1700	ug/Kg	85				70 (59)	130 (123)	
Hexachlorocyclopentadiene	4000	0	3500	ug/Kg	88				20 (10)	160 (175)	
2,4,6-Trichlorophenol	2000	0	1900	ug/Kg	95				70 (33)	130 (141)	
2,4,5-Trichlorophenol	2000	0	1900	ug/Kg	95				70 (38)	130 (135)	
1,1-Biphenyl	2000	0	1800	ug/Kg	90				70 (55)	130 (131)	
2-Chloronaphthalene	2000	0	1800	ug/Kg	90				70 (48)	130 (124)	
2-Nitroaniline	2000	0	1900	ug/Kg	95				70 (47)	130 (134)	
Dimethylphthalate	2000	0	1800	ug/Kg	90				70 (54)	130 (120)	
Acenaphthylene	2000	0	1800	ug/Kg	90				70 (57)	130 (125)	
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90				70 (48)	130 (127)	
3-Nitroaniline	2000	0	1200	ug/Kg	60	*			70 (10)	130 (112)	
Acenaphthene	2000	0	1800	ug/Kg	90				70 (70)	130 (121)	
2,4-Dinitrophenol	4000	0	3900	ug/Kg	98				20 (10)	160 (155)	
4-Nitrophenol	4000	0	3800	ug/Kg	95				20 (10)	160 (175)	
Dibenzofuran	2000	0	1800	ug/Kg	90				70 (52)	130 (114)	
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95				70 (41)	130 (140)	
Diethylphthalate	2000	0	1800	ug/Kg	90				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	2000	0	1700	ug/Kg	85				70 (48)	130 (122)	
Fluorene	2000	0	1700	ug/Kg	85				70 (53)	130 (118)	
4-Nitroaniline	2000	0	1700	ug/Kg	85				70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	2000	0	1800	ug/Kg	90				70 (10)	130 (160)	
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90				70 (73)	130 (118)	
4-Bromophenyl-phenylether	2000	0	1800	ug/Kg	90				70 (65)	130 (121)	
Hexachlorobenzene	2000	0	1800	ug/Kg	90				70 (67)	130 (118)	
Atrazine	2000	0	1800	ug/Kg	90				70 (45)	130 (175)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2832

Analytical Method: SW8270E

Client: Portal Partners Tri-Venture

DataFile: BP025415.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	4000	0	3800	ug/Kg	95				20 (13)	160 (153)	
Phenanthrene	2000	0	1800	ug/Kg	90				70 (52)	130 (128)	
Anthracene	2000	0	1800	ug/Kg	90				70 (62)	130 (124)	
Carbazole	2000	0	1800	ug/Kg	90				70 (59)	130 (119)	
Di-n-butylphthalate	2000	0	1800	ug/Kg	90				70 (55)	130 (125)	
Fluoranthene	2000	0	1800	ug/Kg	90				70 (44)	130 (125)	
Pyrene	2000	0	1700	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	2000	0	1800	ug/Kg	90				70 (44)	130 (135)	
3,3-Dichlorobenzidine	2000	0	1000	ug/Kg	50	*			70 (15)	130 (112)	
Benzo(a)anthracene	2000	0	1800	ug/Kg	90				70 (53)	130 (119)	
Chrysene	2000	0	1800	ug/Kg	90				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	2000	0	1800	ug/Kg	90				70 (42)	130 (169)	
Di-n-octyl phthalate	2000	0	1800	ug/Kg	90				70 (51)	130 (156)	
Benzo(b)fluoranthene	2000	0	1800	ug/Kg	90				70 (52)	130 (117)	
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90				70 (57)	130 (134)	
Benzo(a)pyrene	2000	0	1800	ug/Kg	90				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90				70 (40)	130 (129)	
Dibenz(a,h)anthracene	2000	0	1800	ug/Kg	90				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	2000	0	1800	ug/Kg	90				70 (52)	130 (134)	
1,4-Dioxane	2000	0	1400	ug/Kg	70				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	2000	0	1800	ug/Kg	90				70 (24)	130 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2832

Analytical Method: SW8270E

Client: Portal Partners Tri-Venture

DataFile: BP025416.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2820-17MSD	Client Sample ID:	88H-EMSD								
Benzaldehyde	2000	0	1100	ug/Kg	55		0		20 (10)	160 (171)	30 (20)
Phenol	2000	0	1900	ug/Kg	95		5		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	2000	0	1700	ug/Kg	85		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	2000	0	1900	ug/Kg	95		5		70 (51)	130 (121)	30 (20)
2-Methylphenol	2000	0	1900	ug/Kg	95		5		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85		0		70 (46)	130 (119)	30 (20)
Acetophenone	2000	0	1800	ug/Kg	90		6		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	2000	0	1900	ug/Kg	95		5		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	2000	0	1700	ug/Kg	85		6		70 (59)	130 (119)	30 (20)
Hexachloroethane	2000	0	1700	ug/Kg	85		0		20 (51)	160 (116)	30 (20)
Nitrobenzene	2000	0	1800	ug/Kg	90		6		70 (47)	130 (124)	30 (20)
Isophorone	2000	0	1800	ug/Kg	90		6		70 (49)	130 (127)	30 (20)
2-Nitrophenol	2000	0	1900	ug/Kg	95		5		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	2000	0	2000	ug/Kg	100		5		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	2000	0	1800	ug/Kg	90		6		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	2000	0	2000	ug/Kg	100		5		70 (50)	130 (122)	30 (20)
Naphthalene	2000	0	1800	ug/Kg	90		6		70 (51)	130 (121)	30 (20)
4-Chloroaniline	2000	0	1000	ug/Kg	50	*	6		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	2000	0	1800	ug/Kg	90		6		70 (44)	130 (126)	30 (20)
Caprolactam	2000	0	1900	ug/Kg	95		5		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	2000	0	2000	ug/Kg	100		11		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	2000	0	1800	ug/Kg	90		6		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	4000	0	3600	ug/Kg	90		2		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100		5		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100		5		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	2000	0	1800	ug/Kg	90		0		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	2000	0	1800	ug/Kg	90		0		70 (48)	130 (124)	30 (20)
2-Nitroaniline	2000	0	2000	ug/Kg	100		5		70 (47)	130 (134)	30 (20)
Dimethylphthalate	2000	0	1800	ug/Kg	90		0		70 (54)	130 (120)	30 (20)
Acenaphthylene	2000	0	1800	ug/Kg	90		0		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	2000	0	1900	ug/Kg	95		5		70 (48)	130 (127)	30 (20)
3-Nitroaniline	2000	0	1300	ug/Kg	65	*	8		70 (10)	130 (112)	30 (20)
Acenaphthene	2000	0	1800	ug/Kg	90		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	4000	0	4100	ug/Kg	103		5		20 (10)	160 (155)	30 (20)
4-Nitrophenol	4000	0	4000	ug/Kg	100		5		20 (10)	160 (175)	30 (20)
Dibenzofuran	2000	0	1800	ug/Kg	90		0		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	2000	0	2000	ug/Kg	100		5		70 (41)	130 (140)	30 (20)
Diethylphthalate	2000	0	1800	ug/Kg	90		0		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90		6		70 (48)	130 (122)	30 (20)
Fluorene	2000	0	1800	ug/Kg	90		6		70 (53)	130 (118)	30 (20)
4-Nitroaniline	2000	0	1800	ug/Kg	90		6		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	2000	0	1900	ug/Kg	95		5		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90		0		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	2000	0	1800	ug/Kg	90		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	2000	0	1800	ug/Kg	90		0		70 (67)	130 (118)	30 (20)
Atrazine	2000	0	1900	ug/Kg	95		5		70 (45)	130 (175)	30 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2832

Analytical Method: SW8270E

Client: Portal Partners Tri-Venture

DataFile: BP025416.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	4000	0	4000	ug/Kg	100		5		20 (13)	160 (153)	30 (20)
Phenanthrene	2000	0	1800	ug/Kg	90		0		70 (52)	130 (128)	30 (20)
Anthracene	2000	0	1800	ug/Kg	90		0		70 (62)	130 (124)	30 (20)
Carbazole	2000	0	1900	ug/Kg	95		5		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	2000	0	1900	ug/Kg	95		5		70 (55)	130 (125)	30 (20)
Fluoranthene	2000	0	1900	ug/Kg	95		5		70 (44)	130 (125)	30 (20)
Pyrene	2000	0	1800	ug/Kg	90		6		70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	2000	0	1900	ug/Kg	95		5		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	2000	0	1100	ug/Kg	55	*	10		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	2000	0	1900	ug/Kg	95		5		70 (53)	130 (119)	30 (20)
Chrysene	2000	0	1900	ug/Kg	95		5		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	2000	0	1900	ug/Kg	95		5		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	2000	0	1900	ug/Kg	95		5		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	2000	0	1800	ug/Kg	90		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	2000	0	1900	ug/Kg	95		5		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	2000	0	1900	ug/Kg	95		5		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95		5		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95		5		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	2000	0	1800	ug/Kg	90		0		70 (52)	130 (134)	30 (20)
1,4-Dioxane	2000	0	1500	ug/Kg	75		7		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	2000	0	2000	ug/Kg	100		11		70 (24)	130 (146)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2832

Analytical Method:

8270E

Client: Portal Partners Tri-Venture

DataFile:

BP025407.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169228BS	Benzaldehyde	1700	890	ug/Kg	52				20 (10)	160 (133)	
	Phenol	1700	1500	ug/Kg	88				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				70 (60)	130 (101)	
	2-Chlorophenol	1700	1500	ug/Kg	88				70 (65)	130 (112)	
	2-Methylphenol	1700	1600	ug/Kg	94				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				70 (51)	130 (100)	
	Acetophenone	1700	1400	ug/Kg	82				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1500	ug/Kg	88				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1400	ug/Kg	82				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				70 (62)	130 (107)	
	Naphthalene	1700	1400	ug/Kg	82				70 (62)	130 (100)	
	4-Chloroaniline	1700	1100	ug/Kg	65		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				70 (53)	130 (98)	
	Caprolactam	1700	1600	ug/Kg	94				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1500	ug/Kg	88				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Acenaphthylene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				70 (61)	130 (104)	
	3-Nitroaniline	1700	1200	ug/Kg	71				70 (28)	130 (100)	
	Acenaphthene	1700	1500	ug/Kg	88				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				20 (37)	160 (128)	
	4-Nitrophenol	3300	3200	ug/Kg	97				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				70 (60)	130 (106)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q2832</u>	Analytical Method: <u>8270E</u>
Client: <u>Portal Partners Tri-Venture</u>	DataFile: <u>BP025407.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169228BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)		
	Atrazine	1700	1500	ug/Kg	88				70 (47)	130 (152)		
	Pentachlorophenol	3300	3200	ug/Kg	97				20 (67)	160 (105)		
	Phenanthrene	1700	1500	ug/Kg	88				70 (59)	130 (103)		
	Anthracene	1700	1500	ug/Kg	88				70 (61)	130 (105)		
	Carbazole	1700	1500	ug/Kg	88				70 (61)	130 (99)		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (58)	130 (104)		
	Fluoranthene	1700	1500	ug/Kg	88				70 (57)	130 (107)		
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				70 (55)	130 (103)		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65		*		70 (42)	130 (91)		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (60)	130 (102)		
	Chrysene	1700	1500	ug/Kg	88				70 (59)	130 (101)		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (54)	130 (135)		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (52)	130 (137)		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				70 (62)	130 (109)		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (103)		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				70 (61)	130 (112)		
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70 (70)	130 (108)		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				70 (53)	130 (101)		
	1,4-Dioxane	1700	1300	ug/Kg	76				20 (50)	160 (96)		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				70 (59)	130 (108)		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169228BL

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab File ID: BP025406.D

Lab Sample ID: PB169228BL

Instrument ID: BNA_P

Date Extracted: 08/13/2025

Matrix: (soil/water) SOIL

Date Analyzed: 08/14/2025

Level: (low/med) LOW

Time Analyzed: 23:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169228BS	PB169228BS	BP025407.D	08/15/2025
88H-EMS	Q2820-17MS	BP025415.D	08/15/2025
88H-EMSD	Q2820-17MSD	BP025416.D	08/15/2025
TG-S03	Q2832-05	BP025467.D	08/18/2025
TG-S04	Q2832-07	BP025468.D	08/18/2025
TG-S05	Q2832-09	BP025537.D	08/21/2025
TG-S01	Q2832-01	BP025547.D	08/22/2025
TG-S02	Q2832-03	BP025548.D	08/22/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025390.D
Instrument ID: BNA_P

Contract: PORT06
SDG NO.: Q2832
DFTPP Injection Date: 08/14/2025
DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	81.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025404.D
Instrument ID: BNA_P

Contract: PORT06
SDG NO.: Q2832
DFTPP Injection Date: 08/14/2025
DFTPP Injection Time: 22:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025405.D	08/14/2025	22:56
PB169228BL	PB169228BL	BP025406.D	08/14/2025	23:37
PB169228BS	PB169228BS	BP025407.D	08/15/2025	00:18
88H-EMS	Q2820-17MS	BP025415.D	08/15/2025	05:48
88H-EMSD	Q2820-17MSD	BP025416.D	08/15/2025	06:29



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: PORT06Lab Code: ACESDG NO.: Q2832Lab File ID: BP025454.DDFTPP Injection Date: 08/18/2025Instrument ID: BNA_PDFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	78.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025455.D	08/18/2025	10:39
TG-S03	Q2832-05	BP025467.D	08/18/2025	18:58
TG-S04	Q2832-07	BP025468.D	08/18/2025	19:39



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025527.D
Instrument ID: BNA_P

Contract: PORT06
SDG NO.: Q2832
DFTPP Injection Date: 08/21/2025
DFTPP Injection Time: 06:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP025528.D	08/21/2025	06:42
TG-S05	Q2832-09	BP025537.D	08/21/2025	12:53



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: PORT06Lab Code: ACESDG NO.: Q2832Lab File ID: BP025543.DDFTPP Injection Date: 08/22/2025Instrument ID: BNA_PDFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	78.6
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	BP025544.D	08/22/2025	10:49
TG-S01	Q2832-01	BP025547.D	08/22/2025	13:32
TG-S02	Q2832-03	BP025548.D	08/22/2025	14:13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2832

Client ID : SSTDCCC040

Date Analyzed: 08/14/2025

Lab File ID: BP025405.D

Time Analyzed: 22:56

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	125696	7.79	523394	10.55	347617	14.40
UPPER LIMIT	251392	8.29	1046790	11.054	695234	14.901
LOWER LIMIT	62848	7.29	261697	10.054	173809	13.901
EPA SAMPLE NO.						
01 PB169228BL	151255	7.79	580467	10.55	375906	14.40
02 PB169228BS	147030	7.79	606682	10.55	410001	14.40
03 88H-EMS	150786	7.79	605832	10.57	386320	14.40
04 88H-EMSD	152229	7.80	611748	10.56	408254	14.41

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.: Q2832

Client ID: SSTDCCC040

Date Analyzed: 08/14/2025

Lab File ID: BP025405.D

Time Analyzed: 22:56

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	711916	17.201	755861	21.642	870596	25.007
UPPER LIMIT	1423830	17.701	1511720	22.142	1741190	25.507
LOWER LIMIT	355958	16.701	377931	21.142	435298	24.507
EPA SAMPLE NO.						
01 PB169228BL	766364	17.20	917581	21.64	1039280	25.02
02 PB169228BS	838541	17.19	848930	21.64	946447	25.02
03 88H-EMS	780287	17.20	875377	21.64	1000600	25.00
04 88H-EMSD	837667	17.20	921761	21.65	1086410	25.02

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.: Q2832

Client ID : SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BP025455.D

Time Analyzed: 10:39

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	129439	7.778	550485	10.55	359982	14.40
UPPER LIMIT	258878	8.278	1100970	11.048	719964	14.901
LOWER LIMIT	64719.5	7.278	275243	10.048	179991	13.901
EPA SAMPLE NO.						
01 TG-S03	166743	7.79	660243	10.56	424895	14.41
02 TG-S04	164690	7.79	657475	10.56	417913	14.40

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.: Q2832

Client ID: SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BP025455.D

Time Analyzed: 10:39

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	707933	17.189	748424	21.63	846697	25
UPPER LIMIT	1415870	17.689	1496850	22.13	1693390	25.5
LOWER LIMIT	353967	16.689	374212	21.13	423349	24.5
EPA SAMPLE NO.						
01 TG-S03	851839	17.21	883261	21.64	1051670	25.01
02 TG-S04	832801	17.20	885684	21.62	1055310	25.00

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.: Q2832

Client ID : SSTDCCC040

Date Analyzed: 08/21/2025

Lab File ID: BP025528.D

Time Analyzed: 06:42

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	210336	7.79	893021	10.56	582847	14.40
UPPER LIMIT	420672	8.29	1786040	11.06	1165690	14.901
LOWER LIMIT	105168	7.29	446511	10.06	291424	13.901
EPA SAMPLE NO.						
01 TG-S05	185117	7.78	725235	10.55	450660	14.40

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.: Q2832

Client ID: SSTDCCC040

Date Analyzed: 08/21/2025

Lab File ID: BP025528.D

Time Analyzed: 06:42

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1185140	17.201	966898	21.642	954709	25.001
UPPER LIMIT	2370280	17.701	1933800	22.142	1909420	25.501
LOWER LIMIT	592570	16.701	483449	21.142	477355	24.501
EPA SAMPLE NO.						
01 TG-S05	892132	17.21	915666	21.65	1087700	25.04

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.: Q2832

Client ID : SSTDCCC040

Date Analyzed: 08/22/2025

Lab File ID: BP025544.D

Time Analyzed: 10:49

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	137158	7.778	591885	10.55	400784	14.39
UPPER LIMIT	274316	8.278	1183770	11.048	801568	14.889
LOWER LIMIT	68579	7.278	295943	10.048	200392	13.889
EPA SAMPLE NO.						
01 TG-S01	203646	7.78	856804	10.54	567110	14.38
02 TG-S02	182769	7.78	732501	10.55	473220	14.40

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.: Q2832

Client ID: SSTDCCC040

Date Analyzed: 08/22/2025

Lab File ID: BP025544.D

Time Analyzed: 10:49

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	833863	17.189	897419	21.624	1034530	24.989
UPPER LIMIT	1667730	17.689	1794840	22.124	2069060	25.489
LOWER LIMIT	416932	16.689	448710	21.124	517265	24.489
EPA SAMPLE NO.						
01 TG-S01	1156510	17.19	1172170	21.64	1294510	25.01
02 TG-S02	960991	17.19	1021550	21.62	1175390	24.97

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-TCL BNA -20
		Final Vol:	1000 uL
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025547.D	5	08/13/25 09:05	08/22/25 13:32	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830	U	830	1800	ug/Kg
108-95-2	Phenol	120	U	120	910	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	910	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	910	ug/Kg
95-48-7	2-Methylphenol	160	U	160	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	910	ug/Kg
98-86-2	Acetophenone	160	U	160	910	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	430	ug/Kg
67-72-1	Hexachloroethane	94.0	U	94.0	910	ug/Kg
98-95-3	Nitrobenzene	97.7	U	97.7	910	ug/Kg
78-59-1	Isophorone	180	U	180	910	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	910	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	910	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	910	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	910	ug/Kg
91-20-3	Naphthalene	480	J	120	910	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	910	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	910	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	910	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	910	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	910	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	910	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	910	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	910	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	910	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	910	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025547.D	5	08/13/25 09:05	08/22/25 13:32	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	150	910	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	910	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	910	ug/Kg
83-32-9	Acenaphthene	110	U	110	910	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	910	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	910	ug/Kg
84-66-2	Diethylphthalate	150	U	150	910	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	910	ug/Kg
86-73-7	Fluorene	140	U	140	910	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	910	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	910	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	910	ug/Kg
1912-24-9	Atrazine	180	U	180	910	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	1800	ug/Kg
85-01-8	Phenanthrene	2100		110	910	ug/Kg
120-12-7	Anthracene	500	J	180	910	ug/Kg
86-74-8	Carbazole	170	U	170	910	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	910	ug/Kg
206-44-0	Fluoranthene	2400		160	910	ug/Kg
129-00-0	Pyrene	2000		190	910	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	910	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	UQ	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1100		120	910	ug/Kg
218-01-9	Chrysene	1100		110	910	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	910	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		100	910	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025547.D	5	08/13/25 09:05	08/22/25 13:32	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	560	J	120	910	ug/Kg
50-32-8	Benzo(a)pyrene	960		160	910	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	J	160	910	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	910	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560	J	140	910	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	910	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	910	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	910	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	69.3		30 (18) - 130 (112)	46%	SPK: 150
13127-88-3	Phenol-d6	73.1		30 (15) - 130 (107)	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.4		30 (18) - 130 (107)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.0		30 (20) - 130 (109)	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.0		30 (10) - 130 (116)	48%	SPK: 150
1718-51-0	Terphenyl-d14	50.2		30 (10) - 130 (105)	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	204000	7.778
1146-65-2	Naphthalene-d8	857000	10.543
15067-26-2	Acenaphthene-d10	567000	14.384
1517-22-2	Phenanthrene-d10	1160000	17.189
1719-03-5	Chrysene-d12	1170000	21.636
1520-96-3	Perylene-d12	1290000	25.007

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	850	J	3.03	ug/Kg
000057-10-3	n-Hexadecanoic acid	1100	J	18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	420	J	18.3	ug/Kg
000192-97-2	Benzo[e]pyrene	670	J	24.7	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025547.D	5	08/13/25 09:05	08/22/25 13:32	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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_P\Data\BP082225\
 Data File : BP025547.D
 Acq On : 22 Aug 2025 13:32
 Operator : CG/JU
 Sample : Q2832-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 14:05:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	203646	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	856804	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	567110	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	1156512	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	1172172	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1294508	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	169847	13.851	ng	-0.01
7) Phenol-d6	6.960	99	230001	14.629	ng	0.00
23) Nitrobenzene-d5	8.913	82	146959	8.676	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	109864	14.393	ng	-0.01
45) 2-Fluorobiphenyl	12.995	172	390090	9.401	ng	-0.02
79) Terphenyl-d14	19.901	244	643164	10.039	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.596	128	119323	2.679	ng	99
71) Phenanthrene	17.236	178	756424	11.906	ng	100
72) Anthracene	17.330	178	183602	2.830	ng	99
75) Fluoranthene	19.319	202	1019212	13.449	ng	99
78) Pyrene	19.695	202	869774	11.416	ng	99
81) Benzo(a)anthracene	21.618	228	495667	6.412	ng	97
83) Chrysene	21.683	228	430321	5.944	ng	97
87) Indeno(1,2,3-cd)pyrene	28.806	276	269905	2.843	ng	# 89
88) Benzo(b)fluoranthene	23.918	252	565395	7.407	ng	95
89) Benzo(k)fluoranthene	23.995	252	239038m	3.129	ng	
90) Benzo(a)pyrene	24.824	252	399560	5.377	ng	98
92) Benzo(g,h,i)perylene	29.971	276	241393	3.165	ng	98

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

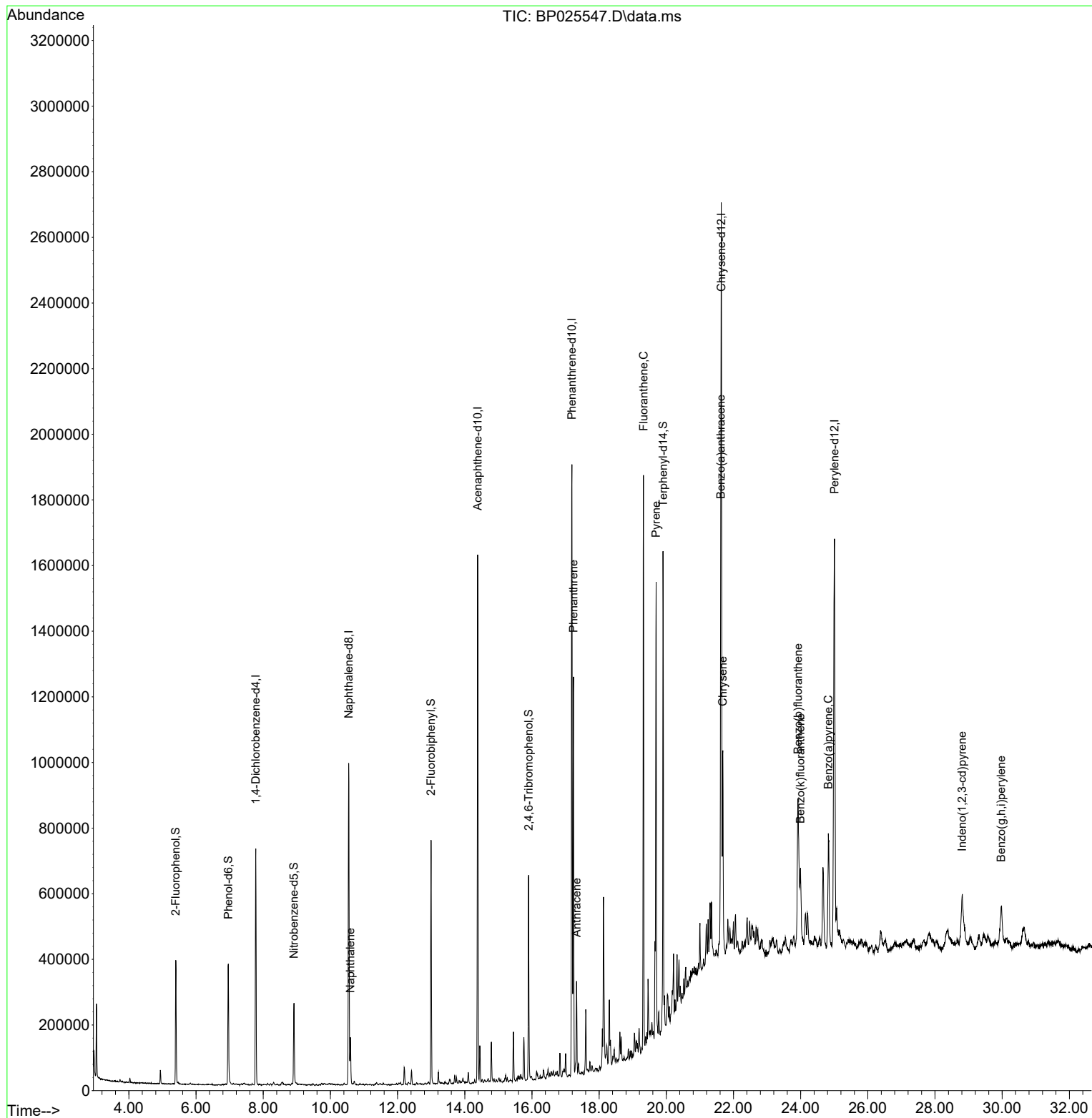
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Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

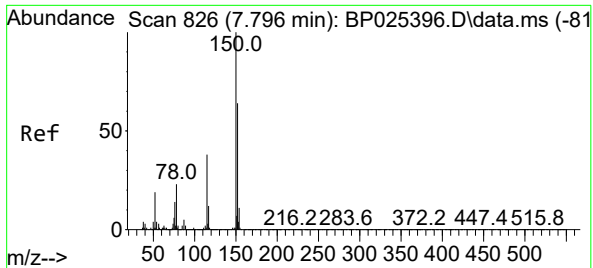
Instrument :
BNA_P
ClientSampleId :
TG-S01

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

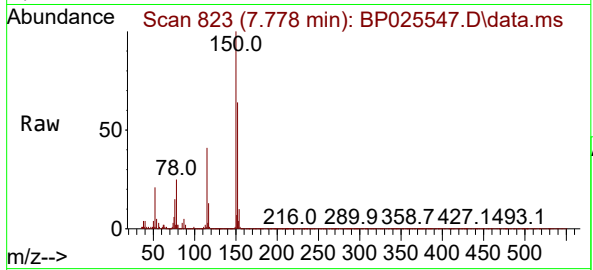
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

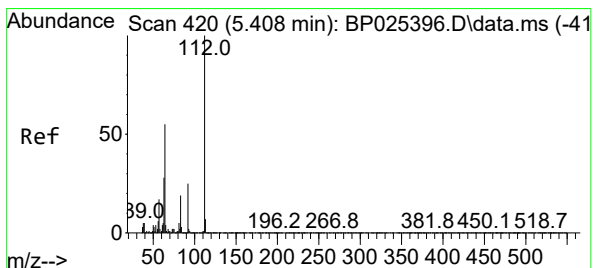
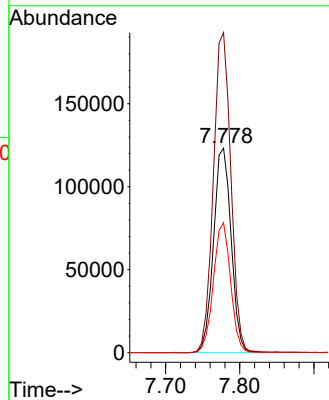
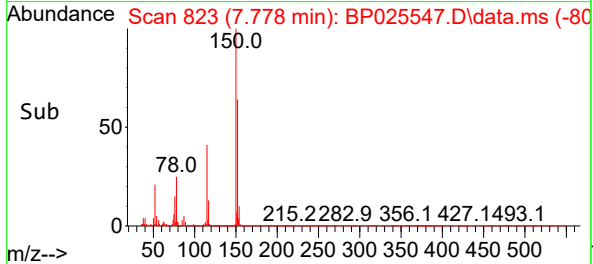
Instrument :
BNA_P
ClientSampleId :
TG-S01



Tgt Ion:152 Resp: 203640
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 63.6 48.5 72.7

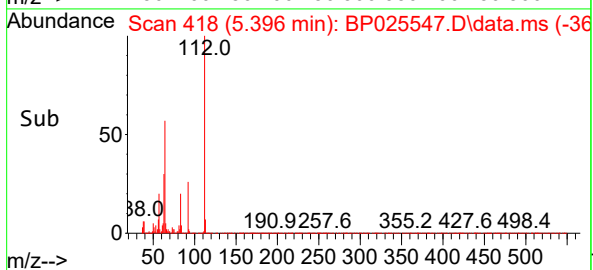
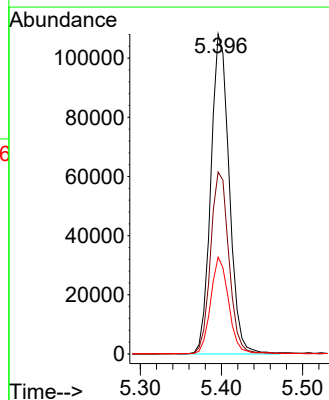
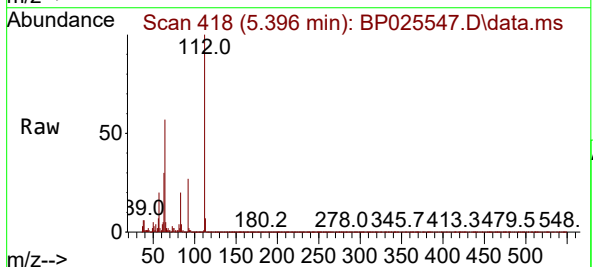
Manual Integrations
APPROVED

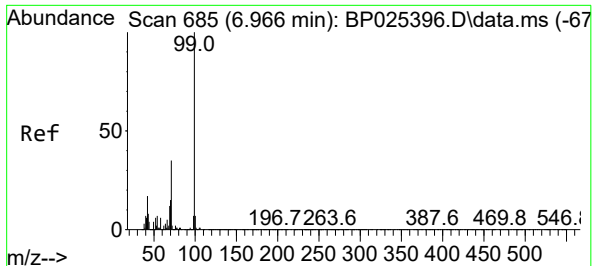
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#5
2-Fluorophenol
Concen: 13.851 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

Tgt Ion:112 Resp: 169847
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 30.3 22.7 34.1





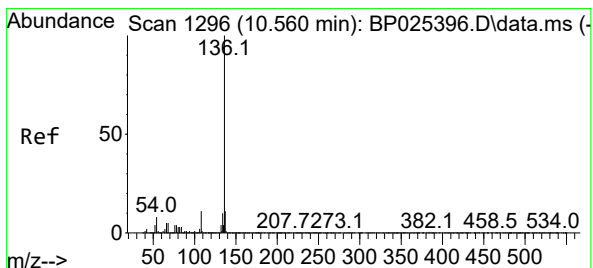
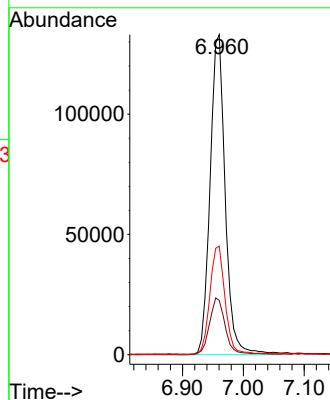
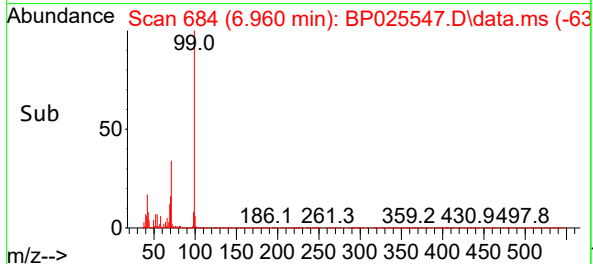
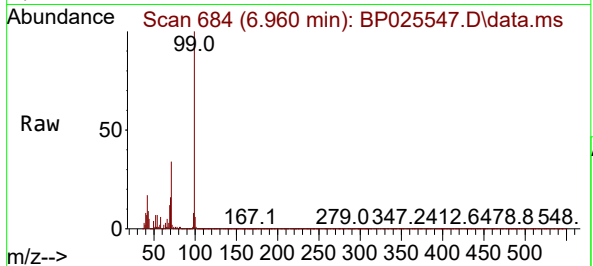
#7
Phenol-d6
Concen: 14.629 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

Instrument :
BNA_P
ClientSampleId :
TG-S01

Tgt Ion: 99 Resp: 23000
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 33.9 28.2 42.4

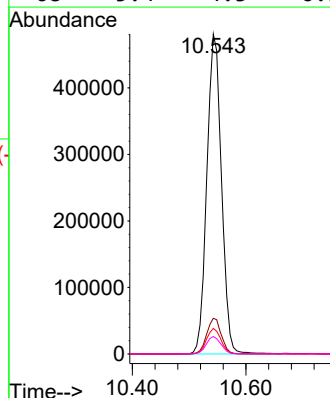
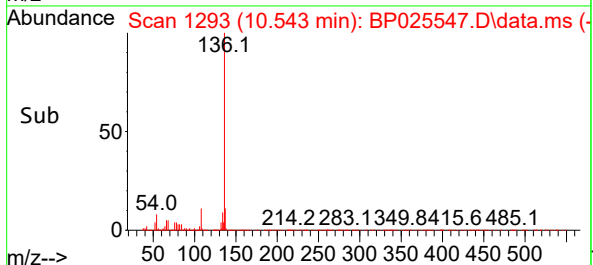
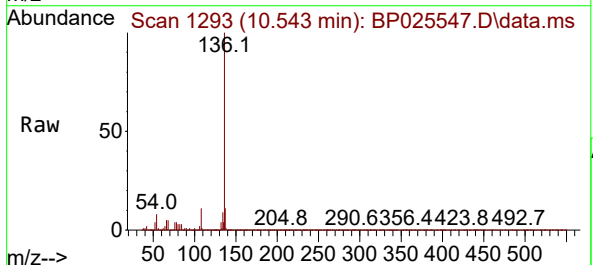
Manual Integrations
APPROVED

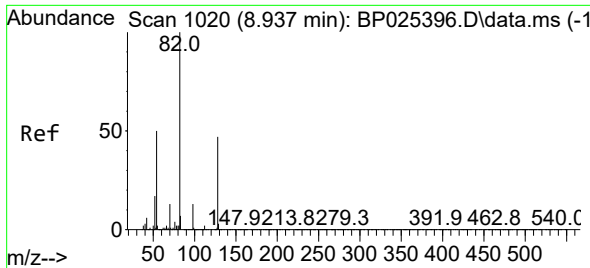
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

Tgt Ion:136 Resp: 856804
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.0 6.0 9.0
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 8.676 ng

RT: 8.913 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BP025547.D

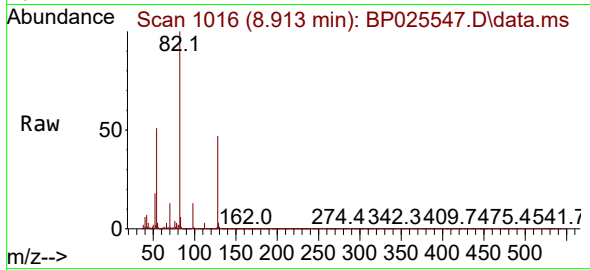
Acq: 22 Aug 2025 13:32

Instrument :

BNA_P

ClientSampleId :

TG-S01



Tgt Ion: 82 Resp: 14695

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

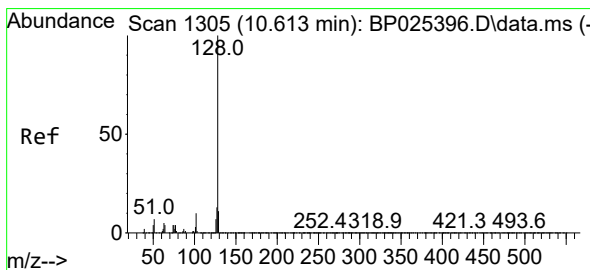
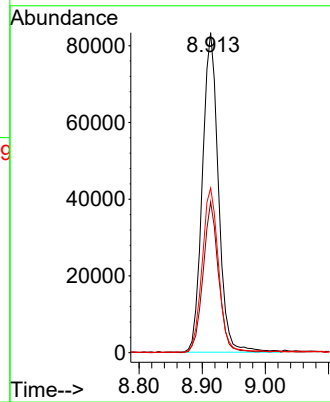
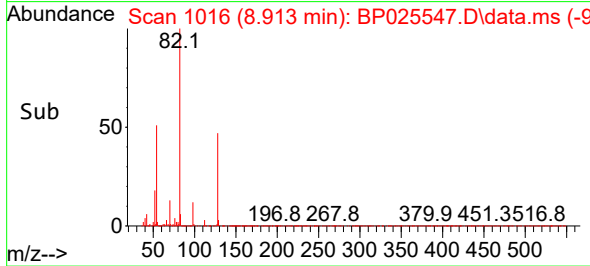
54 51.5 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#31

Naphthalene

Concen: 2.679 ng

RT: 10.596 min Scan# 1302

Delta R.T. -0.018 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

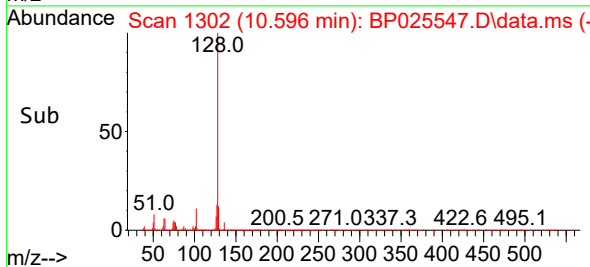
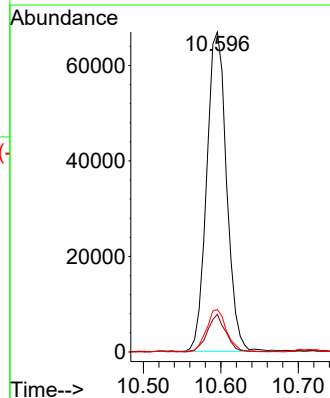
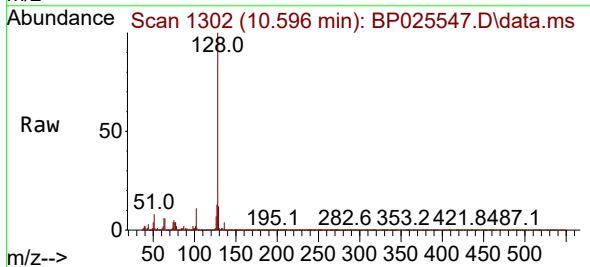
Tgt Ion:128 Resp: 119323

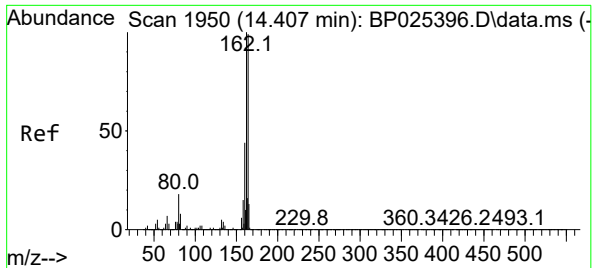
Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

127 13.2 10.7 16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.384 min Scan# 1950

Delta R.T. -0.024 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

Instrument :

BNA_P

ClientSampleId :

TG-S01

Tgt Ion:164 Resp: 567110

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

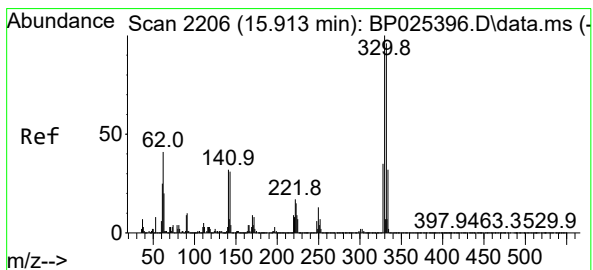
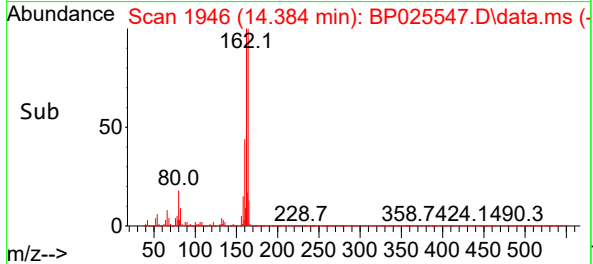
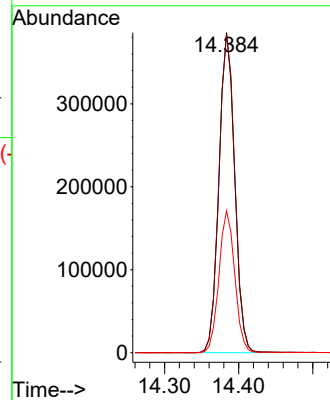
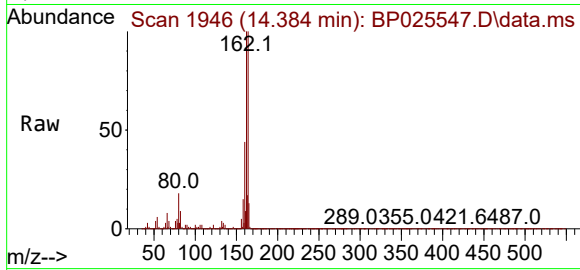
160 44.4 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#42

2,4,6-Tribromophenol

Concen: 14.393 ng

RT: 15.901 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

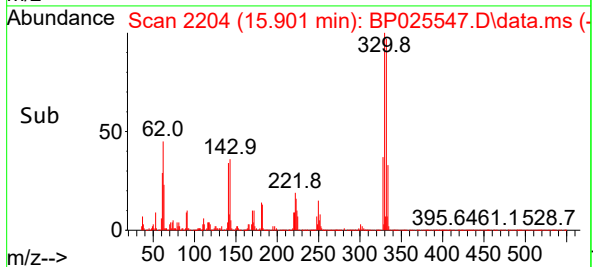
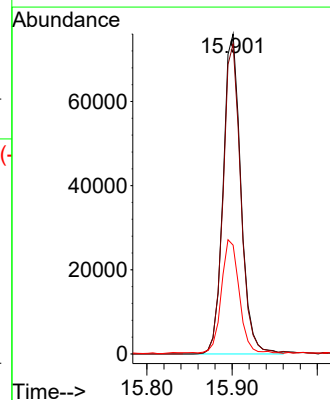
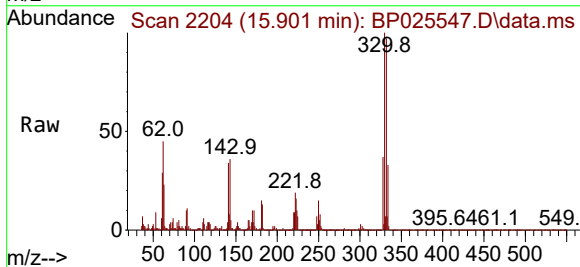
Tgt Ion:330 Resp: 109864

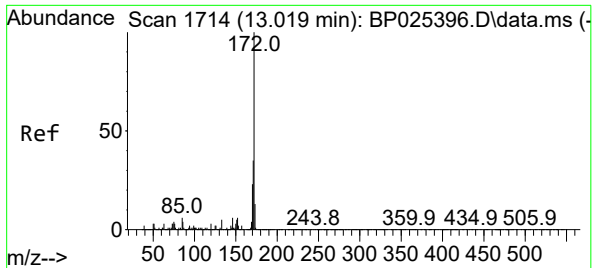
Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

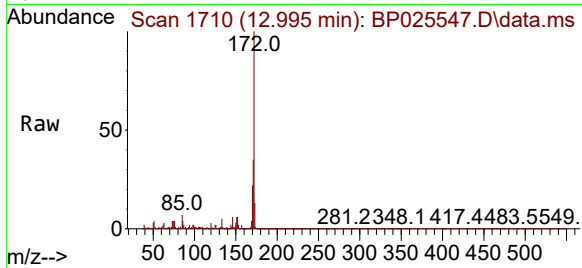
141 36.9 26.6 39.8





#45
2-Fluorobiphenyl
Concen: 9.401 ng
RT: 12.995 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

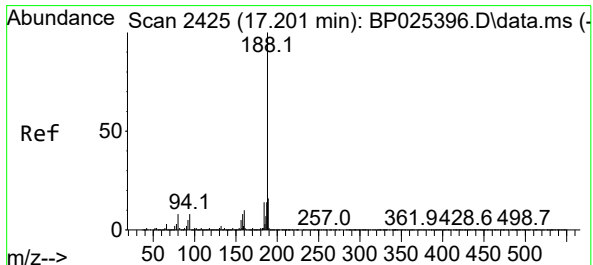
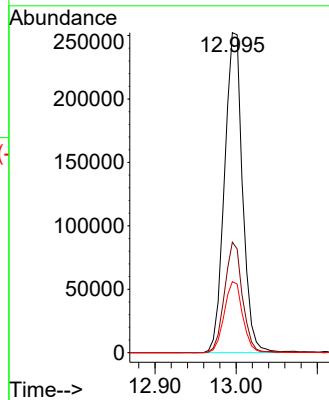
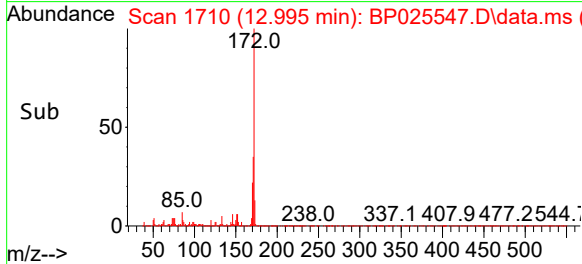
Instrument :
BNA_P
ClientSampleId :
TG-S01



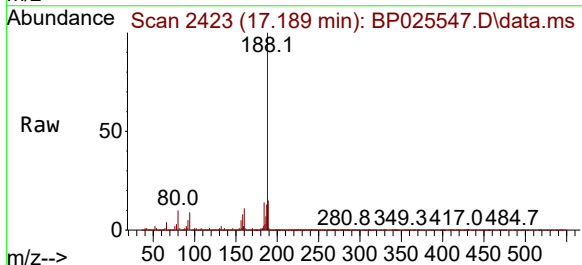
Tgt Ion:172 Resp: 390090
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.2 18.6 28.0

Manual Integrations
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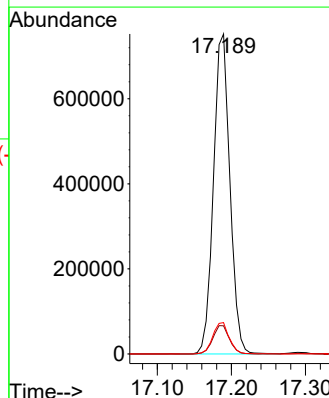
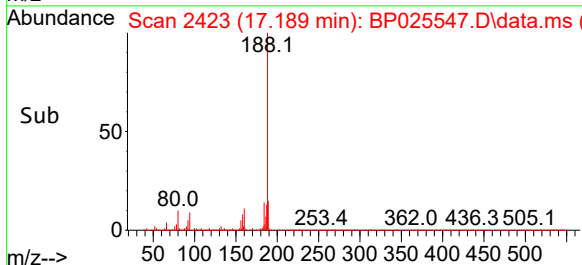
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

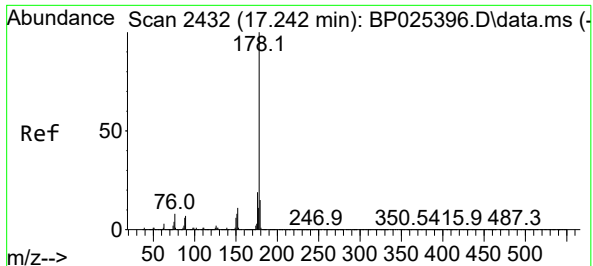


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32



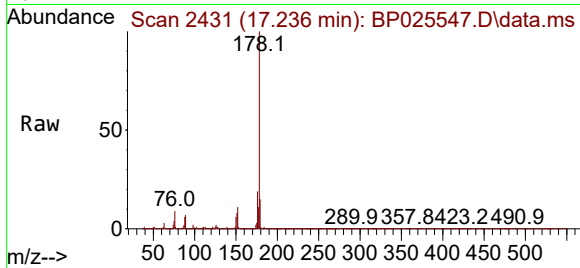
Tgt Ion:188 Resp: 1156512
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.8 6.7 10.1





#71
Phenanthrene
Concen: 11.906 ng
RT: 17.236 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

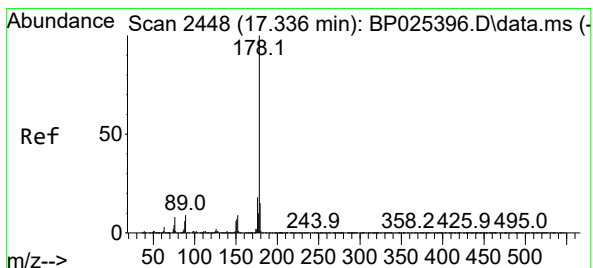
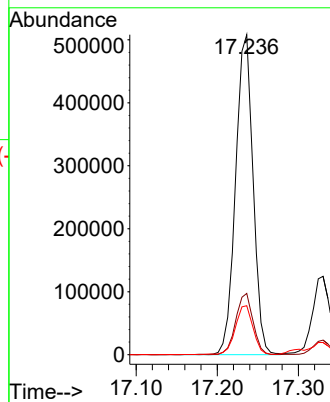
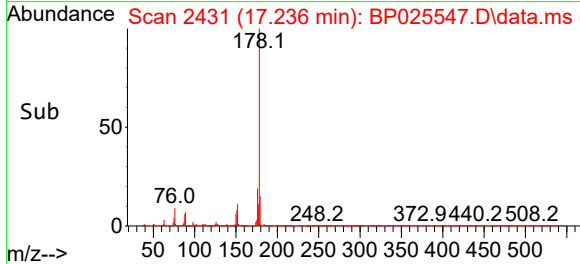
Instrument :
BNA_P
ClientSampleId :
TG-S01



Tgt Ion:178 Resp: 756424
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.3 12.2 18.4

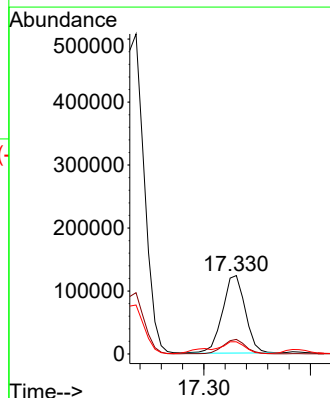
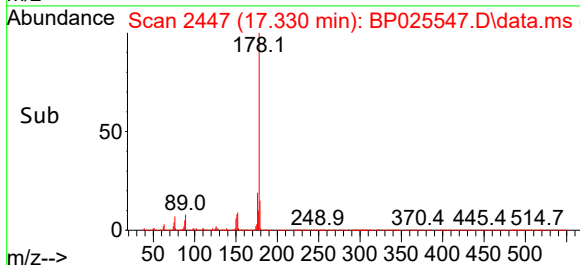
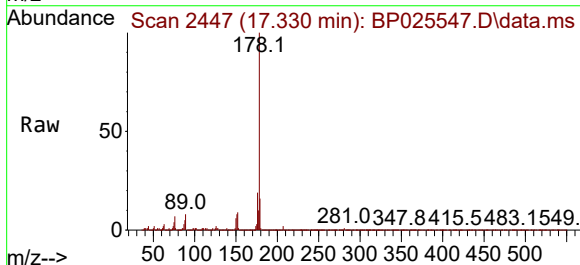
Manual Integrations
APPROVED

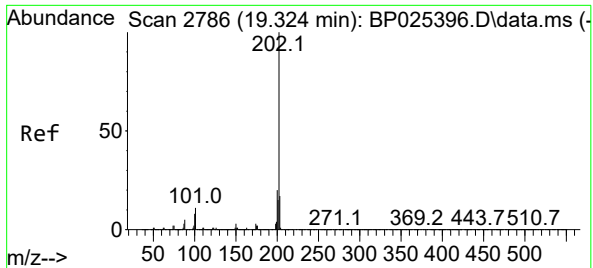
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#72
Anthracene
Concen: 2.830 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

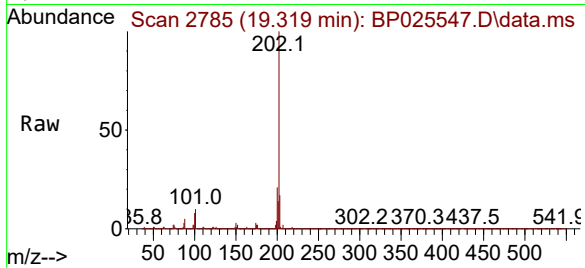
Tgt Ion:178 Resp: 183602
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.2





#75
Fluoranthene
Concen: 13.449 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

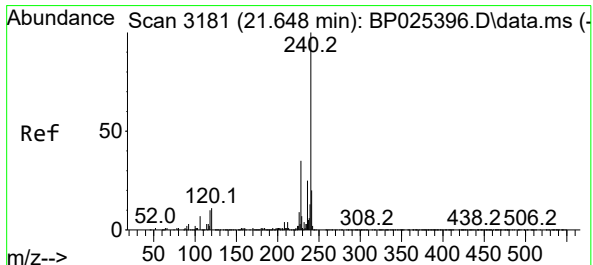
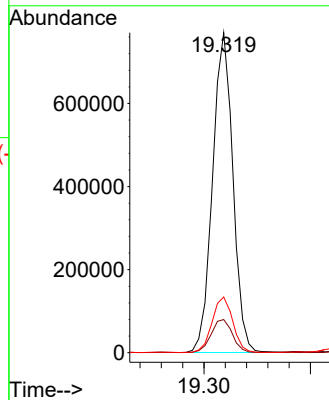
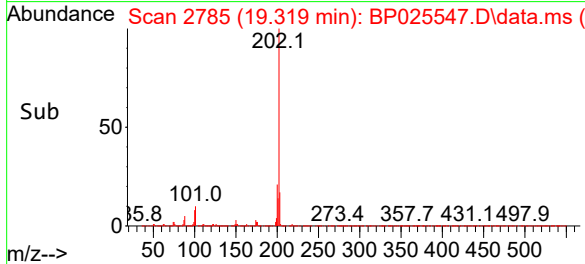
Instrument :
BNA_P
ClientSampleId :
TG-S01



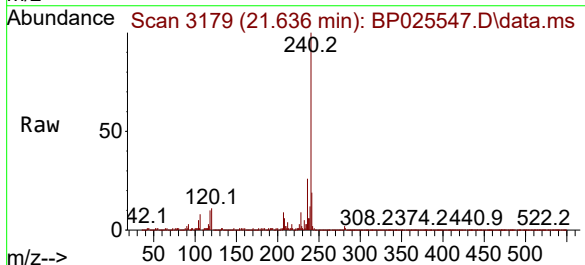
Tgt Ion:202 Resp: 101921
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 17.4 0.0 37.3

Manual Integrations
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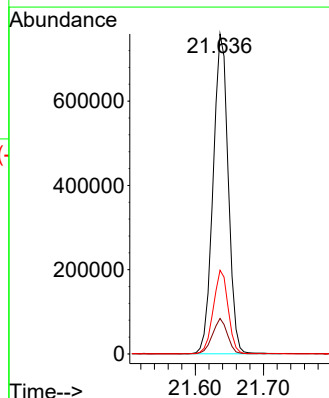
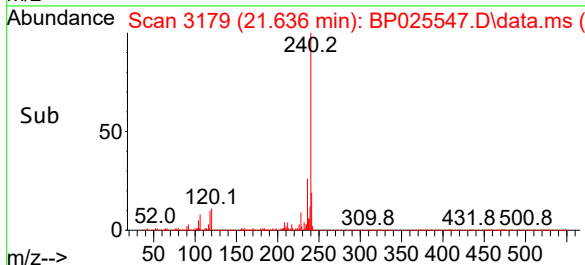
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

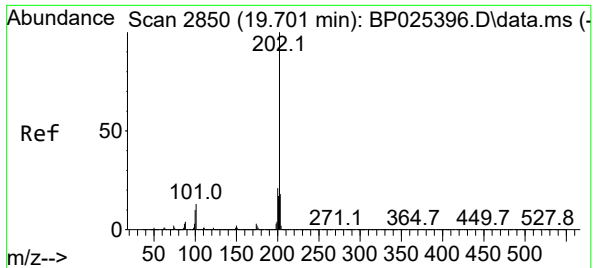


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32



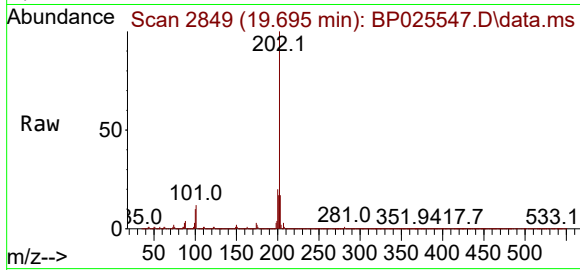
Tgt Ion:240 Resp: 1172172
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.2 19.8 29.8





#78
Pyrene
Concen: 11.416 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

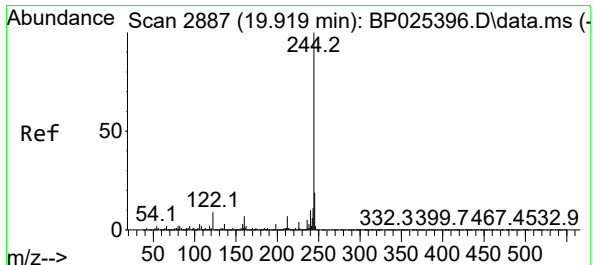
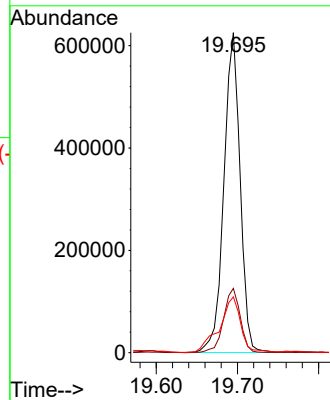
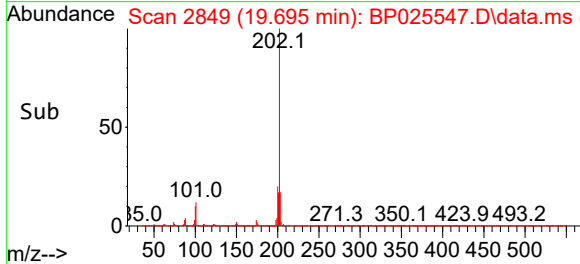
Instrument :
BNA_P
ClientSampleId :
TG-S01



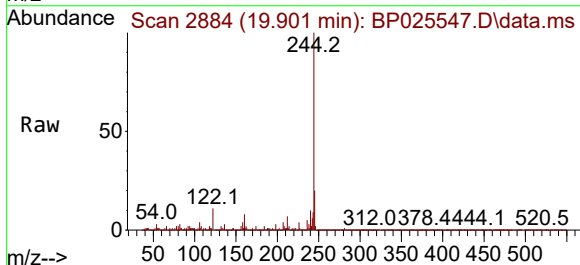
Tgt Ion:202 Resp: 869774
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 17.5 14.2 21.2

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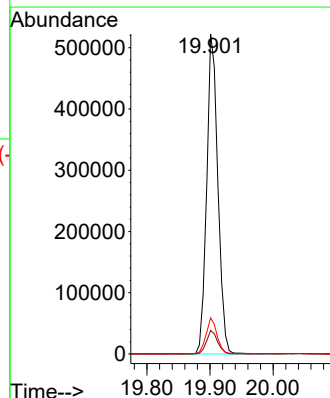
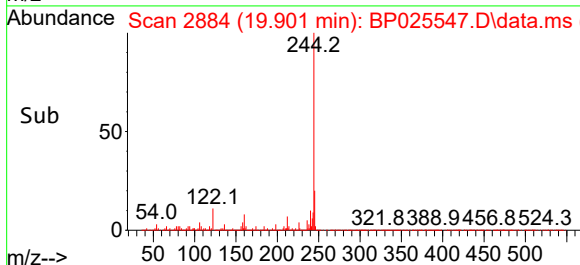
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

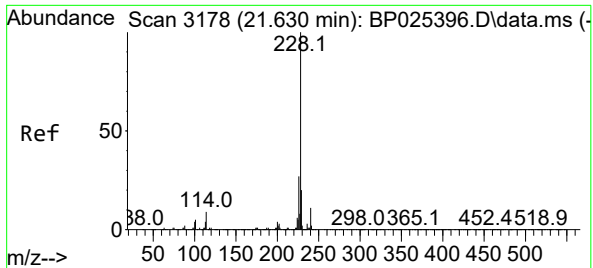


#79
Terphenyl-d14
Concen: 10.039 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.018 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32



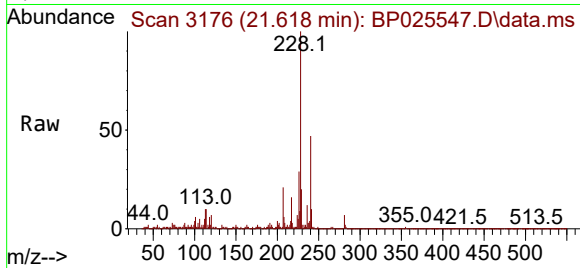
Tgt Ion:244 Resp: 643164
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 11.3 7.4 11.2#





#81
Benzo(a)anthracene
Concen: 6.412 ng
RT: 21.618 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

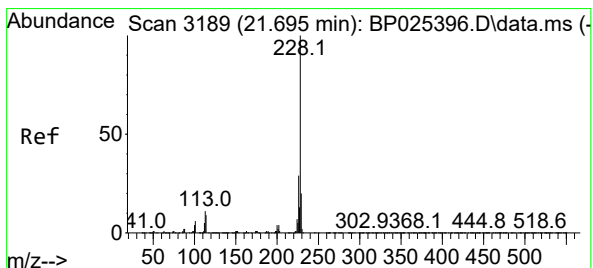
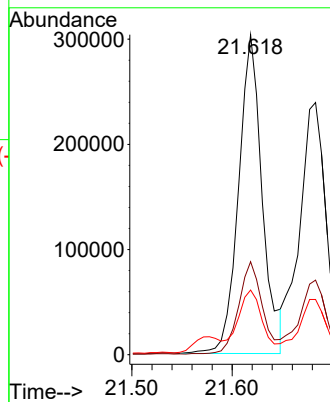
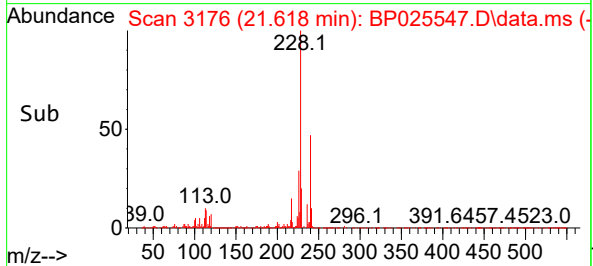
Instrument :
BNA_P
ClientSampleId :
TG-S01



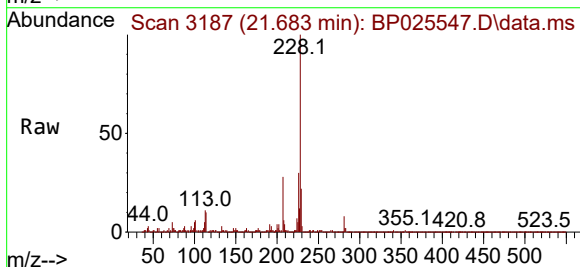
Tgt Ion:228 Resp: 49566
Ion Ratio Lower Upper
228 100
226 29.1 21.7 32.5
229 20.2 15.6 23.4

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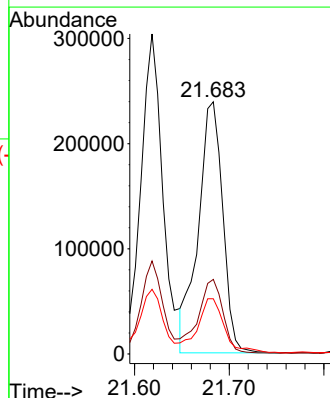
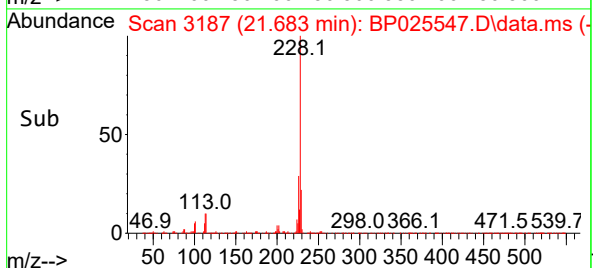
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

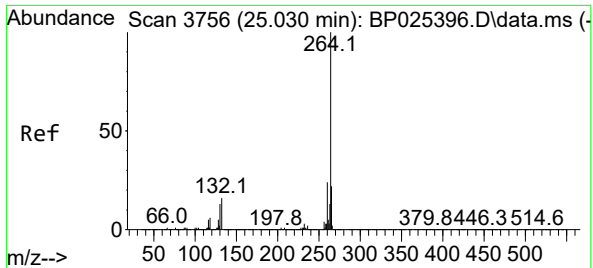


#83
Chrysene
Concen: 5.944 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.012 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32



Tgt Ion:228 Resp: 430321
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 21.9 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

Instrument :

BNA_P

ClientSampleId :

TG-S01

Tgt Ion:264 Resp: 1294508

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

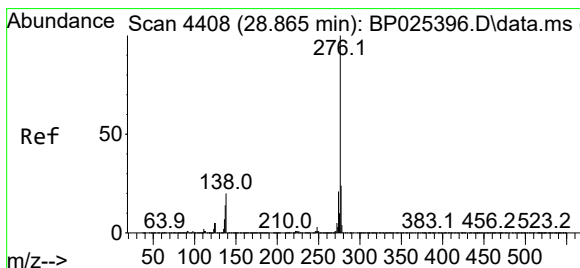
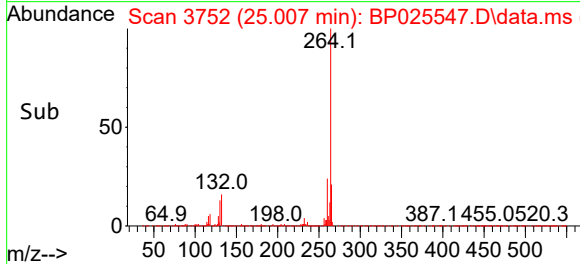
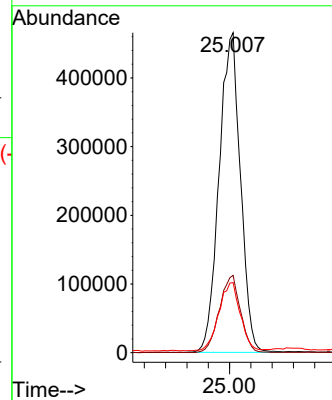
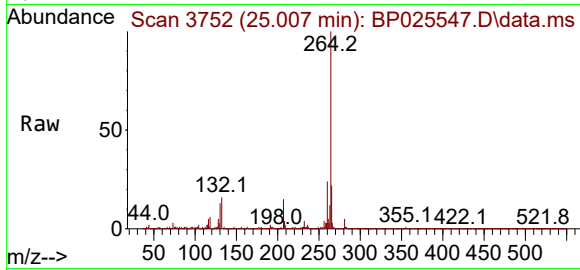
265 21.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.843 ng

RT: 28.806 min Scan# 4398

Delta R.T. -0.059 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

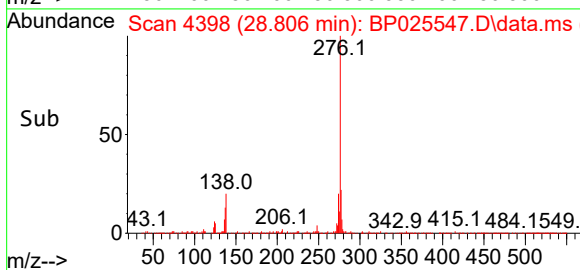
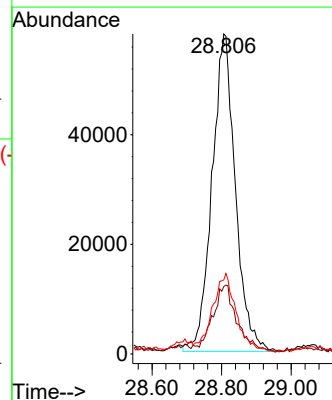
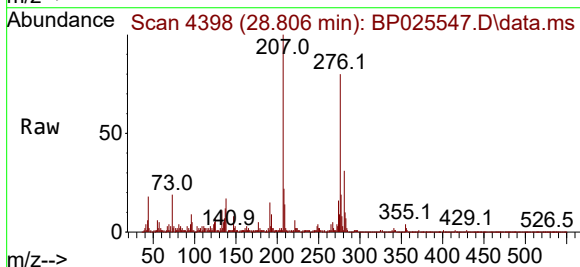
Tgt Ion:276 Resp: 269905

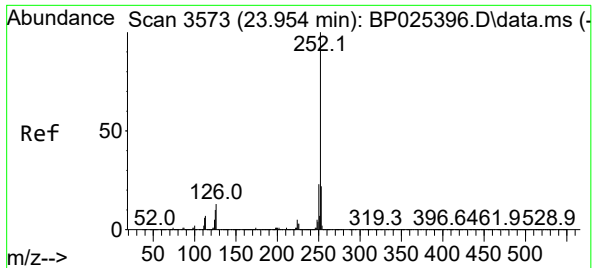
Ion Ratio Lower Upper

276 100

138 22.6 12.9 19.3#

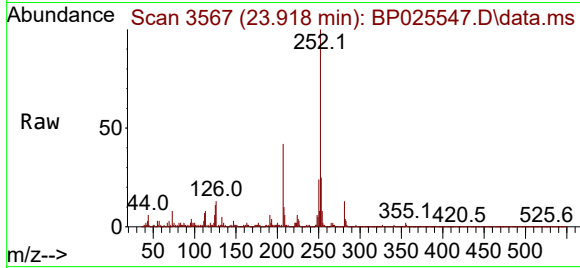
277 25.1 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 7.407 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.035 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

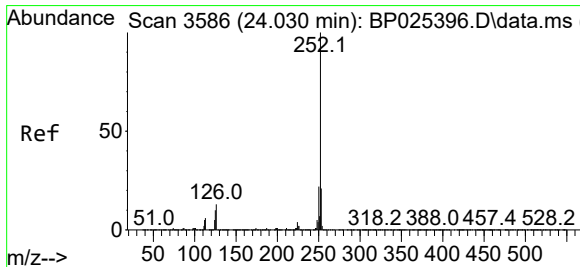
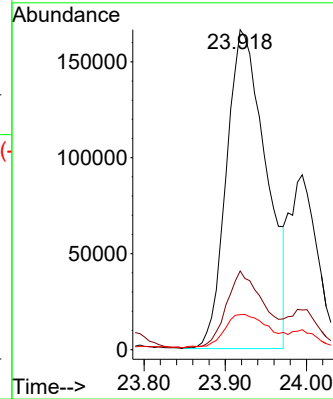
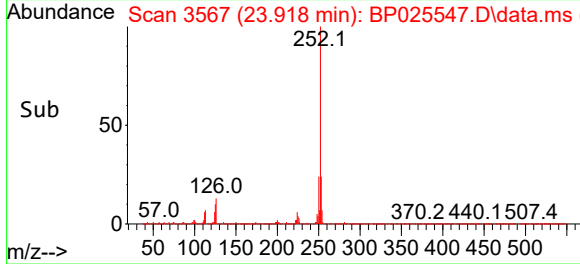
Instrument :
BNA_P
ClientSampleId :
TG-S01



Tgt Ion:252 Resp: 56539
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 11.0 7.9 11.9

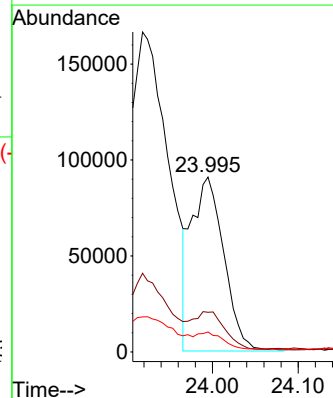
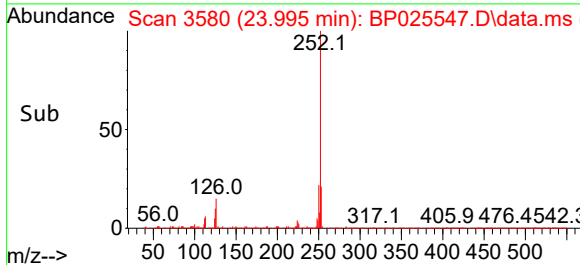
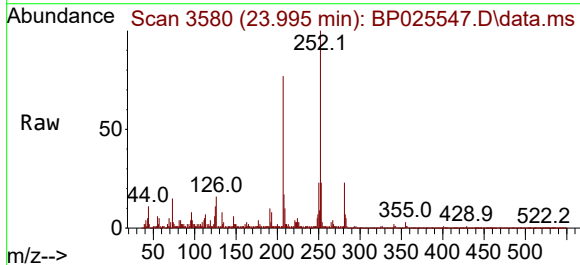
Manual Integrations
APPROVED

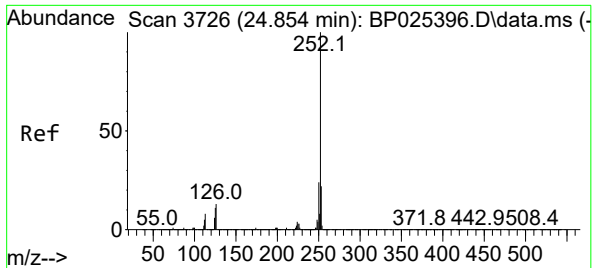
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#89
Benzo(k)fluoranthene
Concen: 3.129 ng m
RT: 23.995 min Scan# 3580
Delta R.T. -0.035 min
Lab File: BP025547.D
Acq: 22 Aug 2025 13:32

Tgt Ion:252 Resp: 239038
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 11.4 7.8 11.6





#90

Benzo(a)pyrene

Concen: 5.377 ng

RT: 24.824 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

Instrument :

BNA_P

ClientSampleId :

TG-S01

Tgt Ion:252 Resp: 399560

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

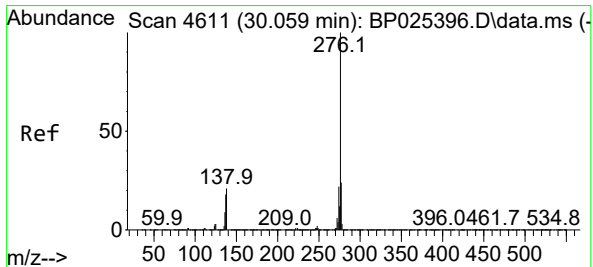
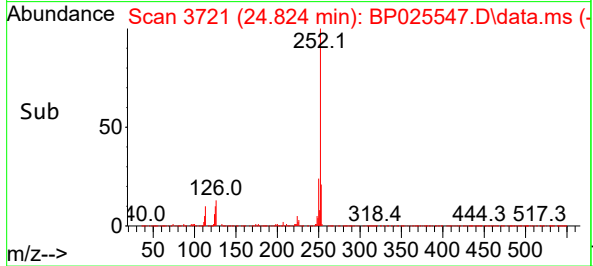
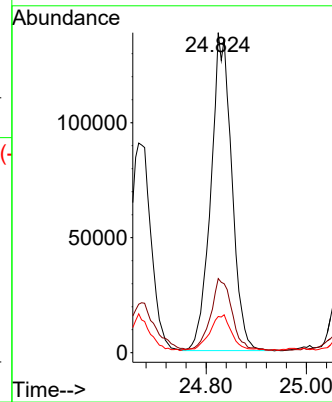
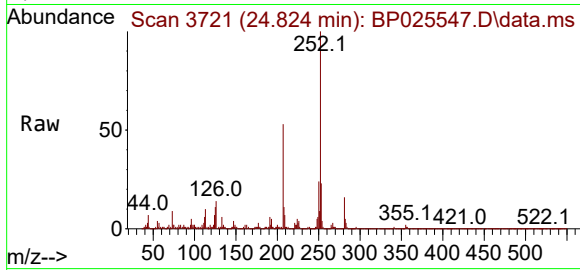
125 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#92

Benzo(g,h,i)perylene

Concen: 3.165 ng

RT: 29.971 min Scan# 4596

Delta R.T. -0.088 min

Lab File: BP025547.D

Acq: 22 Aug 2025 13:32

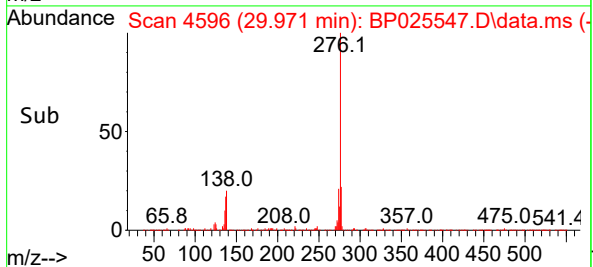
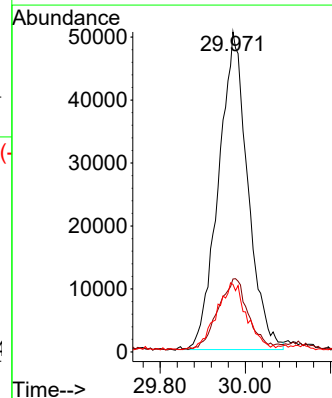
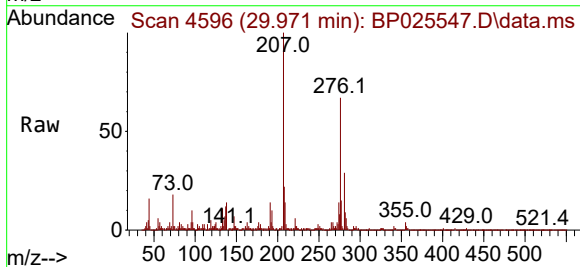
Tgt Ion:276 Resp: 241393

Ion Ratio Lower Upper

276 100

277 22.8 19.4 29.0

138 21.1 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	12	16	26	rVB	225689	285389	6.19%	0.753%
2	4.937	336	340	350	rVB	41901	57383	1.25%	0.151%
3	5.396	412	418	426	rBV	376434	576053	12.50%	1.521%
4	6.960	674	684	702	rBV	368128	670279	14.55%	1.770%
5	7.778	814	823	834	rBV	720055	1198308	26.01%	3.164%
6	8.913	1009	1016	1024	rBV	246075	426700	9.26%	1.126%
7	10.543	1286	1293	1299	rBV	978487	1760859	38.21%	4.649%
8	10.596	1299	1302	1309	rVB	141296	222700	4.83%	0.588%
9	12.195	1568	1574	1582	rBV	53499	97135	2.11%	0.256%
10	12.413	1606	1611	1617	rVB	42099	70174	1.52%	0.185%
11	12.995	1703	1710	1722	rBV	743857	1131377	24.55%	2.987%
12	13.213	1742	1747	1751	rBV	34673	52363	1.14%	0.138%
13	14.107	1892	1899	1907	rVB2	33675	65419	1.42%	0.173%
14	14.384	1936	1946	1953	rBV	1609900	2421673	52.55%	6.393%
15	14.448	1953	1957	1963	rVB	110264	177044	3.84%	0.467%
16	14.789	2010	2015	2025	rVB	120293	189538	4.11%	0.500%
17	15.448	2121	2127	2137	rBV	152654	252986	5.49%	0.668%
18	15.760	2173	2180	2191	rVB2	132062	236268	5.13%	0.624%
19	15.901	2196	2204	2212	rBV	622864	945382	20.52%	2.496%
20	16.136	2239	2244	2248	rBV7	26076	48636	1.06%	0.128%
21	16.342	2275	2279	2289	rVB4	26732	58050	1.26%	0.153%
22	16.830	2357	2362	2371	rVB	72385	122187	2.65%	0.323%
23	17.001	2388	2391	2400	rVB	71269	114968	2.50%	0.304%
24	17.189	2415	2423	2427	rBV2	1865051	2944492	63.90%	7.773%
25	17.236	2427	2431	2437	rVV	1214900	1762259	38.24%	4.652%
26	17.330	2437	2447	2452	rVV	284540	487044	10.57%	1.286%
27	17.383	2452	2456	2462	rVB2	31755	53977	1.17%	0.142%
28	17.601	2486	2493	2498	rBV	195880	316935	6.88%	0.837%
29	18.095	2572	2577	2579	rBV	116886	149441	3.24%	0.395%
30	18.130	2579	2583	2592	rVB2	498622	873142	18.95%	2.305%
31	18.230	2597	2600	2605	rVB2	55205	81603	1.77%	0.215%
32	18.307	2606	2613	2616	rBV2	191276	350616	7.61%	0.926%
33	18.619	2662	2666	2669	rBV	82033	106991	2.32%	0.282%
34	18.654	2669	2672	2680	rVB2	71548	107946	2.34%	0.285%
35	19.048	2735	2739	2745	rBV2	63856	110194	2.39%	0.291%
36	19.107	2745	2749	2753	rBV4	33899	66765	1.45%	0.176%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025547.D
 Acq On : 22 Aug 2025 13:32
 Operator : CG/JU
 Sample : Q2832-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.189	2759	2763	2771	rVB	76351	130232	2.83%	0.344%
38	19.319	2779	2785	2793	rBV	1749951	2376299	51.57%	6.273%
39	19.454	2805	2808	2815	rVV2	184875	274934	5.97%	0.726%
40	19.666	2839	2844	2845	rBV2	297866	383270	8.32%	1.012%
41	19.695	2845	2849	2859	rVV	1388348	1988422	43.15%	5.249%
42	19.777	2859	2863	2870	rVB3	72225	122447	2.66%	0.323%
43	19.901	2877	2884	2889	rBV	1449094	1905568	41.35%	5.031%
44	20.030	2903	2906	2907	rBV2	58928	65944	1.43%	0.174%
45	20.213	2934	2937	2941	rVB	178555	232063	5.04%	0.613%
46	20.319	2951	2955	2958	rBV	151840	174276	3.78%	0.460%
47	21.001	3068	3071	3077	rVB	136957	177171	3.84%	0.468%
48	21.636	3171	3179	3184	rBV2	2252281	4607892	100.00%	12.165%
49	21.683	3184	3187	3199	rVB	621174	1011767	21.96%	2.671%
50	23.918	3561	3567	3576	rBV	384565	1188690	25.80%	3.138%
51	24.665	3689	3694	3706	rVB2	234762	617783	13.41%	1.631%
52	24.824	3719	3721	3735	rVB	338048	729578	15.83%	1.926%
53	25.007	3742	3752	3759	rBV	1212820	3300058	71.62%	8.712%

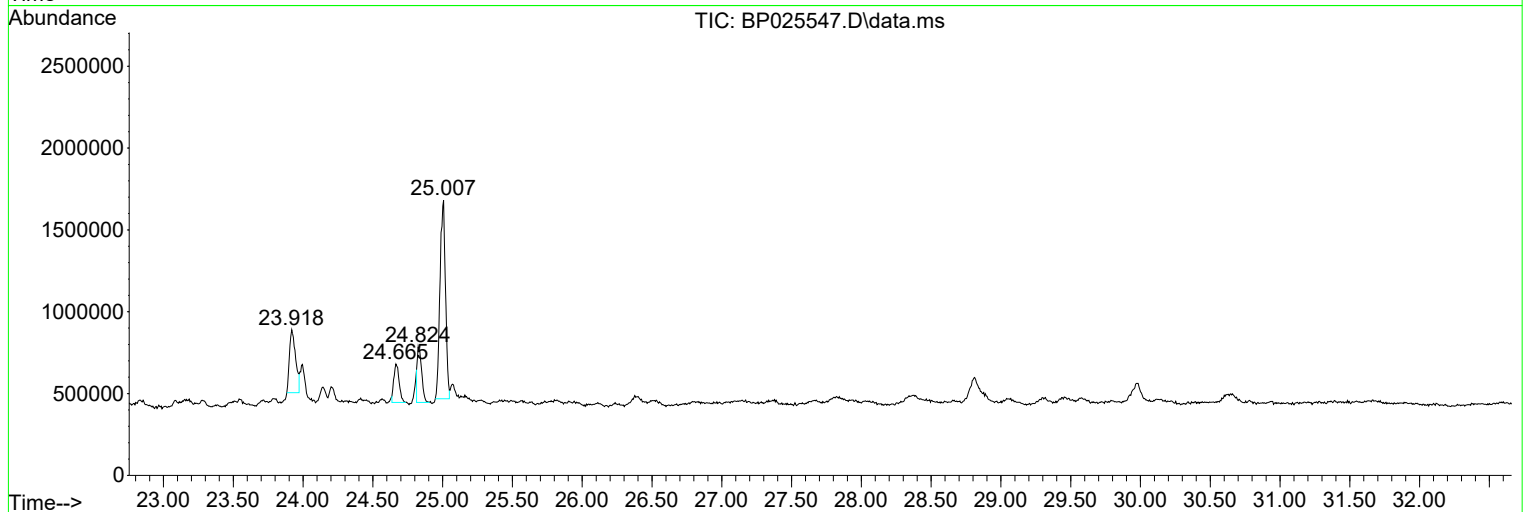
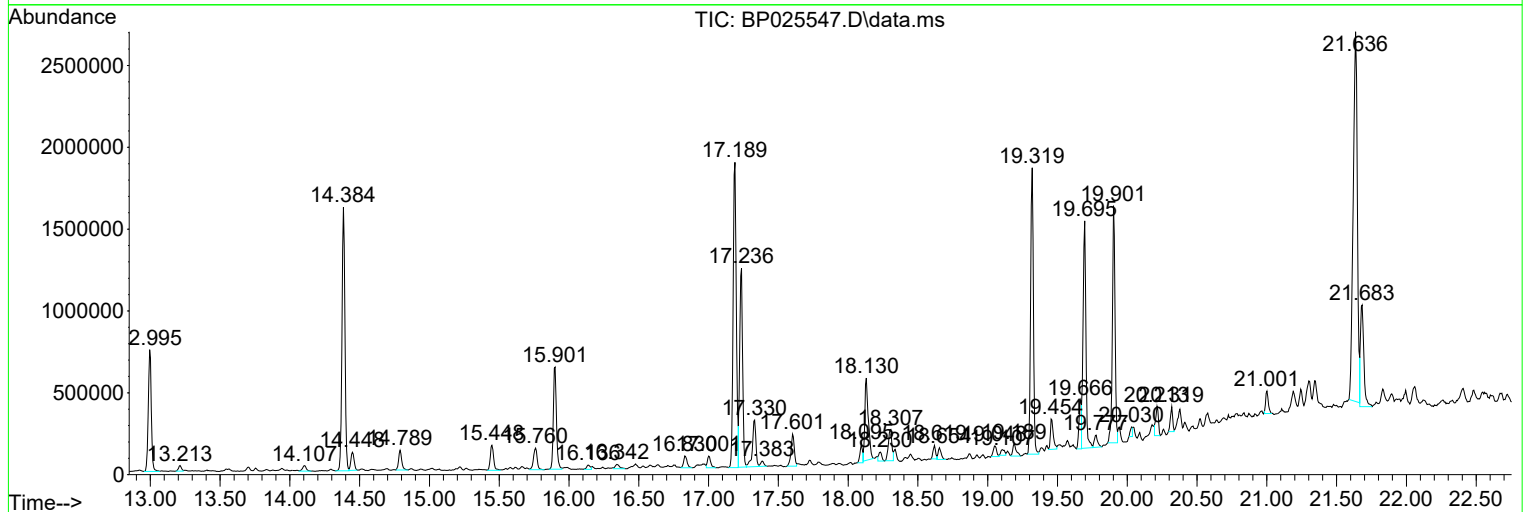
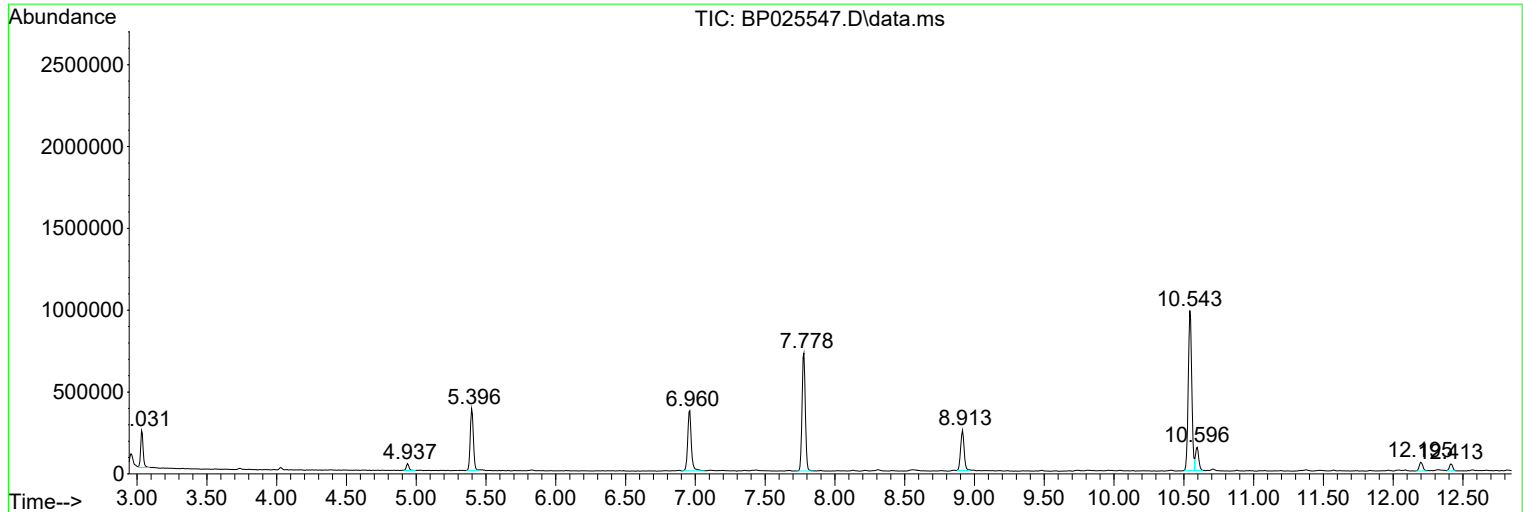
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

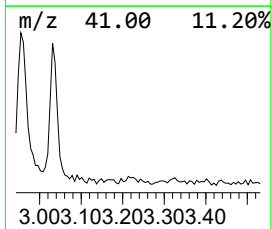
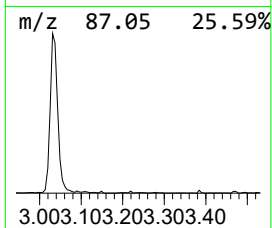
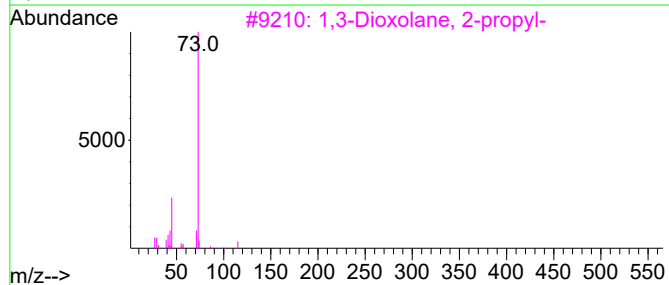
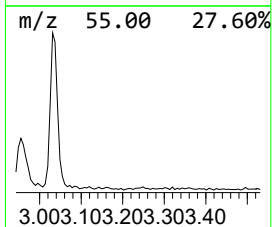
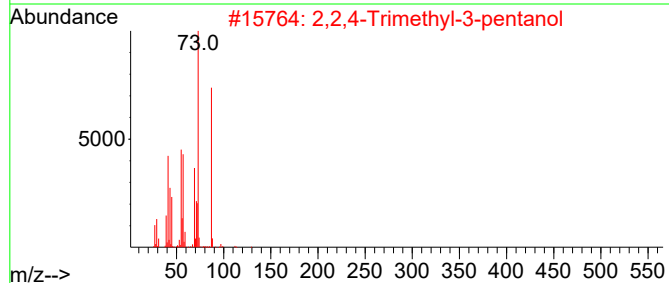
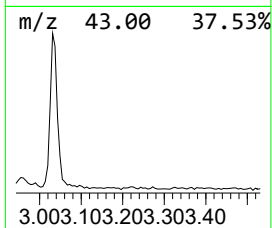
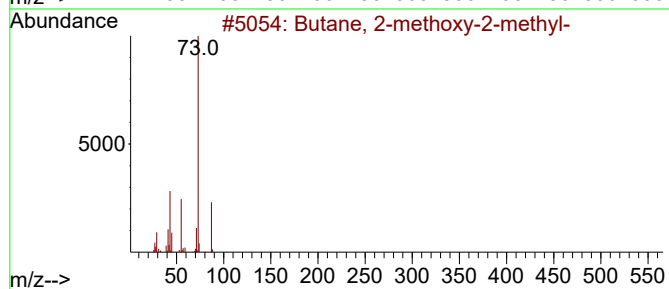
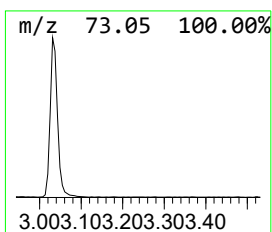
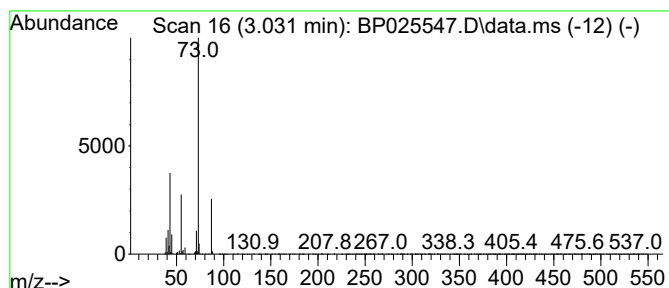
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.76 ng	285389	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

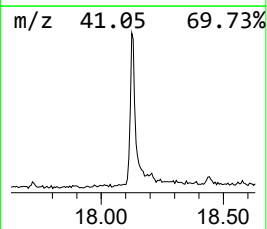
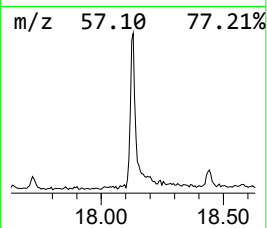
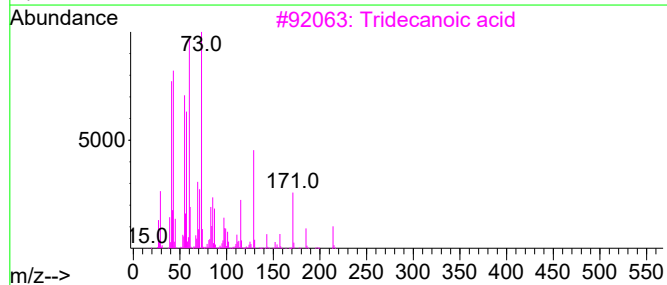
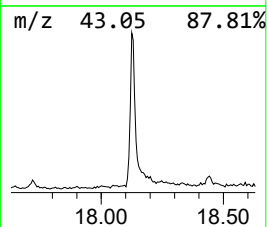
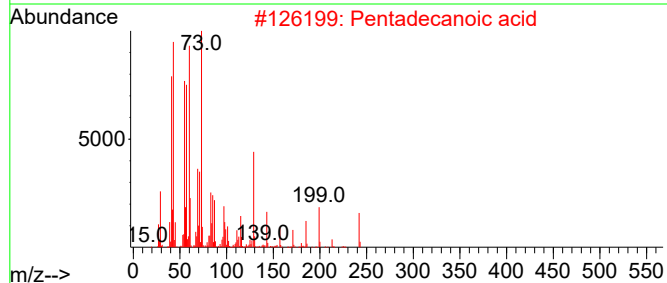
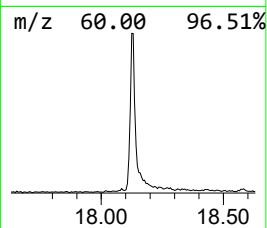
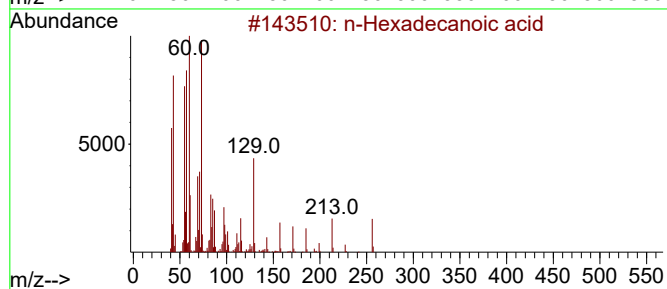
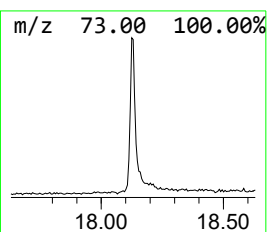
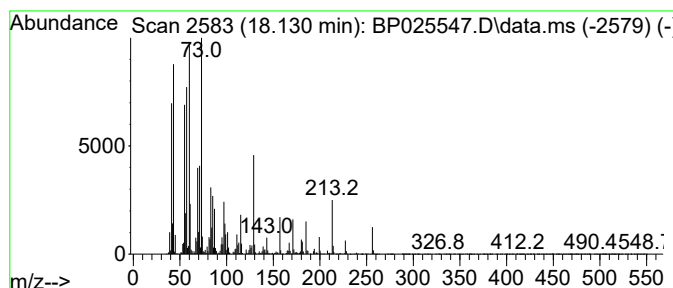
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	5.93 ng	873142	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

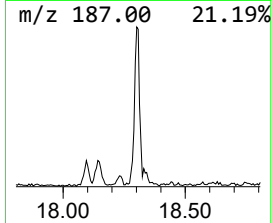
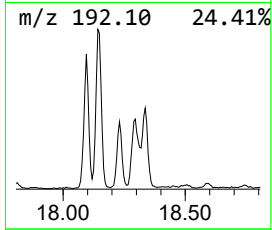
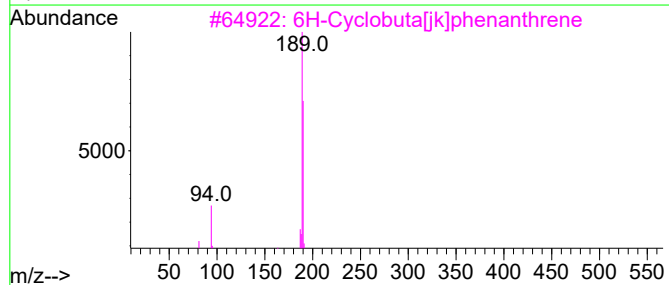
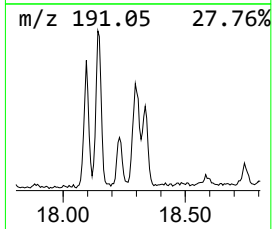
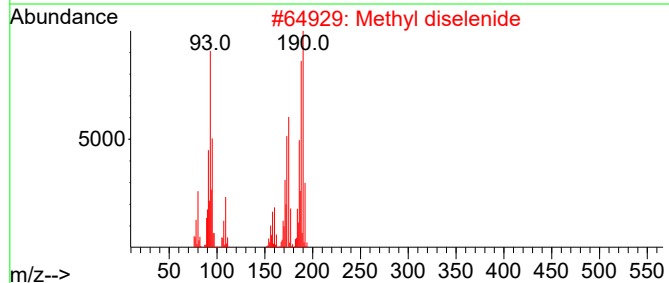
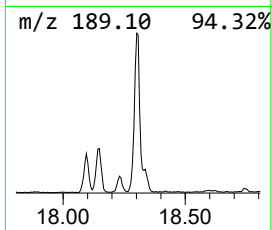
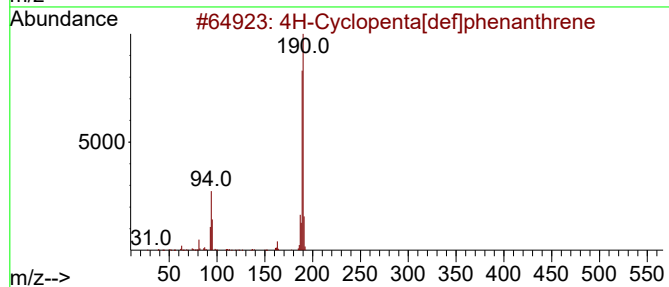
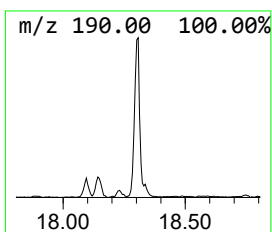
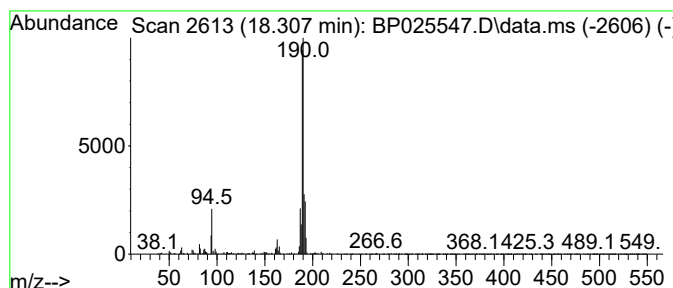
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	2.38 ng	350616	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			Methyl diselenide	190	C2H6Se2	007101-31-7	55
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

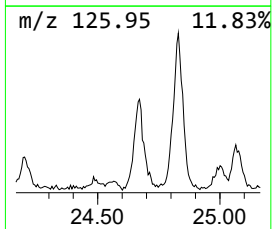
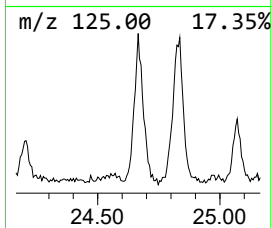
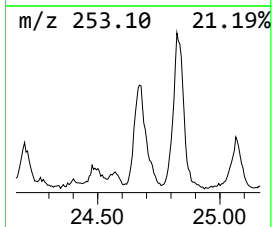
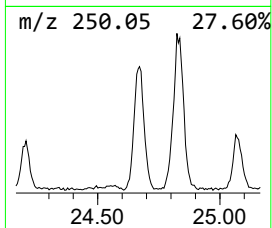
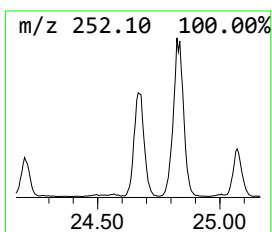
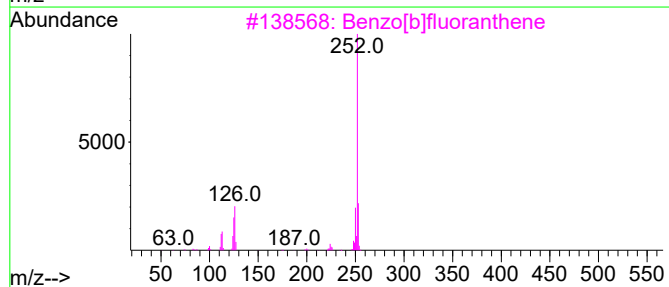
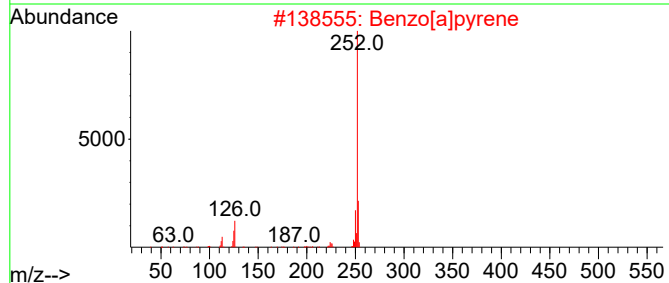
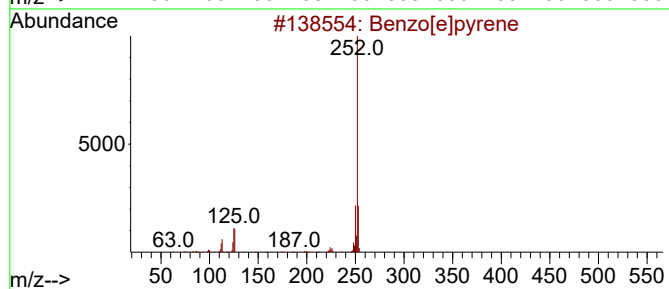
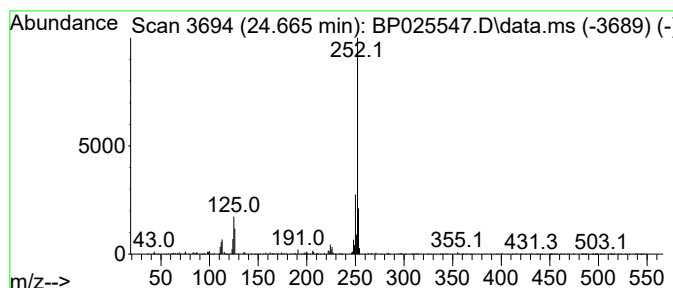
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.665	3.74 ng	617783	Perylene-d12	25.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025547.D
Acq On : 22 Aug 2025 13:32
Operator : CG/JU
Sample : Q2832-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.031	4.8	ng	285389	1	7.778	1198310	20.0
n-Hexadecanoic ...	18.130	5.9	ng	873142	4	17.189	2944490	20.0
4H-Cyclopenta[d...]	18.307	2.4	ng	350616	4	17.189	2944490	20.0
Benzo[e]pyrene	24.665	3.7	ng	617783	6	25.006	3300060	20.0

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025548.D	5	08/13/25 09:05	08/22/25 14:13	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830	U	830	1800	ug/Kg
108-95-2	Phenol	120	U	120	900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	900	ug/Kg
95-48-7	2-Methylphenol	160	U	160	900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	900	ug/Kg
98-86-2	Acetophenone	160	U	160	900	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	420	ug/Kg
67-72-1	Hexachloroethane	93.3	U	93.3	900	ug/Kg
98-95-3	Nitrobenzene	97.0	U	97.0	900	ug/Kg
78-59-1	Isophorone	170	U	170	900	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	900	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	900	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	900	ug/Kg
91-20-3	Naphthalene	120	U	120	900	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	900	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	900	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	900	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	900	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	900	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	900	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	900	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	900	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025548.D	5	08/13/25 09:05	08/22/25 14:13	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	150	900	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	900	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	900	ug/Kg
83-32-9	Acenaphthene	110	U	110	900	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	900	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	900	ug/Kg
84-66-2	Diethylphthalate	150	U	150	900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	900	ug/Kg
86-73-7	Fluorene	130	U	130	900	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	900	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	900	ug/Kg
1912-24-9	Atrazine	180	U	180	900	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	1800	ug/Kg
85-01-8	Phenanthrene	1400		110	900	ug/Kg
120-12-7	Anthracene	390	J	180	900	ug/Kg
86-74-8	Carbazole	170	U	170	900	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	900	ug/Kg
206-44-0	Fluoranthene	2100		160	900	ug/Kg
129-00-0	Pyrene	2000		190	900	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	UQ	190	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1100		120	900	ug/Kg
218-01-9	Chrysene	1100		110	900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	900	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		100	900	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025548.D	5	08/13/25 09:05	08/22/25 14:13	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	500	J	120	900	ug/Kg
50-32-8	Benzo(a)pyrene	930		160	900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	J	150	900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	610	J	140	900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	900	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	900	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	67.0		30 (18) - 130 (112)	45%	SPK: 150
13127-88-3	Phenol-d6	67.8		30 (15) - 130 (107)	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.6		30 (18) - 130 (107)	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.2		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.3		30 (10) - 130 (116)	43%	SPK: 150
1718-51-0	Terphenyl-d14	47.0		30 (10) - 130 (105)	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	183000	7.778
1146-65-2	Naphthalene-d8	733000	10.549
15067-26-2	Acenaphthene-d10	473000	14.401
1517-22-2	Phenanthrene-d10	961000	17.19
1719-03-5	Chrysene-d12	1020000	21.619
1520-96-3	Perylene-d12	1180000	24.971

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	880	J	3.03	ug/Kg
000057-10-3	n-Hexadecanoic acid	710	J	18.1	ug/Kg
	unknown18.295	500	J	18.3	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	94
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025548.D	5	08/13/25 09:05	08/22/25 14:13	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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_P\Data\BP082225\
 Data File : BP025548.D
 Acq On : 22 Aug 2025 14:13
 Operator : CG/JU
 Sample : Q2832-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S02

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 22 14:40:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	182769	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	732501	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	473220	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	960991	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	1021547	20.000	ng	-0.03
86) Perylene-d12	24.971	264	1175388	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	147398	13.393	ng	-0.01
7) Phenol-d6	6.961	99	191461	13.569	ng	0.00
23) Nitrobenzene-d5	8.919	82	120560	8.326	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	81967	12.869	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	298861	8.631	ng	-0.01
79) Terphenyl-d14	19.907	244	525306	9.408	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.231	178	406127	7.693	ng	99
72) Anthracene	17.331	178	118085	2.190	ng	97
75) Fluoranthene	19.307	202	753171	11.961	ng	99
78) Pyrene	19.684	202	754315	11.361	ng	99
81) Benzo(a)anthracene	21.601	228	417814	6.202	ng	99
83) Chrysene	21.666	228	401927	6.370	ng	98
87) Indeno(1,2,3-cd)pyrene	28.783	276	247746	2.874	ng	# 92
88) Benzo(b)fluoranthene	23.930	252	495112	7.144	ng	# 97
89) Benzo(k)fluoranthene	23.983	252	195291m	2.816	ng	
90) Benzo(a)pyrene	24.824	252	355781	5.273	ng	96
92) Benzo(g,h,i)perylene	29.959	276	239889	3.464	ng	97

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

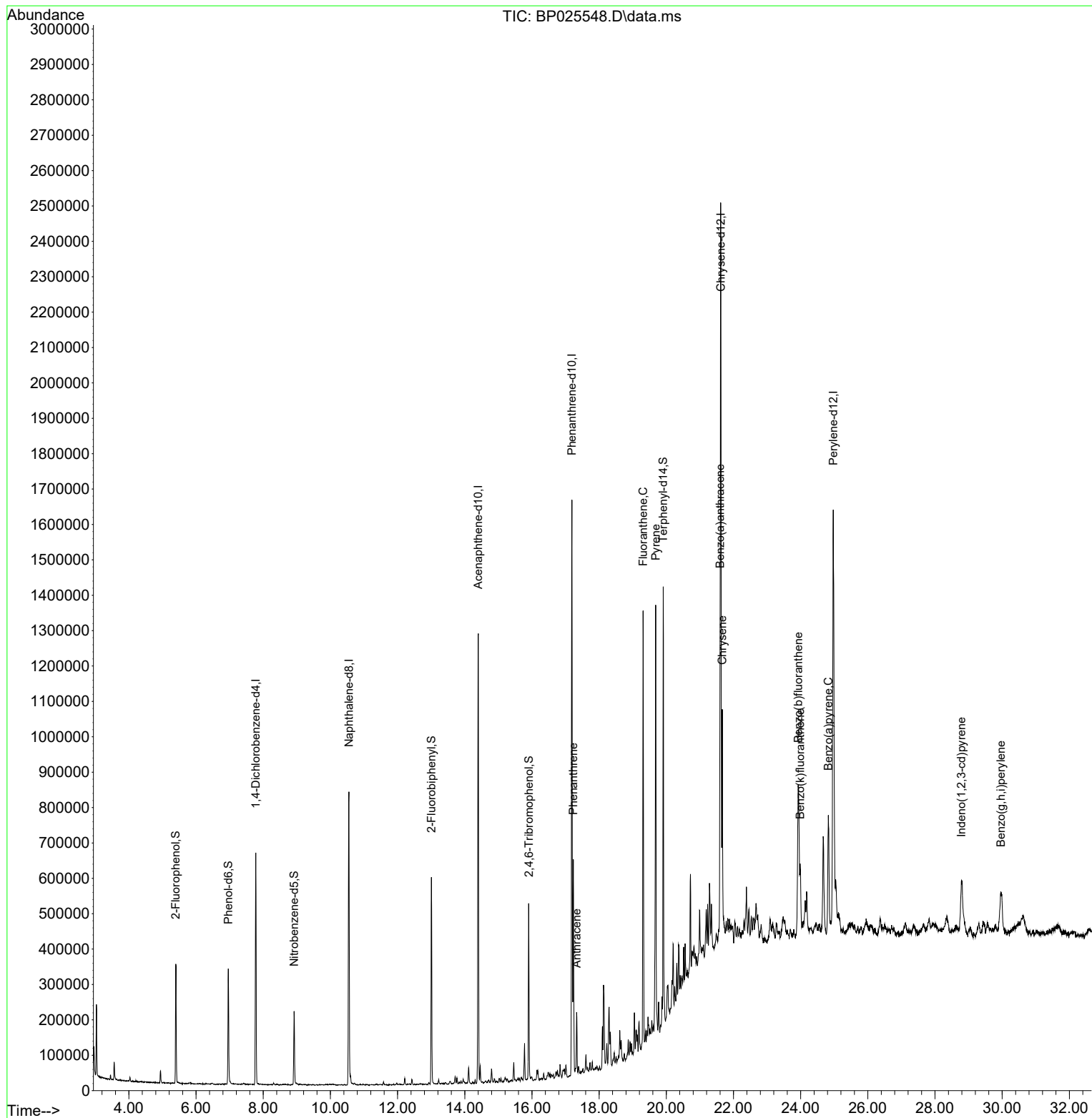
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Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

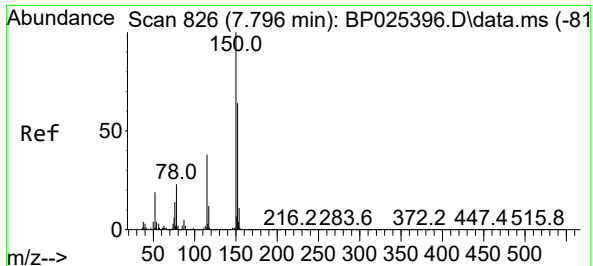
Instrument :
BNA_P
ClientSampleId :
TG-S02

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

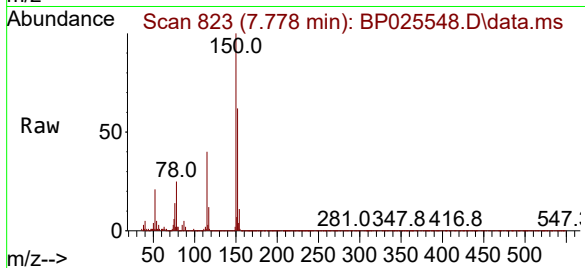
Quant Time: Aug 22 14:40:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

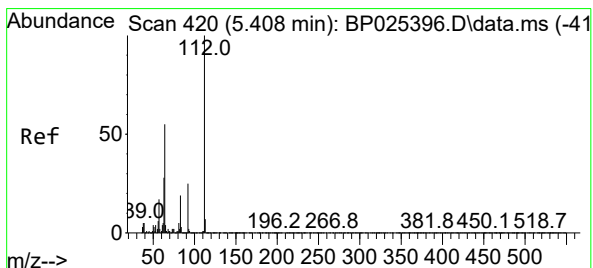
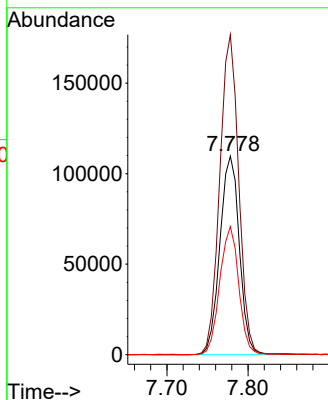
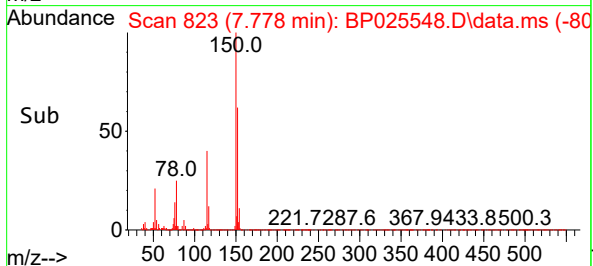
Instrument :
BNA_P
ClientSampleId :
TG-S02



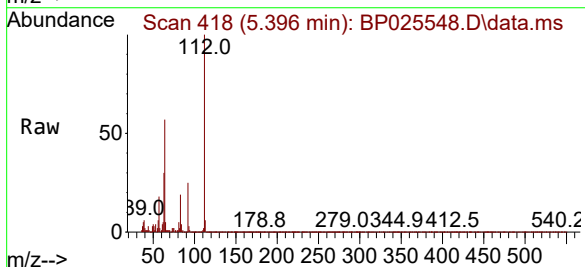
Tgt Ion:152 Resp: 182769
Ion Ratio Lower Upper
152 100
150 161.2 125.9 188.9
115 64.6 48.5 72.7

Manual Integrations
APPROVED

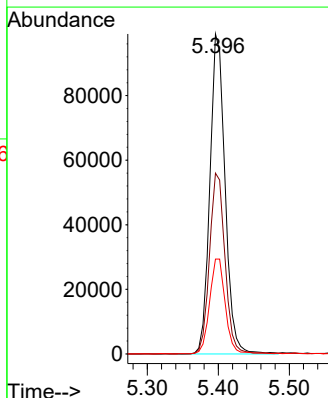
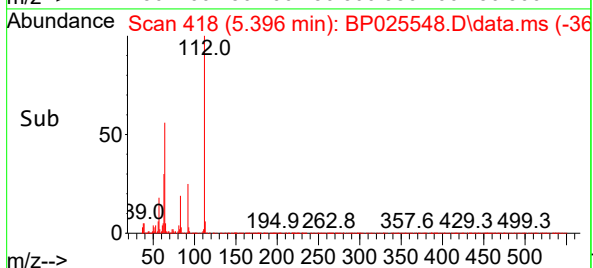
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

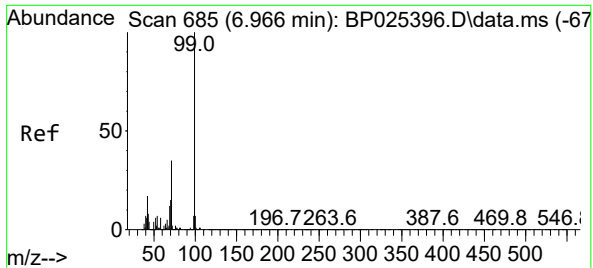


#5
2-Fluorophenol
Concen: 13.393 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13



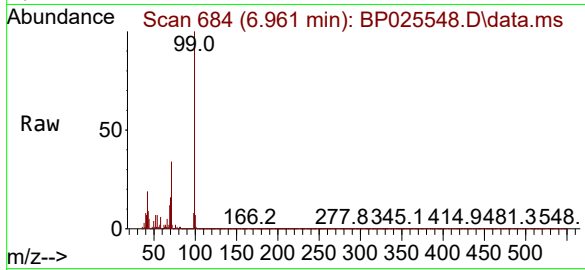
Tgt Ion:112 Resp: 147398
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 29.6 22.7 34.1





#7
Phenol-d6
Concen: 13.569 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

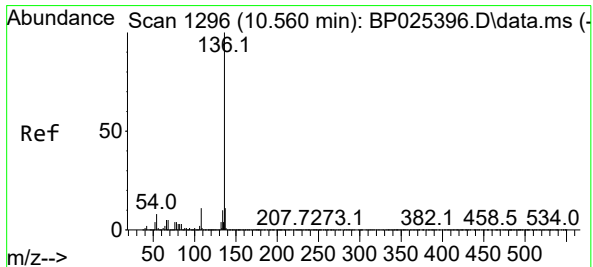
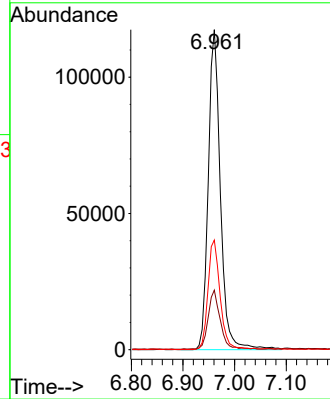
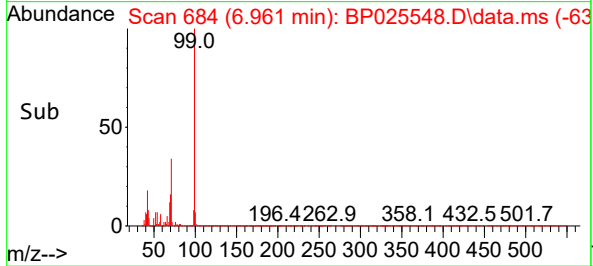
Instrument :
BNA_P
ClientSampleId :
TG-S02



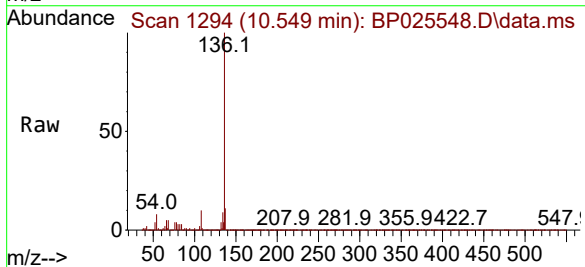
Tgt Ion: 99 Resp: 19146
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 34.3 28.2 42.4

Manual Integrations
APPROVED

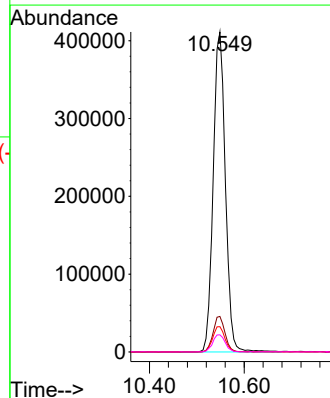
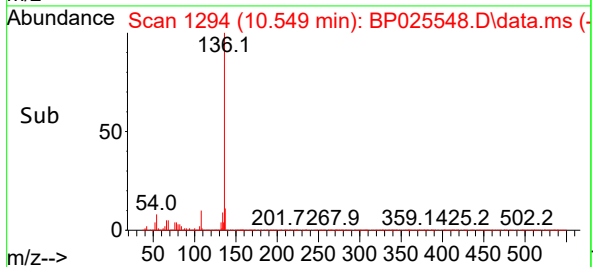
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

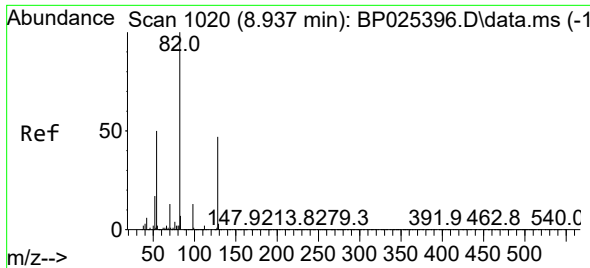


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13



Tgt Ion:136 Resp: 732501
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.9 6.0 9.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 8.326 ng

RT: 8.919 min Scan# 1020

Delta R.T. -0.017 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

Instrument :

BNA_P

ClientSampleId :

TG-S02

Tgt Ion: 82 Resp: 120560

Ion Ratio Lower Upper

82 100

128 43.0 37.7 56.5

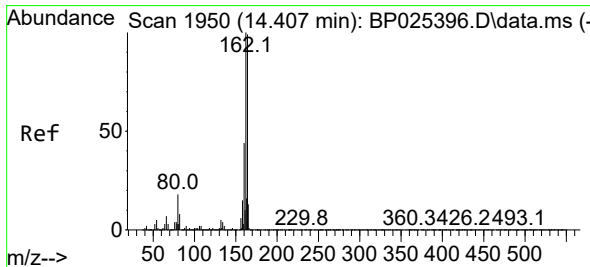
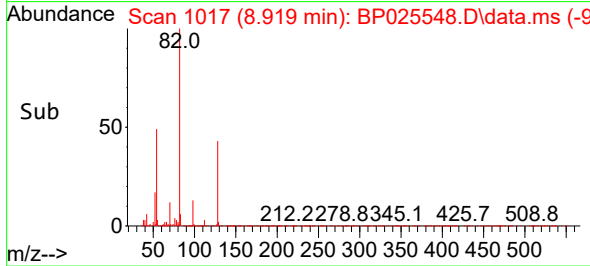
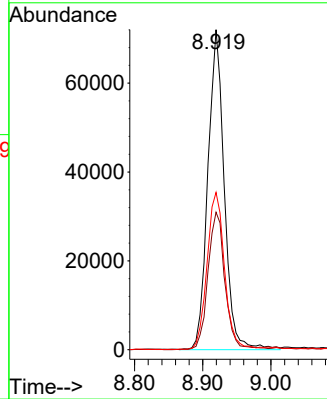
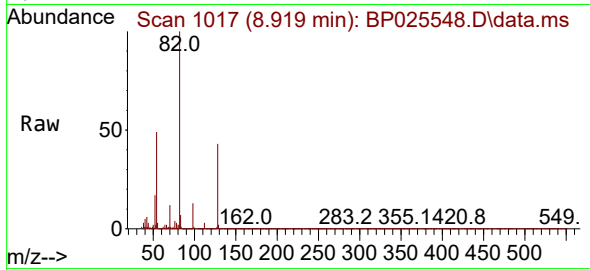
54 49.1 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

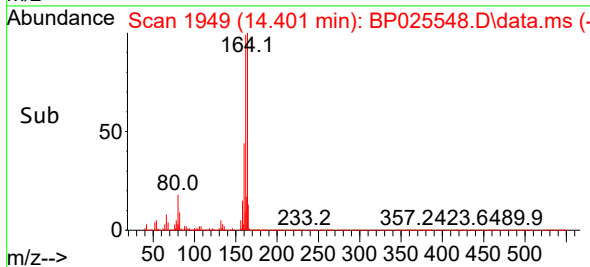
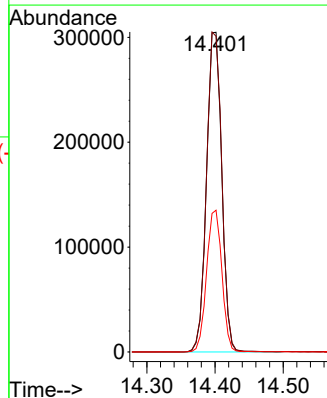
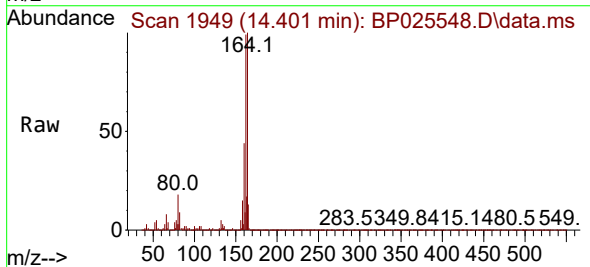
Tgt Ion:164 Resp: 473220

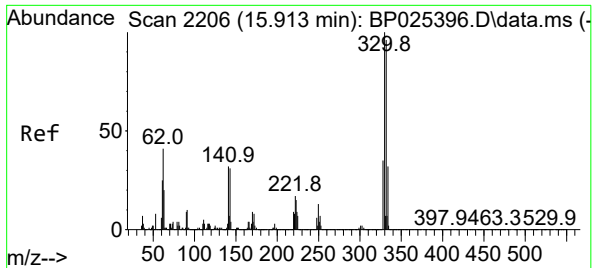
Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.6

160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 12.869 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

Instrument :

BNA_P

ClientSampleId :

TG-S02

Tgt Ion:330 Resp: 8196

Ion Ratio Lower Upper

330 100

332 99.7 77.3 115.9

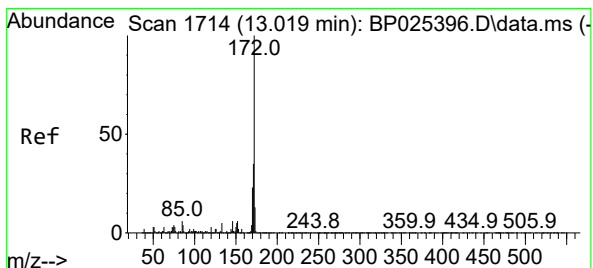
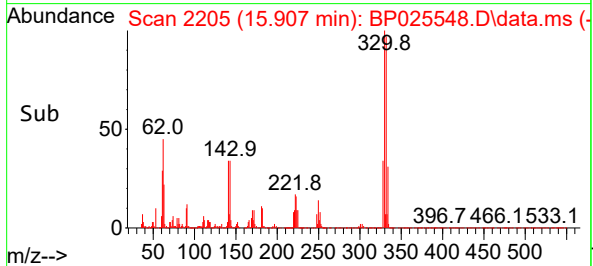
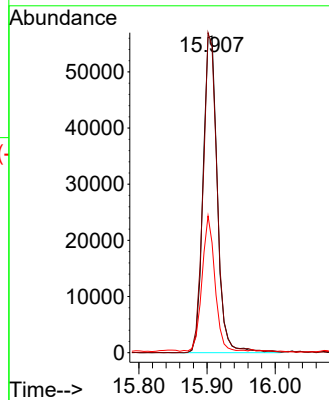
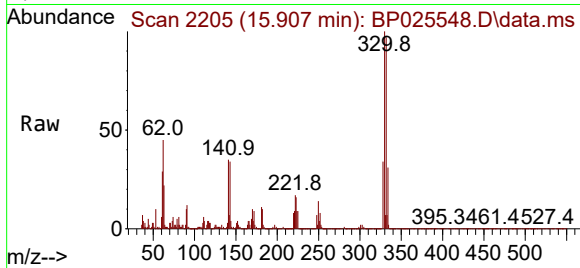
141 38.5 26.6 39.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#45

2-Fluorobiphenyl

Concen: 8.631 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

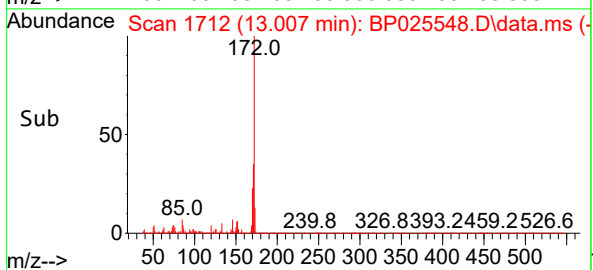
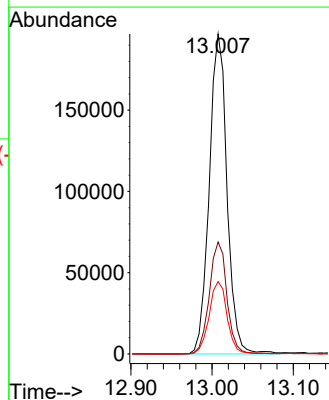
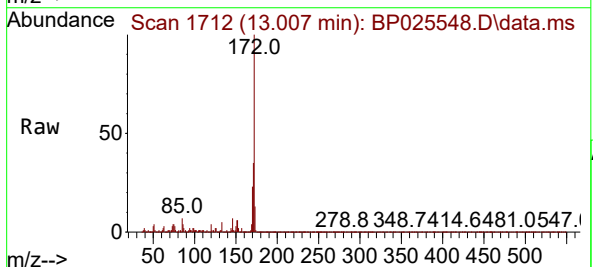
Tgt Ion:172 Resp: 298861

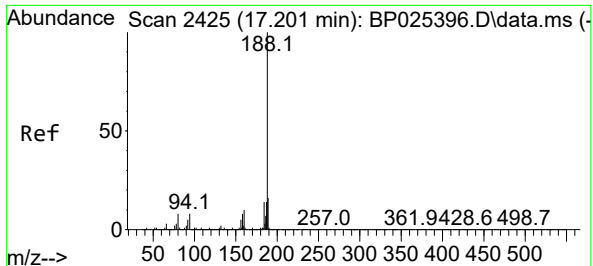
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.6 18.6 28.0





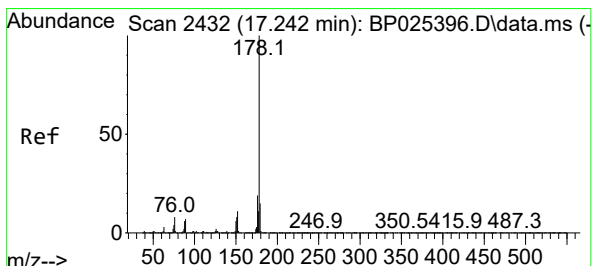
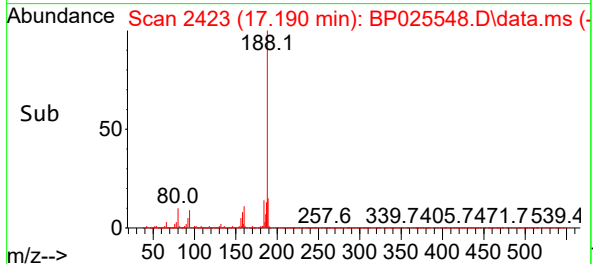
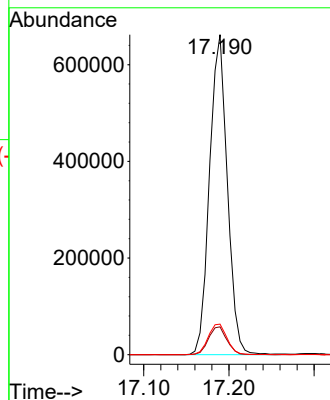
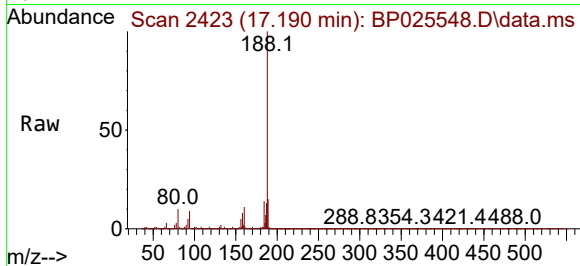
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:188 Resp: 96099
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 6.7 10.1

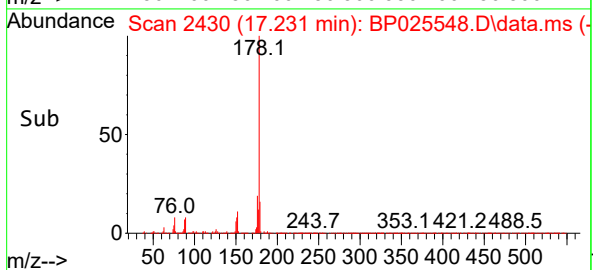
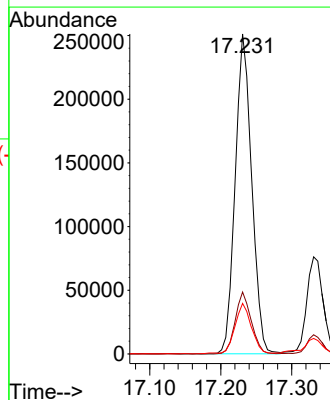
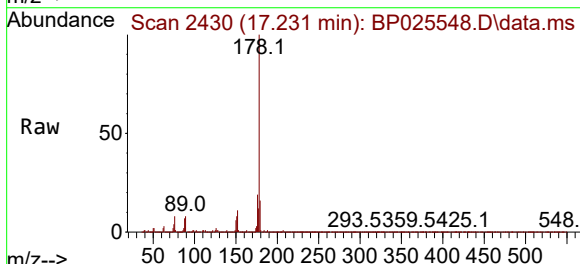
Manual Integrations
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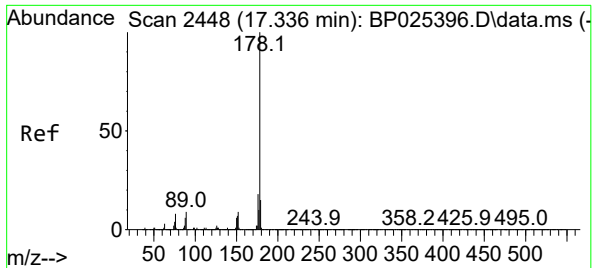
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#71
Phenanthrene
Concen: 7.693 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

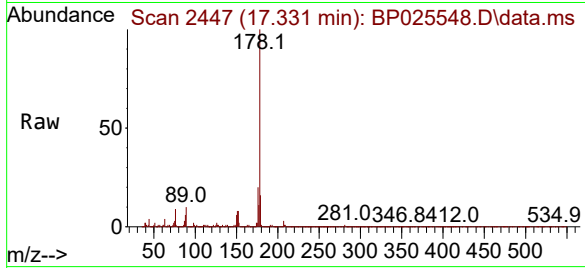
Tgt Ion:178 Resp: 406127
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.2 18.4





#72
 Anthracene
 Concen: 2.190 ng
 RT: 17.331 min Scan# 2448
 Delta R.T. -0.006 min
 Lab File: BP025548.D
 Acq: 22 Aug 2025 14:13

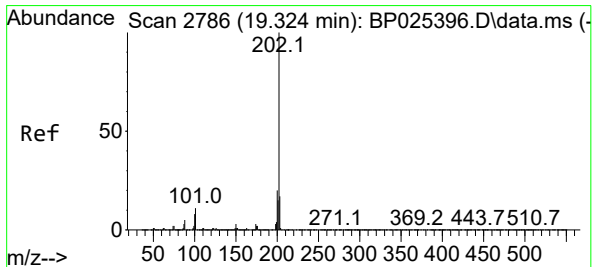
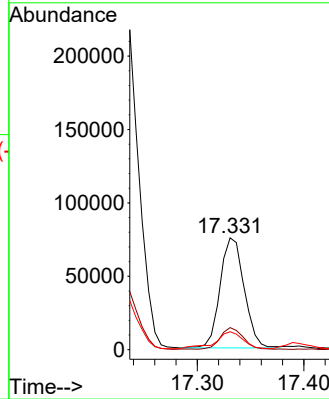
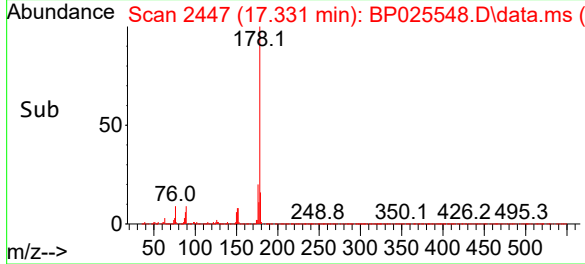
Instrument :
 BNA_P
 ClientSampleId :
 TG-S02



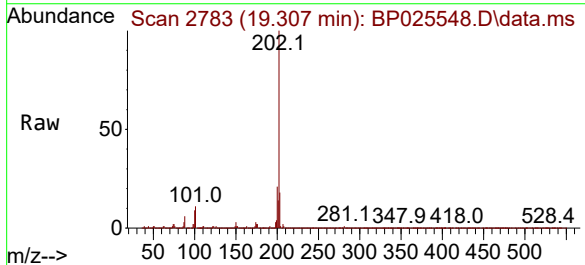
Tgt Ion:178 Resp: 118085
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.7 22.1
 179 16.1 12.2 18.2

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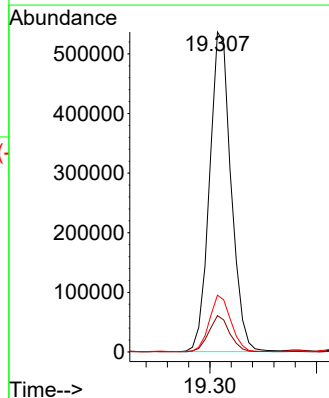
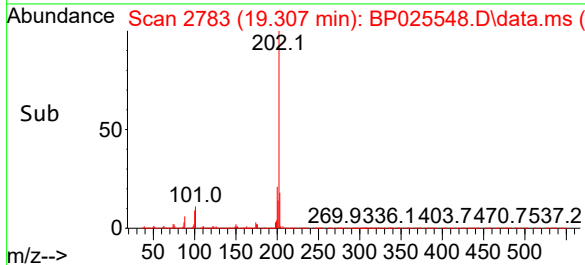
Reviewed By :Rahul Chavli 08/25/2025
 Supervised By :Jagrut Upadhyay 08/25/2025

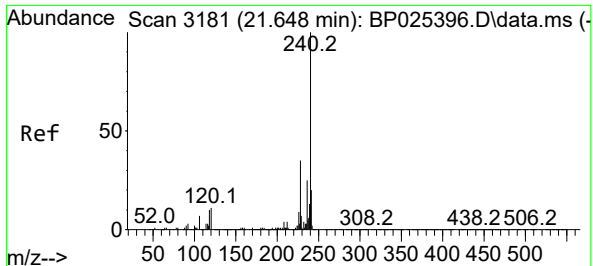


#75
 Fluoranthene
 Concen: 11.961 ng
 RT: 19.307 min Scan# 2783
 Delta R.T. -0.017 min
 Lab File: BP025548.D
 Acq: 22 Aug 2025 14:13



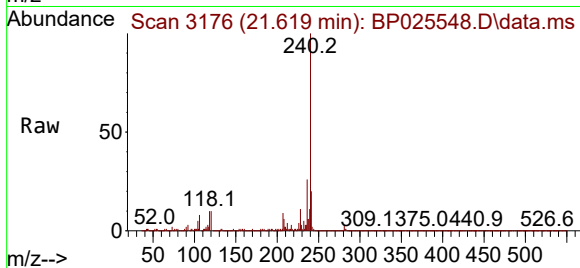
Tgt Ion:202 Resp: 753171
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.1
 203 17.8 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3181
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

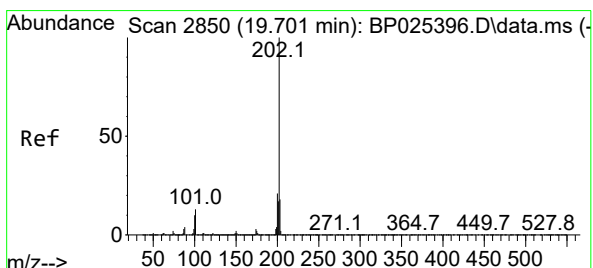
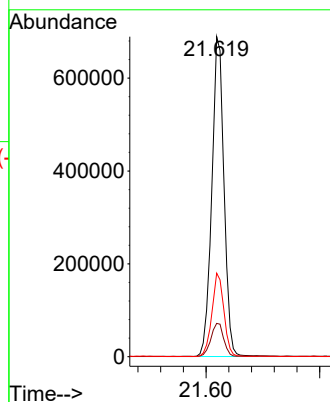
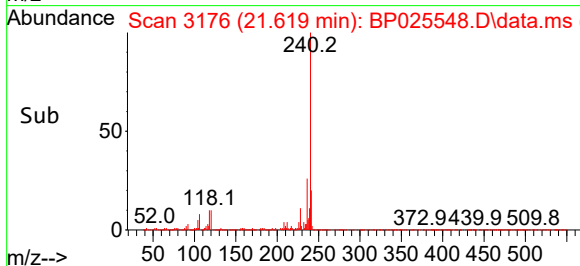
Instrument :
BNA_P
ClientSampleId :
TG-S02



Tgt Ion:240 Resp: 102154
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.1 19.8 29.8

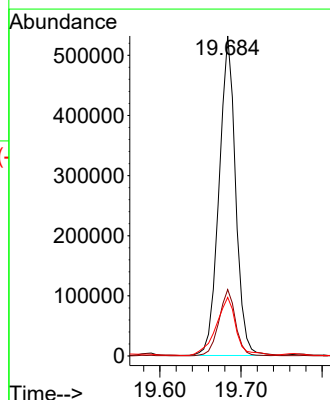
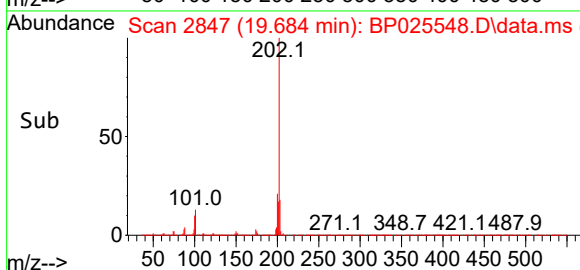
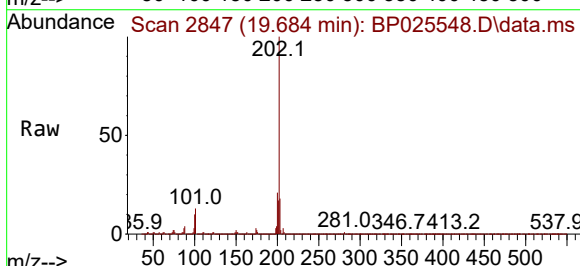
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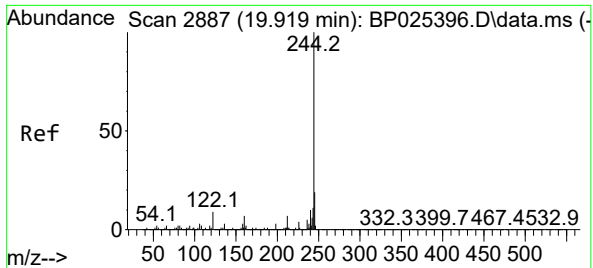
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#78
Pyrene
Concen: 11.361 ng
RT: 19.684 min Scan# 2847
Delta R.T. -0.017 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

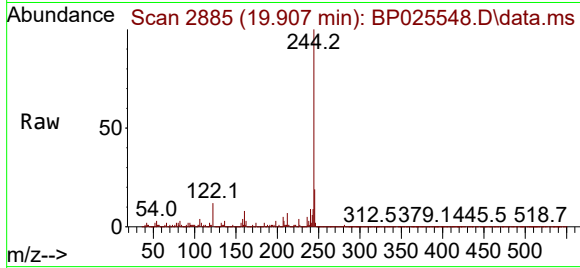
Tgt Ion:202 Resp: 754315
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 18.3 14.2 21.2





#79
Terphenyl-d14
Concen: 9.408 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

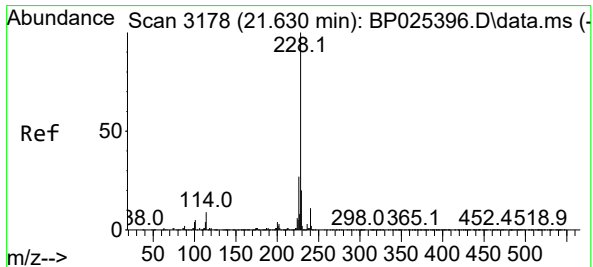
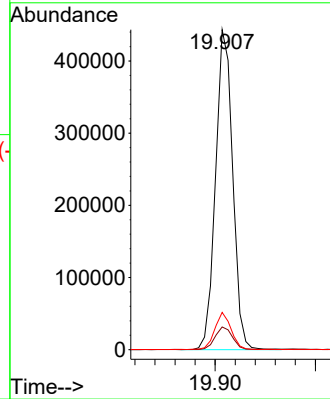
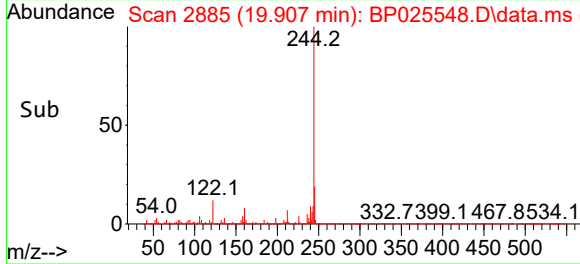
Instrument :
BNA_P
ClientSampleId :
TG-S02



Tgt Ion:244 Resp: 525300
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.6 7.4 11.2

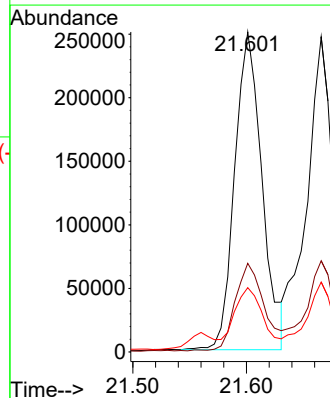
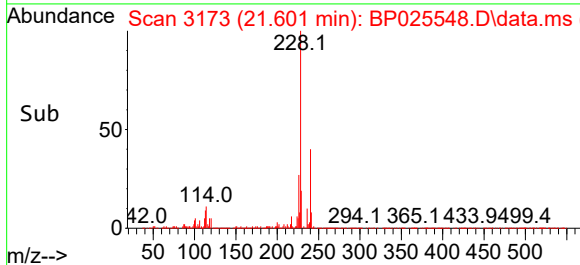
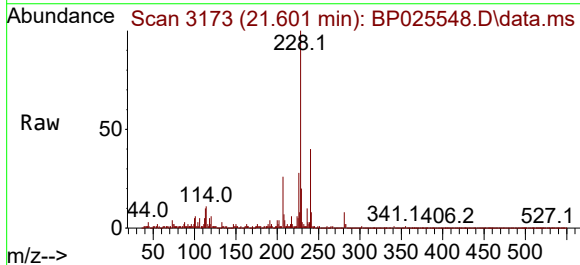
Manual Integrations
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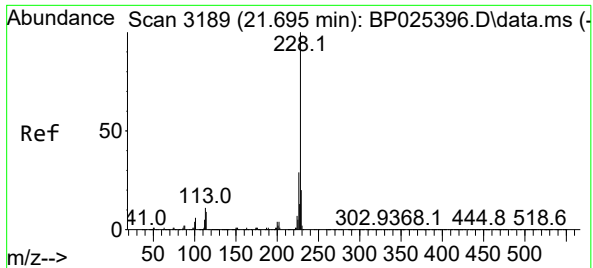
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025



#81
Benzo(a)anthracene
Concen: 6.202 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:228 Resp: 417814
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.1 15.6 23.4





#83

Chrysene

Concen: 6.370 ng

RT: 21.666 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

Instrument :

BNA_P

ClientSampleId :

TG-S02

Tgt Ion:228 Resp: 40192

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

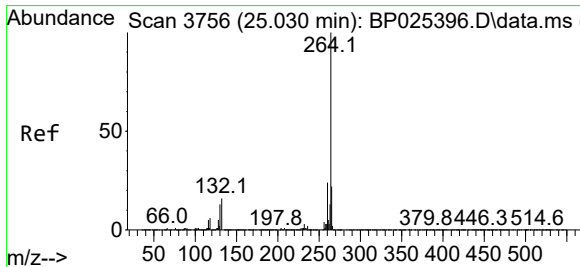
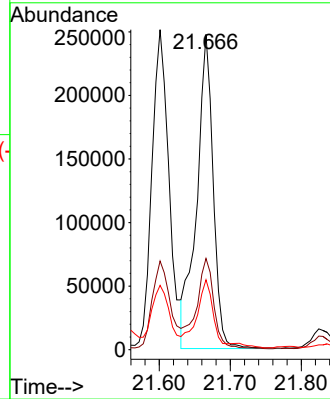
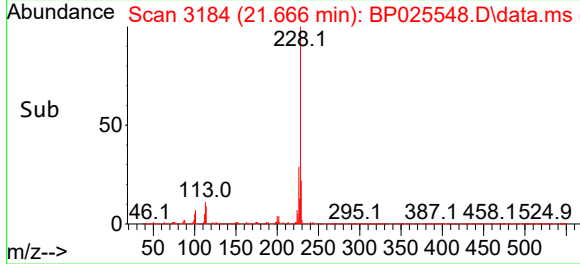
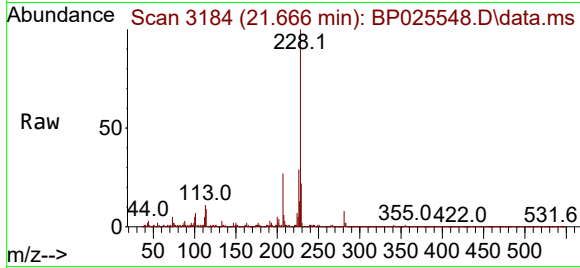
229 22.2 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.059 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

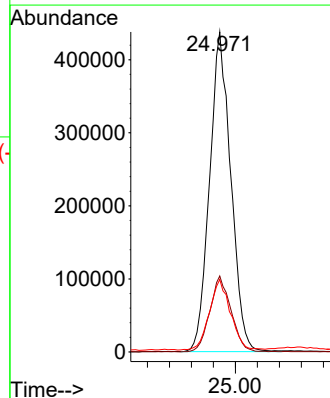
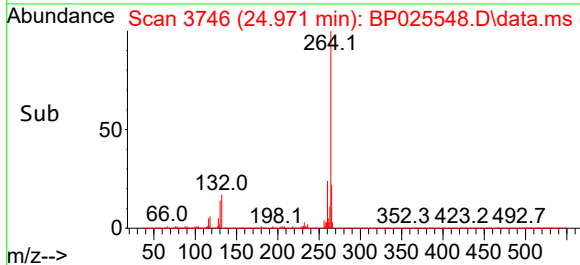
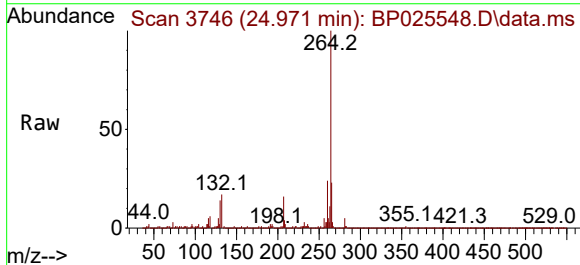
Tgt Ion:264 Resp: 1175388

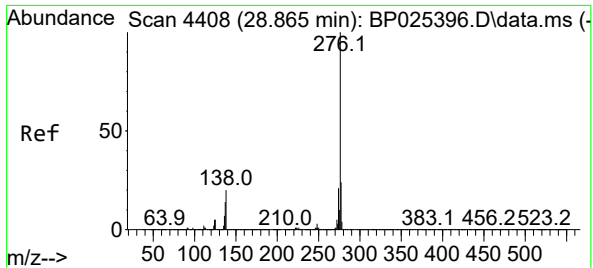
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

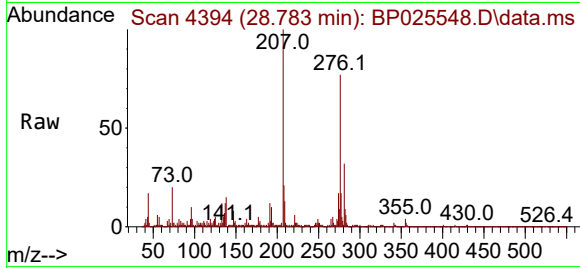
265 22.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.874 ng
RT: 28.783 min Scan# 41
Delta R.T. -0.082 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

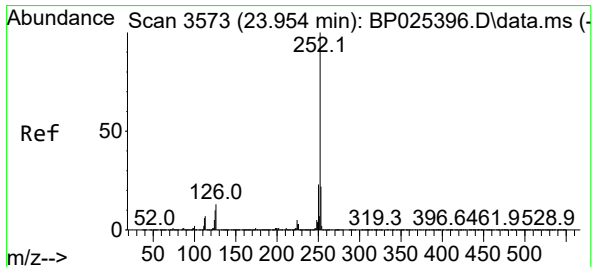
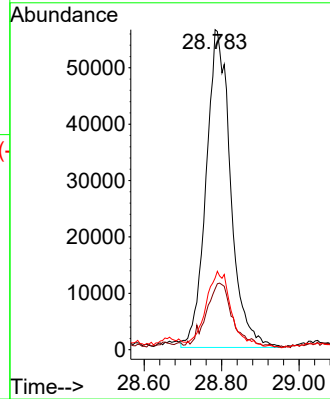
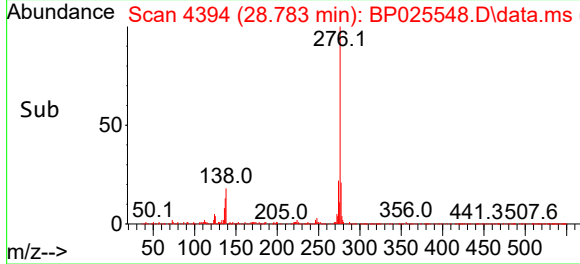
Instrument :
BNA_P
ClientSampleId :
TG-S02



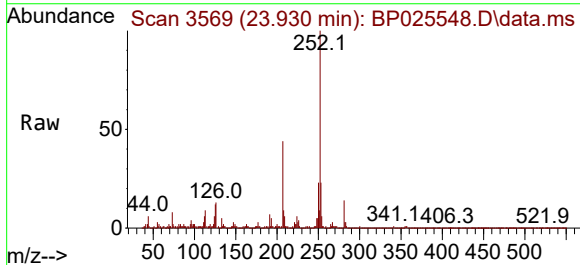
Tgt Ion: 276 Resp: 247740
Ion Ratio Lower Upper
276 100
138 20.7 12.9 19.3
277 23.8 17.0 25.6

Manual Integrations
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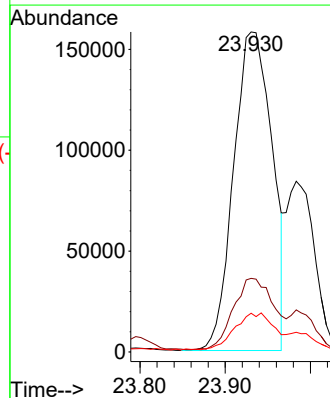
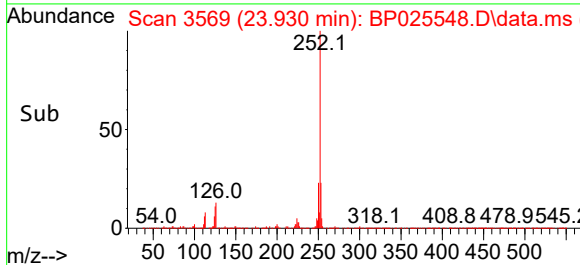
Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

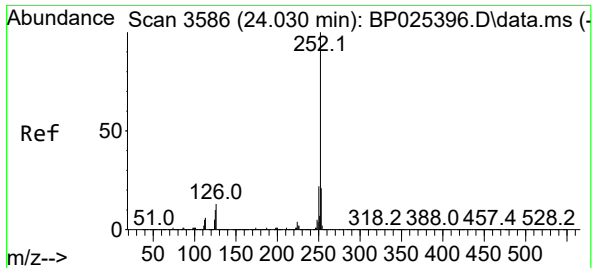


#88
Benzo(b)fluoranthene
Concen: 7.144 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.023 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13



Tgt Ion: 252 Resp: 495112
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 12.1 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 2.816 ng m

RT: 23.983 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

Instrument :

BNA_P

ClientSampleId :

TG-S02

Tgt Ion:252 Resp: 19529

Ion Ratio Lower Upper

252 100

253 24.6 17.1 25.7

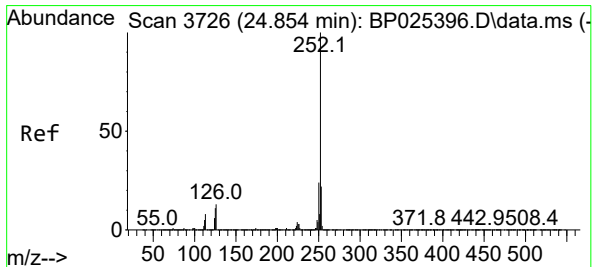
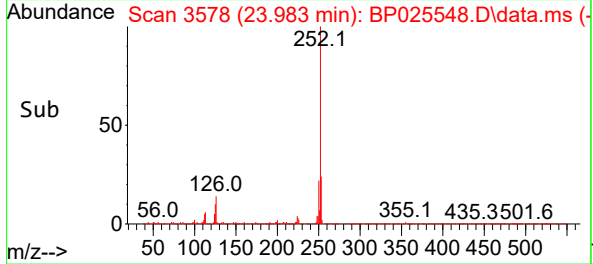
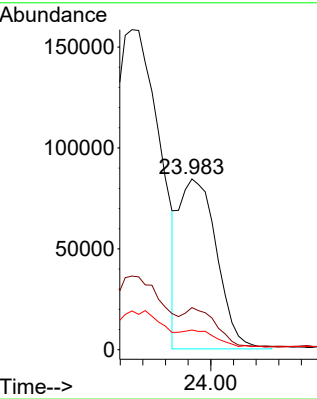
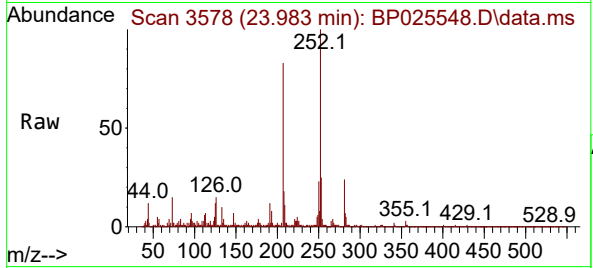
125 11.6 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



#90

Benzo(a)pyrene

Concen: 5.273 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.029 min

Lab File: BP025548.D

Acq: 22 Aug 2025 14:13

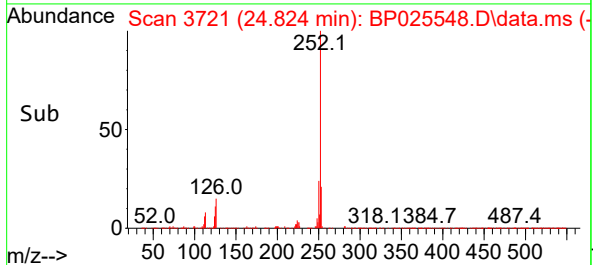
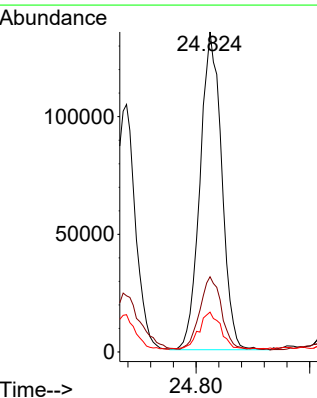
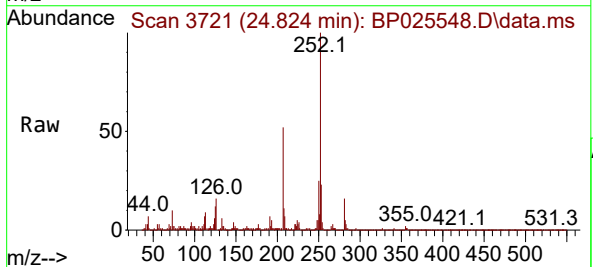
Tgt Ion:252 Resp: 355781

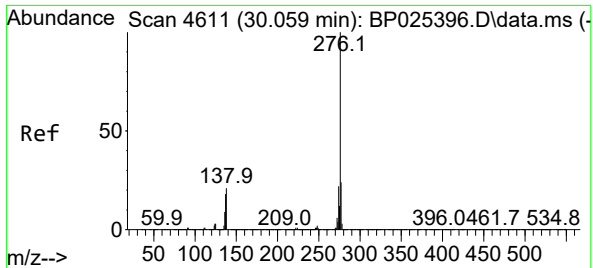
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 12.4 8.7 13.1





#92

Benzo(g,h,i)perylene

Concen: 3.464 ng

RT: 29.959 min Scan# 4

Delta R.T. -0.100 min

Lab File: BP025548.D

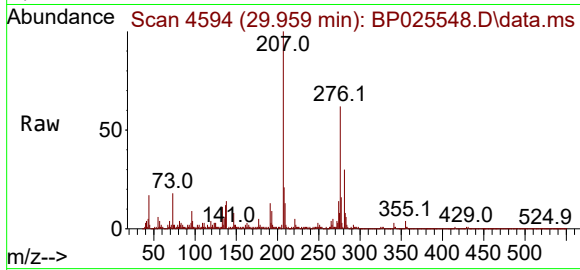
Acq: 22 Aug 2025 14:13

Instrument :

BNA_P

ClientSampleId :

TG-S02



Tgt Ion:276 Resp: 239889

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

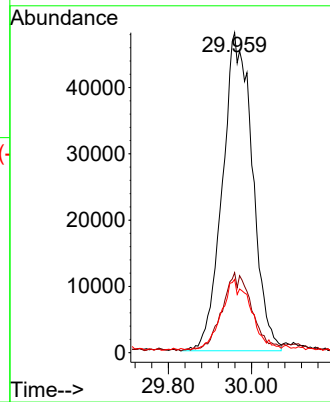
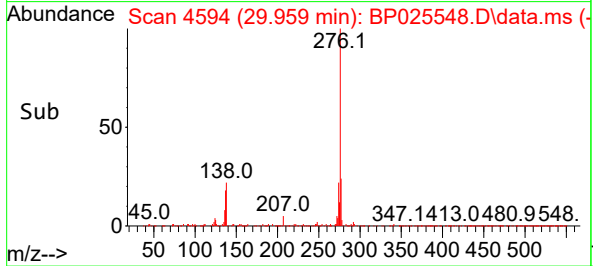
138 22.9 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/25/2025

Supervised By :Jagrut Upadhyay 08/25/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	12	16	27	rVB	203605	267809	6.79%	0.867%
2	3.561	102	106	115	rBV	50357	73653	1.87%	0.239%
3	4.943	336	341	350	rVB	34703	55510	1.41%	0.180%
4	5.396	411	418	426	rBV	337644	511085	12.96%	1.655%
5	6.961	676	684	692	rBV	327168	536536	13.61%	1.738%
6	7.778	816	823	833	rBV	654776	1078810	27.36%	3.494%
7	8.919	1010	1017	1027	rBV	207164	356523	9.04%	1.155%
8	10.549	1286	1294	1301	rBV	828213	1489578	37.78%	4.824%
9	13.007	1705	1712	1724	rBV	585739	884687	22.44%	2.865%
10	14.113	1892	1900	1911	rVB2	44957	83026	2.11%	0.269%
11	14.401	1939	1949	1955	rBV	1271381	2019414	51.22%	6.540%
12	14.460	1955	1959	1966	rVB	47659	72167	1.83%	0.234%
13	14.796	2011	2016	2023	rVB2	37736	62102	1.58%	0.201%
14	15.460	2123	2129	2133	rBV2	53771	83965	2.13%	0.272%
15	15.778	2176	2183	2189	rVB2	103217	159130	4.04%	0.515%
16	15.901	2198	2204	2214	rBV	496536	703590	17.84%	2.279%
17	16.154	2241	2247	2249	rBV4	27539	47301	1.20%	0.153%
18	16.478	2293	2302	2304	rBV6	19749	44120	1.12%	0.143%
19	16.837	2359	2363	2372	rVB2	37711	66944	1.70%	0.217%
20	16.919	2372	2377	2382	rBV4	21502	55258	1.40%	0.179%
21	17.013	2388	2393	2402	rVB	34683	66260	1.68%	0.215%
22	17.190	2416	2423	2427	rBV	1626754	2449708	62.13%	7.934%
23	17.231	2427	2430	2438	rVB	601542	910594	23.09%	2.949%
24	17.331	2443	2447	2453	rVV	174997	271842	6.89%	0.880%
25	17.607	2489	2494	2498	rBV	43271	60607	1.54%	0.196%
26	18.101	2573	2578	2580	rBV	117308	174949	4.44%	0.567%
27	18.131	2580	2583	2591	rVV2	233914	493538	12.52%	1.598%
28	18.231	2595	2600	2604	rVV	66119	117559	2.98%	0.381%
29	18.295	2605	2611	2615	rVV2	167451	347285	8.81%	1.125%
30	18.331	2615	2617	2626	rVB	95137	136092	3.45%	0.441%
31	18.613	2661	2665	2669	rBV	77453	117225	2.97%	0.380%
32	18.654	2669	2672	2683	rVB3	59387	109264	2.77%	0.354%
33	18.866	2705	2708	2712	rVB2	43374	48792	1.24%	0.158%
34	18.919	2713	2717	2721	rVV	35516	53170	1.35%	0.172%
35	19.048	2734	2739	2743	rBV	114709	171098	4.34%	0.554%
36	19.107	2744	2749	2752	rBV4	53566	106550	2.70%	0.345%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.189	2758	2763	2772	rBV2	84084	166359	4.22%	0.539%
38	19.307	2778	2783	2790	rBV	1221253	1723053	43.70%	5.580%
39	19.419	2799	2802	2805	rBV4	32106	47155	1.20%	0.153%
40	19.454	2805	2808	2810	rBV3	54215	61525	1.56%	0.199%
41	19.684	2838	2847	2858	rBV	1205251	2022510	51.30%	6.550%
42	19.772	2858	2862	2868	rVB3	86685	137109	3.48%	0.444%
43	19.872	2876	2879	2881	rBV	72949	82834	2.10%	0.268%
44	19.907	2881	2885	2897	rVB	1229542	1563929	39.66%	5.065%
45	20.031	2902	2906	2907	rBV3	70996	92363	2.34%	0.299%
46	20.172	2927	2930	2931	rBV2	50968	61258	1.55%	0.198%
47	20.201	2933	2935	2940	rVB2	172847	205453	5.21%	0.665%
48	20.313	2952	2954	2957	rVB	87813	81702	2.07%	0.265%
49	20.366	2959	2963	2968	rBV3	136207	245583	6.23%	0.795%
50	20.519	2986	2989	2992	rVB	93252	95637	2.43%	0.310%
51	20.560	2994	2996	3001	rVB	94240	106550	2.70%	0.345%
52	20.719	3019	3023	3028	rVB	260523	344561	8.74%	1.116%
53	20.989	3066	3069	3079	rBV	121357	197874	5.02%	0.641%
54	21.619	3168	3176	3181	rBV3	2057203	3942848	100.00%	12.769%
55	21.666	3181	3184	3190	rVB	596009	783892	19.88%	2.539%
56	23.936	3563	3570	3575	rBV	335161	911944	23.13%	2.953%
57	24.824	3717	3721	3729	rVB	306604	696016	17.65%	2.254%
58	24.971	3738	3746	3756	rBV	1135734	3021442	76.63%	9.785%

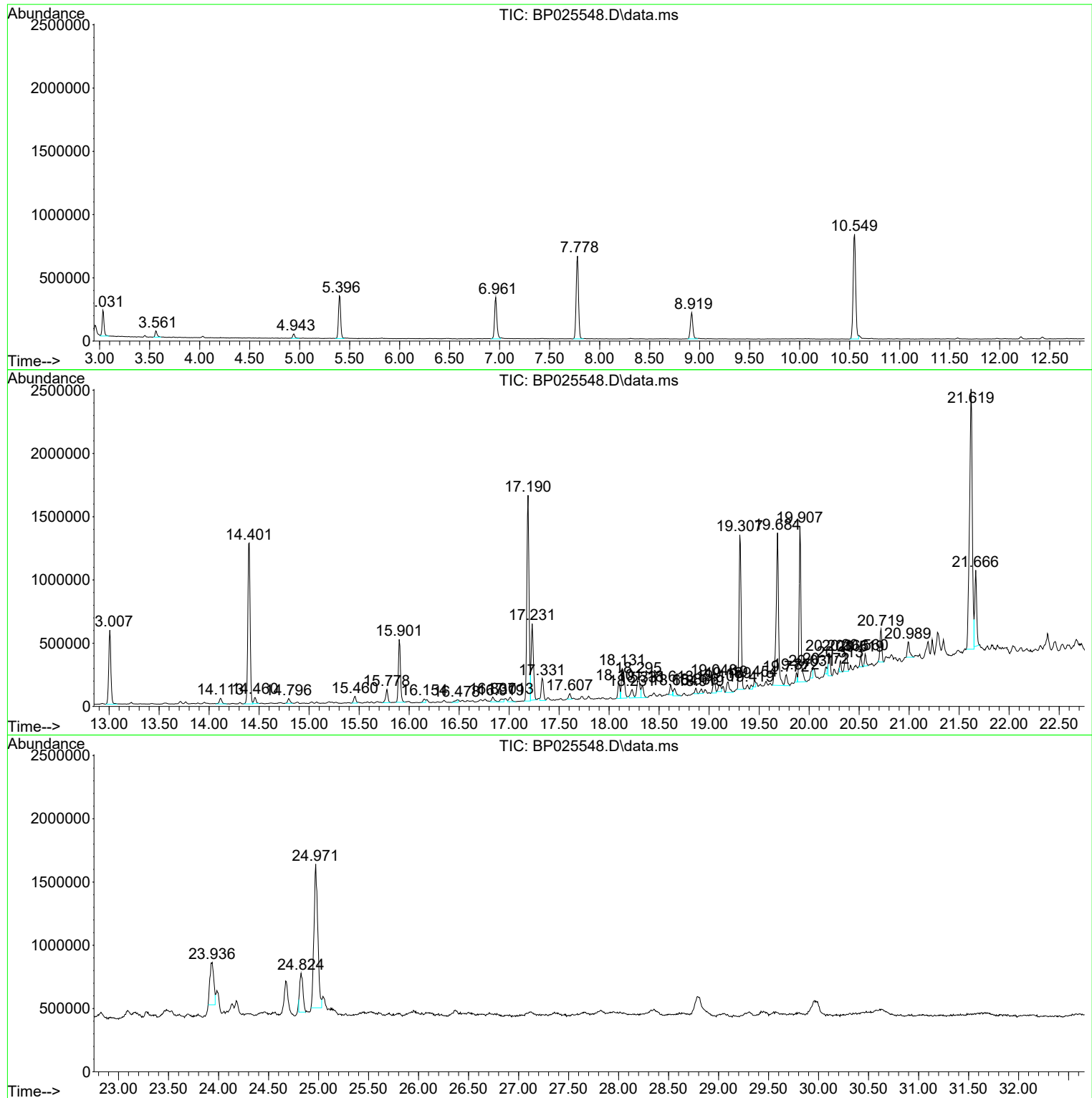
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

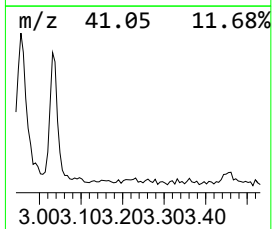
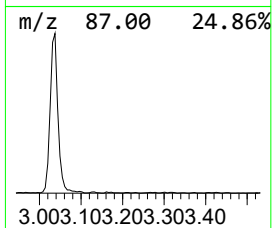
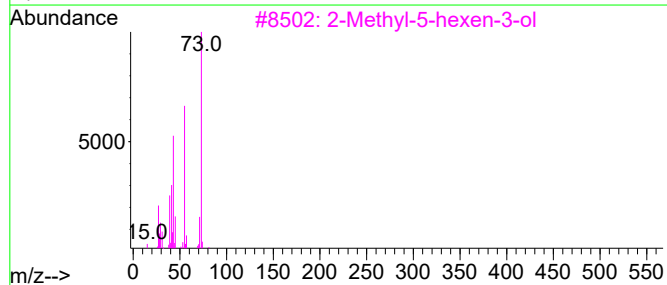
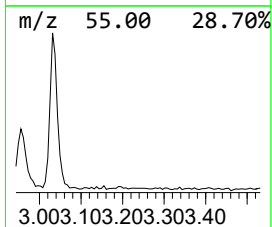
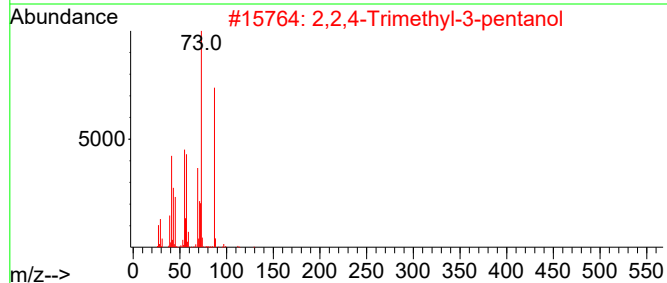
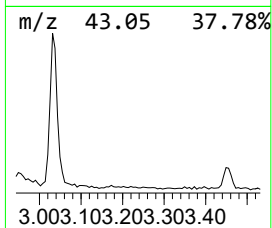
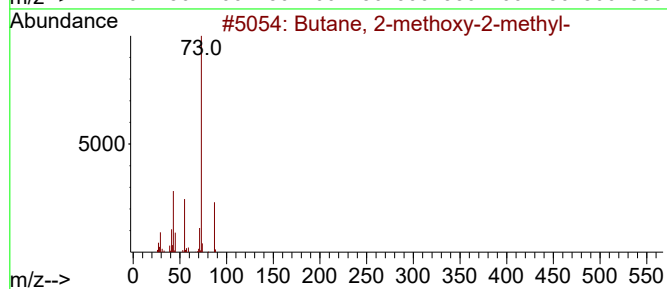
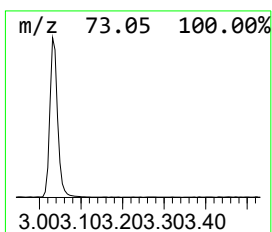
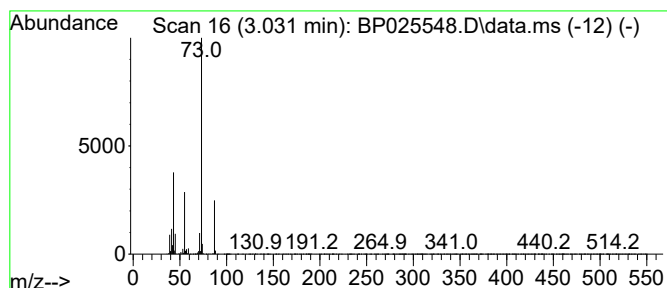
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.96 ng	267809	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

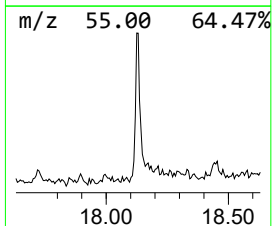
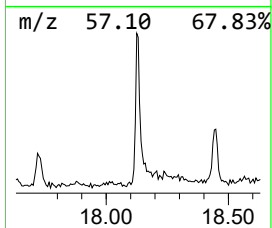
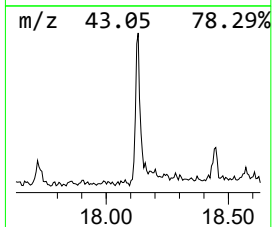
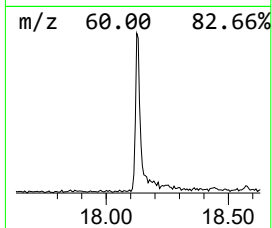
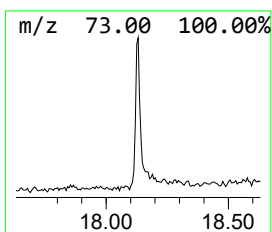
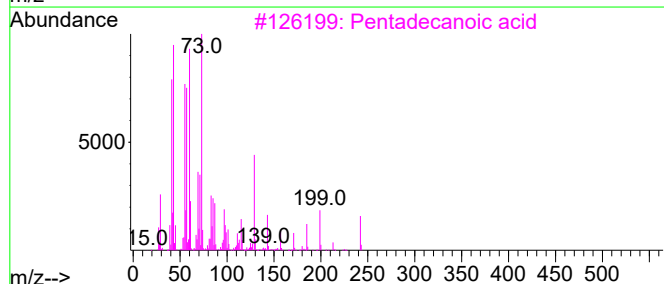
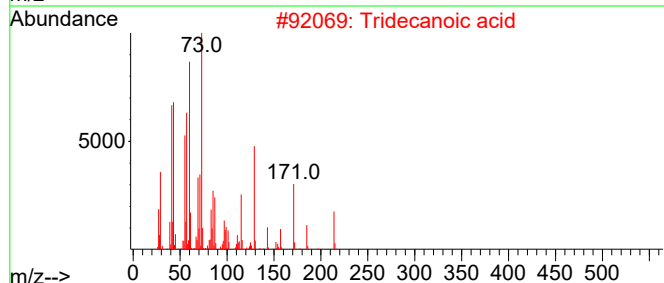
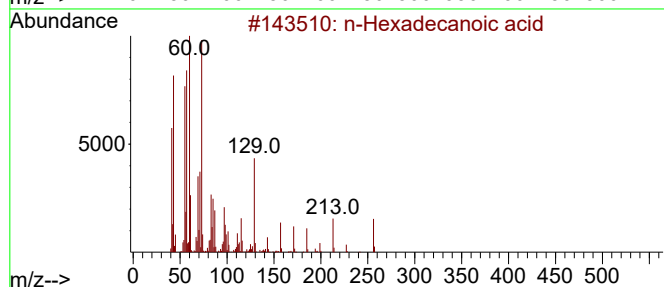
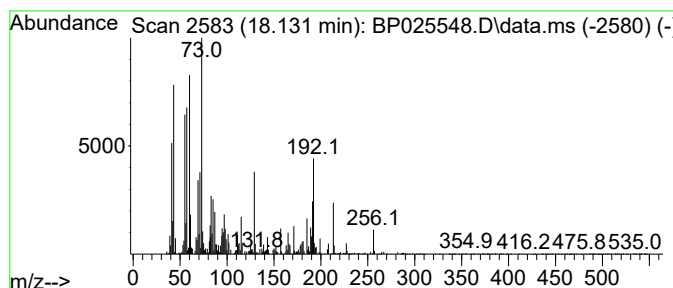
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	4.03 ng	493538	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	96
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

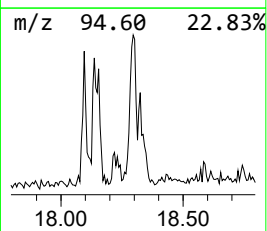
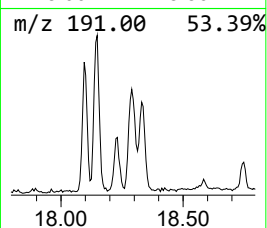
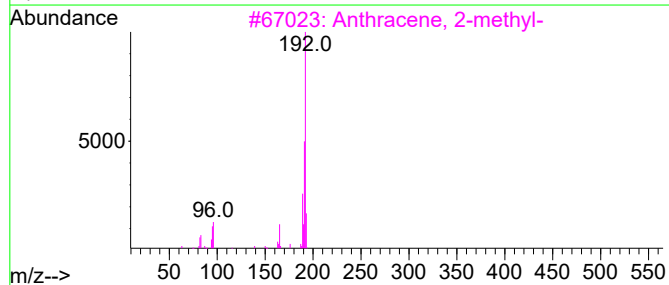
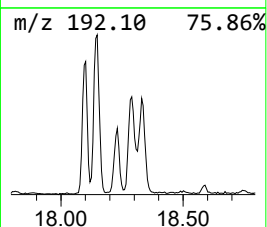
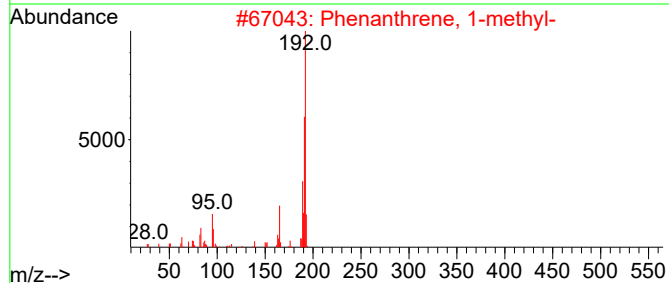
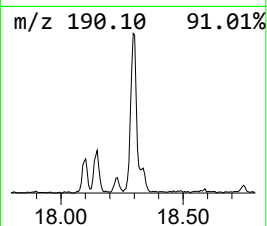
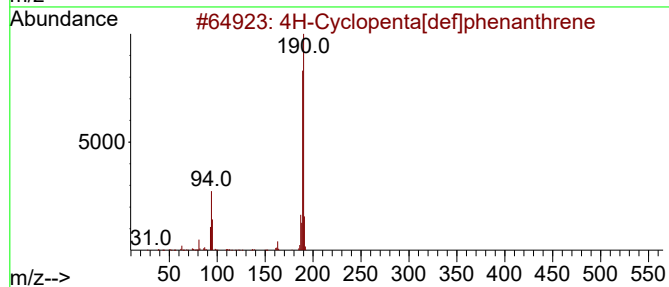
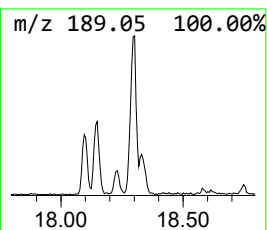
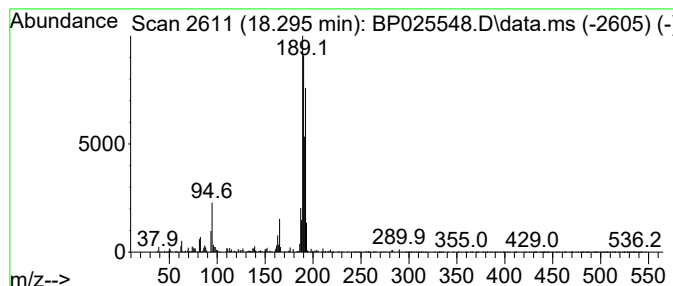
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown18.295 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	2.84 ng	347285	Phenanthrene-d10	17.189

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.031	5.0	ng	267809	1	7.778	1078810	20.0
n-Hexadecanoic ...	18.131	4.0	ng	493538	4	17.189	2449710	20.0
unknown18.295	18.295	2.8	ng	347285	4	17.189	2449710	20.0

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025467.D	5	08/13/25 09:05	08/18/25 18:58	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830	U	830	1800	ug/Kg
108-95-2	Phenol	120	U	120	900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	900	ug/Kg
95-48-7	2-Methylphenol	160	U	160	900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	900	ug/Kg
98-86-2	Acetophenone	160	U	160	900	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	430	ug/Kg
67-72-1	Hexachloroethane	93.6	U	93.6	900	ug/Kg
98-95-3	Nitrobenzene	97.4	U	97.4	900	ug/Kg
78-59-1	Isophorone	170	U	170	900	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	900	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	900	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	900	ug/Kg
91-20-3	Naphthalene	120	U	120	900	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	900	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	900	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	900	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	900	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	900	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	900	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	900	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	900	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025467.D	5	08/13/25 09:05	08/18/25 18:58	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	670	J	150	900	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	900	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	900	ug/Kg
83-32-9	Acenaphthene	110	U	110	900	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	900	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	900	ug/Kg
84-66-2	Diethylphthalate	150	U	150	900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	900	ug/Kg
86-73-7	Fluorene	130	U	130	900	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	900	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	900	ug/Kg
1912-24-9	Atrazine	180	U	180	900	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	1800	ug/Kg
85-01-8	Phenanthrene	1600		110	900	ug/Kg
120-12-7	Anthracene	1100		180	900	ug/Kg
86-74-8	Carbazole	170	U	170	900	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	900	ug/Kg
206-44-0	Fluoranthene	4700		160	900	ug/Kg
129-00-0	Pyrene	4600		190	900	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	UQ	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	2900		120	900	ug/Kg
218-01-9	Chrysene	3300		110	900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	900	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500		100	900	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025467.D	5	08/13/25 09:05	08/18/25 18:58	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		120	900	ug/Kg
50-32-8	Benzo(a)pyrene	2500		160	900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		150	900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	J	150	900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		140	900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	900	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	900	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	101		30 (18) - 130 (112)	67%	SPK: 150
13127-88-3	Phenol-d6	101		30 (15) - 130 (107)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.6		30 (18) - 130 (107)	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.6		30 (20) - 130 (109)	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		30 (10) - 130 (116)	67%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		30 (10) - 130 (105)	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	167000	7.79
1146-65-2	Naphthalene-d8	660000	10.56
15067-26-2	Acenaphthene-d10	425000	14.407
1517-22-2	Phenanthrene-d10	852000	17.207
1719-03-5	Chrysene-d12	883000	21.636
1520-96-3	Perylene-d12	1050000	25.007

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J	3.04	ug/Kg
000119-61-9	Benzophenone	460	J	15.8	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	560	J	18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	620	J	18.3	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	410	J	20.4	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	410	J	21.0	ug/Kg
000192-97-2	Benzo[e]pyrene	3000	J	24.7	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025467.D	5	08/13/25 09:05	08/18/25 18:58	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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_P\Data\BP081825\
 Data File : BP025467.D
 Acq On : 18 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2832-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S03

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

Quant Time: Aug 19 01:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	166743	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	660243	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	424895	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	851839	20.000	ng	0.00
76) Chrysene-d12	21.636	240	883261	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1051674	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	203284	20.246	ng	0.00
7) Phenol-d6	6.961	99	261266	20.296	ng	0.00
23) Nitrobenzene-d5	8.931	82	171357	13.129	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	115156	20.135	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	420220	13.516	ng	0.00
79) Terphenyl-d14	19.919	244	712593	14.761	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.131	152	150197	3.778	ng	98
71) Phenanthrene	17.242	178	435124	9.299	ng	100
72) Anthracene	17.331	178	300242	6.283	ng	99
75) Fluoranthene	19.330	202	1493830	26.763	ng	99
78) Pyrene	19.701	202	1473195	25.661	ng	100
81) Benzo(a)anthracene	21.613	228	962691	16.526	ng	99
83) Chrysene	21.677	228	1010978m	18.532	ng	
87) Indeno(1,2,3-cd)pyrene	28.818	276	737621	9.564	ng	# 89
88) Benzo(b)fluoranthene	23.942	252	1561236	25.175	ng	98
89) Benzo(k)fluoranthene	24.007	252	591143m	9.526	ng	
90) Benzo(a)pyrene	24.848	252	853157	14.133	ng	96
91) Dibenzo(a,h)anthracene	28.877	278	201725	3.201	ng	95
92) Benzo(g,h,i)perylene	30.000	276	667740	10.778	ng	99

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

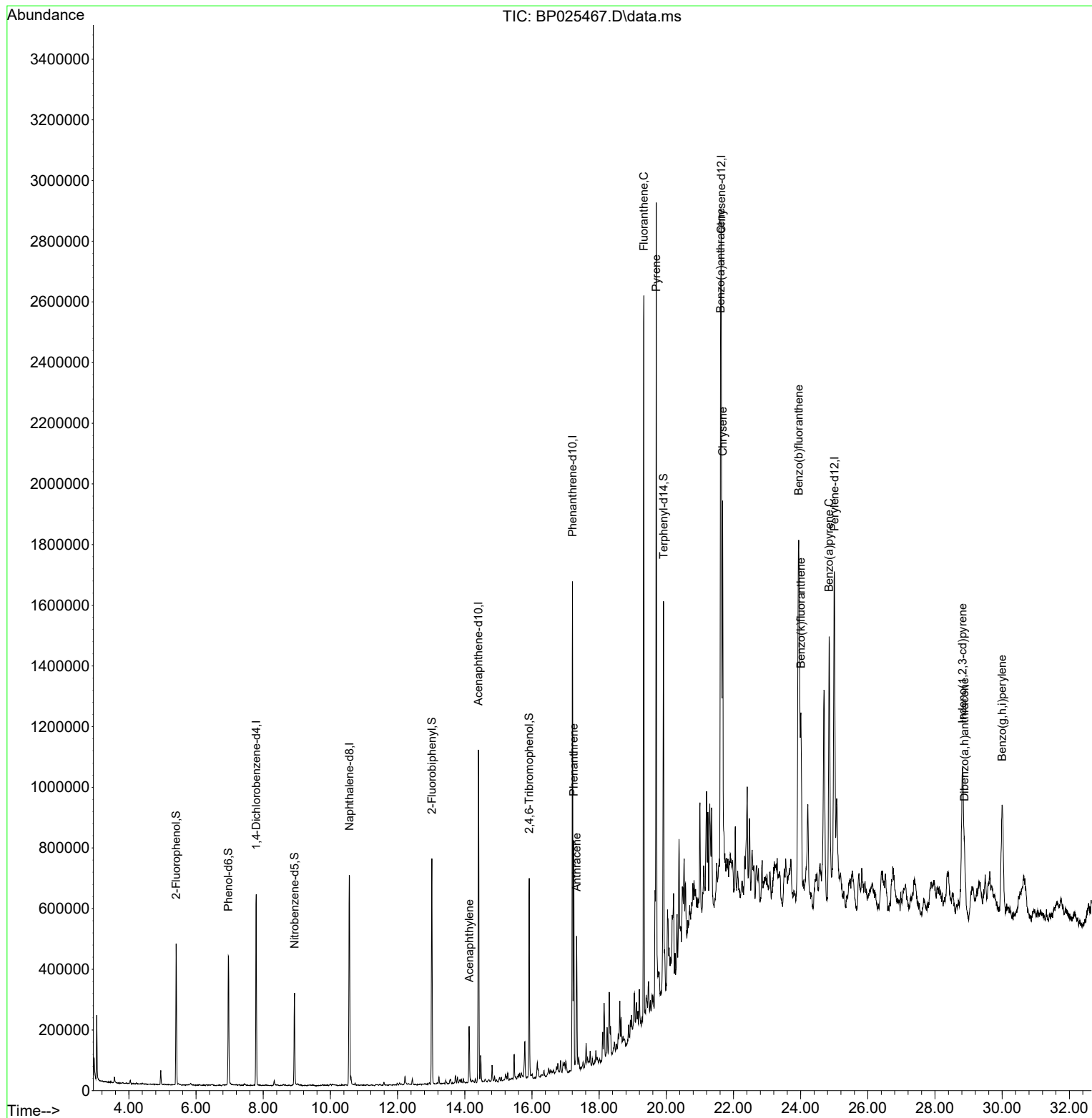
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Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

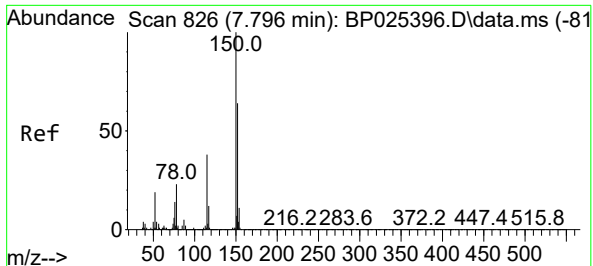
Instrument :
BNA_P
ClientSampleId :
TG-S03

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

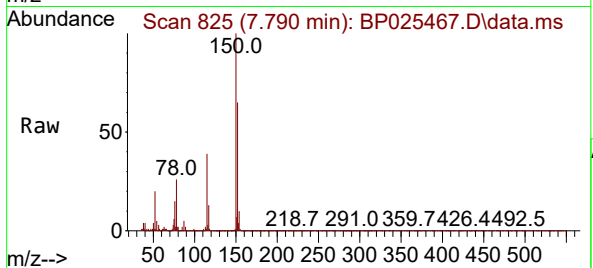
Quant Time: Aug 19 01:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

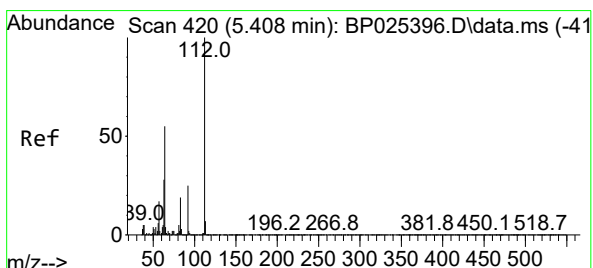
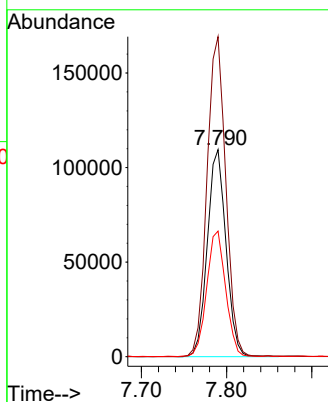
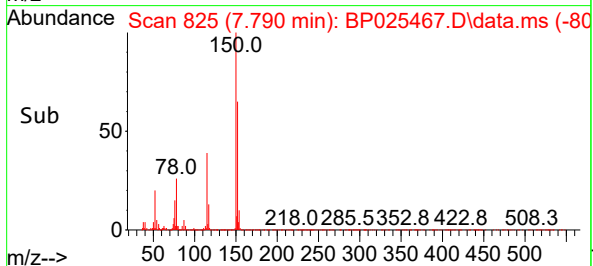
Instrument :
BNA_P
ClientSampleId :
TG-S03



Tgt Ion:152 Resp: 16674
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 60.7 48.5 72.7

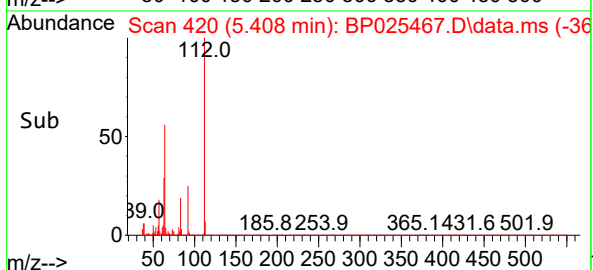
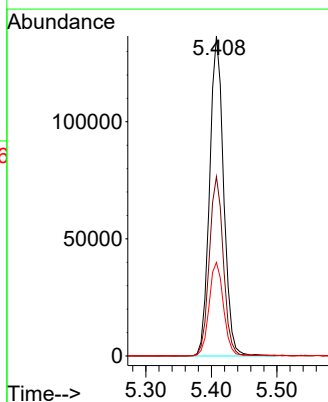
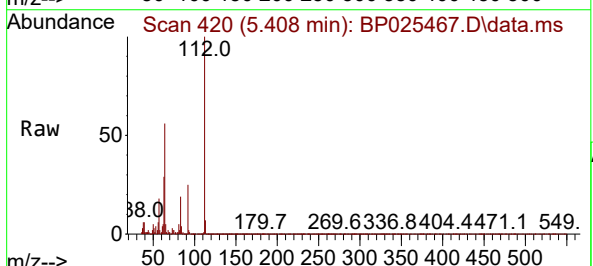
Manual Integrations
APPROVED

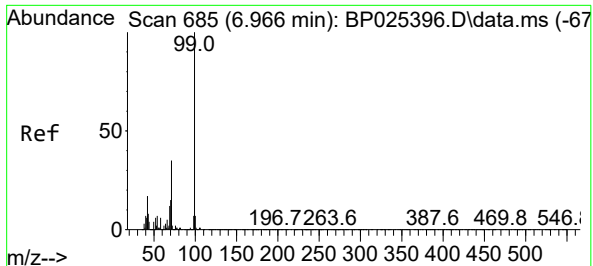
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#5
2-Fluorophenol
Concen: 20.246 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

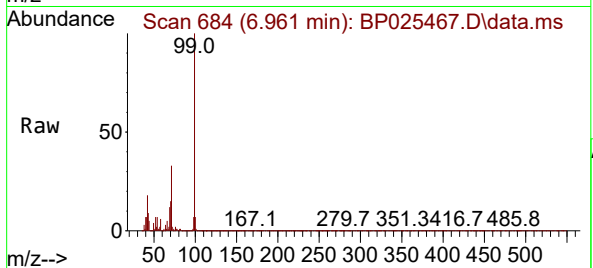
Tgt Ion:112 Resp: 203284
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.3 22.7 34.1





#7
Phenol-d6
Concen: 20.296 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

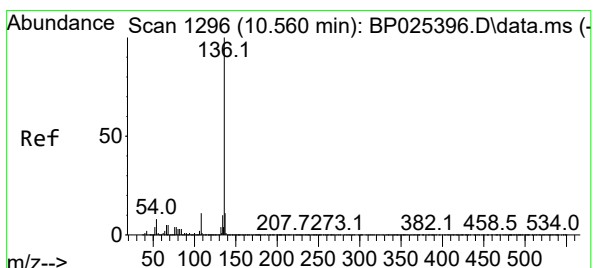
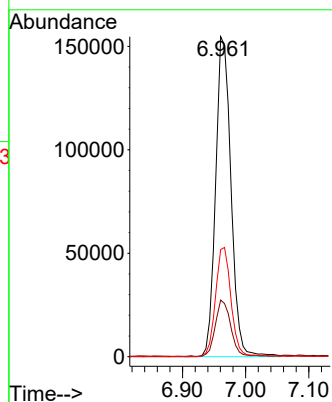
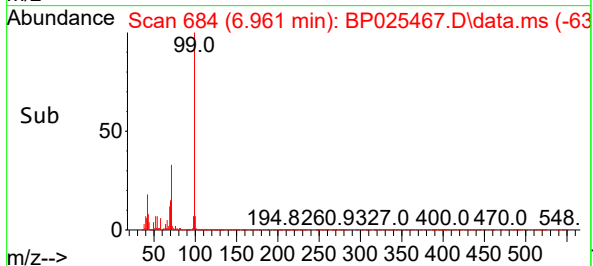
Instrument :
BNA_P
ClientSampleId :
TG-S03



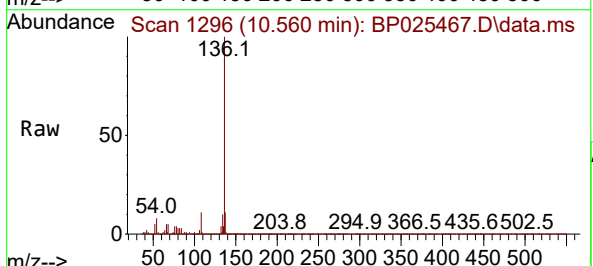
Tgt Ion: 99 Resp: 261260
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.5 28.2 42.4

Manual Integrations
APPROVED

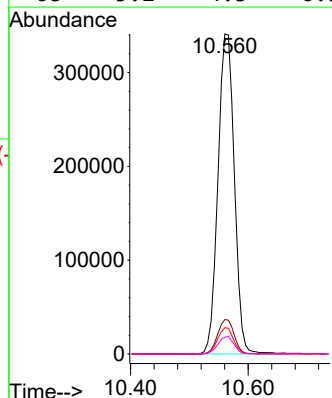
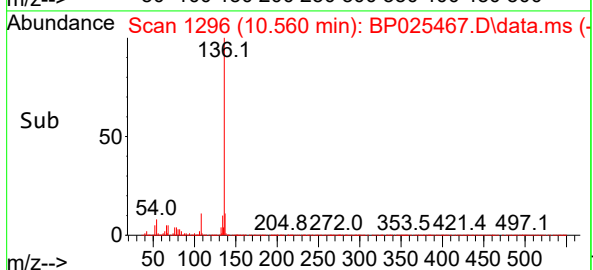
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

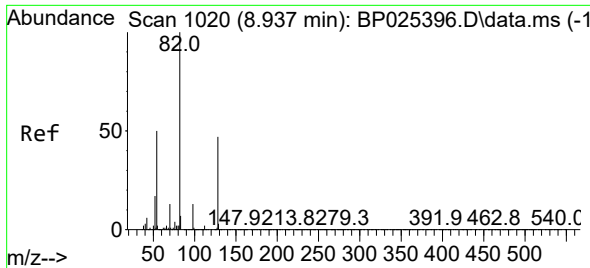


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58



Tgt Ion:136 Resp: 660243
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.2 6.0 9.0
68 5.2 4.3 6.5





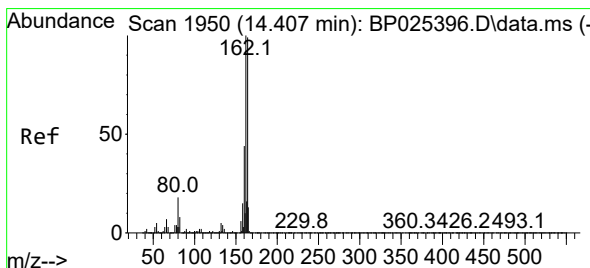
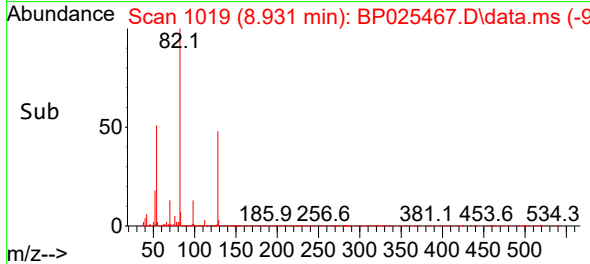
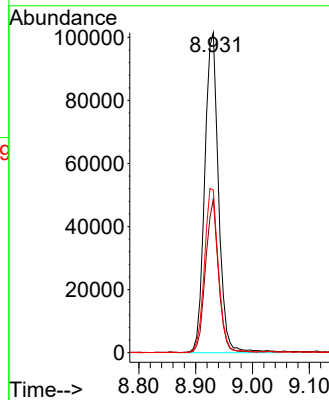
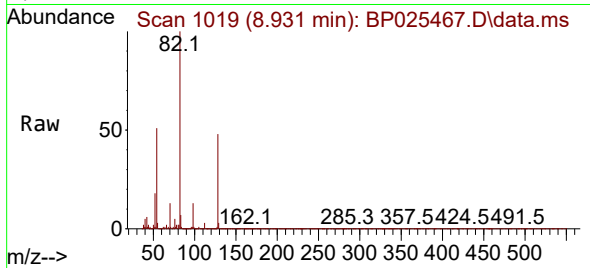
#23
Nitrobenzene-d5
Concen: 13.129 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

Instrument :
BNA_P
ClientSampleId :
TG-S03

Tgt Ion: 82 Resp: 17135
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 50.9 39.8 59.6

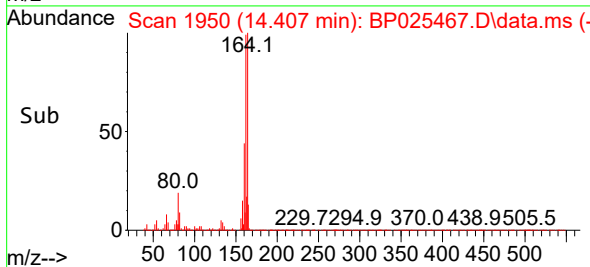
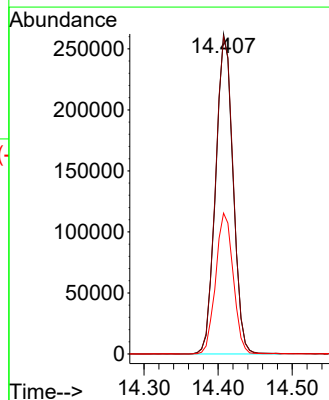
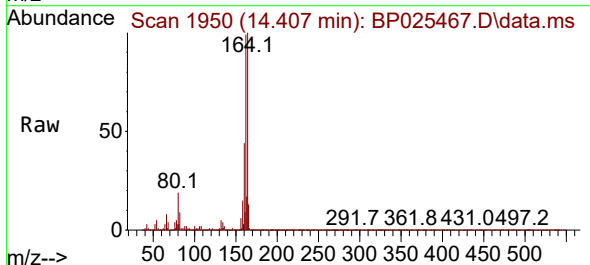
Manual Integrations
APPROVED

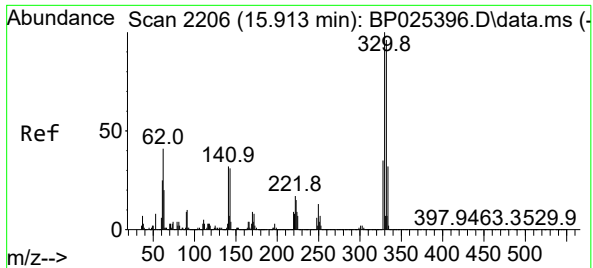
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

Tgt Ion:164 Resp: 424895
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.6
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 20.135 ng

RT: 15.919 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

TG-S03

Tgt Ion:330 Resp: 115150

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

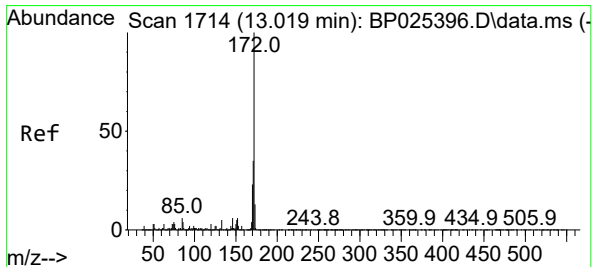
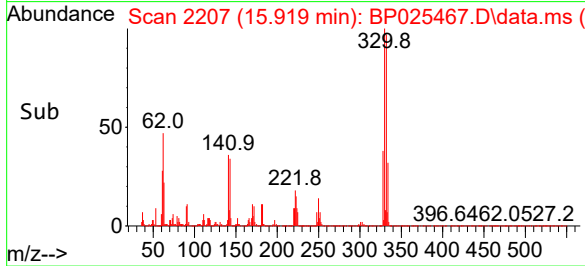
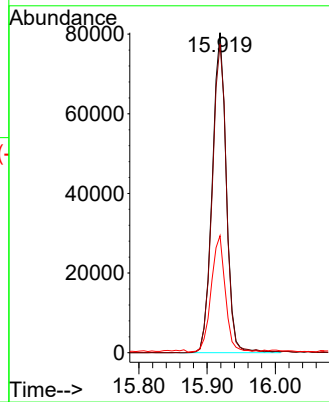
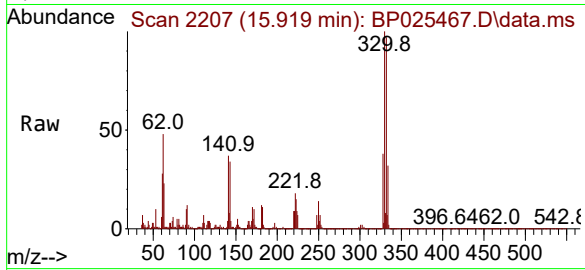
141 36.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#45

2-Fluorobiphenyl

Concen: 13.516 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

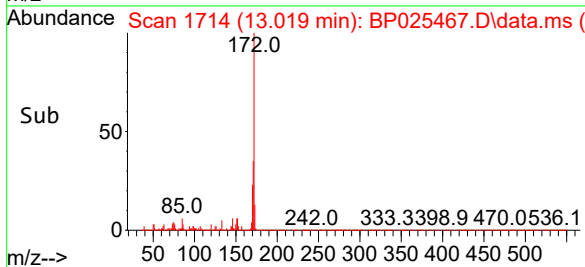
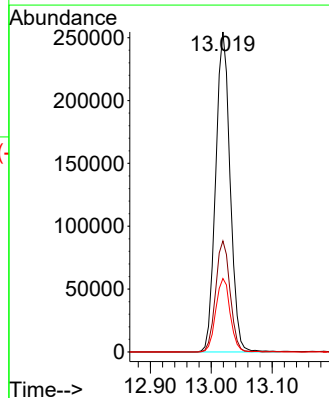
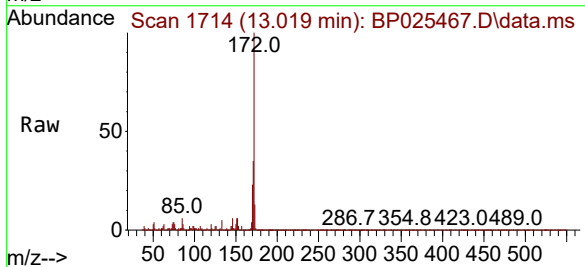
Tgt Ion:172 Resp: 420220

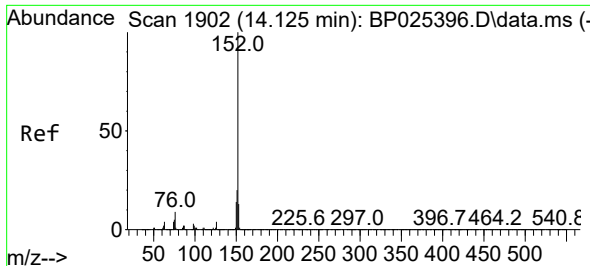
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 22.9 18.6 28.0





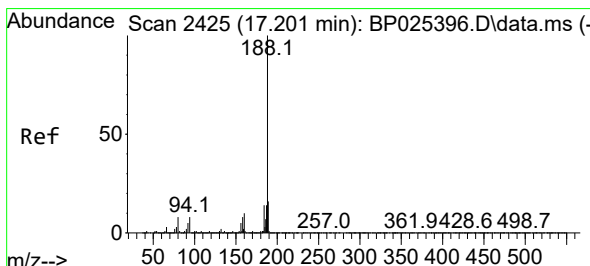
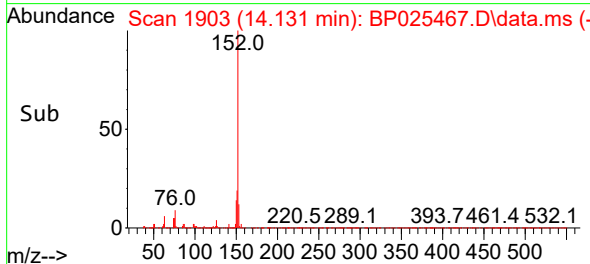
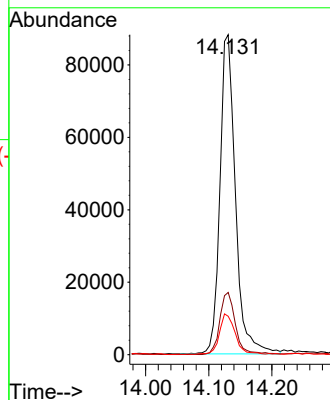
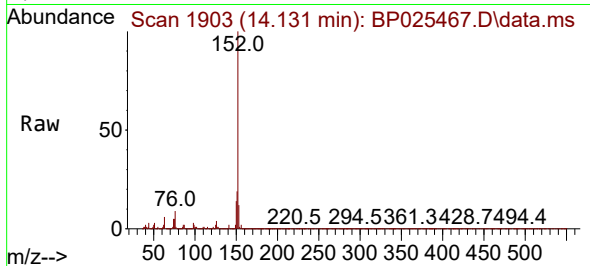
#49
Acenaphthylene
Concen: 3.778 ng
RT: 14.131 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

Instrument :
BNA_P
ClientSampleId :
TG-S03

Tgt Ion:152 Resp: 150197
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 12.0 10.6 15.8

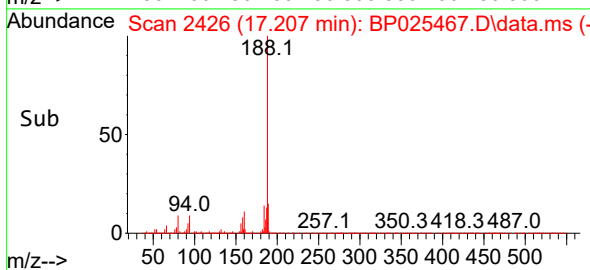
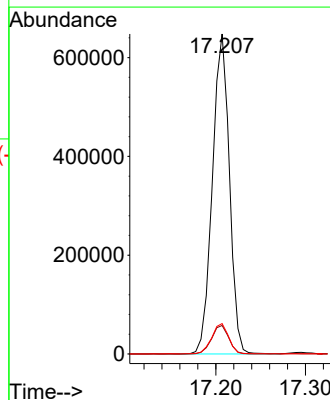
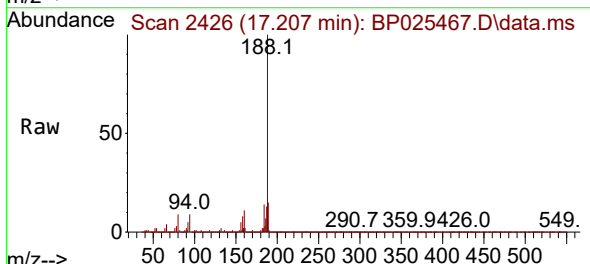
Manual Integrations
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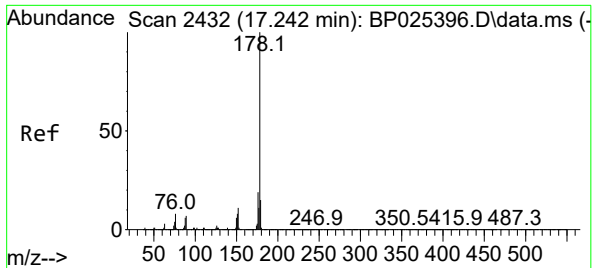
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

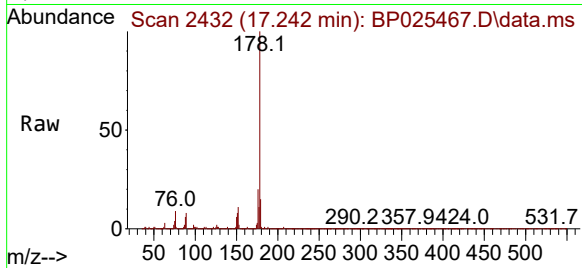
Tgt Ion:188 Resp: 851839
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.5 6.7 10.1





#71
Phenanthrene
Concen: 9.299 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

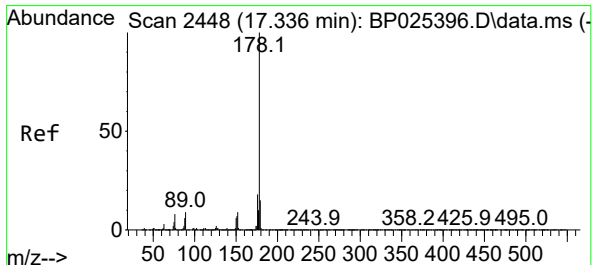
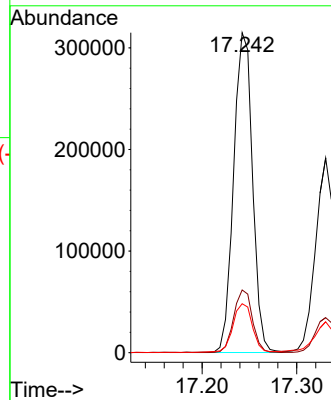
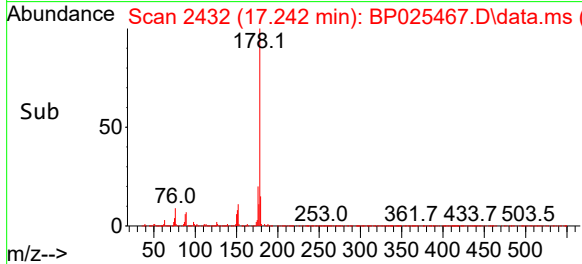
Instrument :
BNA_P
ClientSampleId :
TG-S03



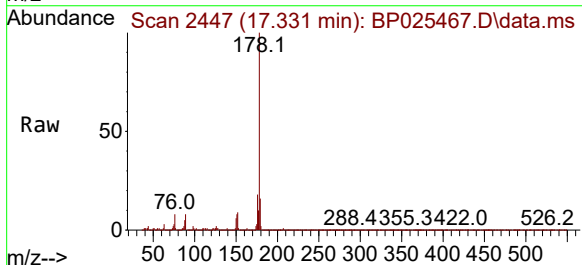
Tgt Ion:178 Resp: 435124
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.2 18.4

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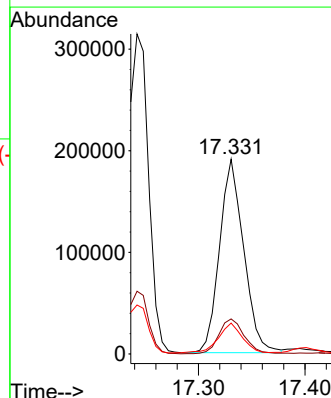
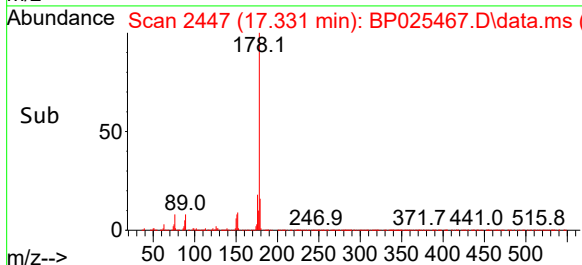
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

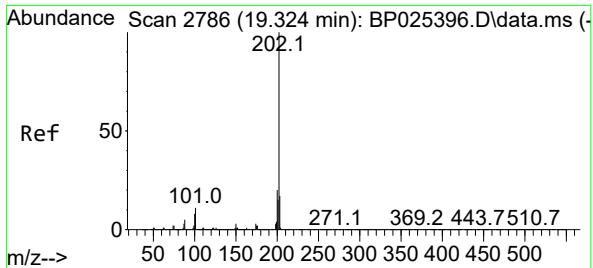


#72
Anthracene
Concen: 6.283 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58



Tgt Ion:178 Resp: 300242
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.9 12.2 18.2





#75

Fluoranthene

Concen: 26.763 ng

RT: 19.330 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

TG-S03

Tgt Ion:202 Resp: 1493830

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

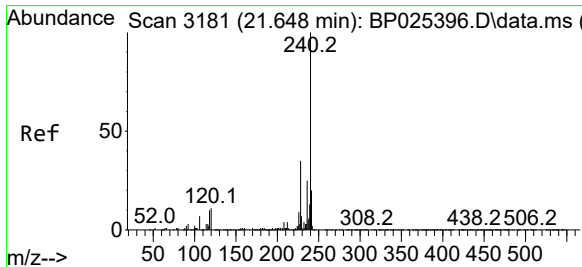
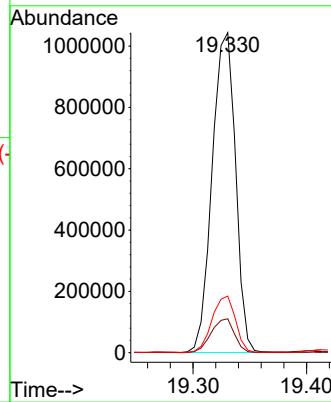
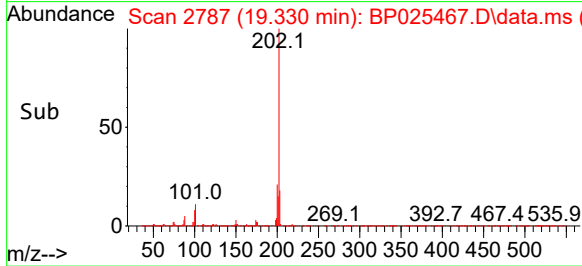
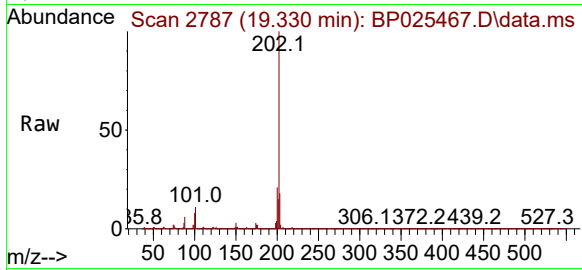
203 17.7 0.0 37.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

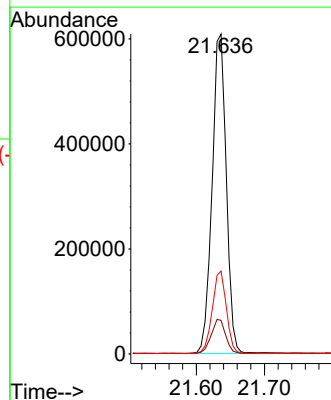
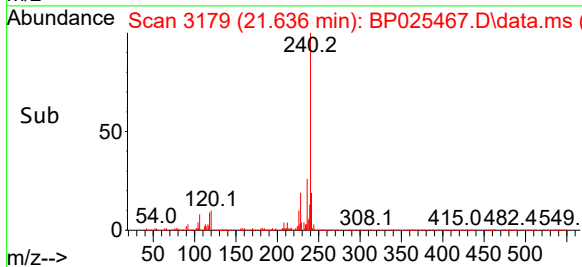
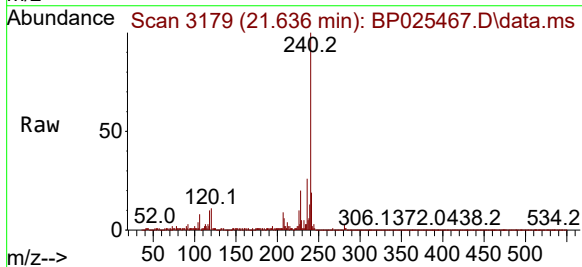
Tgt Ion:240 Resp: 883261

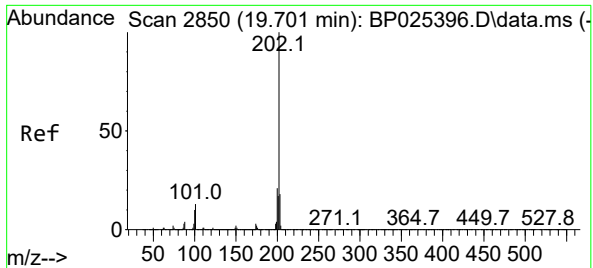
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

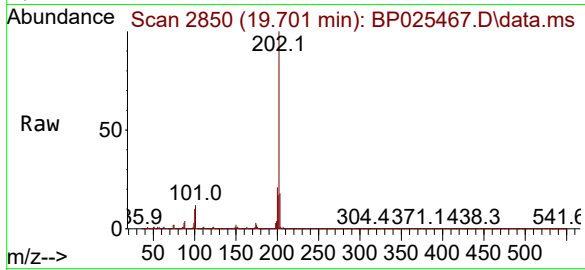
236 25.9 19.8 29.8





#78
Pyrene
Concen: 25.661 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

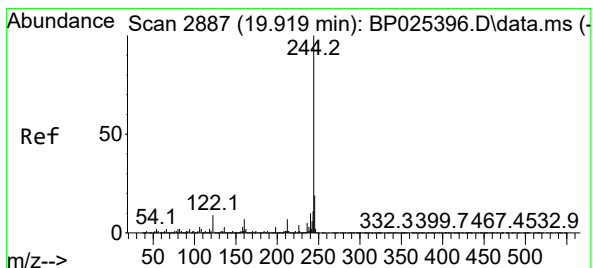
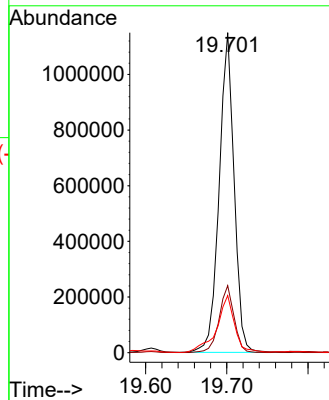
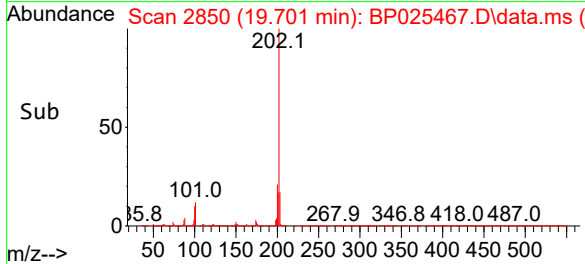
Instrument :
BNA_P
ClientSampleId :
TG-S03



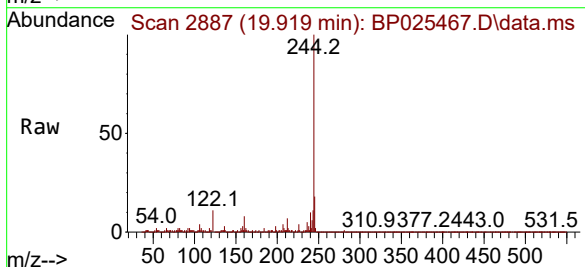
Tgt Ion:202 Resp: 147319
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.9 14.2 21.2

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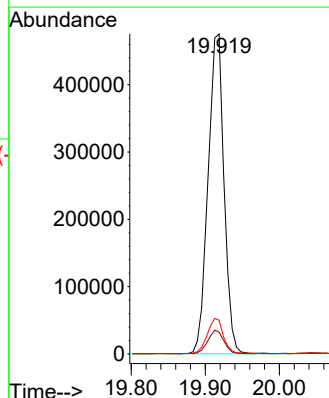
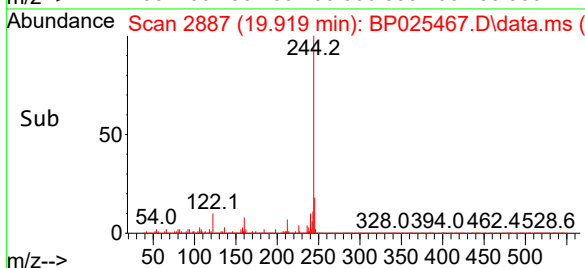
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

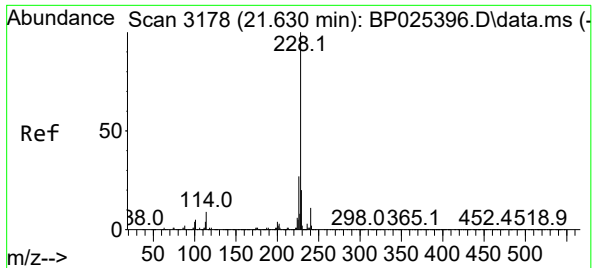


#79
Terphenyl-d14
Concen: 14.761 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58



Tgt Ion:244 Resp: 712593
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.5 7.4 11.2





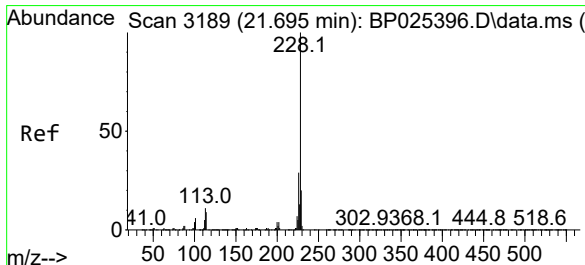
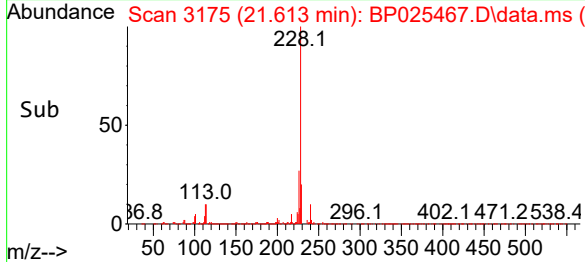
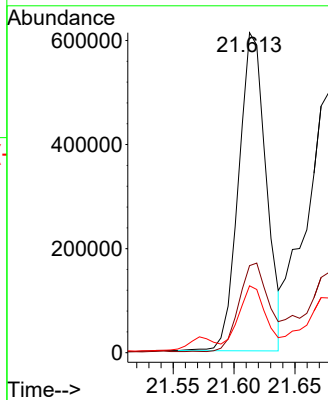
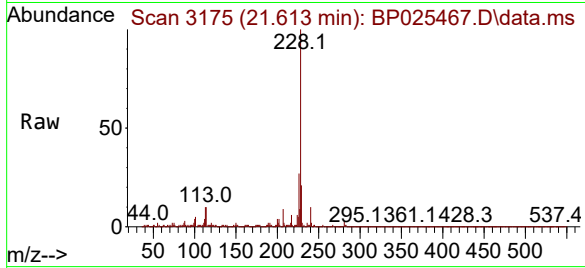
#81
Benzo(a)anthracene
Concen: 16.526 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

Instrument :
BNA_P
ClientSampleId :
TG-S03

Tgt Ion:228 Resp: 96269
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.9 15.6 23.4

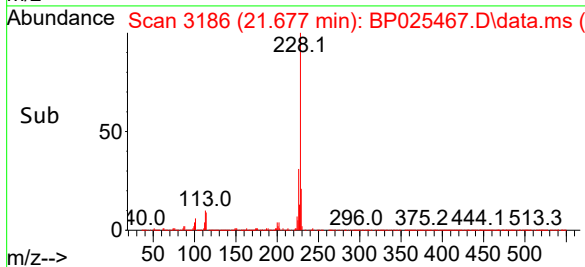
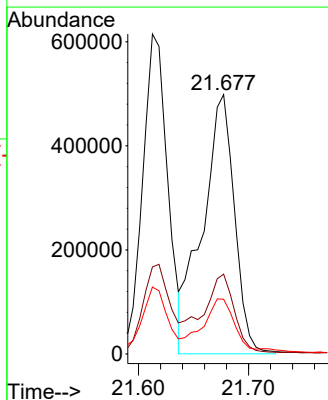
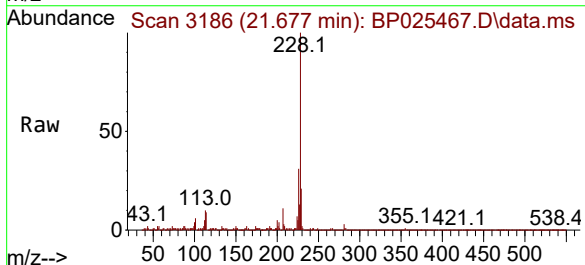
Manual Integrations
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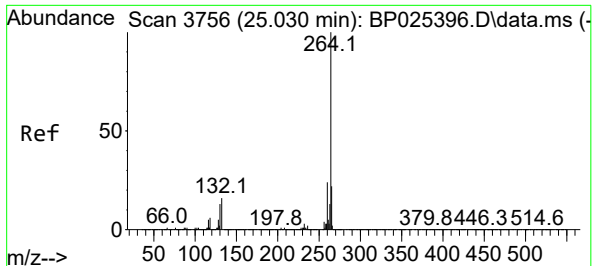
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#83
Chrysene
Concen: 18.532 ng m
RT: 21.677 min Scan# 3186
Delta R.T. -0.018 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

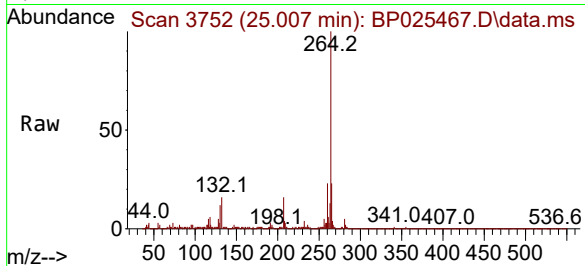
Tgt Ion:228 Resp: 1010978
Ion Ratio Lower Upper
228 100
226 30.8 23.2 34.8
229 21.1 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58

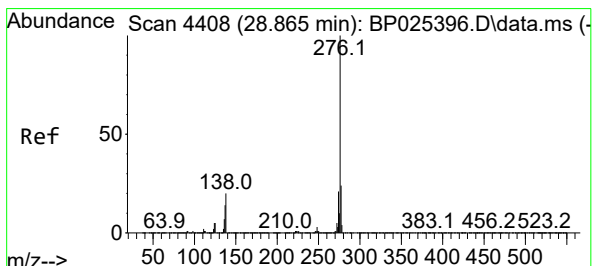
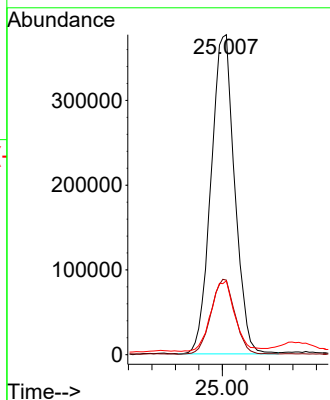
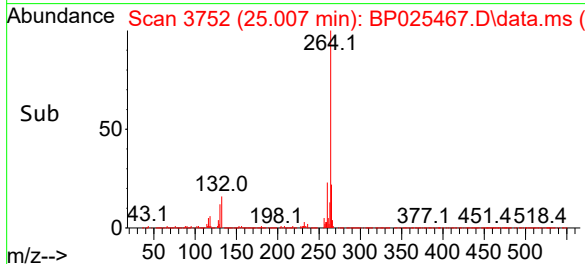
Instrument :
BNA_P
ClientSampleId :
TG-S03



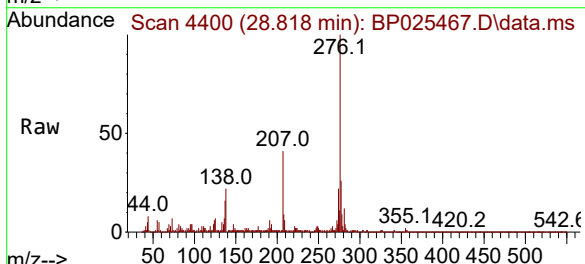
Tgt Ion:264 Resp: 1051674
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 23.1 17.4 26.0

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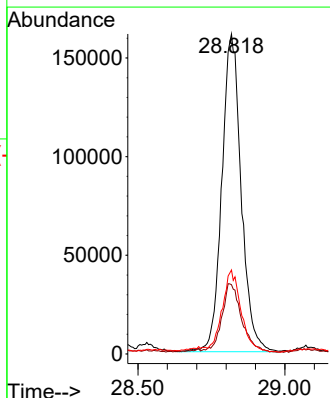
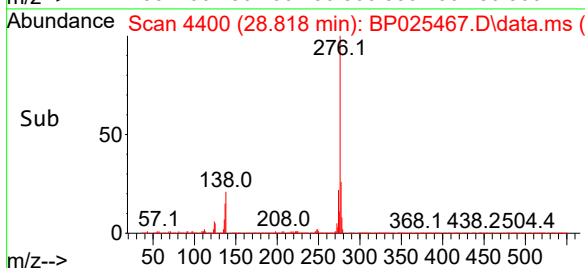
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

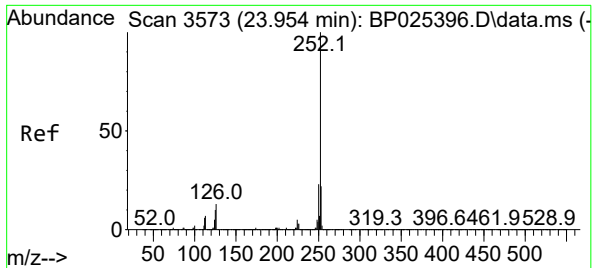


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.564 ng
RT: 28.818 min Scan# 4400
Delta R.T. -0.047 min
Lab File: BP025467.D
Acq: 18 Aug 2025 18:58



Tgt Ion:276 Resp: 737621
Ion Ratio Lower Upper
276 100
138 22.1 12.9 19.3#
277 25.4 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 25.175 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

TG-S03

Tgt Ion:252 Resp: 1561230

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

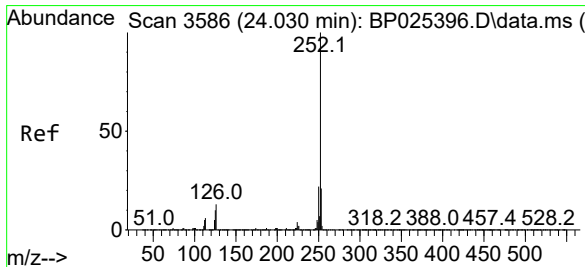
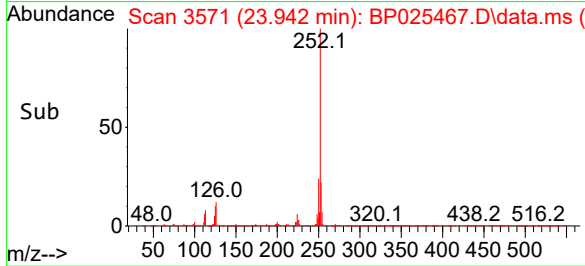
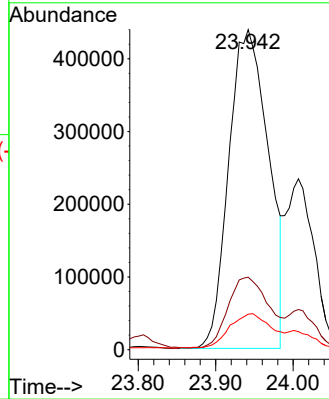
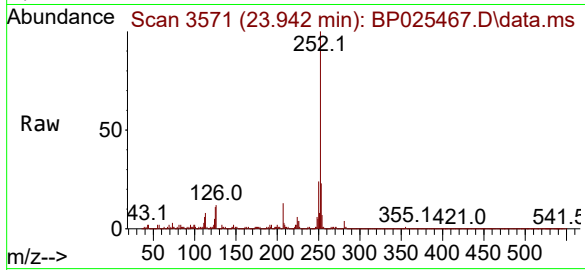
125 11.1 7.9 11.9

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#89

Benzo(k)fluoranthene

Concen: 9.526 ng m

RT: 24.007 min Scan# 3582

Delta R.T. -0.023 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

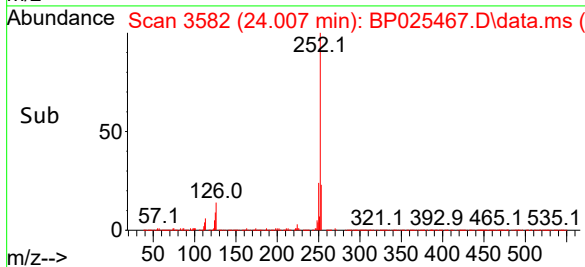
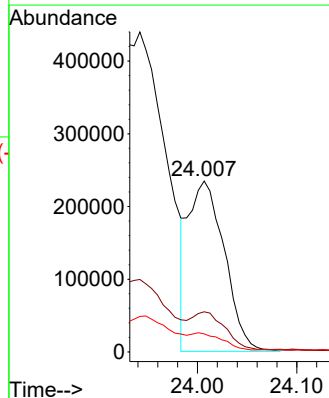
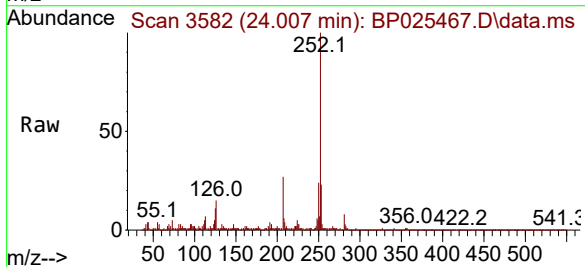
Tgt Ion:252 Resp: 591143

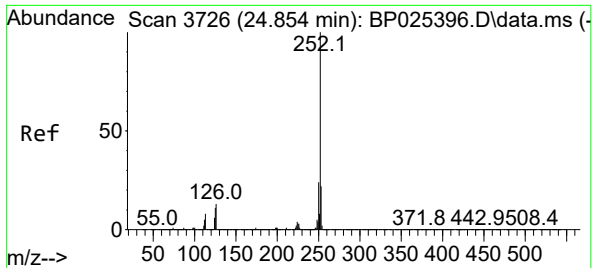
Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 10.6 7.8 11.6





#90

Benzo(a)pyrene

Concen: 14.133 ng

RT: 24.848 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

TG-S03

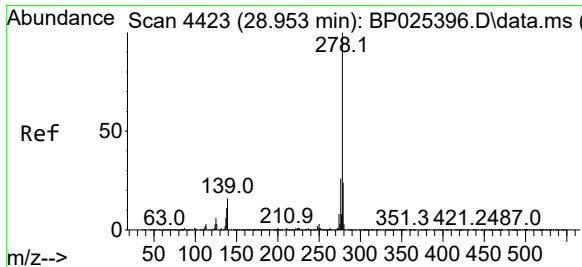
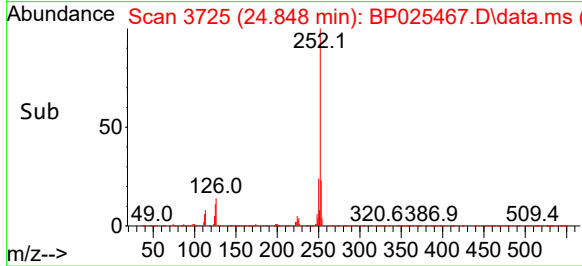
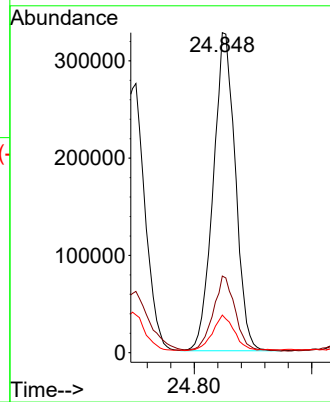
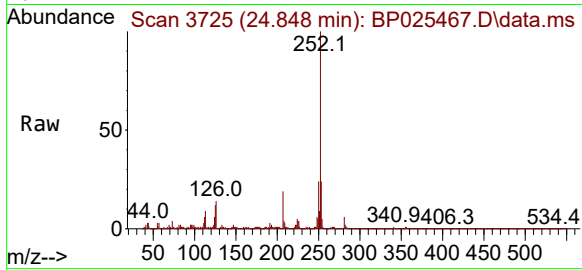
Tgt Ion:252	Resp:	85315
Ion Ratio	Lower	Upper
252	100	
253	24.0	17.5 26.3
125	11.8	8.7 13.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/19/2025



#91

Dibenzo(a,h)anthracene

Concen: 3.201 ng

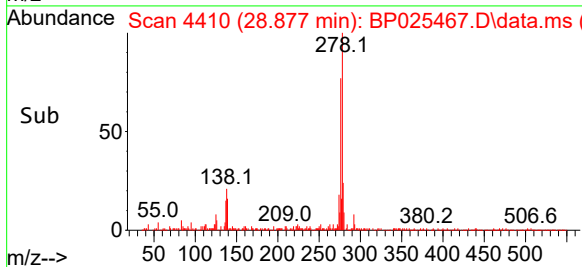
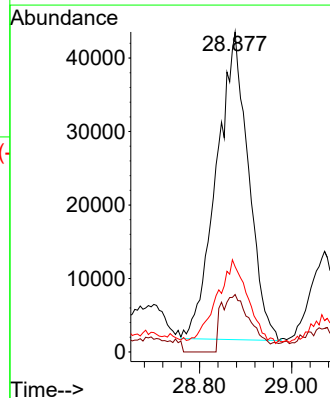
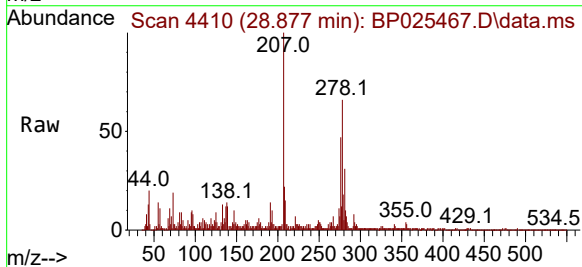
RT: 28.877 min Scan# 4410

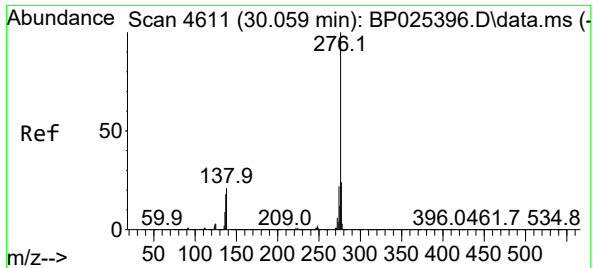
Delta R.T. -0.076 min

Lab File: BP025467.D

Acq: 18 Aug 2025 18:58

Tgt Ion:278	Resp:	201725
Ion Ratio	Lower	Upper
278	100	
139	18.0	13.0 19.4
279	26.7	19.4 29.2





#92

Benzo(g,h,i)perylene

Concen: 10.778 ng

RT: 30.000 min Scan# 40

Delta R.T. -0.059 min

Lab File: BP025467.D

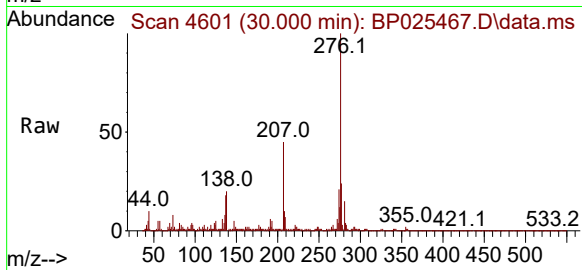
Acq: 18 Aug 2025 18:58

Instrument :

BNA_P

ClientSampleId :

TG-S03



Tgt Ion:276 Resp: 667740

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

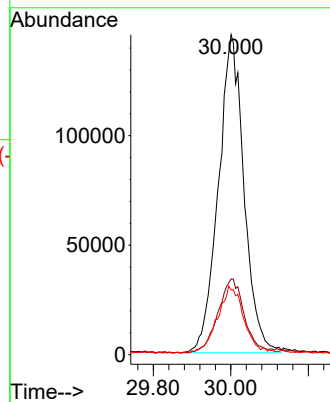
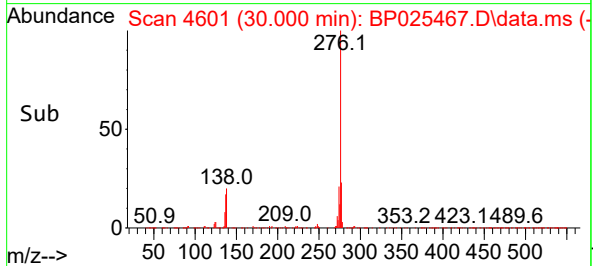
138 20.2 16.7 25.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025467.D
 Acq On : 18 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2832-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S03

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_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	27	rVB	212308	290483	5.45%	0.633%
2	4.949	337	342	348	rBV	45587	61991	1.16%	0.135%
3	5.408	413	420	427	rBV	465460	689659	12.93%	1.503%
4	6.961	675	684	694	rBV	426110	754437	14.14%	1.644%
5	7.790	817	825	834	rBV	630206	975215	18.28%	2.125%
6	8.931	1008	1019	1029	rBV	304146	512896	9.62%	1.117%
7	10.560	1287	1296	1303	rBV	693278	1355245	25.41%	2.953%
8	12.219	1572	1578	1591	rBV3	27066	56324	1.06%	0.123%
9	13.019	1706	1714	1727	rBV	745095	1233279	23.12%	2.687%
10	14.131	1897	1903	1915	rBV	184975	317113	5.95%	0.691%
11	14.407	1941	1950	1957	rBV	1097816	1819317	34.11%	3.964%
12	14.472	1957	1961	1969	rVB	87411	142017	2.66%	0.309%
13	14.813	2013	2019	2026	rBV	52752	82312	1.54%	0.179%
14	15.472	2125	2131	2136	rBV2	81752	128382	2.41%	0.280%
15	15.789	2177	2185	2193	rVB2	120458	234709	4.40%	0.511%
16	15.919	2200	2207	2214	rBV	654170	946630	17.75%	2.062%
17	16.160	2242	2248	2251	rBV3	50537	89241	1.67%	0.194%
18	16.854	2362	2366	2373	rVB4	40183	63588	1.19%	0.139%
19	16.925	2374	2378	2382	rBV3	29422	56190	1.05%	0.122%
20	17.007	2389	2392	2402	rVB	39118	81800	1.53%	0.178%
21	17.207	2420	2426	2429	rBV	1609888	2136330	40.05%	4.654%
22	17.242	2429	2432	2438	rVV	755969	1032035	19.35%	2.249%
23	17.331	2442	2447	2454	rVV	439613	722487	13.55%	1.574%
24	17.395	2454	2458	2465	rVB5	38615	76071	1.43%	0.166%
25	17.613	2491	2495	2499	rVB	63273	84277	1.58%	0.184%
26	17.731	2512	2515	2522	rVB4	47201	65823	1.23%	0.143%
27	18.107	2574	2579	2581	rBV	95228	142059	2.66%	0.310%
28	18.148	2581	2586	2593	rVB2	176250	335665	6.29%	0.731%
29	18.236	2597	2601	2606	rVB	85399	121158	2.27%	0.264%
30	18.301	2607	2612	2617	rBV3	198147	372177	6.98%	0.811%
31	18.619	2662	2666	2669	rVV	137085	187957	3.52%	0.410%
32	18.654	2669	2672	2677	rVB3	83374	114840	2.15%	0.250%
33	18.930	2716	2719	2722	rBV	54575	85598	1.60%	0.186%
34	19.048	2734	2739	2745	rBV2	102303	182764	3.43%	0.398%
35	19.113	2746	2750	2753	rBV5	61042	96535	1.81%	0.210%
36	19.195	2760	2764	2770	rBV2	115756	186237	3.49%	0.406%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025467.D
 Acq On : 18 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2832-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S03

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.330	2781	2787	2792	rBV	2393502	3457657	64.83%	7.533%
38	19.401	2796	2799	2806	rBV3	61688	145629	2.73%	0.317%
39	19.666	2839	2844	2846	rBV	390002	623902	11.70%	1.359%
40	19.701	2846	2850	2858	rVB	2580668	3348760	62.79%	7.296%
41	19.913	2879	2886	2891	rBV2	1253109	2090248	39.19%	4.554%
42	20.036	2902	2907	2908	rBV3	250726	328526	6.16%	0.716%
43	20.177	2928	2931	2932	rBV2	128070	136026	2.55%	0.296%
44	20.319	2951	2955	2959	rBV2	174407	244248	4.58%	0.532%
45	20.377	2960	2965	2970	rBV2	362250	619099	11.61%	1.349%
46	21.001	3067	3071	3081	rVB	363120	618018	11.59%	1.346%
47	21.236	3109	3111	3115	rVB	259585	308714	5.79%	0.673%
48	21.295	3117	3121	3127	rVV4	220945	471828	8.85%	1.028%
49	21.630	3170	3178	3183	rBV2	2123825	5333674	100.00%	11.621%
50	21.677	3183	3186	3196	rVB	1187572	1837513	34.45%	4.003%
51	23.942	3562	3571	3579	rBV2	1075706	4034484	75.64%	8.790%
52	24.695	3694	3699	3711	rVB	690890	1949106	36.54%	4.247%
53	24.848	3718	3725	3736	rBV	814463	2187789	41.02%	4.767%
54	25.001	3744	3751	3758	rBV2	918606	2330587	43.70%	5.078%

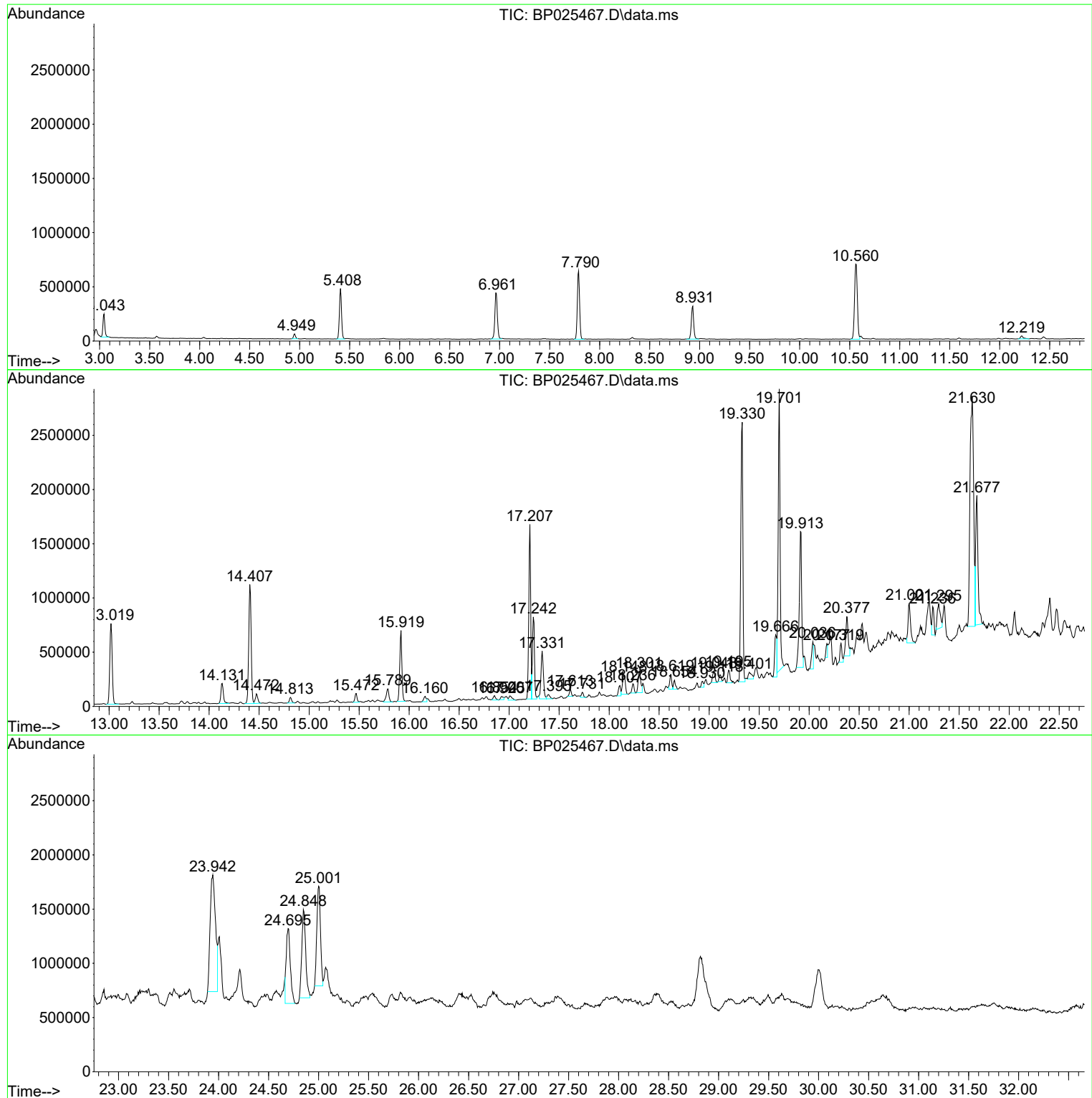
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Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

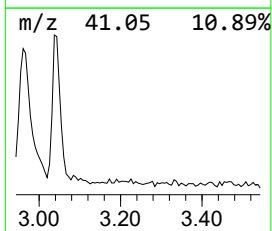
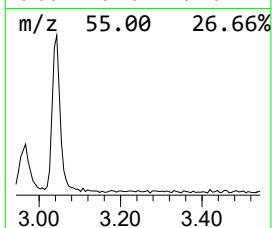
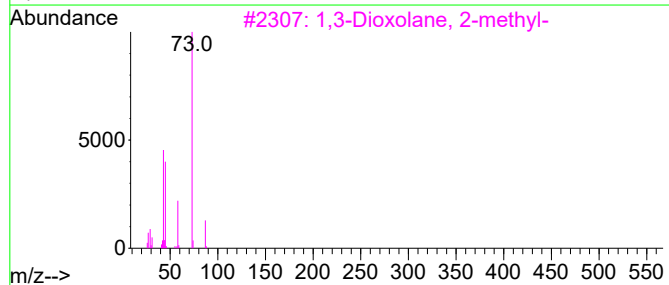
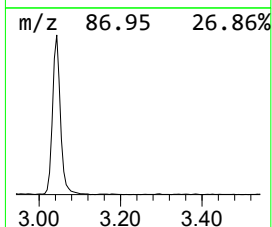
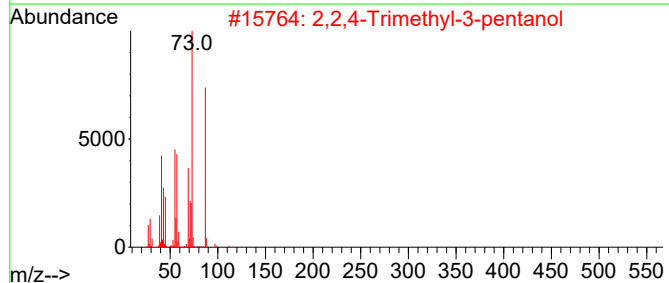
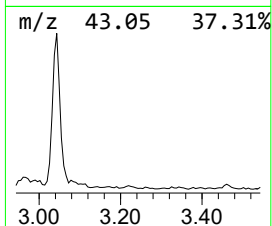
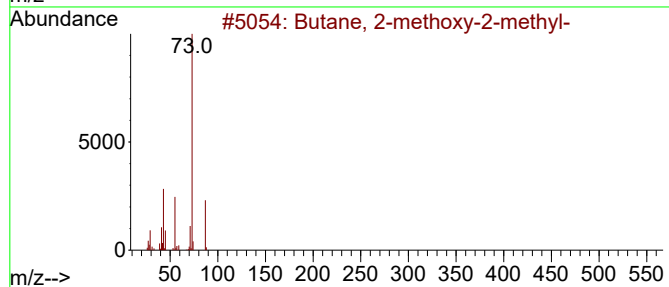
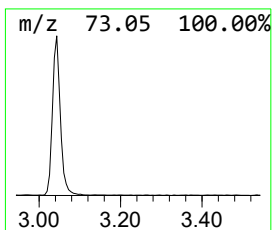
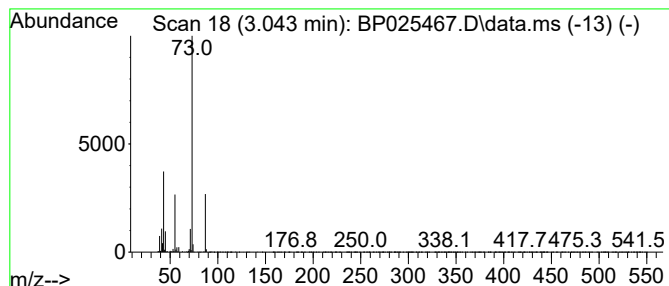
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	5.96 ng	290483	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

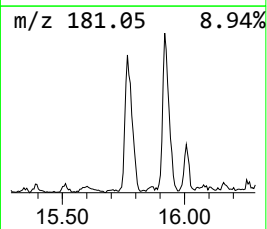
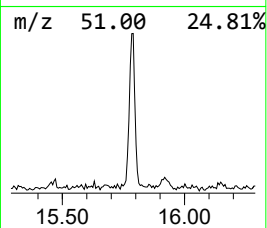
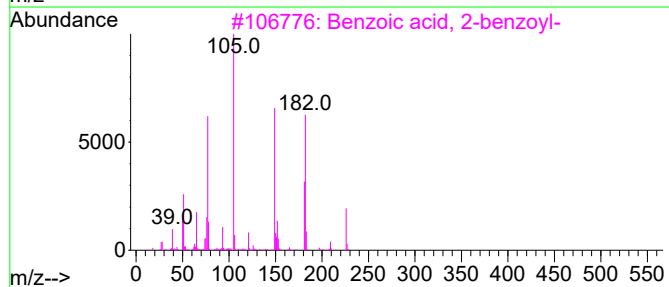
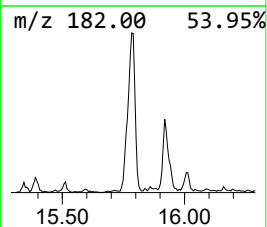
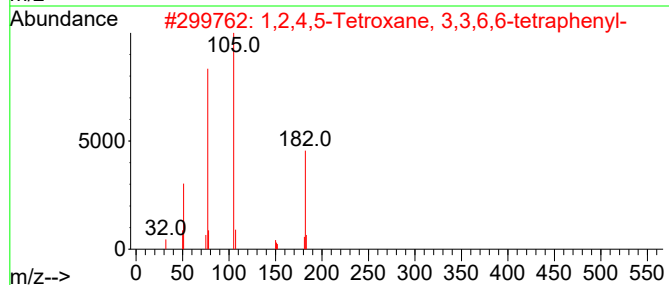
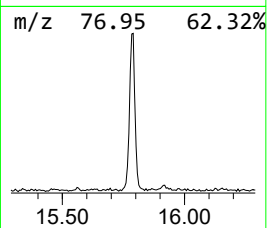
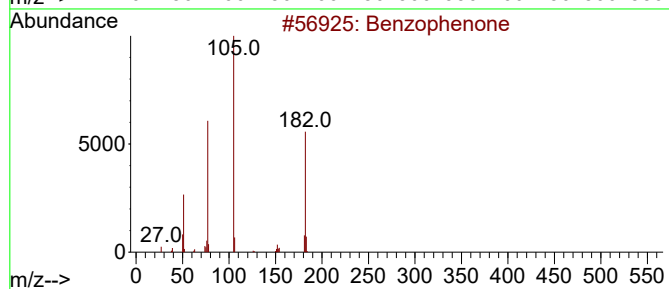
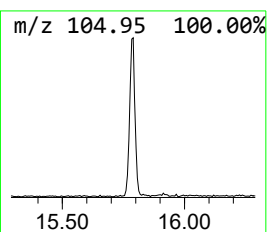
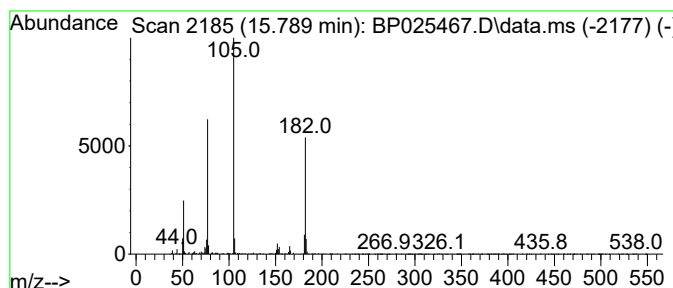
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.790	2.58 ng	234709	Acenaphthene-d10	14.407

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	56
4			Isovanillic acid, 0-methoxycarbo...	226	C10H10O6	1000487-72-5	43
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

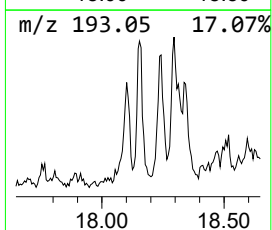
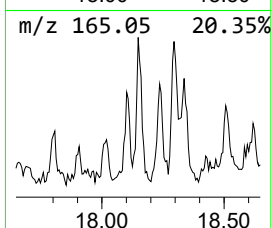
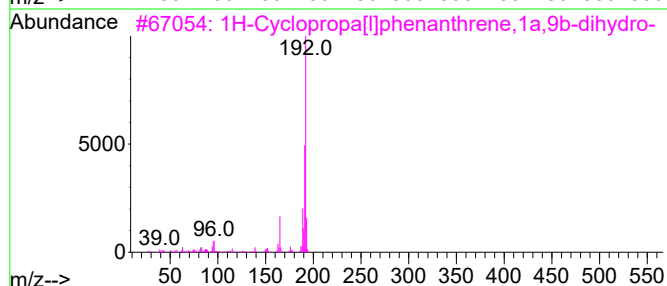
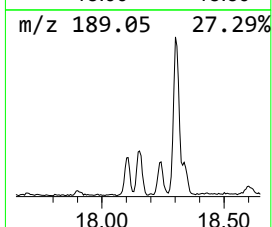
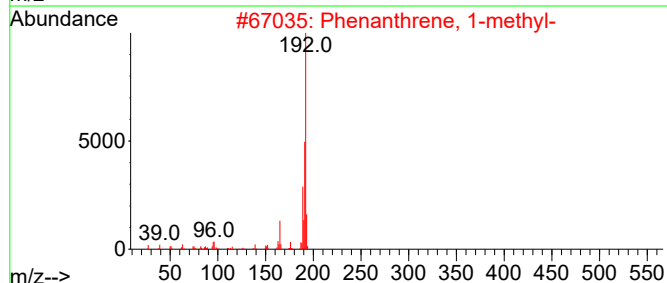
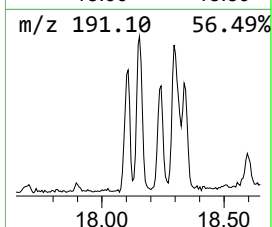
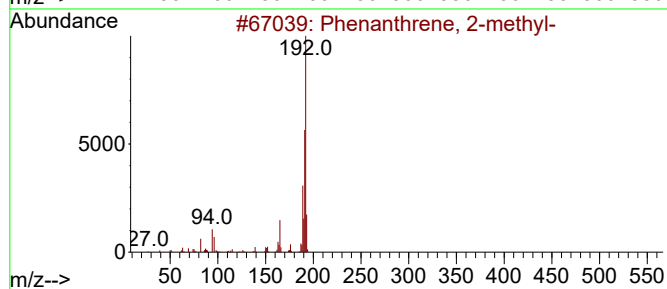
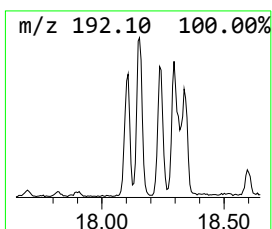
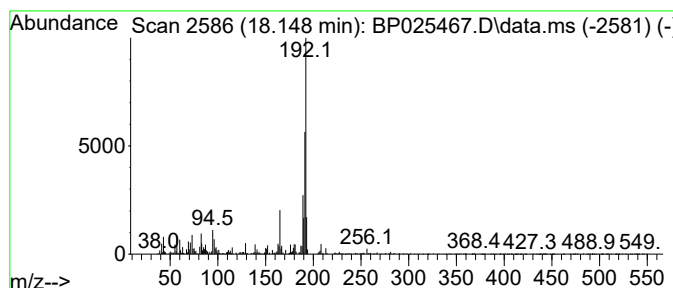
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	3.14 ng	335665	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

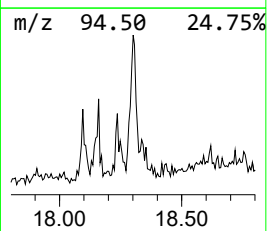
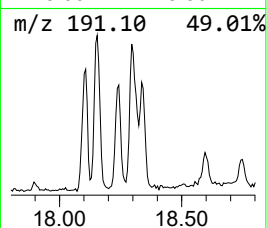
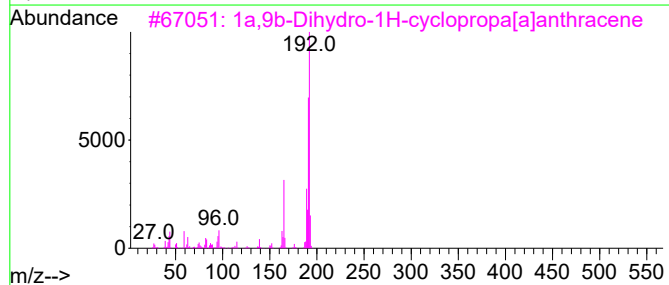
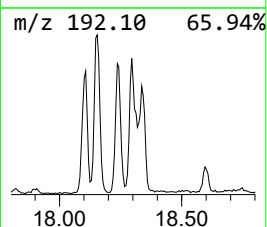
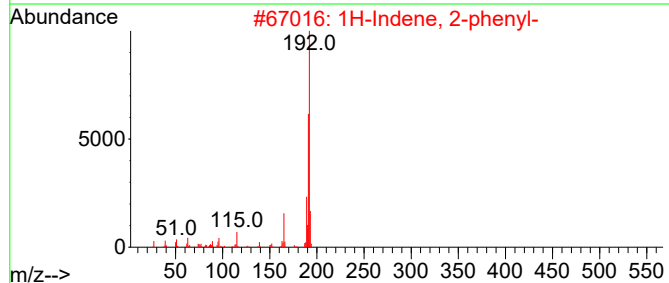
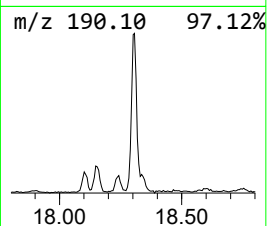
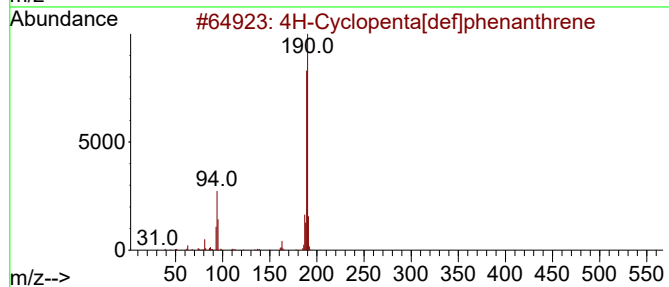
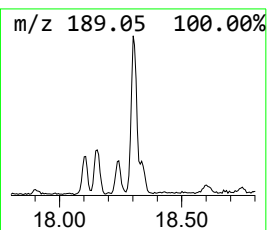
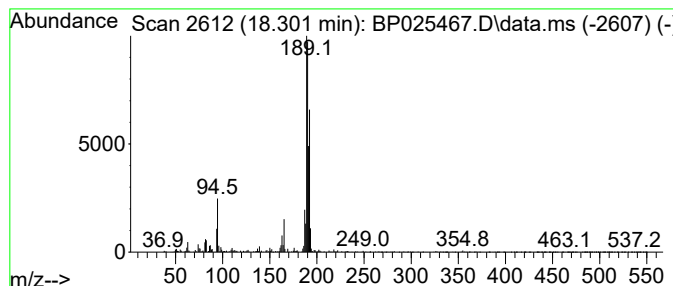
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	3.48 ng	372177	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

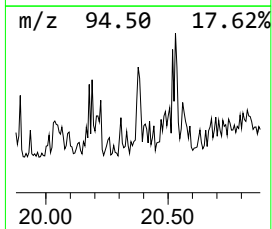
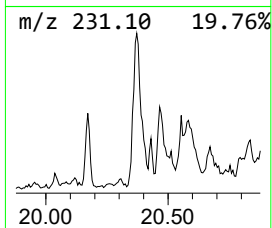
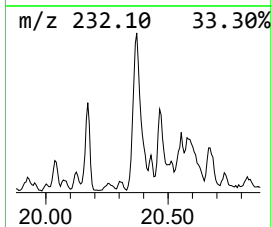
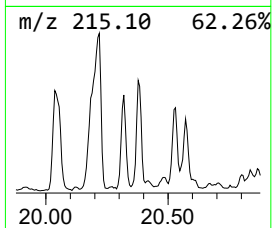
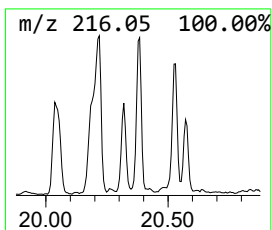
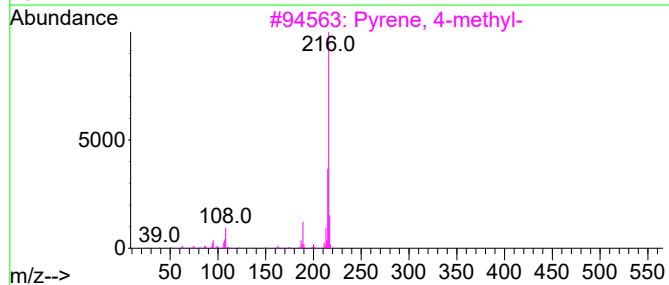
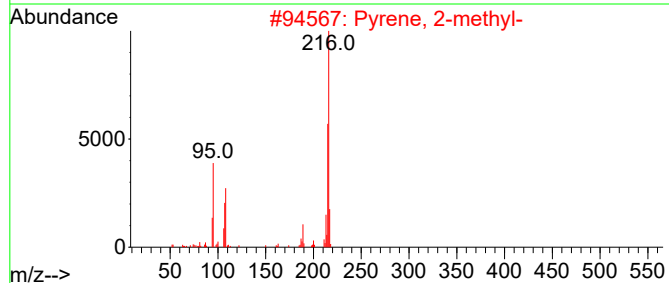
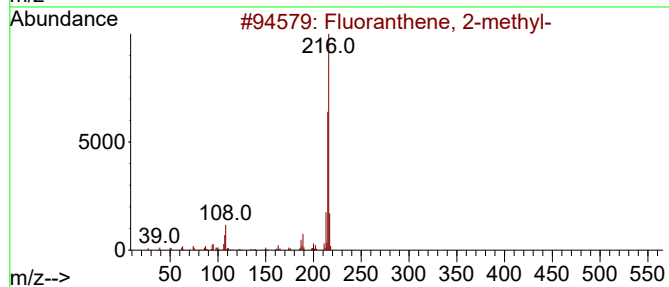
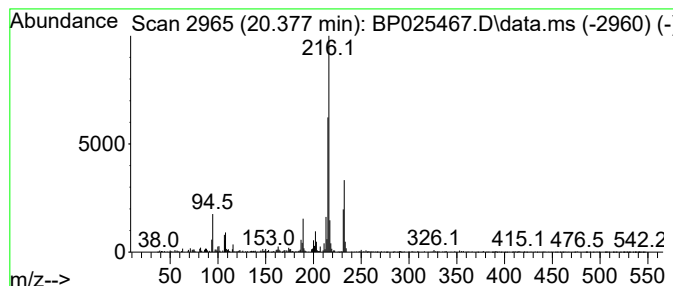
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.378	2.32 ng	619099	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

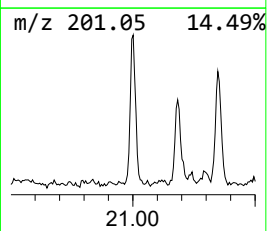
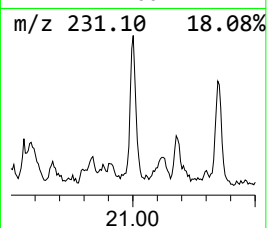
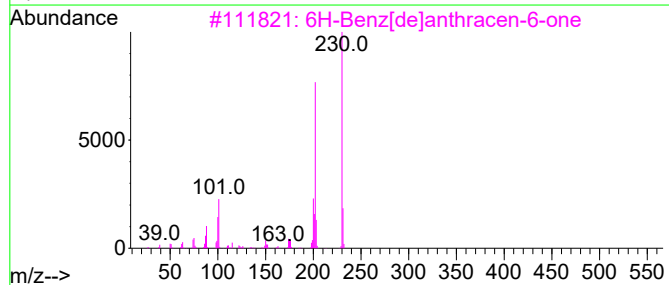
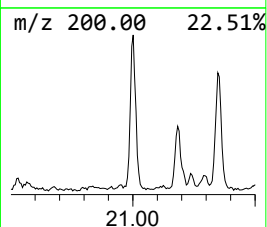
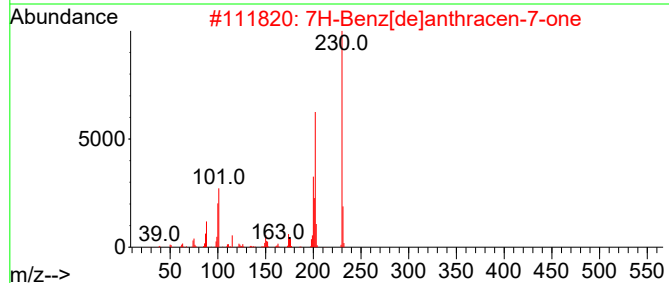
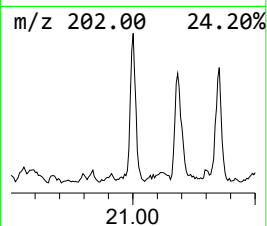
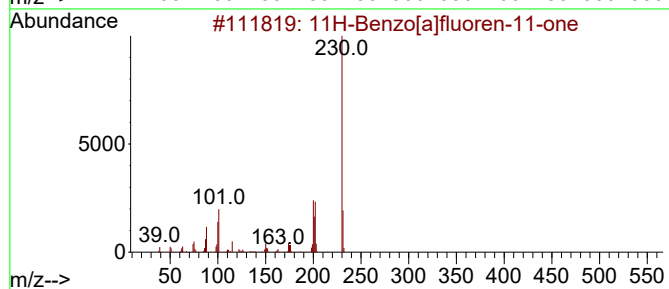
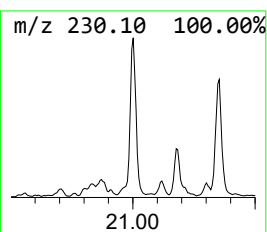
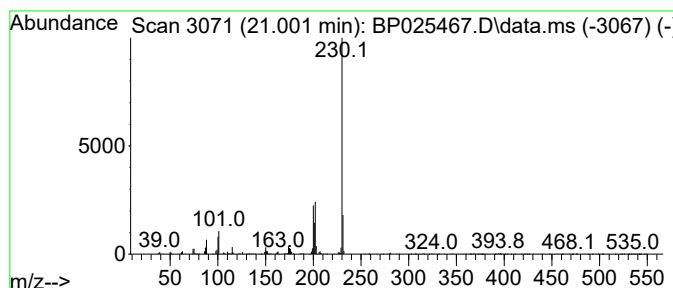
Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.001	2.32 ng	618018	Chrysene-d12		21.636	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one		230	C17H10O	080252-14-8	83
4	1-Pyrenecarboxaldehyde		230	C17H10O	003029-19-4	78
5	o-Terphenyl		230	C18H14	000084-15-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

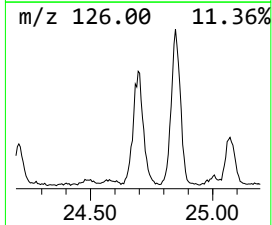
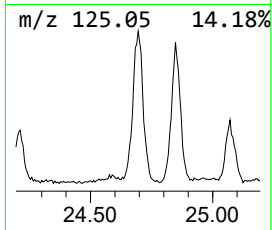
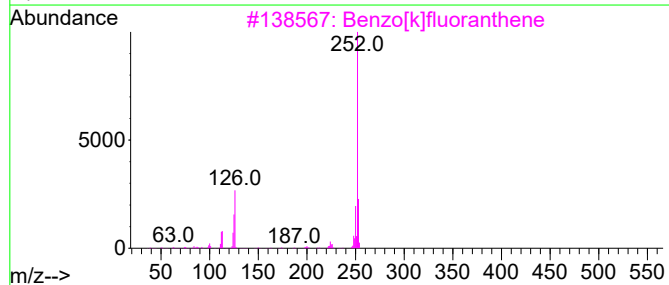
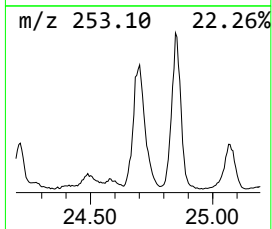
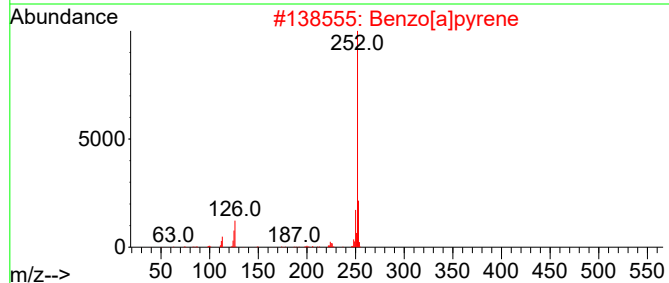
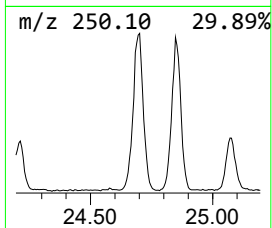
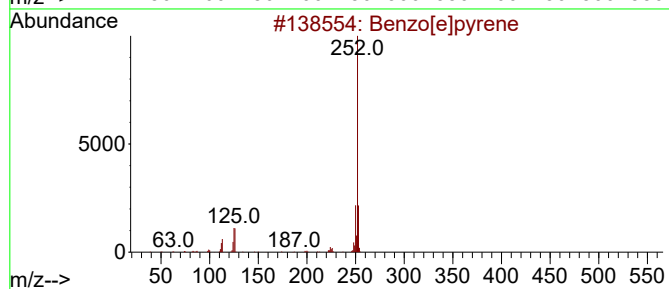
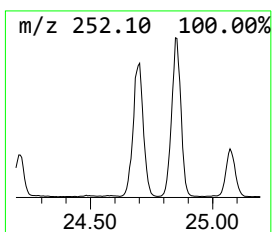
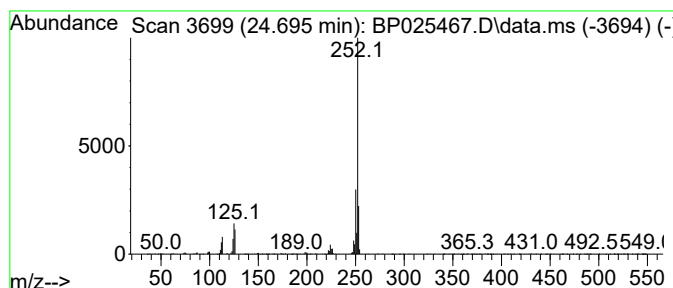
Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.695	16.73 ng	1949110	Perylene-d12	25.007	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	6.0	ng	290483	1	7.790	975215	20.0
Benzophenone	15.790	2.6	ng	234709	3	14.407	1819320	20.0
Phenanthrene, 2...	18.148	3.1	ng	335665	4	17.207	2136330	20.0
4H-Cyclopenta[d...	18.301	3.5	ng	372177	4	17.207	2136330	20.0
Fluoranthene, 2...	20.378	2.3	ng	619099	5	21.636	5333670	20.0
11H-Benzo[a]flu...	21.001	2.3	ng	618018	5	21.636	5333670	20.0
Benzo[e]pyrene	24.695	16.7	ng	1949110	6	25.007	2330590	20.0

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025468.D	5	08/13/25 09:05	08/18/25 19:39	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	840	U	840	1800	ug/Kg
108-95-2	Phenol	120	U	120	910	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	910	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	910	ug/Kg
95-48-7	2-Methylphenol	160	U	160	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	910	ug/Kg
98-86-2	Acetophenone	160	U	160	910	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	430	ug/Kg
67-72-1	Hexachloroethane	94.4	U	94.4	910	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	910	ug/Kg
78-59-1	Isophorone	180	U	180	910	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	910	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	910	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	910	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	910	ug/Kg
91-20-3	Naphthalene	120	U	120	910	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	910	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	910	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	910	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	910	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	910	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	910	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	910	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	910	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	910	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	910	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025468.D	5	08/13/25 09:05	08/18/25 19:39	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1900		160	910	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	910	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	910	ug/Kg
83-32-9	Acenaphthene	110	U	110	910	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	910	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	910	ug/Kg
84-66-2	Diethylphthalate	150	U	150	910	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	910	ug/Kg
86-73-7	Fluorene	140	U	140	910	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	910	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	910	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	910	ug/Kg
1912-24-9	Atrazine	180	U	180	910	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	1800	ug/Kg
85-01-8	Phenanthrene	2000		110	910	ug/Kg
120-12-7	Anthracene	2400		180	910	ug/Kg
86-74-8	Carbazole	590	J	170	910	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	910	ug/Kg
206-44-0	Fluoranthene	8300		160	910	ug/Kg
129-00-0	Pyrene	7600		190	910	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	910	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	UQ	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	5200		120	910	ug/Kg
218-01-9	Chrysene	5700		110	910	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	910	ug/Kg
117-84-0	Di-n-octyl phthalate	470	U	470	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	7500		100	910	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025468.D	5	08/13/25 09:05	08/18/25 19:39	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2800		120	910	ug/Kg
50-32-8	Benzo(a)pyrene	4000		160	910	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2500		160	910	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880	J	150	910	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700		140	910	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	910	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	910	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	910	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	95.5		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	96.0		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.7		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.8		30 (20) - 130 (109)	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.0		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	64.6		30 (10) - 130 (105)	65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	165000	7.79
1146-65-2	Naphthalene-d8	657000	10.56
15067-26-2	Acenaphthene-d10	418000	14.401
1517-22-2	Phenanthrene-d10	833000	17.195
1719-03-5	Chrysene-d12	886000	21.624
1520-96-3	Perylene-d12	1060000	24.995

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J	3.04	ug/Kg
000119-61-9	Benzophenone	460	J	15.8	ug/Kg
000613-12-7	Anthracene, 2-methyl-	600	J	18.1	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	1100	J	18.1	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	550	J	18.2	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J	18.3	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	430	J	18.6	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025468.D	5	08/13/25 09:05	08/18/25 19:39	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000084-65-1	9,10-Anthracenedione	480	J		18.7	ug/Kg
001576-67-6	Phenanthrene, 3,6-dimethyl-	390	J		18.9	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	1100	J		19.1	ug/Kg
000483-87-4	Phenanthrene, 1,7-dimethyl-	670	J		19.1	ug/Kg
005737-13-3	Cyclopenta(def)phenanthrenone	1000	J		19.2	ug/Kg
002381-21-7	Pyrene, 1-methyl-	590	J		20.0	ug/Kg
003353-12-6	Pyrene, 4-methyl-	510	J		20.4	ug/Kg
000082-05-3	7H-Benz[de]anthracen-7-one	570	J		21.0	ug/Kg
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	530	J		21.2	ug/Kg
027208-37-3	Cyclopenta[cd]pyrene	520	J		21.3	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	460	J		21.4	ug/Kg
002541-69-7	Benz[a]anthracene, 7-methyl-	390	J		22.4	ug/Kg
000192-97-2	Benzo[e]pyrene	4800	J		24.7	ug/Kg

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_P\Data\BP081825\
 Data File : BP025468.D
 Acq On : 18 Aug 2025 19:39
 Operator : CG/JU
 Sample : Q2832-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S04

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

Quant Time: Aug 19 01:09:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	164690	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	657475	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	417913	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	832801	20.000	ng	0.00
76) Chrysene-d12	21.624	240	885684	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1055308	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	189368	19.095	ng	0.00
7) Phenol-d6	6.966	99	244099	19.199	ng	0.00
23) Nitrobenzene-d5	8.925	82	157759	12.138	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	105717	18.794	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	389890	12.750	ng	0.00
79) Terphenyl-d14	19.919	244	625886	12.929	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.119	152	406656	10.401	ng	99
71) Phenanthrene	17.236	178	516366	11.287	ng	100
72) Anthracene	17.331	178	627288	13.427	ng	100
73) Carbazole	17.607	167	145506	3.307	ng	99
75) Fluoranthene	19.319	202	2533157	46.420	ng	99
78) Pyrene	19.695	202	2459371	42.722	ng	100
81) Benzo(a)anthracene	21.607	228	1711450	29.300	ng	96
83) Chrysene	21.677	228	1756967	32.119	ng	97
87) Indeno(1,2,3-cd)pyrene	28.836	276	1070327	13.830	ng	# 89
88) Benzo(b)fluoranthene	23.948	252	2596346	41.723	ng	99
89) Benzo(k)fluoranthene	24.007	252	974426m	15.648	ng	
90) Benzo(a)pyrene	24.848	252	1365210	22.538	ng	98
91) Dibenzo(a,h)anthracene	28.895	278	312826	4.946	ng	94
92) Benzo(g,h,i)perylene	30.000	276	944424	15.191	ng	99

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

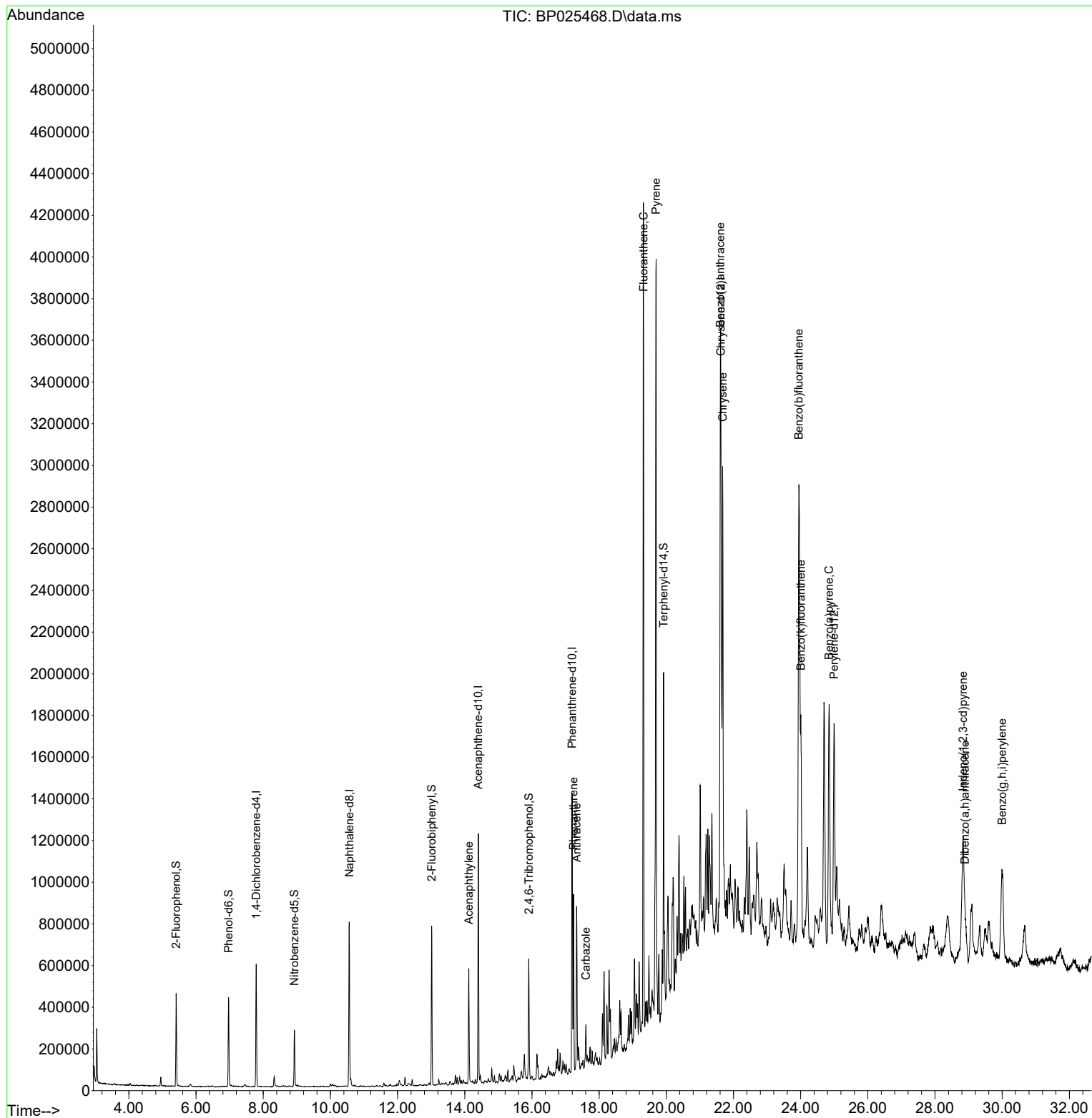
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Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

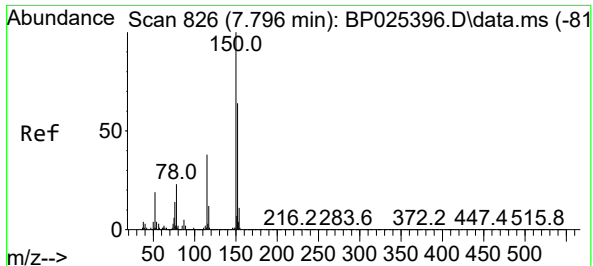
Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Time: Aug 19 01:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

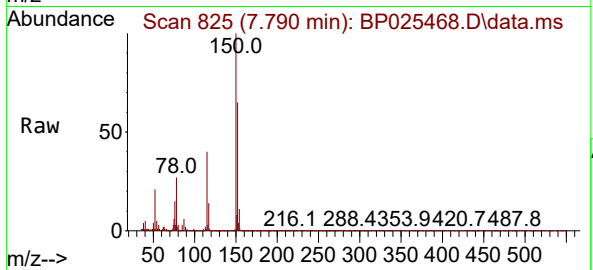
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

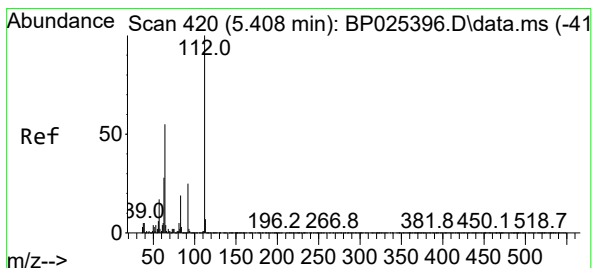
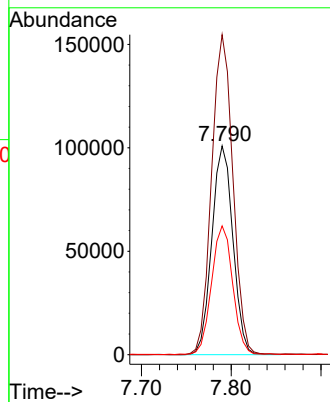
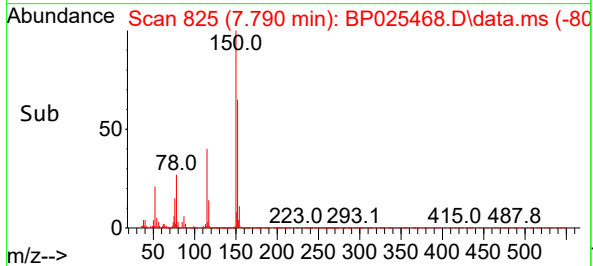
Instrument :
BNA_P
ClientSampleId :
TG-S04



Tgt Ion:152 Resp: 164690
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 61.7 48.5 72.7

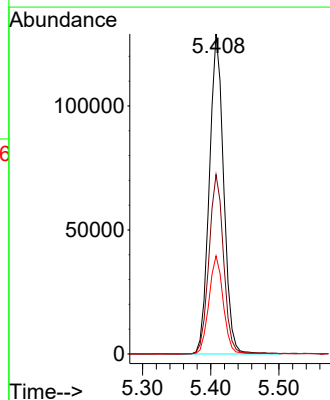
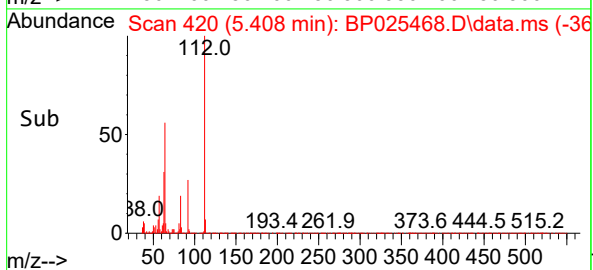
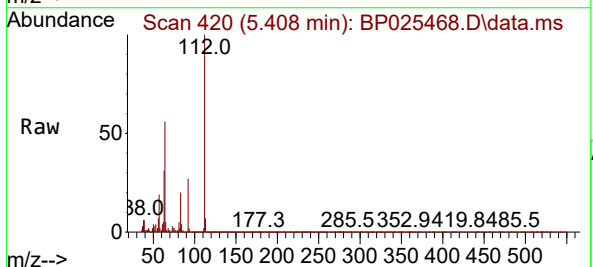
Manual Integrations
APPROVED

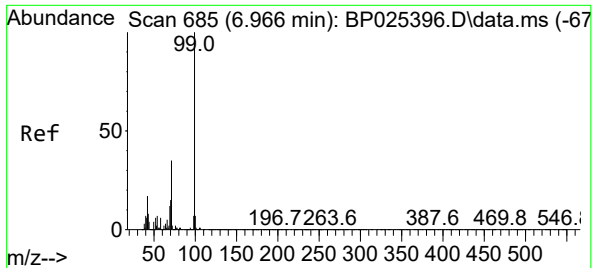
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#5
2-Fluorophenol
Concen: 19.095 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

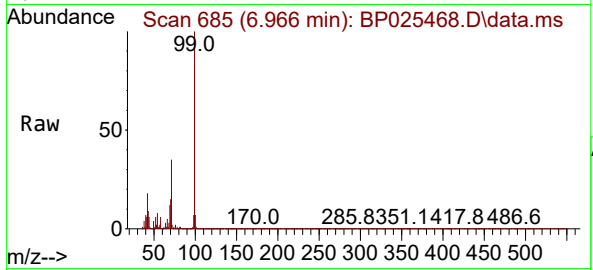
Tgt Ion:112 Resp: 189368
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.6 22.7 34.1





#7
Phenol-d6
Concen: 19.199 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

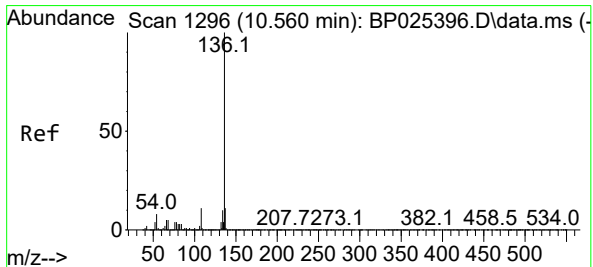
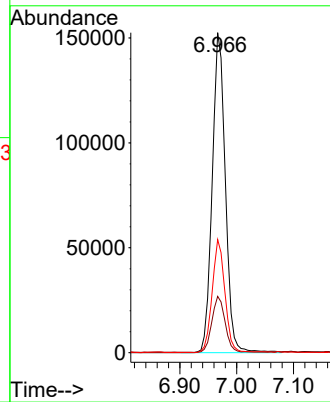
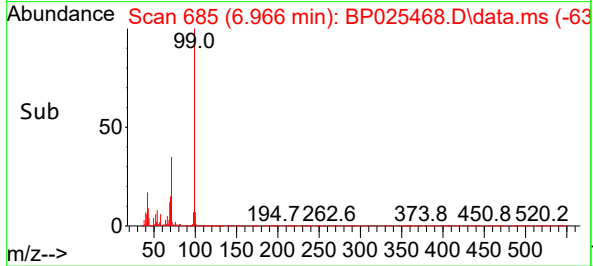
Instrument :
BNA_P
ClientSampleId :
TG-S04



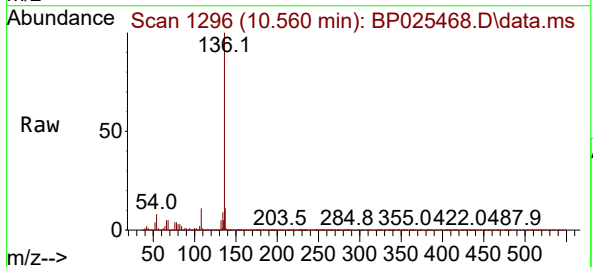
Tgt Ion: 99 Resp: 244099
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 35.3 28.2 42.4

Manual Integrations
APPROVED

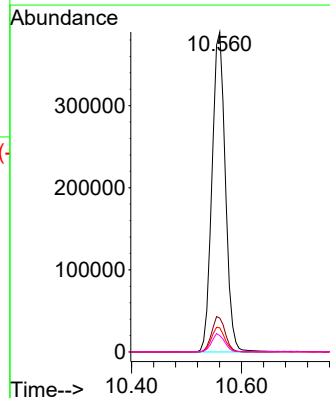
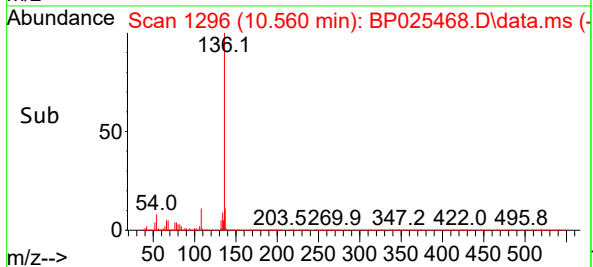
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

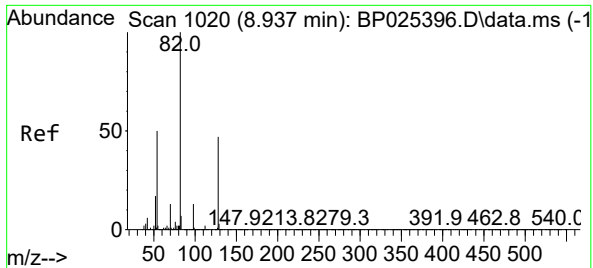


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39



Tgt Ion:136 Resp: 657475
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.6 6.0 9.0
68 5.1 4.3 6.5





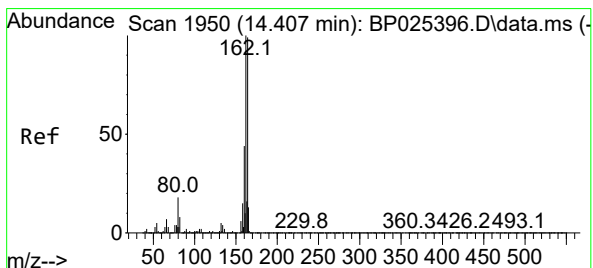
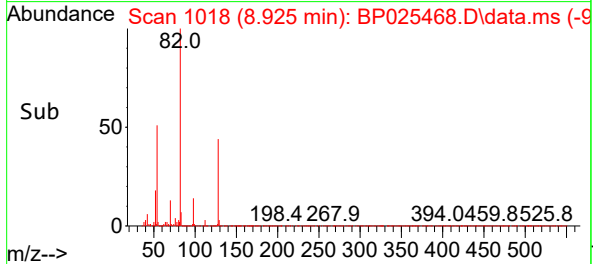
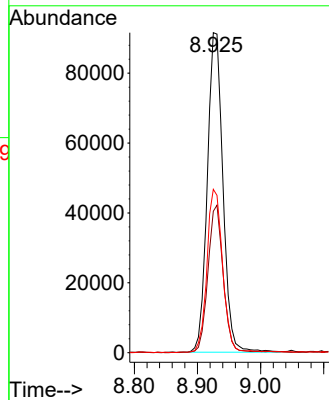
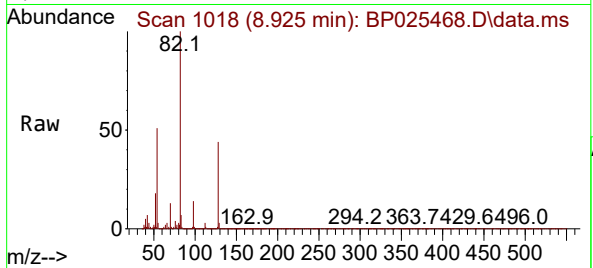
#23
Nitrobenzene-d5
Concen: 12.138 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion: 82 Resp: 15775
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 51.1 39.8 59.6

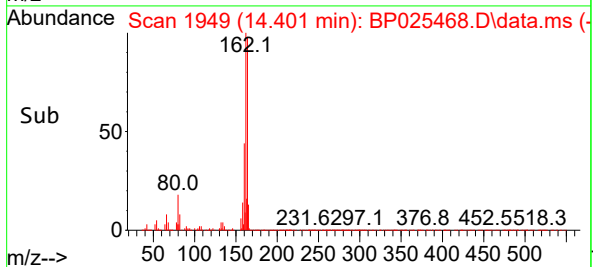
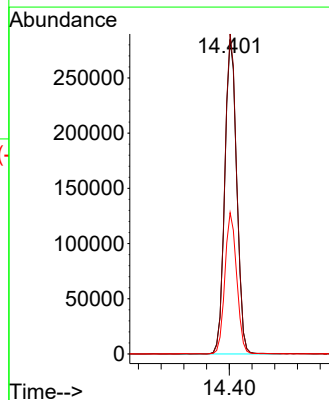
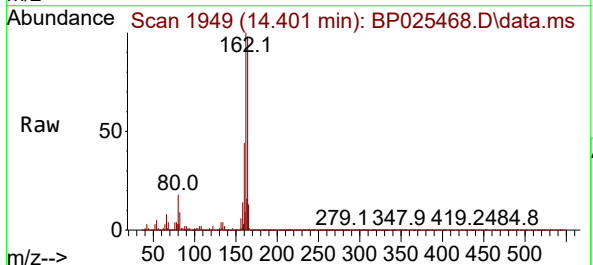
Manual Integrations
APPROVED

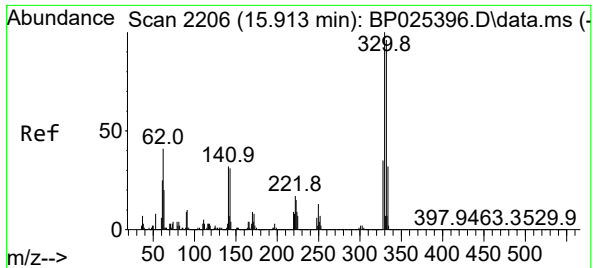
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

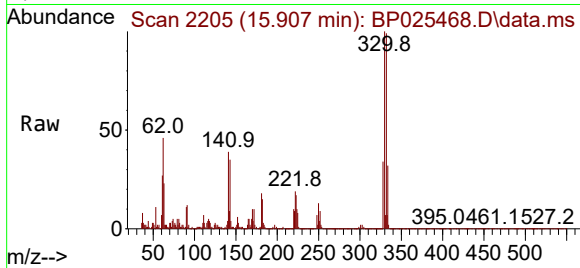
Tgt Ion:164 Resp: 417913
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 44.9 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 18.794 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

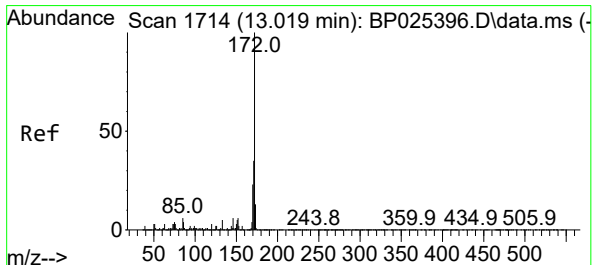
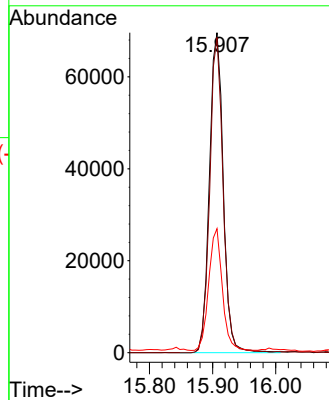
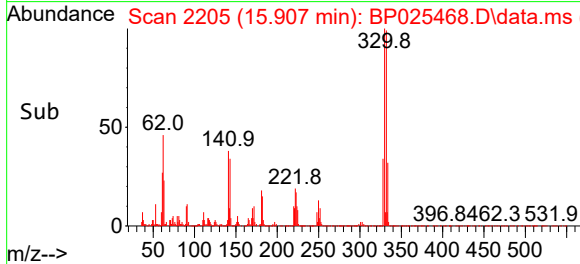
Instrument :
BNA_P
ClientSampleId :
TG-S04



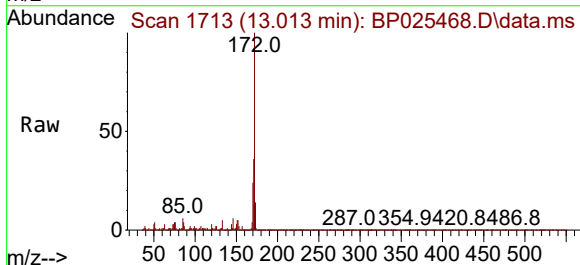
Tgt Ion: 330 Resp: 10571
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 37.9 26.6 39.8

Manual Integrations
APPROVED

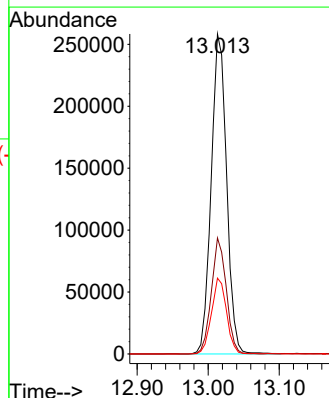
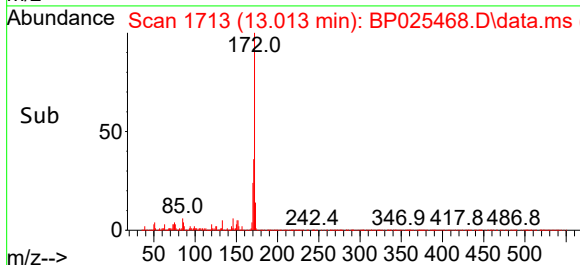
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

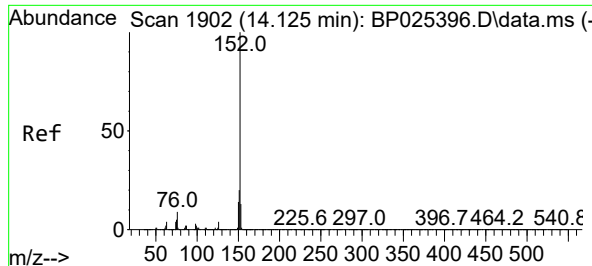


#45
2-Fluorobiphenyl
Concen: 12.750 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39



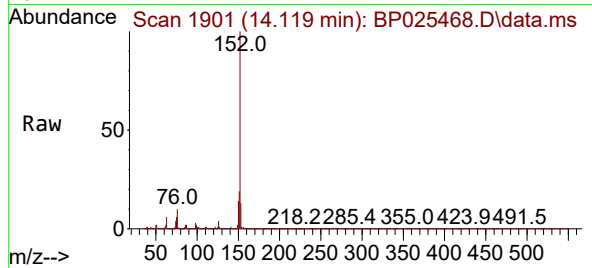
Tgt Ion: 172 Resp: 389890
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.7 18.6 28.0





#49
Acenaphthylene
Concen: 10.401 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

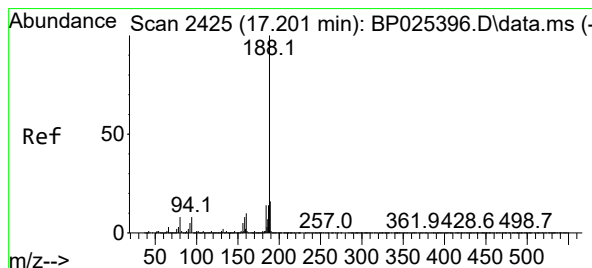
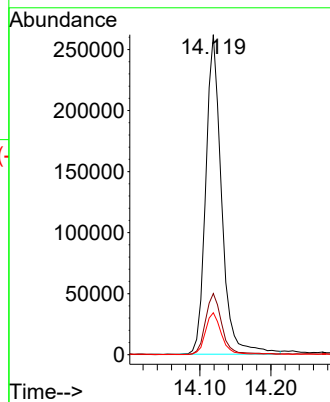
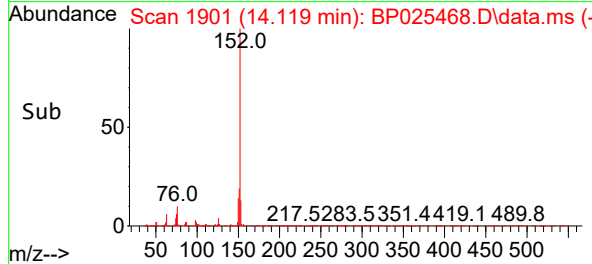
Instrument :
BNA_P
ClientSampleId :
TG-S04



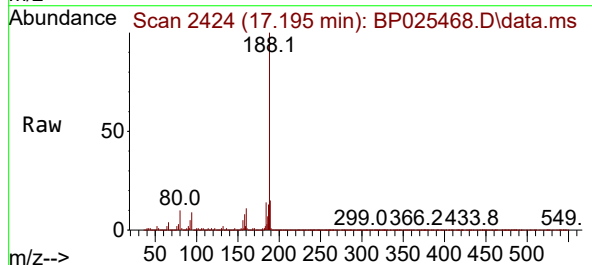
Tgt Ion:152 Resp: 406650
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 13.1 10.6 15.8

Manual Integrations
APPROVED

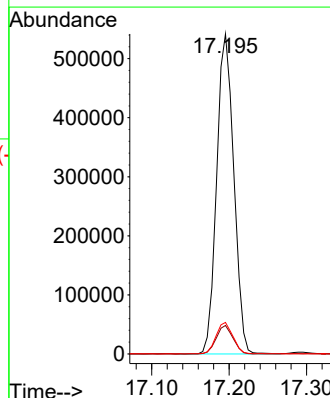
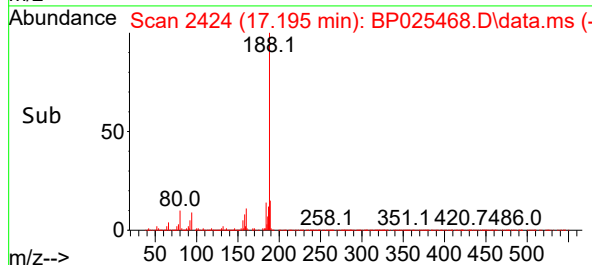
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

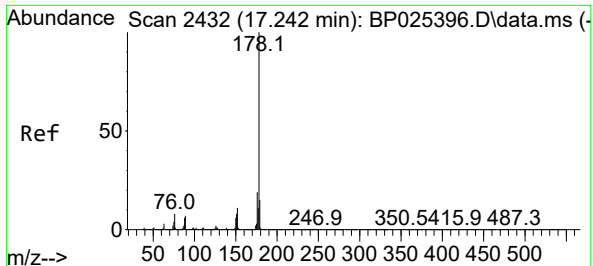


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39



Tgt Ion:188 Resp: 832801
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.9 6.7 10.1





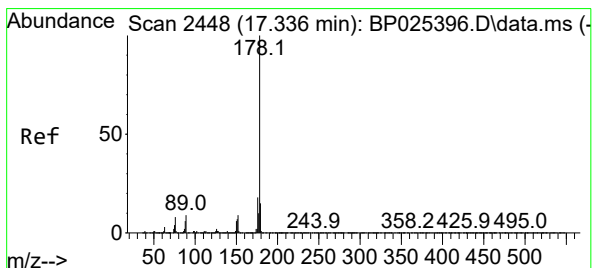
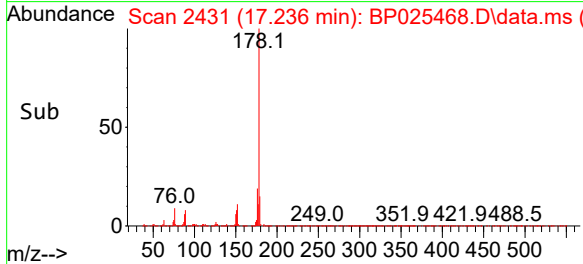
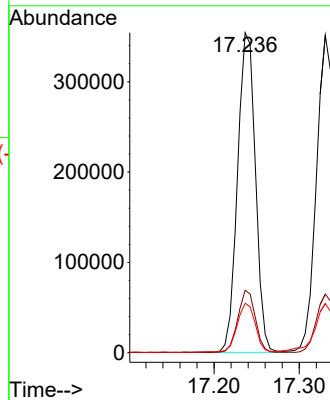
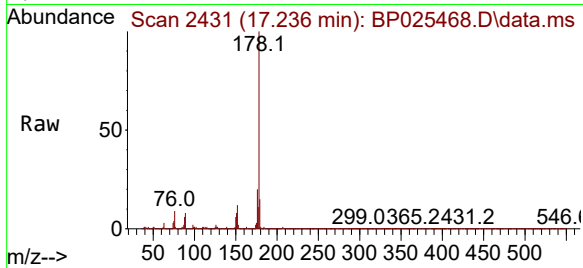
#71
Phenanthrene
Concen: 11.287 ng
RT: 17.236 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion:178 Resp: 516360
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.2 18.4

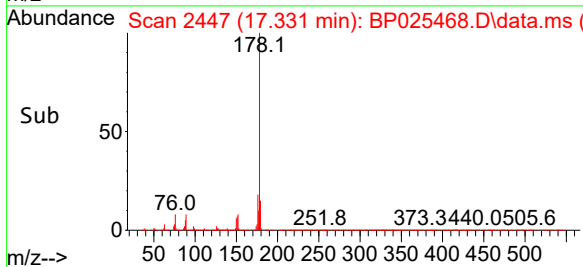
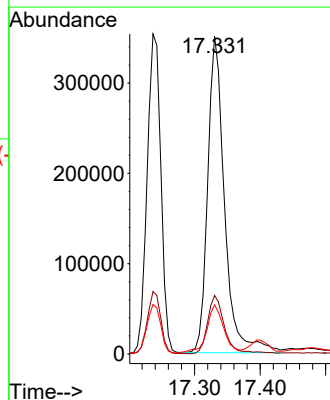
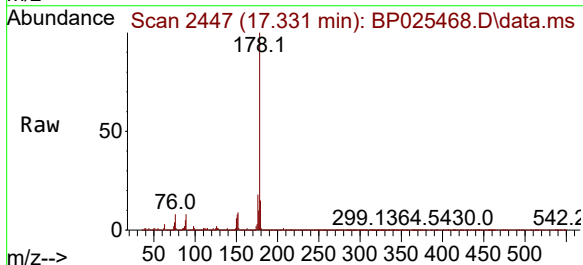
Manual Integrations
APPROVED

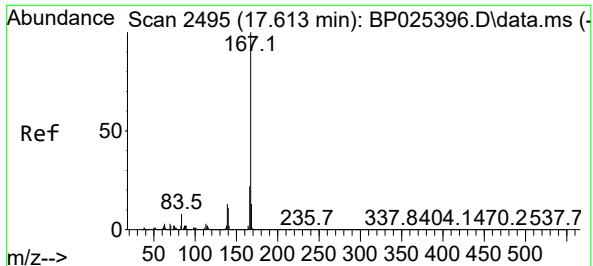
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#72
Anthracene
Concen: 13.427 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

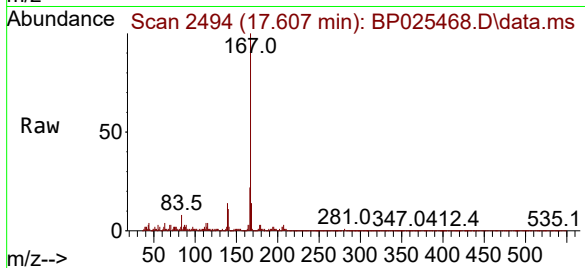
Tgt Ion:178 Resp: 627288
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 3.307 ng
 RT: 17.607 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BP025468.D
 Acq: 18 Aug 2025 19:39

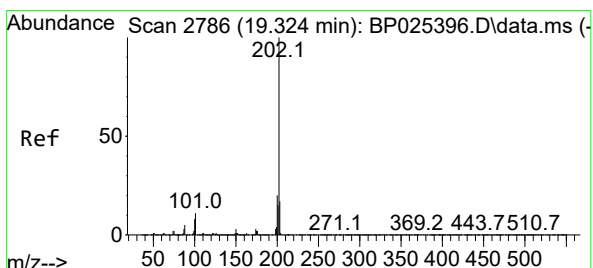
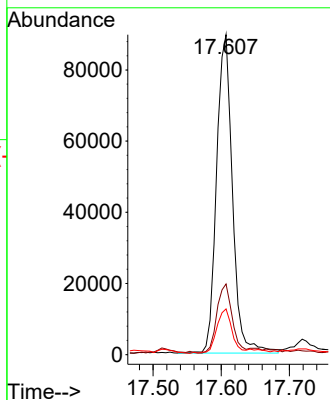
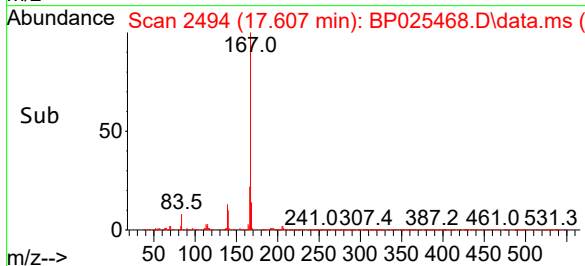
Instrument :
 BNA_P
 ClientSampleId :
 TG-S04



Tgt Ion:167 Resp: 145500
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 14.3 10.6 16.0

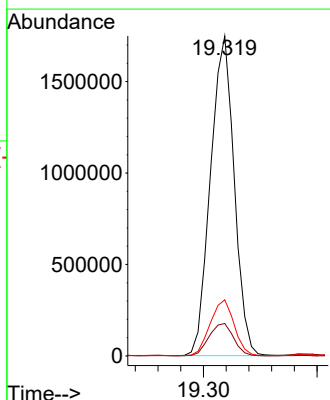
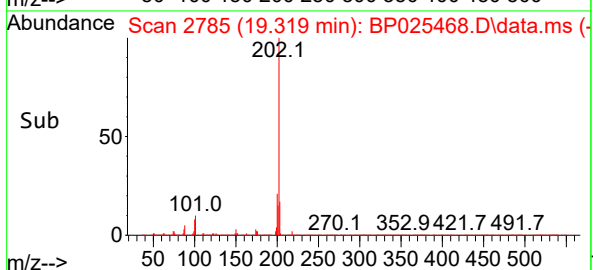
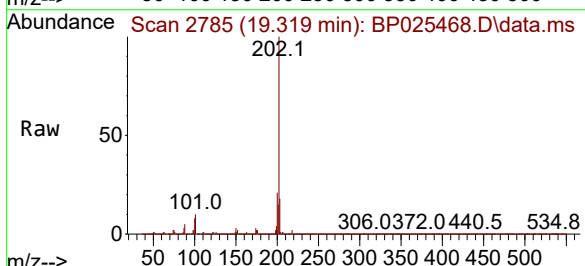
Manual Integrations
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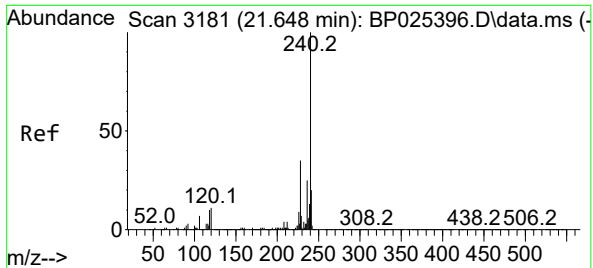
Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025



#75
 Fluoranthene
 Concen: 46.420 ng
 RT: 19.319 min Scan# 2785
 Delta R.T. -0.006 min
 Lab File: BP025468.D
 Acq: 18 Aug 2025 19:39

Tgt Ion:202 Resp: 2533157
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.1
 203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TG-S04

Tgt Ion:240 Resp: 885684

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

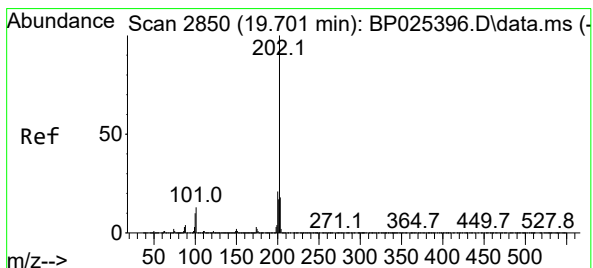
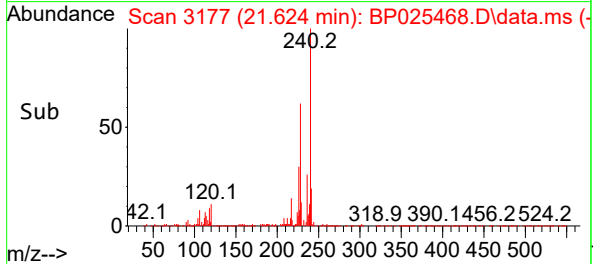
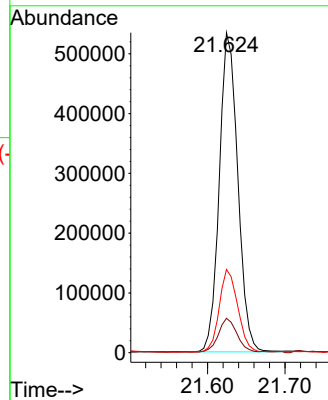
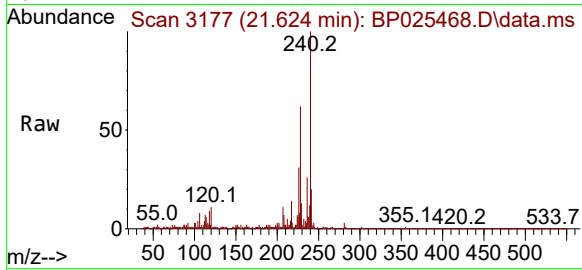
236 26.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#78

Pyrene

Concen: 42.722 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

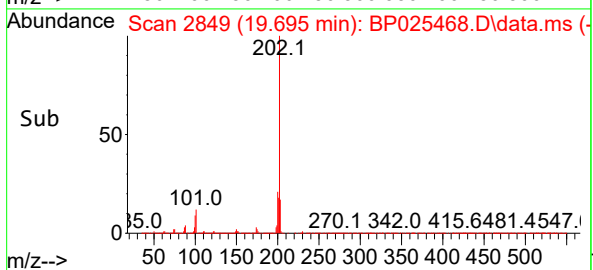
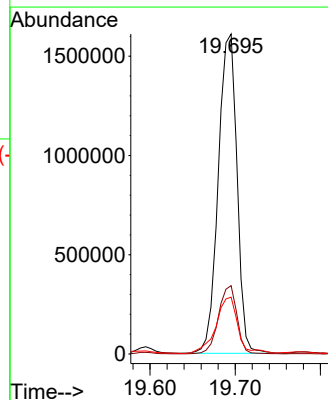
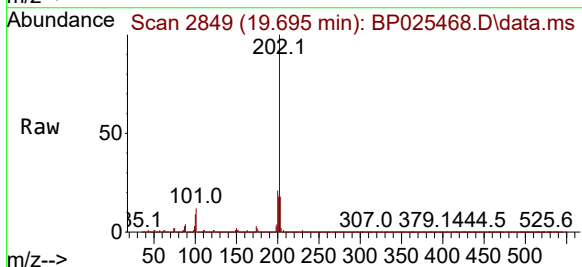
Tgt Ion:202 Resp: 2459371

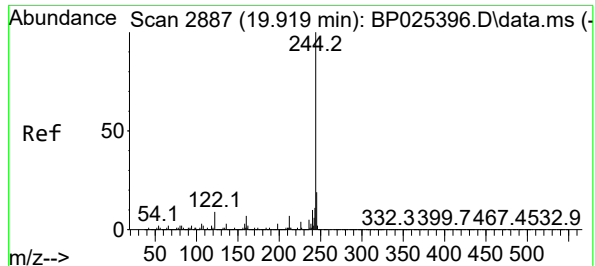
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 12.929 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TG-S04

Tgt Ion:244 Resp: 625880

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

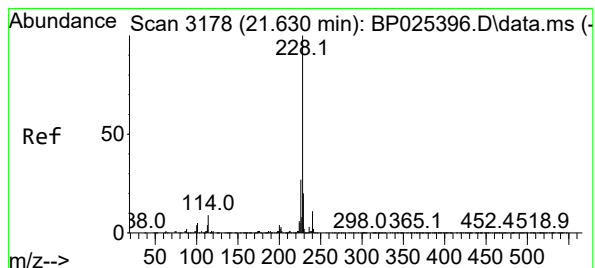
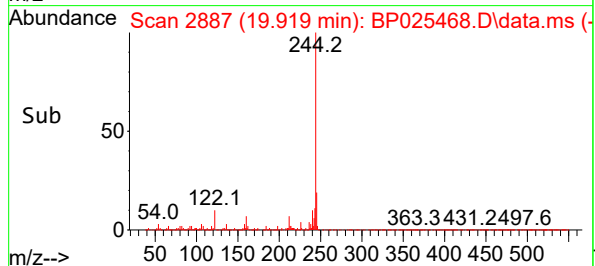
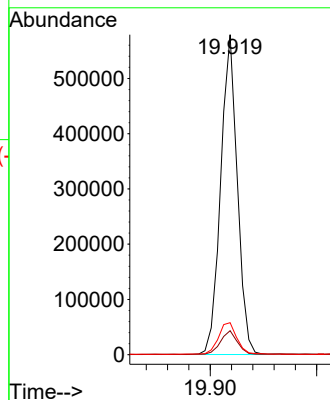
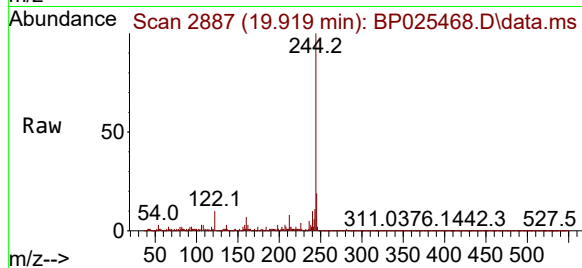
122 10.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#81

Benzo(a)anthracene

Concen: 29.300 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.023 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

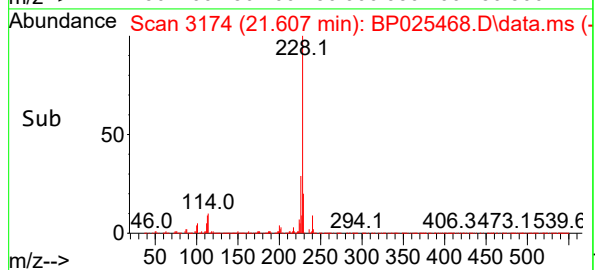
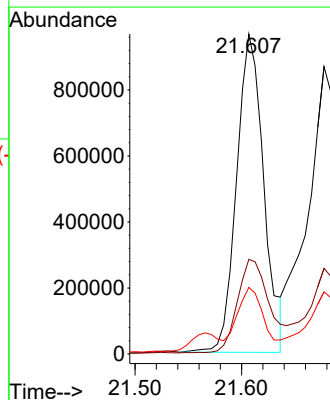
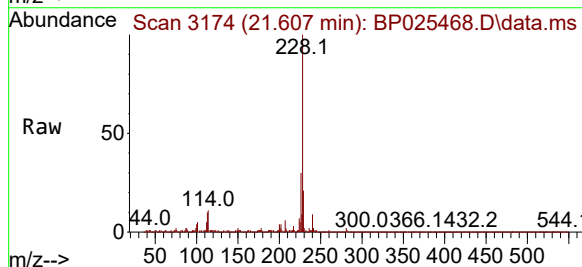
Tgt Ion:228 Resp: 1711450

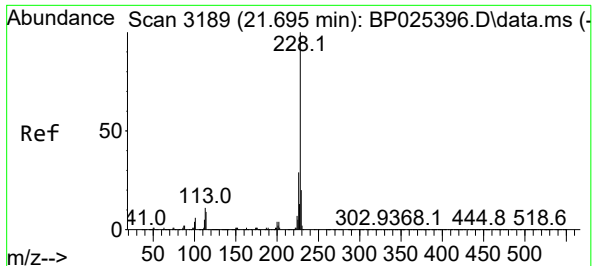
Ion Ratio Lower Upper

228 100

226 29.5 21.7 32.5

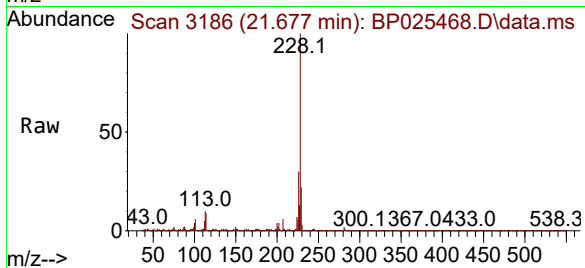
229 20.8 15.6 23.4





#83
Chrysene
Concen: 32.119 ng
RT: 21.677 min Scan# 3189
Delta R.T. -0.018 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

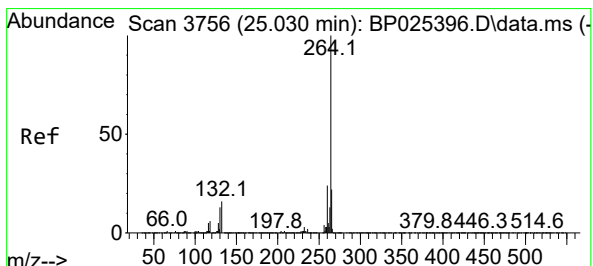
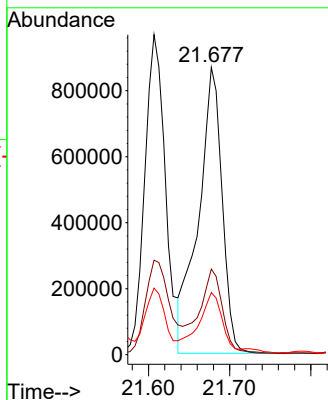
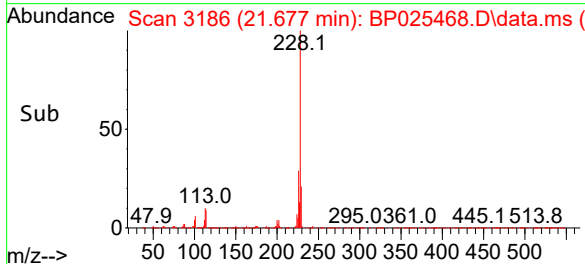
Instrument :
BNA_P
ClientSampleId :
TG-S04



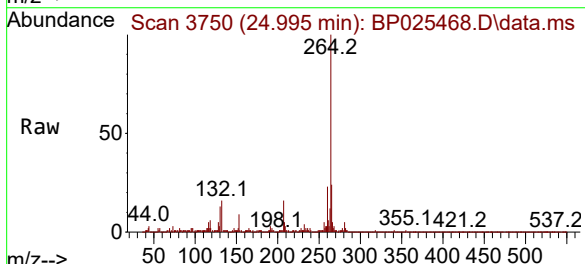
Tgt Ion:228 Resp: 175696
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 21.6 15.6 23.4

Manual Integrations
APPROVED

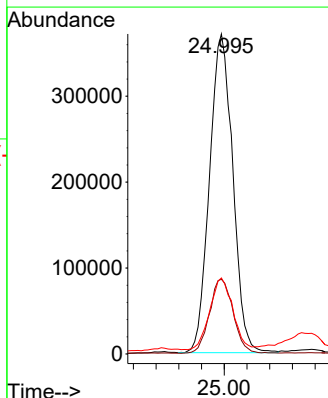
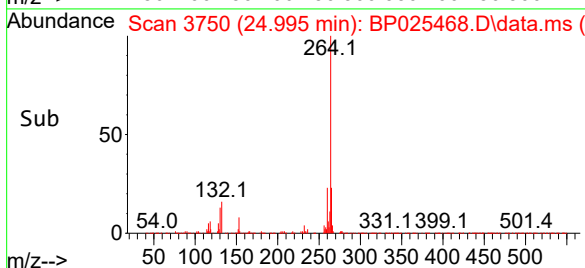
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

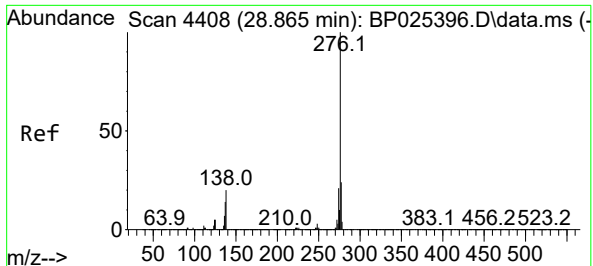


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39



Tgt Ion:264 Resp: 1055308
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 23.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.830 ng

RT: 28.836 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TG-S04

Tgt Ion:276 Resp: 107032

Ion Ratio Lower Upper

276 100

138 22.0 12.9 19.3

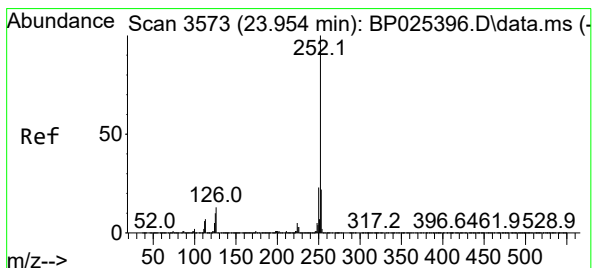
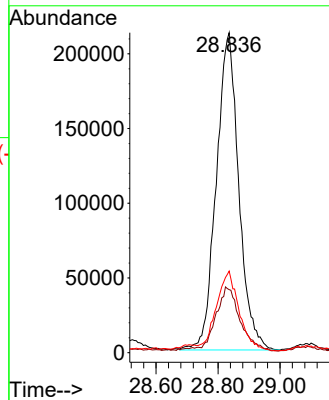
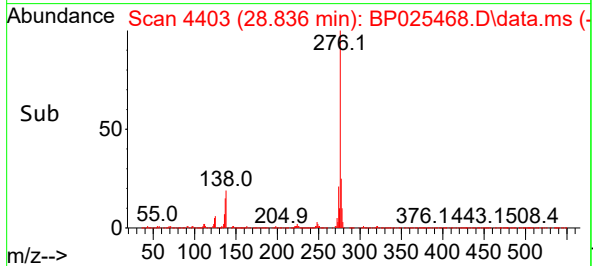
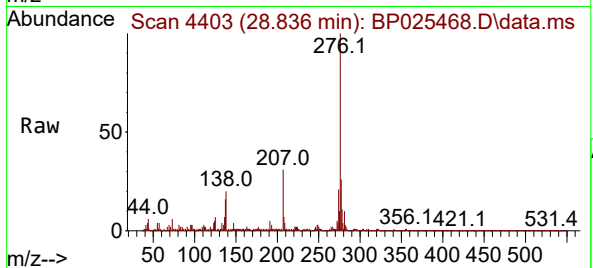
277 25.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#88

Benzo(b)fluoranthene

Concen: 41.723 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

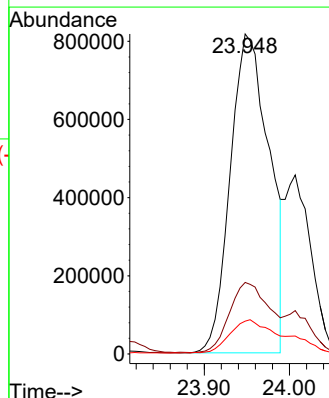
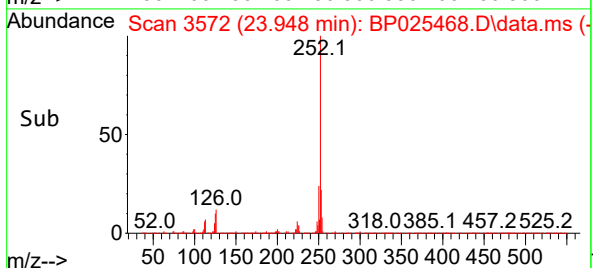
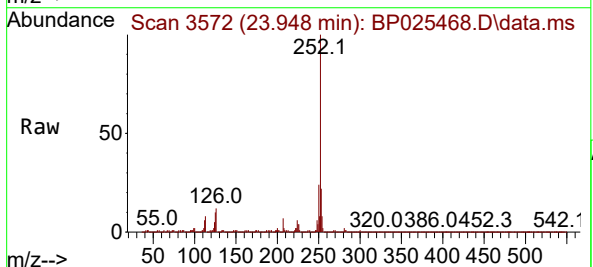
Tgt Ion:252 Resp: 2596346

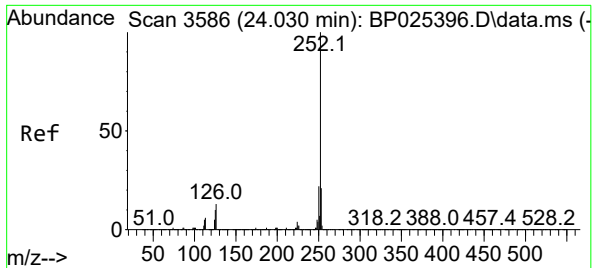
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 15.648 ng m

RT: 24.007 min Scan# 3

Delta R.T. -0.023 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

Instrument :

BNA_P

ClientSampleId :

TG-S04

Tgt Ion:252 Resp: 974420

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

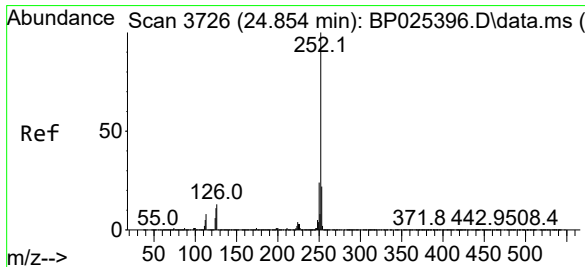
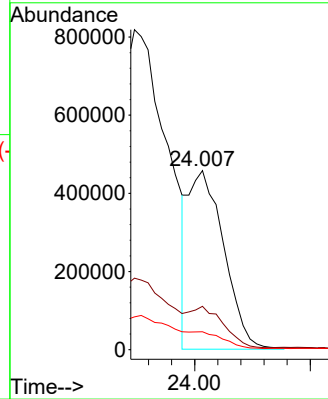
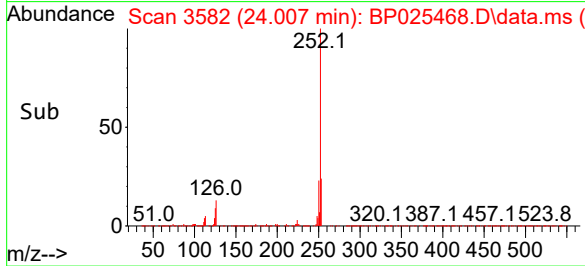
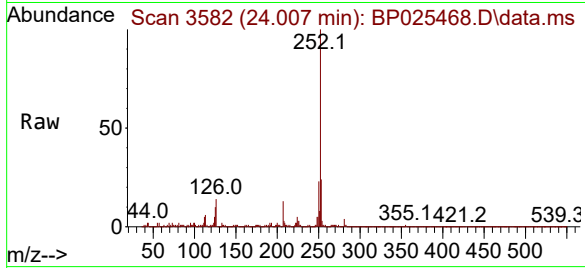
125 10.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#90

Benzo(a)pyrene

Concen: 22.538 ng

RT: 24.848 min Scan# 3725

Delta R.T. -0.006 min

Lab File: BP025468.D

Acq: 18 Aug 2025 19:39

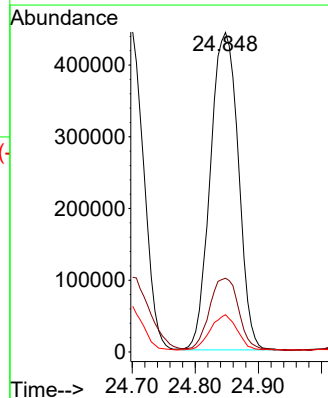
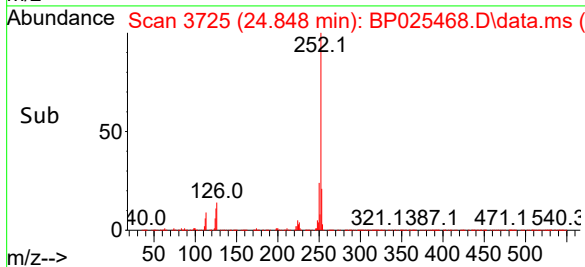
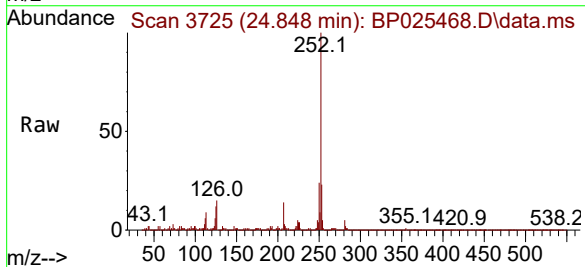
Tgt Ion:252 Resp: 1365210

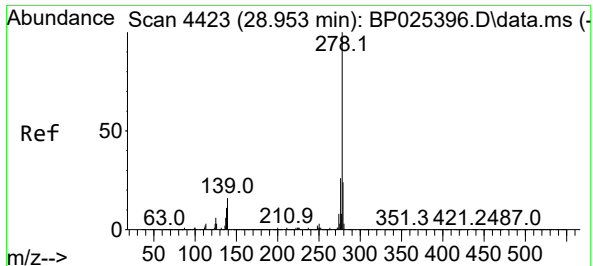
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

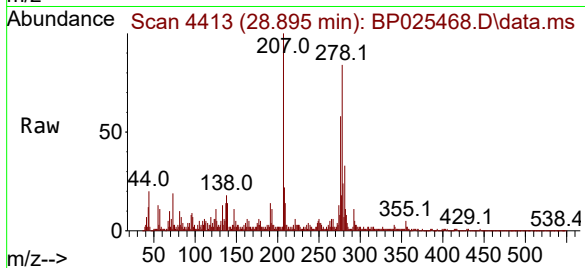
125 11.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 4.946 ng
RT: 28.895 min Scan# 4423
Delta R.T. -0.059 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39

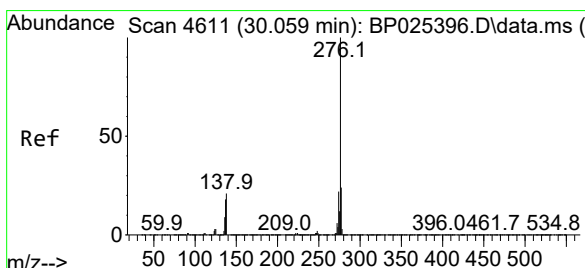
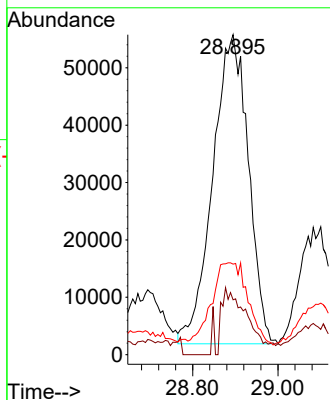
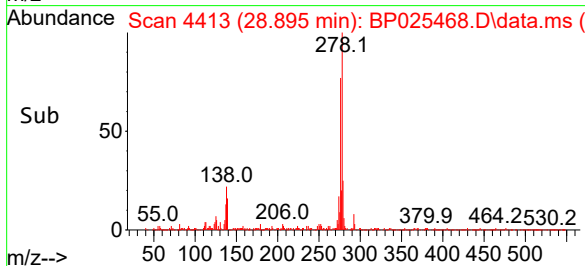
Instrument :
BNA_P
ClientSampleId :
TG-S04



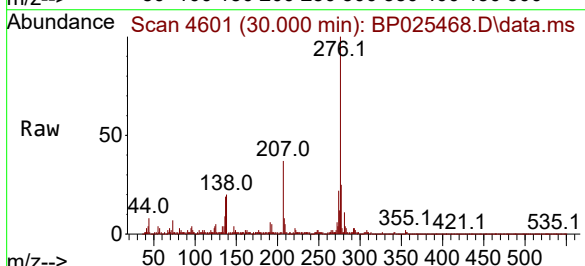
Tgt Ion: 278 Resp: 312820
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.4
279 28.3 19.4 29.2

Manual Integrations
APPROVED

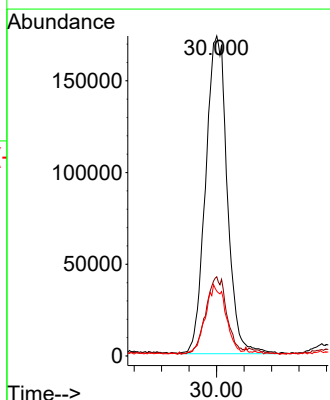
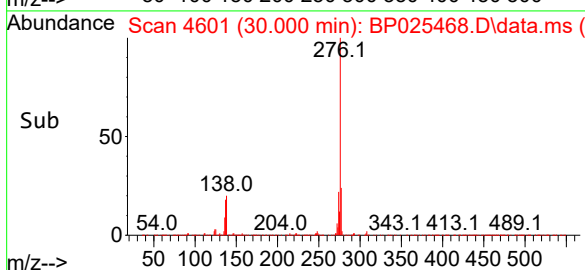
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#92
Benzo(g,h,i)perylene
Concen: 15.191 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.059 min
Lab File: BP025468.D
Acq: 18 Aug 2025 19:39



Tgt Ion: 276 Resp: 944424
Ion Ratio Lower Upper
276 100
277 24.8 19.4 29.0
138 20.3 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025468.D
 Acq On : 18 Aug 2025 19:39
 Operator : CG/JU
 Sample : Q2832-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S04

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	28	rVB	261613	366518	5.04%	0.497%
2	5.408	414	420	427	rBV	446275	651148	8.96%	0.884%
3	6.966	678	685	694	rBV	426695	686982	9.45%	0.932%
4	7.790	817	825	833	rBV	588835	961511	13.23%	1.305%
5	8.325	909	916	922	rBV2	48933	94138	1.30%	0.128%
6	8.925	1007	1018	1028	rBV	271754	474942	6.53%	0.645%
7	10.560	1287	1296	1302	rBV	791183	1378431	18.97%	1.871%
8	13.013	1707	1713	1723	rVB	763181	1126415	15.50%	1.529%
9	14.119	1894	1901	1914	rBV	552744	858841	11.82%	1.166%
10	14.401	1941	1949	1956	rBV	1196310	1793526	24.68%	2.434%
11	14.801	2012	2017	2025	rVV	63076	106215	1.46%	0.144%
12	15.031	2048	2056	2061	rBV3	42565	99619	1.37%	0.135%
13	15.284	2094	2099	2106	rVB3	53868	89661	1.23%	0.122%
14	15.460	2124	2129	2142	rVB5	79314	190494	2.62%	0.259%
15	15.684	2161	2167	2174	rBV3	37639	92907	1.28%	0.126%
16	15.772	2177	2182	2191	rVB4	116041	232675	3.20%	0.316%
17	15.907	2198	2205	2214	rVB2	578958	929474	12.79%	1.262%
18	16.148	2240	2246	2250	rBV3	121214	227473	3.13%	0.309%
19	16.489	2298	2304	2309	rBV5	36462	77161	1.06%	0.105%
20	16.725	2340	2344	2347	rBV3	50444	76575	1.05%	0.104%
21	16.766	2347	2351	2355	rVV	114627	165173	2.27%	0.224%
22	16.836	2359	2363	2372	rVB3	97110	176390	2.43%	0.239%
23	16.919	2373	2377	2382	rVV	58455	108752	1.50%	0.148%
24	17.019	2389	2394	2401	rVB2	48573	97418	1.34%	0.132%
25	17.195	2418	2424	2428	rBV	1338991	2111699	29.05%	2.866%
26	17.236	2428	2431	2437	rVV	850593	1187652	16.34%	1.612%
27	17.331	2440	2447	2453	rVV	785733	1342899	18.48%	1.823%
28	17.389	2453	2457	2464	rVB4	105602	209786	2.89%	0.285%
29	17.607	2485	2494	2498	rBV	206943	377073	5.19%	0.512%
30	17.730	2511	2515	2519	rVB3	81414	101237	1.39%	0.137%
31	17.789	2522	2525	2530	rVB3	60831	73245	1.01%	0.099%
32	18.101	2573	2578	2581	rBV	224376	352009	4.84%	0.478%
33	18.148	2581	2586	2592	rVB	417833	678679	9.34%	0.921%
34	18.230	2596	2600	2605	rVB	232549	327766	4.51%	0.445%
35	18.295	2605	2611	2615	rBV2	403583	795725	10.95%	1.080%
36	18.454	2635	2638	2642	rVB4	63976	90568	1.25%	0.123%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.507	2644	2647	2652	rVB4	52536	74300	1.02%	0.101%
38	18.613	2662	2665	2669	rBV	184013	254248	3.50%	0.345%
39	18.654	2669	2672	2679	rVB3	189695	284052	3.91%	0.386%
40	18.872	2706	2709	2713	rVB2	123718	136767	1.88%	0.186%
41	18.925	2714	2718	2721	rVV	161433	228639	3.15%	0.310%
42	18.966	2721	2725	2729	rVB	150843	202444	2.79%	0.275%
43	19.054	2734	2740	2744	rBV	382343	663590	9.13%	0.901%
44	19.107	2745	2749	2753	rVV3	197305	395094	5.44%	0.536%
45	19.142	2753	2755	2759	rVB2	146632	172361	2.37%	0.234%
46	19.189	2759	2763	2772	rBV	349504	598823	8.24%	0.813%
47	19.319	2779	2785	2792	rVB	3953916	5779034	79.51%	7.844%
48	19.383	2794	2796	2800	rVB	94566	104461	1.44%	0.142%
49	19.425	2801	2803	2807	rVB2	104649	108799	1.50%	0.148%
50	19.483	2808	2813	2816	rBV	303711	435358	5.99%	0.591%
51	19.577	2826	2829	2831	rBV	82595	104415	1.44%	0.142%
52	19.695	2839	2849	2858	rVV	3629669	6738696	92.72%	9.146%
53	19.777	2858	2863	2869	rVB2	324892	566898	7.80%	0.769%
54	19.877	2877	2880	2883	rBV	256572	350781	4.83%	0.476%
55	19.919	2883	2887	2890	rBV	1492372	1688914	23.24%	2.292%
56	20.048	2901	2909	2914	rBV4	475182	1190779	16.38%	1.616%
57	20.177	2925	2931	2933	rBV5	406905	732095	10.07%	0.994%
58	20.266	2943	2946	2951	rBV5	112802	205144	2.82%	0.278%
59	20.319	2952	2955	2959	rVV	260143	403119	5.55%	0.547%
60	20.377	2961	2965	2970	rVB2	574315	1036355	14.26%	1.407%
61	20.524	2986	2990	2993	rBV	371557	453839	6.24%	0.616%
62	20.572	2994	2998	3004	rVB2	308045	435549	5.99%	0.591%
63	21.007	3068	3072	3080	rBV	667743	1153079	15.87%	1.565%
64	21.183	3096	3102	3107	rBV2	431282	1071623	14.74%	1.454%
65	21.236	3107	3111	3115	rVV	462284	649851	8.94%	0.882%
66	21.277	3115	3118	3126	rVV2	436091	1062697	14.62%	1.442%
67	21.354	3128	3131	3139	rVB	547309	942012	12.96%	1.279%
68	21.619	3169	3176	3182	rBV2	2756581	7268014	100.00%	9.865%
69	21.677	3183	3186	3192	rVB	1935754	2910953	40.05%	3.951%
70	22.395	3305	3308	3315	rVB	504237	796941	10.97%	1.082%
71	23.948	3564	3572	3580	rBV	2026203	6672912	91.81%	9.057%
72	24.695	3693	3699	3711	rVB	1157432	3400842	46.79%	4.616%
73	24.848	3717	3725	3735	rVB	1066483	3162167	43.51%	4.292%
74	24.995	3743	3750	3758	rBV	931842	2530444	34.82%	3.435%

Sum of corrected areas: 73676866

Instrument :

BNA_P

ClientSampleId :

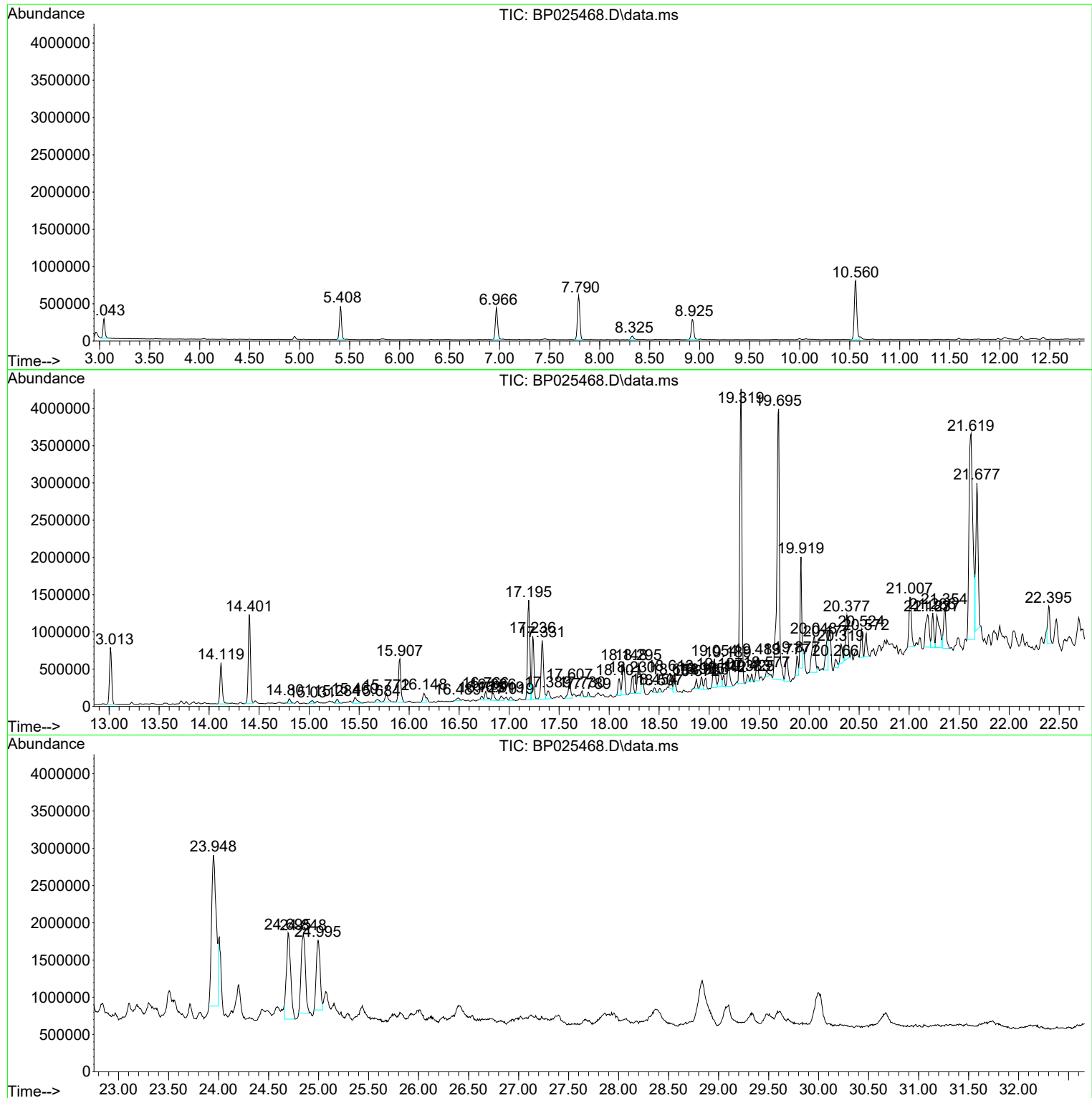
TG-S04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP081825\
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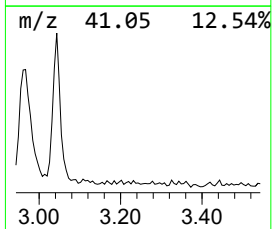
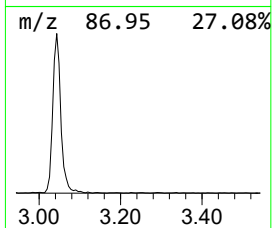
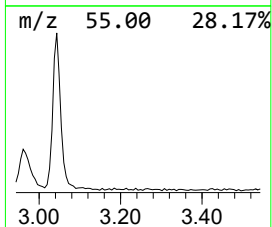
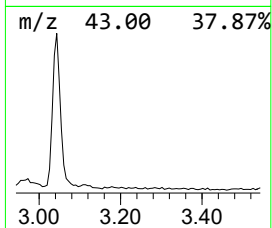
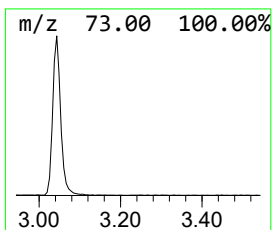
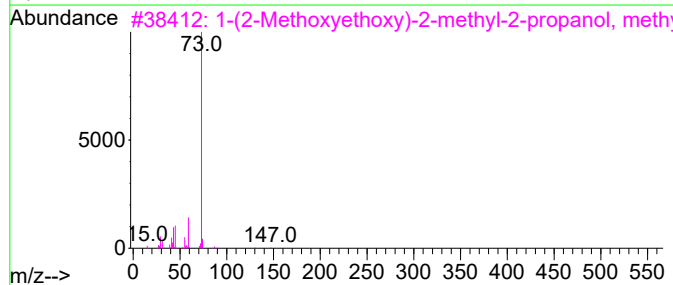
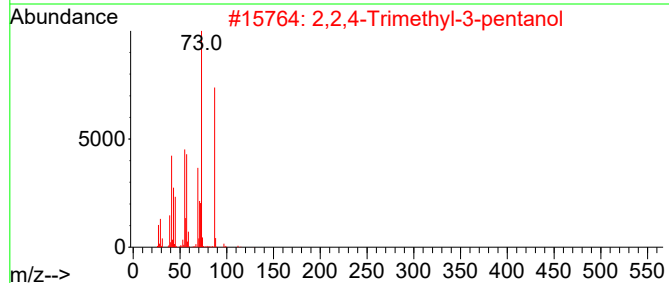
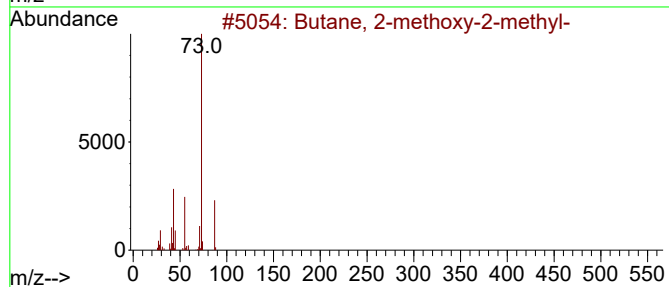
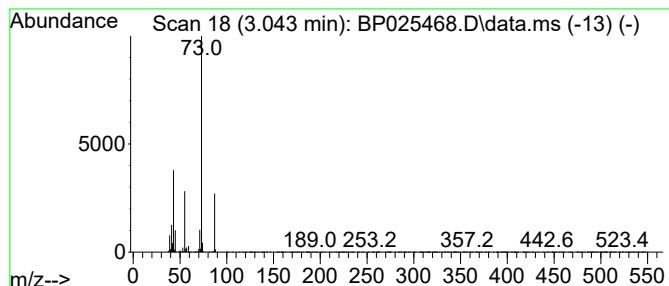
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	7.62 ng	366518	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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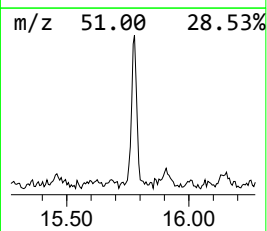
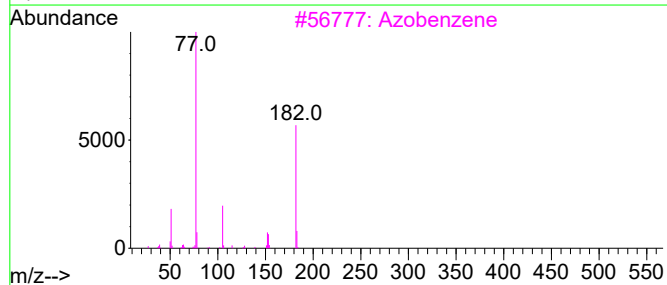
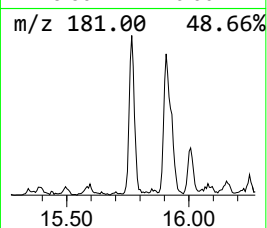
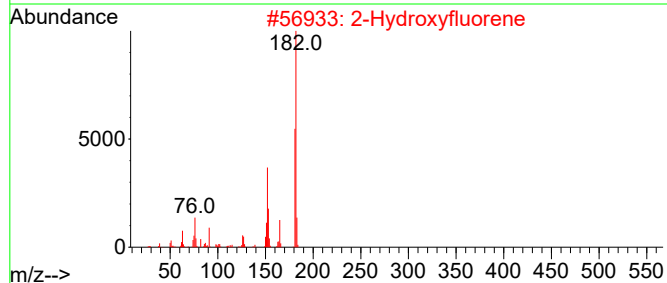
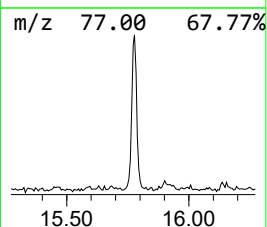
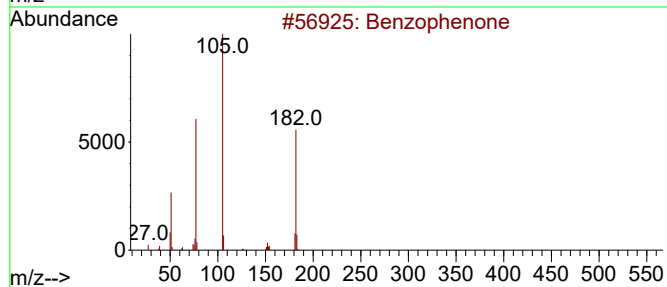
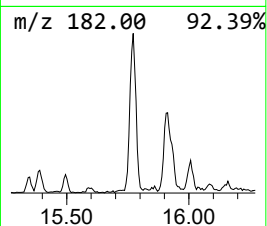
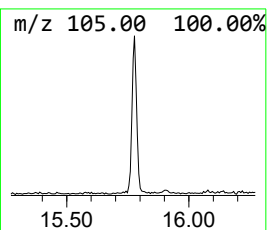
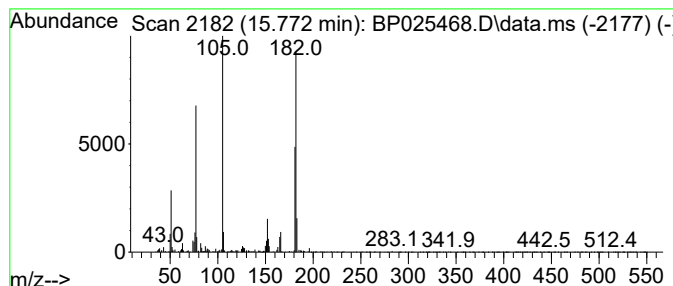
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	2.59 ng	232675	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	81
2			2-Hydroxyfluorene	182	C13H10O	002443-58-5	60
3			Azobenzene	182	C12H10N2	000103-33-3	50
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
5			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
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Operator : CG/JU
Sample : Q2832-07 5X
Misc :
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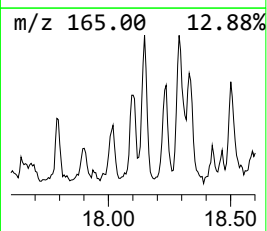
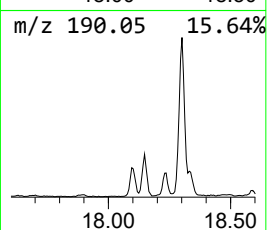
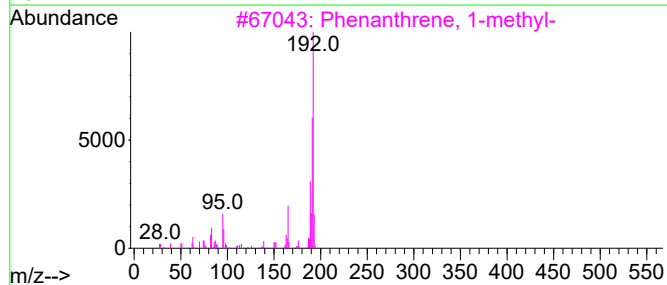
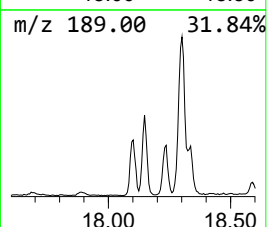
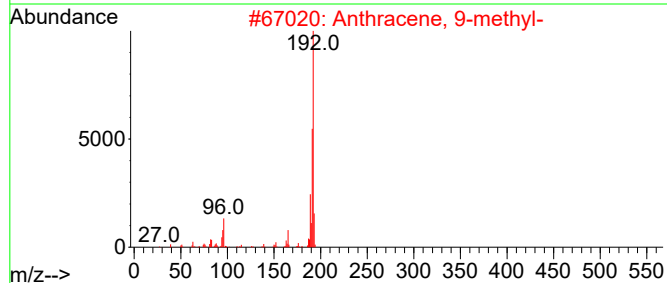
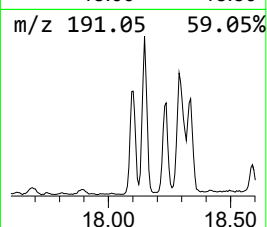
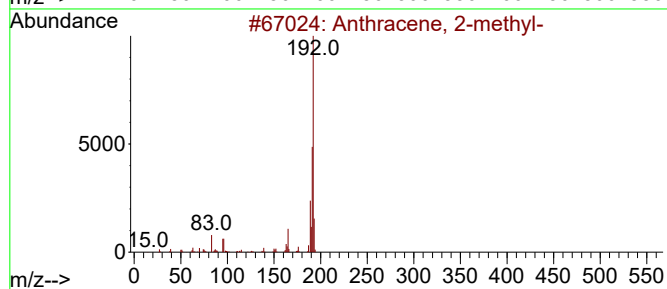
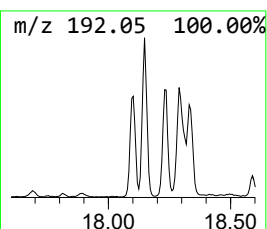
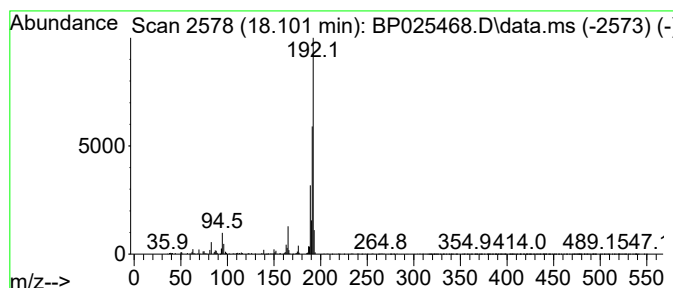
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.101	3.33 ng	352009	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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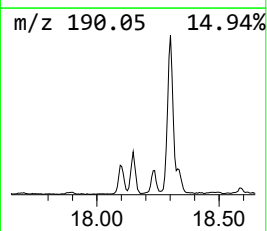
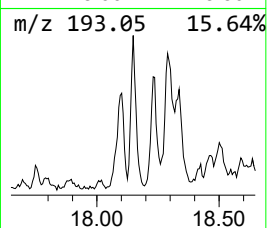
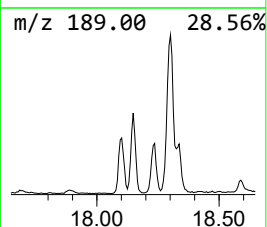
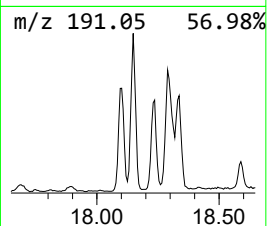
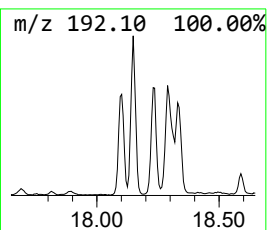
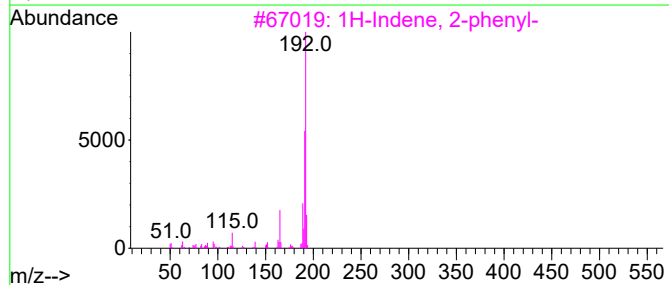
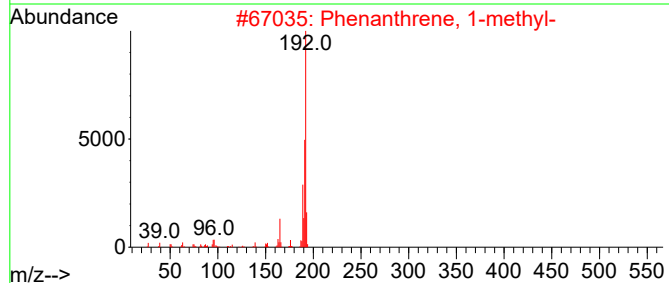
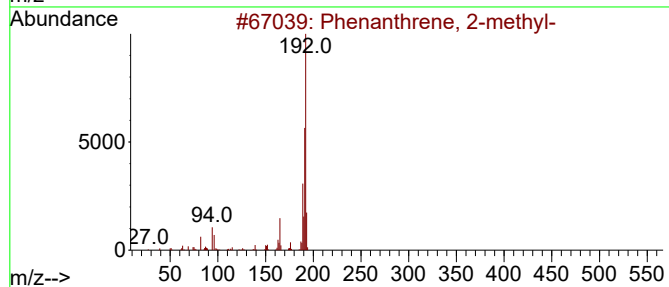
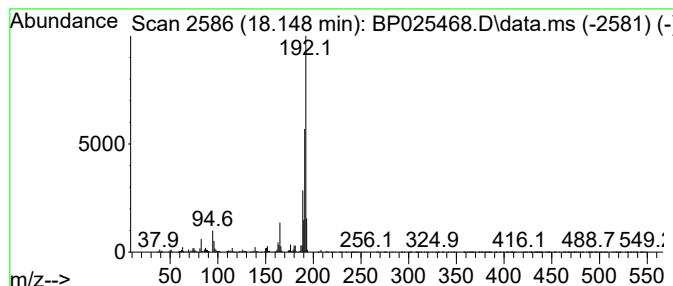
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	6.43 ng	678679	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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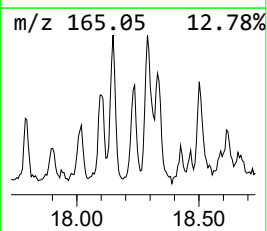
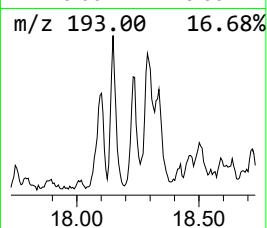
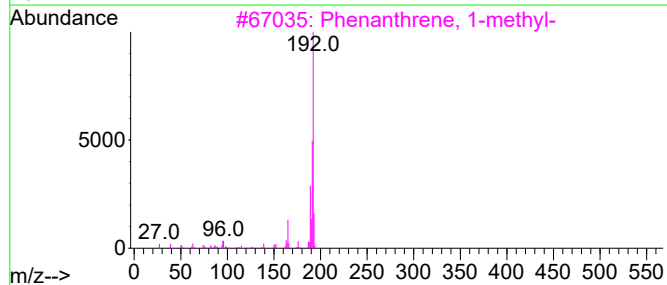
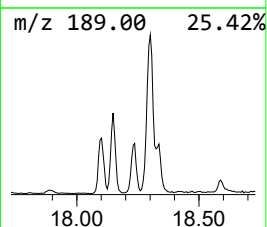
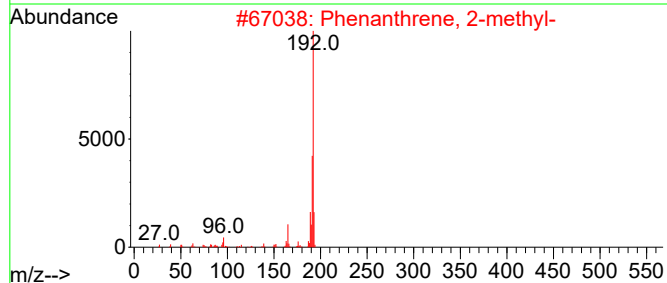
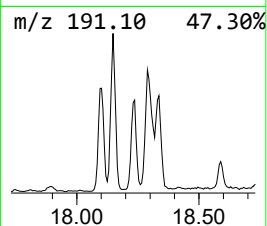
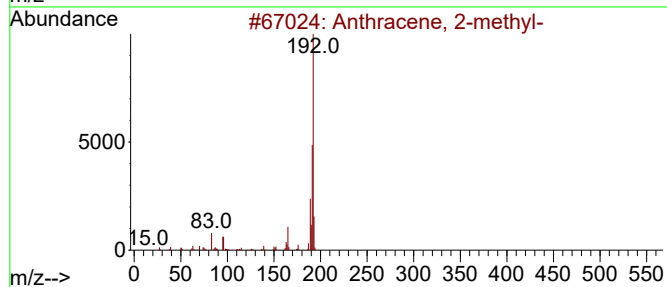
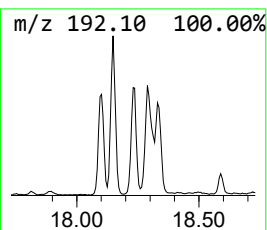
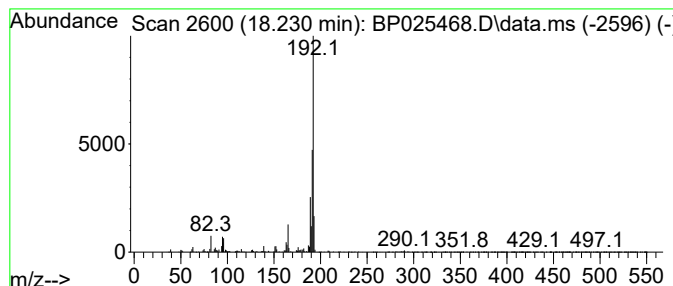
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	3.10 ng	327766	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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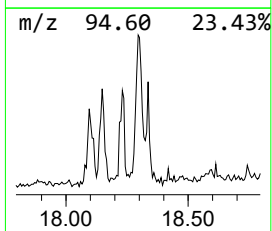
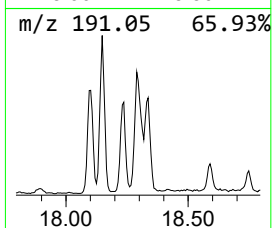
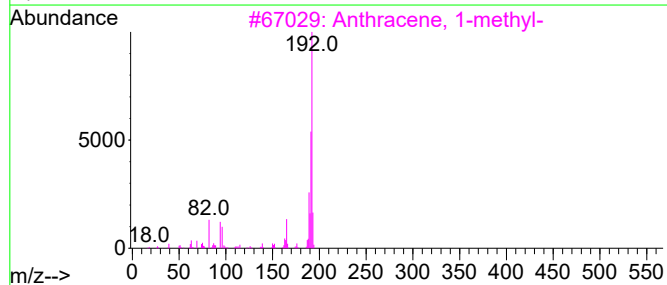
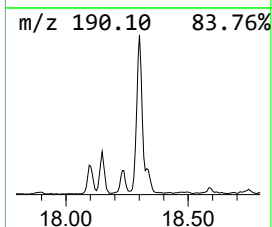
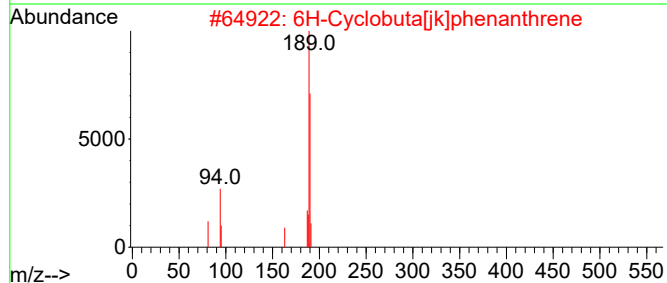
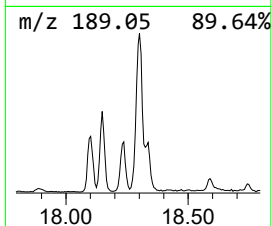
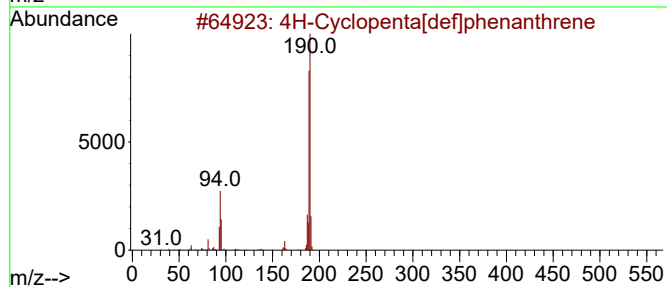
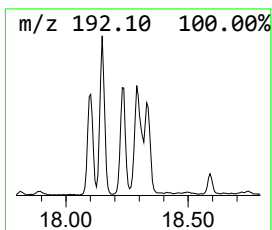
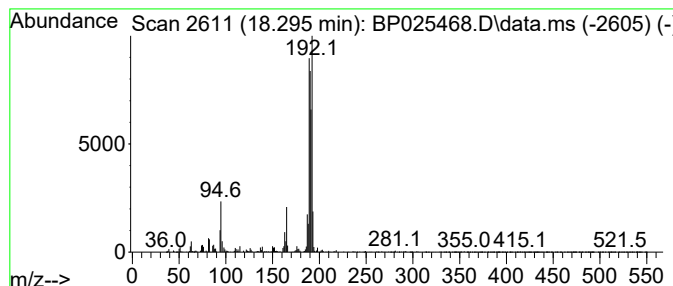
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.295	7.54 ng	795725	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46



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Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
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Instrument :
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ClientSampleId :
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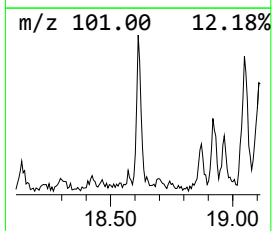
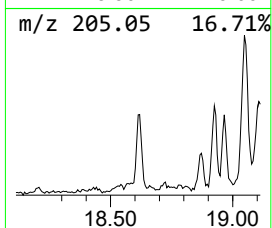
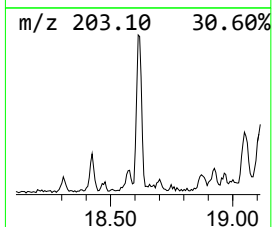
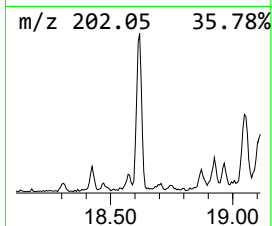
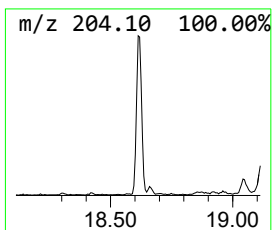
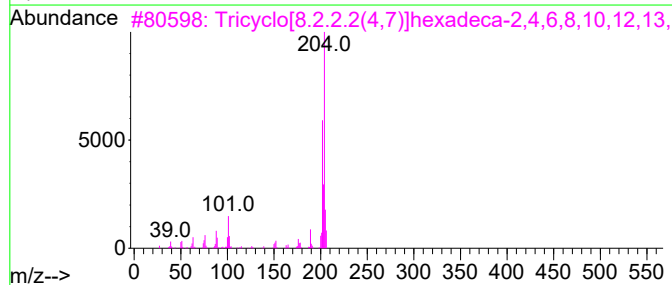
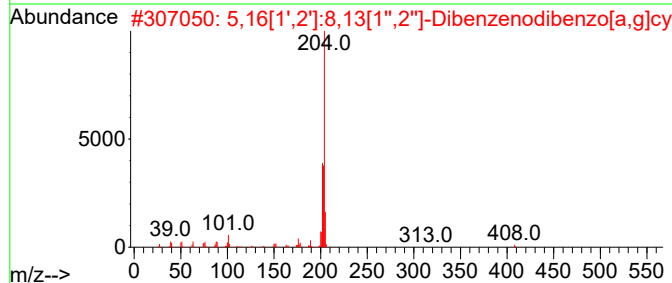
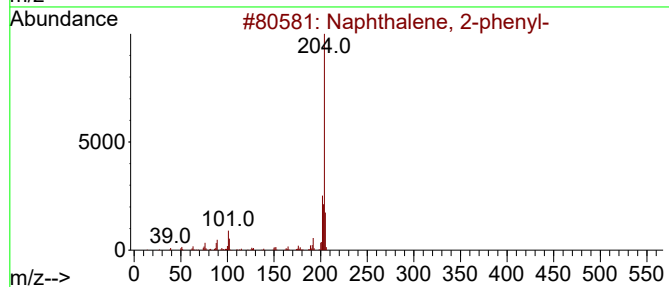
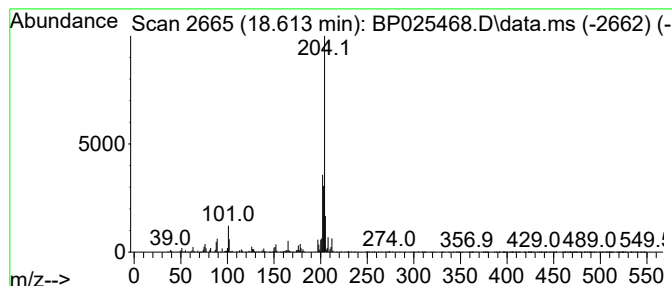
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.613	2.41 ng	254248	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
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ClientSampleId :
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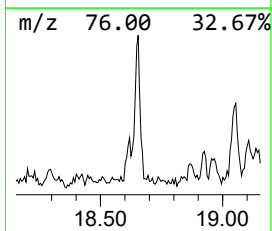
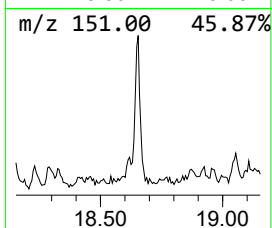
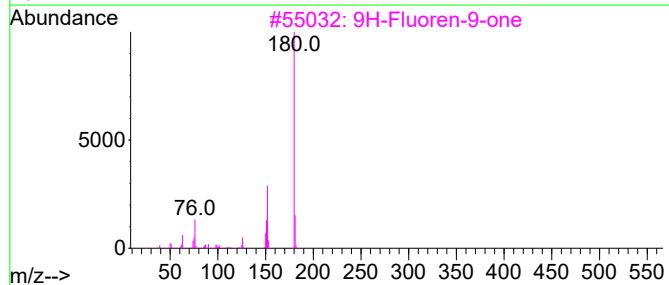
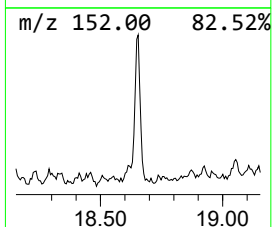
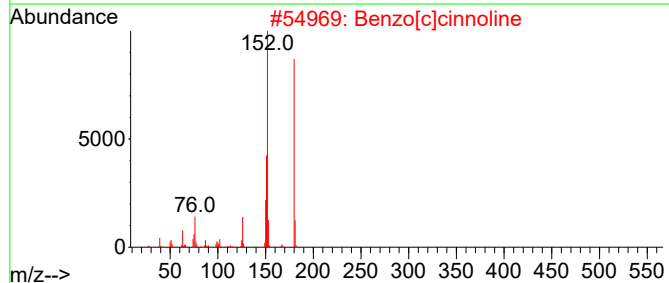
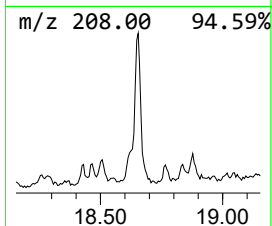
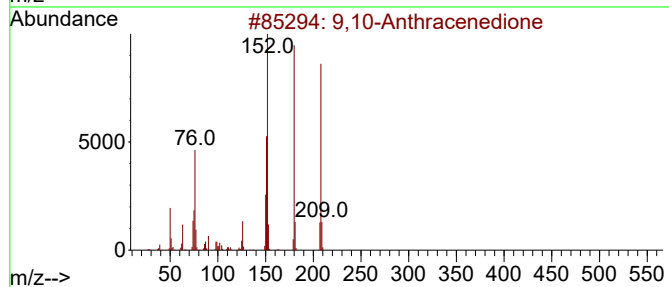
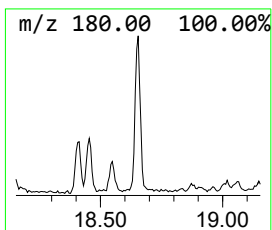
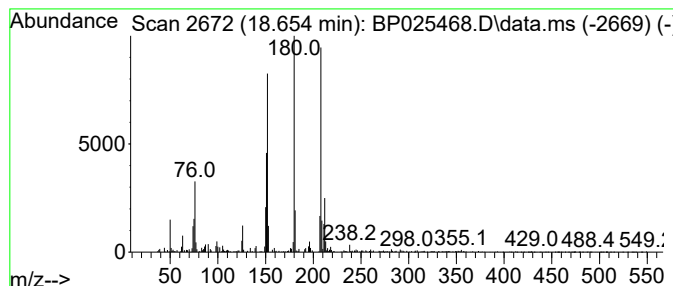
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.654	2.69 ng	284052	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one			180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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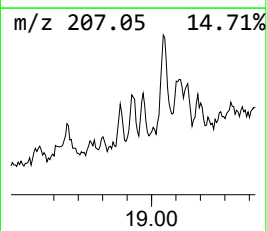
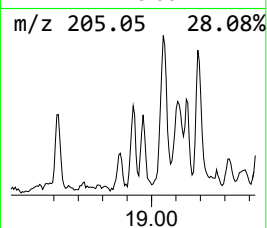
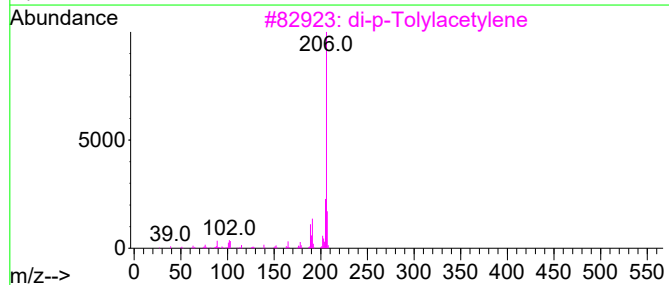
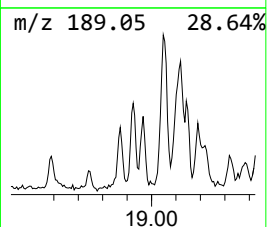
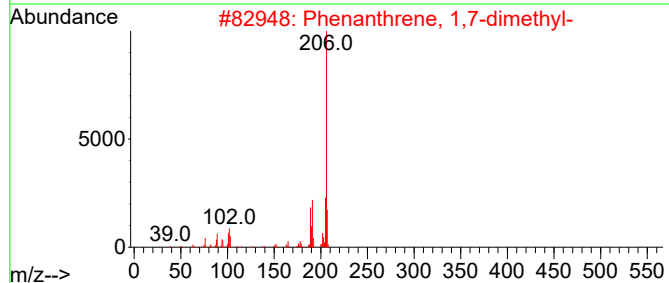
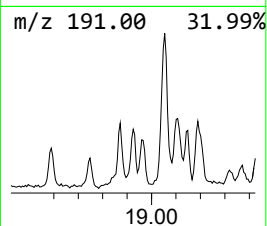
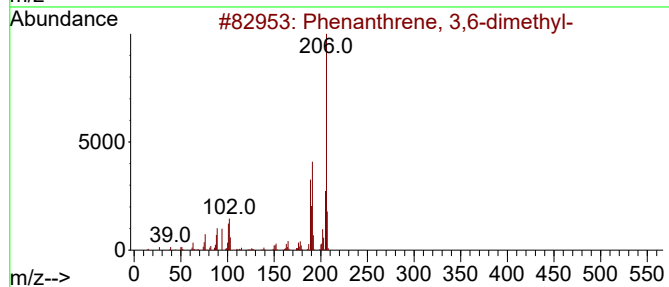
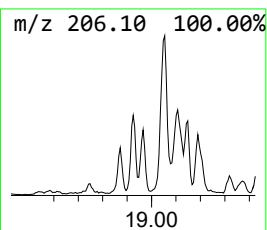
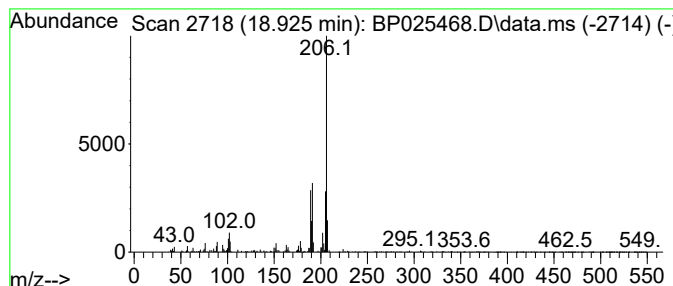
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.925	2.17 ng	228639	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

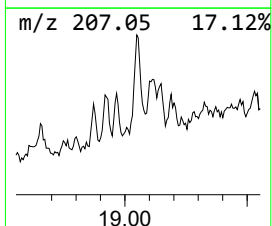
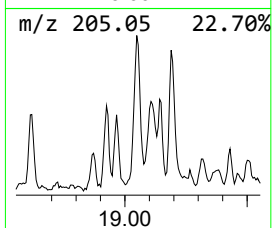
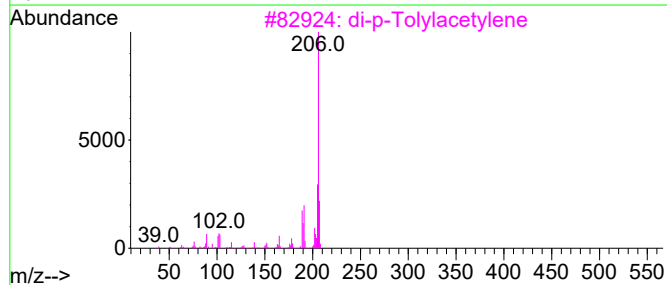
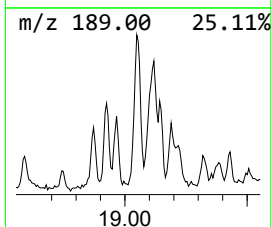
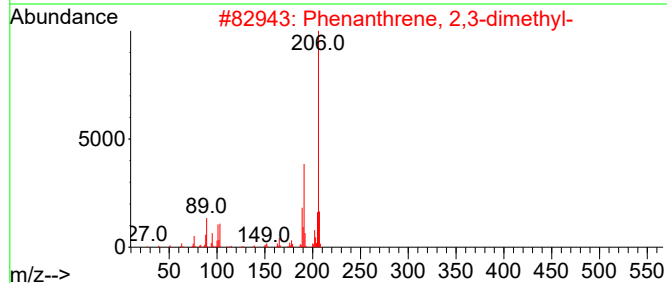
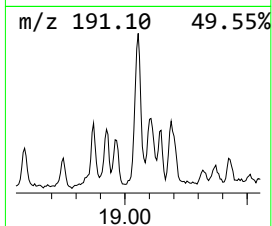
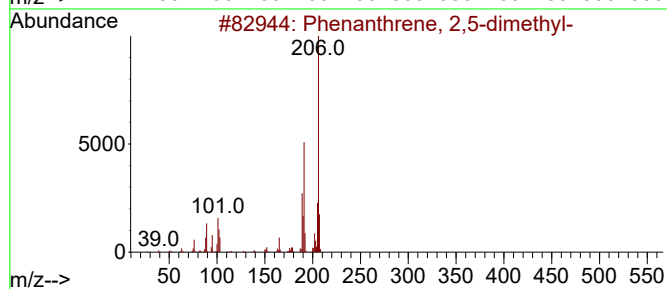
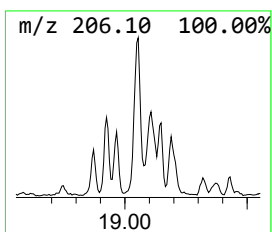
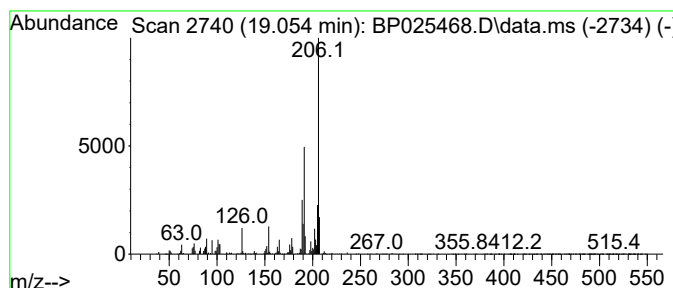
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.054	6.28 ng	663590	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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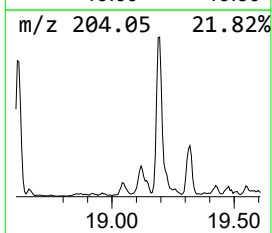
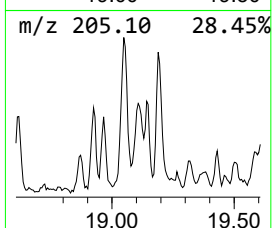
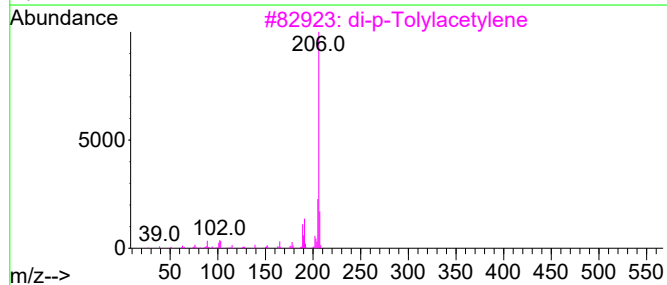
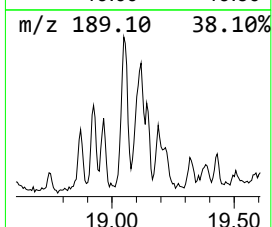
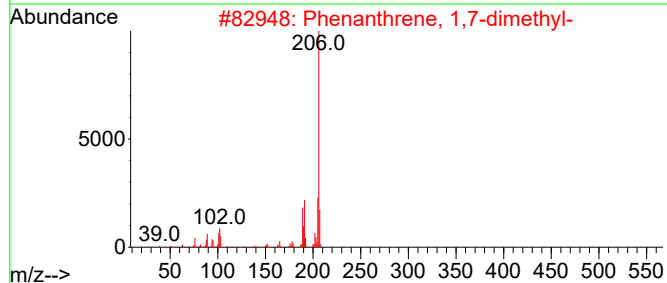
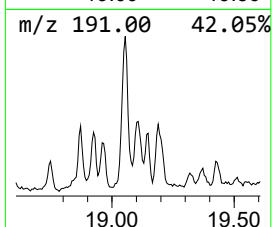
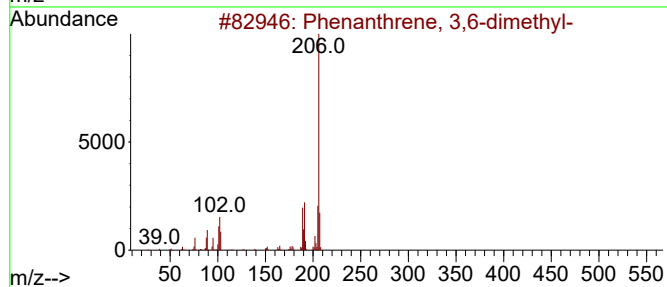
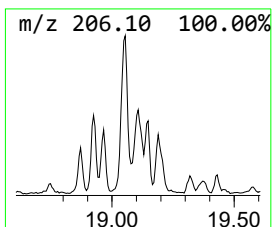
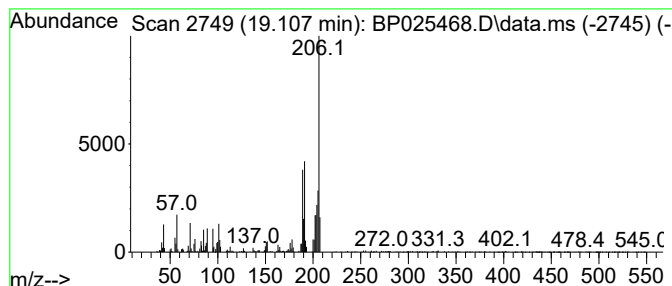
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.107	3.74 ng	395094	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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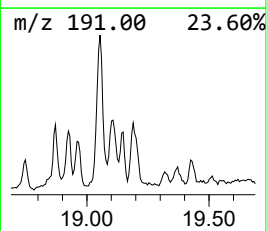
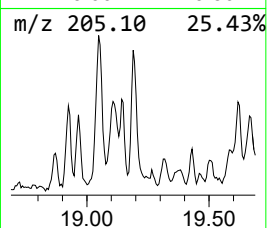
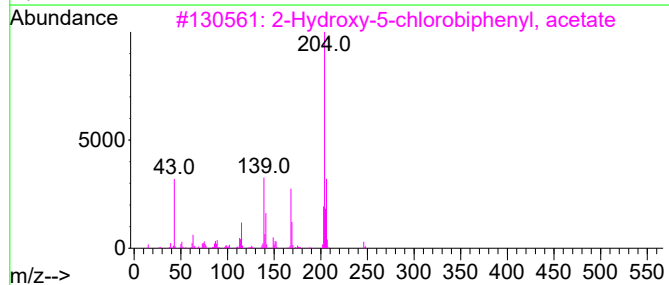
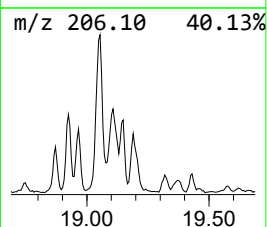
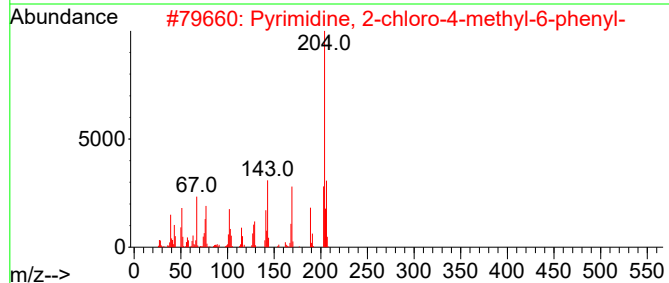
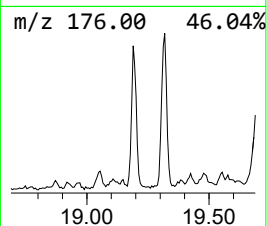
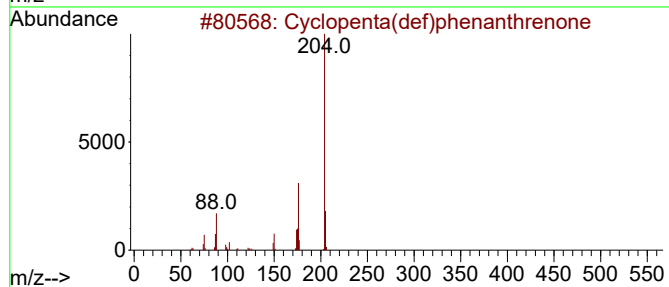
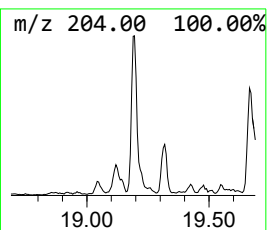
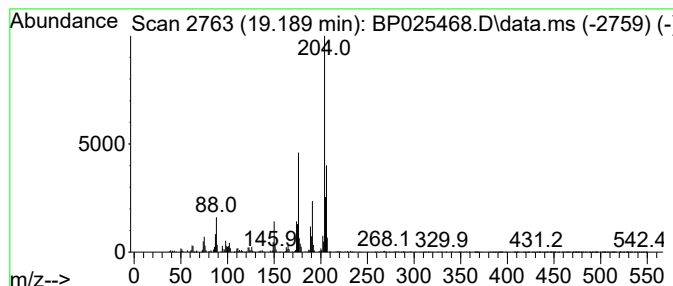
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.189	5.67 ng	598823	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2			Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3			2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	43
4			5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
5			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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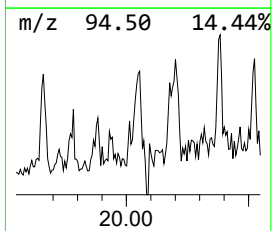
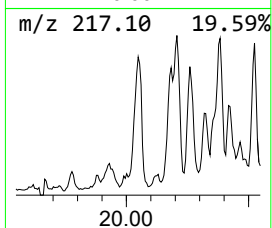
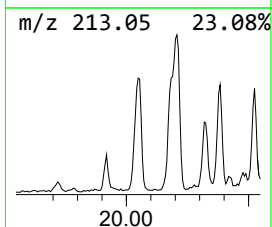
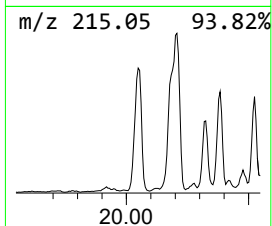
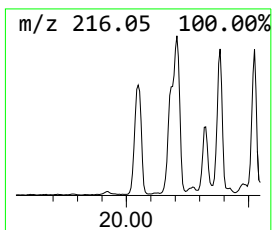
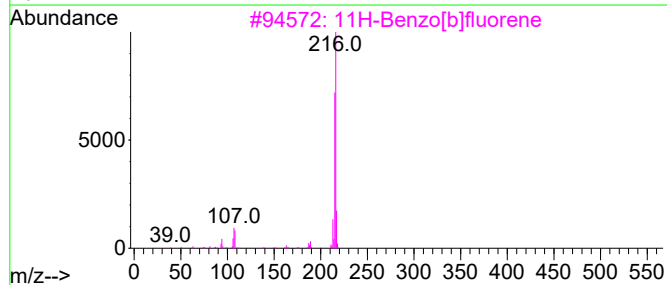
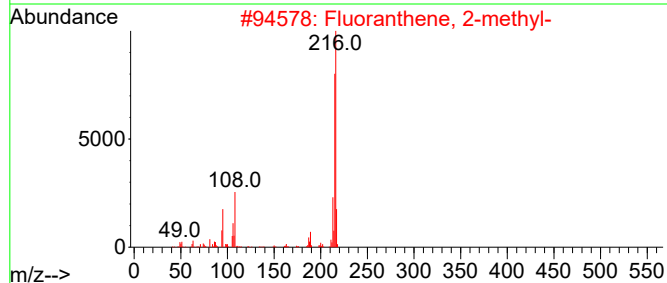
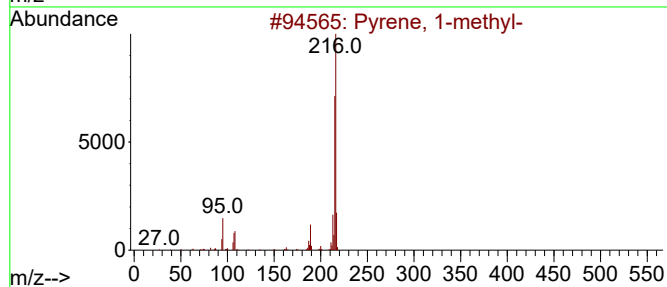
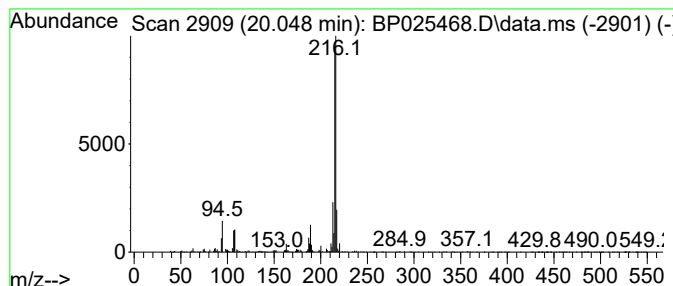
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.048	3.28 ng	1190780	Chrysene-d12	21.624

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

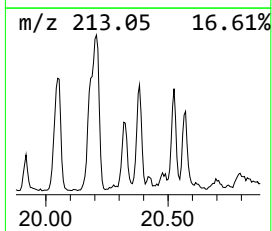
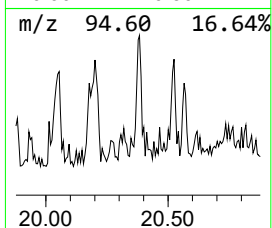
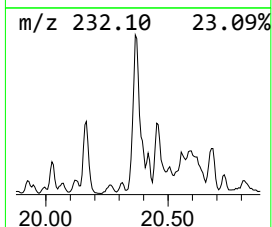
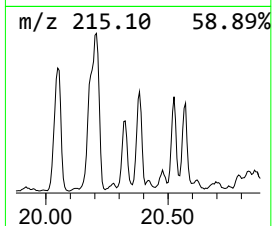
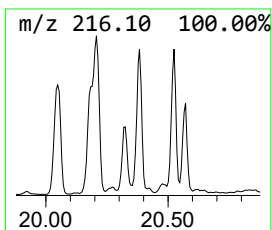
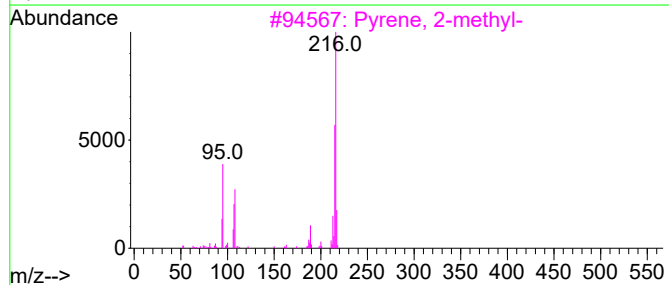
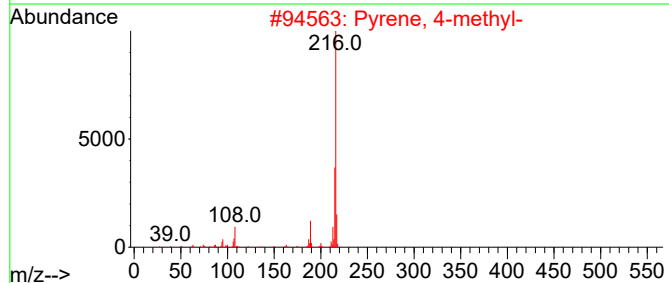
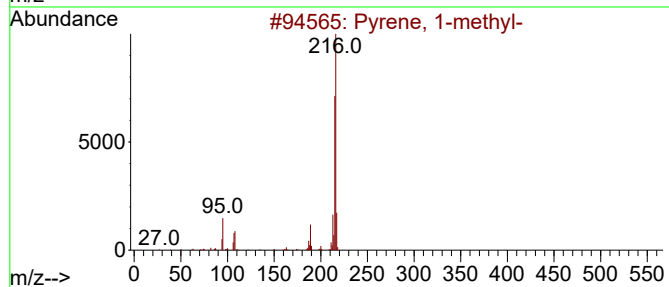
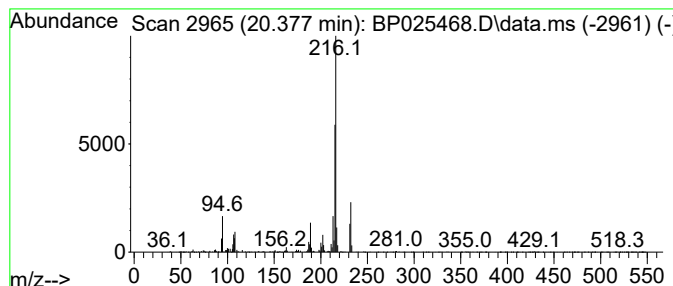
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.377	2.85 ng	1036360	Chrysene-d12	21.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
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Operator : CG/JU
Sample : Q2832-07 5X
Misc :
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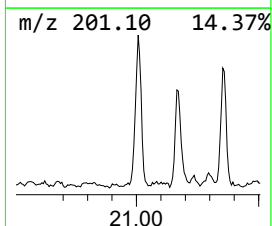
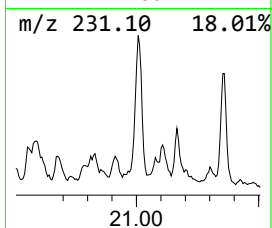
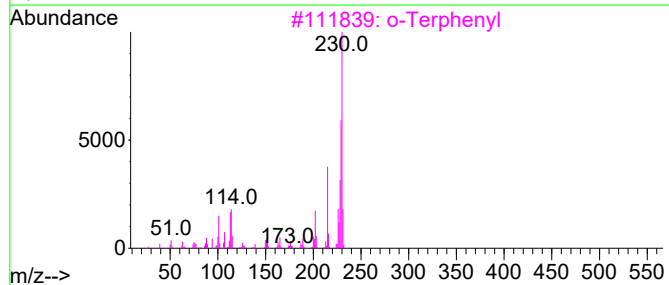
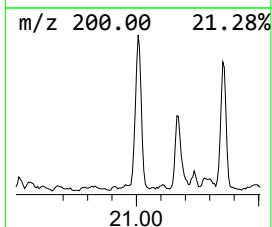
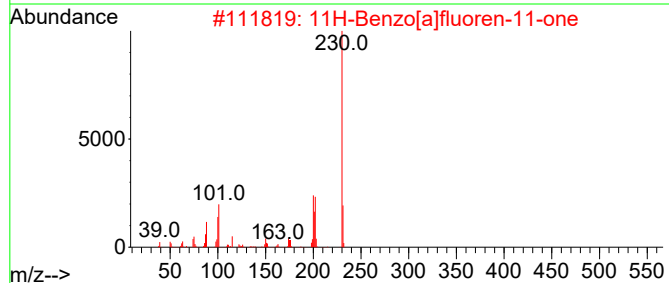
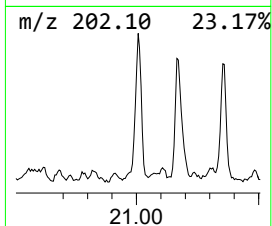
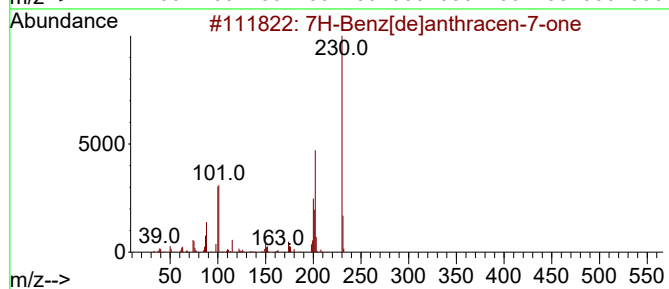
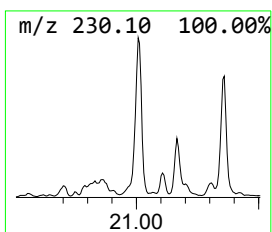
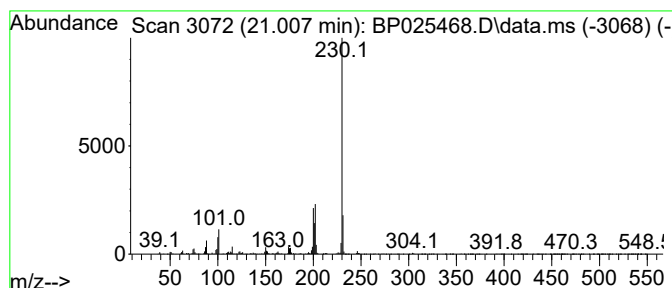
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.007	3.17 ng	1153080	Chrysene-d12	21.624	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	o-Terphenyl	230	C18H14	000084-15-1	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	pyrrolidine, 1,1'-(5-methyl-1,3-...	230	C15H22N2	1000401-00-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
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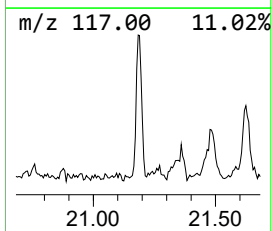
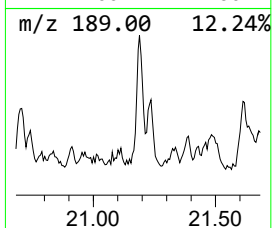
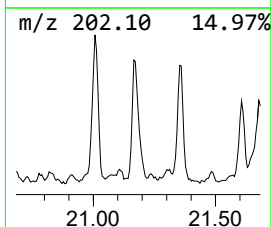
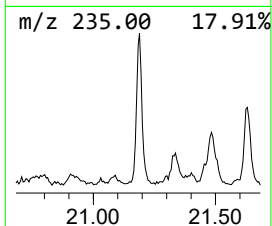
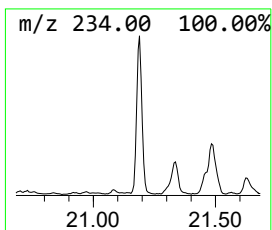
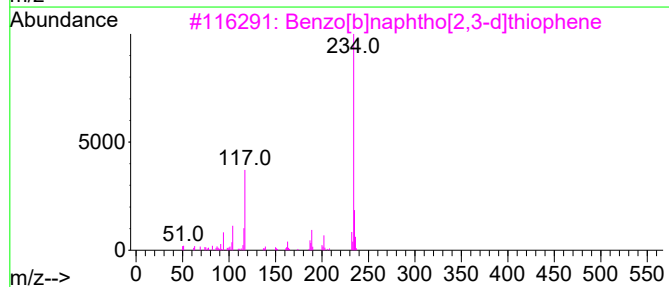
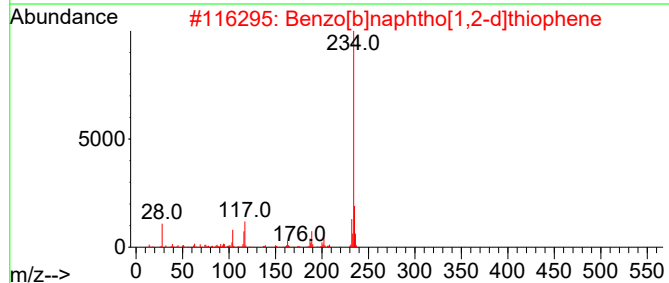
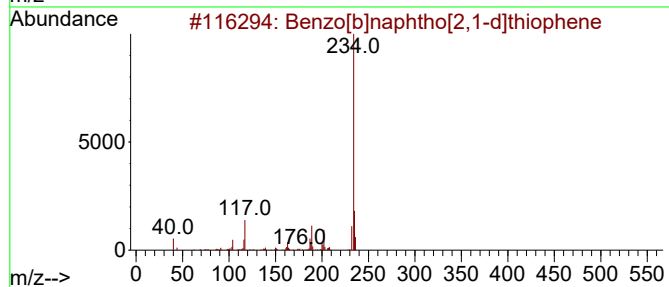
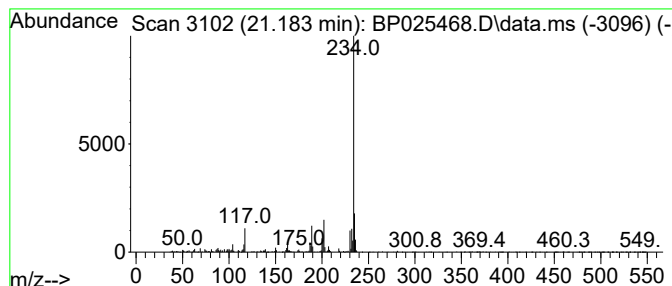
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.183	2.95 ng	1071620	Chrysene-d12		21.624	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene		234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[1,2-d]thiophene		234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene		234	C16H10S	000243-46-9	87
4	Anthra(2,3-b)thiophene		234	C16H10S	022108-55-0	72
5	pyrido[1',2':1,2]imidazo[4,5-b]q...		234	C14H10N4	1000401-06-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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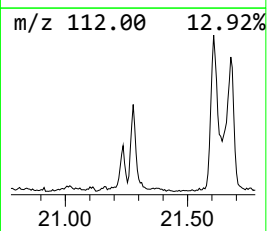
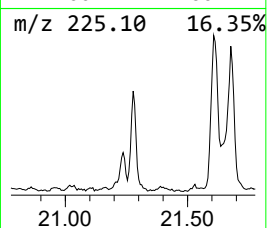
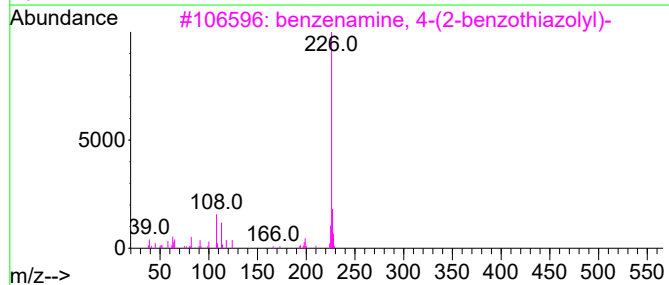
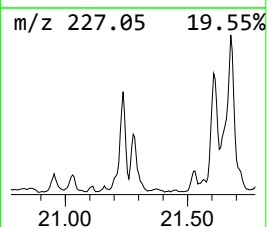
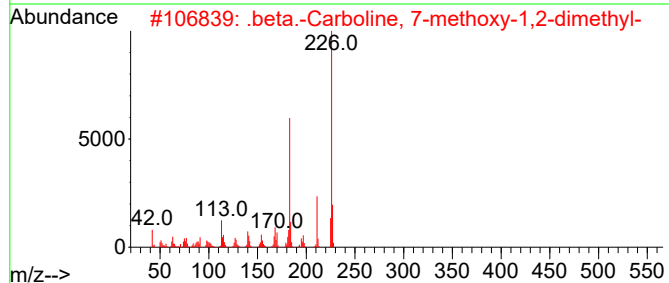
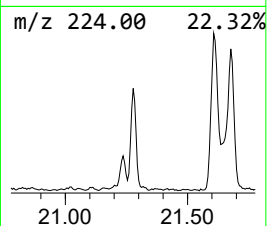
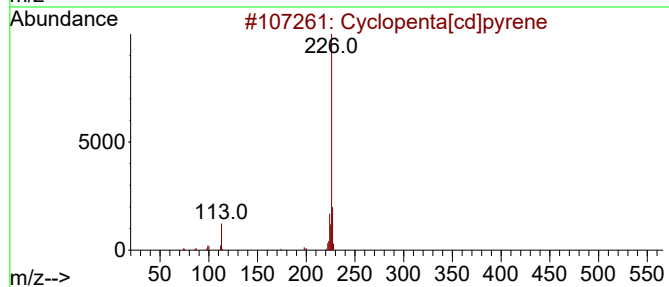
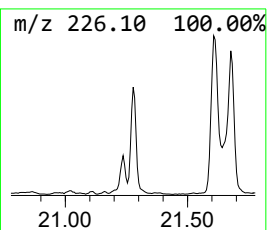
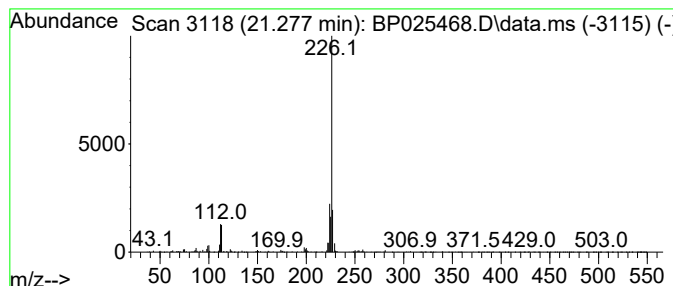
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	2.92 ng	1062700	Chrysene-d12	21.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
4			1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
5			9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
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Sample : Q2832-07 5X
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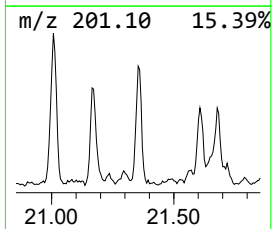
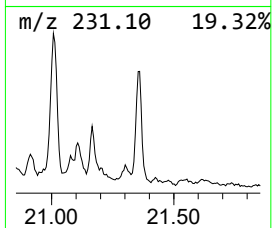
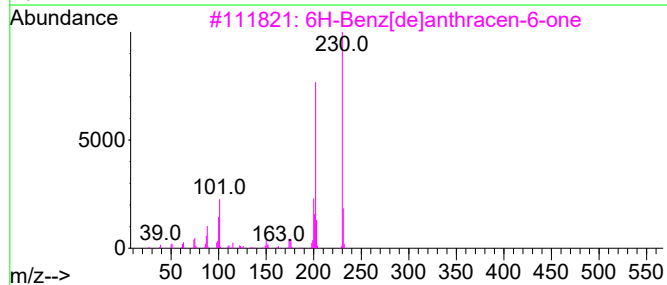
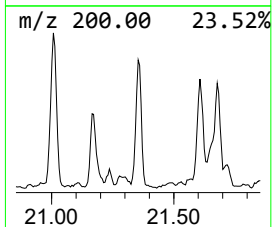
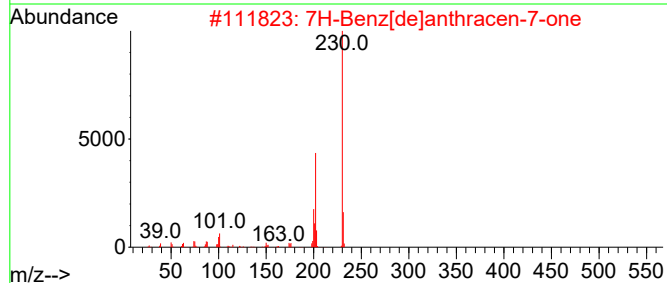
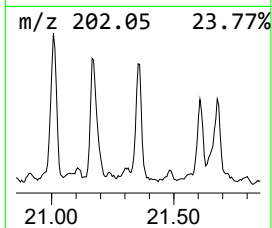
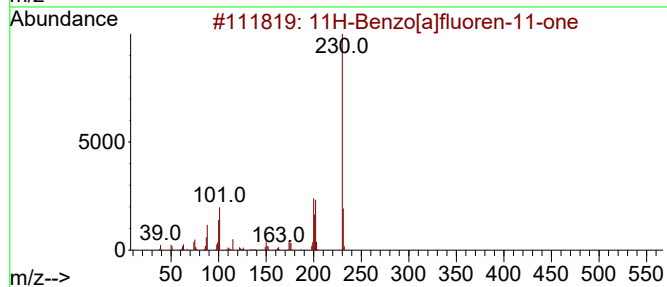
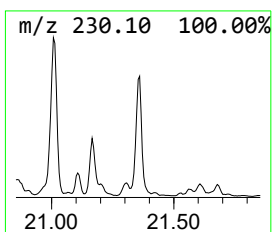
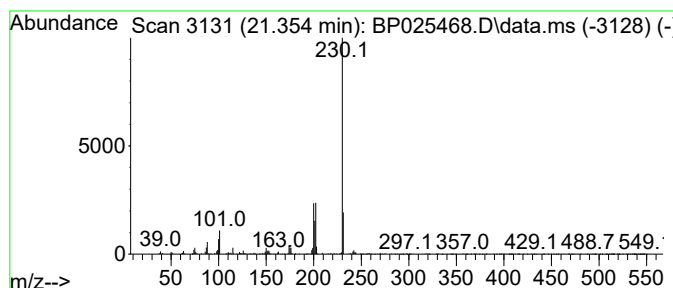
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.354	2.59 ng	942012	Chrysene-d12		21.624	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one		230	C17H10O	080252-14-8	64
4	1-Pyrenecarboxaldehyde		230	C17H10O	003029-19-4	56
5	5,6-Dihydrochrysene		230	C18H14	002091-92-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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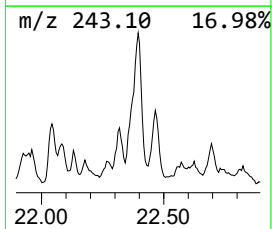
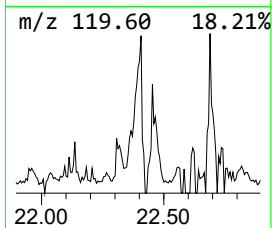
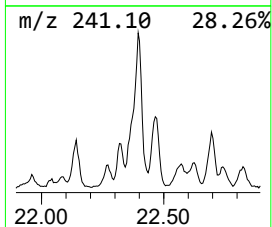
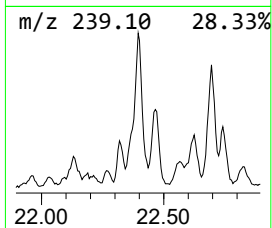
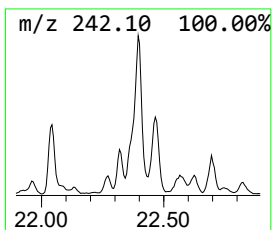
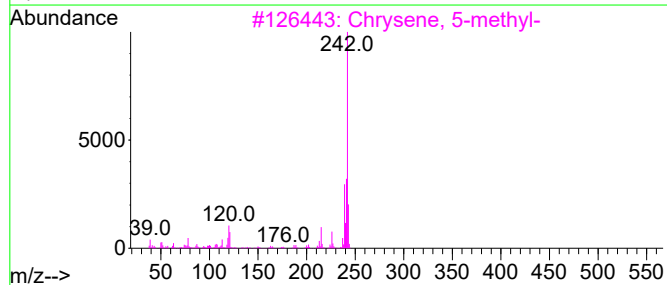
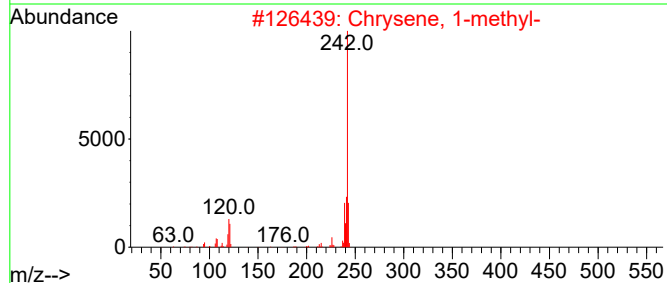
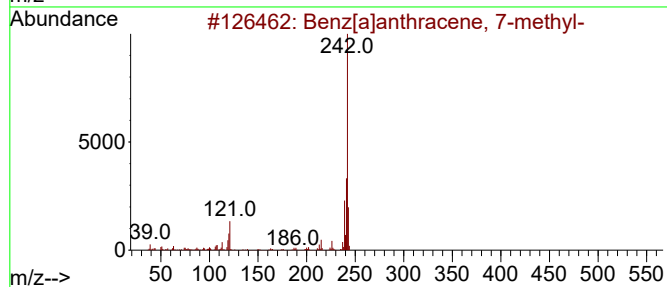
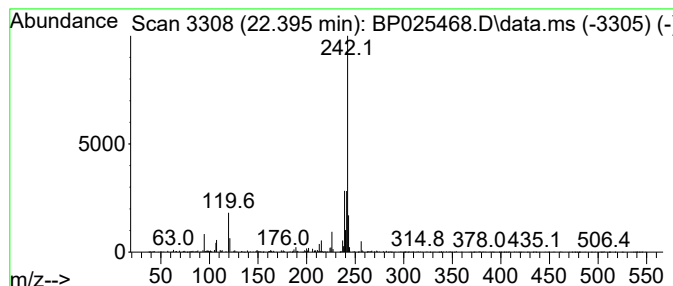
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.395	2.19 ng	796941	Chrysene-d12		21.624	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-		242	C19H14	002541-69-7	90
2	Chrysene, 1-methyl-		242	C19H14	003351-28-8	90
3	Chrysene, 5-methyl-		242	C19H14	003697-24-3	90
4	1H-Benz[f]indene, 2-phenyl-		242	C19H14	1000305-22-4	89
5	Benz[a]anthracene, 8-methyl-		242	C19H14	002381-31-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
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Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

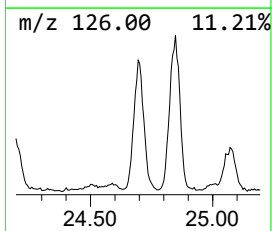
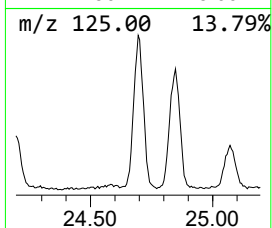
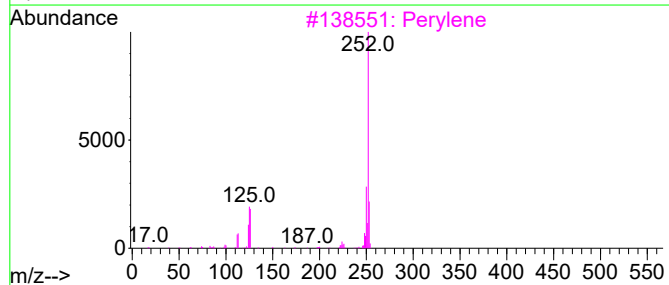
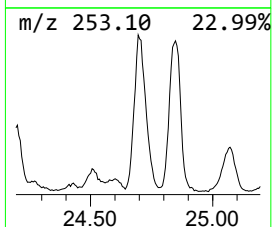
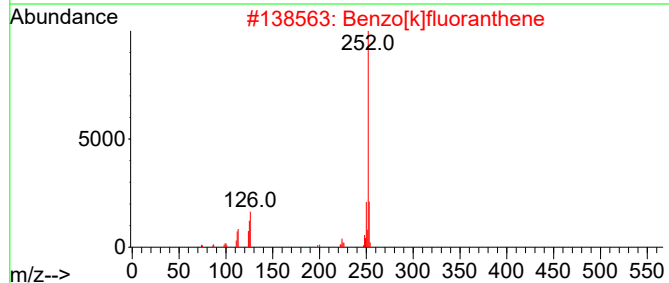
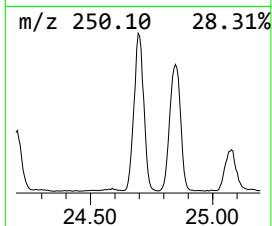
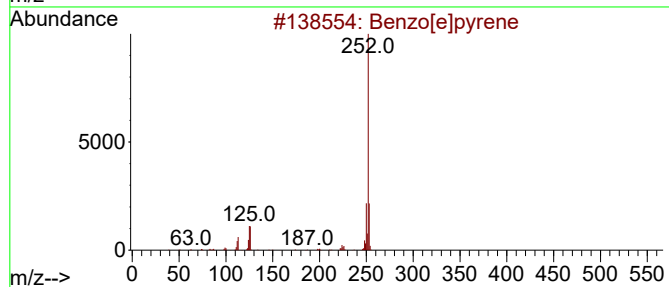
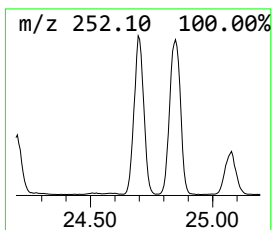
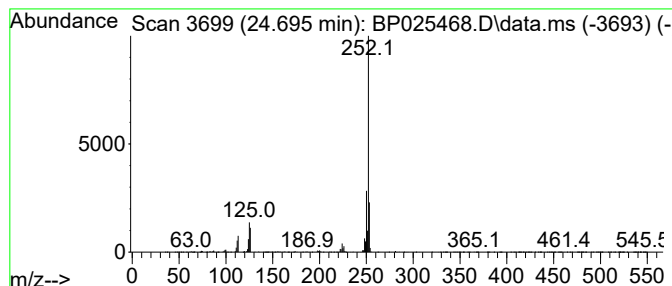
Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.695	26.88 ng	3400840	Perylene-d12	24.995	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	7.6	ng	366518	1	7.790	961511	20.0
Benzophenone	15.772	2.6	ng	232675	3	14.401	1793530	20.0
Anthracene, 2-m...	18.101	3.3	ng	352009	4	17.195	2111700	20.0
Phenanthrene, 2...	18.148	6.4	ng	678679	4	17.195	2111700	20.0
Phenanthrene, 1...	18.230	3.1	ng	327766	4	17.195	2111700	20.0
4H-Cyclopenta[d...	18.295	7.5	ng	795725	4	17.195	2111700	20.0
Naphthalene, 2-...	18.613	2.4	ng	254248	4	17.195	2111700	20.0
9,10-Anthracene...	18.654	2.7	ng	284052	4	17.195	2111700	20.0
Phenanthrene, 3...	18.925	2.2	ng	228639	4	17.195	2111700	20.0
Phenanthrene, 2...	19.054	6.3	ng	663590	4	17.195	2111700	20.0
Phenanthrene, 1...	19.107	3.7	ng	395094	4	17.195	2111700	20.0
Cyclopenta(def)...	19.189	5.7	ng	598823	4	17.195	2111700	20.0
Pyrene, 1-methyl-	20.048	3.3	ng	1190780	5	21.624	7268010	20.0
Pyrene, 4-methyl-	20.377	2.9	ng	1036360	5	21.624	7268010	20.0
7H-Benz[de]anth...	21.007	3.2	ng	1153080	5	21.624	7268010	20.0
Benzo[b]naphtho...	21.183	3.0	ng	1071620	5	21.624	7268010	20.0
Cyclopenta[cd]p...	21.277	2.9	ng	1062700	5	21.624	7268010	20.0
11H-Benzo[a]flu...	21.354	2.6	ng	942012	5	21.624	7268010	20.0
Benz[a]anthrace...	22.395	2.2	ng	796941	5	21.624	7268010	20.0
Benzo[e]pyrene	24.695	26.9	ng	3400840	6	24.995	2530440	20.0

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025537.D	5	08/13/25 09:05	08/21/25 12:53	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	860	U	860	1800	ug/Kg
108-95-2	Phenol	120	U	120	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	930	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	930	ug/Kg
95-48-7	2-Methylphenol	160	U	160	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	930	ug/Kg
98-86-2	Acetophenone	160	U	160	930	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	440	ug/Kg
67-72-1	Hexachloroethane	96.6	U	96.6	930	ug/Kg
98-95-3	Nitrobenzene	100	U	100	930	ug/Kg
78-59-1	Isophorone	180	U	180	930	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	930	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	930	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	930	ug/Kg
91-20-3	Naphthalene	120	U	120	930	ug/Kg
106-47-8	4-Chloroaniline	190	UQ	190	930	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	930	ug/Kg
105-60-2	Caprolactam	290	U	290	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	930	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	930	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640	U	640	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	930	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	930	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	930	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	930	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	930	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025537.D	5	08/13/25 09:05	08/21/25 12:53	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	160	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	930	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	930	ug/Kg
83-32-9	Acenaphthene	120	U	120	930	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1800	ug/Kg
100-02-7	4-Nitrophenol	590	U	590	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	930	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	930	ug/Kg
84-66-2	Diethylphthalate	160	U	160	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	930	ug/Kg
86-73-7	Fluorene	140	U	140	930	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	570	U	570	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	930	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	930	ug/Kg
1912-24-9	Atrazine	190	U	190	930	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	1800	ug/Kg
85-01-8	Phenanthrene	890	J	110	930	ug/Kg
120-12-7	Anthracene	180	U	180	930	ug/Kg
86-74-8	Carbazole	170	U	170	930	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	930	ug/Kg
206-44-0	Fluoranthene	1300		160	930	ug/Kg
129-00-0	Pyrene	1200		200	930	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	390	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	UQ	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	750	J	130	930	ug/Kg
218-01-9	Chrysene	950		110	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	930	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		100	930	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025537.D	5	08/13/25 09:05	08/21/25 12:53	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	120	U	120	930	ug/Kg
50-32-8	Benzo(a)pyrene	630	J	160	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	J	160	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560	J	140	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	930	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	930	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	92.6		30 (18) - 130 (112)	62%	SPK: 150
13127-88-3	Phenol-d6	97.2		30 (15) - 130 (107)	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.2		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		30 (20) - 130 (109)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.8		30 (10) - 130 (116)	59%	SPK: 150
1718-51-0	Terphenyl-d14	74.5		30 (10) - 130 (105)	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	185000	7.784
1146-65-2	Naphthalene-d8	725000	10.554
15067-26-2	Acenaphthene-d10	451000	14.401
1517-22-2	Phenanthrene-d10	892000	17.207
1719-03-5	Chrysene-d12	916000	21.654
1520-96-3	Perylene-d12	1090000	25.042

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J	3.04	ug/Kg
000119-61-9	Benzophenone	480	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	1100	J	18.1	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	420	J	18.3	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025537.D	5	08/13/25 09:05	08/21/25 12:53	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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_P\Data\BP082025\
 Data File : BP025537.D
 Acq On : 21 Aug 2025 12:53
 Operator : CG/JU
 Sample : Q2832-09 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S05

Quant Time: Aug 21 13:49:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

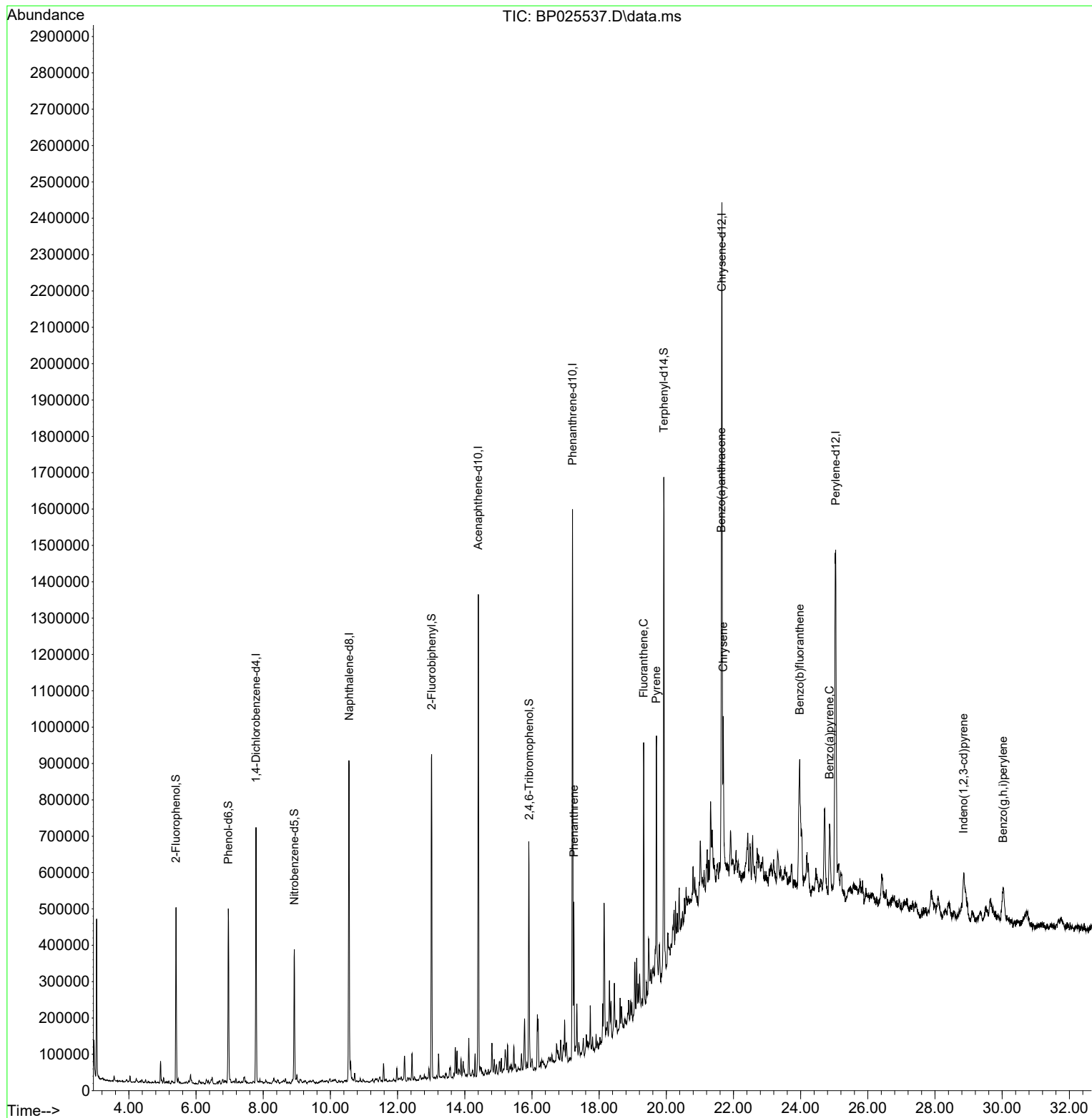
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	185117	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	725235	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	450660	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	892132	20.000	ng	0.00
76) Chrysene-d12	21.654	240	915666	20.000	ng	0.00
86) Perylene-d12	25.042	264	1087701	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	206341	18.511	ng	0.00
7) Phenol-d6	6.960	99	277731	19.434	ng	0.00
23) Nitrobenzene-d5	8.925	82	209917	14.642	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	107686	17.753	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	507527	15.391	ng	0.00
79) Terphenyl-d14	19.924	244	745273	14.891	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.248	178	239345	4.884	ng	99
75) Fluoranthene	19.324	202	429862	7.353	ng	99
78) Pyrene	19.701	202	387173	6.505	ng	100
81) Benzo(a)anthracene	21.636	228	247055	4.091	ng	95
83) Chrysene	21.695	228	295150	5.219	ng	97
87) Indeno(1,2,3-cd)pyrene	28.847	276	199747	2.504	ng	# 95
88) Benzo(b)fluoranthene	23.971	252	443701	6.918	ng	96
90) Benzo(a)pyrene	24.859	252	213524	3.420	ng	# 96
92) Benzo(g,h,i)perylene	30.024	276	197045	3.075	ng	98

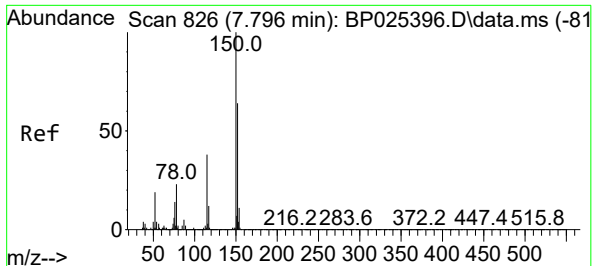
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

Quant Time: Aug 21 13:49:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

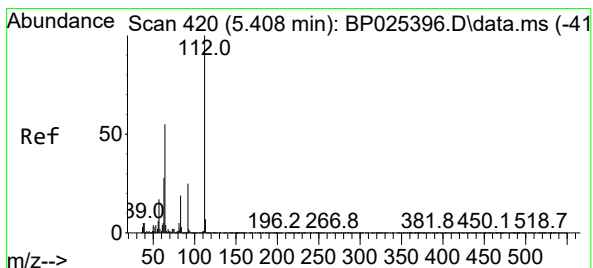
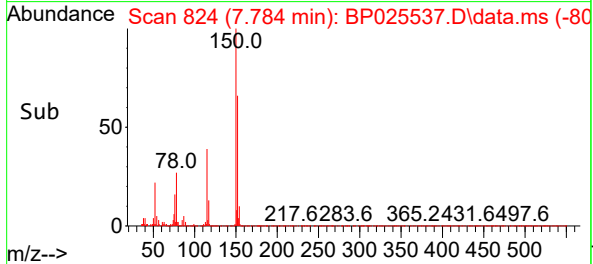
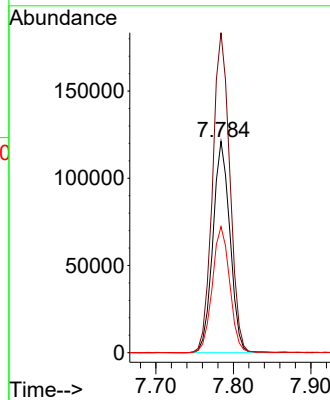
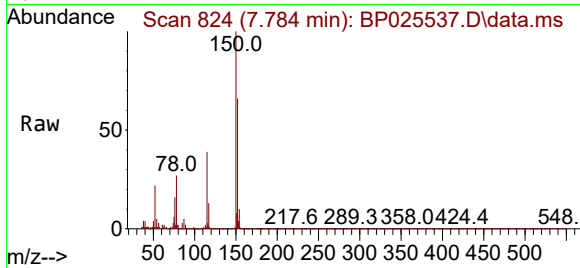




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

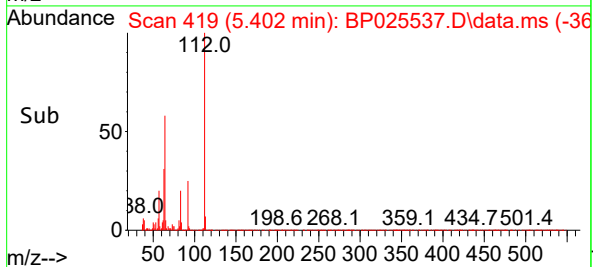
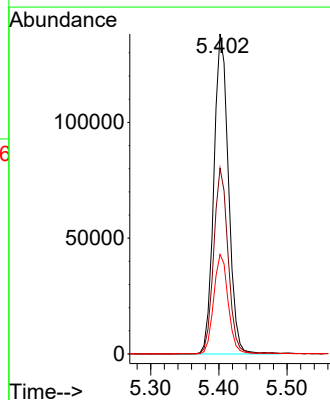
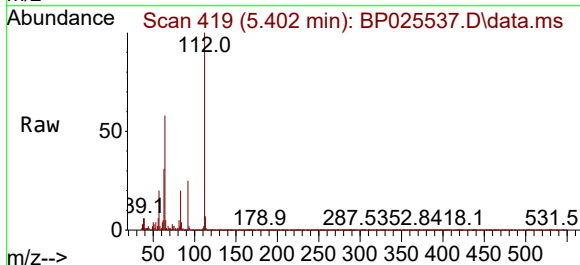
Instrument :
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ClientSampleId :
TG-S05

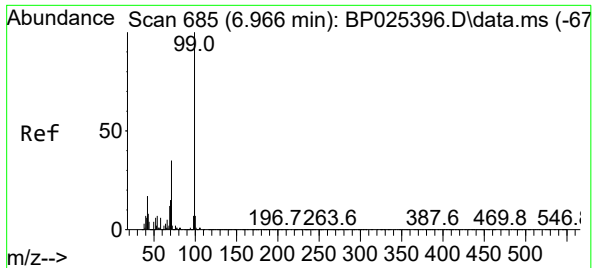
Tgt Ion:152 Resp: 185117
Ion Ratio Lower Upper
152 100
150 151.4 125.9 188.9
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 18.511 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:112 Resp: 206341
Ion Ratio Lower Upper
112 100
64 58.1 43.8 65.8
63 31.1 22.7 34.1

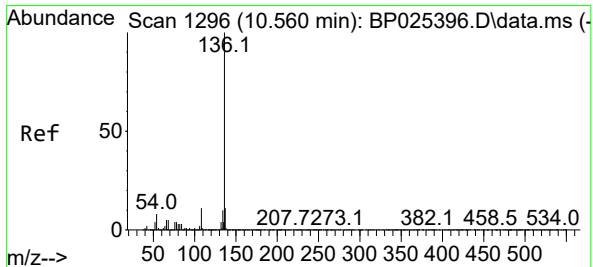
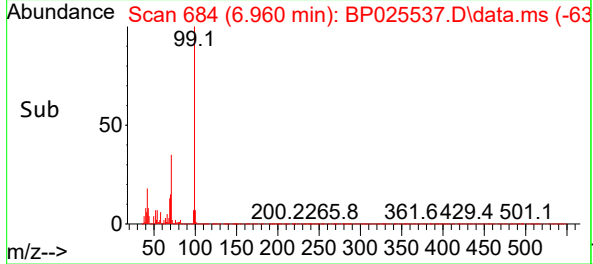
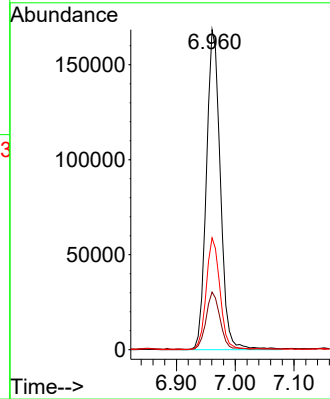
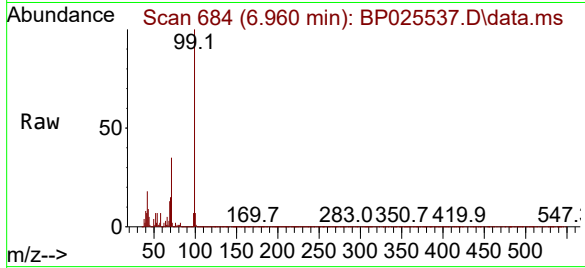




#7
Phenol-d6
Concen: 19.434 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

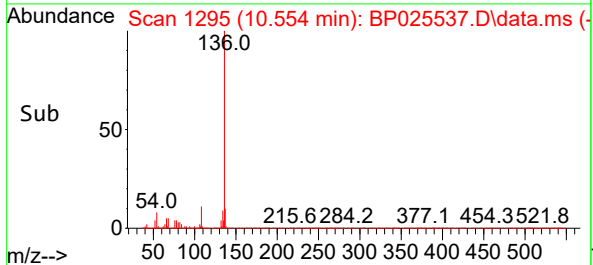
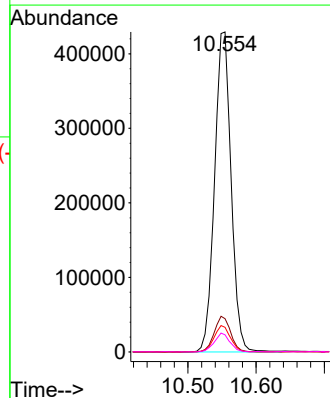
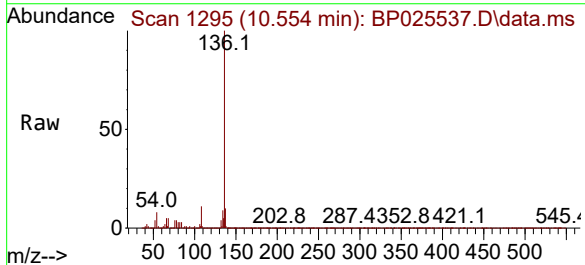
Instrument :
BNA_P
ClientSampleId :
TG-S05

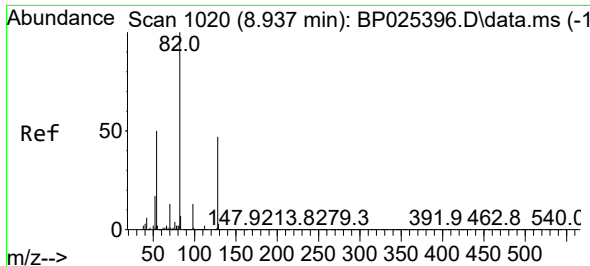
Tgt Ion: 99 Resp: 277731
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion: 136 Resp: 725235
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.7 6.0 9.0
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 14.642 ng

RT: 8.925 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP025537.D

Acq: 21 Aug 2025 12:53

Instrument :

BNA_P

ClientSampleId :

TG-S05

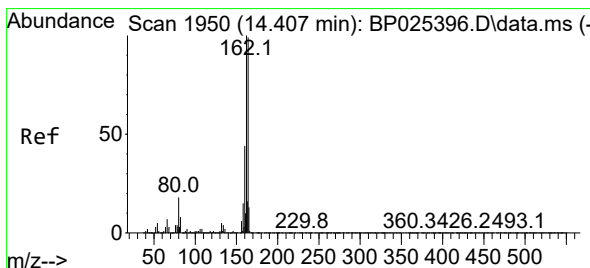
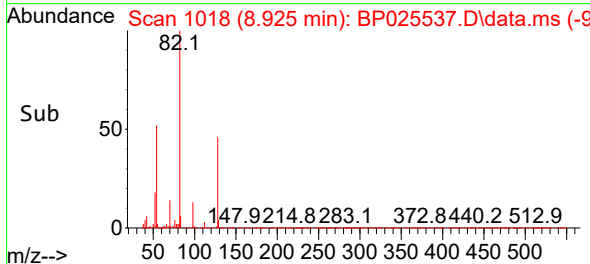
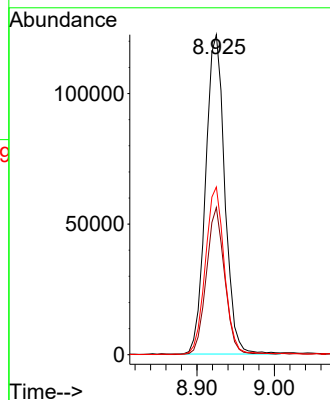
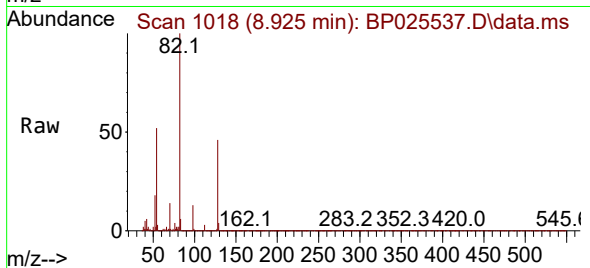
Tgt Ion: 82 Resp: 209917

Ion Ratio Lower Upper

82 100

128 46.0 37.7 56.5

54 52.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025537.D

Acq: 21 Aug 2025 12:53

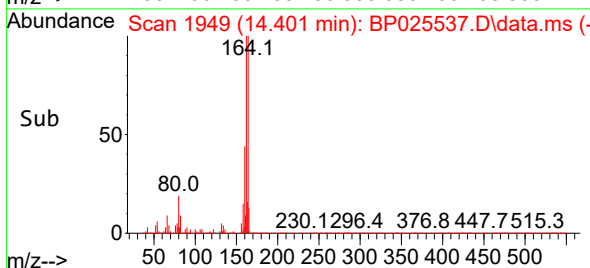
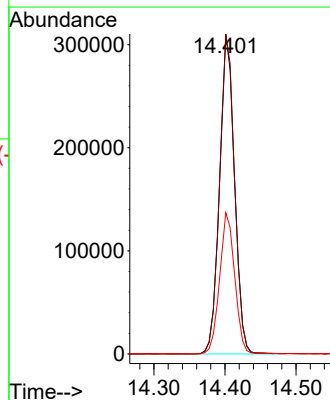
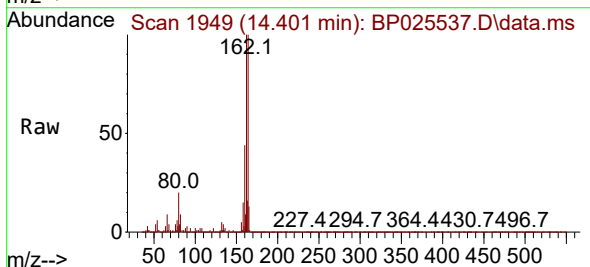
Tgt Ion:164 Resp: 450660

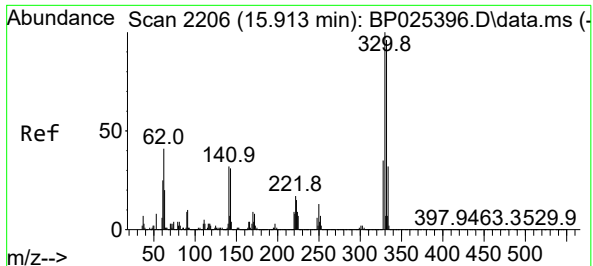
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

160 44.2 35.4 53.2

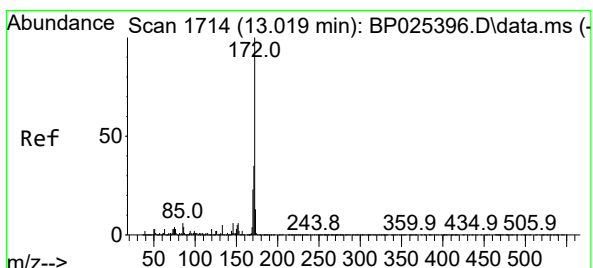
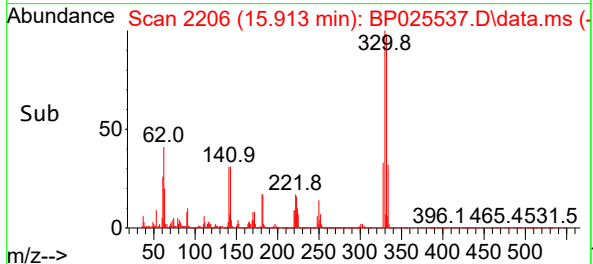
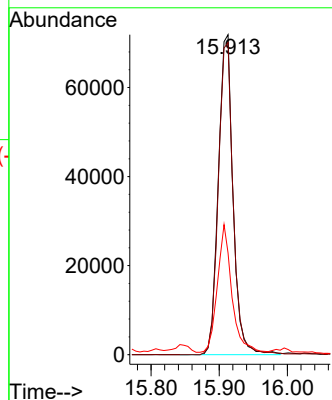
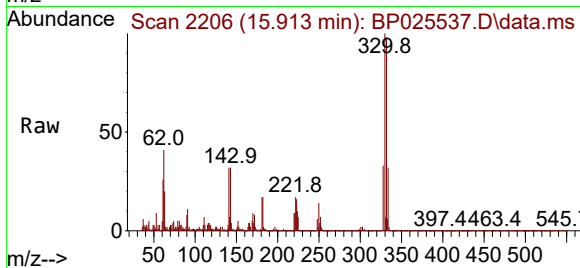




#42
2,4,6-Tribromophenol
Concen: 17.753 ng
RT: 15.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

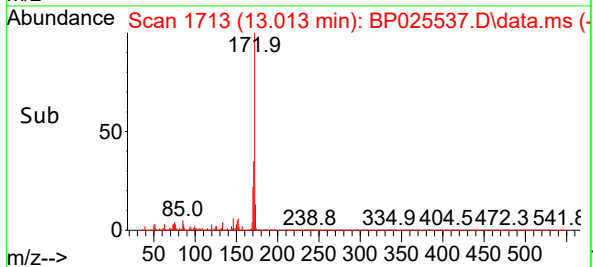
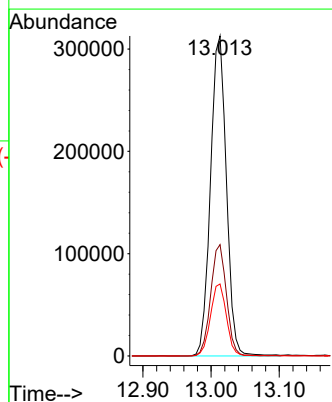
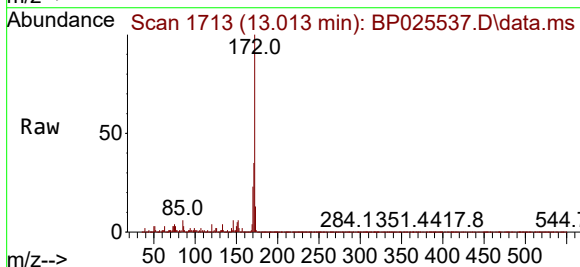
Instrument :
BNA_P
ClientSampleId :
TG-S05

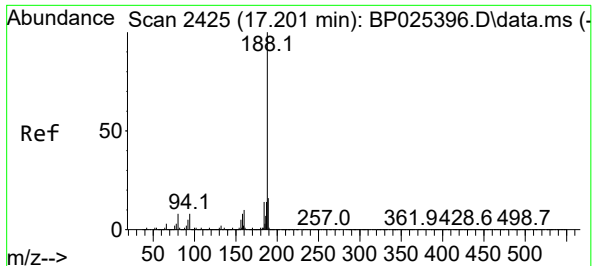
Tgt Ion:330 Resp: 107686
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 39.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 15.391 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:172 Resp: 507527
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.5 18.6 28.0

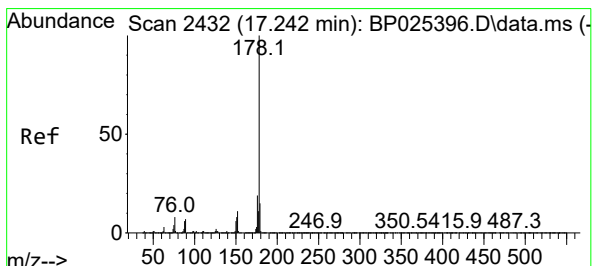
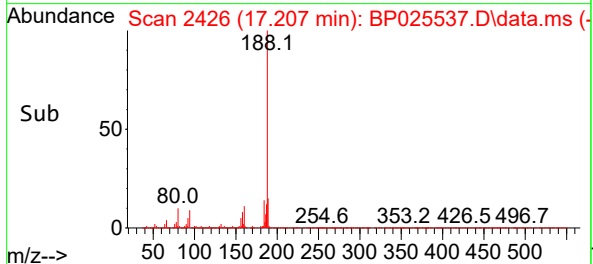
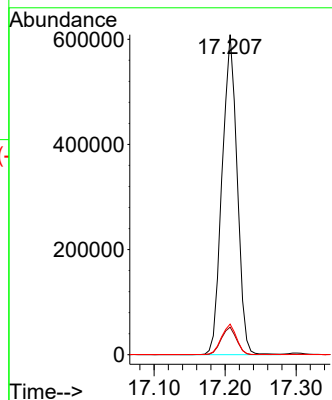
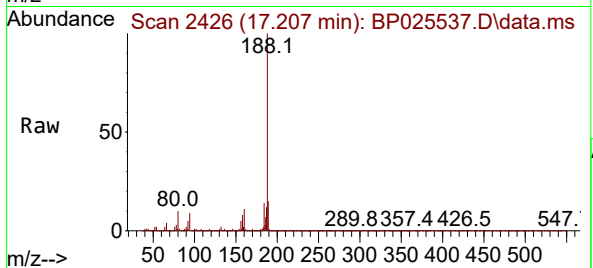




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

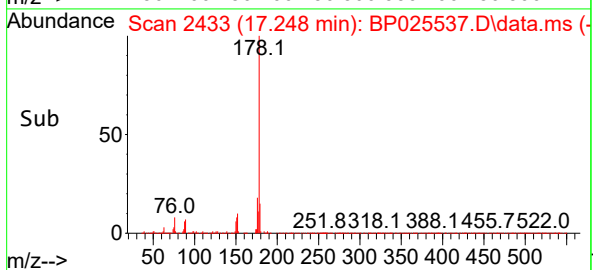
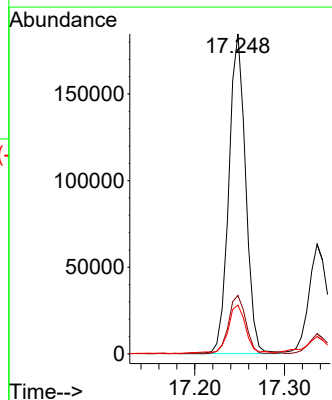
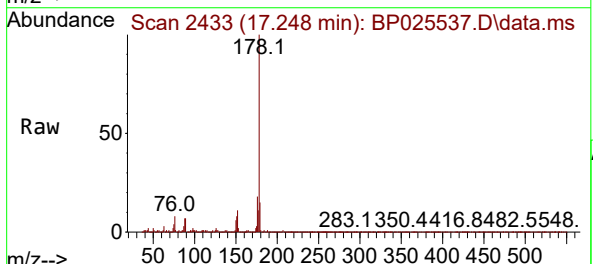
Instrument :
BNA_P
ClientSampleId :
TG-S05

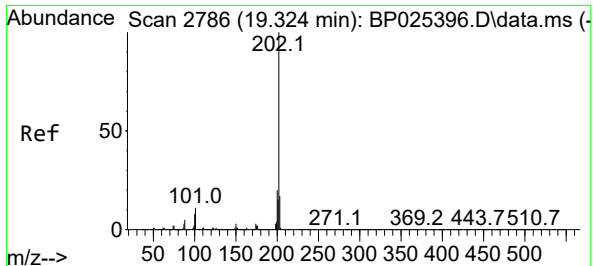
Tgt Ion:188 Resp: 892132
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 6.7 10.1



#71
Phenanthrene
Concen: 4.884 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:178 Resp: 239345
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.3 12.2 18.4

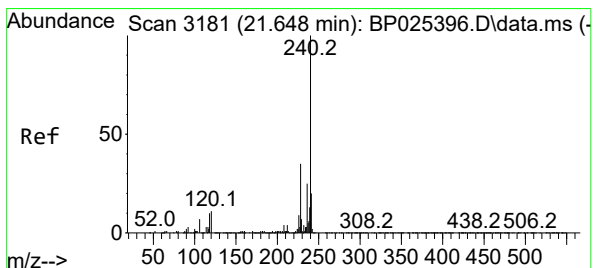
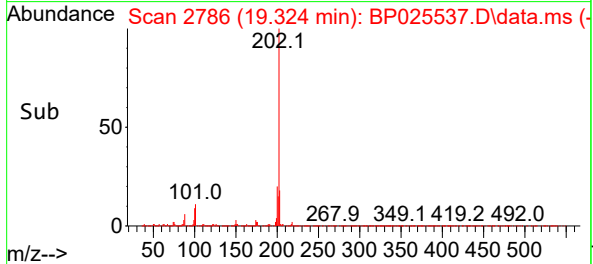
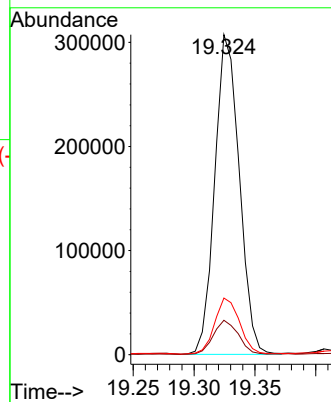
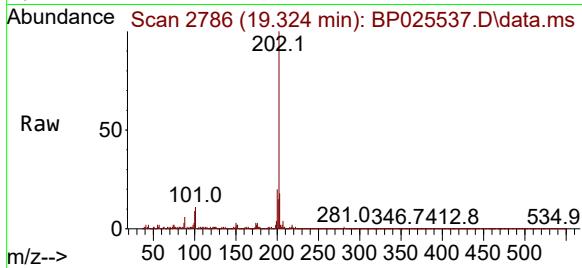




#75
Fluoranthene
Concen: 7.353 ng
RT: 19.324 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

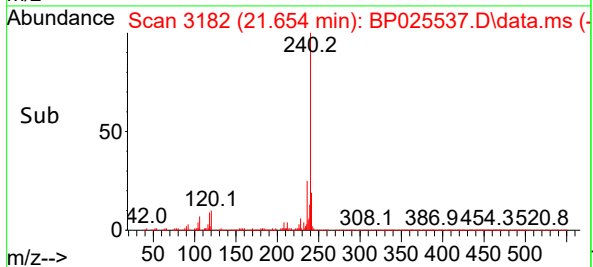
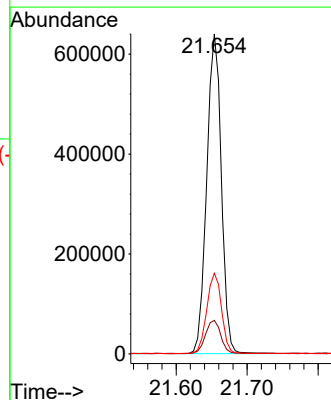
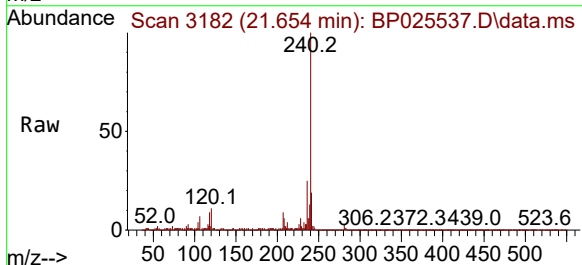
Instrument :
BNA_P
ClientSampleId :
TG-S05

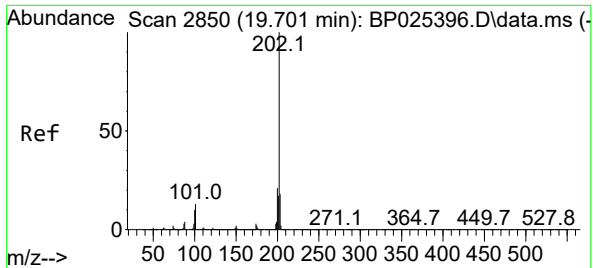
Tgt Ion:202 Resp: 429862
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.1
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:240 Resp: 915666
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.3 19.8 29.8

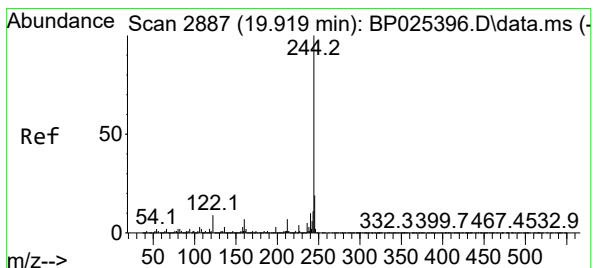
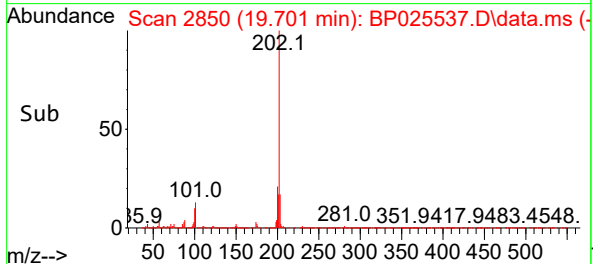
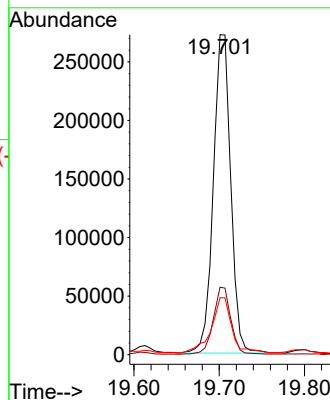
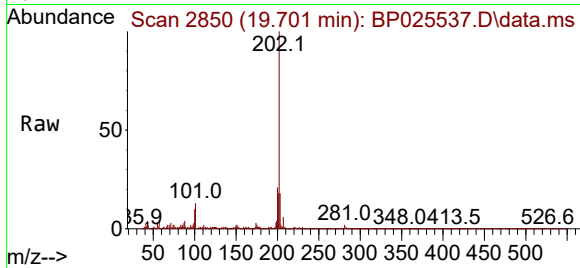




#78
Pyrene
Concen: 6.505 ng
RT: 19.701 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

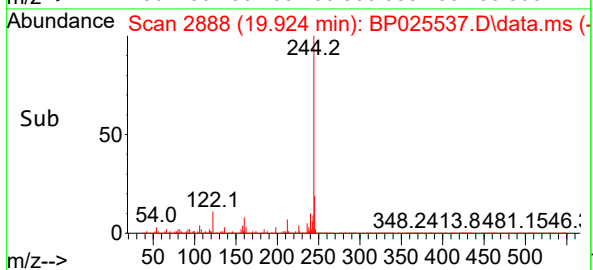
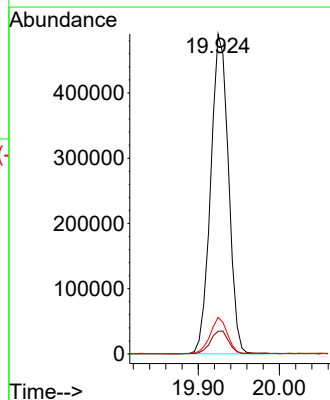
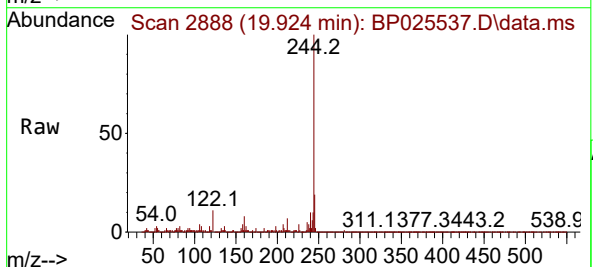
Instrument :
BNA_P
ClientSampleId :
TG-S05

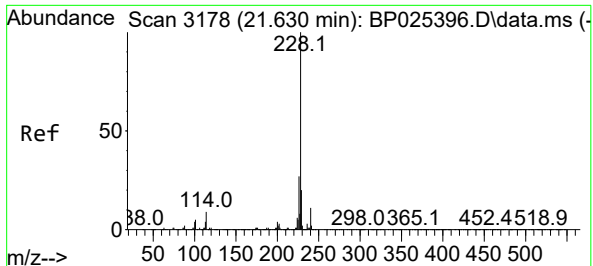
Tgt Ion:202 Resp: 387173
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 14.2 21.2



#79
Terphenyl-d14
Concen: 14.891 ng
RT: 19.924 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:244 Resp: 745273
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.5 7.4 11.2#

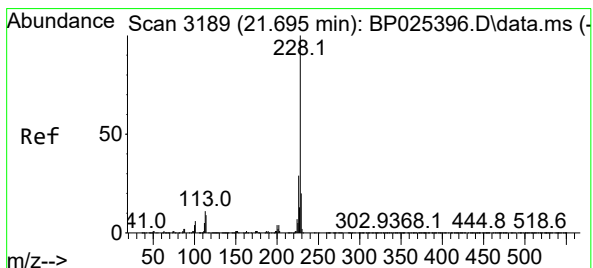
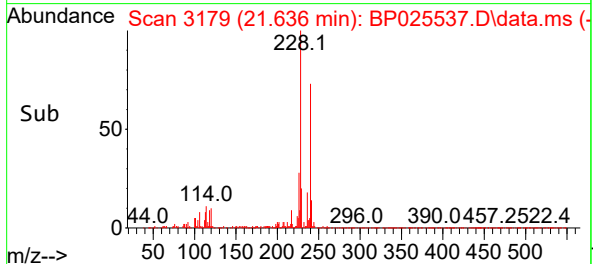
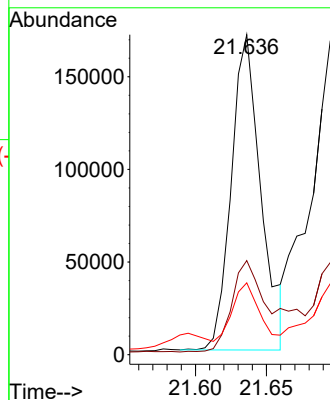
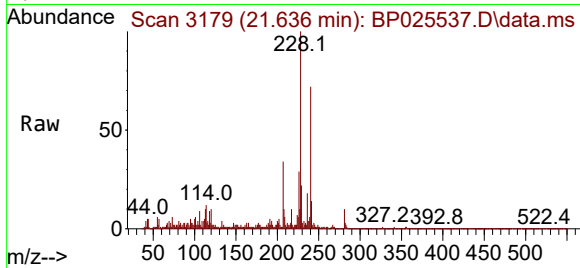




#81
Benzo(a)anthracene
Concen: 4.091 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

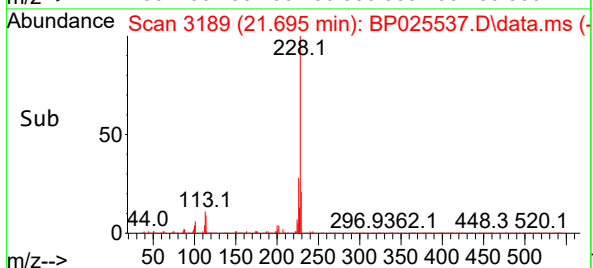
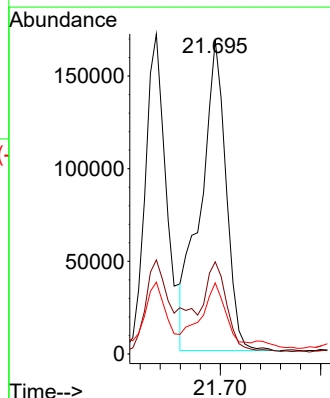
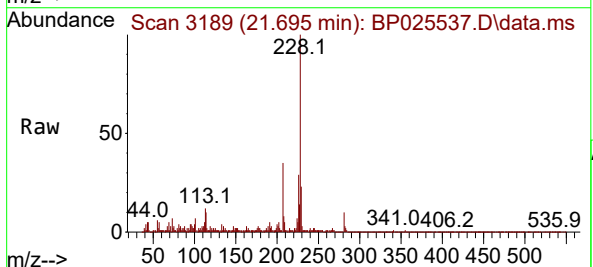
Instrument :
BNA_P
ClientSampleId :
TG-S05

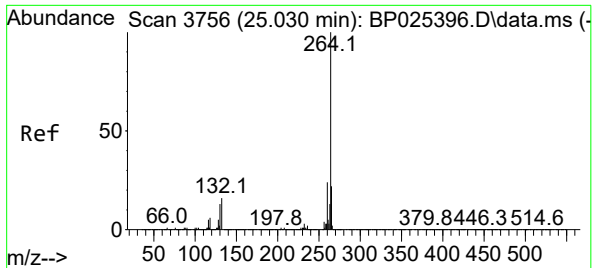
Tgt Ion:228 Resp: 247055
Ion Ratio Lower Upper
228 100
226 29.4 21.7 32.5
229 22.4 15.6 23.4



#83
Chrysene
Concen: 5.219 ng
RT: 21.695 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:228 Resp: 295150
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 22.6 15.6 23.4

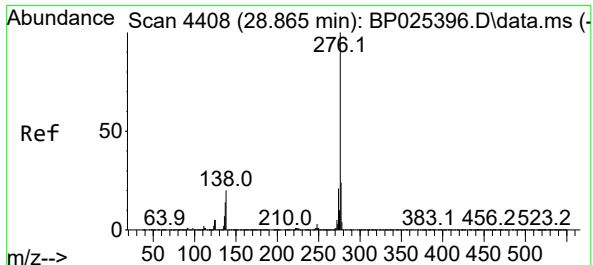
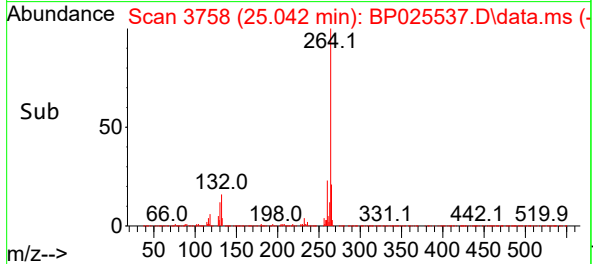
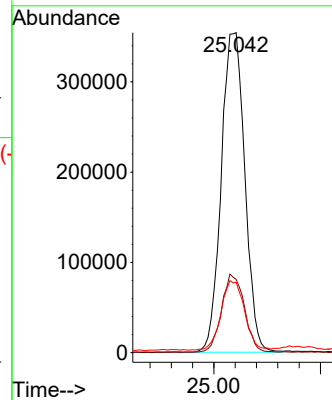
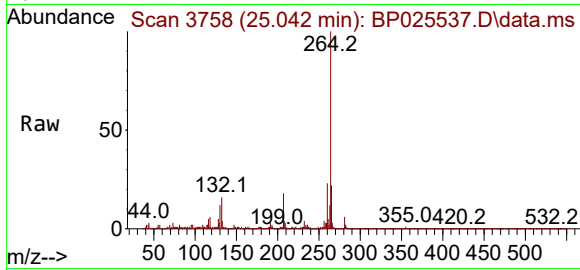




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.042 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP025537.D
 Acq: 21 Aug 2025 12:53

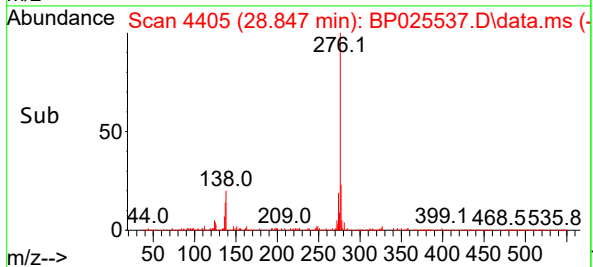
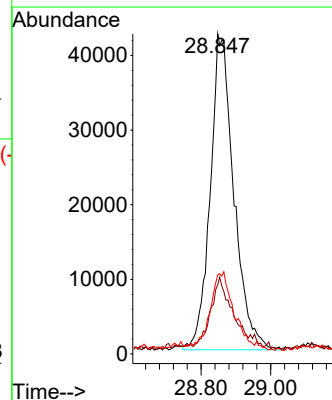
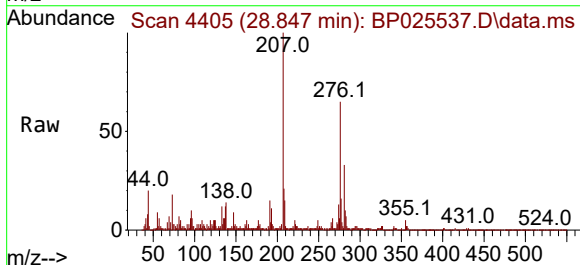
Instrument :
 BNA_P
 ClientSampleId :
 TG-S05

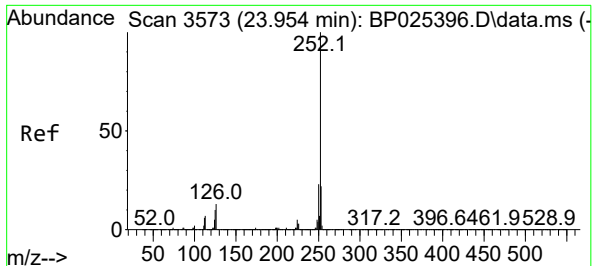
Tgt Ion:264 Resp: 1087701
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 22.0 17.4 26.0



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.504 ng
 RT: 28.847 min Scan# 4405
 Delta R.T. -0.018 min
 Lab File: BP025537.D
 Acq: 21 Aug 2025 12:53

Tgt Ion:276 Resp: 199747
 Ion Ratio Lower Upper
 276 100
 138 19.4 12.9 19.3#
 277 22.6 17.0 25.6

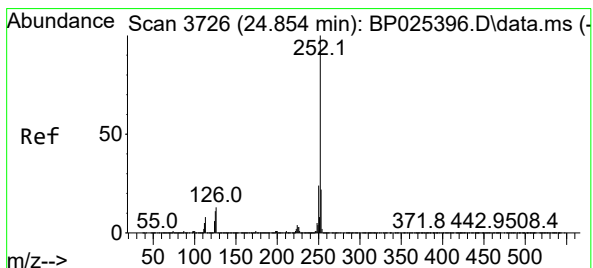
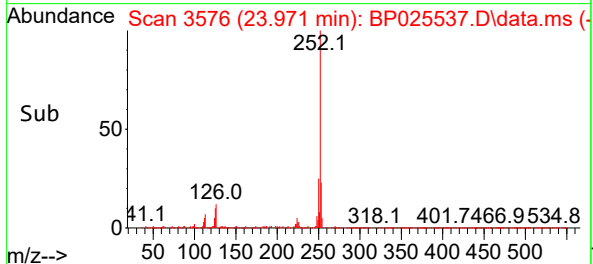
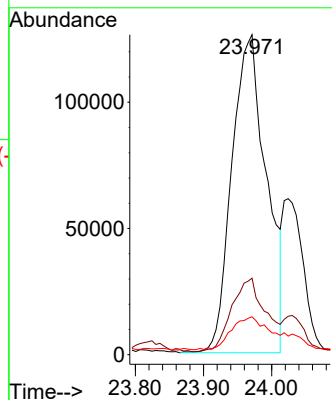
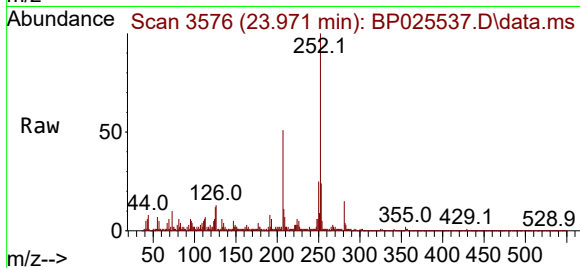




#88
Benzo(b)fluoranthene
Concen: 6.918 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

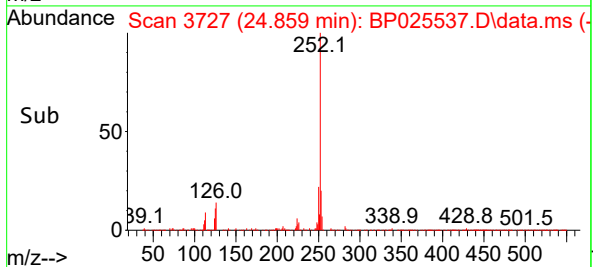
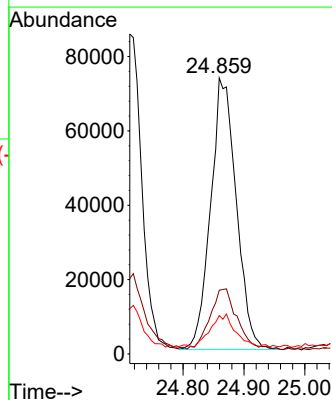
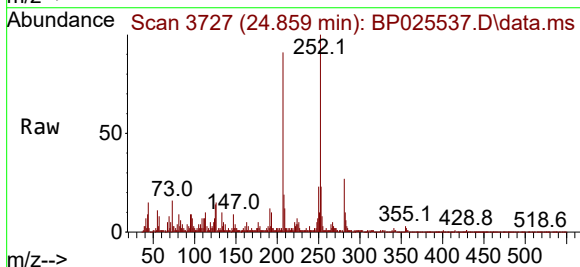
Instrument :
BNA_P
ClientSampleId :
TG-S05

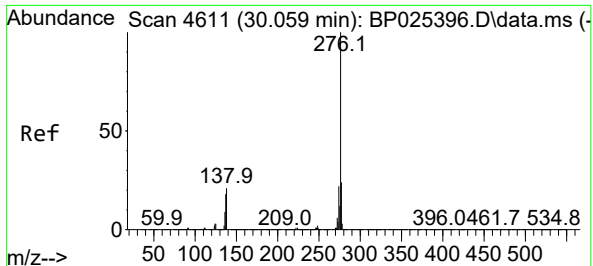
Tgt Ion:252 Resp: 443701
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 11.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 3.420 ng
RT: 24.859 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025537.D
Acq: 21 Aug 2025 12:53

Tgt Ion:252 Resp: 213524
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 13.9 8.7 13.1#





#92

Benzo(g,h,i)perylene

Concen: 3.075 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.035 min

Lab File: BP025537.D

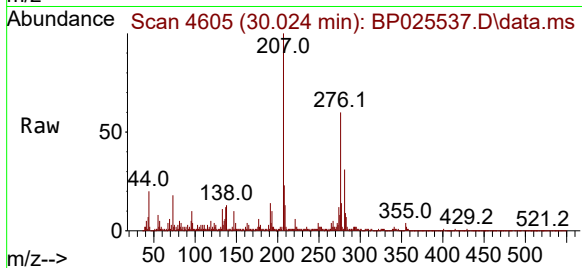
Acq: 21 Aug 2025 12:53

Instrument :

BNA_P

ClientSampleId :

TG-S05



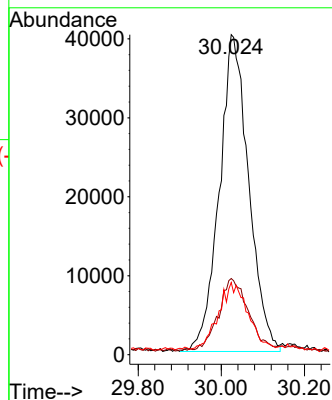
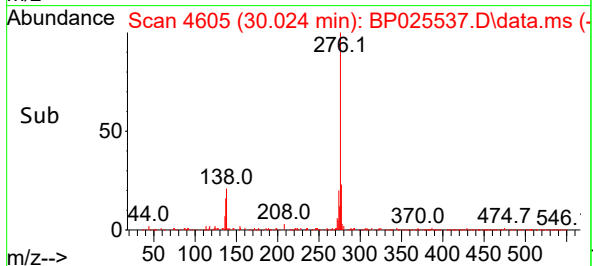
Tgt Ion:276 Resp: 197045

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 22.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025537.D
 Acq On : 21 Aug 2025 12:53
 Operator : CG/JU
 Sample : Q2832-09 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S05

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	27	rVB	435473	539999	16.49%	1.783%
2	4.943	335	341	346	rBV	60640	91587	2.80%	0.302%
3	5.402	413	419	427	rBV	483160	716141	21.87%	2.365%
4	5.837	486	493	496	rBV3	20678	33725	1.03%	0.111%
5	6.790	646	655	661	rBV3	13083	35844	1.09%	0.118%
6	6.960	676	684	692	rBV	479602	802470	24.51%	2.650%
7	7.443	755	766	769	rBV2	16103	39805	1.22%	0.131%
8	7.784	817	824	833	rBV	703300	1098528	33.55%	3.627%
9	8.925	1008	1018	1024	rBV	361507	609303	18.61%	2.012%
10	10.548	1286	1294	1300	rBV	882847	1522593	46.50%	5.028%
11	10.601	1300	1303	1308	rVB	46598	70360	2.15%	0.232%
12	10.719	1319	1323	1329	rVB2	23778	35827	1.09%	0.118%
13	11.472	1443	1451	1457	rBV10	13306	35603	1.09%	0.118%
14	11.584	1464	1470	1475	rBV	50356	85504	2.61%	0.282%
15	11.978	1532	1537	1542	rBV	36817	60654	1.85%	0.200%
16	12.207	1570	1576	1584	rVB	68753	130471	3.98%	0.431%
17	12.431	1608	1614	1619	rBV	73875	118369	3.62%	0.391%
18	12.672	1647	1655	1661	rBV9	14426	38190	1.17%	0.126%
19	12.931	1695	1699	1705	rVB	31823	51535	1.57%	0.170%
20	13.013	1705	1713	1722	rBV	895563	1492890	45.60%	4.930%
21	13.219	1741	1748	1753	rBV	67626	101619	3.10%	0.336%
22	13.554	1800	1805	1806	rBV2	25439	36178	1.10%	0.119%
23	13.719	1828	1833	1838	rBV2	77238	126089	3.85%	0.416%
24	13.772	1838	1842	1847	rVB	65704	87583	2.67%	0.289%
25	13.819	1847	1850	1858	rBV8	15387	33135	1.01%	0.109%
26	13.889	1858	1862	1866	rVB2	46672	67109	2.05%	0.222%
27	13.954	1866	1873	1876	rBV2	39565	71280	2.18%	0.235%
28	14.119	1896	1901	1908	rVB	100631	142732	4.36%	0.471%
29	14.231	1915	1920	1926	rVB9	16696	33490	1.02%	0.111%
30	14.307	1929	1933	1937	rVB	63156	78064	2.38%	0.258%
31	14.401	1940	1949	1955	rBV	1326389	1979410	60.46%	6.536%
32	14.807	2013	2018	2025	rVB2	79297	132760	4.05%	0.438%
33	14.878	2025	2030	2035	rVB2	40774	64716	1.98%	0.214%
34	14.948	2036	2042	2048	rVB6	27072	51636	1.58%	0.171%
35	15.031	2050	2056	2057	rBV3	32456	48808	1.49%	0.161%
36	15.089	2062	2066	2070	rVB2	39904	48538	1.48%	0.160%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025537.D
 Acq On : 21 Aug 2025 12:53
 Operator : CG/JU
 Sample : Q2832-09 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S05

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_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.207	2080	2086	2094	rVV4	57156	145680	4.45%	0.481%
38	15.272	2094	2097	2102	rVB2	75853	103169	3.15%	0.341%
39	15.460	2125	2129	2133	rBV2	64381	99158	3.03%	0.327%
40	15.501	2134	2136	2143	rVB5	21852	39943	1.22%	0.132%
41	15.689	2163	2168	2172	rBV2	45008	69840	2.13%	0.231%
42	15.778	2176	2183	2191	rVB2	138017	260236	7.95%	0.859%
43	15.907	2199	2205	2215	rBV2	624236	984798	30.08%	3.252%
44	16.001	2215	2221	2230	rVB5	32135	80078	2.45%	0.264%
45	16.160	2243	2248	2249	rBV2	146577	156367	4.78%	0.516%
46	16.183	2250	2252	2257	rVB	132177	159653	4.88%	0.527%
47	16.295	2267	2271	2276	rBV6	20870	44291	1.35%	0.146%
48	16.730	2341	2345	2350	rBV5	46718	87925	2.69%	0.290%
49	16.854	2362	2366	2373	rVB4	58678	100877	3.08%	0.333%
50	16.930	2374	2379	2383	rVV3	45292	103696	3.17%	0.342%
51	16.972	2383	2386	2390	rVV2	115293	160703	4.91%	0.531%
52	17.025	2390	2395	2403	rVB5	53388	121387	3.71%	0.401%
53	17.207	2419	2426	2430	rBV	1513500	2252062	68.78%	7.436%
54	17.248	2430	2433	2438	rVB	413657	516615	15.78%	1.706%
55	17.336	2444	2448	2454	rVB	139630	193506	5.91%	0.639%
56	17.395	2455	2458	2465	rVB6	36662	67145	2.05%	0.222%
57	17.619	2493	2496	2500	rVB	34078	39412	1.20%	0.130%
58	17.736	2513	2516	2521	rVB2	118918	132936	4.06%	0.439%
59	17.801	2525	2527	2532	rVB	37526	44629	1.36%	0.147%
60	17.907	2543	2545	2550	rVB5	37214	39843	1.22%	0.132%
61	18.107	2575	2579	2581	rBV	100088	114139	3.49%	0.377%
62	18.148	2581	2586	2593	rVB2	366656	686801	20.98%	2.268%
63	18.307	2608	2613	2617	rBV2	151435	258114	7.88%	0.852%
64	18.354	2617	2621	2628	rVB	100502	155627	4.75%	0.514%
65	18.454	2633	2638	2645	rVV	123501	193144	5.90%	0.638%
66	18.624	2664	2667	2671	rBV	73421	95418	2.91%	0.315%
67	18.666	2671	2674	2682	rVB3	58206	99527	3.04%	0.329%
68	18.936	2716	2720	2723	rBV	49611	68858	2.10%	0.227%
69	19.060	2737	2741	2746	rBV2	137320	222361	6.79%	0.734%
70	19.119	2747	2751	2755	rVV2	142908	211139	6.45%	0.697%
71	19.160	2756	2758	2762	rVV2	68466	89633	2.74%	0.296%
72	19.207	2763	2766	2773	rVB3	89961	146998	4.49%	0.485%
73	19.324	2782	2786	2795	rVB	720853	1035305	31.62%	3.419%
74	19.472	2808	2811	2818	rBV3	135833	250524	7.65%	0.827%
75	19.707	2846	2851	2860	rVB	658365	976179	29.81%	3.223%
76	19.924	2883	2888	2899	rVB	1351515	2158007	65.91%	7.126%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.271	2945	2947	2952	rBV3	106804	133935	4.09%	0.442%
78	21.318	3122	3125	3130	rBV4	158106	249019	7.61%	0.822%
79	21.654	3175	3182	3186	rBV2	1817233	3274151	100.00%	10.811%
80	21.695	3187	3189	3200	rVB	407773	564333	17.24%	1.863%
81	25.042	3749	3758	3766	rVB2	887974	2584560	78.94%	8.534%

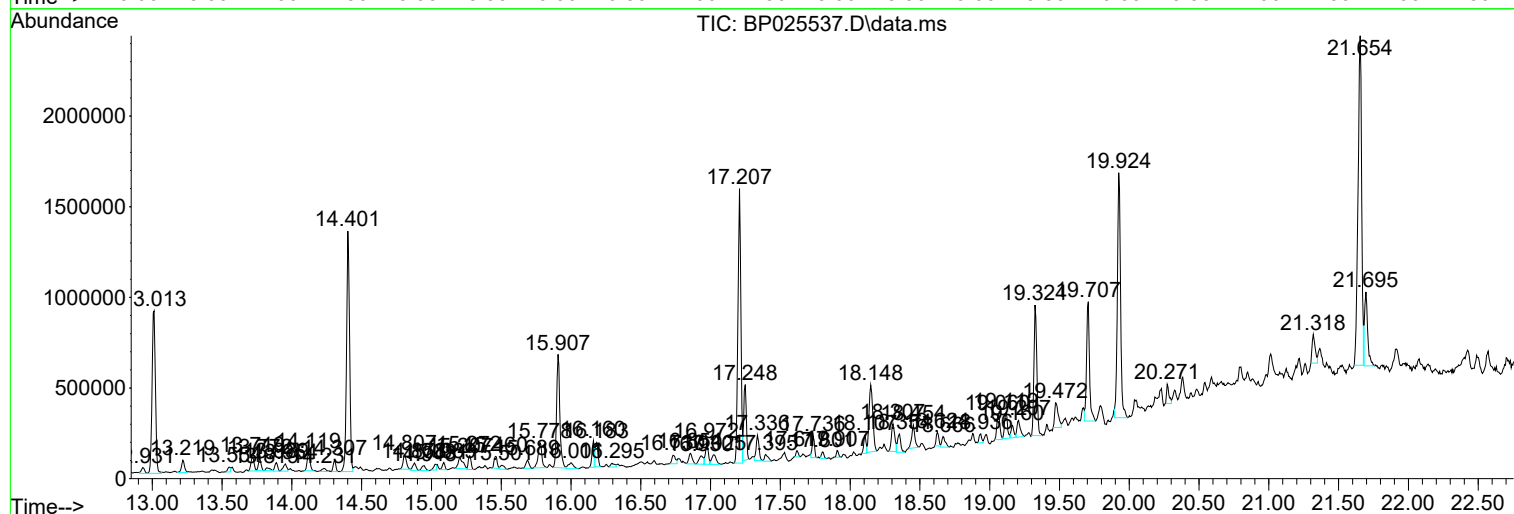
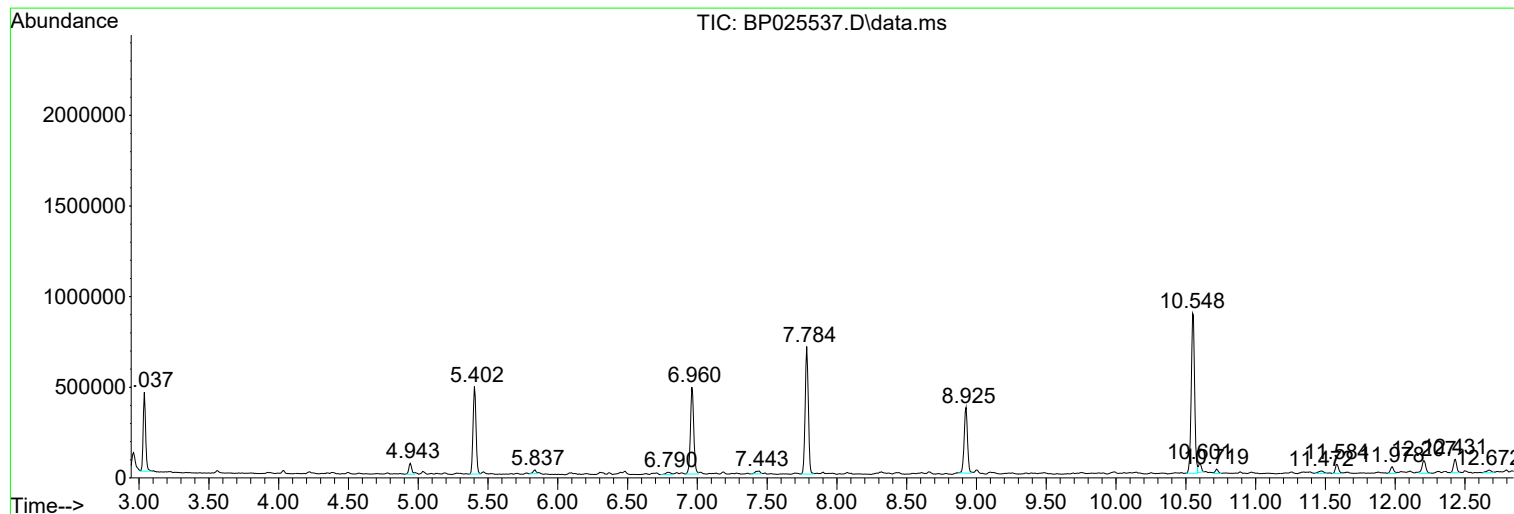
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

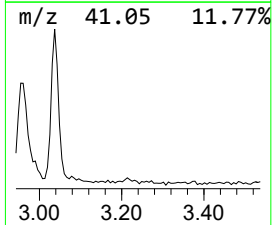
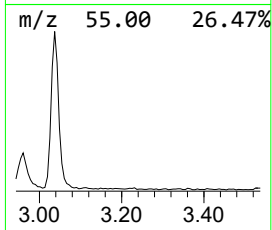
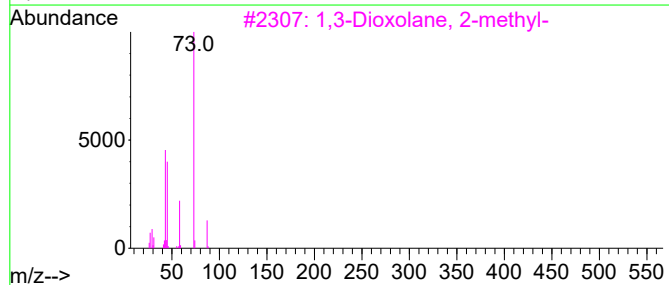
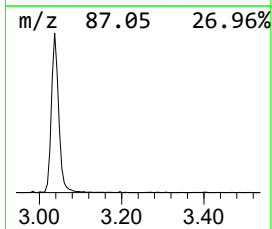
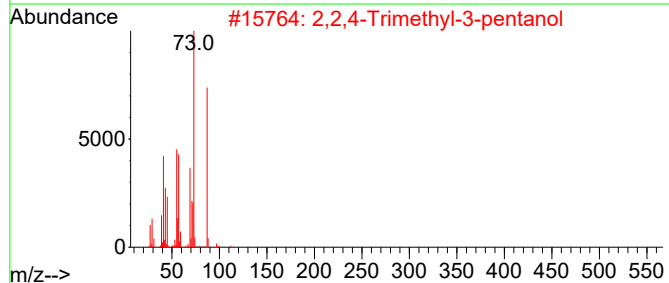
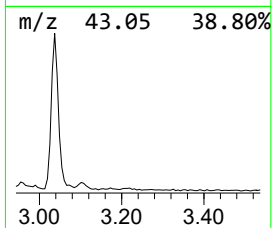
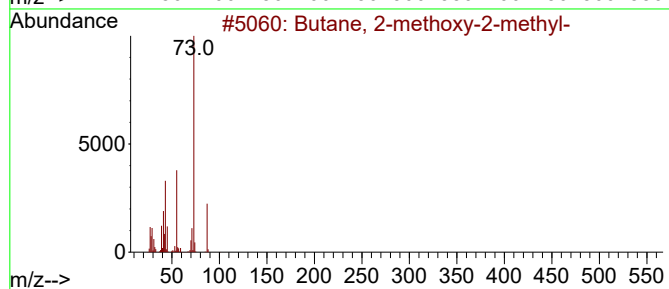
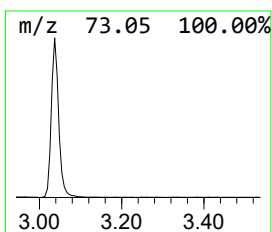
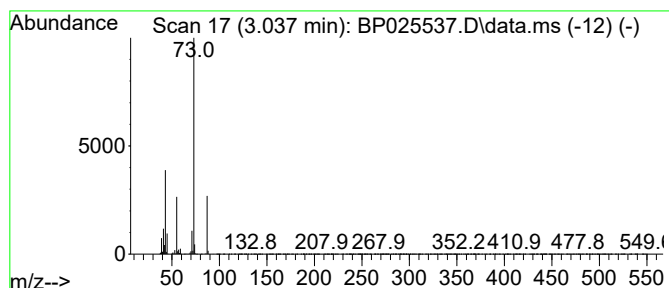
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	9.83 ng	539999	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

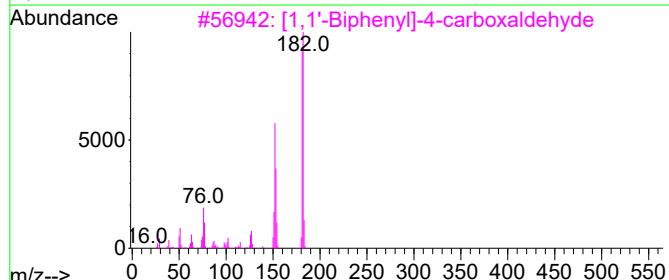
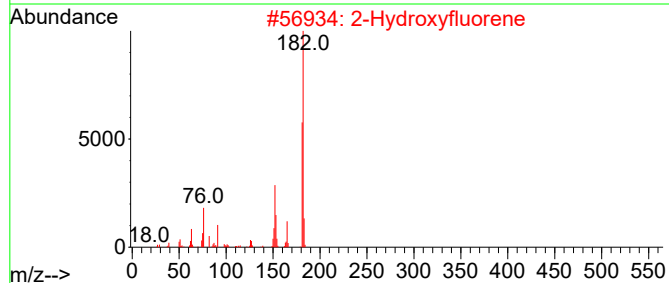
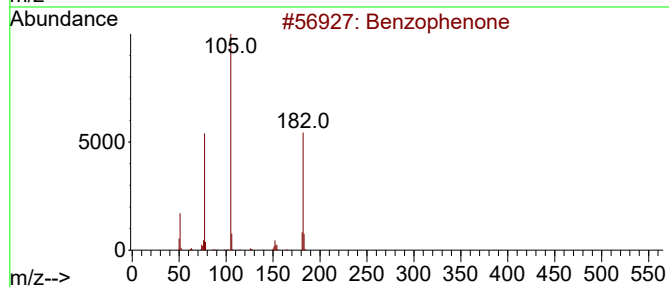
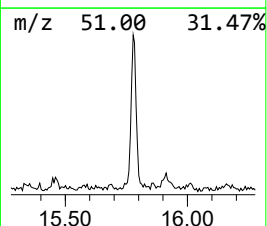
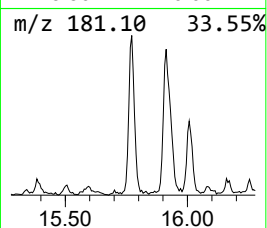
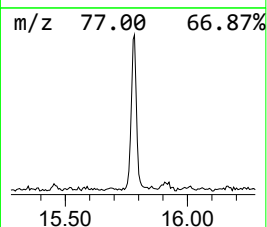
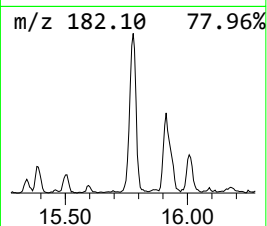
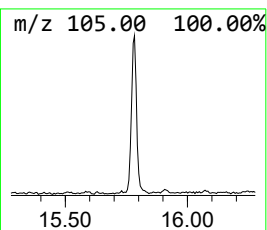
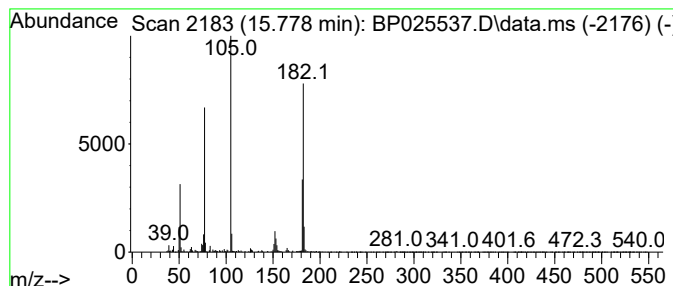
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	2.63 ng	260236	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			2-Hydroxyfluorene	182	C13H10O	002443-58-5	53
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

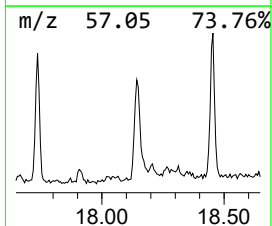
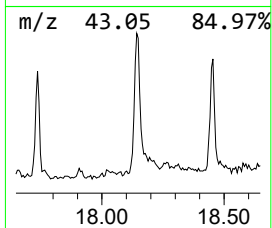
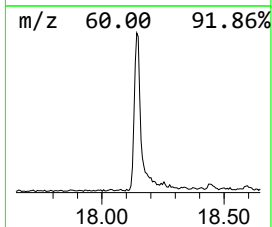
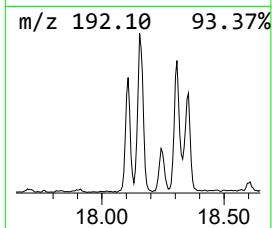
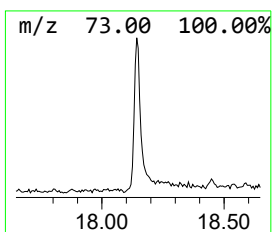
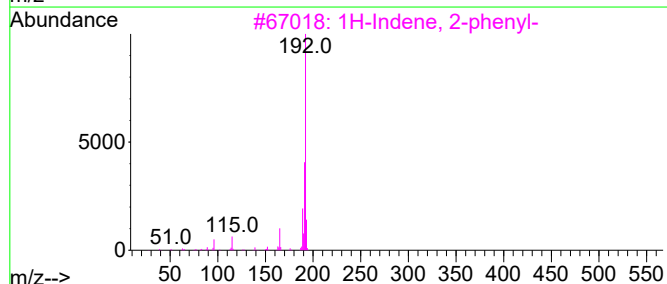
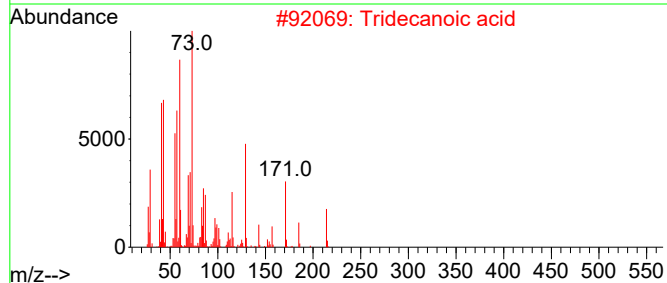
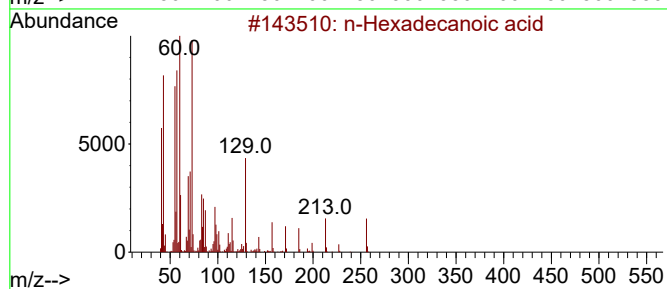
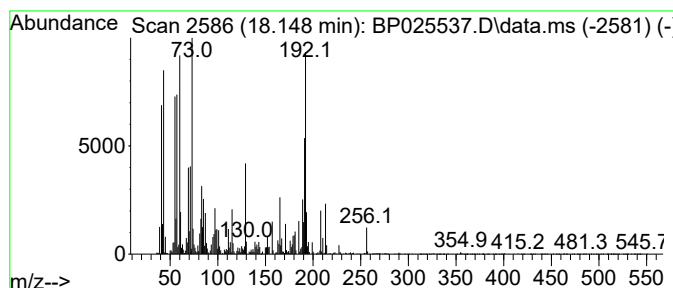
Instrument :
BNA_P
ClientSampleId :
TG-S05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.148	6.10 ng	686801	Phenanthrene-d10		17.207	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tridecanoic acid		214	C13H26O2	000638-53-9	78
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	58
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	52
5	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

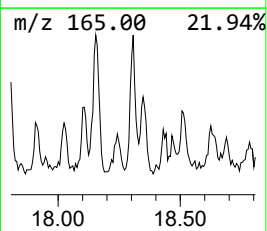
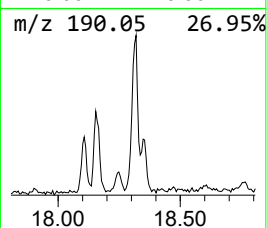
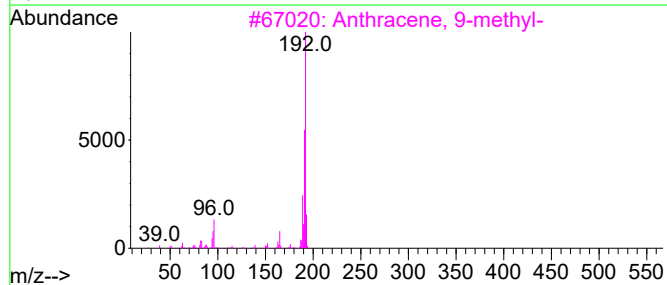
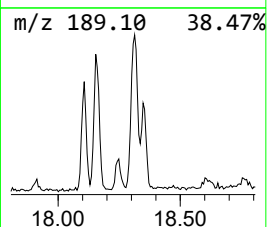
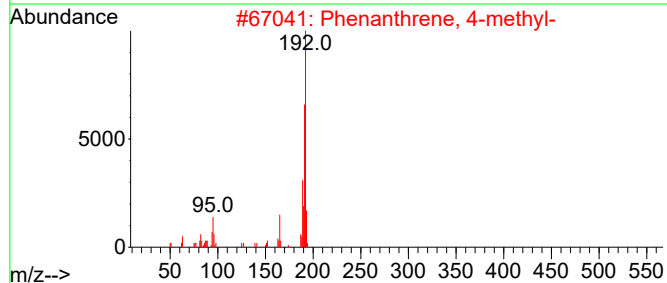
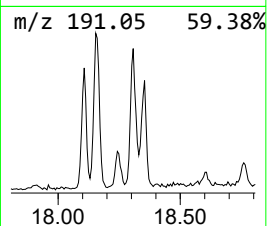
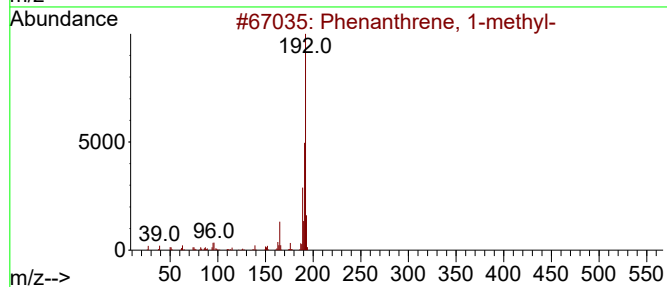
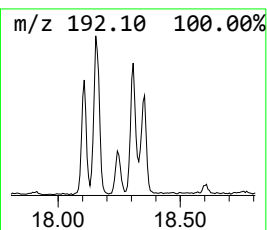
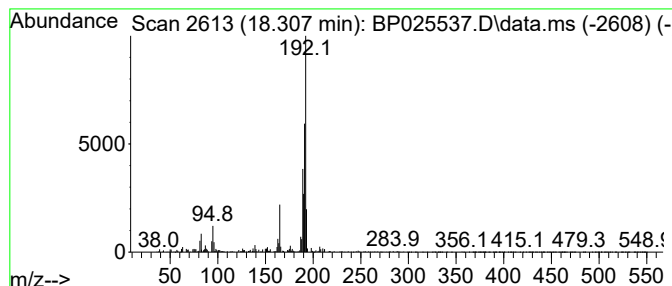
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	2.29 ng	258114	Phenanthrene-d10	17.207

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025537.D
Acq On : 21 Aug 2025 12:53
Operator : CG/JU
Sample : Q2832-09 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.037	9.8	ng	539999	1	7.784	1098530	20.0
Benzophenone	15.778	2.6	ng	260236	3	14.401	1979410	20.0
n-Hexadecanoic ...	18.148	6.1	ng	686801	4	17.207	2252060	20.0
Phenanthrene, 1...	18.307	2.3	ng	258114	4	17.207	2252060	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: PORT06Lab Code: ACESDG No.: Q2832Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D			RRF005 = BP025393.D		RRF010 = BP025394.D	
		RRF020 = BP025395.D			RRF040 = BP025396.D		RRF050 = BP025397.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl) ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy) methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: PORT06Lab Code: ACESDG No.: Q2832Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D			RRF005 = BP025393.D		RRF010 = BP025394.D	
		RRF020 = BP025395.D			RRF040 = BP025396.D		RRF050 = BP025397.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Benzo (a) anthracene		1.384	1.302	1.313	1.268	1.359	1.319	3.2
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis (2-ethylhexyl) phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Benzo (b) fluoranthene		1.203	1.126	1.171	1.134	1.250	1.179	3.6
Benzo (k) fluoranthene		1.202	1.157	1.200	1.130	1.226	1.180	3.2
Benzo (a) pyrene		1.139	1.093	1.150	1.108	1.219	1.148	3.8
Indeno (1,2,3-cd) pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: PORT06Lab Code: ACESDG No.: Q2832Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D		RRF005 = BP025393.D		RRF010 = BP025394.D		
		RRF020 = BP025395.D		RRF040 = BP025396.D		RRF050 = BP025397.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo (g,h,i) perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 14 18:14:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP025399.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07	
3)	Pyridine	1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77	
4)	n-Nitrosodimet...		0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13	
5) S	2-Fluorophenol	1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42	
6)	Aniline	2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96	
7) S	Phenol-d6	1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16	
8)	2-Chlorophenol	1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83	
9)	Benzaldehyde		0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12	
10) C	Phenol	1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87	
11)	bis(2-Chloroet...	1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78	
12)	1,3-Dichlorobe...	1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07	
13) C	1,4-Dichlorobe...	1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12	
14)	1,2-Dichlorobe...	1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35	
15)	Benzyl Alcohol		1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83	
16)	2,2'-oxybis(1-...	1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96	
17)	2-Methylphenol	1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41	
18)	Hexachloroethane	0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13	
19) P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)	3+4-Methylphenols		1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96	
23) S	Nitrobenzene-d5	0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65	
24)	Nitrobenzene	0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21	
25)	Isophorone	0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70	
26) C	2-Nitrophenol	0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43	
27)	2,4-Dimethylph...	0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46	
28)	bis(2-Chloroet...	0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61	
29) C	2,4-Dichloroph...	0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71	
30)	1,2,4-Trichlor...	0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61	
31)	Naphthalene	1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06	
32)	Benzoic acid		0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20	
33)	4-Chloroaniline	0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19	
34) C	Hexachlorobuta...	0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05	
35)	Caprolactam		0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67	
36) C	4-Chloro-3-met...	0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85	
37)	2-Methylnaphth...	0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69	
38)	1-Methylnaphth...	0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00	
41) P	Hexachlorocycl...	0.274	0.313	0.348	0.387	0.388	0.383	0.349		13.46	
42) S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39	
43) C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56	
44)	2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52	
45) S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04	
46)	1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37	
47)	2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99	
48)	2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85	
49)	Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63	
50)	Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12	
51)	2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95	
52) C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93	
53)	3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56	
54) P	2,4-Dinitrophenol	0.114	0.140	0.163	0.186	0.192	0.194	0.165		19.83	
55)	Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40	
56) P	4-Nitrophenol	0.251	0.265	0.279	0.315	0.304	0.298	0.285		8.56	
57)	2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61	
58)	Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02	
59)	2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01	
60)	Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48	
61)	4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91	
62)	4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89	
63)	Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.096	0.113	0.123	0.139	0.139	0.138	0.125		14.21	
66) c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99	
67)	4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34	
68)	Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06	
69)	Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74	
70) C	Pentachlorophenol	0.135	0.154	0.157	0.177	0.171	0.172	0.161		9.76	
71)	Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88	
72)	Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37	
73)	Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32	
74)	Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86	
75) C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.642	0.642	0.967	0.664	0.608	0.573	0.683		20.94	
78)	Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00	
79) S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15	
80)	Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55	
81)	Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21	
82)	3,3'-Dichlorob...	0.482	0.507	0.488	0.521	0.506	0.480	0.497		3.31	
83)	Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49	
84)	Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73	
85) c	Di-n-octyl pht...	1.381	1.498	1.444	1.572	1.563	1.491	1.492		4.84	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)	Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)	Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90) C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)	Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)	Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

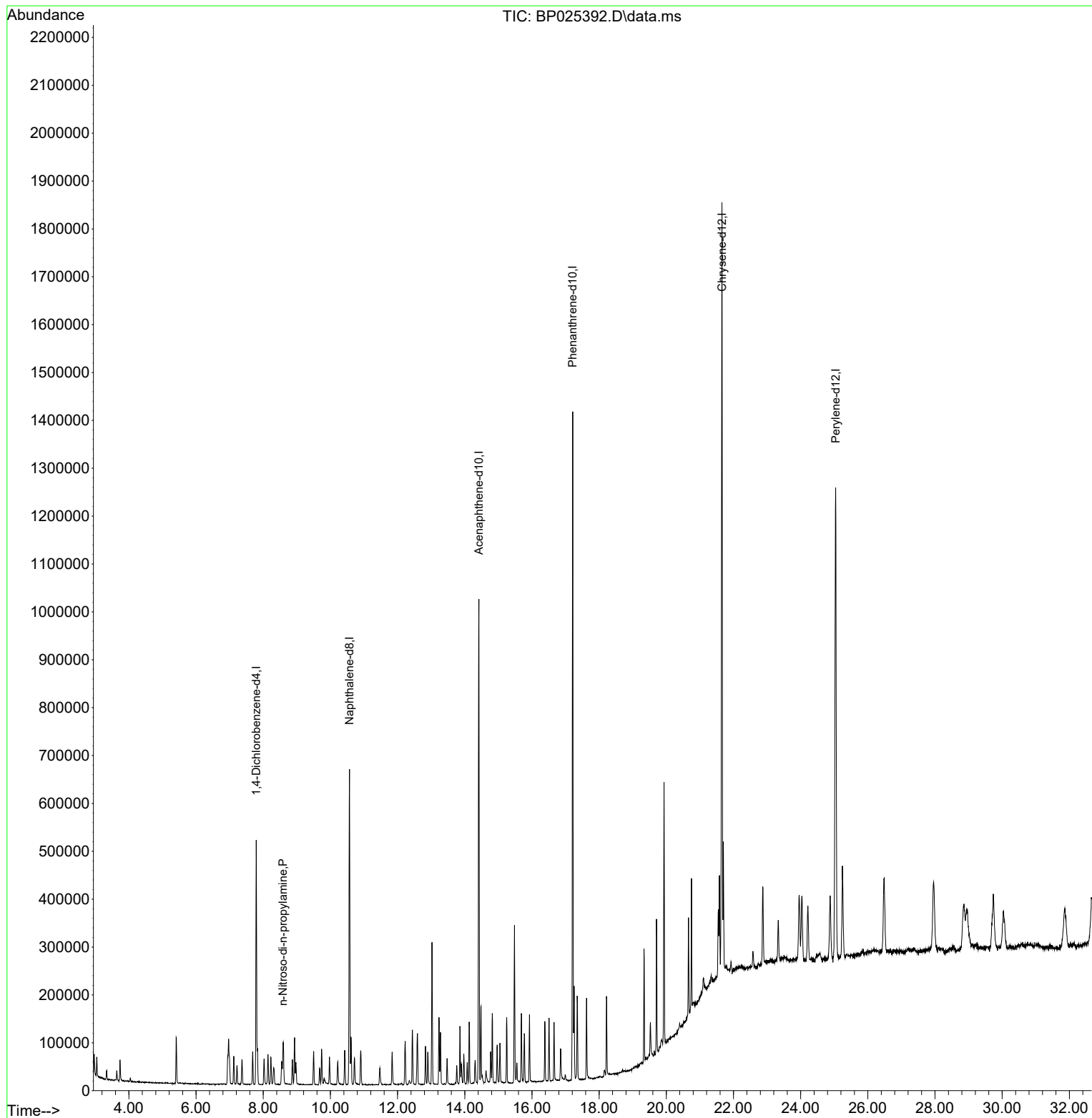
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	Qvalue 99

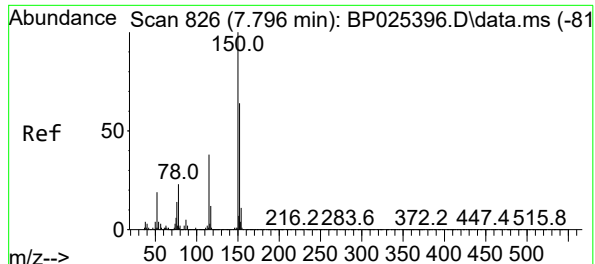
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

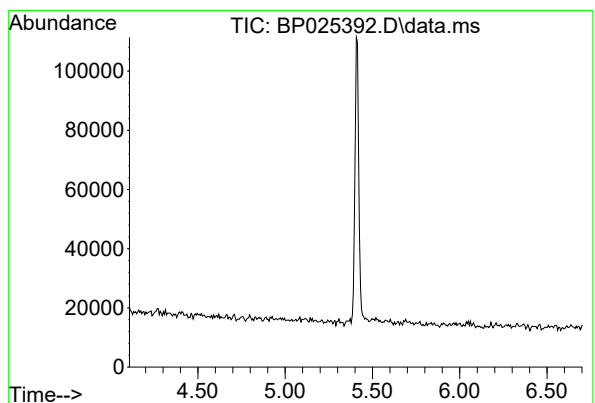
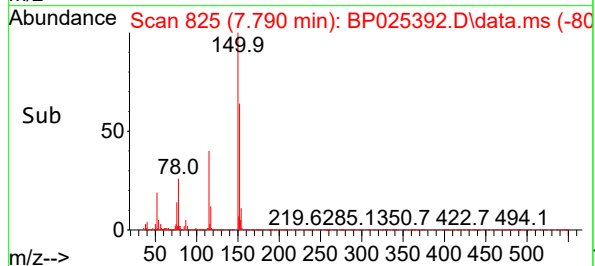
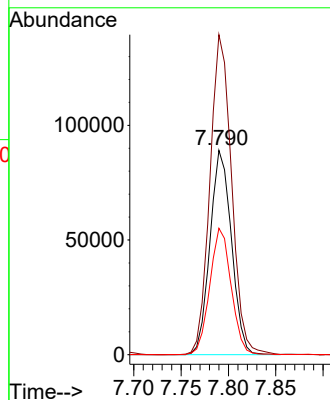
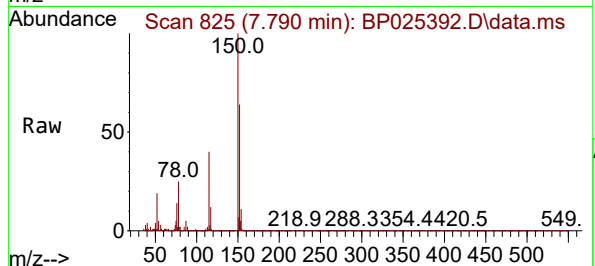




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

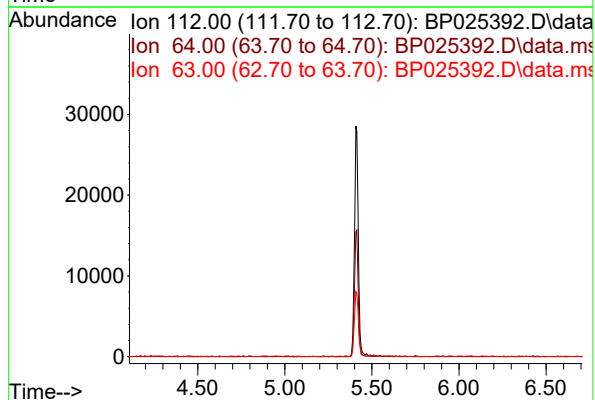
Tgt Ion:152 Resp: 140275
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 61.9 48.5 72.7

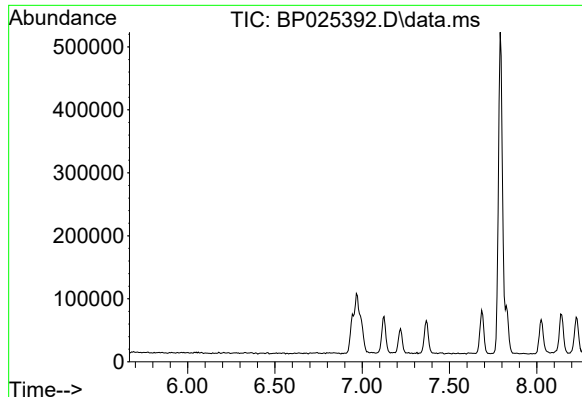


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.8
63 28.4

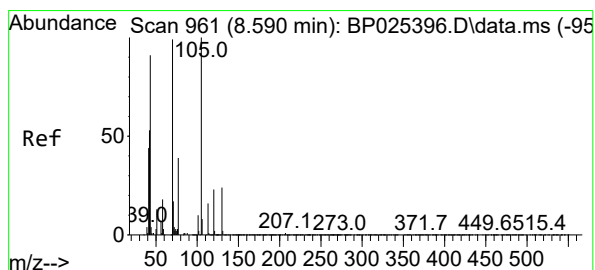
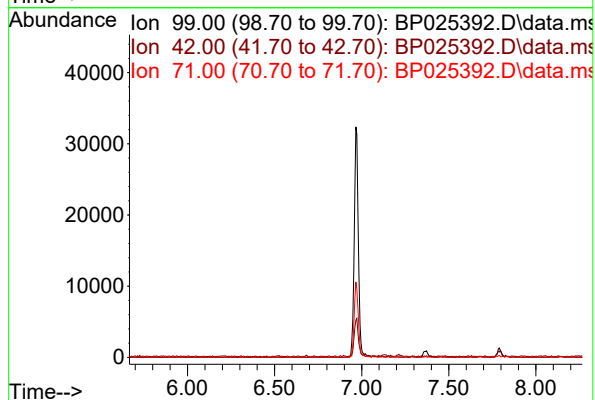




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

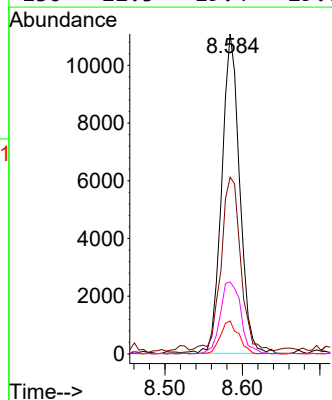
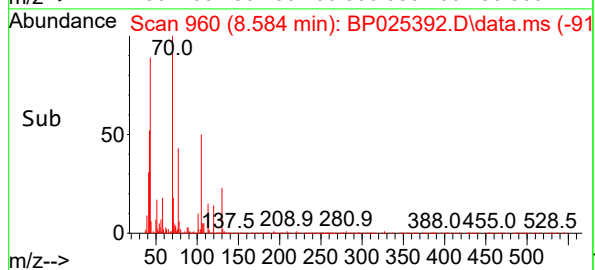
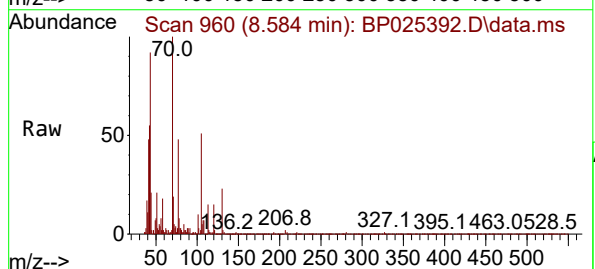
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

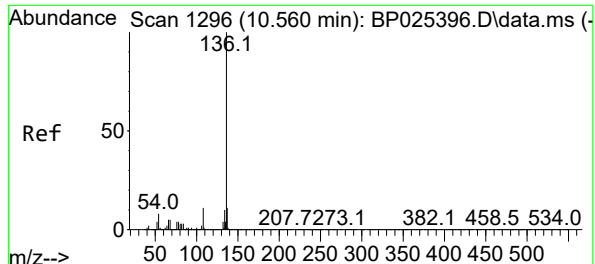
Tgt Ion: 99
Sig Exp Ratio
99 100
42 17.1
71 35.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781
Ion Ratio Lower Upper
70 100
42 55.2 43.8 65.6
101 10.3 8.5 12.7
130 22.5 19.4 29.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025392.D

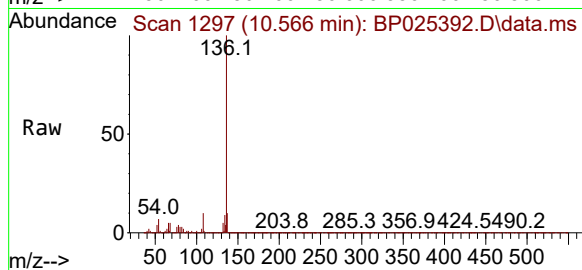
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 567766

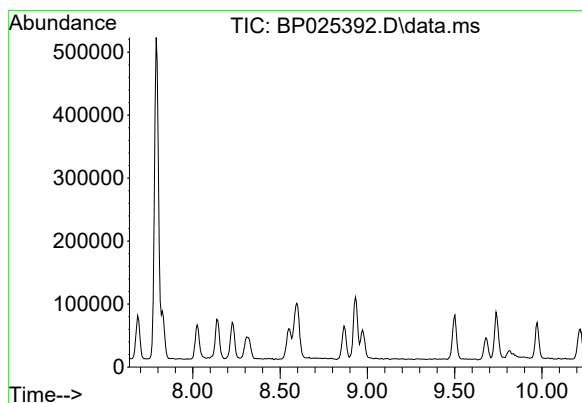
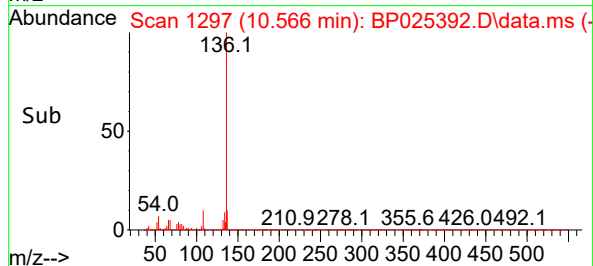
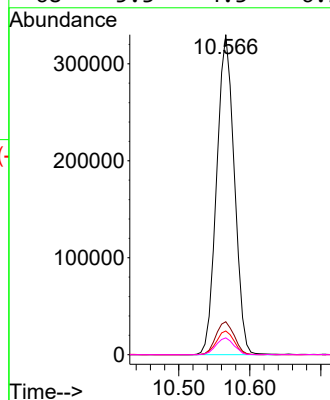
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.4 6.0 9.0

68 5.3 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.94 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

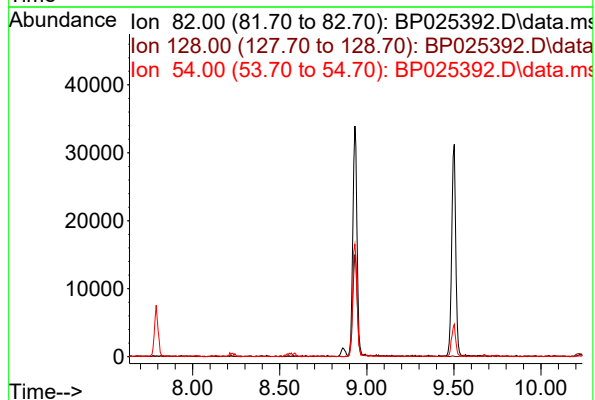
Tgt Ion: 82

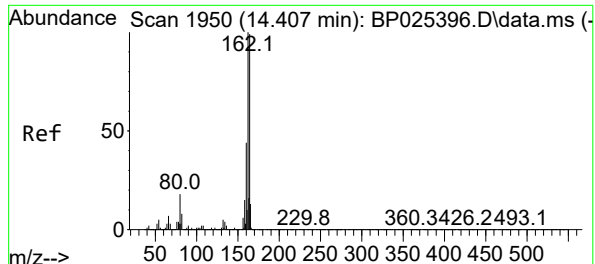
Sig Exp Ratio

82 100

128 47.1

54 49.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1952

Delta R.T. 0.012 min

Lab File: BP025392.D

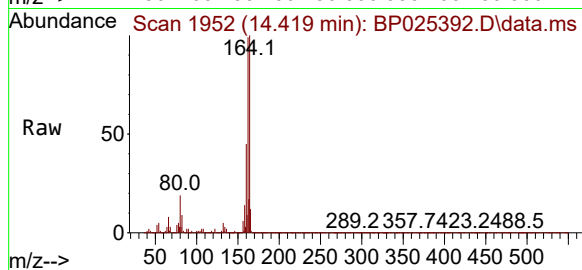
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



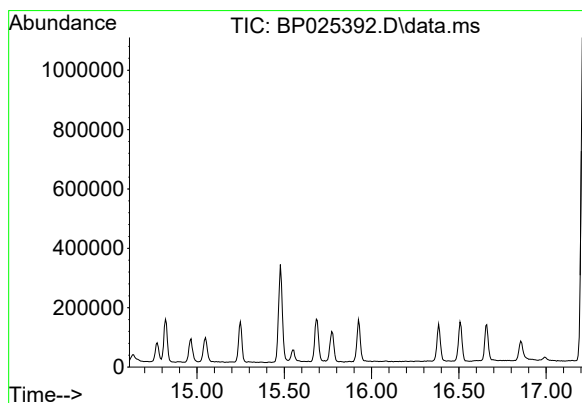
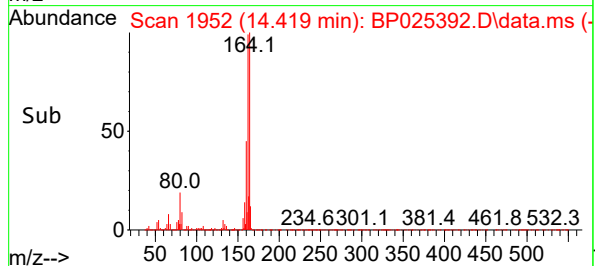
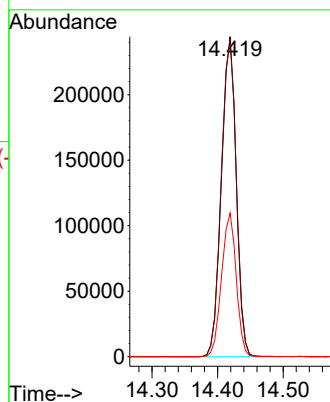
Tgt Ion:164 Resp: 380728

Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.6

160 44.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

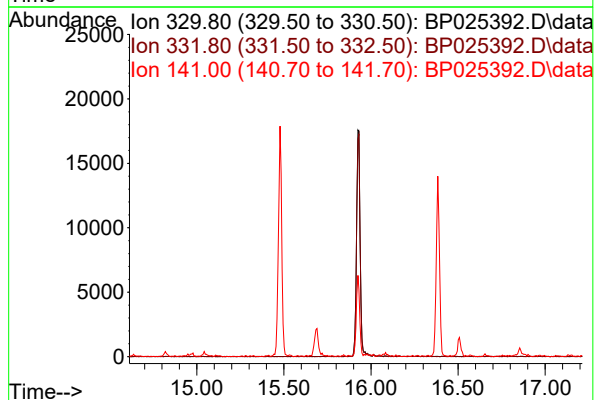
Tgt Ion: 330

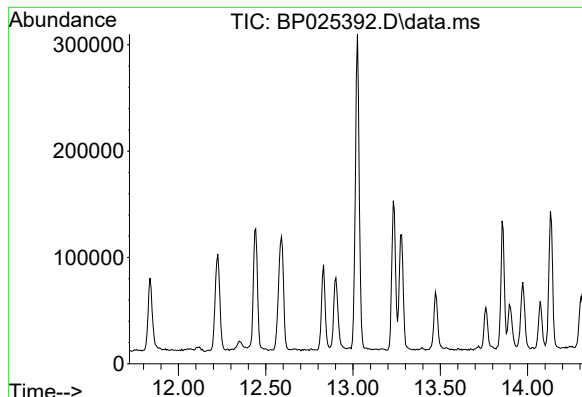
Sig Exp Ratio

330 100

332 96.6

141 33.2

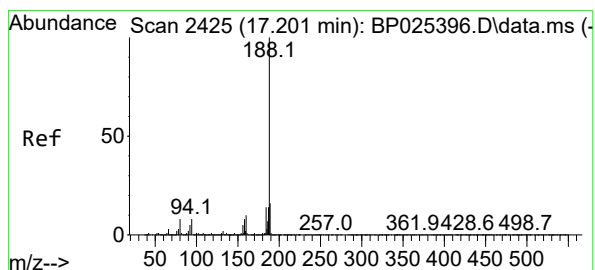
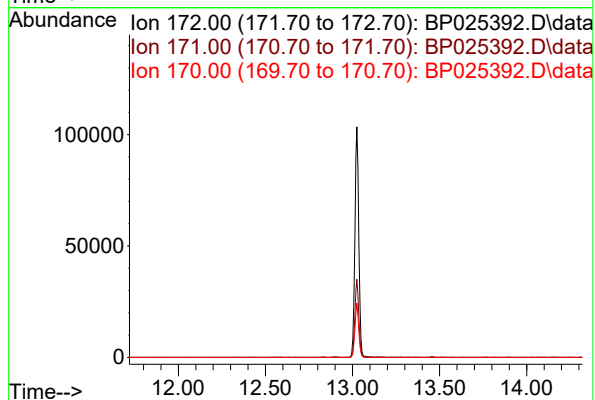




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

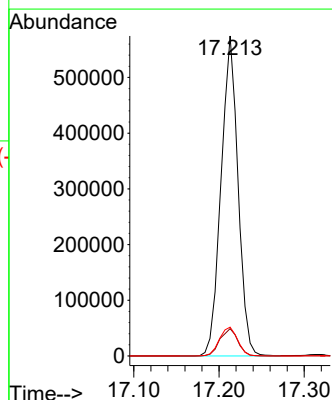
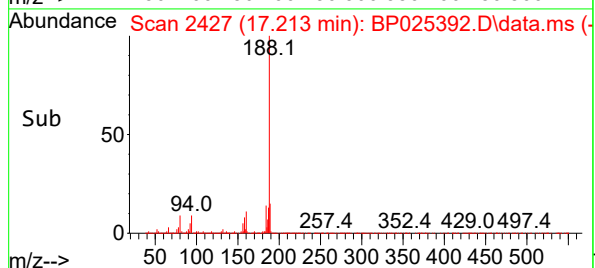
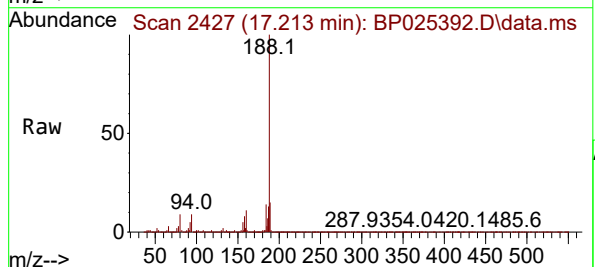
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

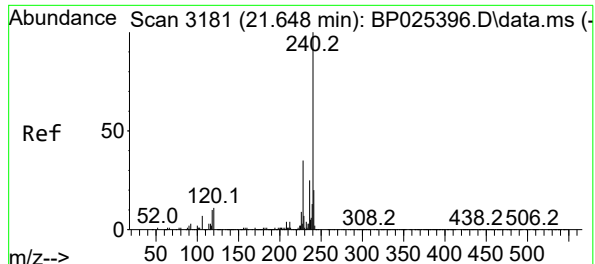
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 188 Resp: 796256
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.0 6.7 10.1

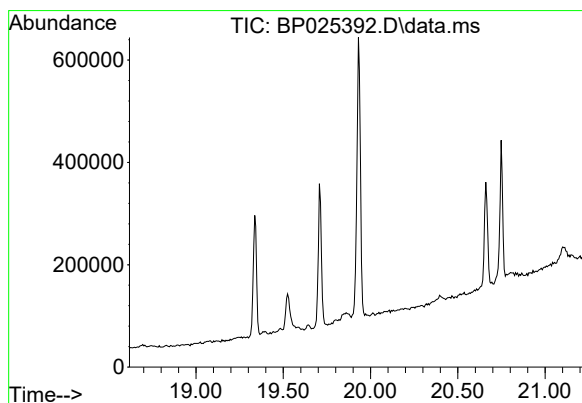
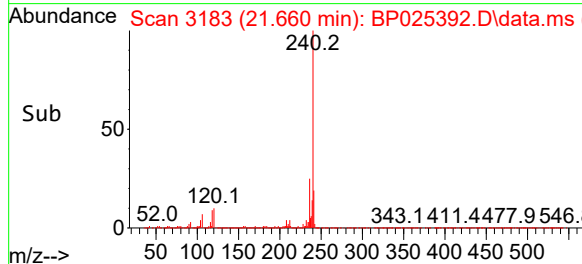
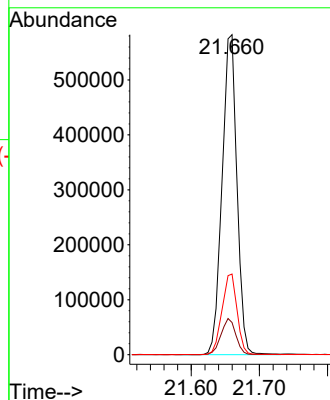
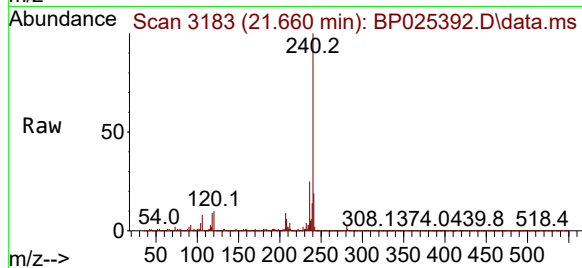




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

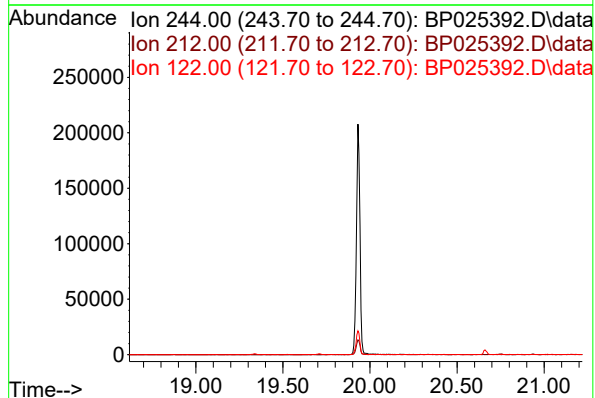
Tgt Ion: 240 Resp: 884747
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.2 19.8 29.8



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

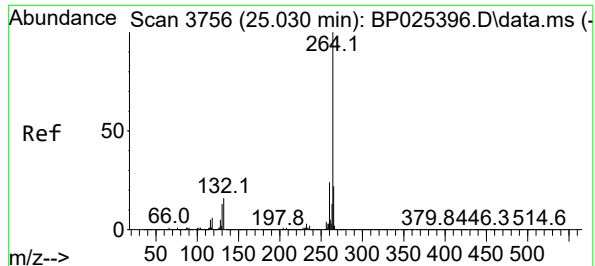
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 9.3



Ion 212.00 (211.70 to 212.70): BP025392.D\data.ms

Ion 122.00 (121.70 to 122.70): BP025392.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025392.D

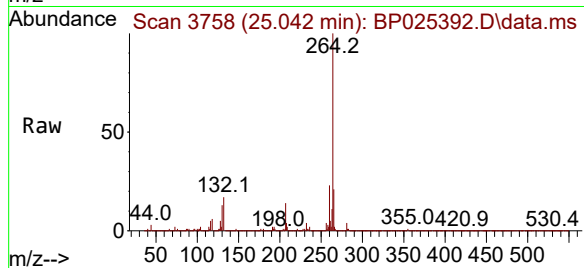
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



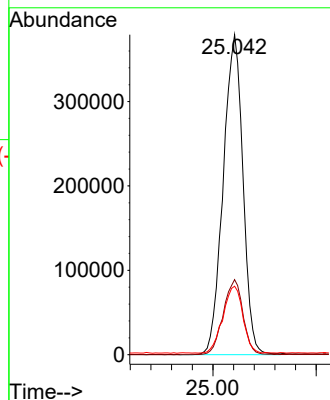
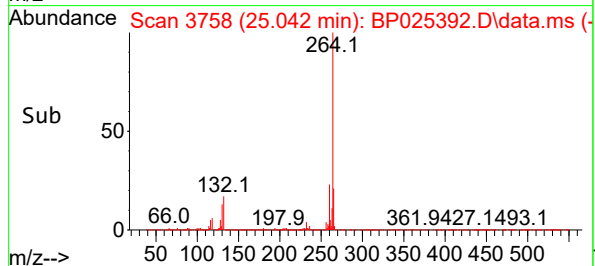
Tgt Ion:264 Resp: 1005304

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.4 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 17:44:43 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng	0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng	0.00
86) Perylene-d12	25.036	264	963881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	80645	10.227	ng	0.00
7) Phenol-d6	6.966	99	97106	9.605	ng	0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng	0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng	95
3) Pyridine	3.731	79	47347	5.600	ng	95
6) Aniline	7.119	93	68694	5.043	ng	100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng	98
10) Phenol	6.990	94	52186	4.919	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng	98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng	96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng	97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng	98
17) 2-Methylphenol	8.225	107	35186	4.776	ng	96
18) Hexachloroethane	8.866	117	18905	5.127	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng	95
22) Acetophenone	8.602	105	70986	5.134	ng	# 96
24) Nitrobenzene	8.972	77	48234	4.951	ng	99
25) Isophorone	9.496	82	101112	5.242	ng	98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng	95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng	98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng	94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng	97
31) Naphthalene	10.613	128	147346	5.141	ng	99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng	96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng	91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng	97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng	95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng	95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng	98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng	99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng	98
49) Acenaphthylene	14.125	152	187026	5.095	ng	99
50) Dimethylphthalate	13.860	163	153868	5.355	ng	99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

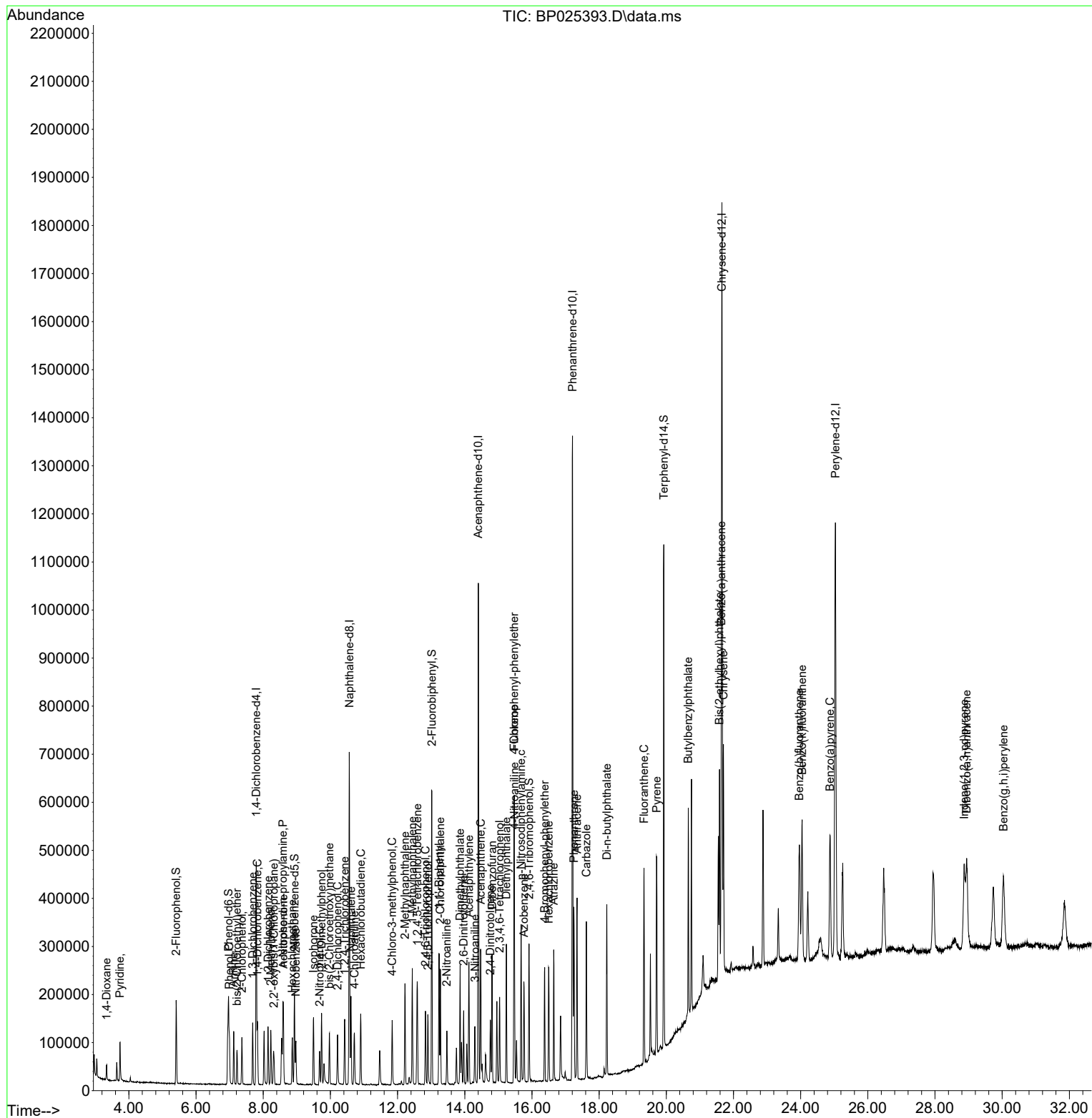
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Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

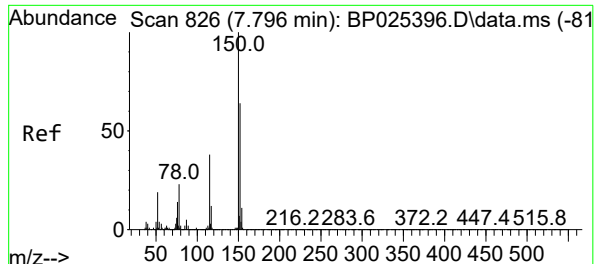
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

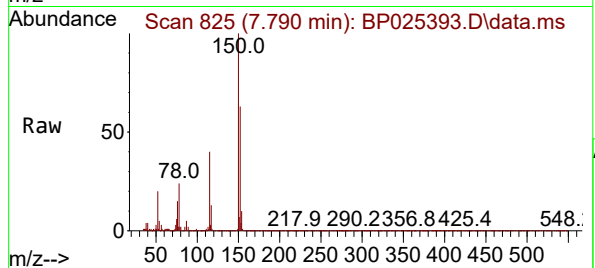
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

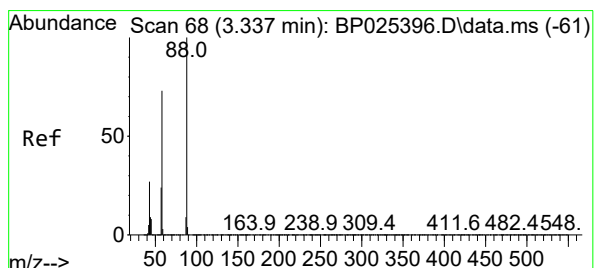
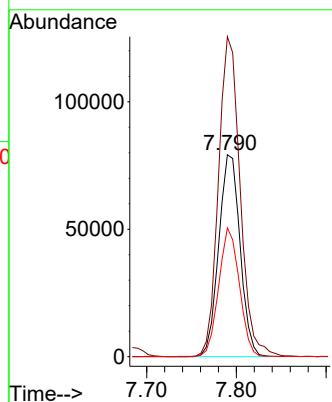
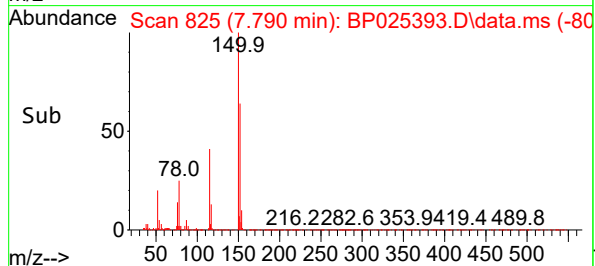
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 130958
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 63.8 48.5 72.7

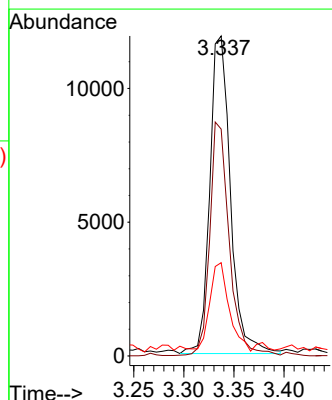
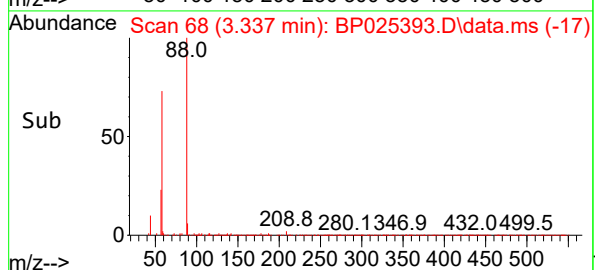
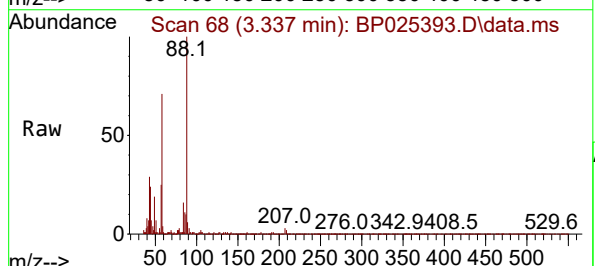
Manual Integrations
APPROVED

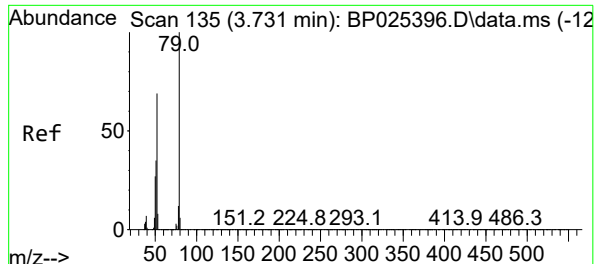
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

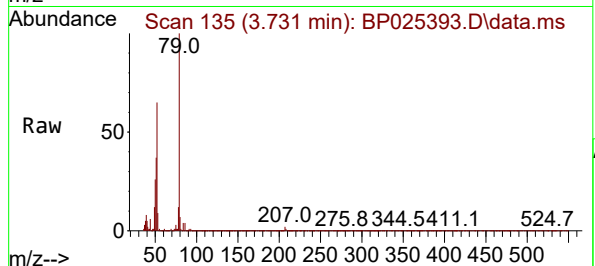
Tgt Ion: 88 Resp: 17016
Ion Ratio Lower Upper
88 100
58 69.1 59.2 88.8
43 26.1 21.7 32.5





#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

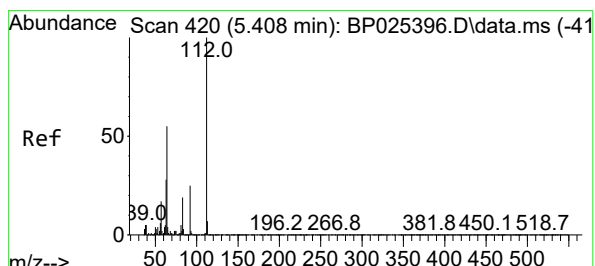
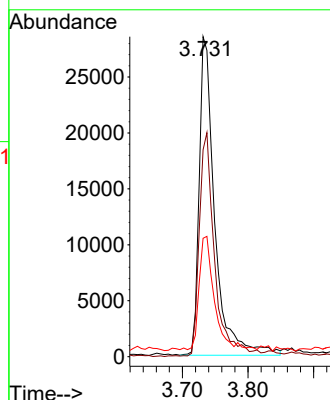
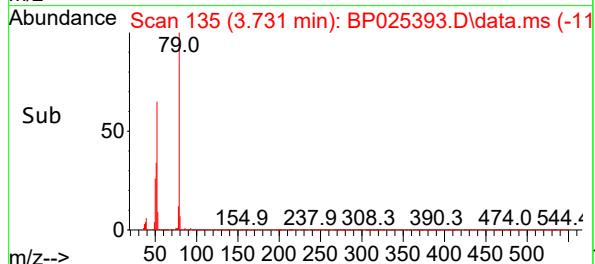
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 4734
Ion Ratio Lower Upper
79 100
52 64.7 55.5 83.3
51 37.0 28.3 42.5

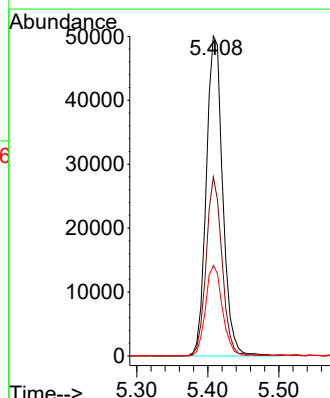
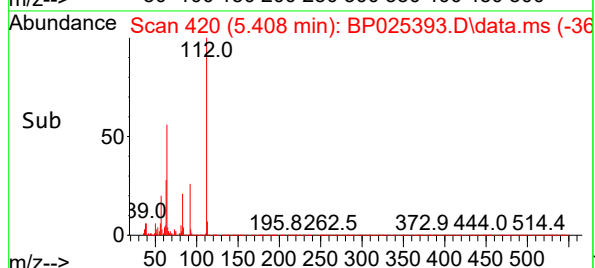
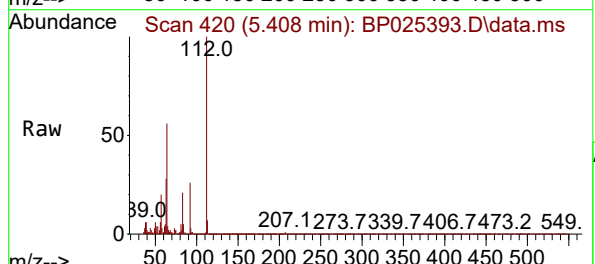
Manual Integrations
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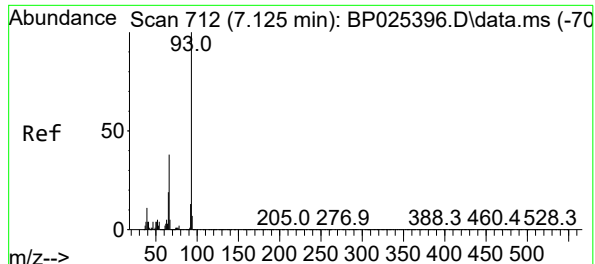
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

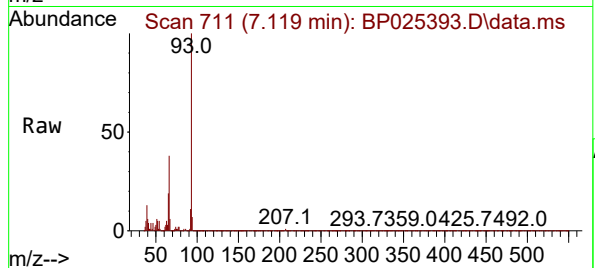
Tgt Ion:112 Resp: 80645
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 28.3 22.7 34.1





#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

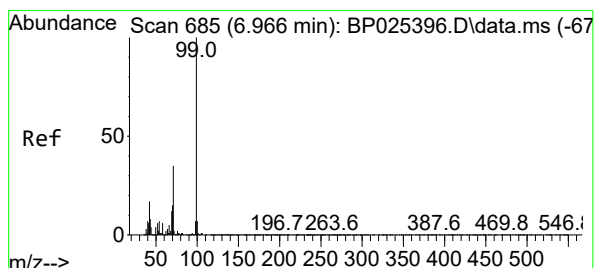
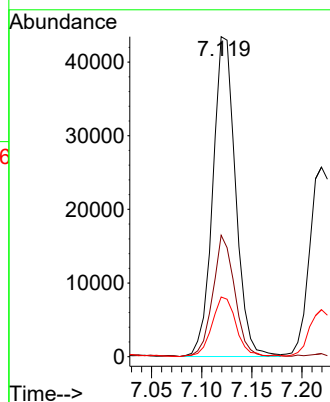
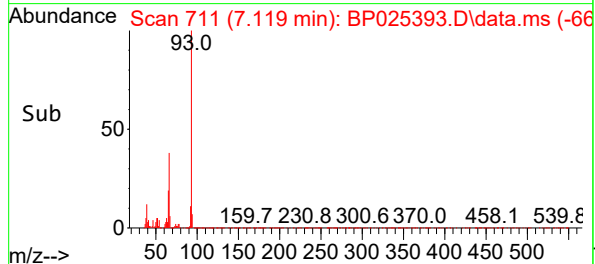
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 68694
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.6 15.3 22.9

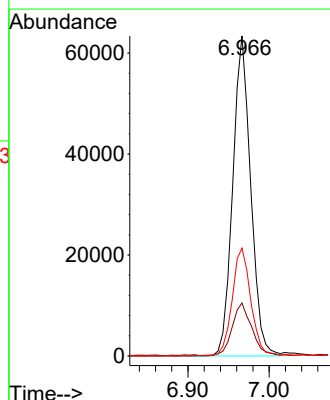
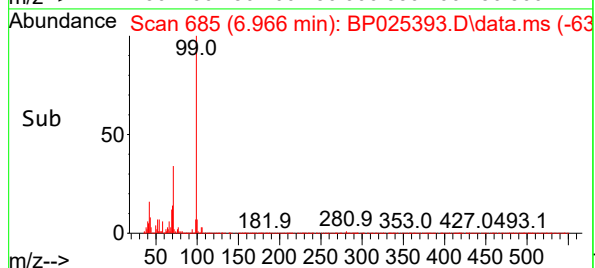
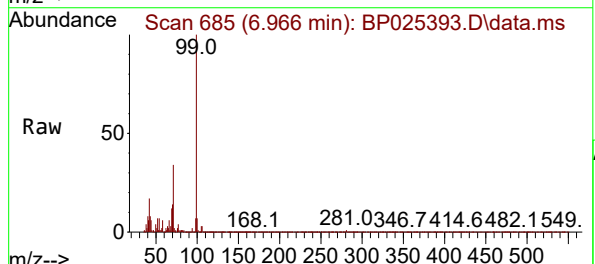
Manual Integrations
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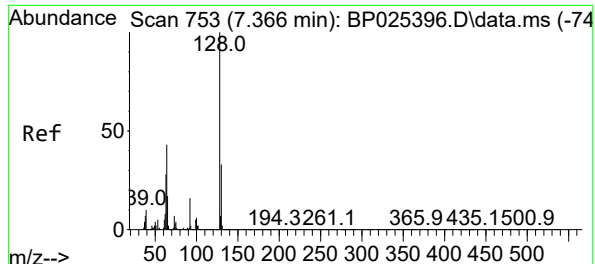
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 33.7 28.2 42.4





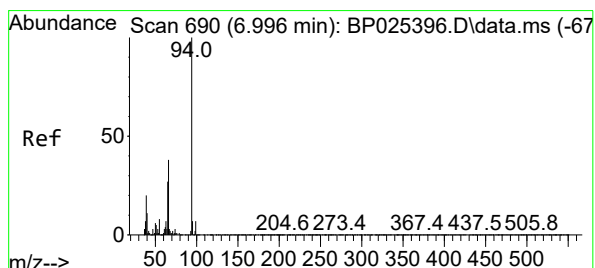
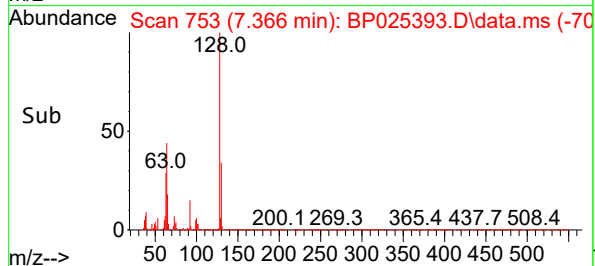
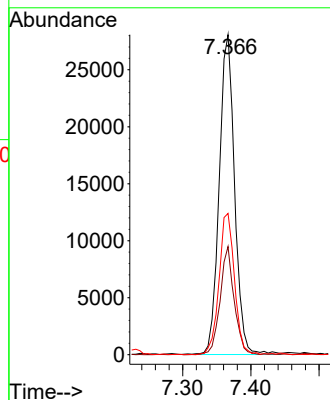
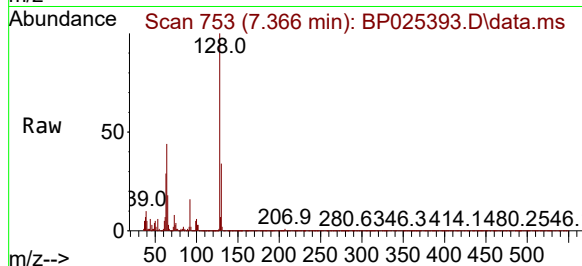
#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 128 Resp: 4421
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 44.1 23.4 63.4

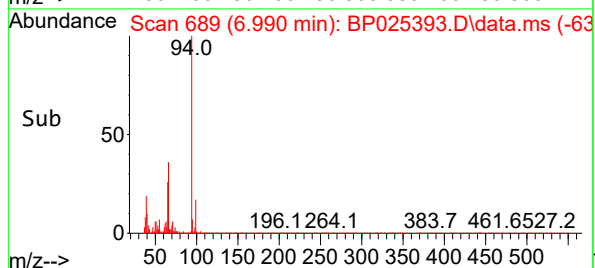
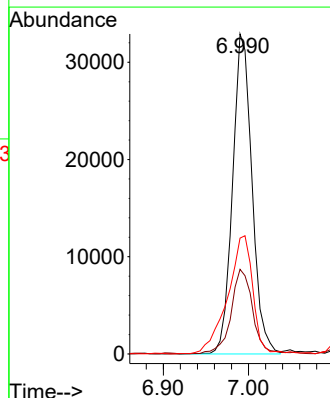
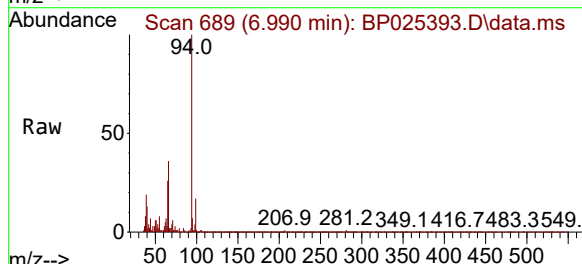
Manual Integrations
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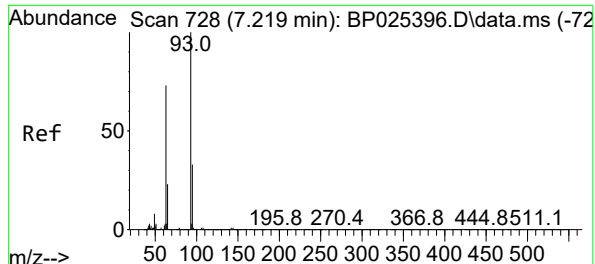
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

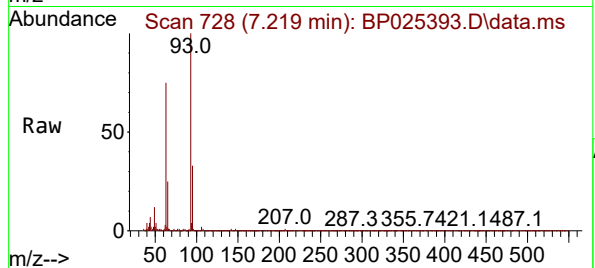
Tgt Ion: 94 Resp: 52186
Ion Ratio Lower Upper
94 100
65 26.5 6.8 46.8
66 36.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

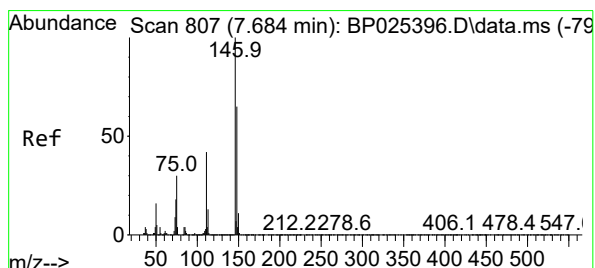
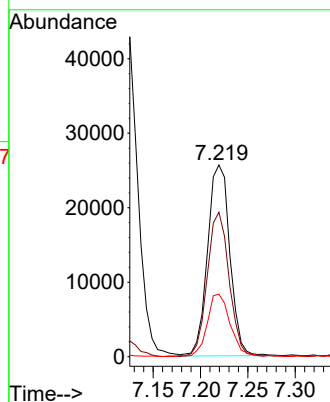
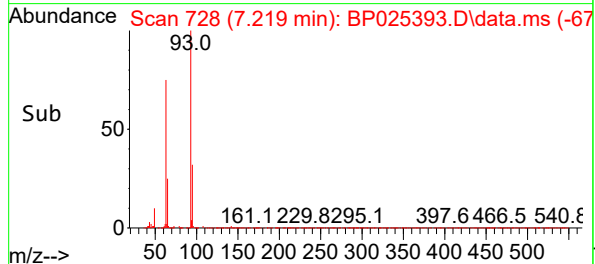
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



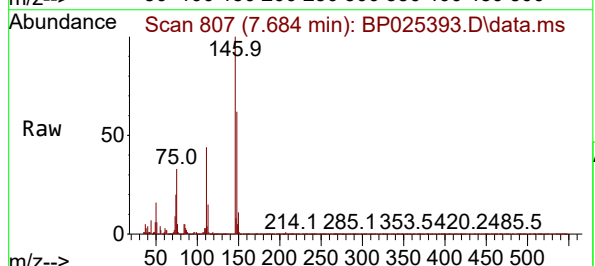
Tgt Ion: 93 Resp: 4199
Ion Ratio Lower Upper
93 100
63 75.4 52.6 92.6
95 32.6 12.7 52.7

Manual Integrations
APPROVED

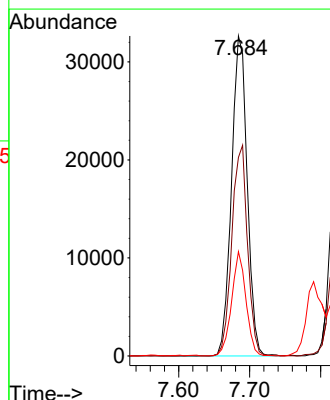
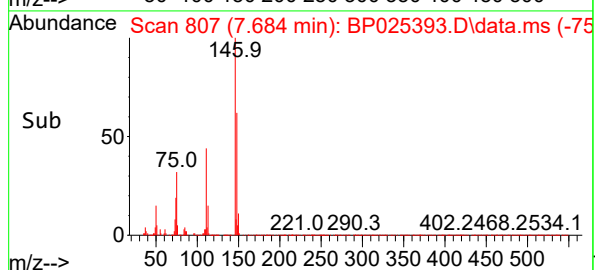
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

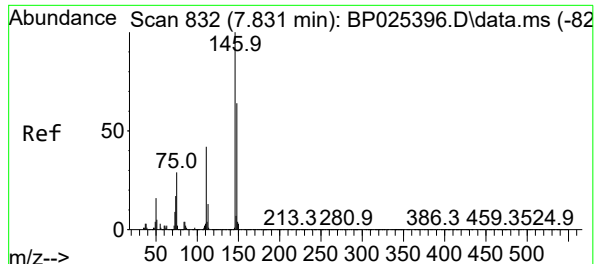


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion:146 Resp: 50146
Ion Ratio Lower Upper
146 100
148 62.1 51.9 77.9
75 32.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 5.180 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

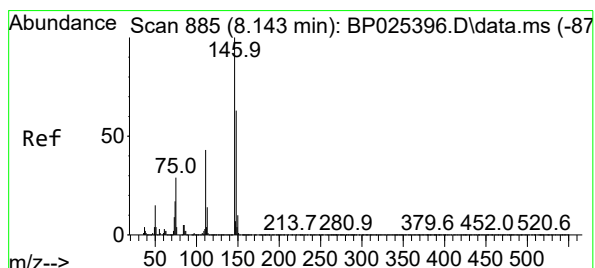
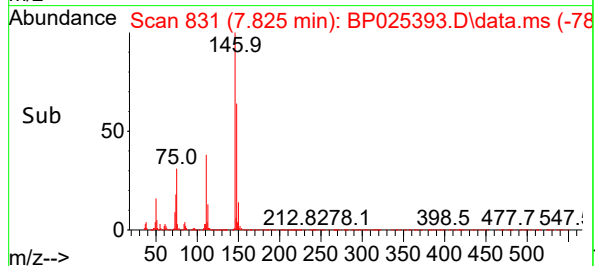
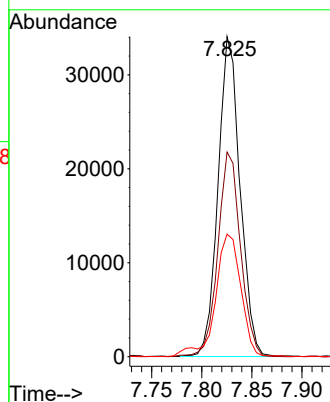
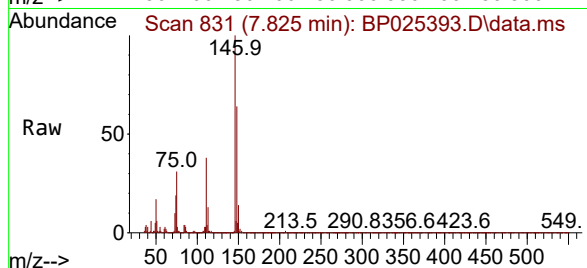
Tgt Ion:	146	Resp:	5194
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 5.253 ng

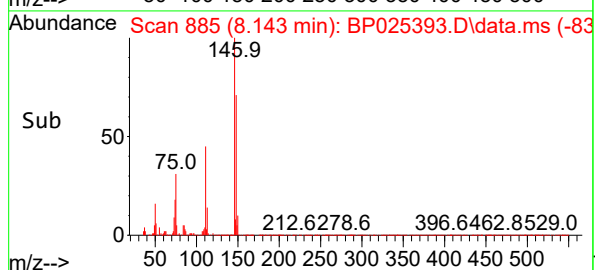
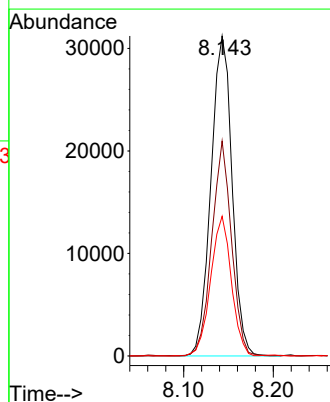
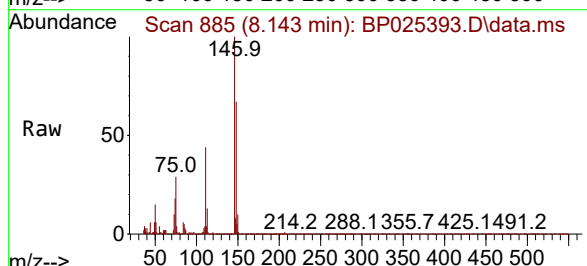
RT: 8.143 min Scan# 885

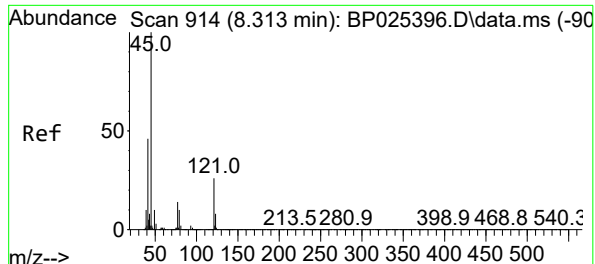
Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

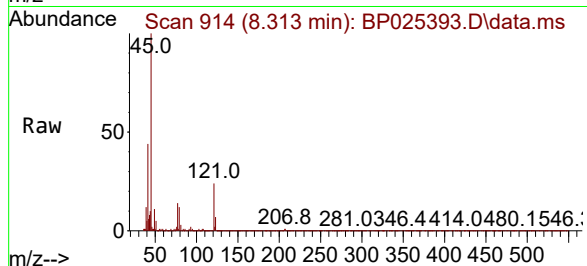
Tgt Ion:	146	Resp:	50995
Ion Ratio	Lower	Upper	
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

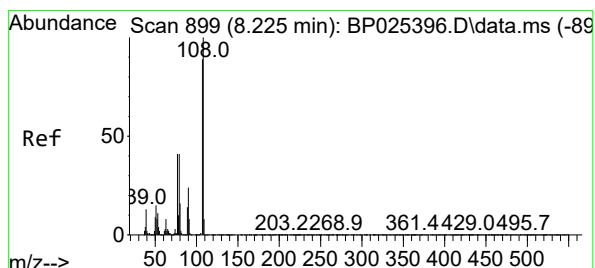
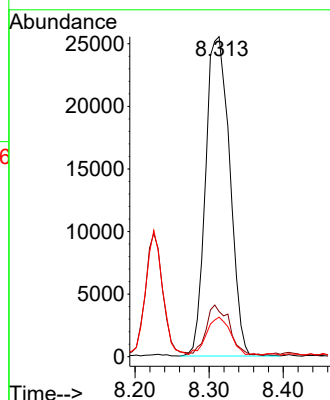
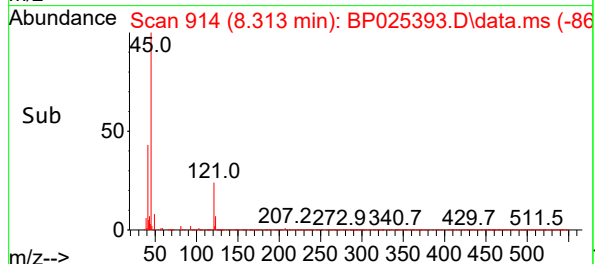
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 5768
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.3
79 12.4 0.0 31.8

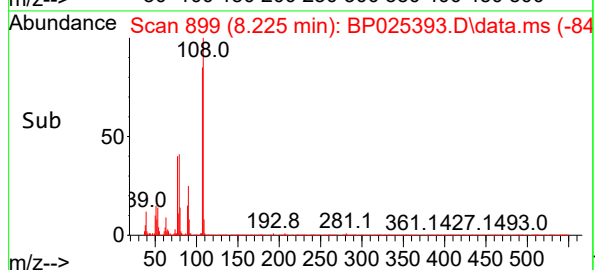
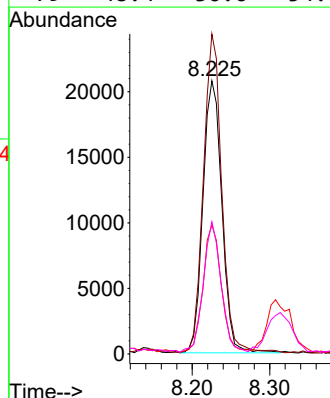
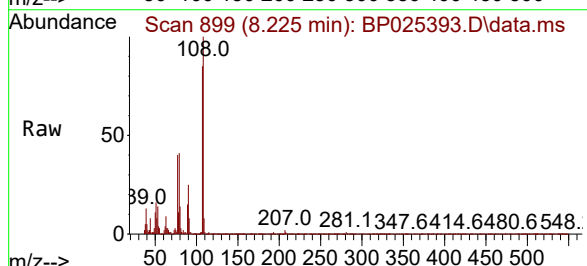
Manual Integrations
APPROVED

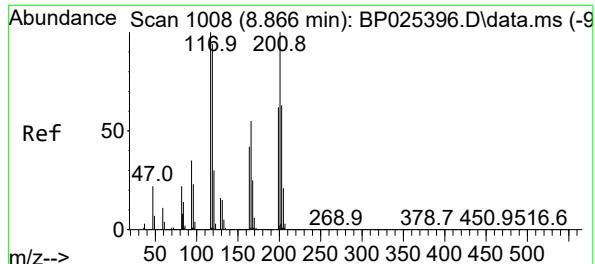
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

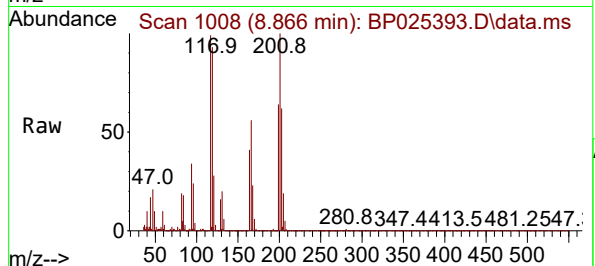
Tgt Ion:107 Resp: 35186
Ion Ratio Lower Upper
107 100
108 117.2 89.4 134.0
77 47.2 36.3 54.5
79 48.4 36.6 54.8





#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

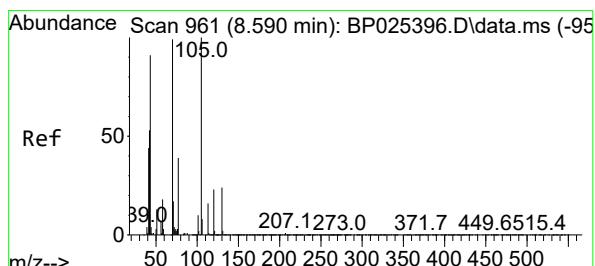
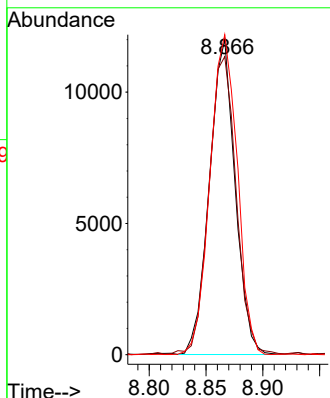
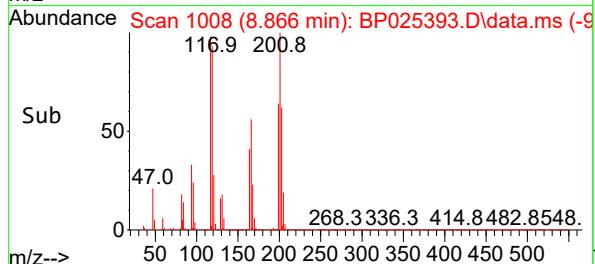
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 94.5 75.1 112.7
201 101.5 80.1 120.1

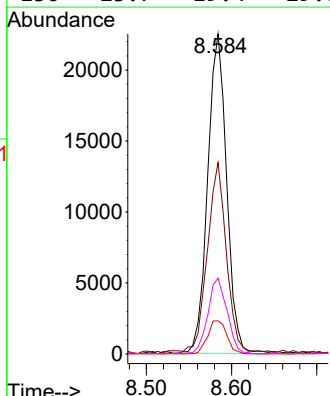
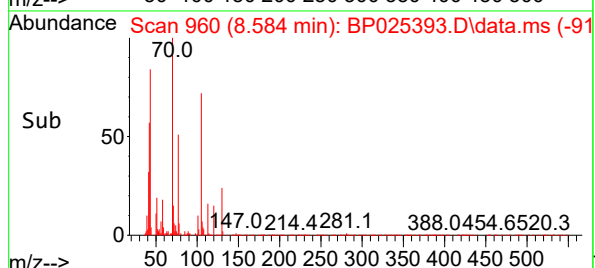
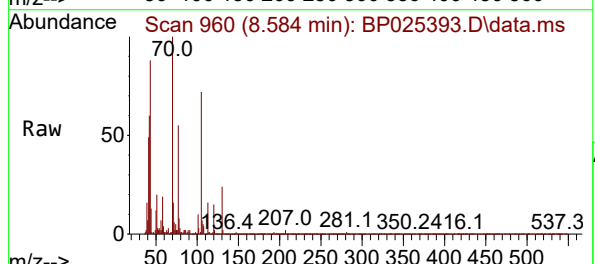
Manual Integrations
APPROVED

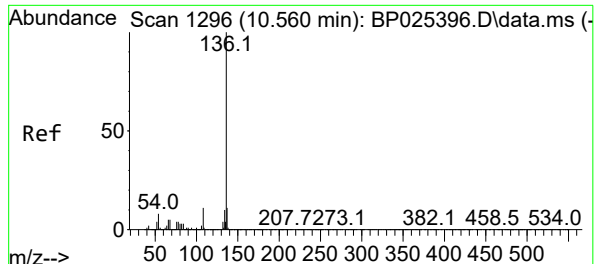
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

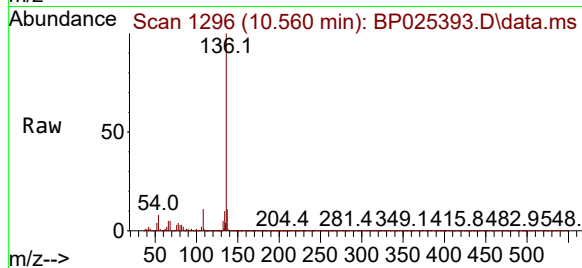
Tgt Ion: 70 Resp: 34898
Ion Ratio Lower Upper
70 100
42 59.8 43.8 65.6
101 10.3 8.5 12.7
130 23.7 19.4 29.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

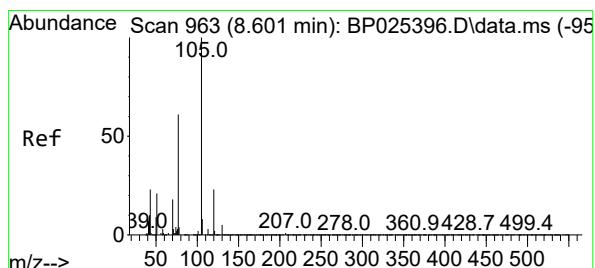
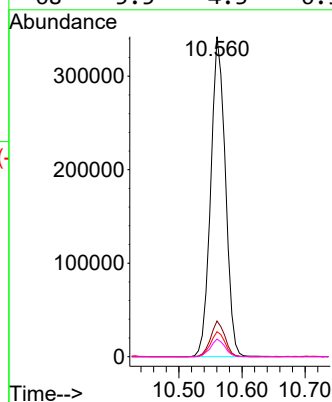
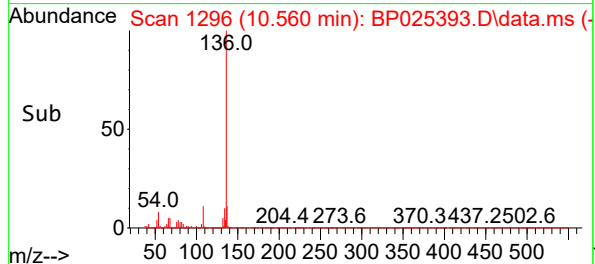
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 551384
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.8 6.0 9.0
68 5.5 4.3 6.5

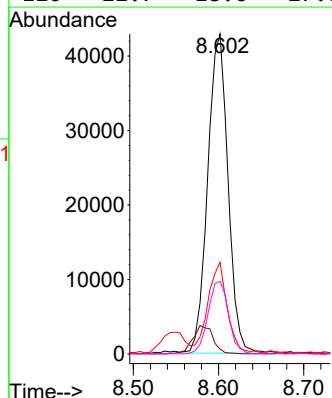
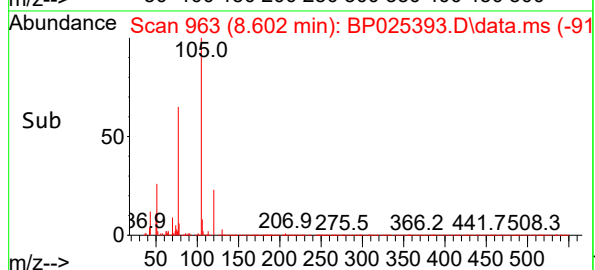
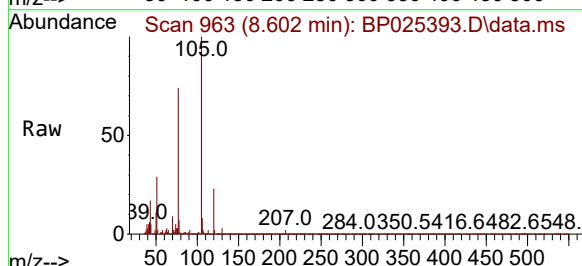
Manual Integrations
APPROVED

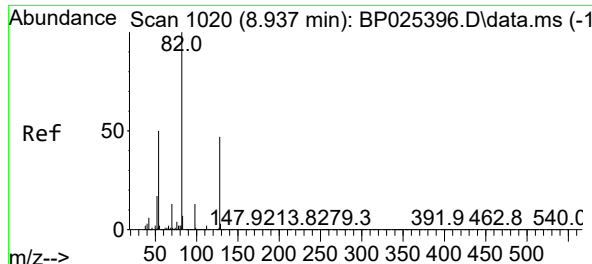
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986
Ion Ratio Lower Upper
105 100
71 1.5 2.6 4.0#
51 28.7 20.6 30.8
120 22.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 9.983 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025393.D

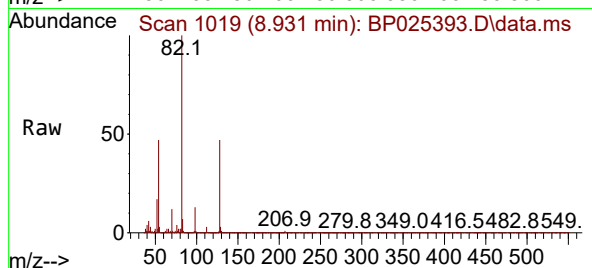
Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion: 82 Resp: 108814

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

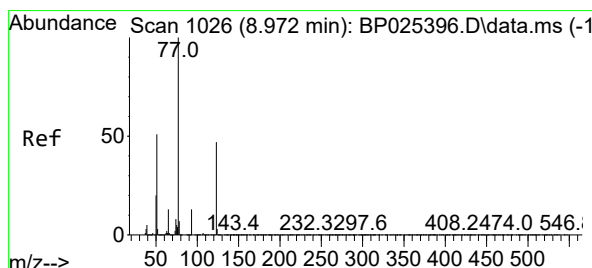
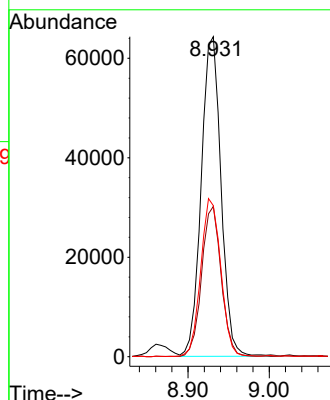
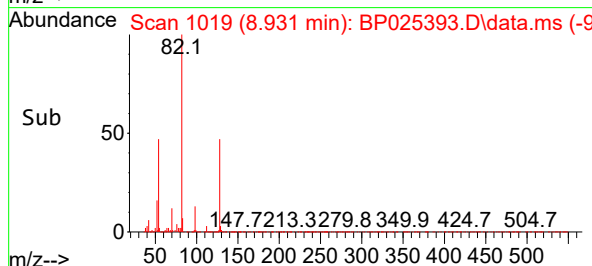
54 47.2 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

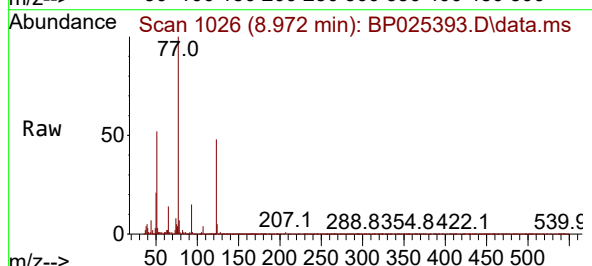
Concen: 4.951 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15



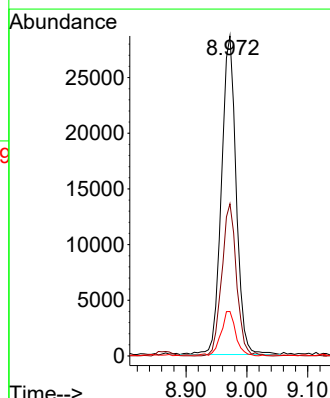
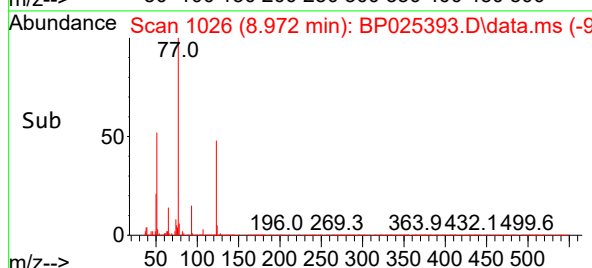
Tgt Ion: 77 Resp: 48234

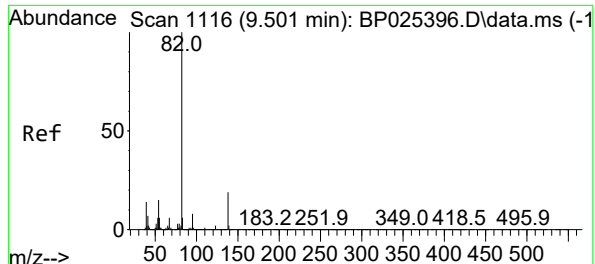
Ion Ratio Lower Upper

77 100

123 47.6 38.6 58.0

65 13.9 10.6 15.8





#25

Isophorone

Concen: 5.242 ng

RT: 9.496 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

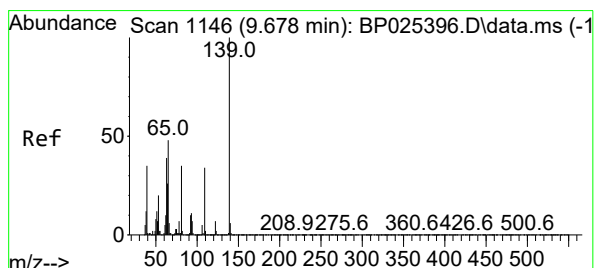
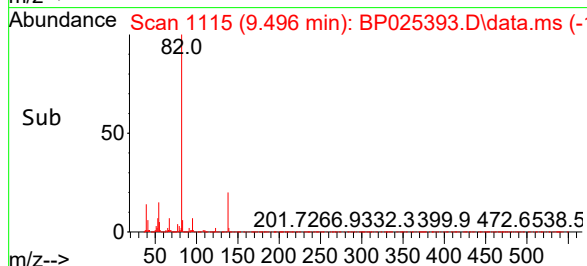
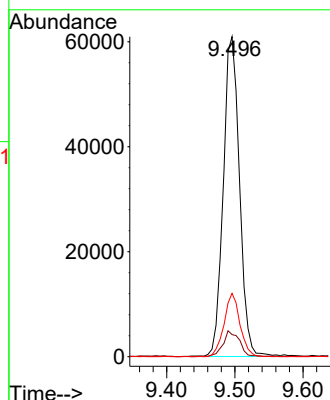
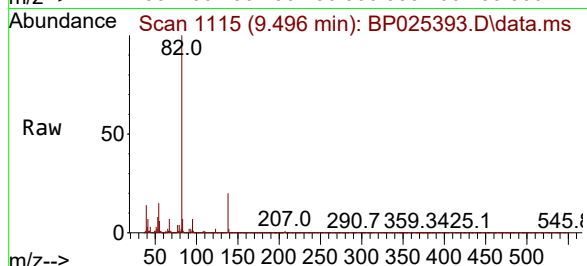
Tgt Ion:	82	Resp:	10111
Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	19.8	15.4	23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 4.605 ng

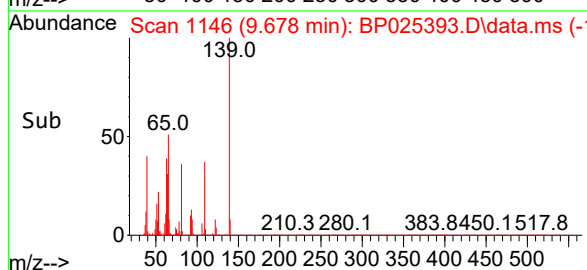
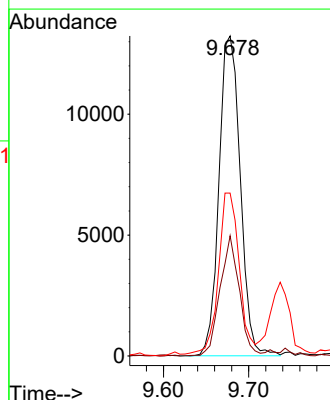
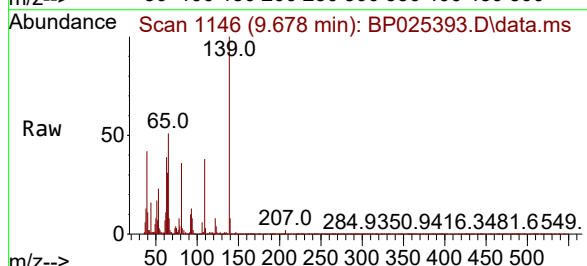
RT: 9.678 min Scan# 1146

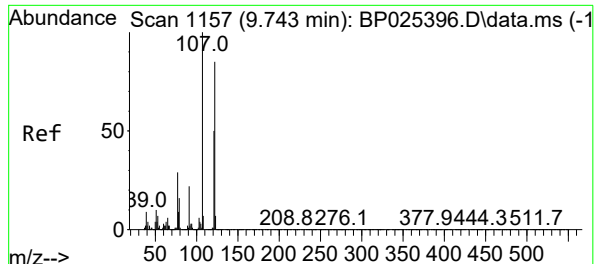
Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:	139	Resp:	23020
Ion	Ratio	Lower	Upper
139	100		
109	37.5	26.9	40.3
65	50.9	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 4.861 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 41790

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

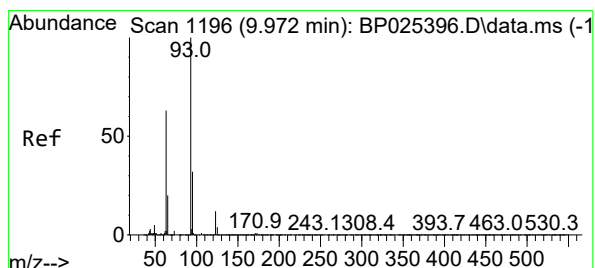
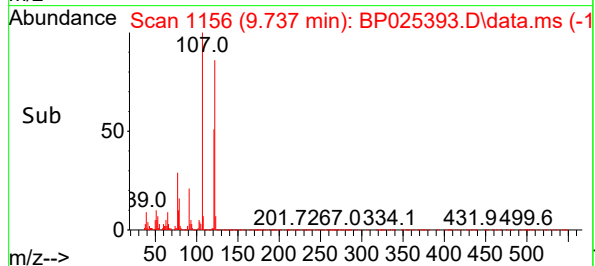
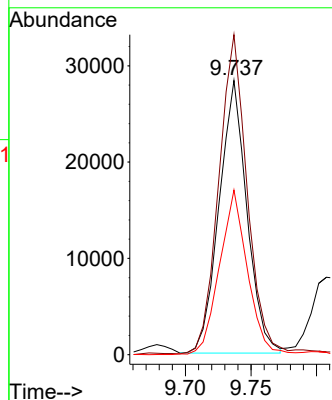
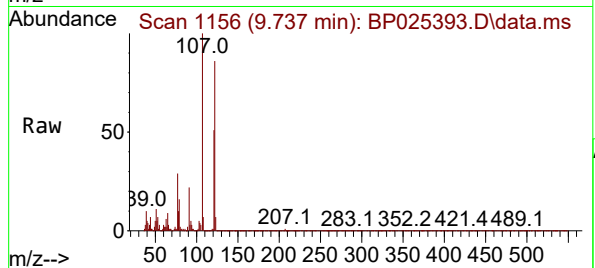
121 60.0 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.233 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

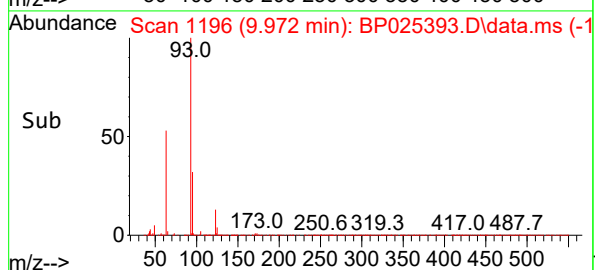
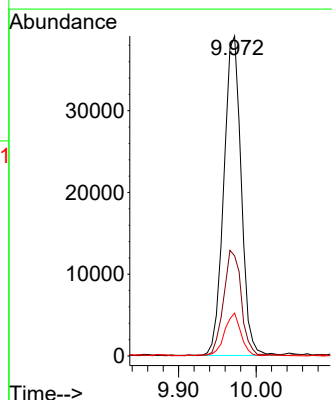
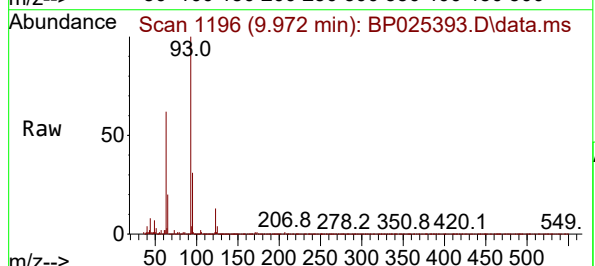
Tgt Ion: 93 Resp: 61017

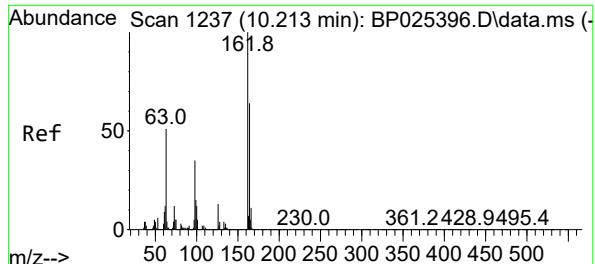
Ion Ratio Lower Upper

93 100

95 31.3 25.4 38.0

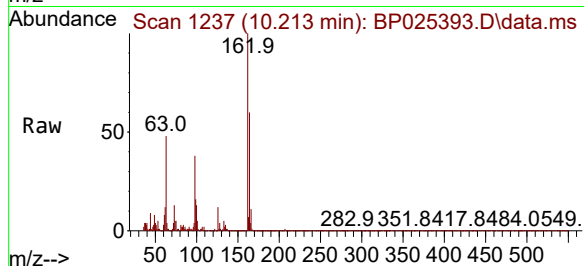
123 13.4 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

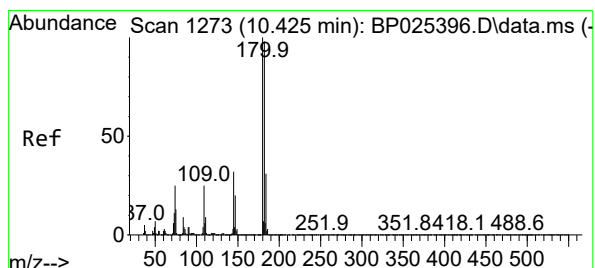
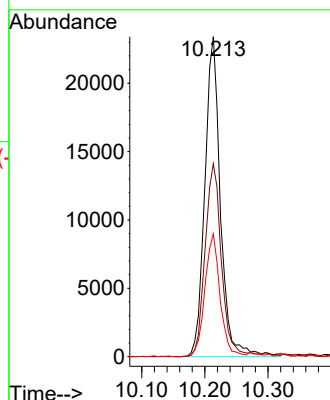
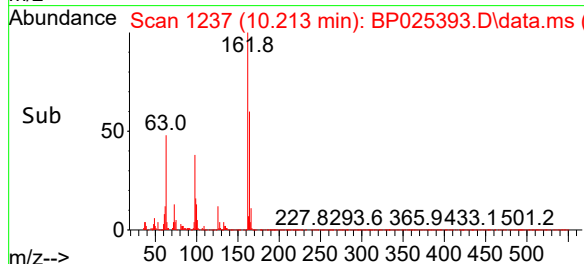
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:162 Resp: 40330
Ion Ratio Lower Upper
162 100
164 60.3 44.4 84.4
98 38.4 14.9 54.9

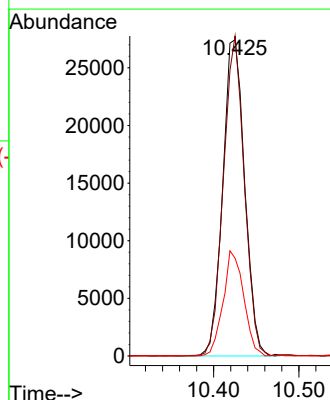
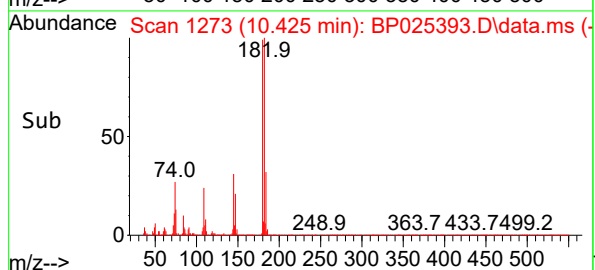
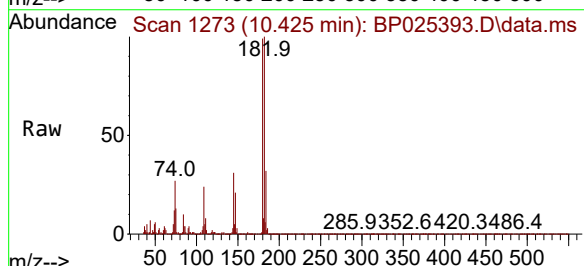
Manual Integrations
APPROVED

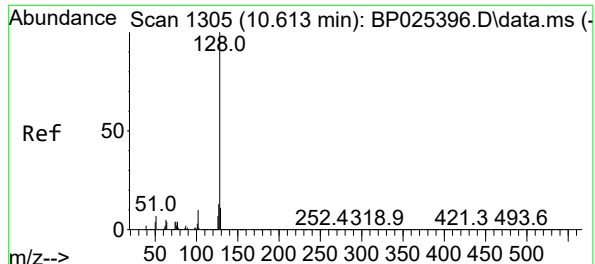
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

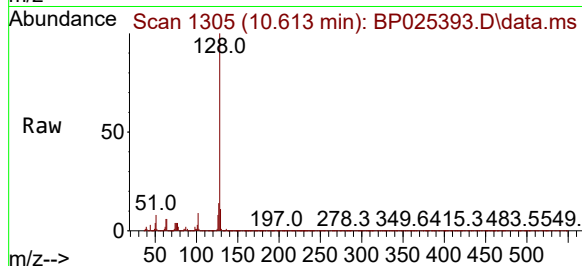
Tgt Ion:180 Resp: 49237
Ion Ratio Lower Upper
180 100
182 101.2 78.0 117.0
145 30.9 25.9 38.9





#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

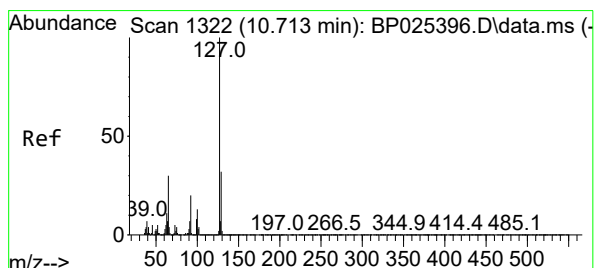
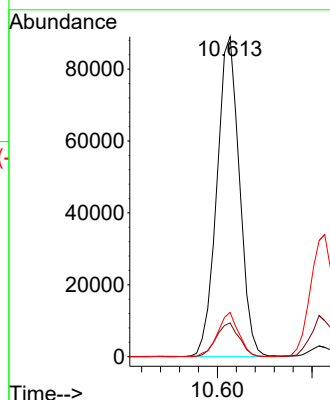
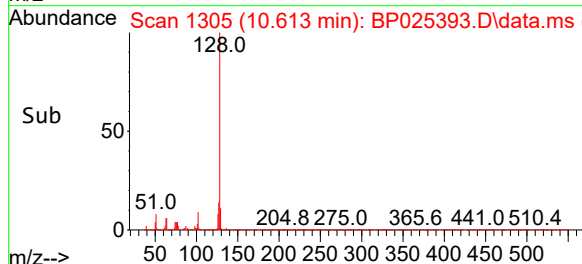
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 147340
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.9 10.7 16.1

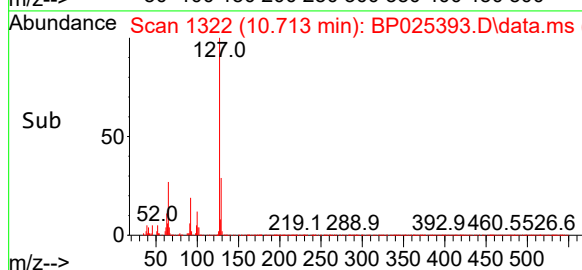
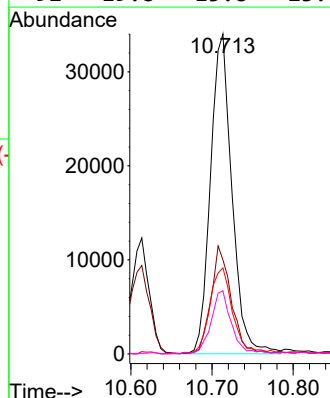
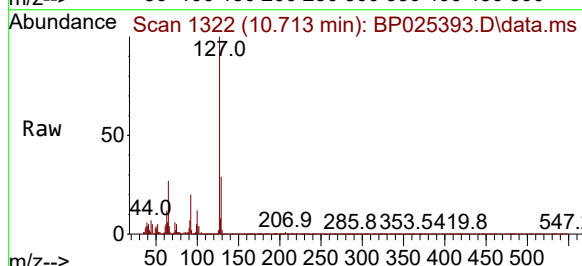
Manual Integrations
APPROVED

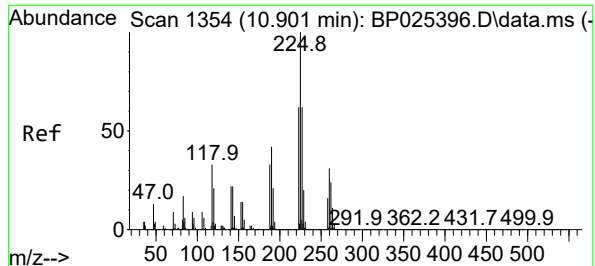
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

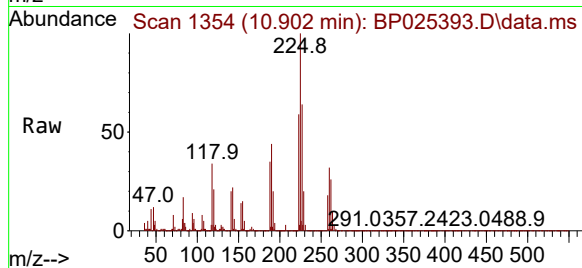
Tgt Ion:127 Resp: 62452
Ion Ratio Lower Upper
127 100
129 29.4 25.4 38.2
65 26.9 23.8 35.6
92 19.8 15.8 23.8





#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

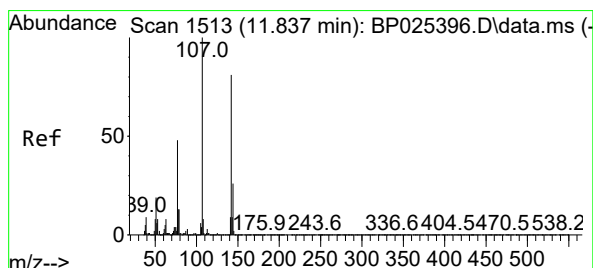
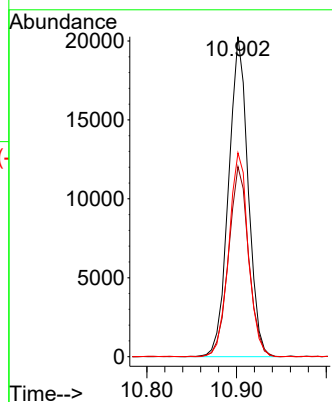
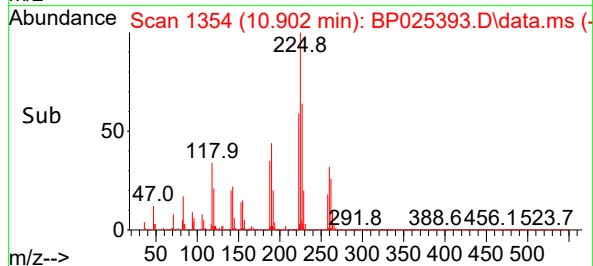
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



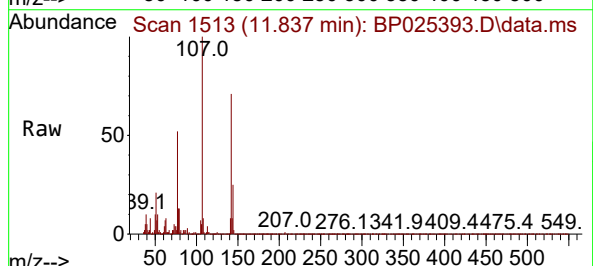
Tgt Ion: 225 Resp: 30559
Ion Ratio Lower Upper
225 100
223 59.4 50.0 75.0
227 66.3 49.7 74.5

Manual Integrations
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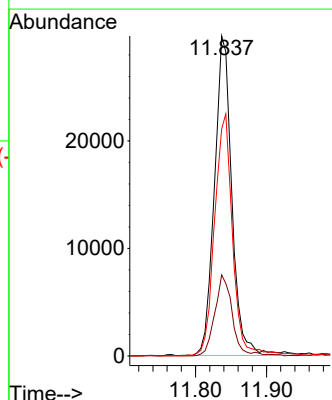
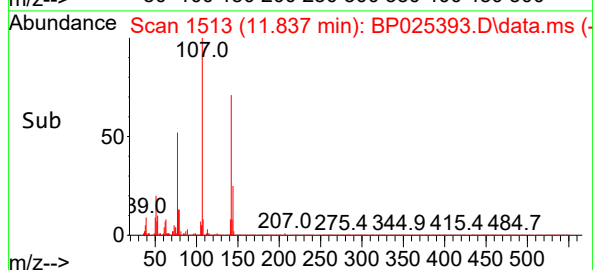
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

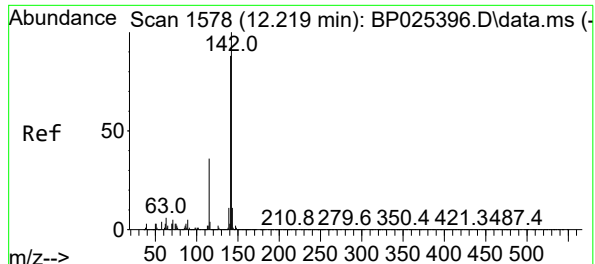


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 107 Resp: 50515
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 70.9 64.6 97.0





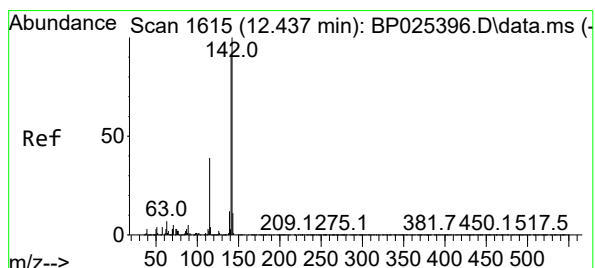
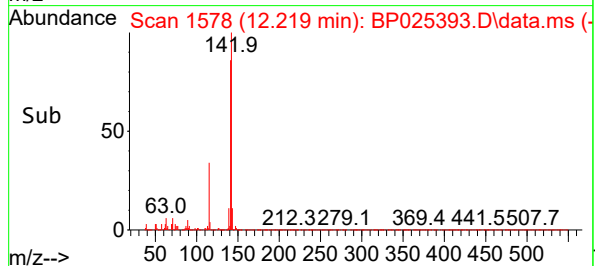
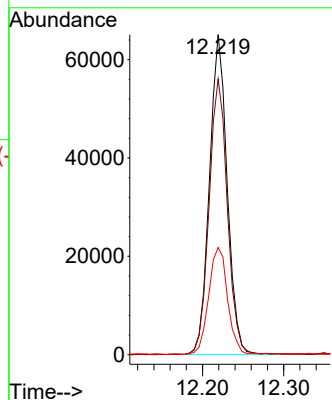
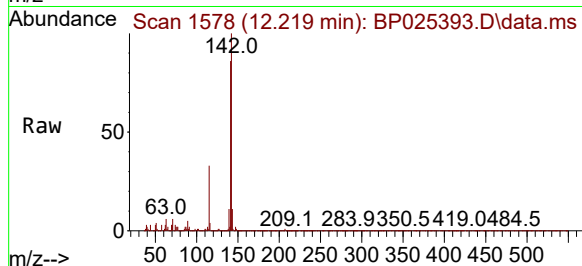
#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 9864
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
115 33.5 28.9 43.3

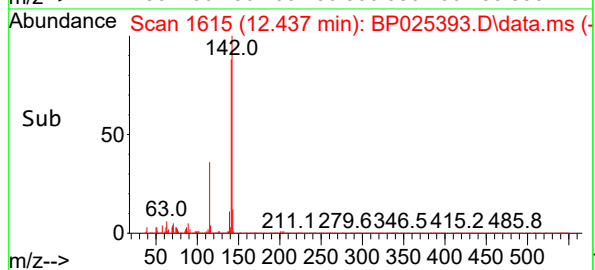
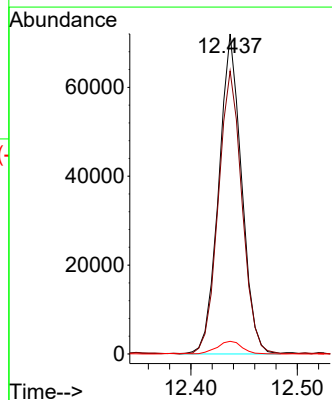
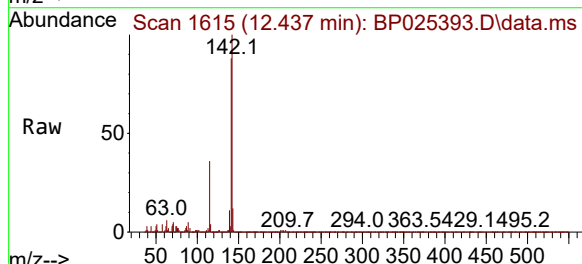
Manual Integrations
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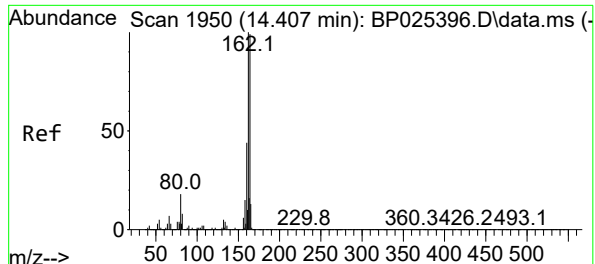
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 107044
Ion Ratio Lower Upper
142 100
141 88.4 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 392370

Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.6

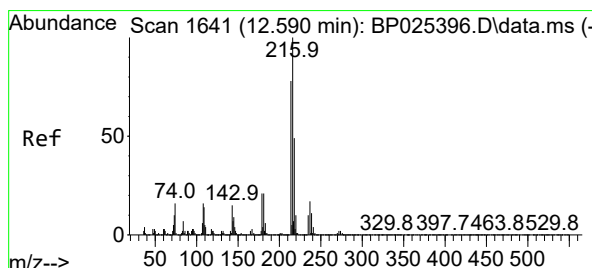
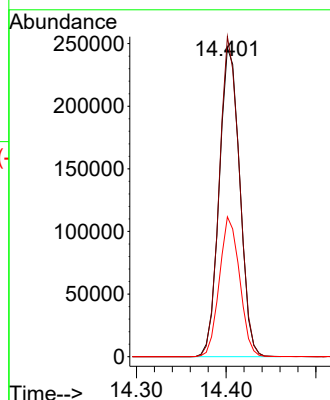
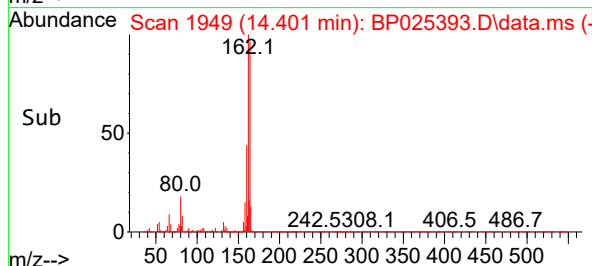
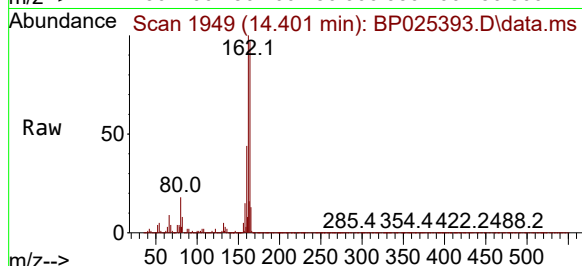
160 45.3 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.001 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

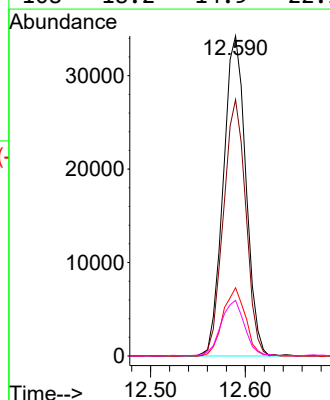
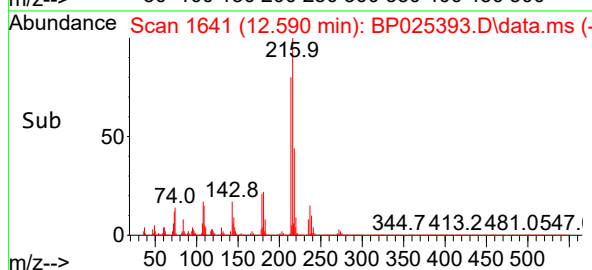
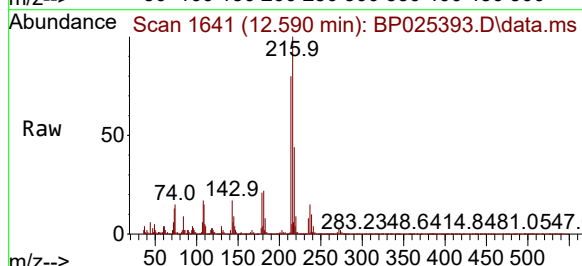
Ion Ratio Lower Upper

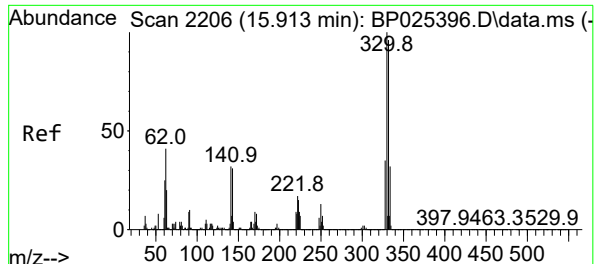
216 100

214 79.1 63.0 94.4

179 21.3 17.1 25.7

108 18.2 14.9 22.3





#42

2,4,6-Tribromophenol

Concen: 9.881 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 5218

Ion Ratio Lower Upper

330 100

332 100.4 77.3 115.9

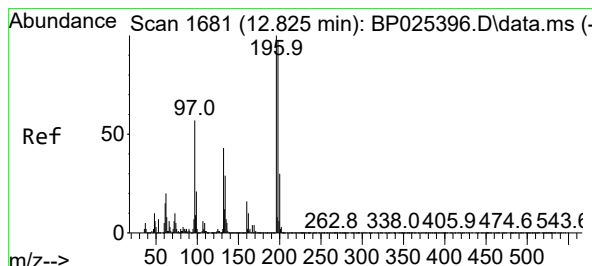
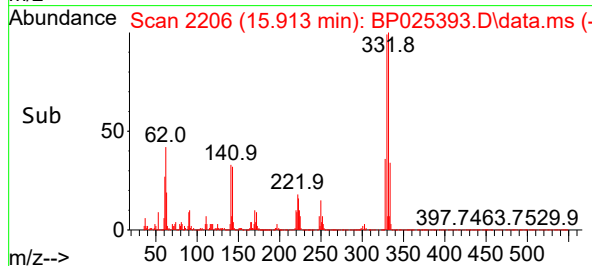
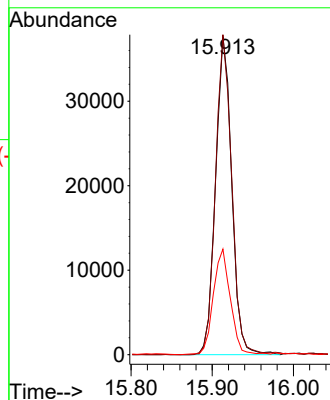
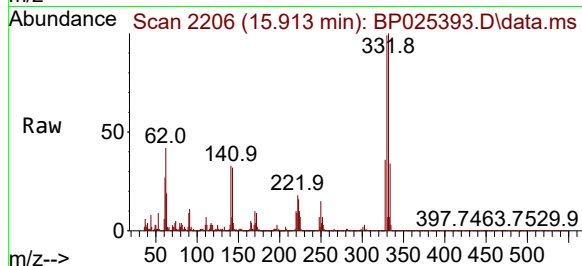
141 34.9 26.6 39.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#43

2,4,6-Trichlorophenol

Concen: 4.718 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

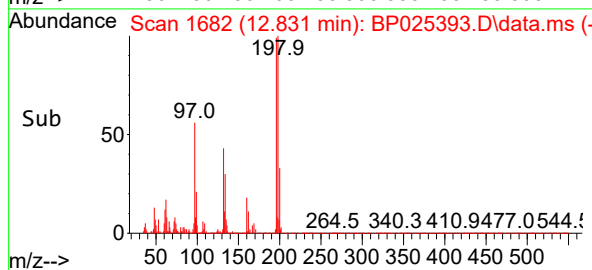
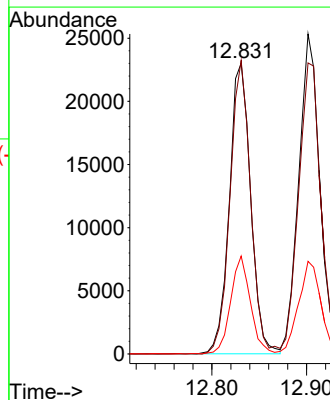
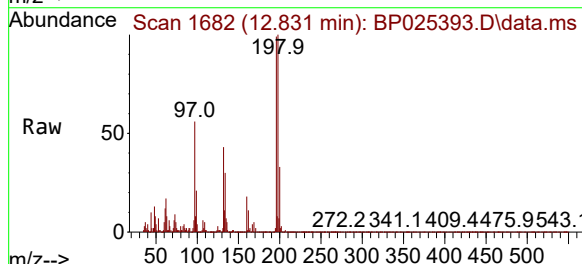
Tgt Ion:196 Resp: 36093

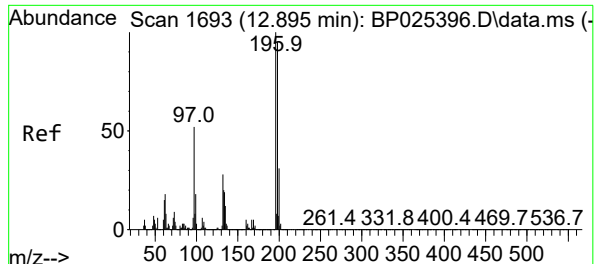
Ion Ratio Lower Upper

196 100

198 101.0 77.2 115.8

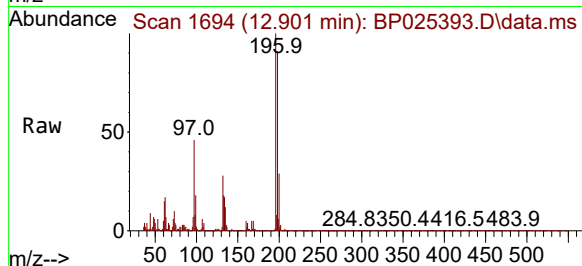
200 33.7 23.9 35.9





#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

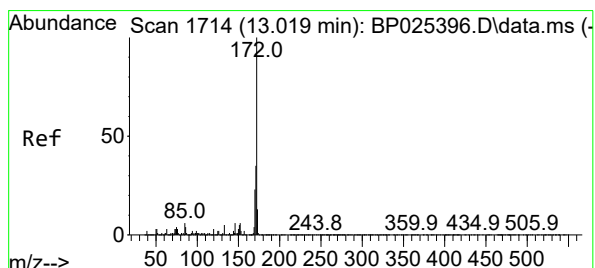
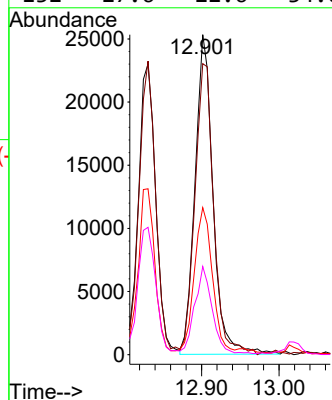
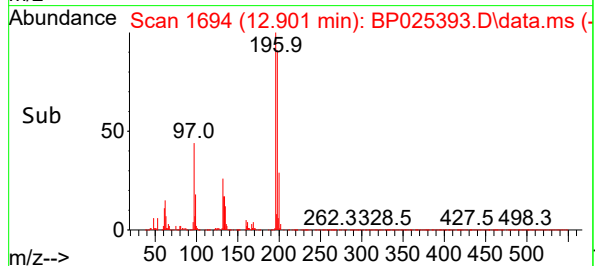
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 40875
Ion Ratio Lower Upper
196 100
198 91.0 76.2 114.2
97 46.0 41.2 61.8
132 27.6 22.6 34.0

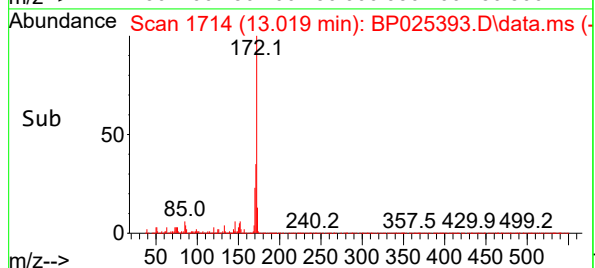
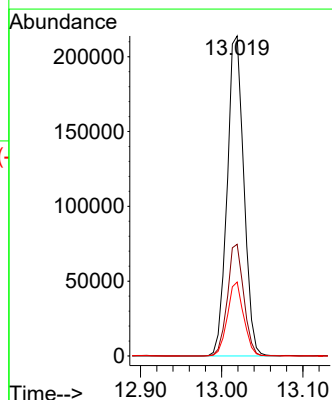
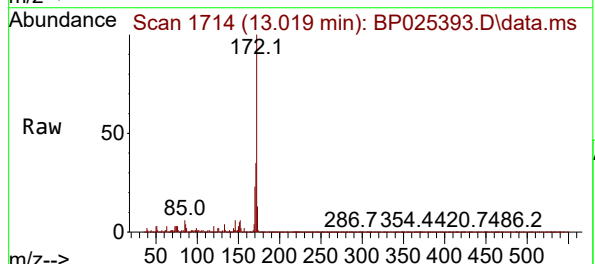
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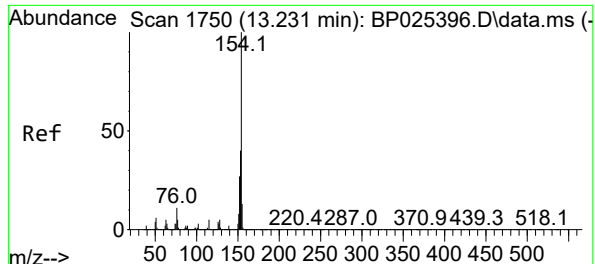
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

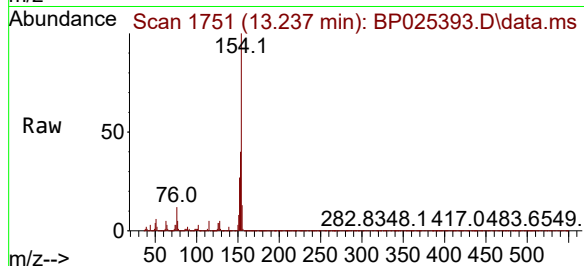
Tgt Ion:172 Resp: 305742
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 28.0





#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

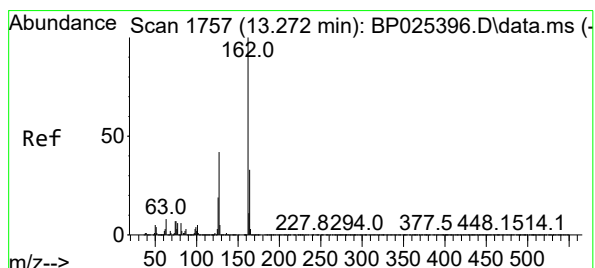
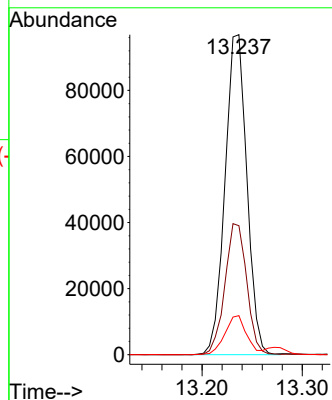
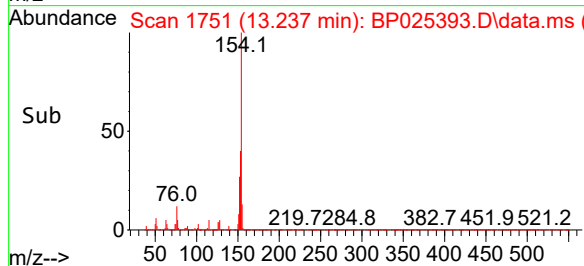
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



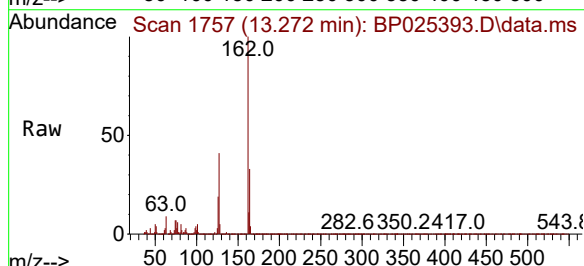
Tgt Ion:154 Resp: 14665
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 12.2 0.0 31.1

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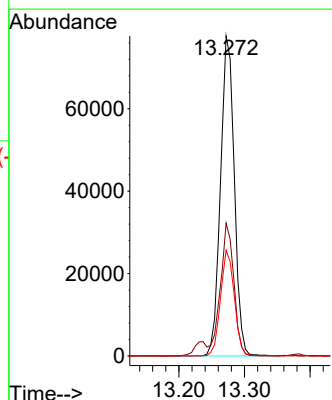
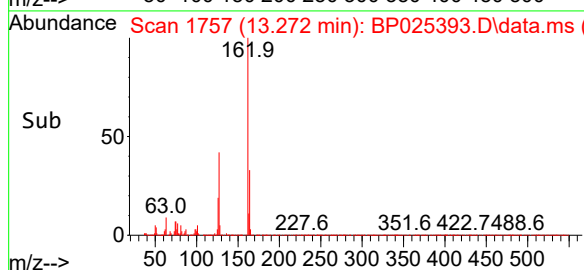
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

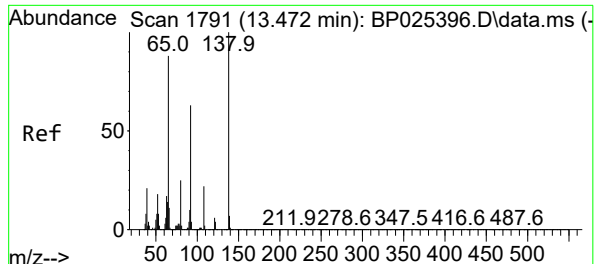


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion:162 Resp: 113015
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 33.0 26.2 39.2





#48

2-Nitroaniline

Concen: 4.568 ng

RT: 13.466 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BP025393.D

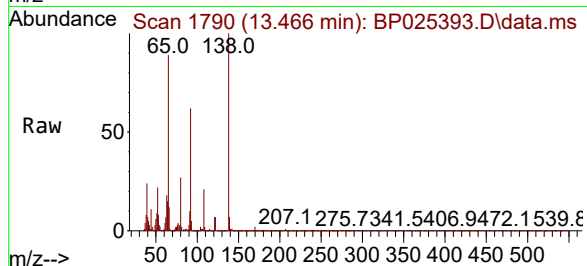
Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



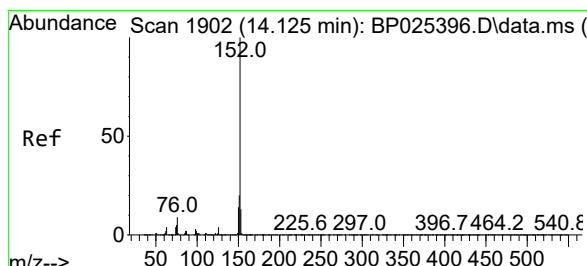
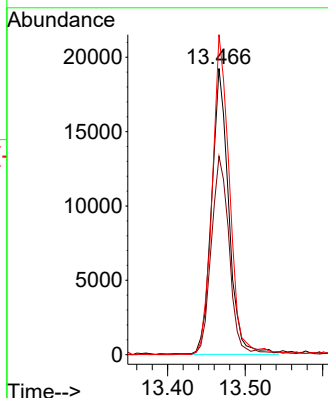
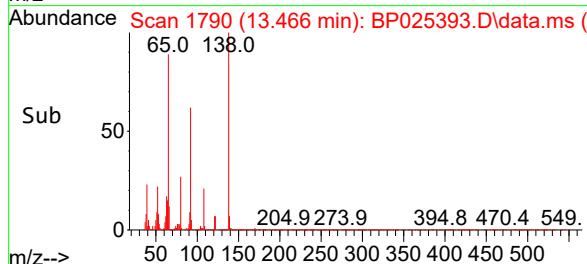
Tgt Ion:	65	Resp:	2952
Ion Ratio	100	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	111.8	91.0	136.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#49

Acenaphthylene

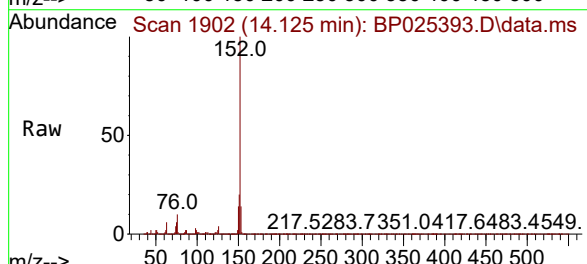
Concen: 5.095 ng

RT: 14.125 min Scan# 1902

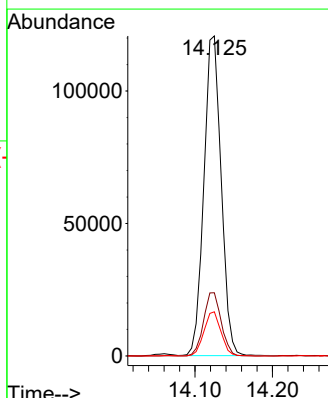
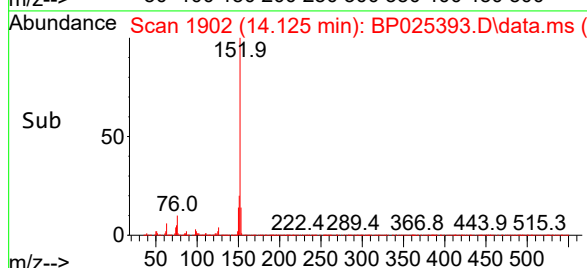
Delta R.T. 0.000 min

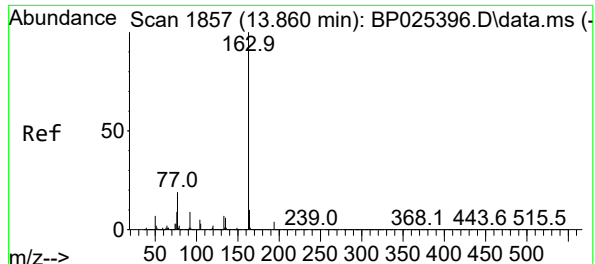
Lab File: BP025393.D

Acq: 14 Aug 2025 13:15



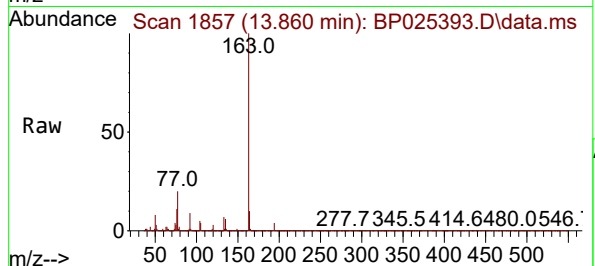
Tgt Ion:	152	Resp:	187026
Ion Ratio	100	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.8	10.6	15.8





#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

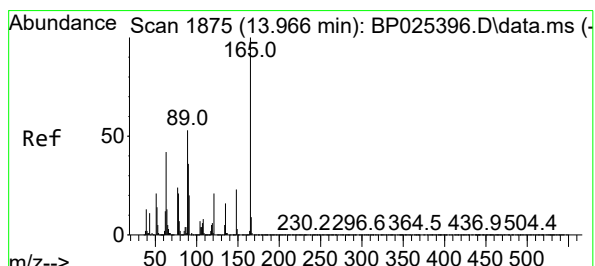
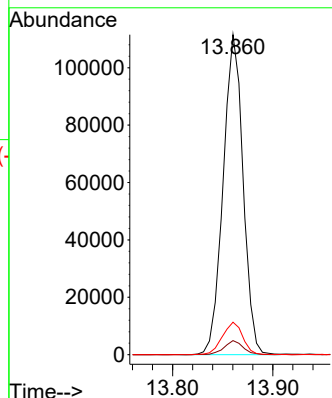
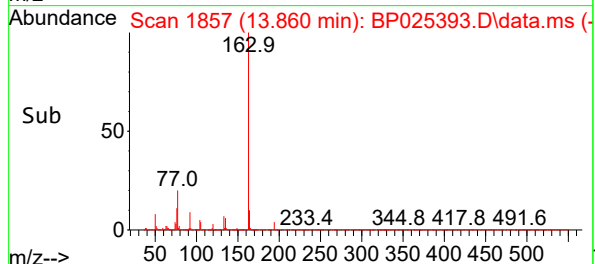
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:163 Resp: 15386
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.1 7.9 11.9

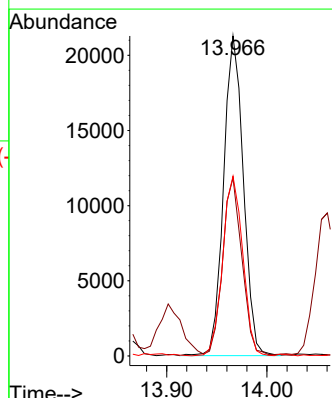
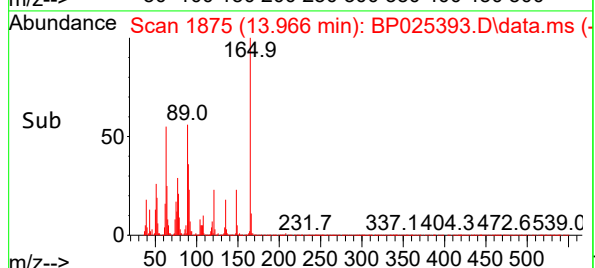
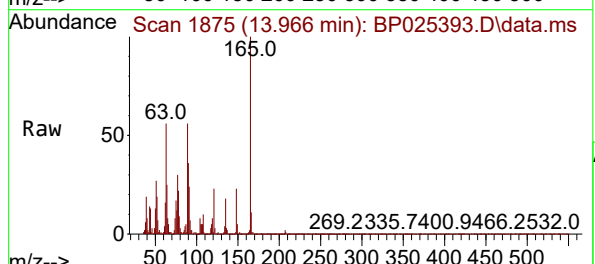
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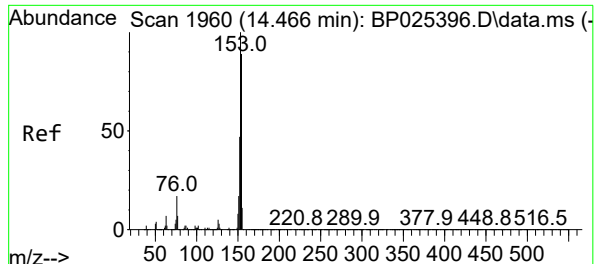
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

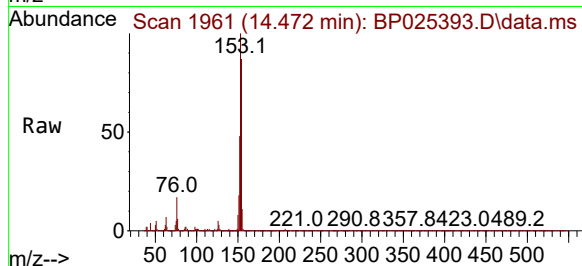
Tgt Ion:165 Resp: 29088
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 56.2 42.1 63.1





#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

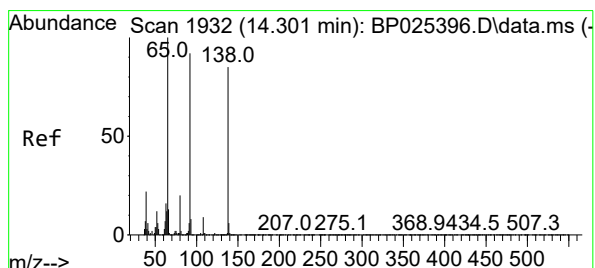
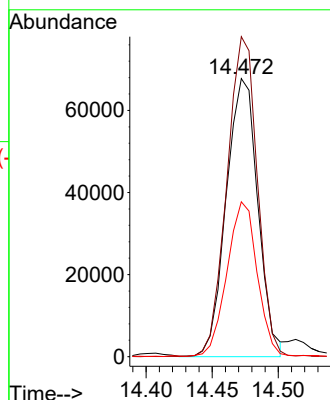
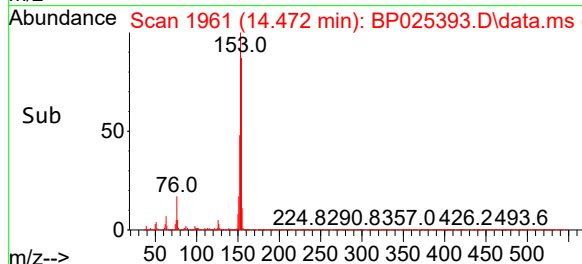
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 112730
Ion Ratio Lower Upper
154 100
153 115.1 90.2 135.2
152 55.7 42.1 63.1

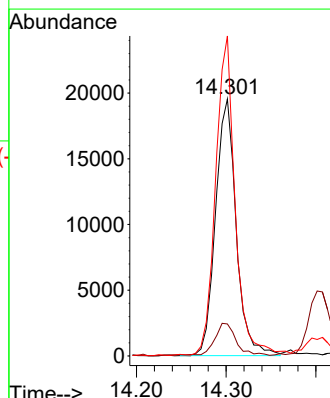
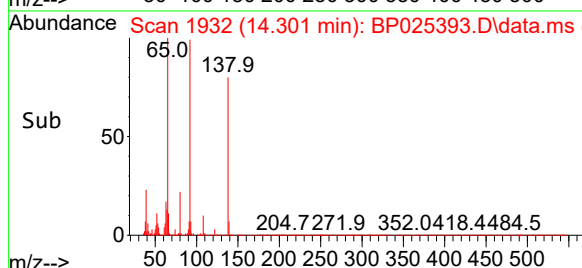
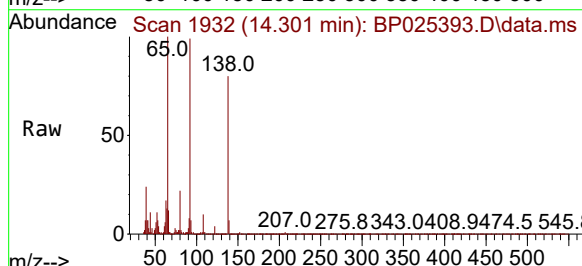
Manual Integrations
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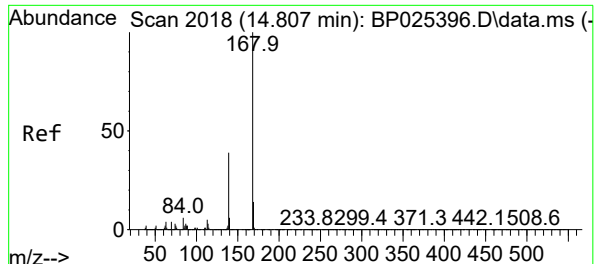
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5
92 124.5 86.2 129.2





#55

Dibenzenofuran

Concen: 5.240 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

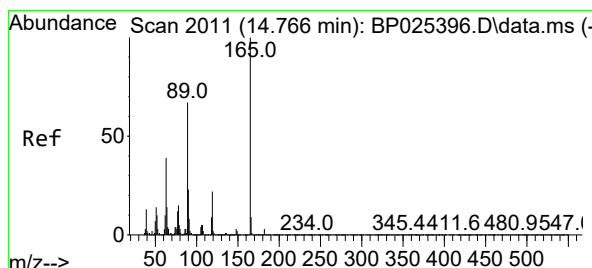
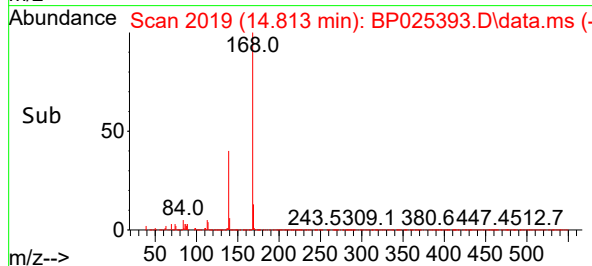
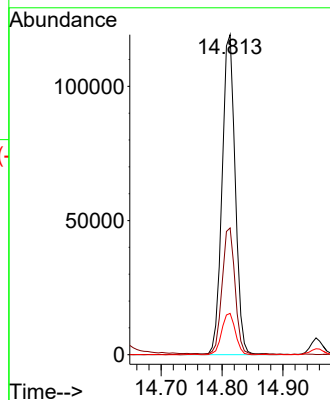
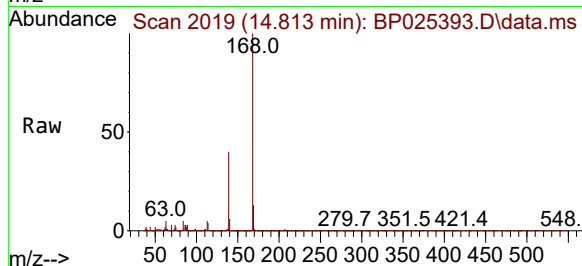
Tgt Ion	168	Resp	178494
Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	12.9	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#57

2,4-Dinitrotoluene

Concen: 4.590 ng

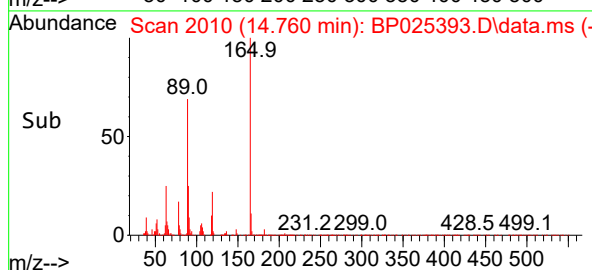
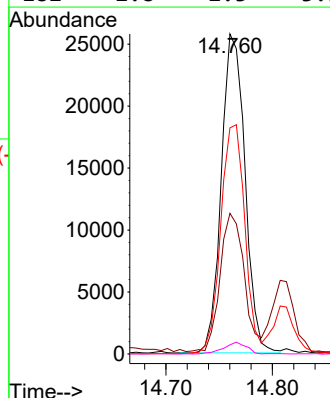
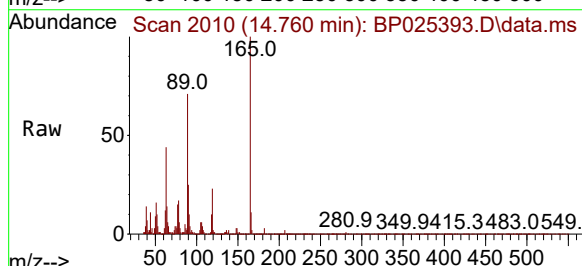
RT: 14.760 min Scan# 2010

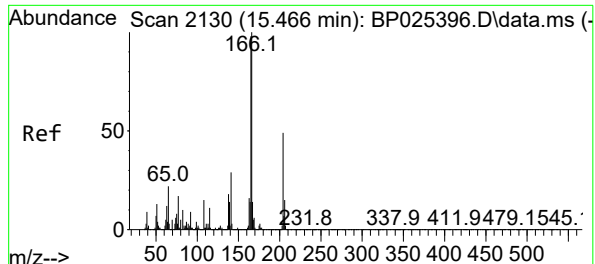
Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

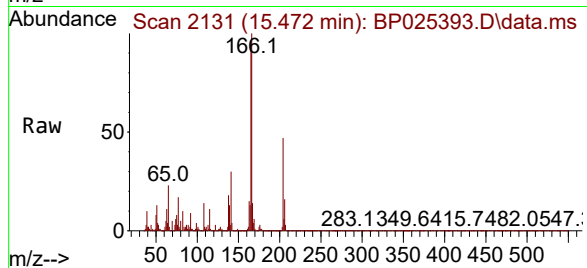
Tgt Ion	165	Resp	39658
Ion	Ratio	Lower	Upper
165	100		
63	43.9	31.4	47.2
89	70.6	53.3	79.9
182	2.8	2.3	3.5





#58
Fluorene
Concen: 5.497 ng
RT: 15.472 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

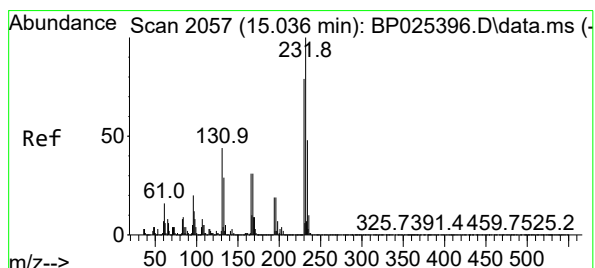
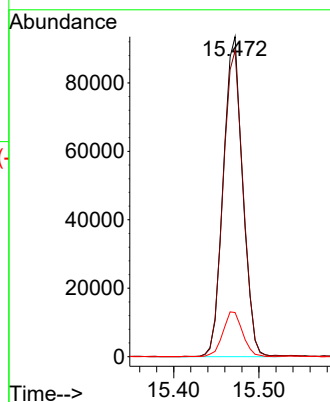
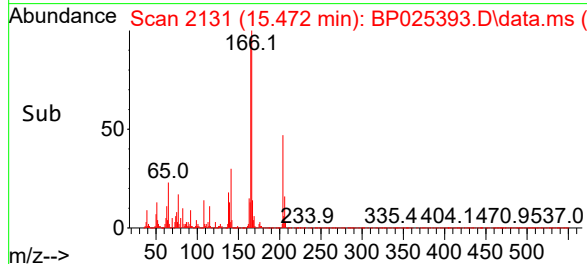
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 147760
Ion Ratio Lower Upper
166 100
165 95.7 78.8 118.2
167 13.8 11.0 16.4

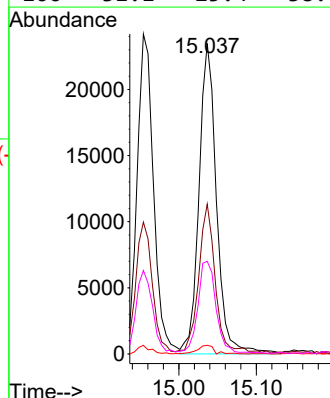
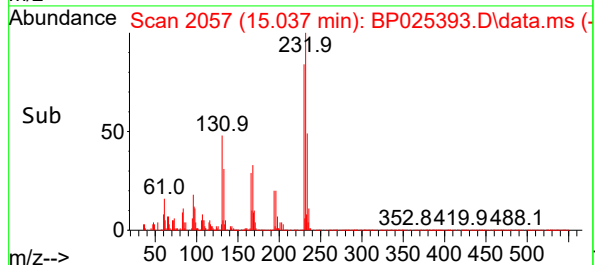
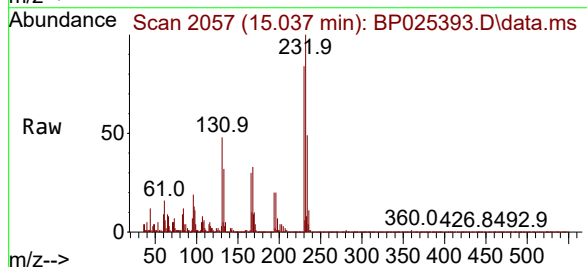
Manual Integrations
APPROVED

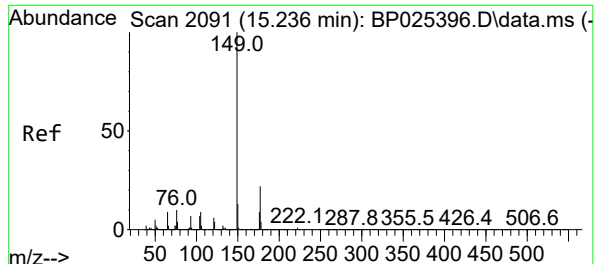
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

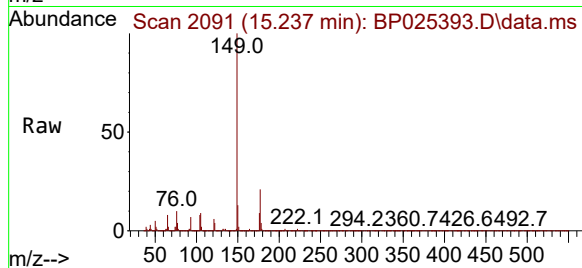
Tgt Ion:232 Resp: 36779
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.7 1.9 2.9
166 31.1 25.4 38.0





#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

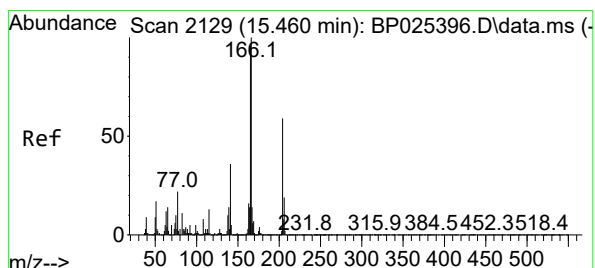
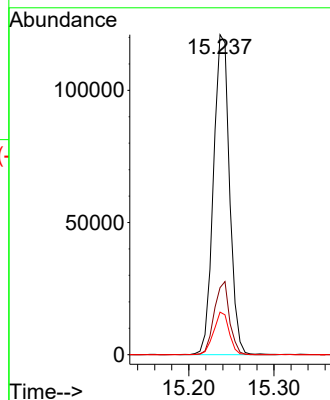
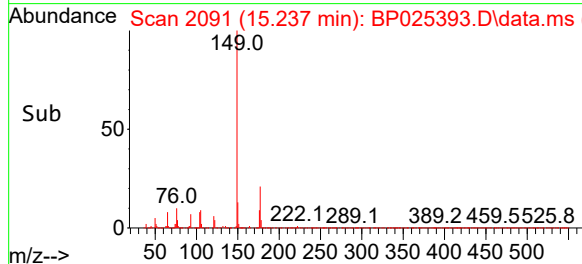
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



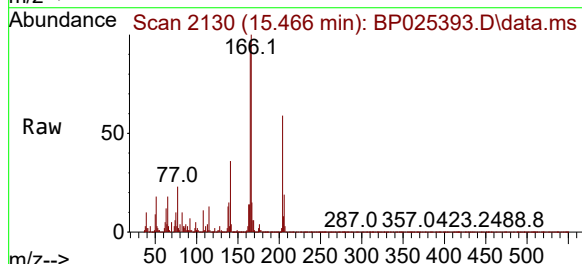
Tgt Ion:149 Resp: 158420
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 13.3 10.3 15.5

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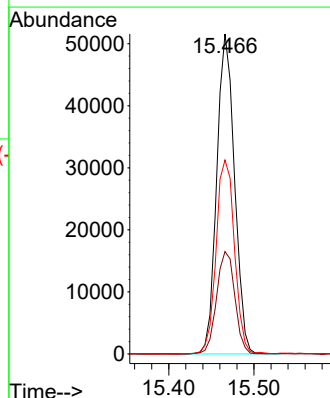
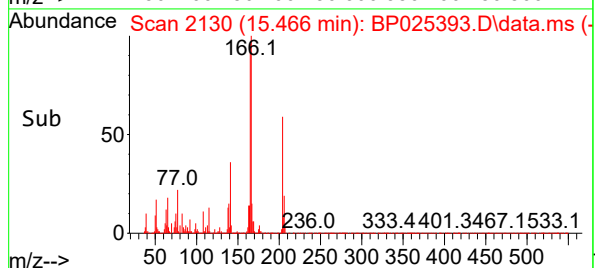
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

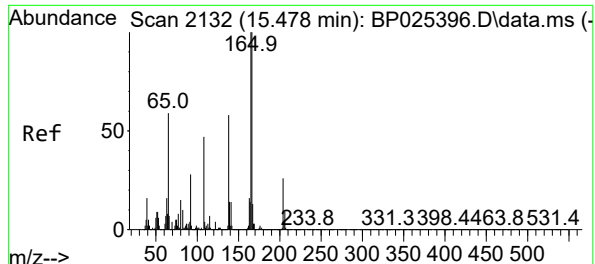


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



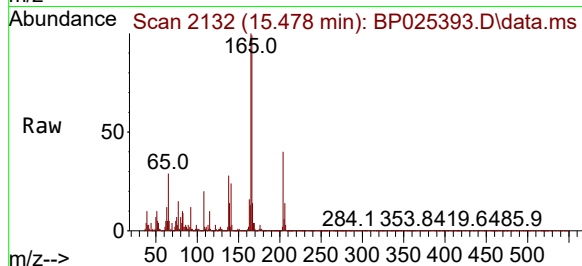
Tgt Ion:204 Resp: 74636
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 60.6 49.4 74.2





#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

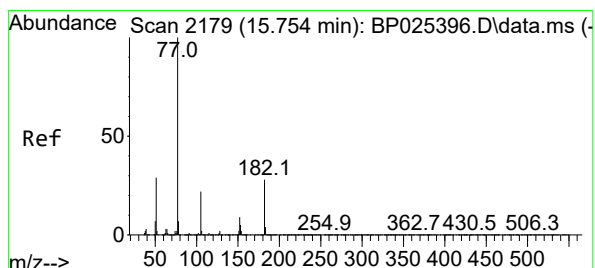
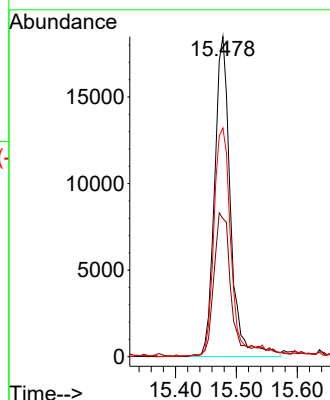
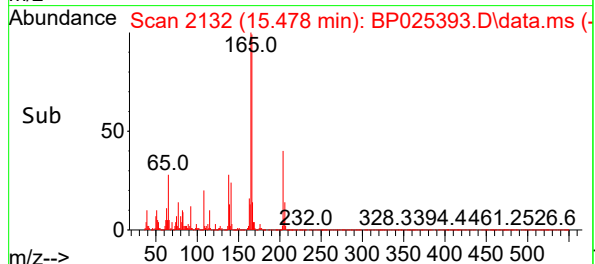
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 33460
Ion Ratio Lower Upper
138 100
92 43.2 29.1 69.1
108 71.5 61.5 101.5

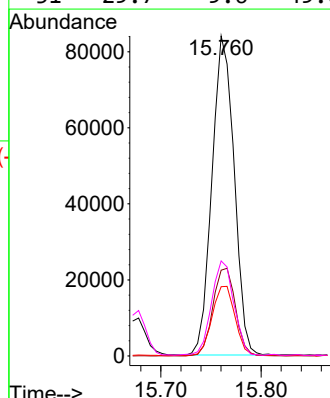
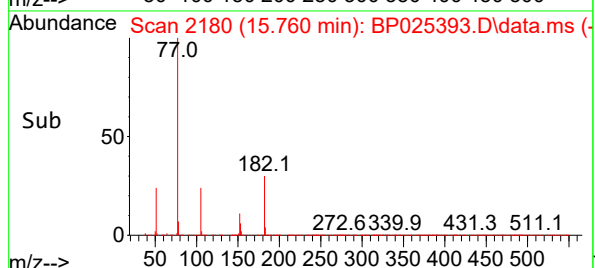
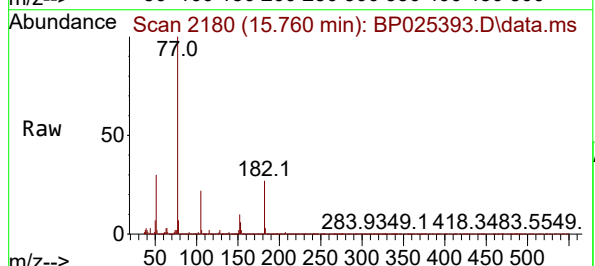
Manual Integrations
APPROVED

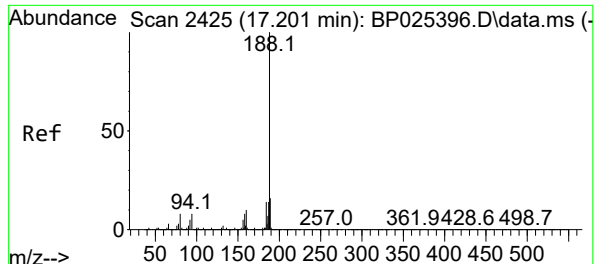
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 21.6 2.1 42.1
51 29.7 9.6 49.6





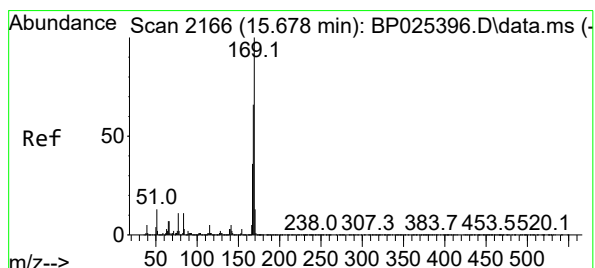
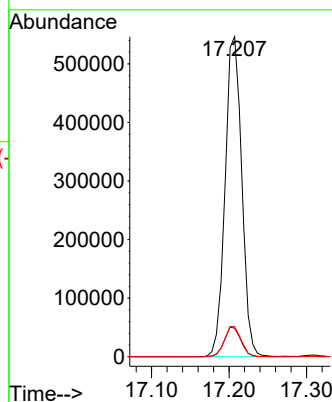
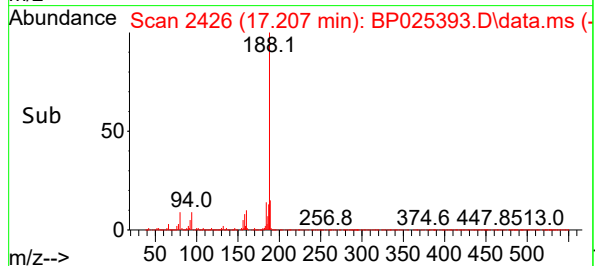
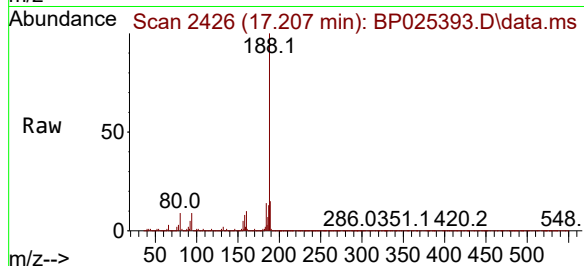
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 81633
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 6.7 10.1

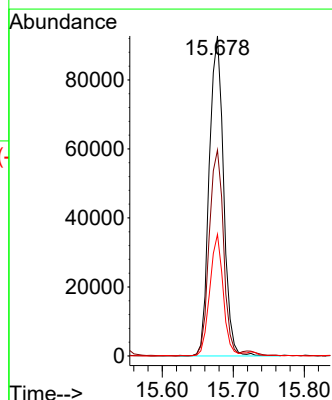
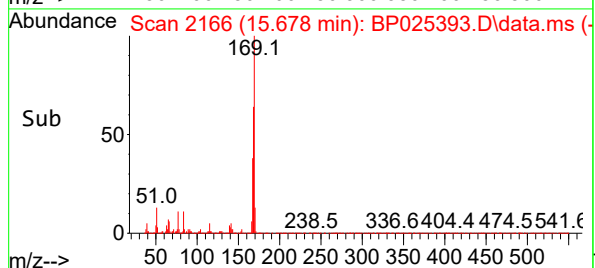
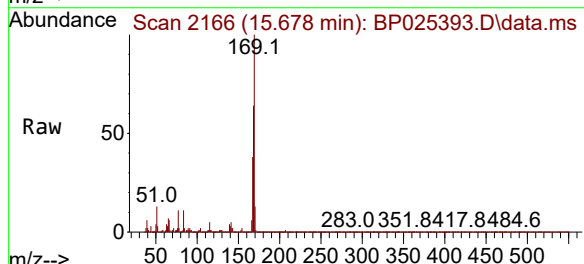
Manual Integrations
APPROVED

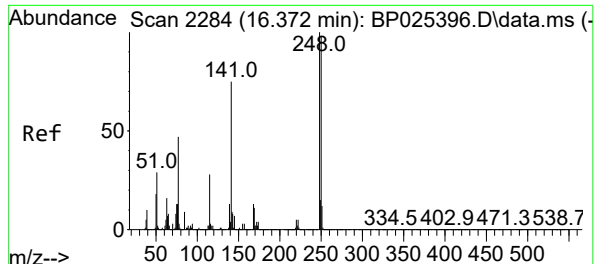
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805
Ion Ratio Lower Upper
169 100
168 64.3 53.2 79.8
167 38.0 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:248 Resp: 47579

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

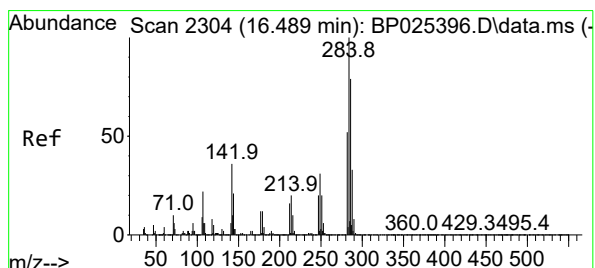
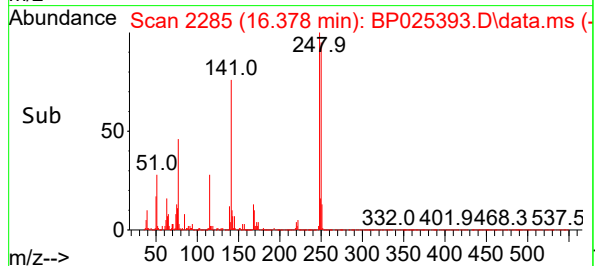
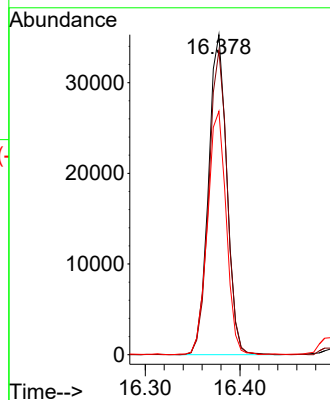
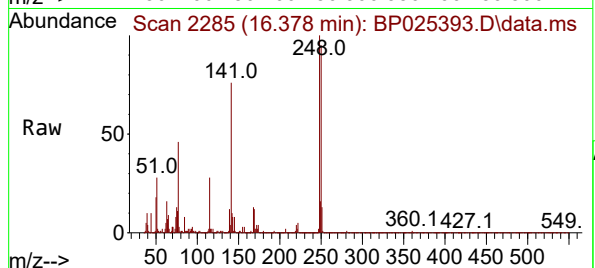
141 76.0 59.6 89.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 5.183 ng

RT: 16.501 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

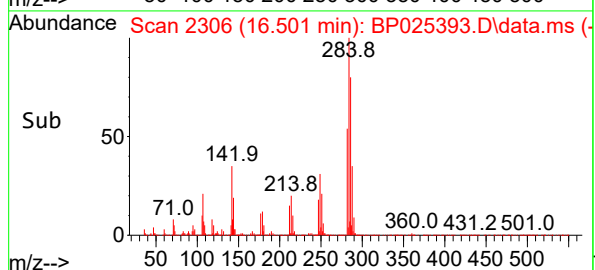
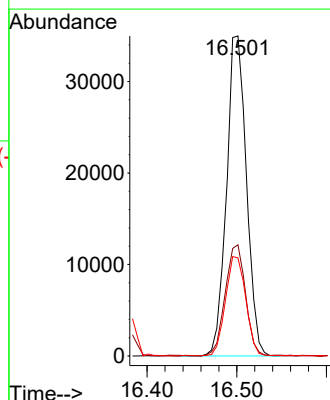
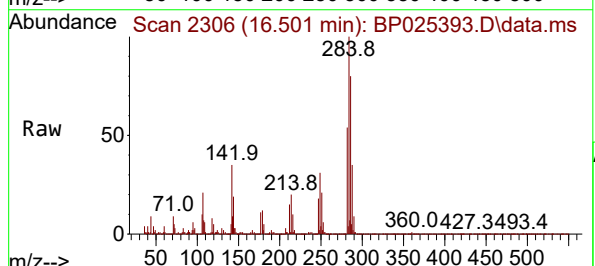
Tgt Ion:284 Resp: 53940

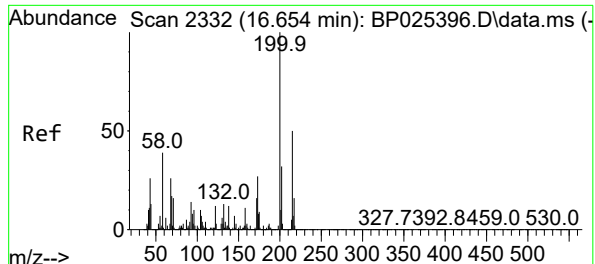
Ion Ratio Lower Upper

284 100

142 34.7 29.1 43.7

249 30.6 25.0 37.4





#69

Atrazine

Concen: 5.015 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 46750

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

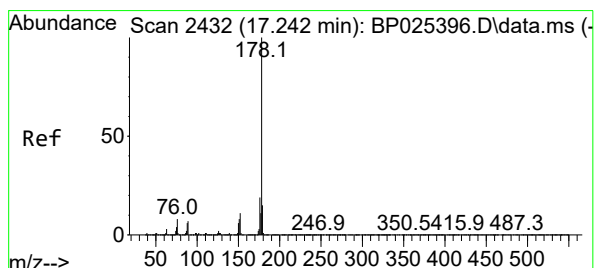
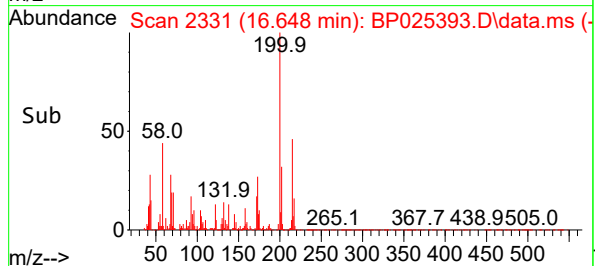
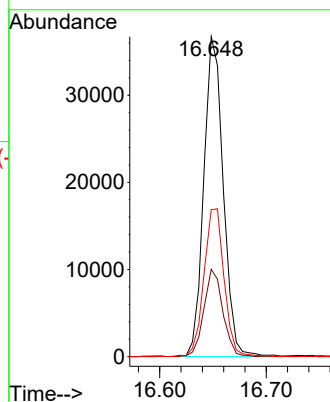
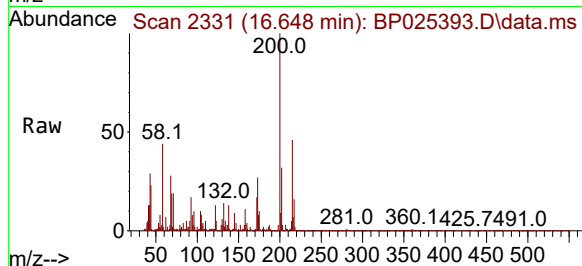
215 45.9 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#71

Phenanthrene

Concen: 5.287 ng

RT: 17.248 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

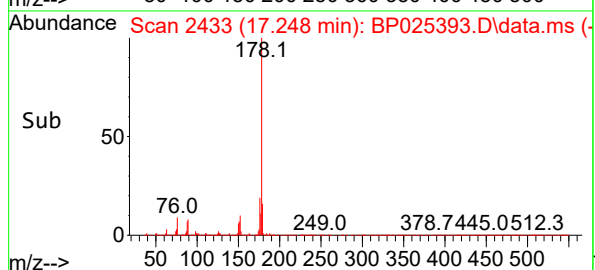
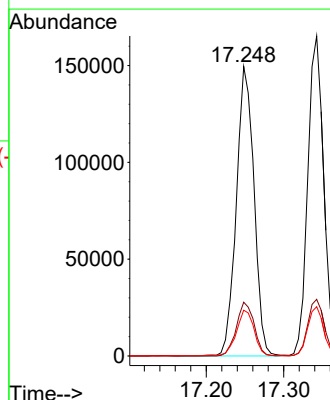
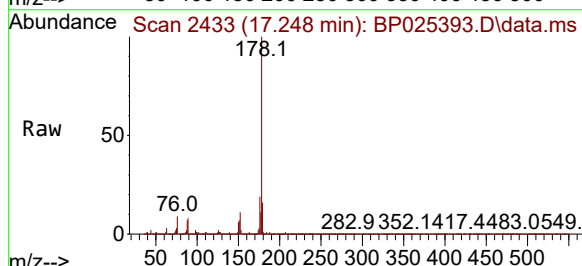
Tgt Ion:178 Resp: 237107

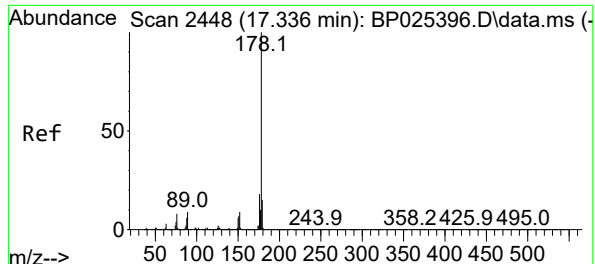
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

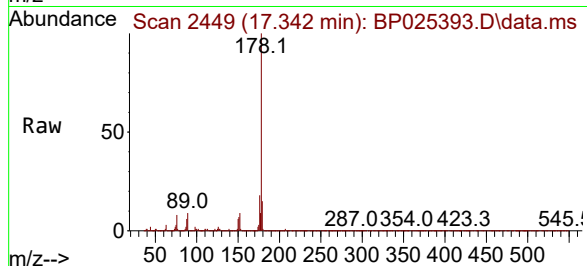
179 15.8 12.2 18.4





#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

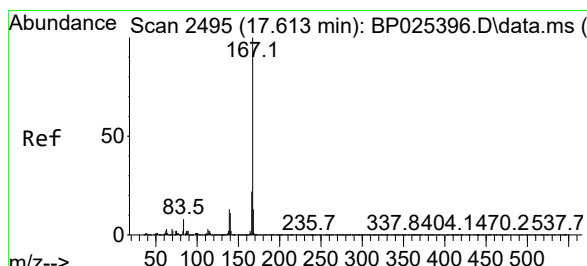
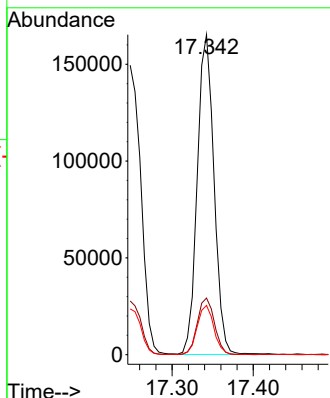
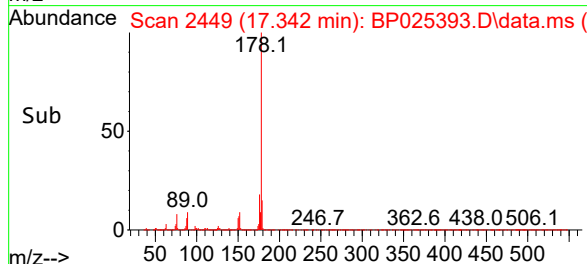
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



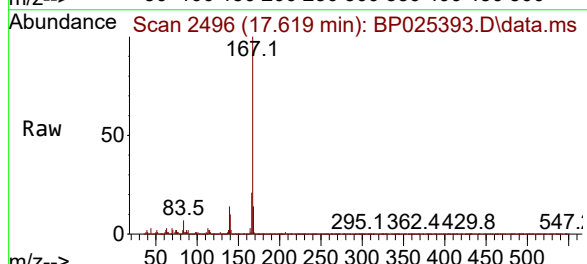
Tgt Ion:178 Resp: 236938
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.4 12.2 18.2

Manual Integrations
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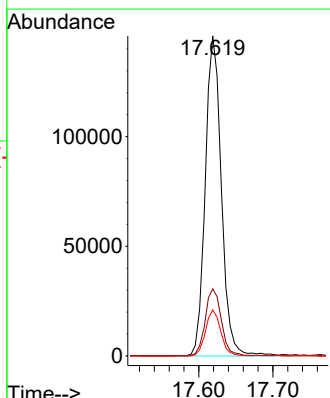
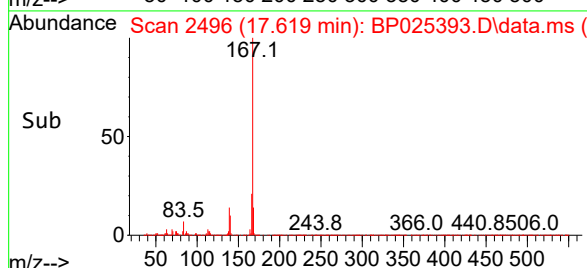
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

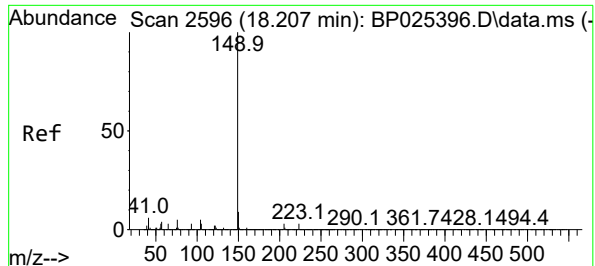


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



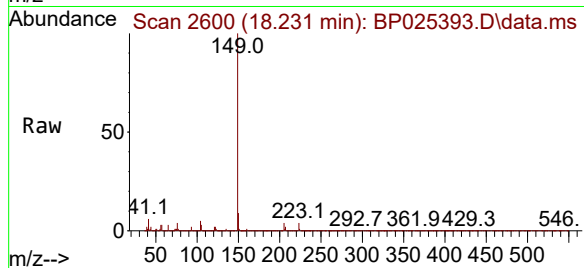
Tgt Ion:167 Resp: 220112
Ion Ratio Lower Upper
167 100
166 21.0 17.5 26.3
139 14.4 10.6 16.0





#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 20
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

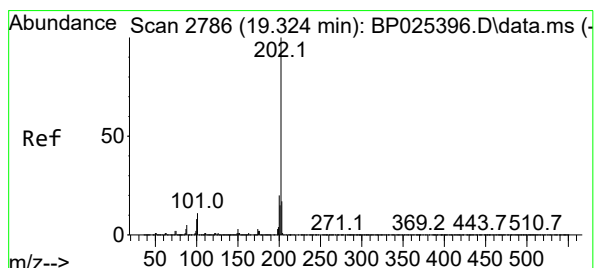
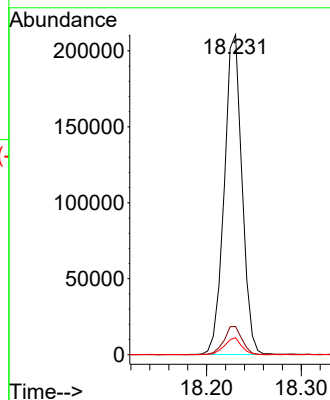
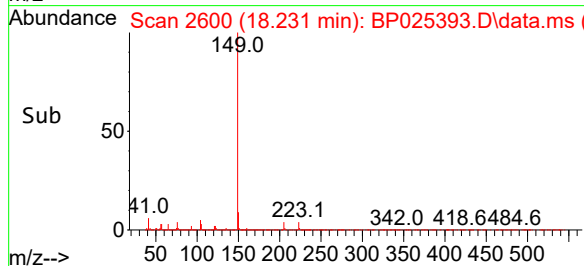
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



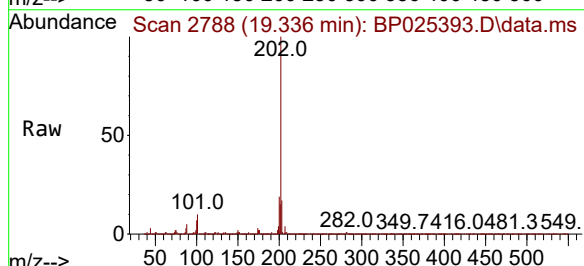
Tgt Ion:149 Resp: 27446
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.3 4.2 6.2

Manual Integrations
APPROVED

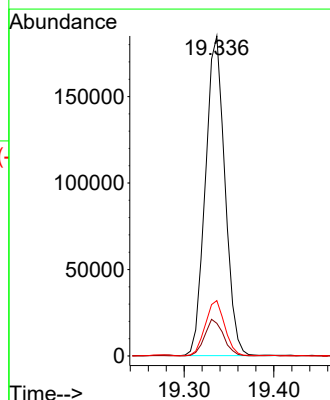
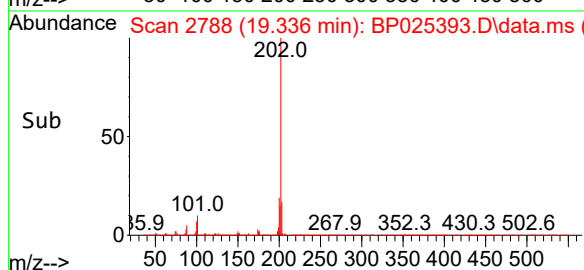
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

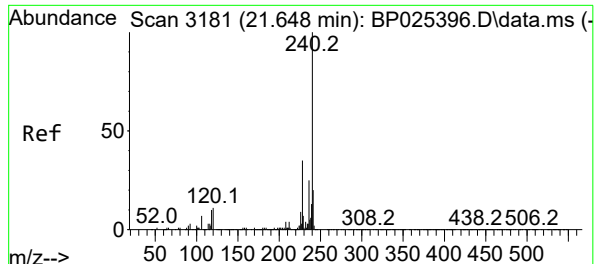


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



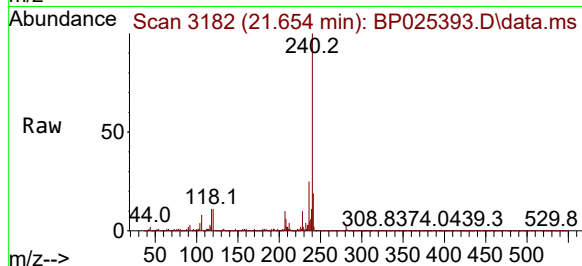
Tgt Ion:202 Resp: 279497
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.3 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

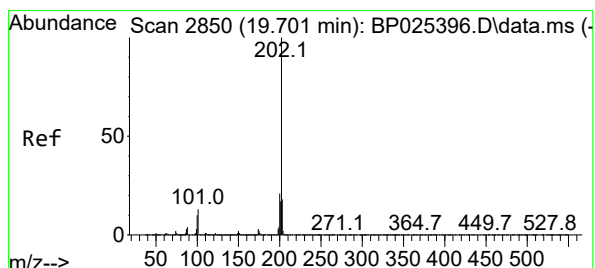
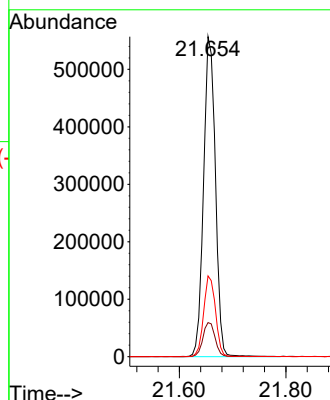
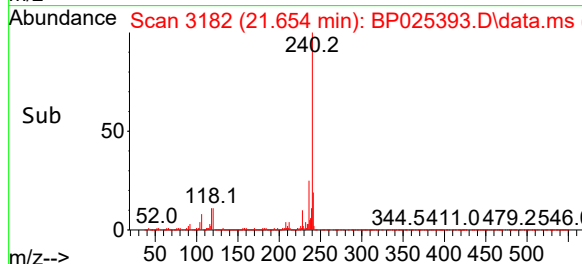
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 85816
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.2 19.8 29.8

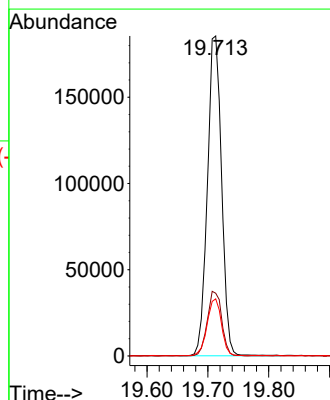
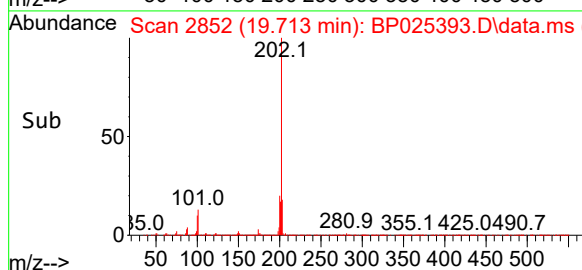
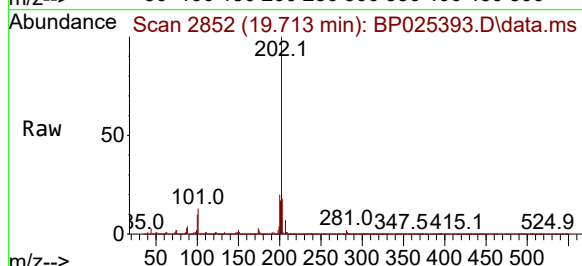
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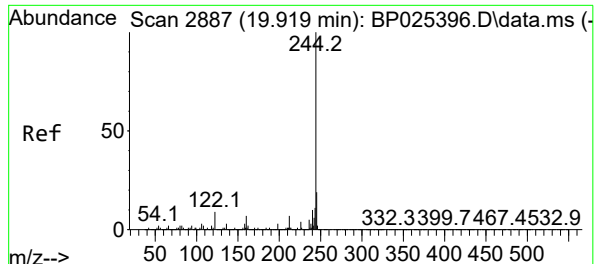
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922
Ion Ratio Lower Upper
202 100
200 19.6 16.9 25.3
203 17.8 14.2 21.2





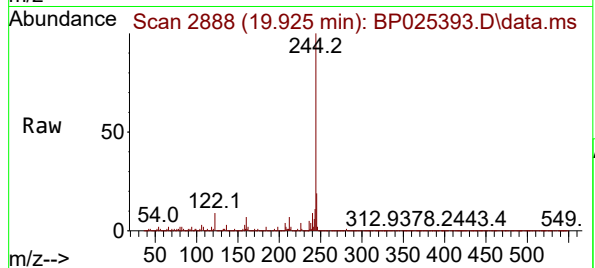
#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

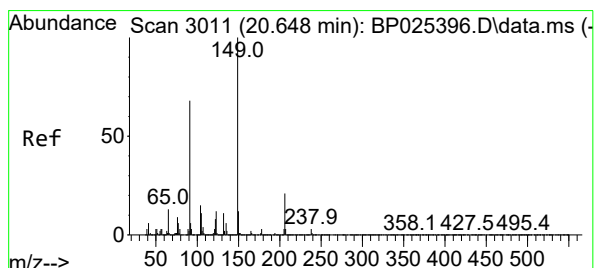
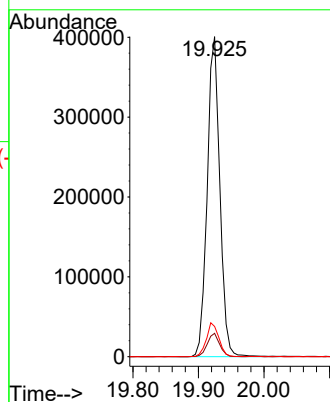
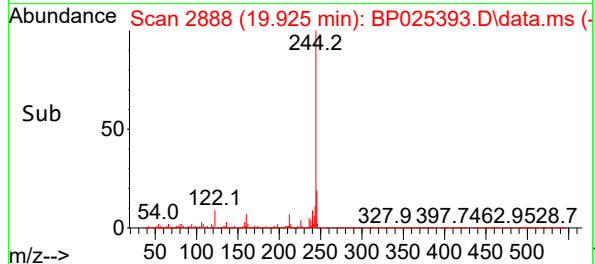


Tgt Ion:244 Resp: 536049
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.5 7.4 11.2

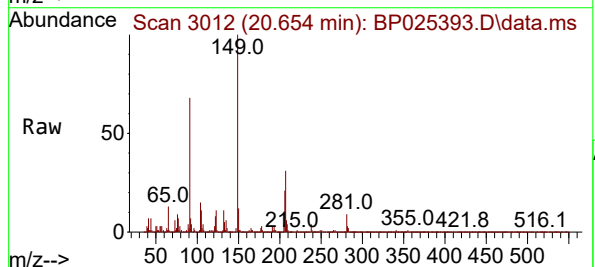
Manual Integrations

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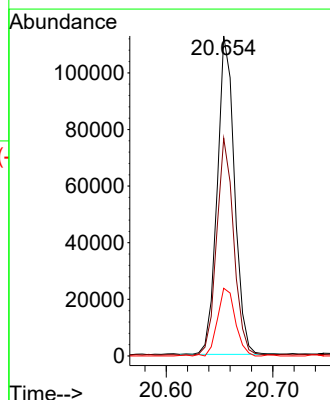
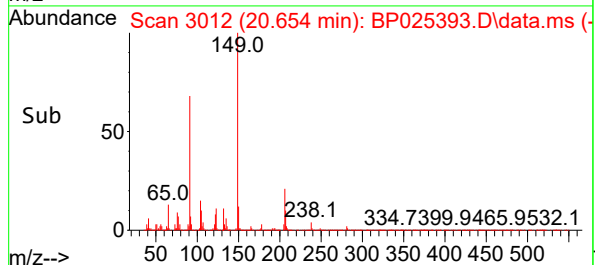
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

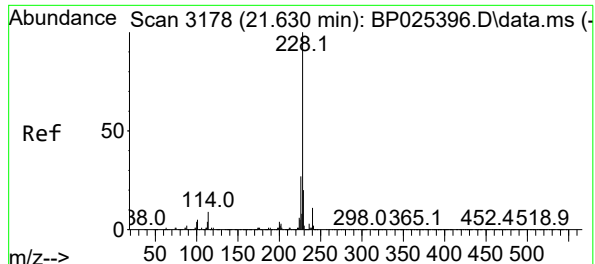


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



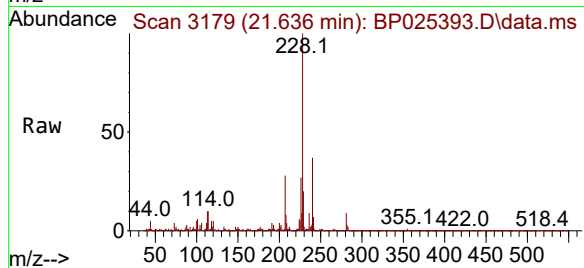
Tgt Ion:149 Resp: 126321
Ion Ratio Lower Upper
149 100
91 68.0 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

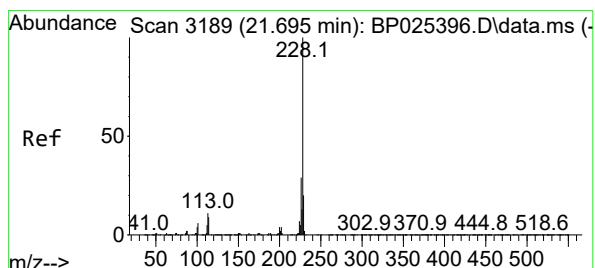
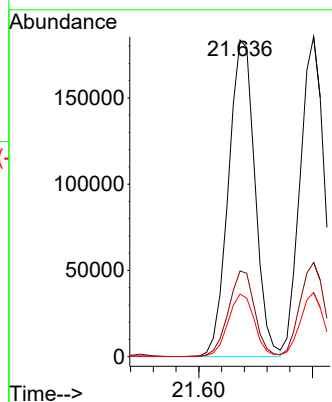
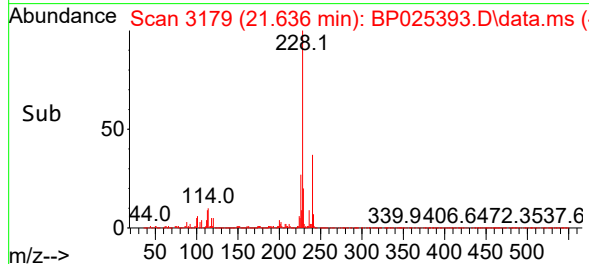
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 29684
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.6 23.4

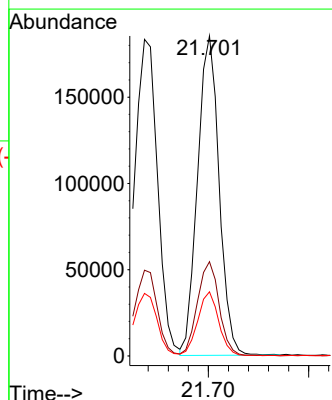
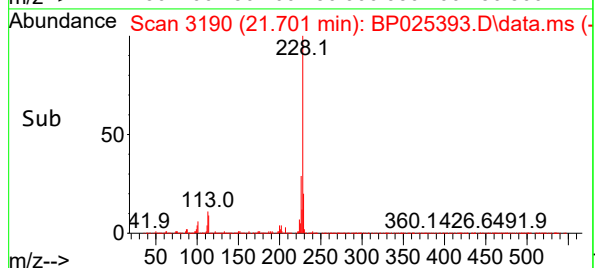
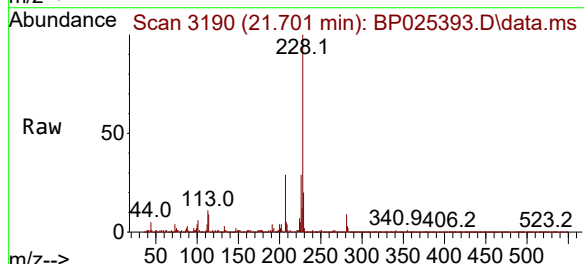
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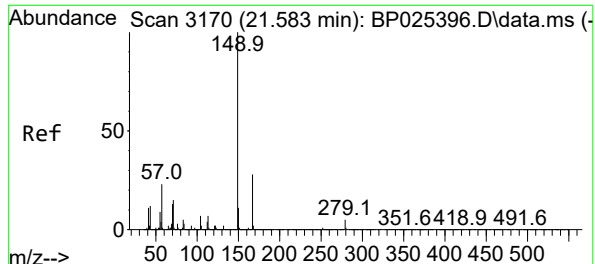
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

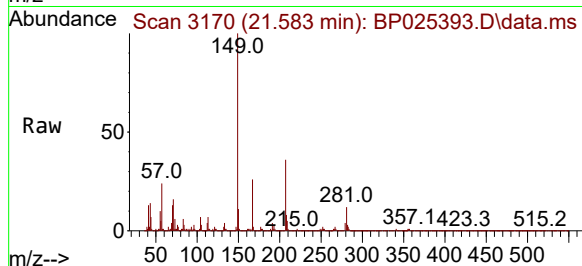
Tgt Ion:228 Resp: 277175
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 20.0 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

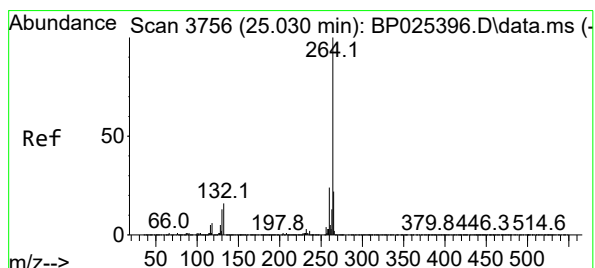
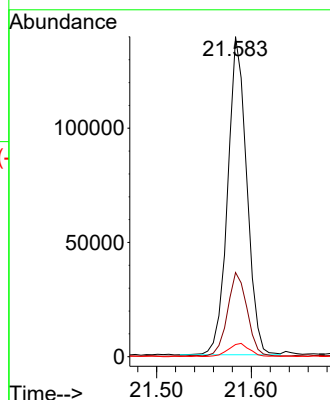
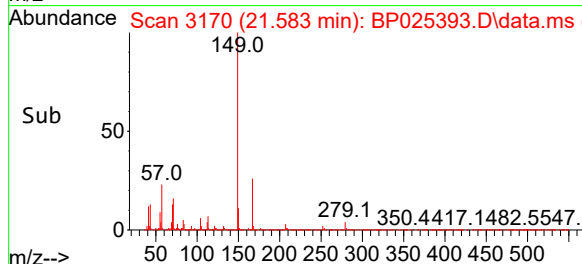
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



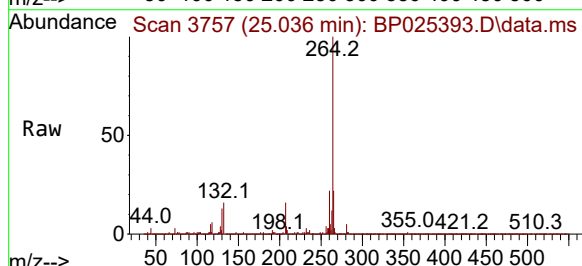
Tgt Ion:149 Resp: 19454
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 3.8 3.8 5.6

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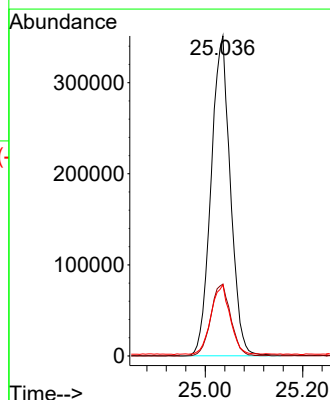
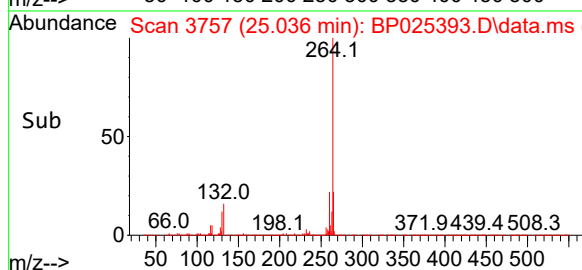
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

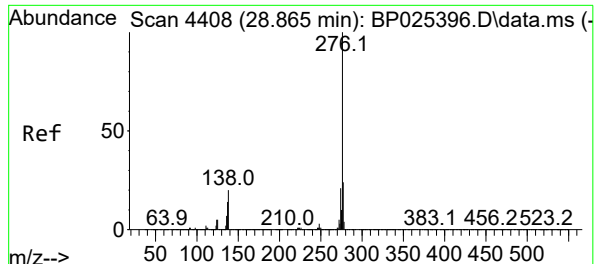


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



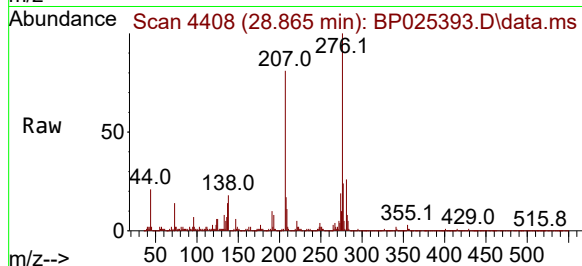
Tgt Ion:264 Resp: 963881
Ion Ratio Lower Upper
264 100
260 22.5 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

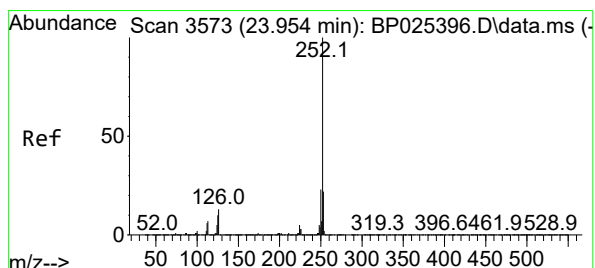
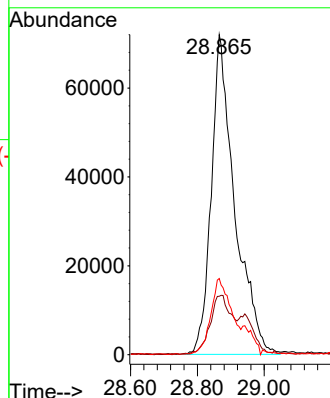
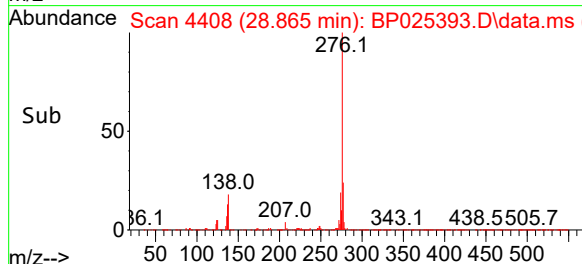
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 350414
Ion Ratio Lower Upper
276 100
138 17.1 12.9 19.3
277 20.8 17.0 25.6

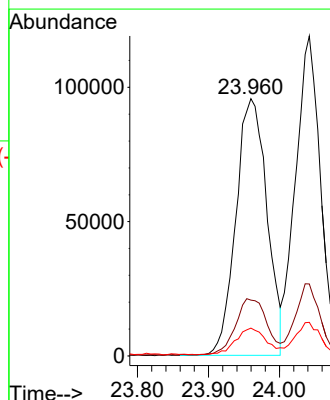
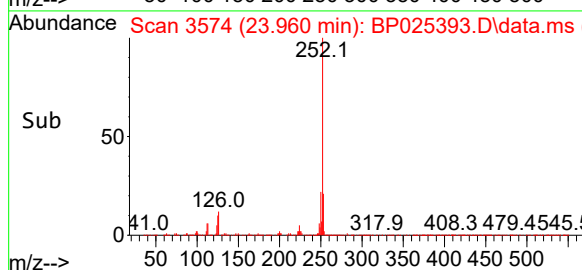
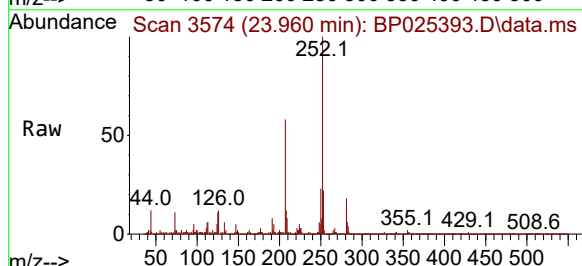
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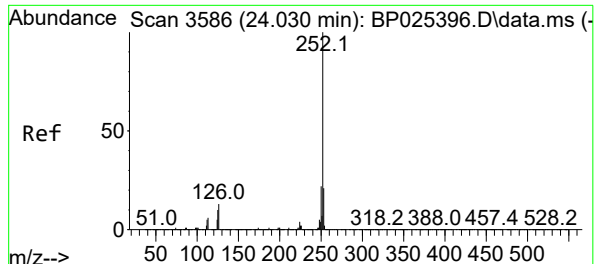
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 252 Resp: 289797
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 5.091 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

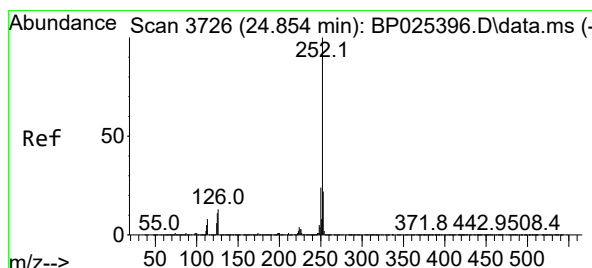
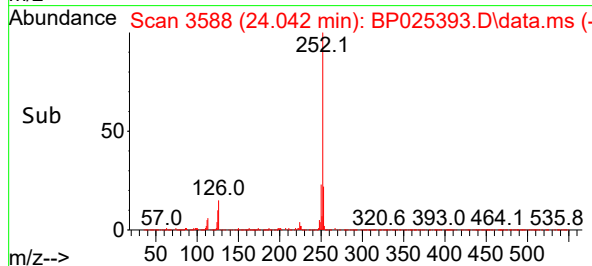
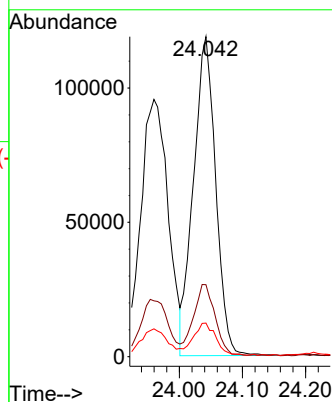
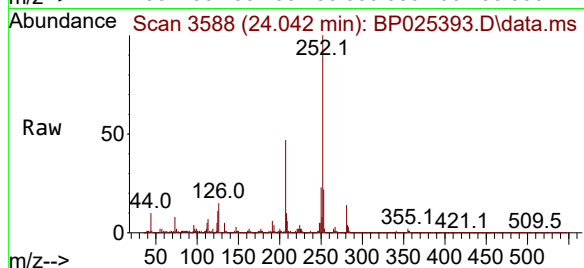
SSTDICC005

Tgt Ion:252	Resp: 289550
Ion Ratio	Lower Upper
252	100
253	22.5 17.1 25.7
125	10.5 7.8 11.6

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 4.960 ng

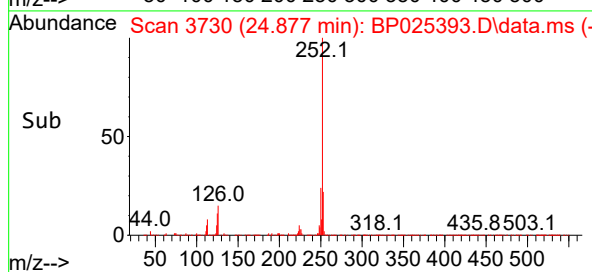
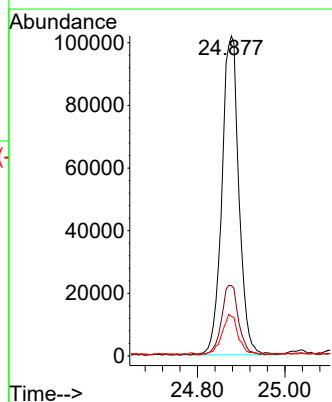
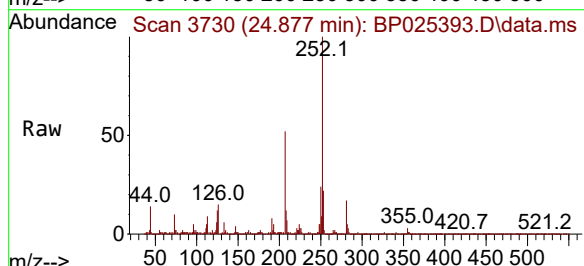
RT: 24.877 min Scan# 3730

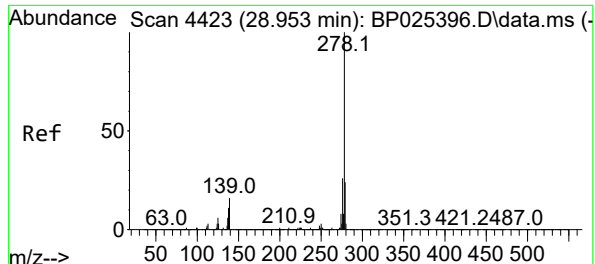
Delta R.T. 0.024 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

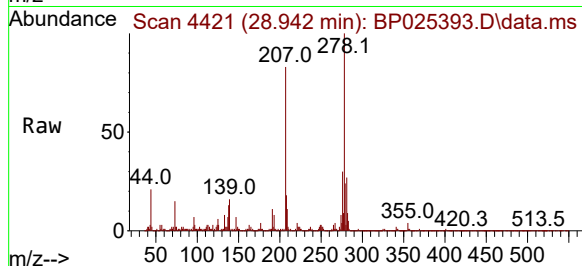
Tgt Ion:252	Resp: 274440
Ion Ratio	Lower Upper
252	100
253	22.0 17.5 26.3
125	12.4 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 4423
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

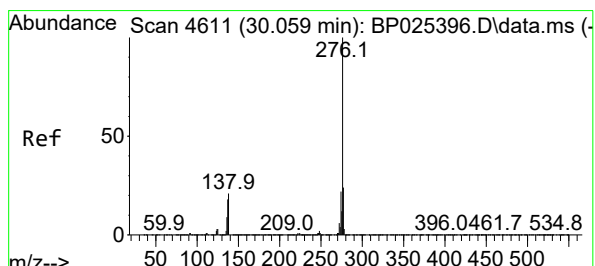
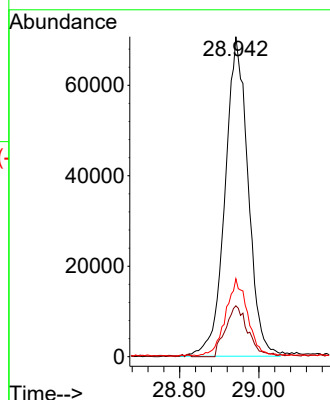
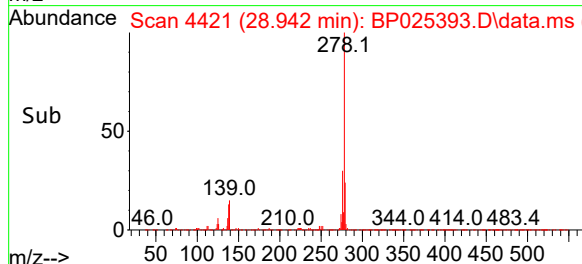
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



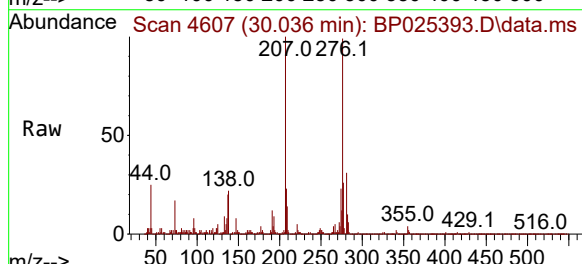
Tgt Ion: 278 Resp: 284440
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.4
279 24.3 19.4 29.2

Manual Integrations
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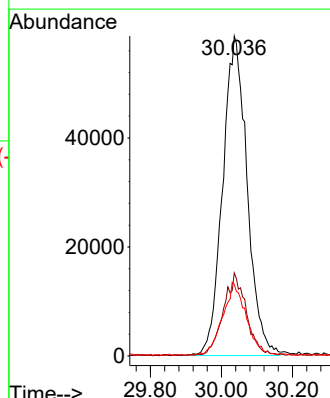
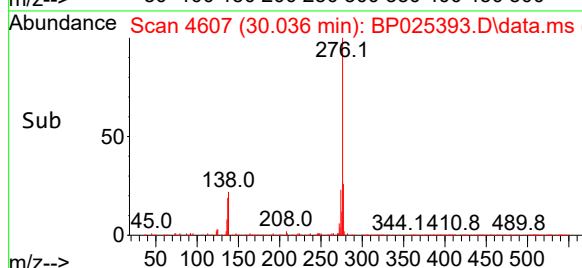
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 276 Resp: 279987
Ion Ratio Lower Upper
276 100
277 26.0 19.4 29.0
138 22.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng	0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng	0.00
86) Perylene-d12	25.036	264	980670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	162289	19.551	ng	0.00
7) Phenol-d6	6.966	99	202204	19.000	ng	0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng	0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng	98
3) Pyridine	3.731	79	86156	9.681	ng	100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	# 99
6) Aniline	7.125	93	135217	9.430	ng	99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng	98
9) Benzaldehyde	6.943	77	68064m	9.129	ng	
10) Phenol	6.996	94	105394	9.438	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng	98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng	98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng	98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng	98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng	99
17) 2-Methylphenol	8.231	107	70991	9.153	ng	98
18) Hexachloroethane	8.866	117	37473	9.654	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng	99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng	97
22) Acetophenone	8.602	105	137361	9.712	ng	# 98
24) Nitrobenzene	8.972	77	96502	9.685	ng	97
25) Isophorone	9.502	82	189510	9.604	ng	99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng	96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng	99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng	97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng	94
31) Naphthalene	10.613	128	287754	9.816	ng	99
32) Benzoic acid	9.825	122	53034m	8.188	ng	
33) 4-Chloroaniline	10.713	127	122647	9.472	ng	98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng	97
35) Caprolactam	11.472	113	32038	10.001	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng	97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng	100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng	99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng	97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 17:44:43 2025

Response via : Initial Calibration

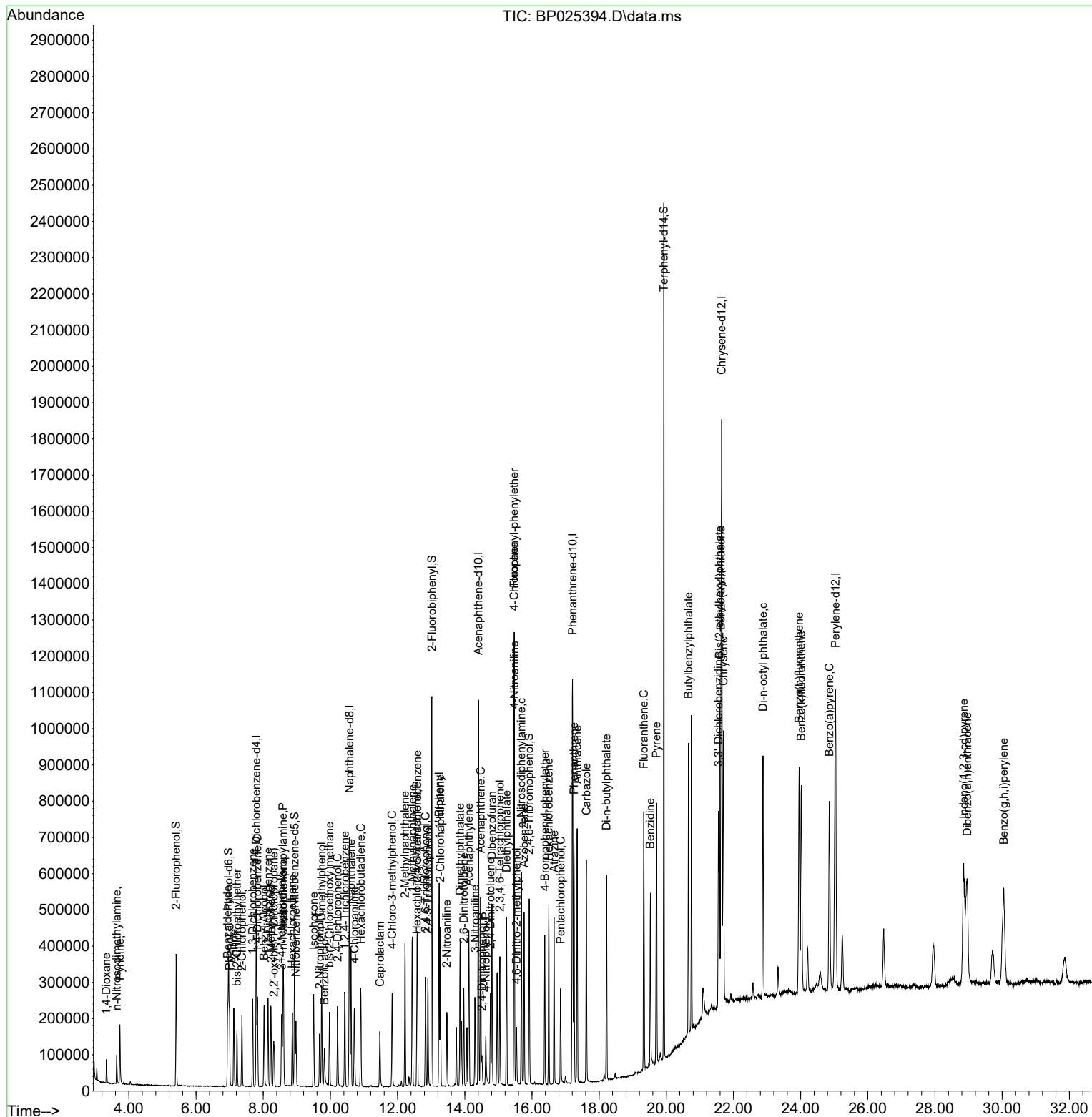
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

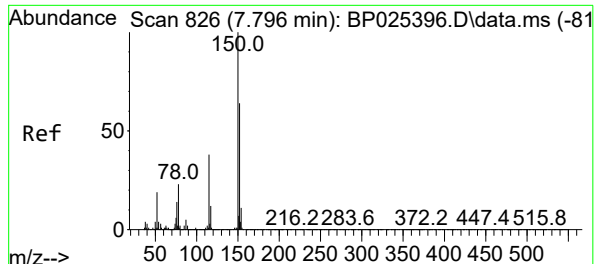
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





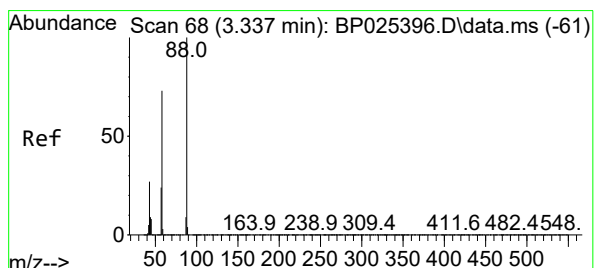
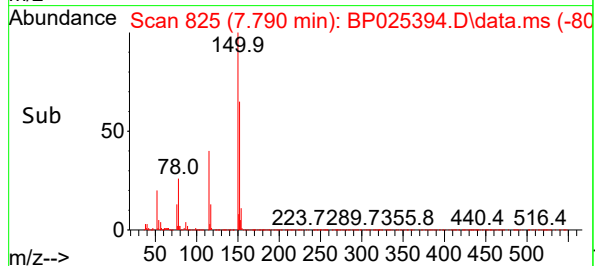
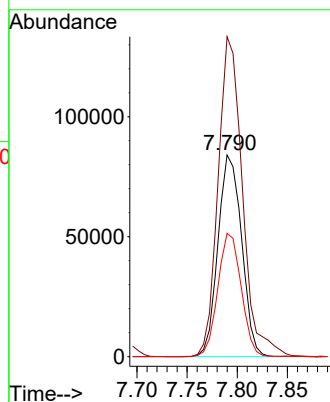
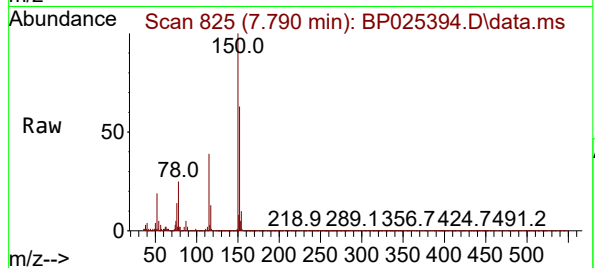
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 137852
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 61.1 48.5 72.7

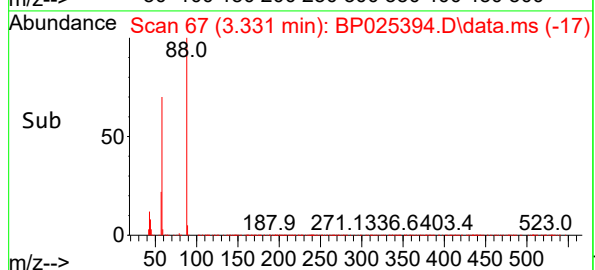
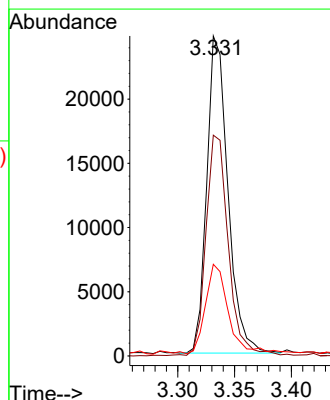
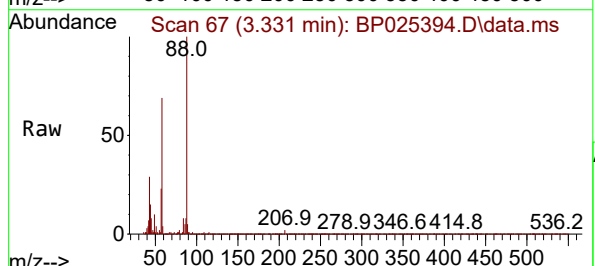
Manual Integrations
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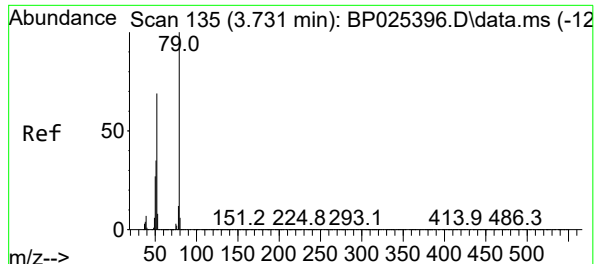
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

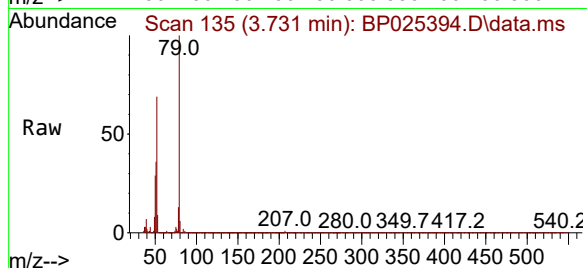
Tgt Ion: 88 Resp: 31948
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 30.8 21.7 32.5





#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

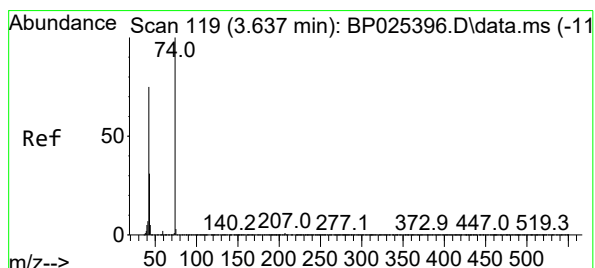
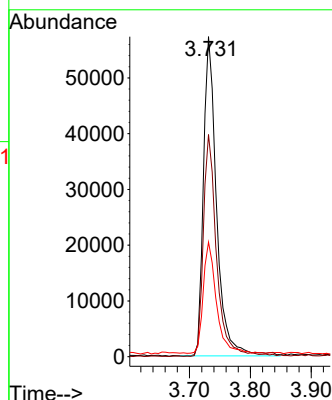
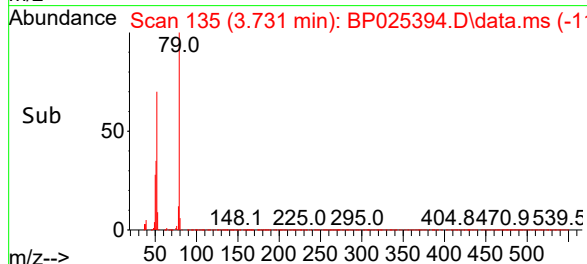
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 86150
Ion Ratio Lower Upper
79 100
52 69.4 55.5 83.3
51 35.8 28.3 42.5

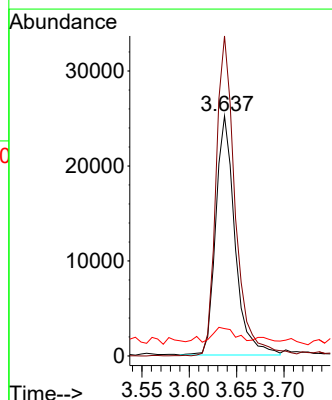
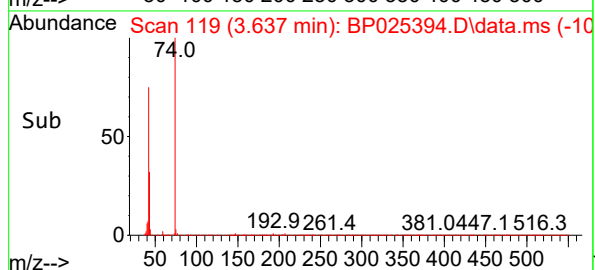
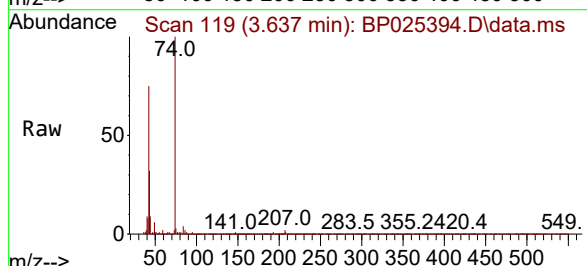
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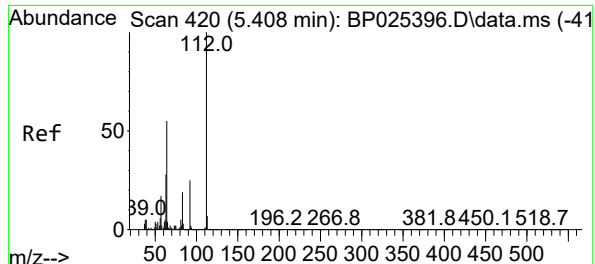
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519
Ion Ratio Lower Upper
42 100
74 133.3 107.0 160.4
44 11.4 6.2 9.4





#5

2-Fluorophenol

Concen: 19.551 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 162289

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.8

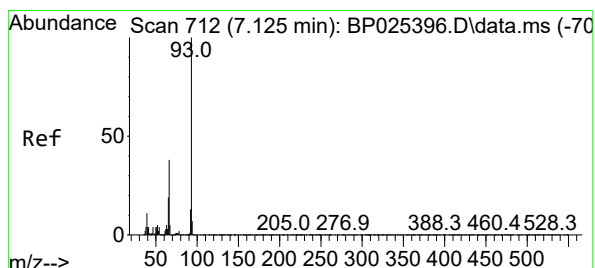
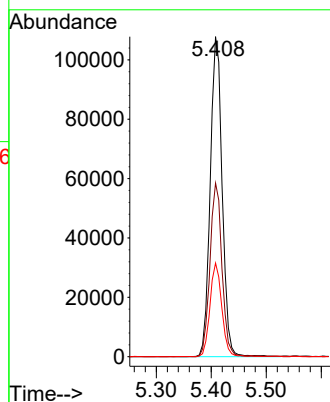
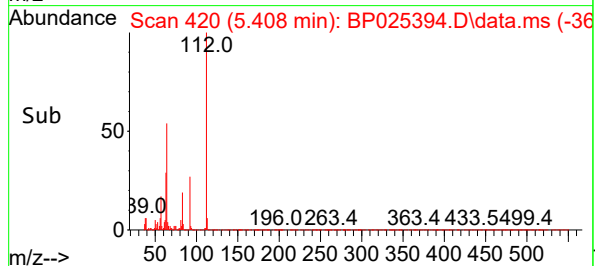
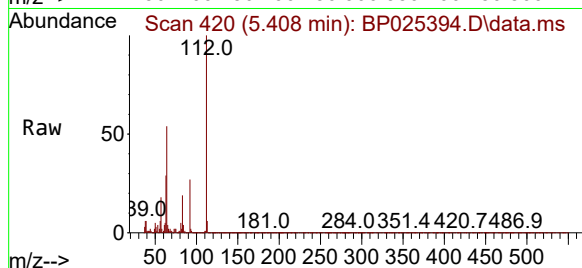
63 29.3 22.7 34.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 9.430 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

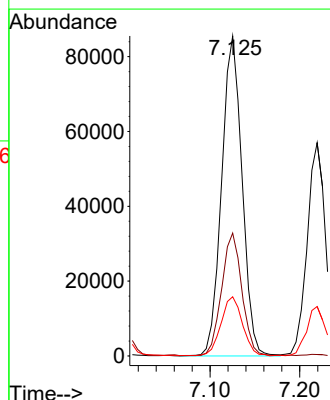
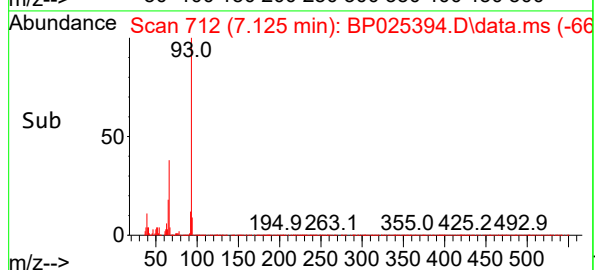
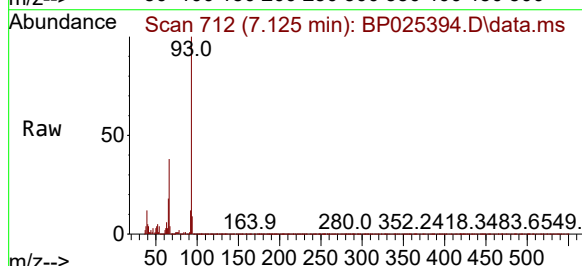
Tgt Ion: 93 Resp: 135217

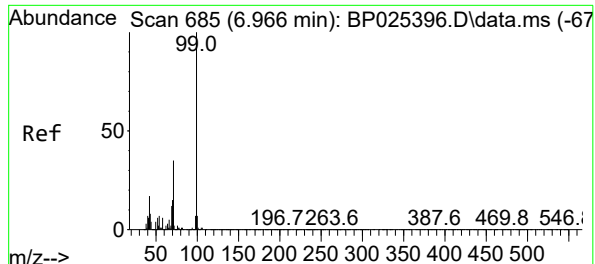
Ion Ratio Lower Upper

93 100

66 38.4 30.4 45.6

65 18.5 15.3 22.9





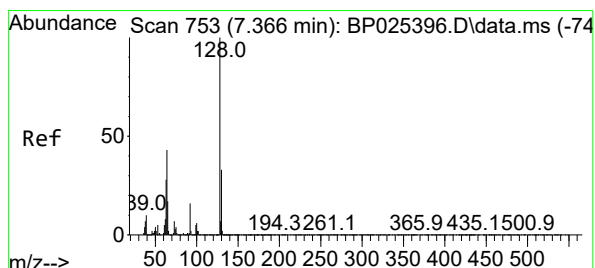
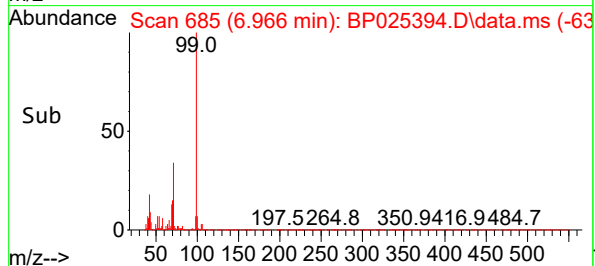
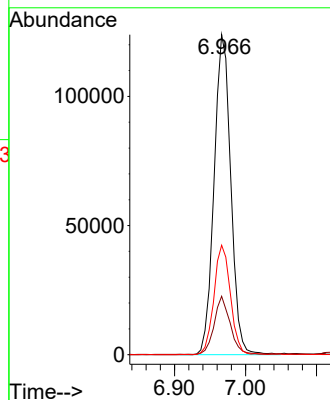
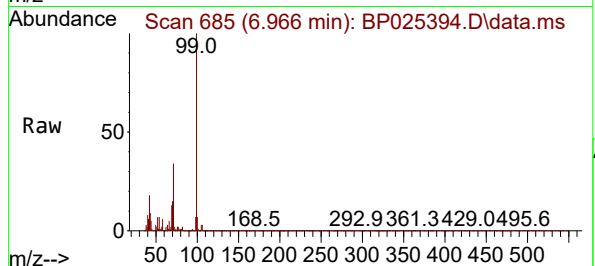
#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 202204
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.2 28.2 42.4

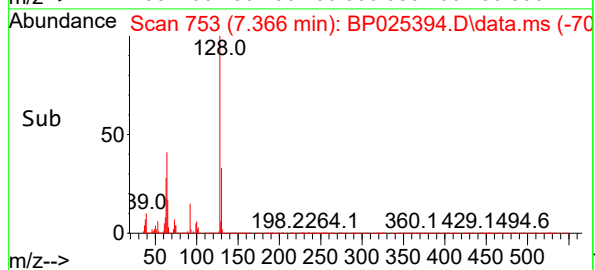
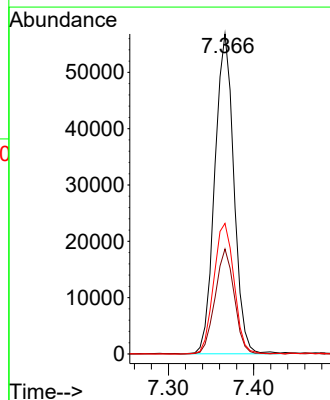
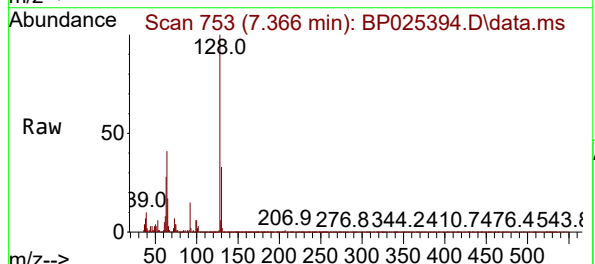
Manual Integrations
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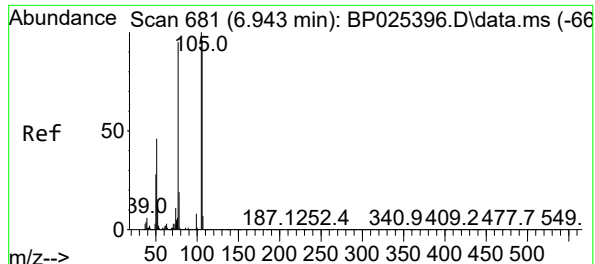
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

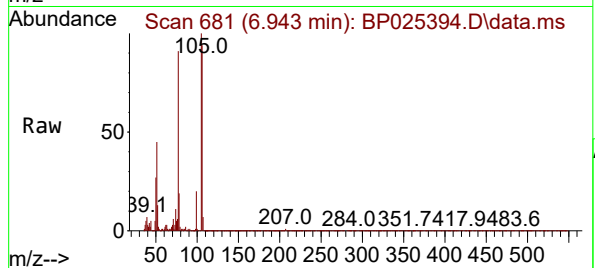
Tgt Ion:128 Resp: 88413
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 40.8 23.4 63.4





#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

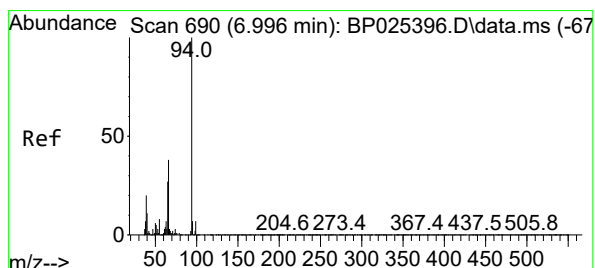
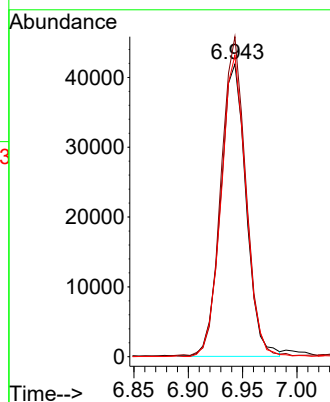
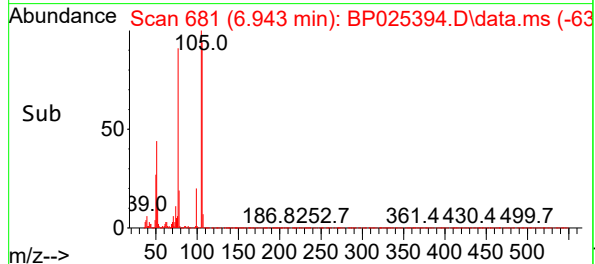
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 68064
Ion Ratio Lower Upper
77 100
105 109.4 84.8 124.8
106 103.0 80.5 120.5

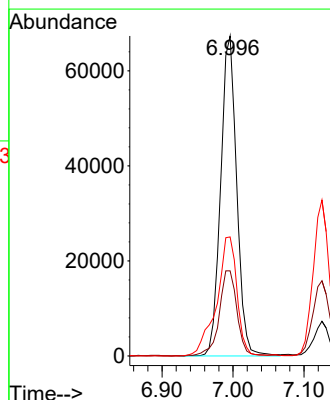
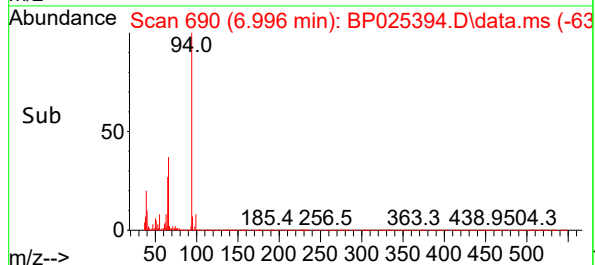
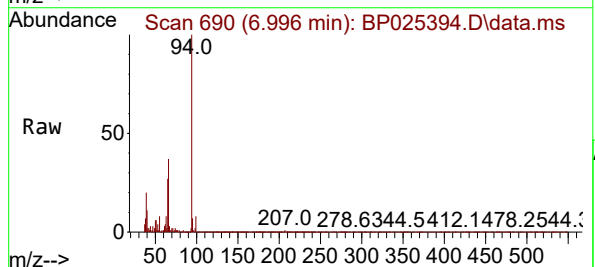
Manual Integrations
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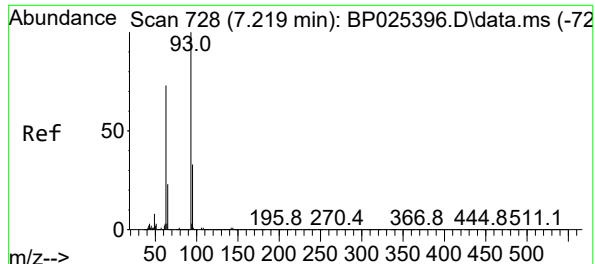
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

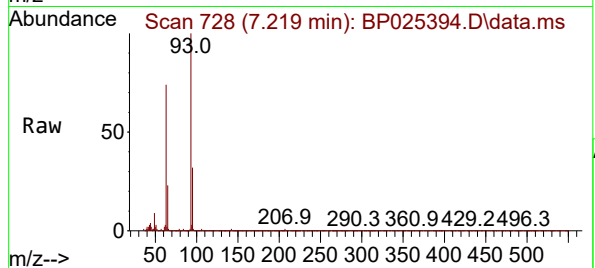
Tgt Ion: 94 Resp: 105394
Ion Ratio Lower Upper
94 100
65 26.6 6.8 46.8
66 37.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

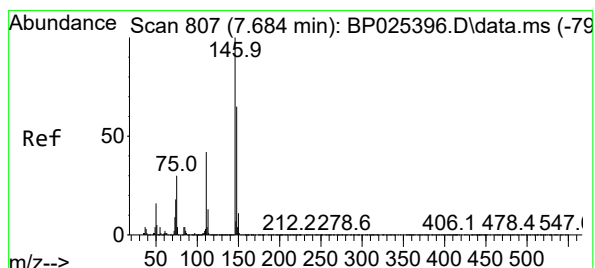
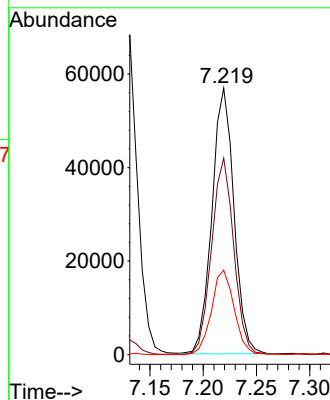
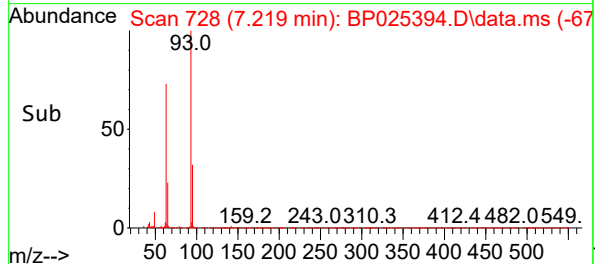
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



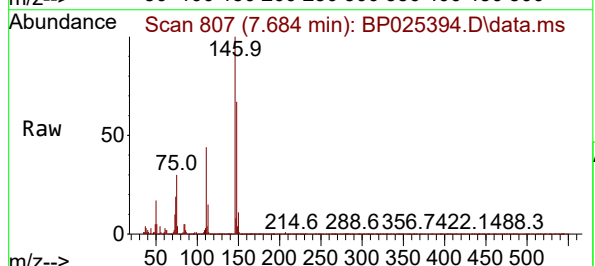
Tgt Ion: 93 Resp: 8154
Ion Ratio Lower Upper
93 100
63 73.7 52.6 92.6
95 31.7 12.7 52.7

Manual Integrations
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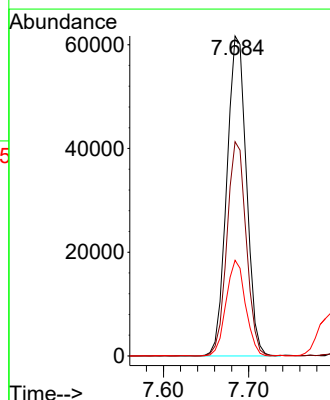
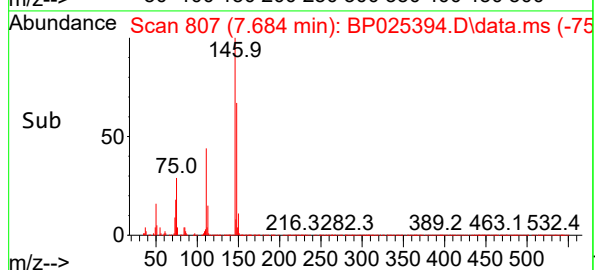
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

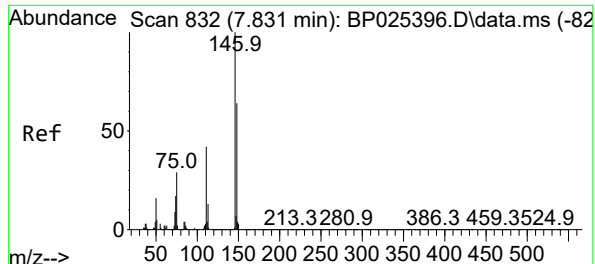


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:146 Resp: 98782
Ion Ratio Lower Upper
146 100
148 67.0 51.9 77.9
75 29.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 9.731 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 102729

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

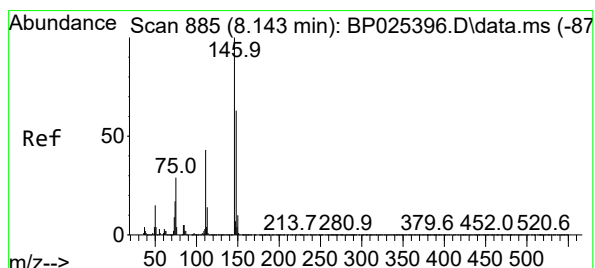
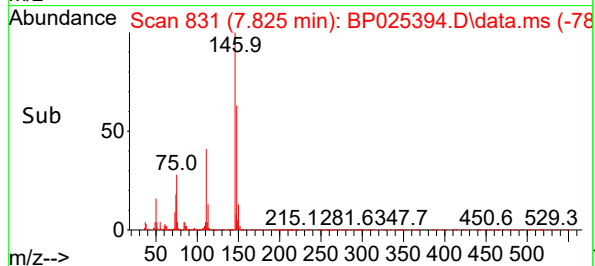
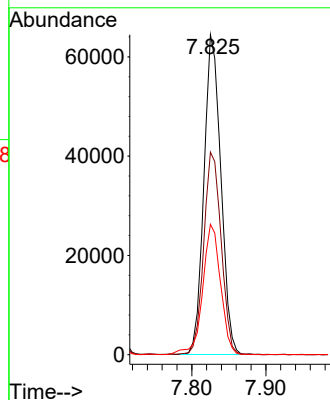
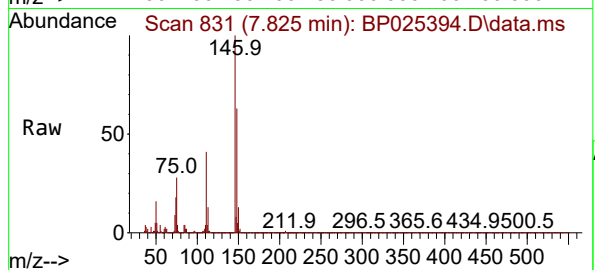
111 40.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 9.647 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

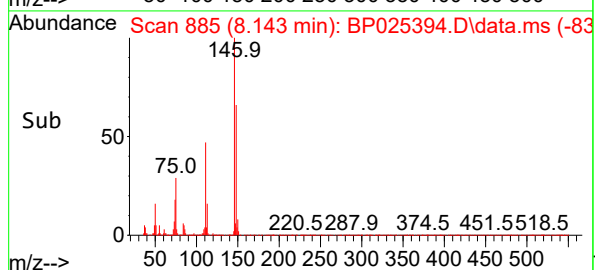
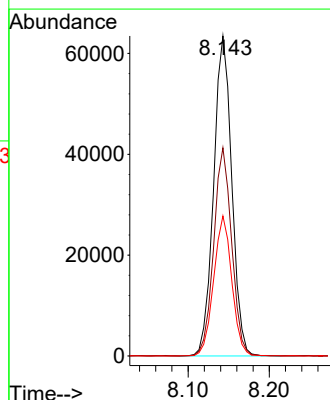
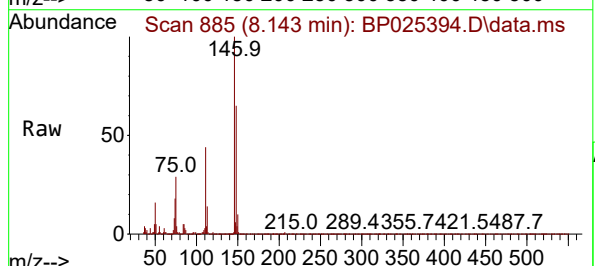
Tgt Ion:146 Resp: 98589

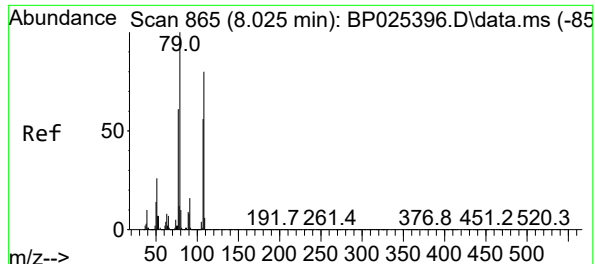
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 43.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 9.273 ng

RT: 8.025 min Scan# 865

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

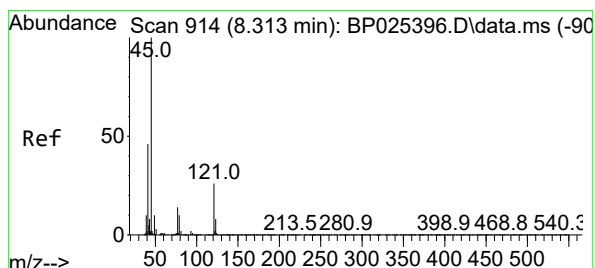
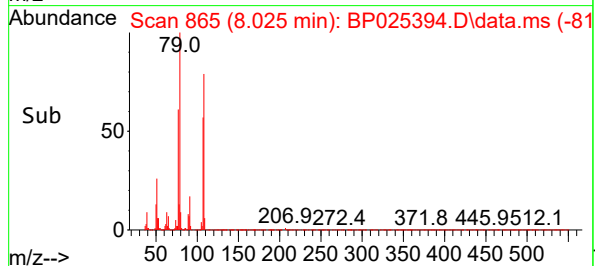
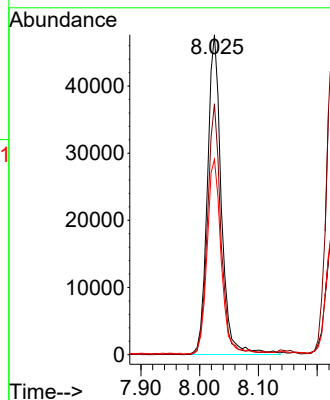
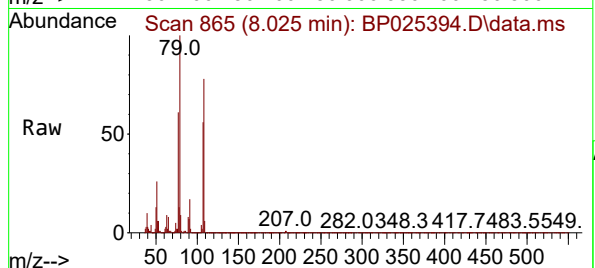
Tgt Ion:	79	Resp:	7841
Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.8	95.6
77	61.0	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.412 ng

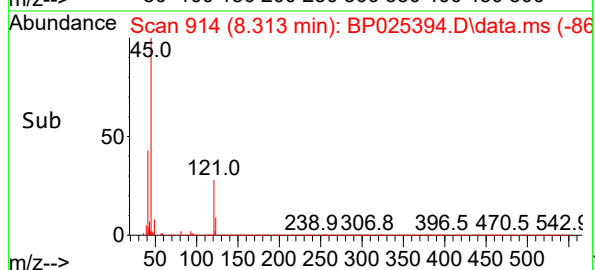
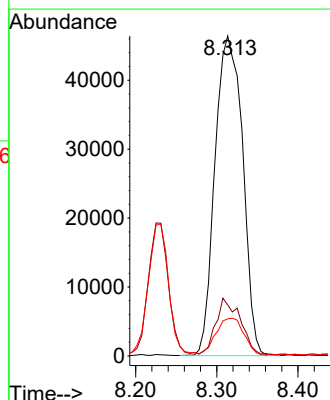
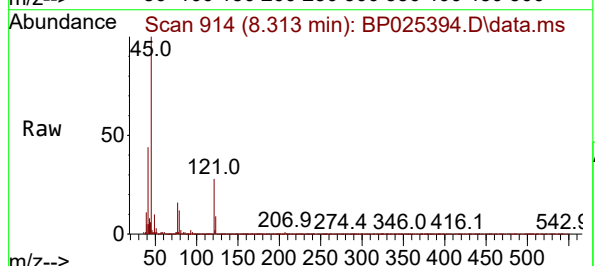
RT: 8.313 min Scan# 914

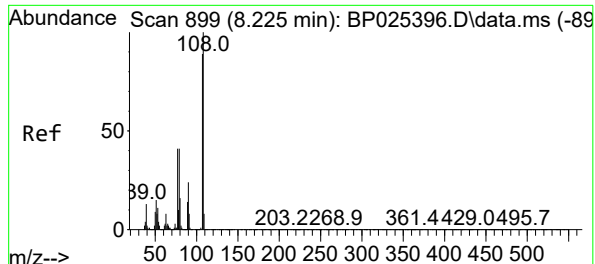
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:	45	Resp:	109744
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.3
79	11.6	0.0	31.8





#17

2-Methylphenol

Concen: 9.153 ng

RT: 8.231 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 7099

Ion Ratio Lower Upper

107 100

108 108.4 89.4 134.0

77 45.5 36.3 54.5

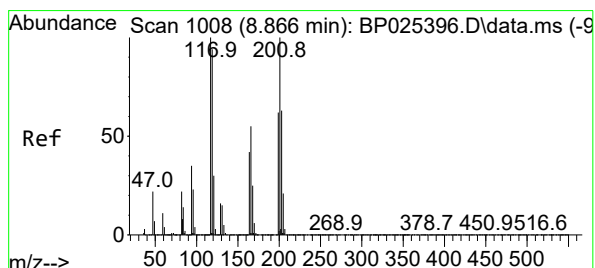
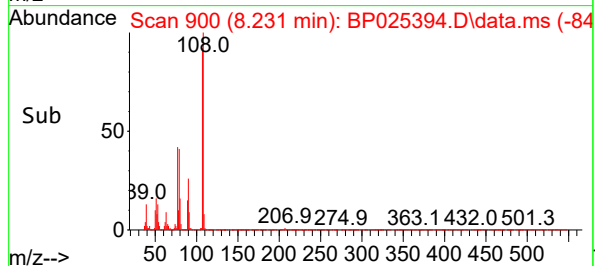
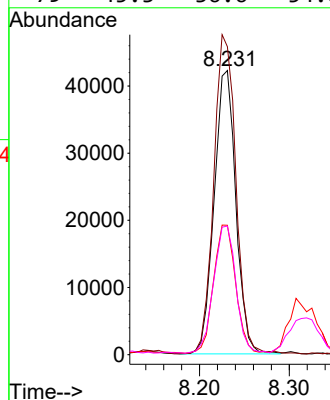
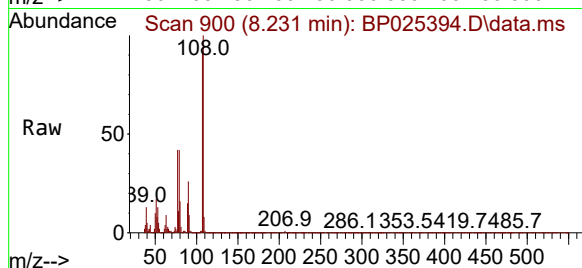
79 45.3 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 9.654 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

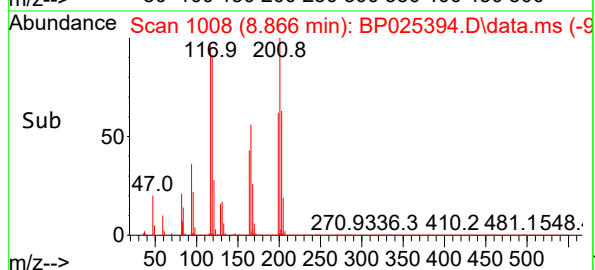
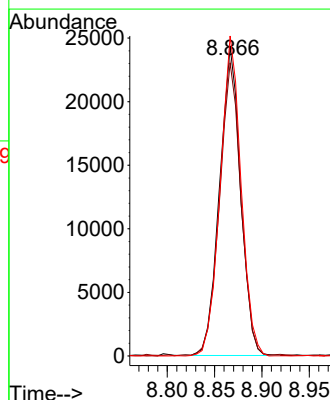
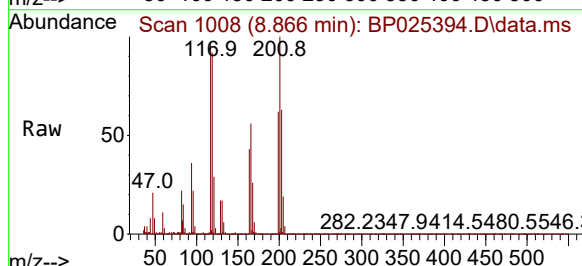
Tgt Ion:117 Resp: 37473

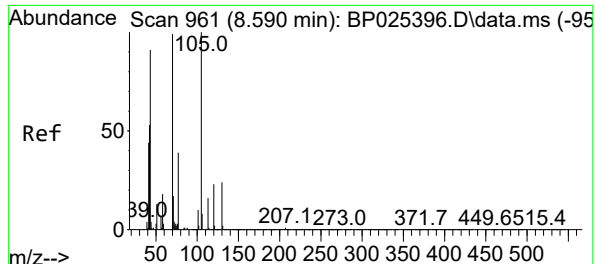
Ion Ratio Lower Upper

117 100

119 94.8 75.1 112.7

201 103.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 9.366 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 6610

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.1 8.5 12.7

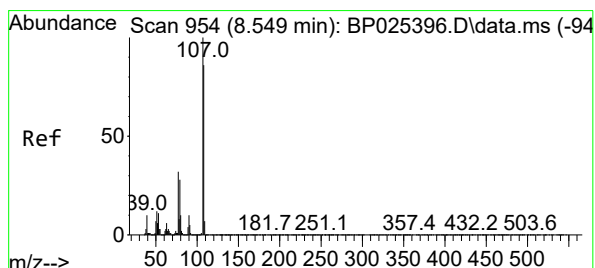
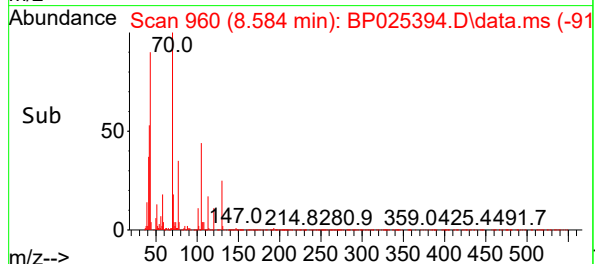
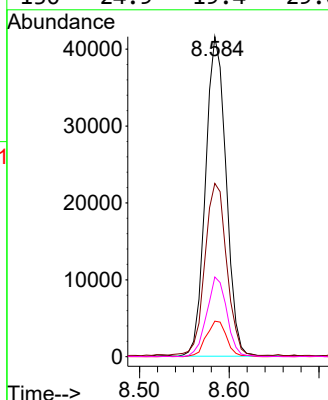
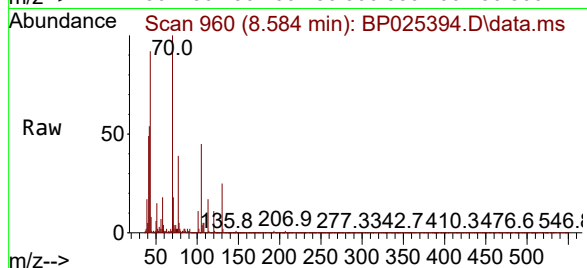
130 24.9 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 9.244 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

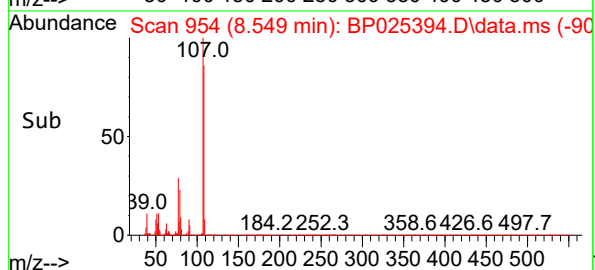
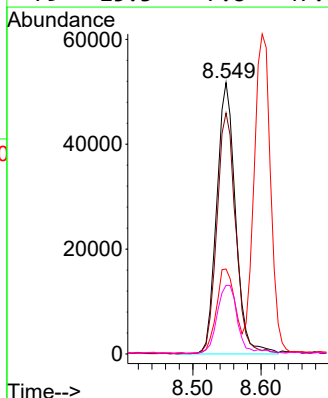
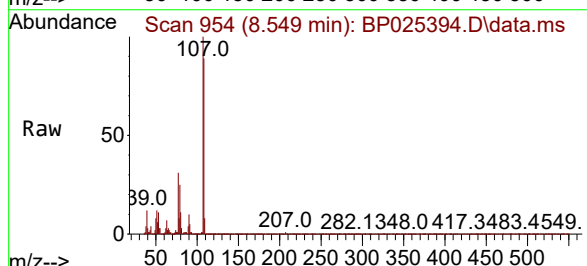
Ion Ratio Lower Upper

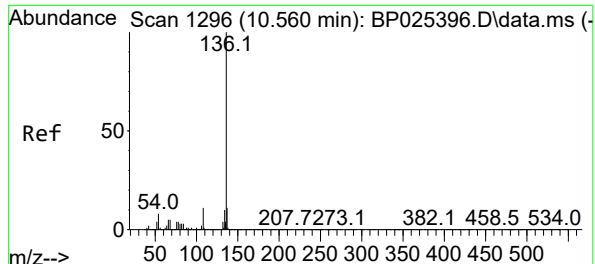
107 100

108 88.8 66.3 106.3

77 31.3 12.3 52.3

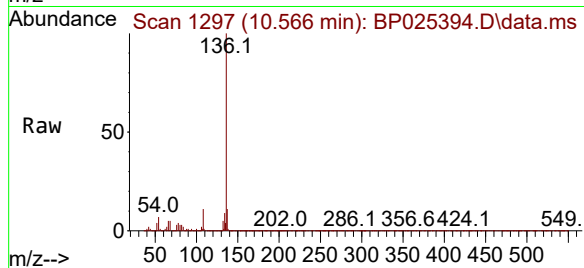
79 25.3 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

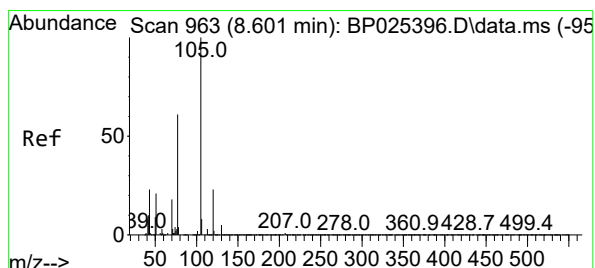
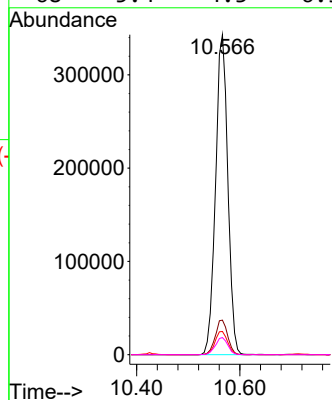
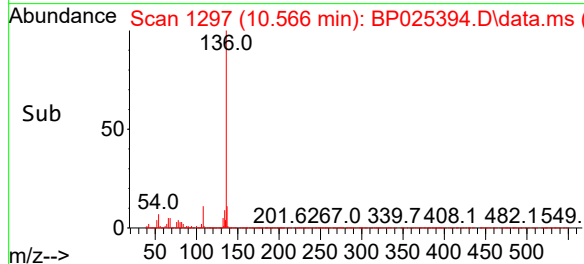
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 563995
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.3 6.0 9.0
68 5.4 4.3 6.5

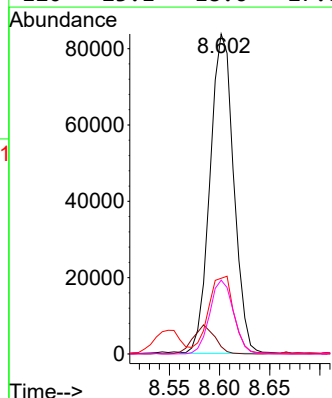
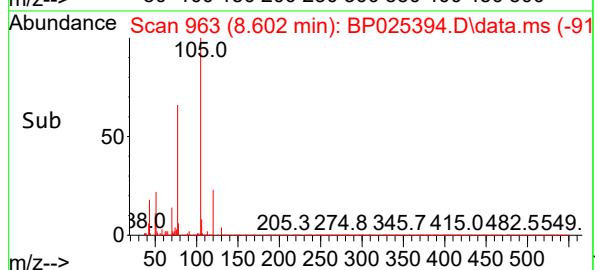
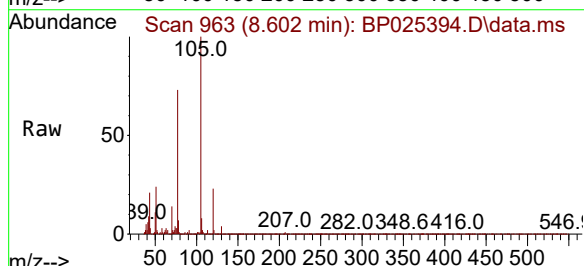
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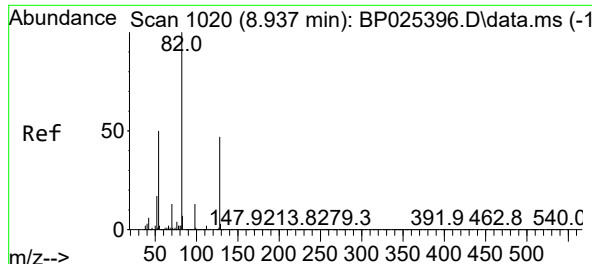
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

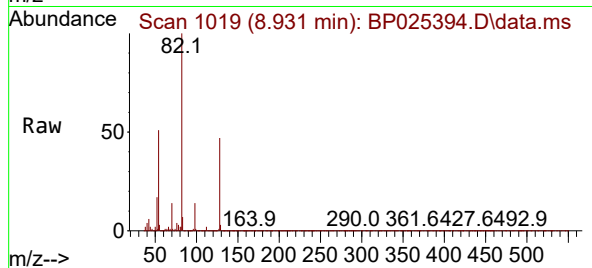
Tgt Ion:105 Resp: 137361
Ion Ratio Lower Upper
105 100
71 2.3 2.6 4.0#
51 23.7 20.6 30.8
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

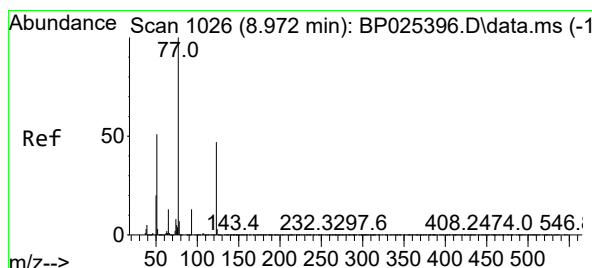
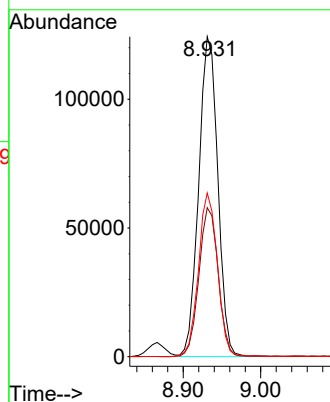
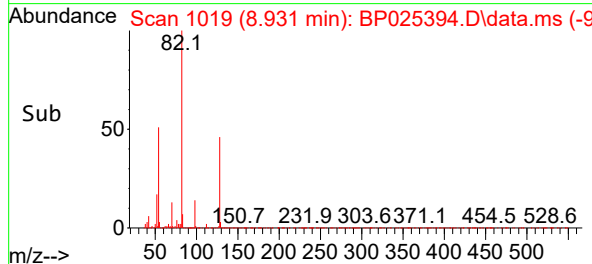
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 212230
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 51.2 39.8 59.6

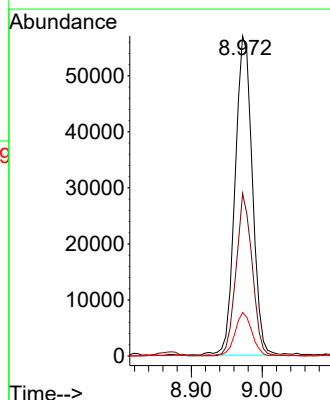
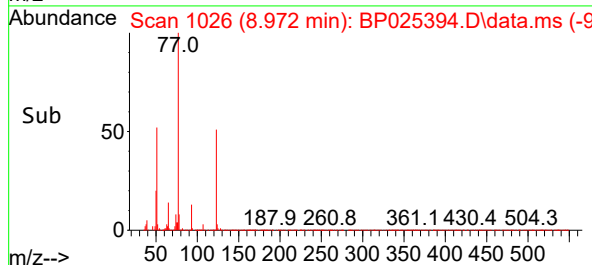
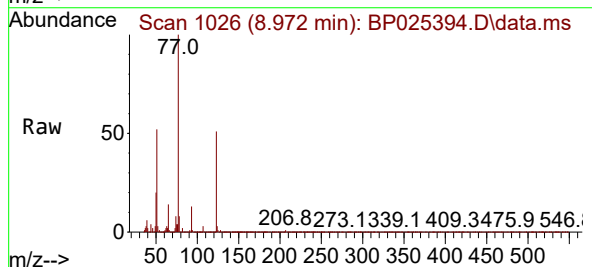
Manual Integrations
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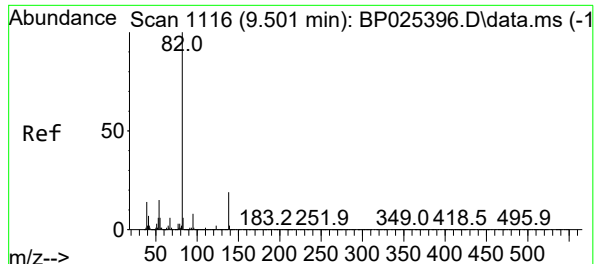
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

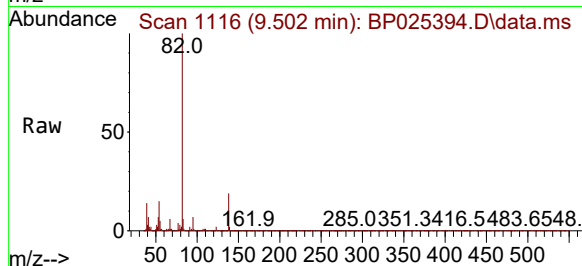
Tgt Ion: 77 Resp: 96502
Ion Ratio Lower Upper
77 100
123 50.8 38.6 58.0
65 13.6 10.6 15.8





#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

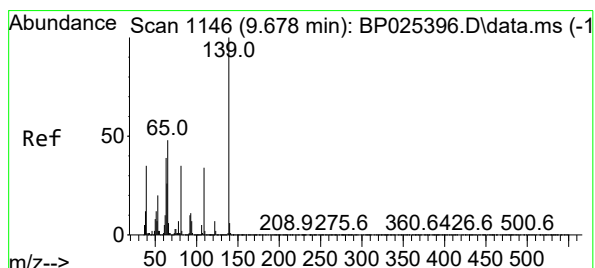
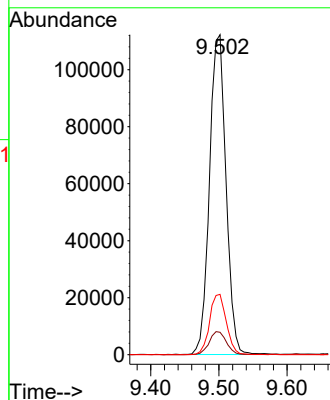
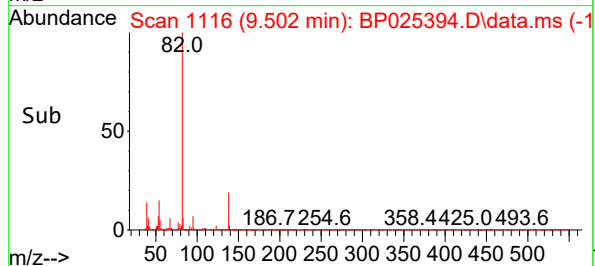
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 189510
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 18.8 15.4 23.0

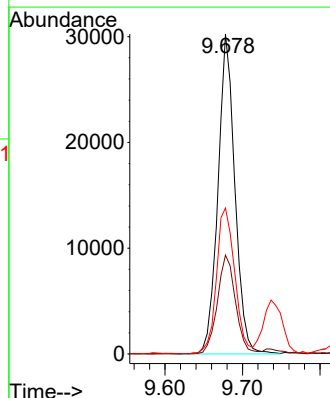
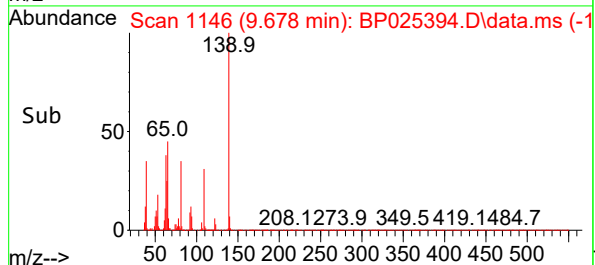
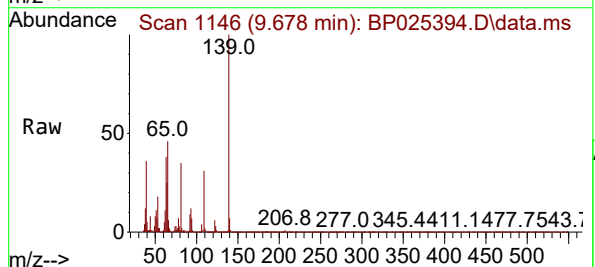
Manual Integrations
APPROVED

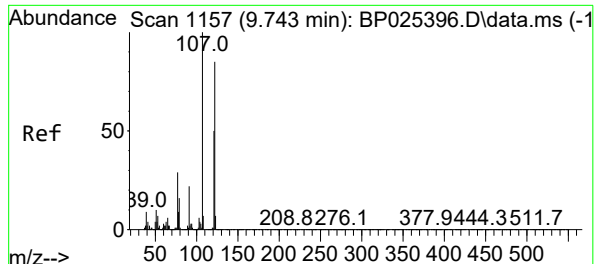
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860
Ion Ratio Lower Upper
139 100
109 30.9 26.9 40.3
65 45.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 9.718 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

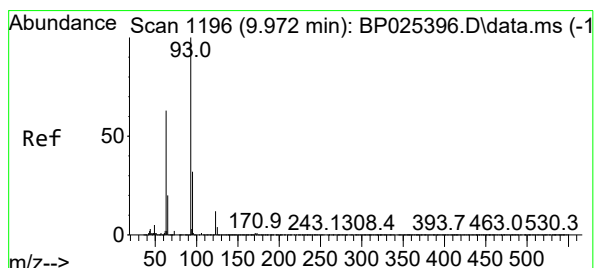
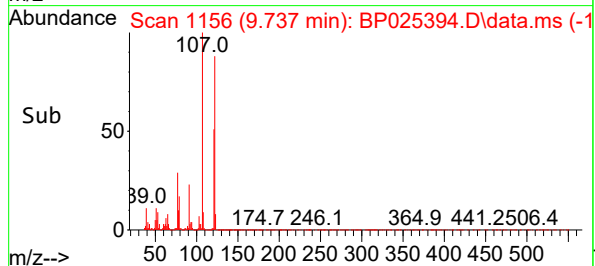
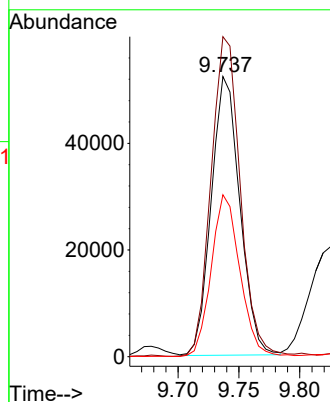
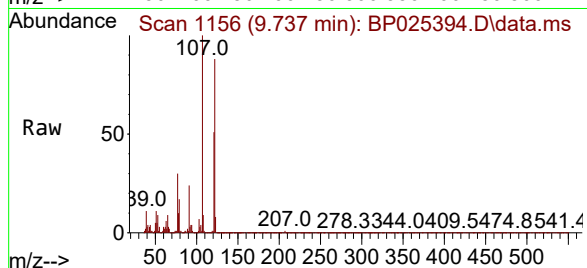
Tgt Ion:	122	Resp:	8546
Ion	Ratio	Lower	Upper
122	100		
107	114.2	93.7	140.5
121	57.8	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.611 ng

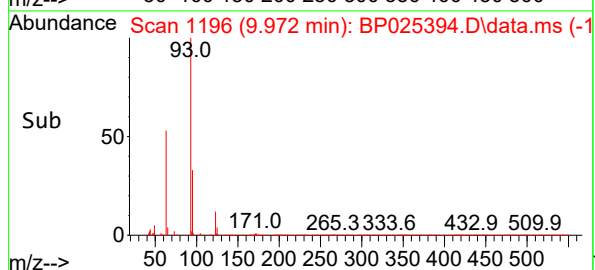
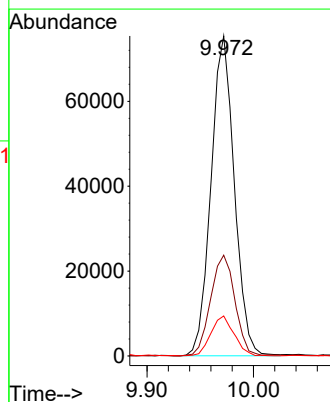
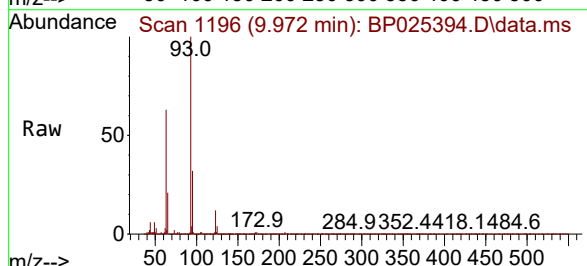
RT: 9.972 min Scan# 1196

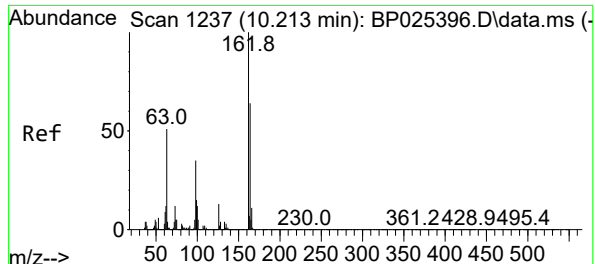
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:	93	Resp:	114635
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	12.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 9.464 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 82670

Ion Ratio Lower Upper

162 100

164 61.6 44.4 84.4

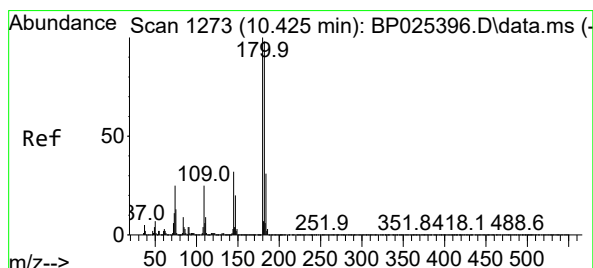
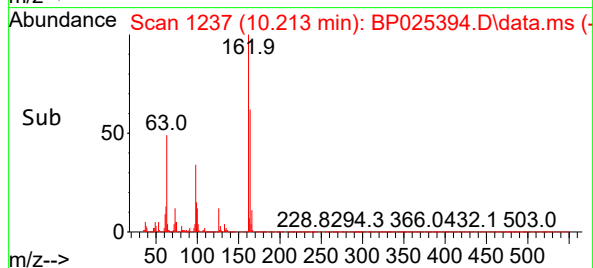
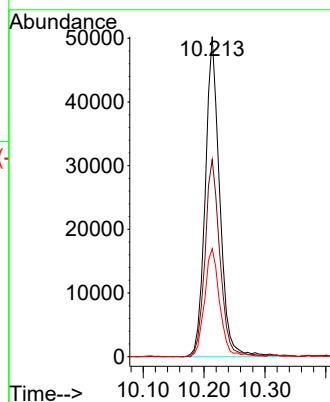
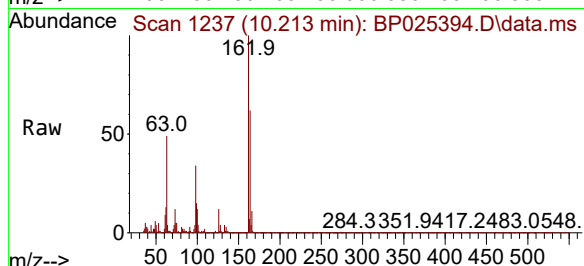
98 33.8 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.676 ng

RT: 10.431 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

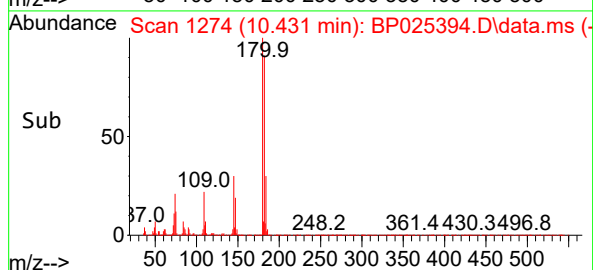
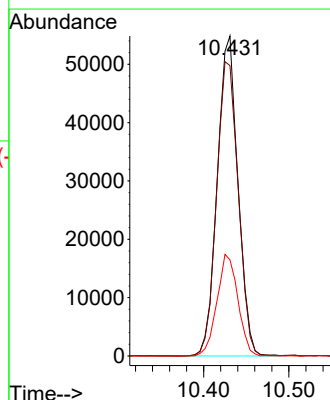
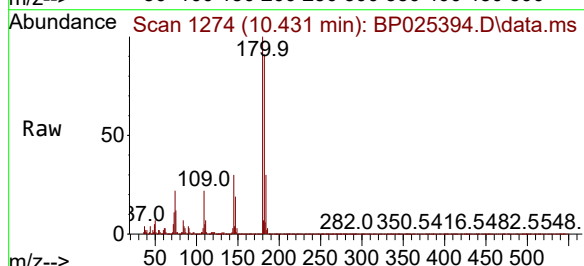
Tgt Ion:180 Resp: 92664

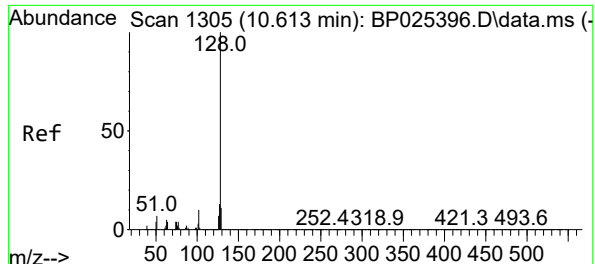
Ion Ratio Lower Upper

180 100

182 90.7 78.0 117.0

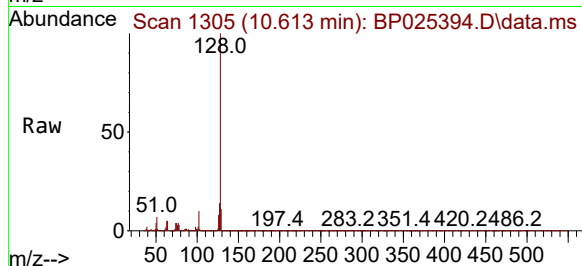
145 30.1 25.9 38.9





#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

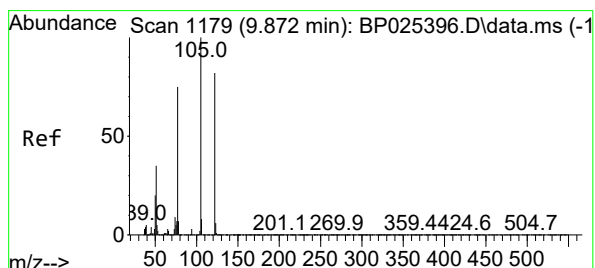
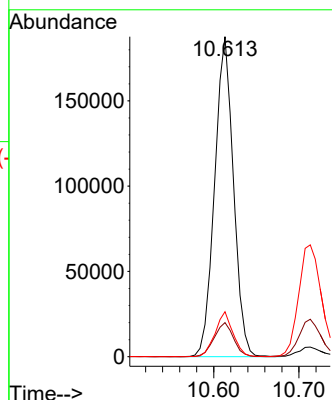
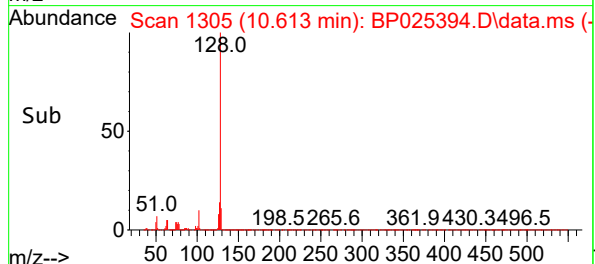
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 287754
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 14.0 10.7 16.1

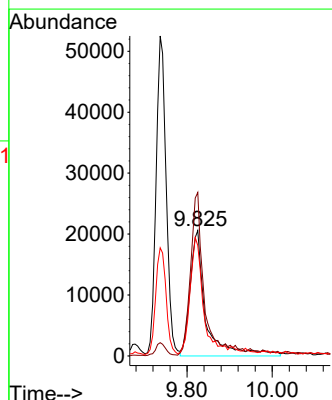
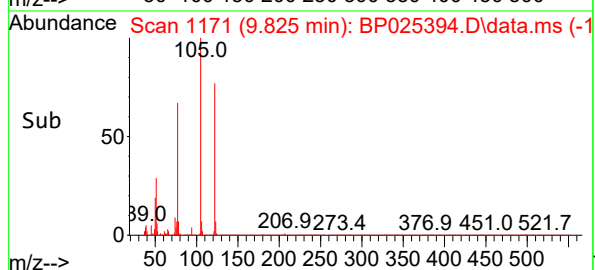
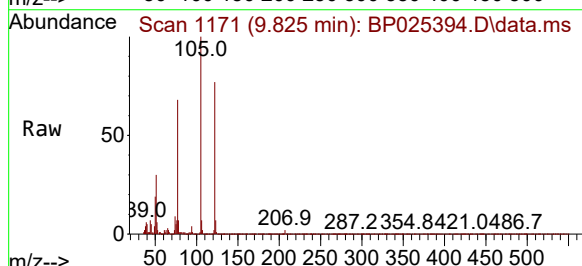
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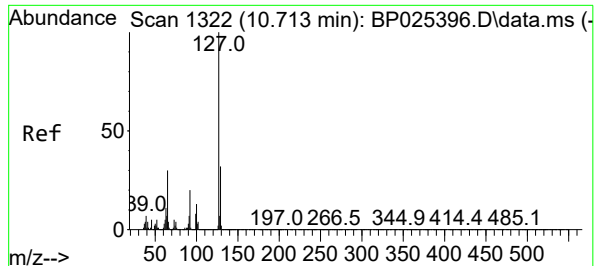
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

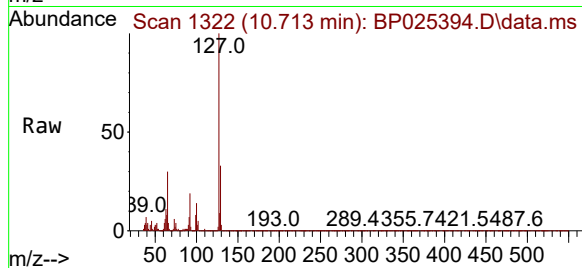
Tgt Ion:122 Resp: 53034
Ion Ratio Lower Upper
122 100
105 130.4 100.6 140.6
77 88.0 71.5 111.5





#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

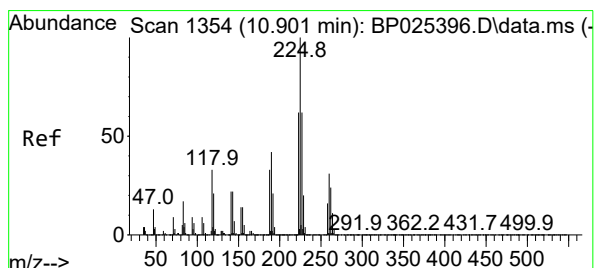
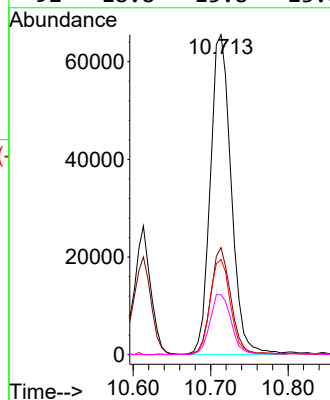
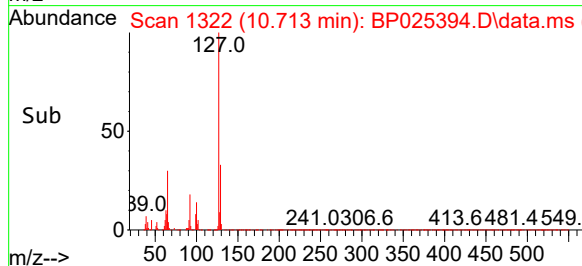
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



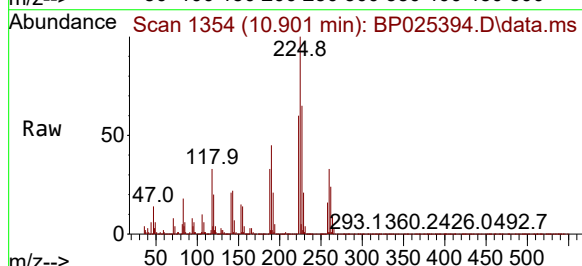
Tgt Ion:127 Resp: 12264
Ion Ratio Lower Upper
127 100
129 33.5 25.4 38.2
65 29.7 23.8 35.6
92 18.8 15.8 23.8

Manual Integrations
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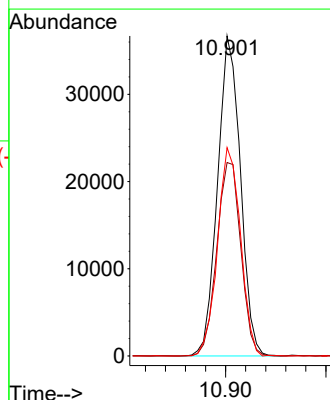
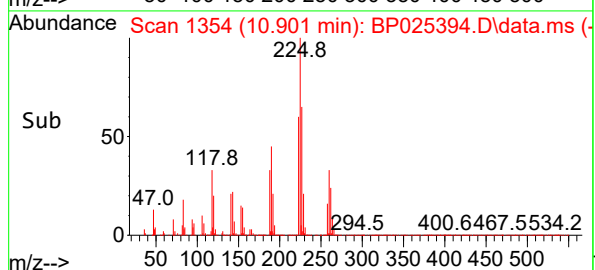
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

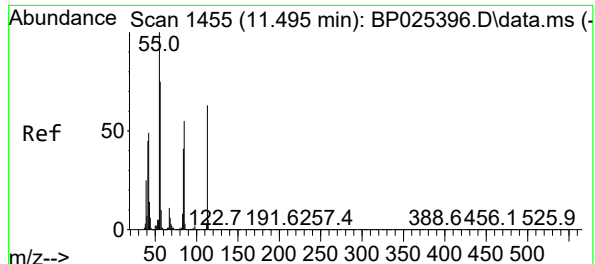


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



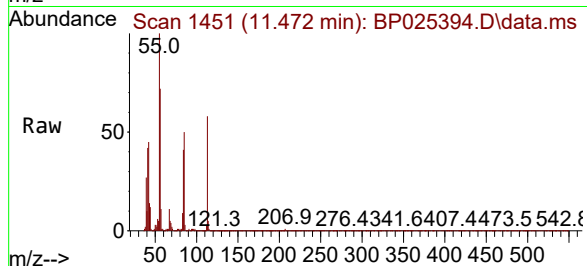
Tgt Ion:225 Resp: 57821
Ion Ratio Lower Upper
225 100
223 60.5 50.0 75.0
227 65.1 49.7 74.5





#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 1455
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

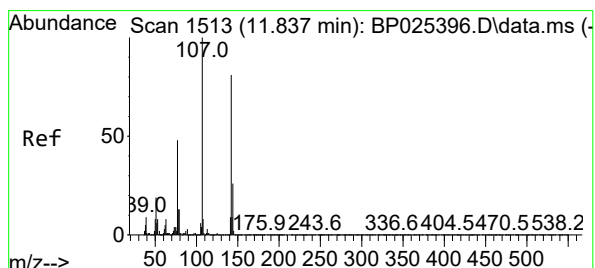
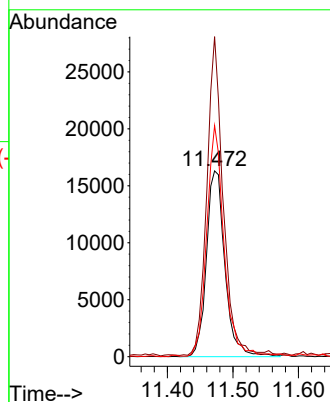
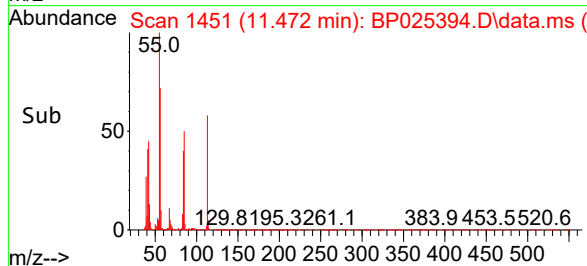
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 32038
Ion Ratio Lower Upper
113 100
55 172.3 140.0 180.0
56 124.4 100.0 140.0

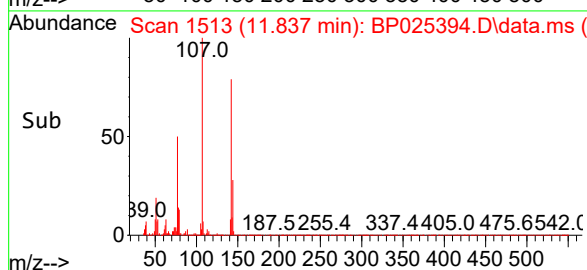
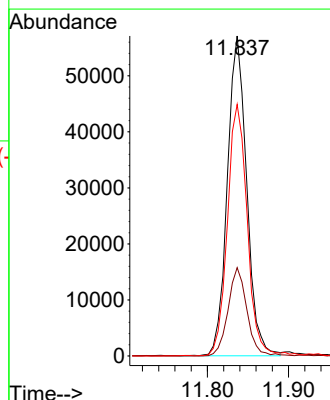
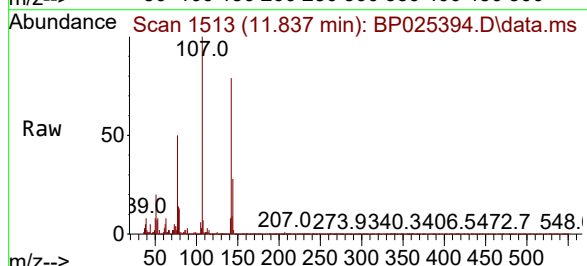
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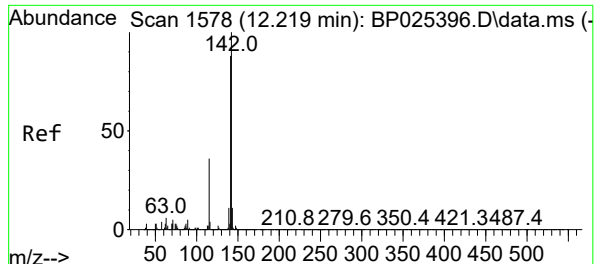
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

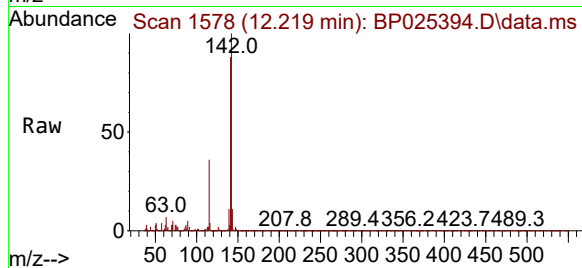
Tgt Ion:107 Resp: 94538
Ion Ratio Lower Upper
107 100
144 27.6 21.0 31.4
142 78.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

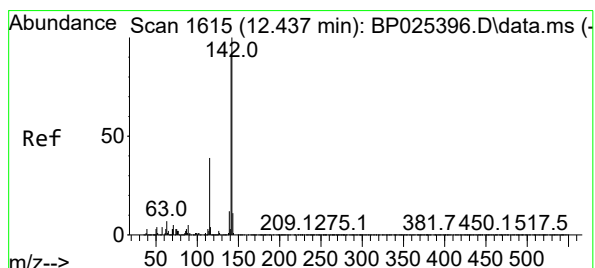
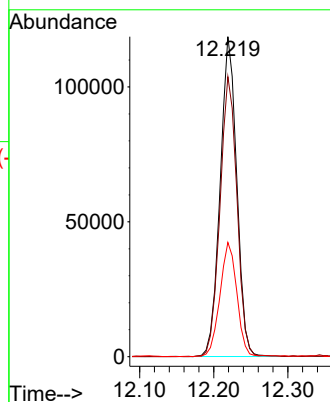
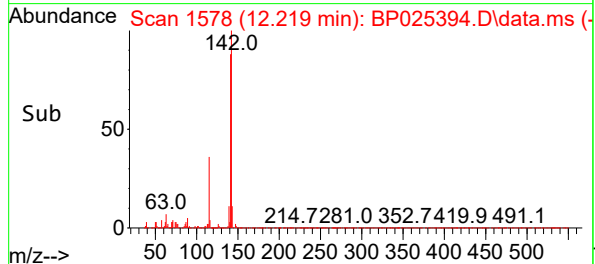
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 184172
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 35.7 28.9 43.3

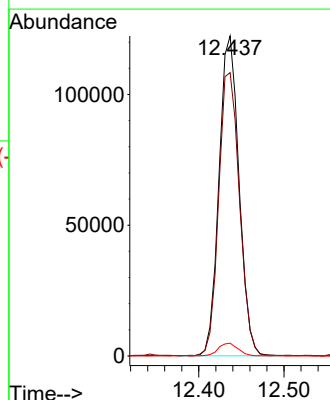
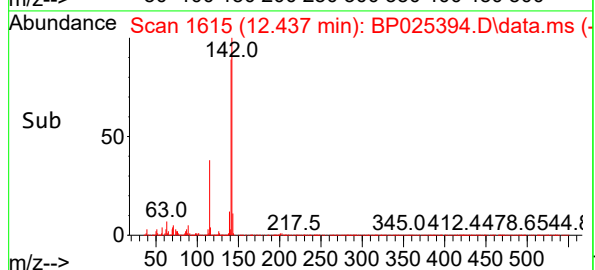
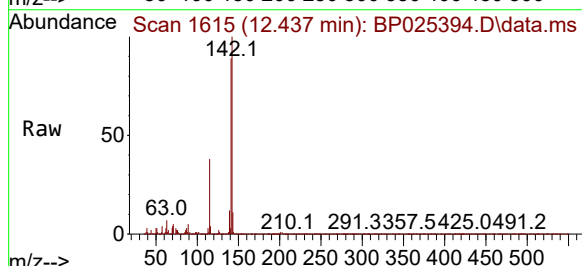
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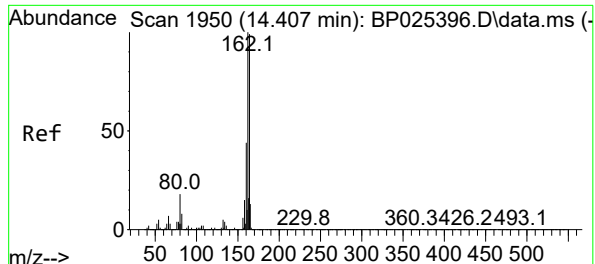
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 199160
Ion Ratio Lower Upper
142 100
141 88.6 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 383199

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

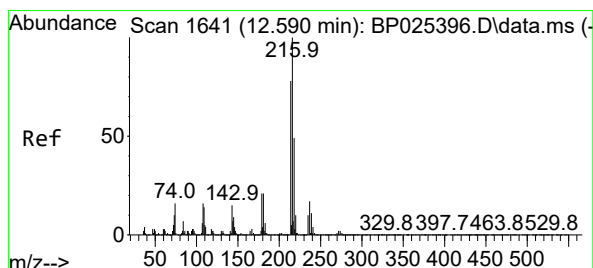
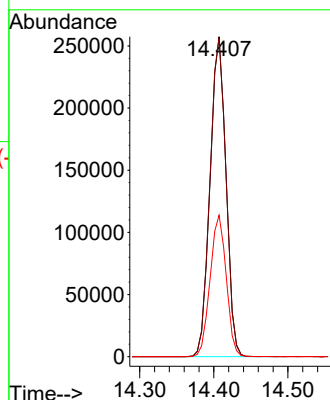
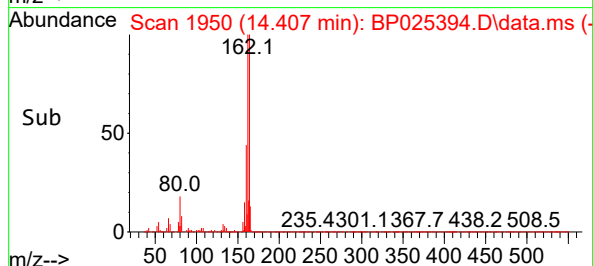
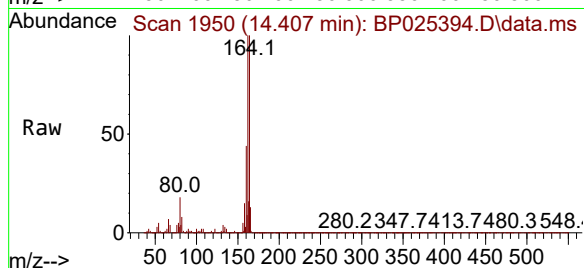
160 44.2 35.4 53.2

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.678 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

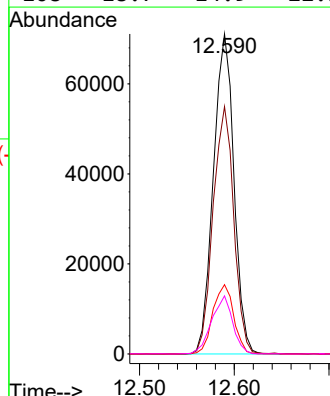
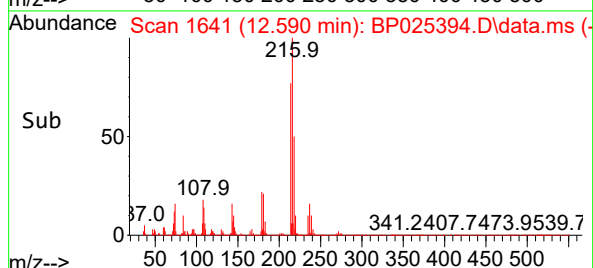
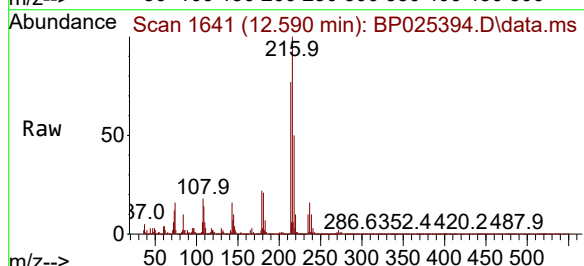
Ion Ratio Lower Upper

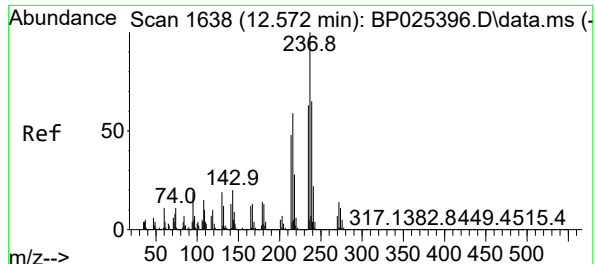
216 100

214 77.8 63.0 94.4

179 22.0 17.1 25.7

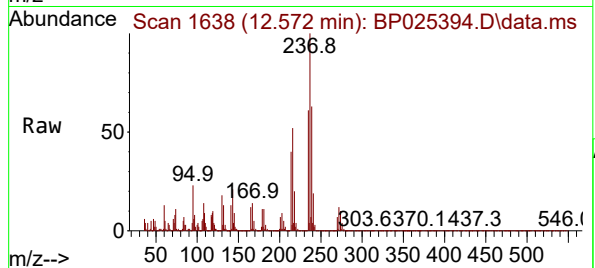
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

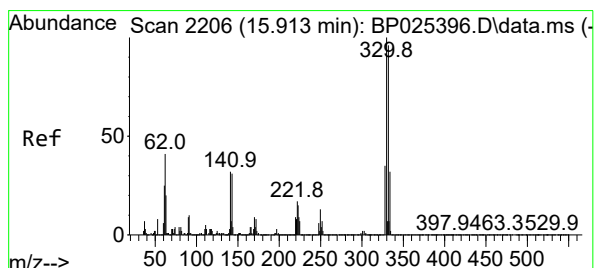
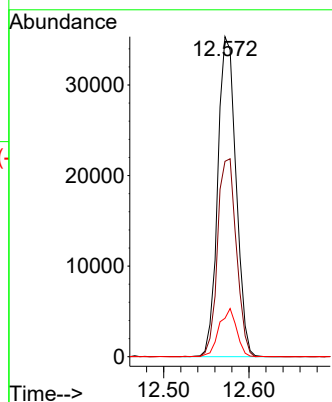
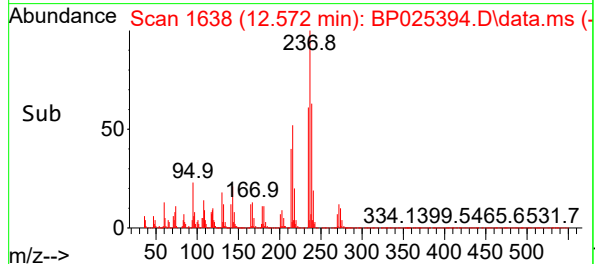
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 52588
Ion Ratio Lower Upper
237 100
235 61.1 42.7 82.7
272 12.0 0.0 34.0

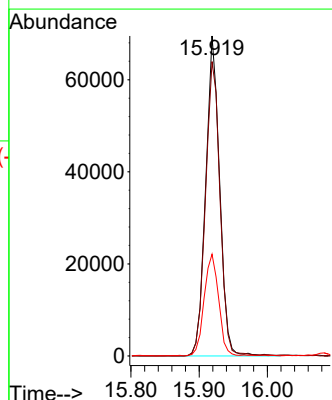
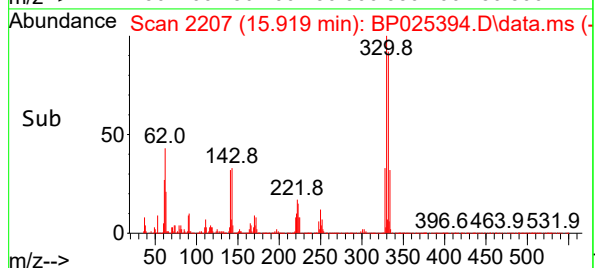
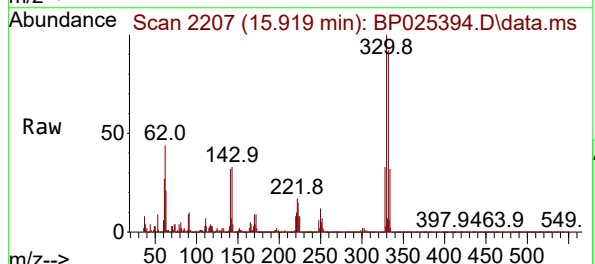
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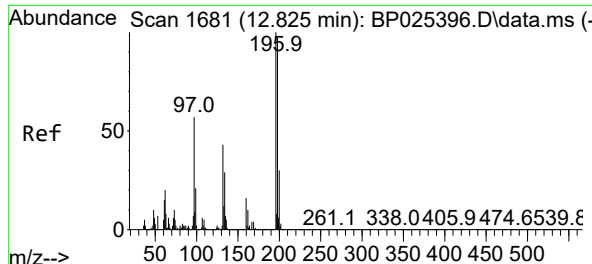
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 330 Resp: 99083
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 9.339 ng

RT: 12.831 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 69780

Ion Ratio Lower Upper

196 100

198 99.9 77.2 115.8

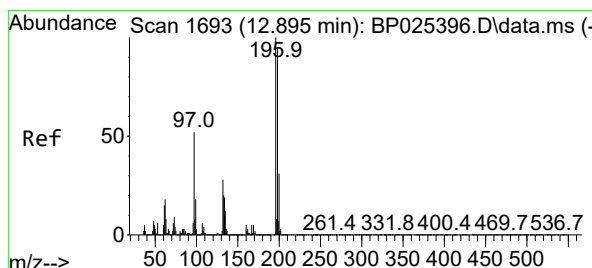
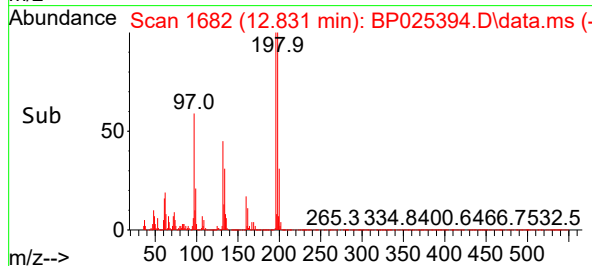
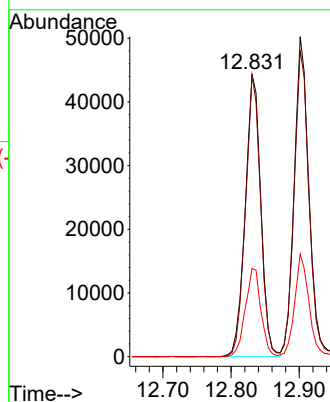
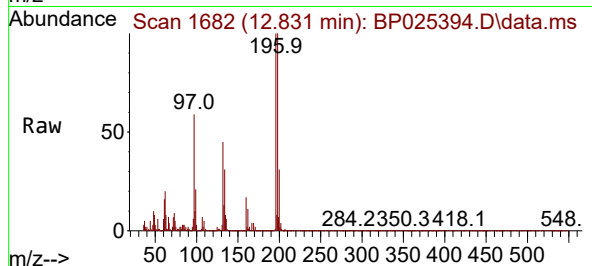
200 31.3 23.9 35.9

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#44

2,4,5-Trichlorophenol

Concen: 9.006 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

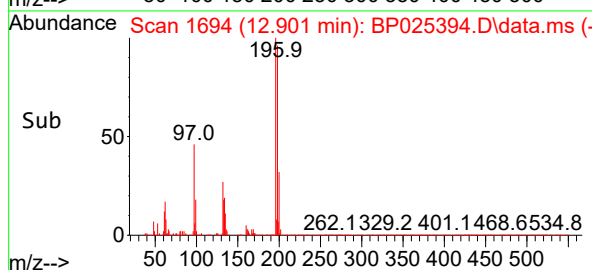
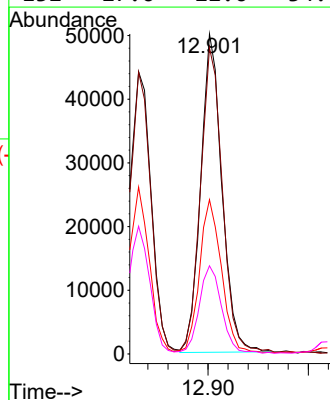
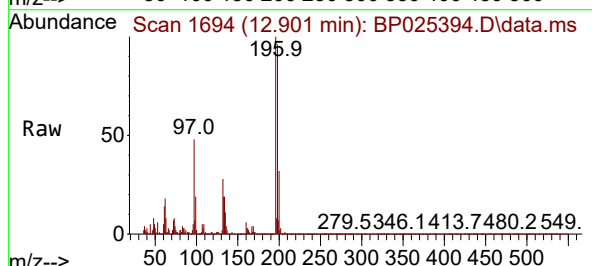
Ion Ratio Lower Upper

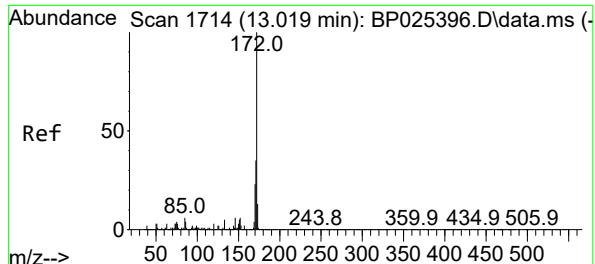
196 100

198 95.7 76.2 114.2

97 48.2 41.2 61.8

132 27.6 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 20.271 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 56835

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

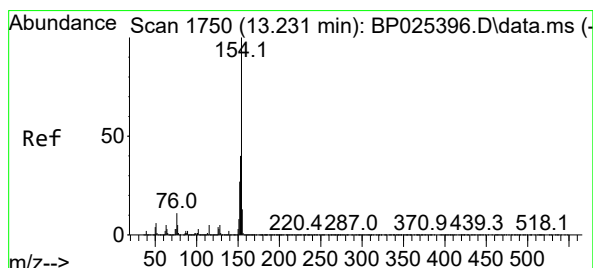
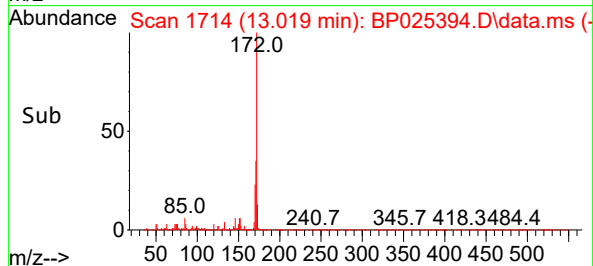
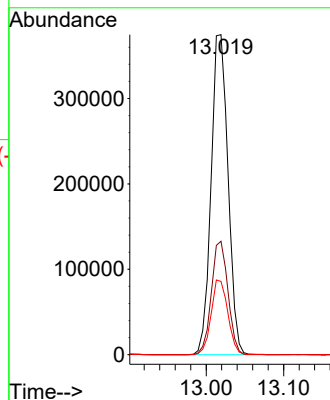
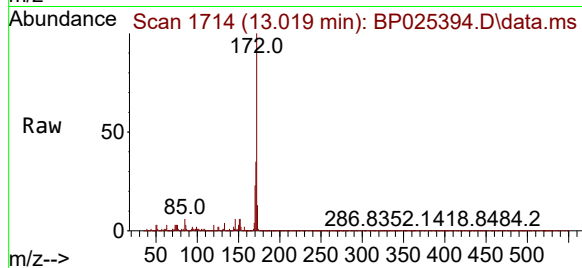
170 22.9 18.6 28.0

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Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 9.763 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

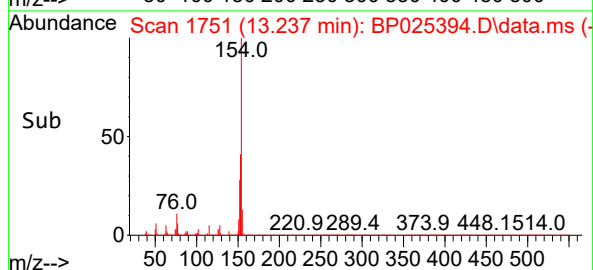
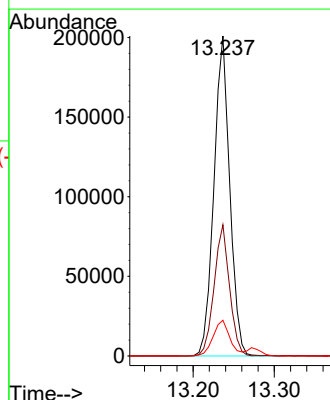
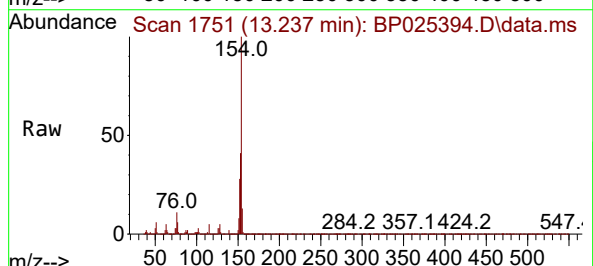
Tgt Ion:154 Resp: 271710

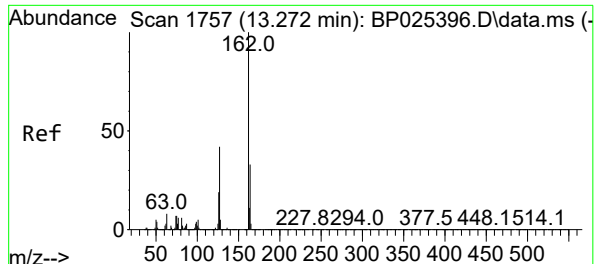
Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 9.666 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 209419

Ion Ratio Lower Upper

162 100

127 40.9 33.4 50.2

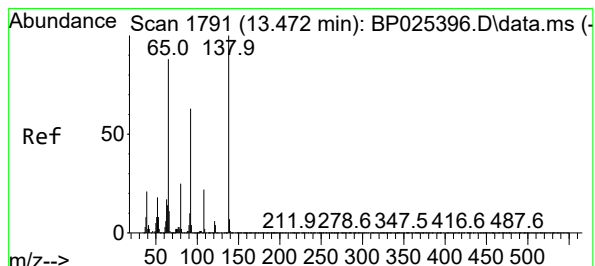
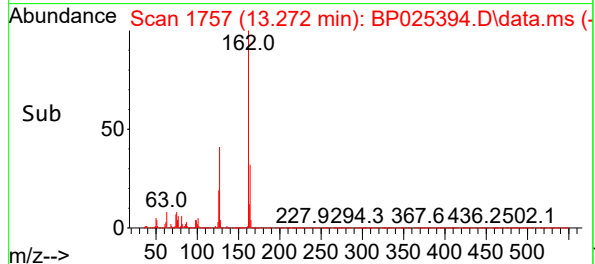
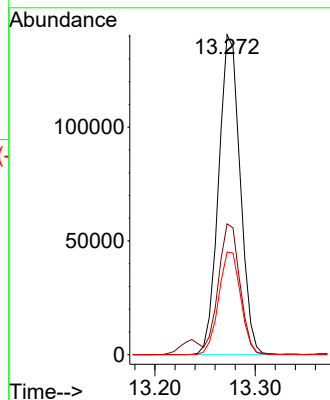
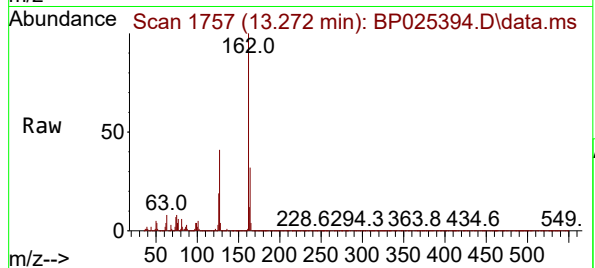
164 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 9.287 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

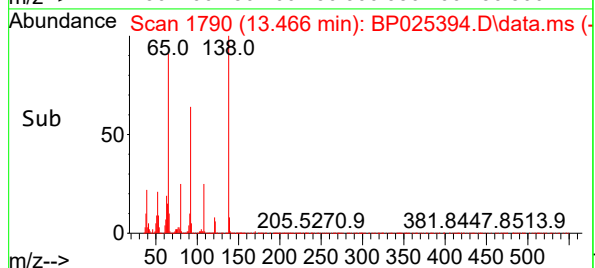
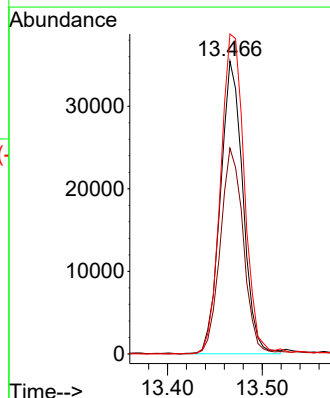
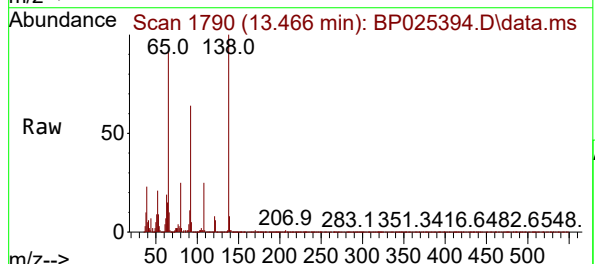
Tgt Ion: 65 Resp: 58630

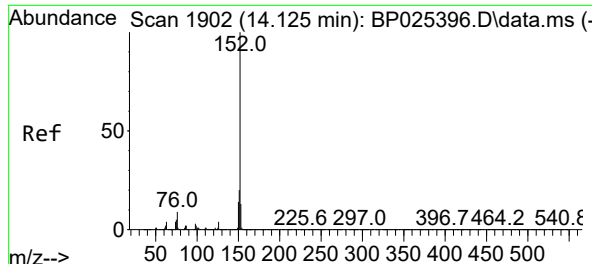
Ion Ratio Lower Upper

65 100

92 70.3 57.6 86.4

138 109.3 91.0 136.6





#49

Acenaphthylene

Concen: 9.652 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

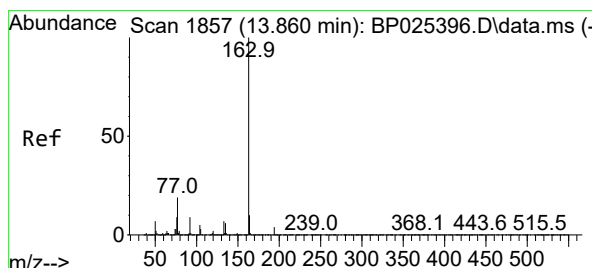
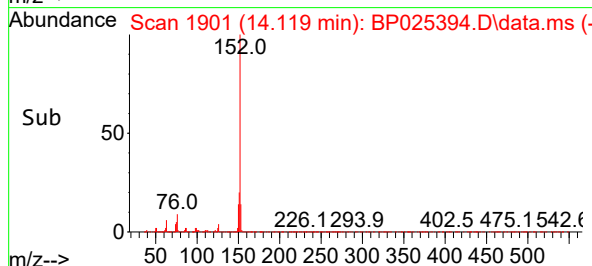
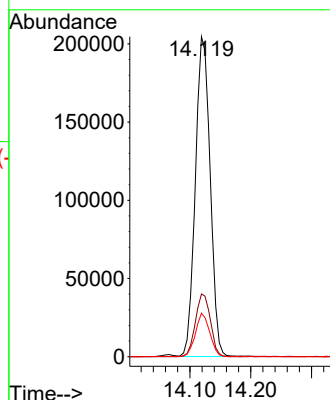
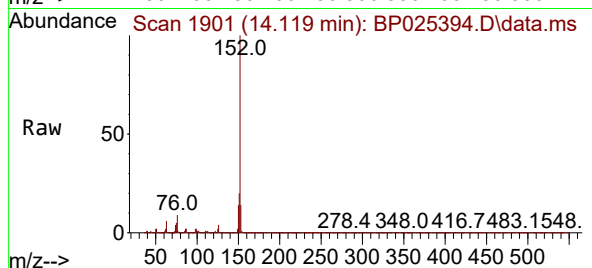
Tgt Ion	152	151	153
Resp	34602	19.6	13.6
Ratio	100	19.6	13.6
Lower		16.0	10.6
Upper		24.0	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 9.896 ng

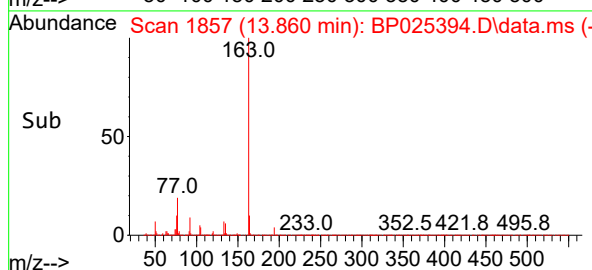
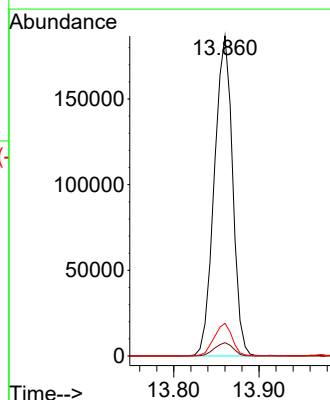
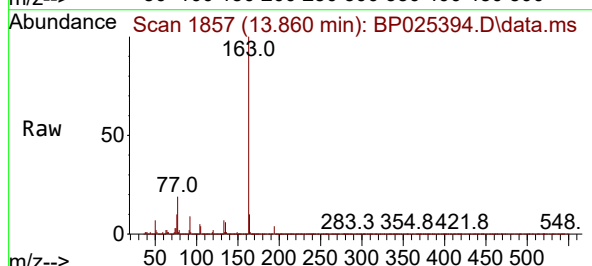
RT: 13.860 min Scan# 1857

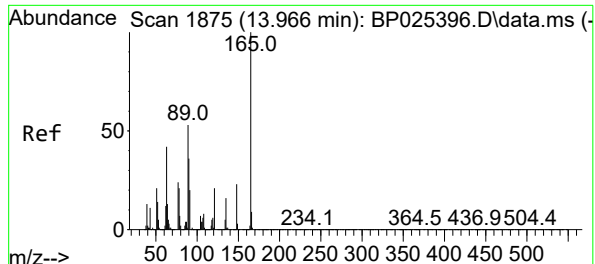
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

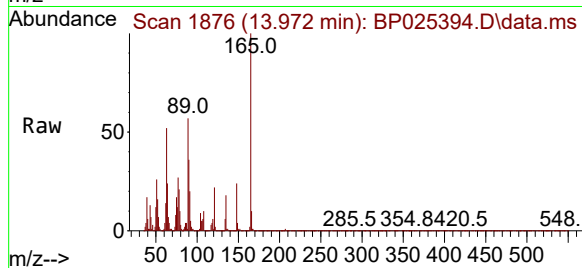
Tgt Ion	163	194	164
Resp	277701	4.2	10.2
Ratio	100	4.2	10.2
Lower		3.4	7.9
Upper		5.0	11.9





#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

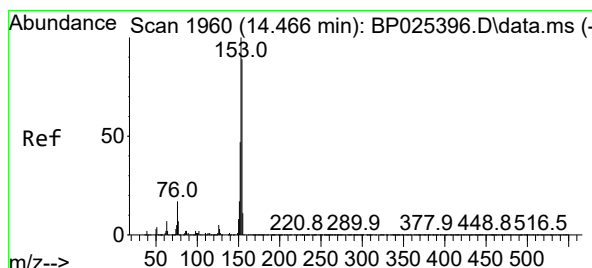
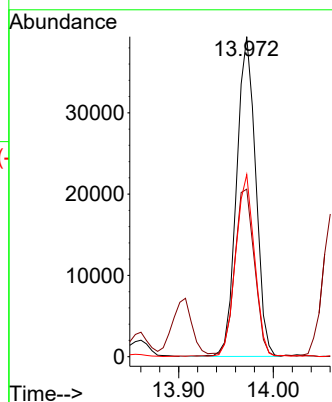
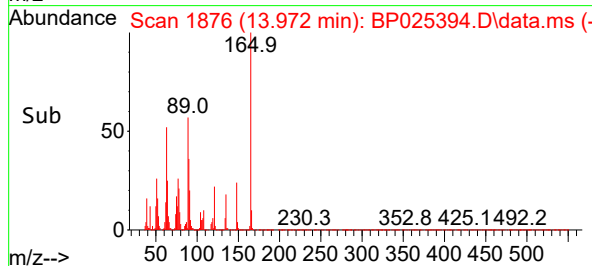
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 5495
Ion Ratio Lower Upper
165 100
63 52.3 40.9 61.3
89 56.9 42.1 63.1

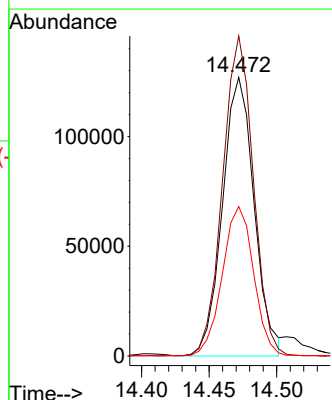
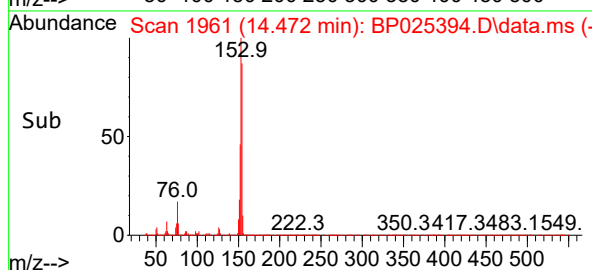
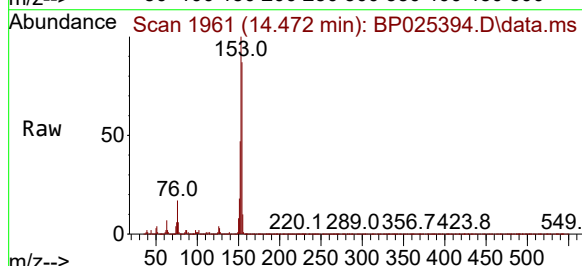
Manual Integrations
APPROVED

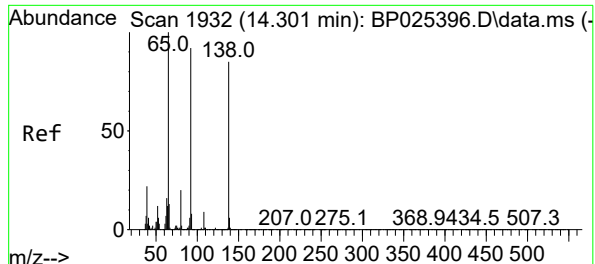
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

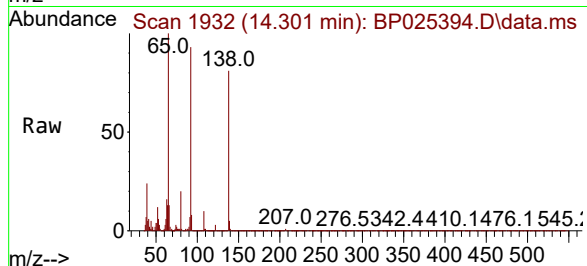
Tgt Ion:154 Resp: 207239
Ion Ratio Lower Upper
154 100
153 114.8 90.2 135.2
152 53.6 42.1 63.1





#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

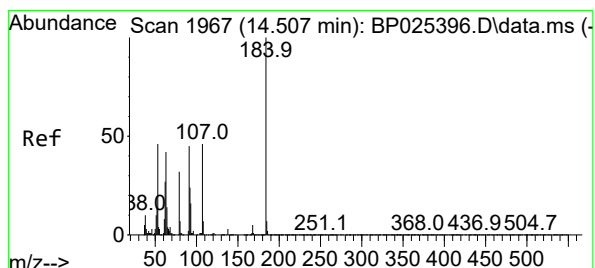
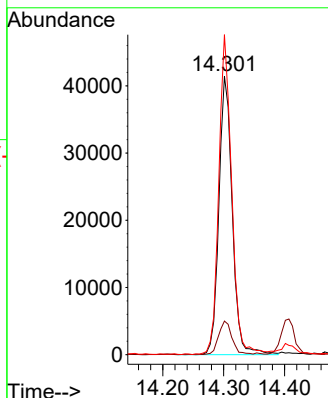
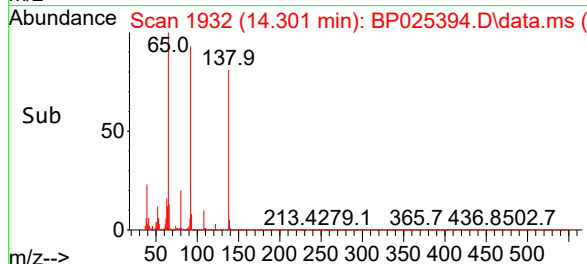
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 6299
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 114.9 86.2 129.2

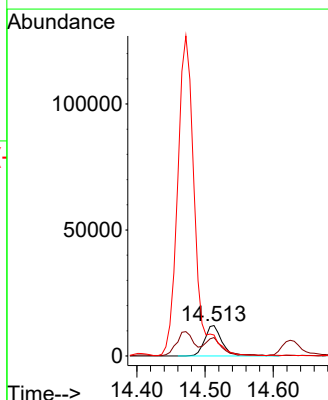
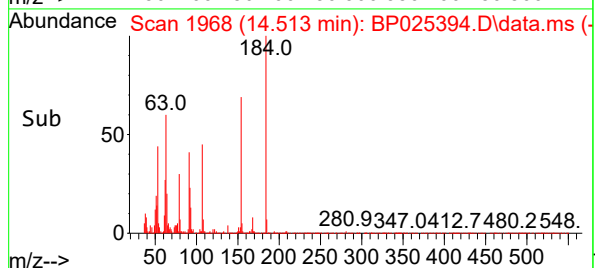
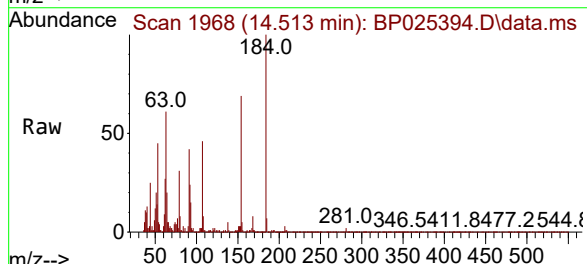
Manual Integrations
APPROVED

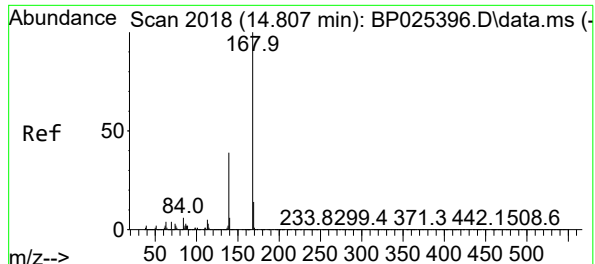
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

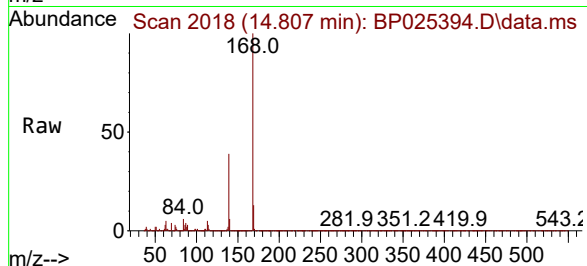
Tgt Ion:184 Resp: 21748
Ion Ratio Lower Upper
184 100
63 60.8 49.4 74.2
154 69.1 54.6 82.0





#55
Dibenzenofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

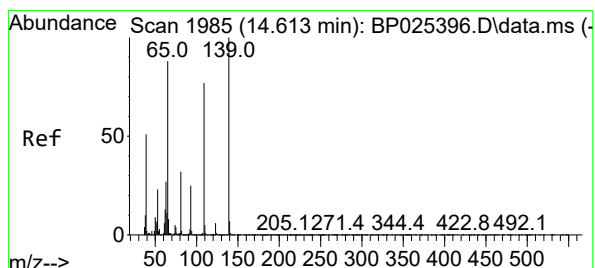
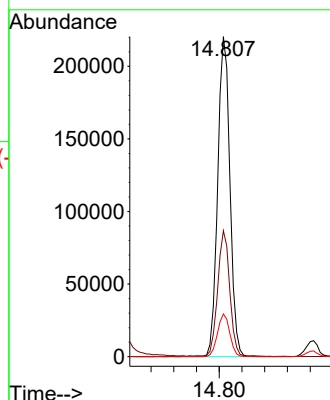
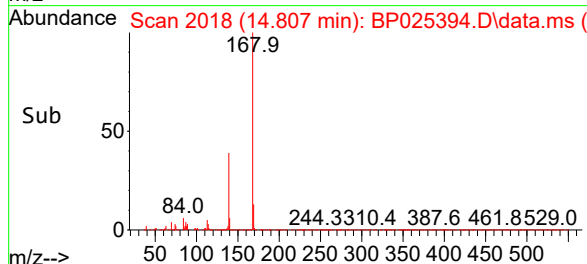
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



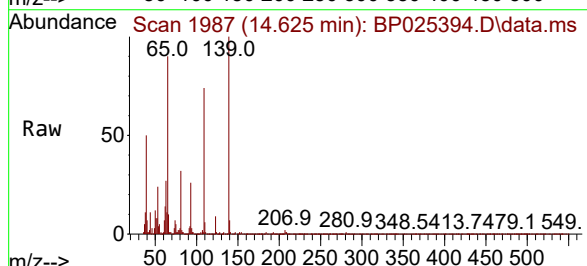
Tgt Ion:168 Resp: 327734
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.4 10.9 16.3

Manual Integrations
APPROVED

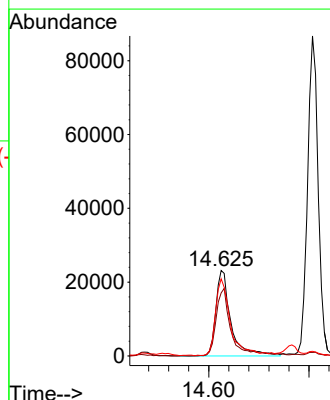
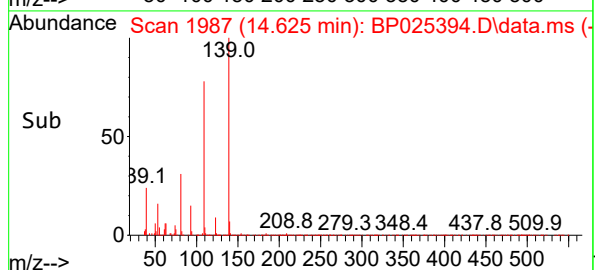
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

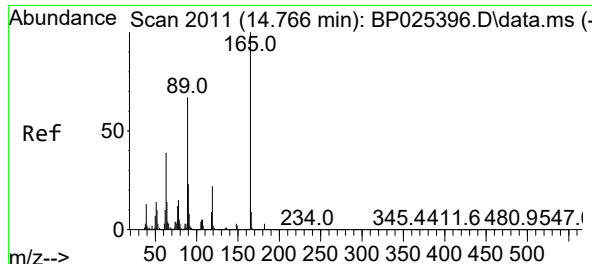


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:139 Resp: 48103
Ion Ratio Lower Upper
139 100
109 73.8 56.6 96.6
65 90.2 68.2 108.2





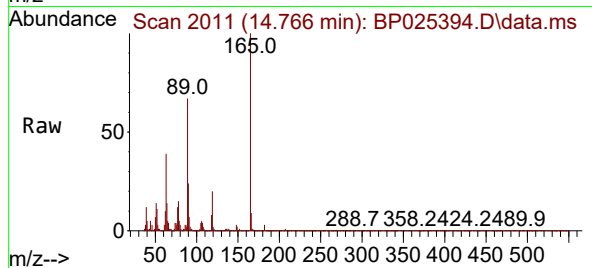
#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

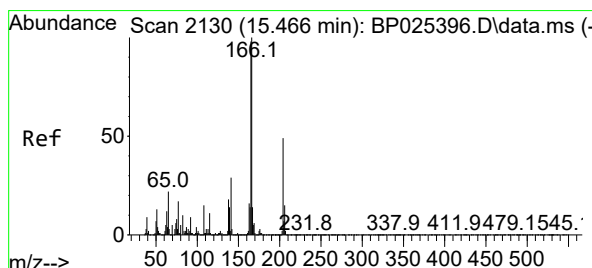
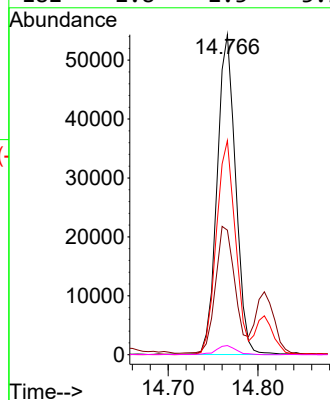
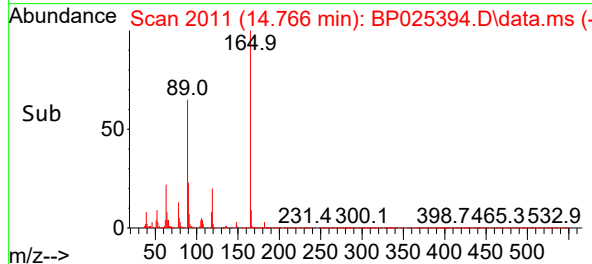


Tgt Ion:165 Resp: 77950
Ion Ratio Lower Upper
165 100
63 38.9 31.4 47.2
89 66.9 53.3 79.9
182 2.8 2.3 3.5

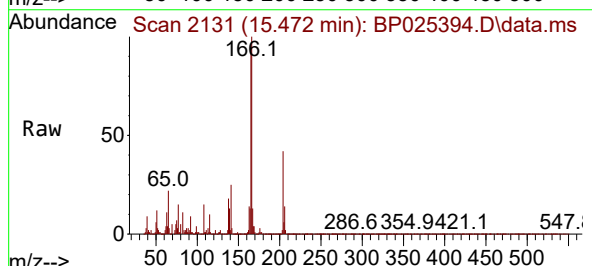
Manual Integrations

APPROVED

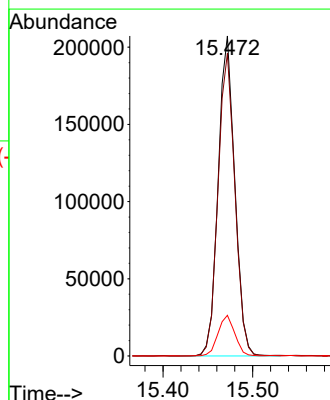
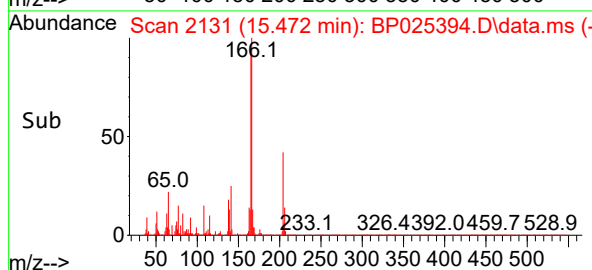
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

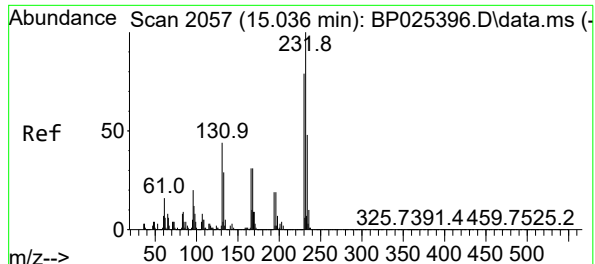


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:166 Resp: 266610
Ion Ratio Lower Upper
166 100
165 94.6 78.8 118.2
167 12.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.533 ng

RT: 15.042 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 6893

Ion Ratio Lower Upper

232 100

131 45.2 37.0 55.6

130 2.5 1.9 2.9

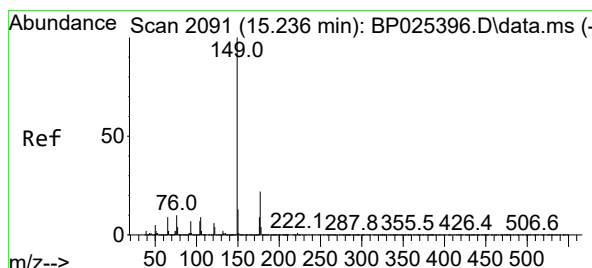
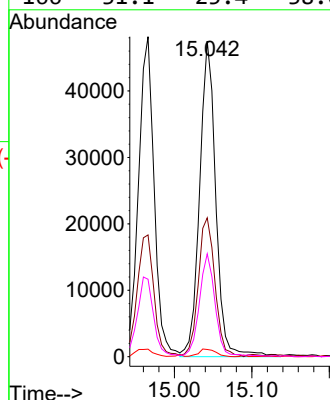
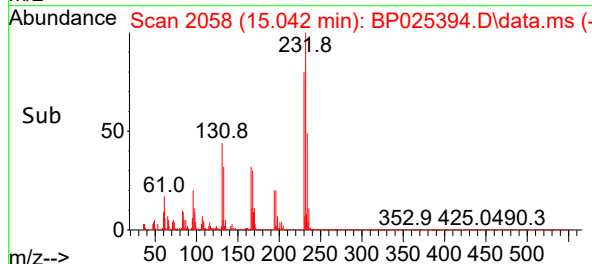
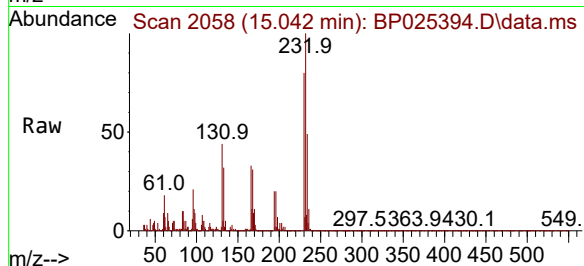
166 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 9.909 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

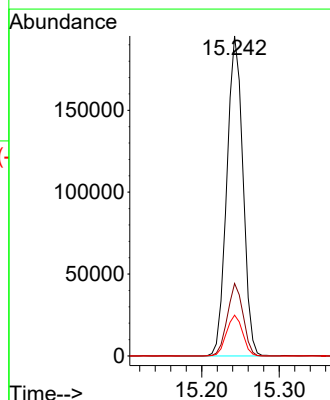
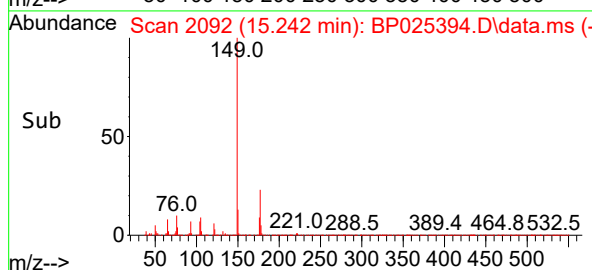
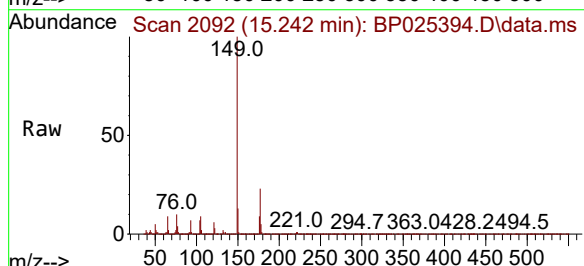
Tgt Ion:149 Resp: 282526

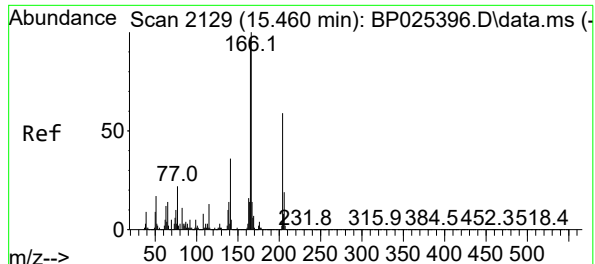
Ion Ratio Lower Upper

149 100

177 22.7 17.3 25.9

150 12.8 10.3 15.5





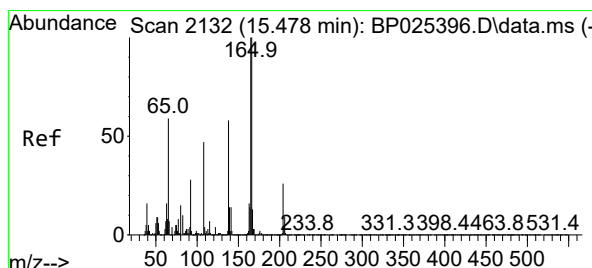
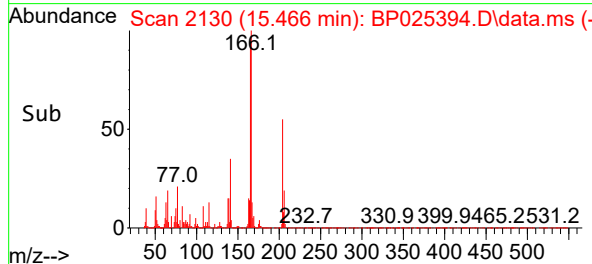
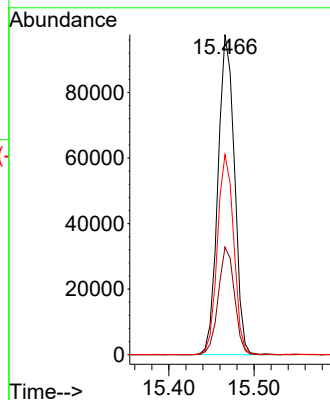
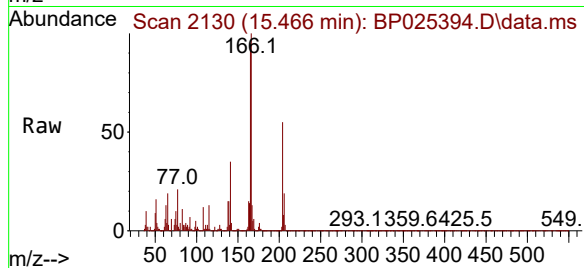
#61
4-Chlorophenyl-phenylether
Concen: 10.044 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 13113
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 62.5 49.4 74.2

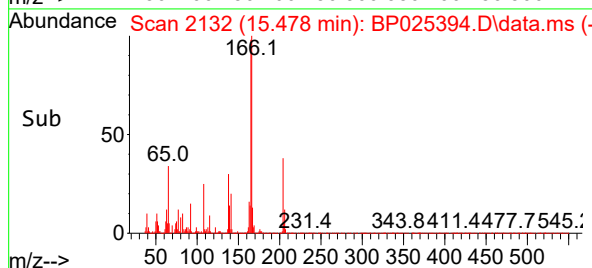
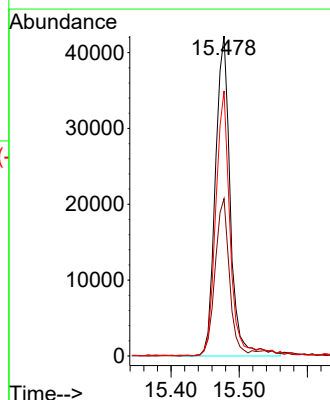
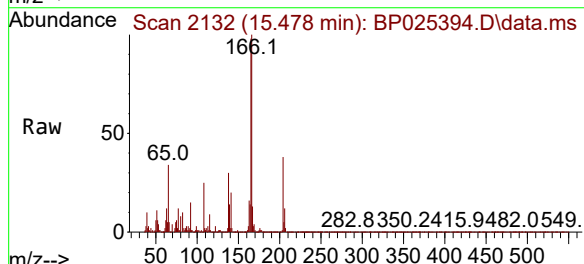
Manual Integrations
APPROVED

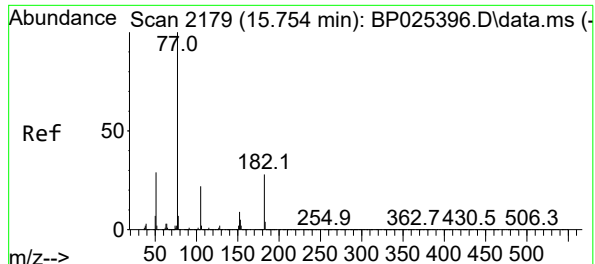
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

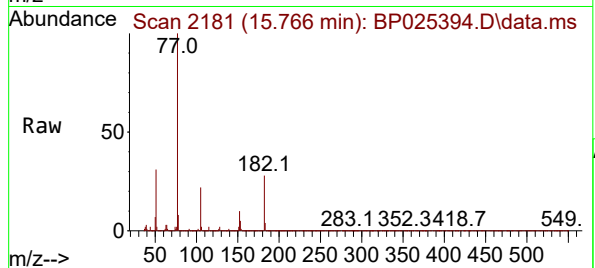
Tgt Ion:138 Resp: 64375
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 82.8 61.5 101.5





#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

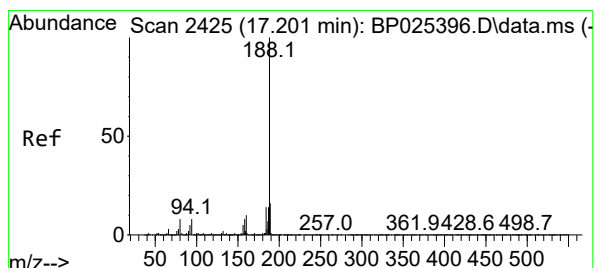
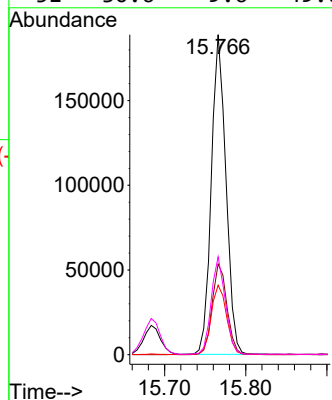
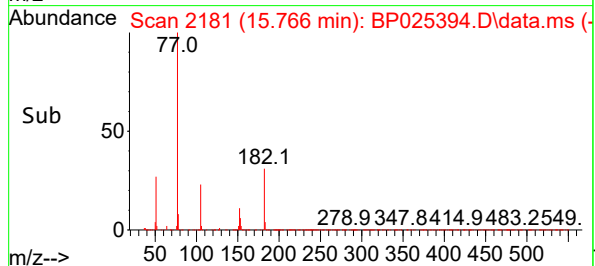
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 234879
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 21.7 2.1 42.1
51 30.6 9.6 49.6

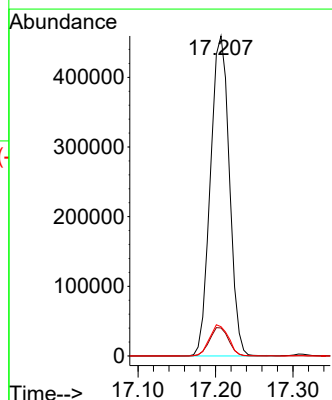
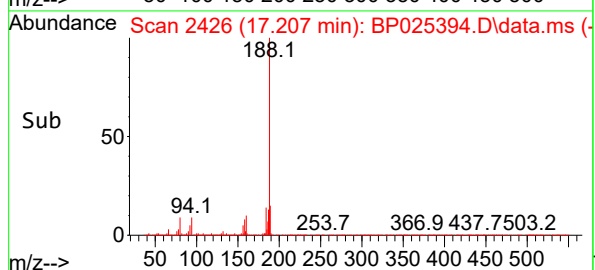
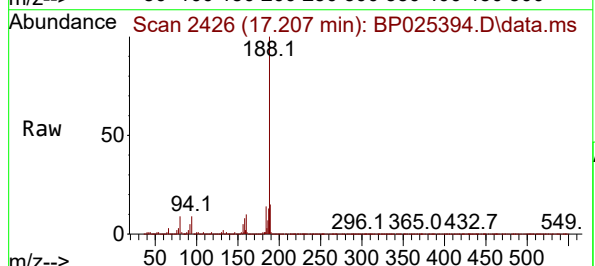
Manual Integrations
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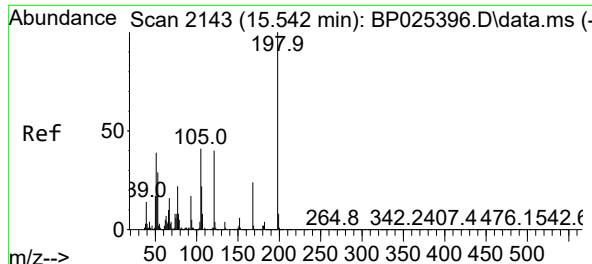
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 6.7 10.1





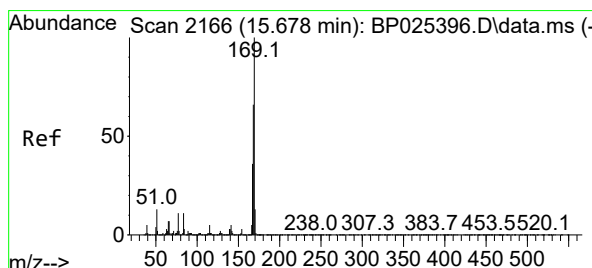
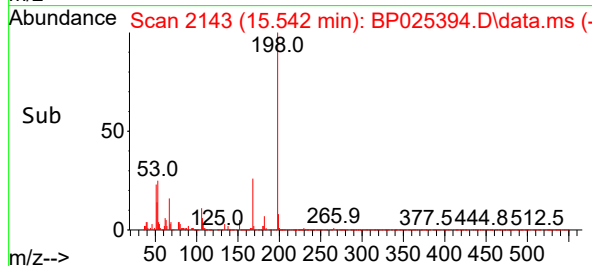
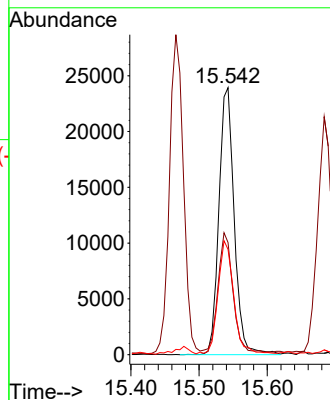
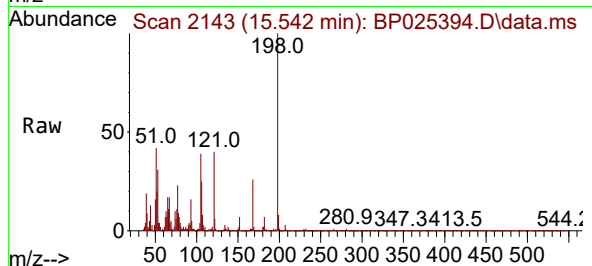
#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 37380
Ion Ratio Lower Upper
198 100
51 42.0 19.6 59.6
105 39.4 20.9 60.9

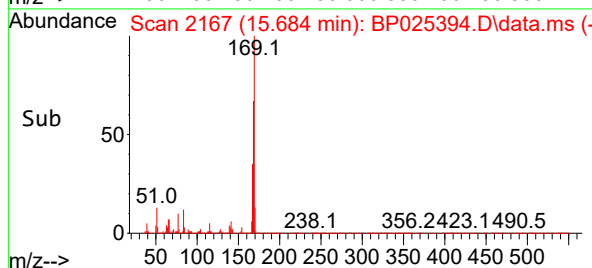
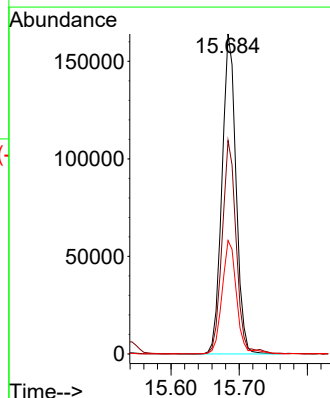
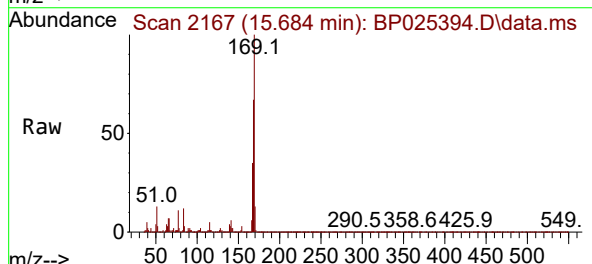
Manual Integrations
APPROVED

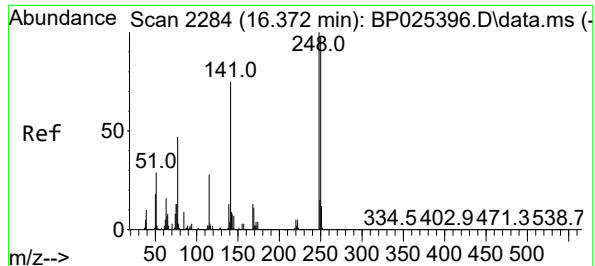
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

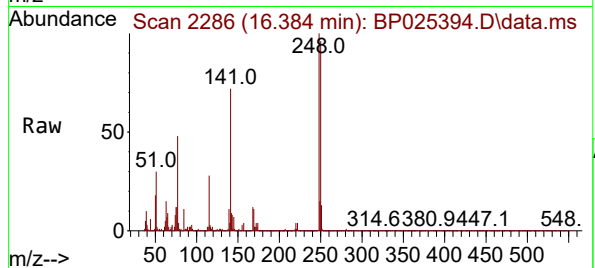
Tgt Ion:169 Resp: 235344
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 210
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

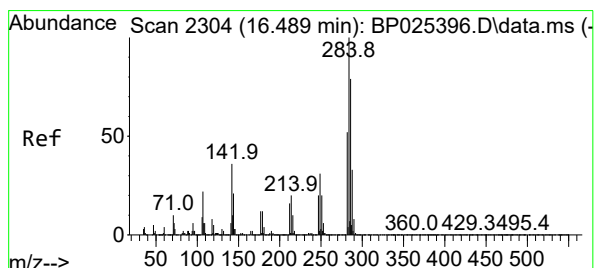
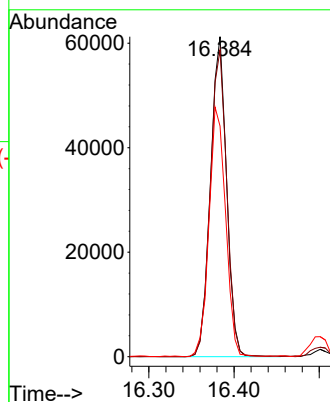
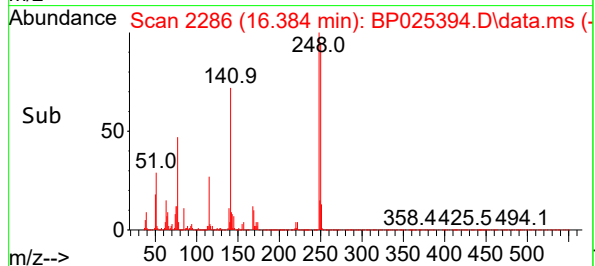
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 8037
Ion Ratio Lower Upper
248 100
250 95.9 78.2 117.2
141 72.1 59.6 89.4

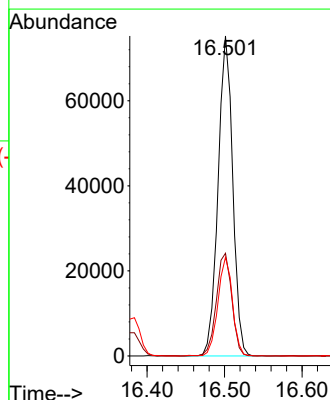
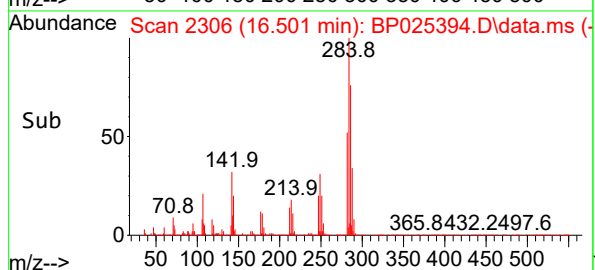
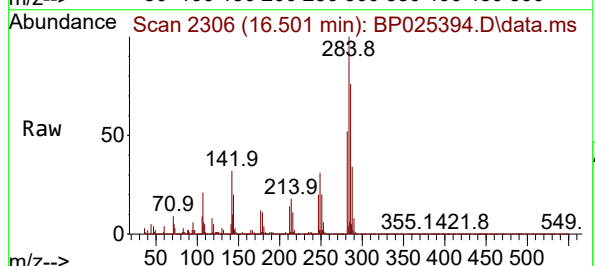
Manual Integrations
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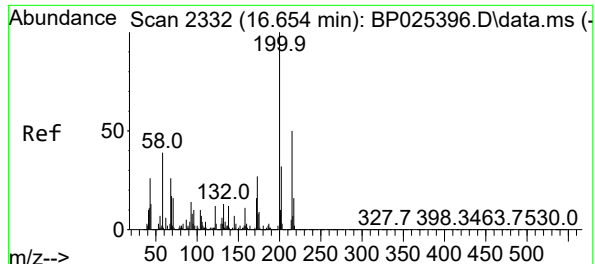
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

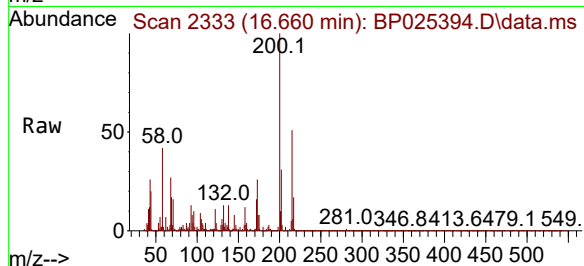
Tgt Ion:284 Resp: 98614
Ion Ratio Lower Upper
284 100
142 32.1 29.1 43.7
249 30.8 25.0 37.4





#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

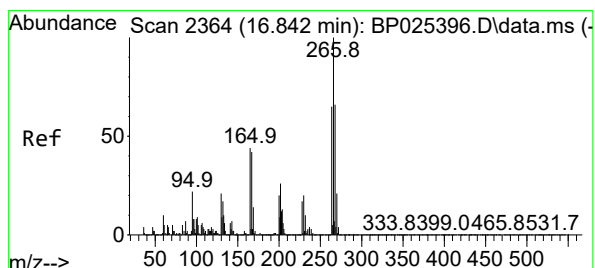
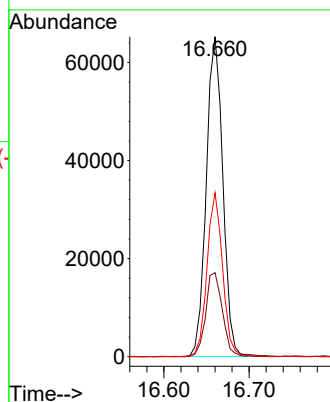
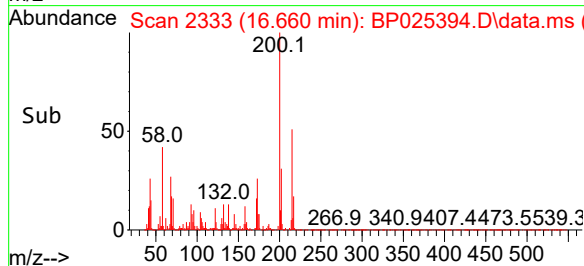
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 88240
Ion Ratio Lower Upper
200 100
173 26.2 6.7 46.7
215 51.3 29.7 69.7

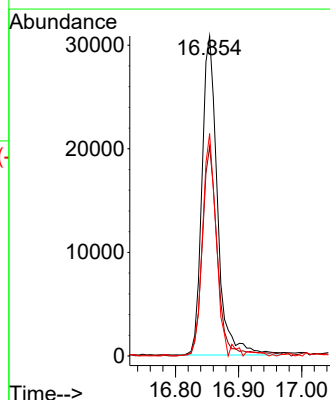
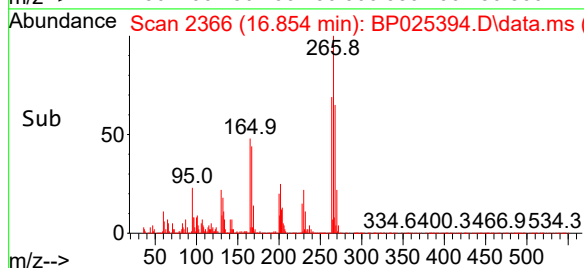
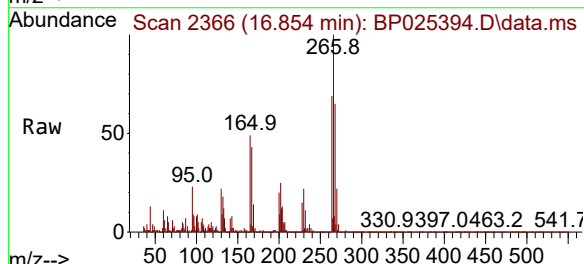
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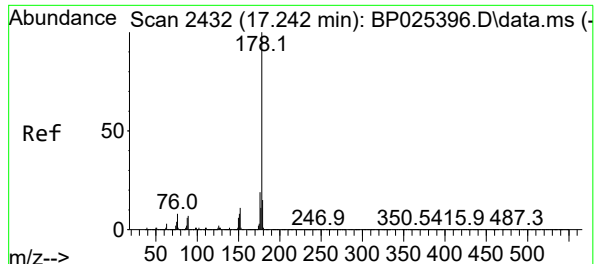
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

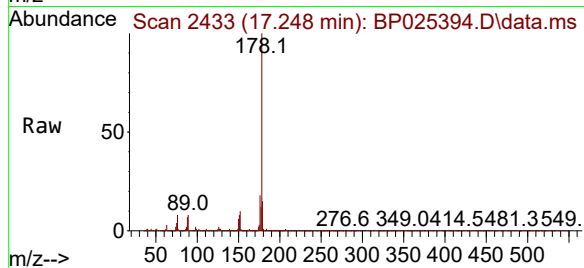
Tgt Ion:266 Resp: 52539
Ion Ratio Lower Upper
266 100
268 65.4 52.6 79.0
264 69.5 52.0 78.0





#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

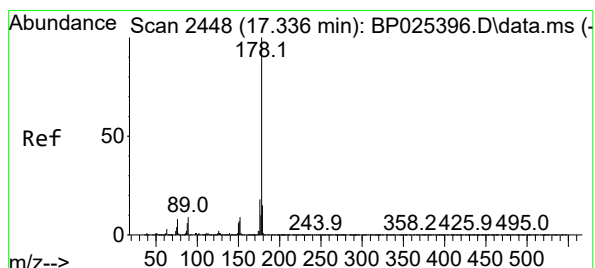
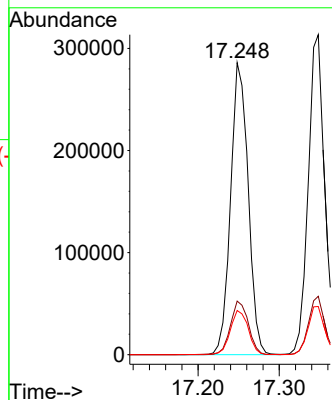
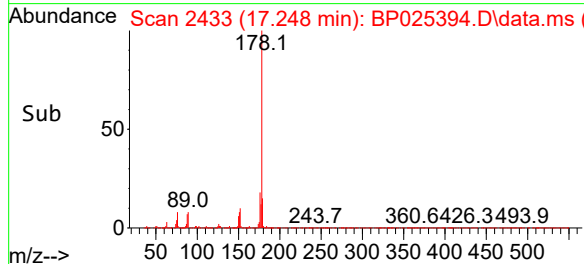
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 429752
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.1 12.2 18.4

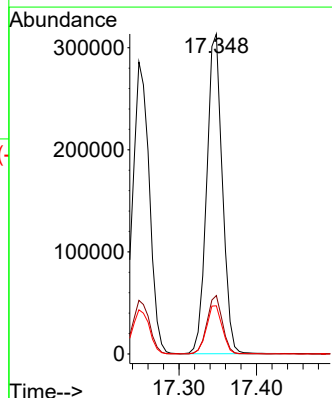
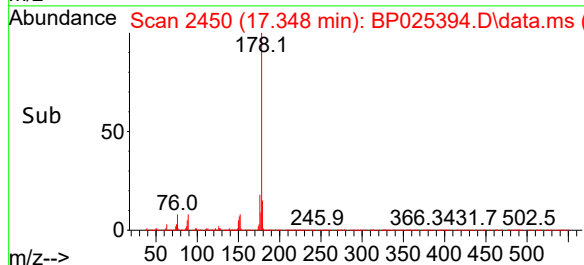
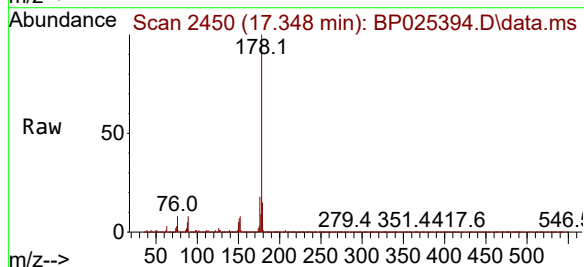
Manual Integrations
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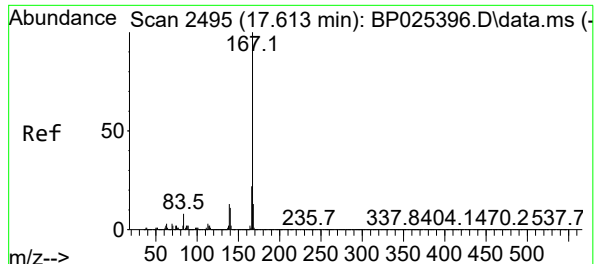
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

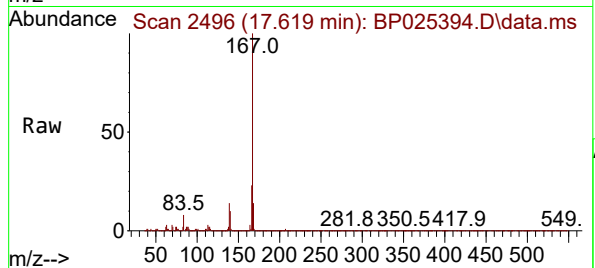
Tgt Ion:178 Resp: 438953
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 9.954 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025394.D
 Acq: 14 Aug 2025 13:56

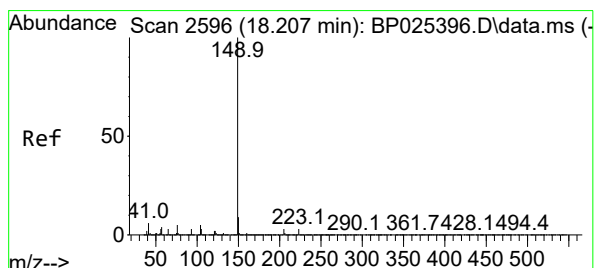
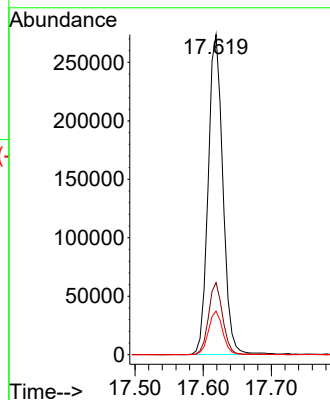
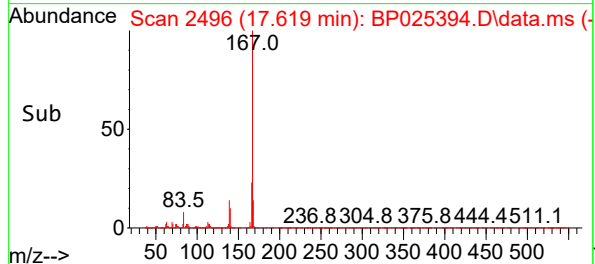
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



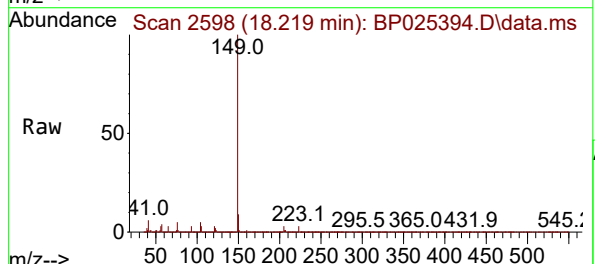
Tgt Ion:167 Resp: 410720
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.6 10.6 16.0

Manual Integrations
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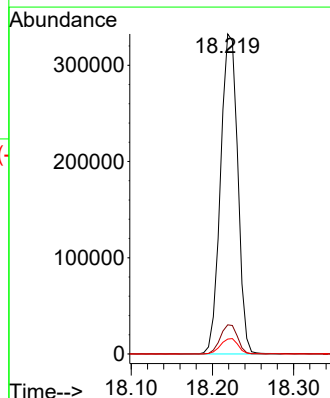
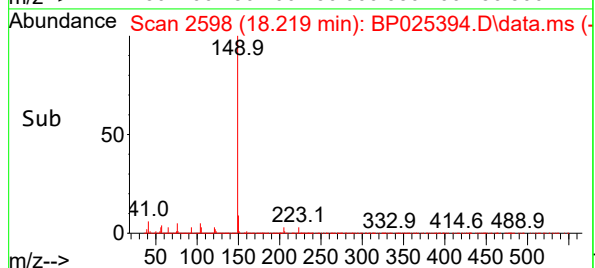
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

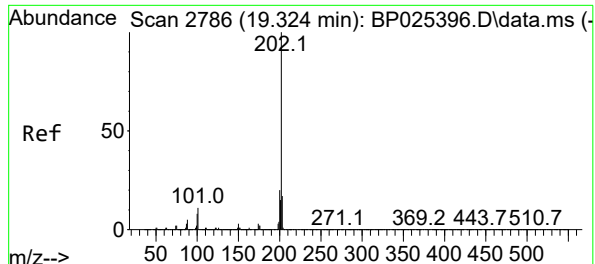


#74
 Di-n-butylphthalate
 Concen: 9.656 ng
 RT: 18.219 min Scan# 2598
 Delta R.T. 0.012 min
 Lab File: BP025394.D
 Acq: 14 Aug 2025 13:56



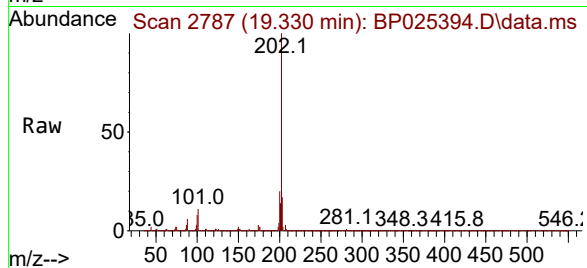
Tgt Ion:149 Resp: 490232
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

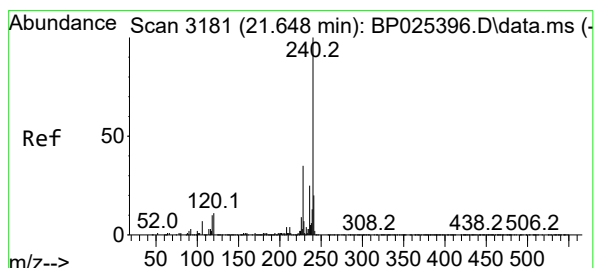
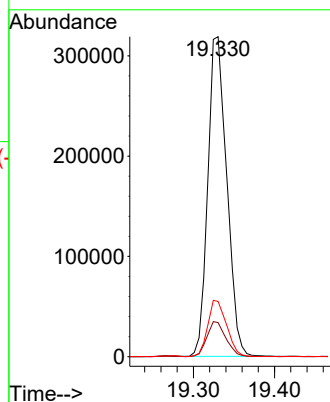
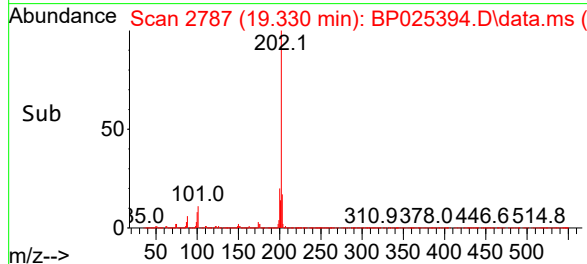
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 51652
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.2 0.0 37.3

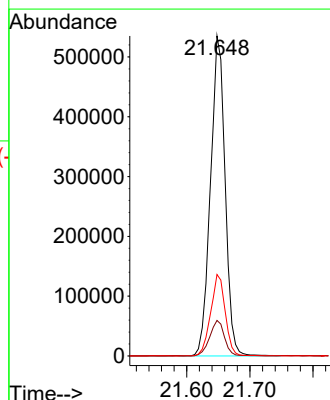
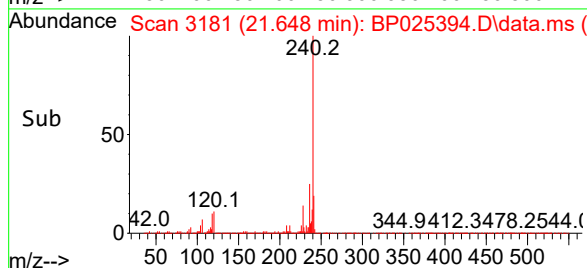
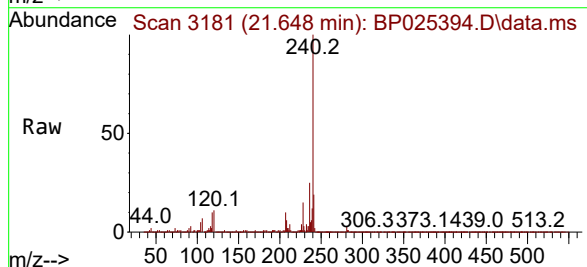
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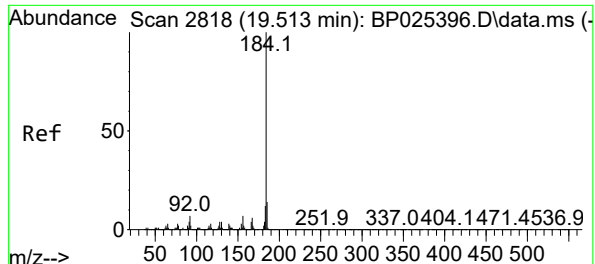
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

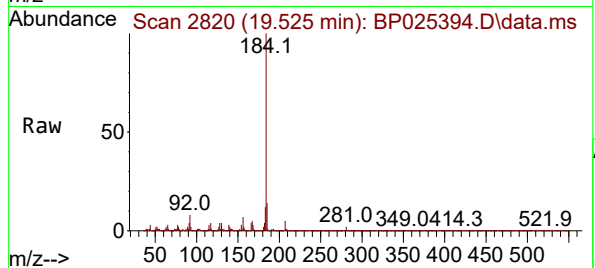
Tgt Ion:240 Resp: 860386
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2819
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

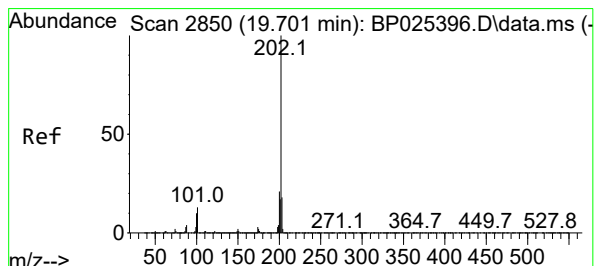
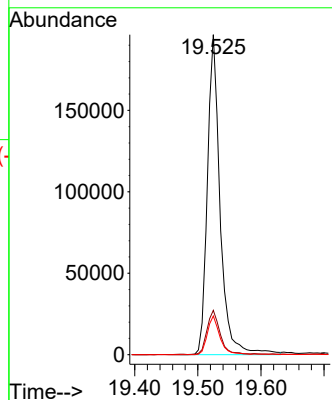
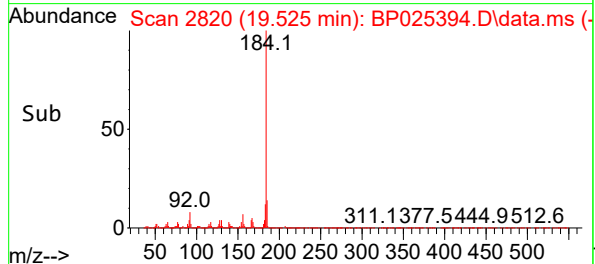
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 27619
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 12.1 9.4 14.2

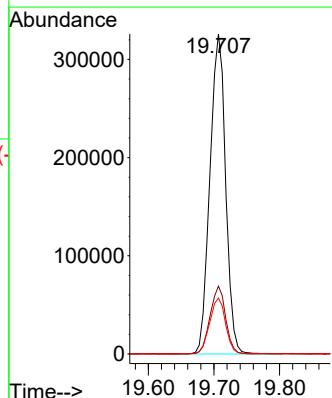
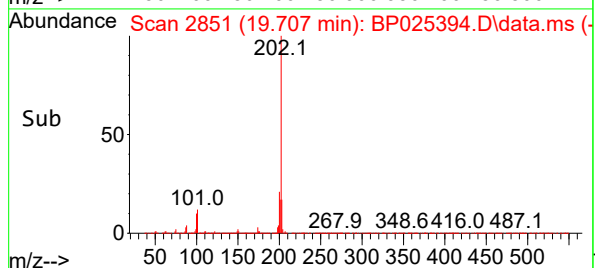
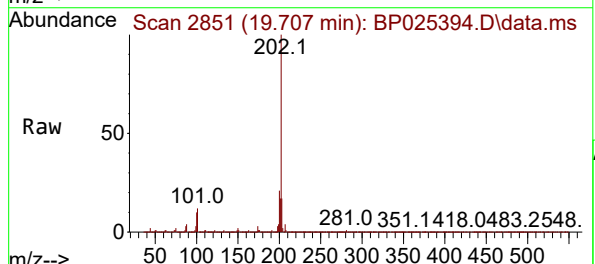
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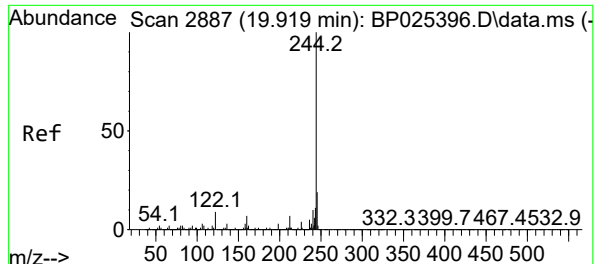
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.2 21.2





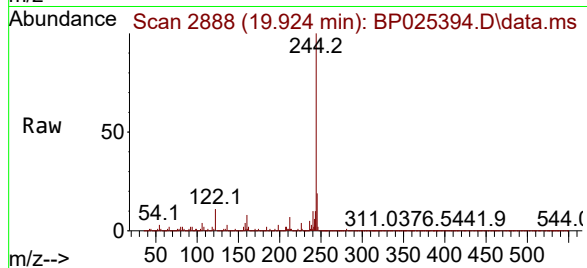
#79
 Terphenyl-d14
 Concen: 20.125 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025394.D
 Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

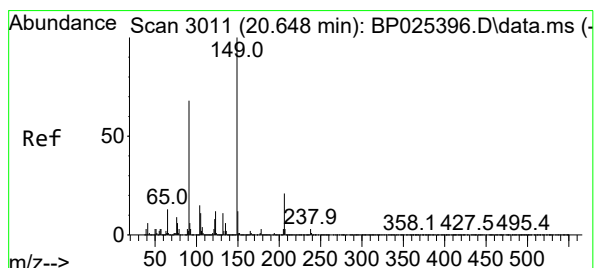
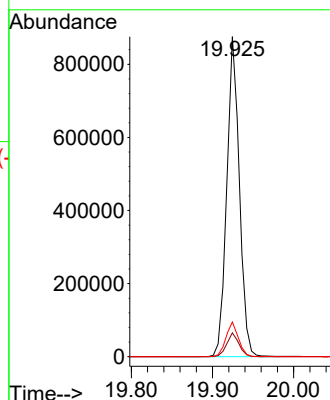
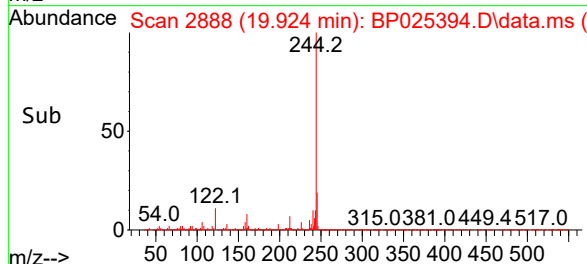


Tgt Ion:244 Resp: 94642
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.9 7.4 11.2

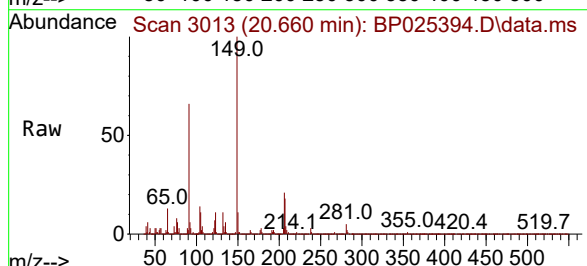
Manual Integrations

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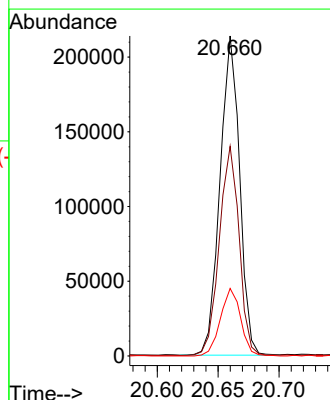
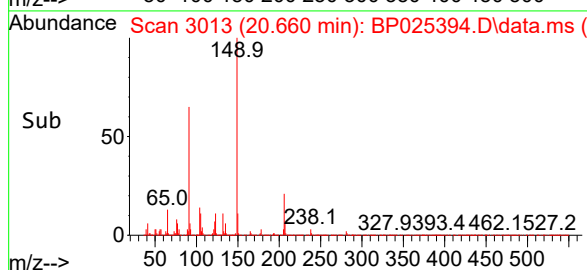
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

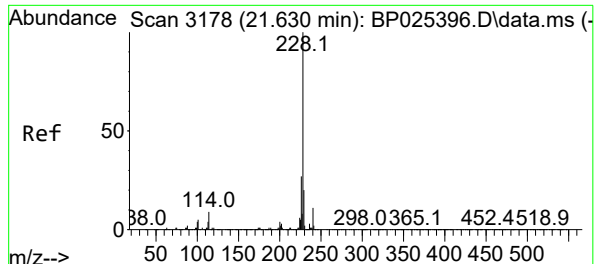


#80
 Butylbenzylphthalate
 Concen: 9.446 ng
 RT: 20.660 min Scan# 3013
 Delta R.T. 0.012 min
 Lab File: BP025394.D
 Acq: 14 Aug 2025 13:56



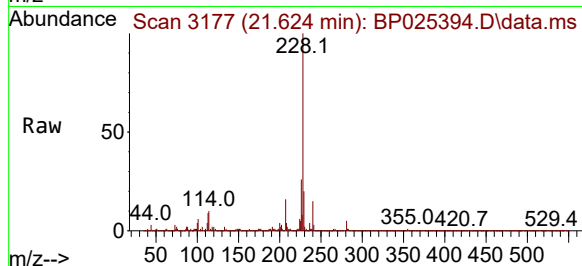
Tgt Ion:149 Resp: 239416
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.2 81.2
 206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

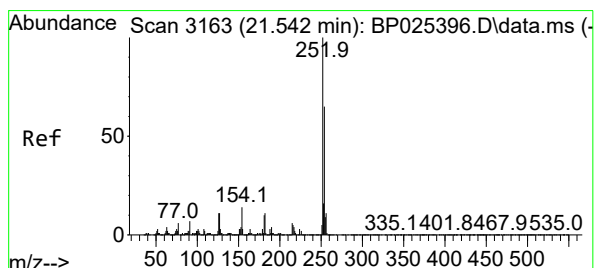
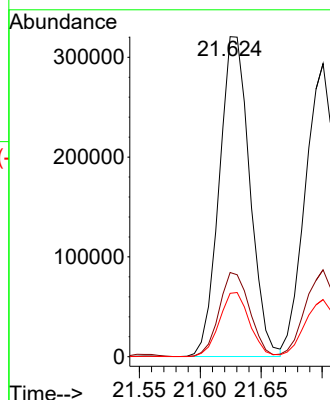
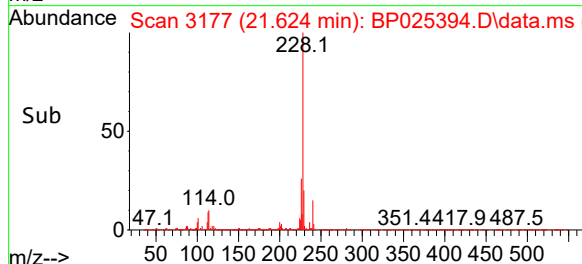
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 560279
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 19.8 15.6 23.4

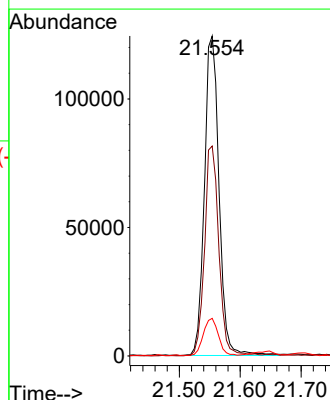
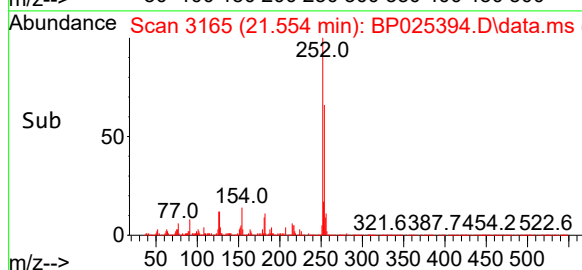
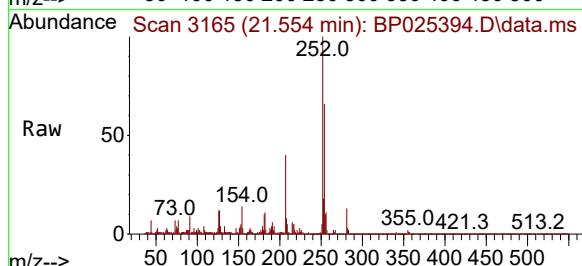
Manual Integrations
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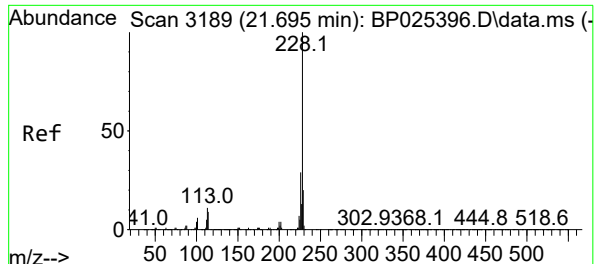
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 207153
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 11.7 9.1 13.7





#83

Chrysene

Concen: 9.831 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

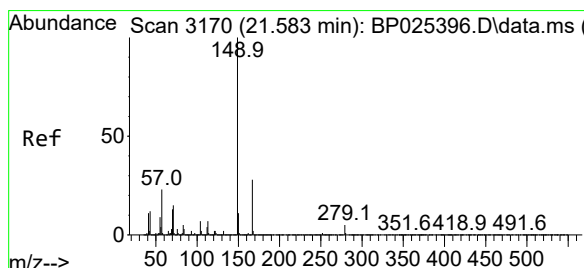
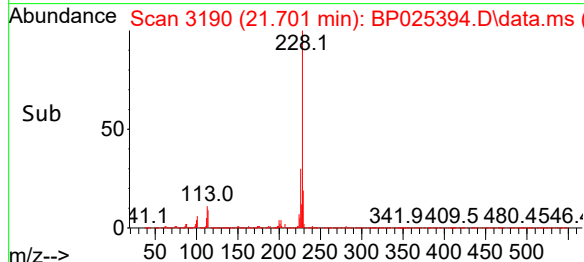
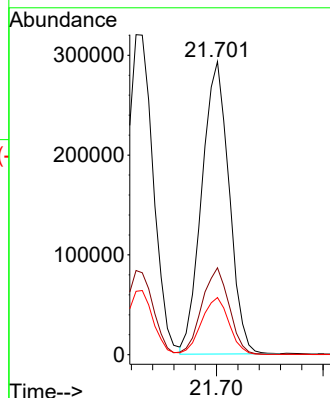
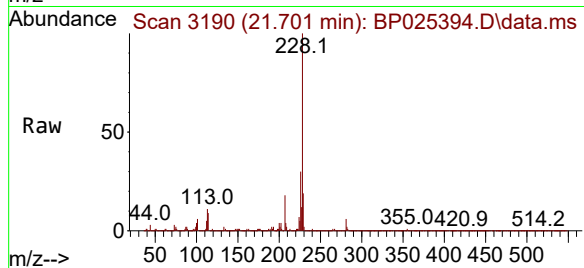
Tgt Ion:	228	Resp:	52241
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.2	34.8
229	19.5	15.6	23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.529 ng

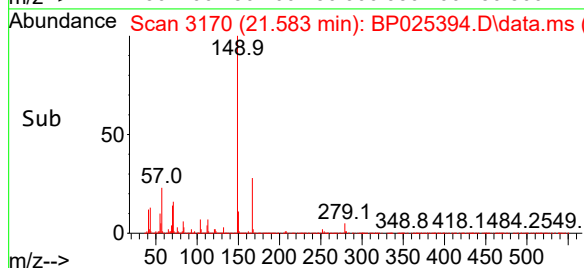
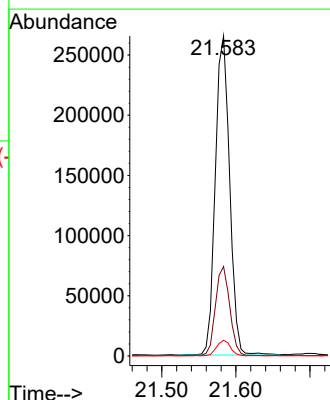
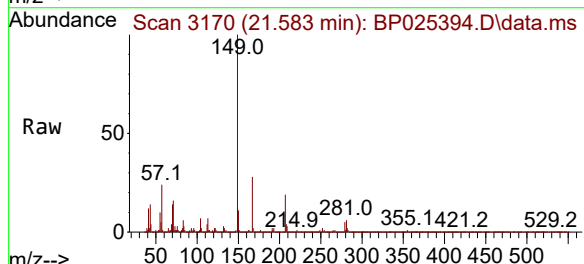
RT: 21.583 min Scan# 3170

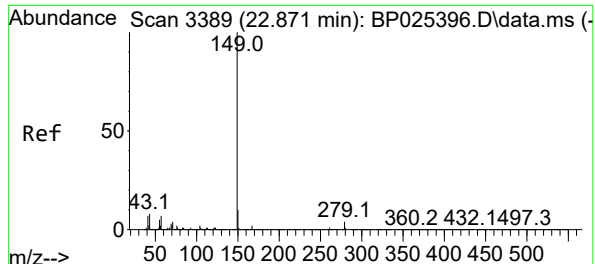
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

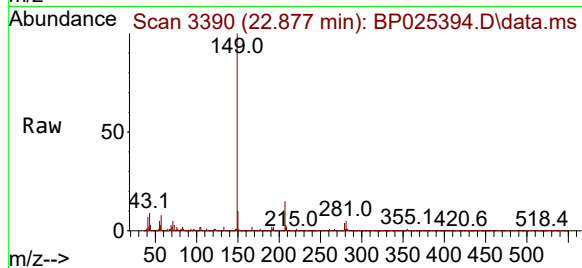
Tgt Ion:	149	Resp:	355530
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.1	33.1
279	4.9	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

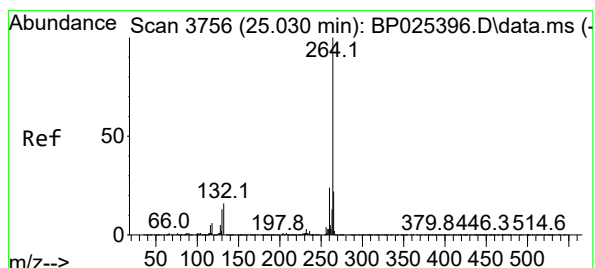
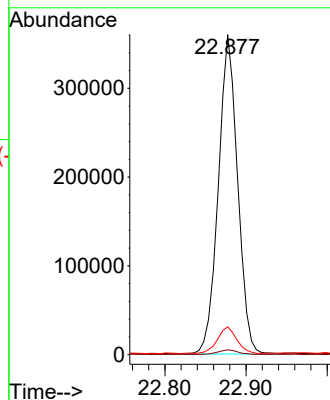
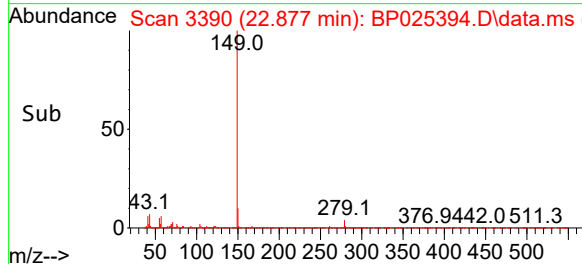
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 59419
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.3 9.5

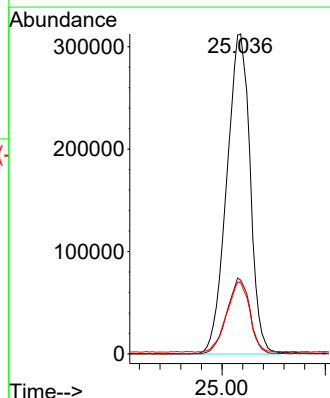
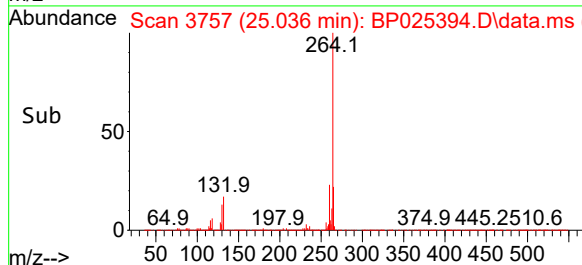
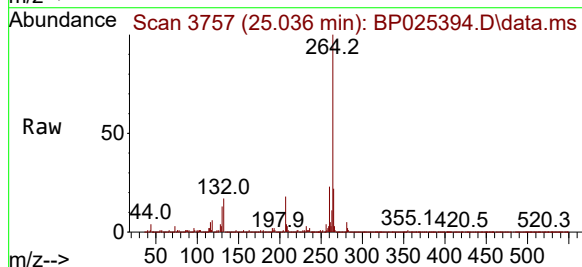
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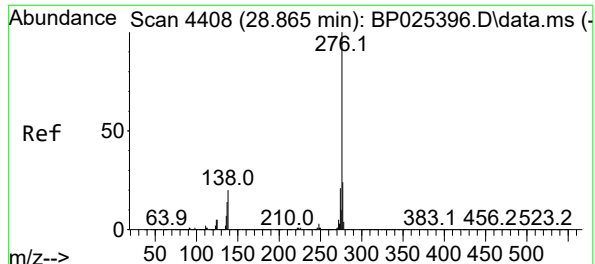
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

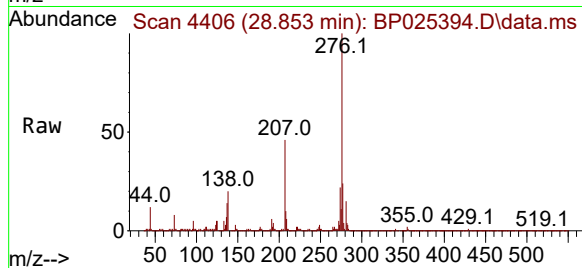
Tgt Ion:264 Resp: 980670
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4408
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

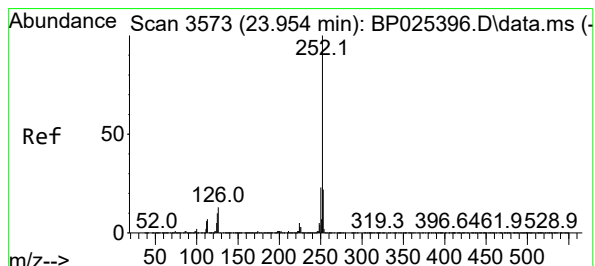
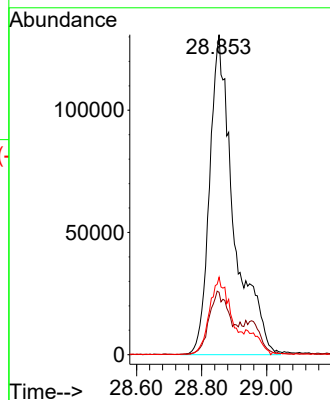
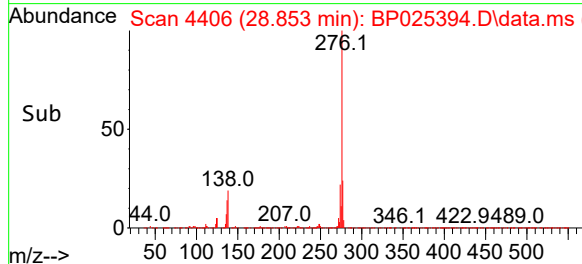
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 678980
Ion Ratio Lower Upper
276 100
138 16.7 12.9 19.3
277 21.1 17.0 25.6

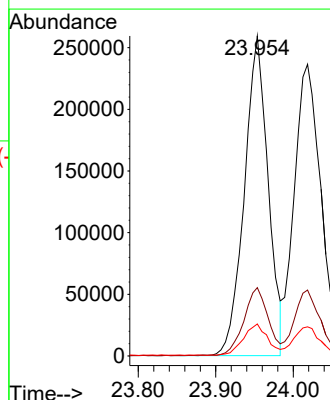
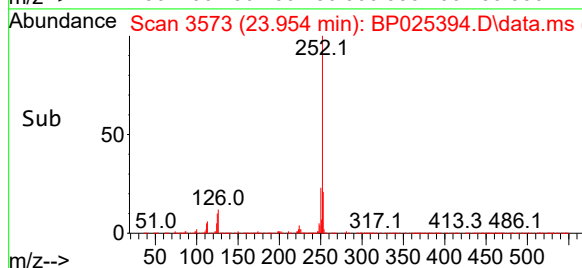
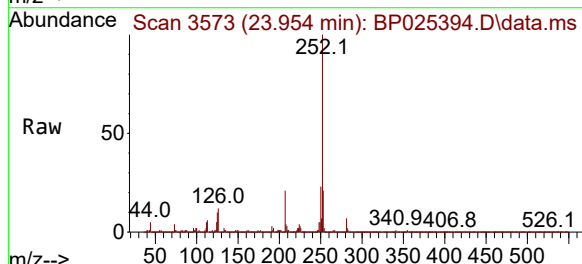
Manual Integrations
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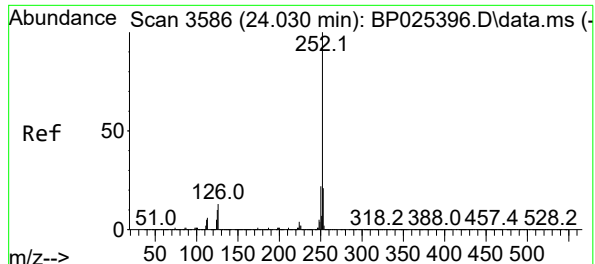
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 252 Resp: 552191
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 9.800 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 567080

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

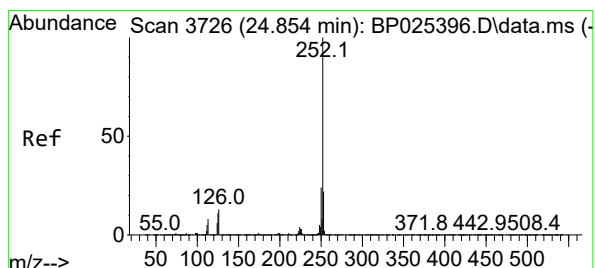
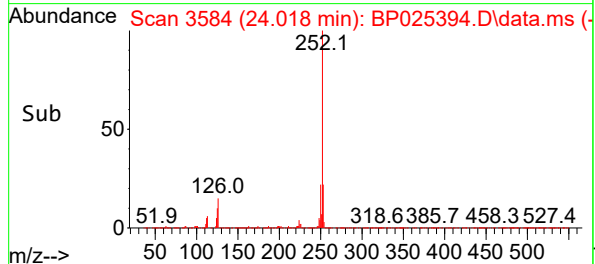
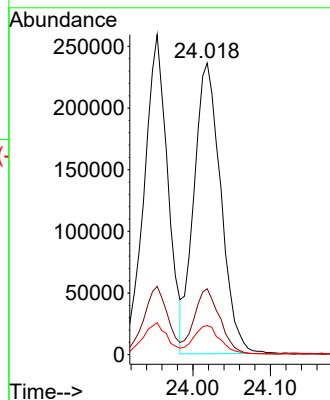
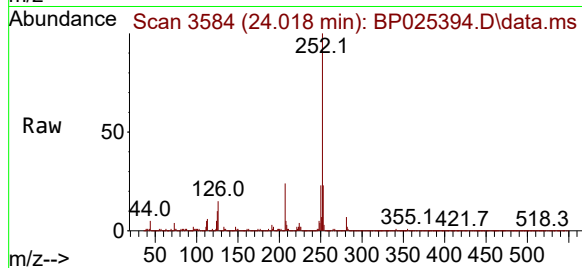
125 10.0 7.8 11.6

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 9.519 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

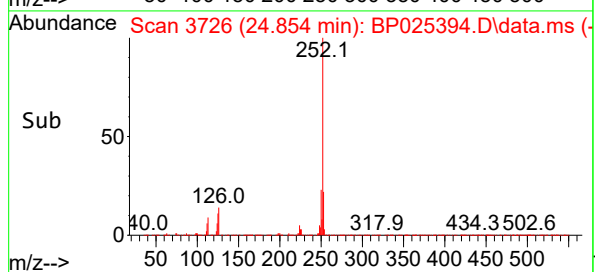
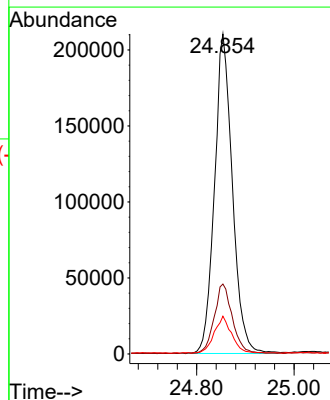
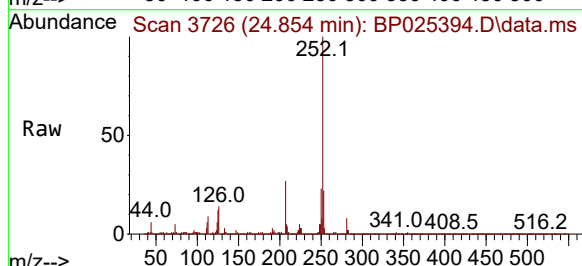
Tgt Ion:252 Resp: 535820

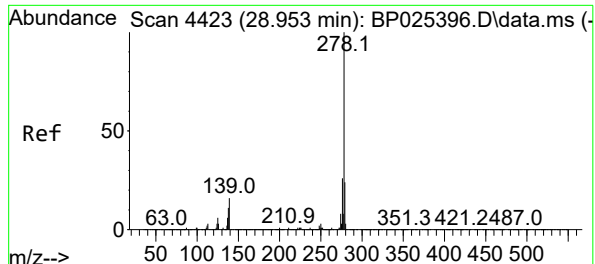
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

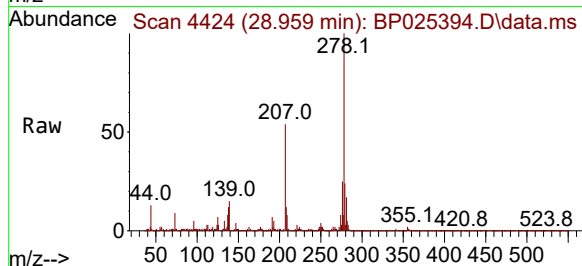
125 11.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 4423
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

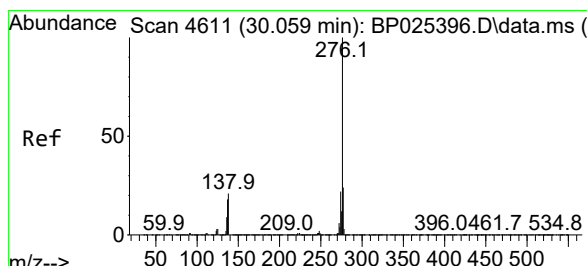
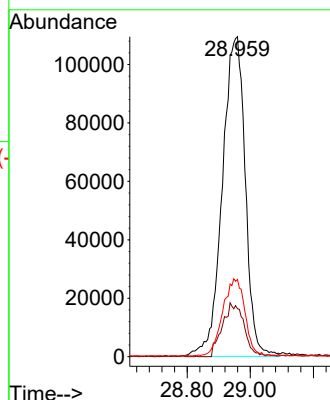
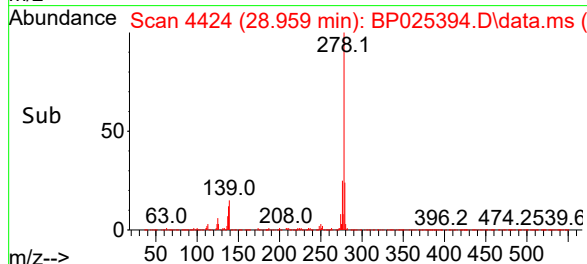
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



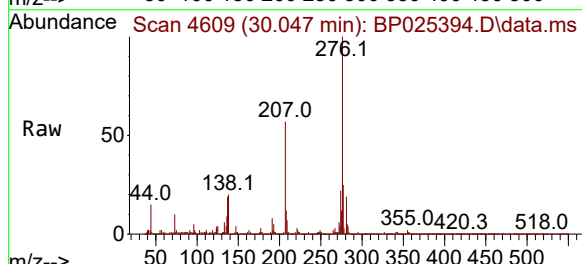
Tgt Ion: 278 Resp: 551694
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 24.2 19.4 29.2

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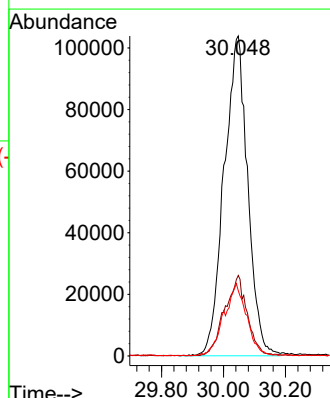
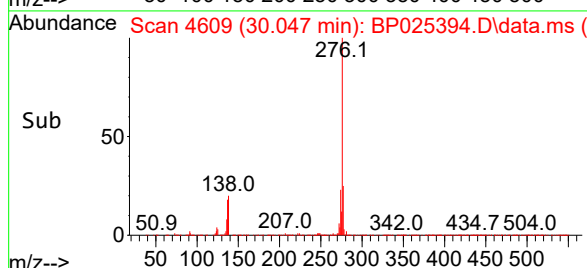
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion: 276 Resp: 548117
Ion Ratio Lower Upper
276 100
277 25.1 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng	0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng	0.00
86) Perylene-d12	25.036	264	958651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	338568	39.674	ng	0.00
7) Phenol-d6	6.966	99	434388	39.702	ng	0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng	0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng	99
3) Pyridine	3.731	79	177948	19.450	ng	98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	# 96
6) Aniline	7.125	93	287645	19.513	ng	99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng	99
9) Benzaldehyde	6.937	77	135464	17.672	ng	99
10) Phenol	6.990	94	228580	19.910	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng	98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng	99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng	99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng	99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng	99
17) 2-Methylphenol	8.225	107	159119	19.956	ng	98
18) Hexachloroethane	8.866	117	78205	19.597	ng	94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng	97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng	98
22) Acetophenone	8.596	105	305812	20.196	ng	99
24) Nitrobenzene	8.972	77	210234	19.708	ng	100
25) Isophorone	9.496	82	422370	19.995	ng	99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng	98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng	99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng	98
31) Naphthalene	10.613	128	625899	19.944	ng	99
32) Benzoic acid	9.843	122	124836m	18.004	ng	
33) 4-Chloroaniline	10.713	127	270158	19.489	ng	99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng	99
35) Caprolactam	11.484	113	66168	19.294	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng	97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng	99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng	99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

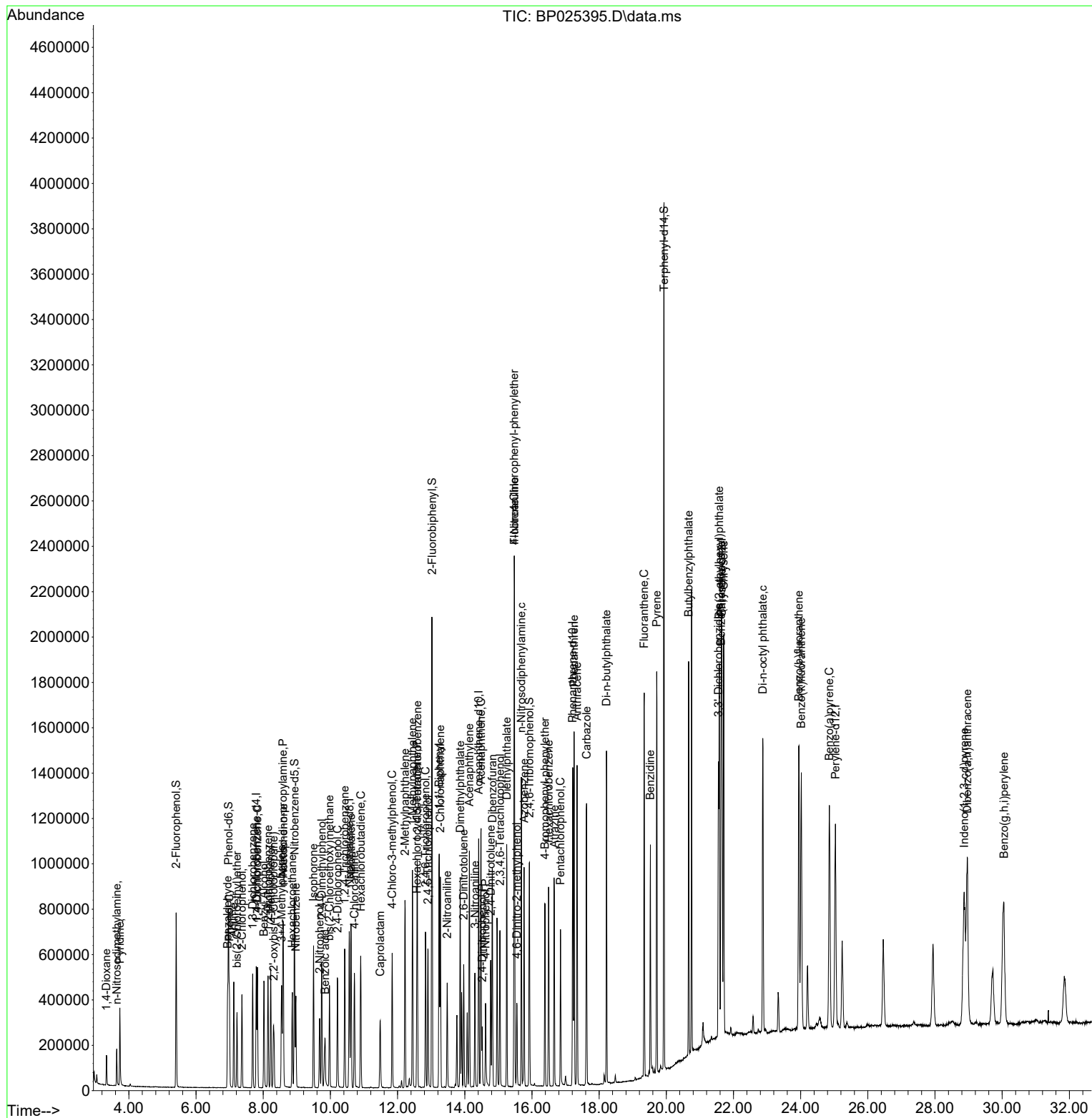
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

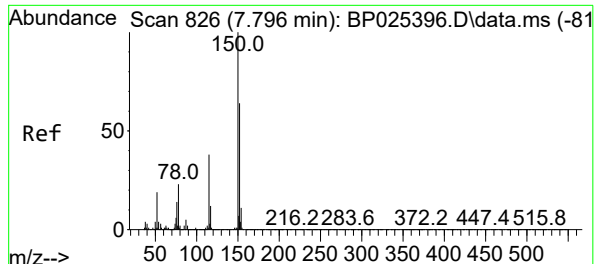
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

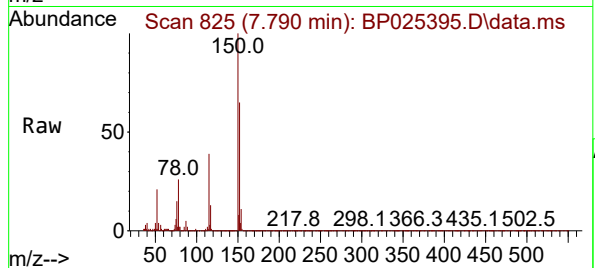
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

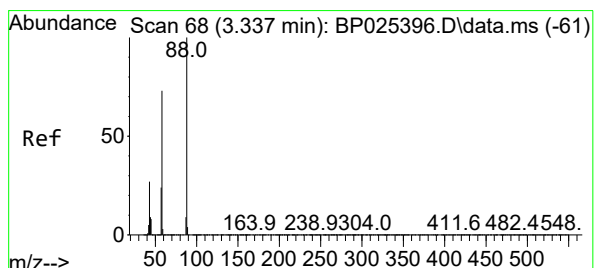
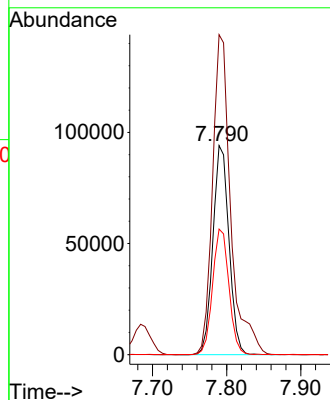
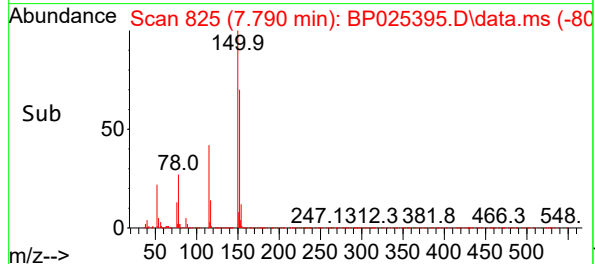
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 14172
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 60.0 48.5 72.7

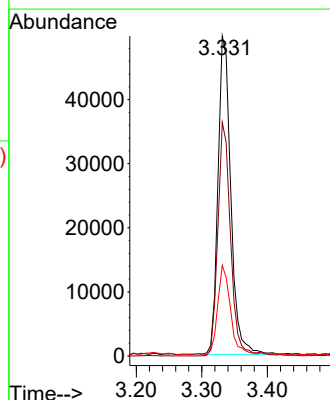
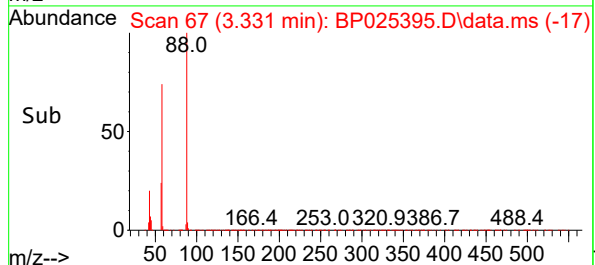
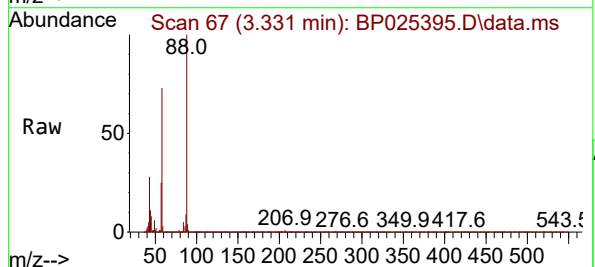
Manual Integrations
APPROVED

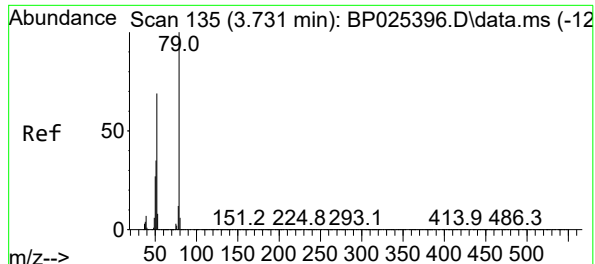
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276
Ion Ratio Lower Upper
88 100
58 73.2 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 19.450 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 17794

Ion Ratio Lower Upper

79 100

52 71.9 55.5 83.3

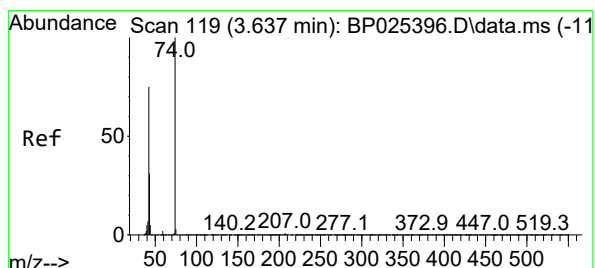
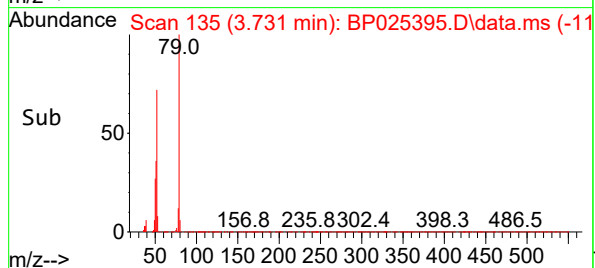
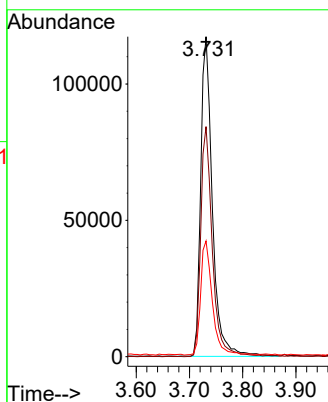
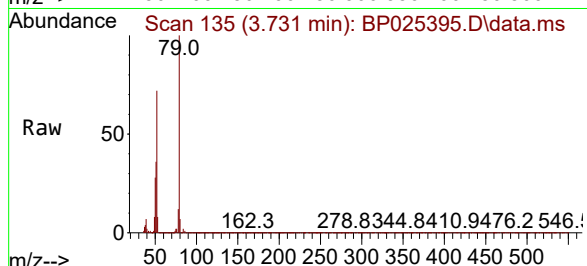
51 36.1 28.3 42.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 19.255 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

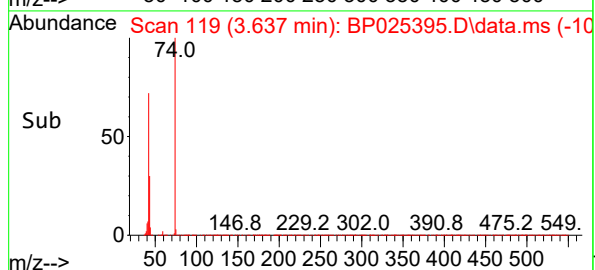
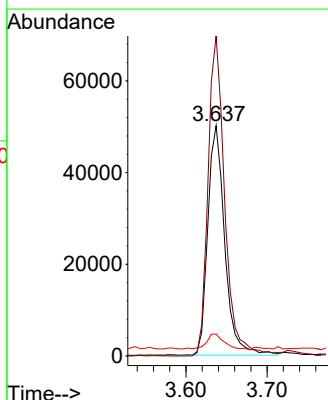
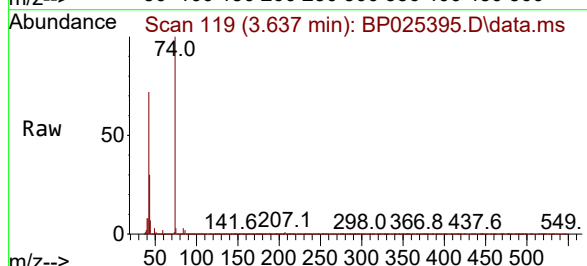
Tgt Ion: 42 Resp: 72627

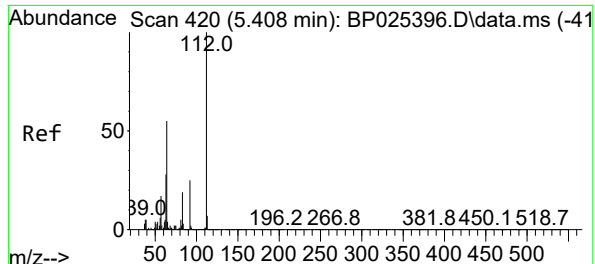
Ion Ratio Lower Upper

42 100

74 138.9 107.0 160.4

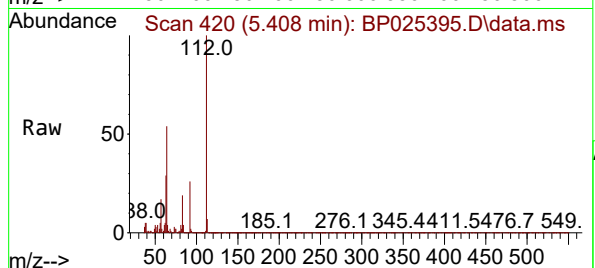
44 9.5 6.2 9.4#





#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

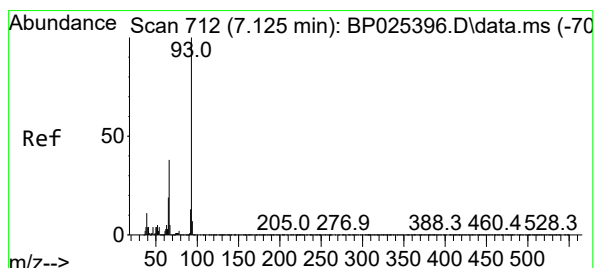
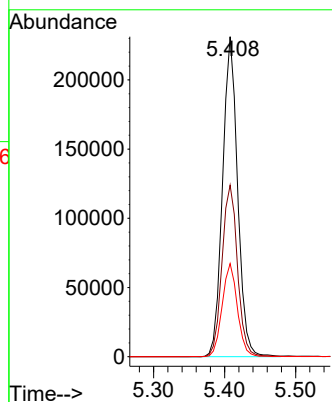
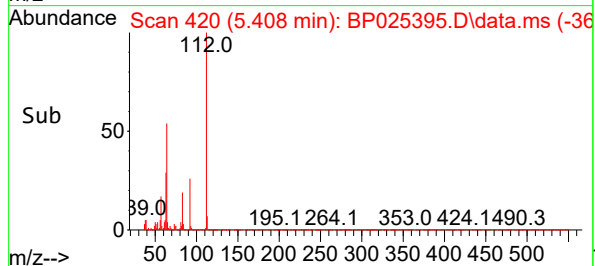
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 33856
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.8
63 29.1 22.7 34.1

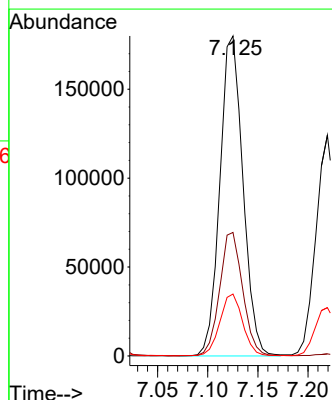
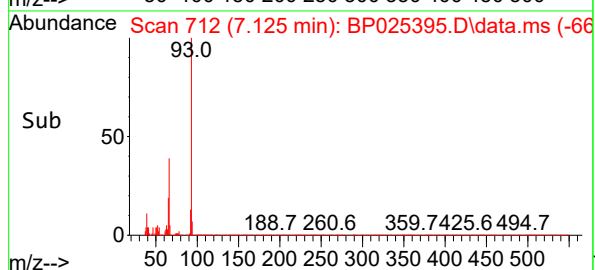
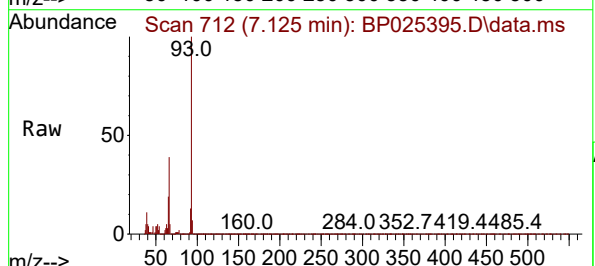
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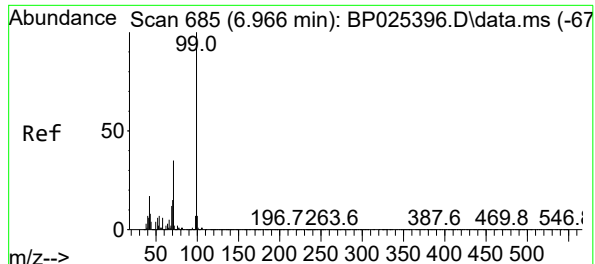
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

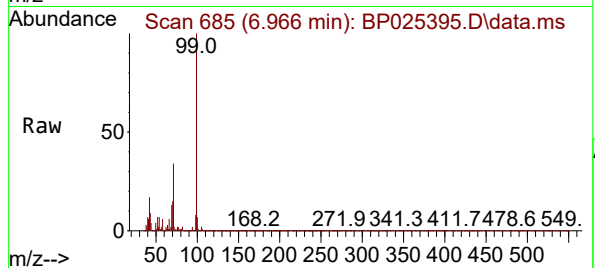
Tgt Ion: 93 Resp: 287645
Ion Ratio Lower Upper
93 100
66 38.6 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

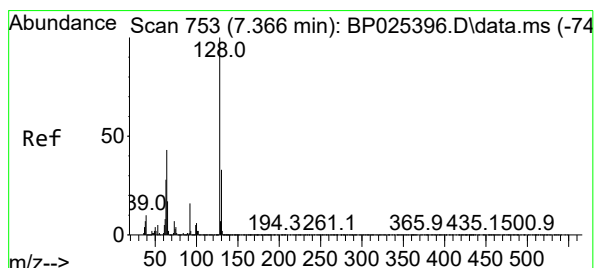
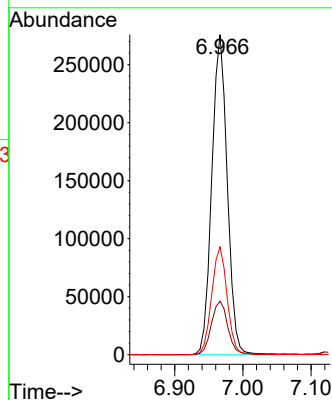
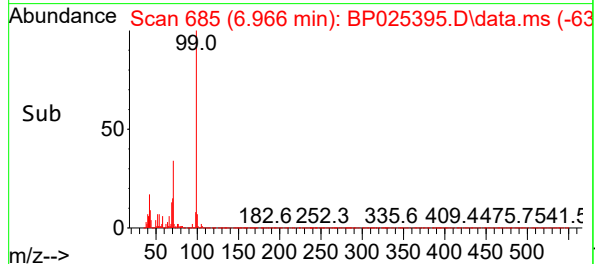
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



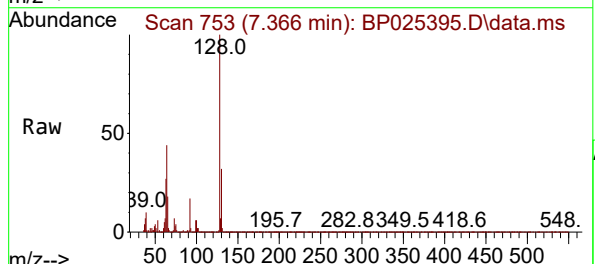
Tgt Ion: 99 Resp: 434388
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.7 28.2 42.4

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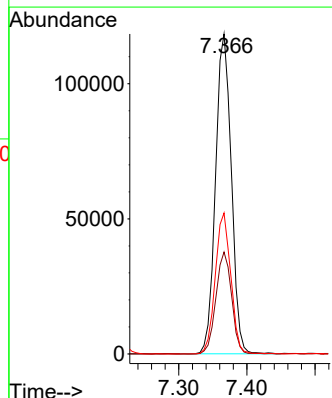
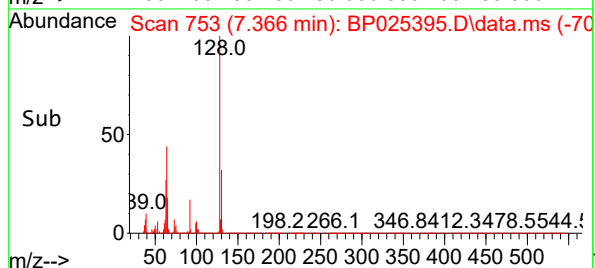
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

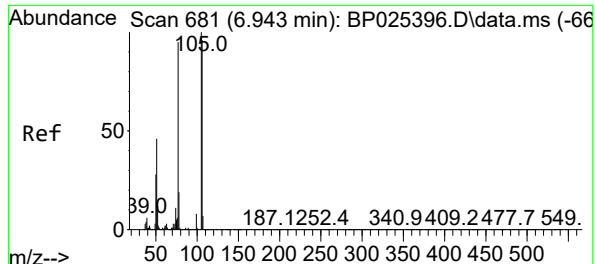


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



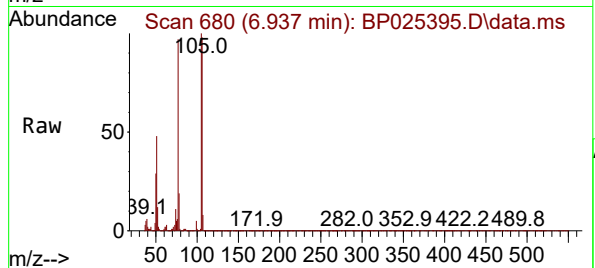
Tgt Ion:128 Resp: 190858
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 44.0 23.4 63.4





#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

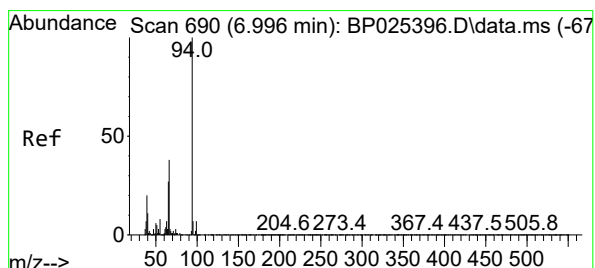
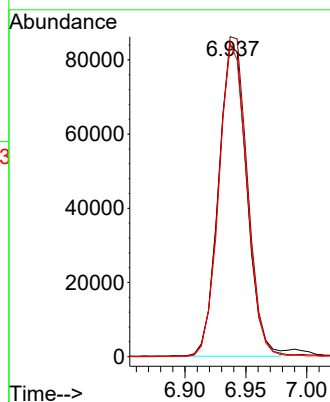
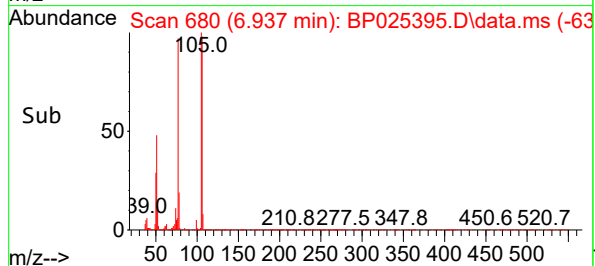
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 135464
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 100.6 80.5 120.5

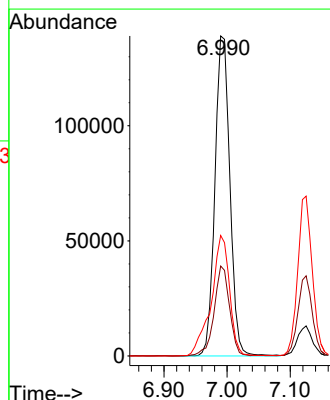
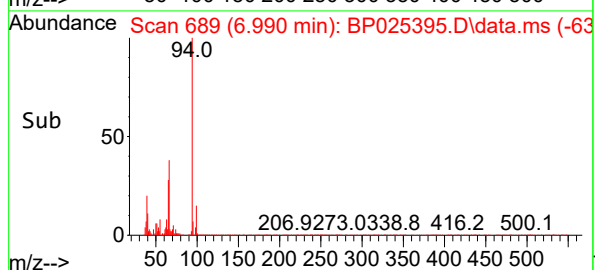
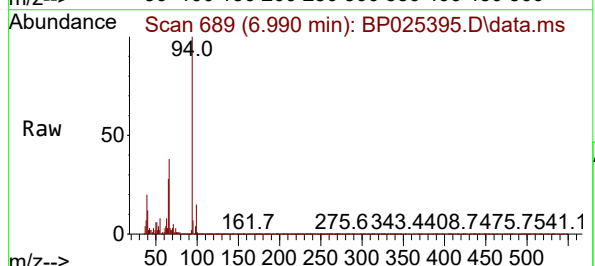
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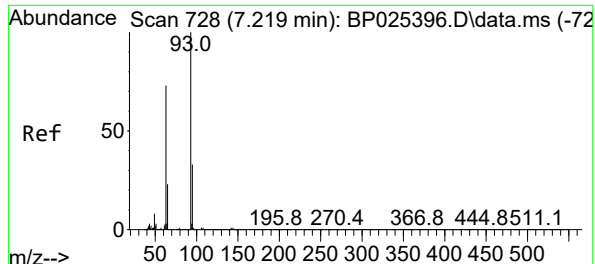
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

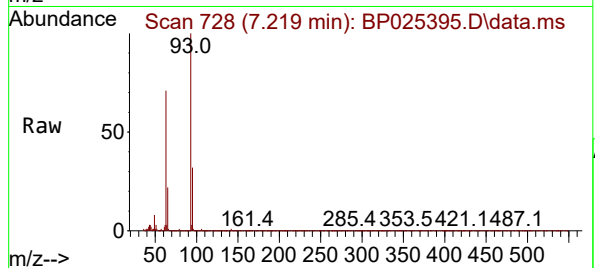
Tgt Ion: 94 Resp: 228580
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 37.7 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

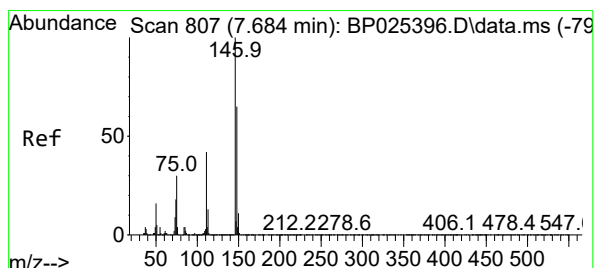
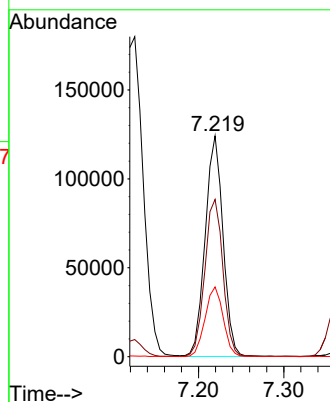
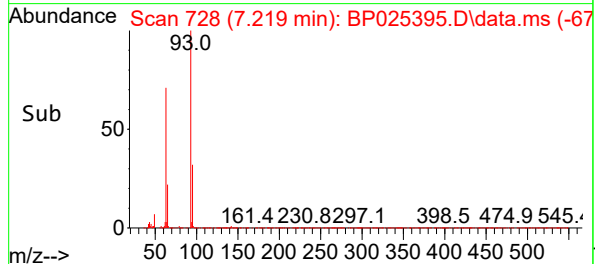
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



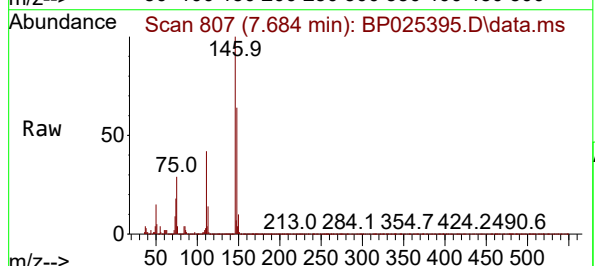
Tgt Ion: 93 Resp: 180390
Ion Ratio Lower Upper
93 100
63 71.2 52.6 92.6
95 31.6 12.7 52.7

Manual Integrations
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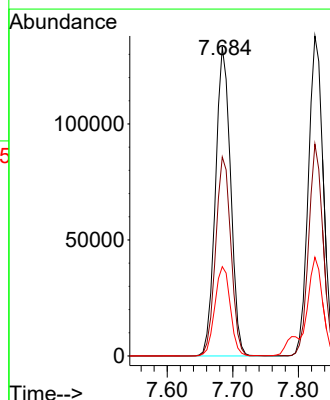
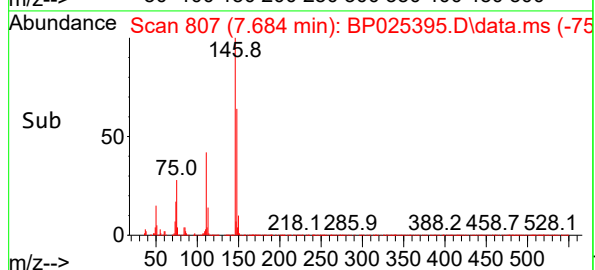
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

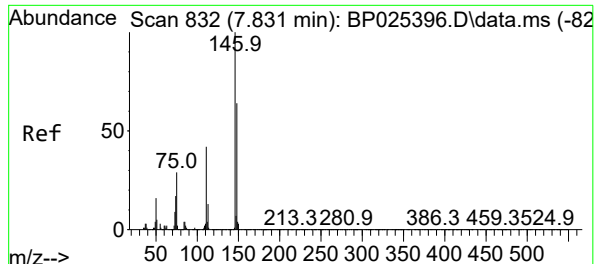


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion:146 Resp: 213023
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 28.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 19.938 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 216400

Ion Ratio Lower Upper

146 100

148 66.2 51.6 77.4

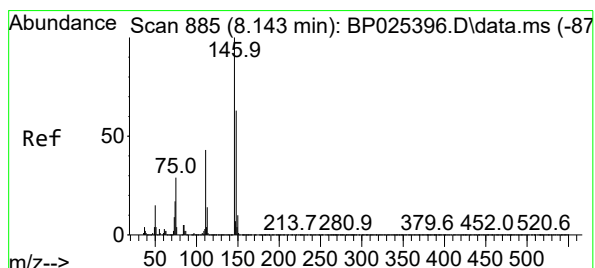
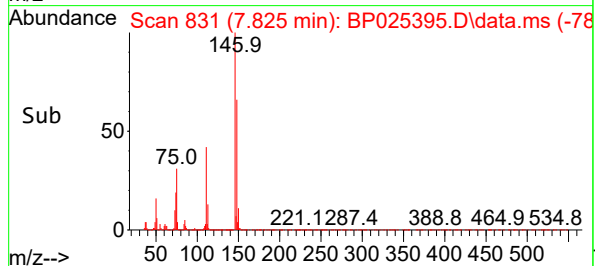
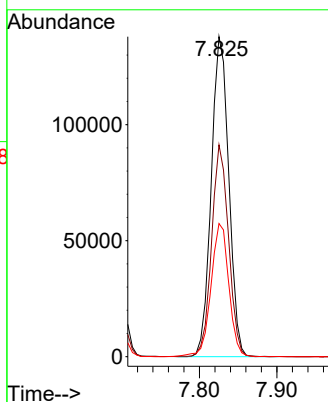
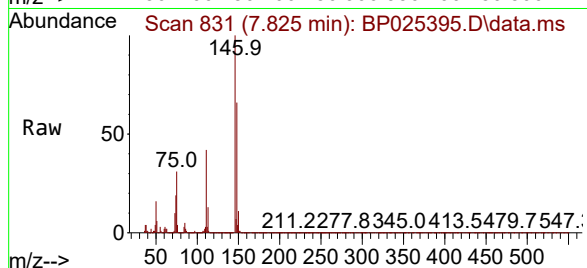
111 41.6 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 20.106 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

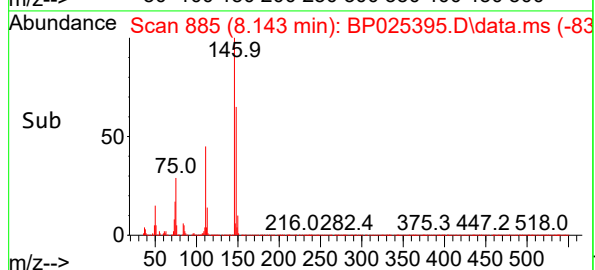
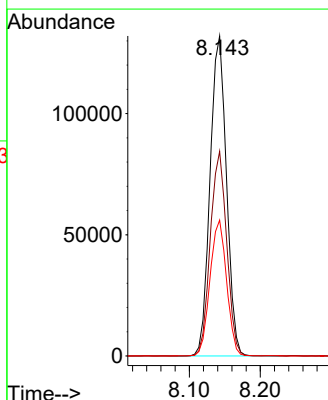
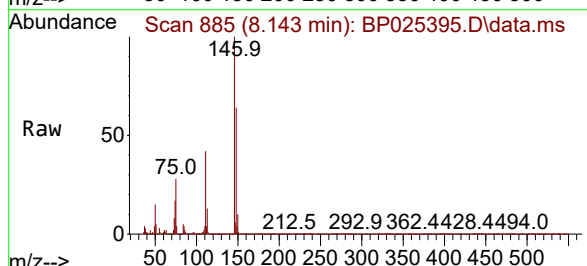
Tgt Ion:146 Resp: 211243

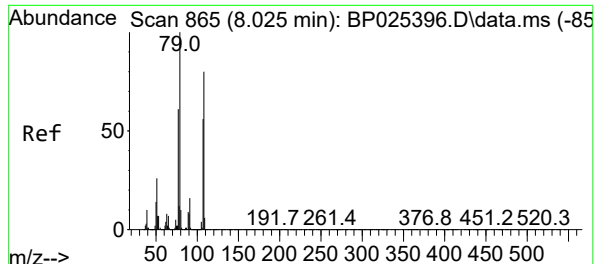
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 42.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 19.640 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 170730

Ion Ratio Lower Upper

79 100

108 77.1 63.8 95.6

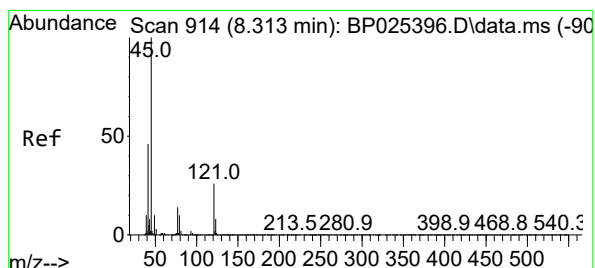
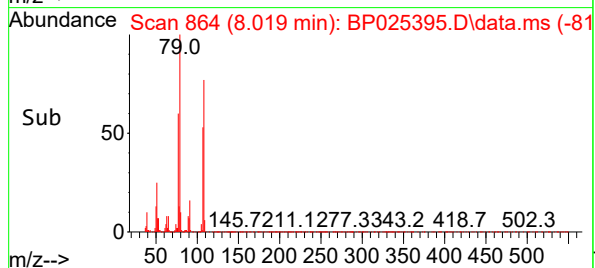
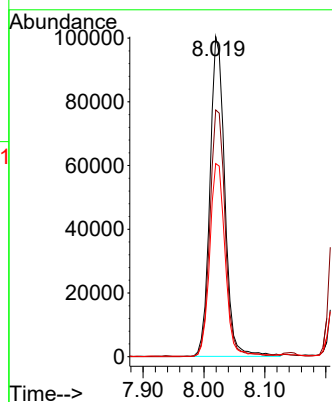
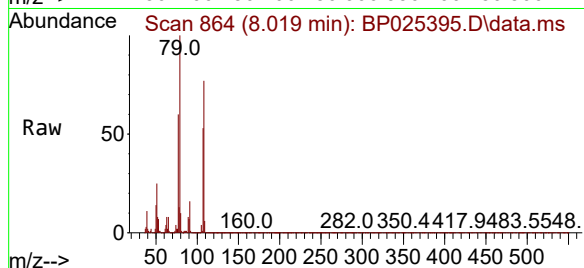
77 60.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.240 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

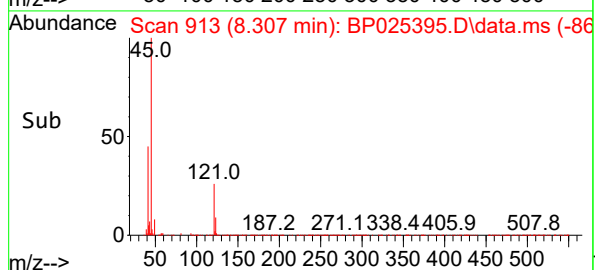
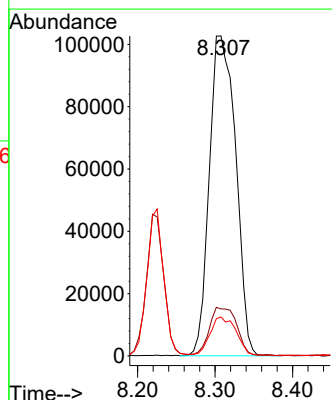
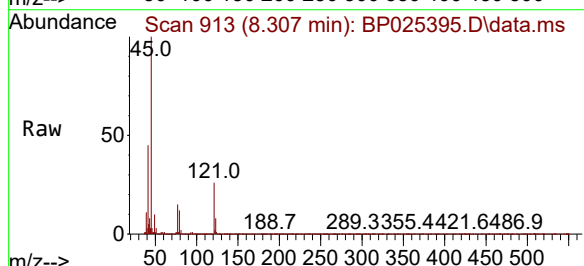
Tgt Ion: 45 Resp: 242616

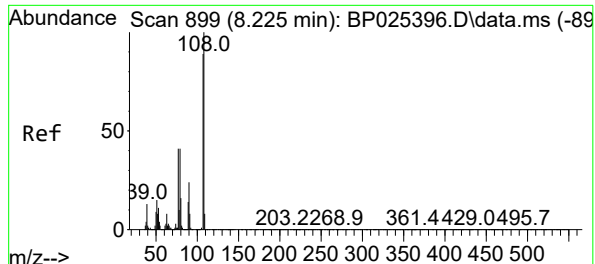
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.3

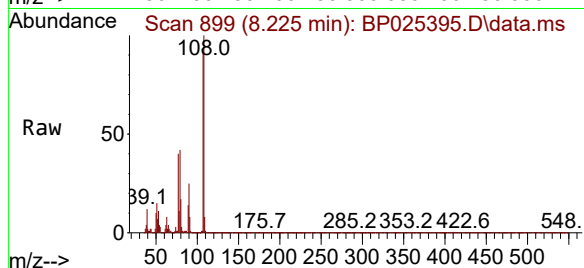
79 12.2 0.0 31.8





#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

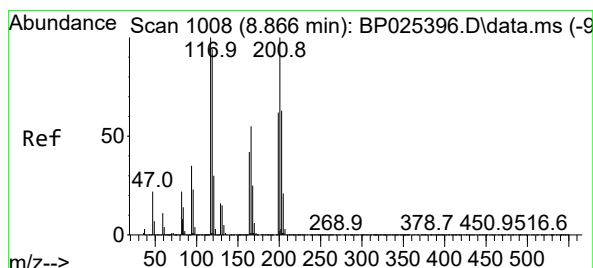
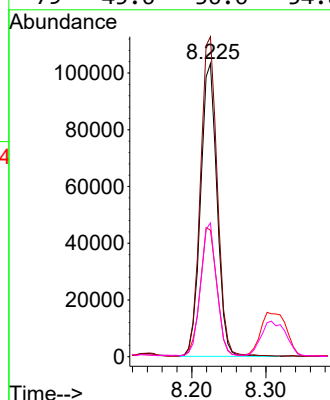
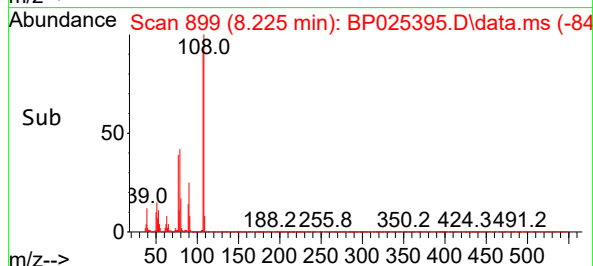
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 159119
Ion Ratio Lower Upper
107 100
108 109.2 89.4 134.0
77 43.2 36.3 54.5
79 45.6 36.6 54.8

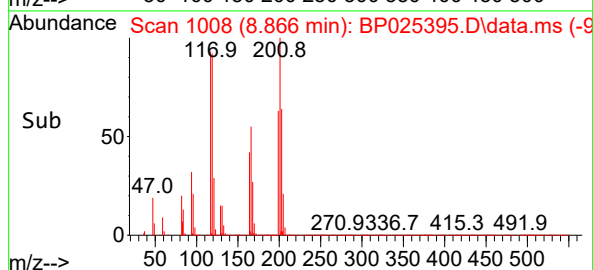
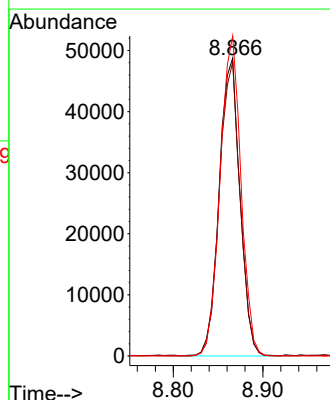
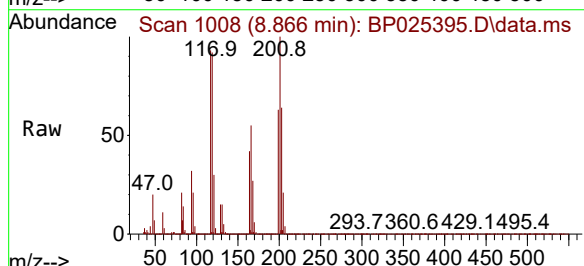
Manual Integrations
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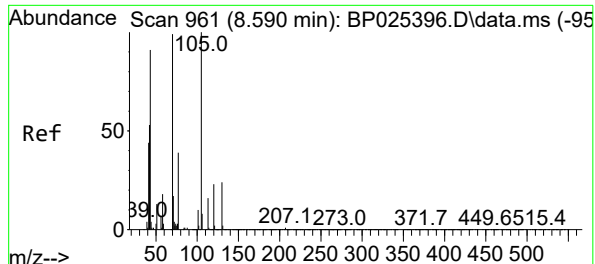
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205
Ion Ratio Lower Upper
117 100
119 98.8 75.1 112.7
201 107.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 20.633 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 14971

Ion Ratio Lower Upper

70 100

42 52.0 43.8 65.6

101 11.3 8.5 12.7

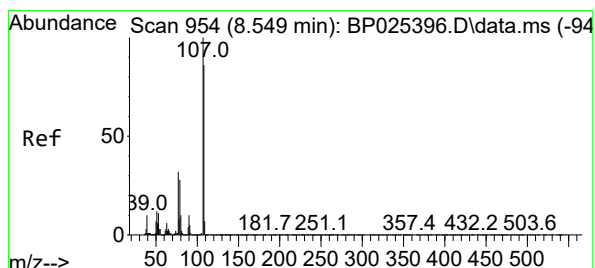
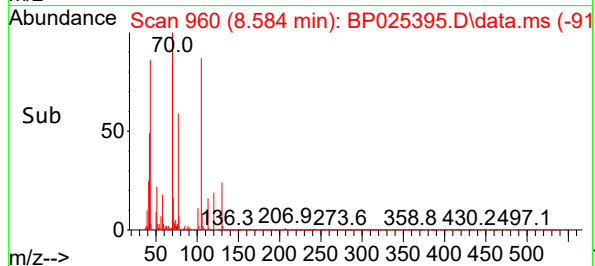
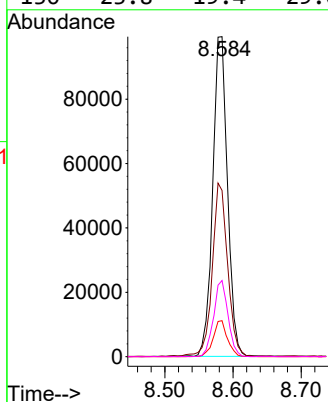
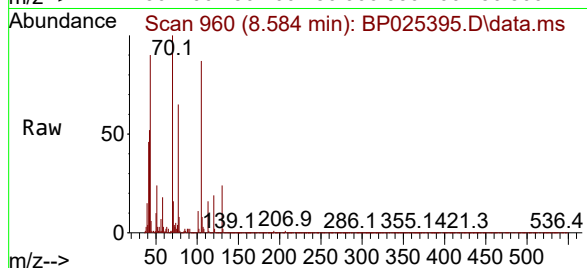
130 23.8 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 19.655 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

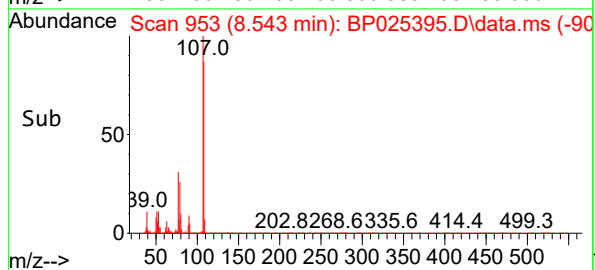
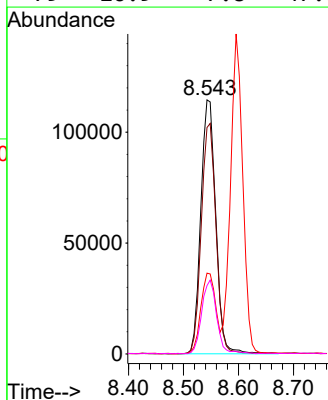
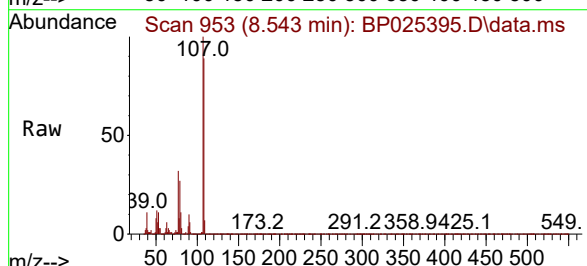
Ion Ratio Lower Upper

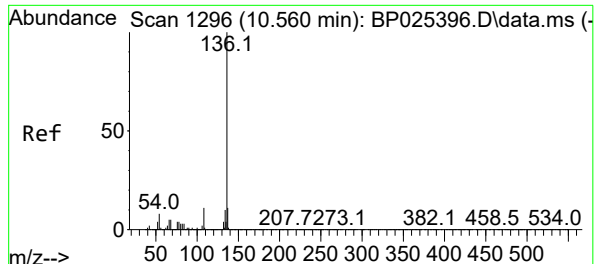
107 100

108 89.1 66.3 106.3

77 31.8 12.3 52.3

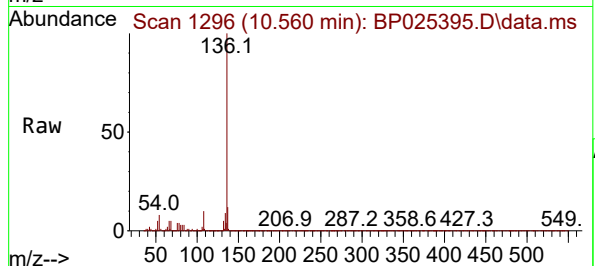
79 26.9 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

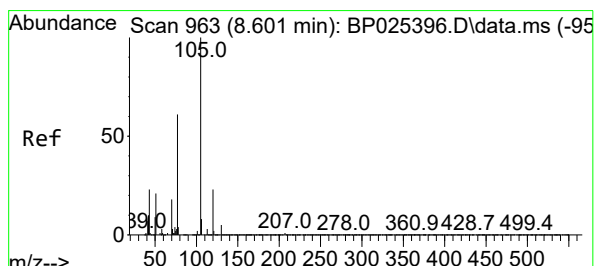
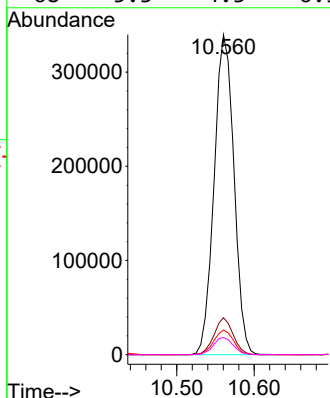
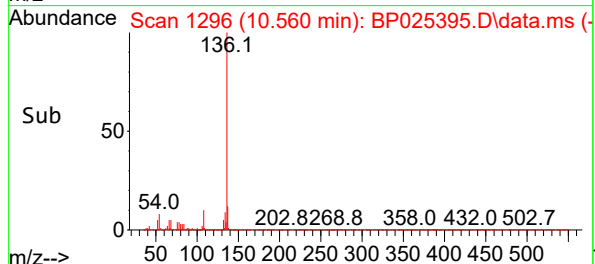
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 60379
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 7.7 6.0 9.0
68 5.3 4.3 6.5

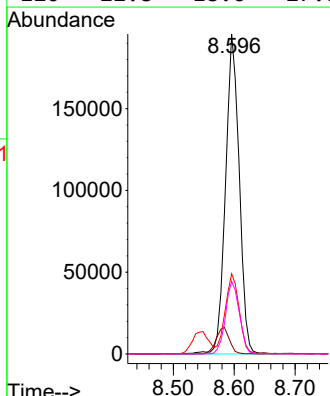
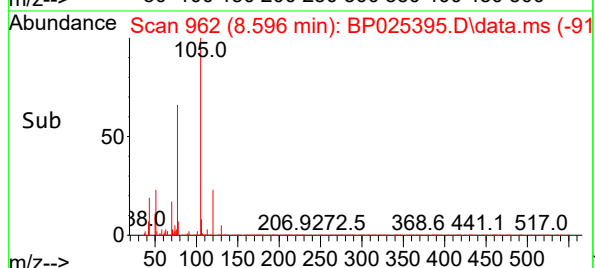
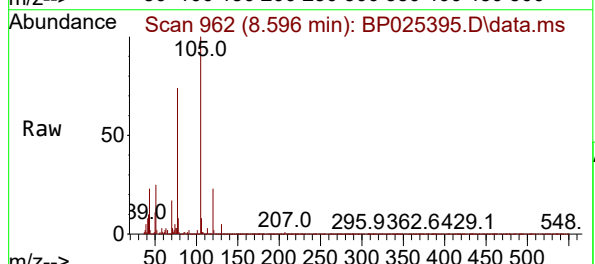
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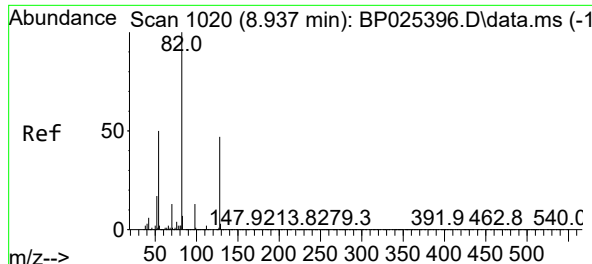
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

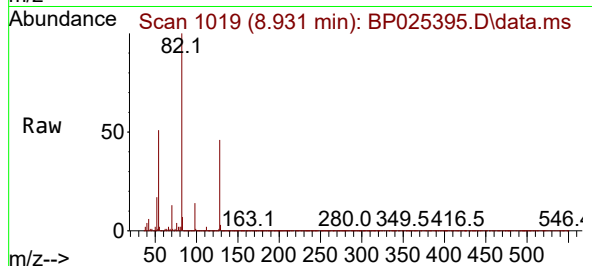
Tgt Ion:105 Resp: 305812
Ion Ratio Lower Upper
105 100
71 2.8 2.6 4.0
51 25.0 20.6 30.8
120 22.8 18.6 27.8





#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

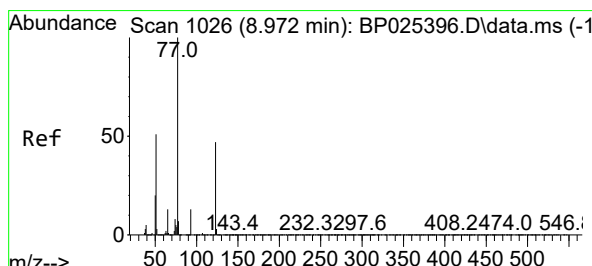
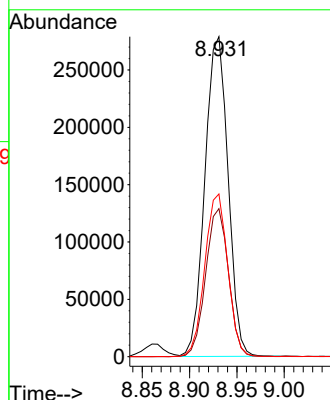
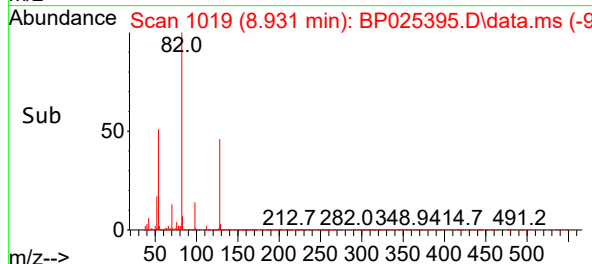
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



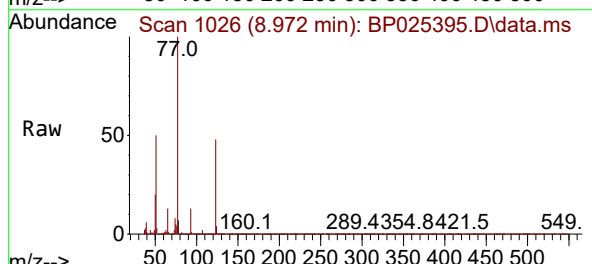
Tgt Ion: 82 Resp: 47393
Ion Ratio Lower Upper
82 100
128 46.3 37.7 56.5
54 50.8 39.8 59.6

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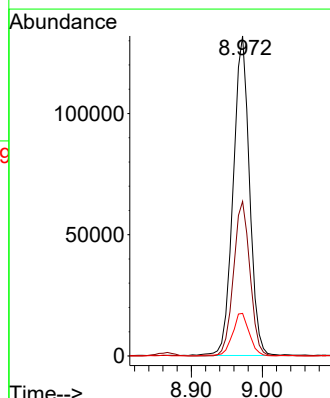
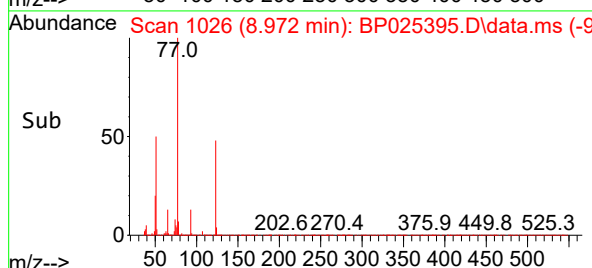
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

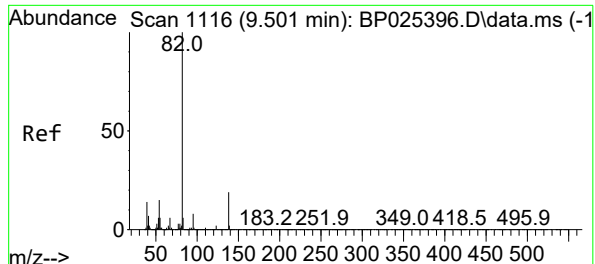


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



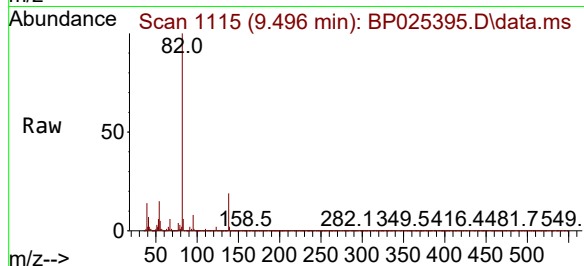
Tgt Ion: 77 Resp: 210234
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 13.3 10.6 15.8





#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

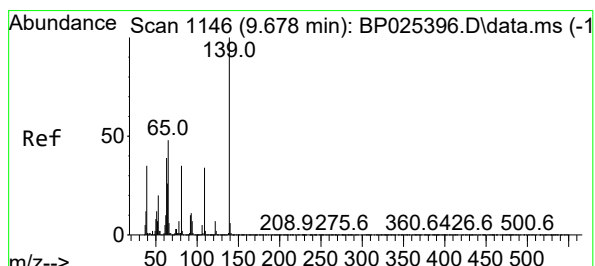
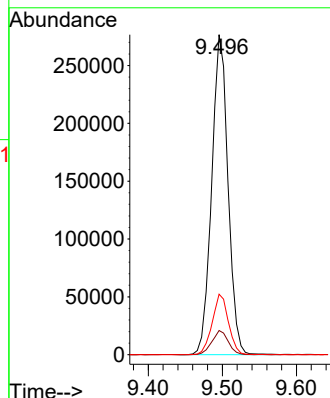
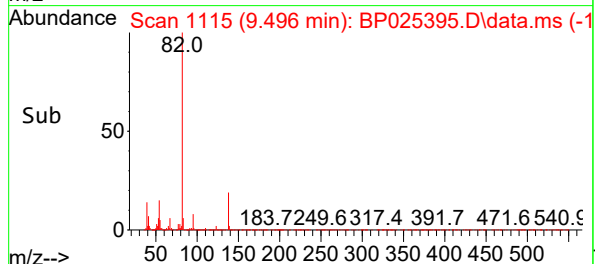
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 422370
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.9 15.4 23.0

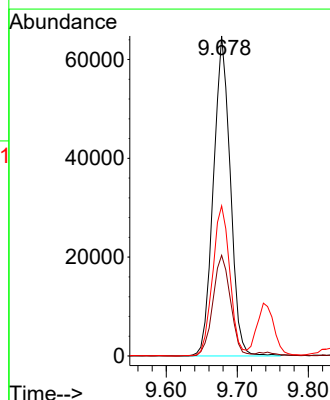
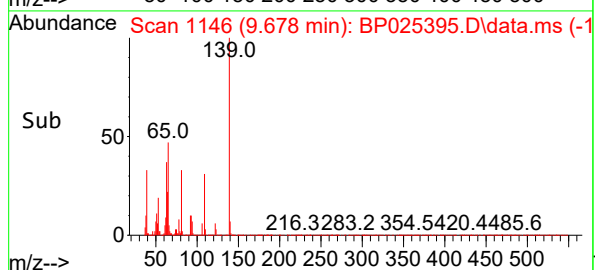
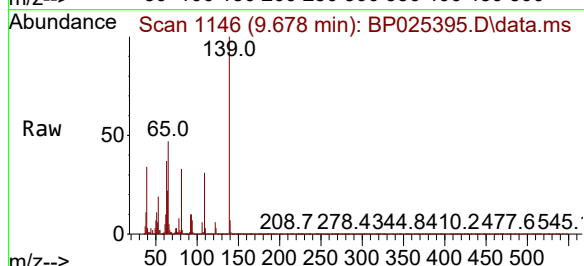
Manual Integrations
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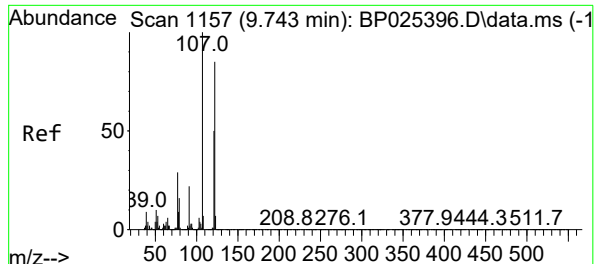
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 106805
Ion Ratio Lower Upper
139 100
109 31.5 26.9 40.3
65 46.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 18.963 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 178534

Ion Ratio Lower Upper

122 100

107 116.5 93.7 140.5

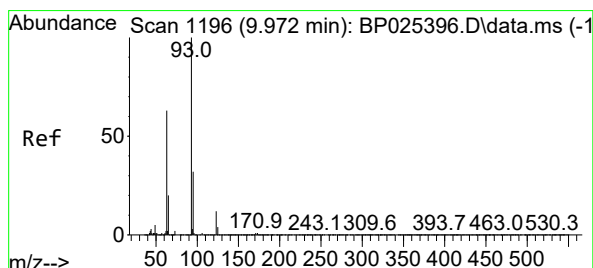
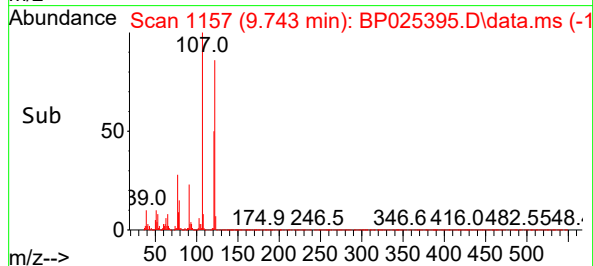
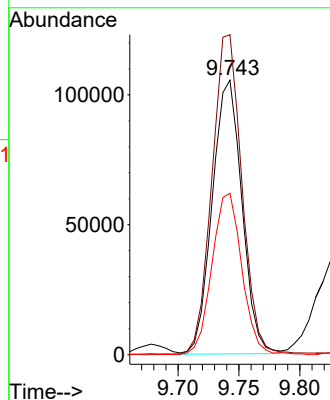
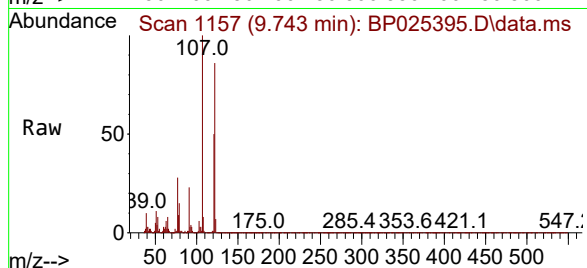
121 58.8 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.100 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

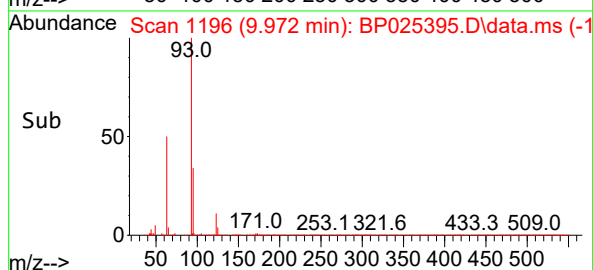
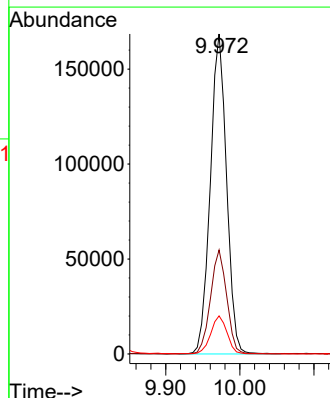
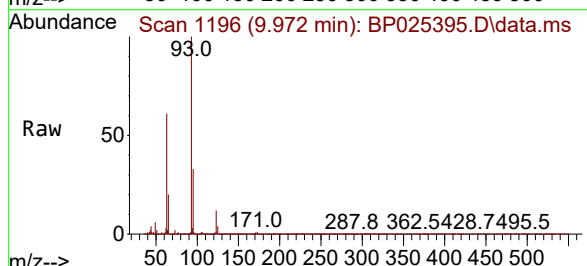
Tgt Ion: 93 Resp: 256656

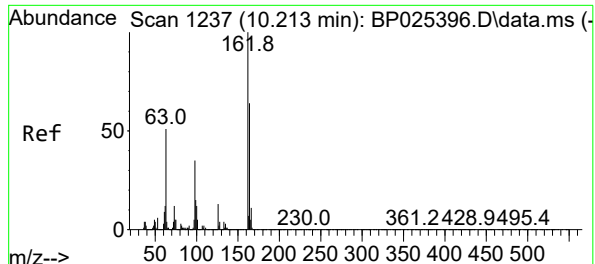
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 19.896 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 186070

Ion Ratio Lower Upper

162 100

164 64.9 44.4 84.4

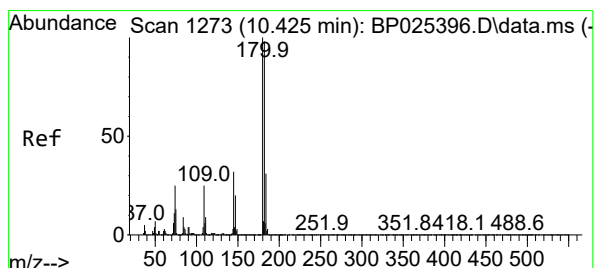
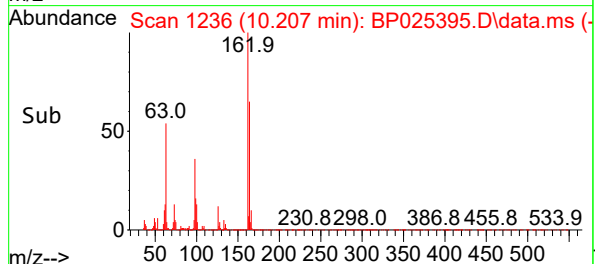
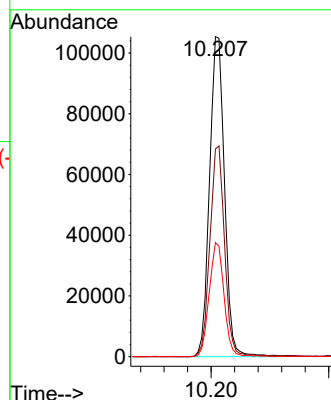
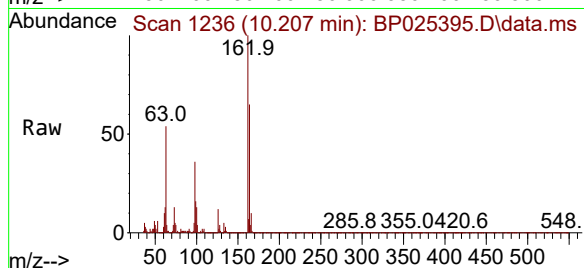
98 35.7 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.702 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

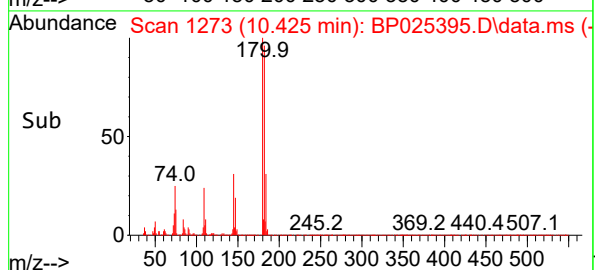
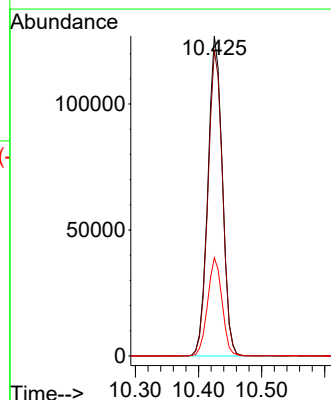
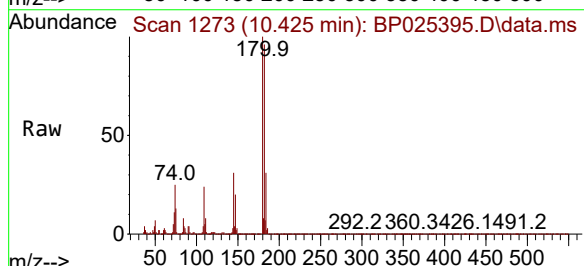
Tgt Ion:180 Resp: 201995

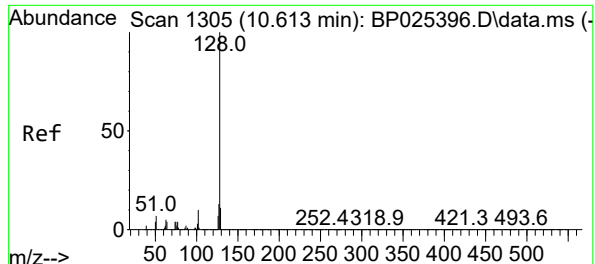
Ion Ratio Lower Upper

180 100

182 95.6 78.0 117.0

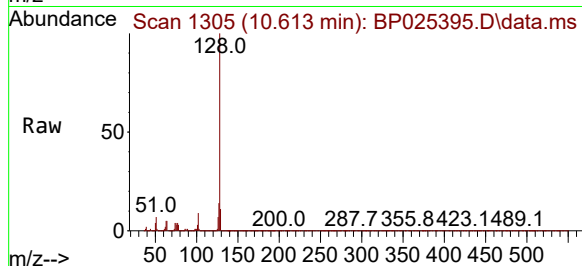
145 30.7 25.9 38.9





#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

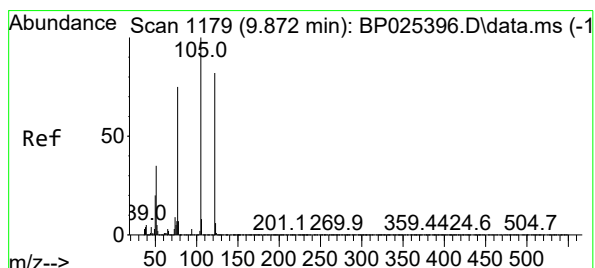
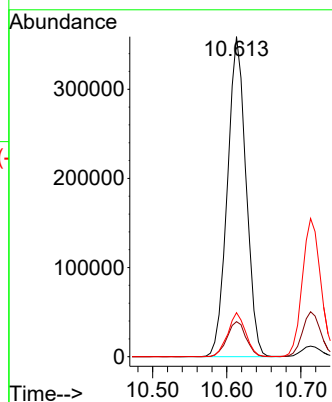
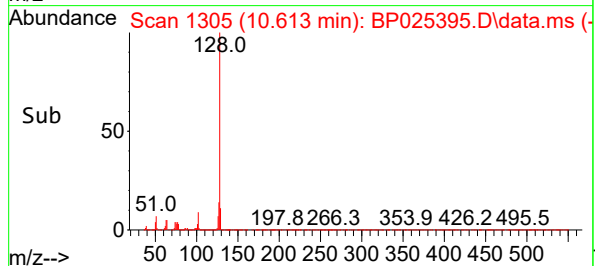
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 625899
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.7 10.7 16.1

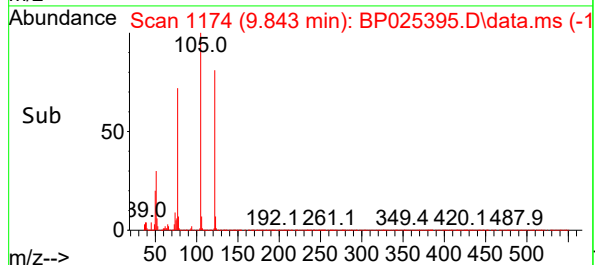
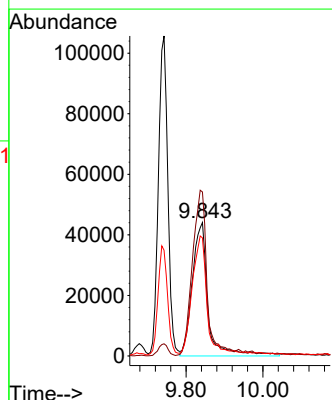
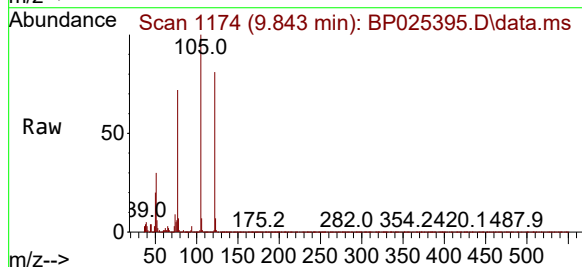
Manual Integrations
APPROVED

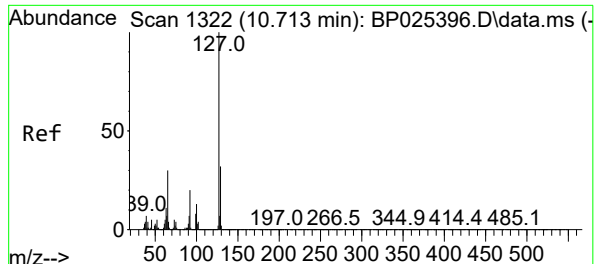
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

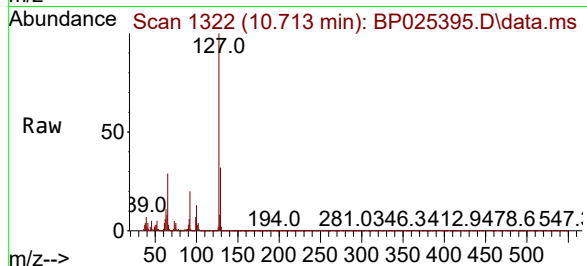
Tgt Ion:122 Resp: 124836
Ion Ratio Lower Upper
122 100
105 122.9 100.6 140.6
77 88.5 71.5 111.5





#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

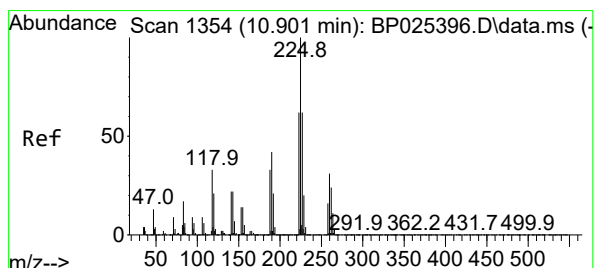
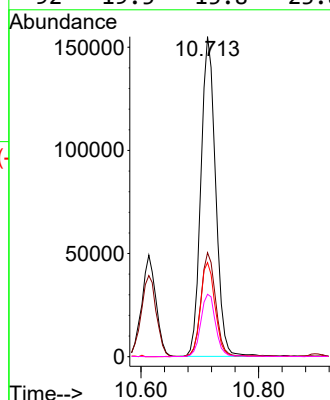
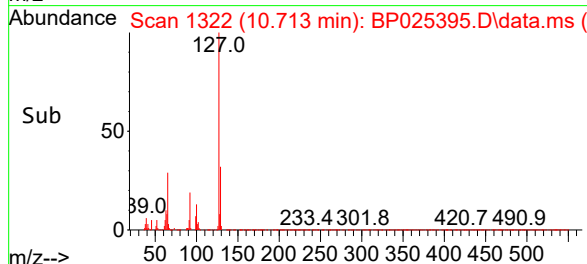
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 270158
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2
65 29.4 23.8 35.6
92 19.5 15.8 23.8

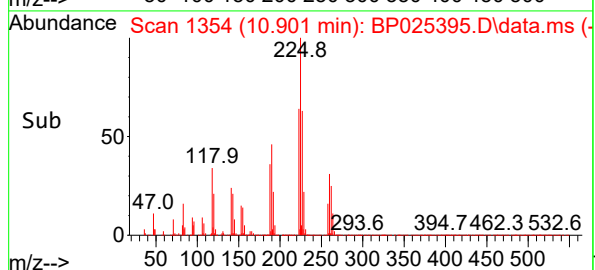
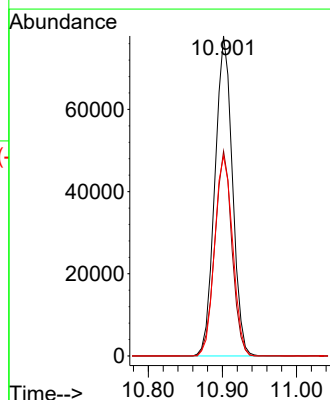
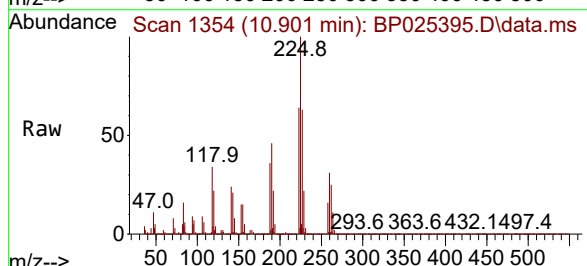
Manual Integrations
APPROVED

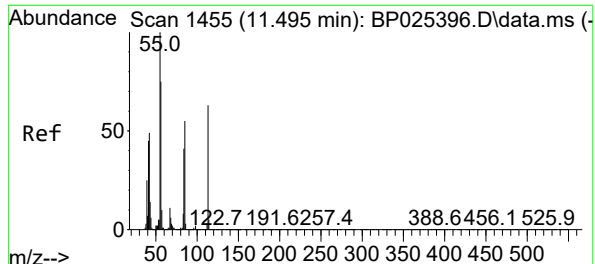
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

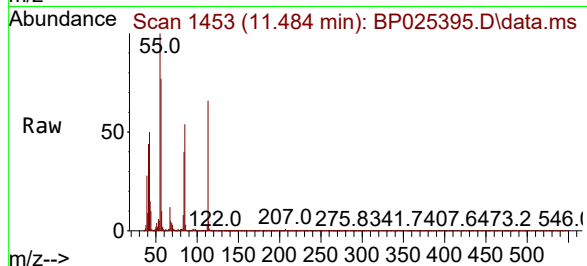
Tgt Ion:225 Resp: 127593
Ion Ratio Lower Upper
225 100
223 64.0 50.0 75.0
227 62.5 49.7 74.5





#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

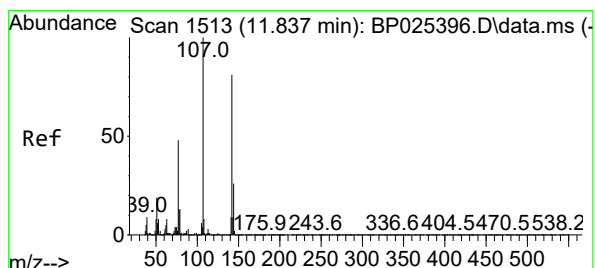
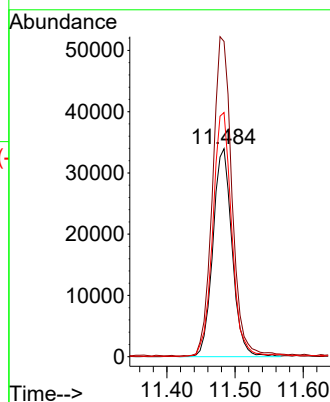
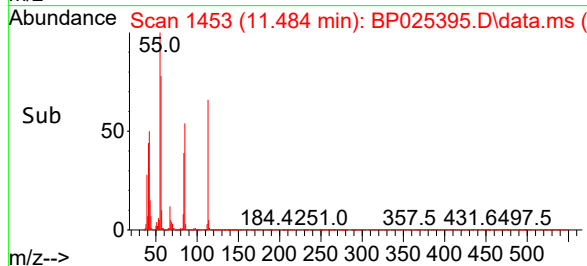
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 66168
Ion Ratio Lower Upper
113 100
55 151.5 140.0 180.0
56 117.4 100.0 140.0

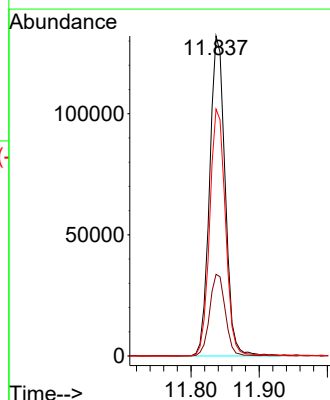
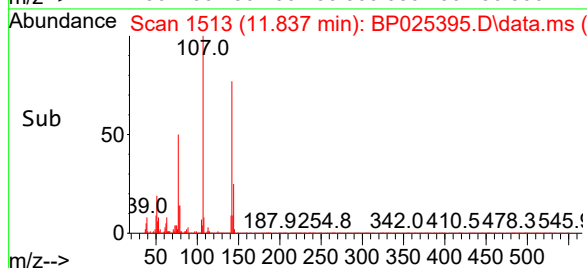
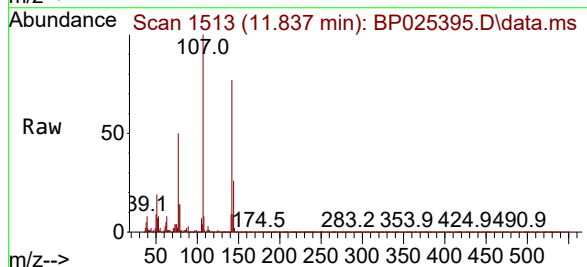
Manual Integrations
APPROVED

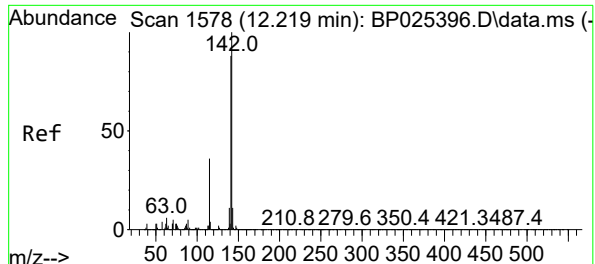
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 77.1 64.6 97.0





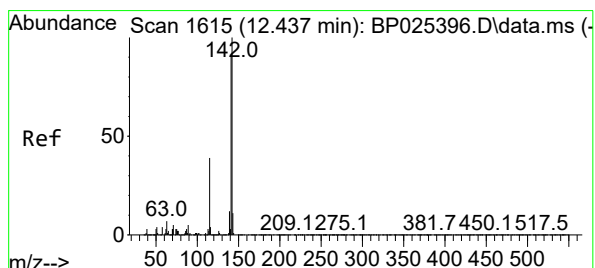
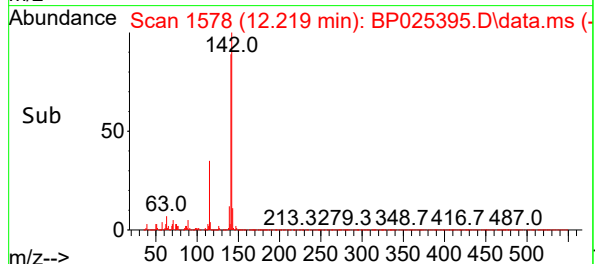
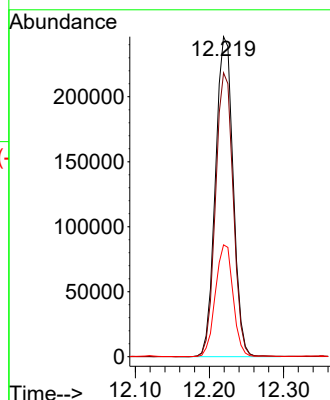
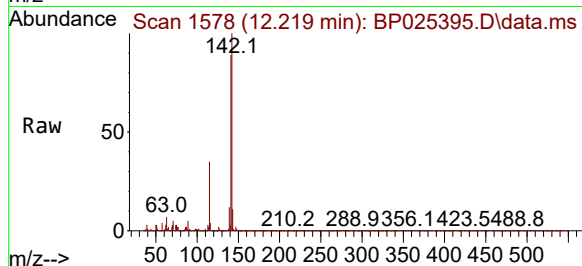
#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 409611
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 35.0 28.9 43.3

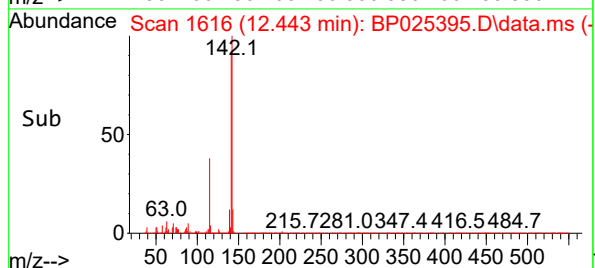
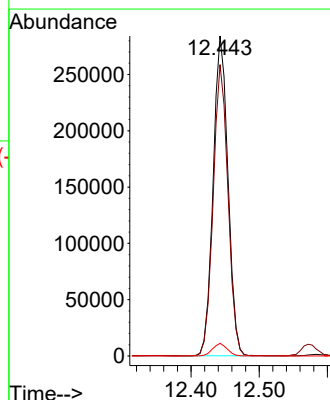
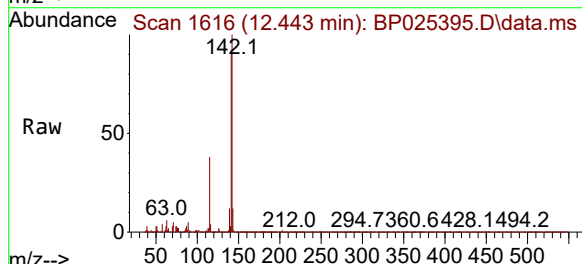
Manual Integrations
APPROVED

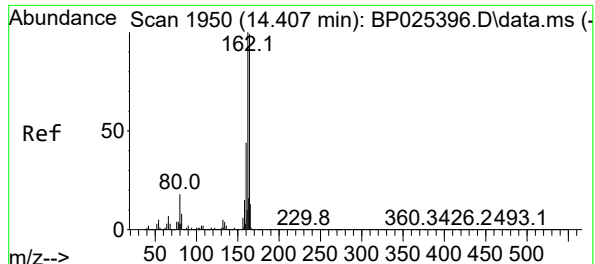
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 430666
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.413 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

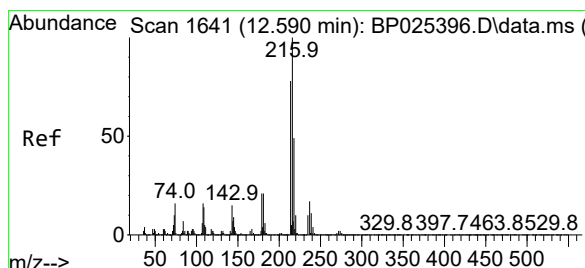
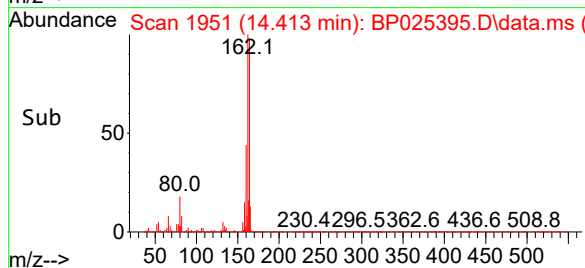
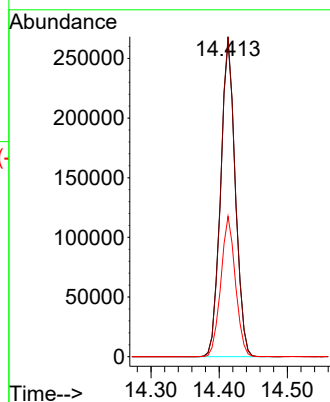
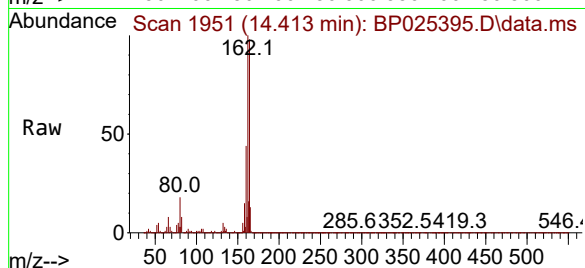
Tgt Ion:164	Resp: 399034
Ion Ratio	Lower Upper
164 100	
162 101.6	81.0 121.6
160 44.6	35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.263 ng

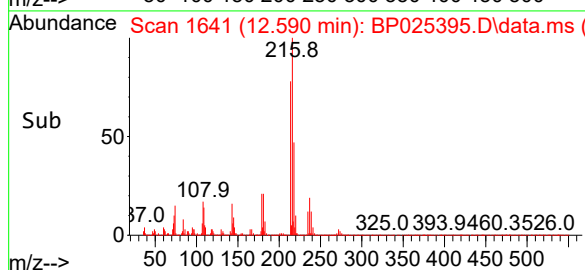
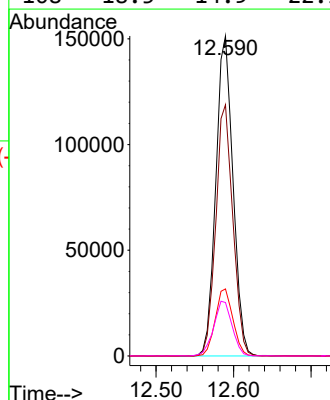
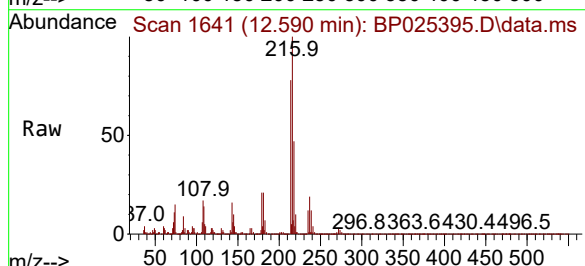
RT: 12.590 min Scan# 1641

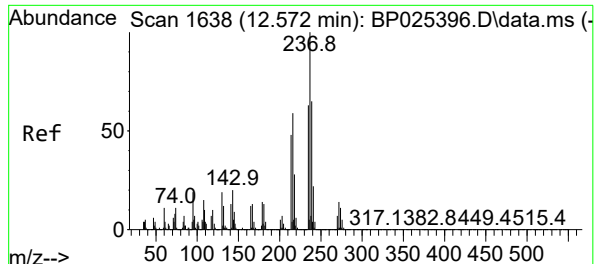
Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

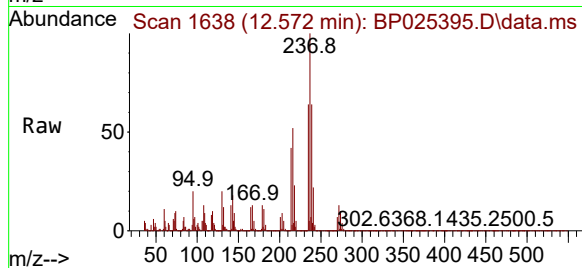
Tgt	Ion:216	Resp:	233523
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	17.1	25.7
108	18.5	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

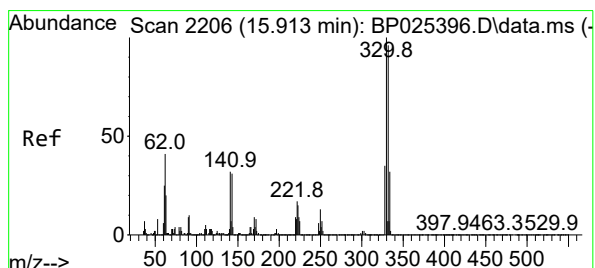
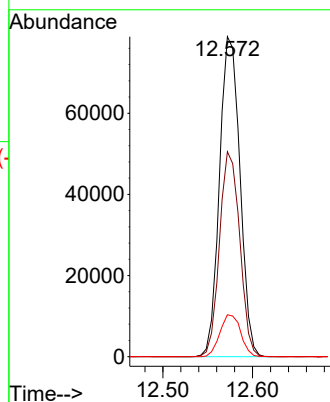
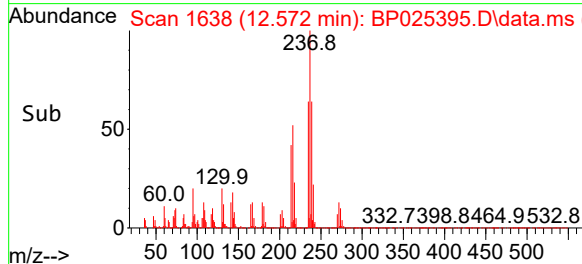
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 124759
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 13.1 0.0 34.0

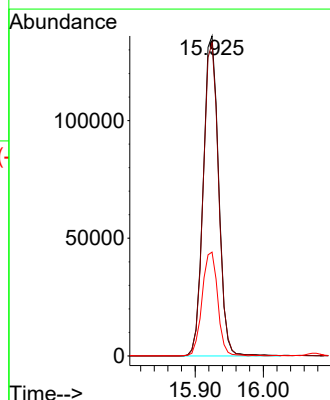
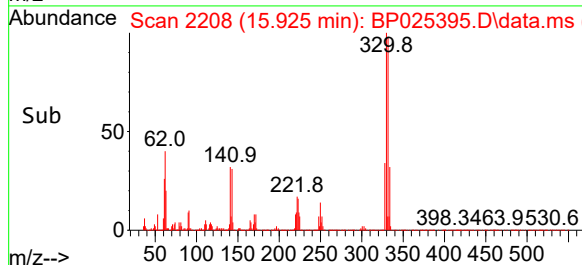
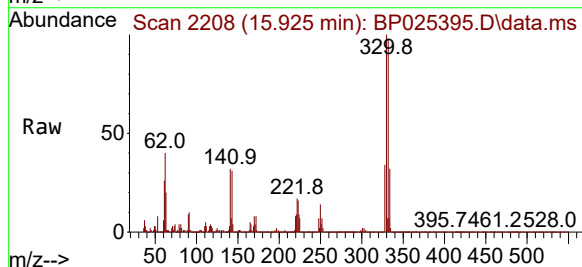
Manual Integrations
APPROVED

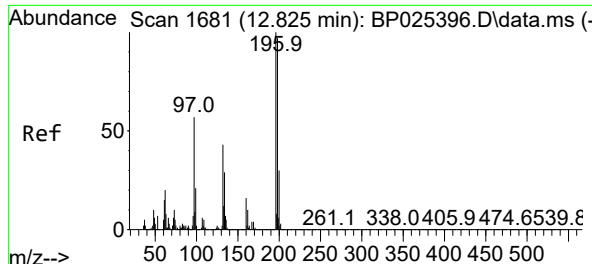
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

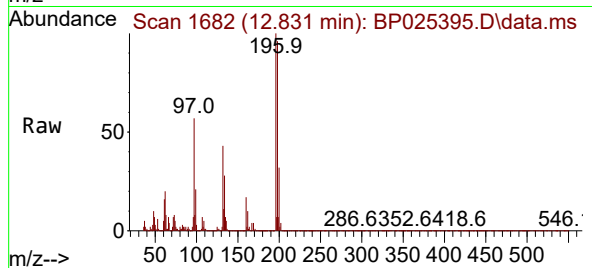
Tgt Ion: 330 Resp: 212968
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 32.8 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

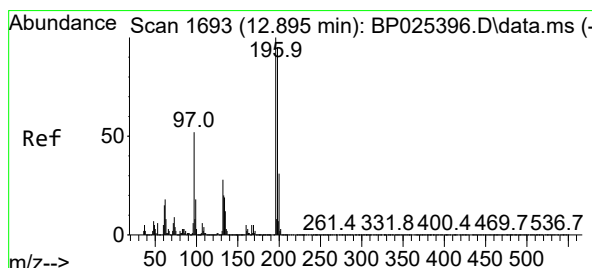
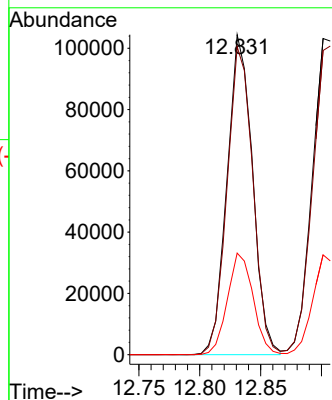
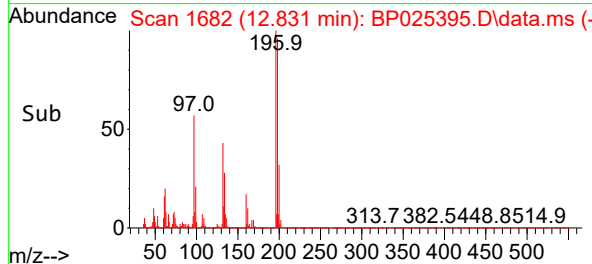
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 15203
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
200 31.8 23.9 35.9

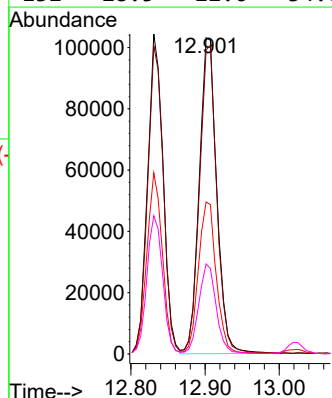
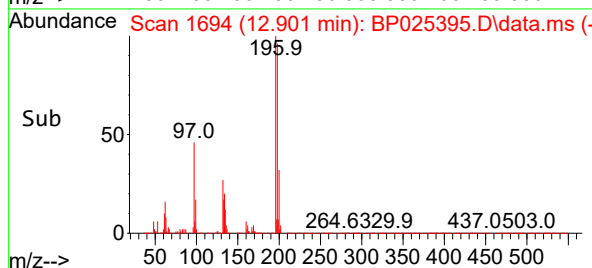
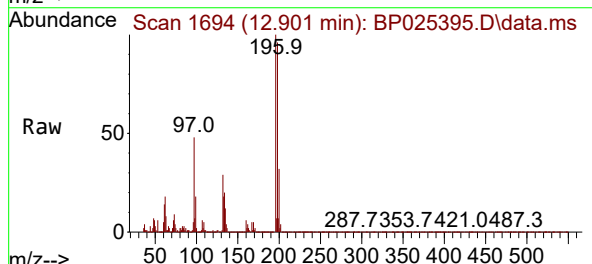
Manual Integrations
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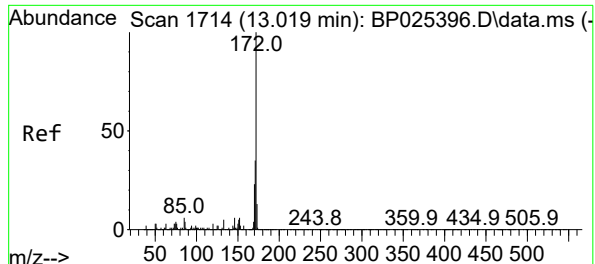
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

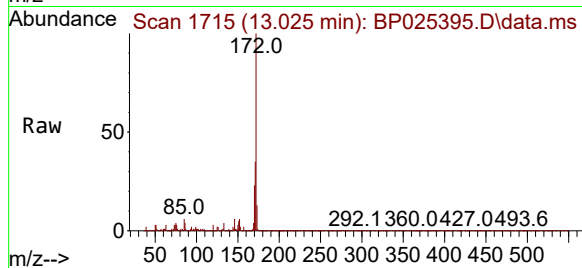
Tgt Ion:196 Resp: 169197
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
97 48.1 41.2 61.8
132 28.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

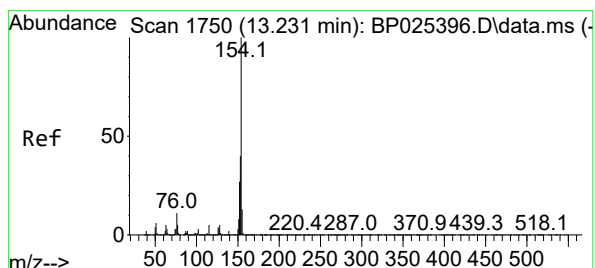
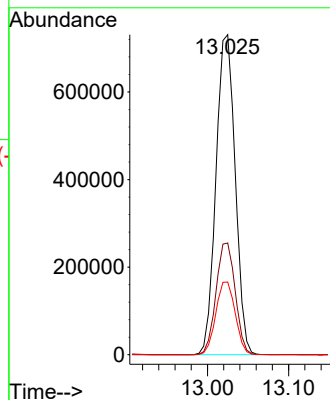
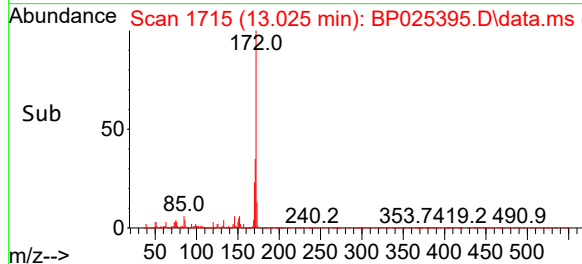
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1203064
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.7 18.6 28.0

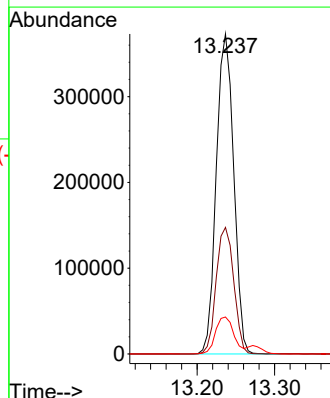
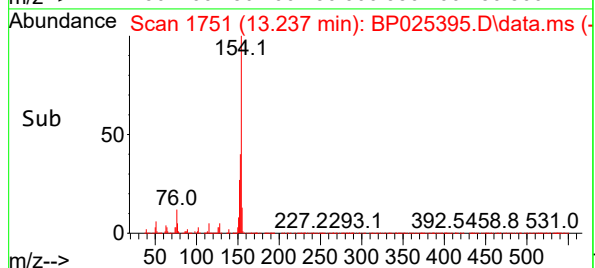
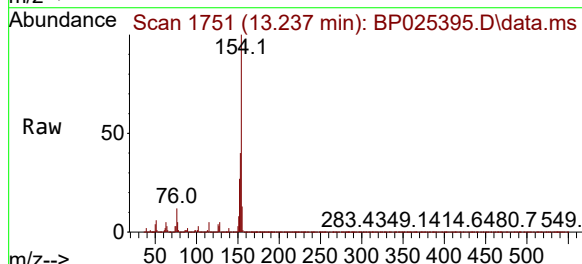
Manual Integrations
APPROVED

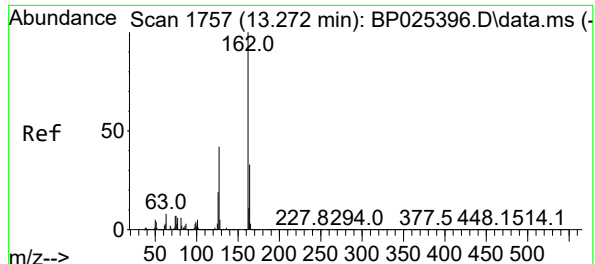
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

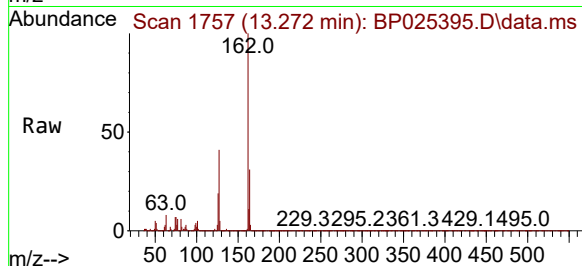
Tgt Ion:154 Resp: 581464
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.5 0.0 31.1





#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

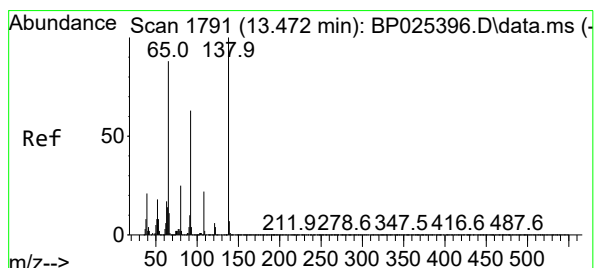
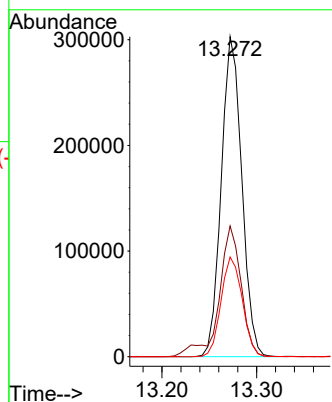
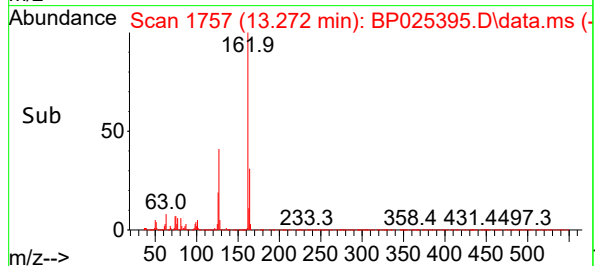
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



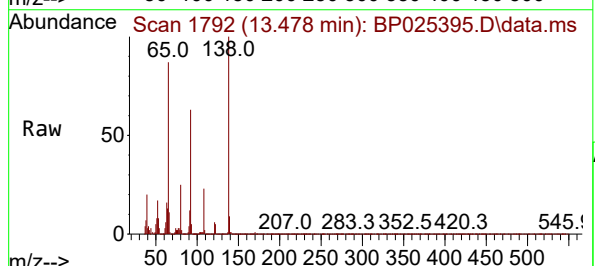
Tgt Ion: 162 Resp: 456552
Ion Ratio Lower Upper
162 100
127 40.9 33.4 50.2
164 31.2 26.2 39.2

Manual Integrations
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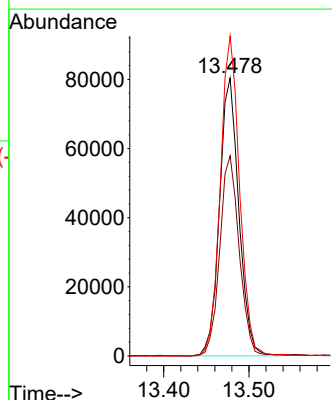
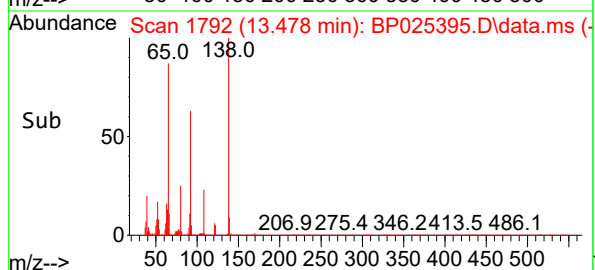
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

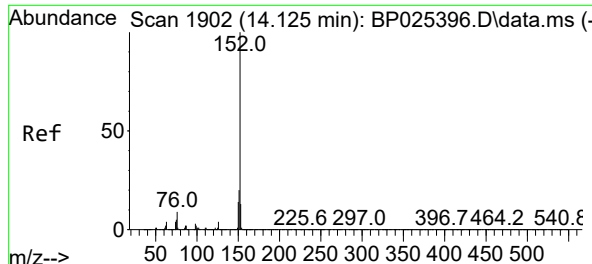


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion: 65 Resp: 126433
Ion Ratio Lower Upper
65 100
92 72.0 57.6 86.4
138 115.1 91.0 136.6





#49

Acenaphthylene

Concen: 19.756 ng

RT: 14.137 min Scan# 1904

Delta R.T. 0.012 min

Lab File: BP025395.D

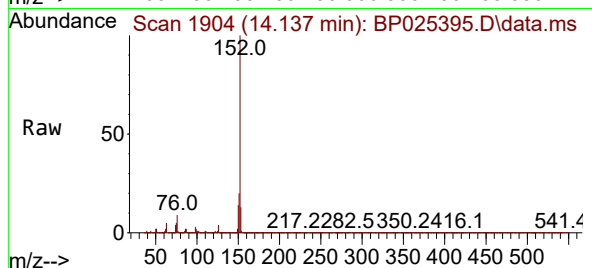
Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 73752

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

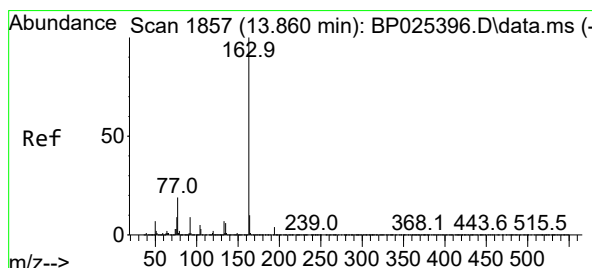
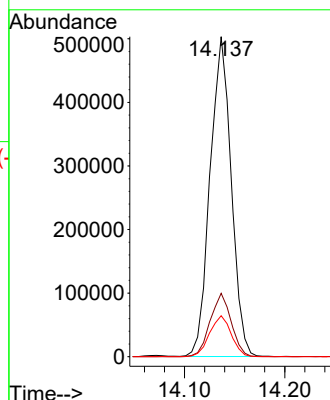
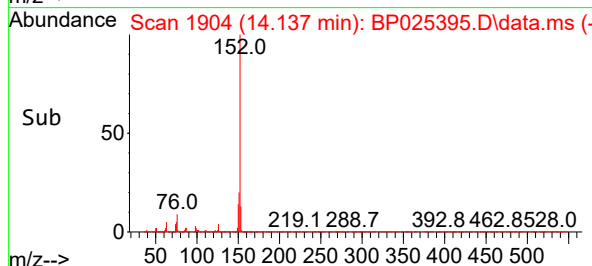
153 12.8 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

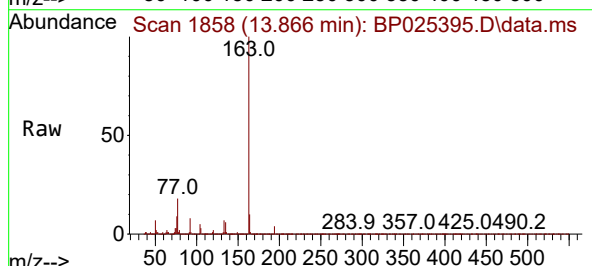
Concen: 19.632 ng

RT: 13.866 min Scan# 1858

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38



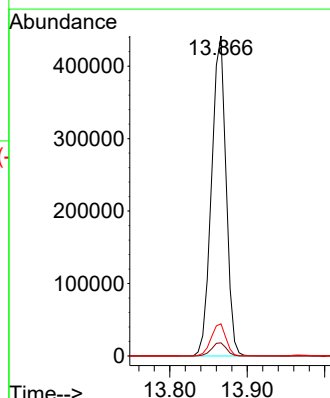
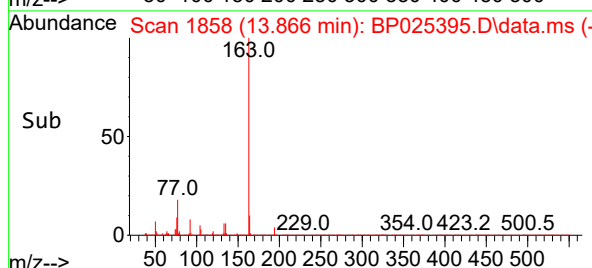
Tgt Ion:163 Resp: 573661

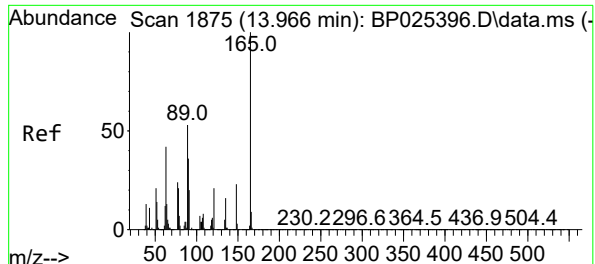
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

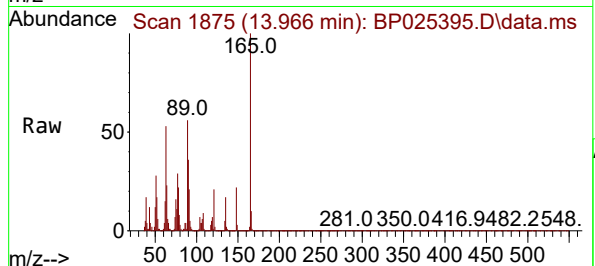
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 19.597 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

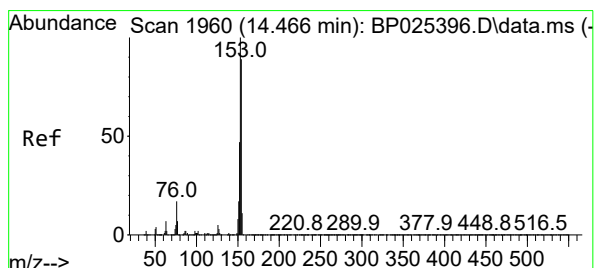
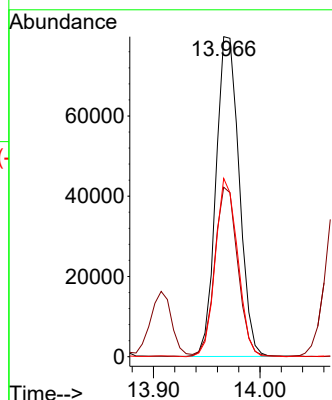
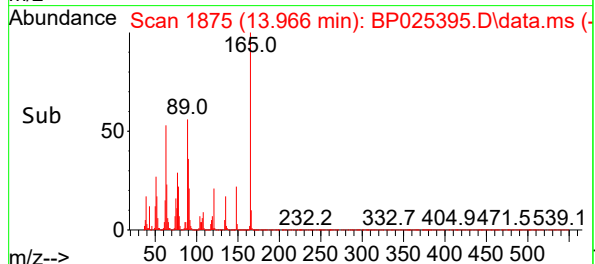
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 12069
Ion Ratio Lower Upper
165 100
63 52.9 40.9 61.3
89 55.7 42.1 63.1

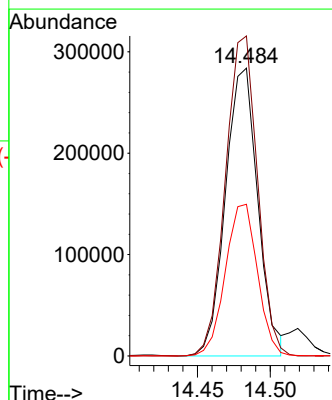
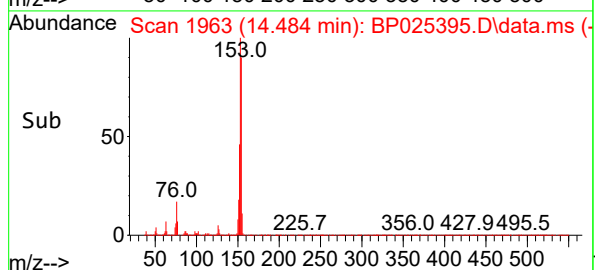
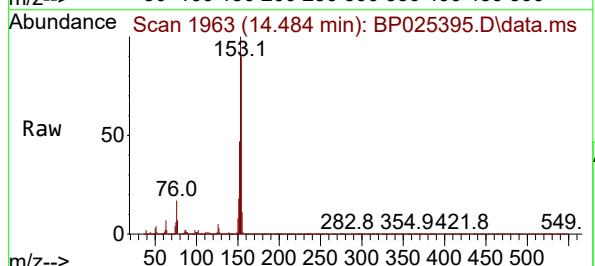
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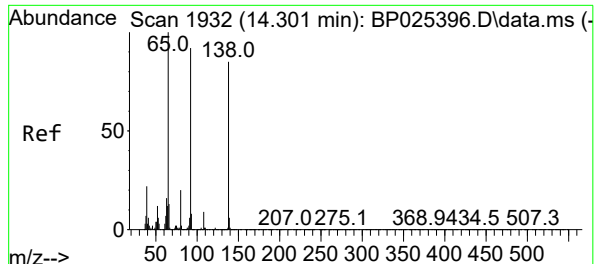
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

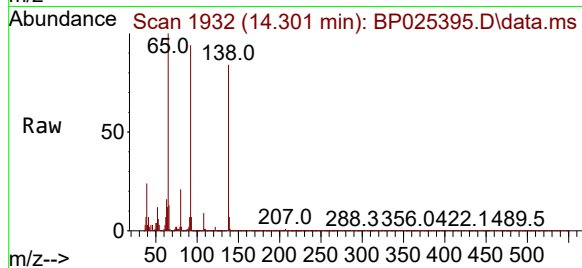
Tgt Ion:154 Resp: 438852
Ion Ratio Lower Upper
154 100
153 111.2 90.2 135.2
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

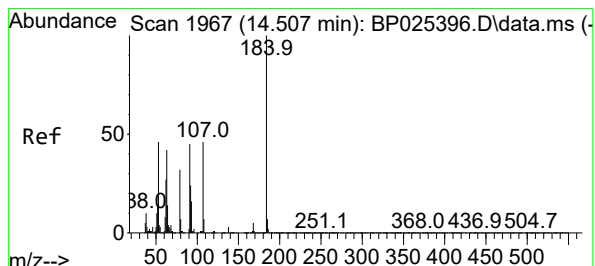
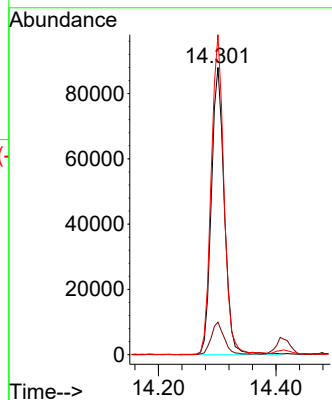
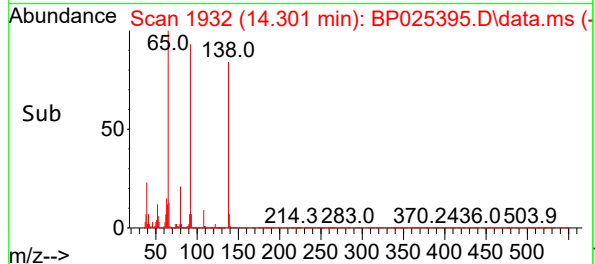
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 134502
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 111.4 86.2 129.2

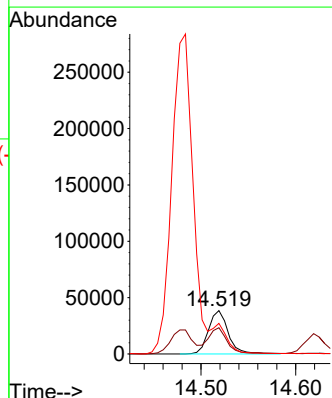
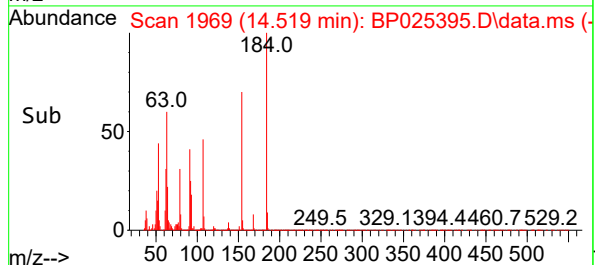
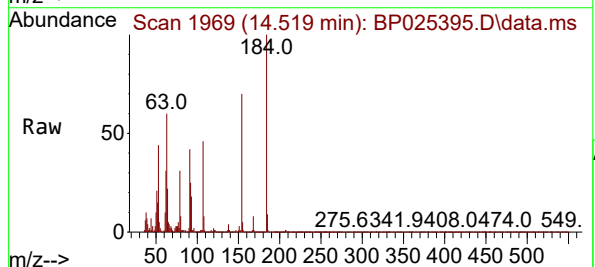
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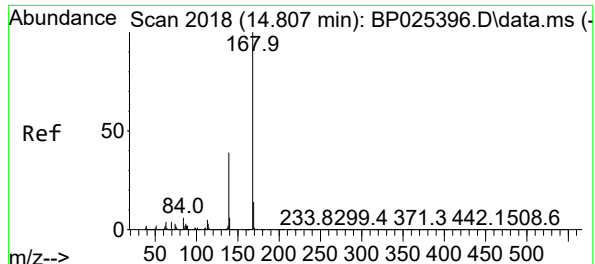
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713
Ion Ratio Lower Upper
184 100
63 60.4 49.4 74.2
154 70.4 54.6 82.0





#55

Dibenzenofuran

Concen: 20.002 ng

RT: 14.819 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 692960

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3

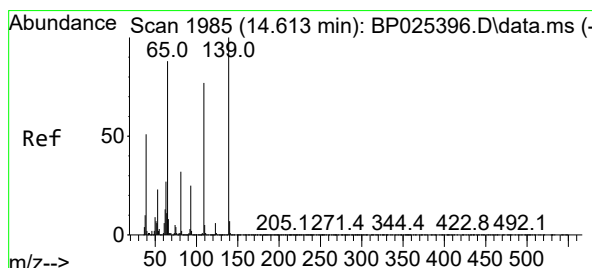
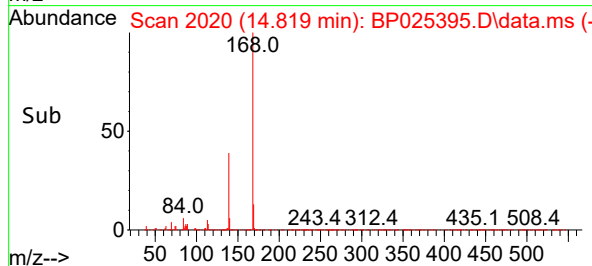
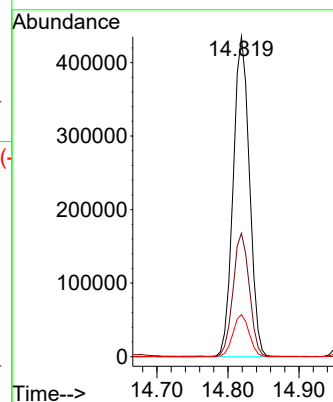
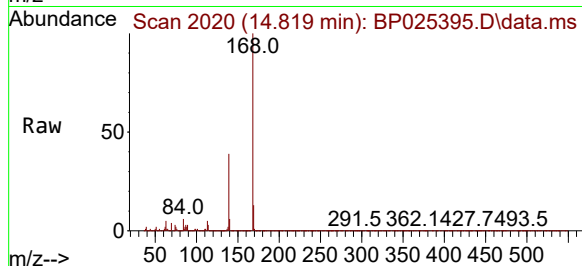
169 13.1 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 18.578 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

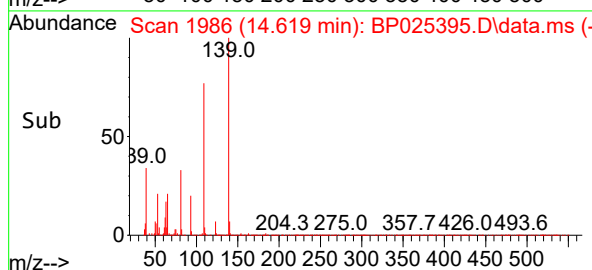
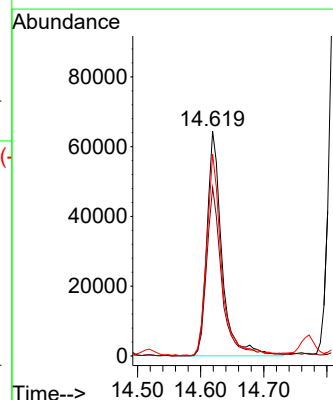
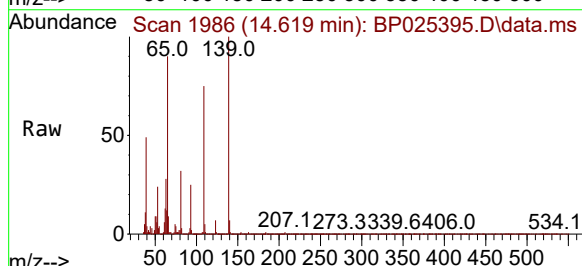
Tgt Ion:139 Resp: 105787

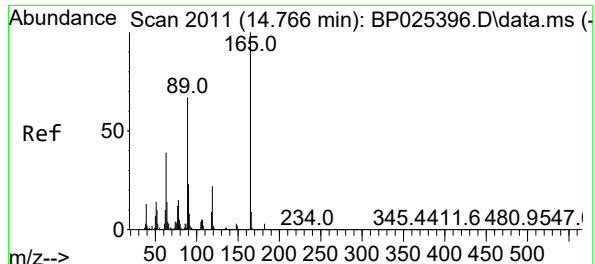
Ion Ratio Lower Upper

139 100

109 75.0 56.6 96.6

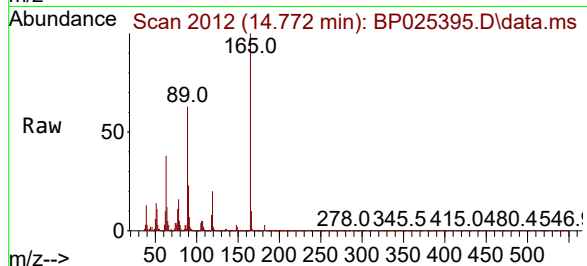
65 89.8 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

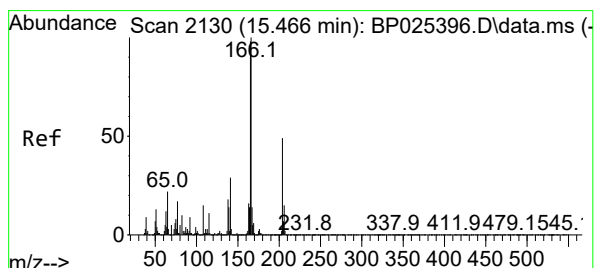
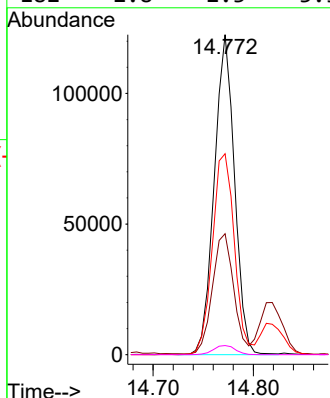
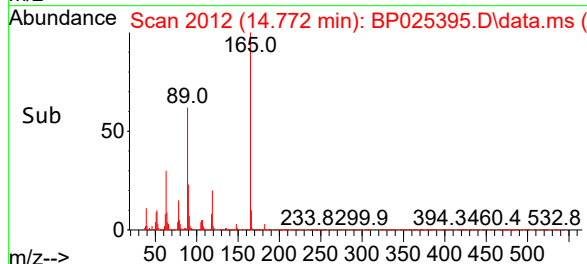
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 172020
Ion Ratio Lower Upper
165 100
63 37.8 31.4 47.2
89 62.8 53.3 79.9
182 2.8 2.3 3.5

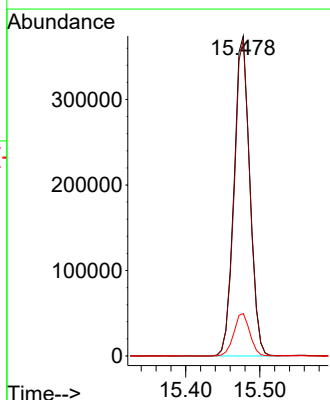
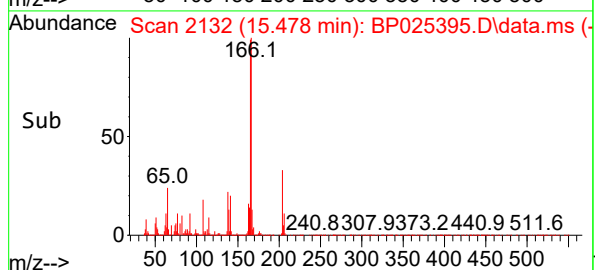
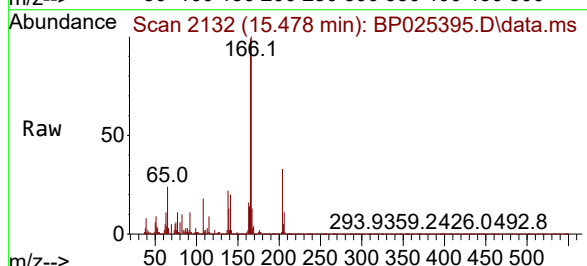
Manual Integrations
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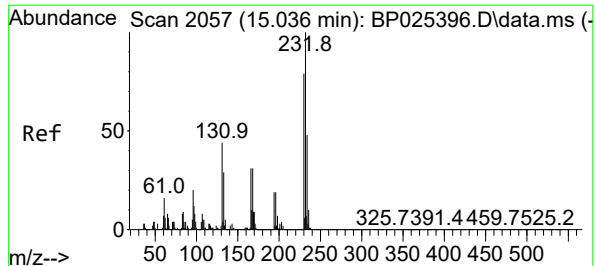
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:166 Resp: 554647
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.381 ng

RT: 15.048 min Scan# 2057

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 145920

Ion Ratio Lower Upper

232 100

131 45.5 37.0 55.6

130 2.7 1.9 2.9

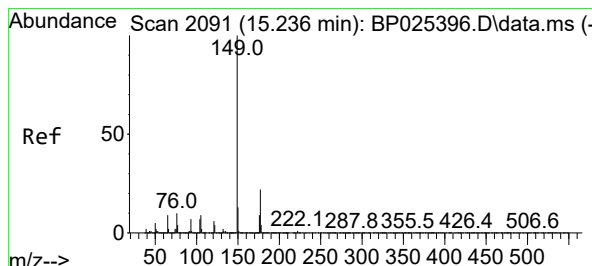
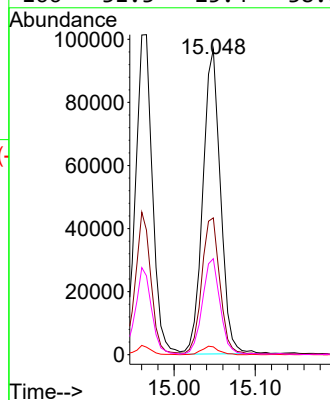
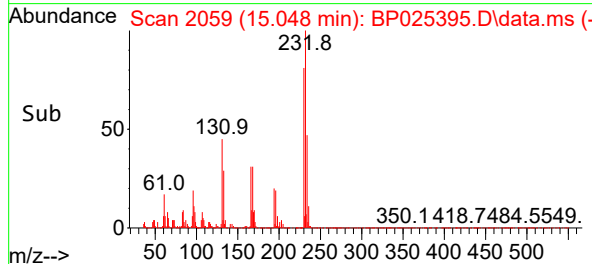
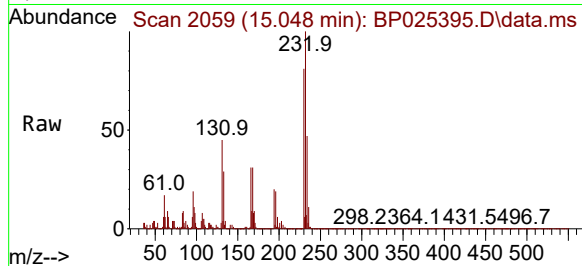
166 31.3 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 19.689 ng

RT: 15.248 min Scan# 2093

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

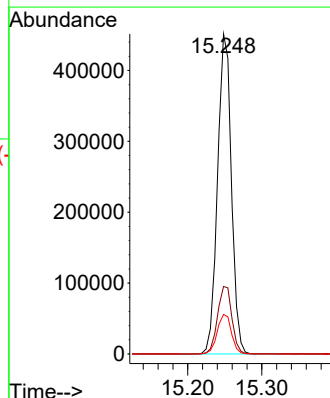
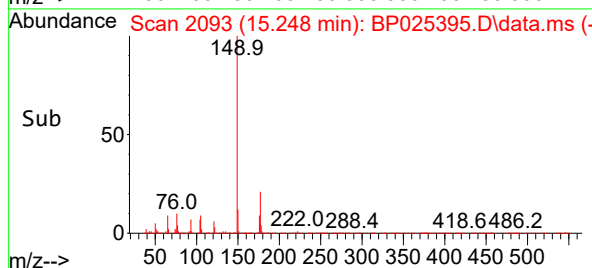
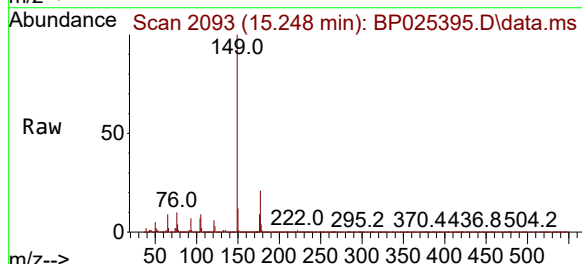
Tgt Ion:149 Resp: 584590

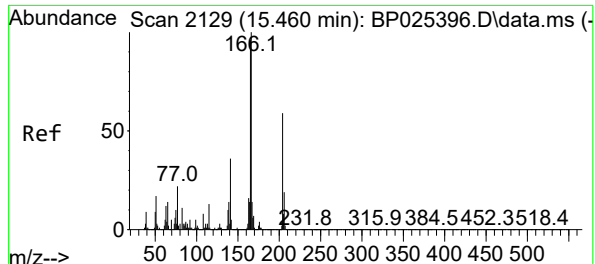
Ion Ratio Lower Upper

149 100

177 21.1 17.3 25.9

150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

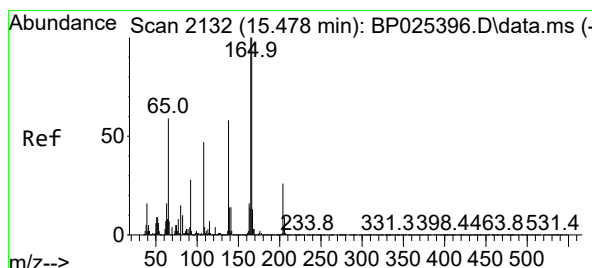
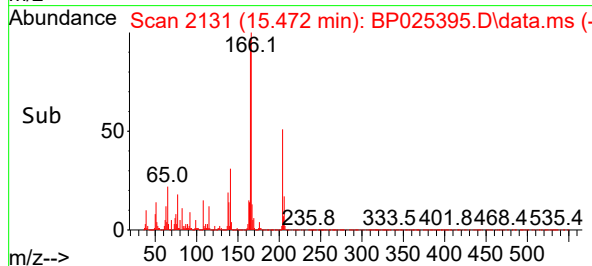
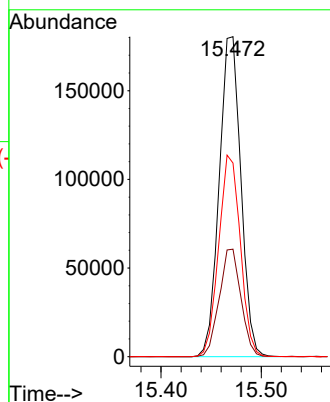
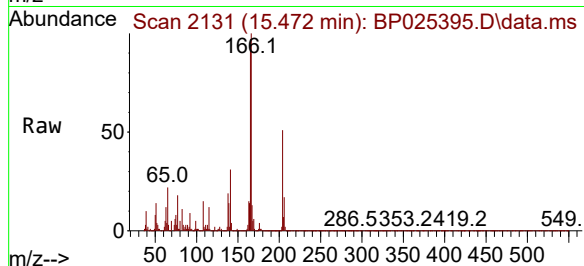
SSTDICC020

Tgt Ion:204 Resp: 270949
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 60.5 49.4 74.2

Manual Integrations

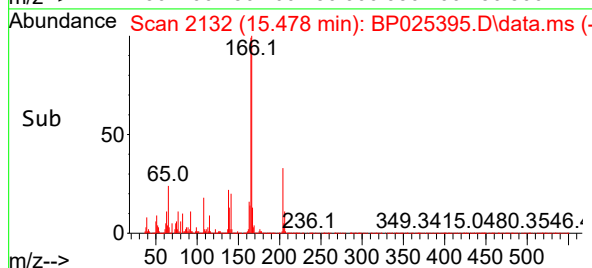
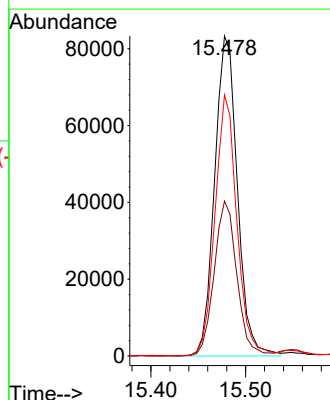
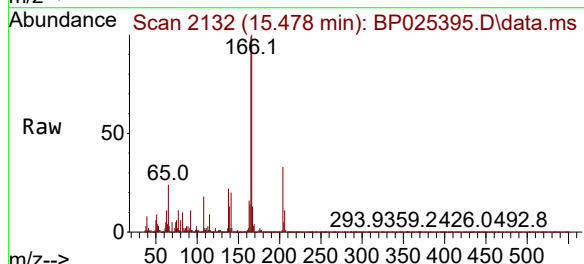
APPROVED

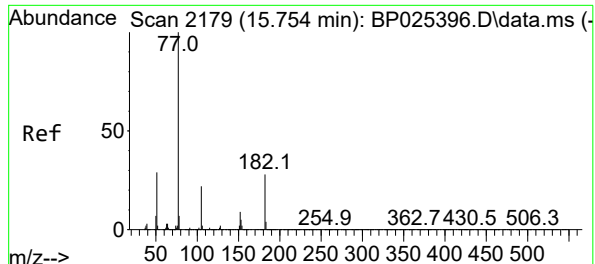
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

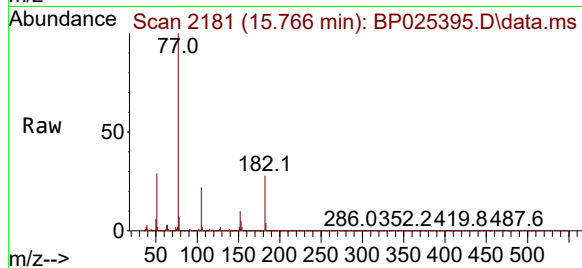
Tgt Ion:138 Resp: 139202
Ion Ratio Lower Upper
138 100
92 48.4 29.1 69.1
108 81.6 61.5 101.5





#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

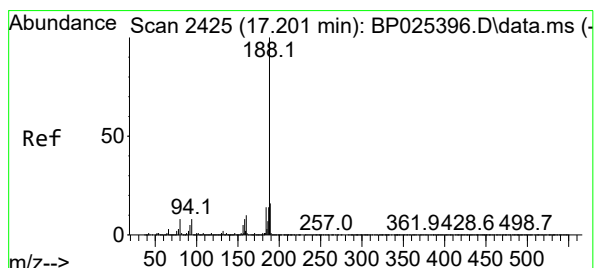
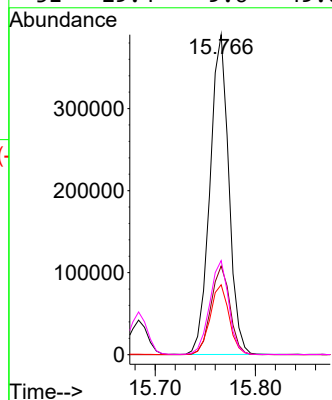
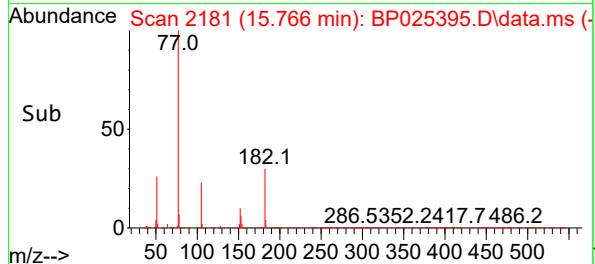
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 50856
Ion Ratio Lower Upper
77 100
182 27.7 7.5 47.5
105 21.9 2.1 42.1
51 29.4 9.6 49.6

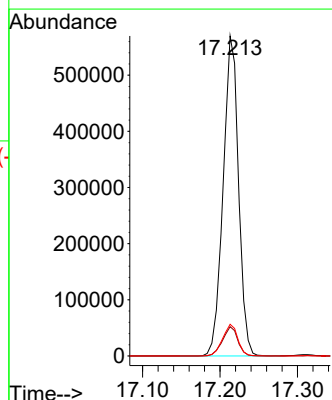
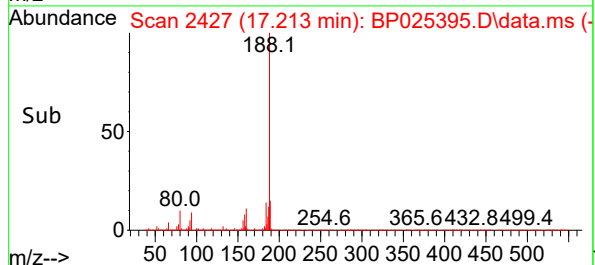
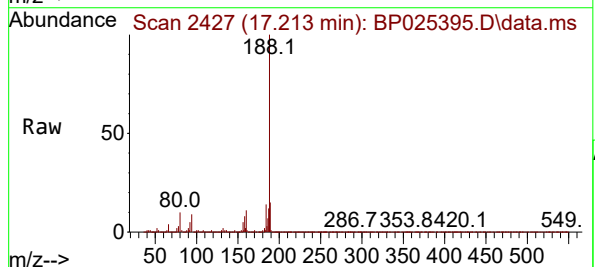
Manual Integrations
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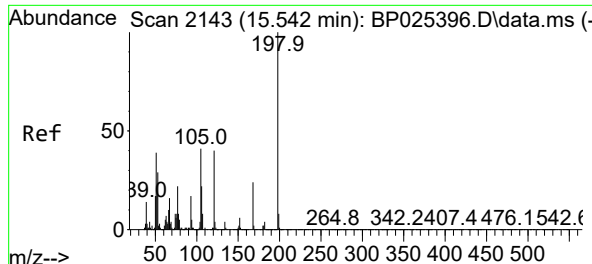
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

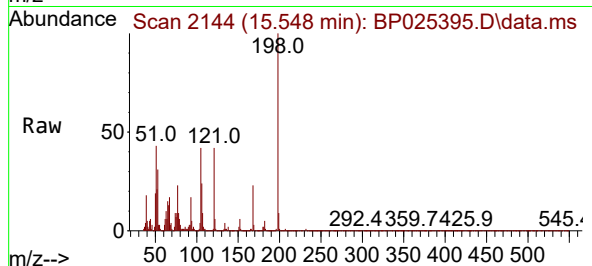
Tgt Ion:188 Resp: 785736
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.9 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

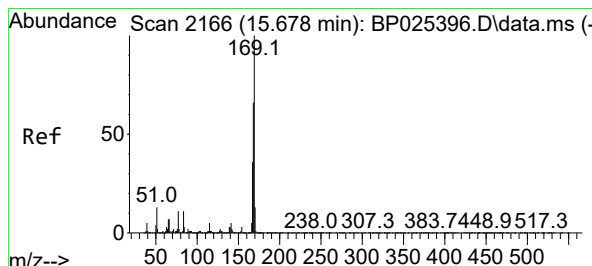
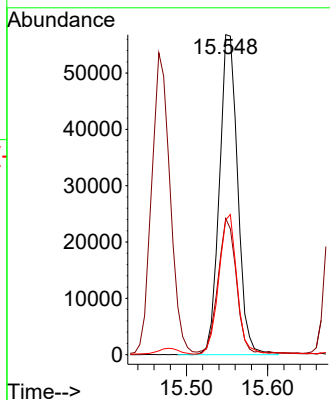
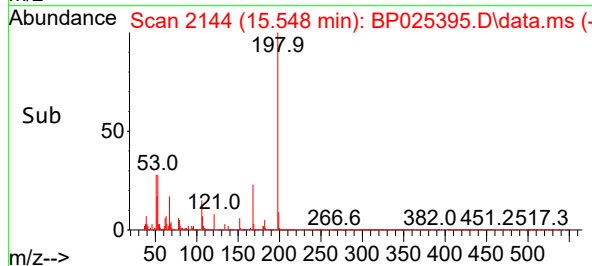
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 88992
Ion Ratio Lower Upper
198 100
51 42.6 19.6 59.6
105 42.2 20.9 60.9

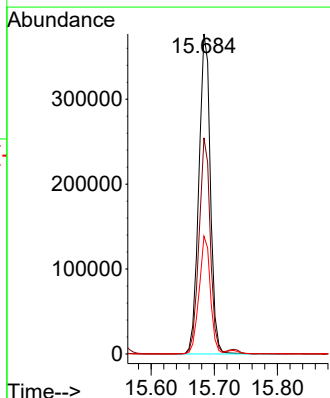
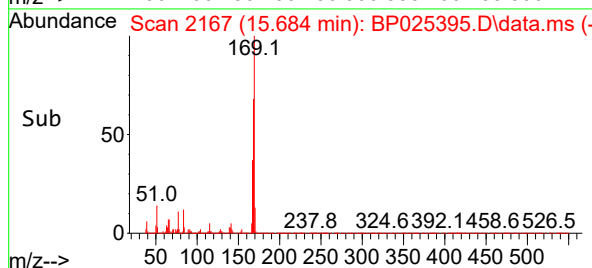
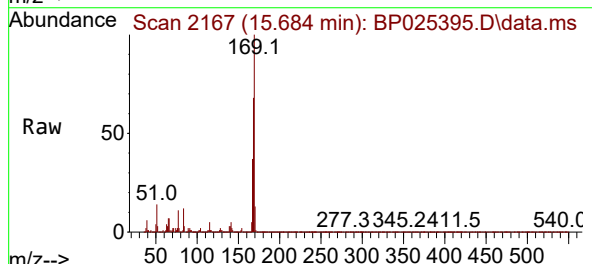
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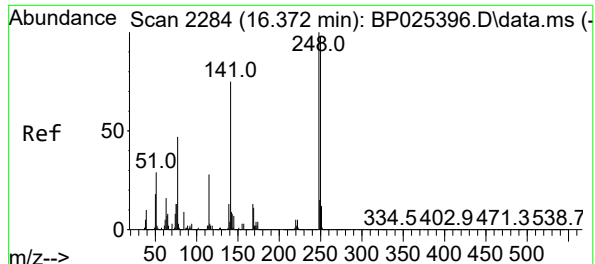
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.8 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 19.758 ng

RT: 16.389 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:248 Resp: 170738

Ion Ratio Lower Upper

248 100

250 101.4 78.2 117.2

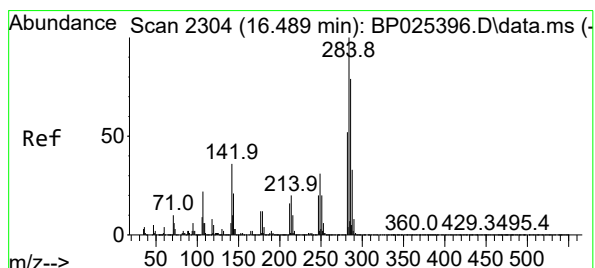
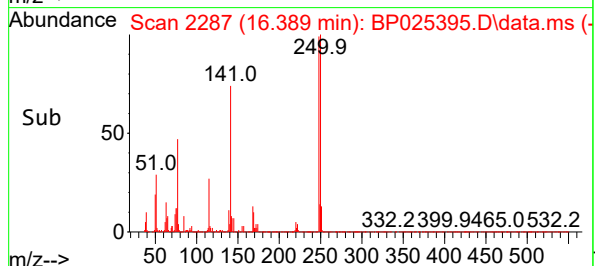
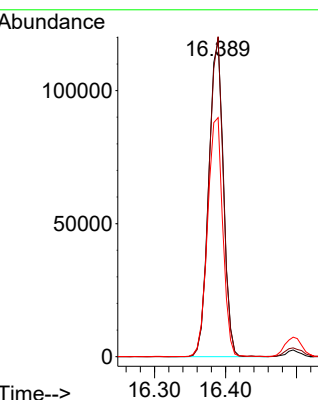
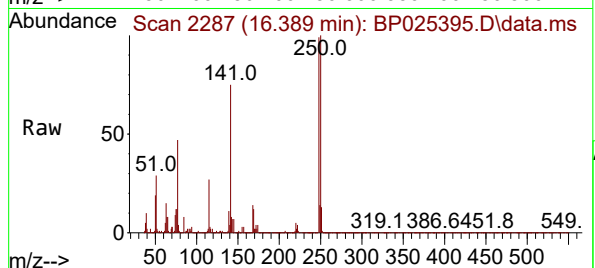
141 75.7 59.6 89.4

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 19.906 ng

RT: 16.495 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

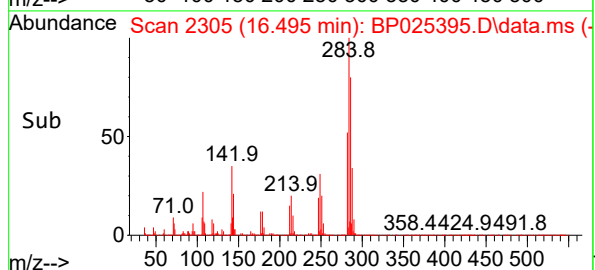
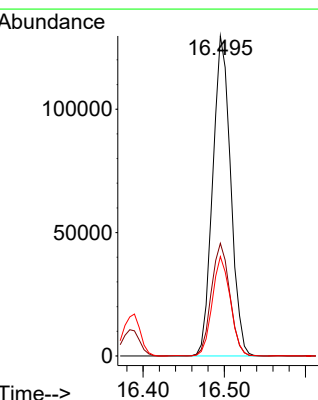
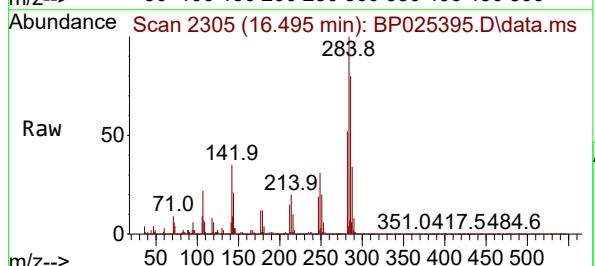
Tgt Ion:284 Resp: 199410

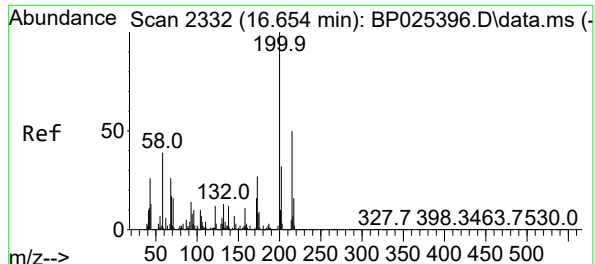
Ion Ratio Lower Upper

284 100

142 35.2 29.1 43.7

249 31.0 25.0 37.4





#69

Atrazine

Concen: 20.006 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 17951

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

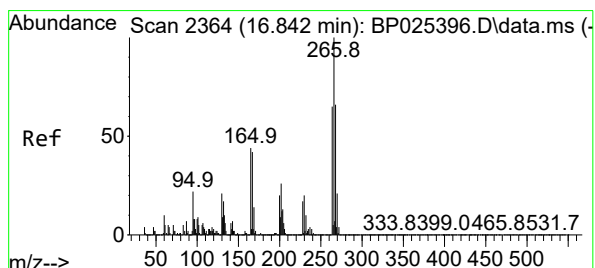
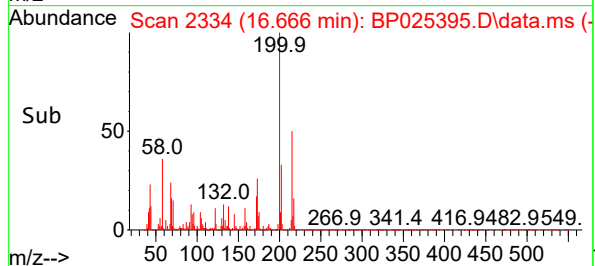
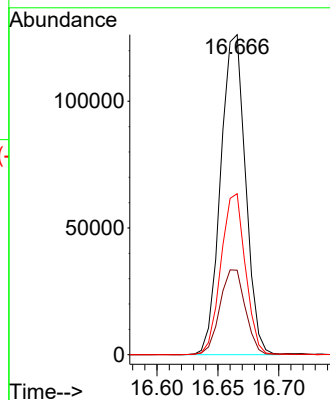
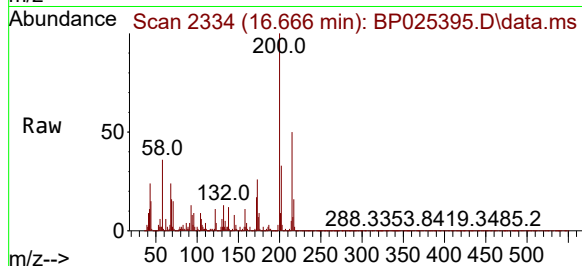
215 50.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 19.128 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

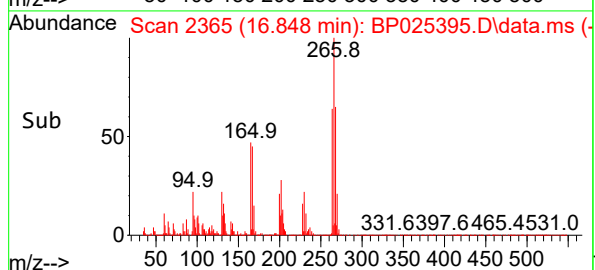
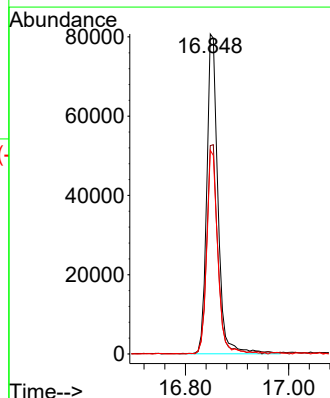
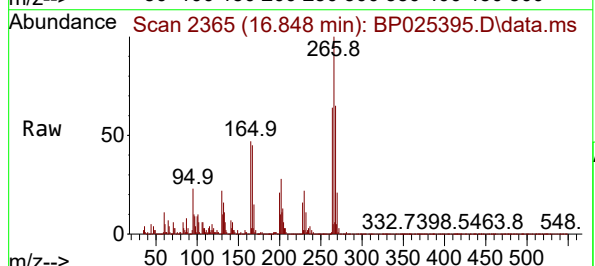
Tgt Ion:266 Resp: 120958

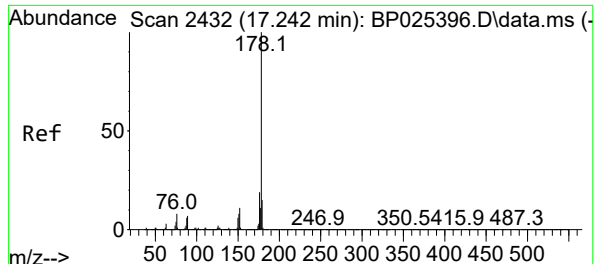
Ion Ratio Lower Upper

266 100

268 65.1 52.6 79.0

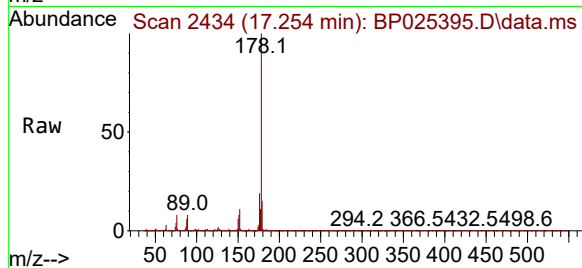
264 63.6 52.0 78.0





#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

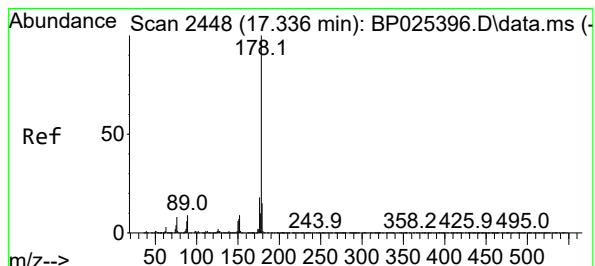
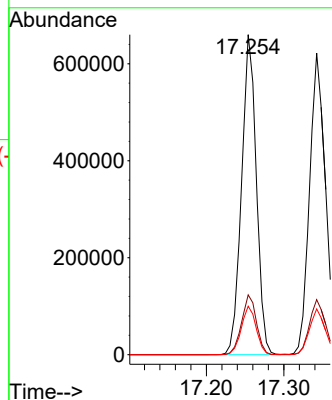
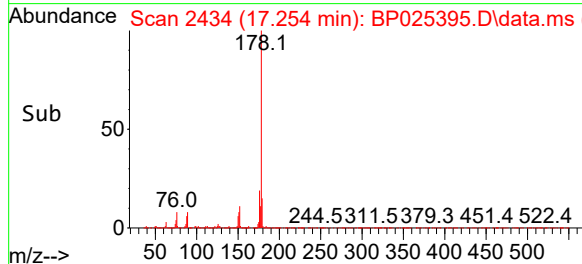
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 872890
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.2 12.2 18.4

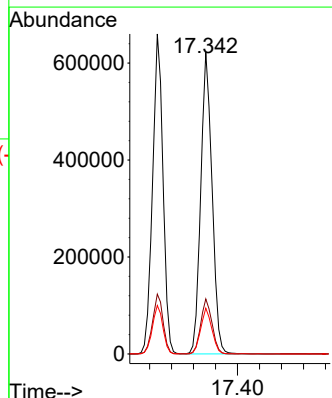
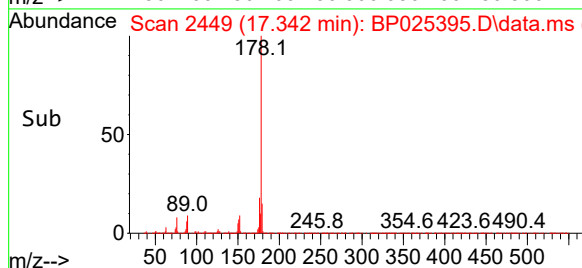
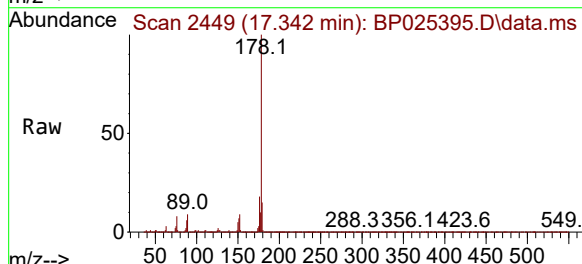
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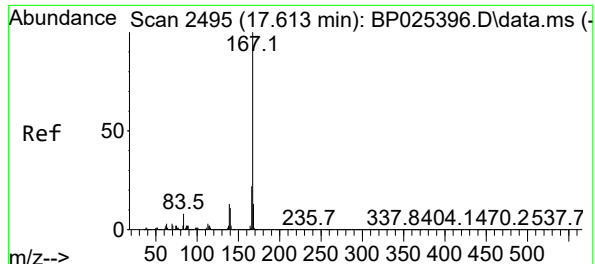
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

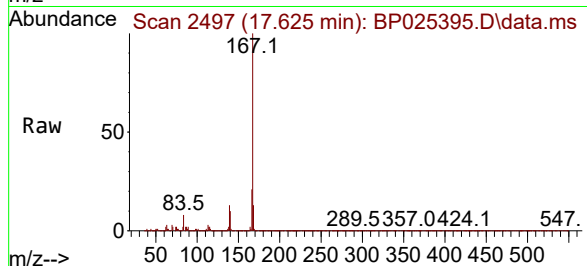
Tgt Ion:178 Resp: 890292
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 20.328 ng
 RT: 17.625 min Scan# 2497
 Delta R.T. 0.012 min
 Lab File: BP025395.D
 Acq: 14 Aug 2025 14:38

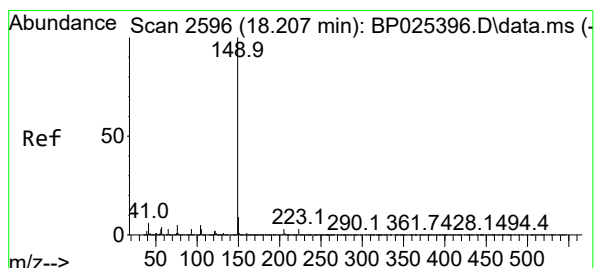
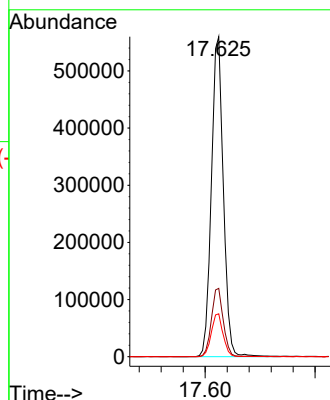
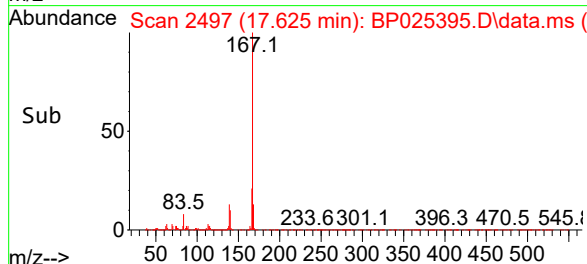
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



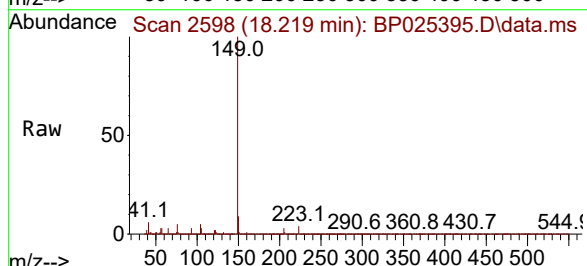
Tgt Ion:167 Resp: 843970
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.4 10.6 16.0

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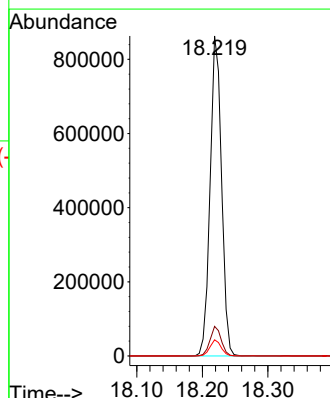
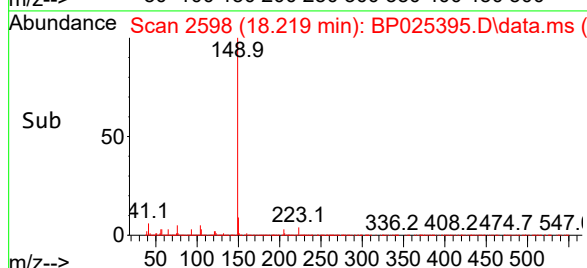
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

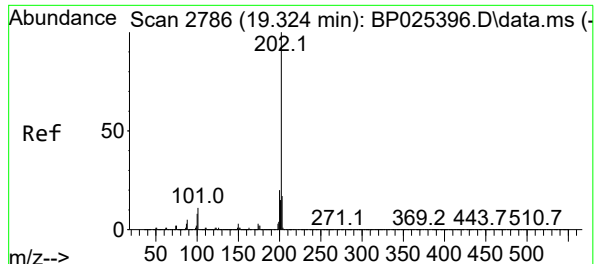


#74
 Di-n-butylphthalate
 Concen: 20.491 ng
 RT: 18.219 min Scan# 2598
 Delta R.T. 0.012 min
 Lab File: BP025395.D
 Acq: 14 Aug 2025 14:38



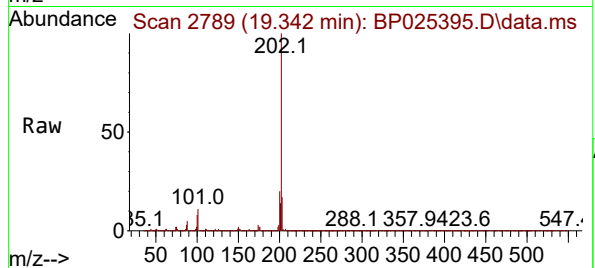
Tgt Ion:149 Resp: 1046709
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

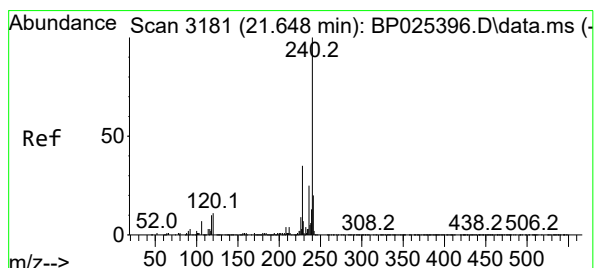
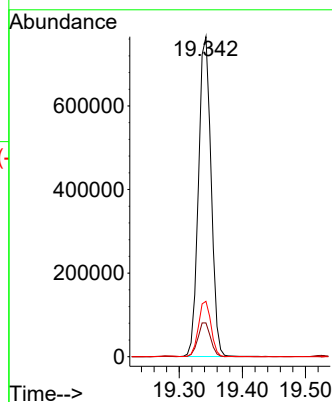
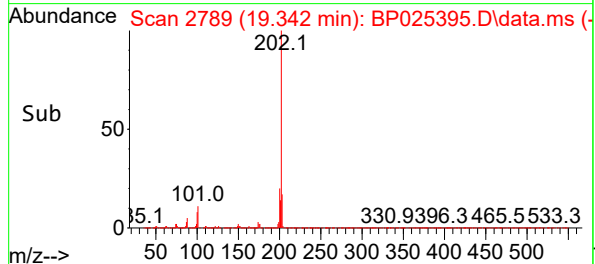
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 105891
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.3 0.0 37.3

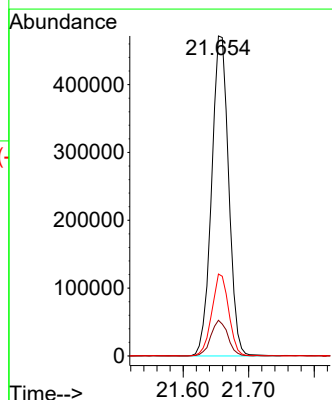
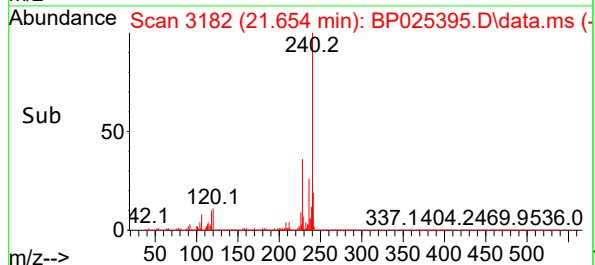
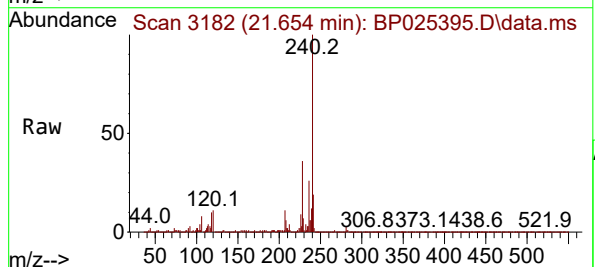
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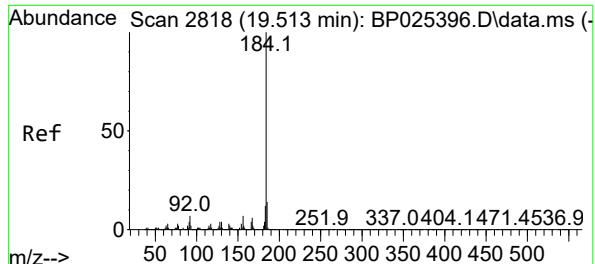
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

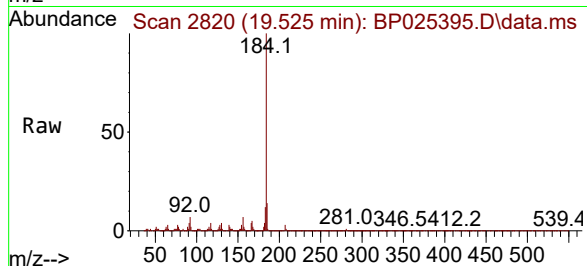
Tgt Ion:240 Resp: 852065
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 19.8 29.8





#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

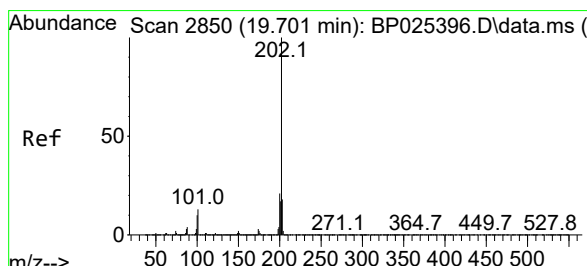
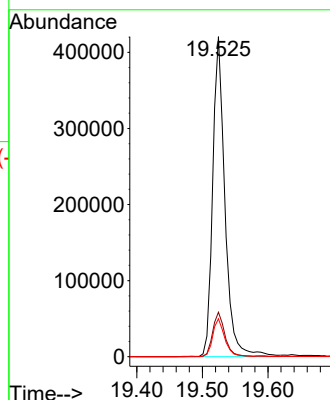
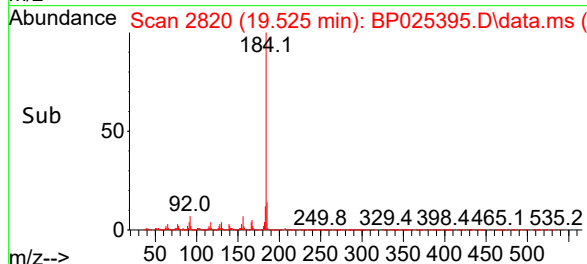
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



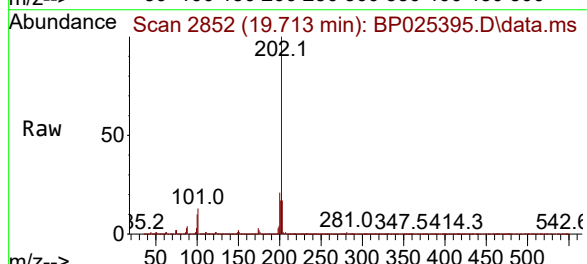
Tgt Ion:184 Resp: 54664
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

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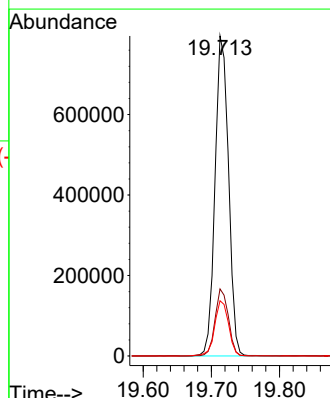
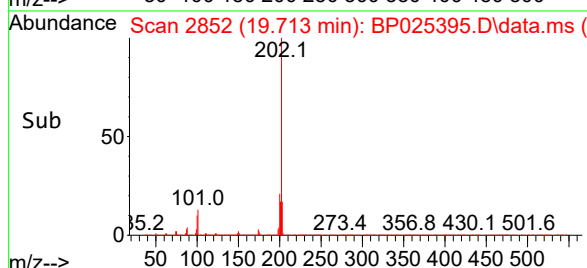
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

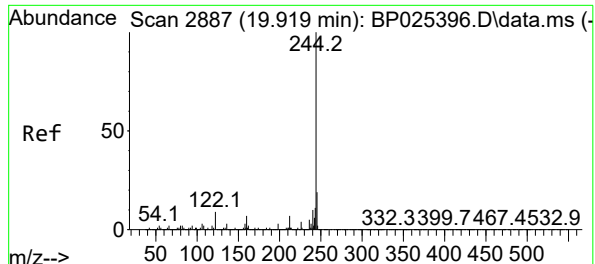


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



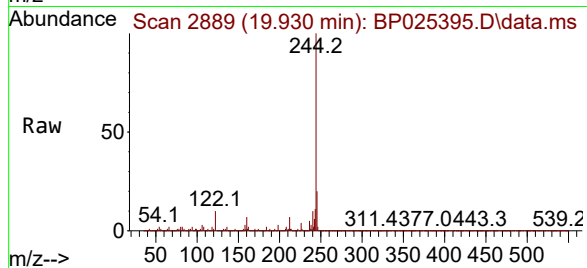
Tgt Ion:202 Resp: 1096965
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

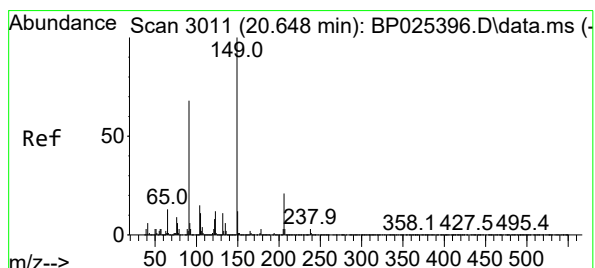
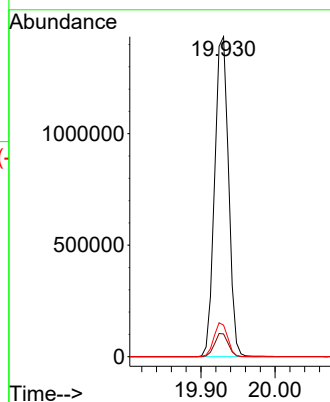
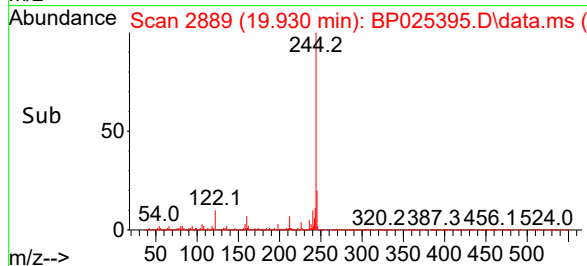
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



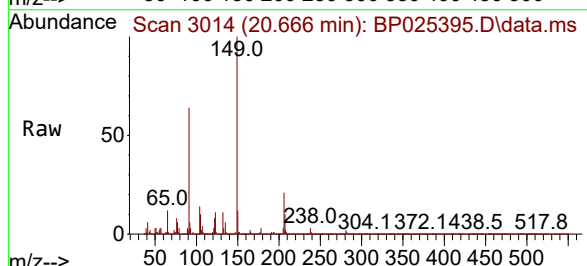
Tgt Ion:244 Resp: 186995
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.9 7.4 11.2

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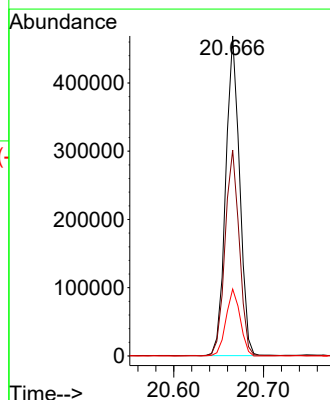
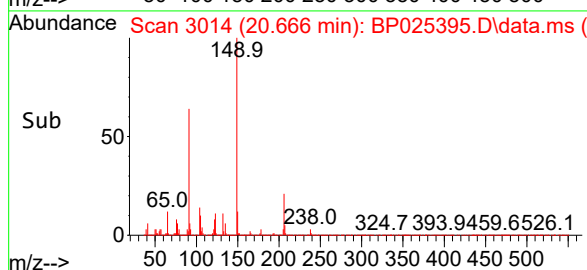
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

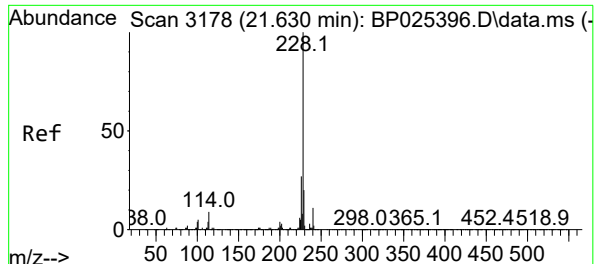


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



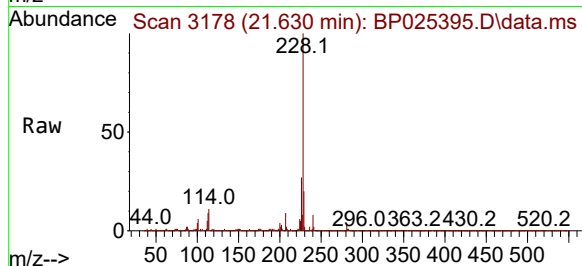
Tgt Ion:149 Resp: 504019
Ion Ratio Lower Upper
149 100
91 64.4 54.2 81.2
206 20.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

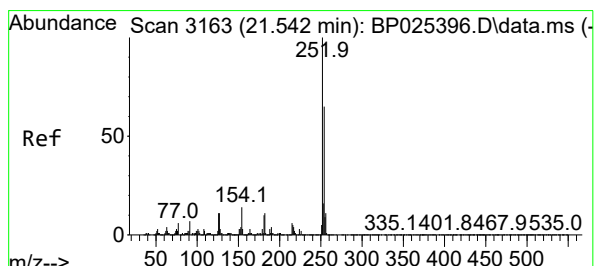
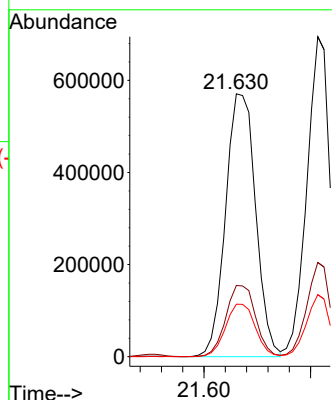
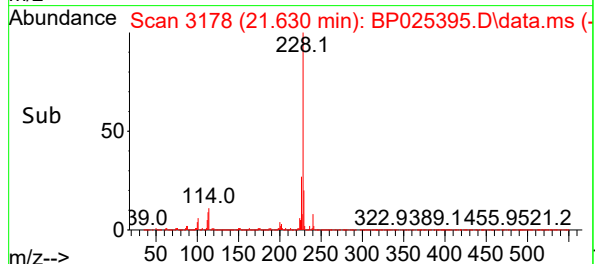
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



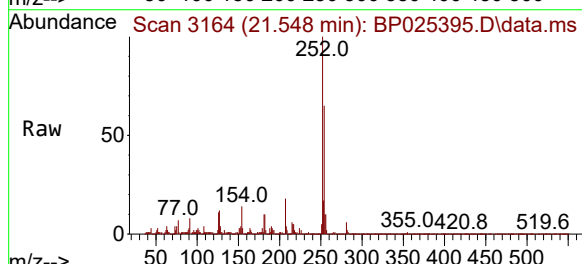
Tgt Ion:228 Resp: 1118590
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.6 23.4

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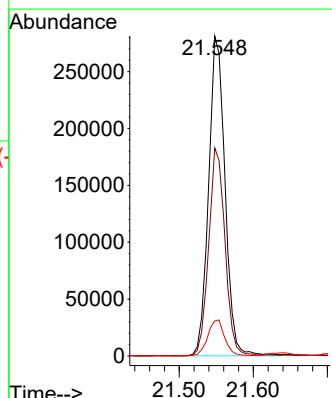
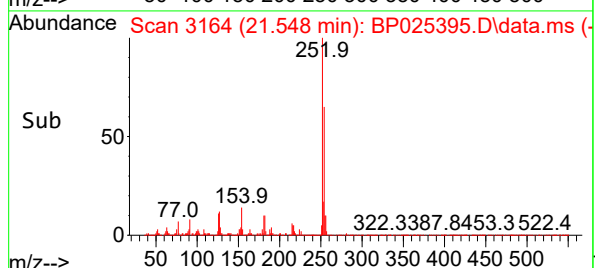
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

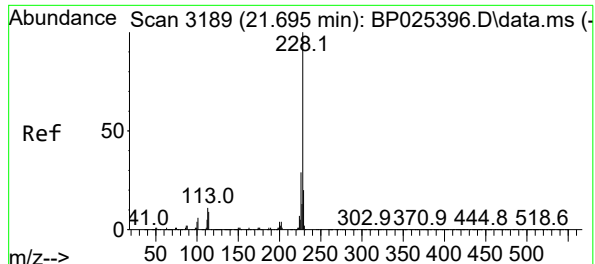


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



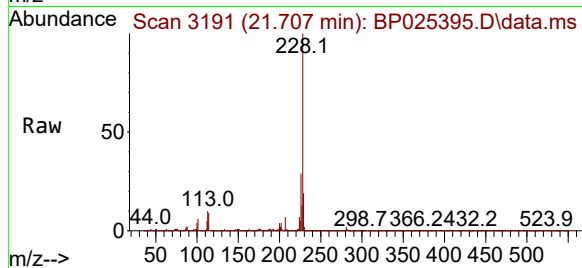
Tgt Ion:252 Resp: 432075
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.9 9.1 13.7





#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3189
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

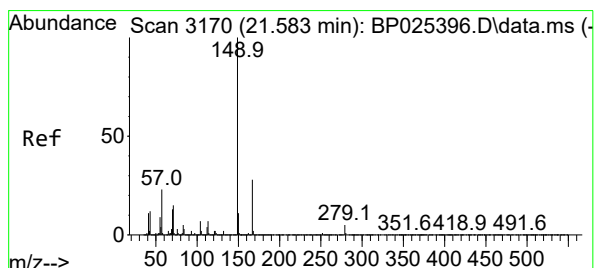
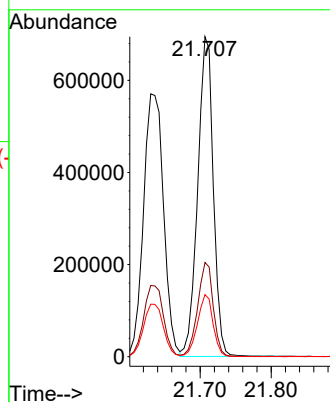
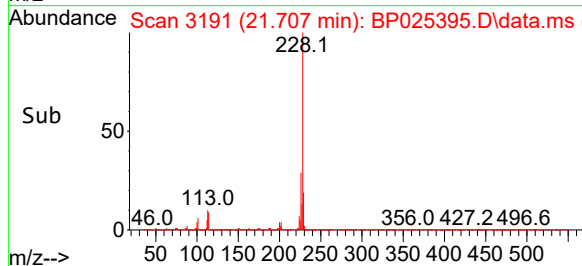
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1063898
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 19.4 15.6 23.4

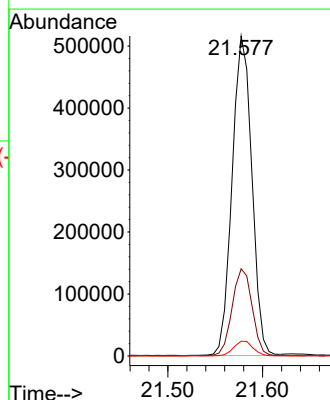
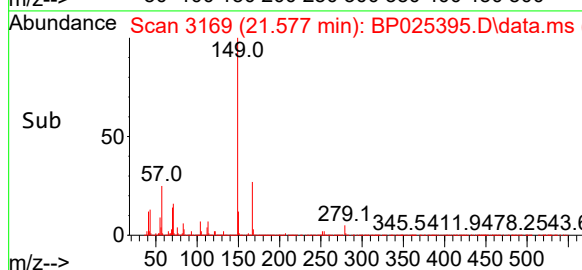
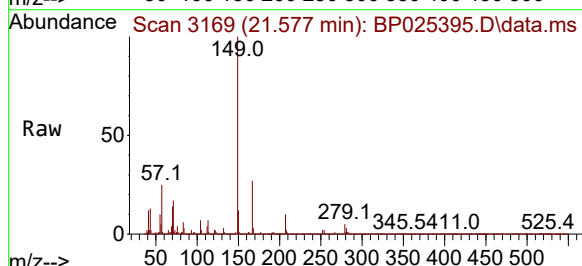
Manual Integrations
APPROVED

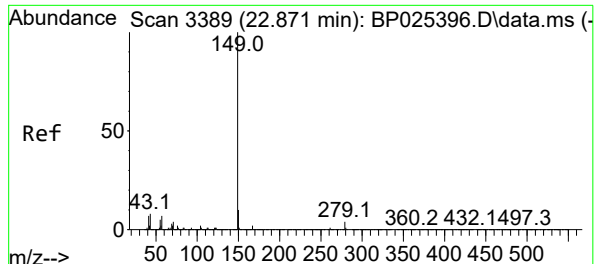
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

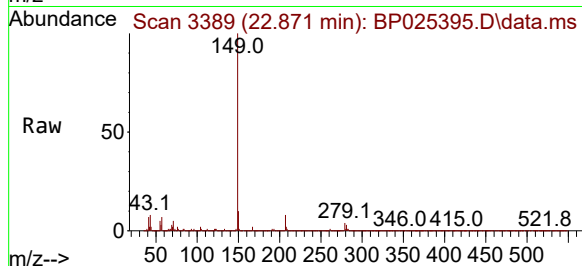
Tgt Ion:149 Resp: 744704
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

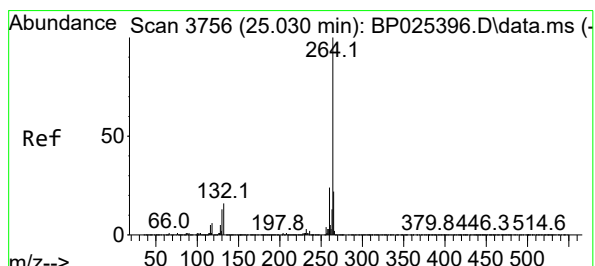
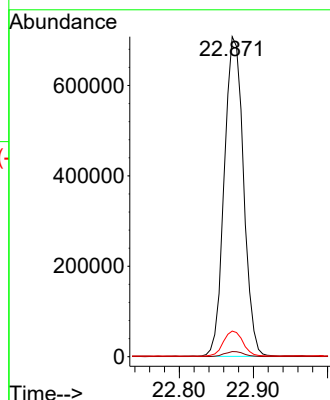
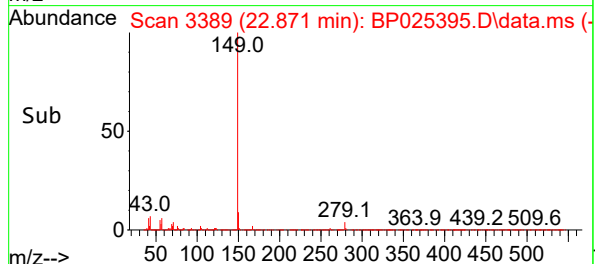
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1276798
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

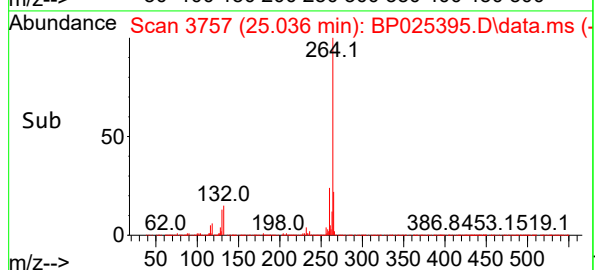
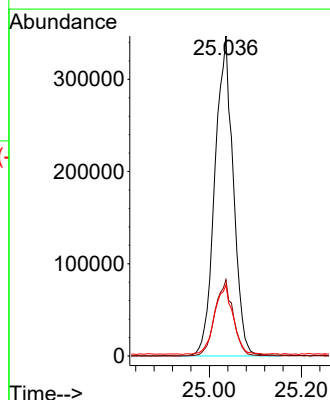
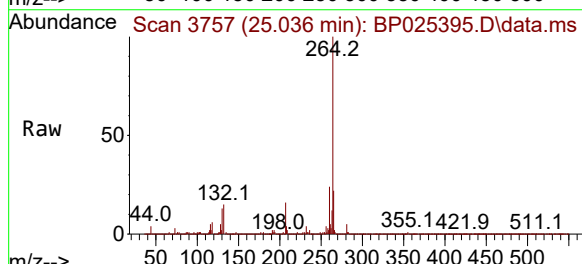
Manual Integrations
APPROVED

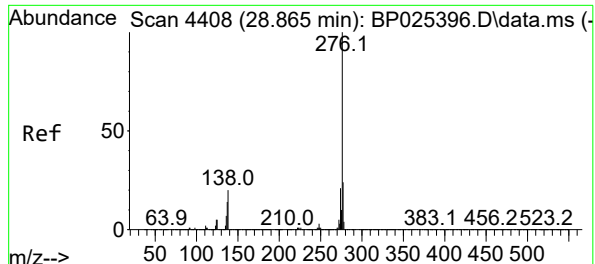
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:264 Resp: 958651
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.627 ng m

RT: 28.865 min Scan# 4408

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 138033

Ion Ratio Lower Upper

276 100

138 16.2 12.9 19.3

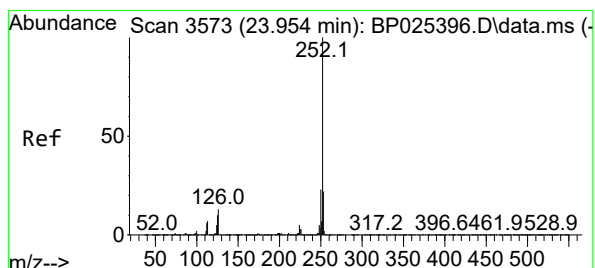
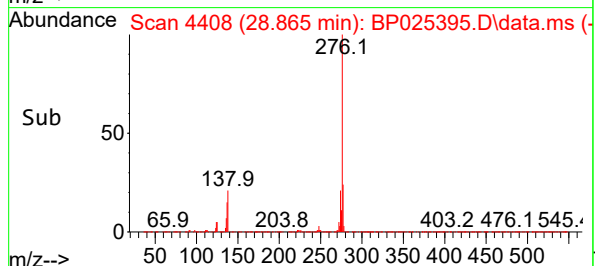
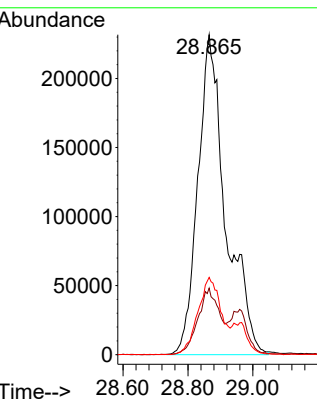
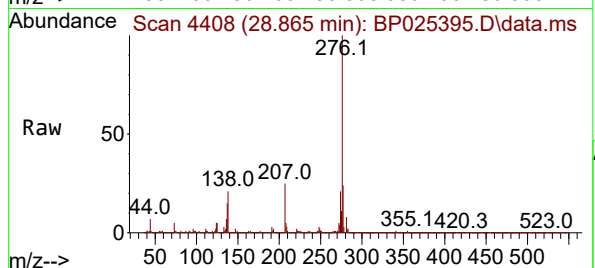
277 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 19.855 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

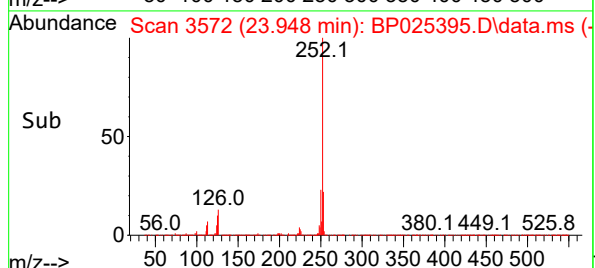
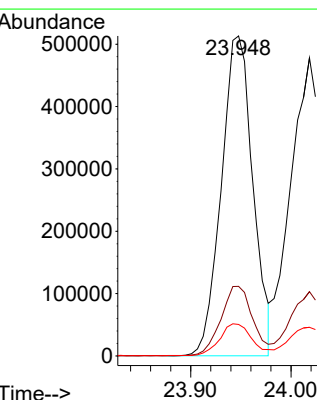
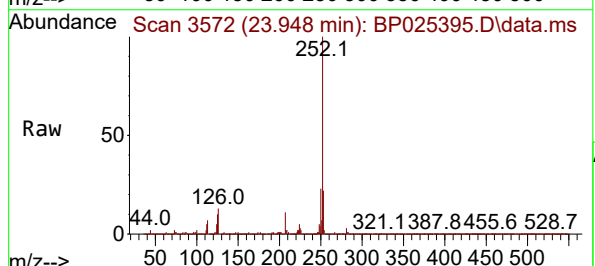
Tgt Ion:252 Resp: 1122408

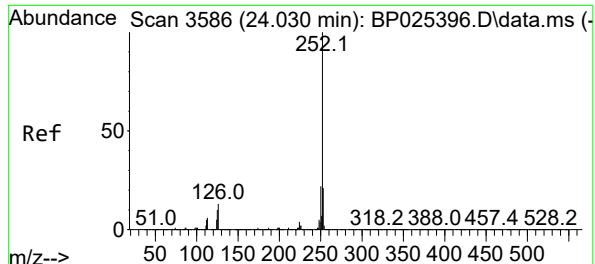
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 20.336 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1150360

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

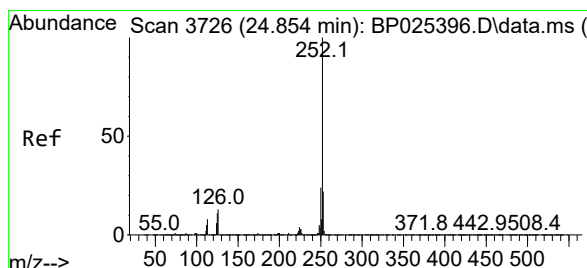
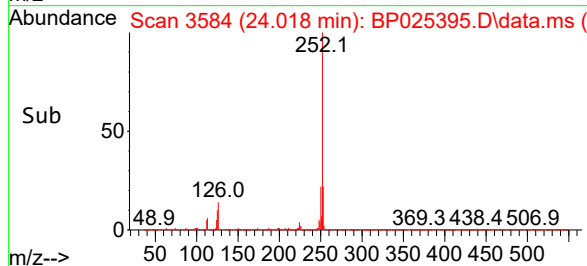
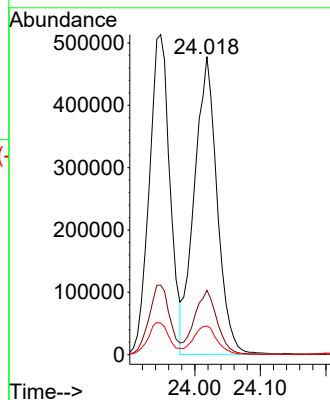
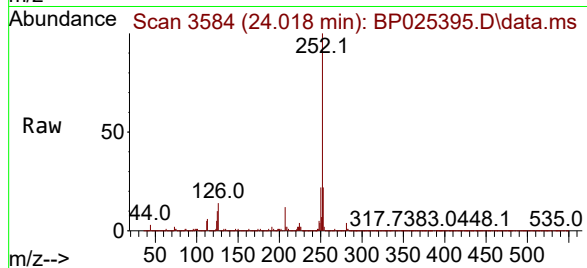
125 9.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 20.041 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

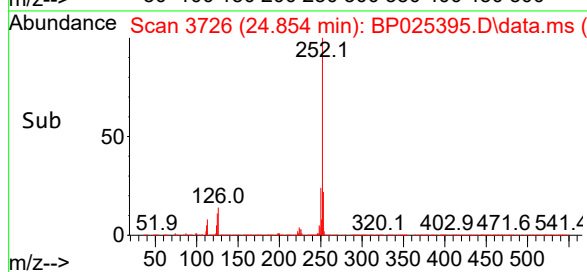
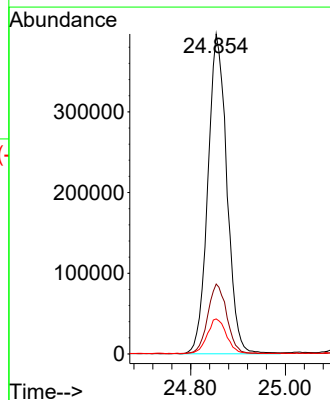
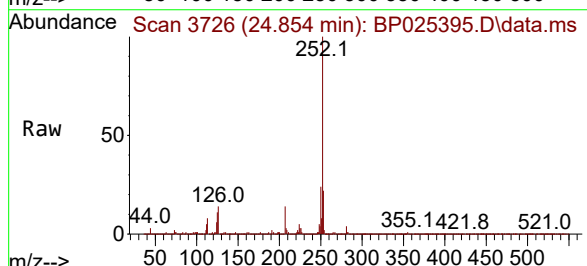
Tgt Ion:252 Resp: 1102804

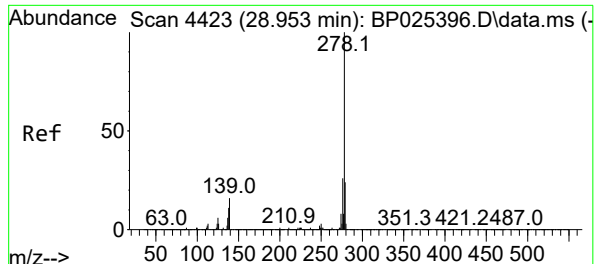
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

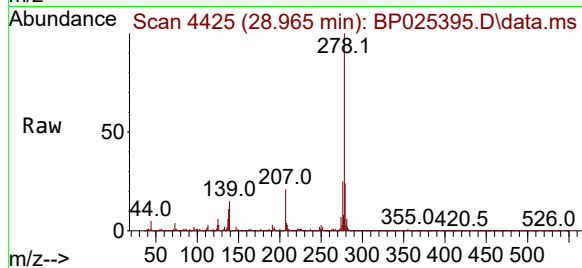
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

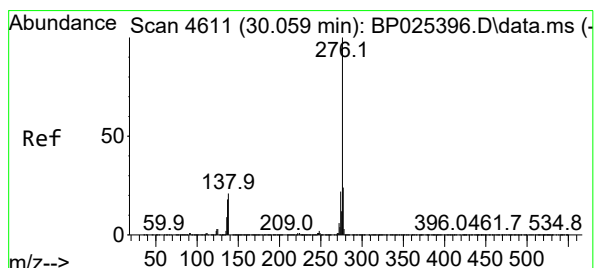
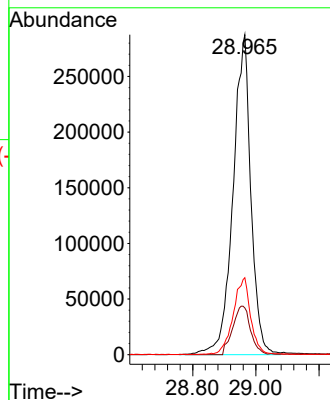
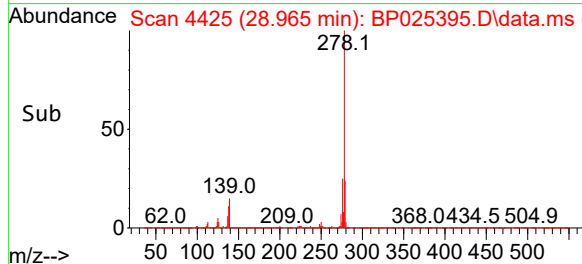
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



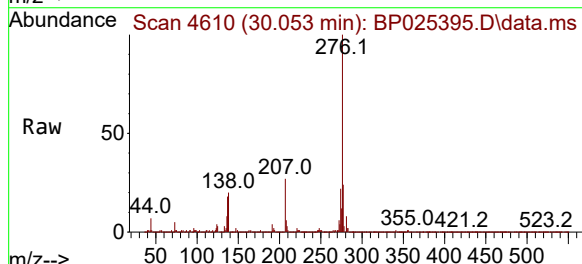
Tgt Ion: 278 Resp: 1130209
Ion Ratio Lower Upper
278 100
139 14.6 13.0 19.4
279 24.1 19.4 29.2

Manual Integrations
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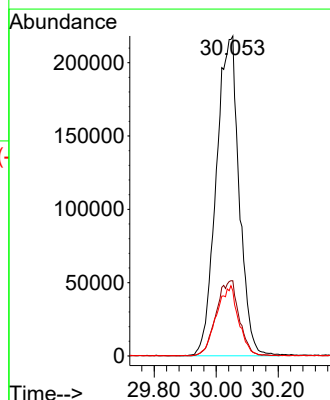
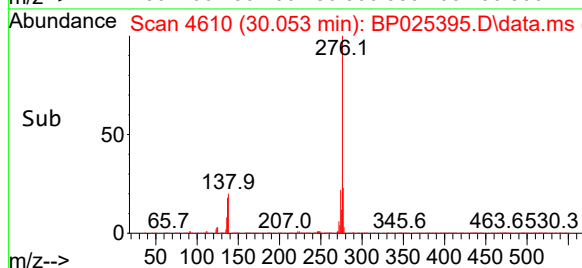
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion: 276 Resp: 1120307
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

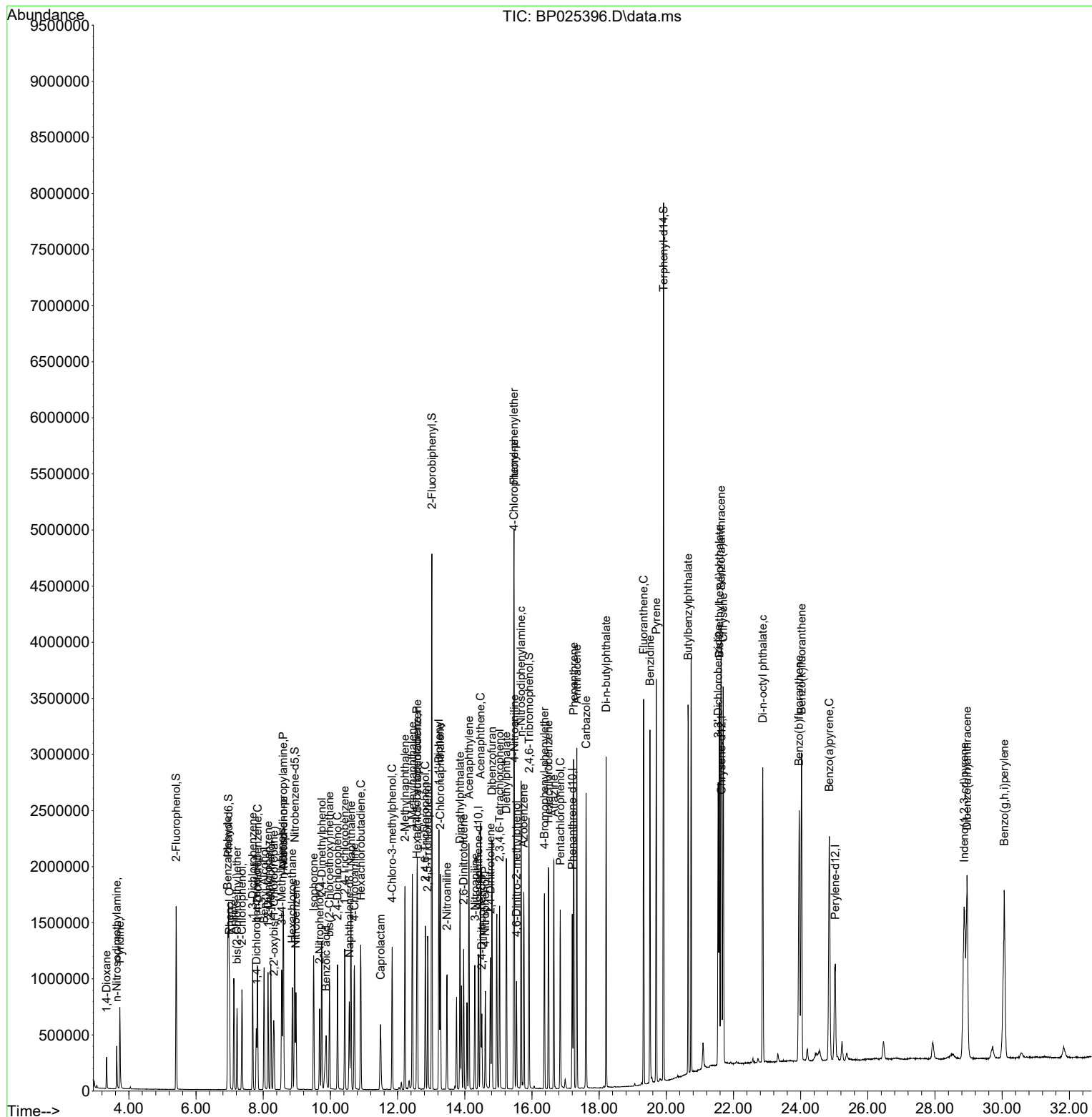
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

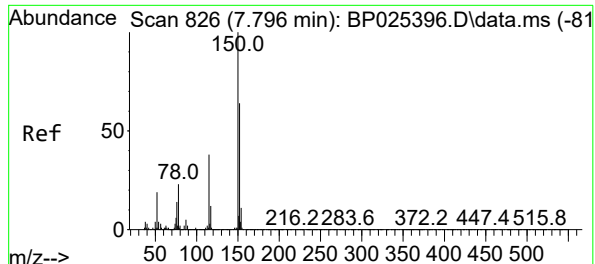
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

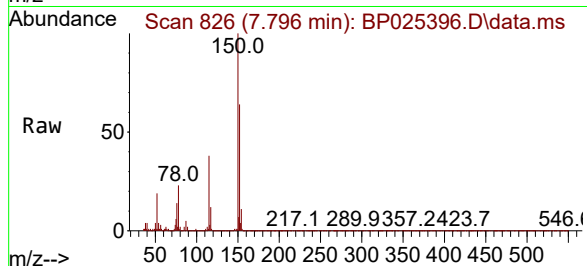
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

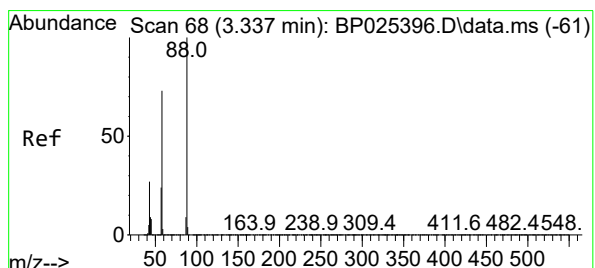
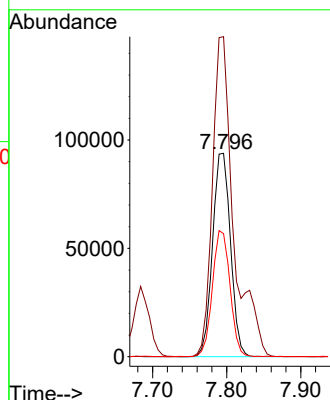
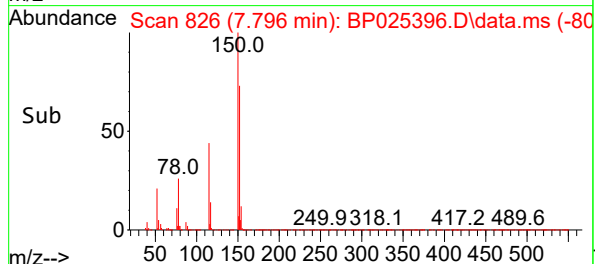
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 152 Resp: 157704
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 60.6 48.5 72.7

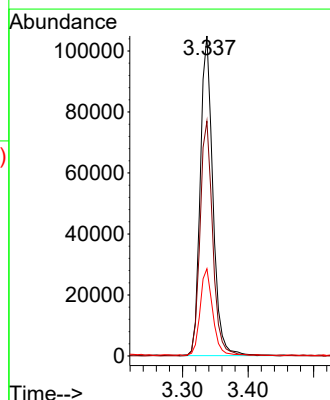
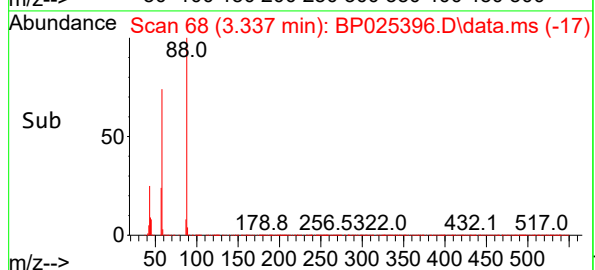
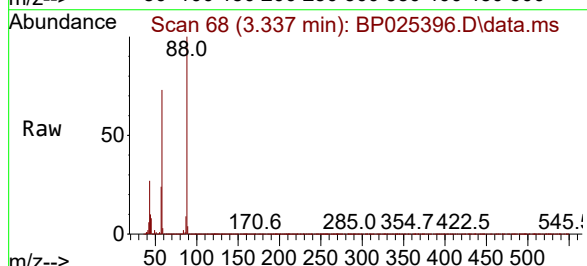
Manual Integrations
APPROVED

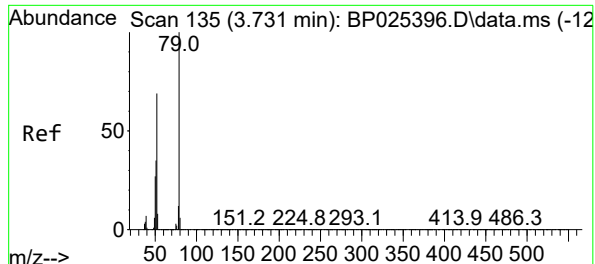
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

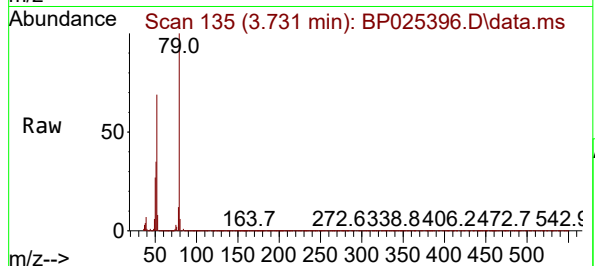
Tgt Ion: 88 Resp: 140326
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 27.1 21.7 32.5





#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

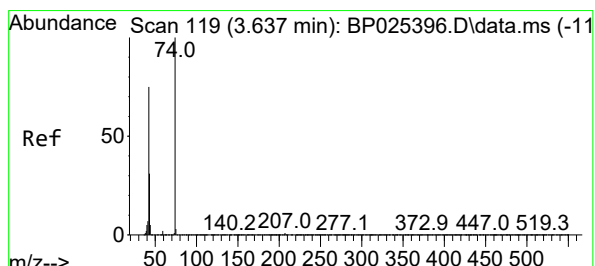
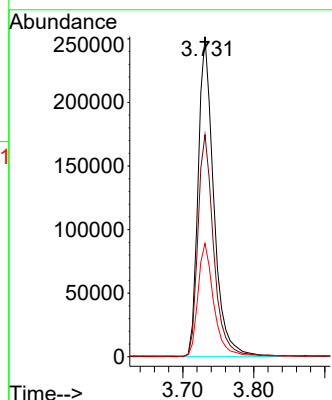
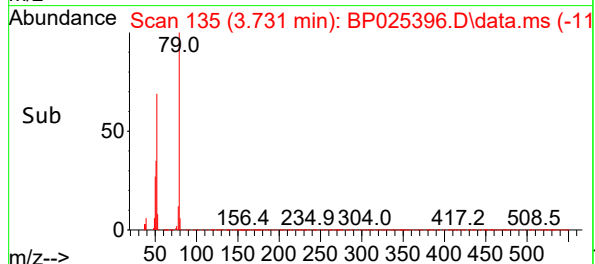
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 384930
Ion Ratio Lower Upper
79 100
52 69.4 55.5 83.3
51 35.4 28.3 42.5

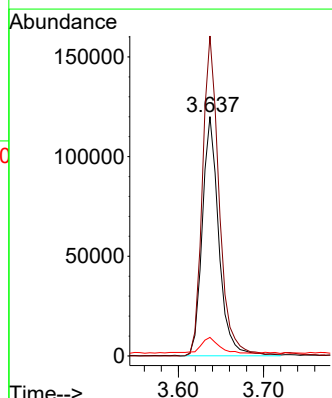
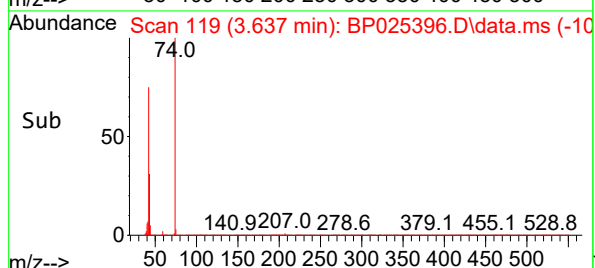
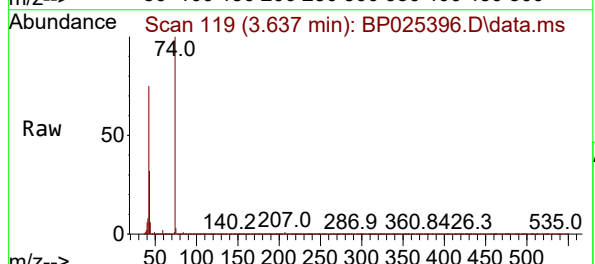
Manual Integrations
APPROVED

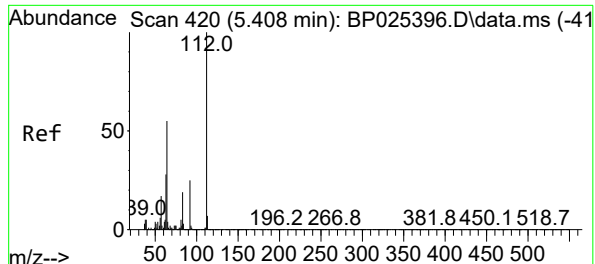
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 42 Resp: 161267
Ion Ratio Lower Upper
42 100
74 133.7 107.0 160.4
44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 77.209 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 73319

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.8

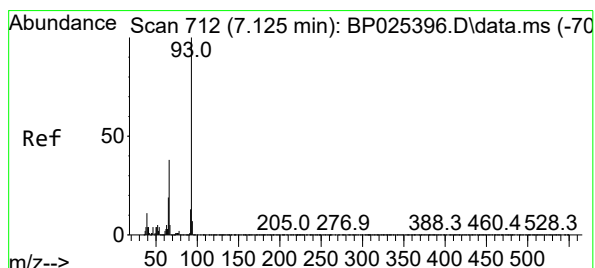
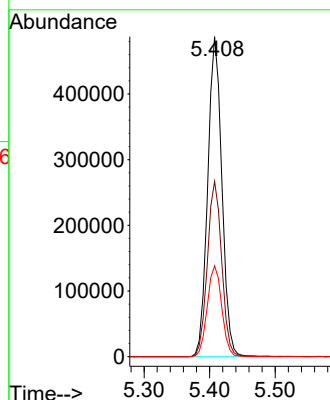
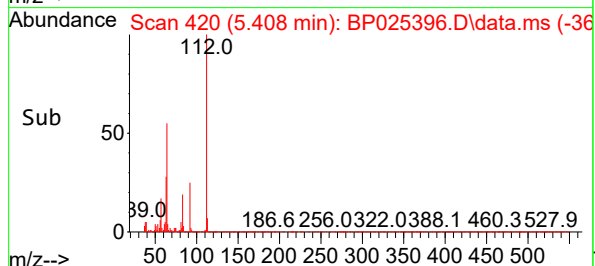
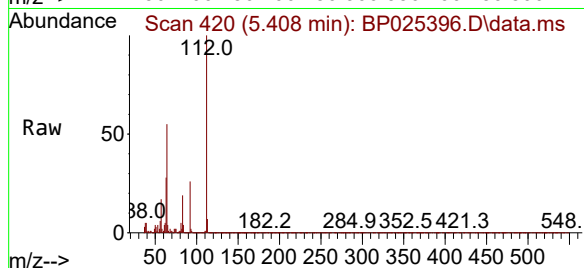
63 28.4 22.7 34.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 38.842 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

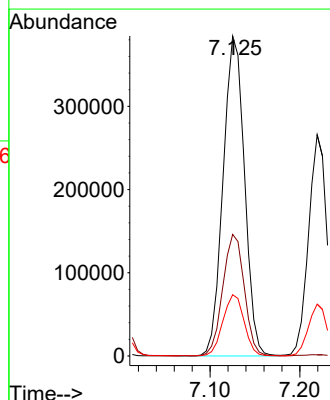
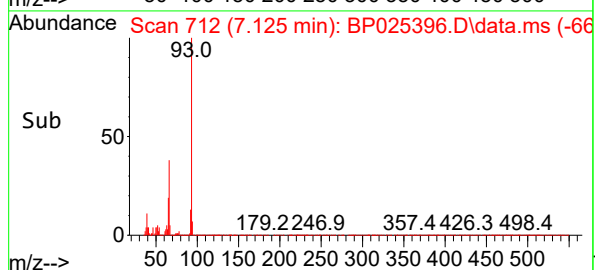
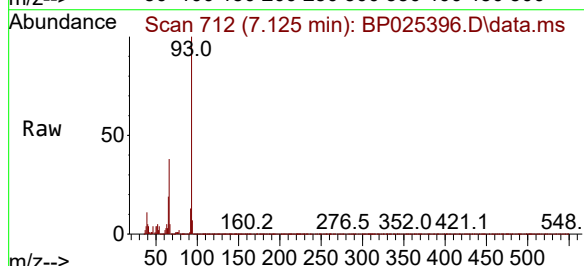
Tgt Ion: 93 Resp: 637156

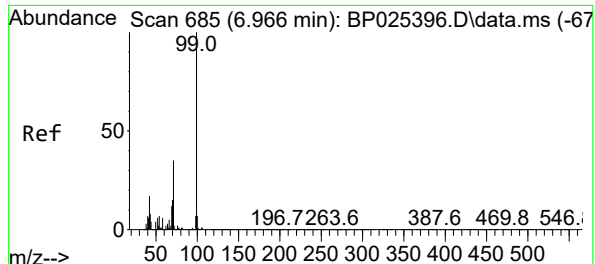
Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

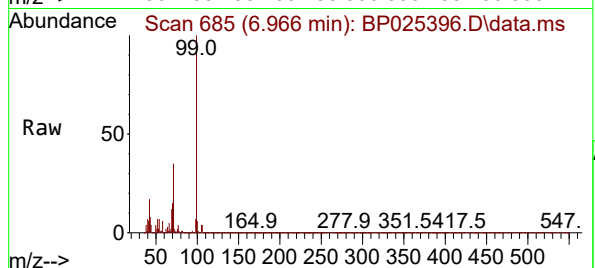
65 19.1 15.3 22.9





#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

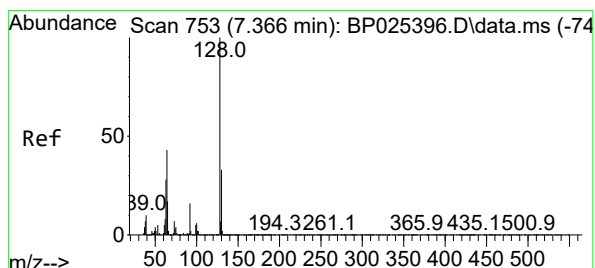
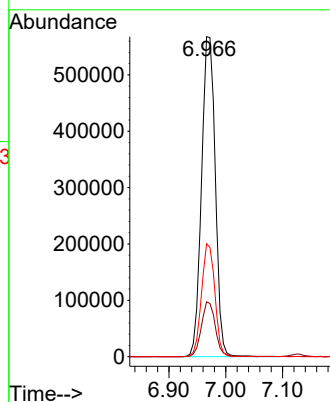
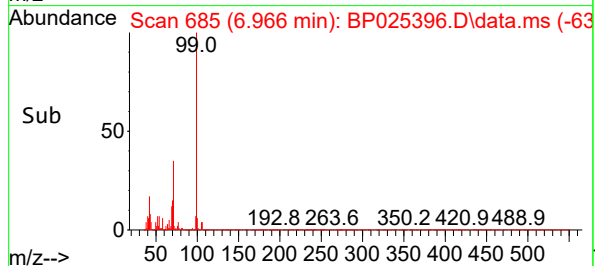
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 954285
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.3 28.2 42.4

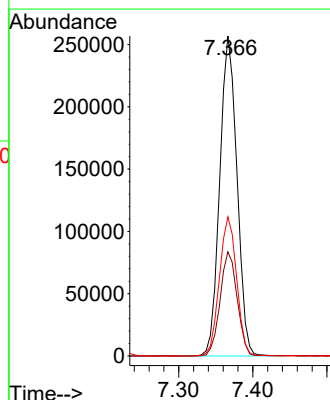
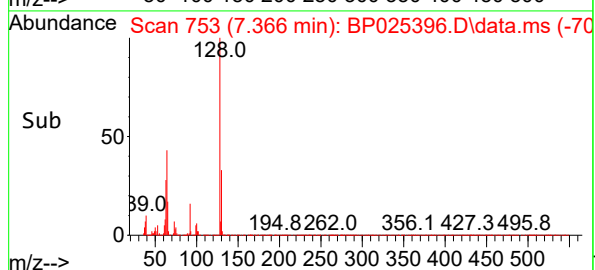
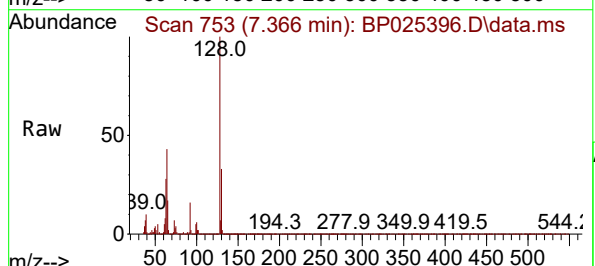
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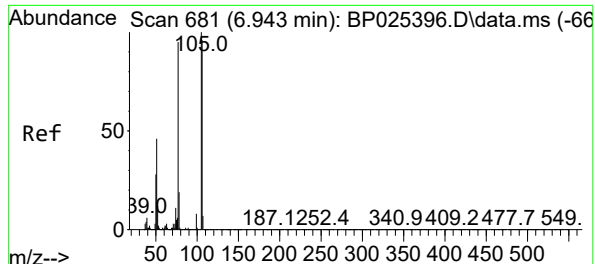
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

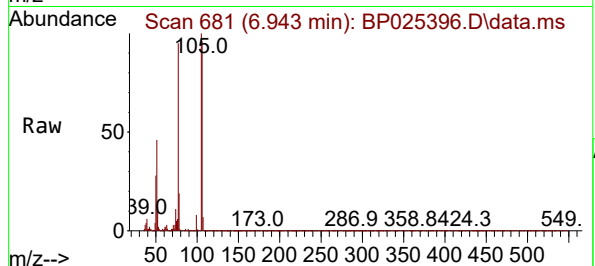
Tgt Ion:128 Resp: 414233
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.4 23.4 63.4





#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

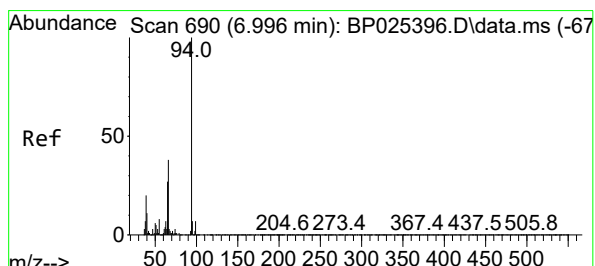
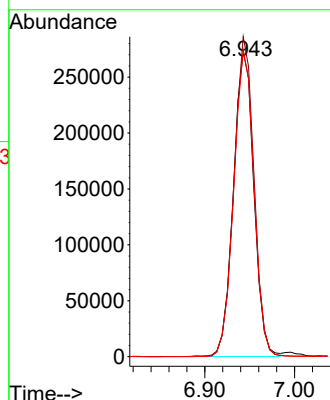
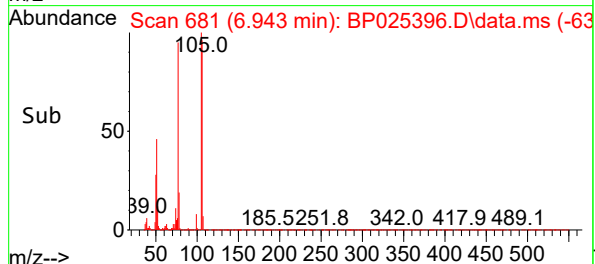
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 430704
Ion Ratio Lower Upper
77 100
105 104.8 84.8 124.8
106 100.5 80.5 120.5

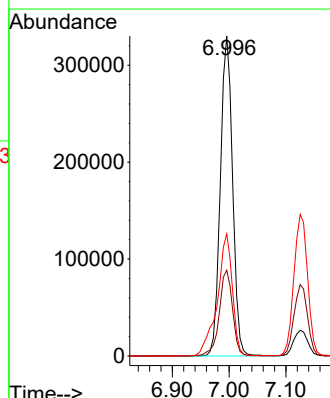
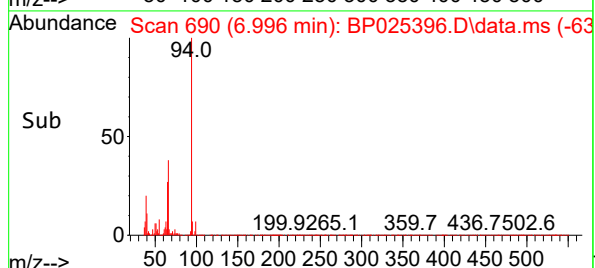
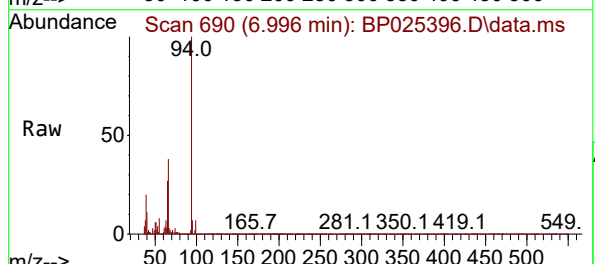
Manual Integrations
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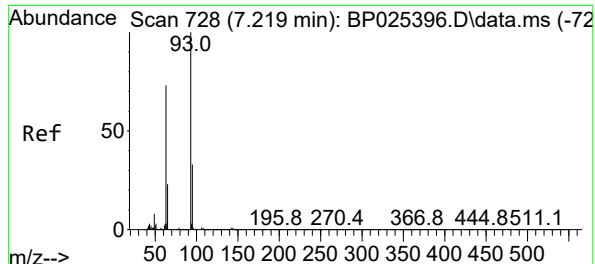
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

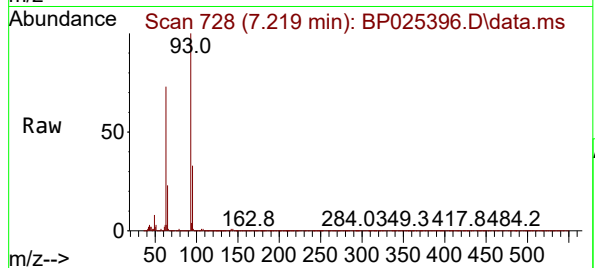
Tgt Ion: 94 Resp: 496755
Ion Ratio Lower Upper
94 100
65 26.8 6.8 46.8
66 38.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

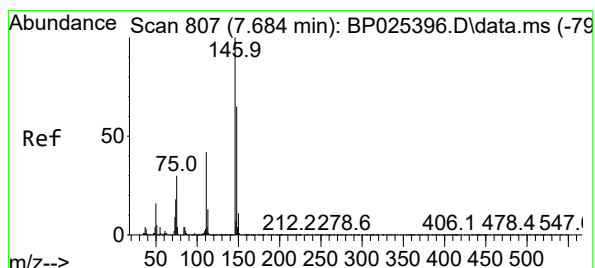
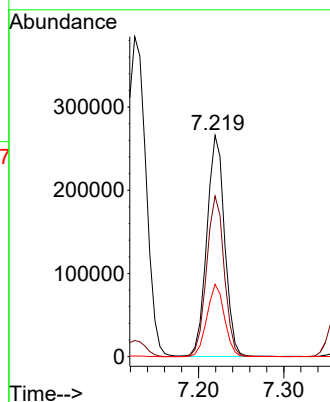
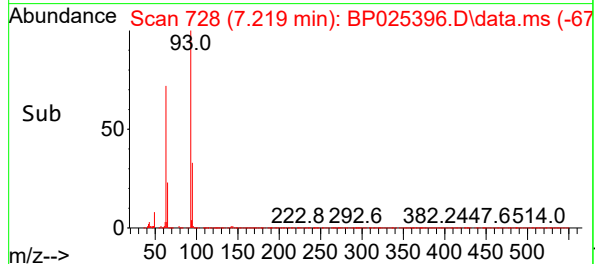
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



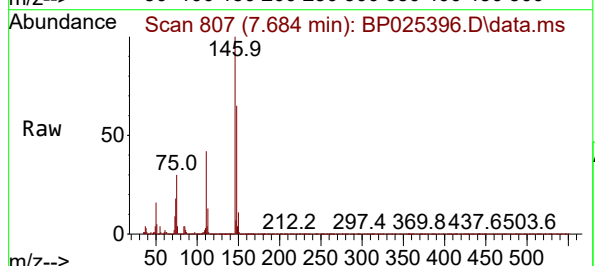
Tgt Ion: 93 Resp: 385335
Ion Ratio Lower Upper
93 100
63 72.6 52.6 92.6
95 32.7 12.7 52.7

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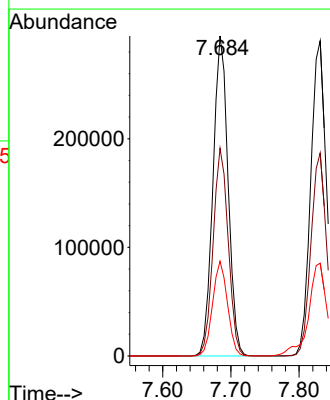
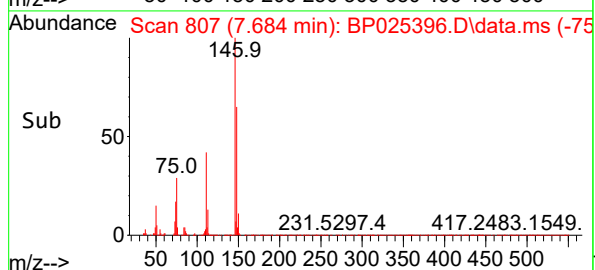
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

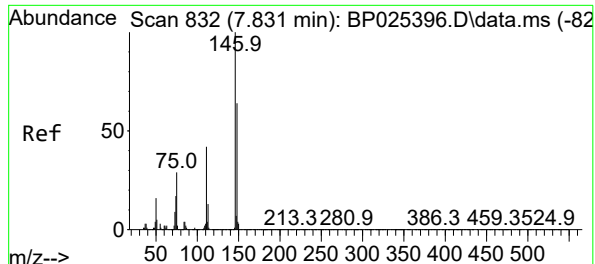


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



Tgt Ion:146 Resp: 455200
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 38.319 ng

RT: 7.831 min Scan# 832

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 462800

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

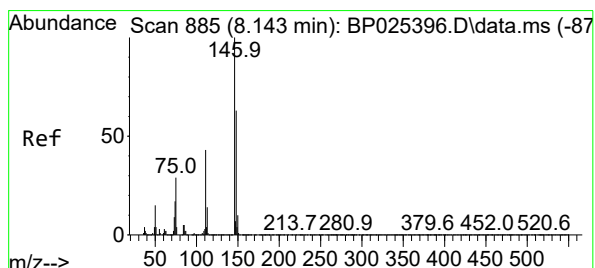
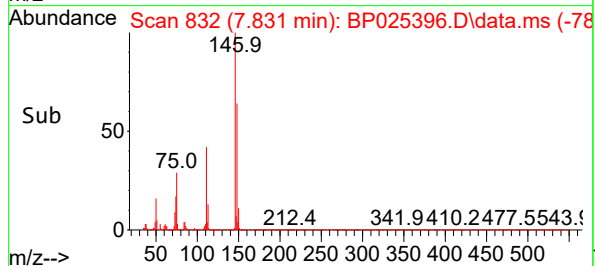
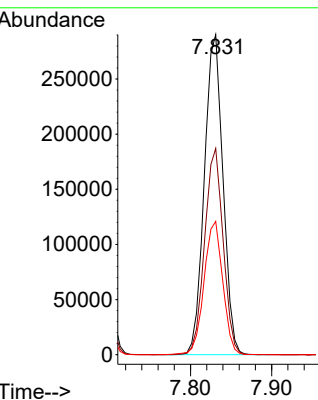
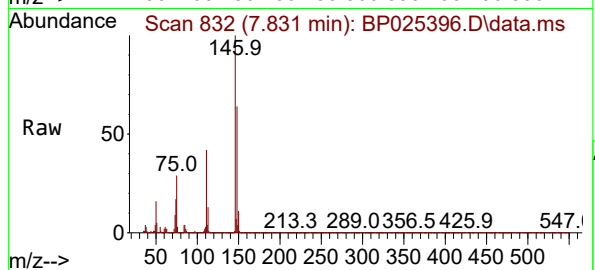
111 41.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 38.602 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

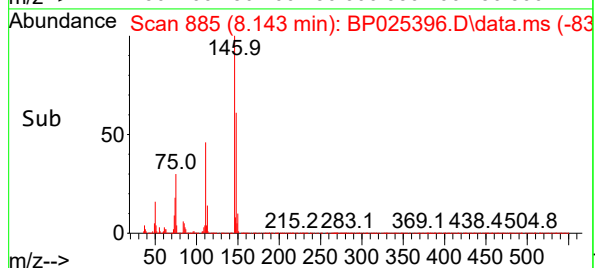
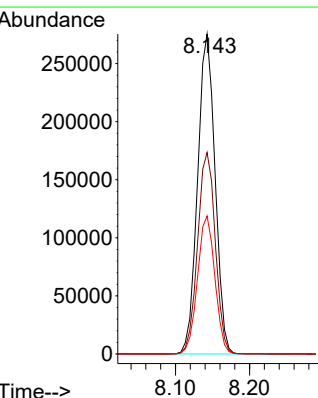
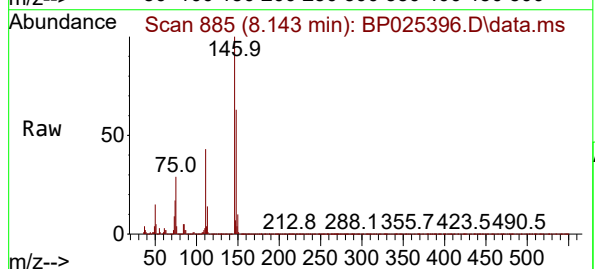
Tgt Ion:146 Resp: 451306

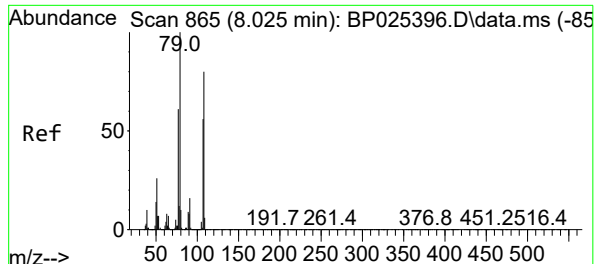
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.901 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 37632

Ion Ratio Lower Upper

79 100

108 79.7 63.8 95.6

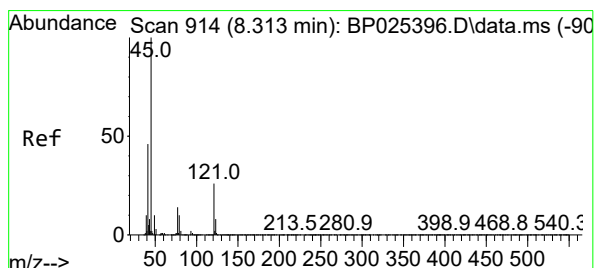
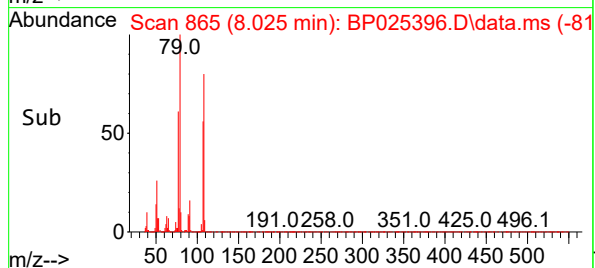
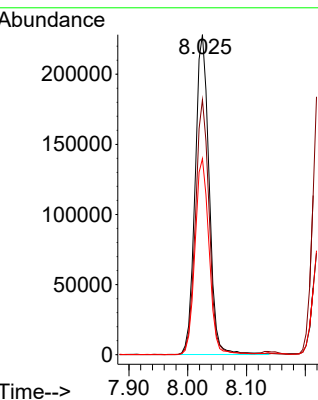
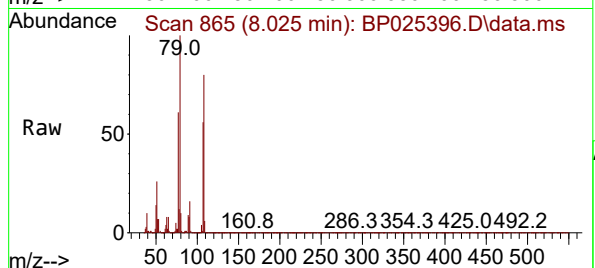
77 61.2 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.308 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

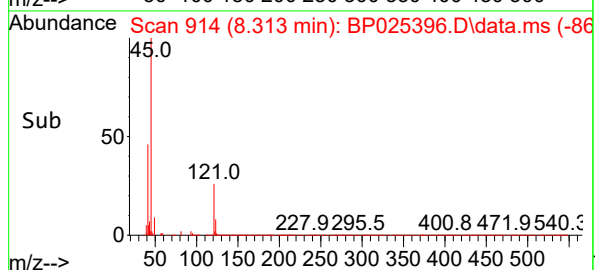
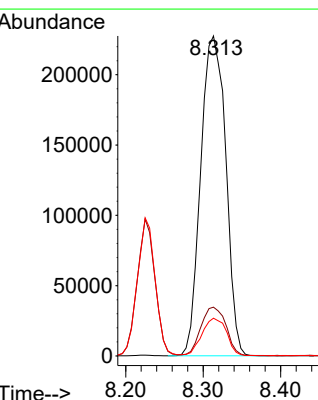
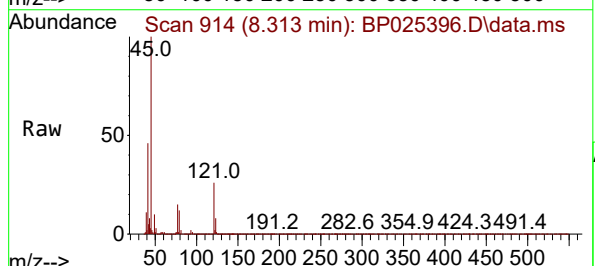
Tgt Ion: 45 Resp: 510991

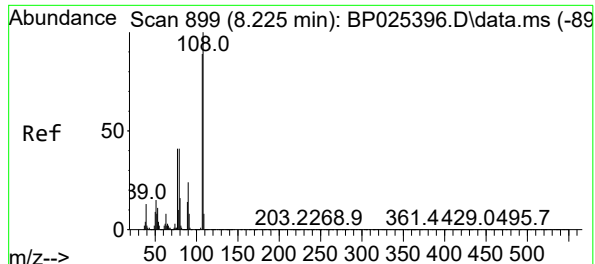
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

79 11.8 0.0 31.8





#17

2-Methylphenol

Concen: 39.369 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 34931

Ion Ratio Lower Upper

107 100

108 111.7 89.4 134.0

77 45.4 36.3 54.5

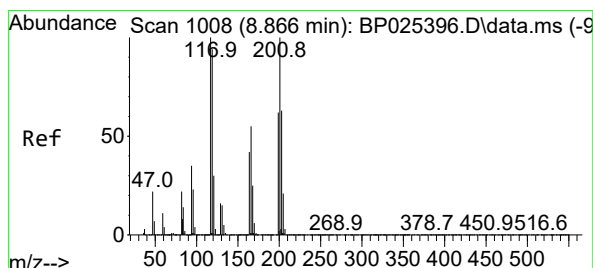
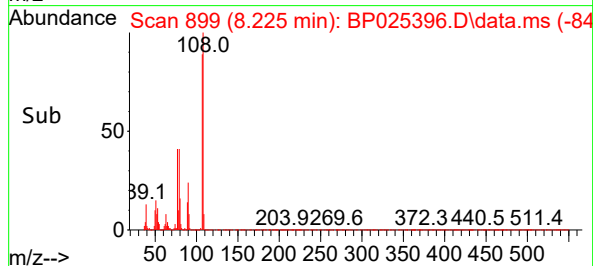
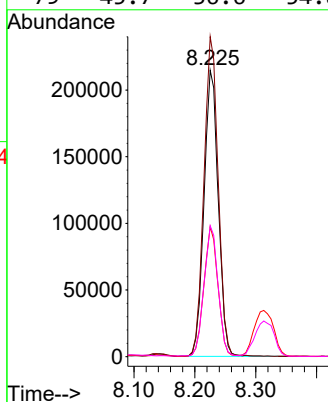
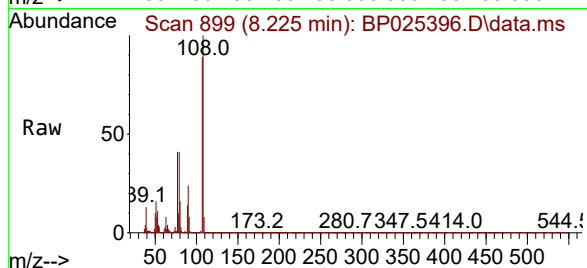
79 45.7 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.712 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

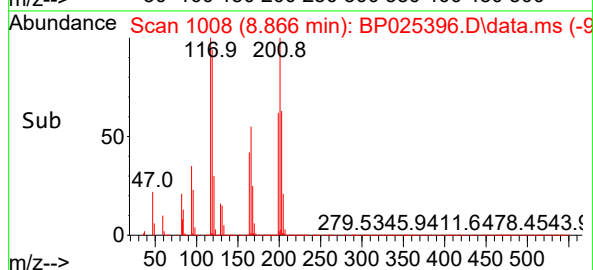
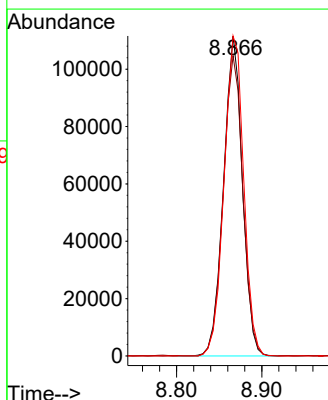
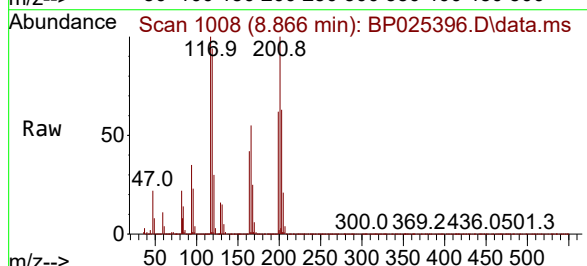
Tgt Ion:117 Resp: 171906

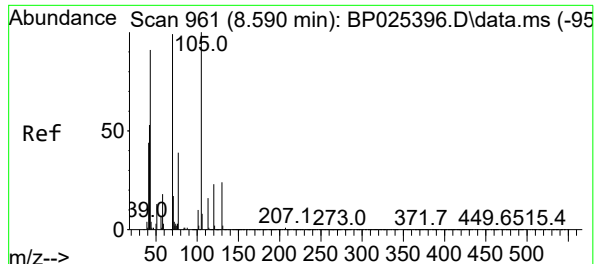
Ion Ratio Lower Upper

117 100

119 93.9 75.1 112.7

201 100.1 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.737 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 31277

Ion Ratio Lower Upper

70 100

42 54.7 43.8 65.6

101 10.6 8.5 12.7

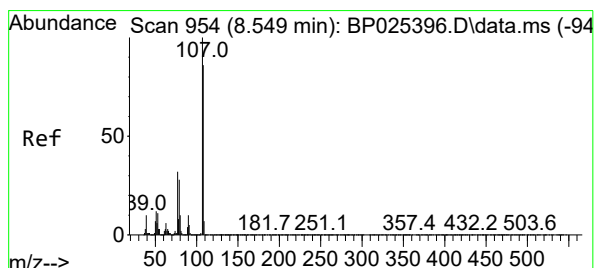
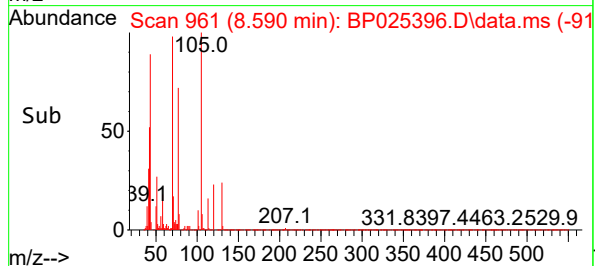
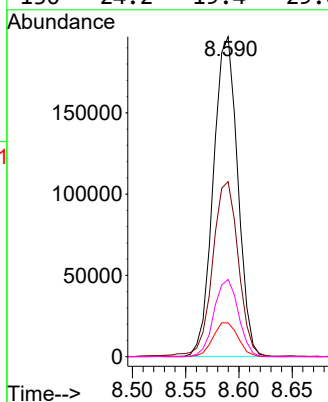
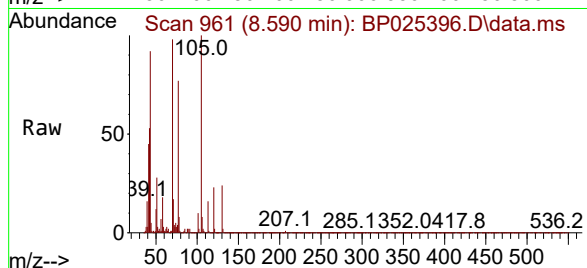
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 39.121 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

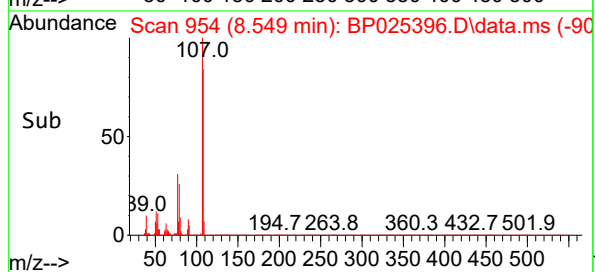
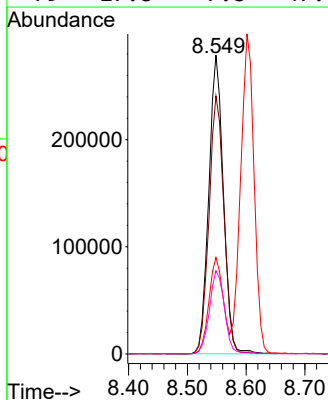
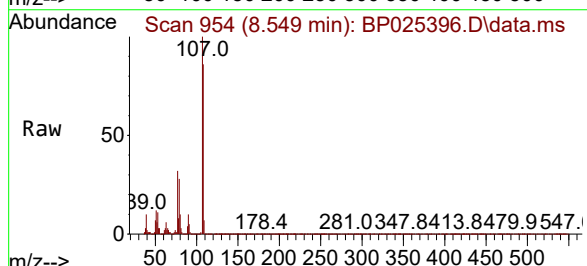
Ion Ratio Lower Upper

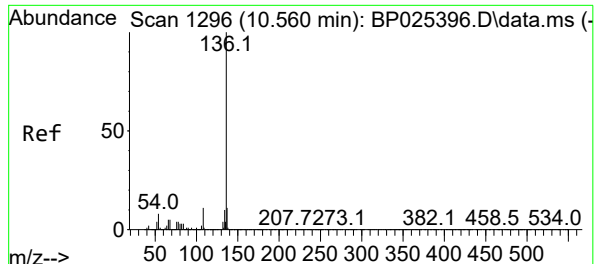
107 100

108 86.3 66.3 106.3

77 32.3 12.3 52.3

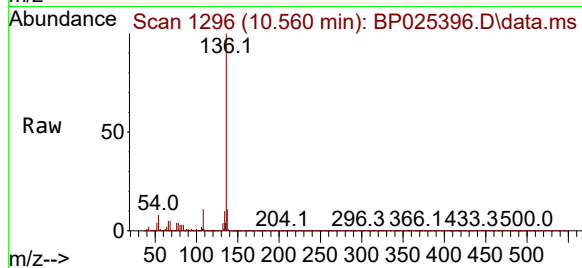
79 27.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

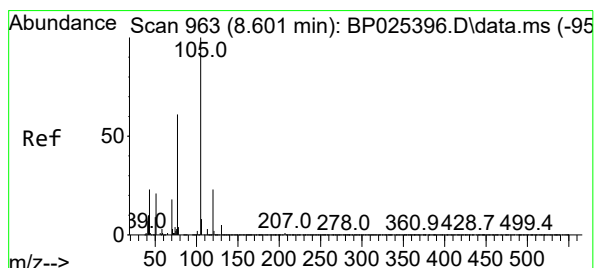
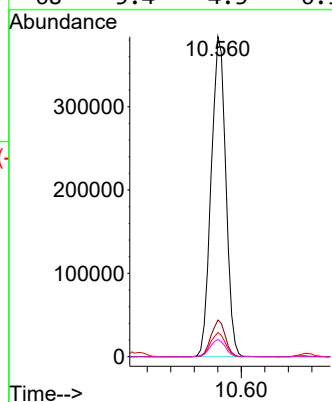
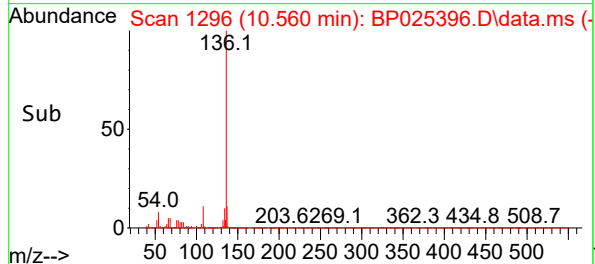
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 66355
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.5 6.0 9.0
68 5.4 4.3 6.5

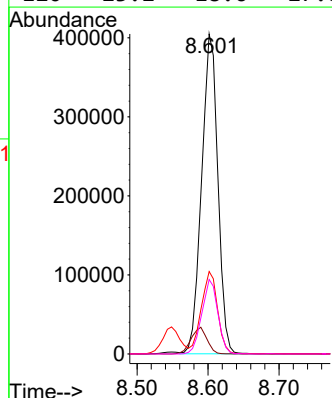
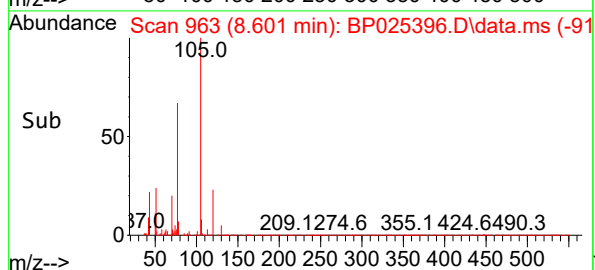
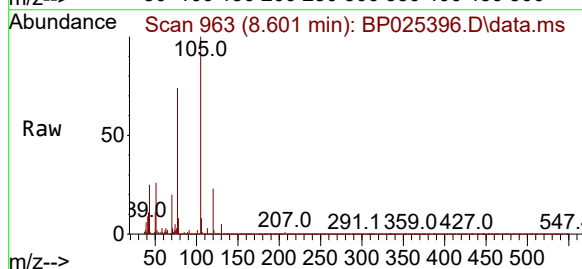
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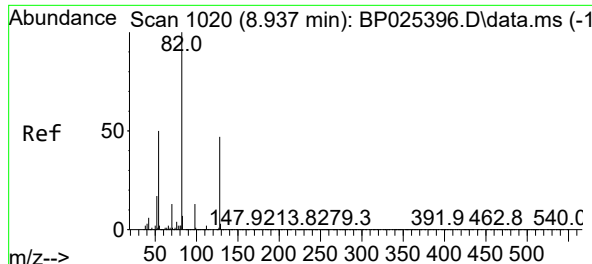
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

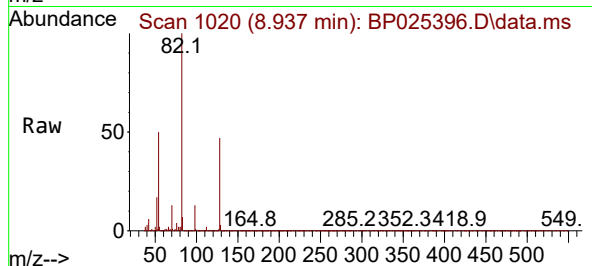
Tgt Ion:105 Resp: 644124
Ion Ratio Lower Upper
105 100
71 3.3 2.6 4.0
51 25.7 20.6 30.8
120 23.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

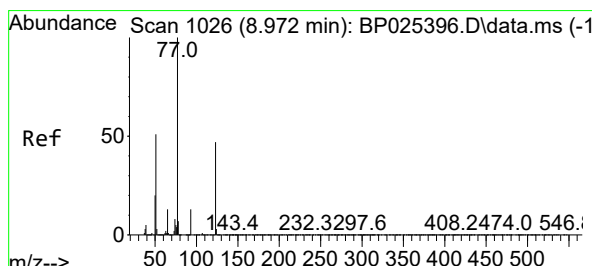
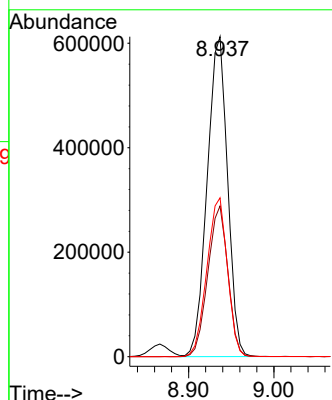
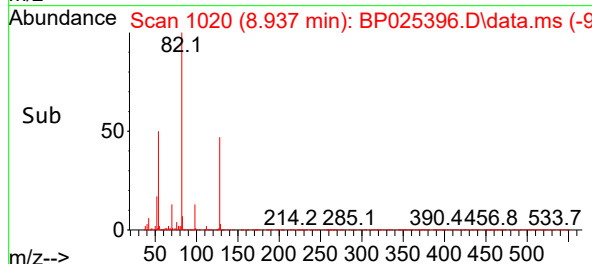
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 101555
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 49.7 39.8 59.6

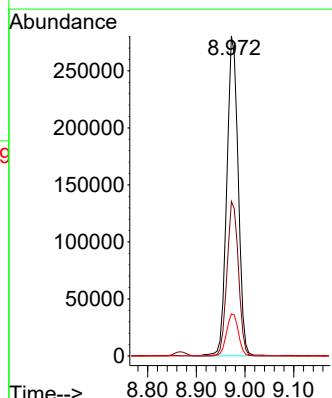
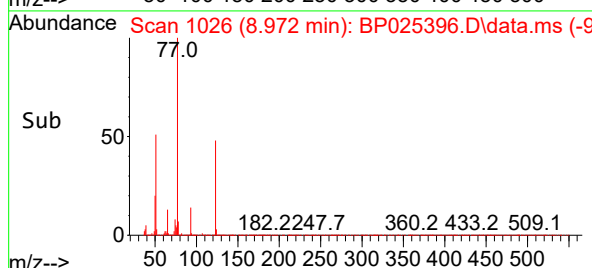
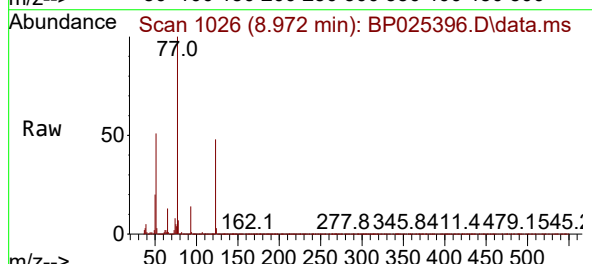
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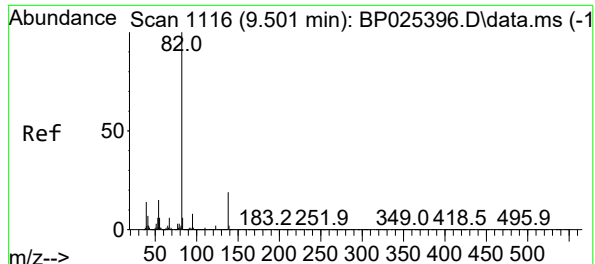
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

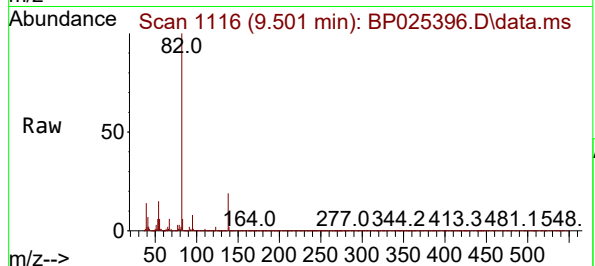
Tgt Ion: 77 Resp: 457175
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

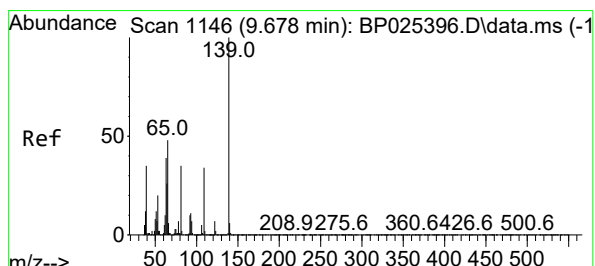
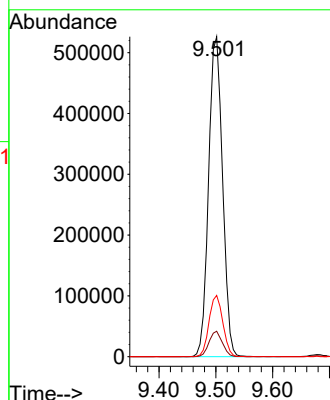
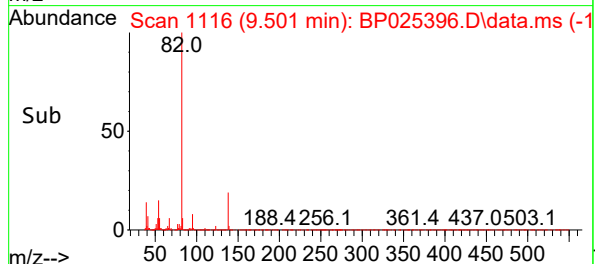
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 89398
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.2 15.4 23.0

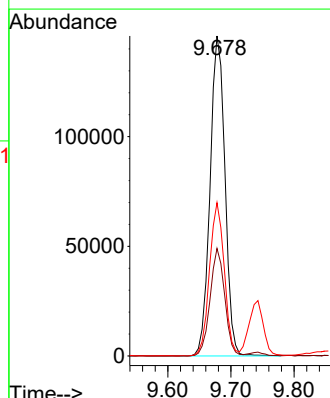
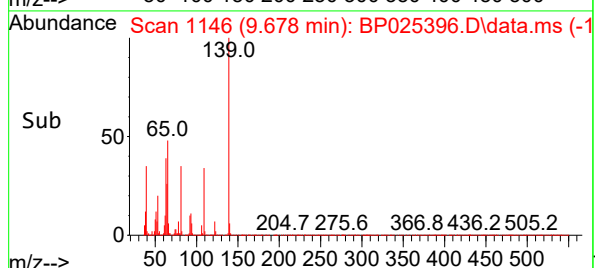
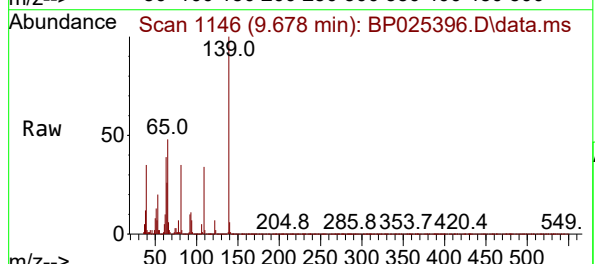
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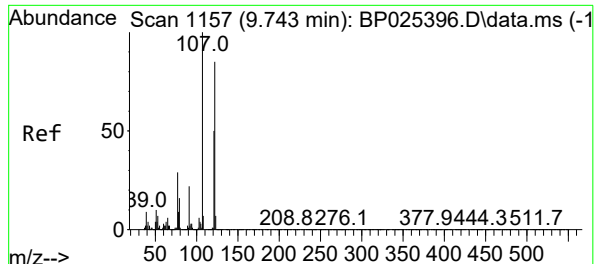
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 239675
Ion Ratio Lower Upper
139 100
109 33.6 26.9 40.3
65 47.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 39.489 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025396.D

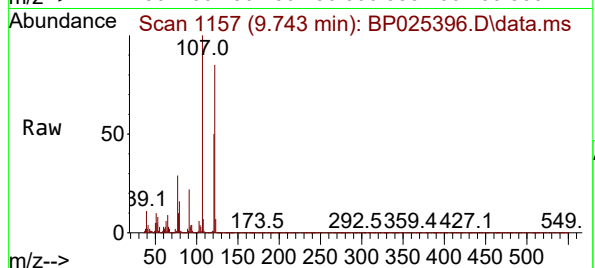
Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



Tgt Ion:122 Resp: 408572

Ion Ratio Lower Upper

122 100

107 117.1 93.7 140.5

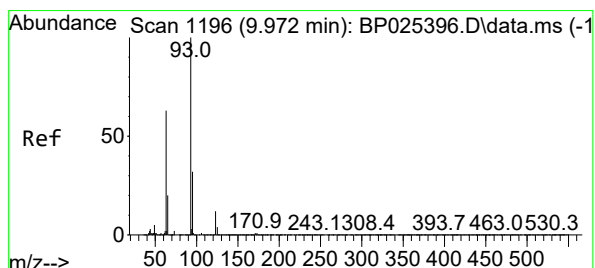
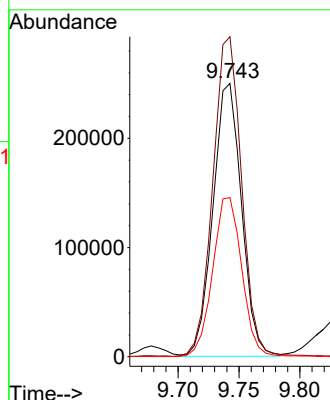
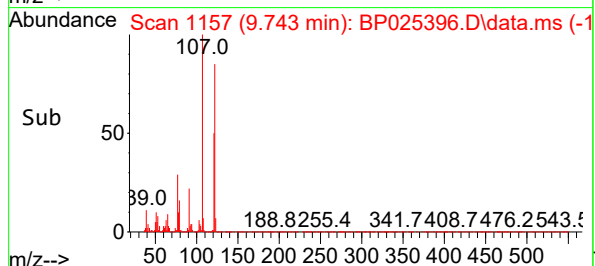
121 58.2 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.502 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

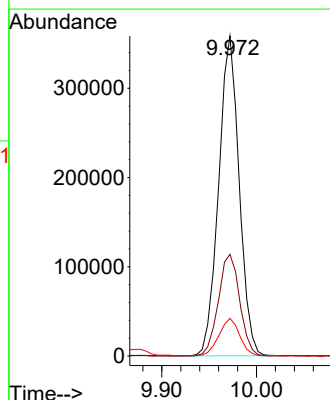
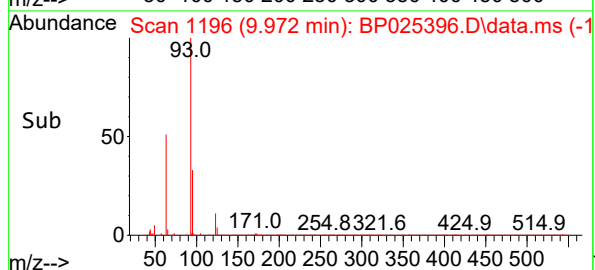
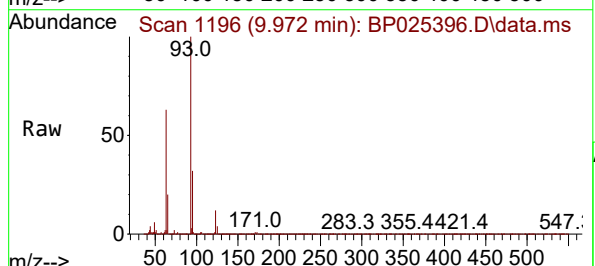
Tgt Ion: 93 Resp: 540282

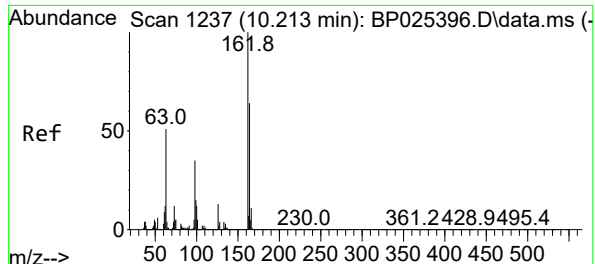
Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.0

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.427 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 40523

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

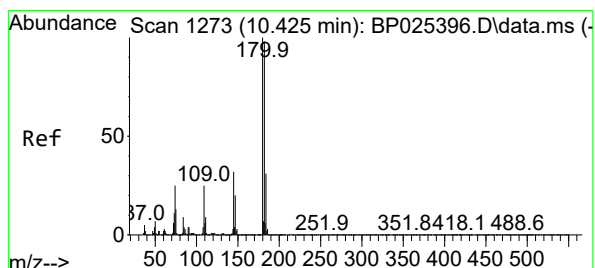
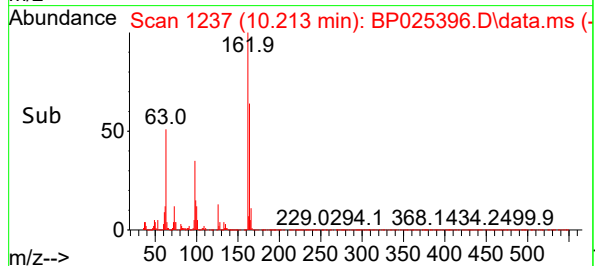
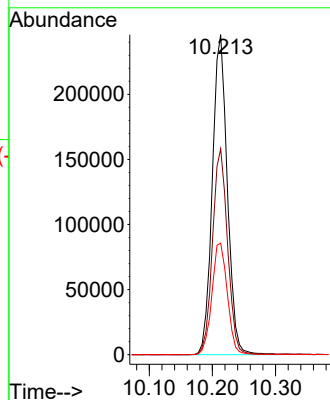
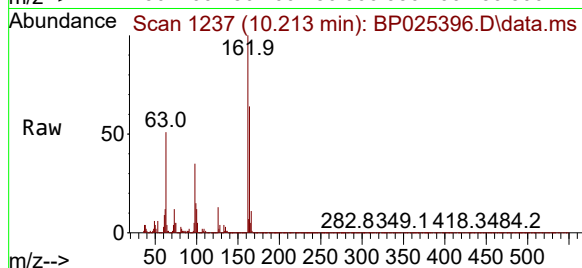
98 34.9 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.529 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

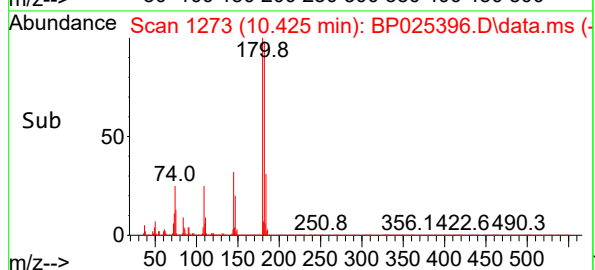
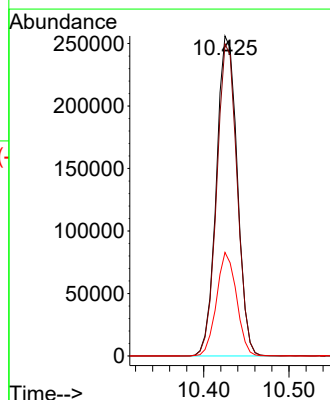
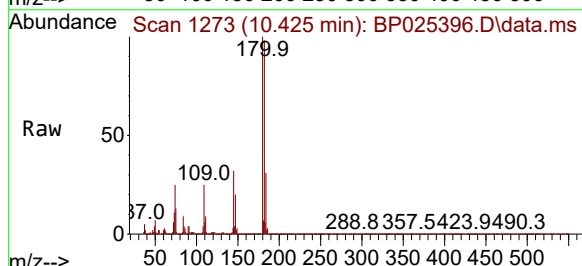
Tgt Ion:180 Resp: 434105

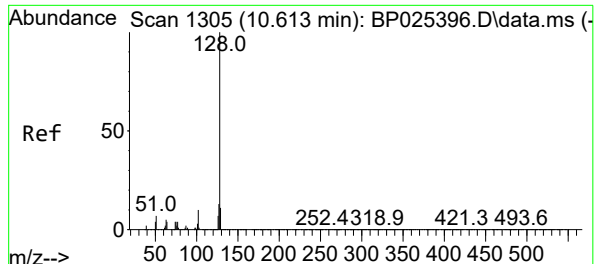
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

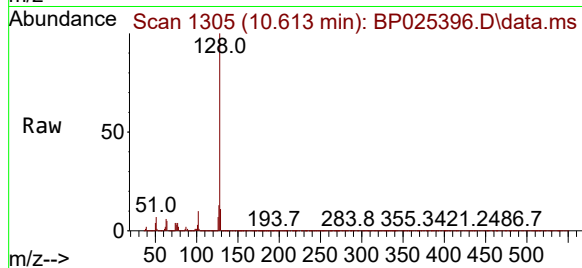
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

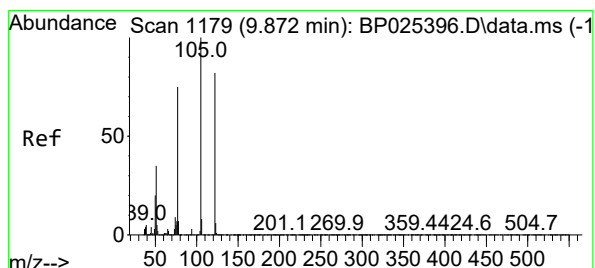
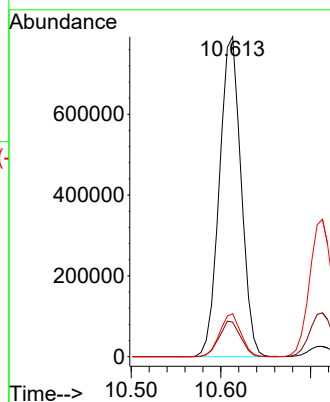
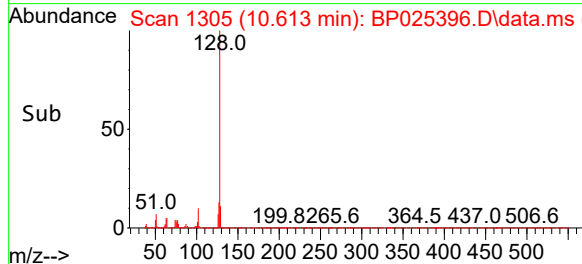
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1326839
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

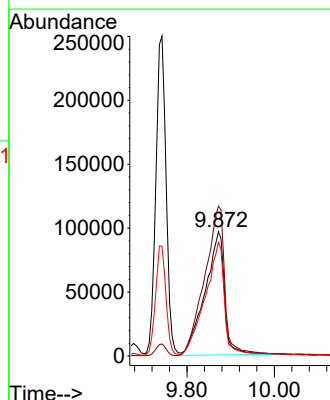
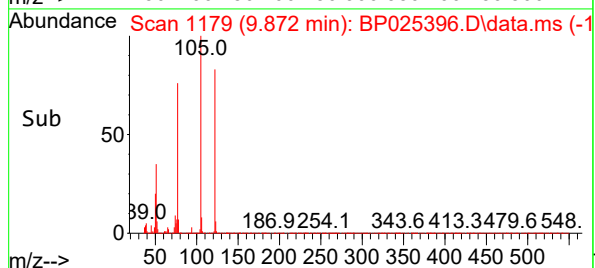
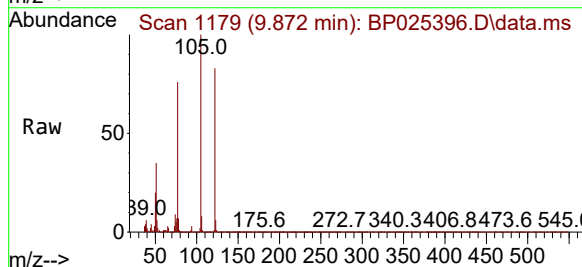
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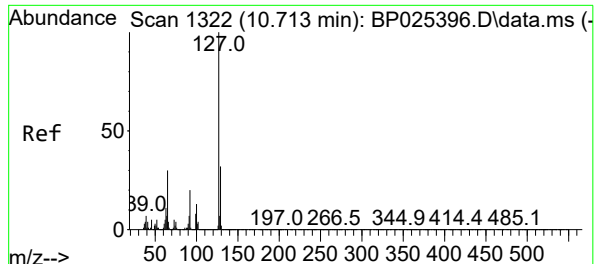
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

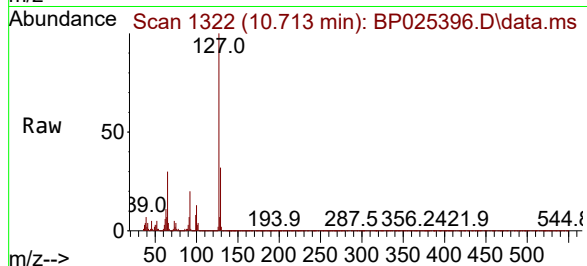
Tgt Ion:122 Resp: 301281
Ion Ratio Lower Upper
122 100
105 120.6 100.6 140.6
77 91.5 71.5 111.5





#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

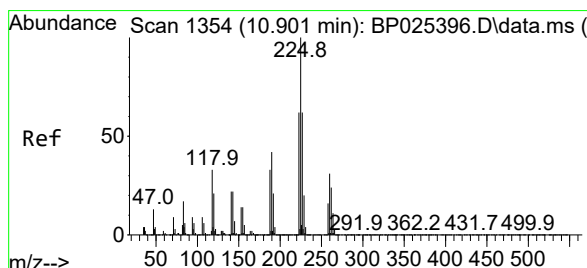
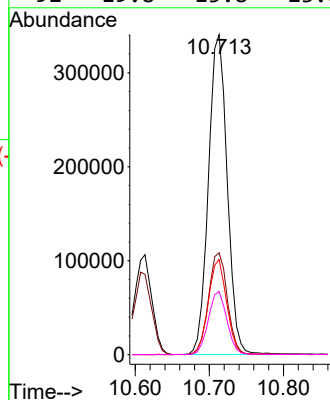
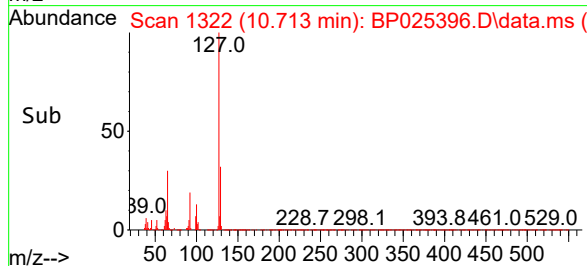
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



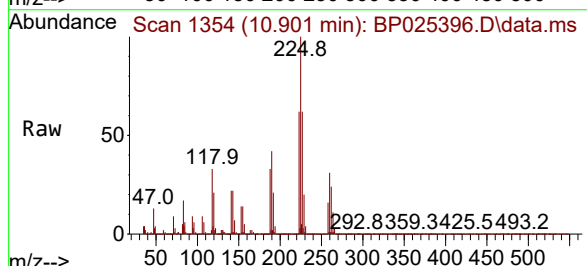
Tgt Ion:127 Resp: 599460
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 29.7 23.8 35.6
92 19.8 15.8 23.8

Manual Integrations
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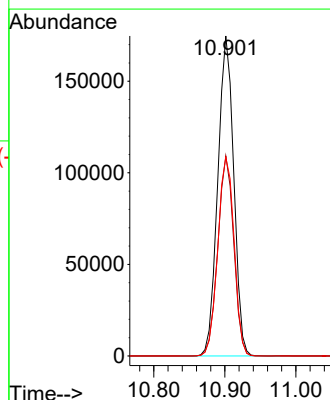
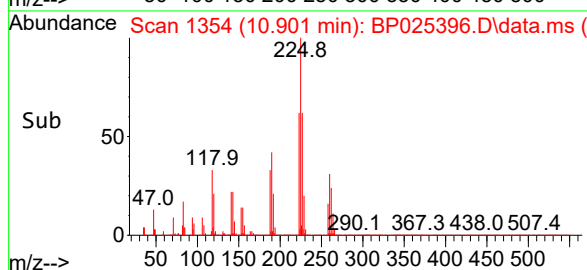
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

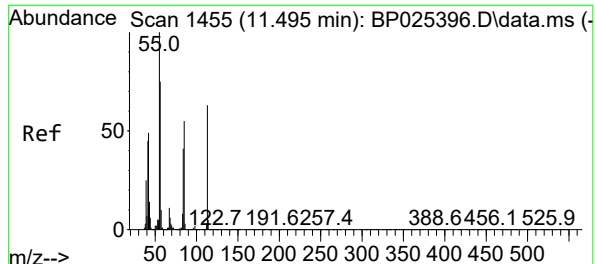


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



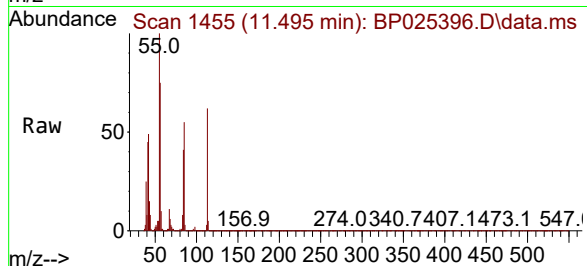
Tgt Ion:225 Resp: 271549
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

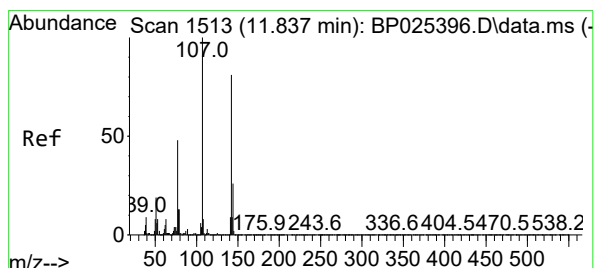
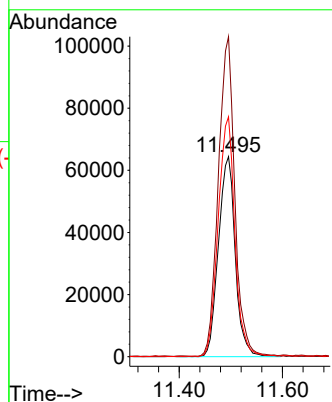
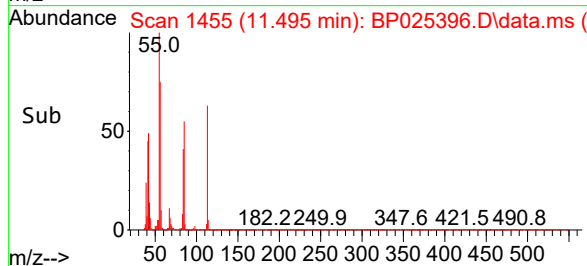
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 14517
Ion Ratio Lower Upper
113 100
55 160.0 140.0 180.0
56 120.0 100.0 140.0

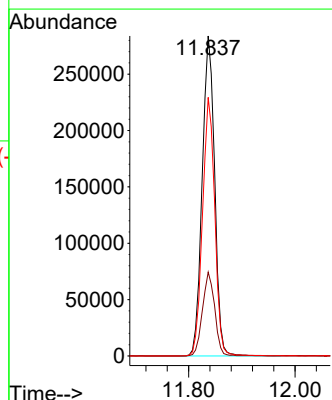
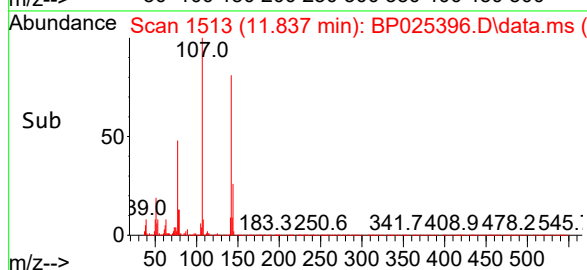
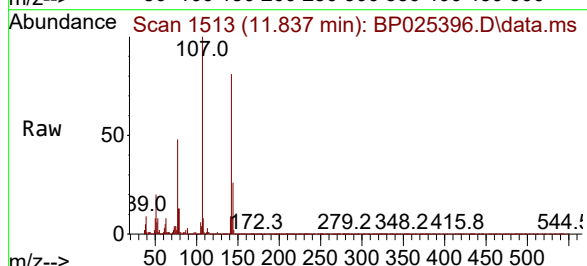
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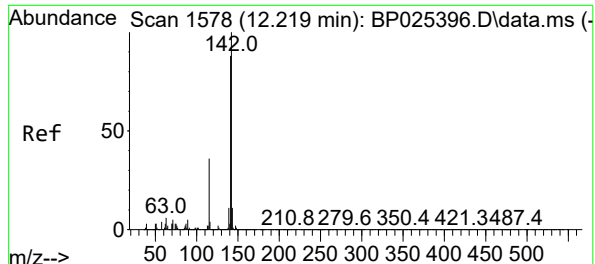
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 80.8 64.6 97.0





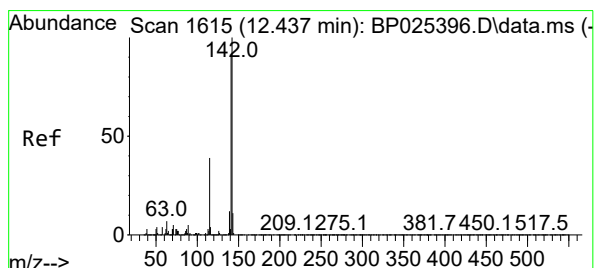
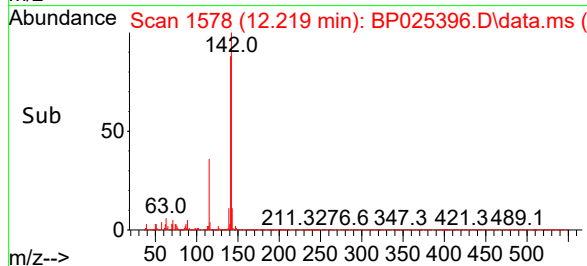
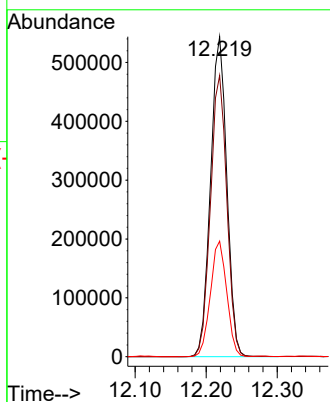
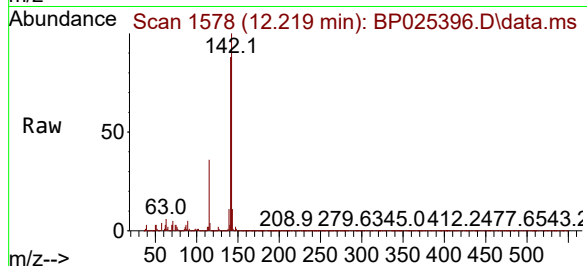
#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 86542
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 36.1 28.9 43.3

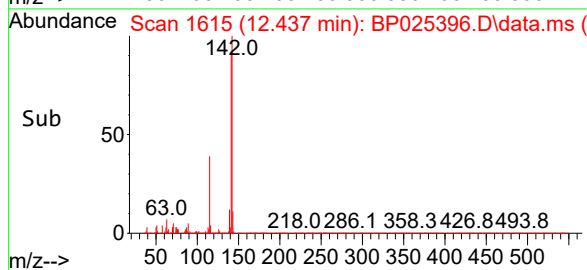
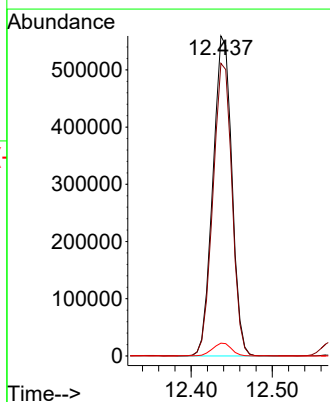
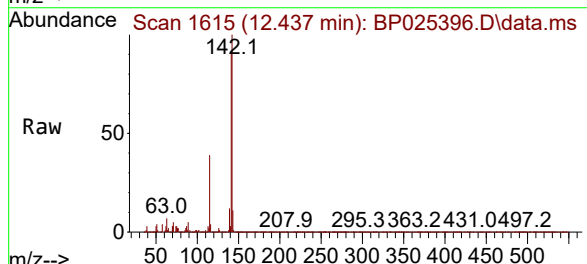
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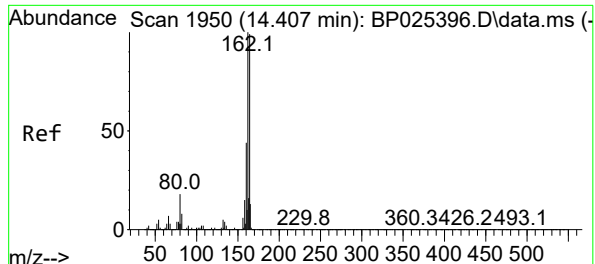
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

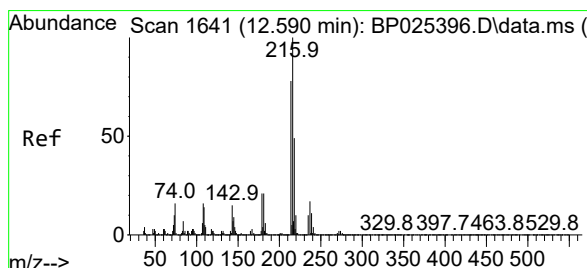
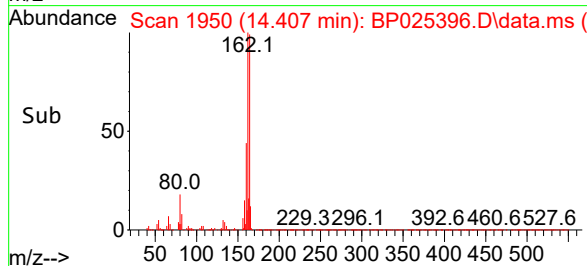
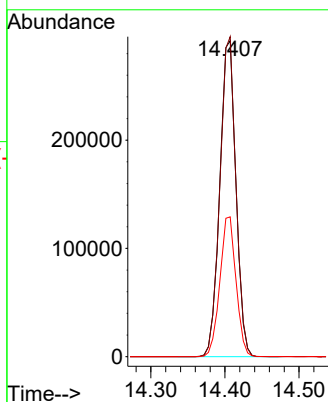
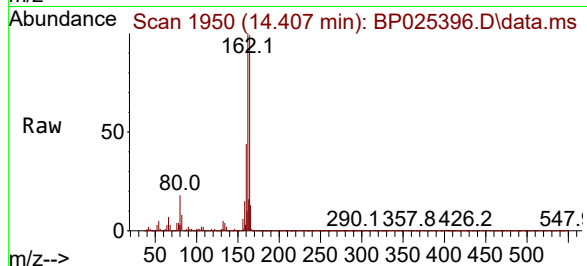
Tgt Ion:	164	Resp:	441110
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	44.3	35.4	53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.787 ng

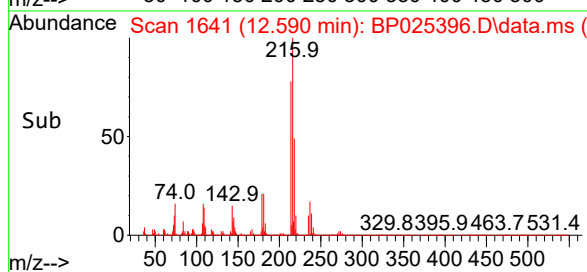
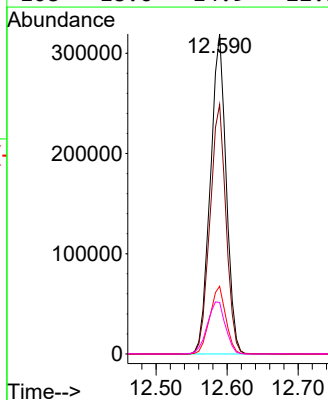
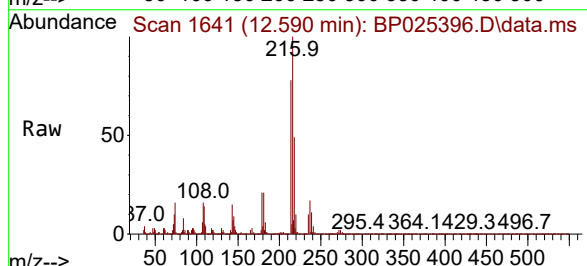
RT: 12.590 min Scan# 1641

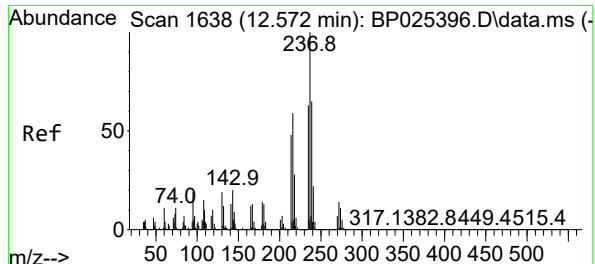
Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:	216	Resp:	494141
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.4	17.1	25.7
108	18.6	14.9	22.3





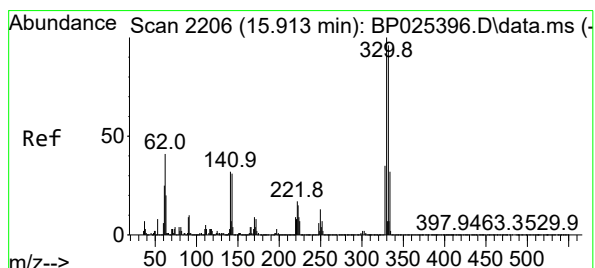
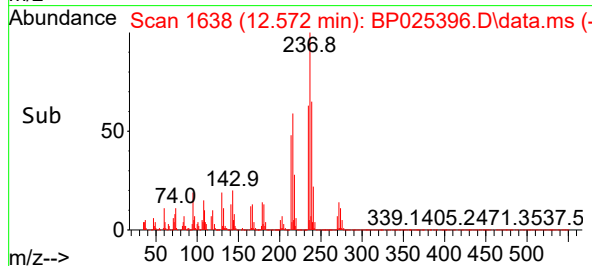
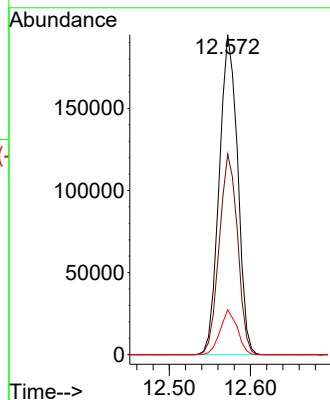
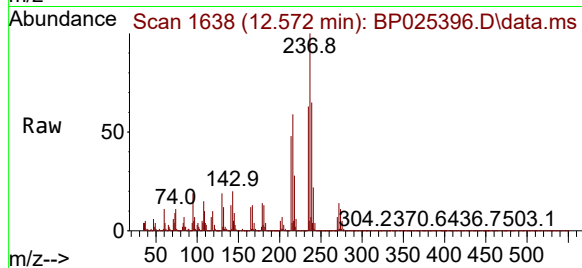
#41
Hexachlorocyclopentadiene
Concen: 39.896 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 237 Resp: 307015
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 14.0 0.0 34.0

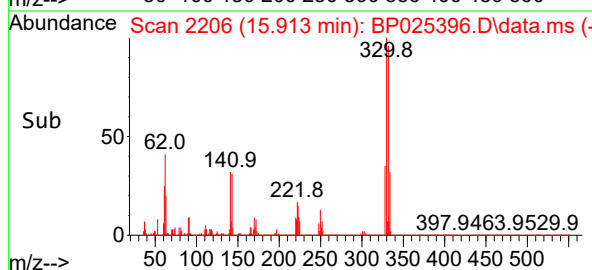
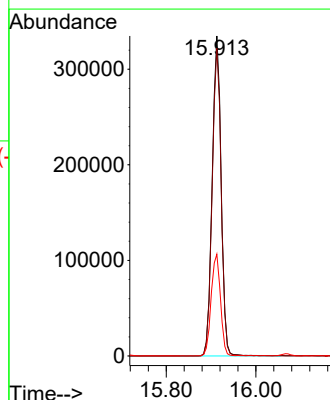
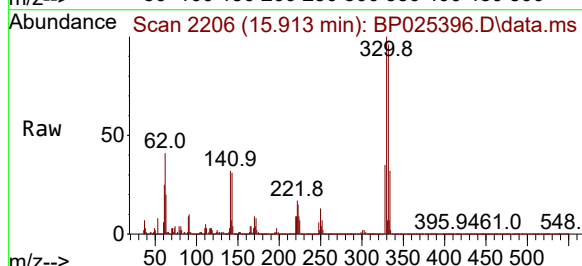
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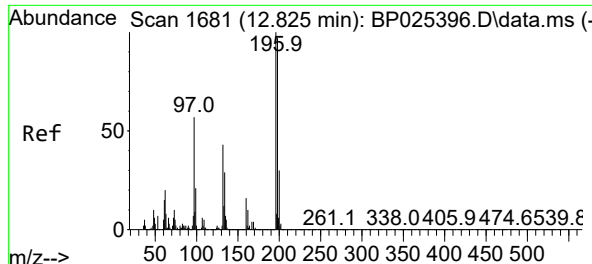
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 330 Resp: 463783
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.201 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

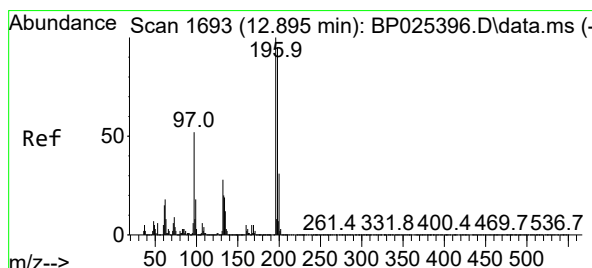
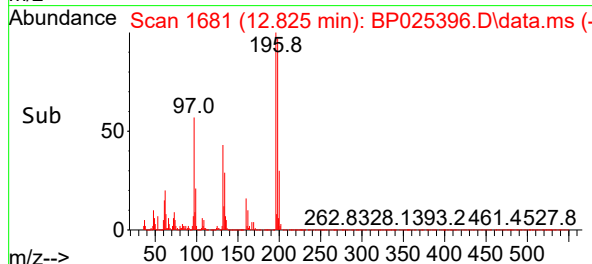
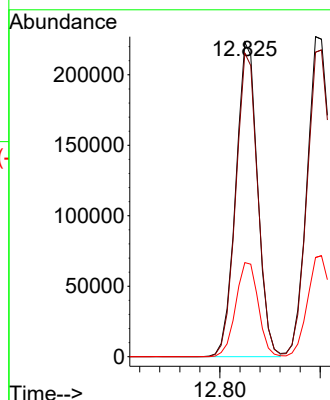
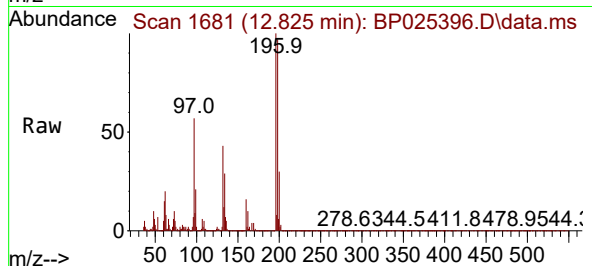
Tgt Ion:	196	Resp:	33715
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.2	115.8
200	29.9	23.9	35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 39.664 ng

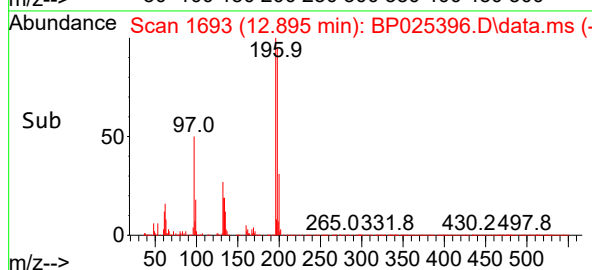
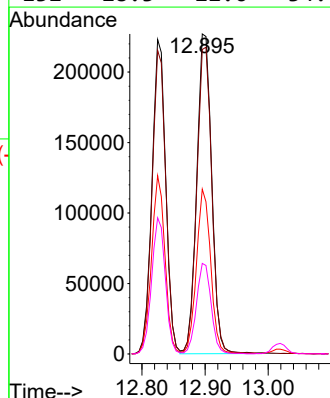
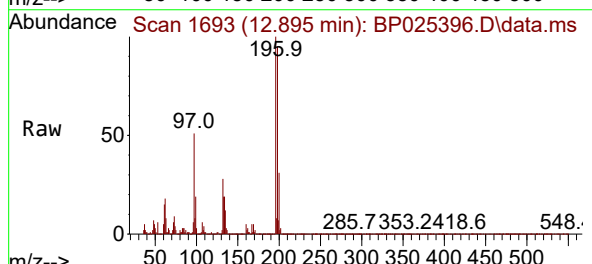
RT: 12.895 min Scan# 1693

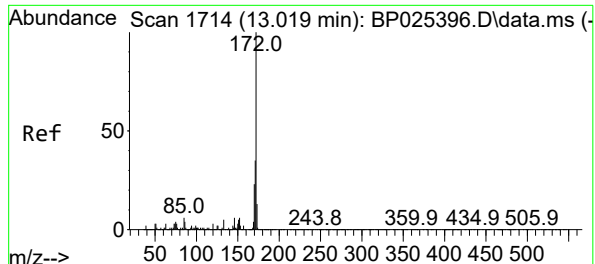
Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

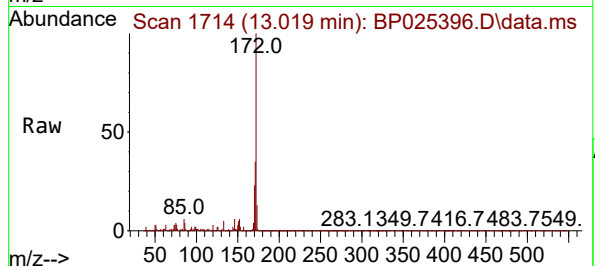
Tgt Ion:	196	Resp:	373880
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

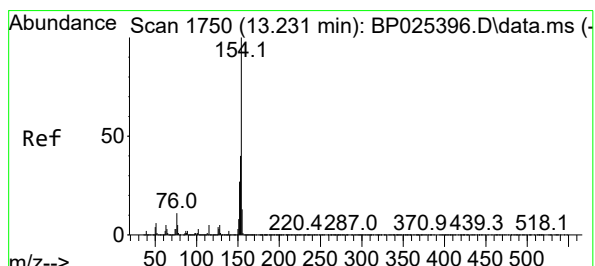
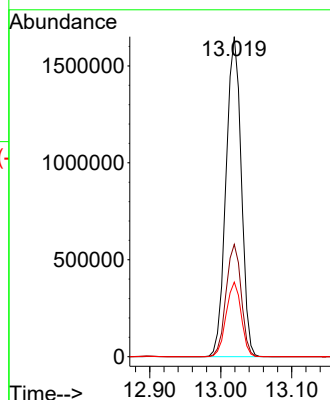
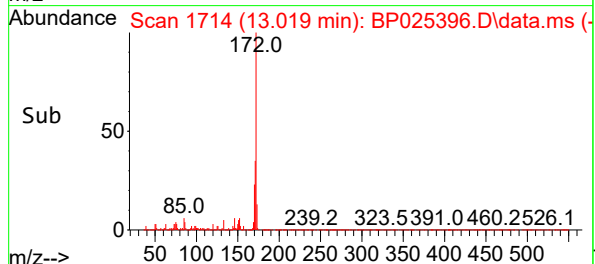
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



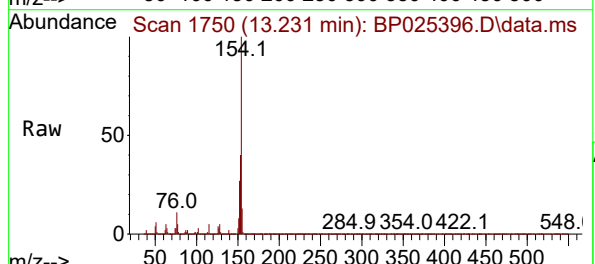
Tgt Ion:172 Resp: 245678
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.6 28.0

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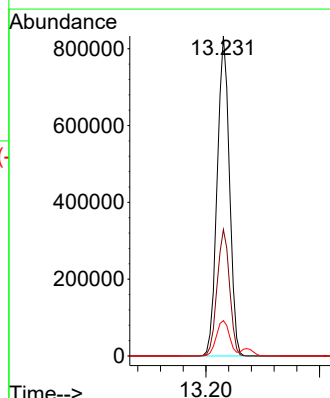
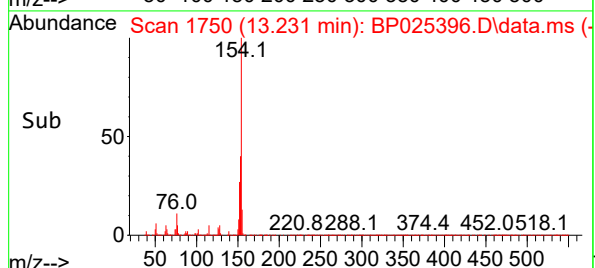
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

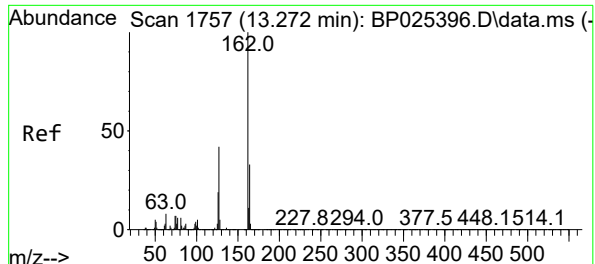


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



Tgt Ion:154 Resp: 1242247
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.930 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 97090

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

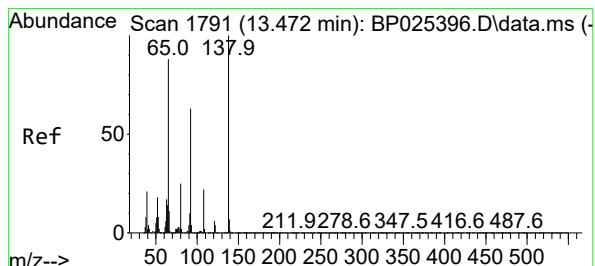
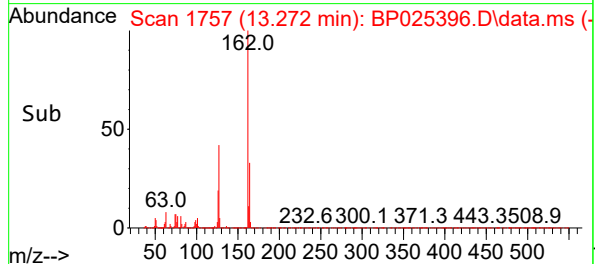
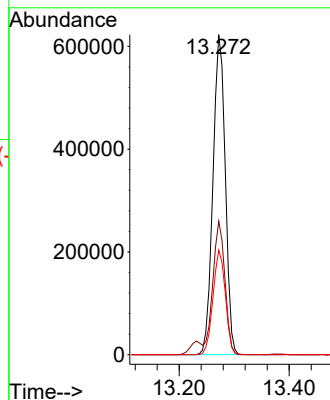
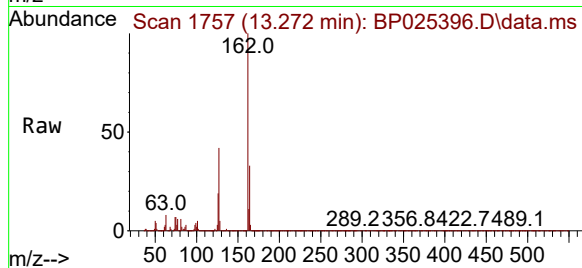
164 32.7 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 40.092 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

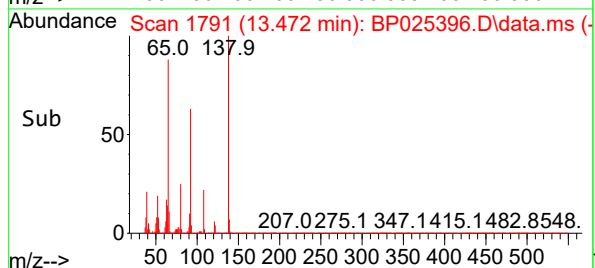
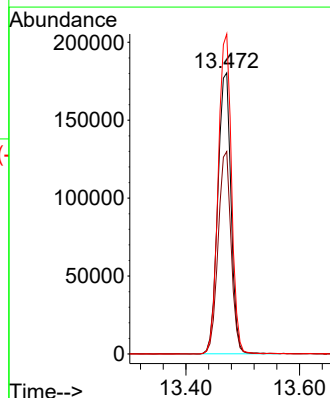
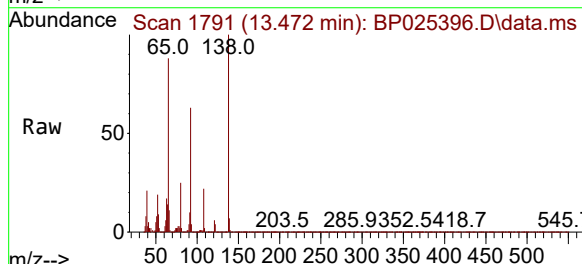
Tgt Ion: 65 Resp: 291341

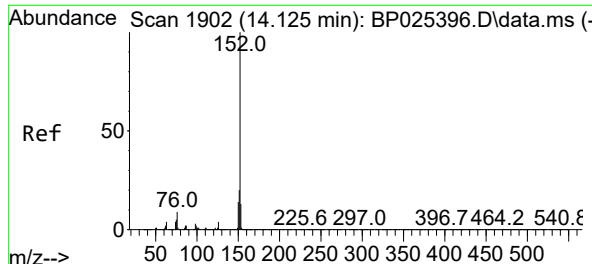
Ion Ratio Lower Upper

65 100

92 72.0 57.6 86.4

138 113.8 91.0 136.6





#49

Acenaphthylene

Concen: 38.617 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1593630

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

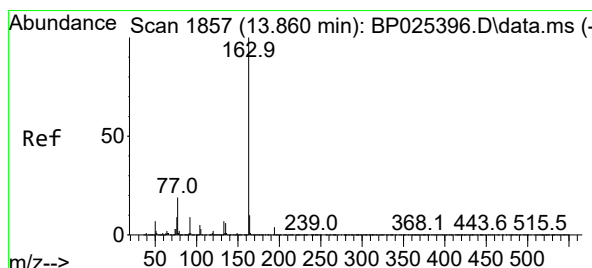
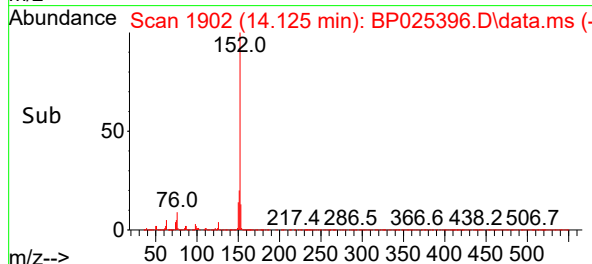
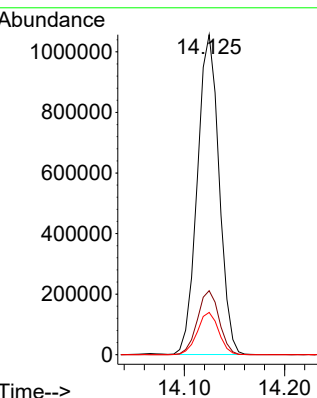
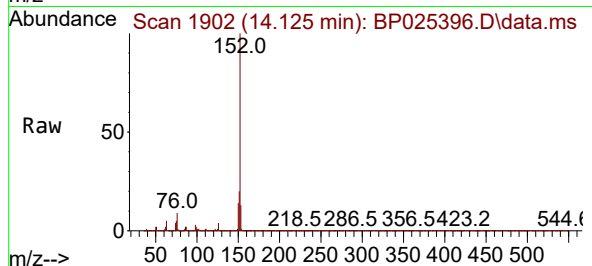
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 38.316 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

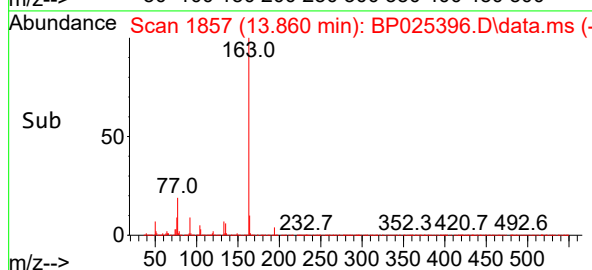
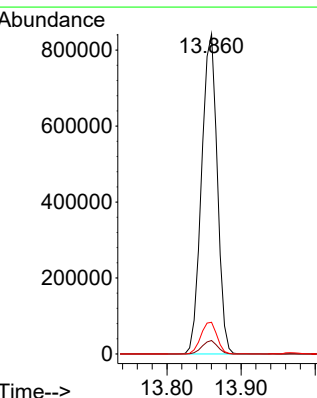
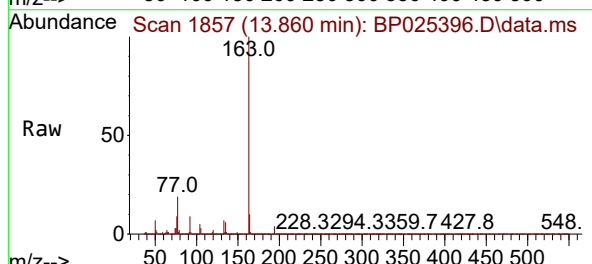
Tgt Ion:163 Resp: 1237666

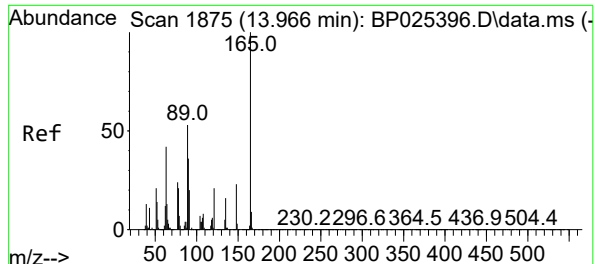
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.061 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 272750

Ion Ratio Lower Upper

165 100

63 51.1 40.9 61.3

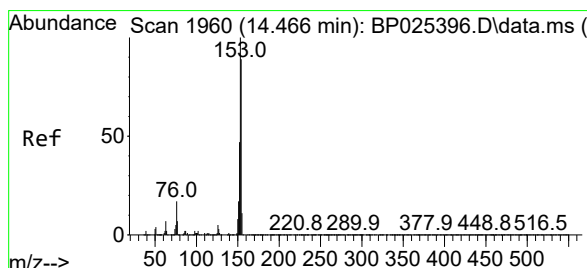
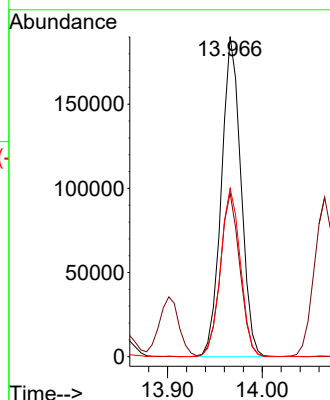
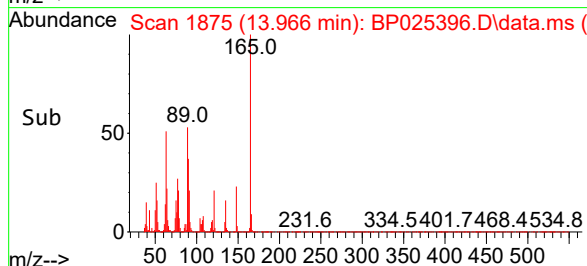
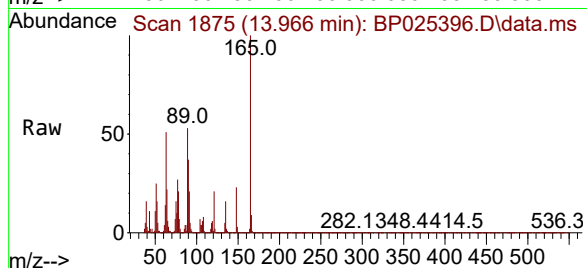
89 52.6 42.1 63.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#52

Acenaphthene

Concen: 37.921 ng

RT: 14.466 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

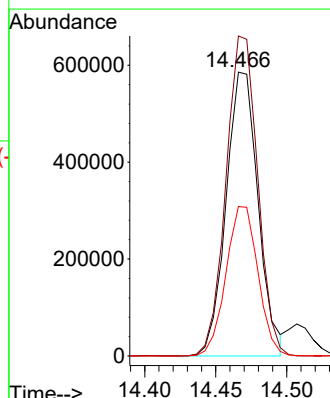
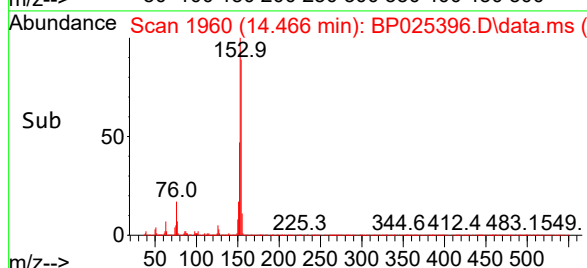
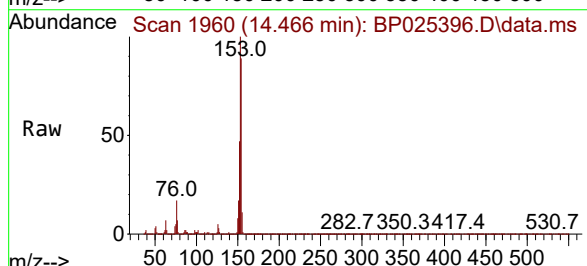
Tgt Ion:154 Resp: 918569

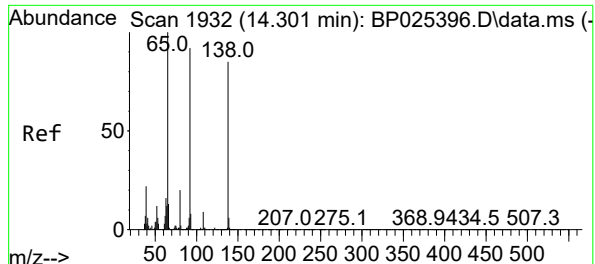
Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.2

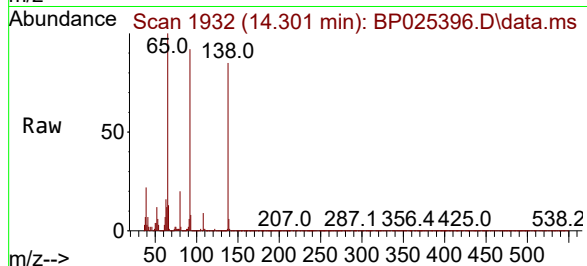
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

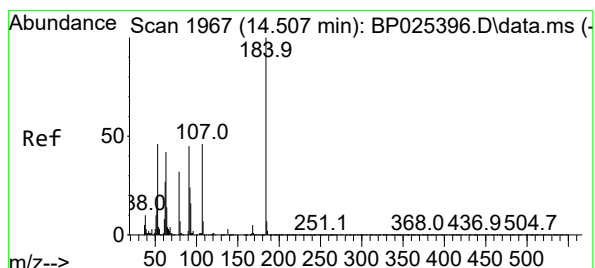
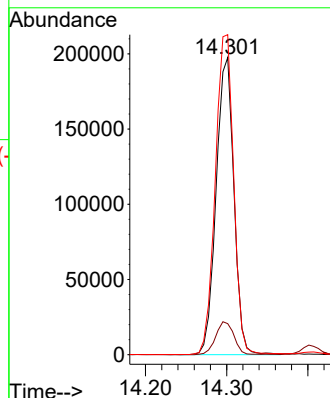
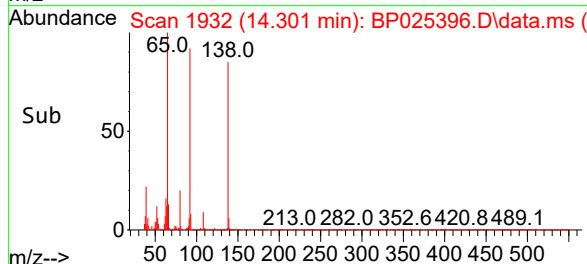
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 30141
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 107.7 86.2 129.2

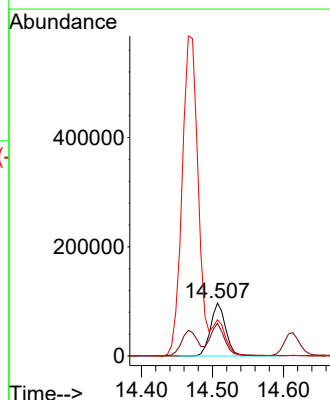
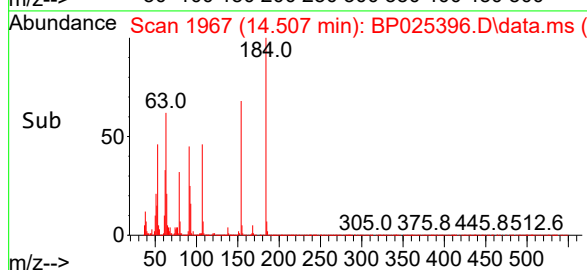
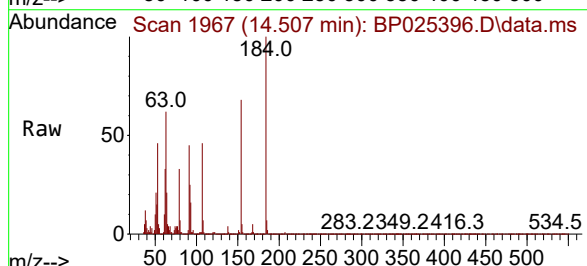
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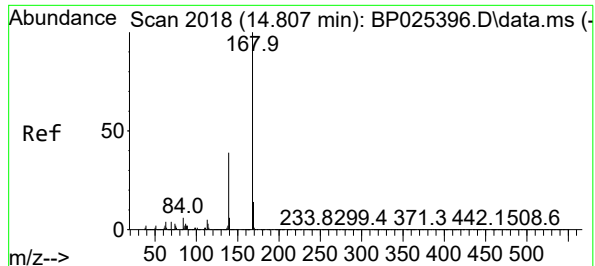
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

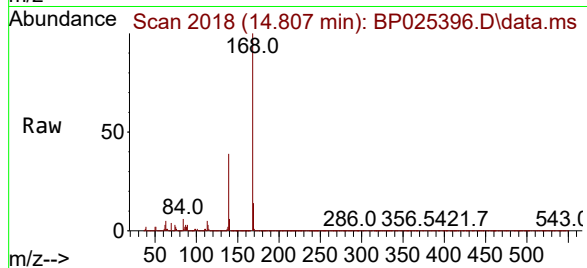
Tgt Ion:184 Resp: 144100
Ion Ratio Lower Upper
184 100
63 61.8 49.4 74.2
154 68.3 54.6 82.0





#55
Dibenzenofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

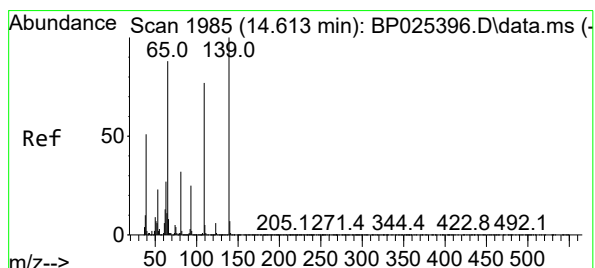
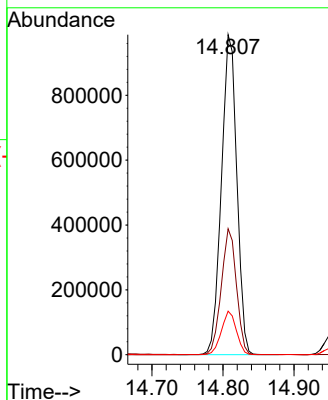
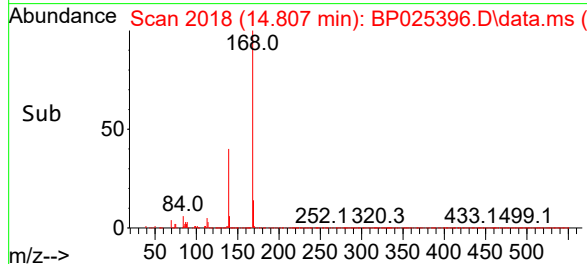
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1479220
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.6 10.9 16.3

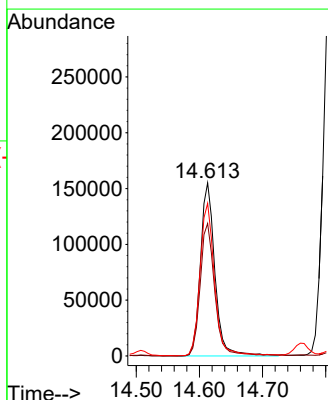
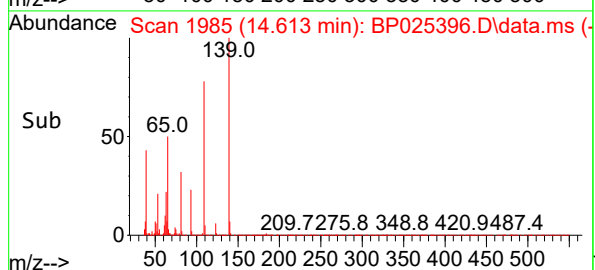
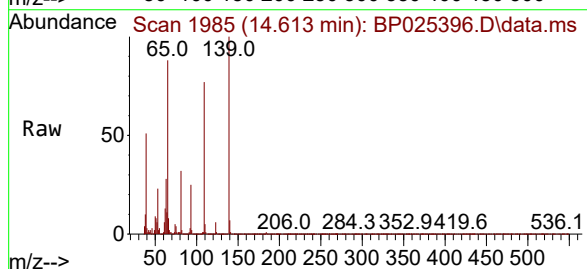
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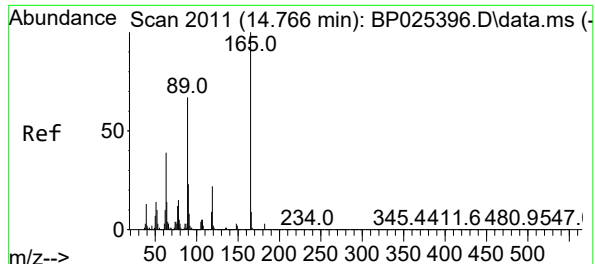
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

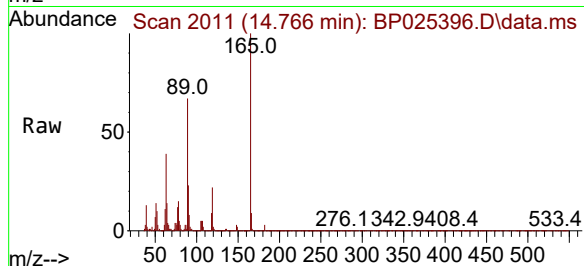
Tgt Ion:139 Resp: 246542
Ion Ratio Lower Upper
139 100
109 76.6 56.6 96.6
65 88.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

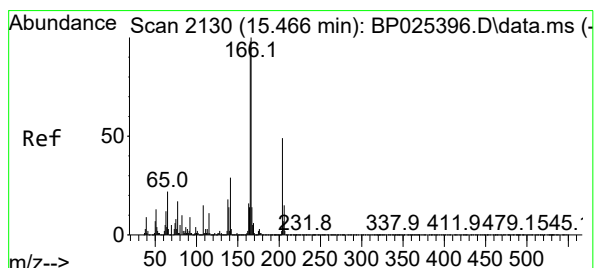
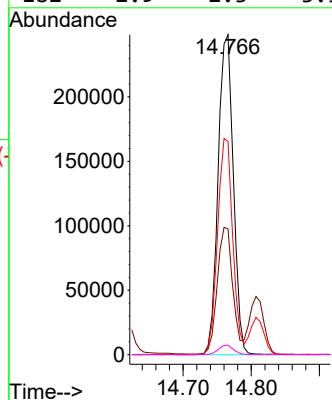
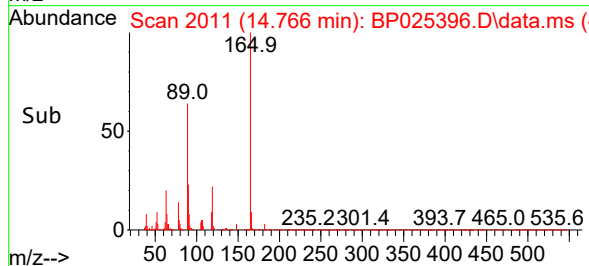
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 386189
Ion Ratio Lower Upper
165 100
63 39.3 31.4 47.2
89 66.6 53.3 79.9
182 2.9 2.3 3.5

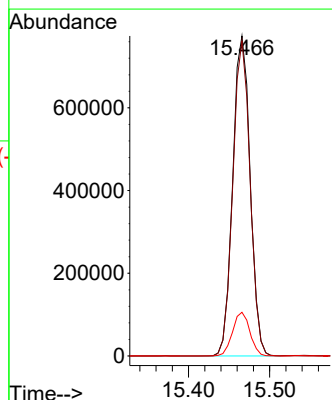
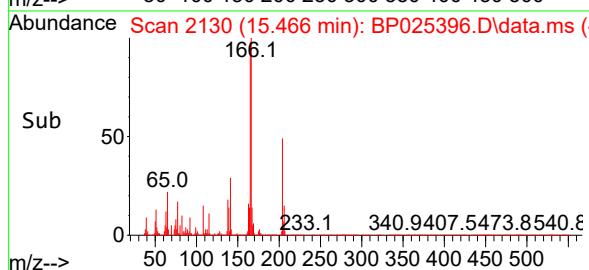
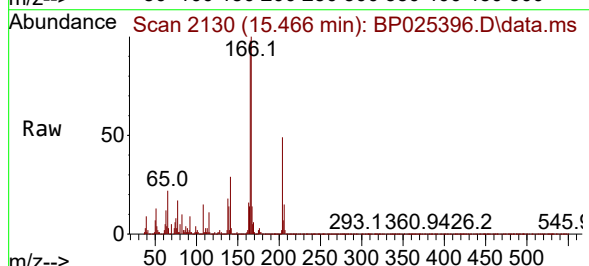
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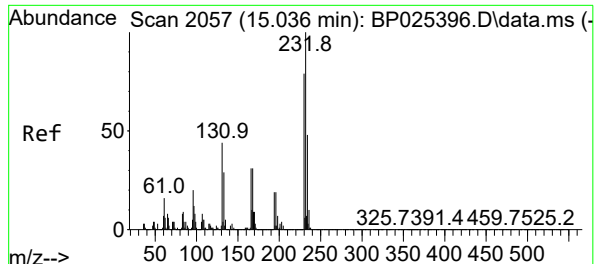
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.975 ng

RT: 15.036 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 324390

Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.6

130 2.4 1.9 2.9

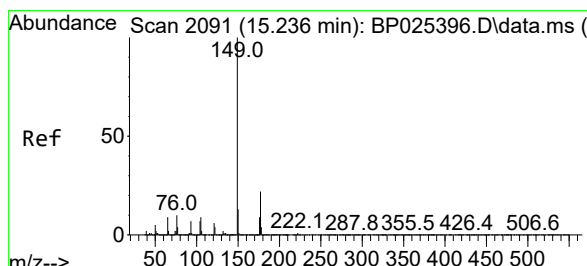
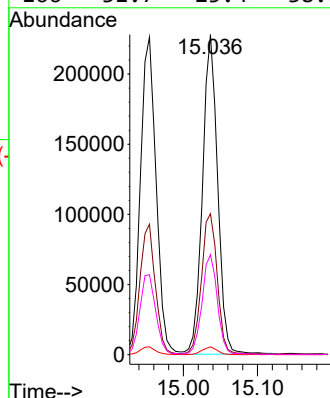
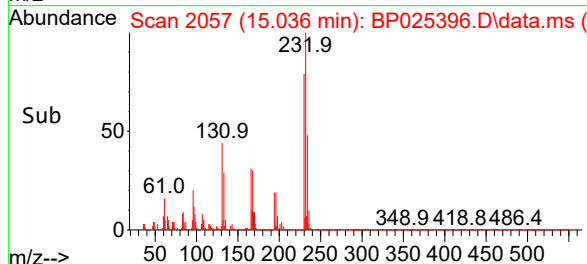
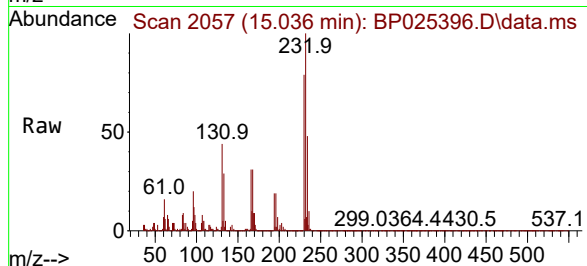
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 38.533 ng

RT: 15.236 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

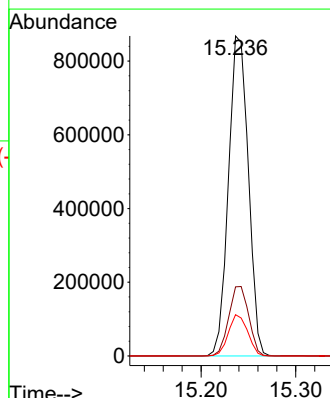
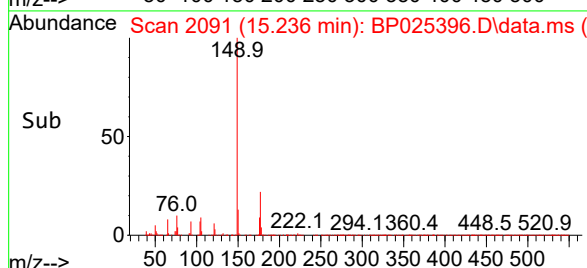
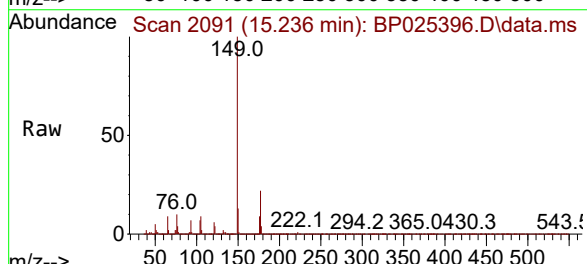
Tgt Ion:149 Resp: 1264740

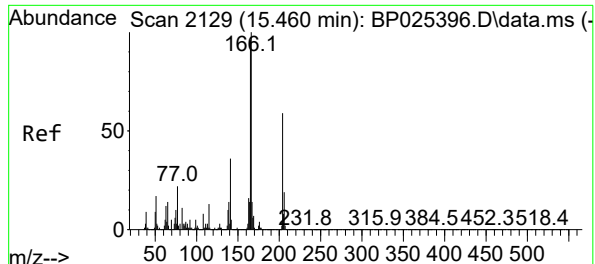
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

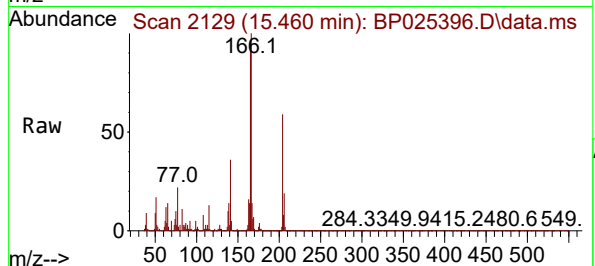
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

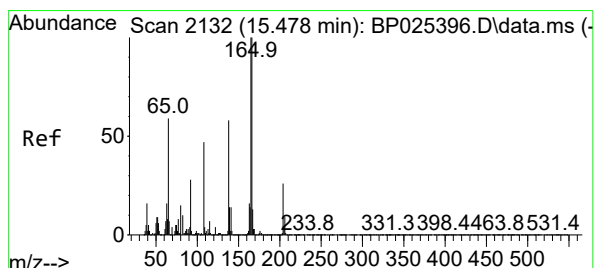
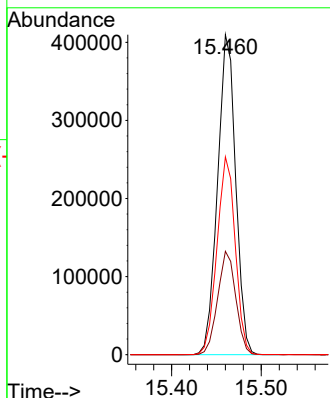
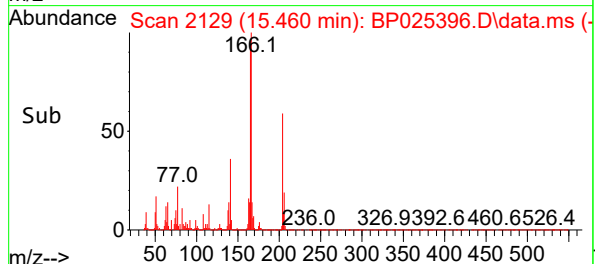
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 574540
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 61.8 49.4 74.2

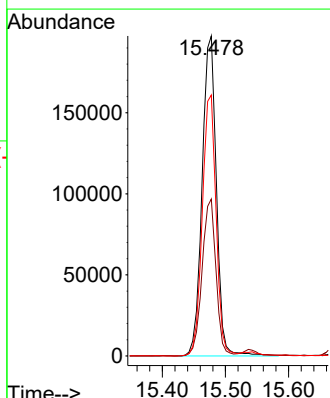
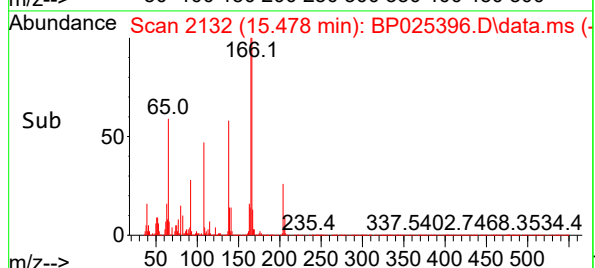
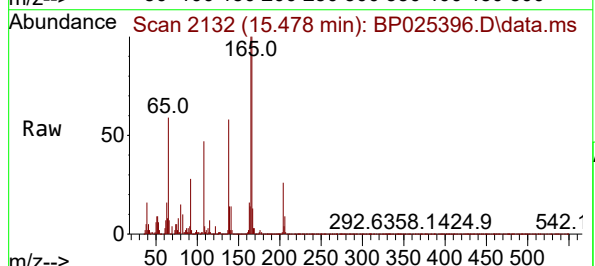
Manual Integrations
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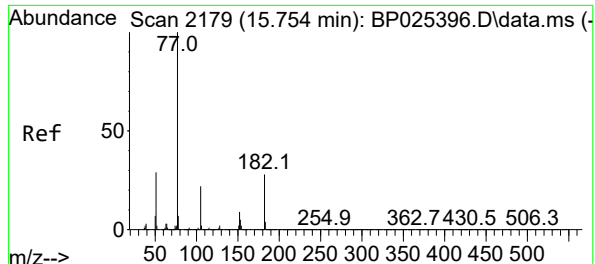
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

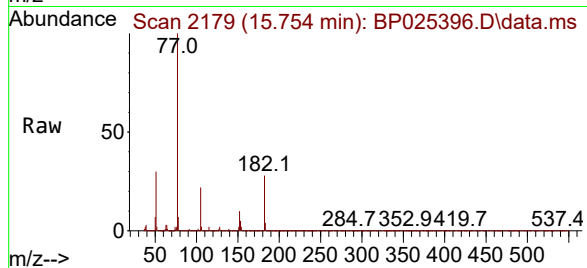
Tgt Ion:138 Resp: 309740
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 81.5 61.5 101.5





#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

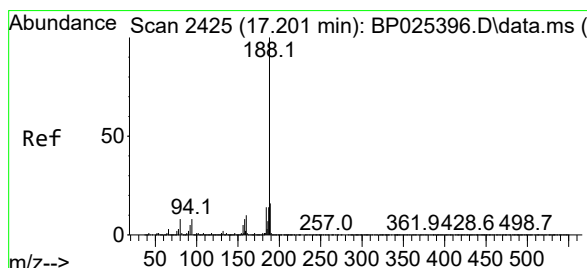
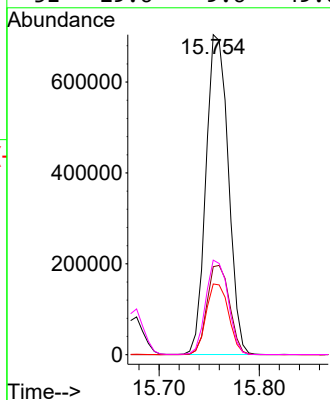
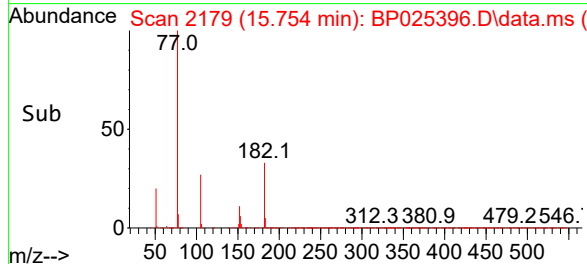
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 1091004
Ion Ratio Lower Upper
77 100
182 27.5 7.5 47.5
105 22.1 2.1 42.1
51 29.6 9.6 49.6

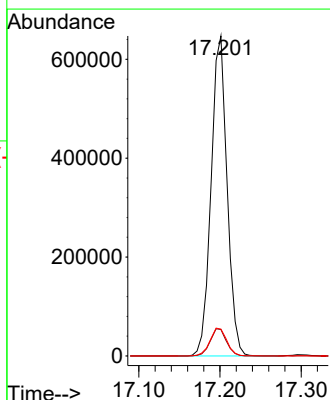
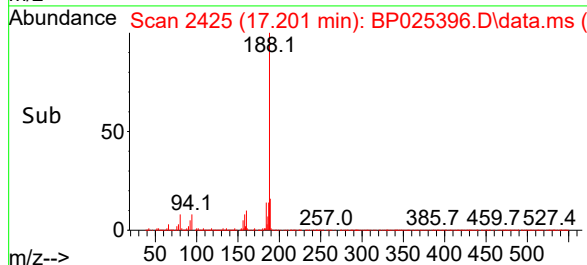
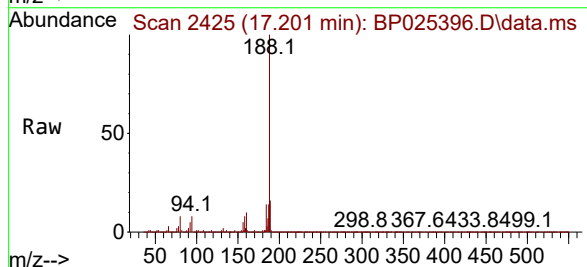
Manual Integrations
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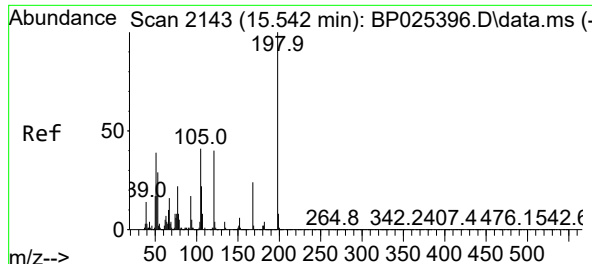
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:188 Resp: 884529
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.4 6.7 10.1





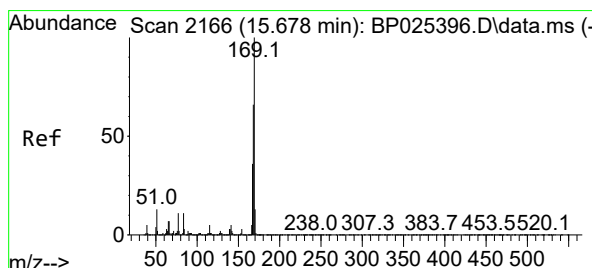
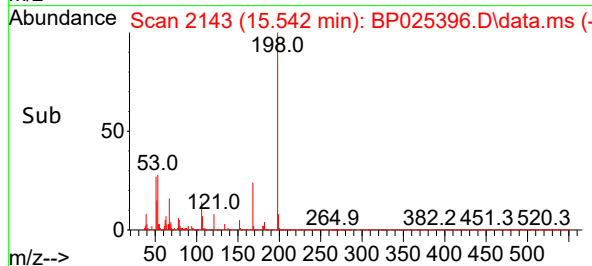
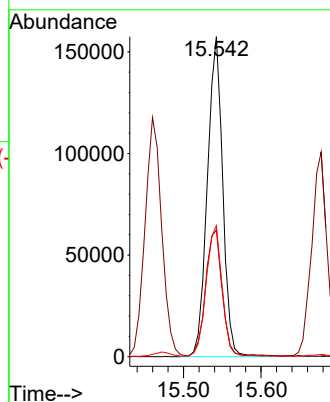
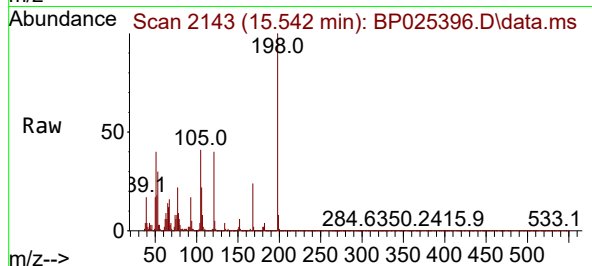
#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 21715
Ion Ratio Lower Upper
198 100
51 39.6 19.6 59.6
105 40.9 20.9 60.9

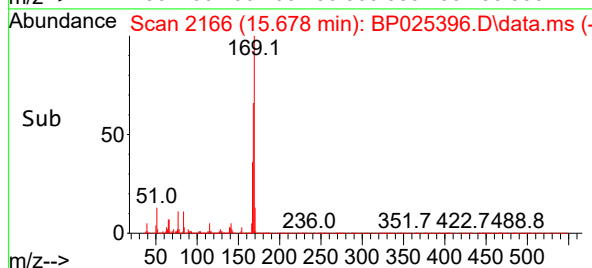
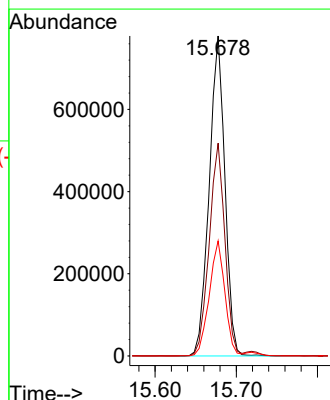
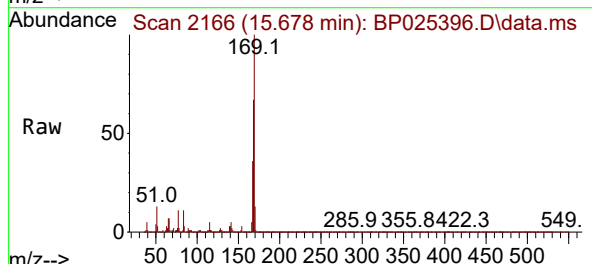
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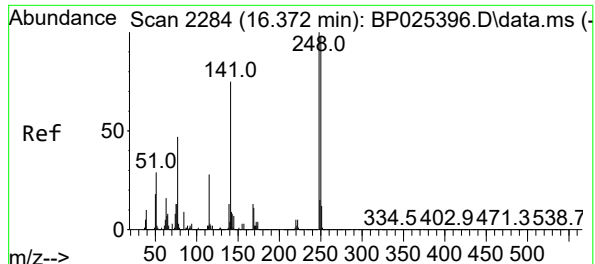
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 38.739 ng

RT: 16.372 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:248 Resp: 376864

Ion Ratio Lower Upper

248 100

250 97.7 78.2 117.2

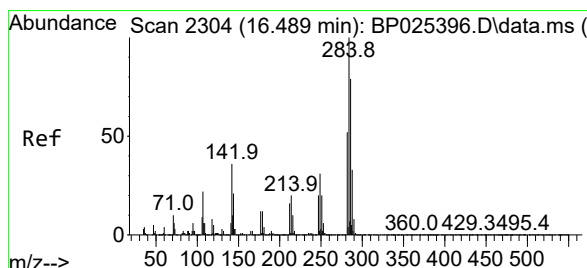
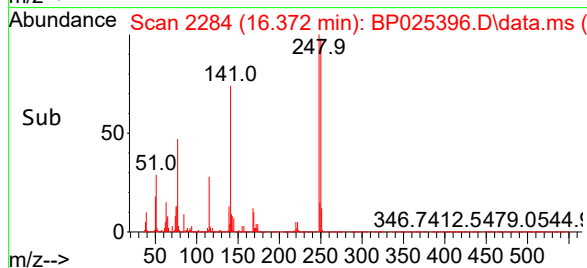
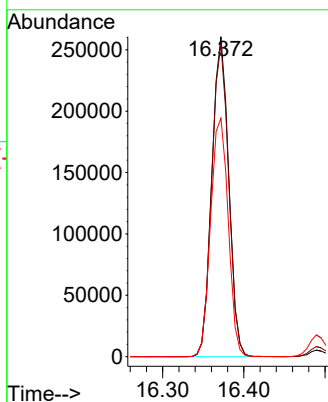
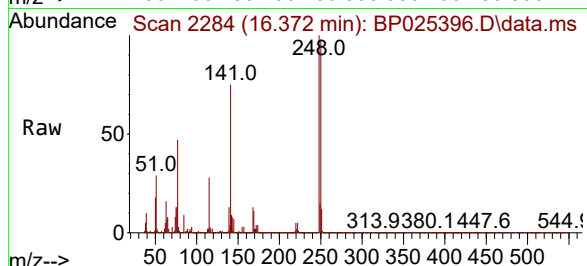
141 74.5 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 37.986 ng

RT: 16.489 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

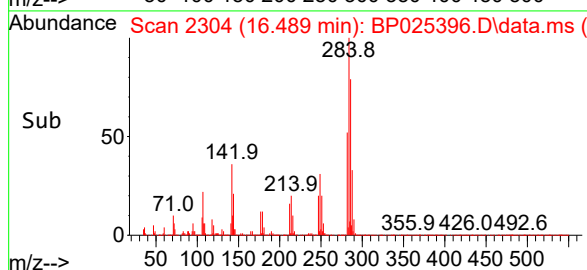
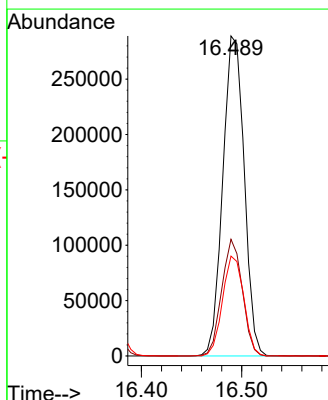
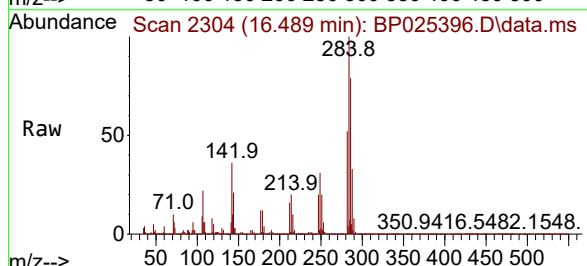
Tgt Ion:284 Resp: 428361

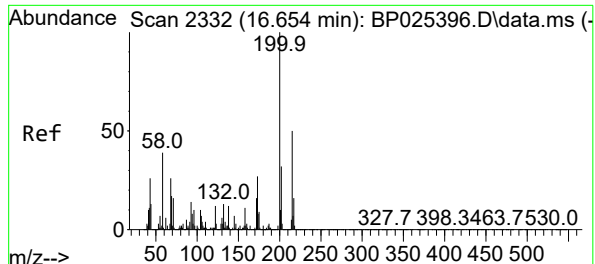
Ion Ratio Lower Upper

284 100

142 36.4 29.1 43.7

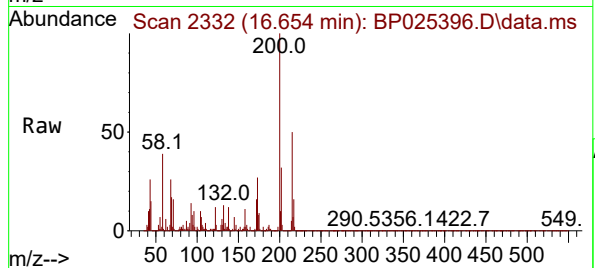
249 31.2 25.0 37.4





#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

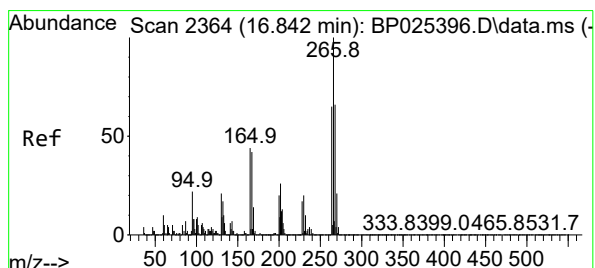
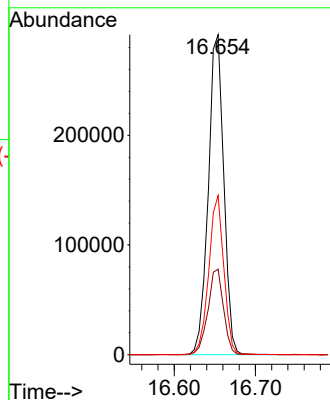
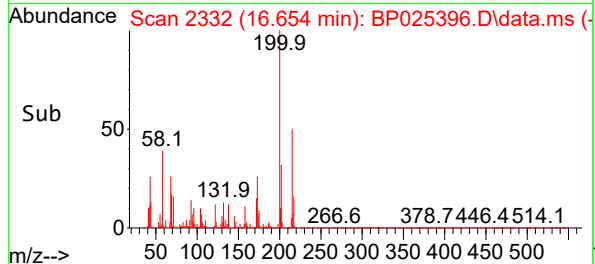
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 386250
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

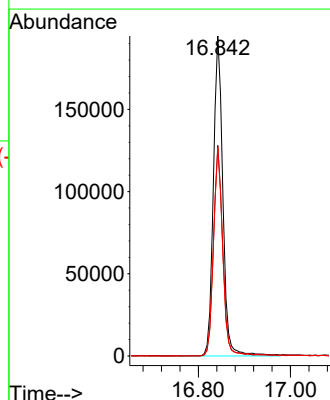
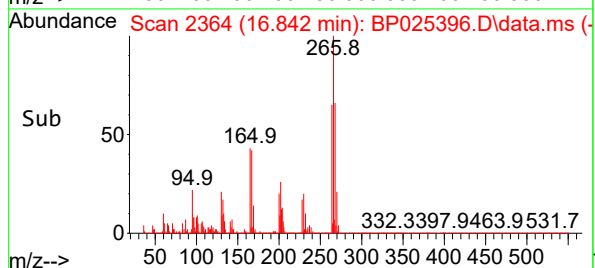
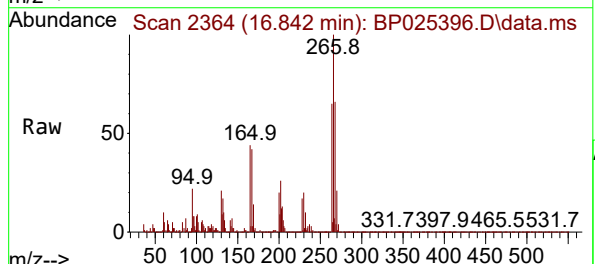
Manual Integrations
APPROVED

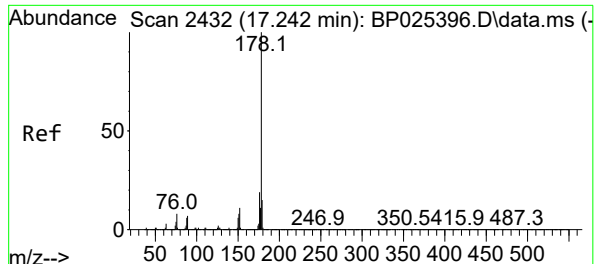
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

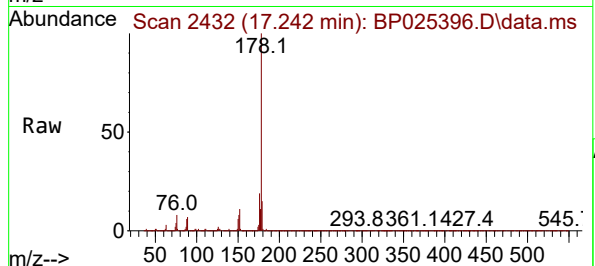
Tgt Ion:266 Resp: 278412
Ion Ratio Lower Upper
266 100
268 65.8 52.6 79.0
264 65.0 52.0 78.0





#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

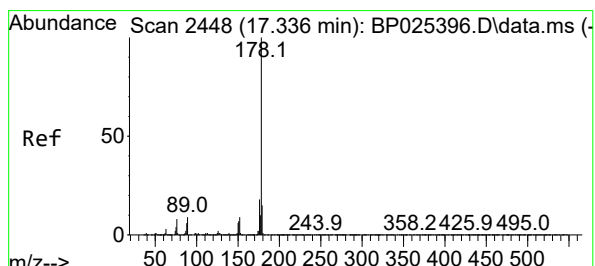
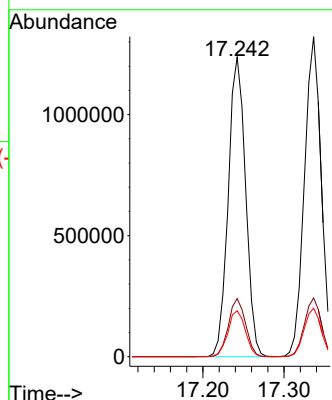
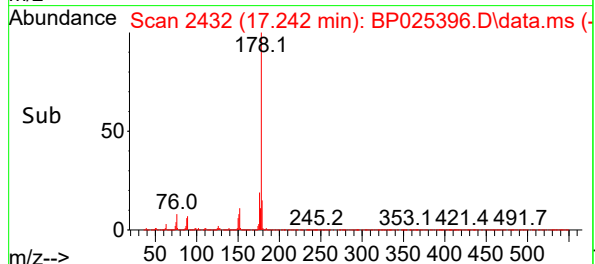
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 183919
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4

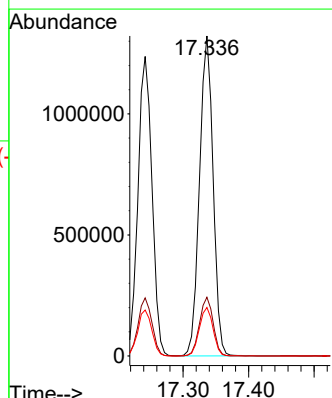
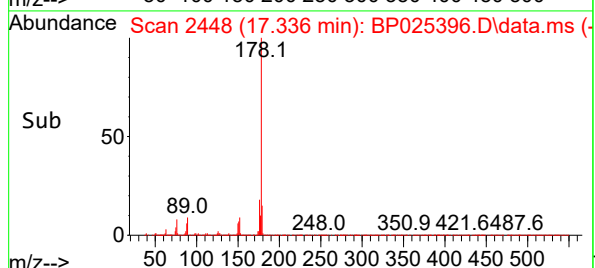
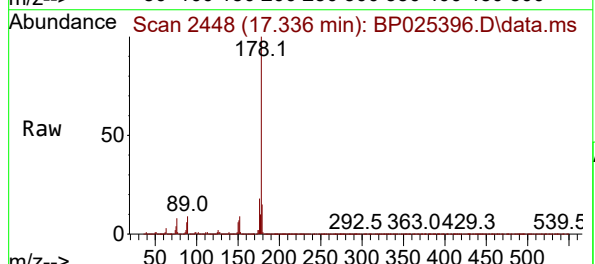
Manual Integrations
APPROVED

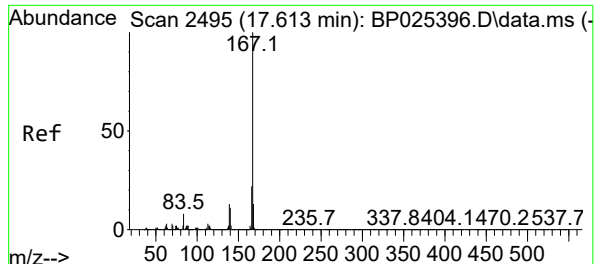
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

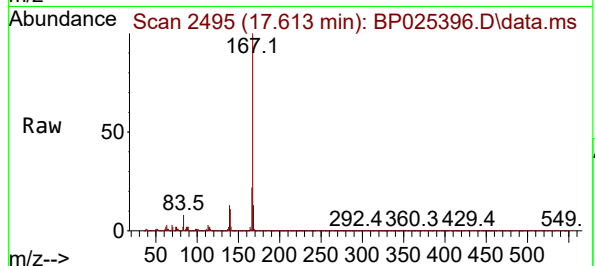
Tgt Ion:178 Resp: 1908189
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

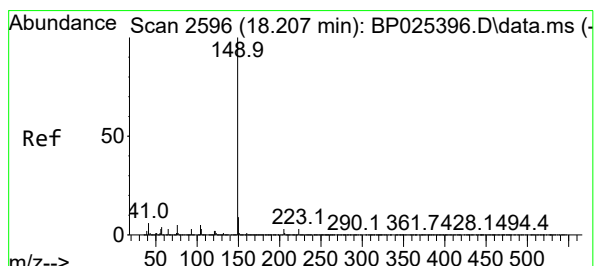
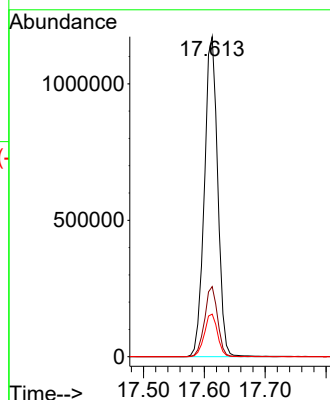
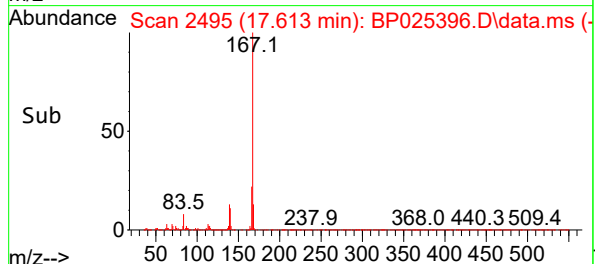
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1781890
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.3 10.6 16.0

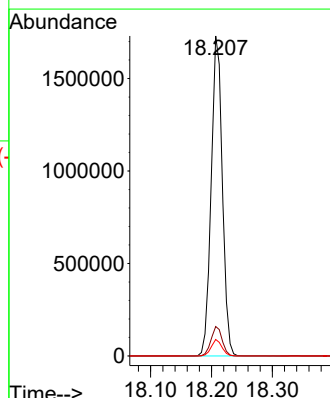
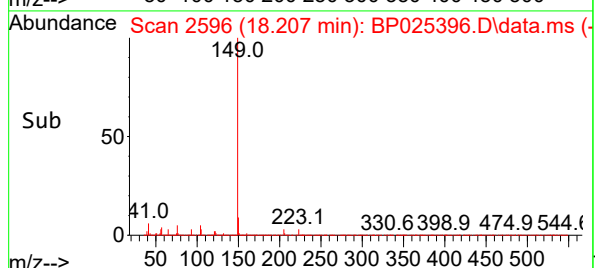
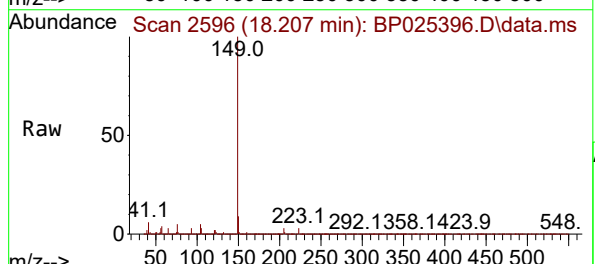
Manual Integrations
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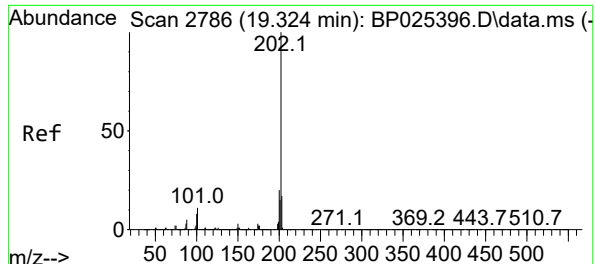
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

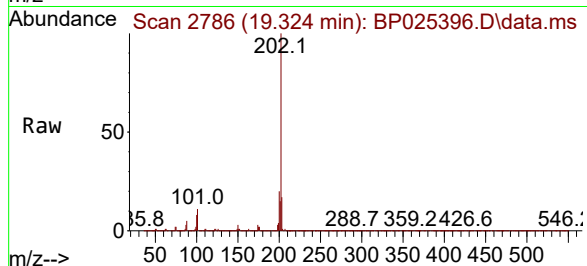
Tgt Ion:149 Resp: 2201043
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

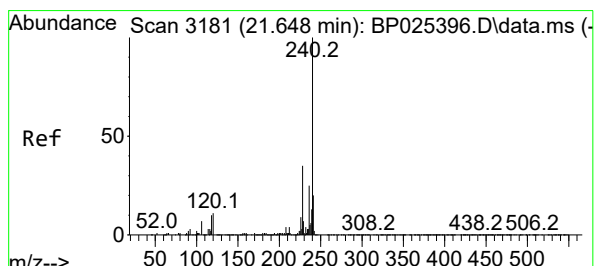
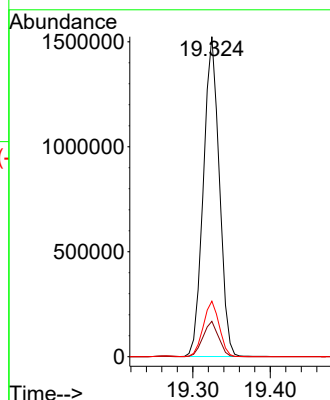
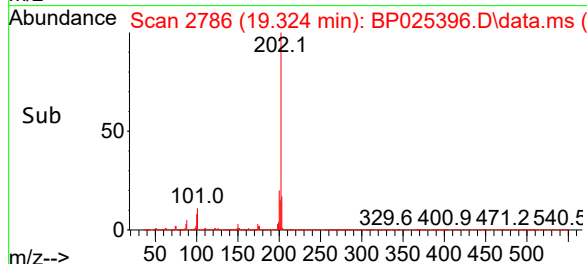
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2172758
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.3 0.0 37.3

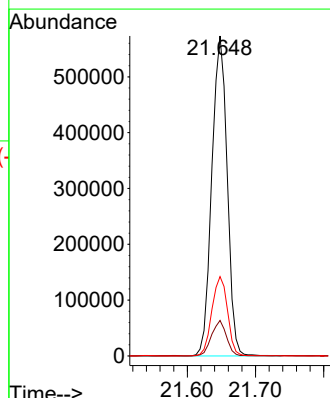
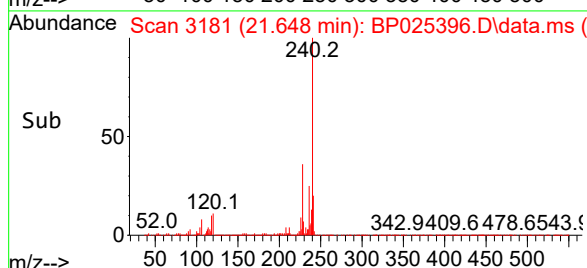
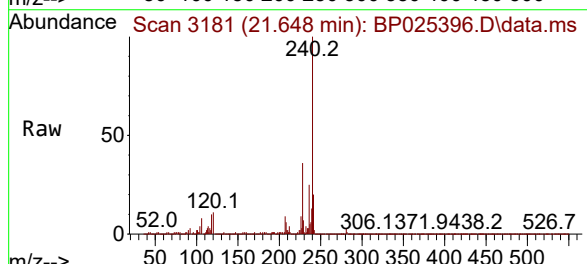
Manual Integrations
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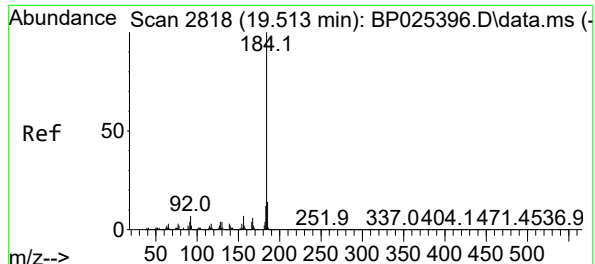
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

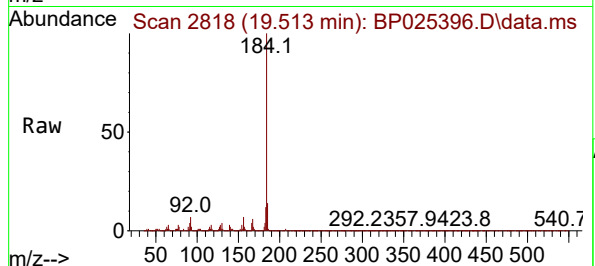
Tgt Ion:240 Resp: 899207
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 24.8 19.8 29.8





#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

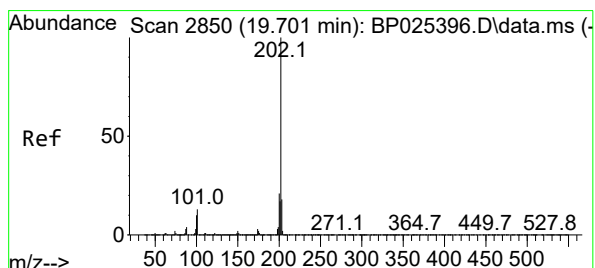
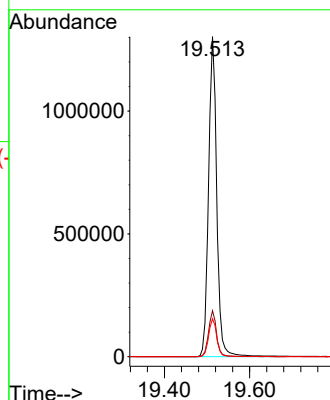
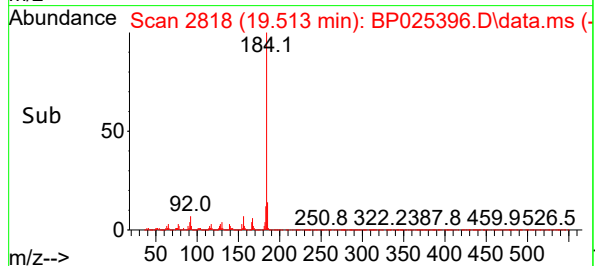
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1738920
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.8 9.4 14.2

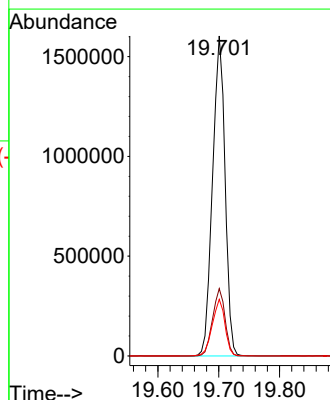
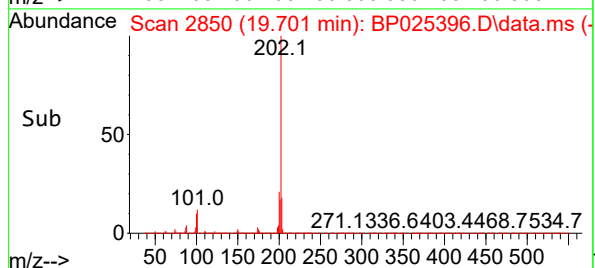
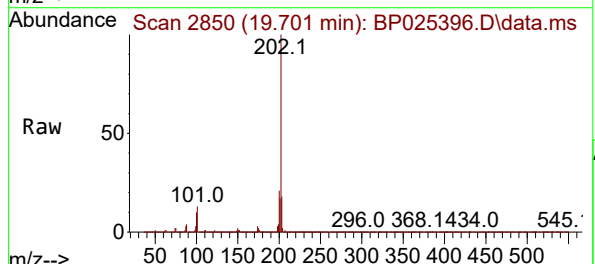
Manual Integrations
APPROVED

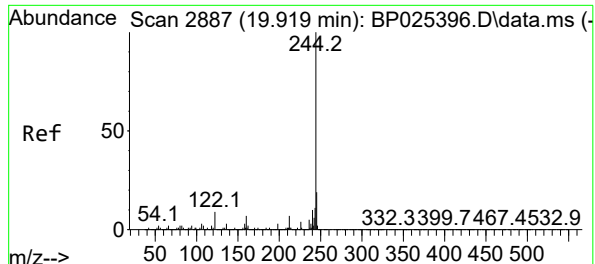
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

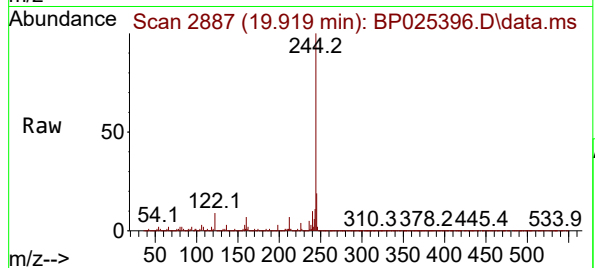
Tgt Ion:202 Resp: 2290461
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 76.508 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

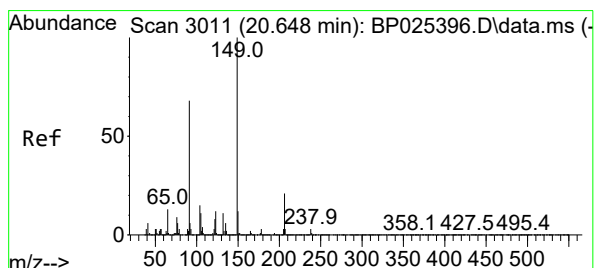
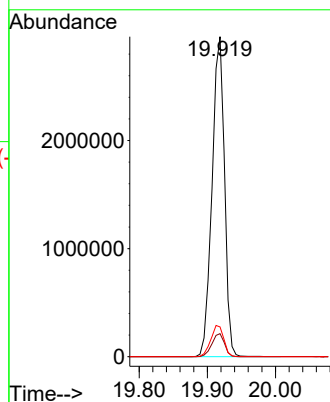
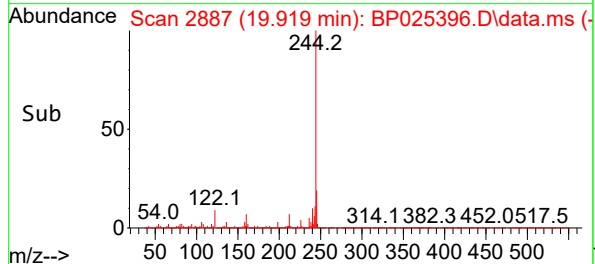
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 3760230
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.3 7.4 11.2

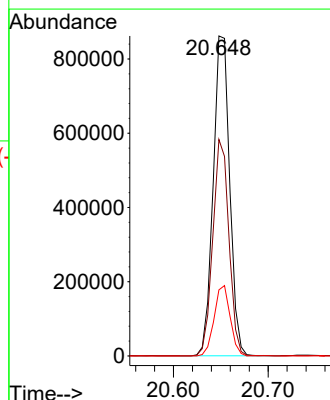
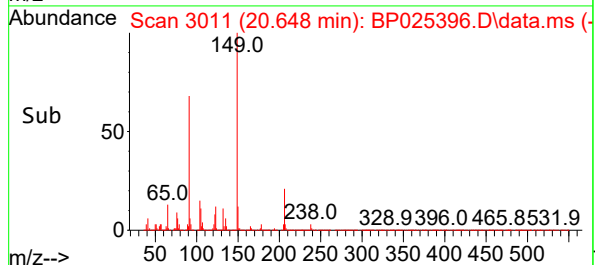
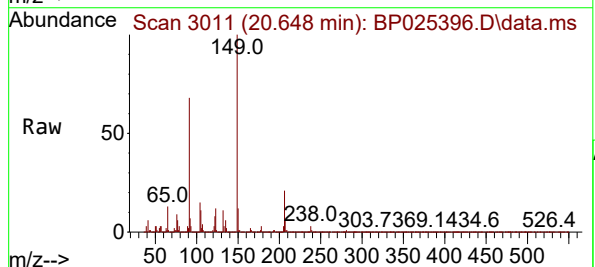
Manual Integrations
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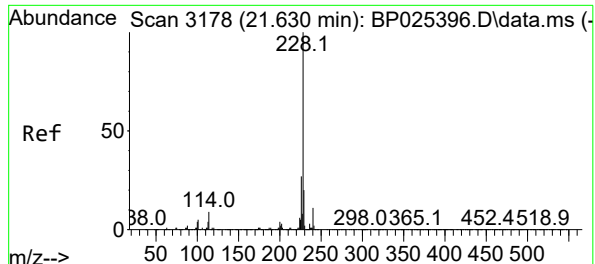
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 39.338 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

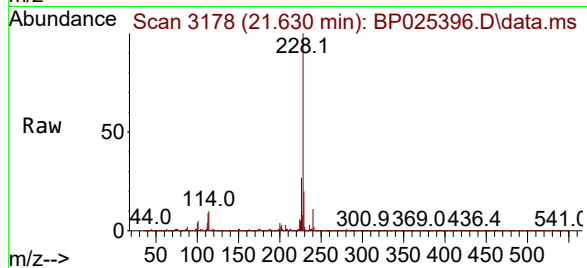
Tgt Ion:149 Resp: 1041998
 Ion Ratio Lower Upper
 149 100
 91 67.7 54.2 81.2
 206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

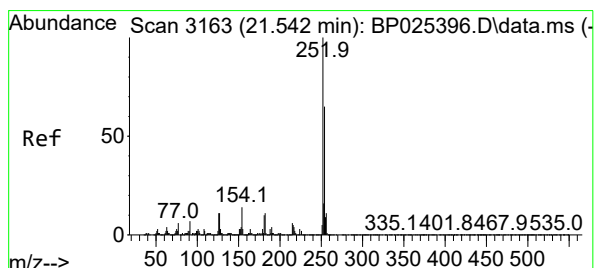
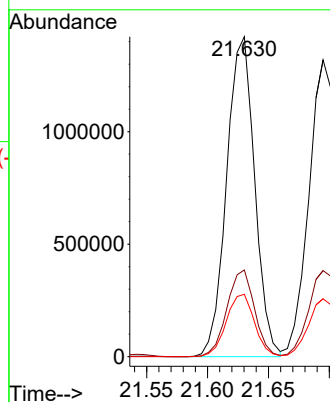
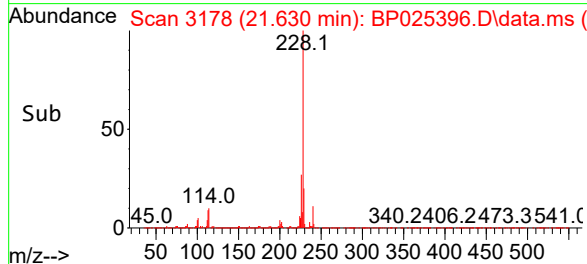
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2280774
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.6 23.4

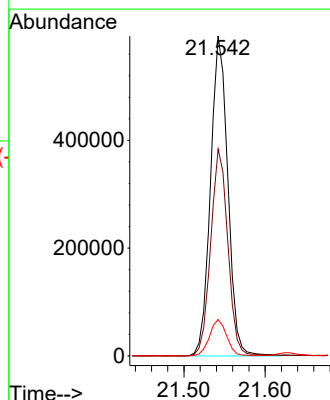
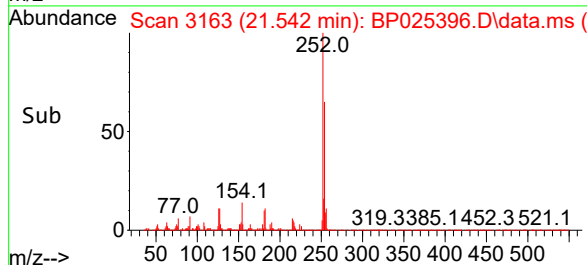
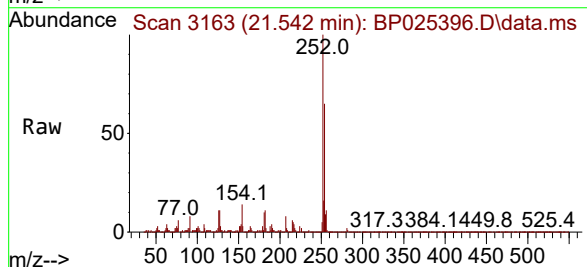
Manual Integrations
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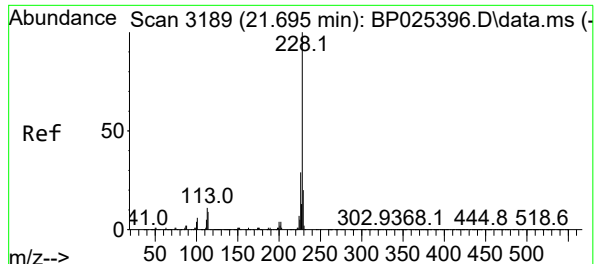
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

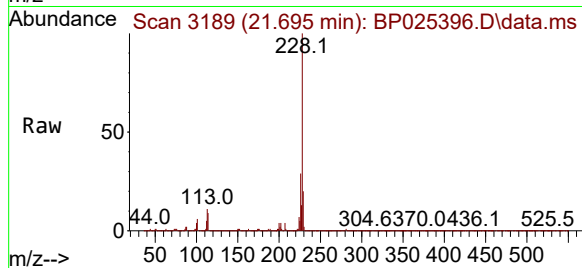
Tgt Ion:252 Resp: 877708
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.4 9.1 13.7





#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

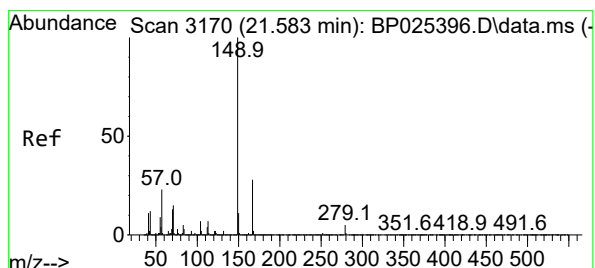
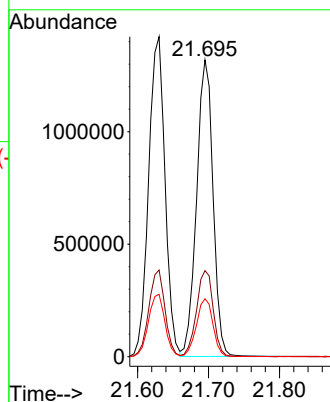
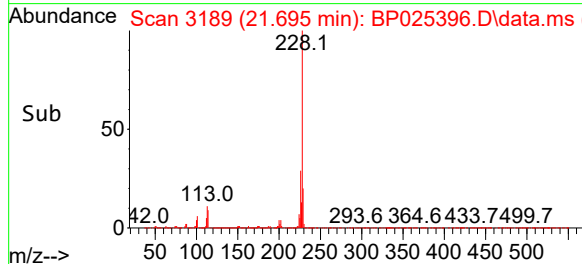
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2125860
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 19.5 15.6 23.4

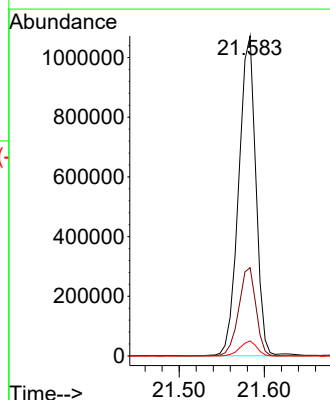
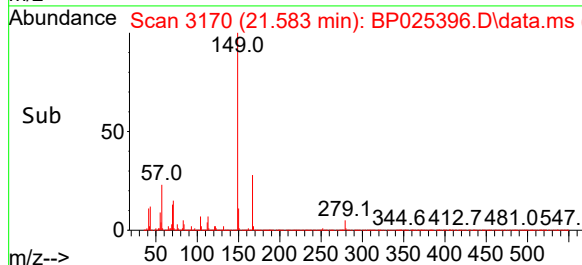
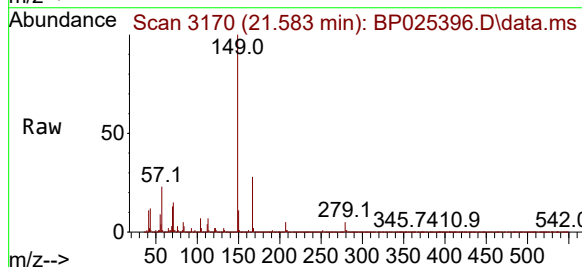
Manual Integrations
APPROVED

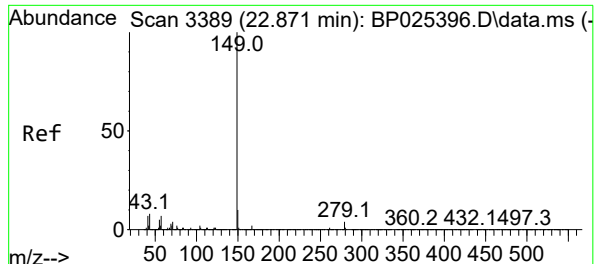
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

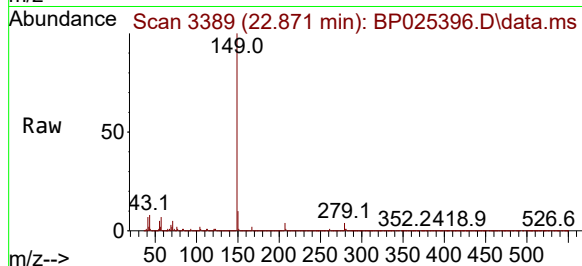
Tgt Ion:149 Resp: 1493804
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 38.730 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

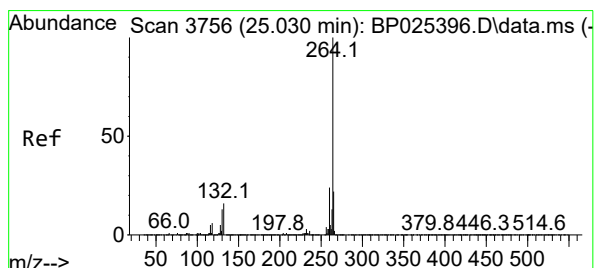
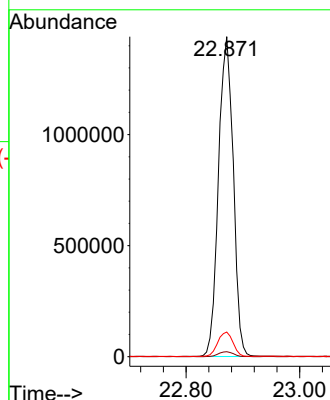
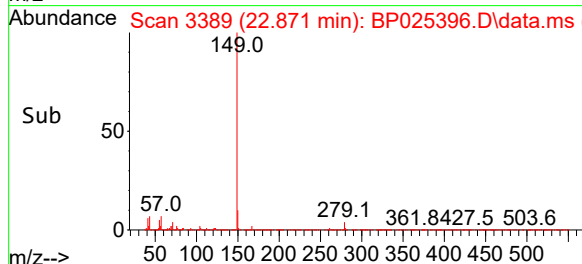
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 2597558
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

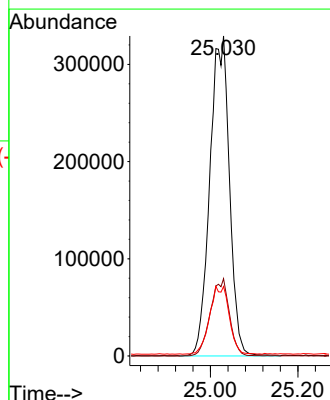
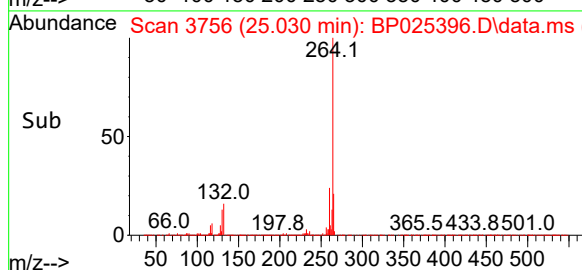
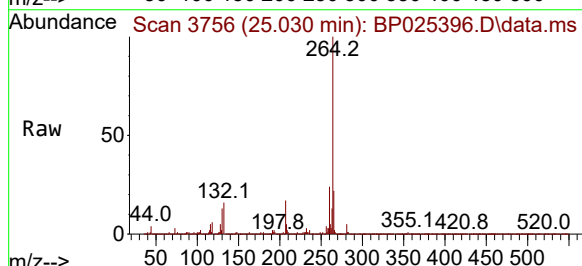
Manual Integrations
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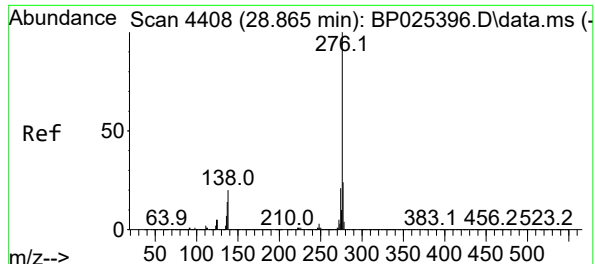
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

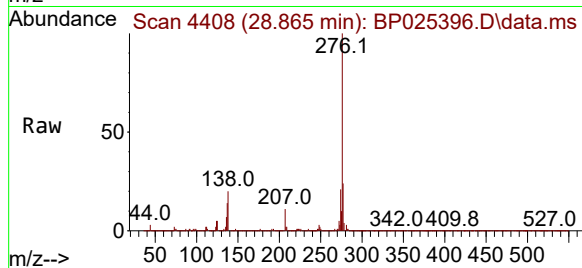
Tgt Ion:264 Resp: 1022138
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

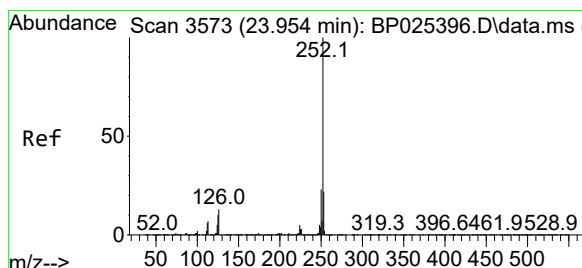
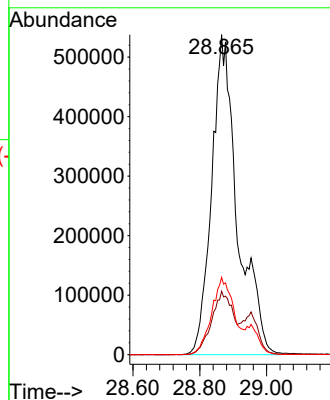
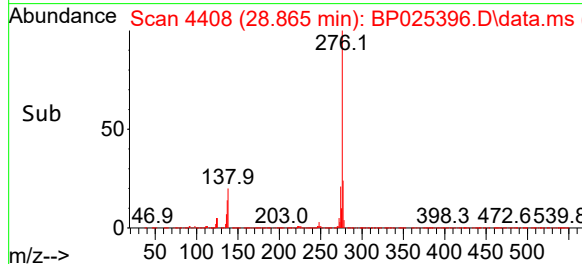
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 288471
Ion Ratio Lower Upper
276 100
138 16.1 12.9 19.3
277 21.3 17.0 25.6

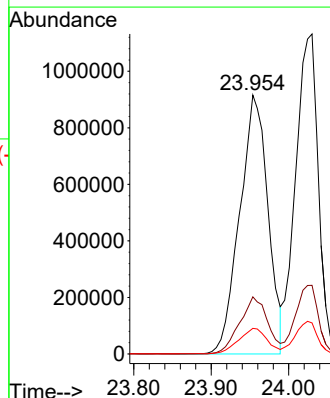
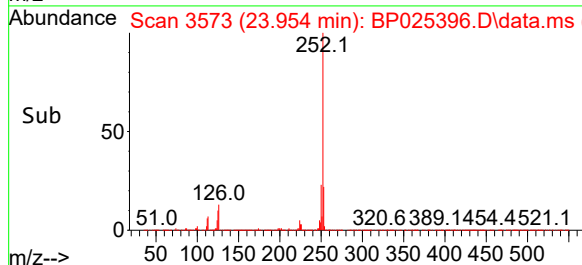
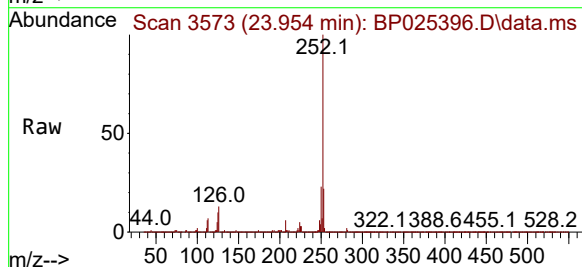
Manual Integrations
APPROVED

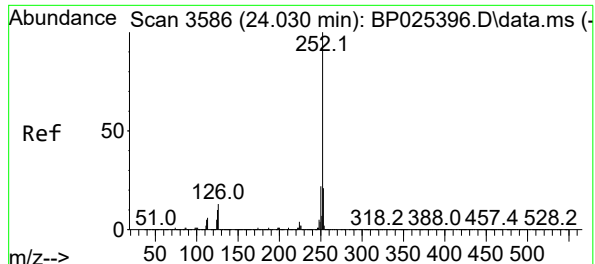
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 252 Resp: 2318198
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.285 ng

RT: 24.030 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 230909

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

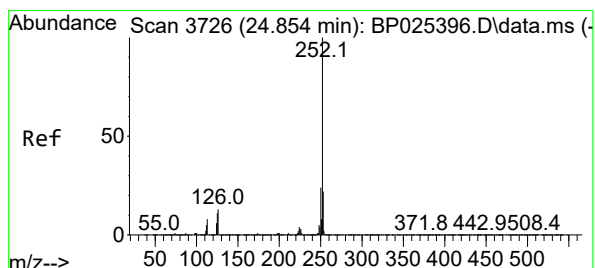
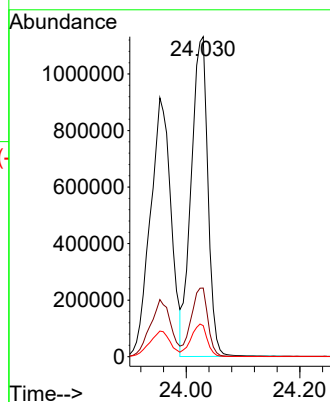
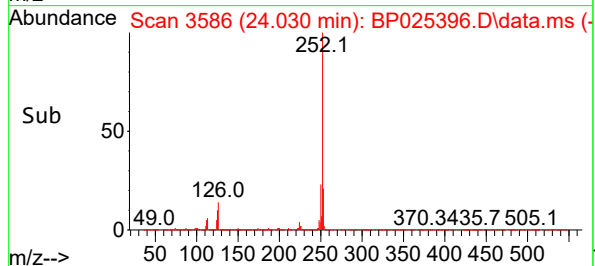
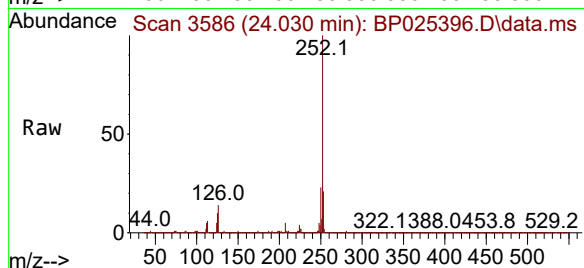
125 9.7 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 38.620 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

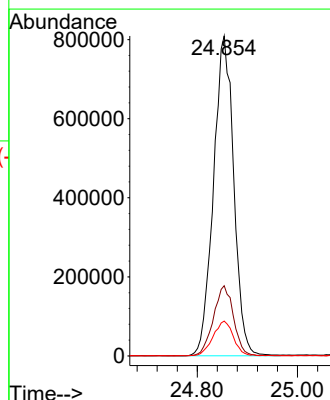
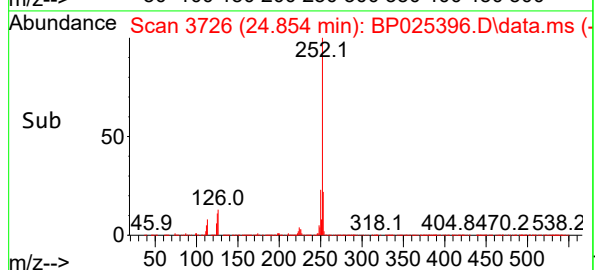
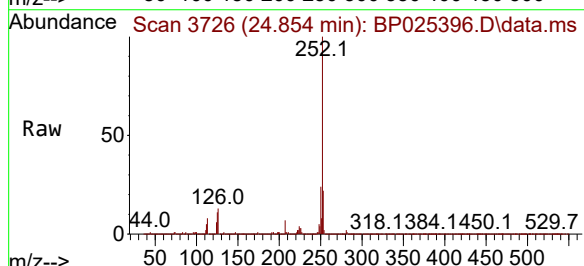
Tgt Ion:252 Resp: 2265862

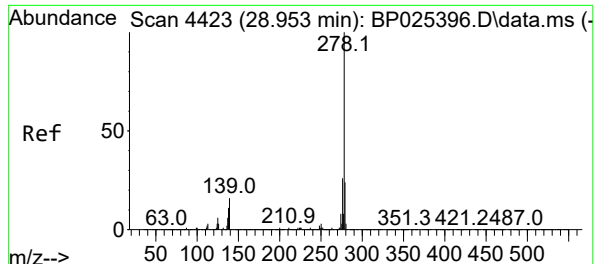
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

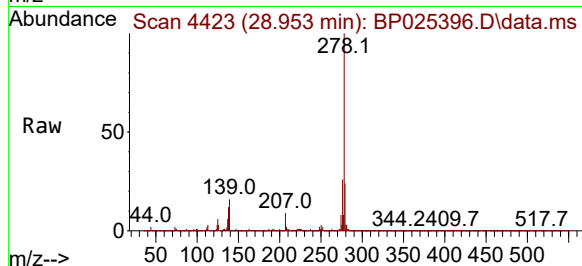
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 4423
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

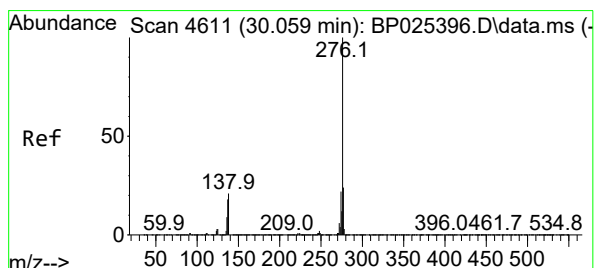
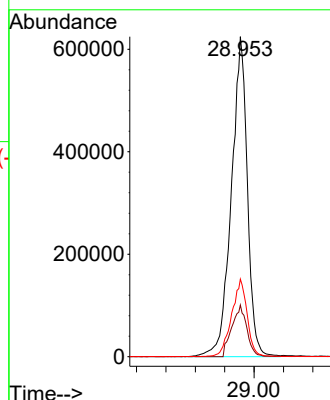
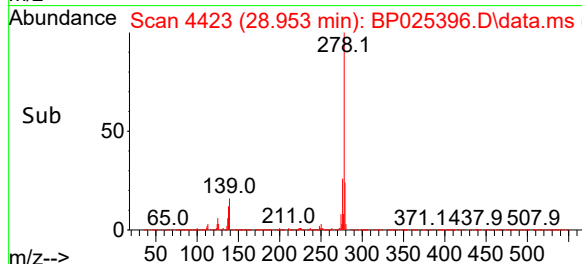
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 2363840
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 24.3 19.4 29.2

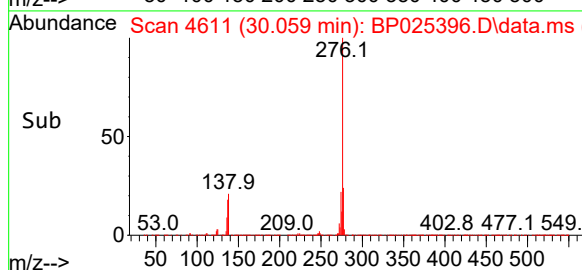
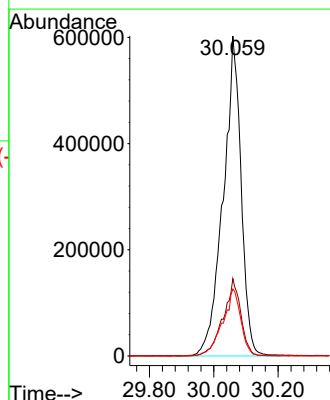
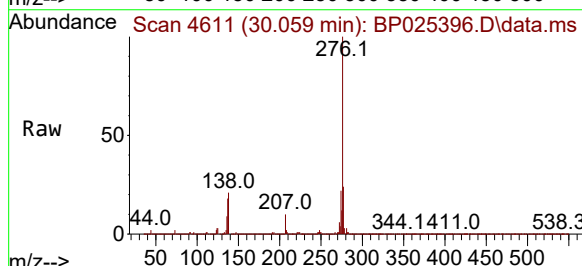
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.654 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 276 Resp: 2327292
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

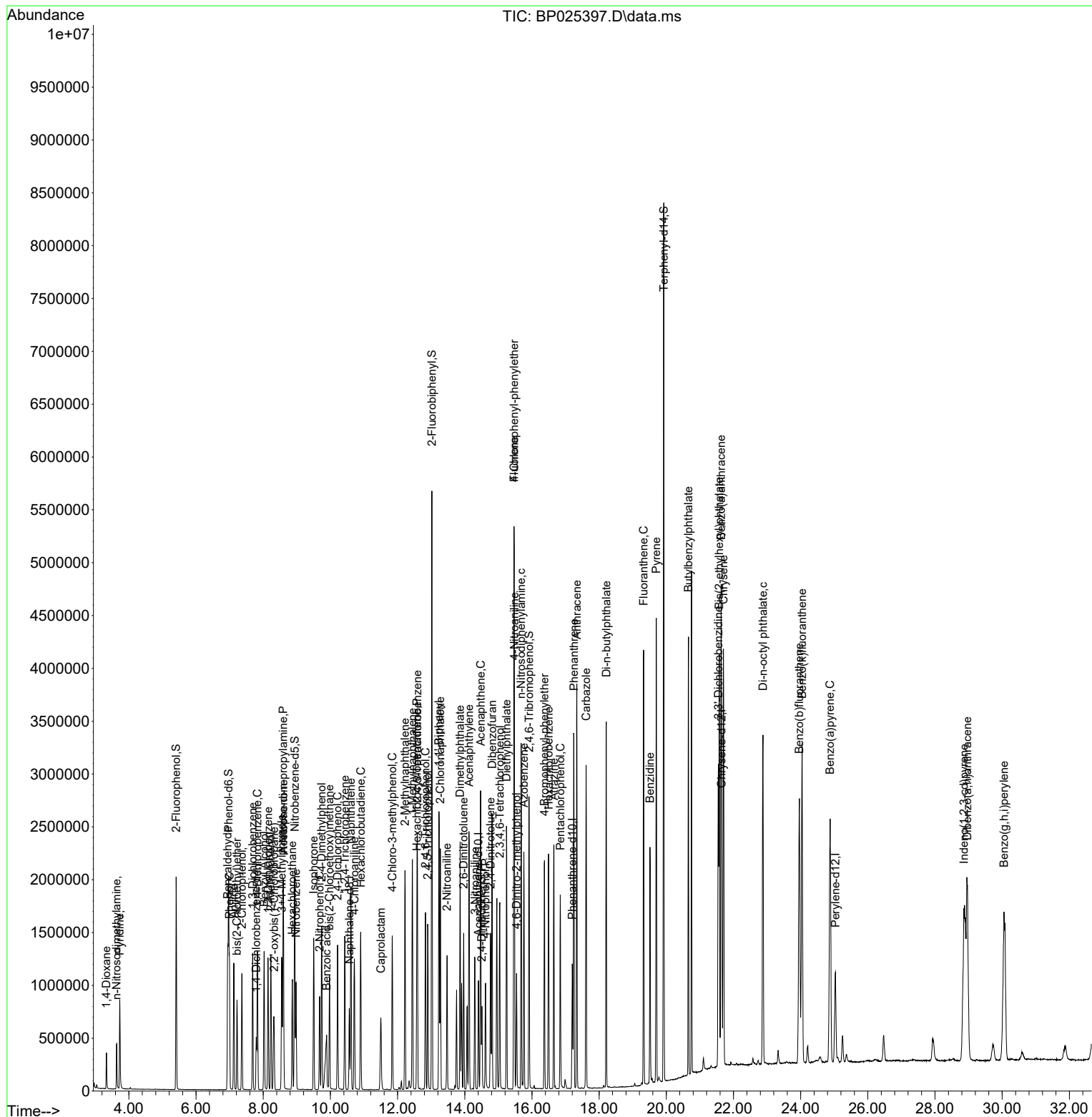
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

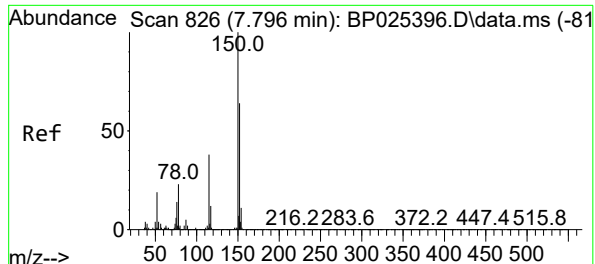
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

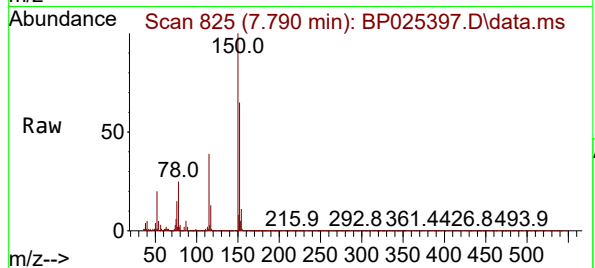
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

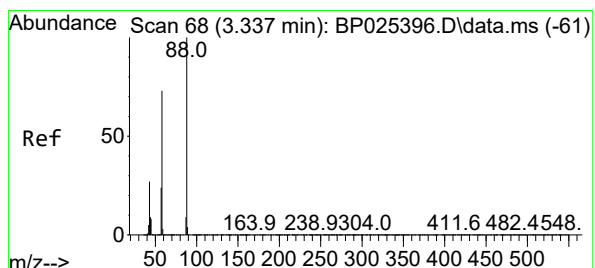
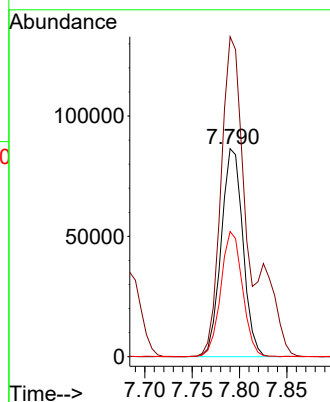
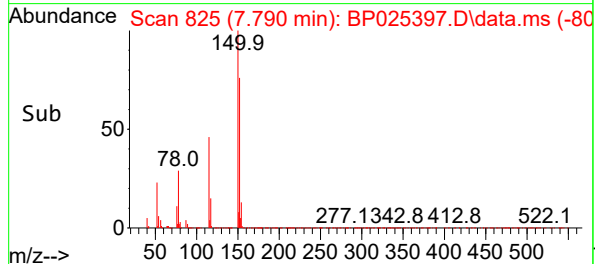
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 152 Resp: 13794
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 60.2 48.5 72.7

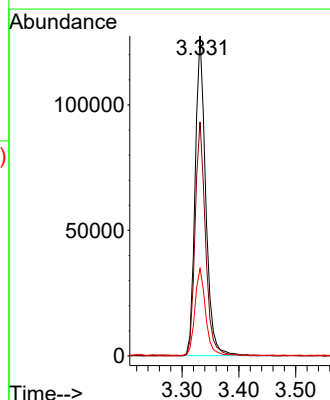
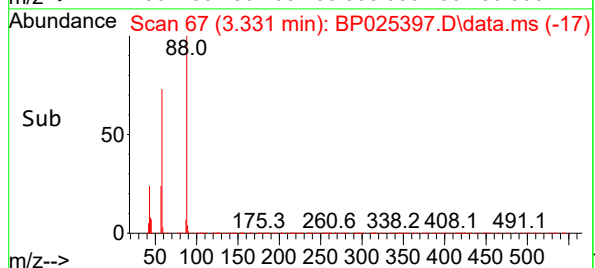
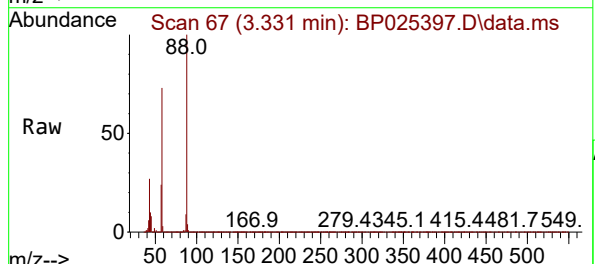
Manual Integrations
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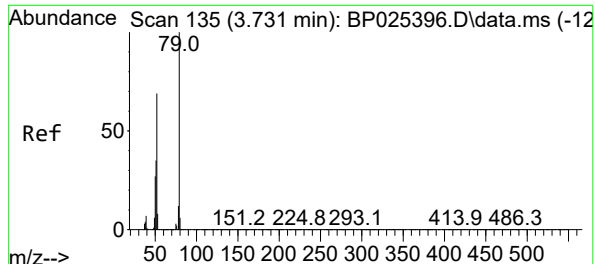
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

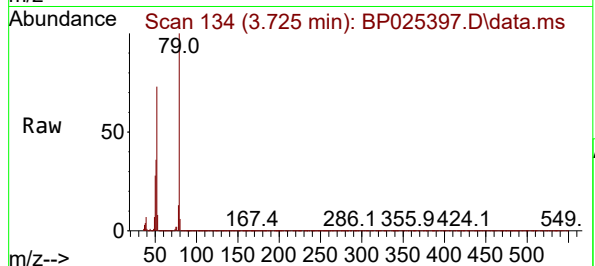
Tgt Ion: 88 Resp: 165184
Ion Ratio Lower Upper
88 100
58 72.6 59.2 88.8
43 27.8 21.7 32.5





#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

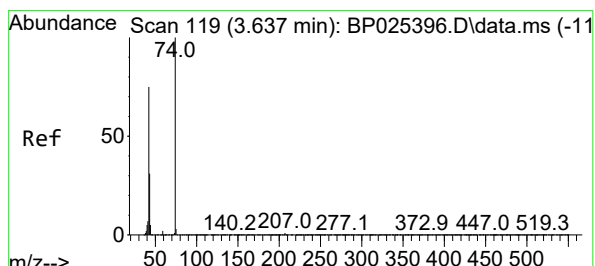
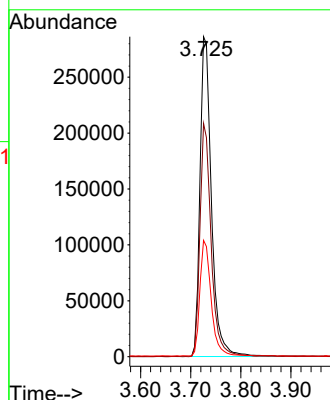
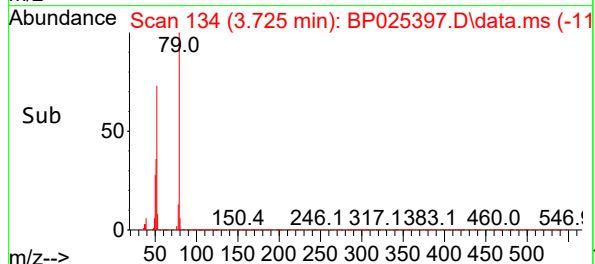
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 45402
Ion Ratio Lower Upper
79 100
52 72.9 55.5 83.3
51 36.3 28.3 42.5

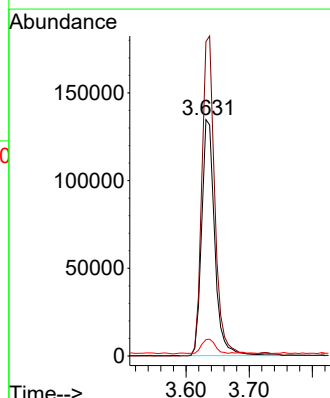
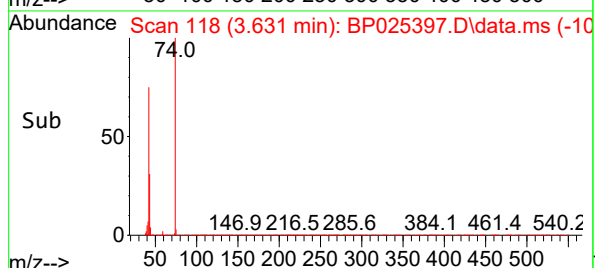
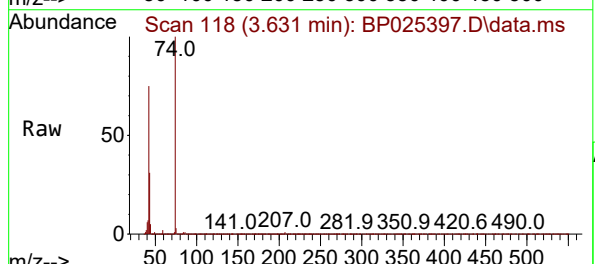
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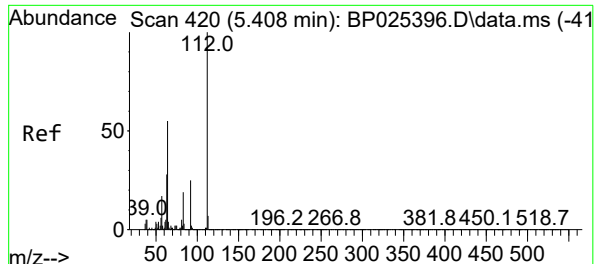
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

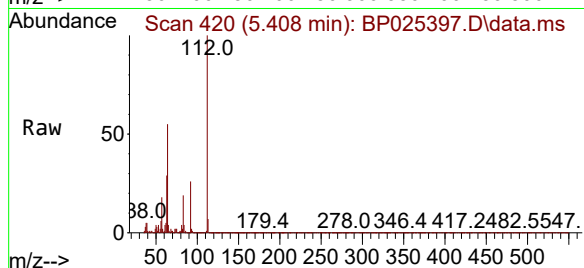
Tgt Ion: 42 Resp: 192837
Ion Ratio Lower Upper
42 100
74 133.0 107.0 160.4
44 6.9 6.2 9.4





#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

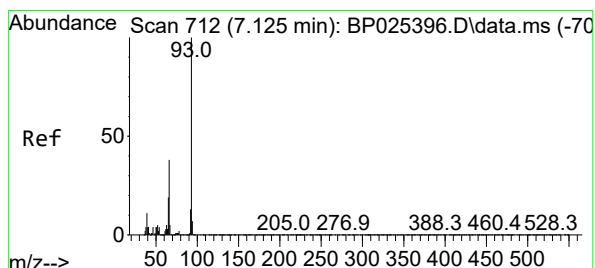
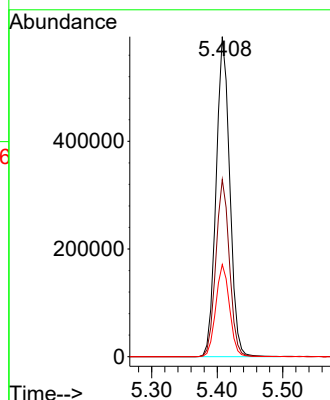
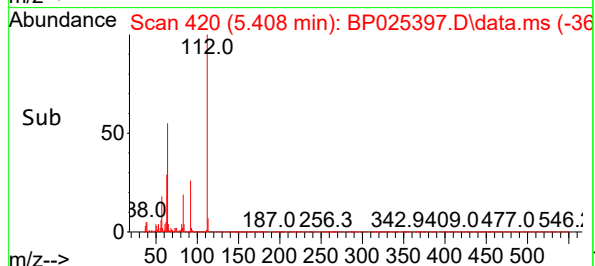
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 855250
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.8
63 28.8 22.7 34.1

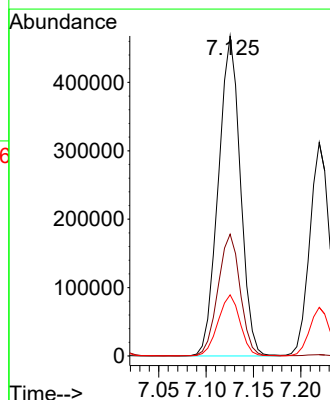
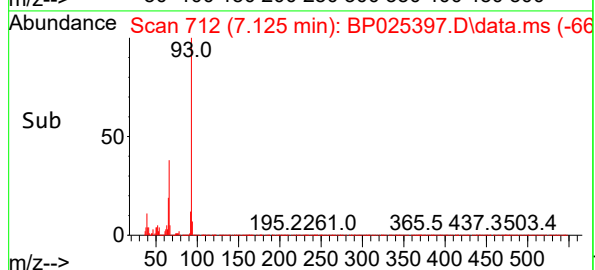
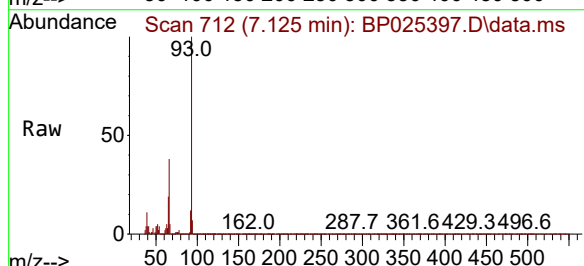
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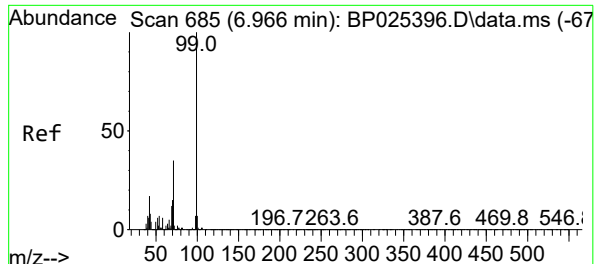
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

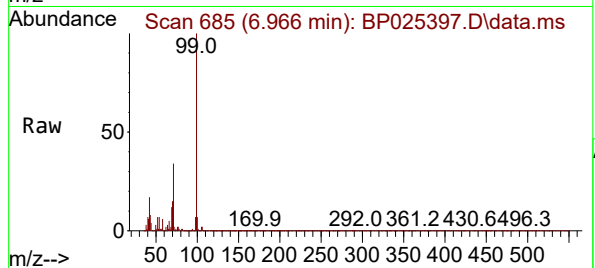
Tgt Ion: 93 Resp: 756782
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 19.1 15.3 22.9





#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

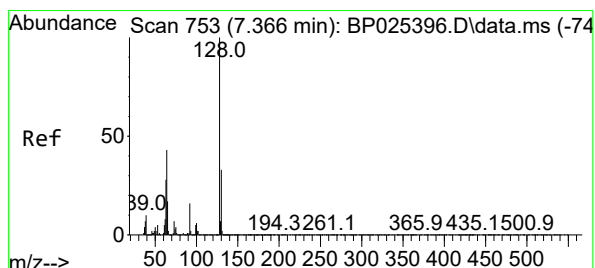
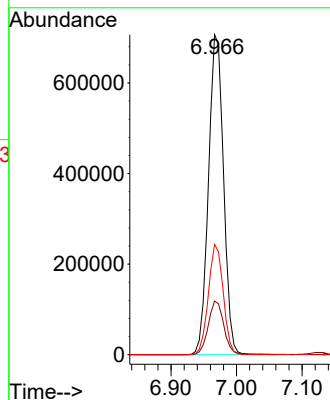
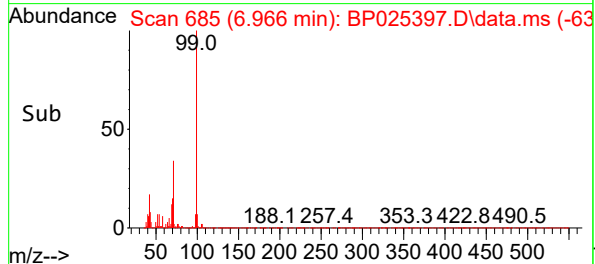
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1131869
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 34.4 28.2 42.4

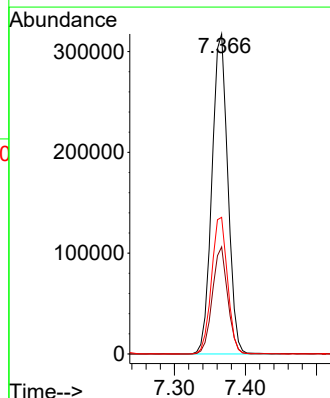
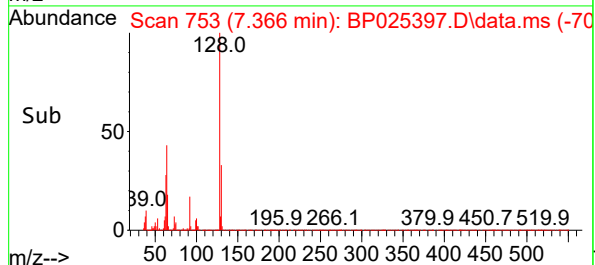
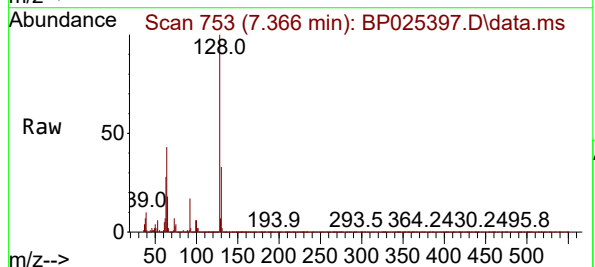
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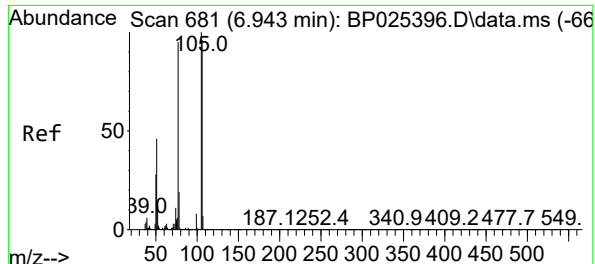
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

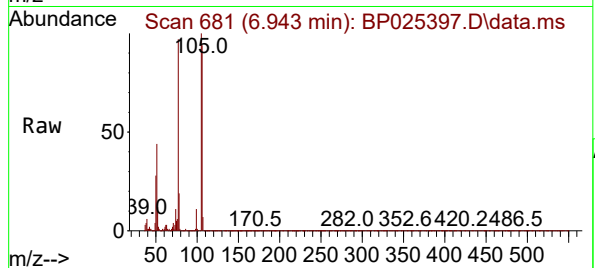
Tgt Ion:128 Resp: 492570
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 42.7 23.4 63.4





#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

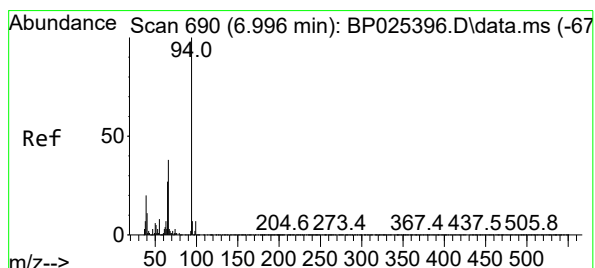
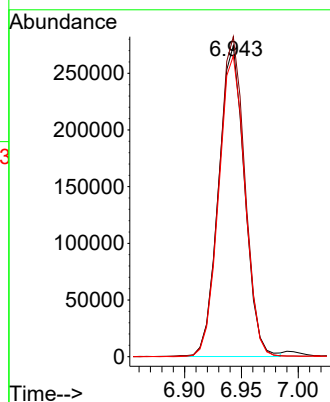
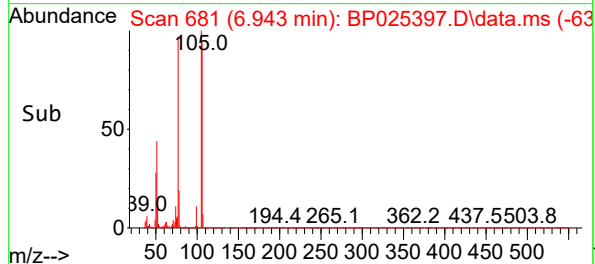
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 435174
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.7 80.5 120.5

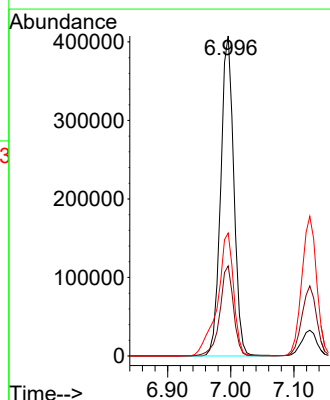
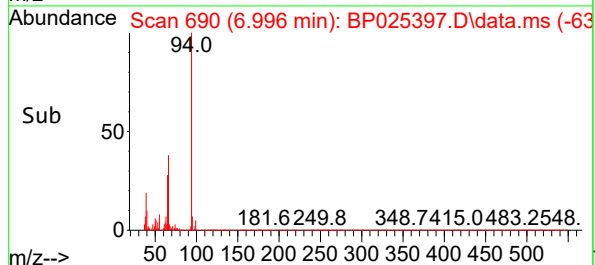
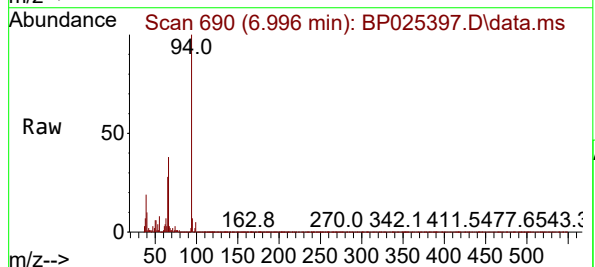
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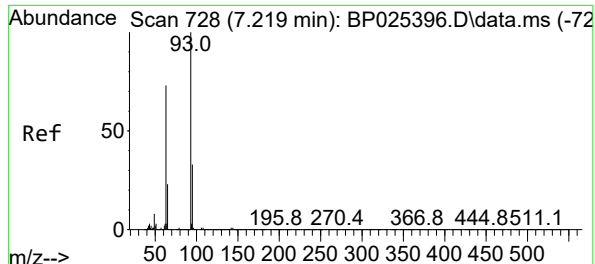
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 38.4 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 52.320 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 45569

Ion Ratio Lower Upper

93 100

63 73.4 52.6 92.6

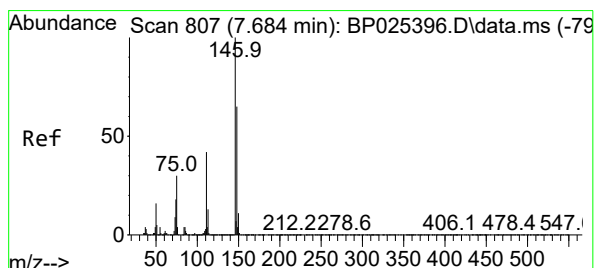
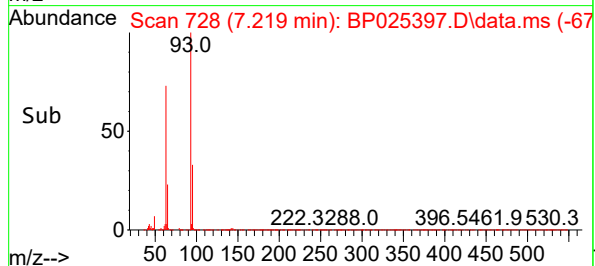
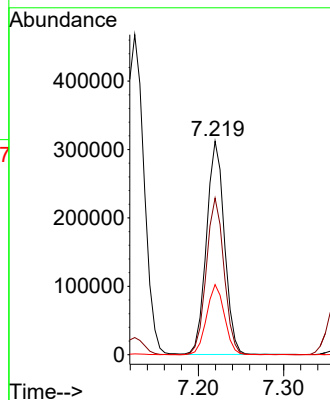
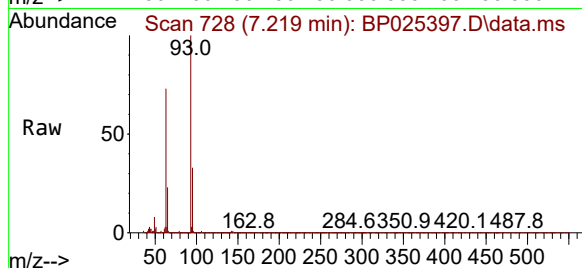
95 32.9 12.7 52.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 51.884 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

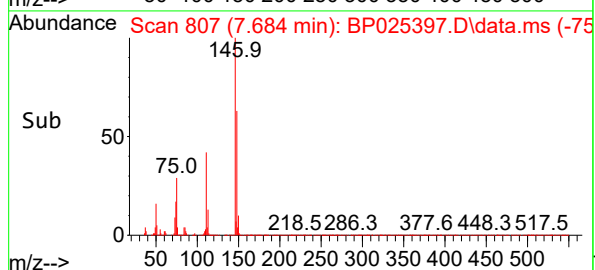
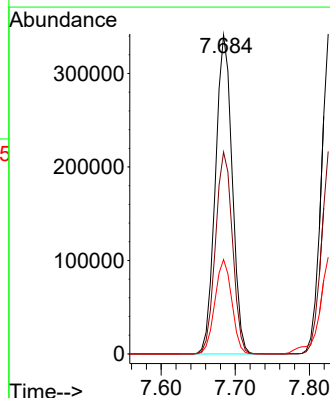
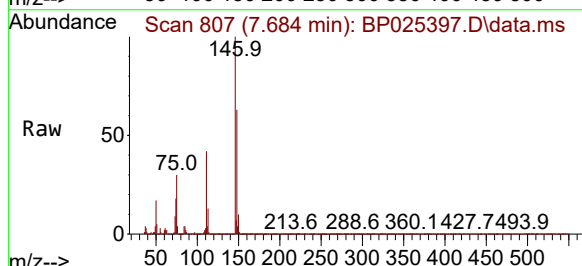
Tgt Ion:146 Resp: 536261

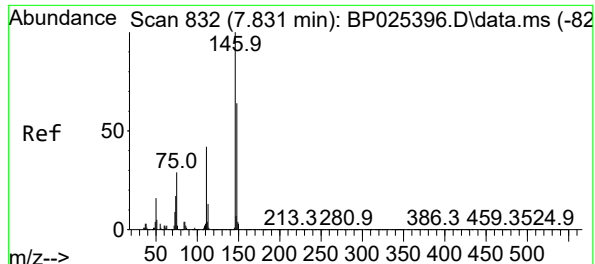
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 52.113 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 55054

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

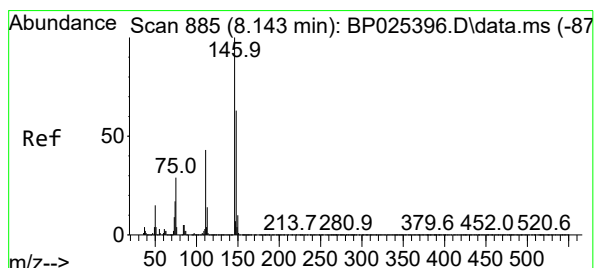
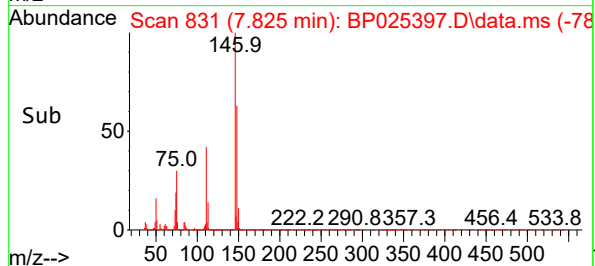
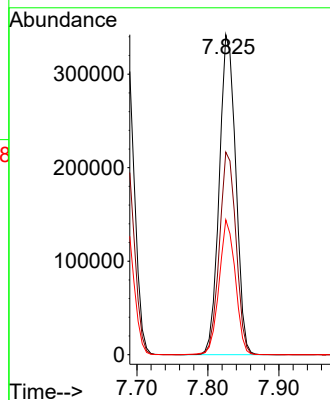
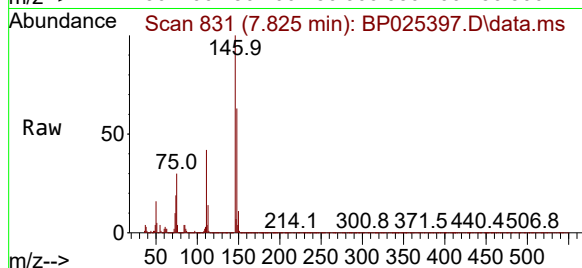
111 42.2 33.4 50.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 51.705 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

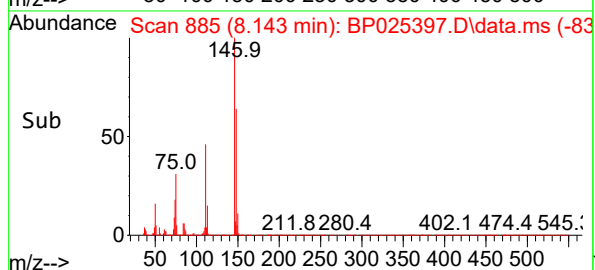
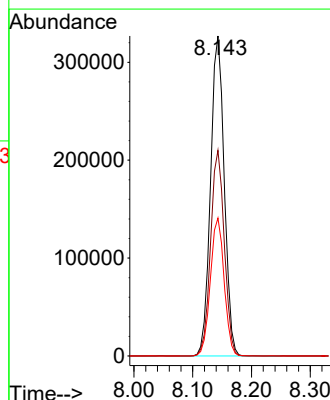
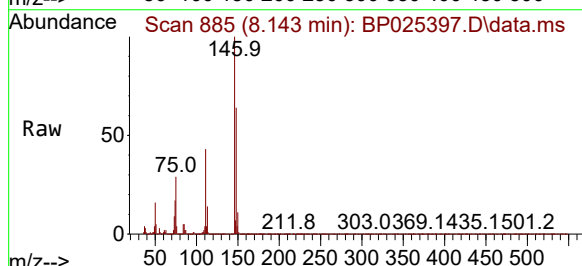
Tgt Ion:146 Resp: 528750

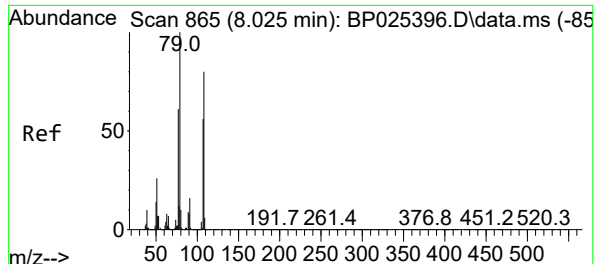
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 52.458 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 443889

Ion Ratio Lower Upper

79 100

108 77.9 63.8 95.6

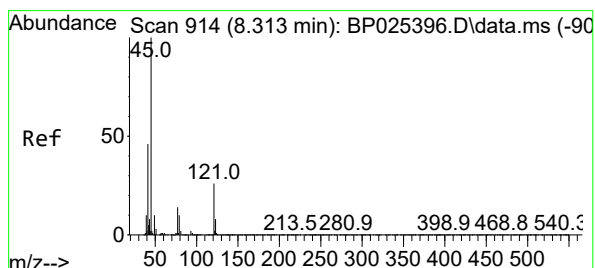
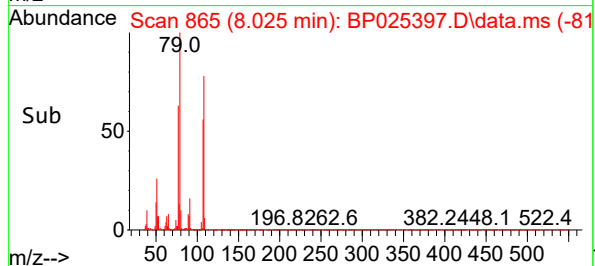
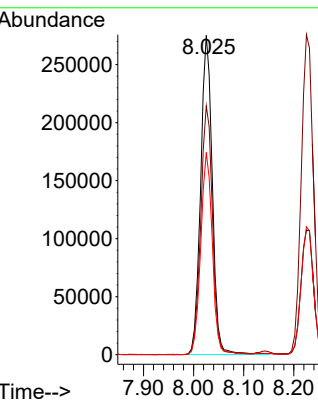
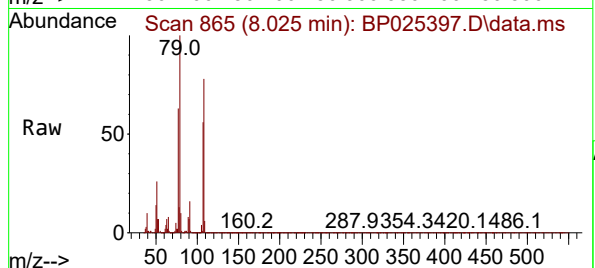
77 63.4 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.742 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

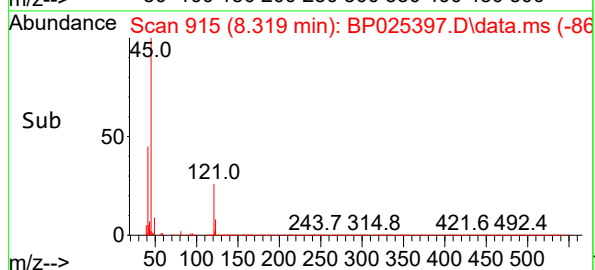
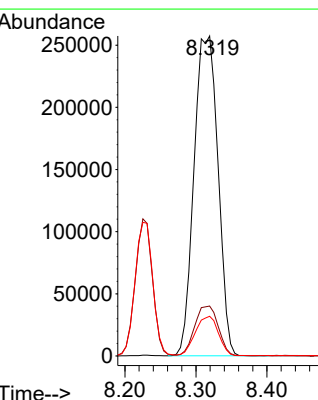
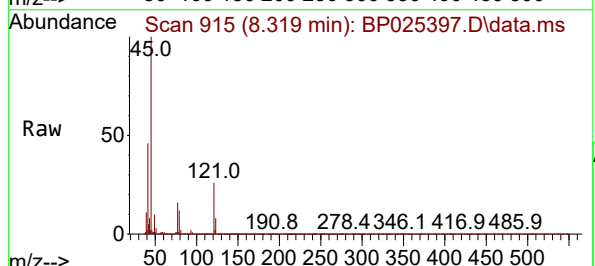
Tgt Ion: 45 Resp: 603716

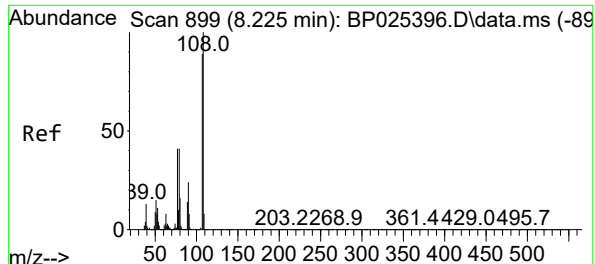
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.4 0.0 31.8





#17

2-Methylphenol

Concen: 53.211 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 412974

Ion Ratio Lower Upper

107 100

108 113.8 89.4 134.0

77 45.5 36.3 54.5

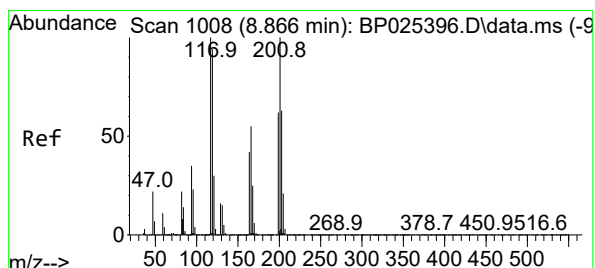
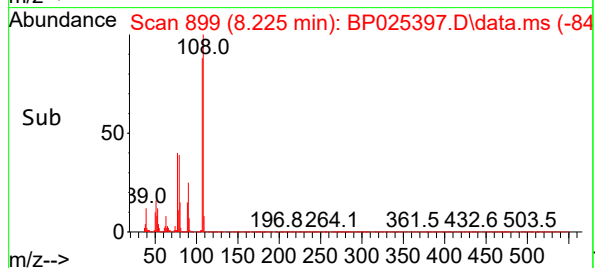
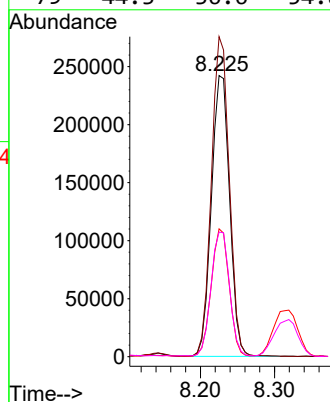
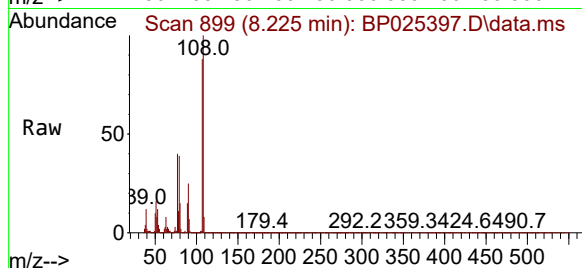
79 44.3 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 52.178 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

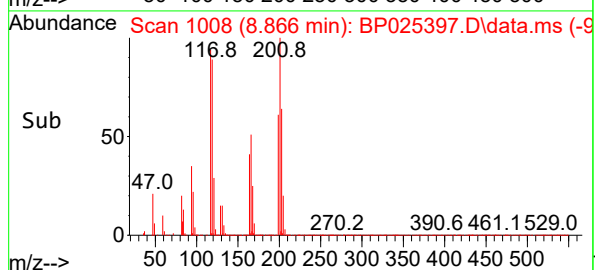
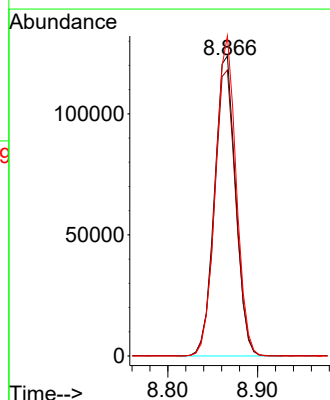
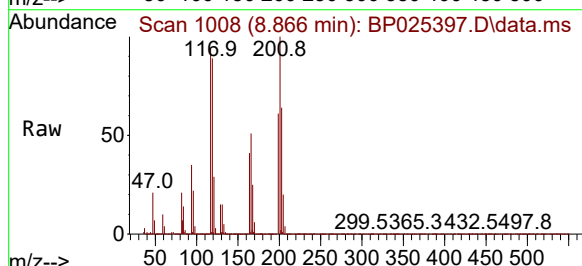
Tgt Ion:117 Resp: 202672

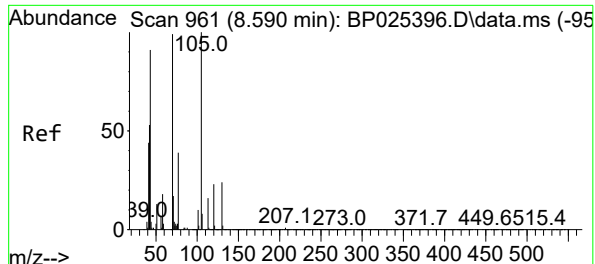
Ion Ratio Lower Upper

117 100

119 95.4 75.1 112.7

201 106.7 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 51.419 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 36315

Ion Ratio Lower Upper

70 100

42 56.4 43.8 65.6

101 10.6 8.5 12.7

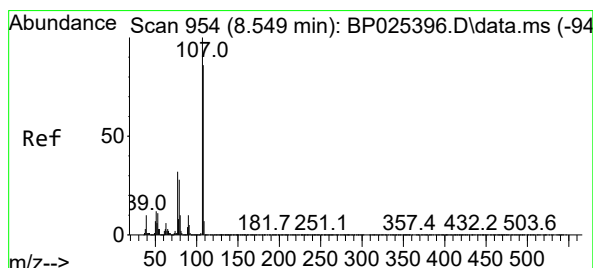
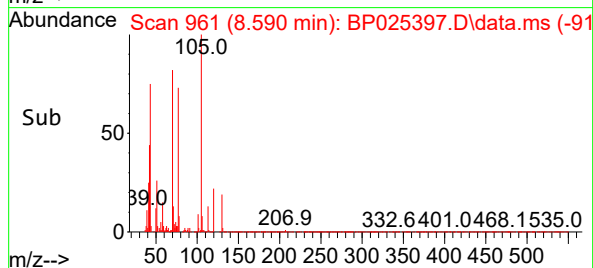
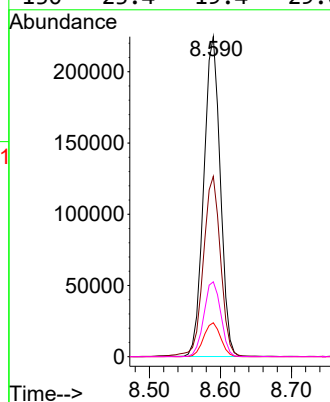
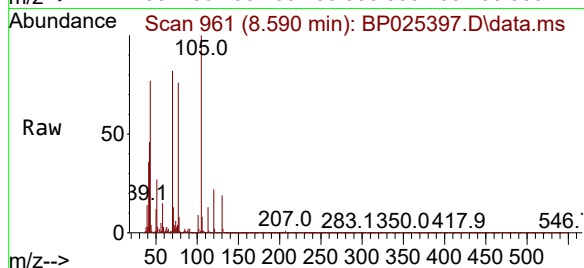
130 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 52.538 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

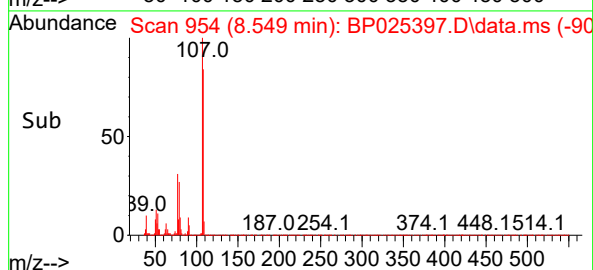
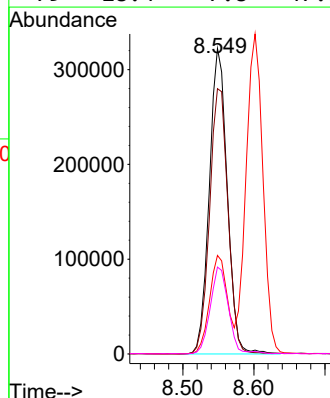
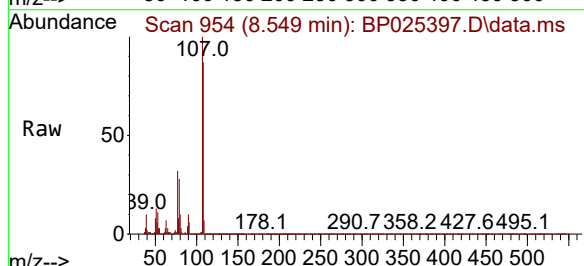
Ion Ratio Lower Upper

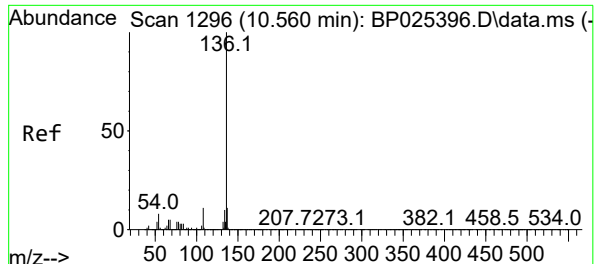
107 100

108 86.8 66.3 106.3

77 32.2 12.3 52.3

79 28.4 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 573910

Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.9 6.0 9.0

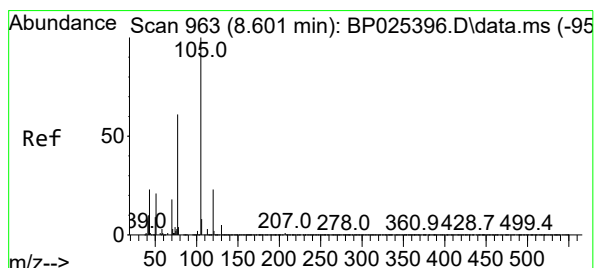
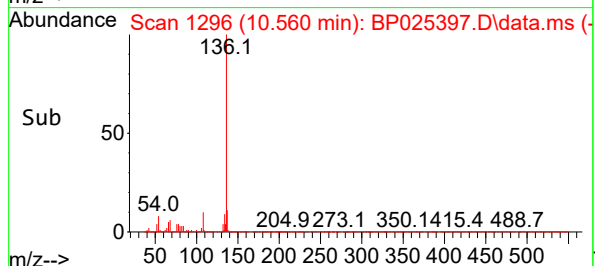
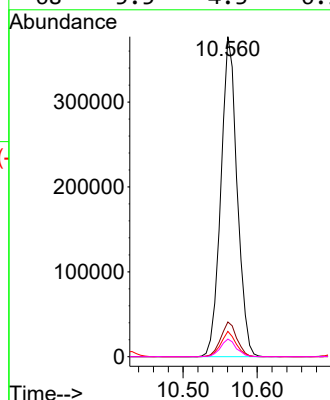
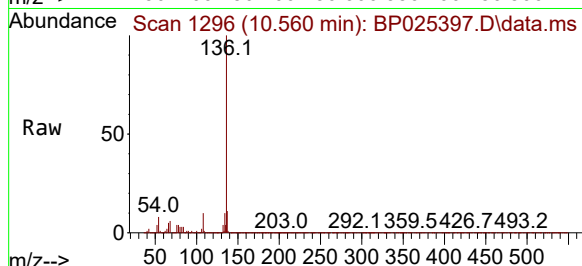
68 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 52.131 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:105 Resp: 750308

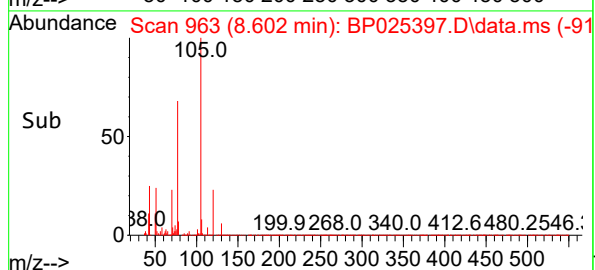
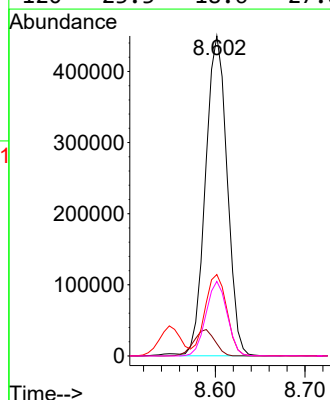
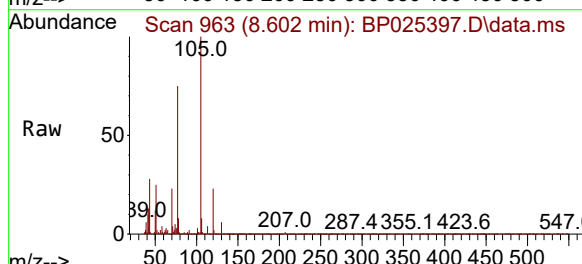
Ion Ratio Lower Upper

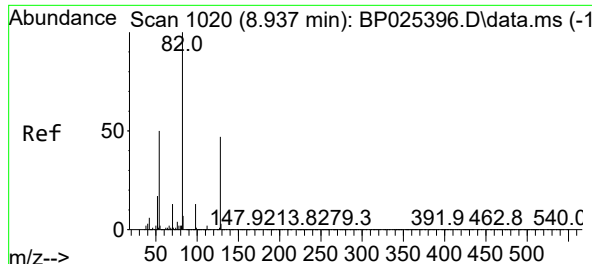
105 100

71 3.9 2.6 4.0

51 25.5 20.6 30.8

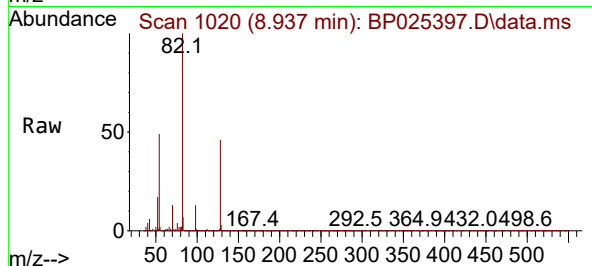
120 23.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

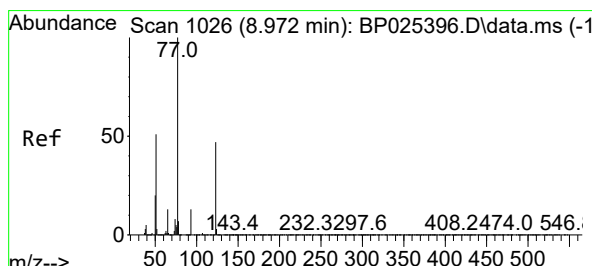
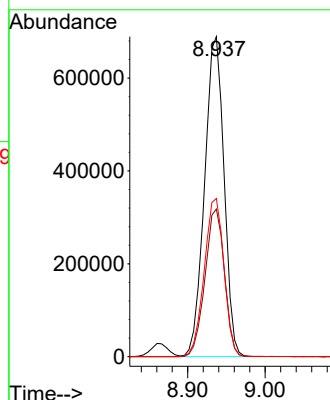
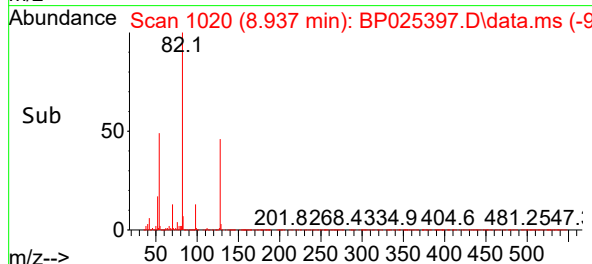
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



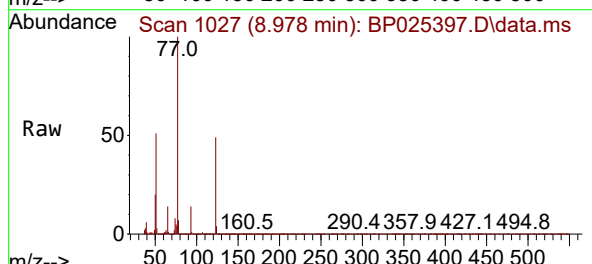
Tgt Ion: 82 Resp: 120160
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 49.4 39.8 59.6

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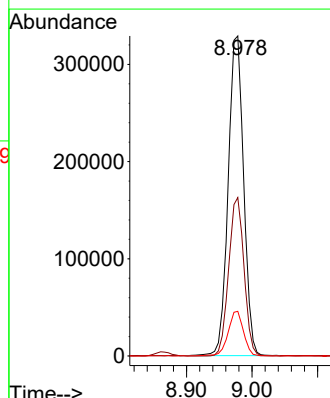
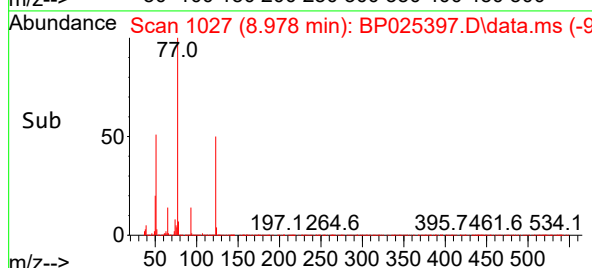
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

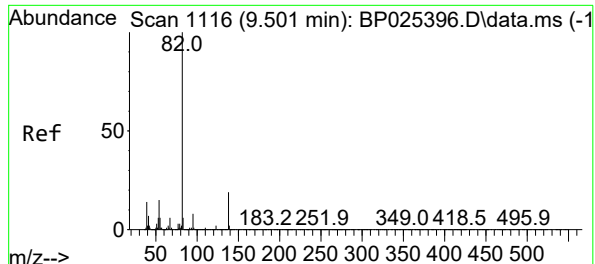


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



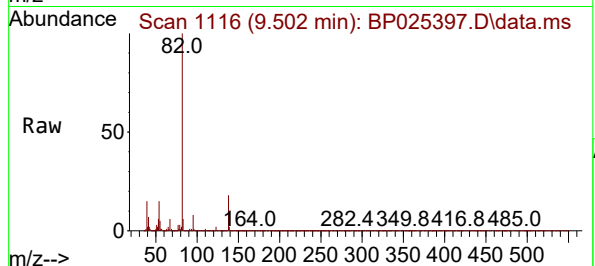
Tgt Ion: 77 Resp: 537647
Ion Ratio Lower Upper
77 100
123 49.5 38.6 58.0
65 13.9 10.6 15.8





#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

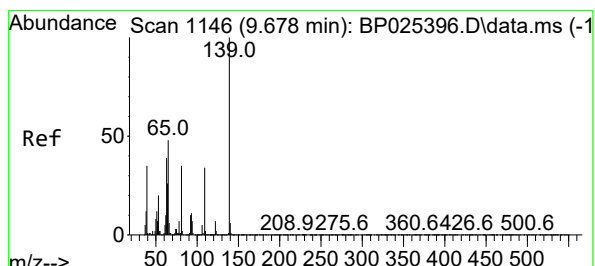
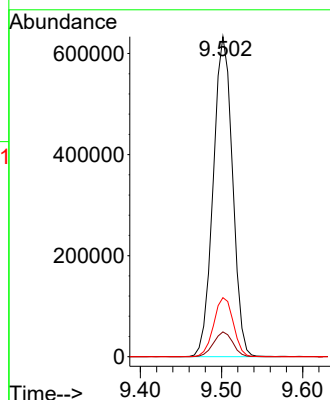
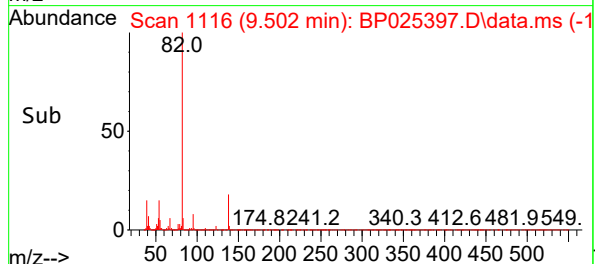
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 1047730
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 15.4 23.0

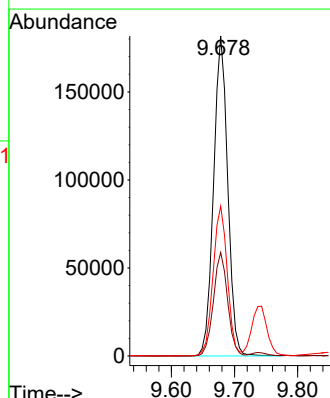
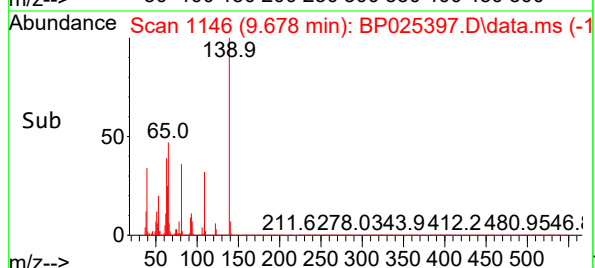
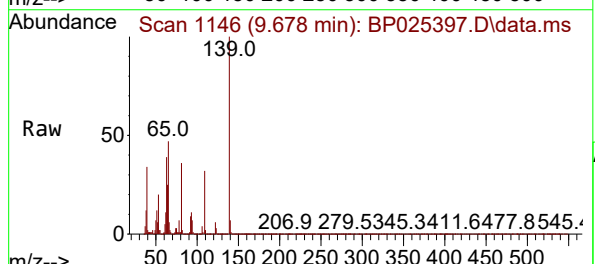
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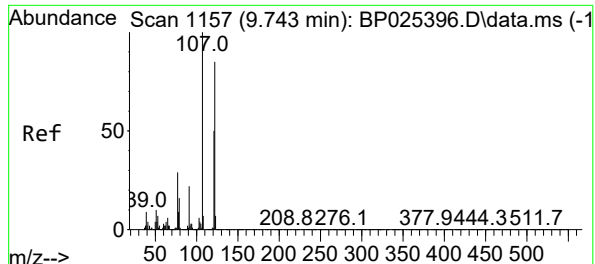
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

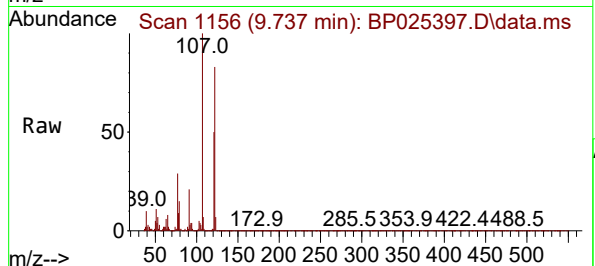
Tgt Ion:139 Resp: 282682
Ion Ratio Lower Upper
139 100
109 32.3 26.9 40.3
65 46.8 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

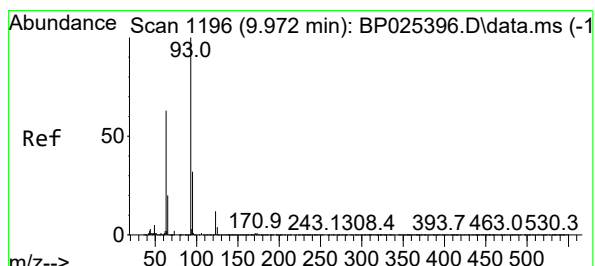
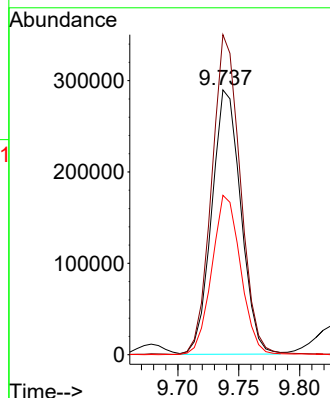
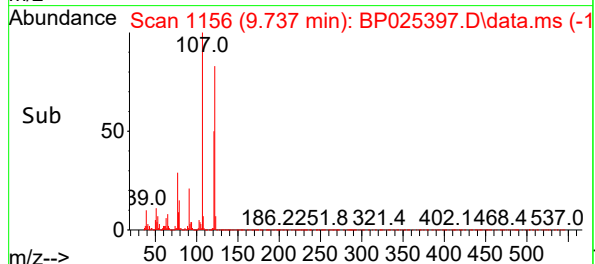
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 122 Resp: 481502
Ion Ratio Lower Upper
122 100
107 120.8 93.7 140.5
121 60.2 46.6 69.8

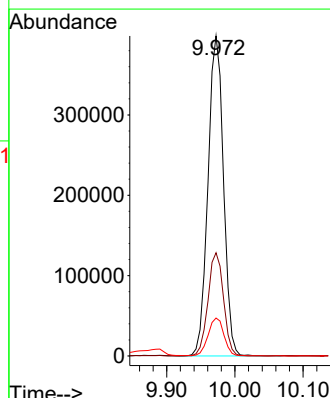
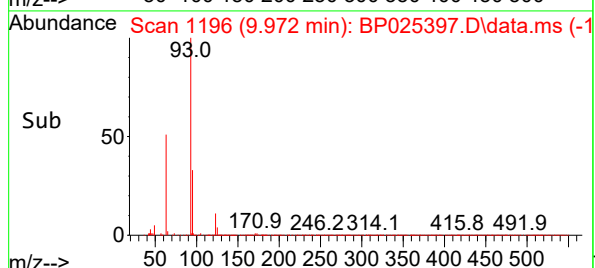
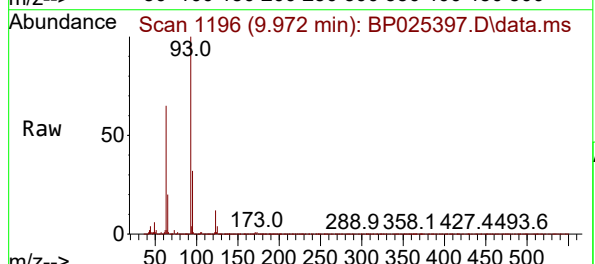
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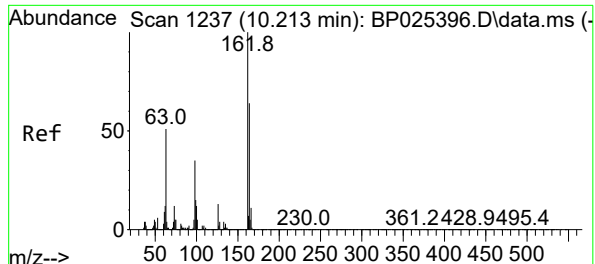
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.0
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.478 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 475400

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

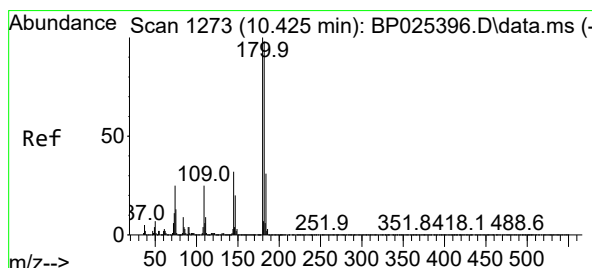
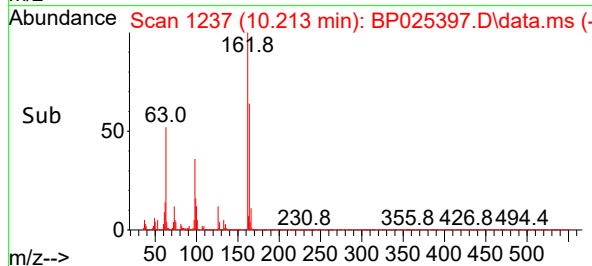
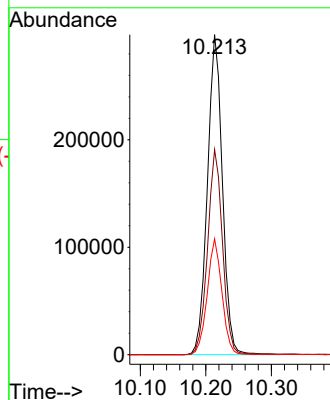
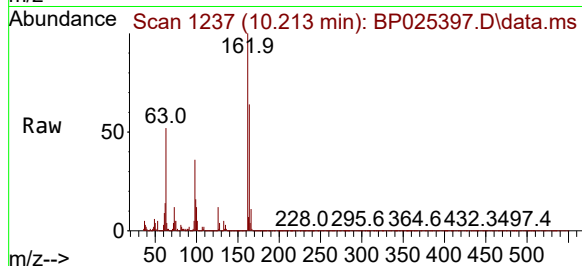
98 36.2 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.101 ng

RT: 10.431 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

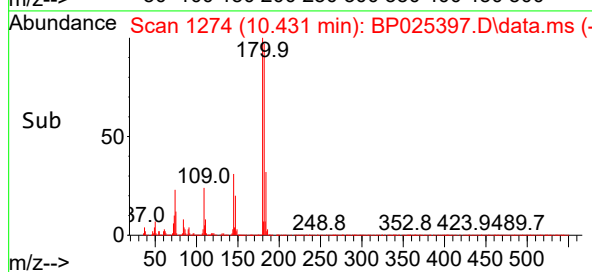
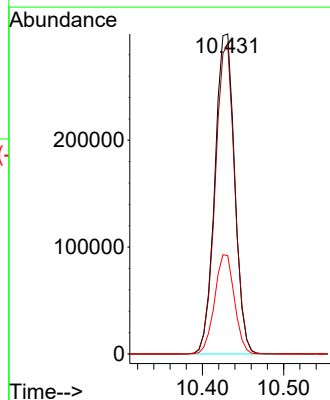
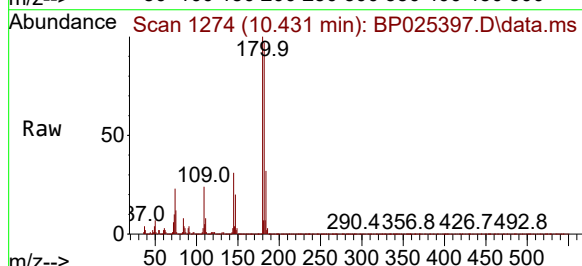
Tgt Ion:180 Resp: 507724

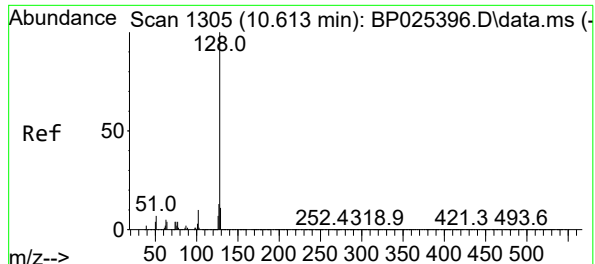
Ion Ratio Lower Upper

180 100

182 97.0 78.0 117.0

145 30.8 25.9 38.9





#31

Naphthalene

Concen: 52.305 ng

RT: 10.607 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:128 Resp: 1560240

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

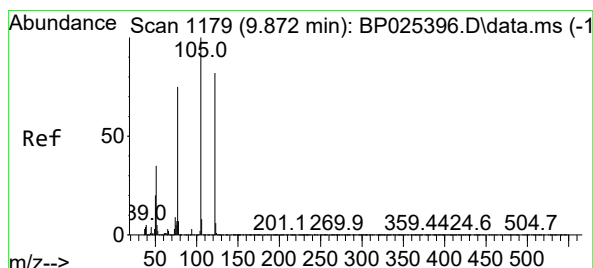
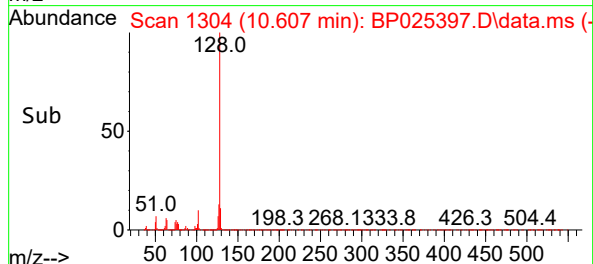
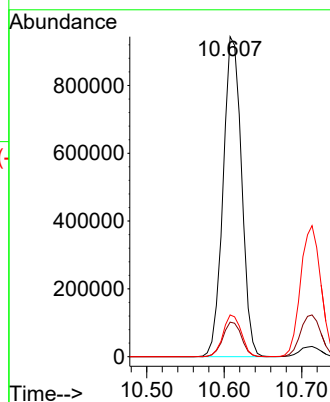
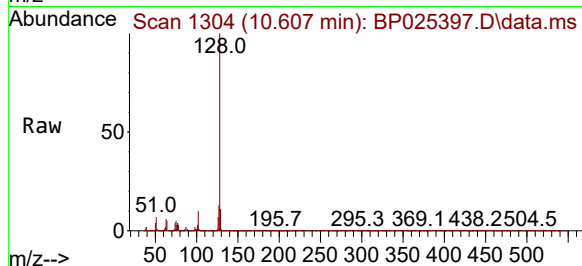
127 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 54.274 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

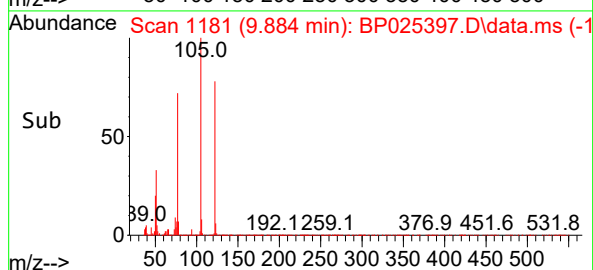
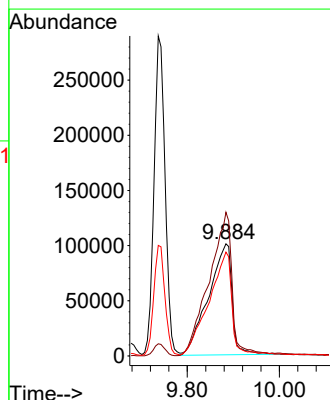
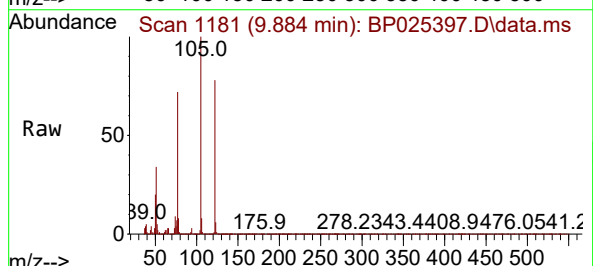
Tgt Ion:122 Resp: 357706

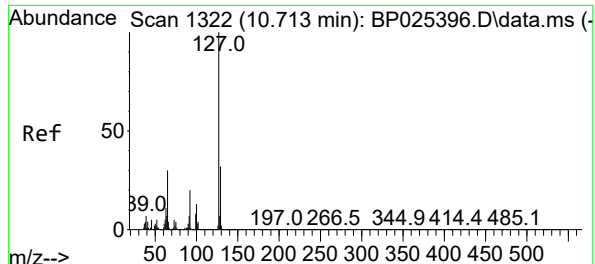
Ion Ratio Lower Upper

122 100

105 128.1 100.6 140.6

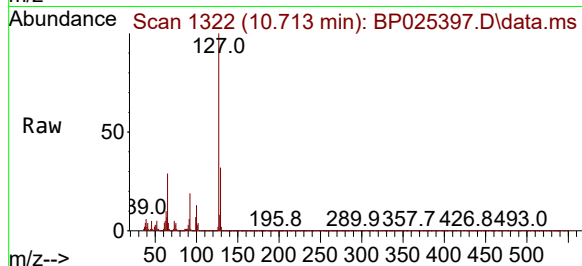
77 92.6 71.5 111.5





#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

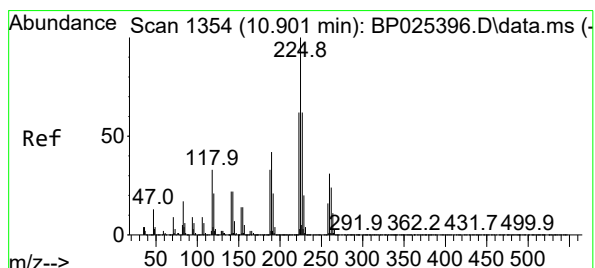
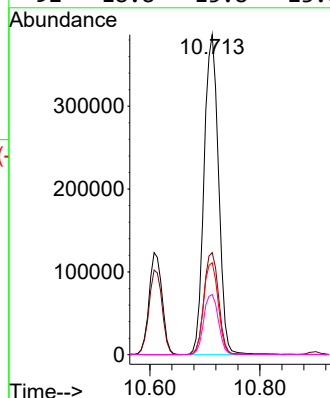
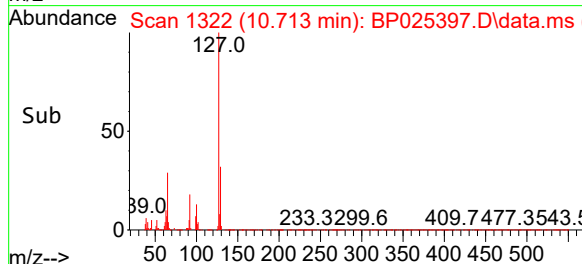
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 705562
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 28.7 23.8 35.6
92 18.8 15.8 23.8

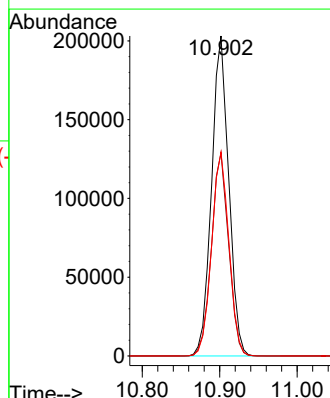
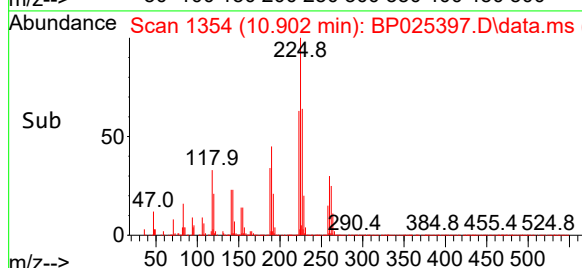
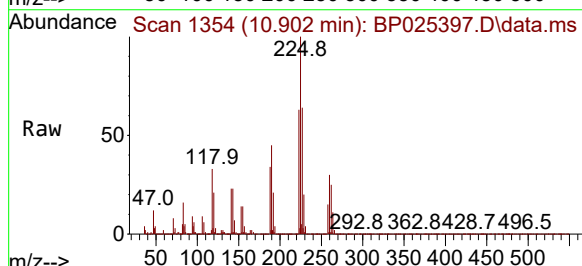
Manual Integrations
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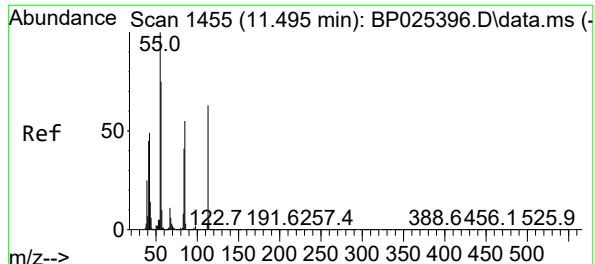
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

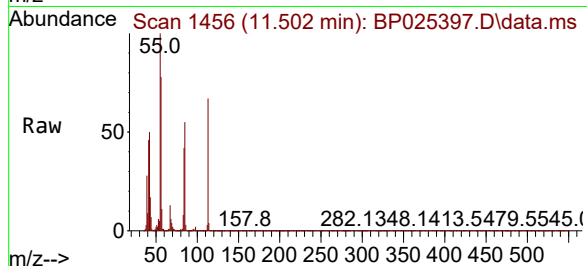
Tgt Ion:225 Resp: 312163
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 63.7 49.7 74.5





#35
 Caprolactam
 Concen: 52.969 ng
 RT: 11.502 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BP025397.D
 Acq: 14 Aug 2025 16:01

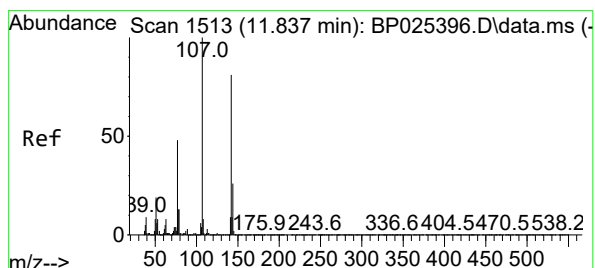
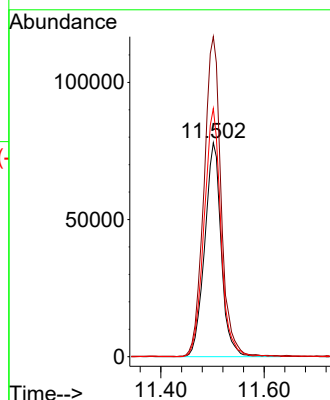
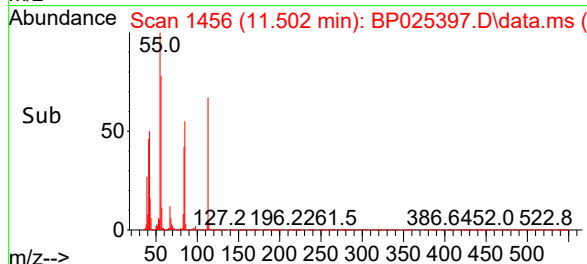
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



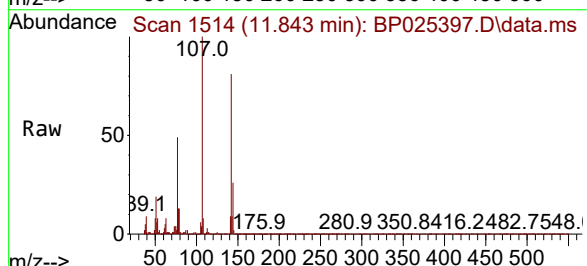
Tgt Ion:113 Resp: 17266
 Ion Ratio Lower Upper
 113 100
 55 149.6 140.0 180.0
 56 116.0 100.0 140.0

Manual Integrations
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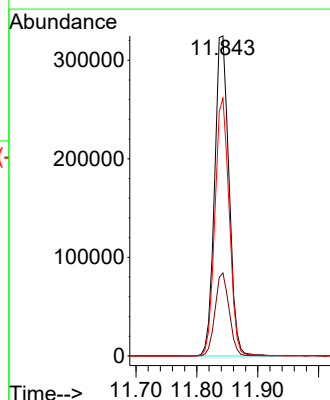
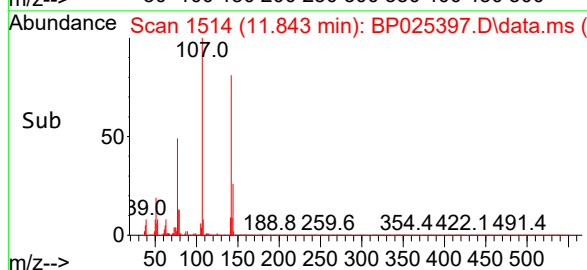
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

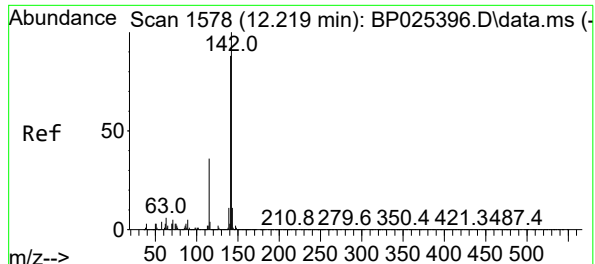


#36
 4-Chloro-3-methylphenol
 Concen: 52.407 ng
 RT: 11.843 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: BP025397.D
 Acq: 14 Aug 2025 16:01



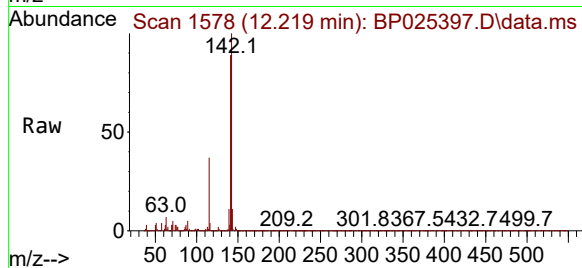
Tgt Ion:107 Resp: 534583
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.4
 142 80.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

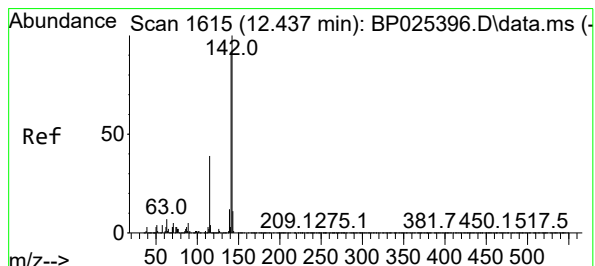
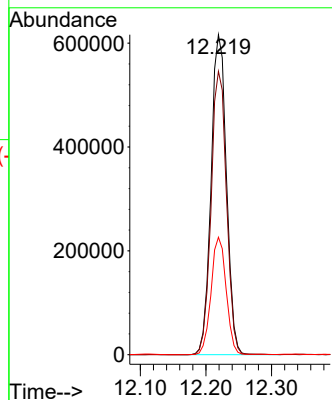
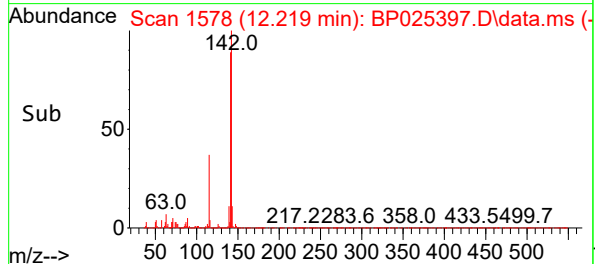
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



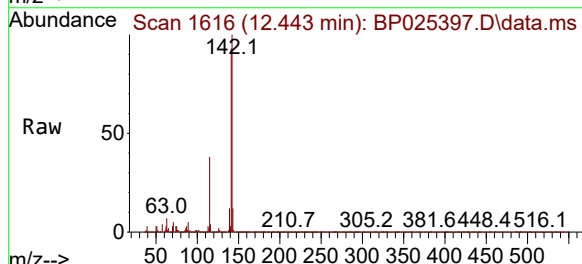
Tgt Ion:142 Resp: 100381
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 36.7 28.9 43.3

Manual Integrations
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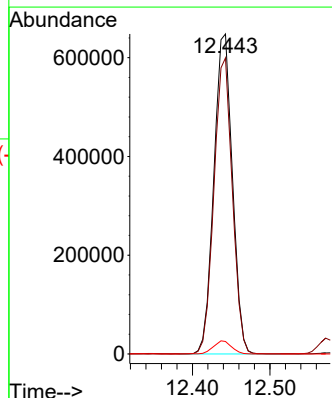
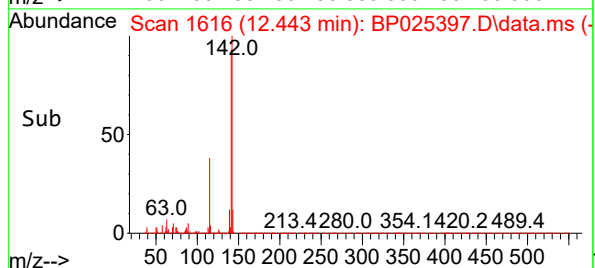
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

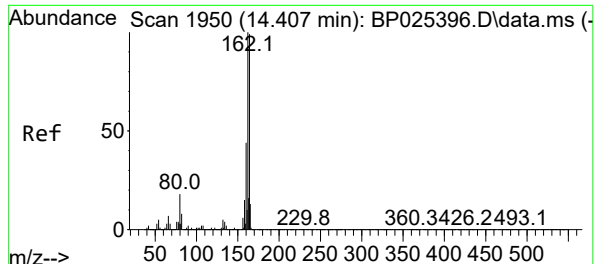


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



Tgt Ion:142 Resp: 1076949
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 37673

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

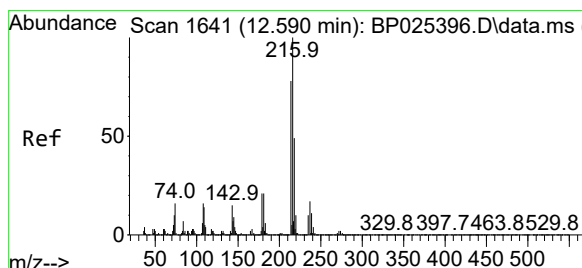
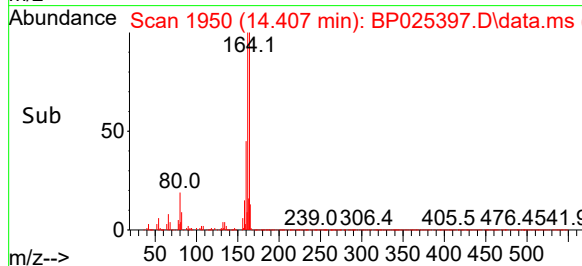
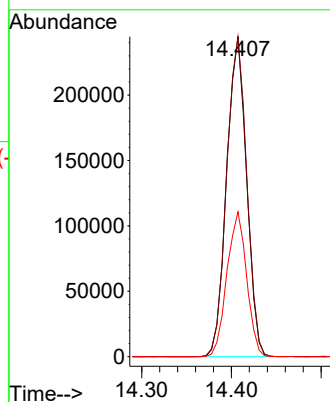
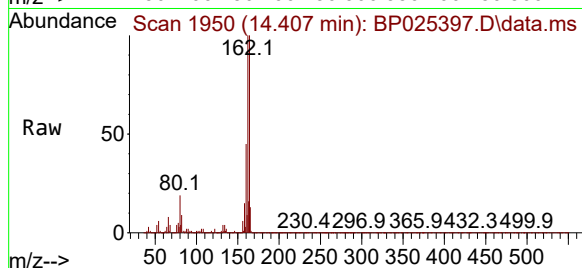
160 45.2 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.769 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:216 Resp: 574152

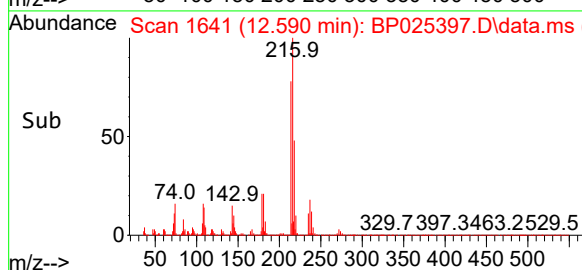
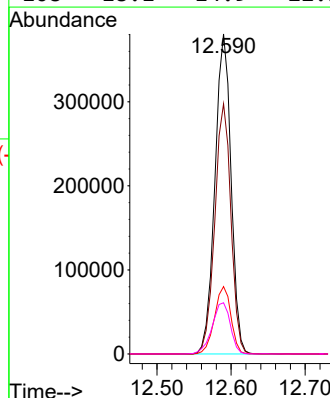
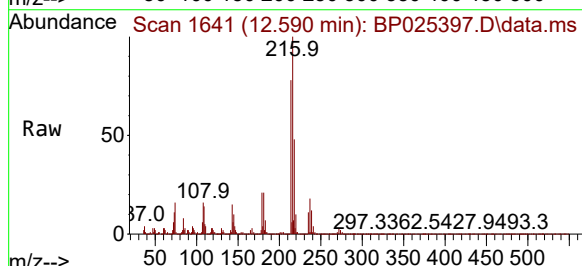
Ion Ratio Lower Upper

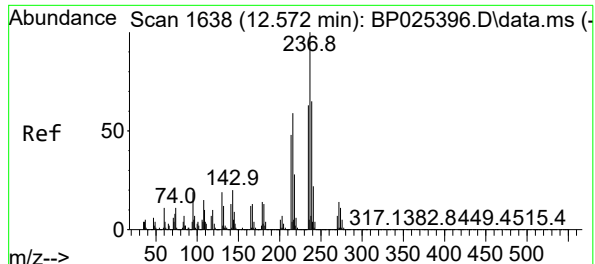
216 100

214 78.2 63.0 94.4

179 21.5 17.1 25.7

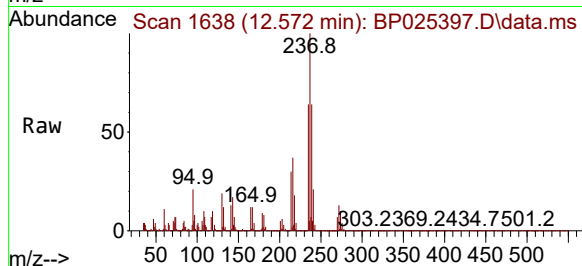
108 18.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

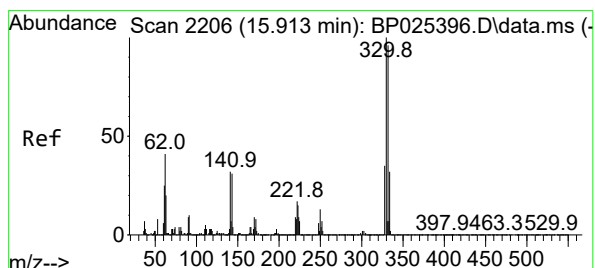
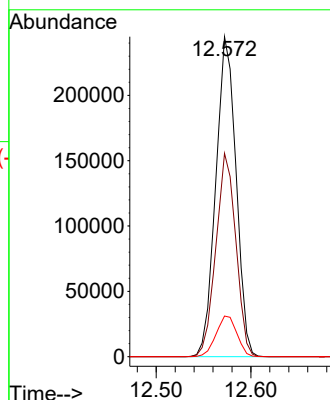
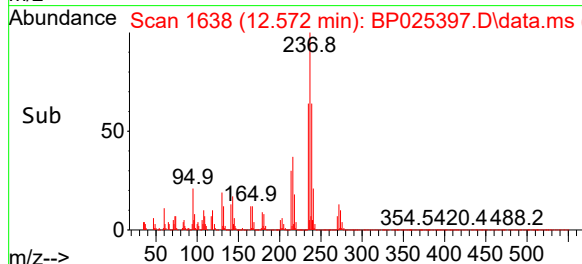
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 36404
Ion Ratio Lower Upper
237 100
235 63.6 42.7 82.7
272 12.7 0.0 34.0

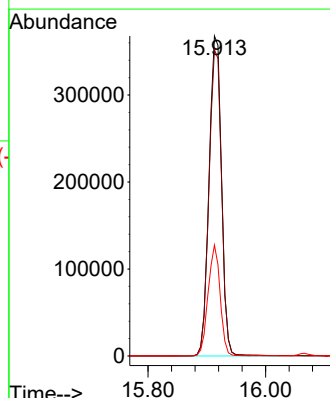
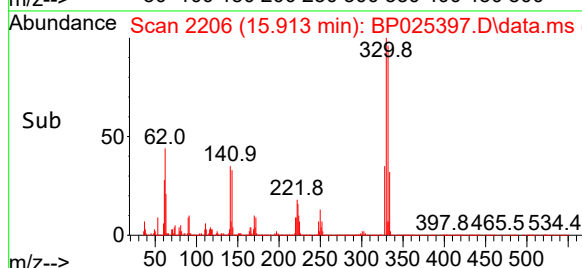
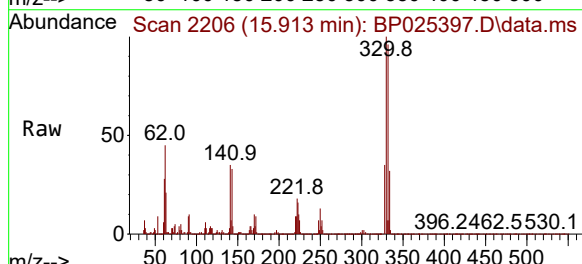
Manual Integrations
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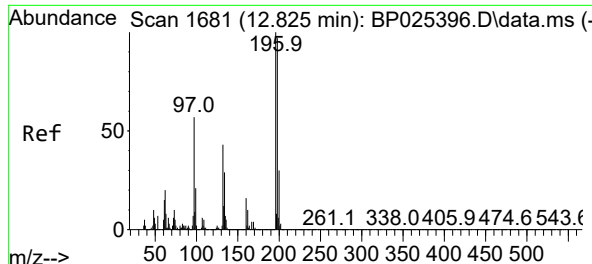
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 330 Resp: 539295
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 53.971 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 396440

Ion Ratio Lower Upper

196 100

198 96.3 77.2 115.8

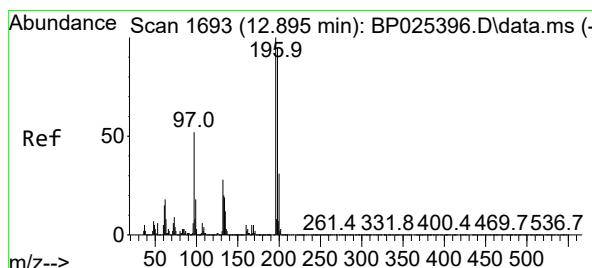
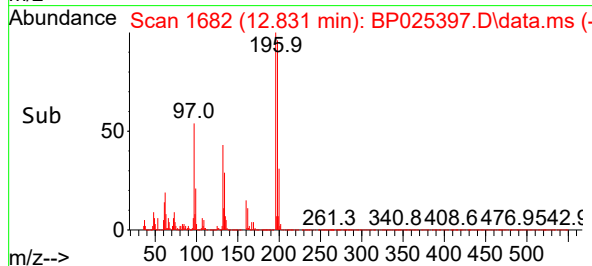
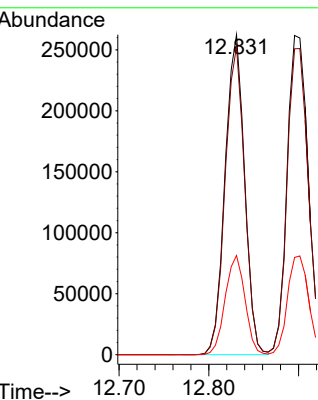
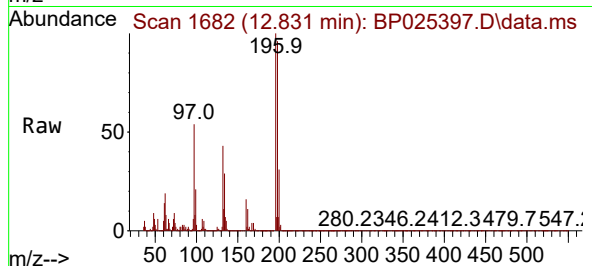
200 31.0 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 53.421 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

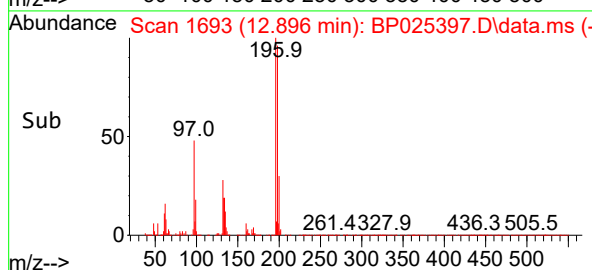
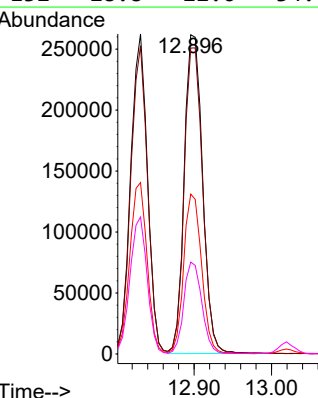
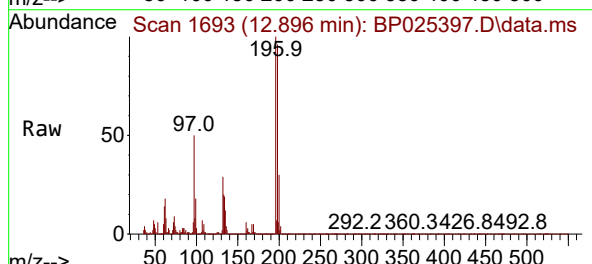
Ion Ratio Lower Upper

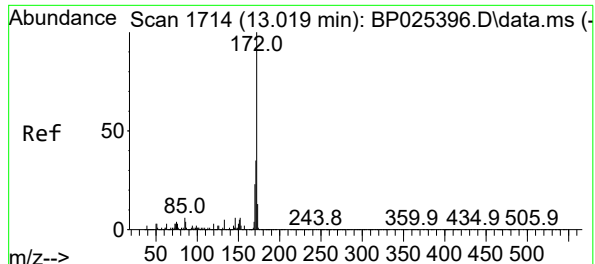
196 100

198 95.8 76.2 114.2

97 50.1 41.2 61.8

132 28.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 103.632 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2856639

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

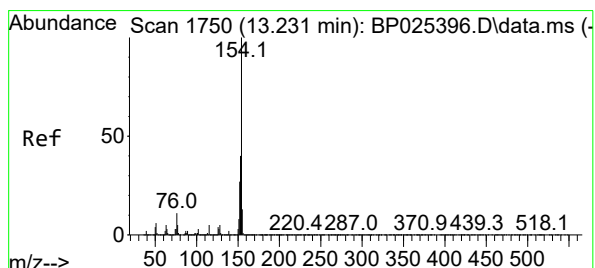
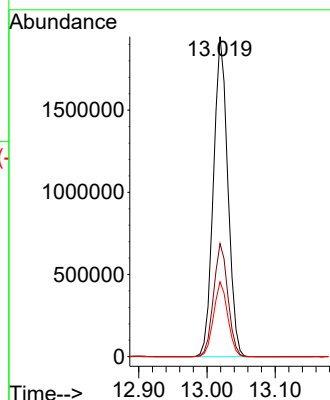
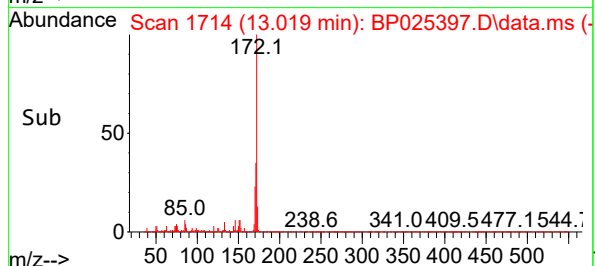
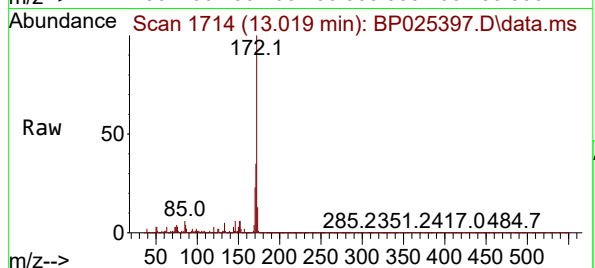
170 23.4 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 52.922 ng

RT: 13.231 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

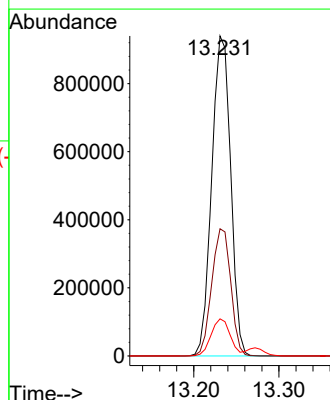
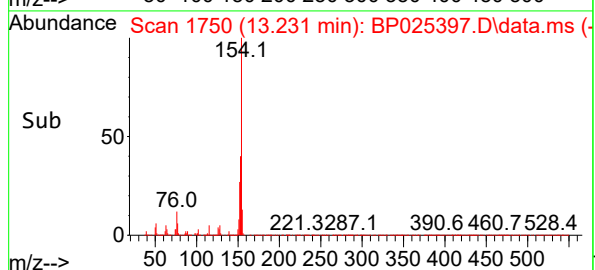
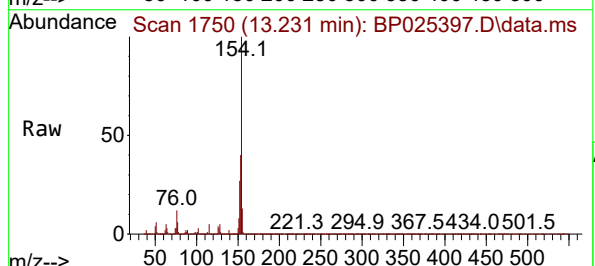
Tgt Ion:154 Resp: 1447968

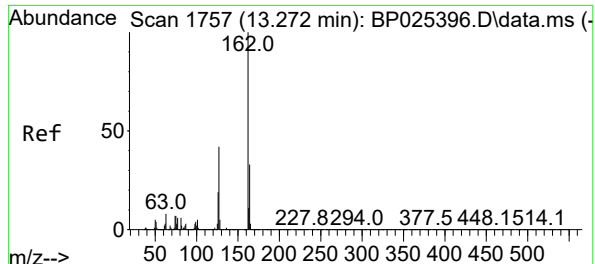
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

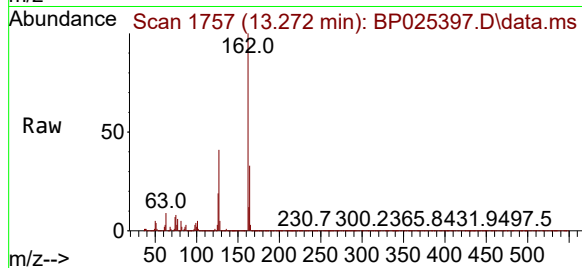
76 11.6 0.0 31.1





#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

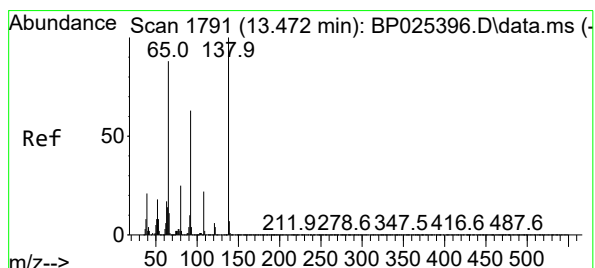
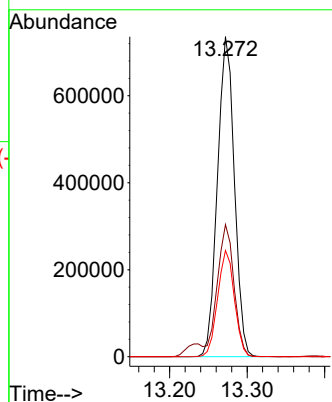
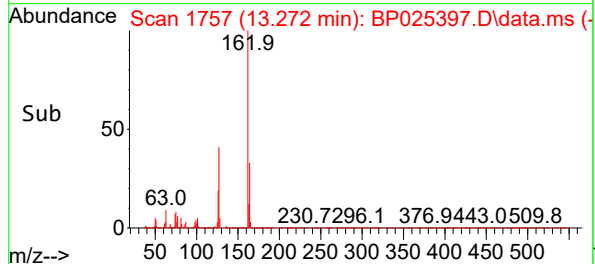
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 162 Resp: 111492
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 33.2 26.2 39.2

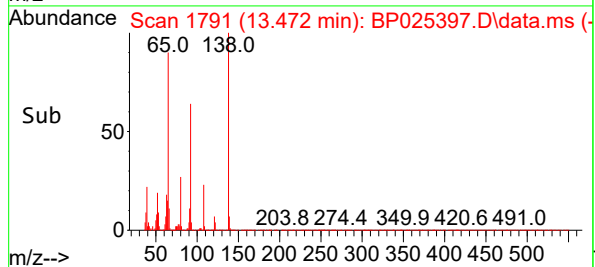
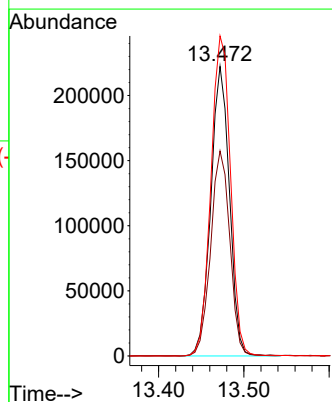
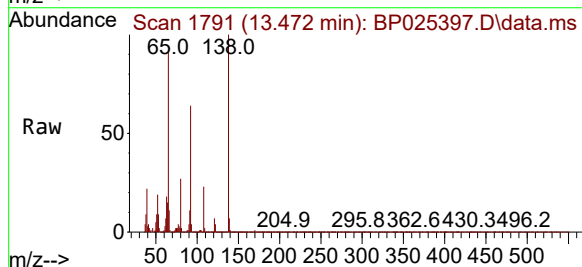
Manual Integrations
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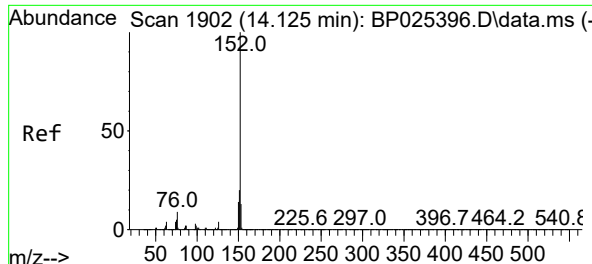
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939
Ion Ratio Lower Upper
65 100
92 70.7 57.6 86.4
138 110.5 91.0 136.6





#49

Acenaphthylene

Concen: 53.227 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025397.D

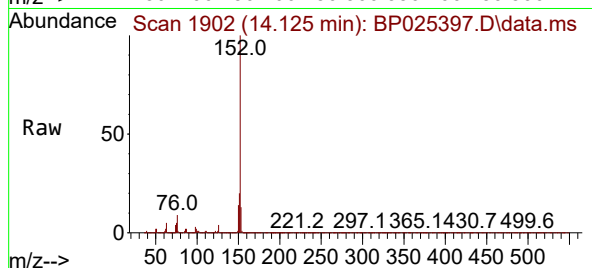
Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 1875998

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

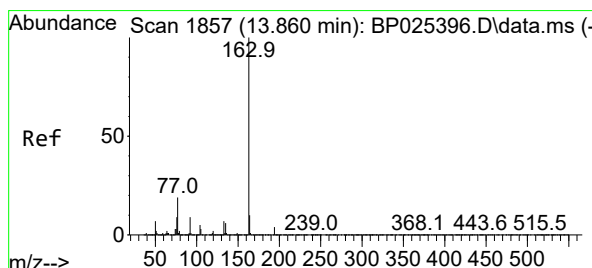
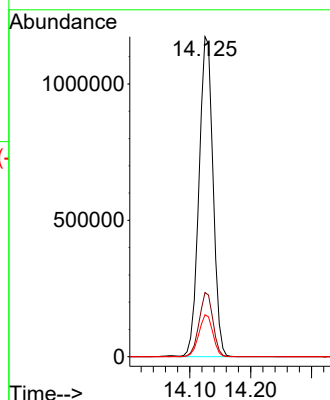
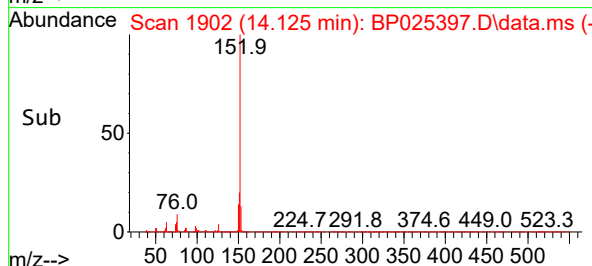
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

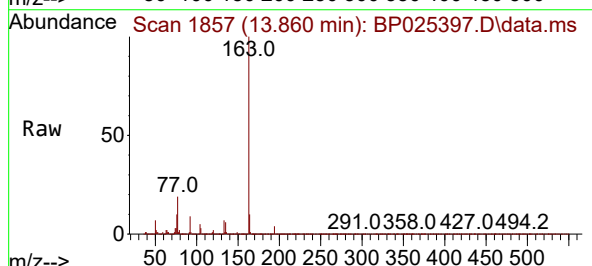
Concen: 51.622 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01



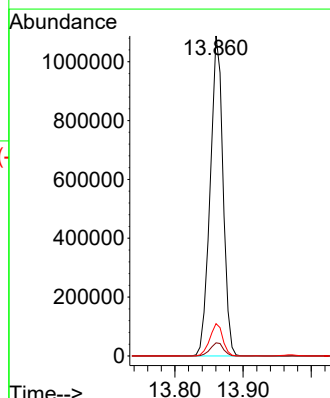
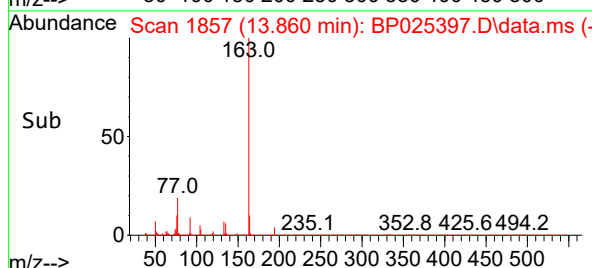
Tgt Ion:163 Resp: 1424127

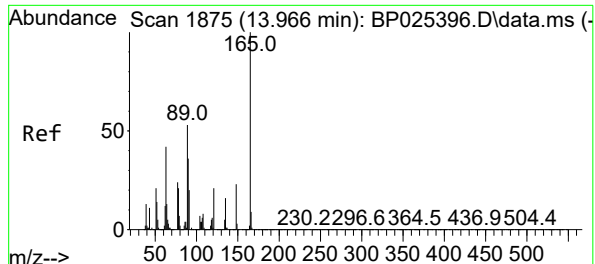
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

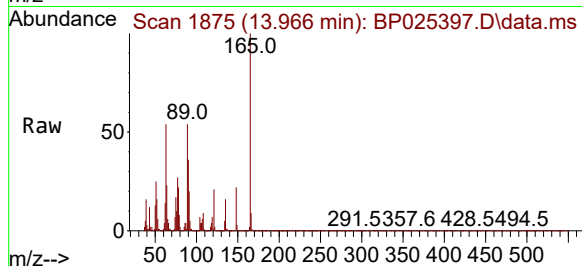
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

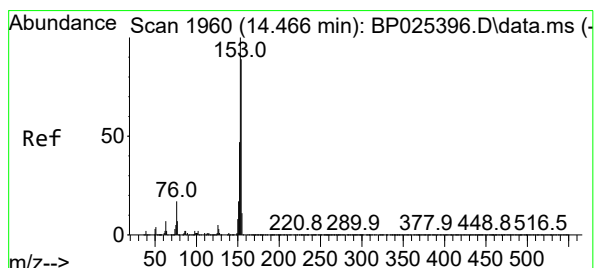
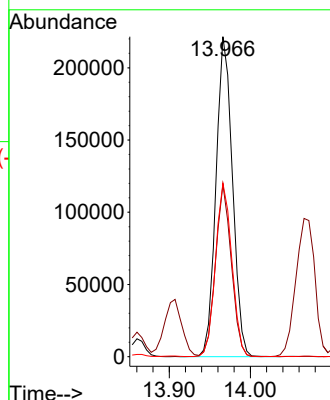
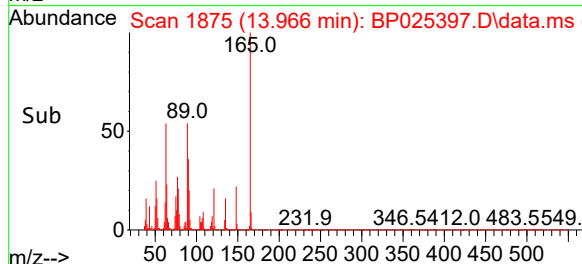
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 312149
Ion Ratio Lower Upper
165 100
63 53.8 40.9 61.3
89 54.2 42.1 63.1

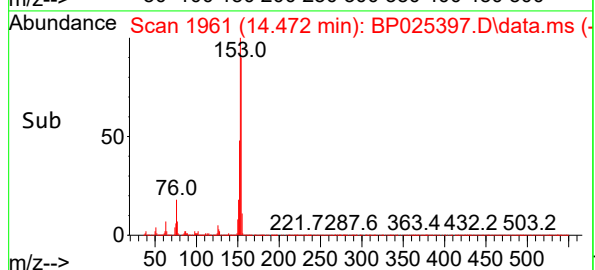
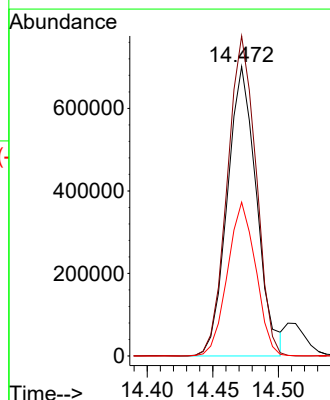
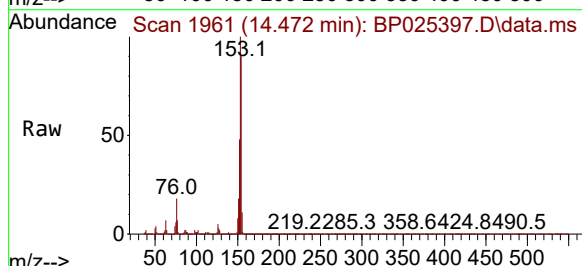
Manual Integrations
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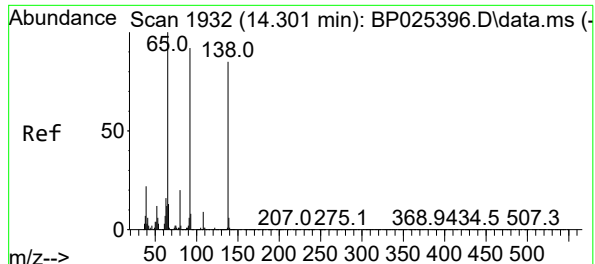
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

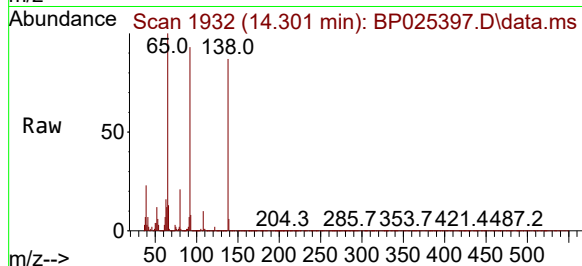
Tgt Ion:154 Resp: 1087721
Ion Ratio Lower Upper
154 100
153 110.6 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 55.339 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

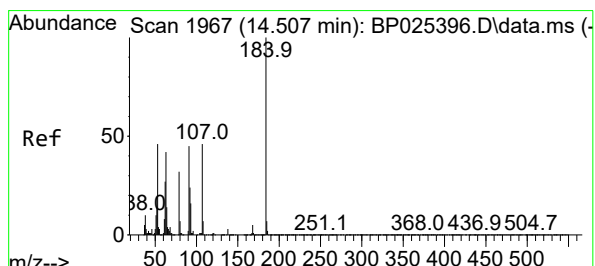
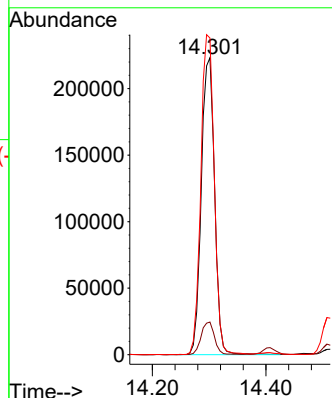
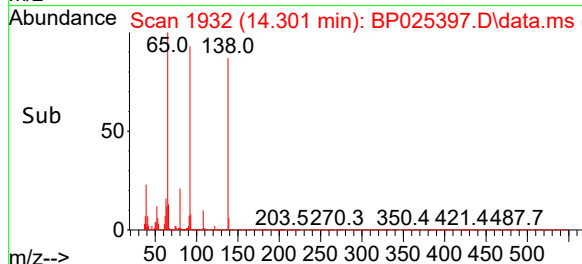
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 362030
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 106.6 86.2 129.2

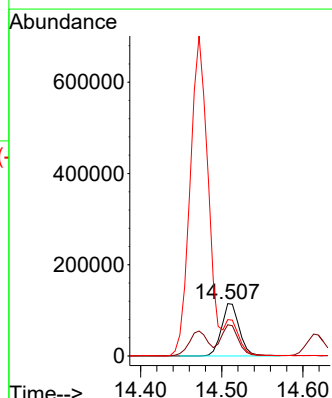
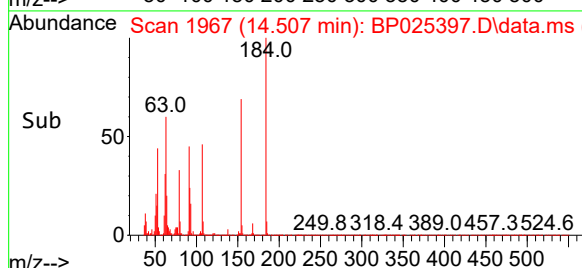
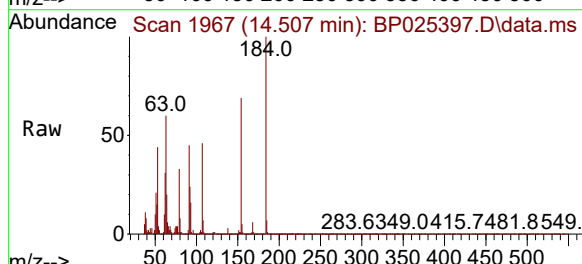
Manual Integrations
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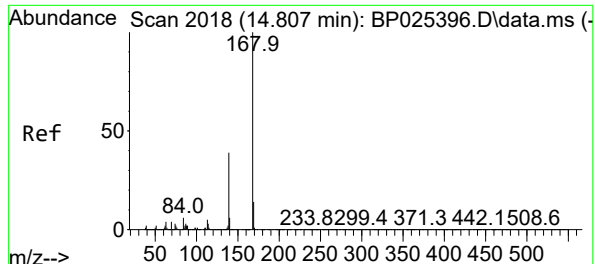
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

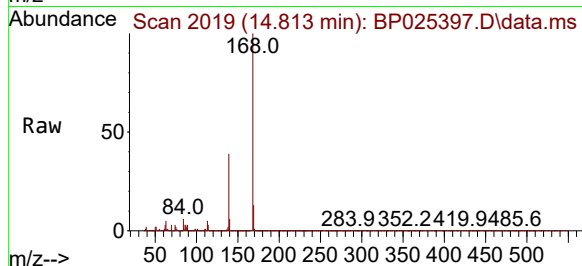
Tgt Ion:184 Resp: 175453
Ion Ratio Lower Upper
184 100
63 59.7 49.4 74.2
154 69.4 54.6 82.0





#55
Dibenzenofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

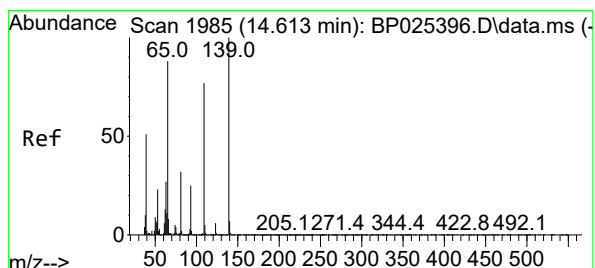
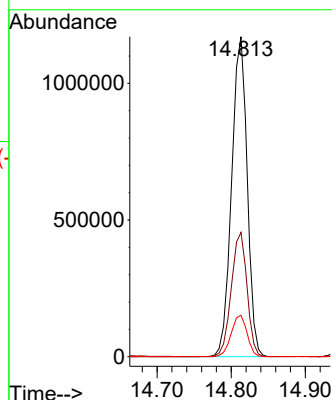
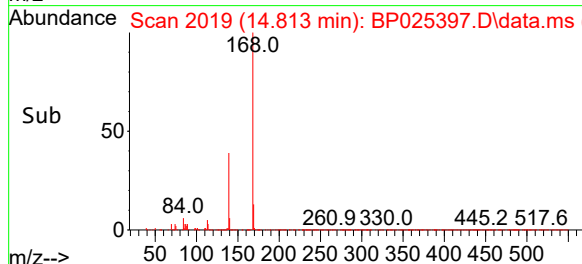
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1705630
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.0 10.9 16.3

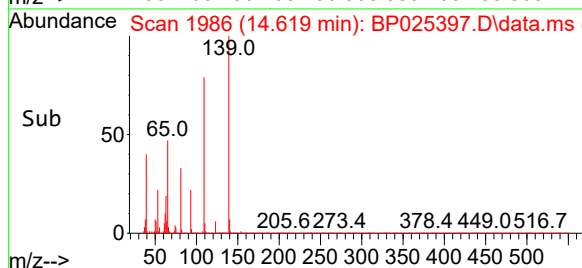
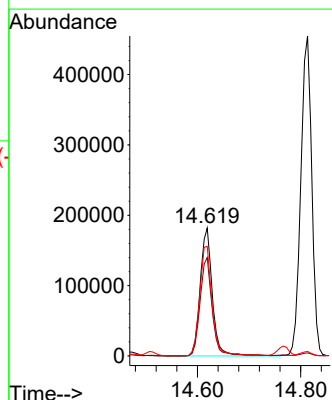
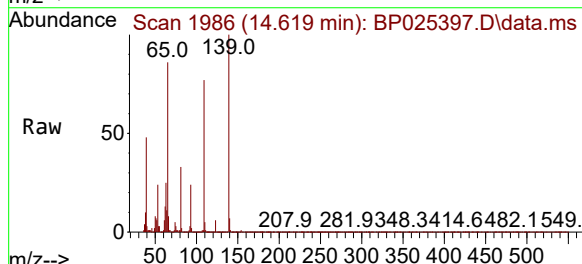
Manual Integrations
APPROVED

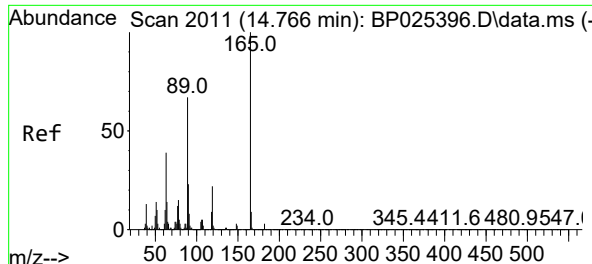
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

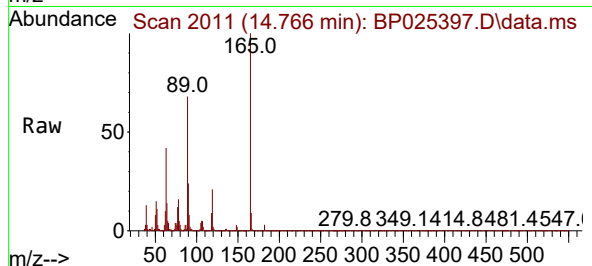
Tgt Ion:139 Resp: 296227
Ion Ratio Lower Upper
139 100
109 76.8 56.6 96.6
65 85.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

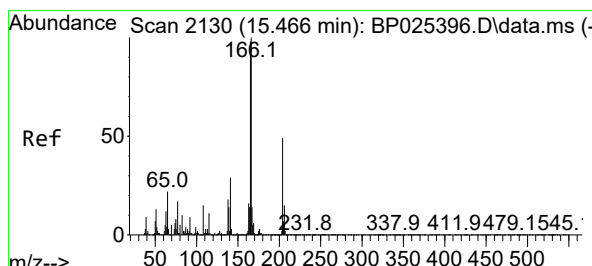
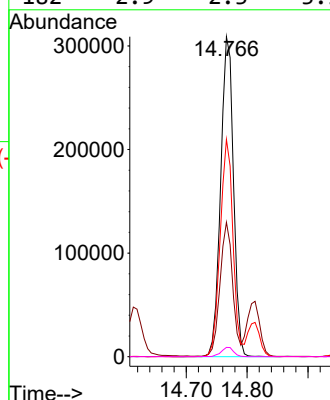
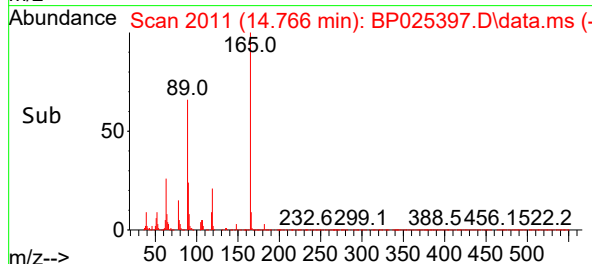
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 45092
Ion Ratio Lower Upper
165 100
63 42.0 31.4 47.2
89 67.9 53.3 79.9
182 2.9 2.3 3.5

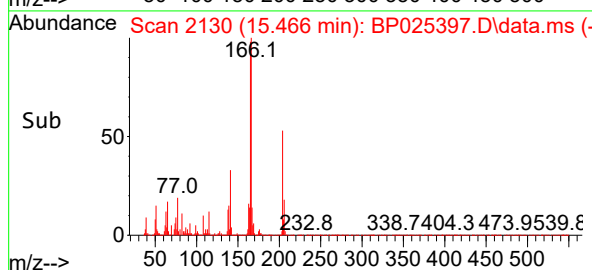
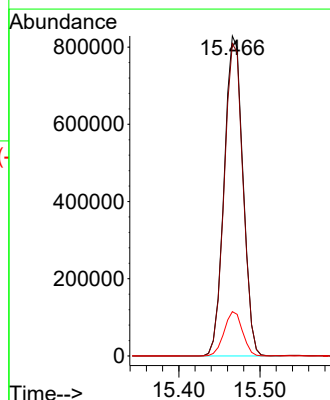
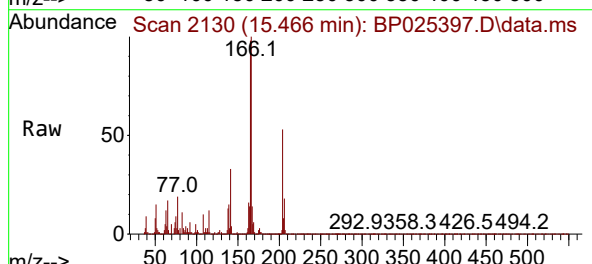
Manual Integrations
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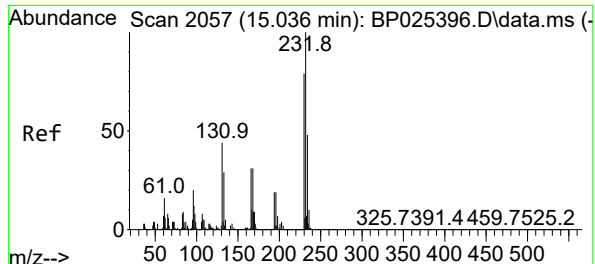
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

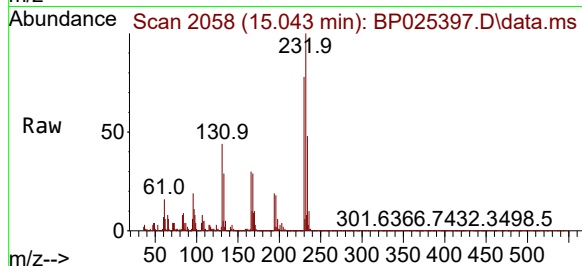
Tgt Ion:166 Resp: 1332448
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

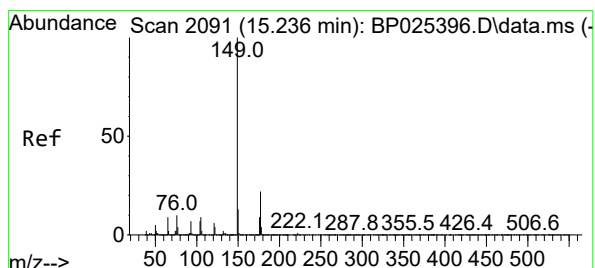
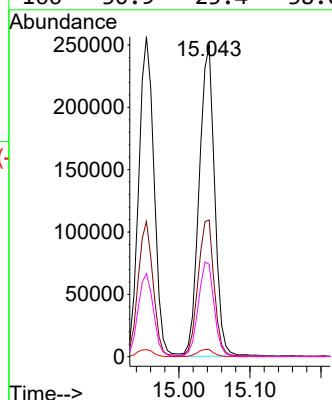
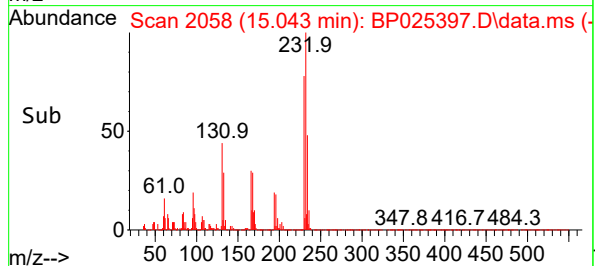
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 37874
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.5 1.9 2.9
166 30.9 25.4 38.0

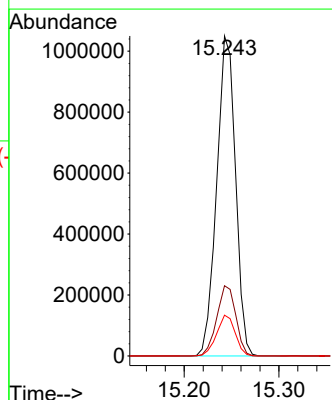
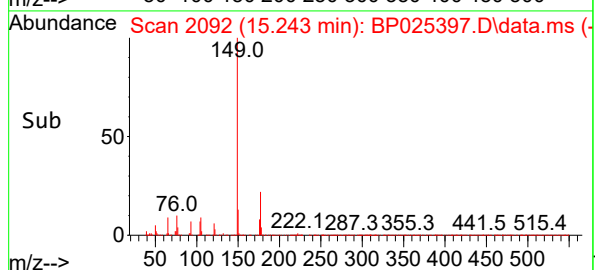
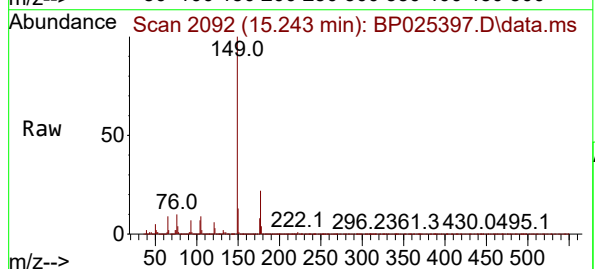
Manual Integrations
APPROVED

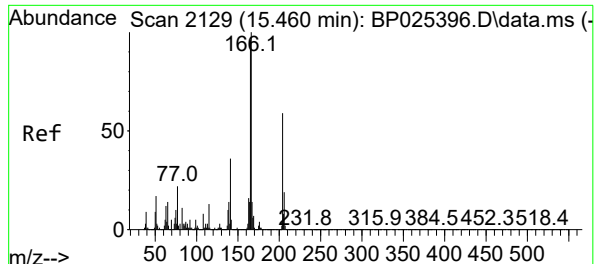
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1450033
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.8 10.3 15.5





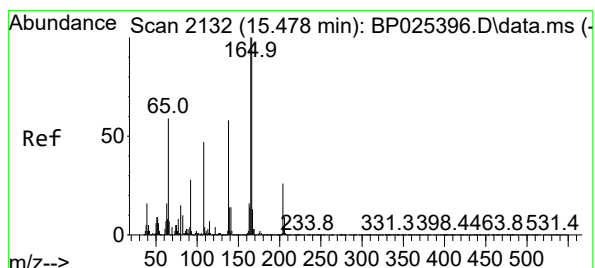
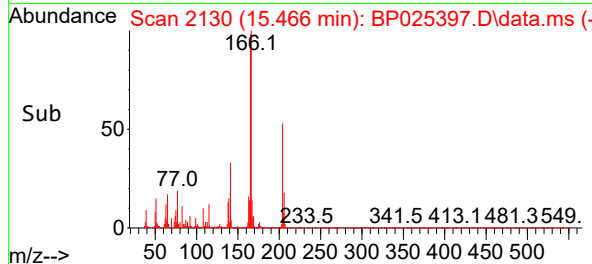
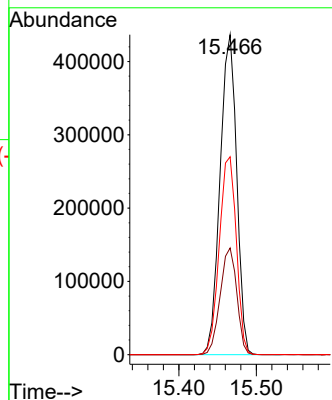
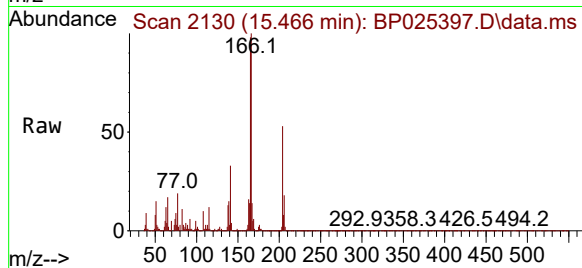
#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 65010
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.8 49.4 74.2

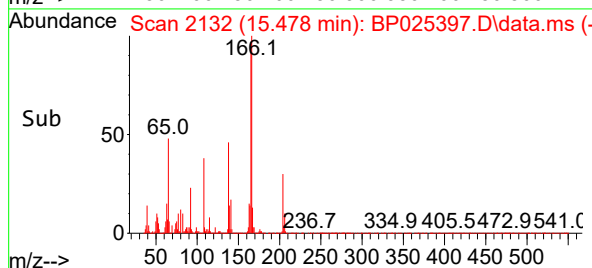
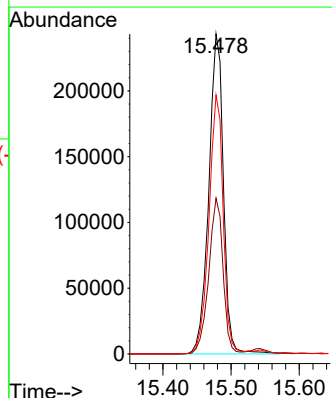
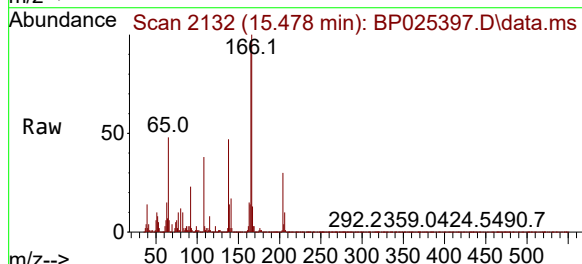
Manual Integrations
APPROVED

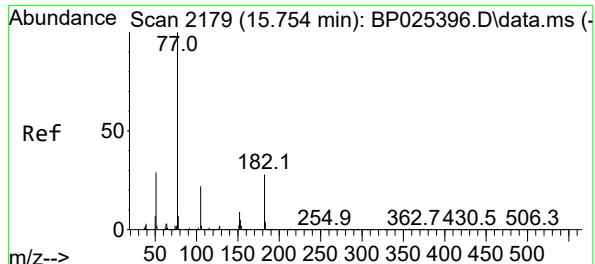
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

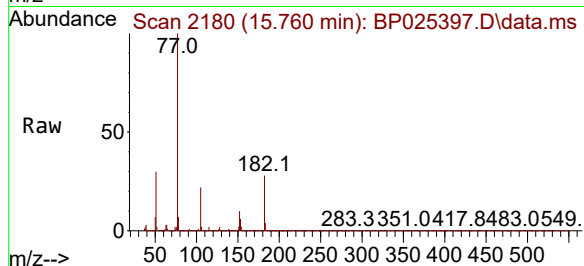
Tgt Ion:138 Resp: 364030
Ion Ratio Lower Upper
138 100
92 48.6 29.1 69.1
108 80.9 61.5 101.5





#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

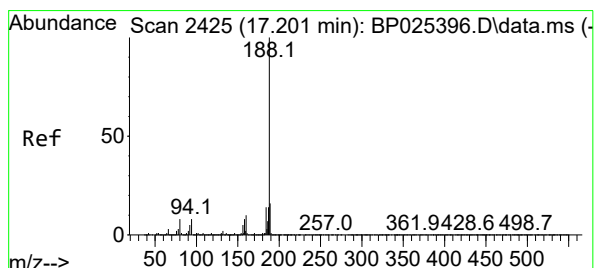
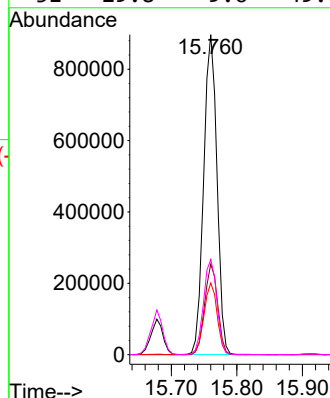
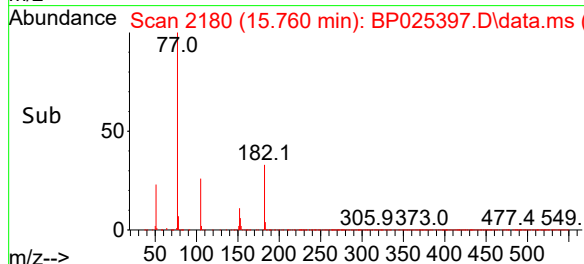
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1262570
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 22.4 2.1 42.1
51 29.8 9.6 49.6

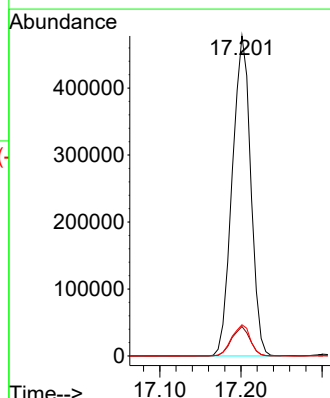
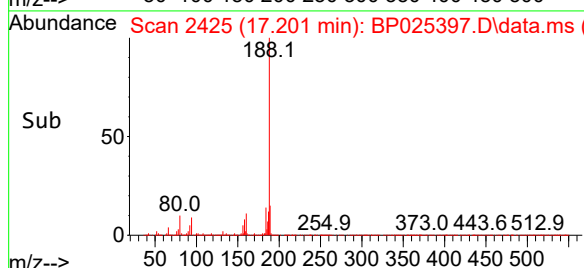
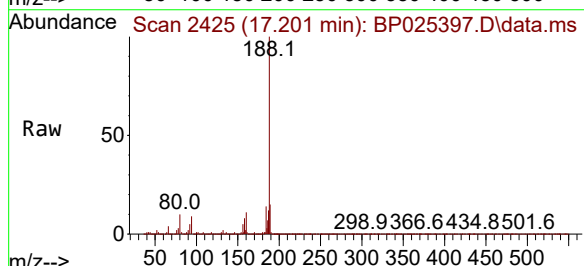
Manual Integrations
APPROVED

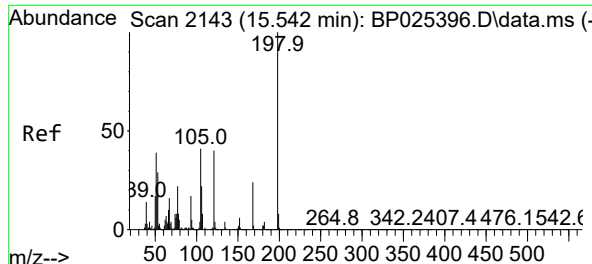
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

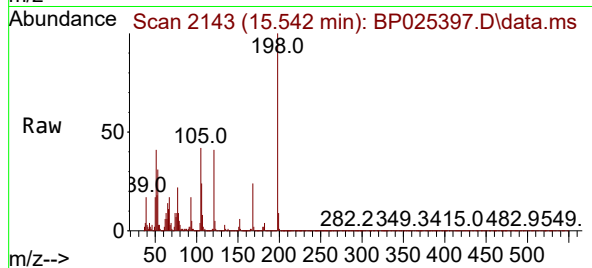
Tgt Ion:188 Resp: 753705
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

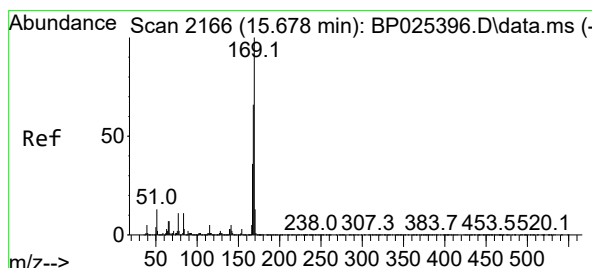
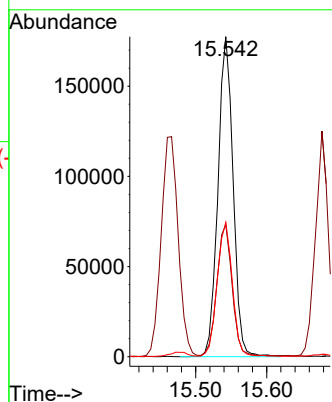
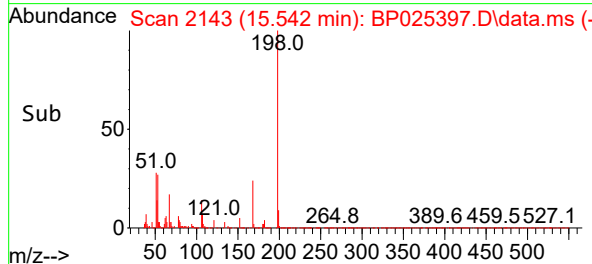
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 262120
Ion Ratio Lower Upper
198 100
51 41.2 19.6 59.6
105 42.0 20.9 60.9

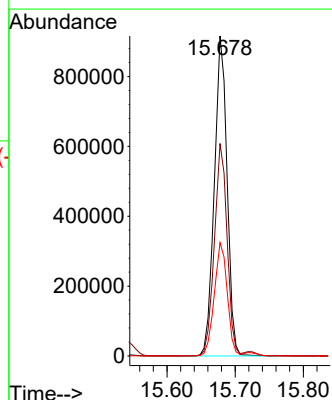
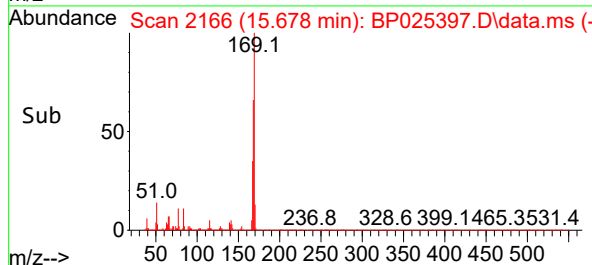
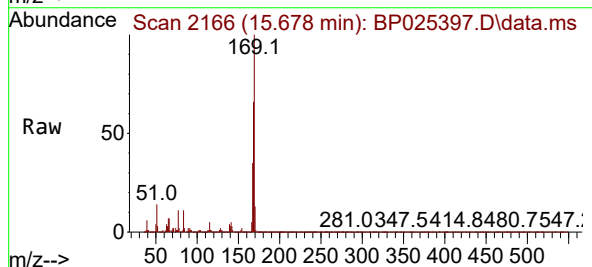
Manual Integrations
APPROVED

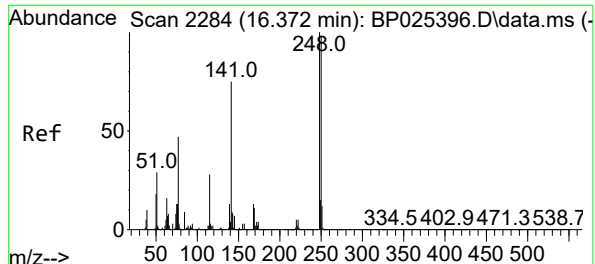
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

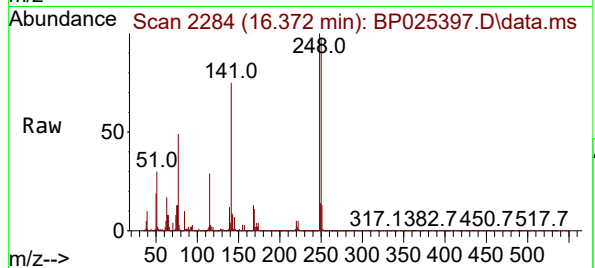
Tgt Ion:169 Resp: 1195077
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

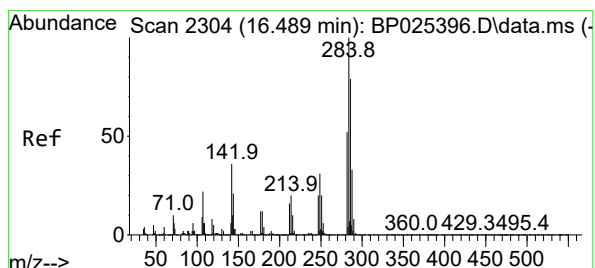
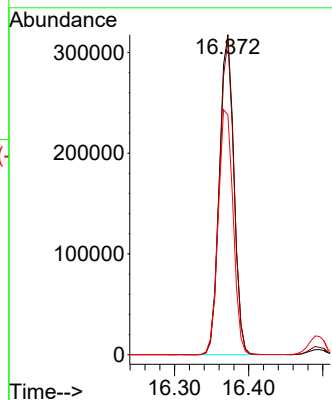
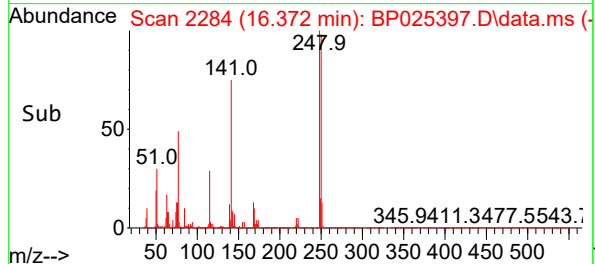
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 433740
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 75.0 59.6 89.4

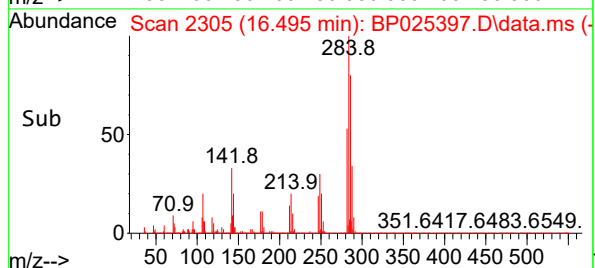
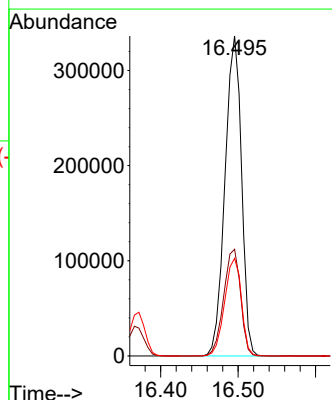
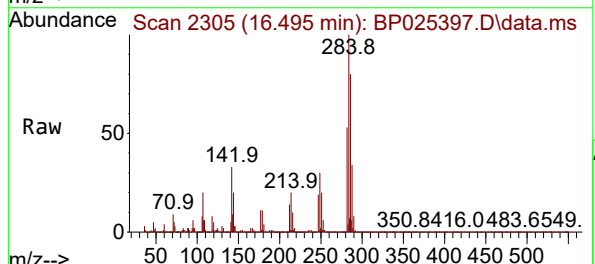
Manual Integrations
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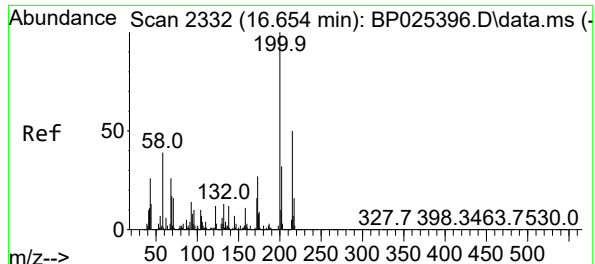
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

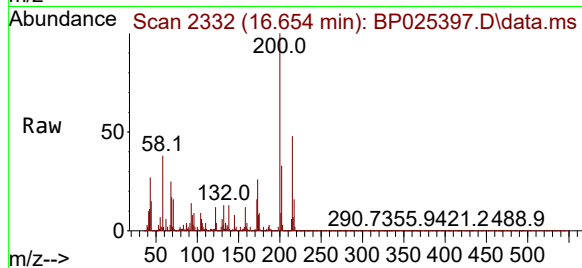
Tgt Ion:284 Resp: 497906
Ion Ratio Lower Upper
284 100
142 33.3 29.1 43.7
249 30.5 25.0 37.4





#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

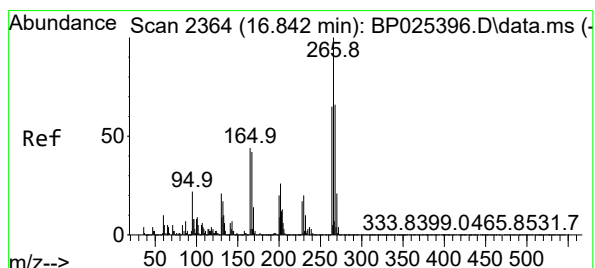
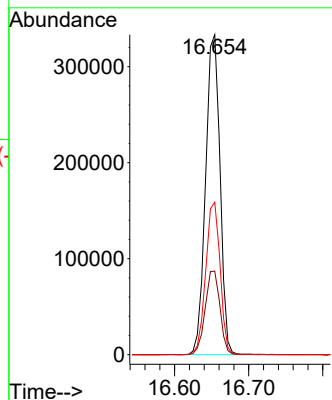
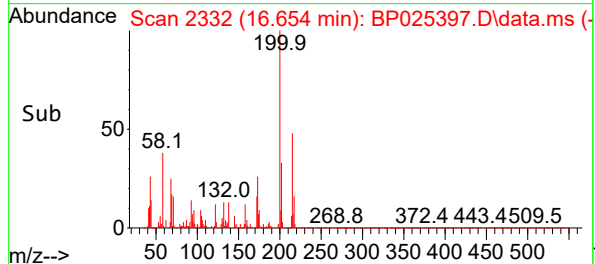
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



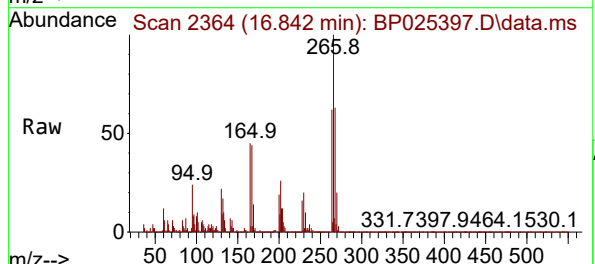
Tgt Ion:200 Resp: 451704
Ion Ratio Lower Upper
200 100
173 26.1 6.7 46.7
215 47.7 29.7 69.7

Manual Integrations
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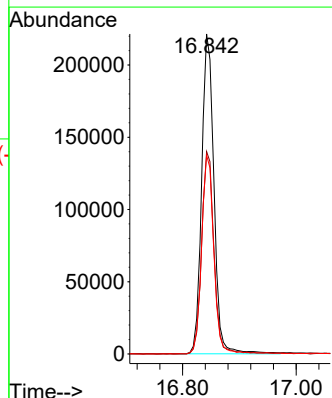
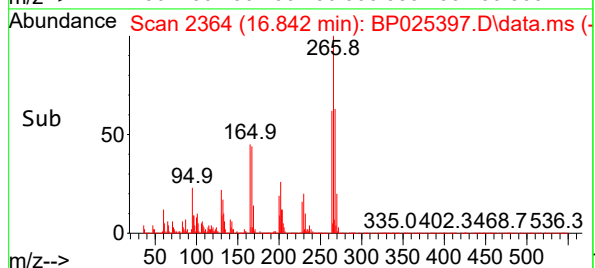
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

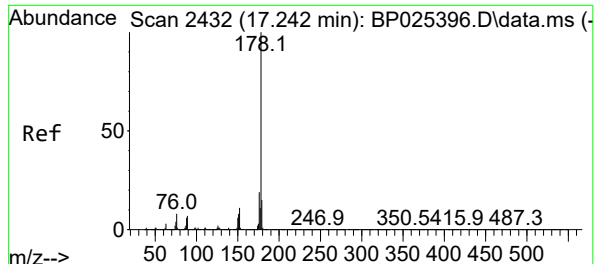


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



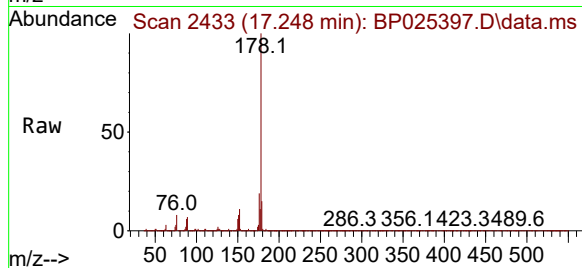
Tgt Ion:266 Resp: 332839
Ion Ratio Lower Upper
266 100
268 63.2 52.6 79.0
264 62.1 52.0 78.0





#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

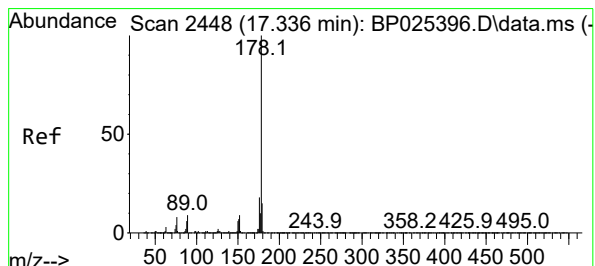
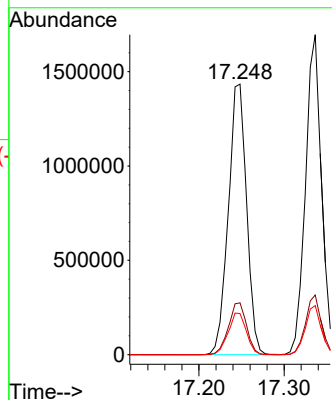
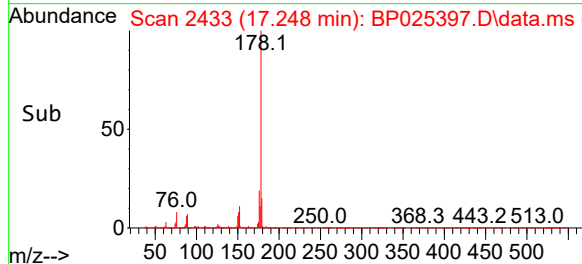
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 213943
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.2 18.4

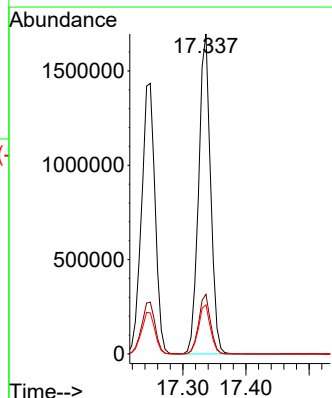
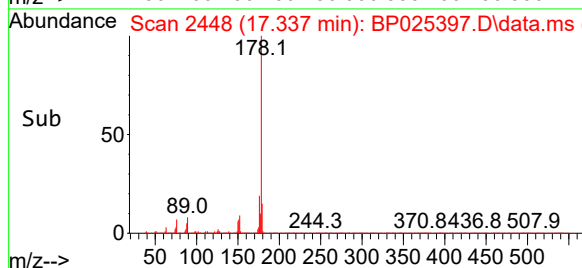
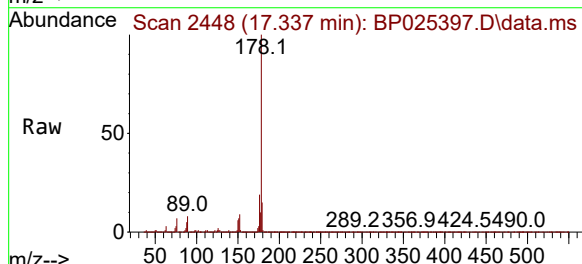
Manual Integrations
APPROVED

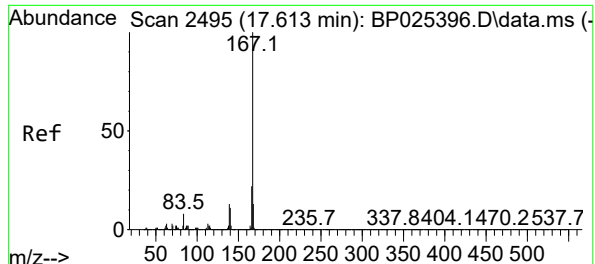
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

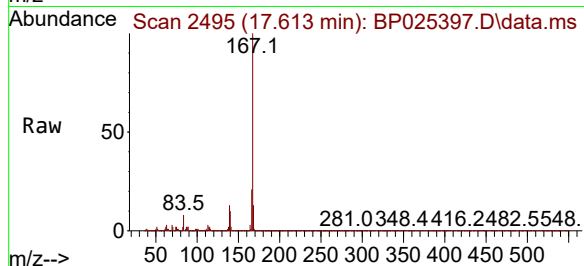
Tgt Ion:178 Resp: 2214911
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.2





#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

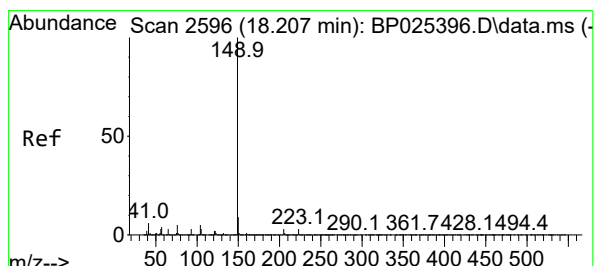
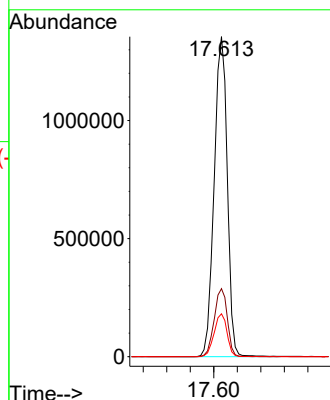
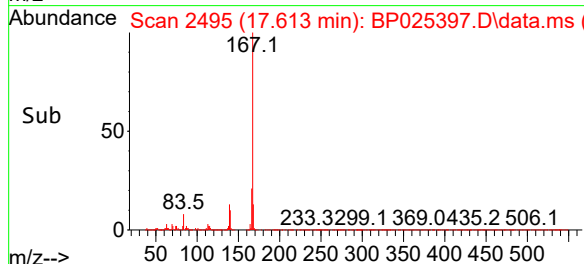
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 209317
Ion Ratio Lower Upper
167 100
166 21.2 17.5 26.3
139 13.4 10.6 16.0

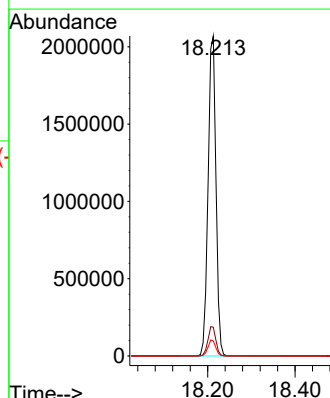
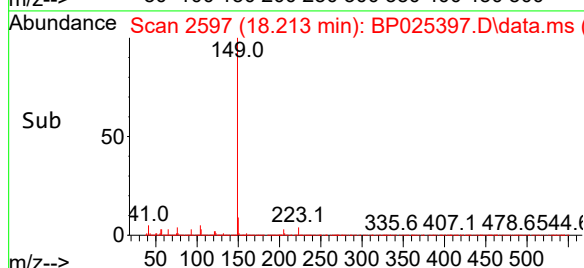
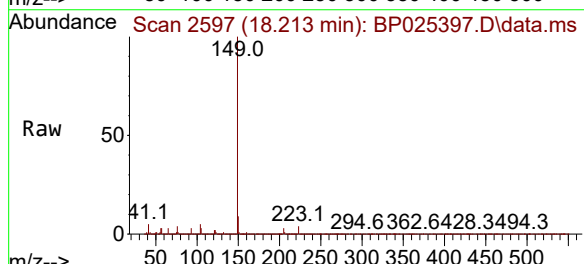
Manual Integrations
APPROVED

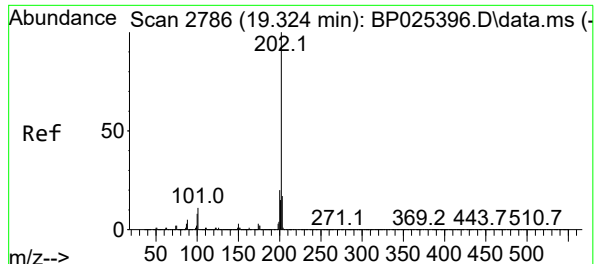
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

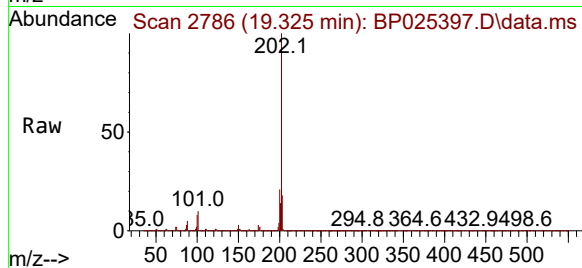
Tgt Ion:149 Resp: 2589522
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

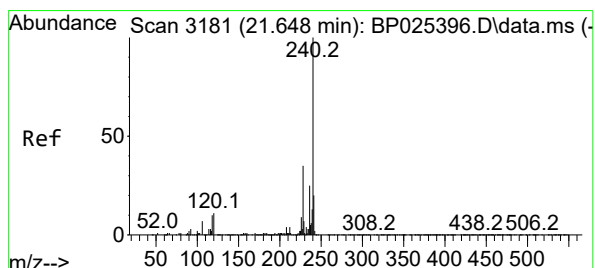
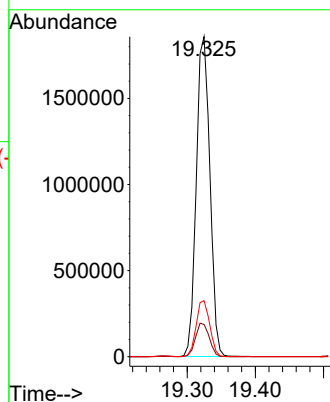
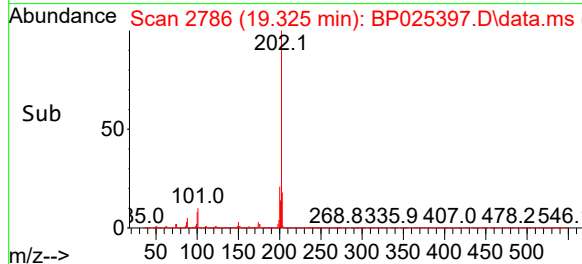
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 256370
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.5 0.0 37.3

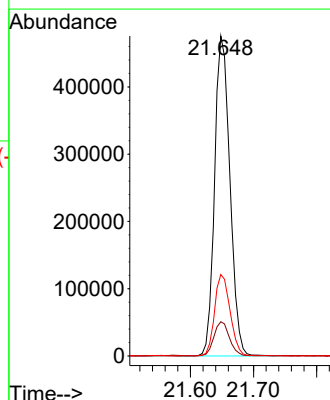
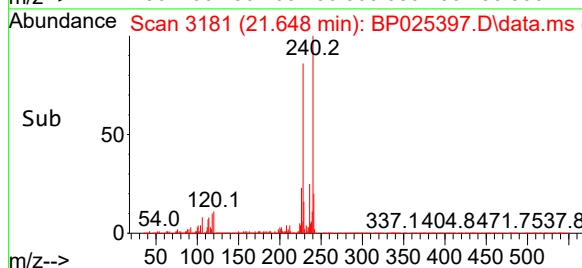
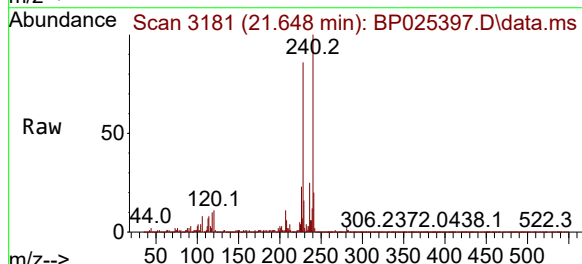
Manual Integrations
APPROVED

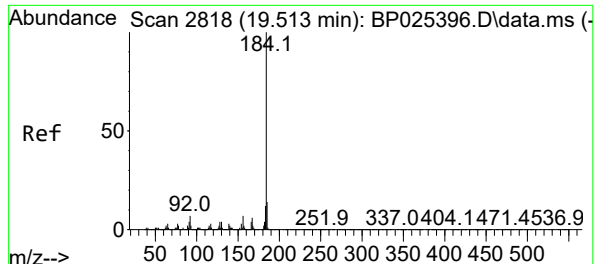
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

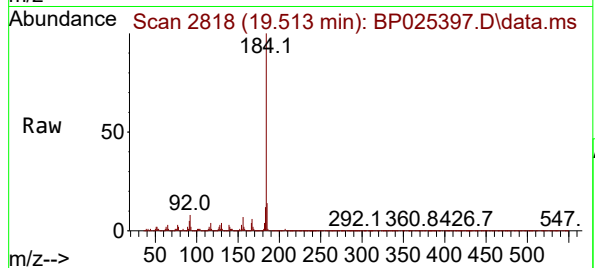
Tgt Ion:240 Resp: 801742
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

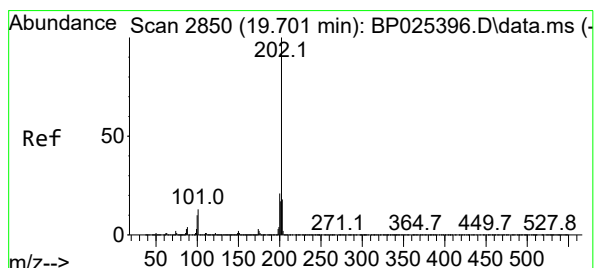
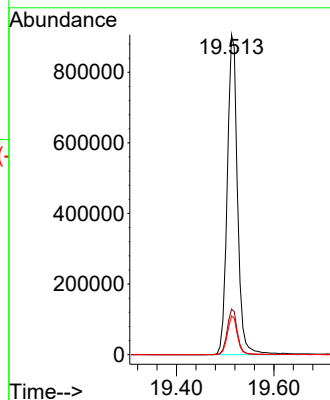
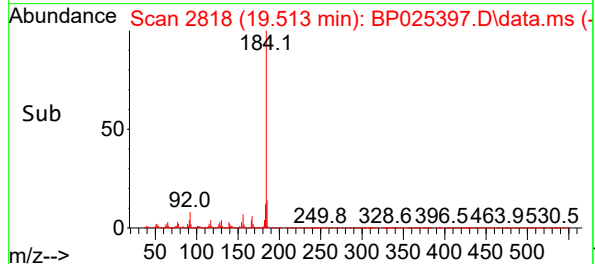
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 1330198
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.1 9.4 14.2

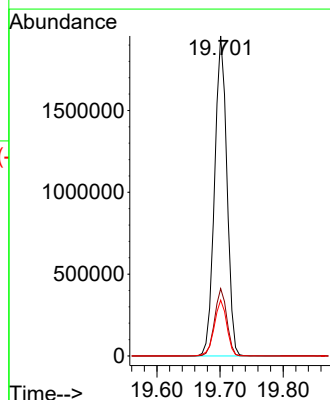
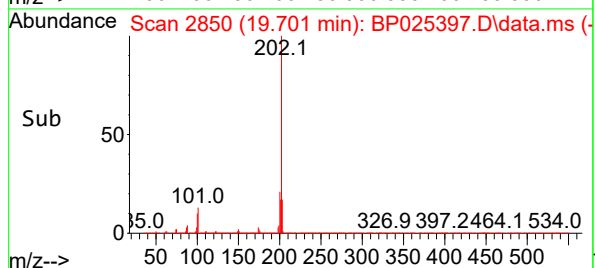
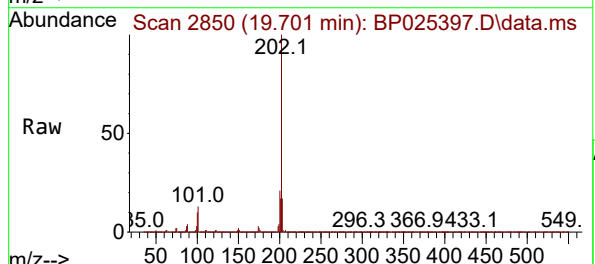
Manual Integrations
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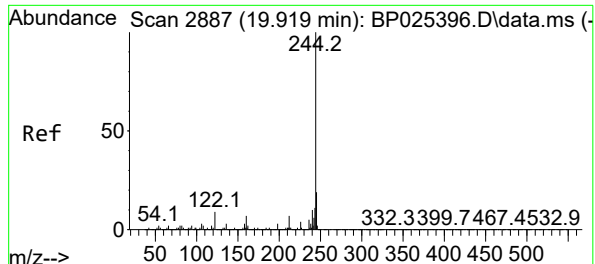
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

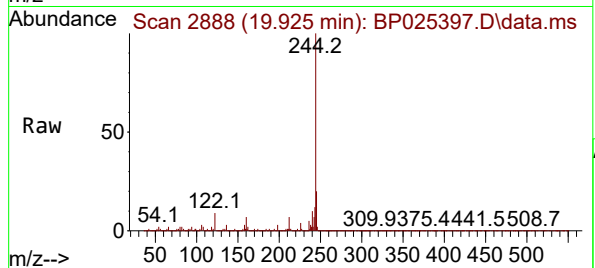
Tgt Ion:202 Resp: 2644850
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.2 21.2





#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

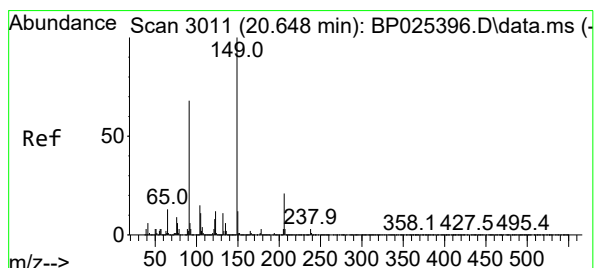
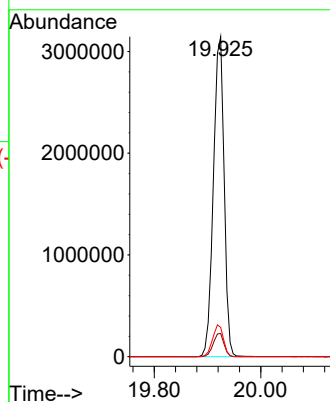
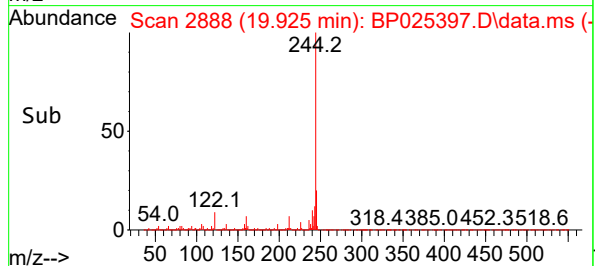
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 4409094
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.2 7.4 11.2

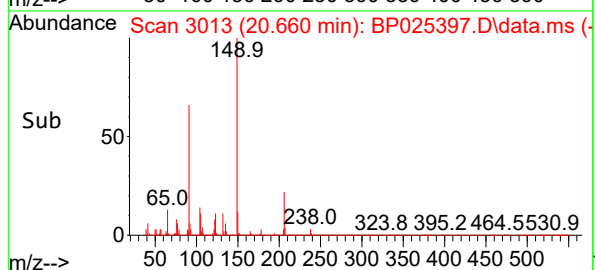
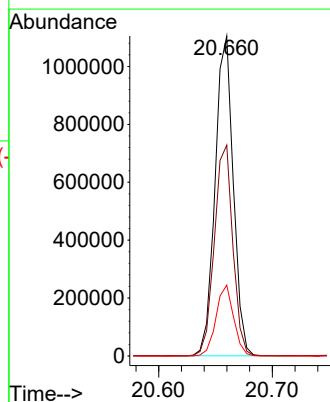
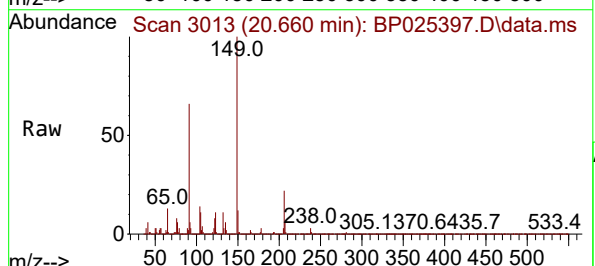
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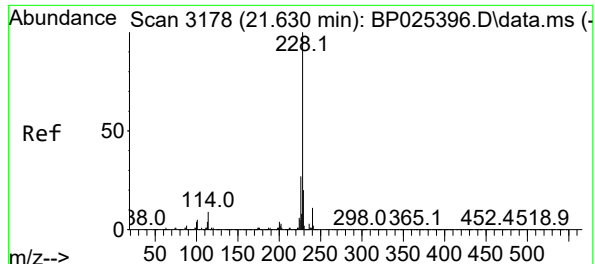
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

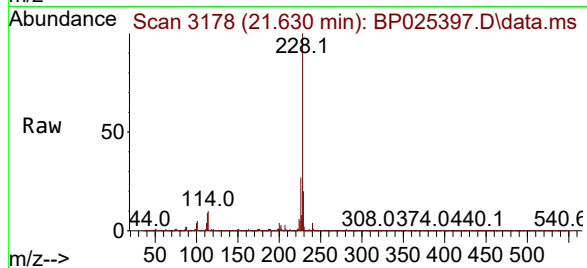
Tgt Ion:149 Resp: 1231376
Ion Ratio Lower Upper
149 100
91 65.9 54.2 81.2
206 22.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

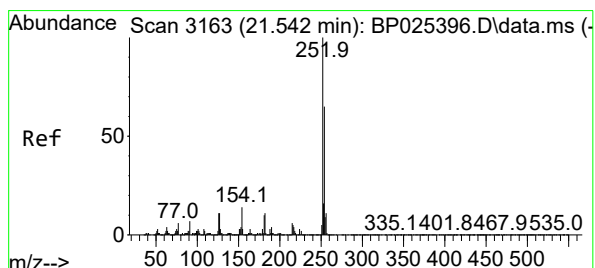
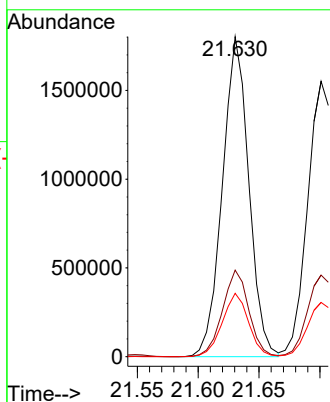
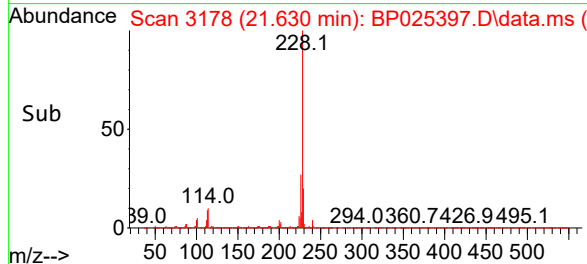
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 2723000
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.6 23.4

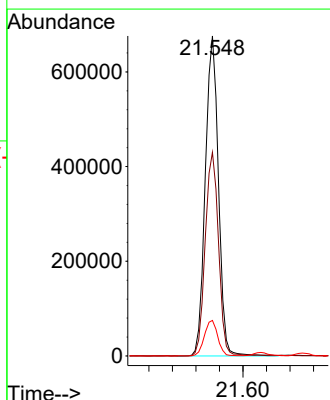
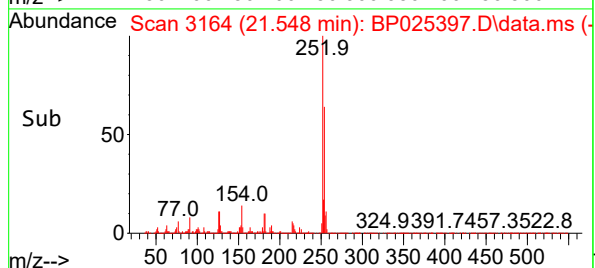
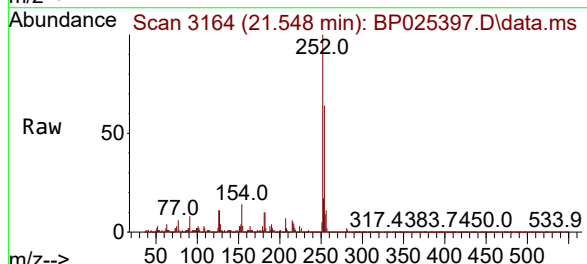
Manual Integrations
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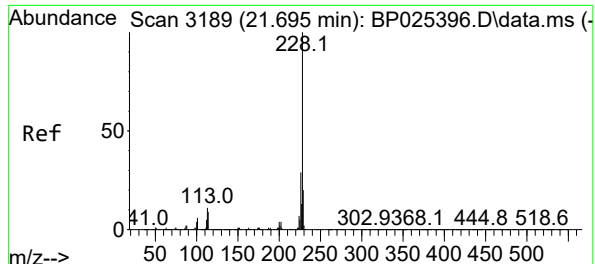
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

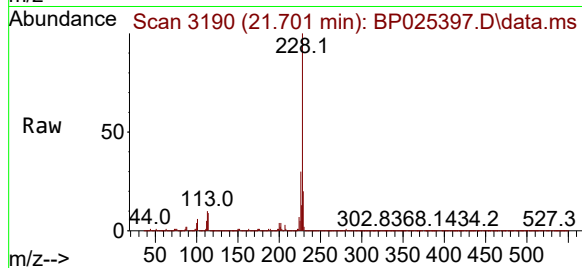
Tgt Ion:252 Resp: 1043476
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 11.1 9.1 13.7





#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3189
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

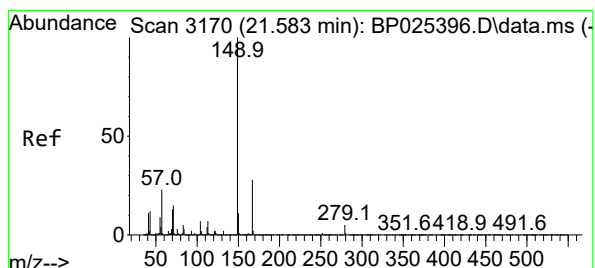
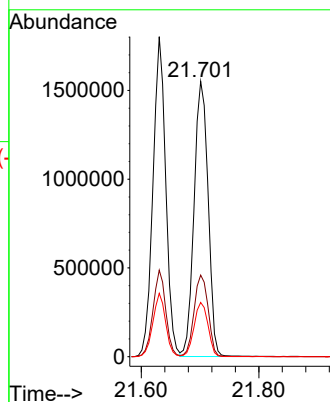
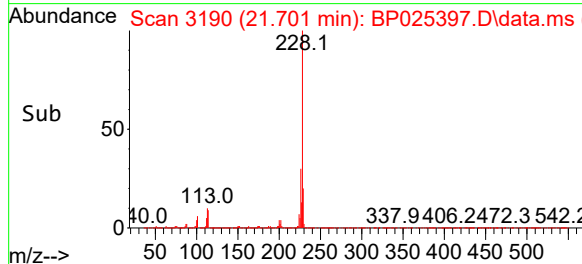
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 2565850
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.7 15.6 23.4

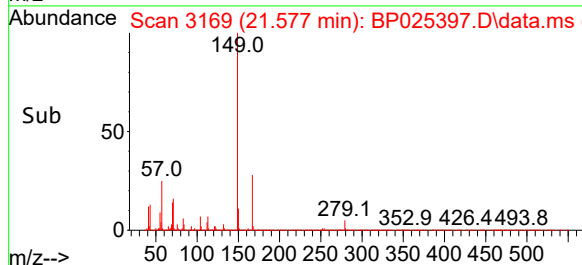
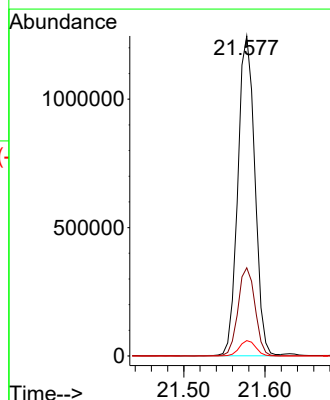
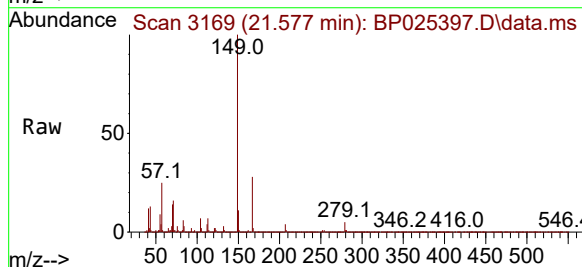
Manual Integrations
APPROVED

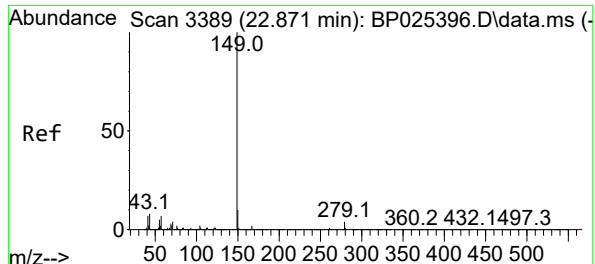
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

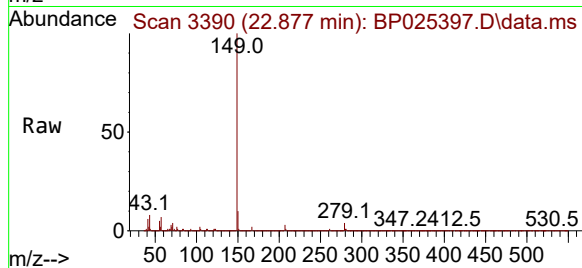
Tgt Ion:149 Resp: 1805478
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

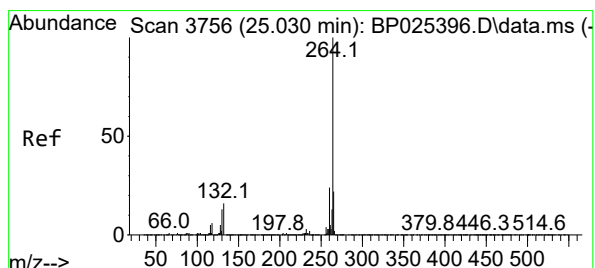
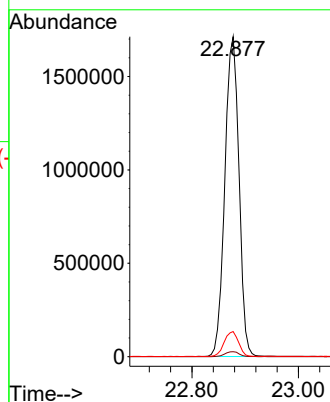
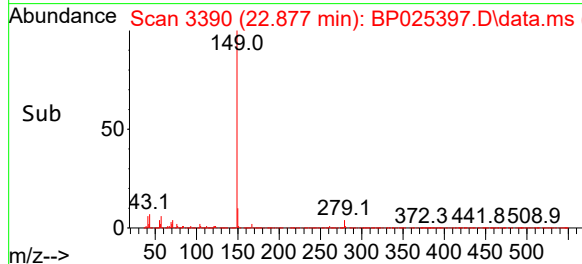
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 3150824
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

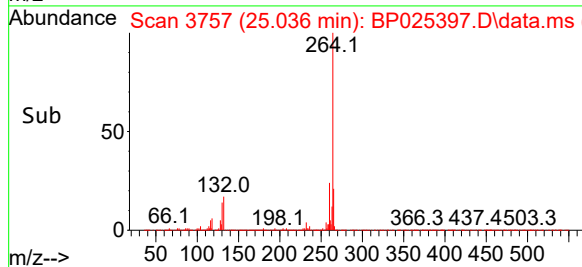
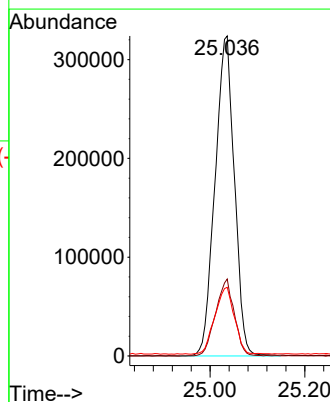
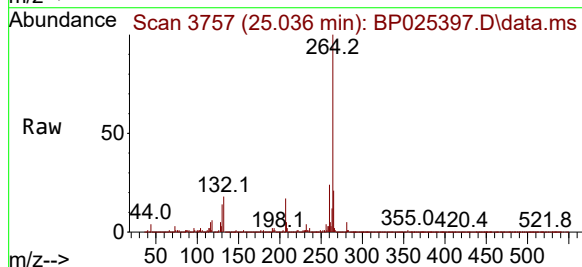
Manual Integrations
APPROVED

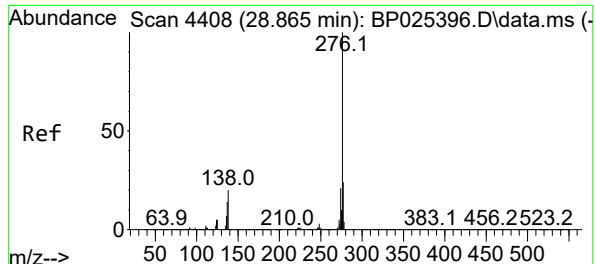
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.463 ng m

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 3604179

Ion Ratio Lower Upper

276 100

138 8.3 12.9 19.3

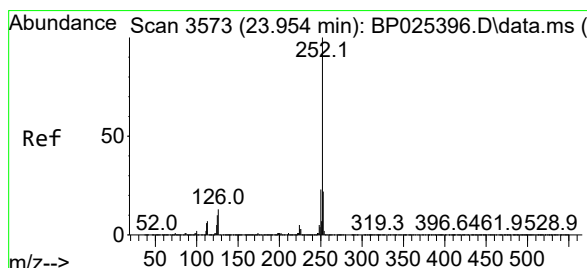
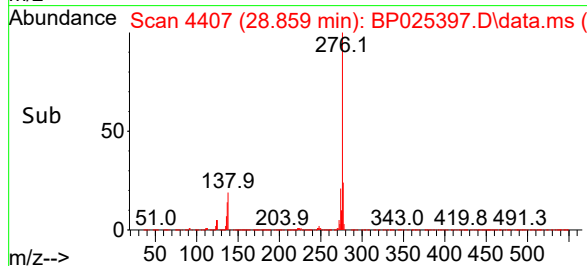
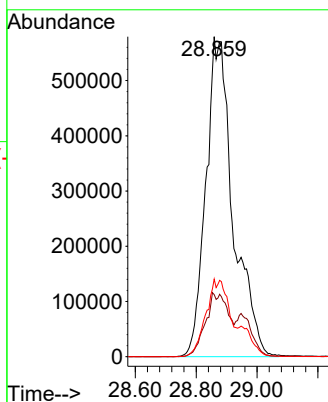
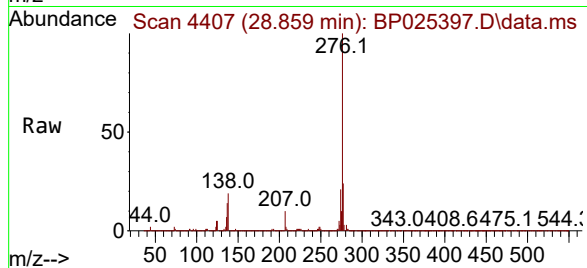
277 9.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 52.982 ng

RT: 23.960 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

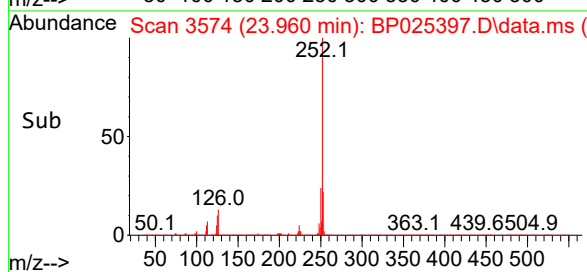
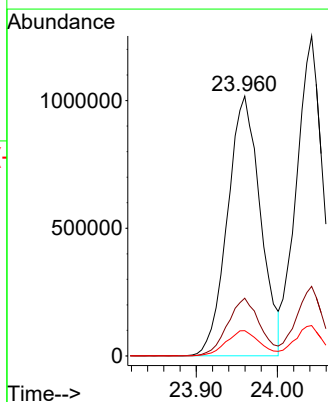
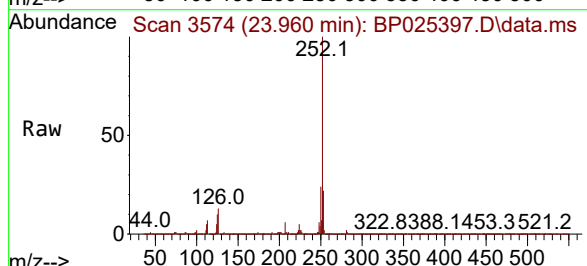
Tgt Ion:252 Resp: 2870971

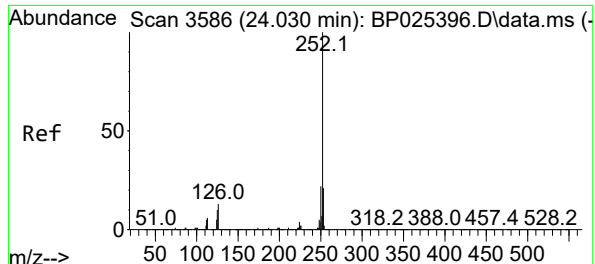
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.956 ng

RT: 24.042 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2817270

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

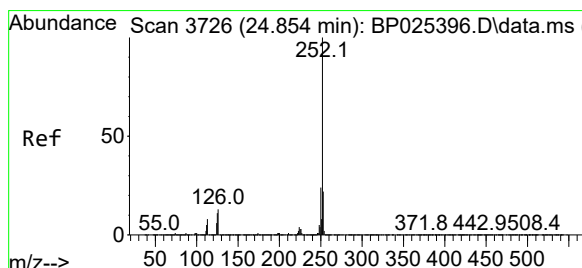
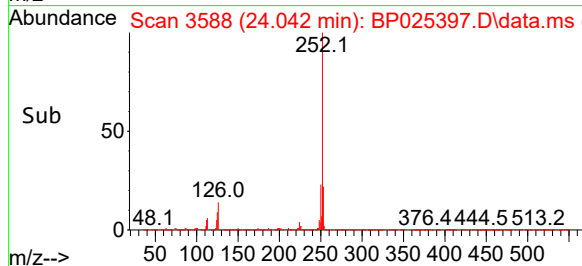
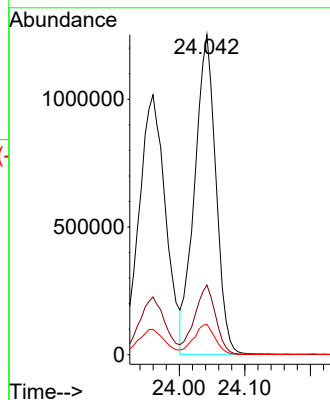
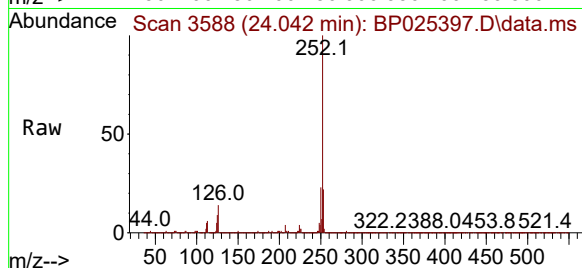
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 53.100 ng

RT: 24.877 min Scan# 3730

Delta R.T. 0.024 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

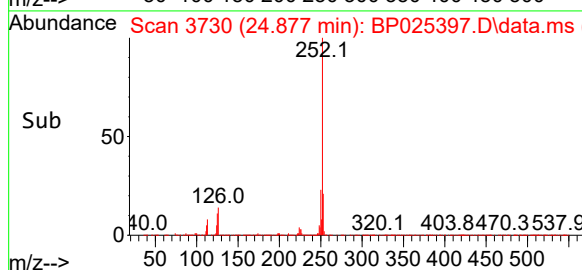
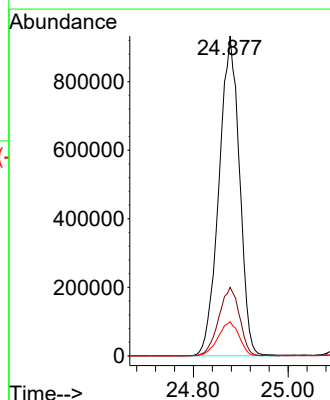
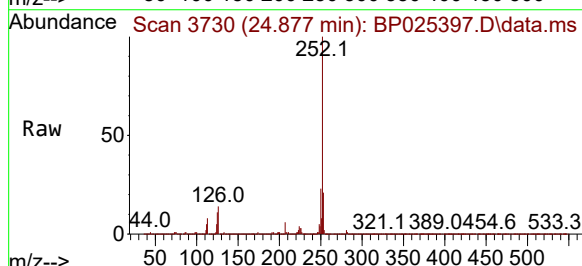
Tgt Ion:252 Resp: 2800880

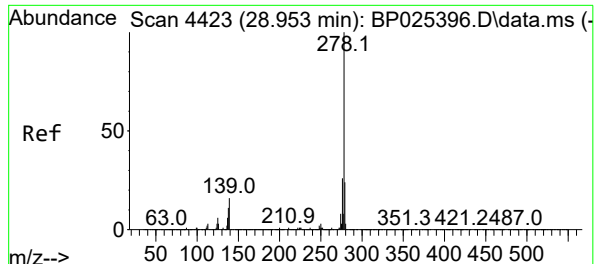
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

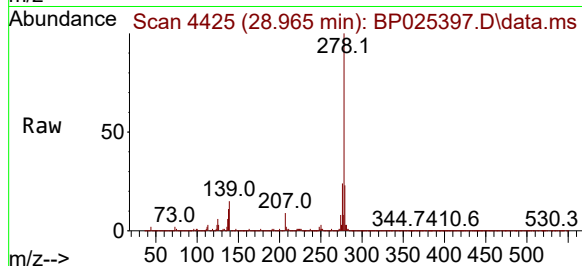
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

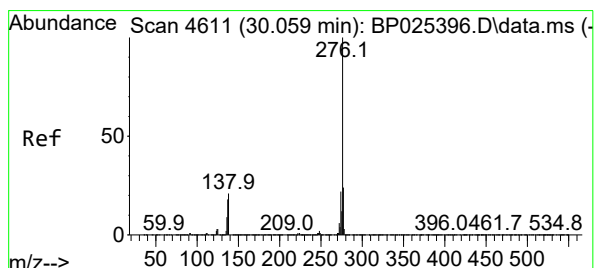
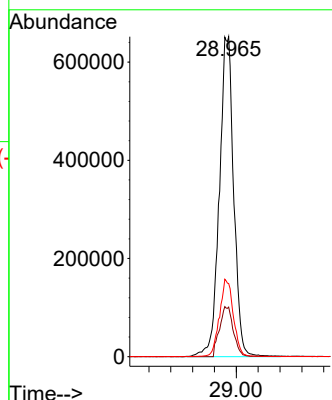
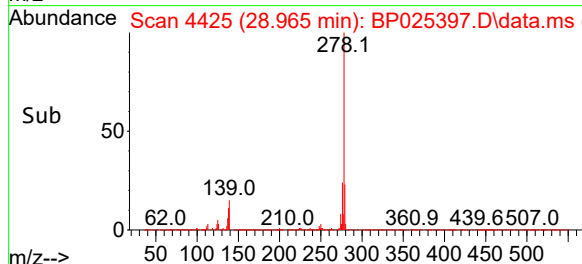
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 296262
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 22.9 19.4 29.2

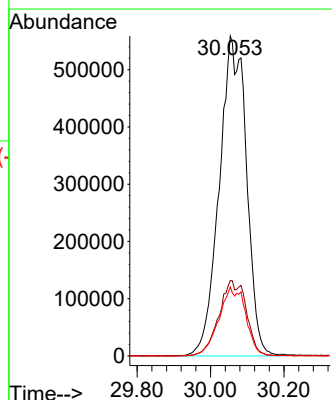
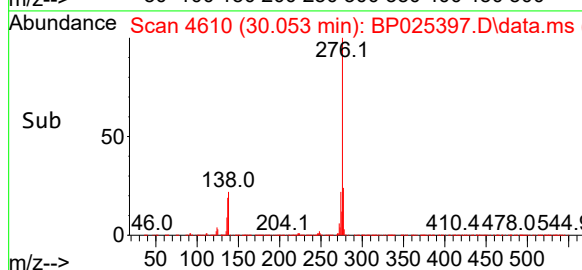
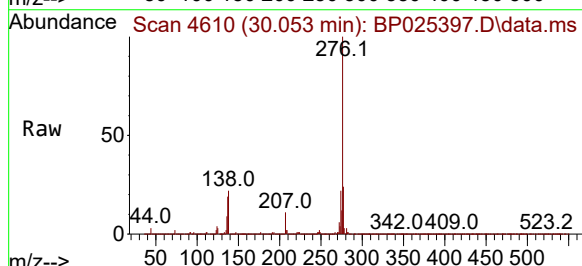
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 276 Resp: 2866689
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 21.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng	0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng	0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng	0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng	0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng	0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng	99
3) Pyridine	3.731	79	623639	59.539	ng	97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng	100
6) Aniline	7.125	93	1053232	62.408	ng	99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng	100
9) Benzaldehyde	6.943	77	489205	55.745	ng	97
10) Phenol	7.002	94	821863	62.530	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng	99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng	99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng	100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng	99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng	99
17) 2-Methylphenol	8.225	107	579471	63.480	ng	99
18) Hexachloroethane	8.866	117	281129	61.535	ng	95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng	98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng	96
22) Acetophenone	8.602	105	1051848	60.503	ng	# 99
24) Nitrobenzene	8.978	77	752762	61.461	ng	98
25) Isophorone	9.502	82	1475193	60.825	ng	99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng	98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng	99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng	98
31) Naphthalene	10.613	128	2187912	60.722	ng	100
32) Benzoic acid	9.907	122	530609	66.651	ng	98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng	99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng	100
35) Caprolactam	11.513	113	241521	61.340	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng	98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng	99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng	100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46) 1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47) 2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48) 2-Nitroaniline	13.472	65	485429	63.996	ng	100
49) Acenaphthylene	14.131	152	2634005	61.147	ng	99
50) Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51) 2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52) Acenaphthene	14.478	154	1527191	60.399	ng	100
53) 3-Nitroaniline	14.301	138	506373	63.331	ng	96
54) 2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55) Dibenzofuran	14.819	168	2387933	59.734	ng	100
56) 4-Nitrophenol	14.625	139	419801	63.893	ng	99
57) 2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58) Fluorene	15.478	166	1836972	58.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60) Diethylphthalate	15.254	149	2015888	58.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62) 4-Nitroaniline	15.489	138	510438	62.272	ng	99
63) Azobenzene	15.766	77	1796580	61.242	ng	99
65) 4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66) n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68) Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69) Atrazine	16.666	200	633381	60.063	ng	99
70) Pentachlorophenol	16.854	266	474276	63.820	ng	97
71) Phenanthrene	17.260	178	3006132	59.263	ng	100
72) Anthracene	17.342	178	3050794	58.895	ng	99
73) Carbazole	17.625	167	2916606	59.776	ng	99
74) Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75) Fluoranthene	19.342	202	3563798	58.899	ng	99
77) Benzidine	19.525	184	1690432	53.489	ng	99
78) Pyrene	19.713	202	3664453	60.883	ng	100
80) Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81) Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83) Chrysene	21.707	228	3453736	60.387	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85) Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88) Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89) Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90) Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91) Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92) Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

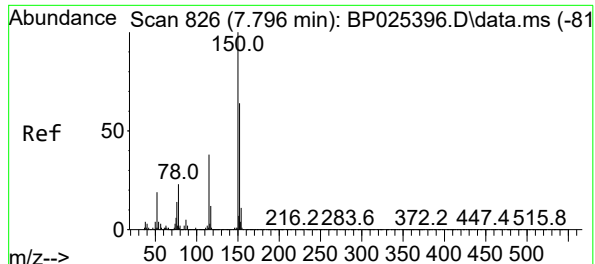
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Abundance

TIC: BP025398.D\data.ms

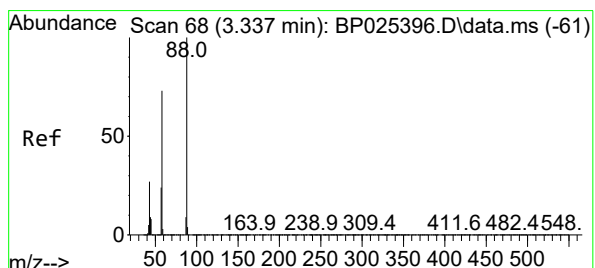
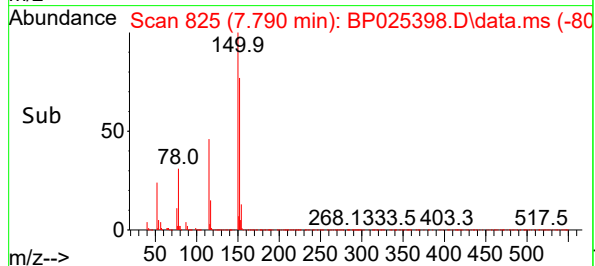
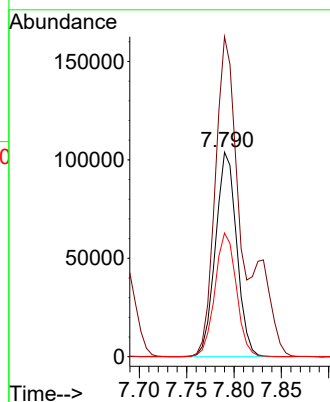
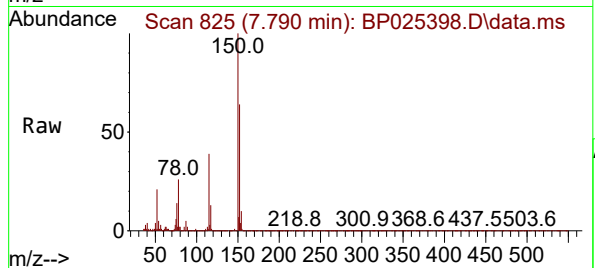
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

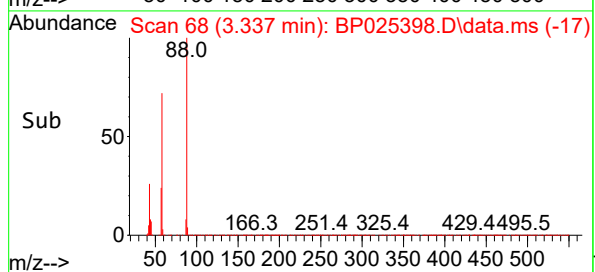
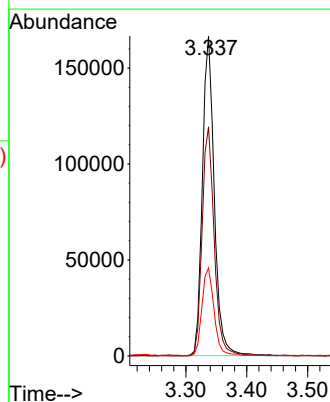
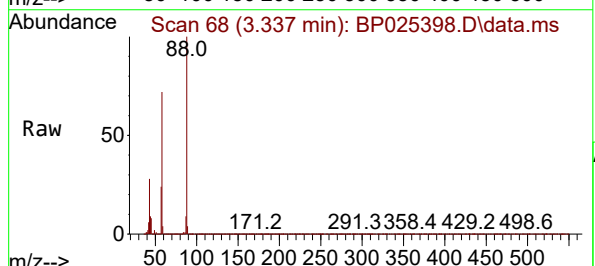
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

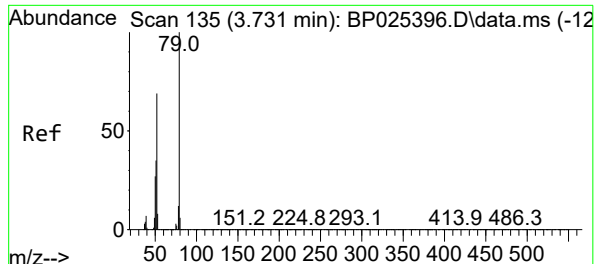
Tgt Ion:152 Resp: 162248
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 60.5 48.5 72.7



#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015
Ion Ratio Lower Upper
88 100
58 73.0 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 59.539 ng

RT: 3.731 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

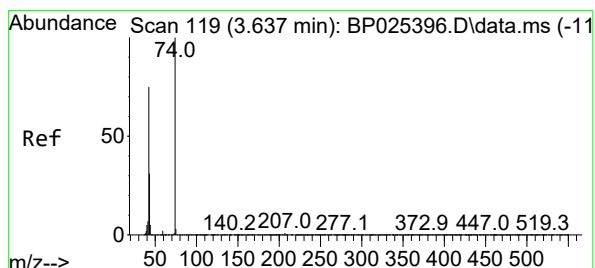
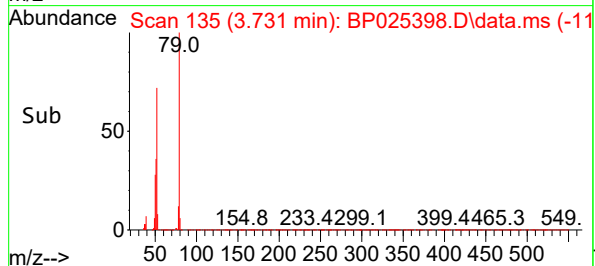
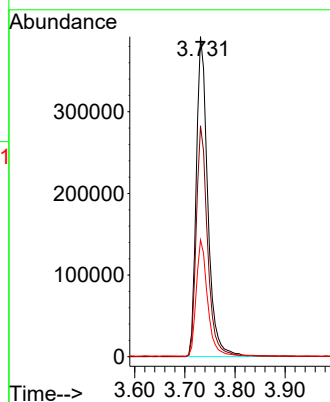
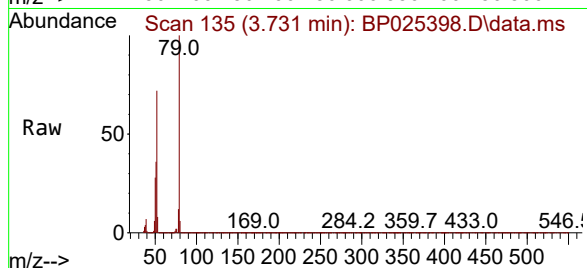
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 623639

Ion	Ratio	Lower	Upper
79	100		
52	72.1	55.5	83.3
51	36.5	28.3	42.5



#4

n-Nitrosodimethylamine

Concen: 62.518 ng

RT: 3.637 min Scan# 119

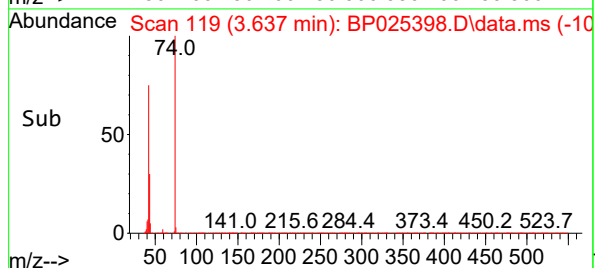
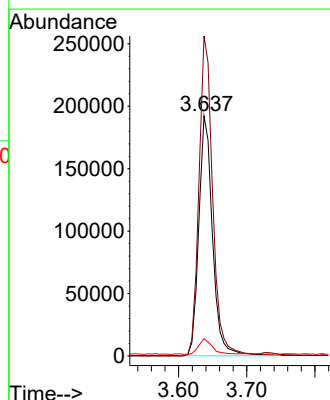
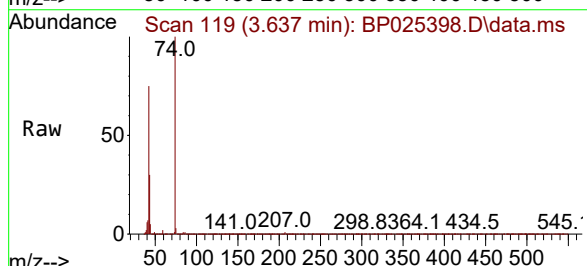
Delta R.T. 0.000 min

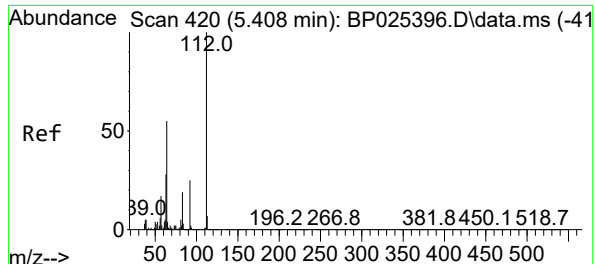
Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion: 42 Resp: 269971

Ion	Ratio	Lower	Upper
42	100		
74	133.4	107.0	160.4
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 122.144 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

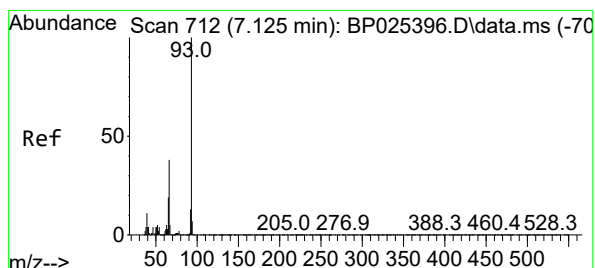
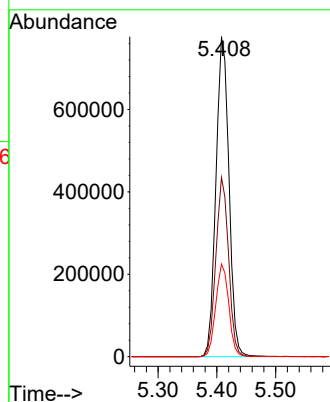
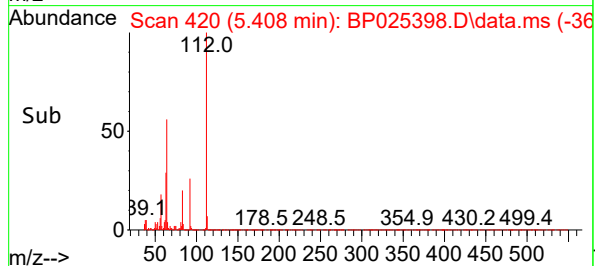
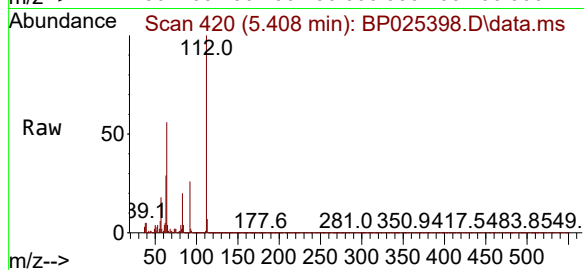
Tgt Ion:112 Resp: 1193329

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.8

63 29.0 22.7 34.1



#6

Aniline

Concen: 62.408 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

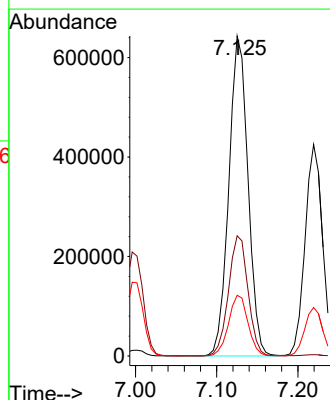
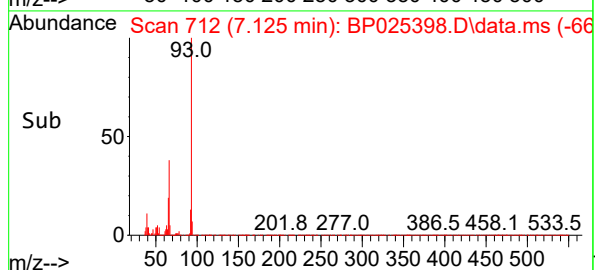
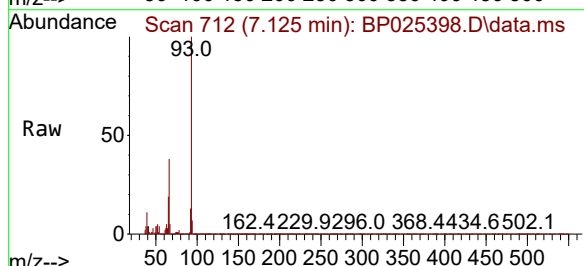
Tgt Ion: 93 Resp: 1053232

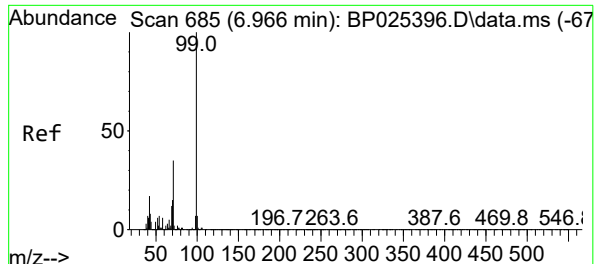
Ion Ratio Lower Upper

93 100

66 37.5 30.4 45.6

65 18.9 15.3 22.9





#7

Phenol-d6

Concen: 125.072 ng

RT: 6.972 min Scan# 685

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

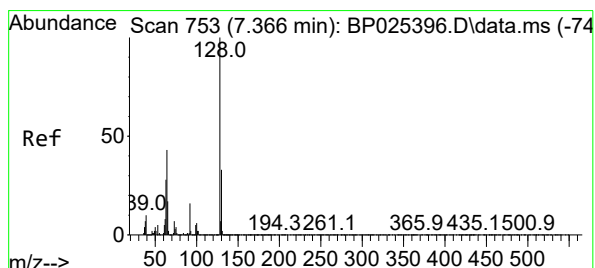
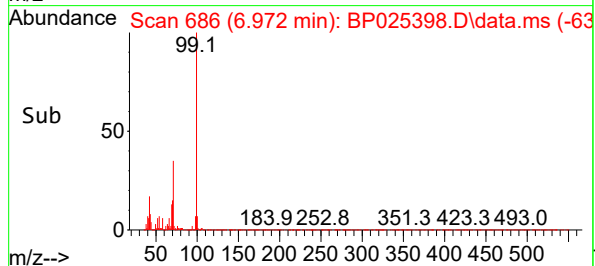
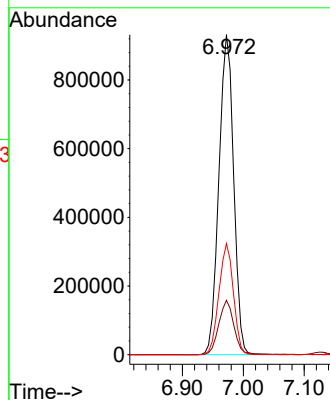
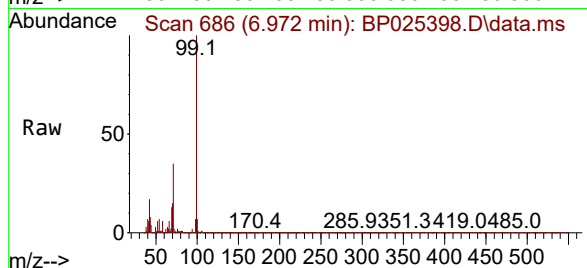
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1566626

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.8	28.2	42.4



#8

2-Chlorophenol

Concen: 62.413 ng

RT: 7.366 min Scan# 753

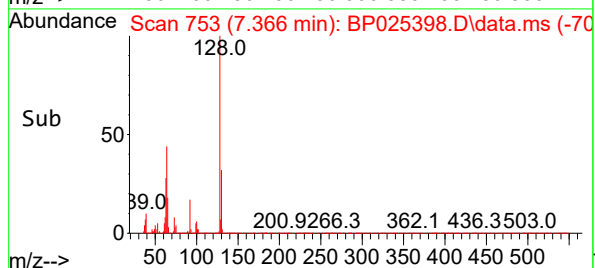
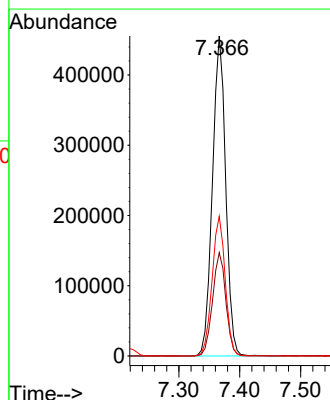
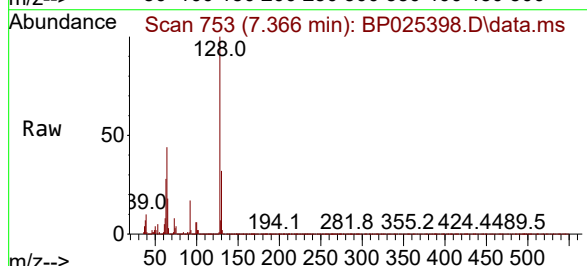
Delta R.T. 0.000 min

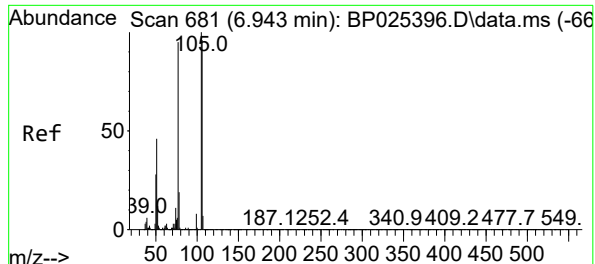
Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:128 Resp: 688094

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.7	23.4	63.4





#9

Benzaldehyde

Concen: 55.745 ng

RT: 6.943 min Scan# 681

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

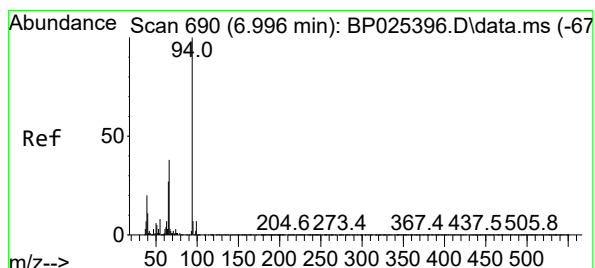
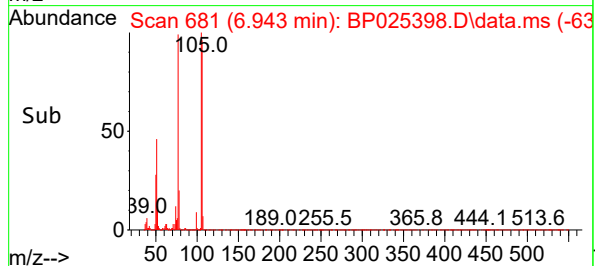
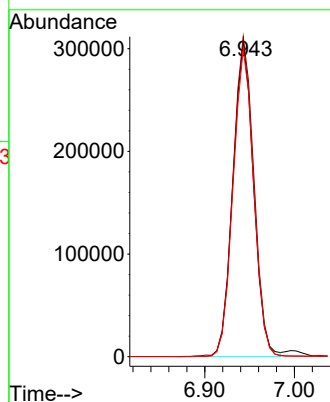
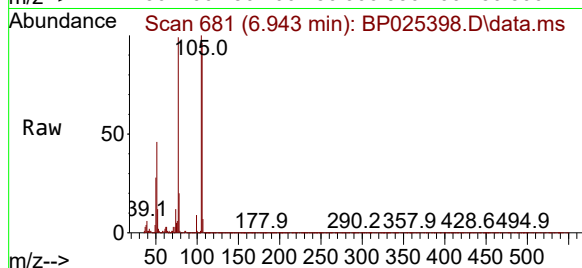
Tgt Ion: 77 Resp: 489205

Ion Ratio Lower Upper

77 100

105 101.4 84.8 124.8

106 97.4 80.5 120.5



#10

Phenol

Concen: 62.530 ng

RT: 7.002 min Scan# 691

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

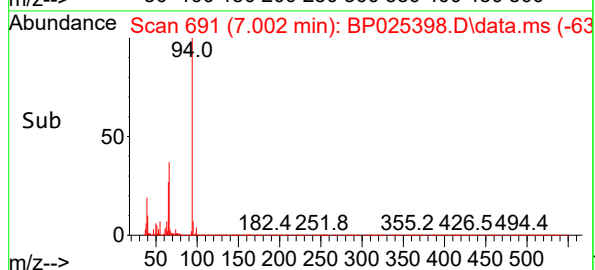
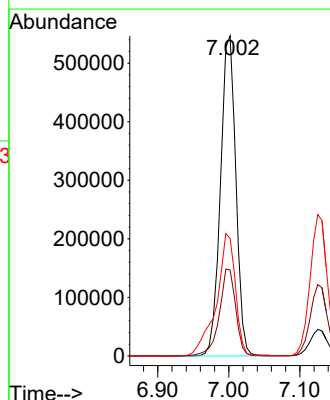
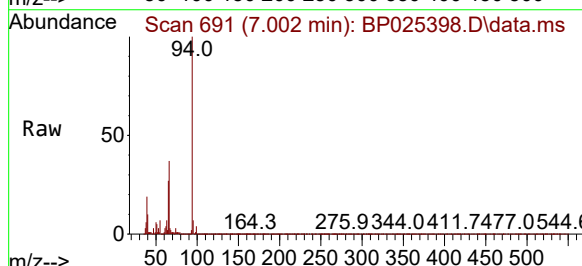
Tgt Ion: 94 Resp: 821863

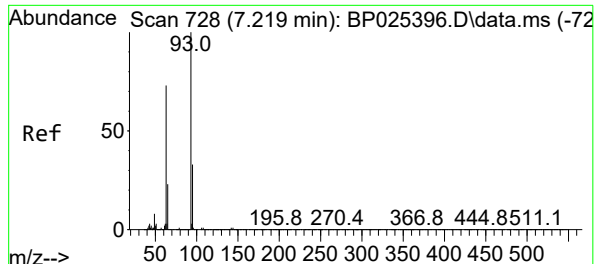
Ion Ratio Lower Upper

94 100

65 26.9 6.8 46.8

66 36.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 61.925 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

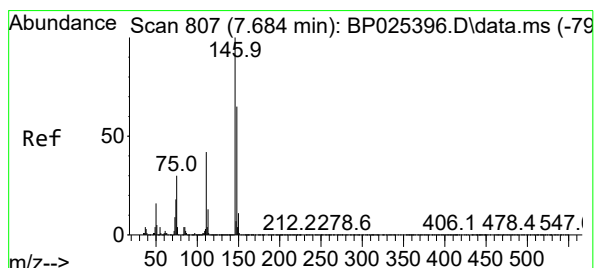
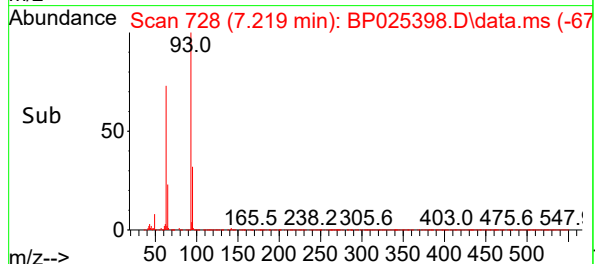
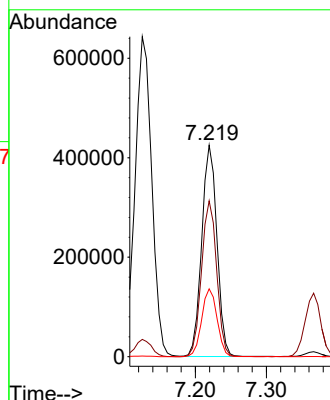
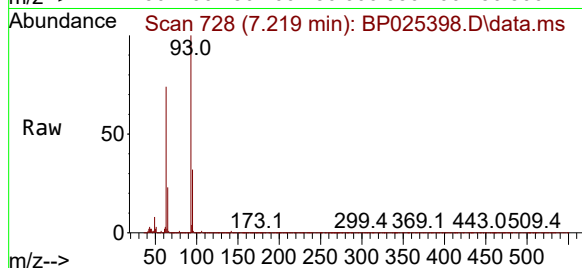
Tgt Ion: 93 Resp: 634374

Ion Ratio Lower Upper

93 100

63 73.6 52.6 92.6

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 61.273 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

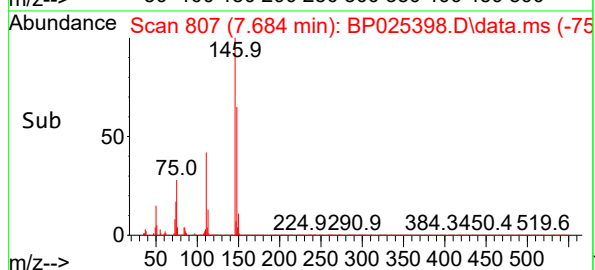
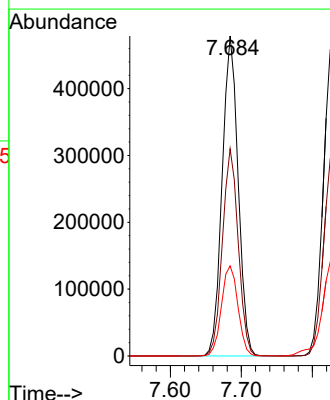
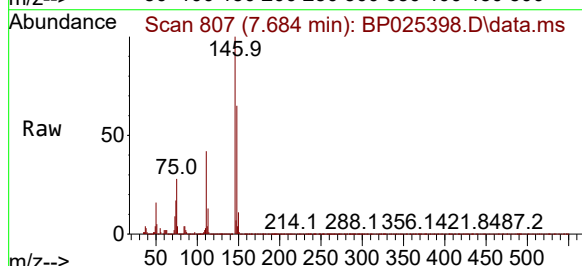
Tgt Ion: 146 Resp: 744884

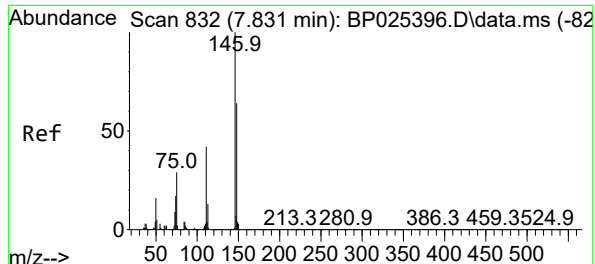
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 28.2 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 60.469 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

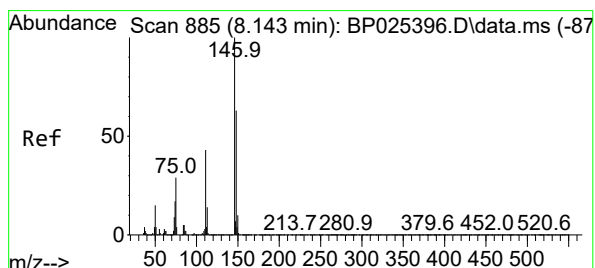
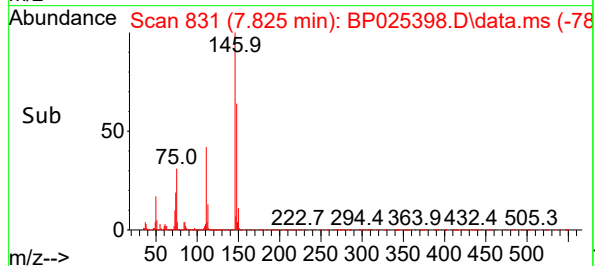
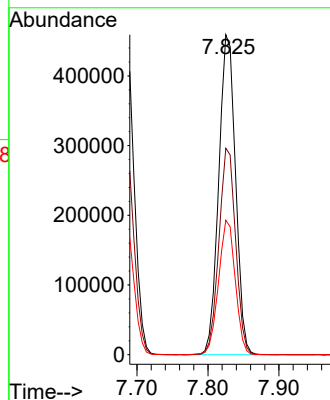
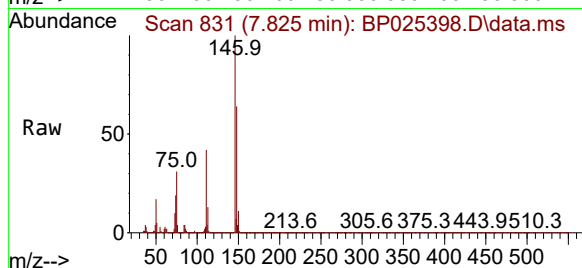
Tgt Ion:146 Resp: 751354

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 42.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 60.165 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

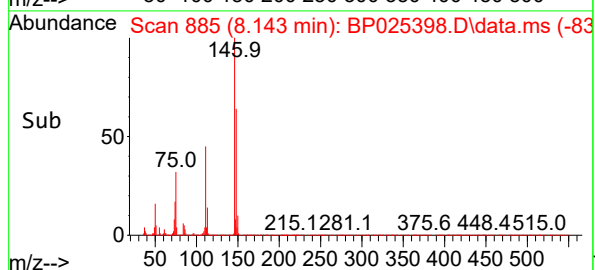
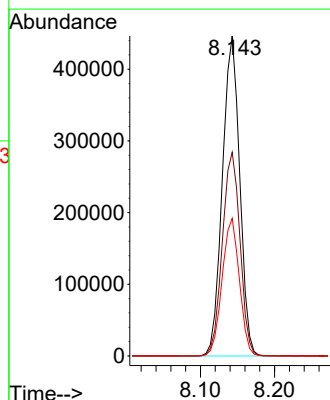
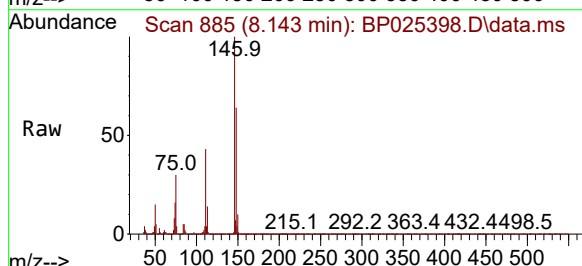
Tgt Ion:146 Resp: 723663

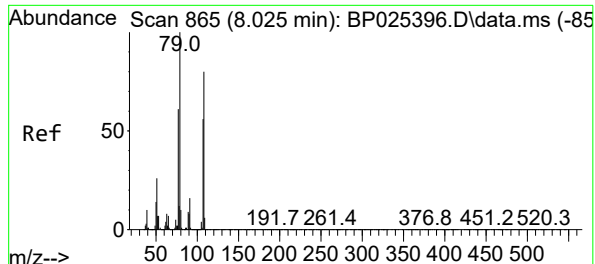
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 43.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 63.019 ng

RT: 8.025 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

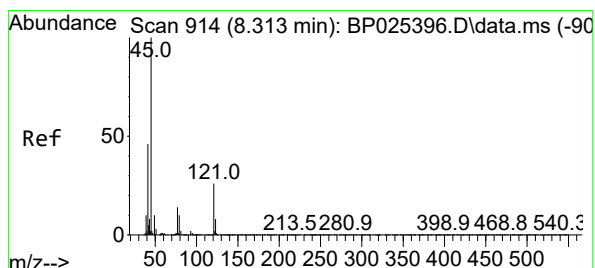
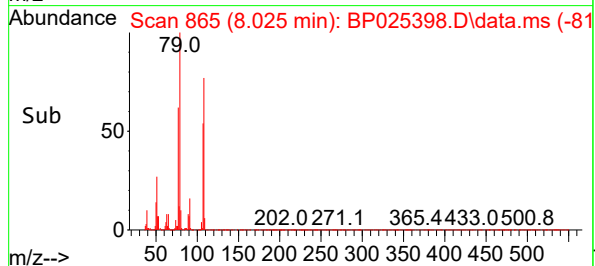
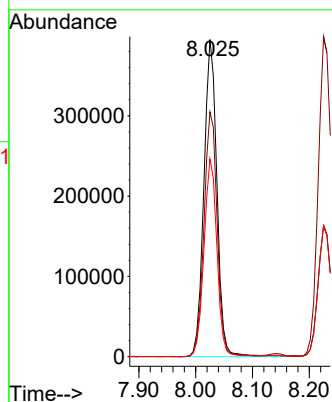
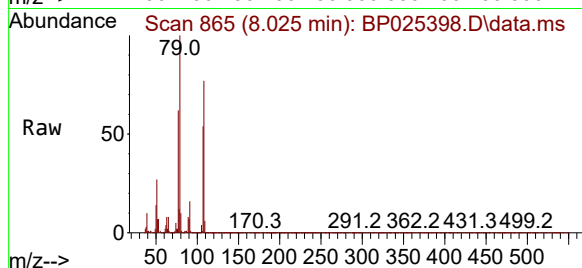
Tgt Ion: 79 Resp: 627198

Ion Ratio Lower Upper

79 100

108 77.2 63.8 95.6

77 62.3 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.712 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

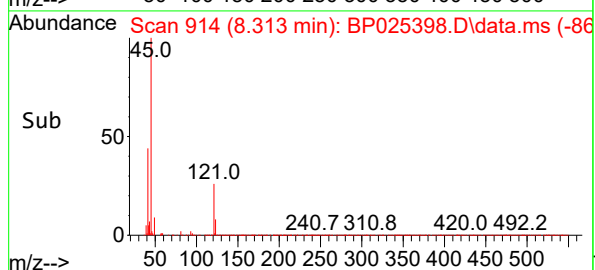
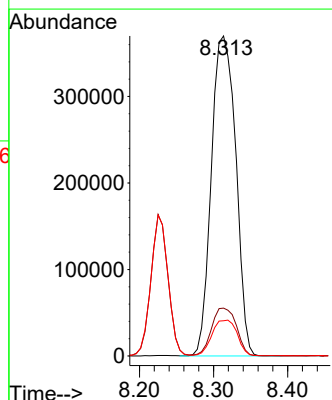
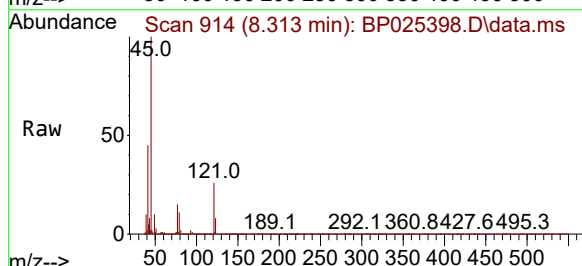
Tgt Ion: 45 Resp: 846896

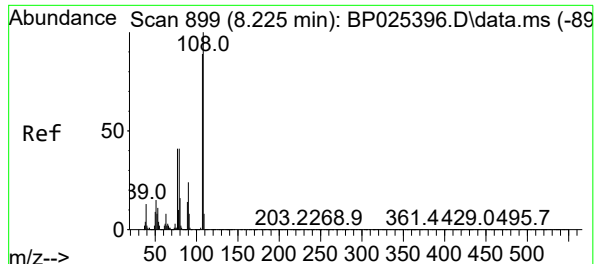
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.3

79 11.0 0.0 31.8





#17

2-Methylphenol

Concen: 63.480 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 579471

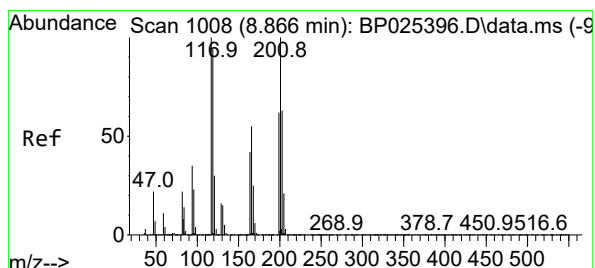
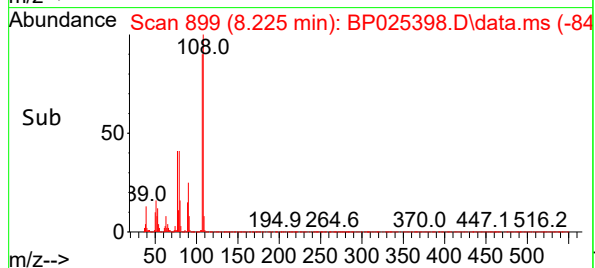
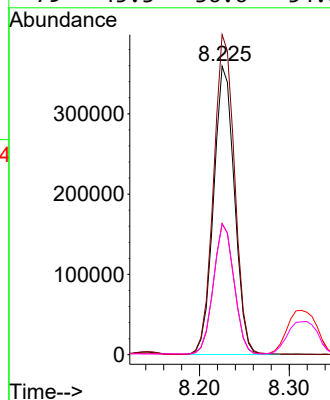
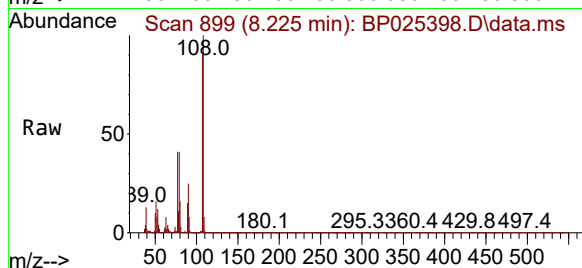
Ion Ratio Lower Upper

107 100

108 110.9 89.4 134.0

77 45.5 36.3 54.5

79 45.3 36.6 54.8



#18

Hexachloroethane

Concen: 61.535 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

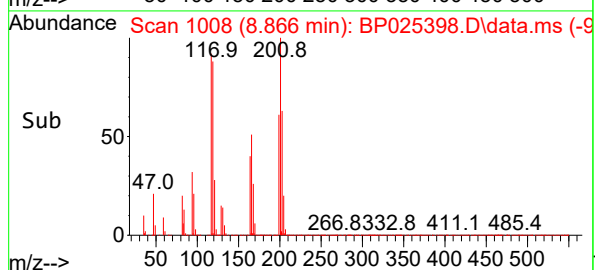
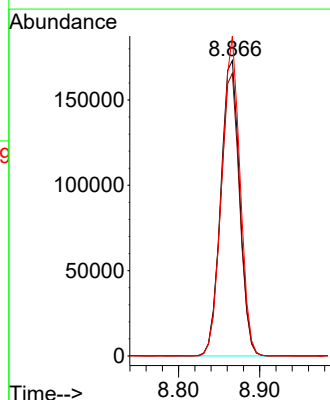
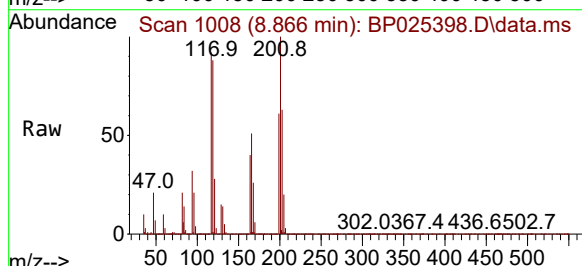
Tgt Ion:117 Resp: 281129

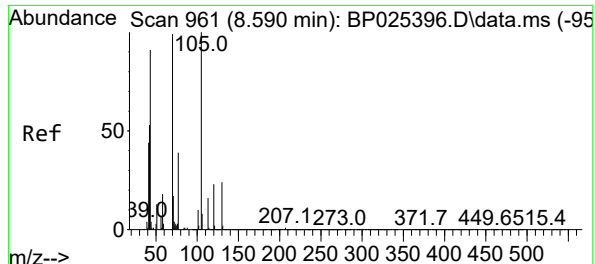
Ion Ratio Lower Upper

117 100

119 95.7 75.1 112.7

201 108.4 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 61.060 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 507223

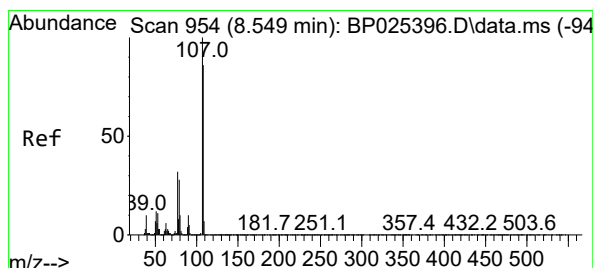
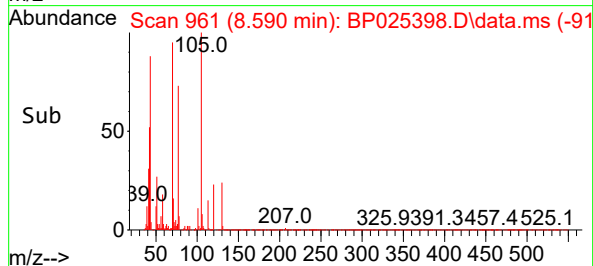
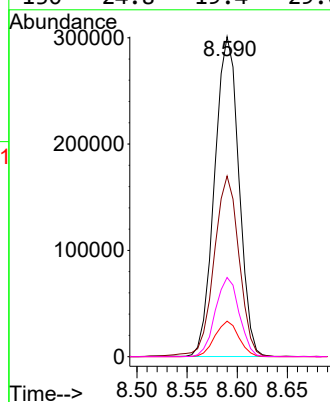
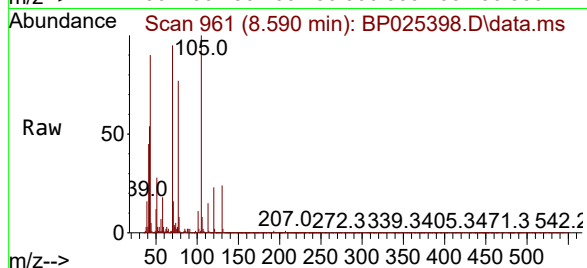
Ion Ratio Lower Upper

70 100

42 56.5 43.8 65.6

101 11.1 8.5 12.7

130 24.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 63.075 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion: 107 Resp: 798107

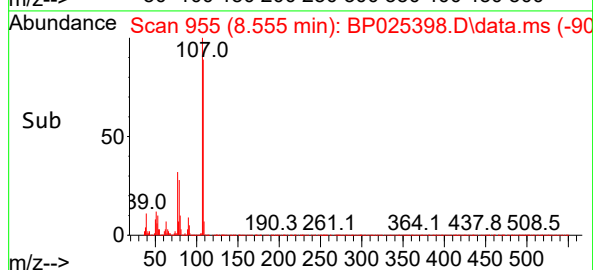
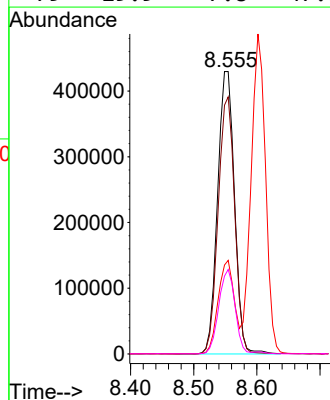
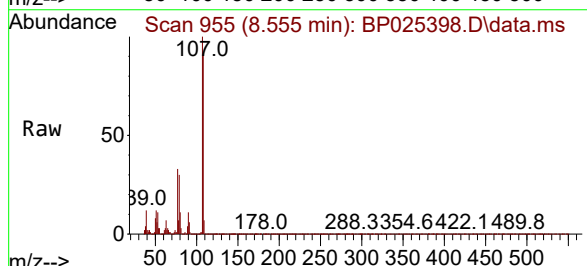
Ion Ratio Lower Upper

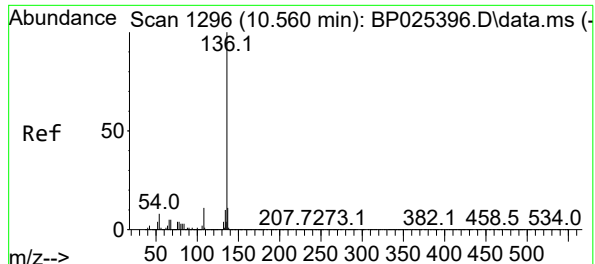
107 100

108 91.0 66.3 106.3

77 33.1 12.3 52.3

79 29.9 7.8 47.8

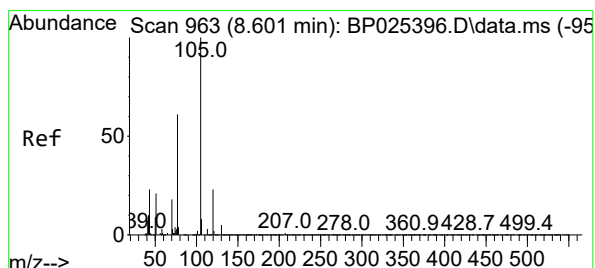
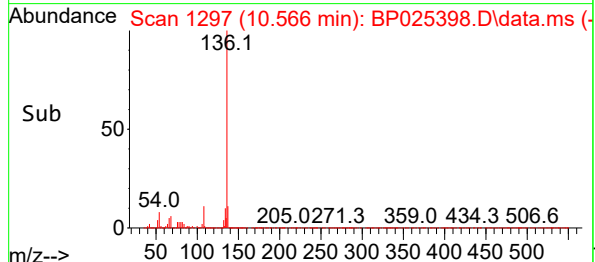
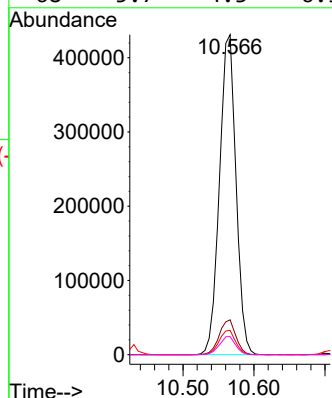
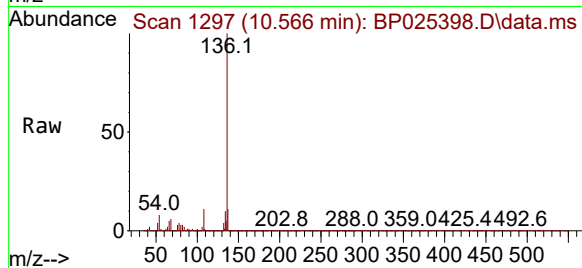




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

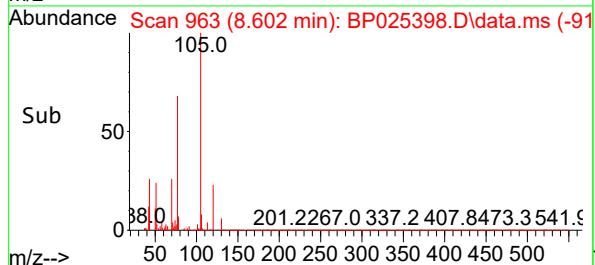
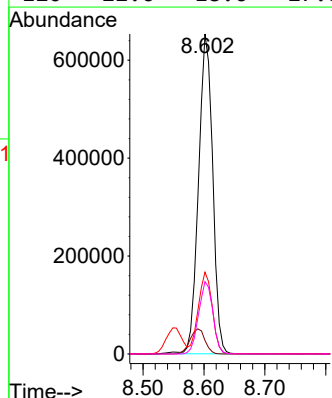
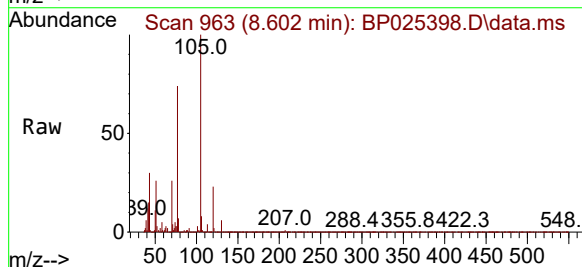
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

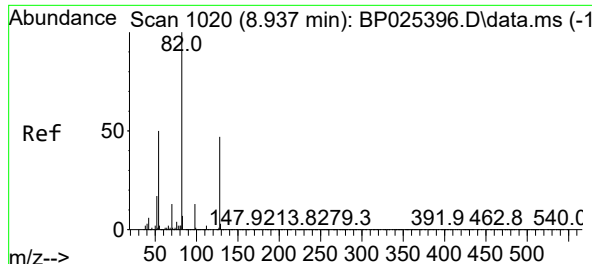
Tgt Ion:136 Resp: 693237
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848
Ion Ratio Lower Upper
105 100
71 4.2 2.6 4.0#
51 25.5 20.6 30.8
120 22.6 18.6 27.8

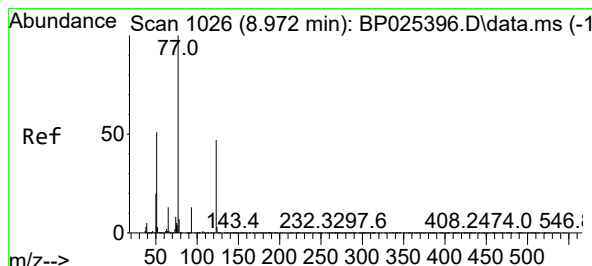
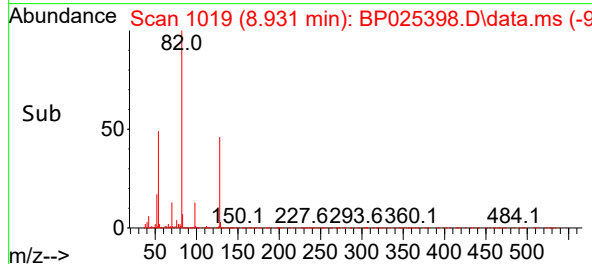
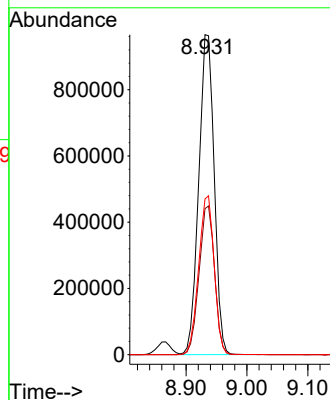
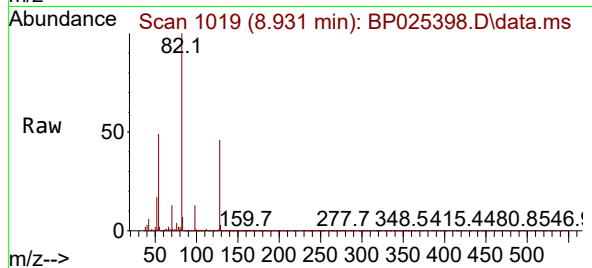




#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

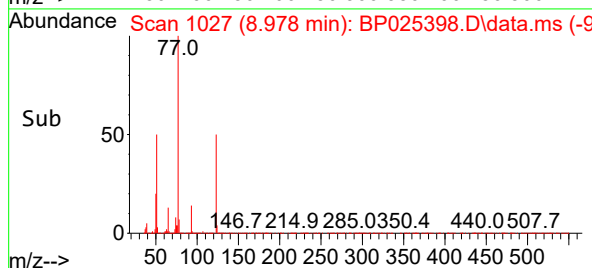
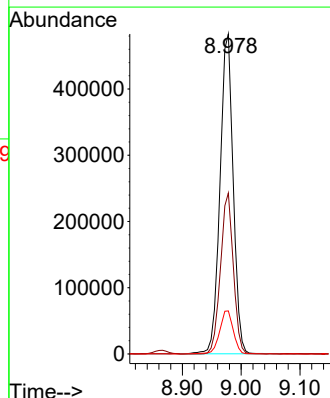
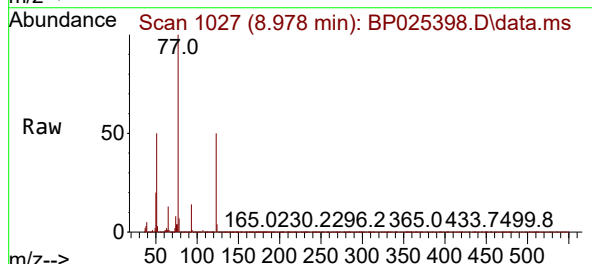
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

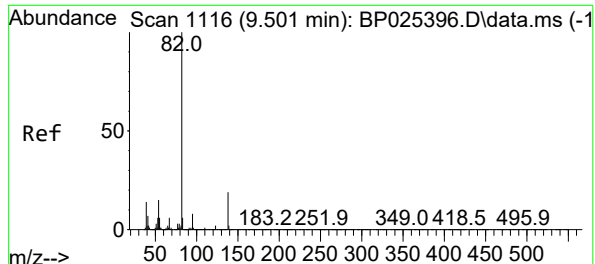
Tgt Ion: 82 Resp: 1698557
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 48.6 39.8 59.6



#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 13.4 10.6 15.8

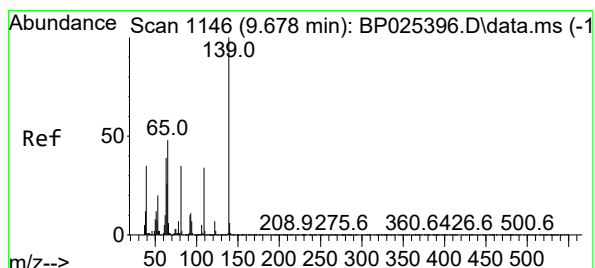
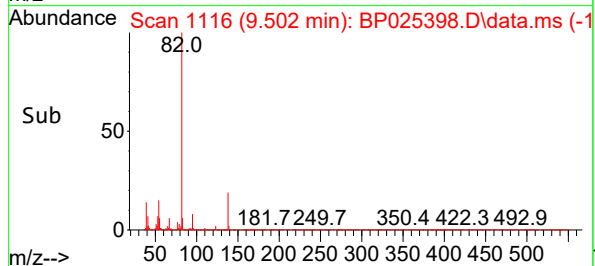
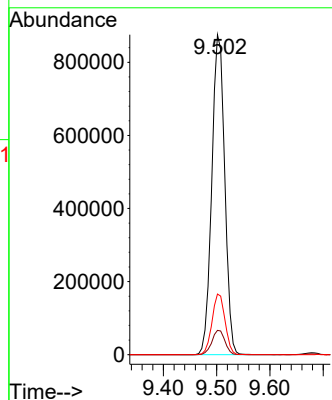
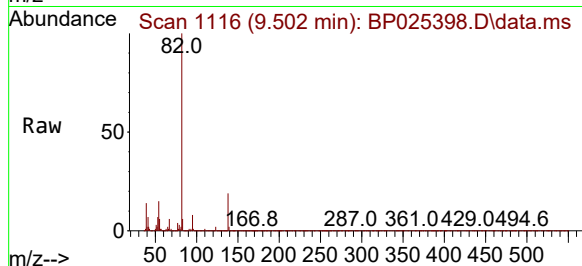




#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

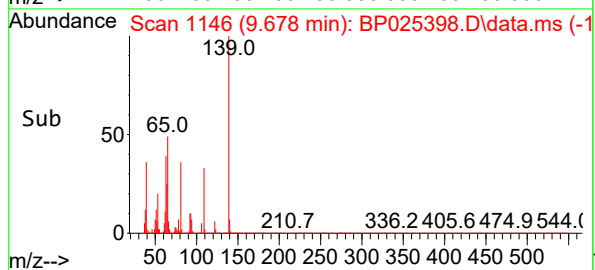
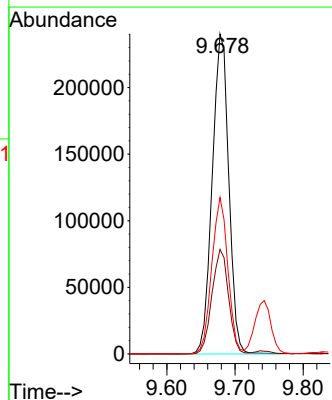
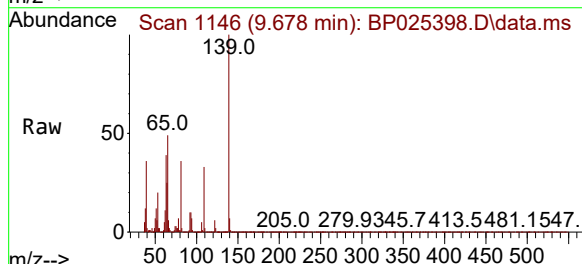
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

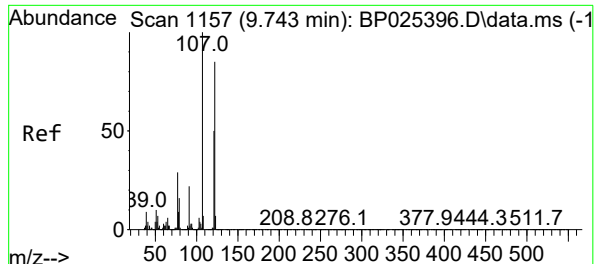
Tgt Ion: 82 Resp: 1475193
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 19.0 15.4 23.0



#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 139 Resp: 405821
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 48.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 62.463 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

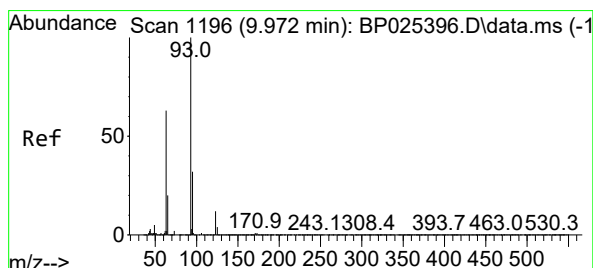
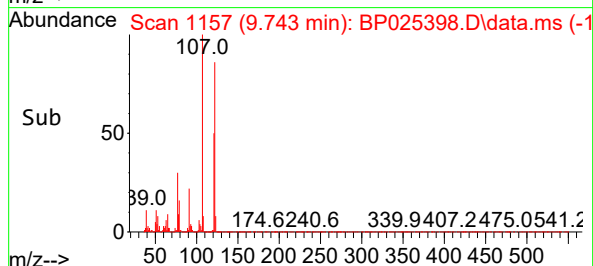
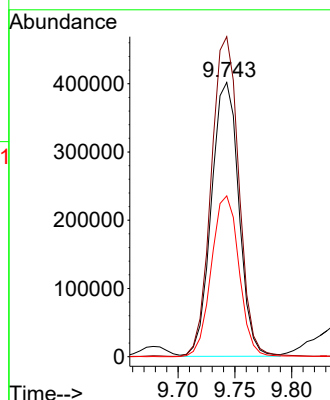
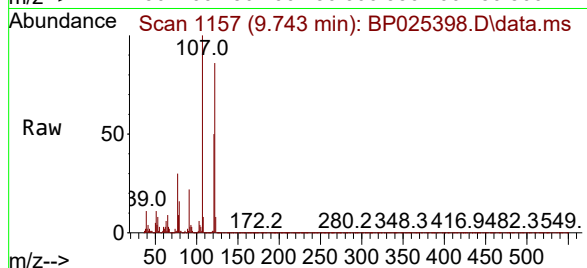
Tgt Ion:122 Resp: 675186

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 58.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 61.040 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

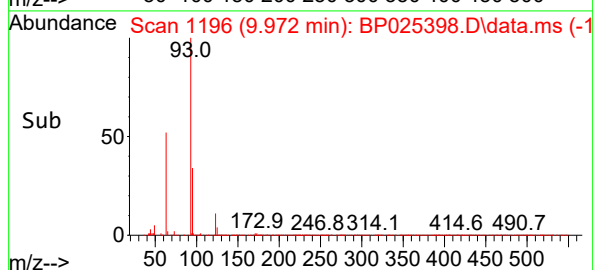
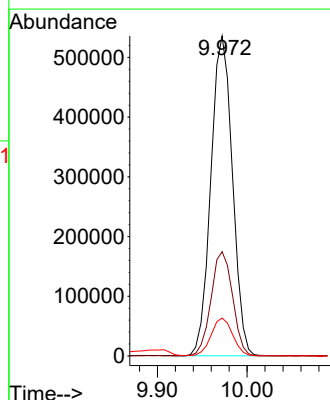
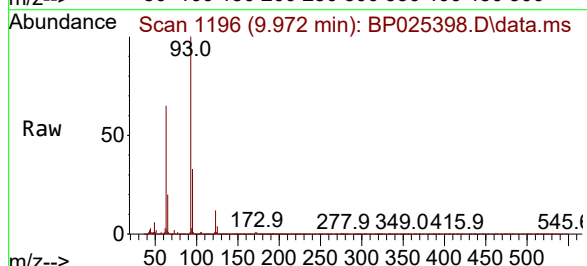
Tgt Ion: 93 Resp: 894872

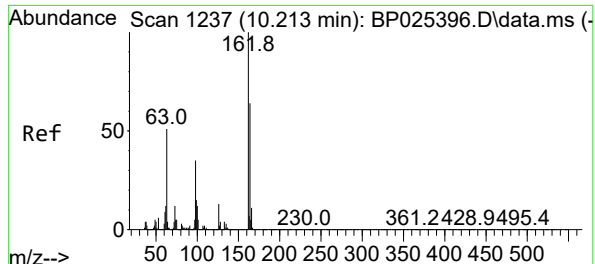
Ion Ratio Lower Upper

93 100

95 32.6 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 62.764 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

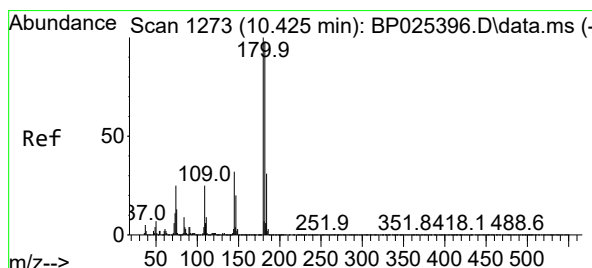
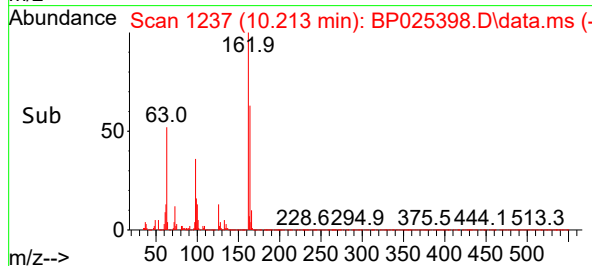
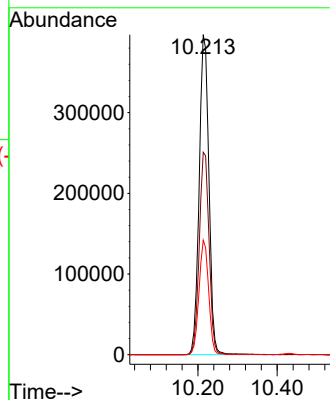
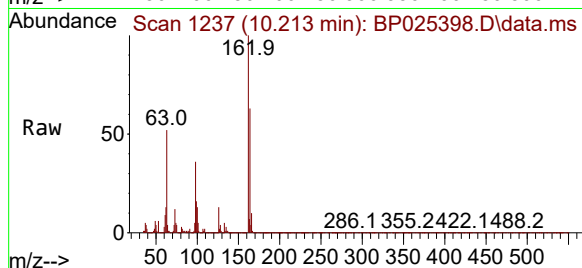
Tgt Ion:162 Resp: 673952

Ion Ratio Lower Upper

162 100

164 63.3 44.4 84.4

98 35.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 60.823 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

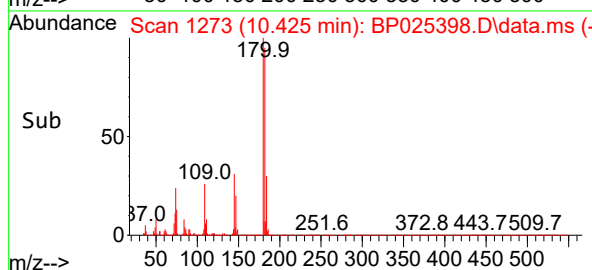
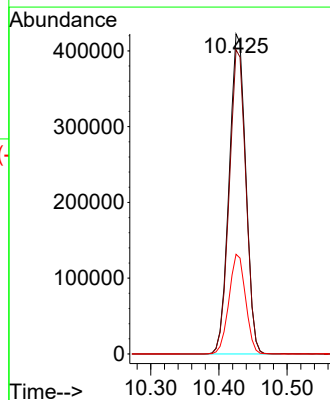
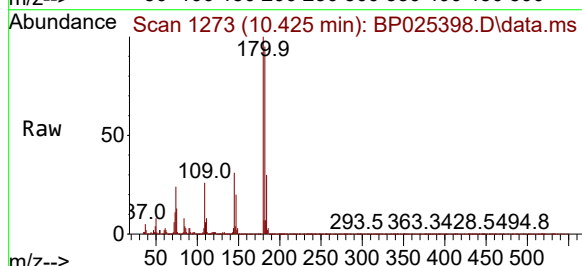
Tgt Ion:180 Resp: 715954

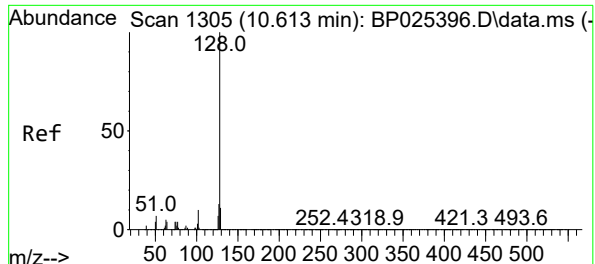
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.2 25.9 38.9





#31

Naphthalene

Concen: 60.722 ng

RT: 10.613 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

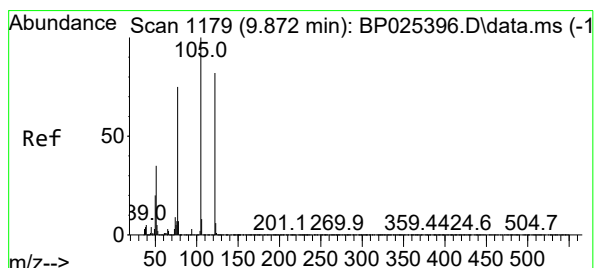
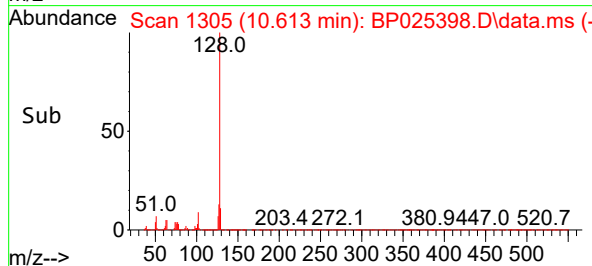
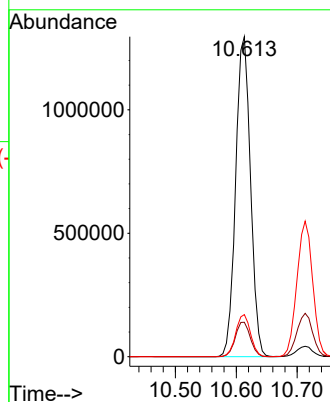
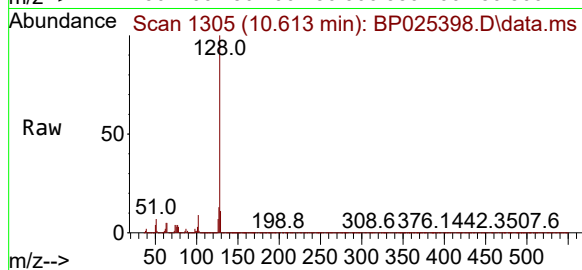
Tgt Ion:128 Resp: 2187912

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 66.651 ng

RT: 9.907 min Scan# 1185

Delta R.T. 0.035 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

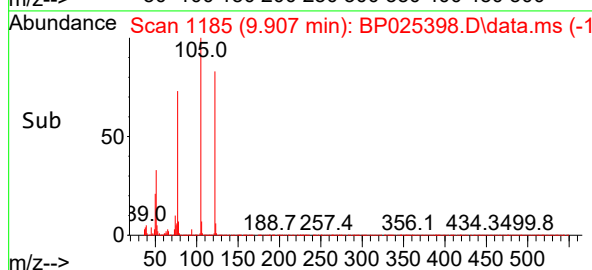
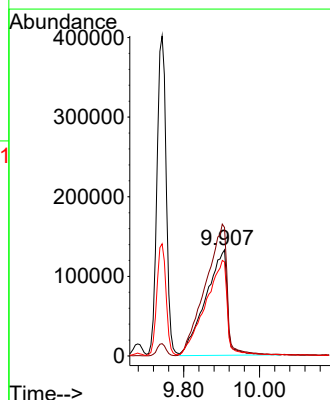
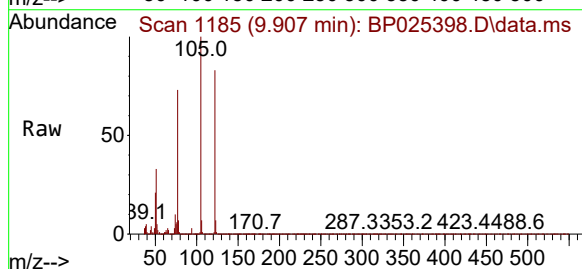
Tgt Ion:122 Resp: 530609

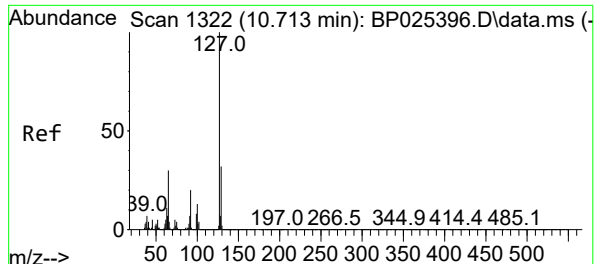
Ion Ratio Lower Upper

122 100

105 121.0 100.6 140.6

77 88.6 71.5 111.5

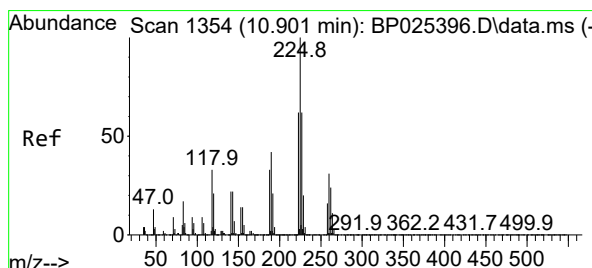
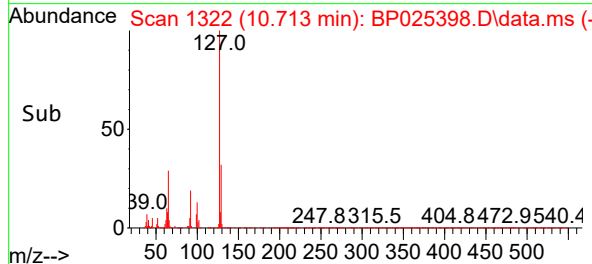
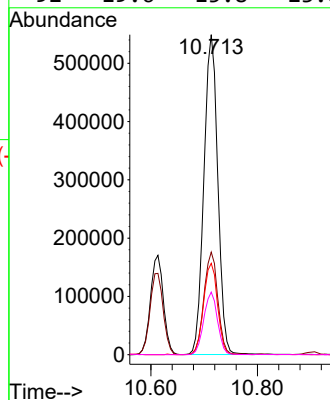
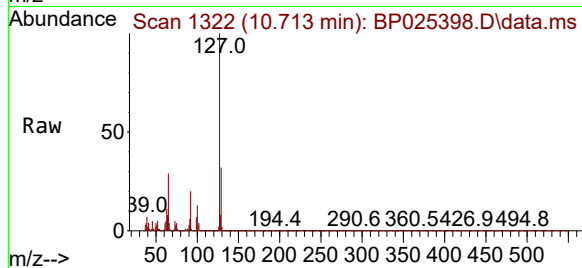




#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

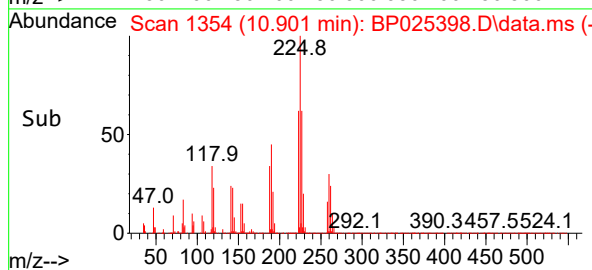
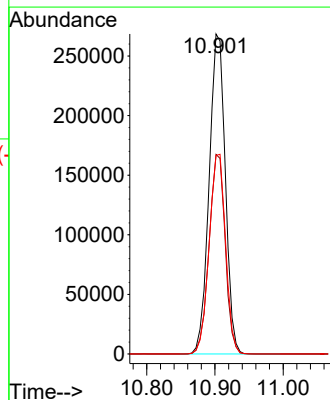
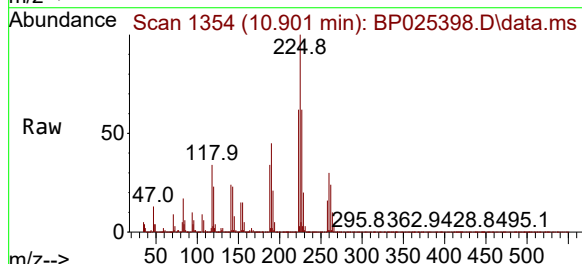
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

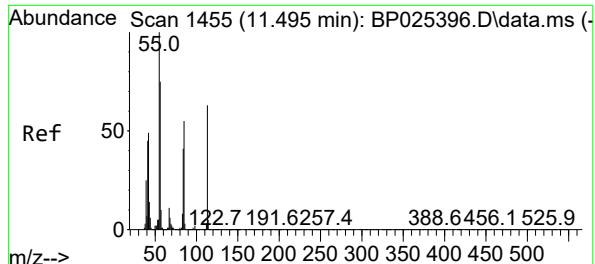
Tgt Ion:	127	Resp:	993155
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:	225	Resp:	442929
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5

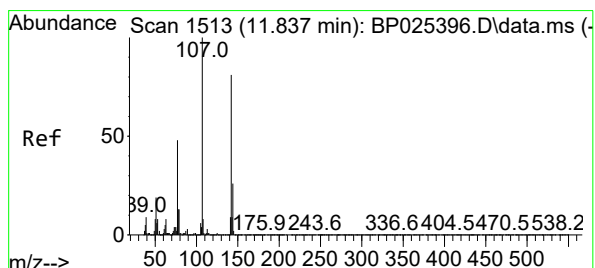
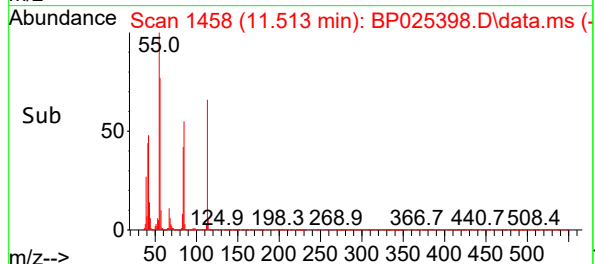
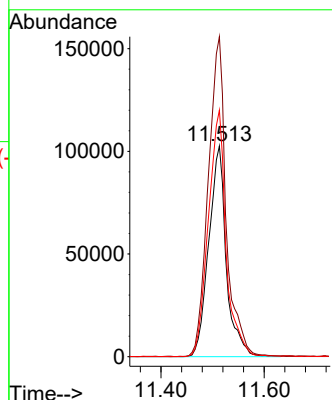
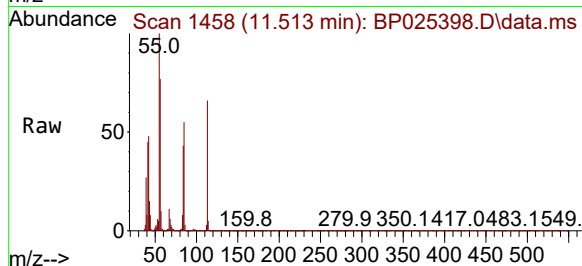




#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 1455
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

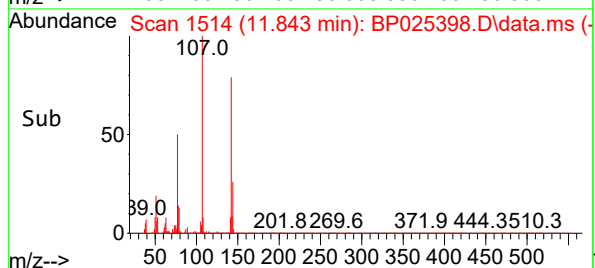
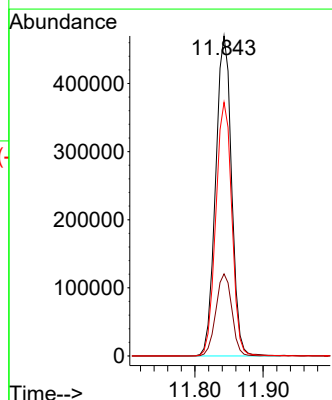
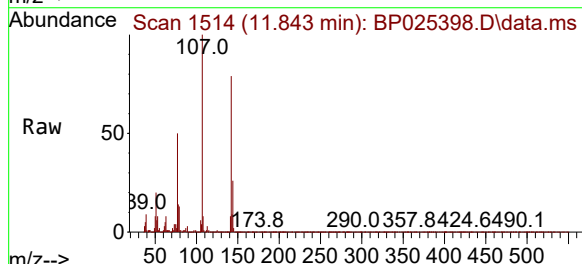
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

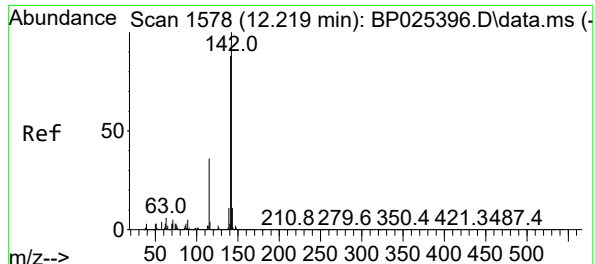
Tgt Ion:113 Resp: 241521
Ion Ratio Lower Upper
113 100
55 151.8 140.0 180.0
56 117.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 79.2 64.6 97.0

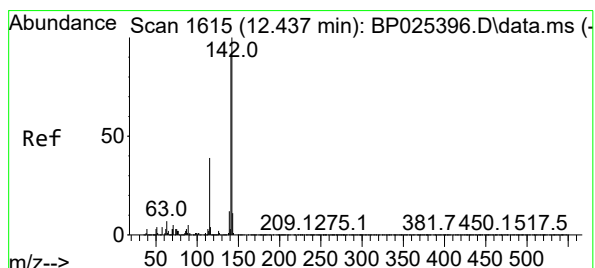
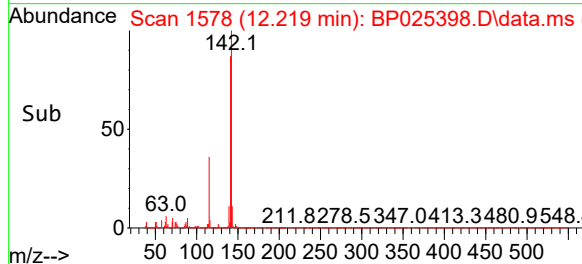
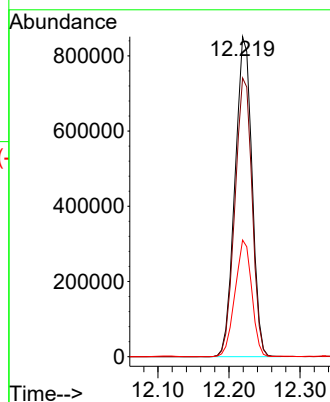
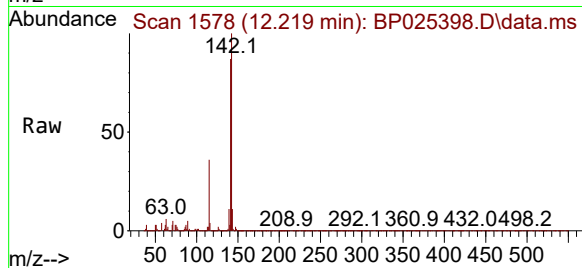




#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

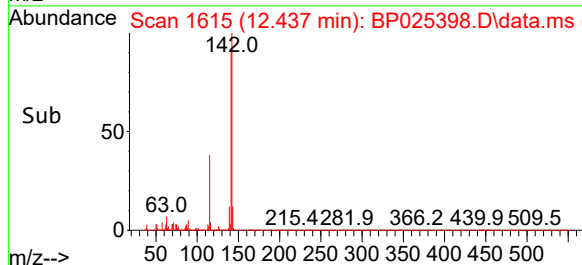
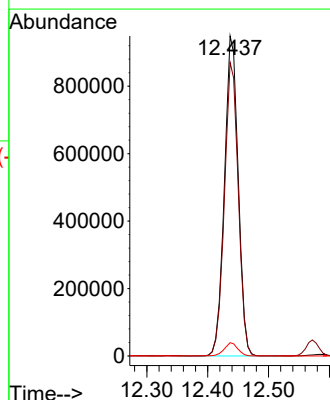
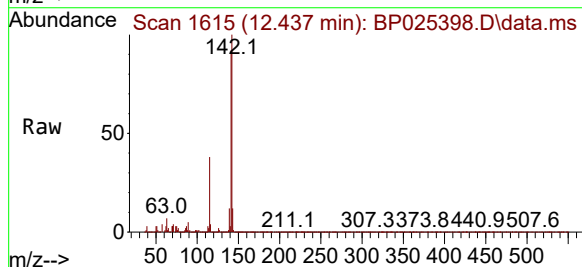
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

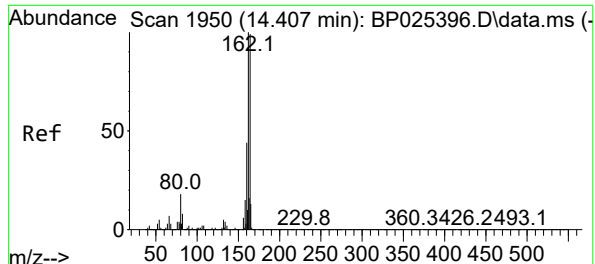
Tgt Ion:142 Resp: 1418882
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 36.5 28.9 43.3



#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.1 3.2 4.8

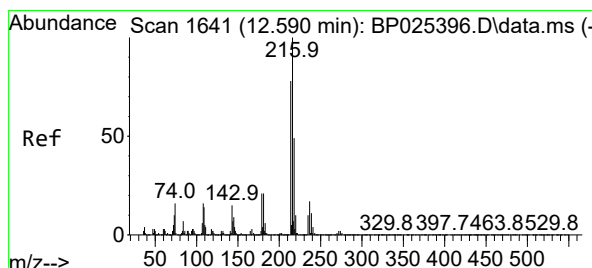
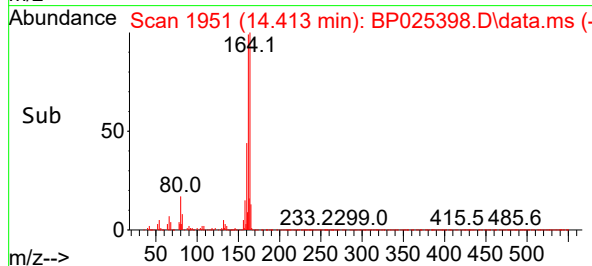
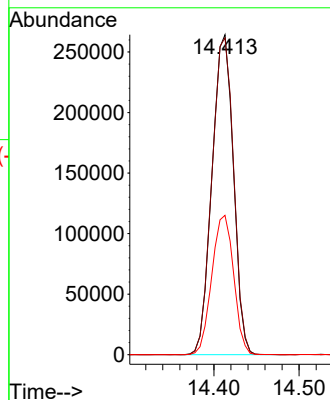
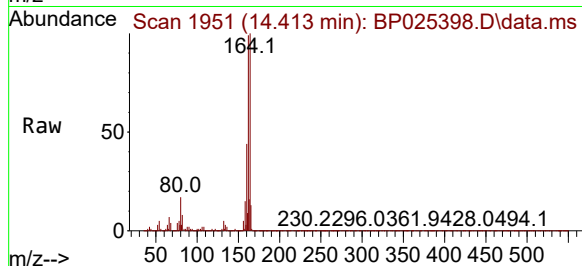




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

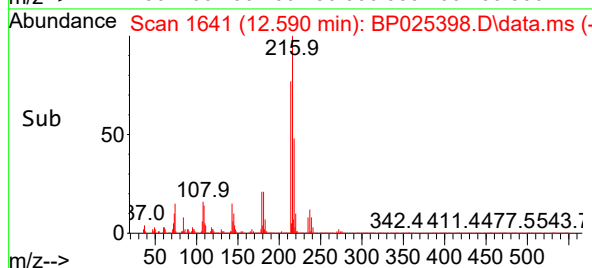
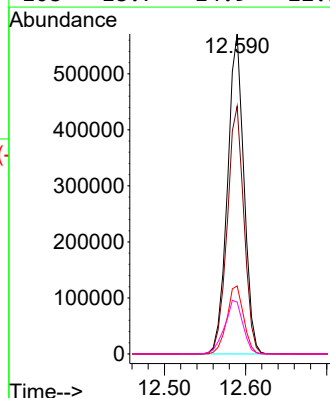
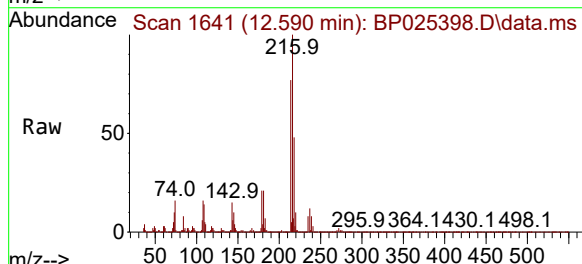
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

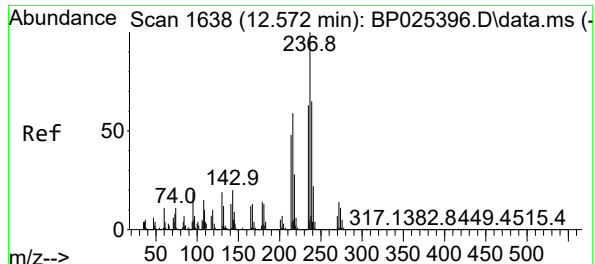
Tgt Ion:164 Resp: 460439
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 43.6 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.6 17.1 25.7
108 18.7 14.9 22.3

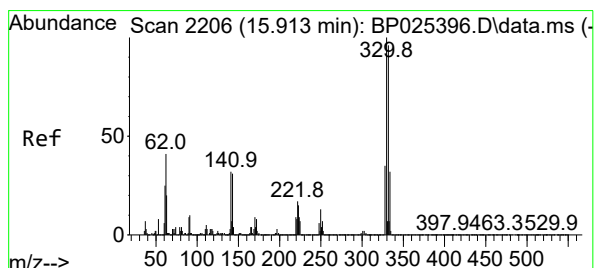
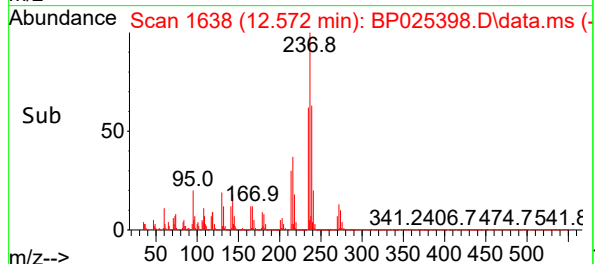
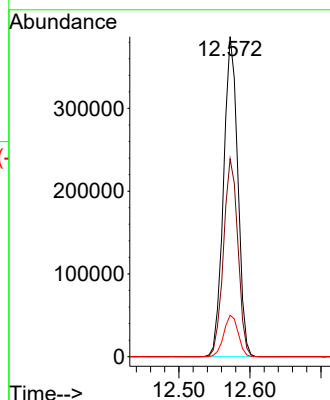
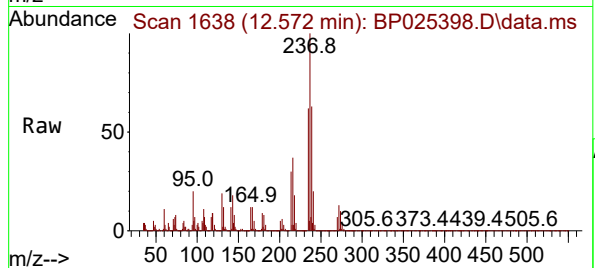




#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

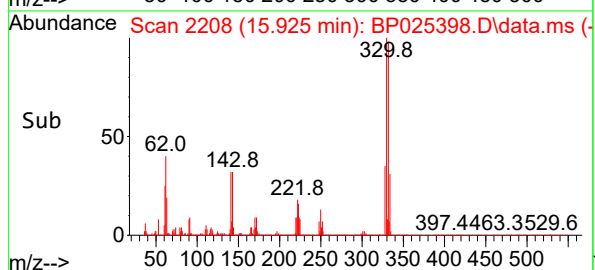
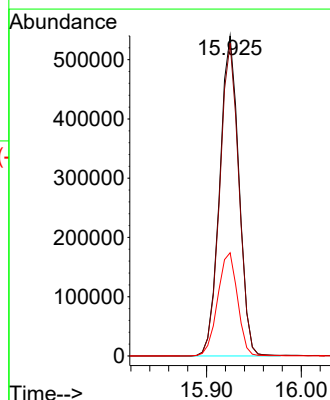
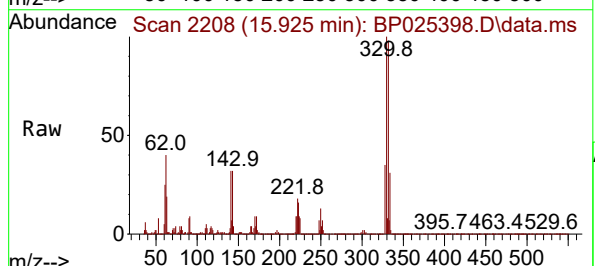
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

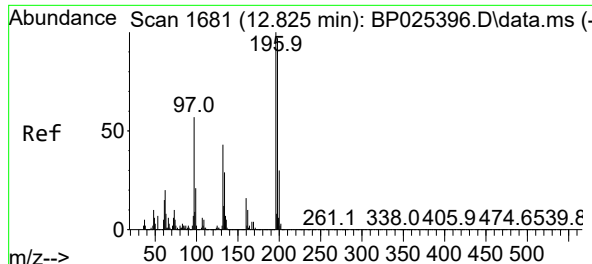
Tgt Ion:237 Resp: 536440
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 13.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 33.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 62.841 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

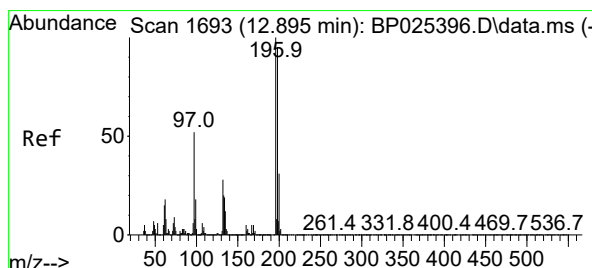
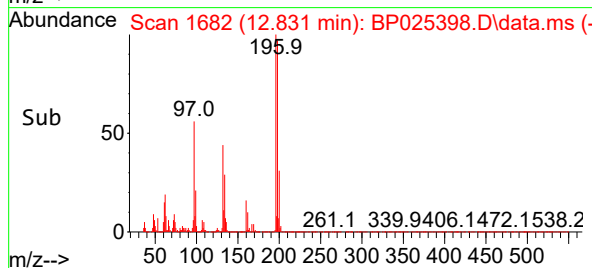
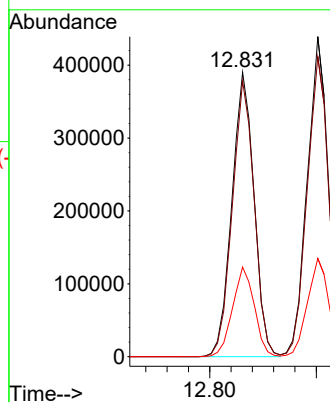
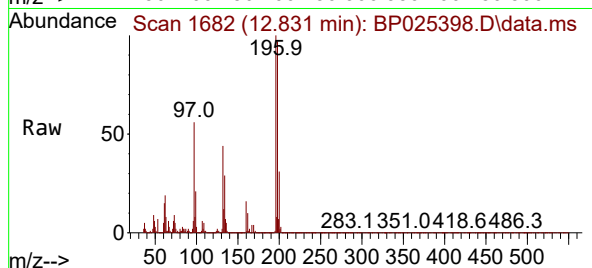
Tgt Ion:196 Resp: 564165

Ion Ratio Lower Upper

196 100

198 96.9 77.2 115.8

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 62.937 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

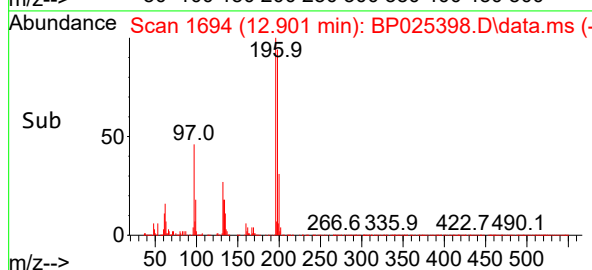
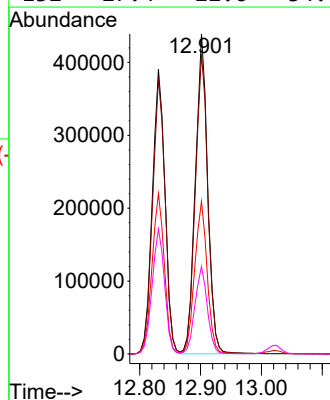
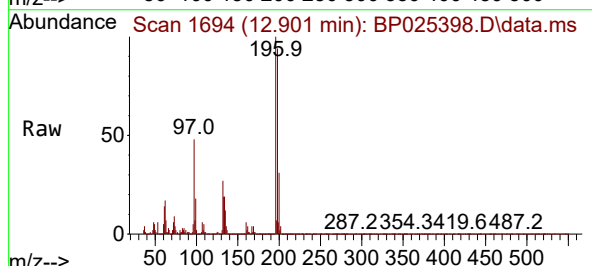
Ion Ratio Lower Upper

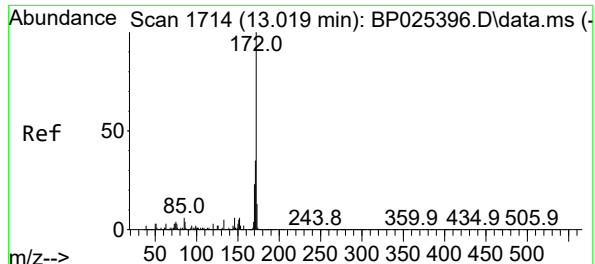
196 100

198 93.8 76.2 114.2

97 47.7 41.2 61.8

132 27.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 117.656 ng

RT: 13.025 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

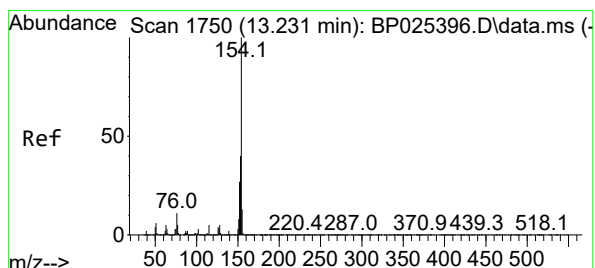
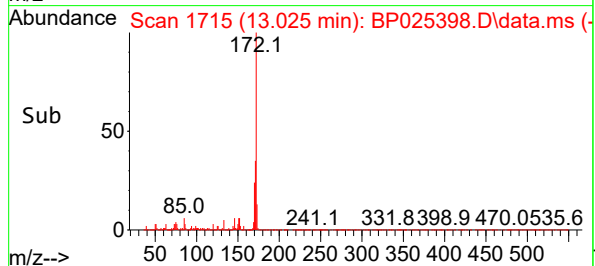
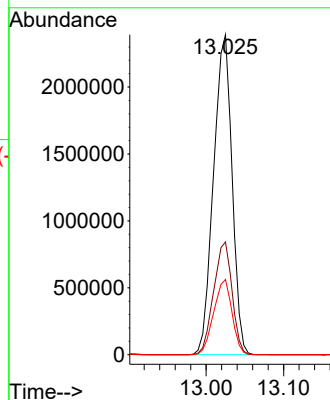
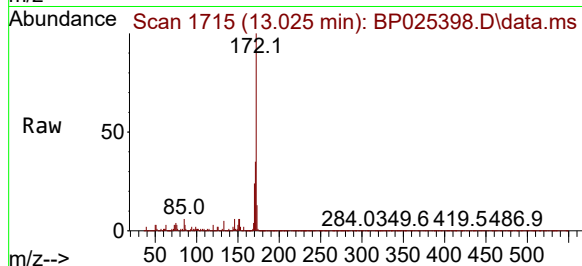
Tgt Ion:172 Resp: 3963871

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 59.695 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

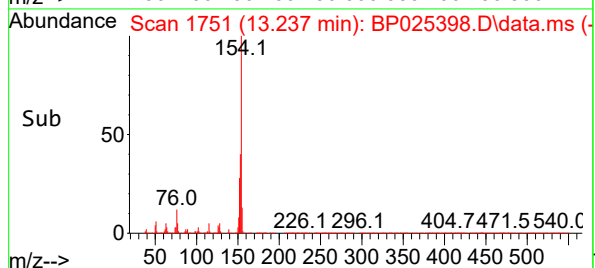
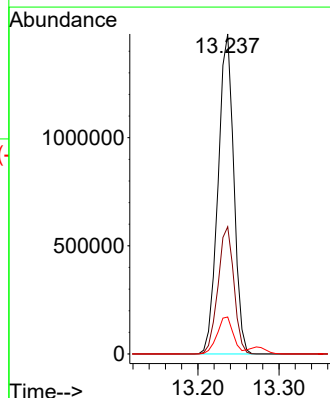
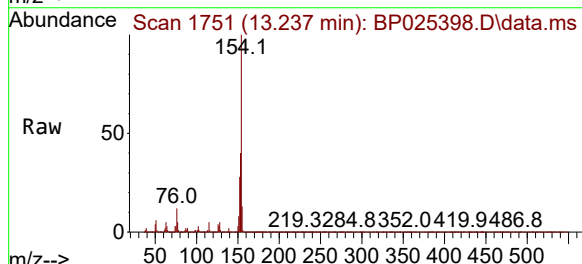
Tgt Ion:154 Resp: 1996186

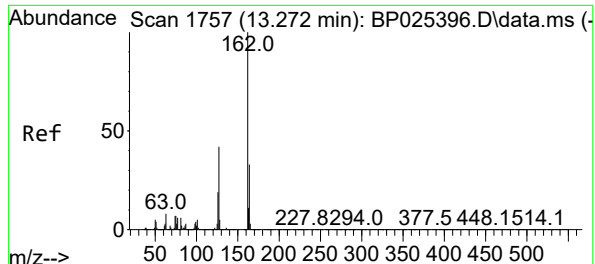
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 60.600 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

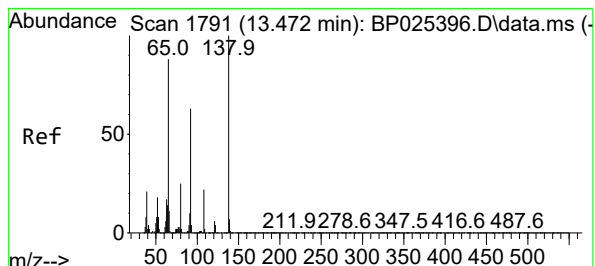
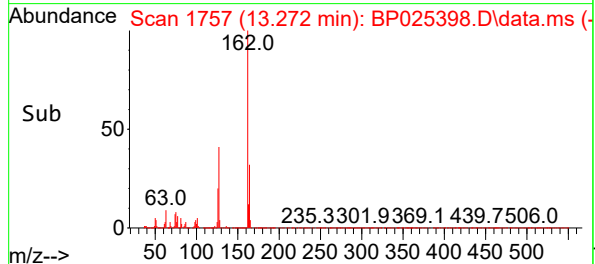
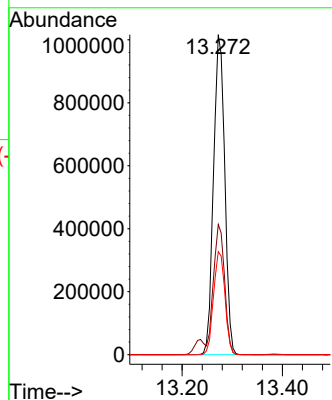
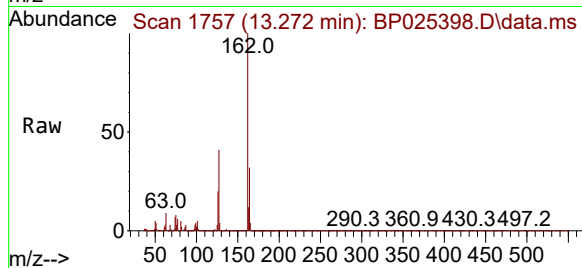
Tgt Ion:162 Resp: 1577577

Ion Ratio Lower Upper

162 100

127 40.7 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 63.996 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

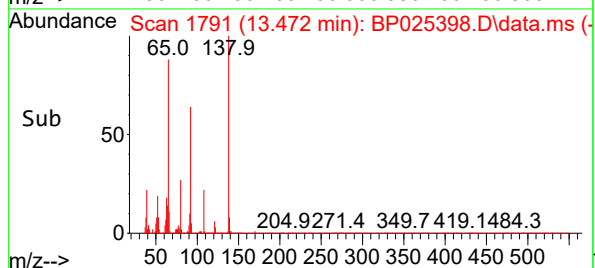
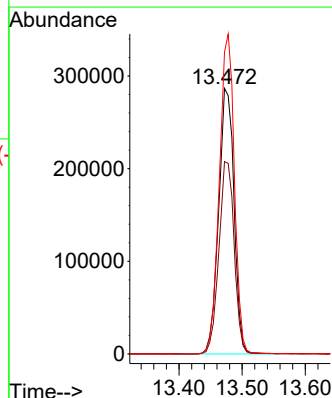
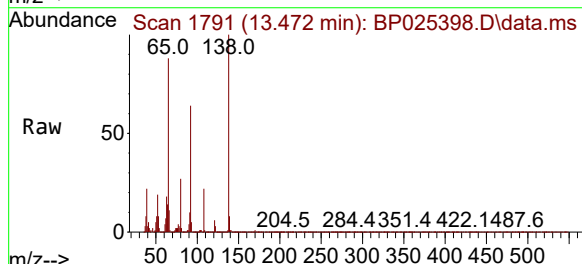
Tgt Ion: 65 Resp: 485429

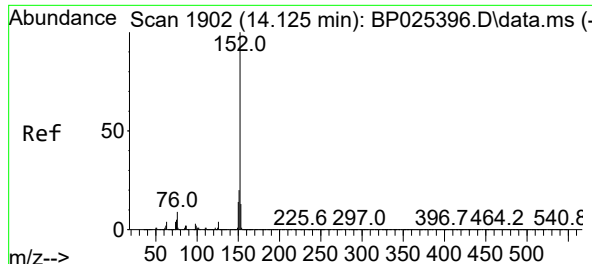
Ion Ratio Lower Upper

65 100

92 72.4 57.6 86.4

138 113.7 91.0 136.6





#49

Acenaphthylene

Concen: 61.147 ng

RT: 14.131 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

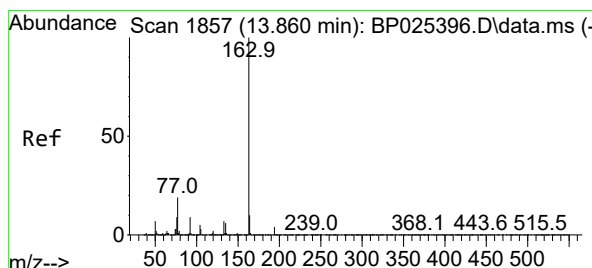
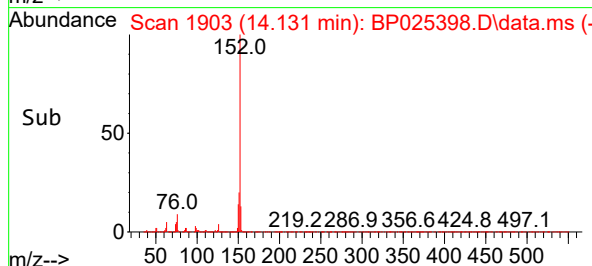
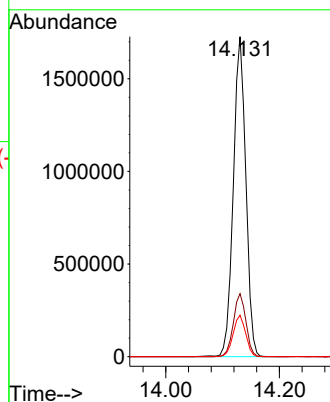
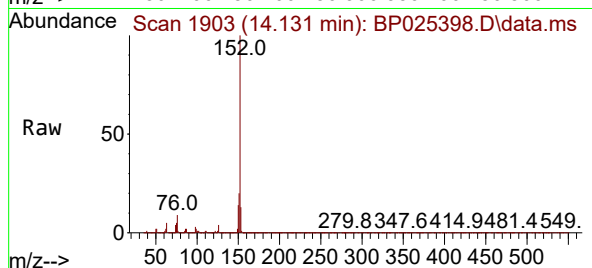
Tgt Ion:152 Resp: 2634005

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 60.572 ng

RT: 13.866 min Scan# 1858

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

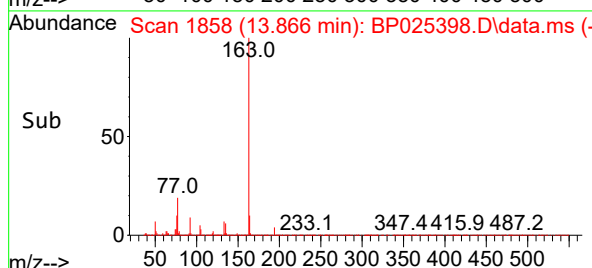
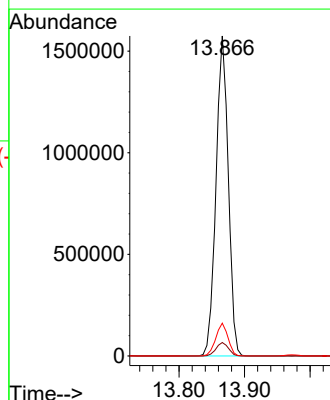
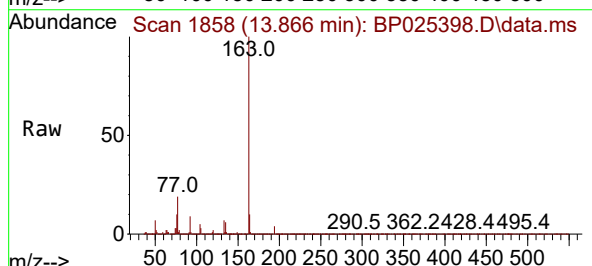
Tgt Ion:163 Resp: 2042324

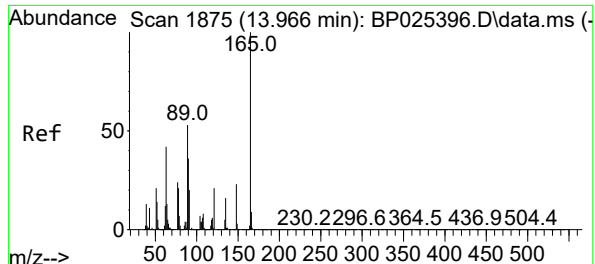
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 7.9 11.9

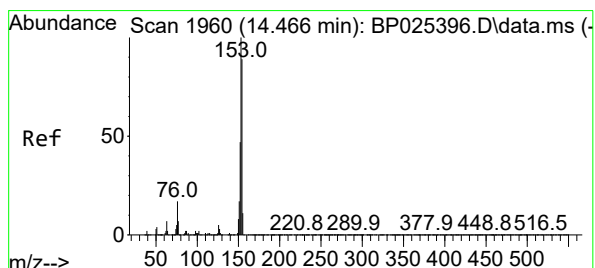
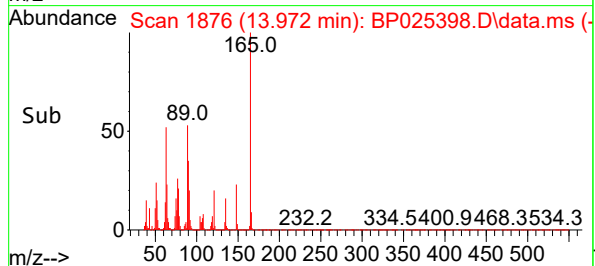
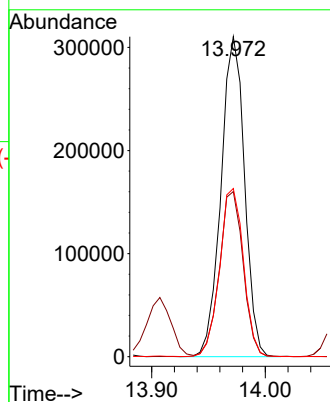
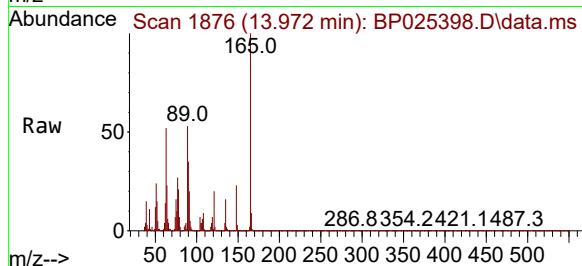




#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

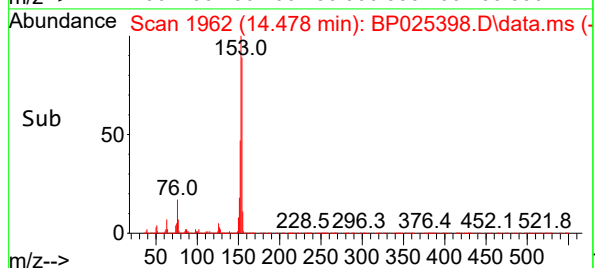
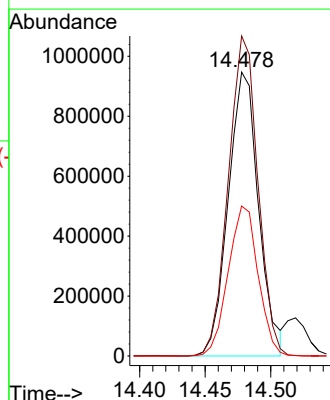
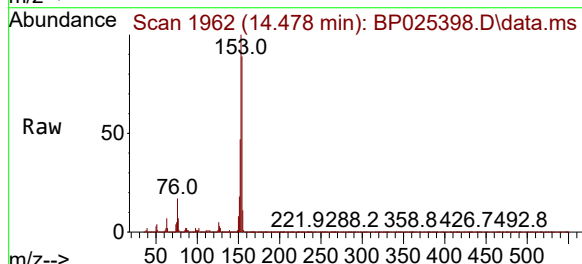
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

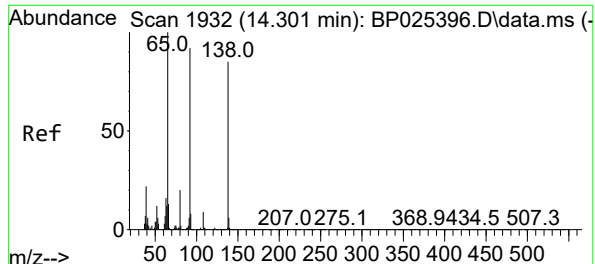
Tgt Ion:165 Resp: 446520
Ion Ratio Lower Upper
165 100
63 51.6 40.9 61.3
89 52.5 42.1 63.1



#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.2
152 52.8 42.1 63.1

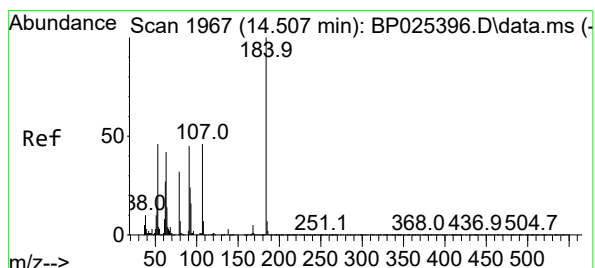
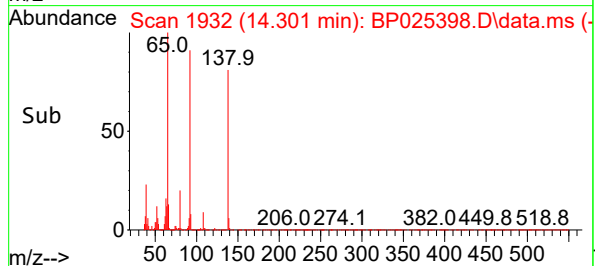
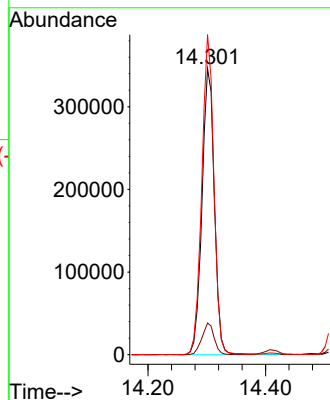
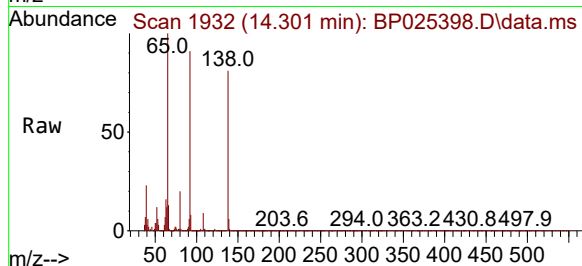




#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

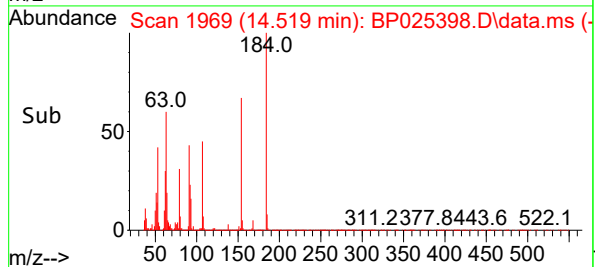
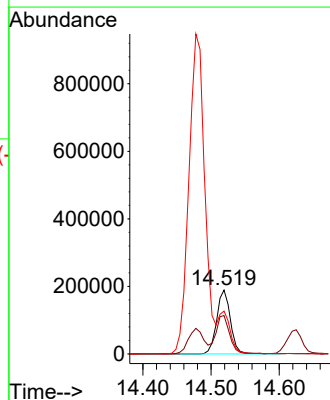
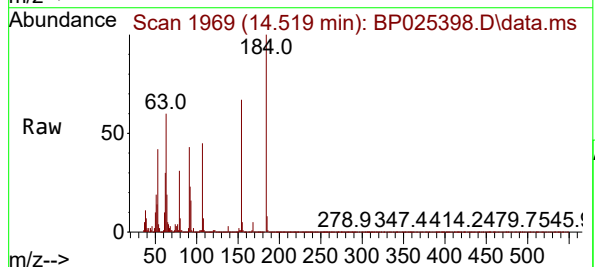
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

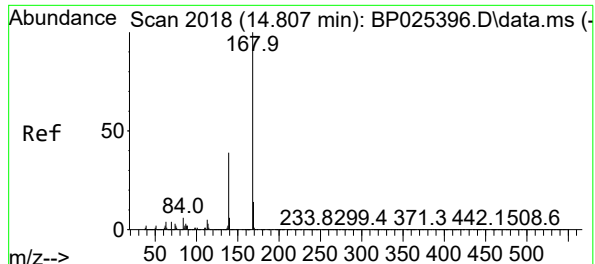
Tgt Ion:138 Resp: 506373
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 111.9 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089
Ion Ratio Lower Upper
184 100
63 60.1 49.4 74.2
154 67.3 54.6 82.0





#55

Dibenzenofuran

Concen: 59.734 ng

RT: 14.819 min Scan# 20

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

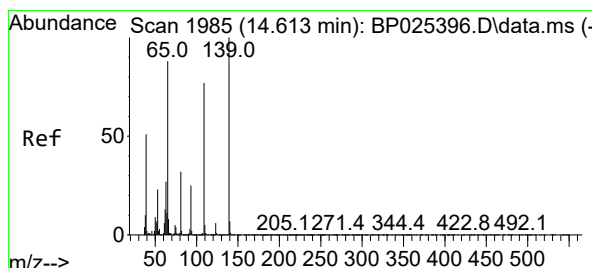
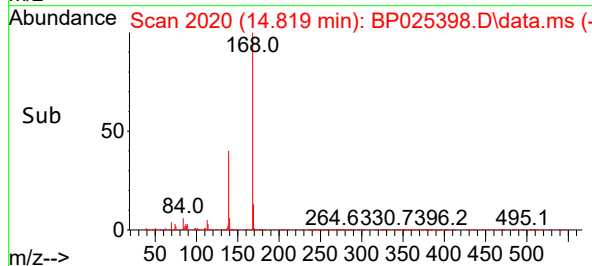
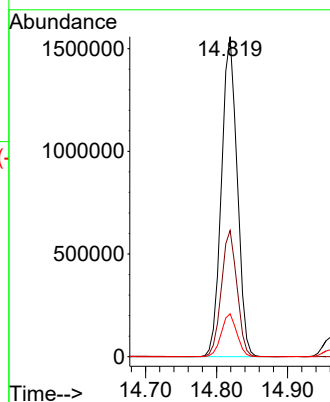
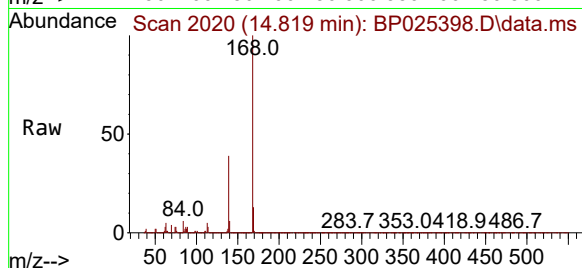
Tgt Ion:168 Resp: 2387933

Ion Ratio Lower Upper

168 100

139 39.5 31.5 47.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 63.893 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

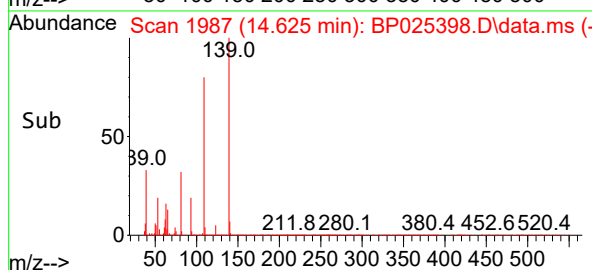
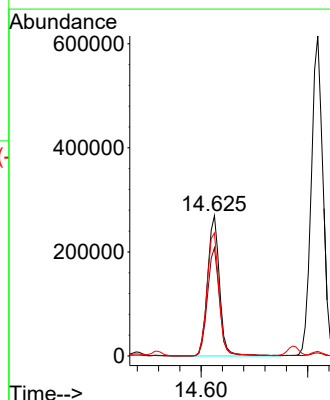
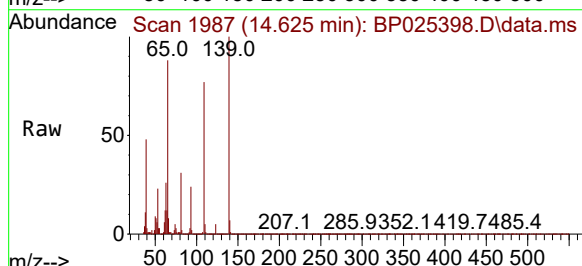
Tgt Ion:139 Resp: 419801

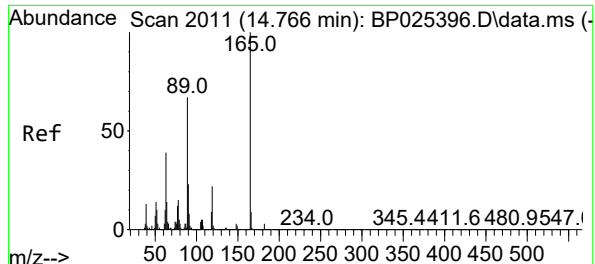
Ion Ratio Lower Upper

139 100

109 77.0 56.6 96.6

65 87.6 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 64.112 ng

RT: 14.778 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 650054

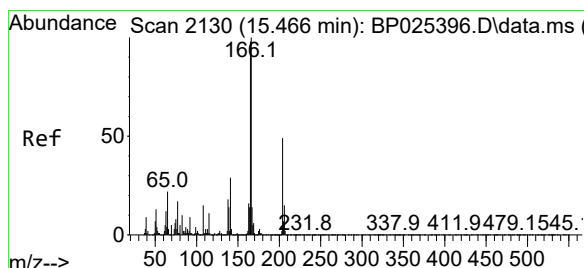
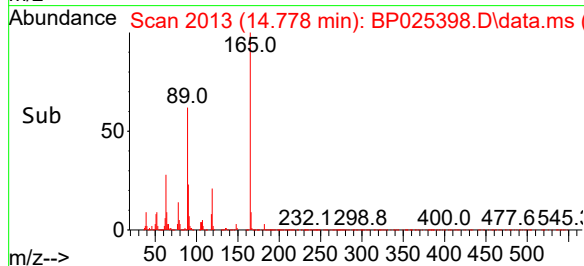
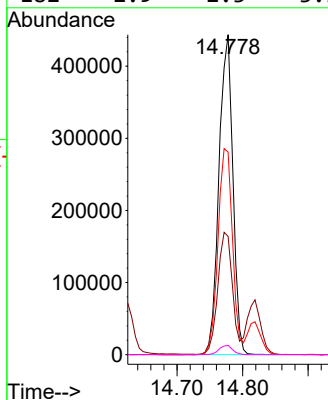
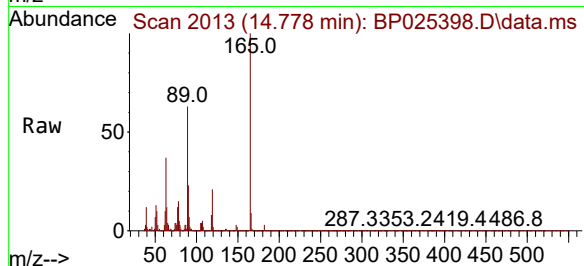
Ion Ratio Lower Upper

165 100

63 37.0 31.4 47.2

89 63.3 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 58.236 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

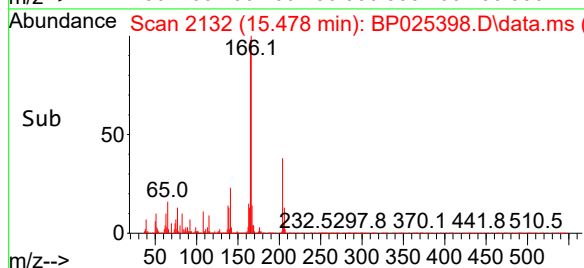
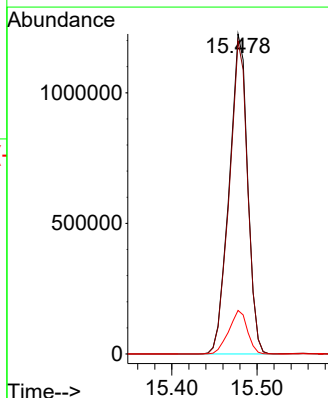
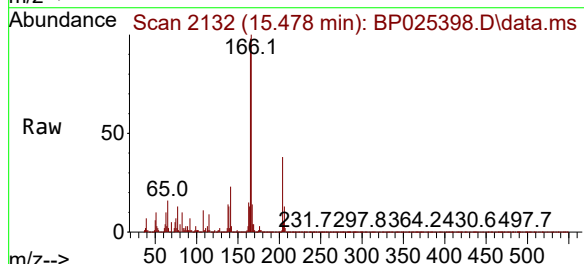
Tgt Ion:166 Resp: 1836972

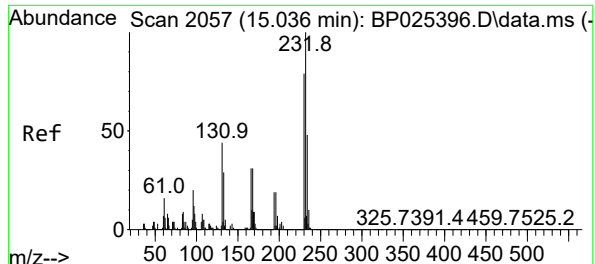
Ion Ratio Lower Upper

166 100

165 97.8 78.8 118.2

167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.307 ng

RT: 15.042 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 541317

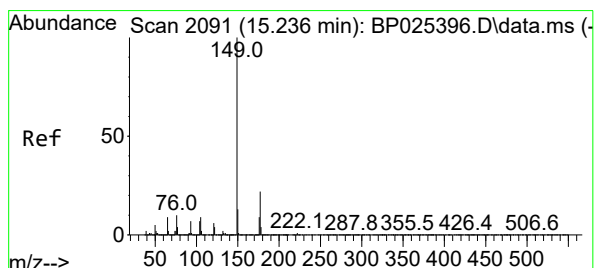
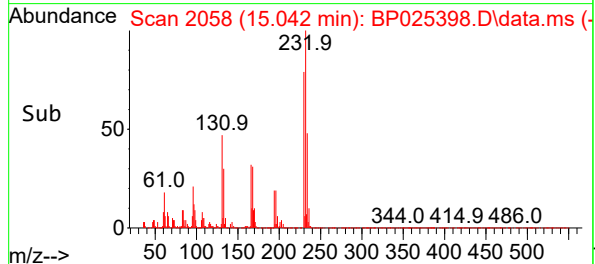
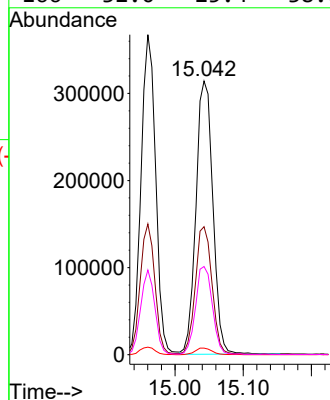
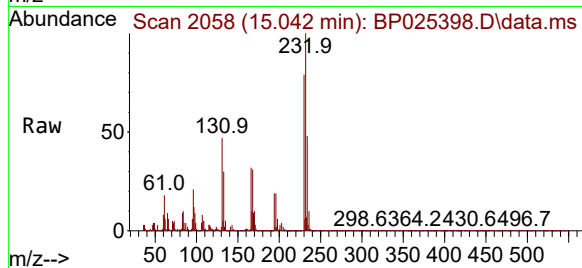
Ion Ratio Lower Upper

232 100

131 46.2 37.0 55.6

130 2.4 1.9 2.9

166 32.0 25.4 38.0



#60

Diethylphthalate

Concen: 58.840 ng

RT: 15.254 min Scan# 2094

Delta R.T. 0.018 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

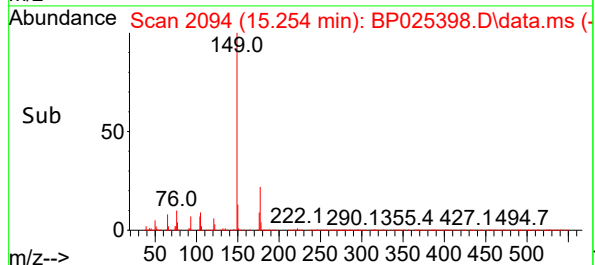
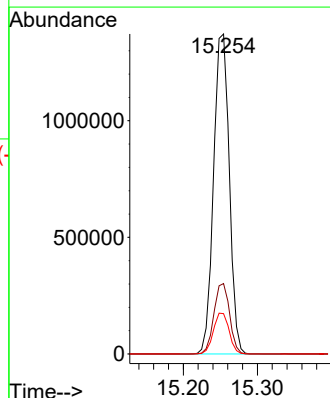
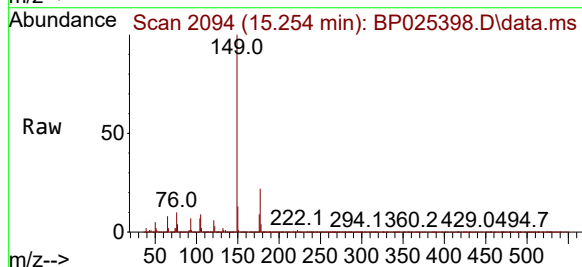
Tgt Ion:149 Resp: 2015888

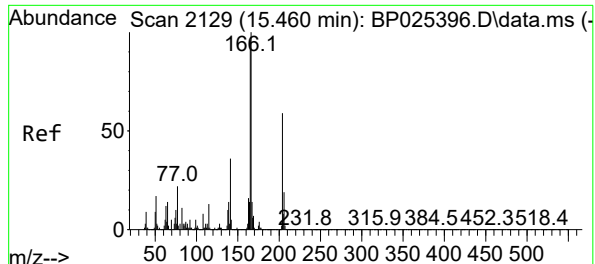
Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

150 12.6 10.3 15.5

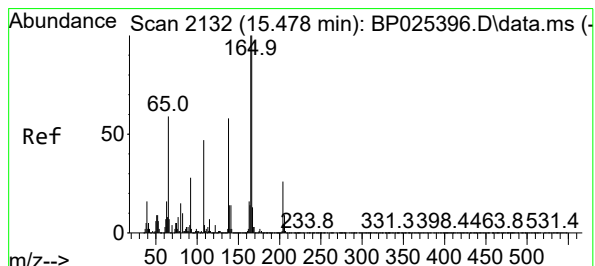
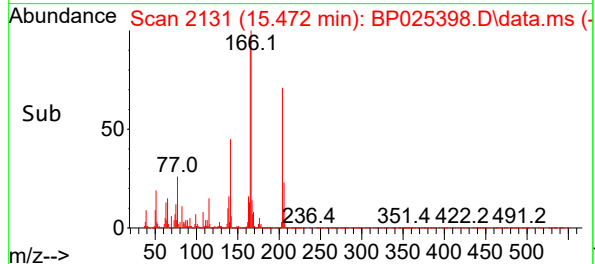
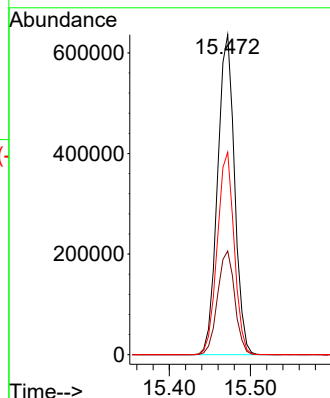
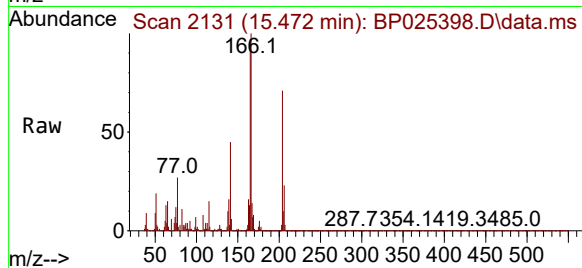




#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

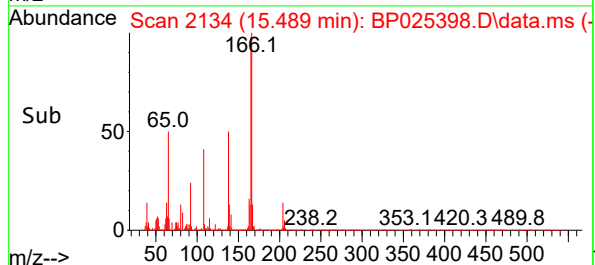
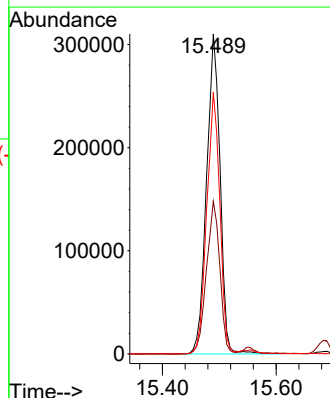
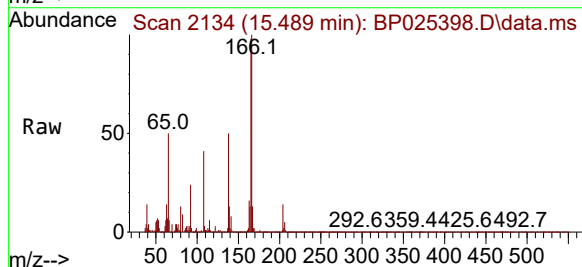
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

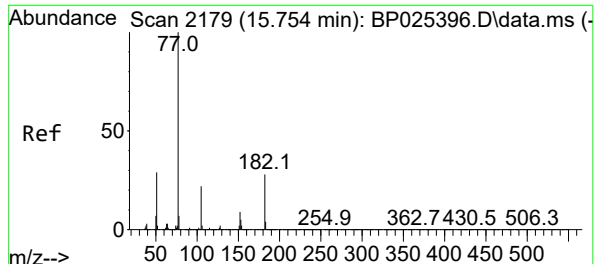
Tgt Ion:204 Resp: 926280
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 63.3 49.4 74.2



#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438
Ion Ratio Lower Upper
138 100
92 47.7 29.1 69.1
108 81.8 61.5 101.5

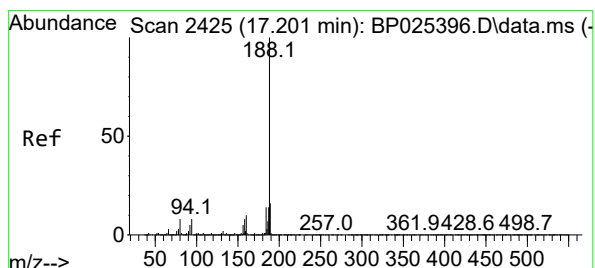
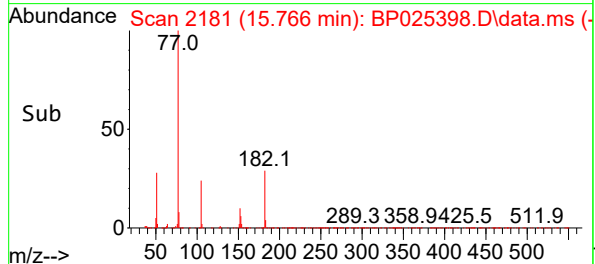
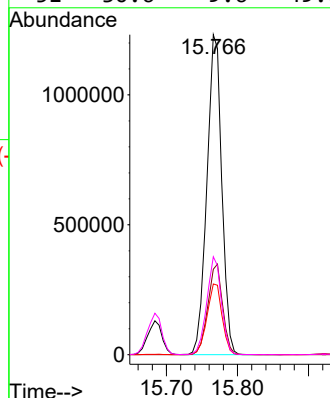
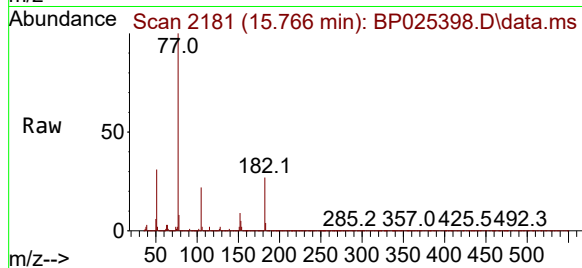




#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

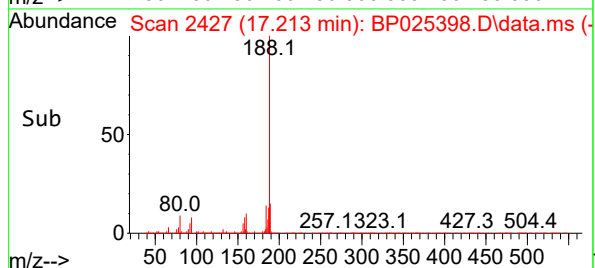
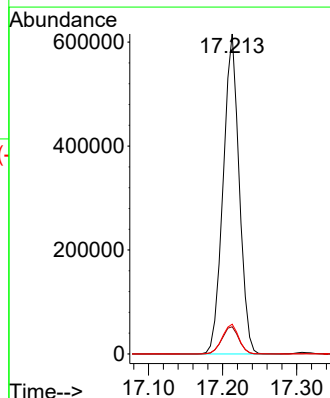
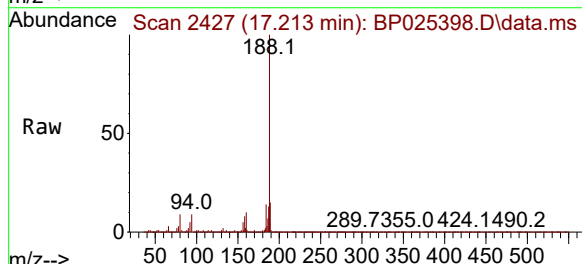
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

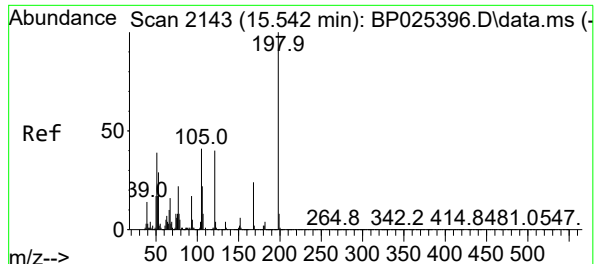
Tgt Ion: 77 Resp: 1796580
Ion Ratio Lower Upper
77 100
182 26.7 7.5 47.5
105 22.1 2.1 42.1
51 30.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 188 Resp: 923402
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 6.7 10.1

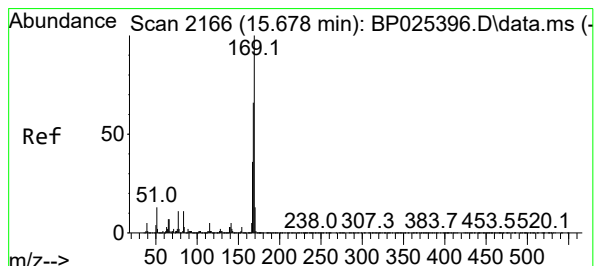
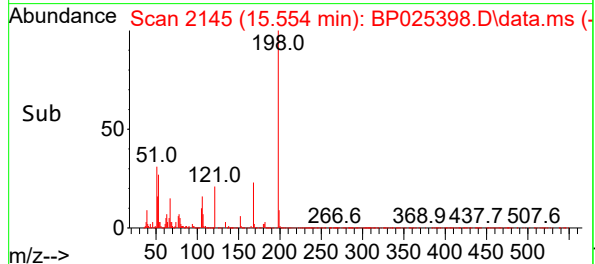
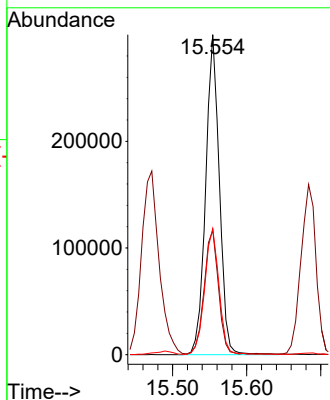
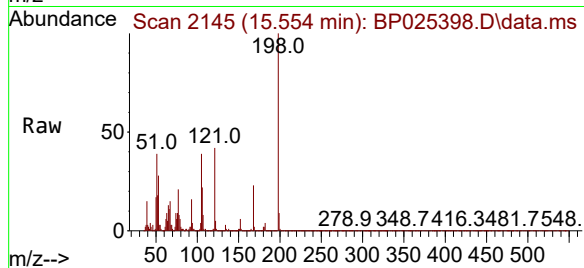




#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

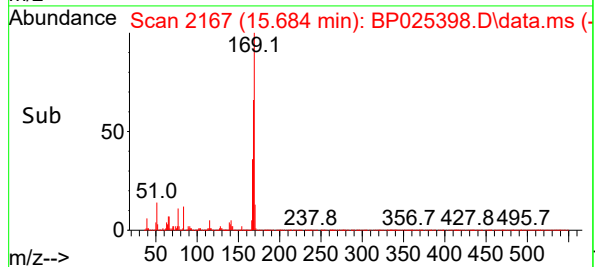
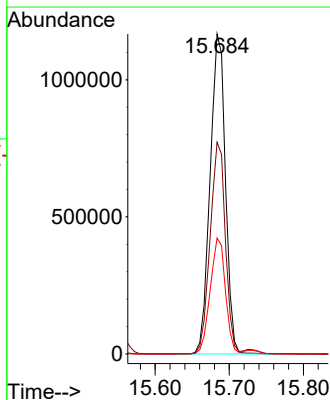
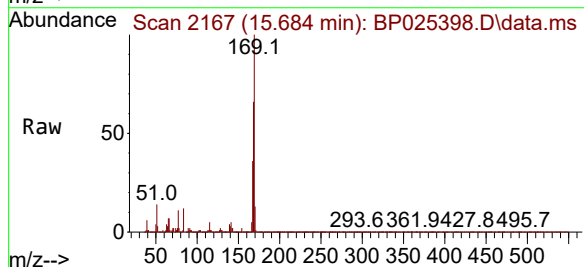
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

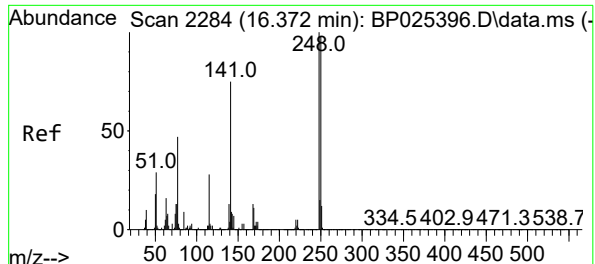
Tgt Ion:198 Resp: 385873
Ion Ratio Lower Upper
198 100
51 38.9 19.6 59.6
105 39.4 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 28.7 43.1

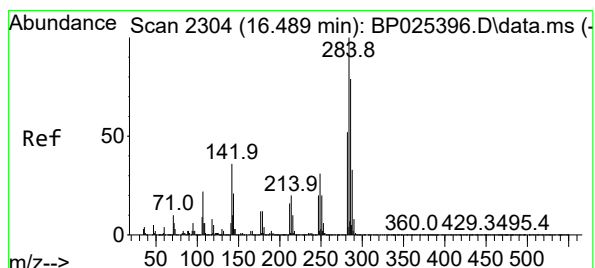
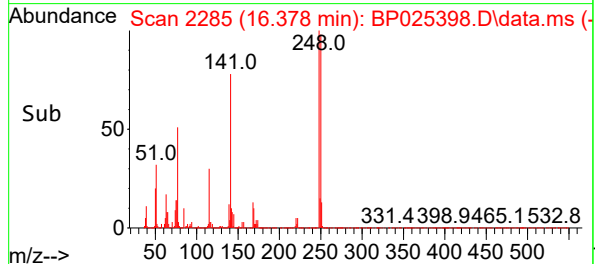
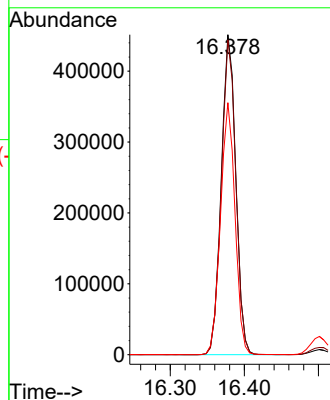
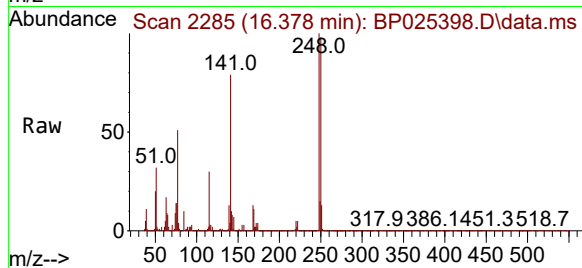




#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

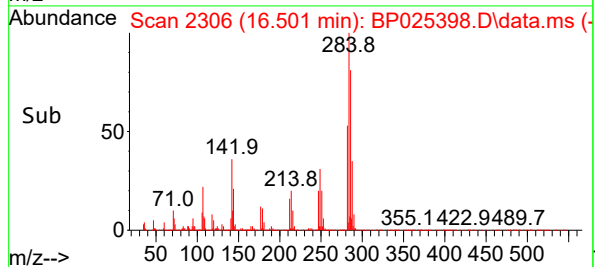
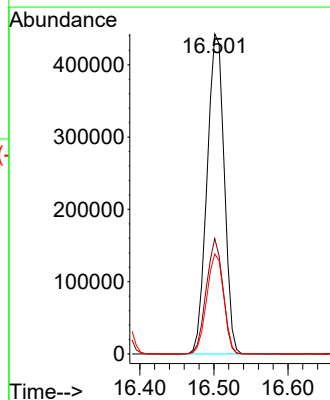
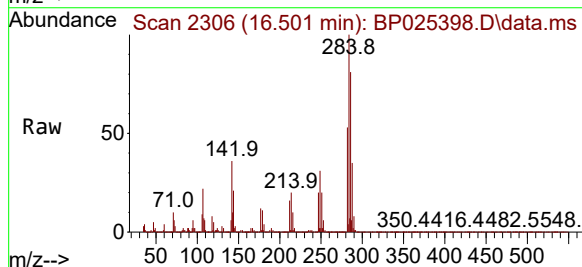
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

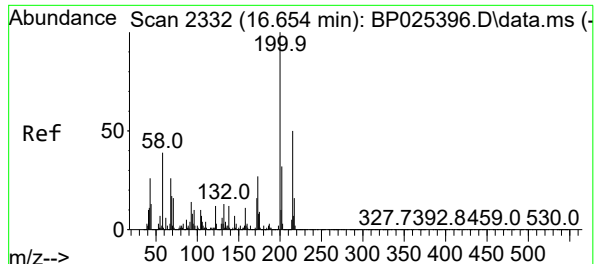
Tgt Ion:248 Resp: 616767
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.2
141 78.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778
Ion Ratio Lower Upper
284 100
142 36.1 29.1 43.7
249 31.3 25.0 37.4





#69

Atrazine

Concen: 60.063 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

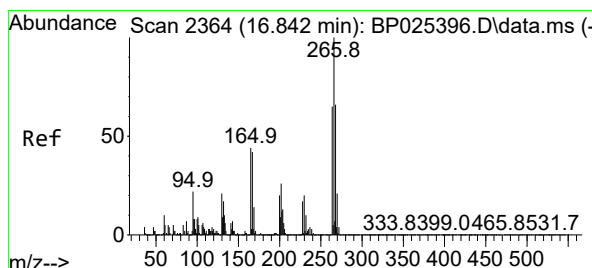
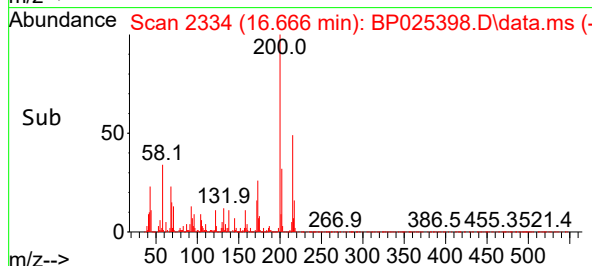
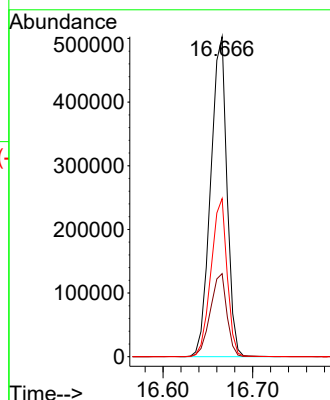
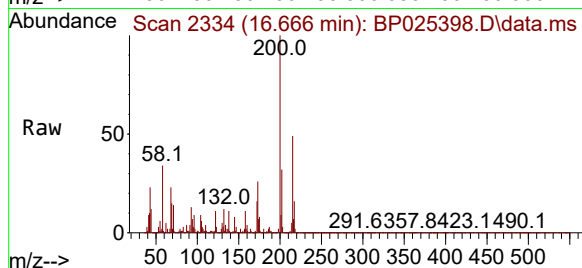
Tgt Ion:200 Resp: 633381

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 49.4 29.7 69.7



#70

Pentachlorophenol

Concen: 63.820 ng

RT: 16.854 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

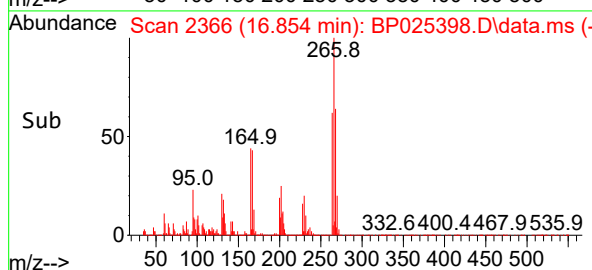
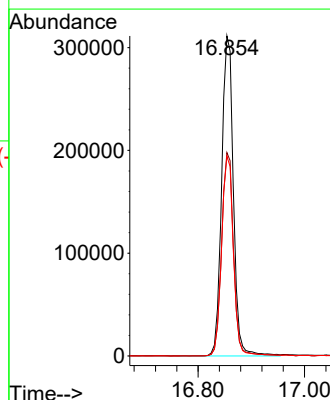
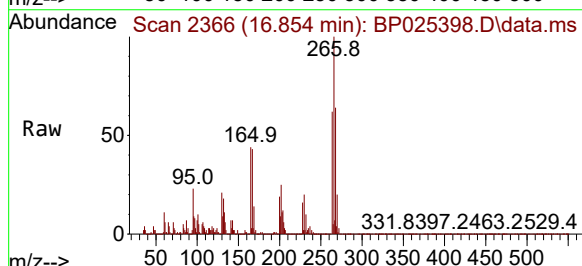
Tgt Ion:266 Resp: 474276

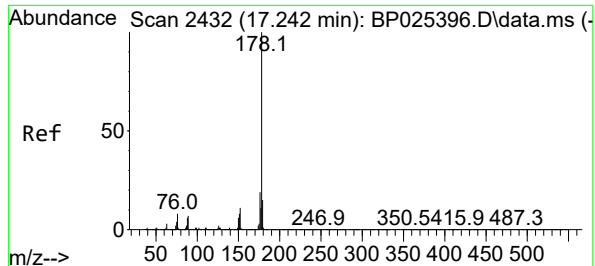
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

264 62.4 52.0 78.0

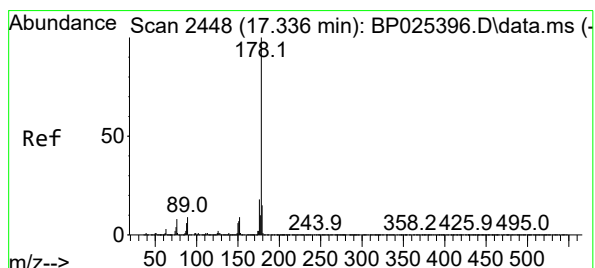
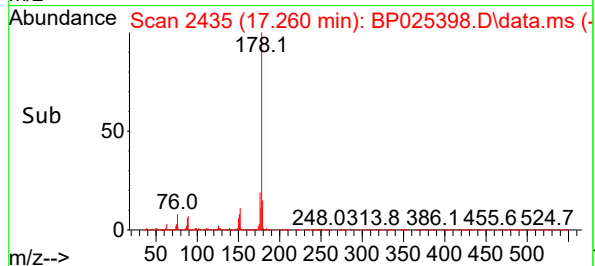
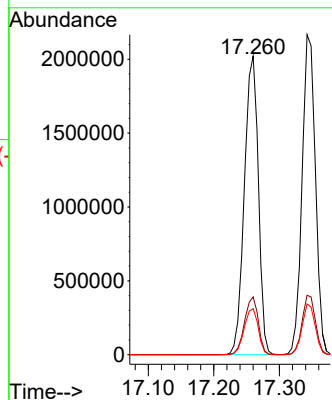
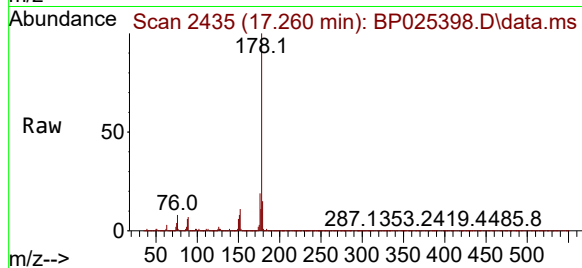




#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

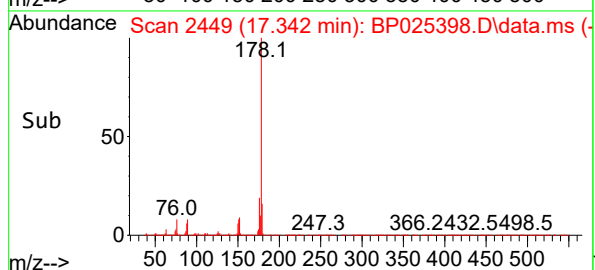
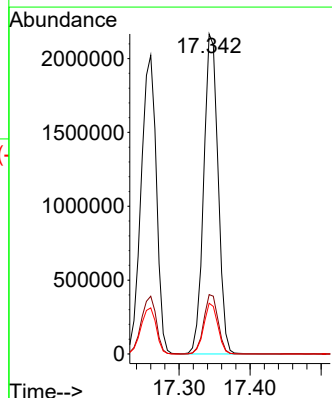
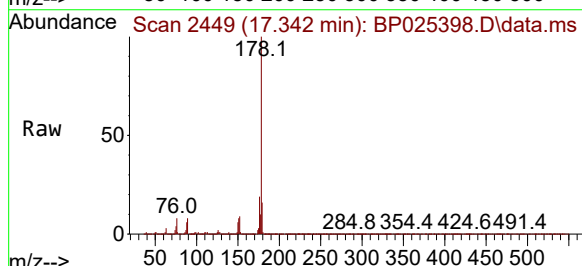
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

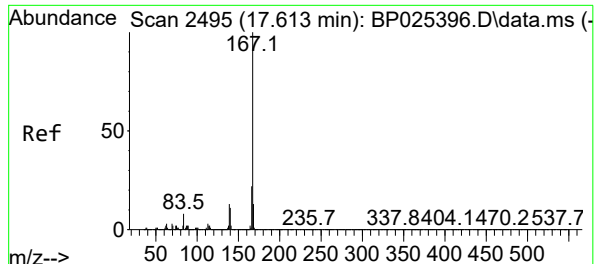
Tgt Ion:178 Resp: 3006132
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.4



#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

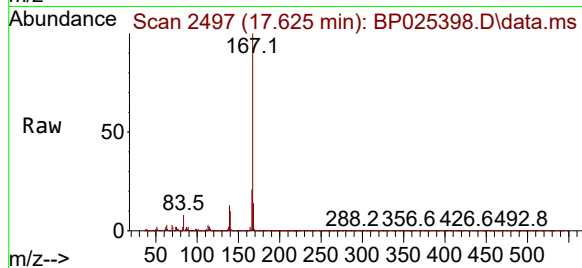
Tgt Ion:178 Resp: 3050794
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.9 12.2 18.2



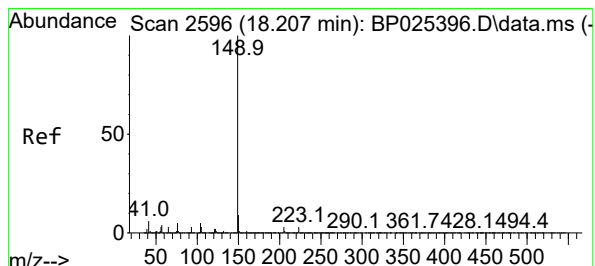
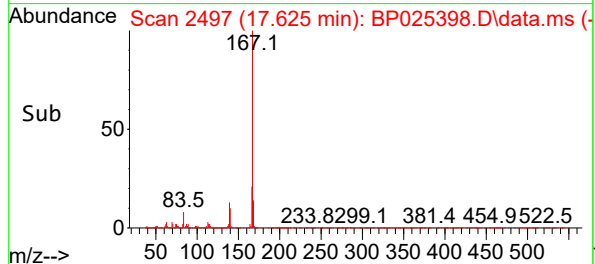
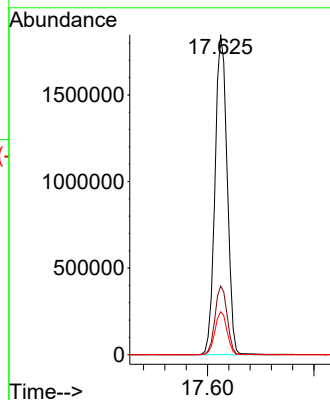


#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 2497
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

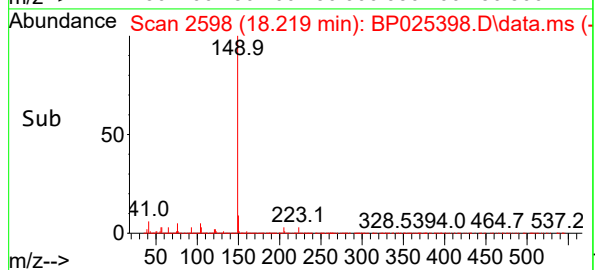
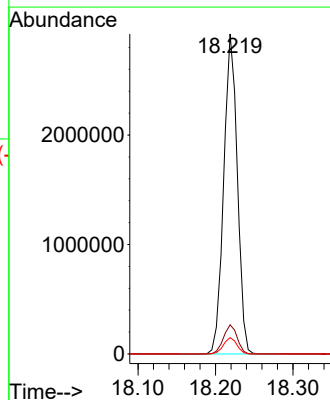
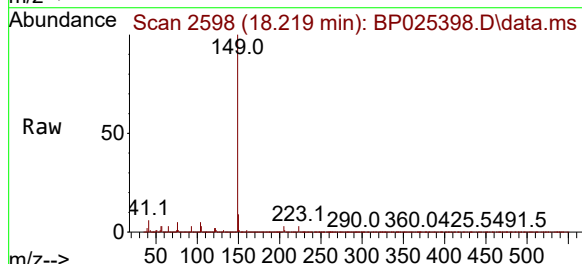


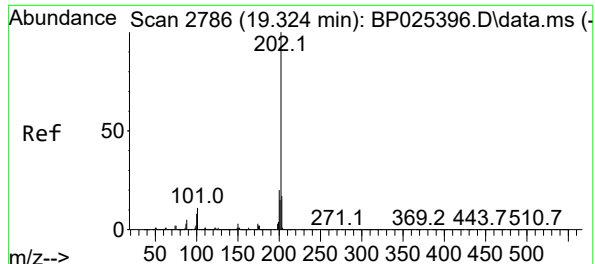
Tgt Ion:167 Resp: 2916606
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.4 10.6 16.0



#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.2 6.2

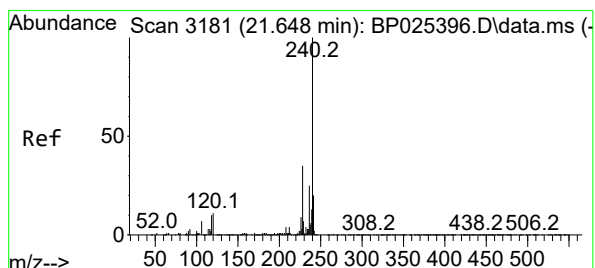
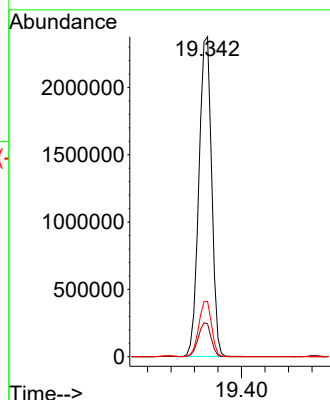
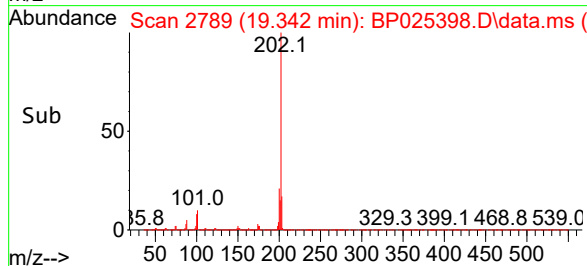
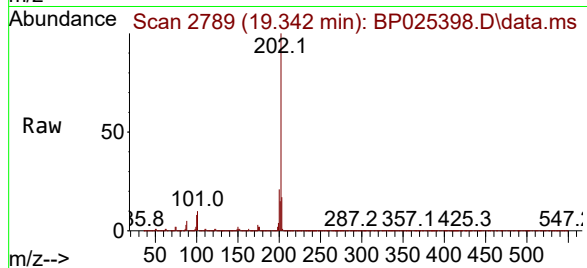




#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

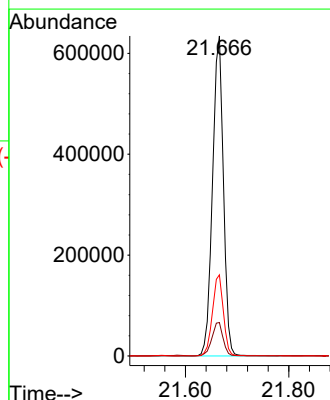
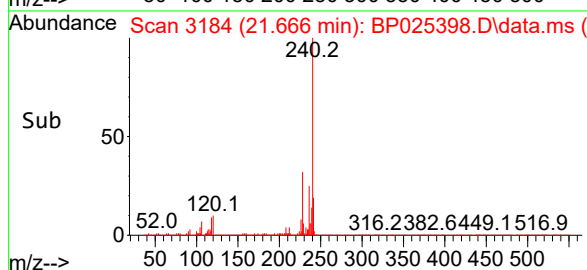
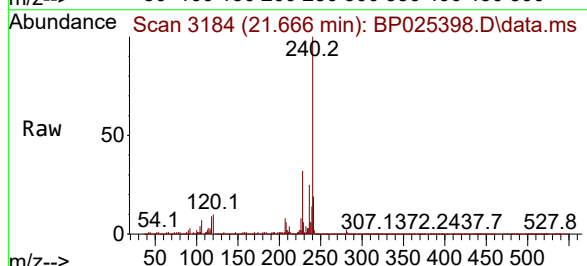
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

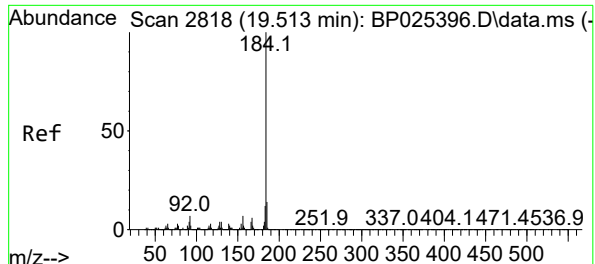
Tgt Ion:202 Resp: 3563798
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.3 19.8 29.8

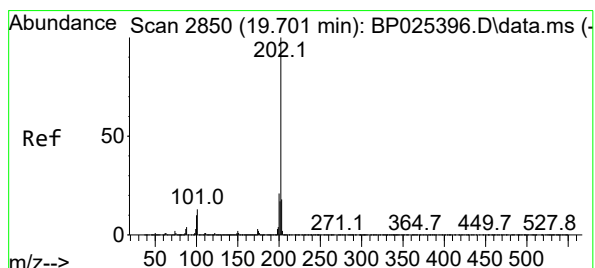
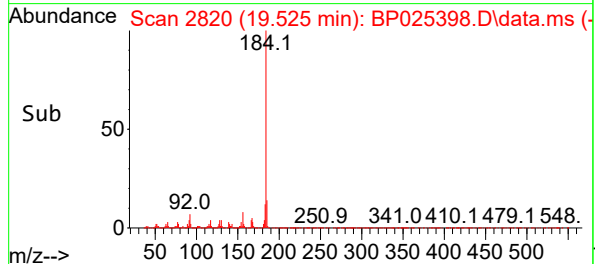
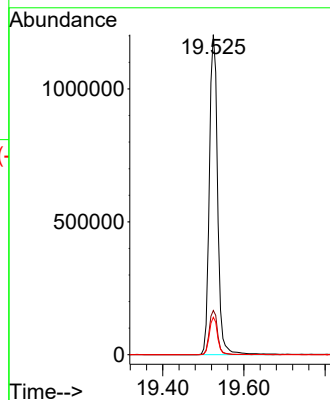
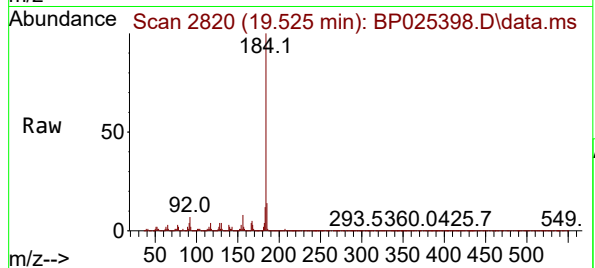




#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

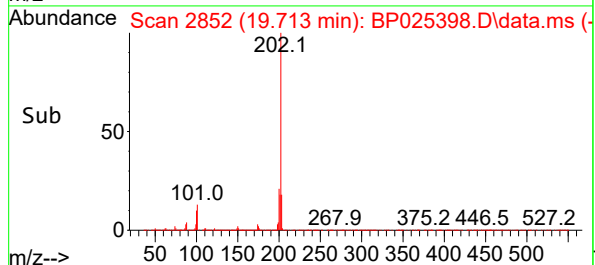
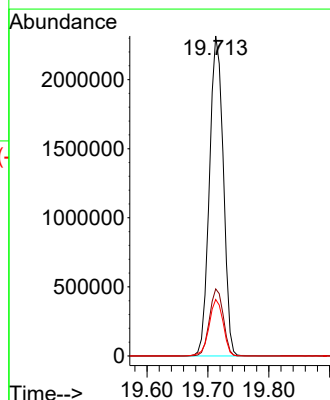
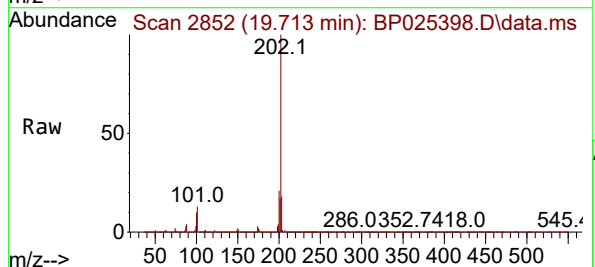
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

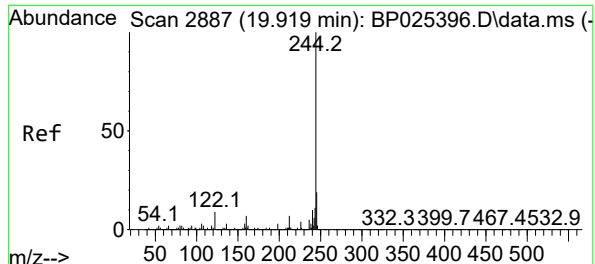
Tgt Ion:184 Resp: 1690432
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.7 9.4 14.2



#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 14.2 21.2

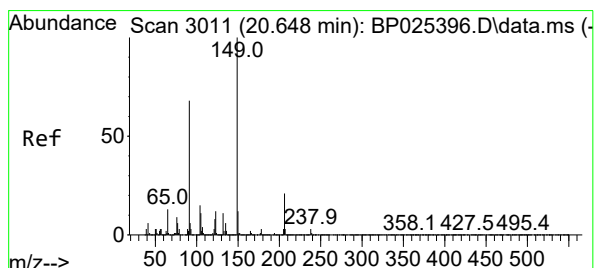
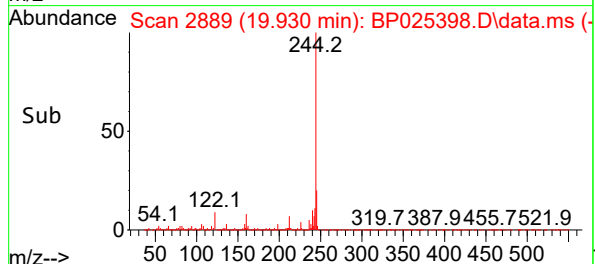
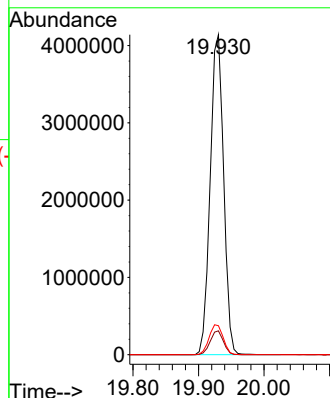
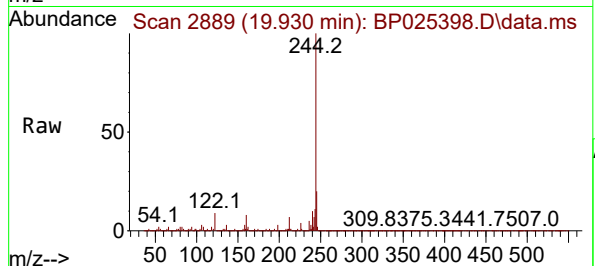




#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

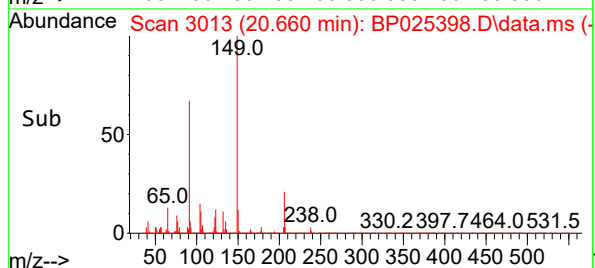
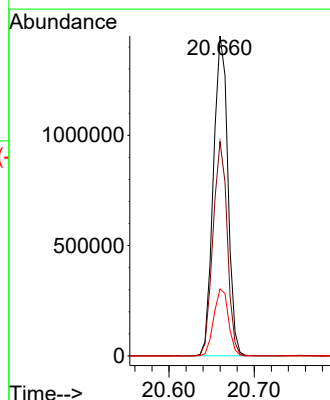
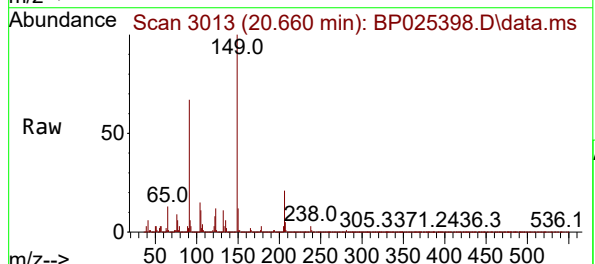
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

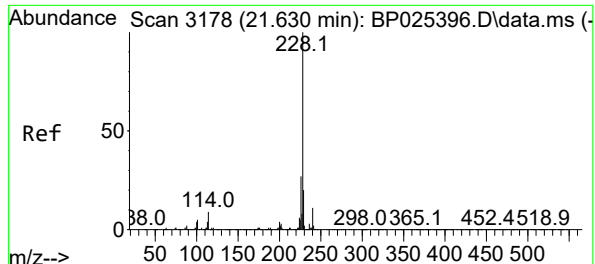
Tgt Ion:244 Resp: 5896004
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2



#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246
Ion Ratio Lower Upper
149 100
91 66.9 54.2 81.2
206 20.9 16.6 24.8

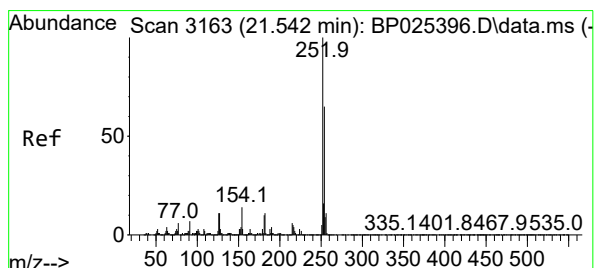
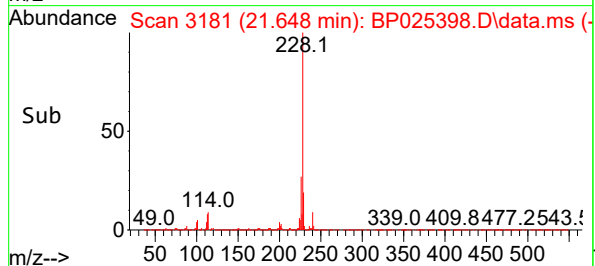
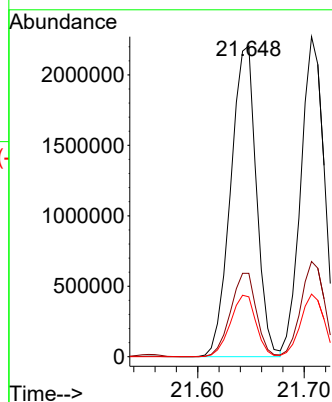
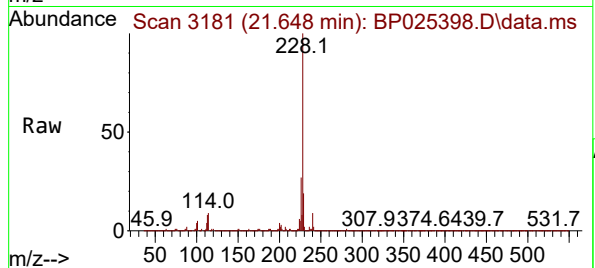




#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

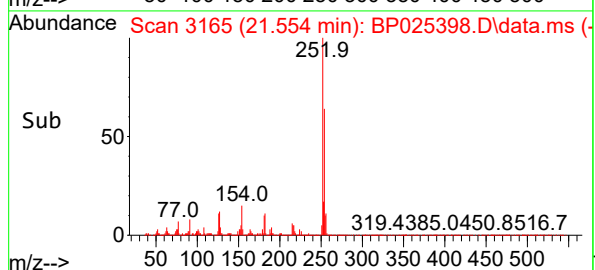
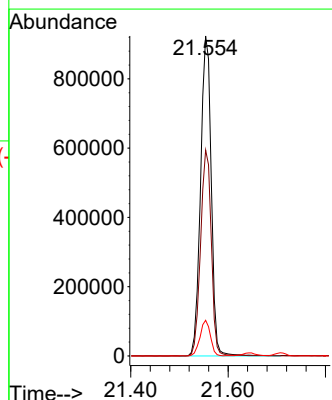
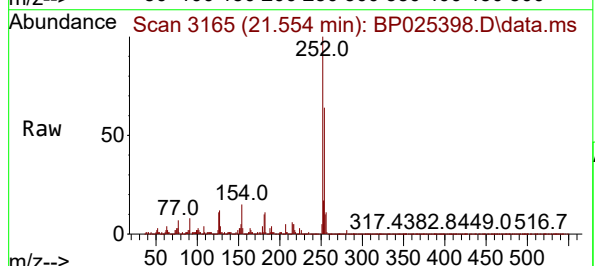
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

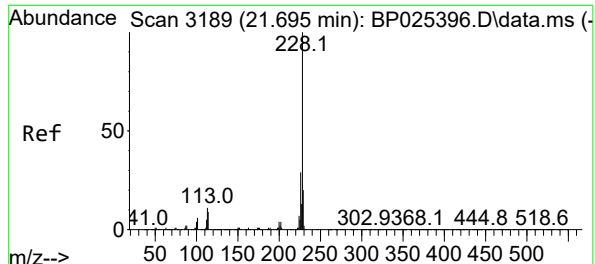
Tgt Ion:228 Resp: 3702064
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 1405597
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 11.2 9.1 13.7





#83

Chrysene

Concen: 60.387 ng

RT: 21.707 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

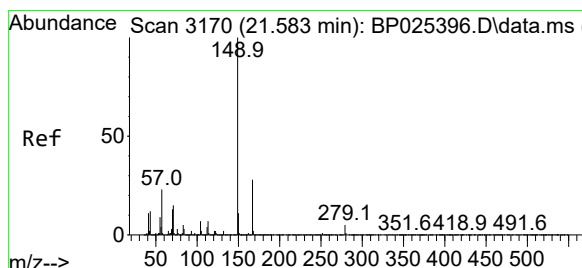
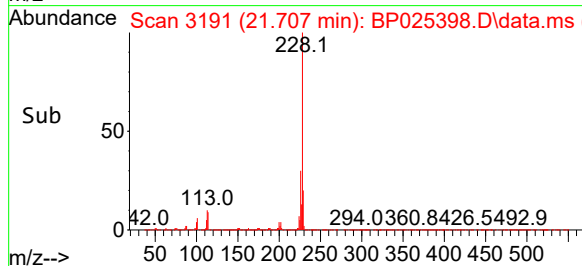
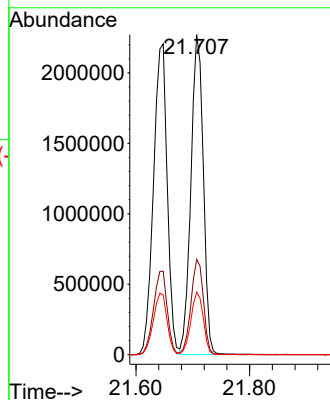
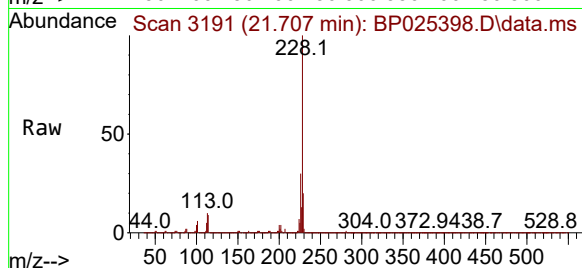
Tgt Ion:228 Resp: 3453736

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.038 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

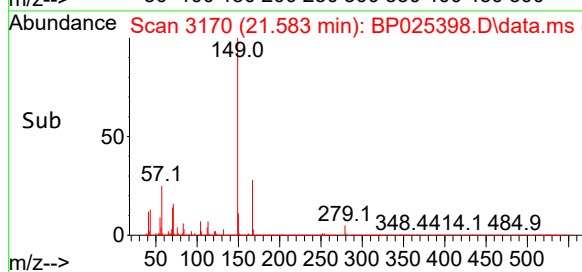
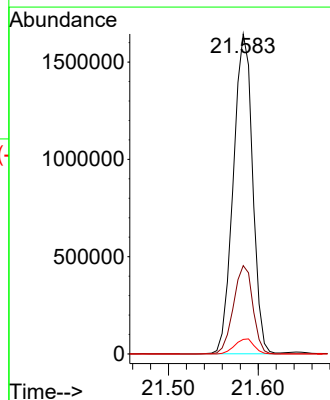
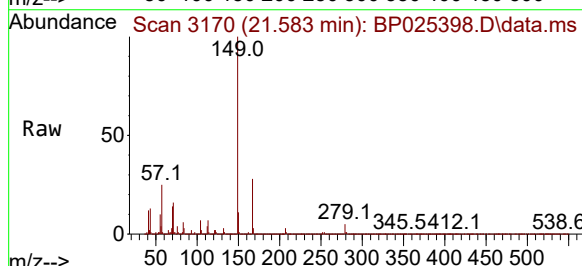
Tgt Ion:149 Resp: 2450963

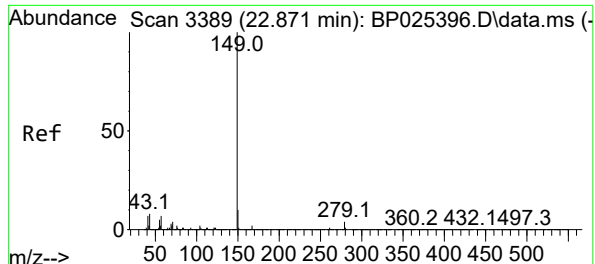
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.6 3.8 5.6

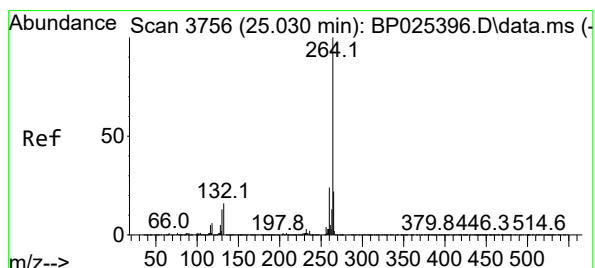
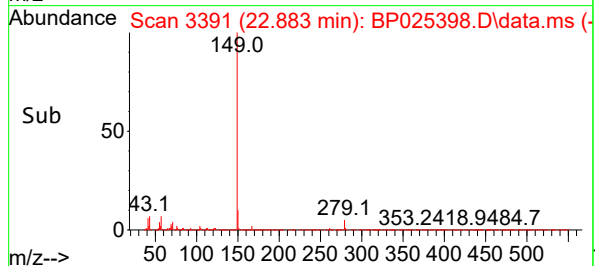
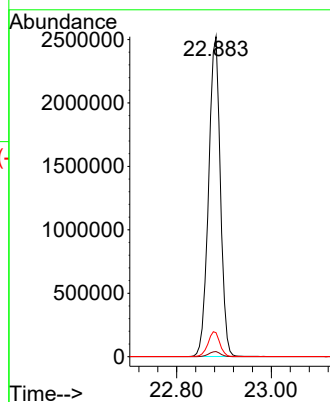
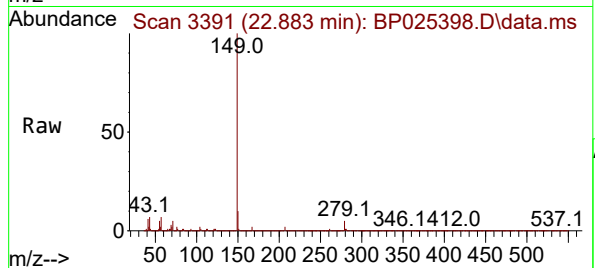




#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

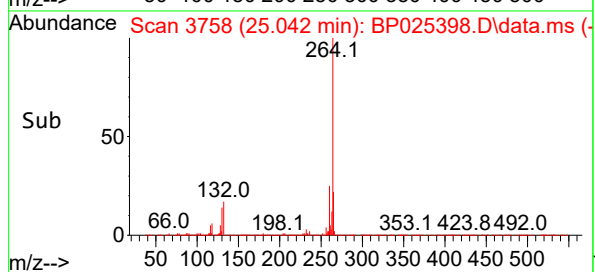
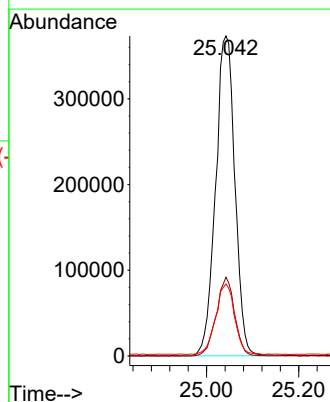
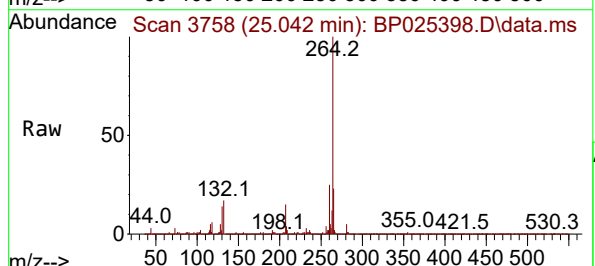
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

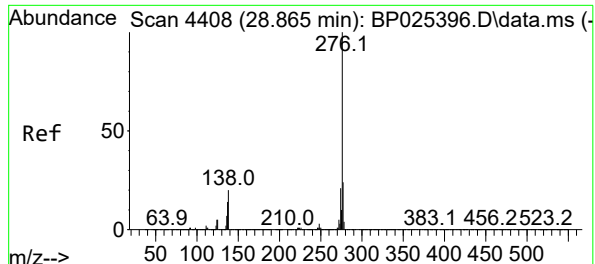
Tgt Ion:149 Resp: 4342211
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.5 17.4 26.0

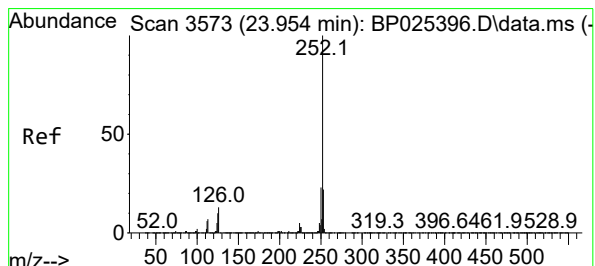
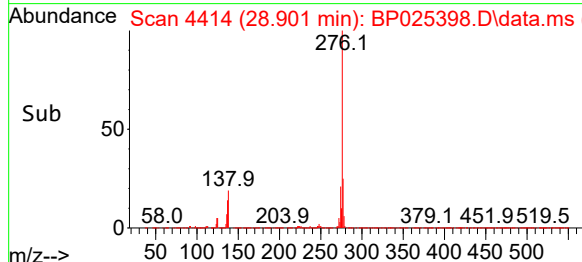
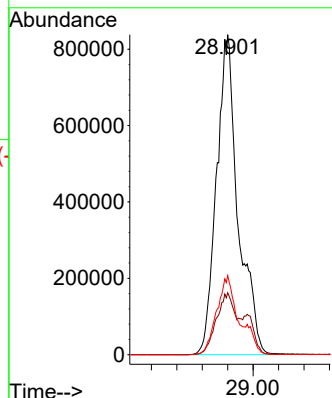
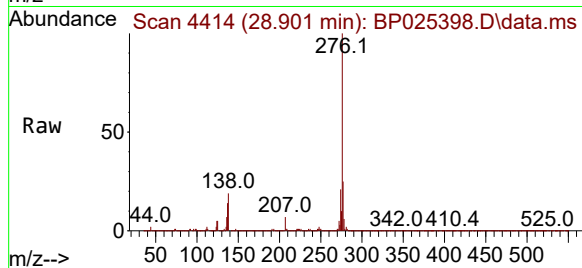




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 4408
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

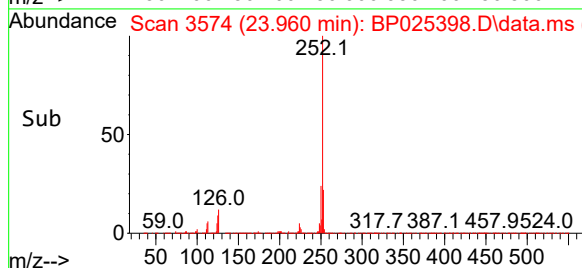
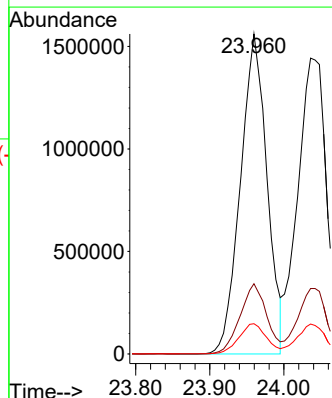
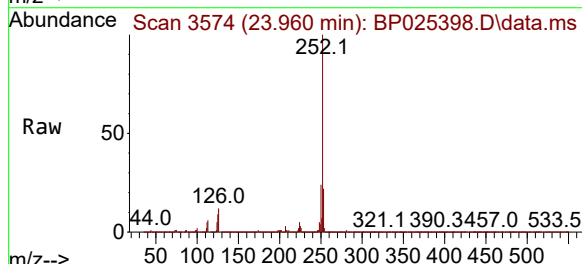
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

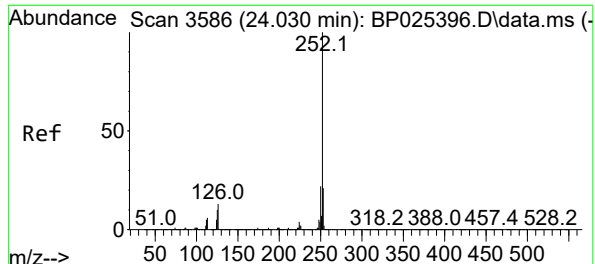
Tgt Ion:276 Resp: 4937235
Ion Ratio Lower Upper
276 100
138 18.5 12.9 19.3
277 22.4 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 61.334 ng

RT: 24.036 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

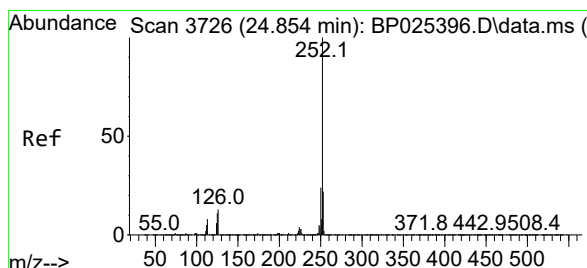
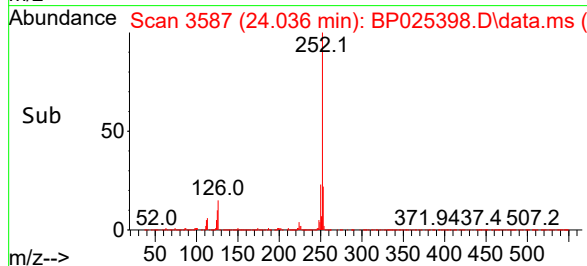
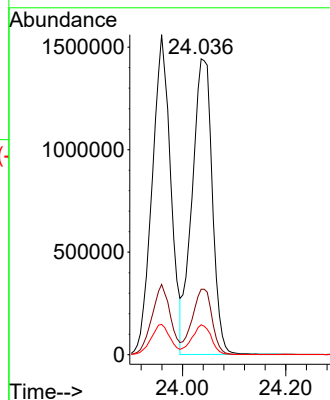
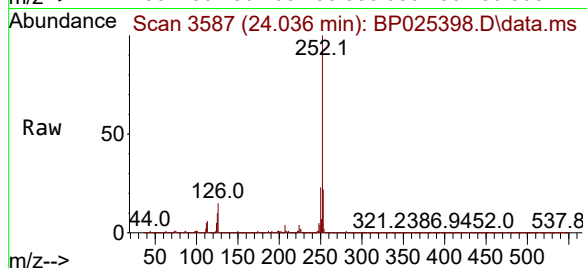
Tgt Ion:252 Resp: 3912900

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 61.959 ng

RT: 24.883 min Scan# 3731

Delta R.T. 0.030 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

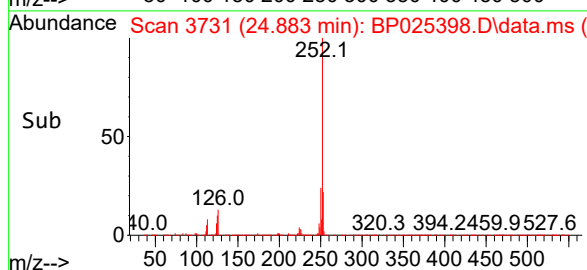
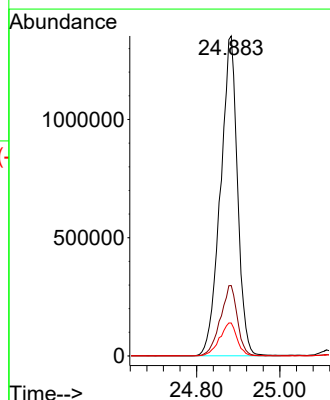
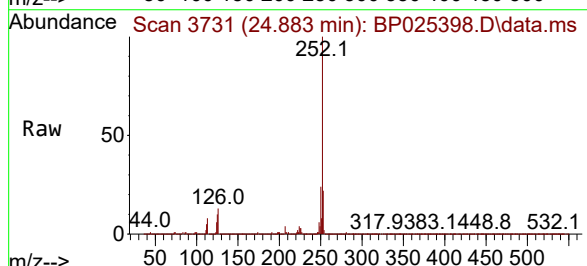
Tgt Ion:252 Resp: 3845093

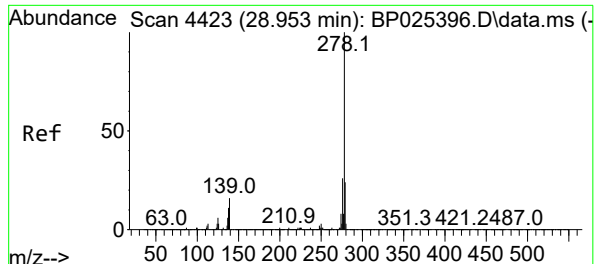
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.3 8.7 13.1

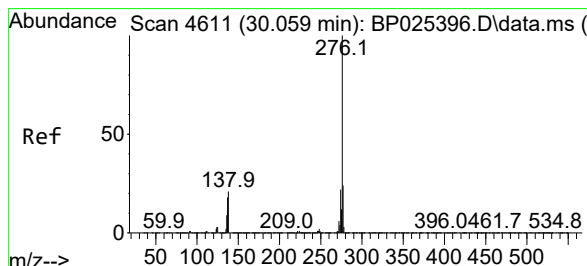
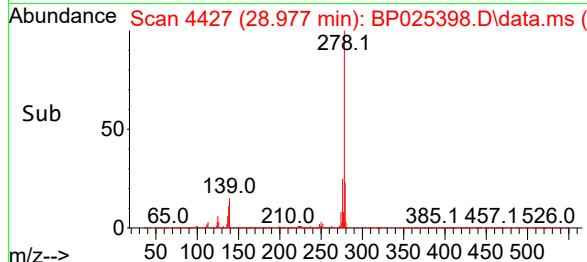
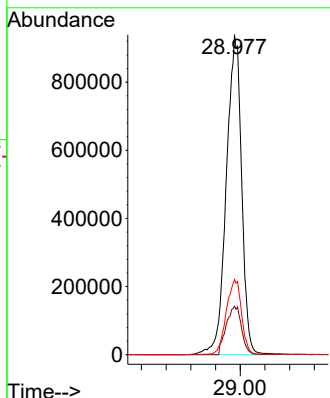
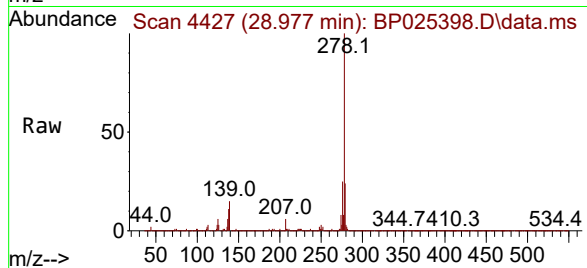




#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 4423
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

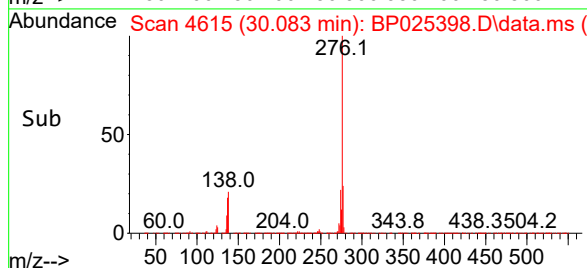
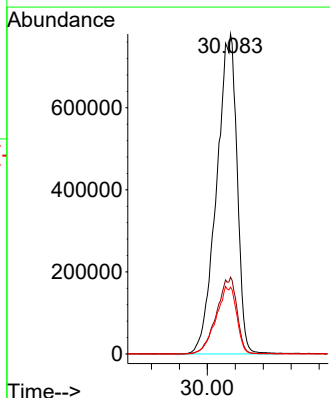
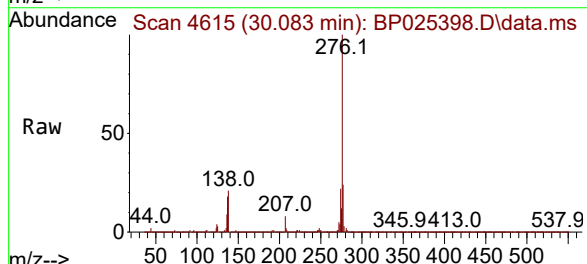
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 278 Resp: 4035414
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 276 Resp: 3958545
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 20.8 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

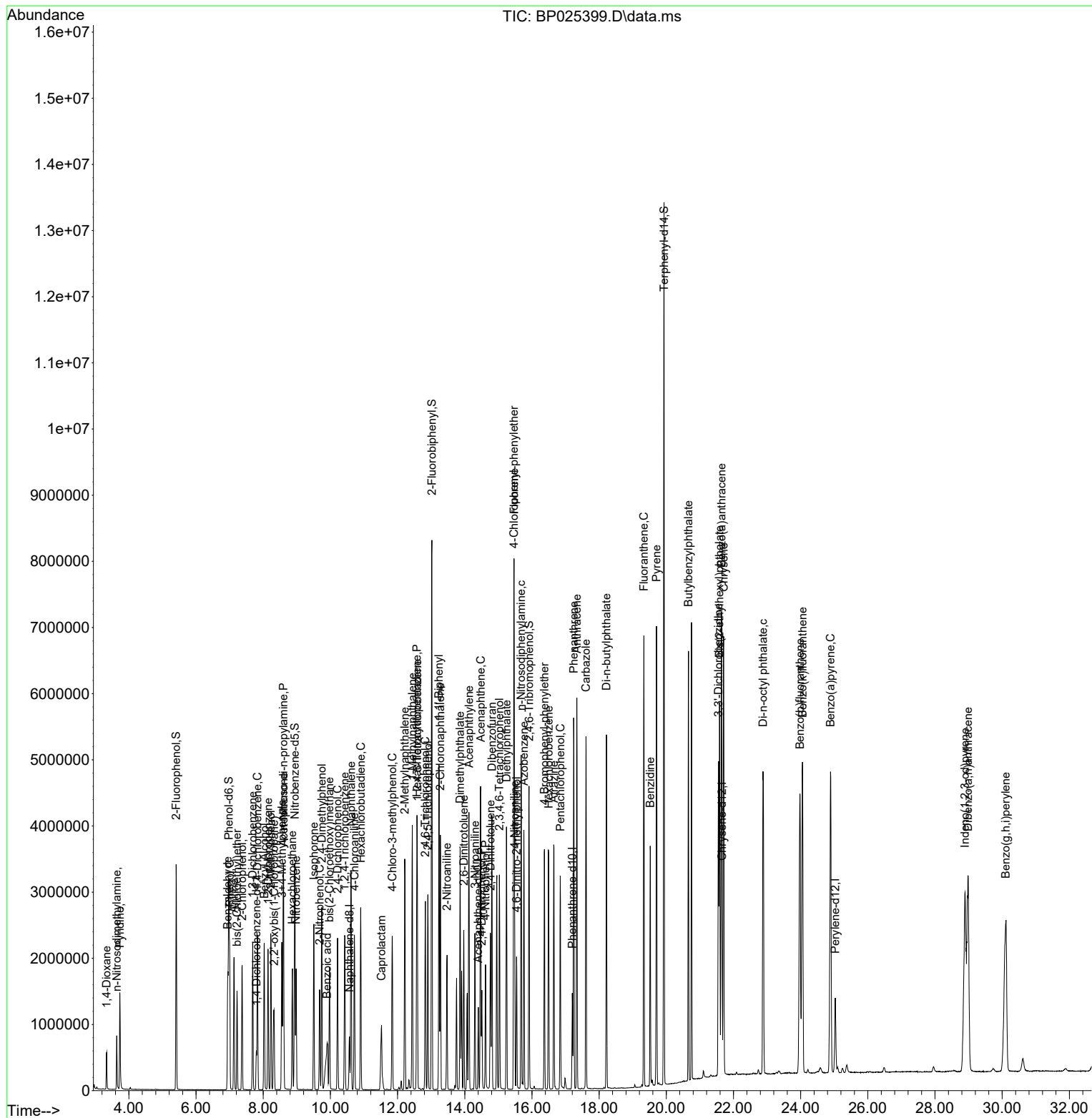
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 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

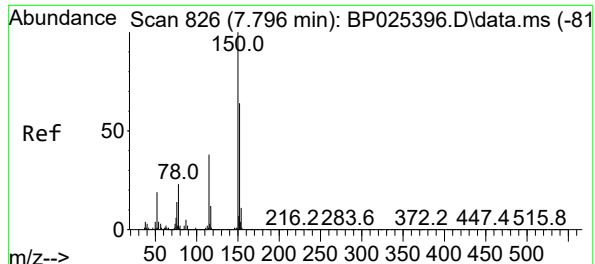
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 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

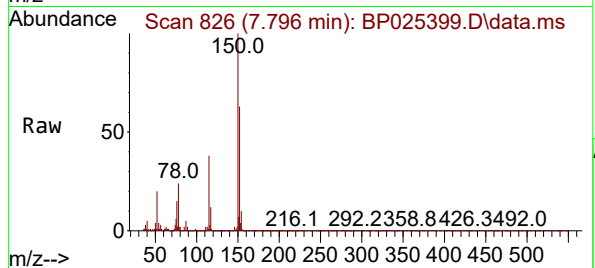
Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

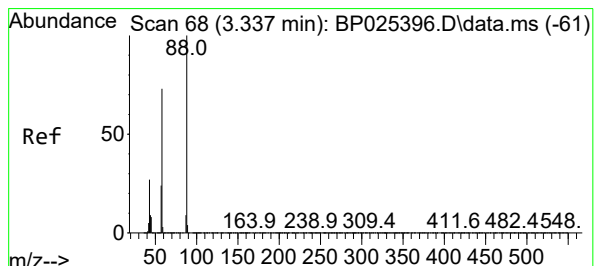
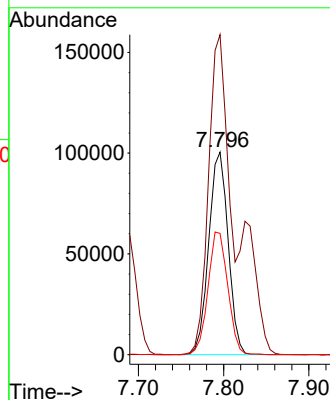
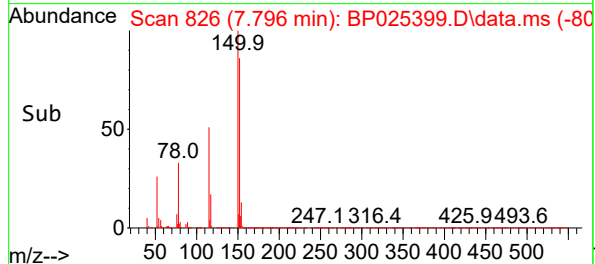
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 152 Resp: 15914
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 59.9 48.5 72.7

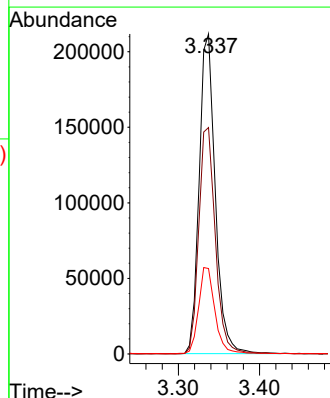
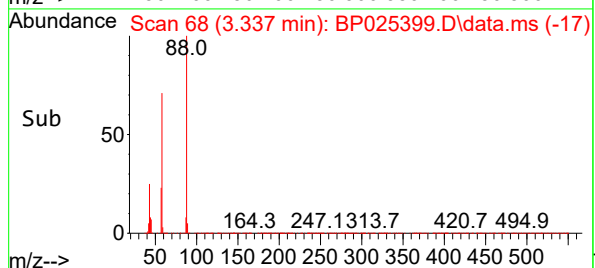
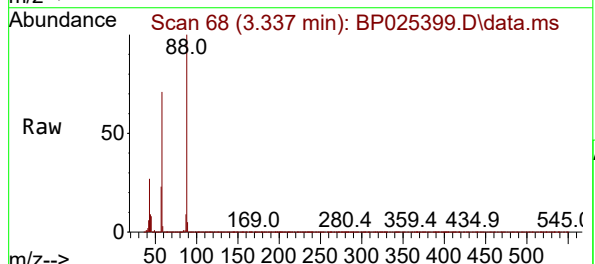
Manual Integrations
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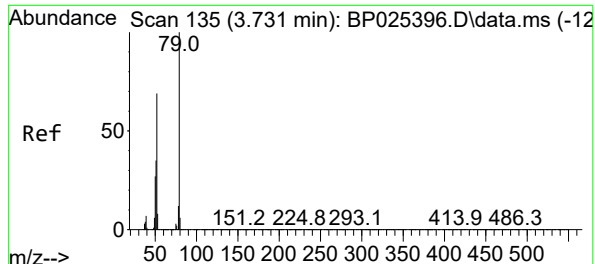
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

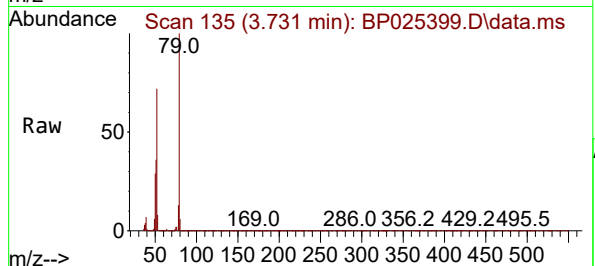
Tgt Ion: 88 Resp: 291527
Ion Ratio Lower Upper
88 100
58 73.3 59.2 88.8
43 27.4 21.7 32.5





#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

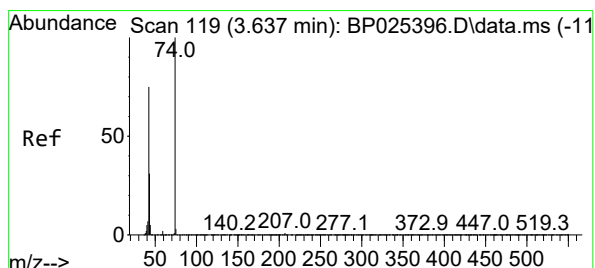
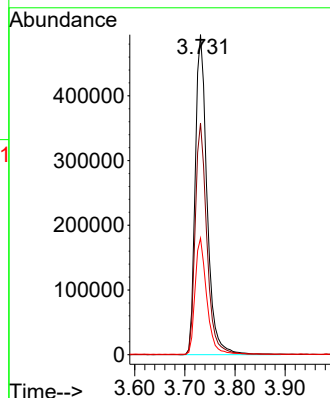
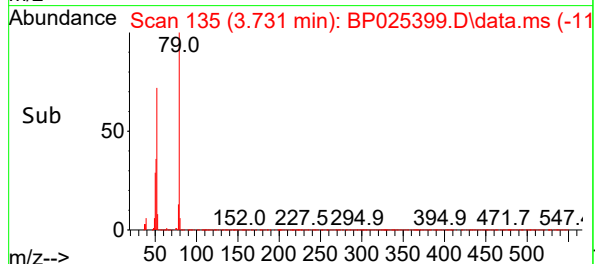
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 807269
Ion Ratio Lower Upper
79 100
52 72.4 55.5 83.3
51 36.4 28.3 42.5

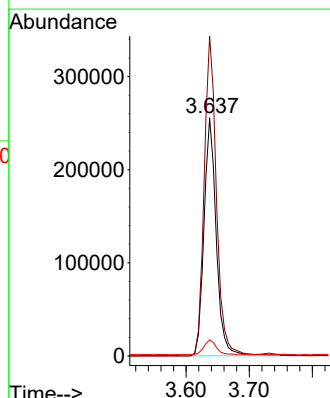
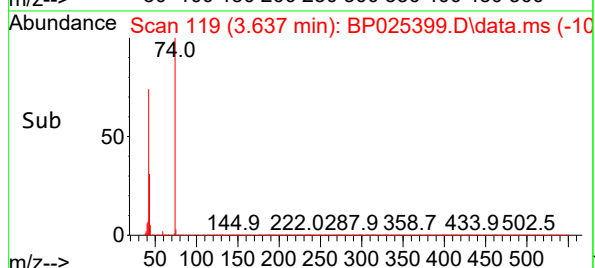
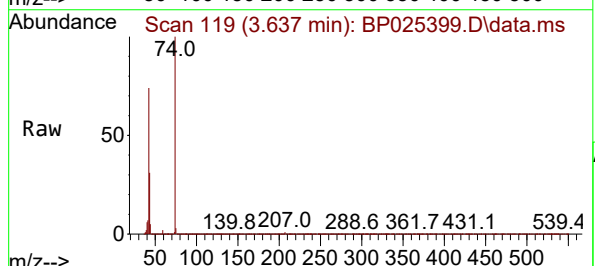
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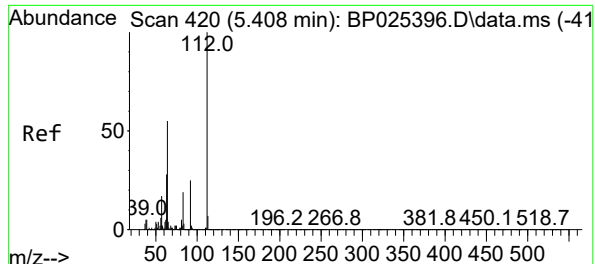
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

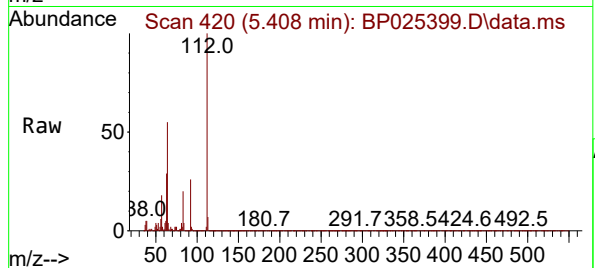
Tgt Ion: 42 Resp: 344349
Ion Ratio Lower Upper
42 100
74 134.3 107.0 160.4
44 6.7 6.2 9.4





#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

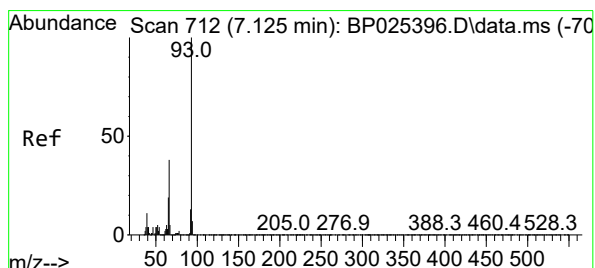
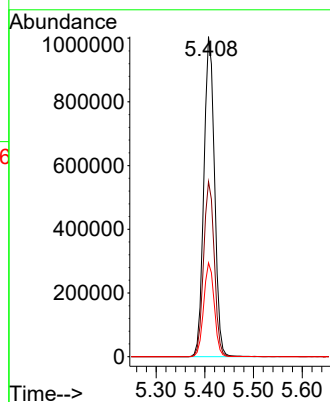
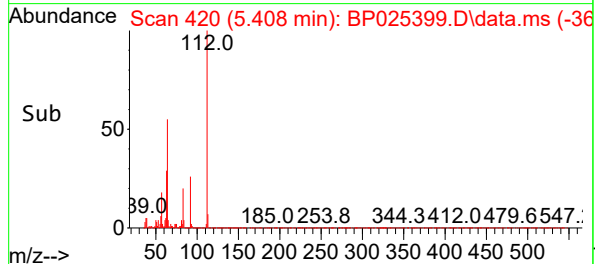
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 152616
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.8
63 29.3 22.7 34.1

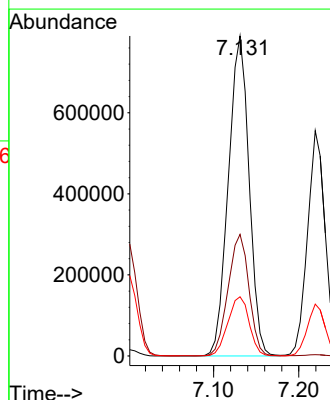
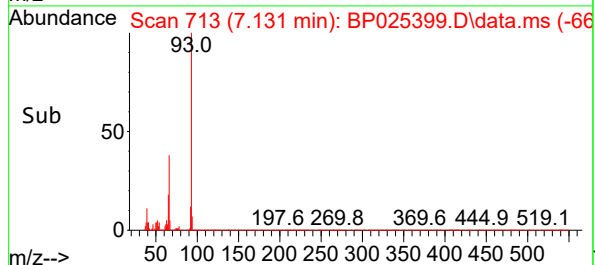
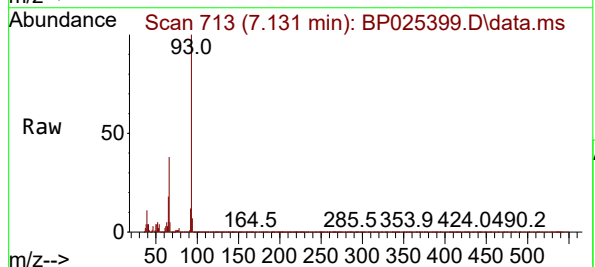
Manual Integrations
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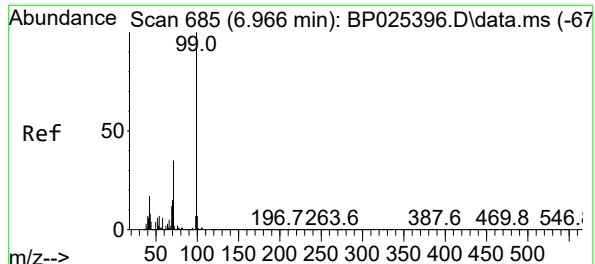
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

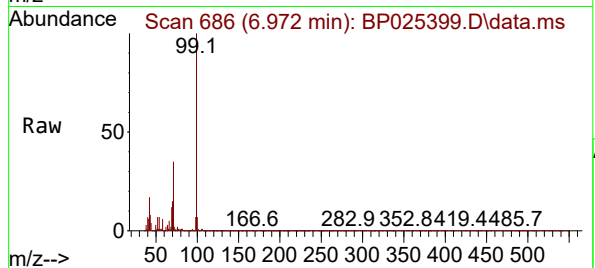
Tgt Ion: 93 Resp: 1333221
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.5 15.3 22.9





#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

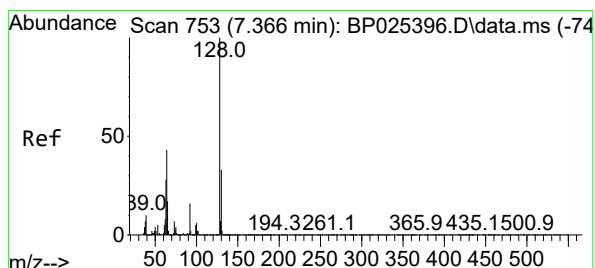
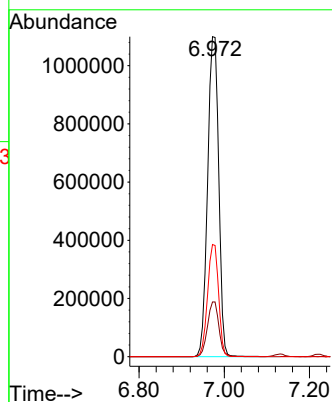
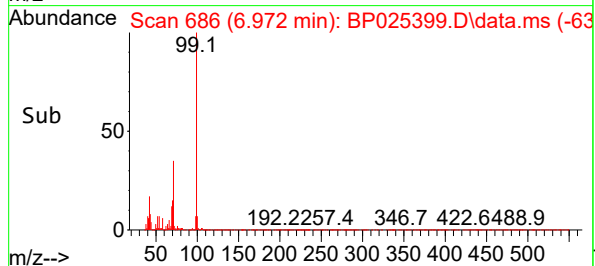
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 198963
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.1 28.2 42.4

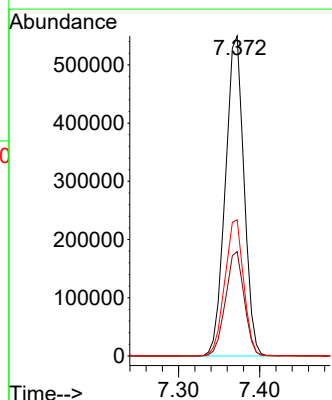
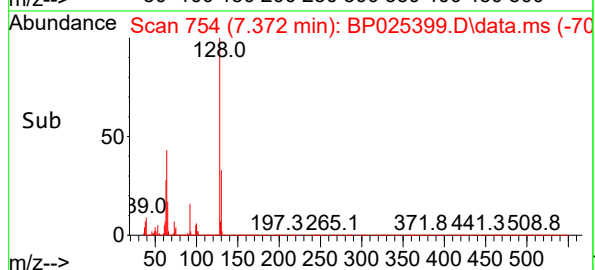
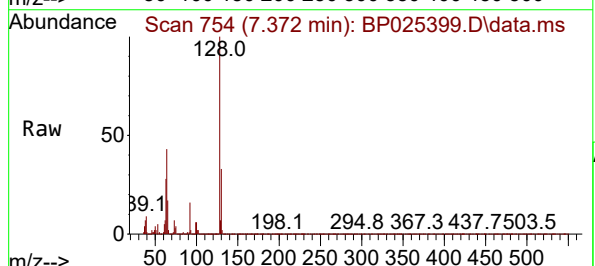
Manual Integrations
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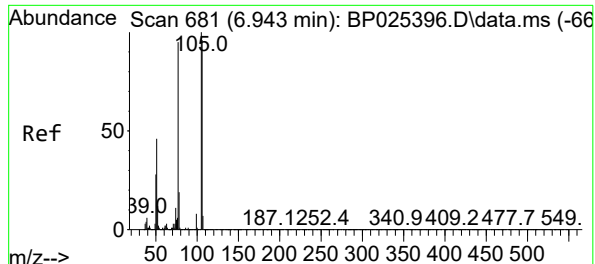
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

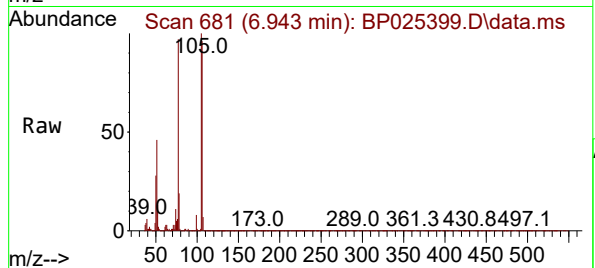
Tgt Ion:128 Resp: 877073
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 42.5 23.4 63.4





#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

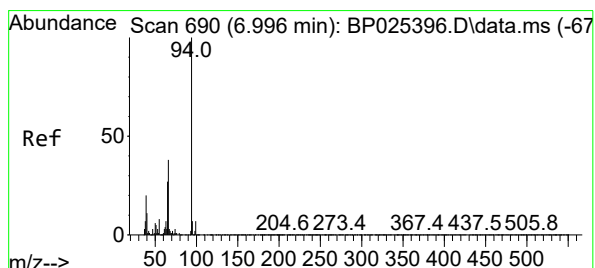
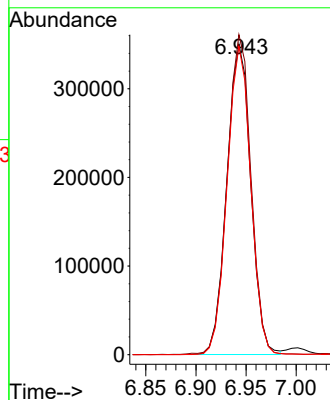
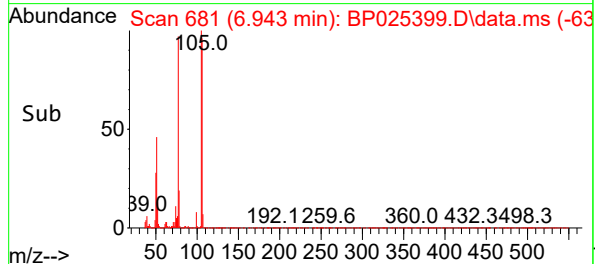
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 582344
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 99.3 80.5 120.5

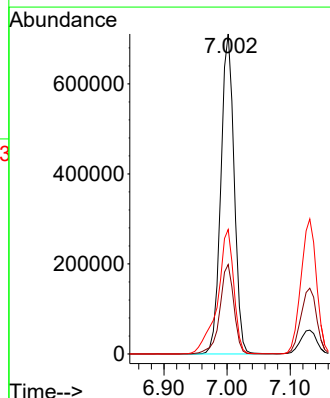
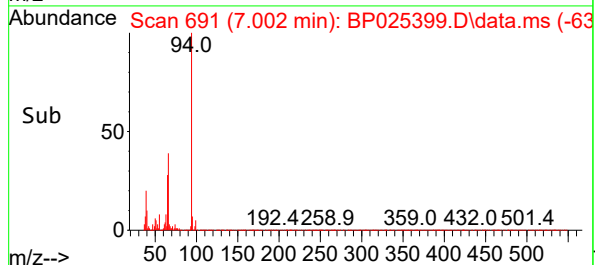
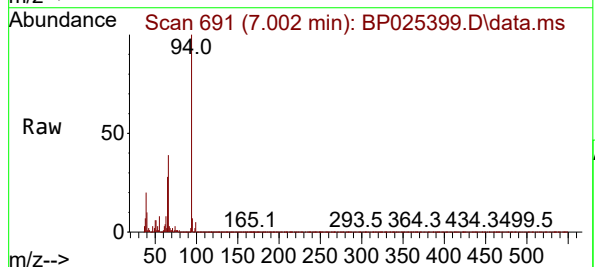
Manual Integrations
APPROVED

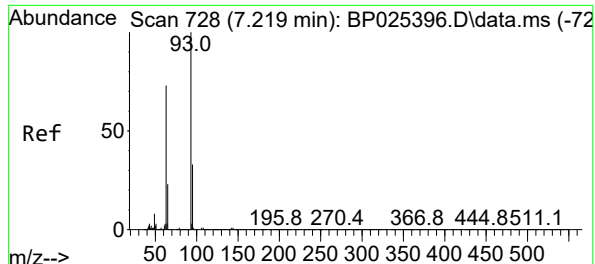
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

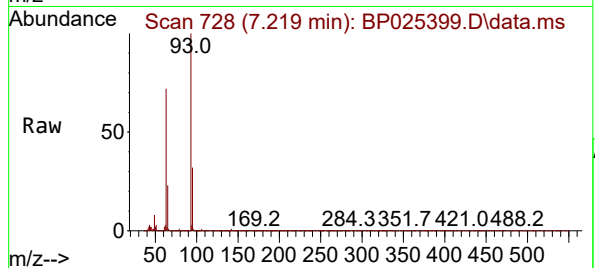
Tgt Ion: 94 Resp: 1040534
Ion Ratio Lower Upper
94 100
65 28.0 6.8 46.8
66 38.9 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

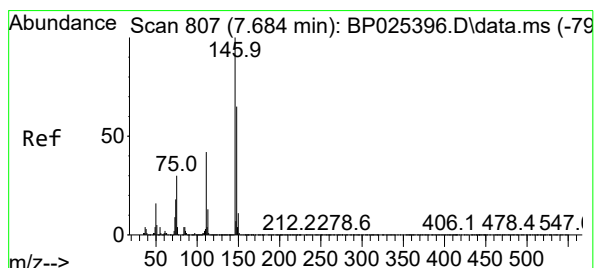
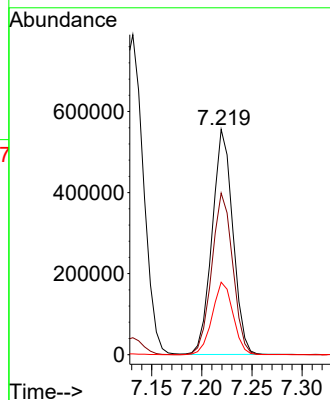
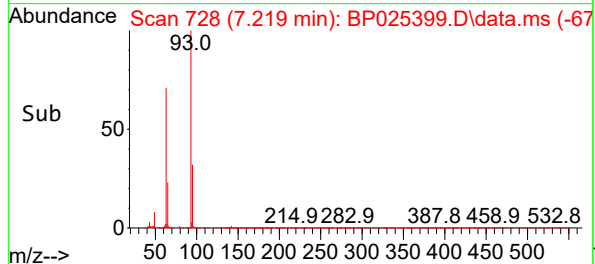
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BNA_P
ClientSampleId :
SSTDICC080



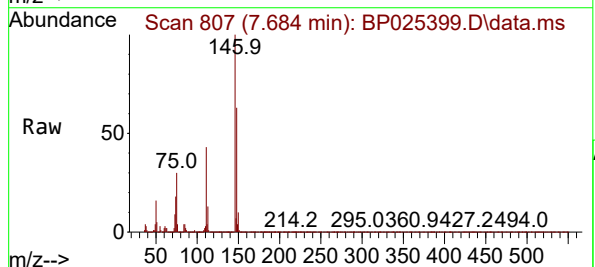
Tgt Ion: 93 Resp: 798672
Ion Ratio Lower Upper
93 100
63 71.7 52.6 92.6
95 32.2 12.7 52.7

Manual Integrations
APPROVED

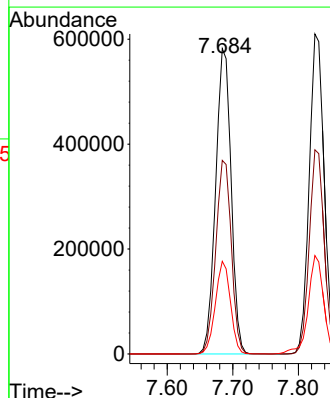
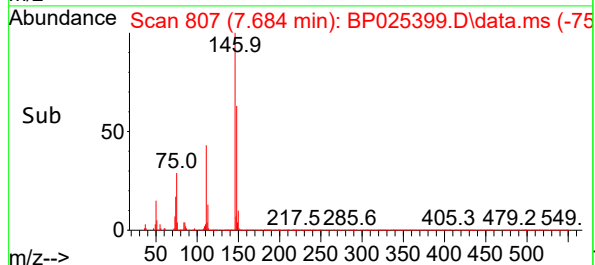
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

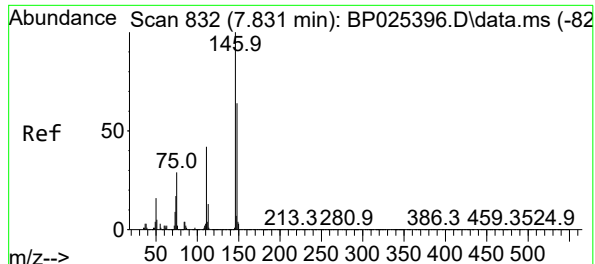


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion:146 Resp: 950596
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 30.3 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 78.882 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 96142

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

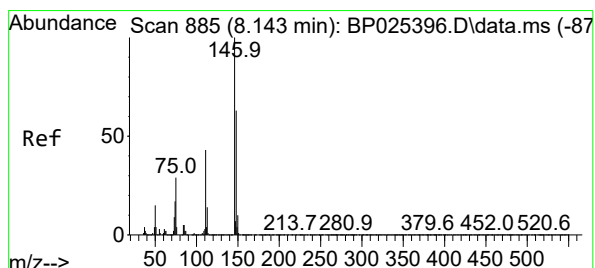
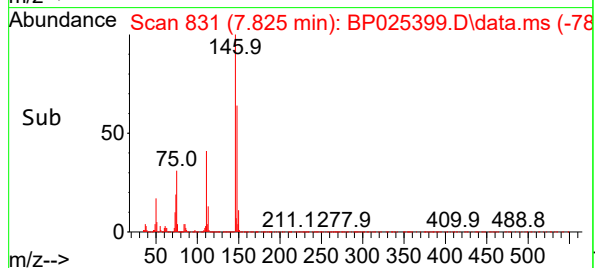
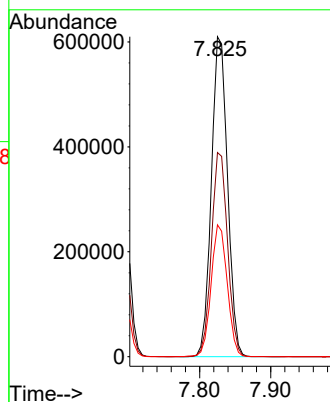
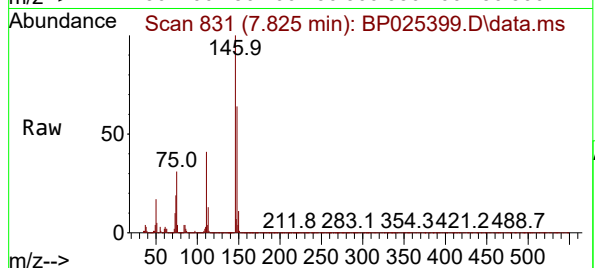
111 41.2 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 78.203 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

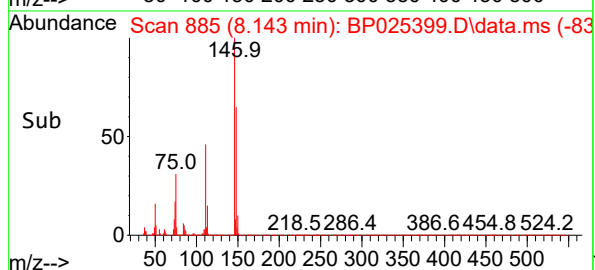
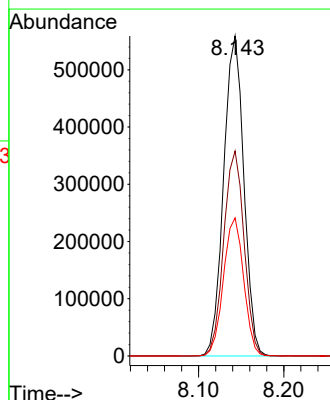
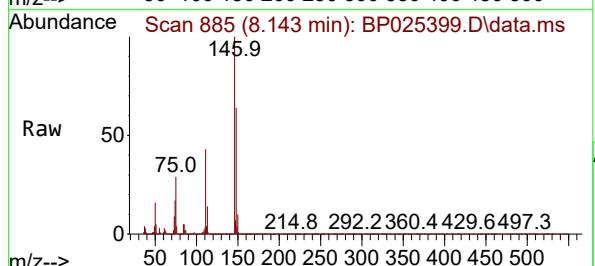
Tgt Ion:146 Resp: 922658

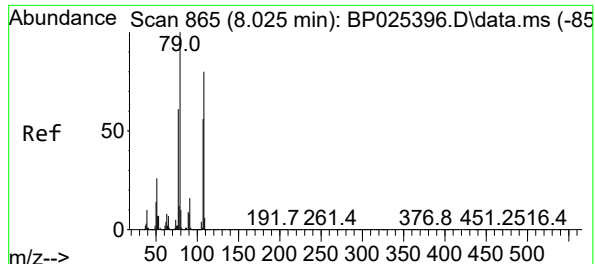
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 81.498 ng

RT: 8.031 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 795618

Ion Ratio Lower Upper

79 100

108 78.3 63.8 95.6

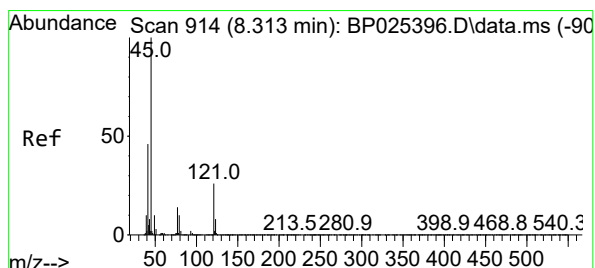
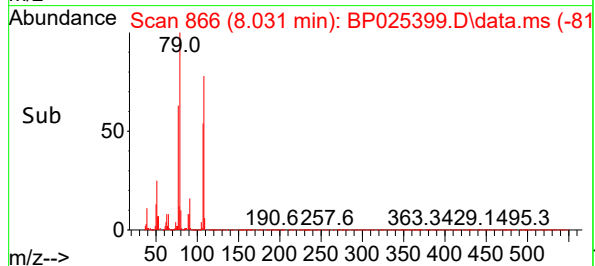
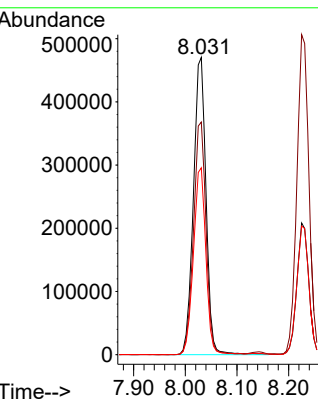
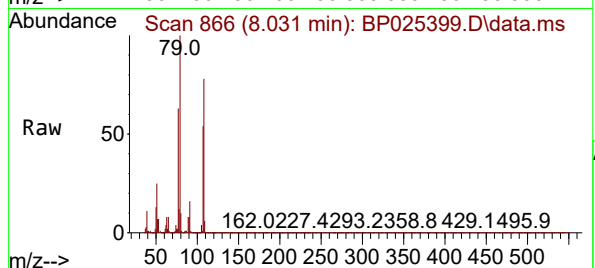
77 62.8 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.732 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

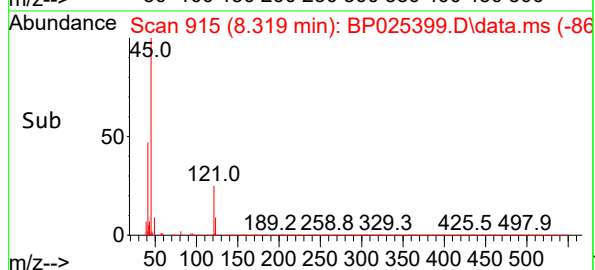
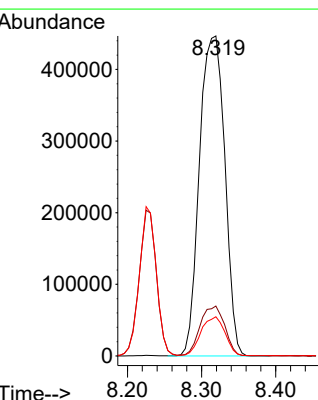
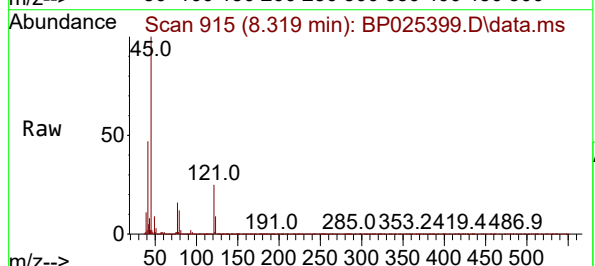
Tgt Ion: 45 Resp: 1059824

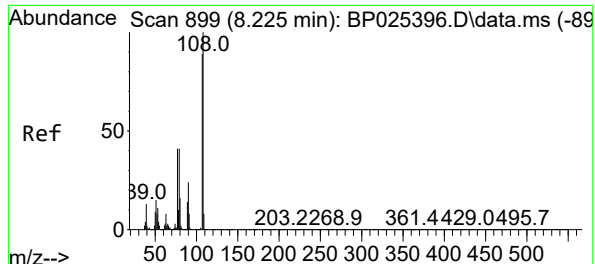
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.2 0.0 31.8





#17

2-Methylphenol

Concen: 82.028 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 73448

Ion Ratio Lower Upper

107 100

108 111.5 89.4 134.0

77 44.8 36.3 54.5

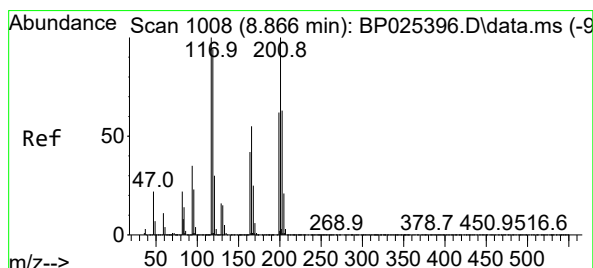
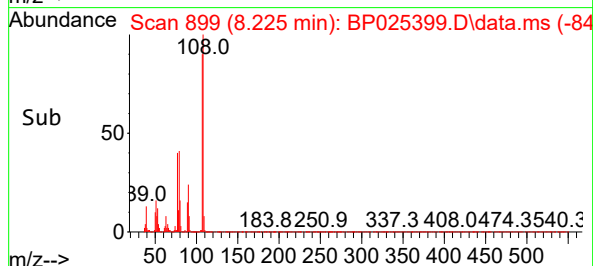
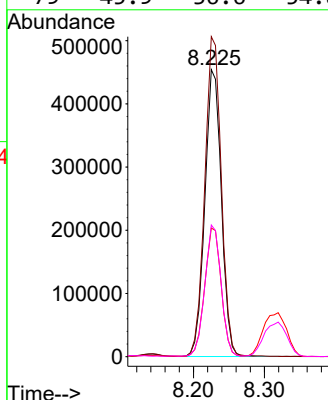
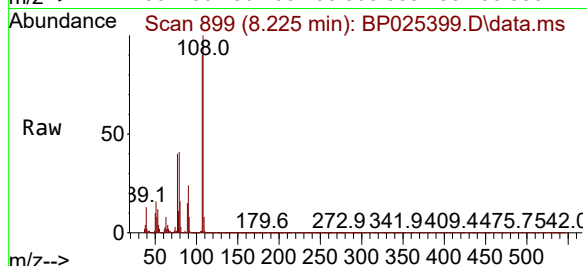
79 45.9 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 79.395 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

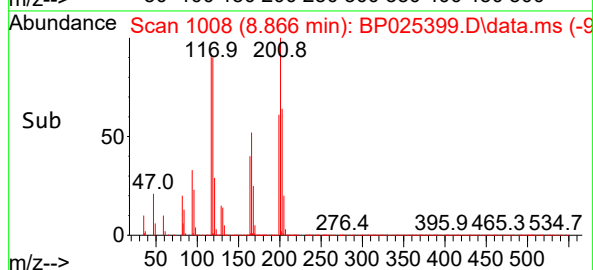
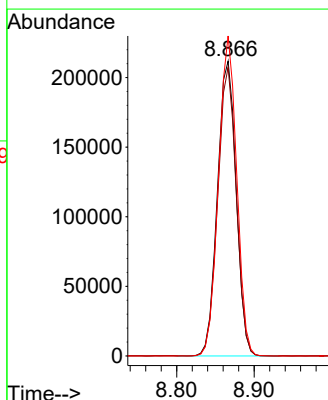
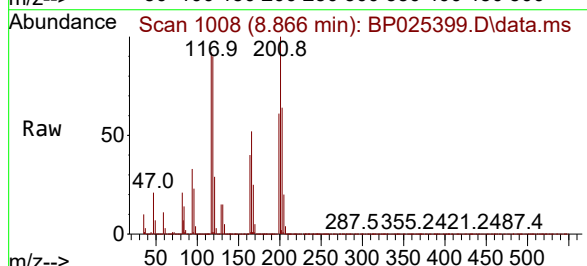
Tgt Ion:117 Resp: 355791

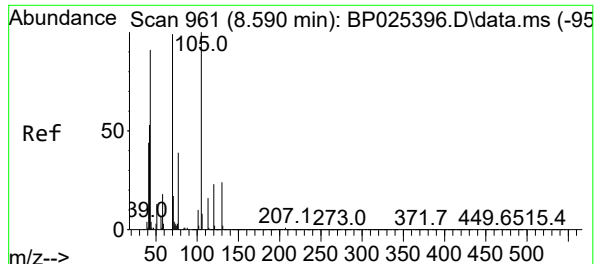
Ion Ratio Lower Upper

117 100

119 97.9 75.1 112.7

201 108.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 78.102 ng

RT: 8.596 min Scan# 961

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 63638

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.0 8.5 12.7

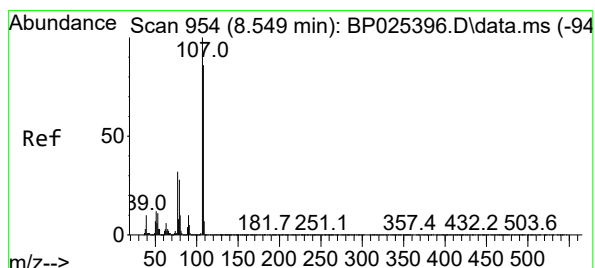
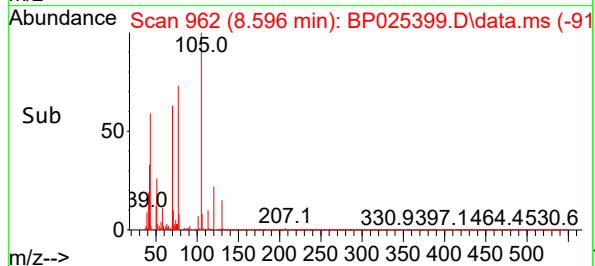
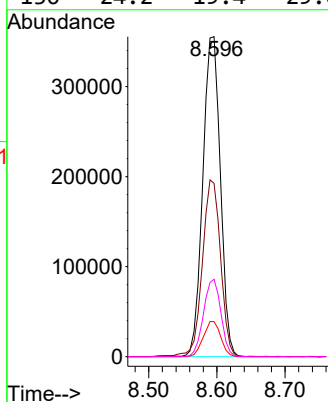
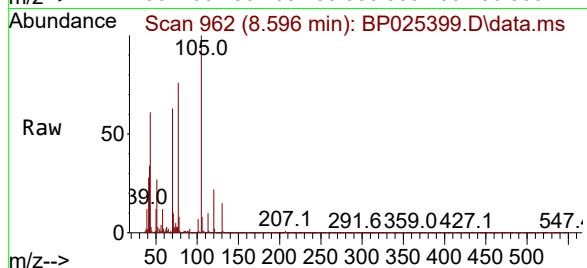
130 24.2 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 81.023 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 1005632

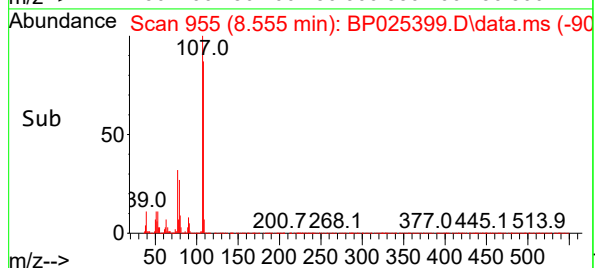
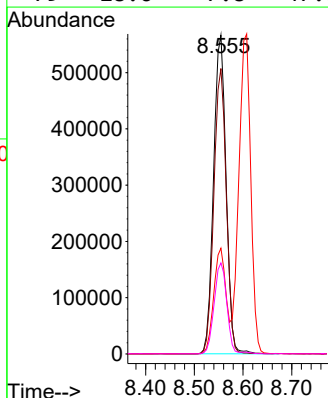
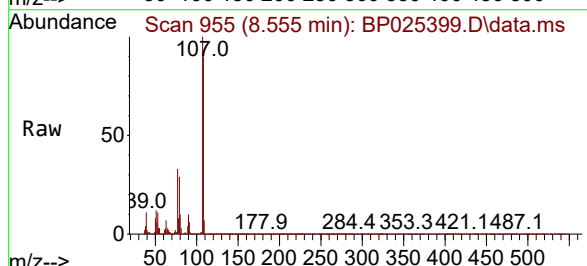
Ion Ratio Lower Upper

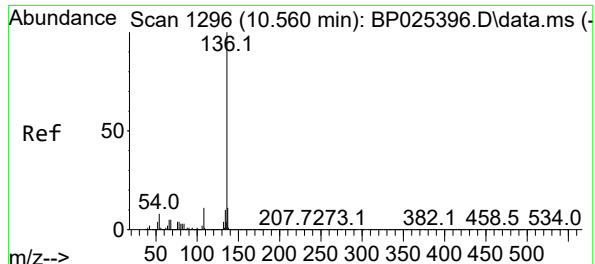
107 100

108 89.6 66.3 106.3

77 33.2 12.3 52.3

79 28.6 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 673018

Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.8 6.0 9.0

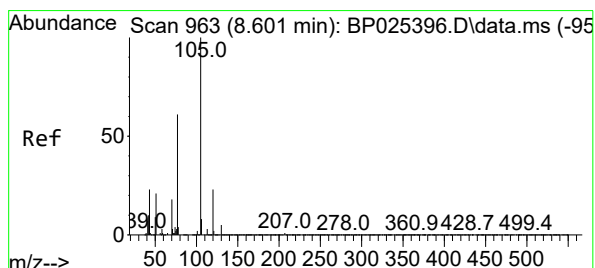
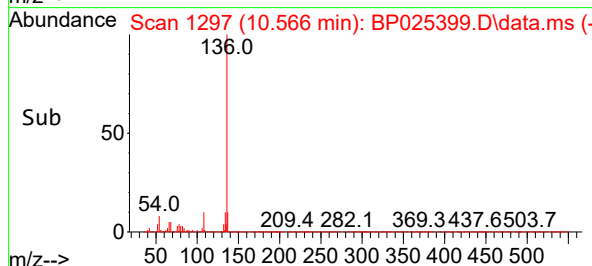
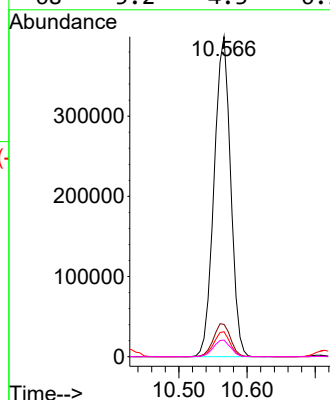
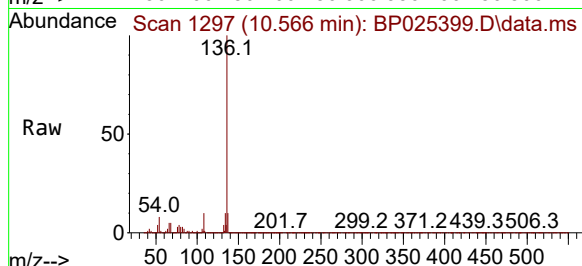
68 5.2 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 77.886 ng

RT: 8.607 min Scan# 964

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

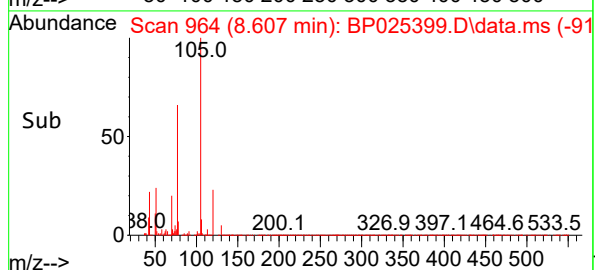
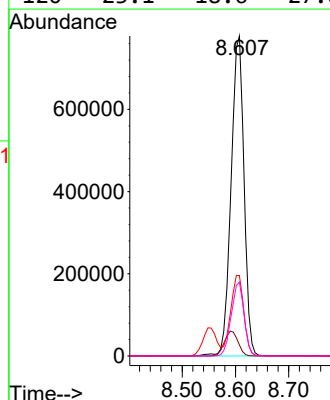
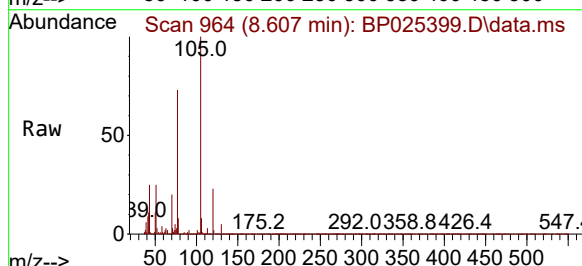
Ion Ratio Lower Upper

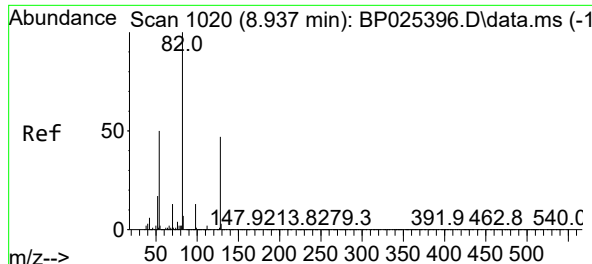
105 100

71 3.4 2.6 4.0

51 25.1 20.6 30.8

120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 159.609 ng

RT: 8.937 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 212352

Ion Ratio Lower Upper

82 100

128 46.0 37.7 56.5

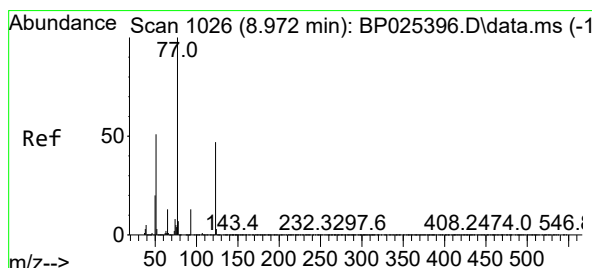
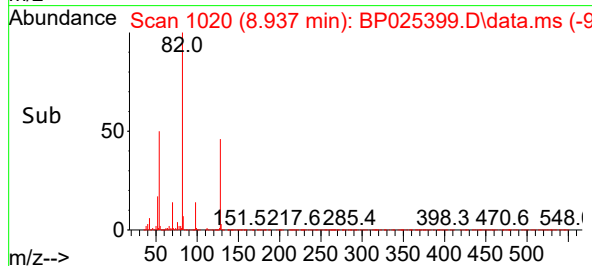
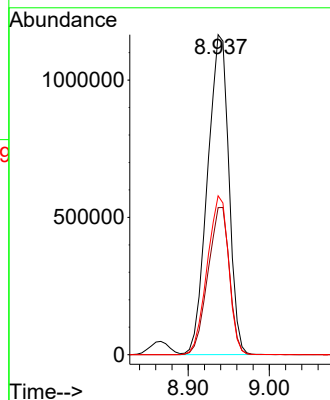
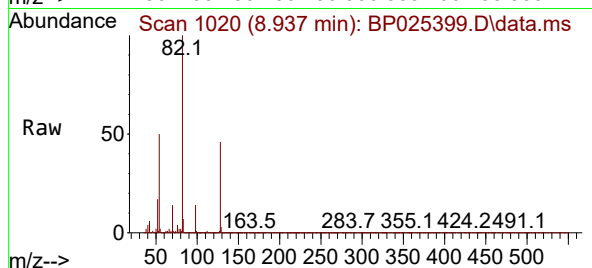
54 49.7 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 79.686 ng

RT: 8.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

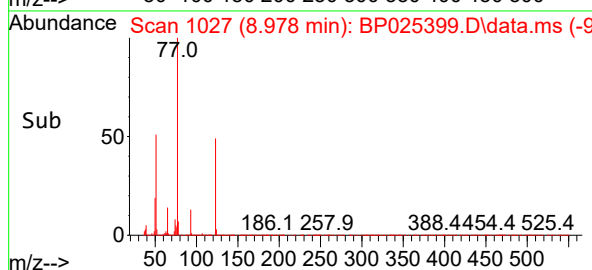
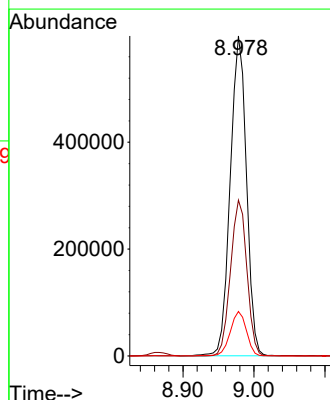
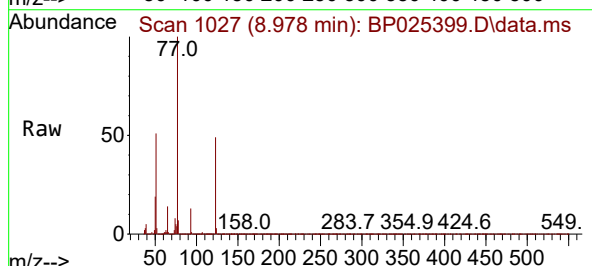
Tgt Ion: 77 Resp: 947511

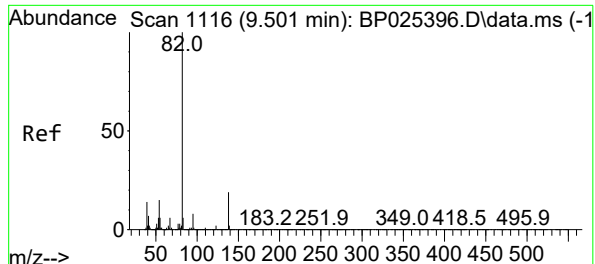
Ion Ratio Lower Upper

77 100

123 48.7 38.6 58.0

65 13.9 10.6 15.8





#25

Isophorone

Concen: 77.708 ng

RT: 9.507 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BP025399.D

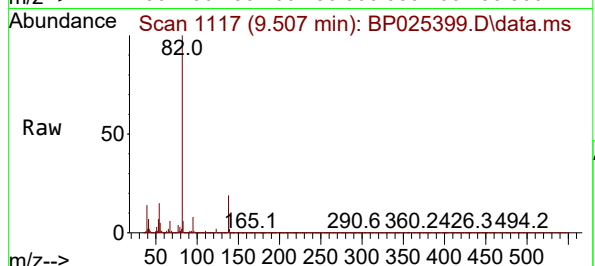
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 82 Resp: 182967

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

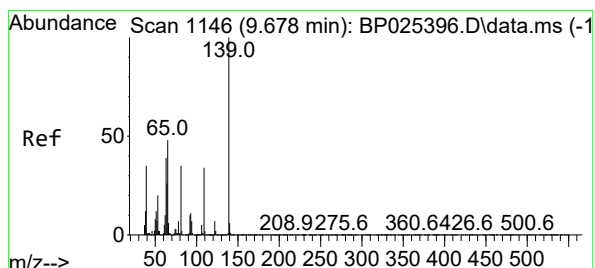
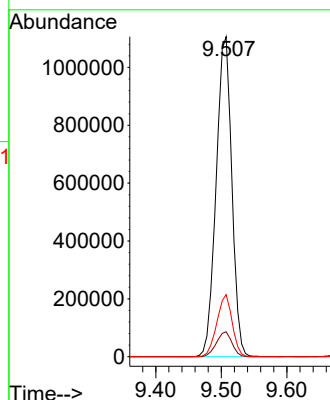
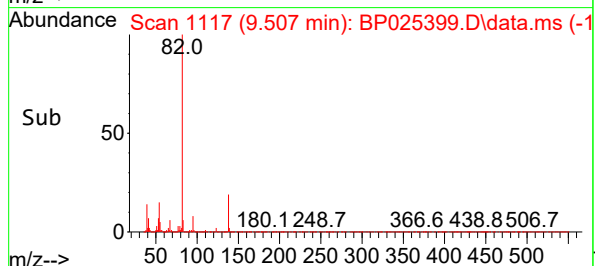
138 19.4 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 83.872 ng

RT: 9.678 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

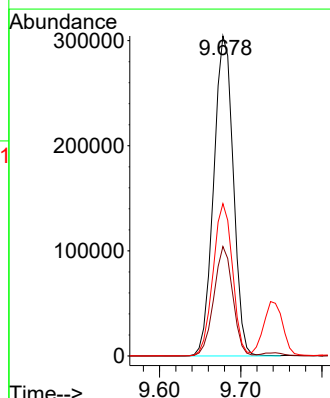
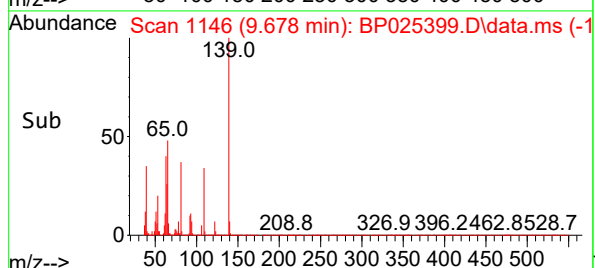
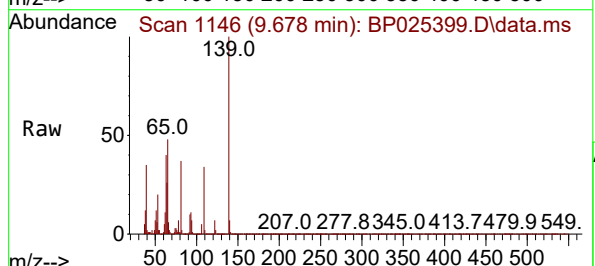
Tgt Ion:139 Resp: 511806

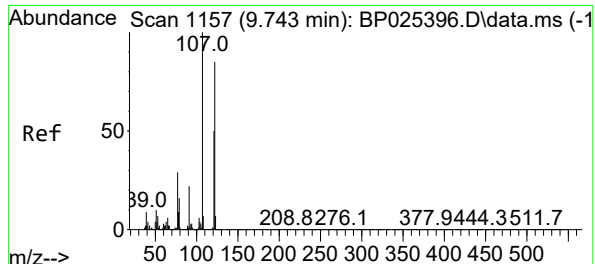
Ion Ratio Lower Upper

139 100

109 34.2 26.9 40.3

65 47.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 80.280 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025399.D

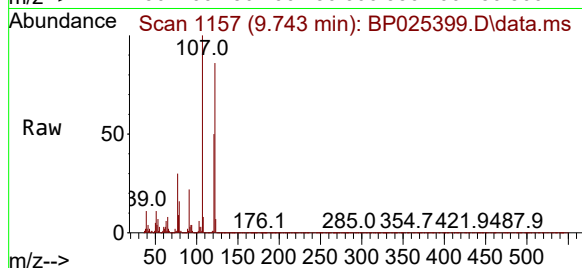
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



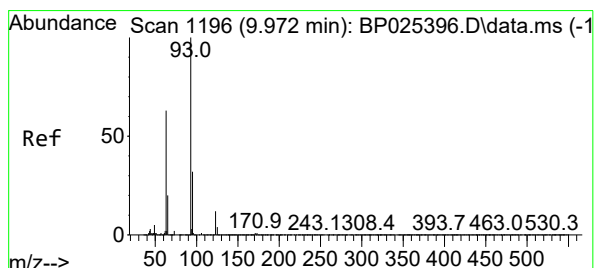
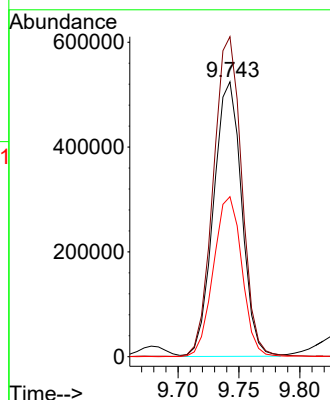
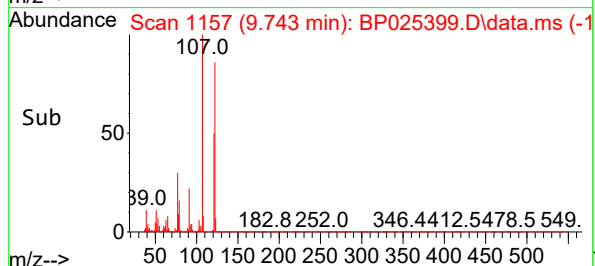
Tgt Ion:	122	Resp:	84246
Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

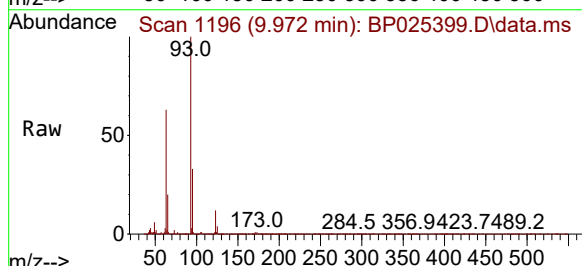
Concen: 77.542 ng

RT: 9.972 min Scan# 1196

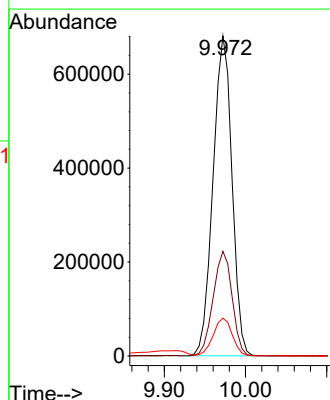
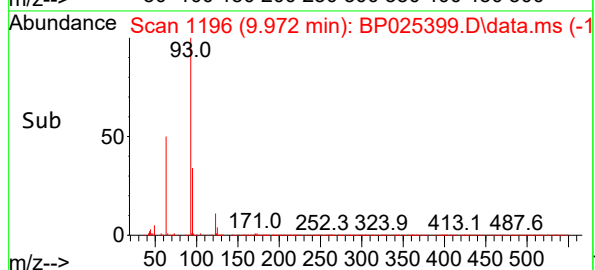
Delta R.T. 0.000 min

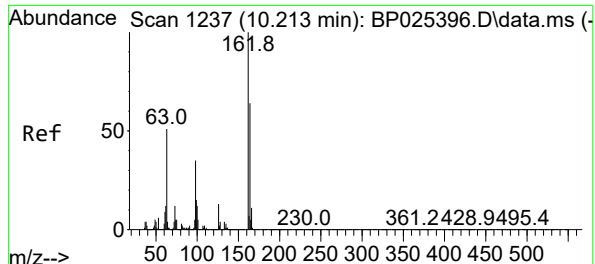
Lab File: BP025399.D

Acq: 14 Aug 2025 17:24



Tgt Ion:	93	Resp:	1103640
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 81.037 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 84478

Ion Ratio Lower Upper

162 100

164 64.6 44.4 84.4

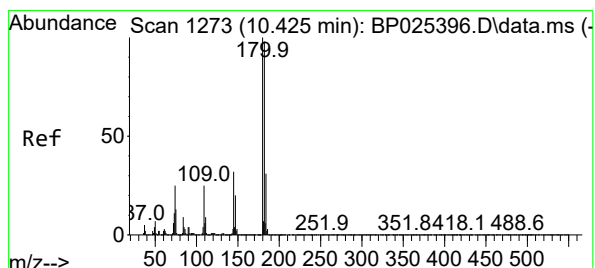
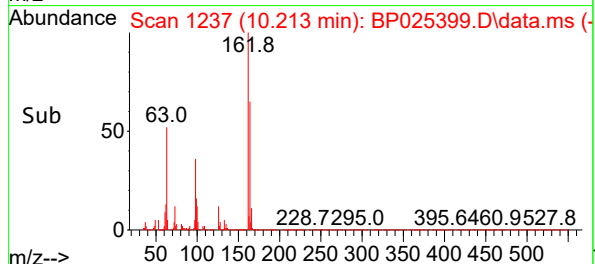
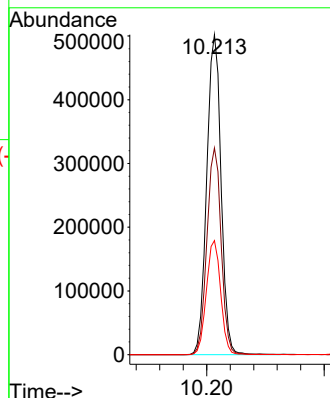
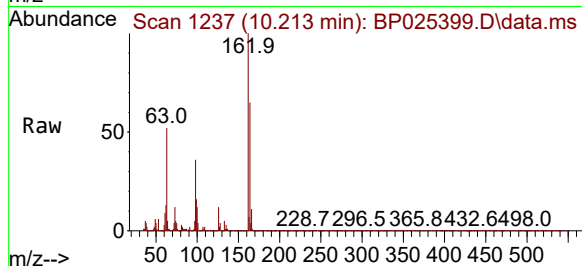
98 35.6 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 78.123 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

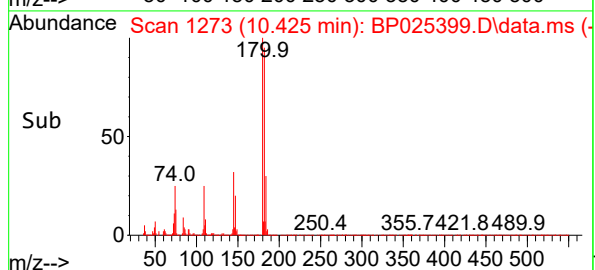
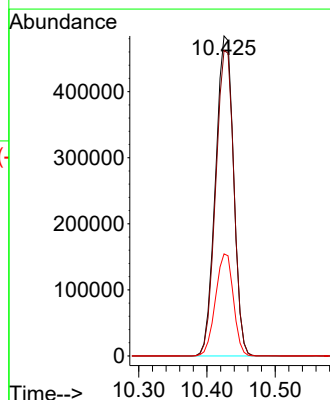
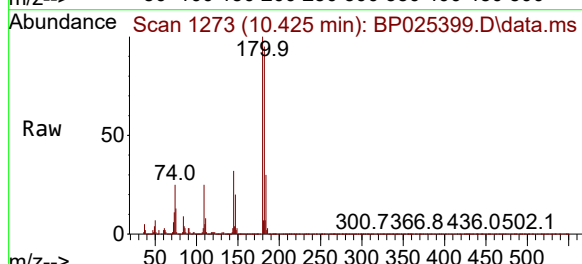
Tgt Ion:180 Resp: 892771

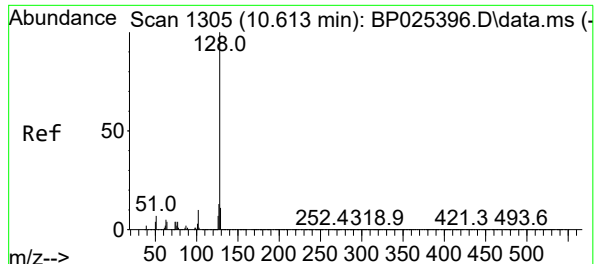
Ion Ratio Lower Upper

180 100

182 95.4 78.0 117.0

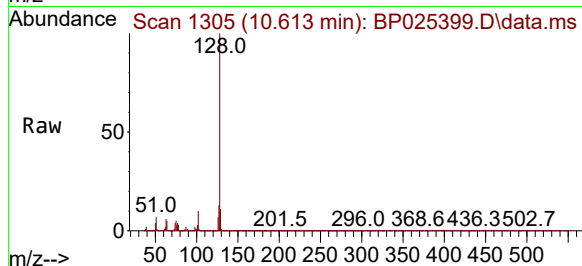
145 31.9 25.9 38.9





#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

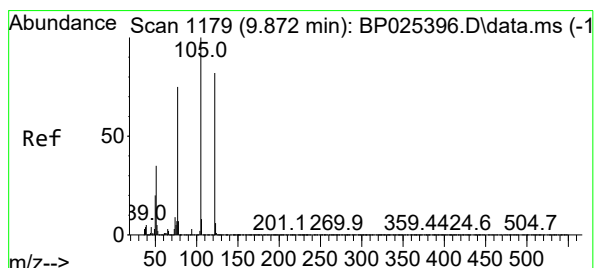
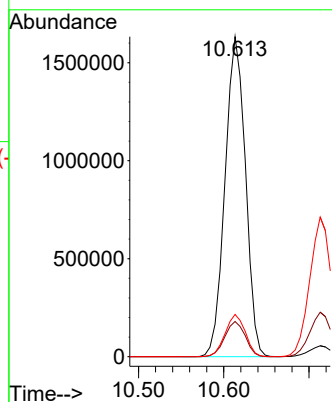
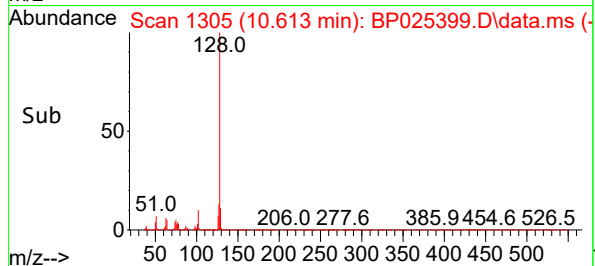
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 272270
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.7 16.1

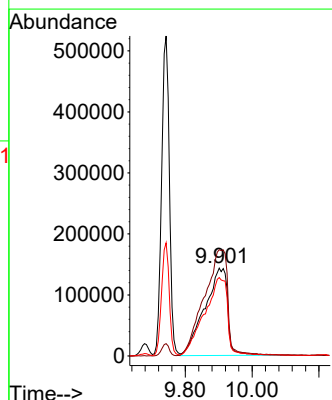
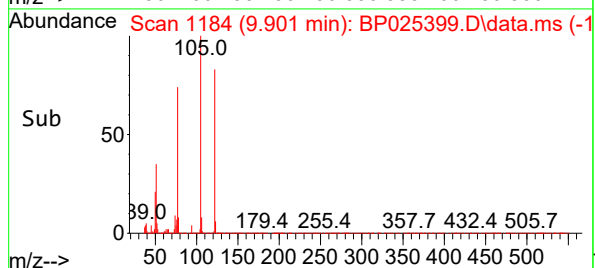
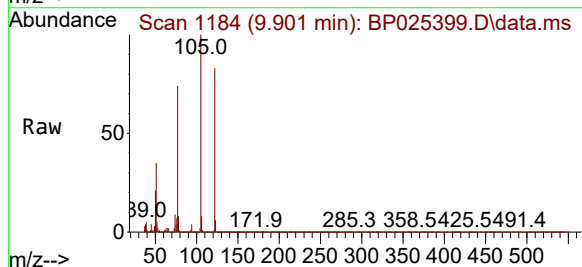
Manual Integrations
APPROVED

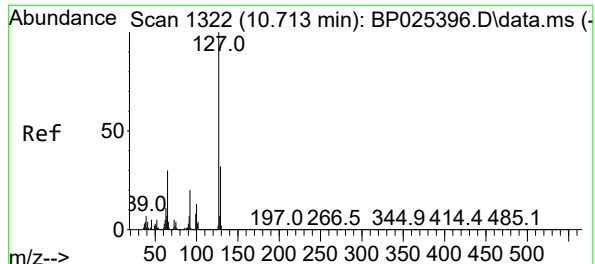
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

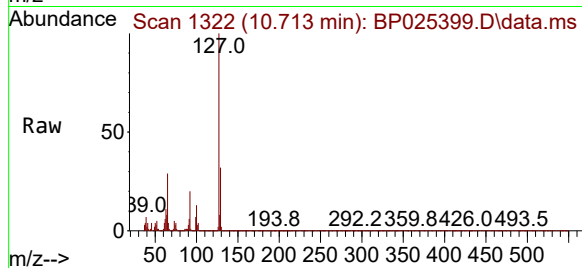
Tgt Ion:122 Resp: 686791
Ion Ratio Lower Upper
122 100
105 121.0 100.6 140.6
77 89.3 71.5 111.5





#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

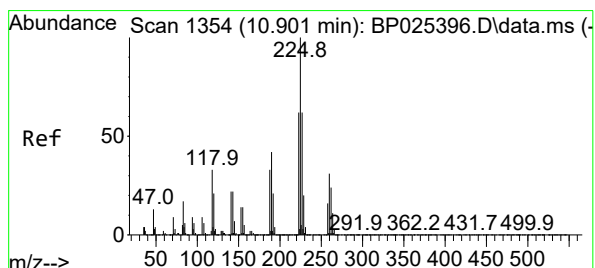
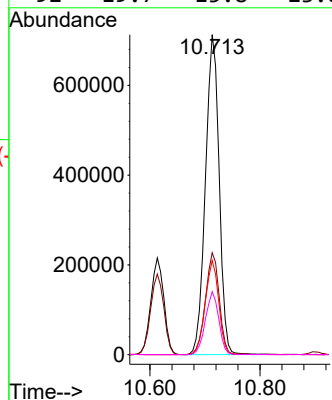
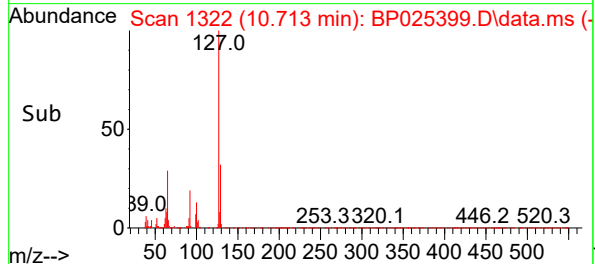
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 123243
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 29.4 23.8 35.6
92 19.7 15.8 23.8

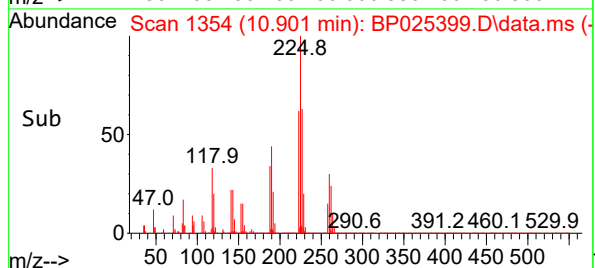
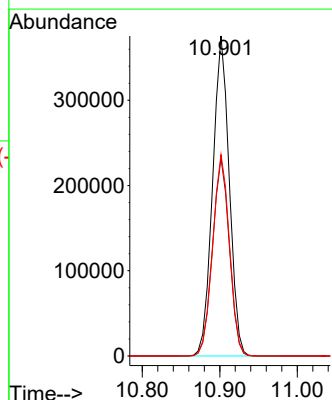
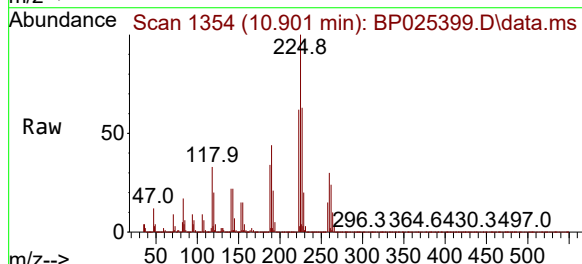
Manual Integrations
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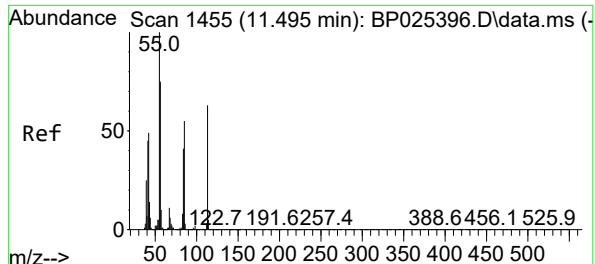
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

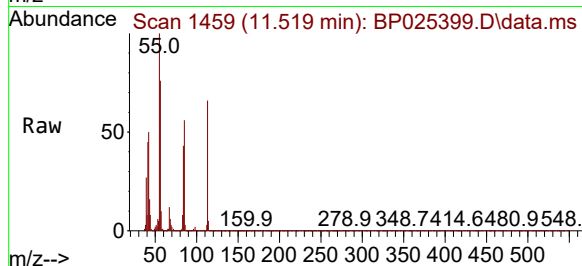
Tgt Ion:225 Resp: 557922
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 62.9 49.7 74.5





#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 1455
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

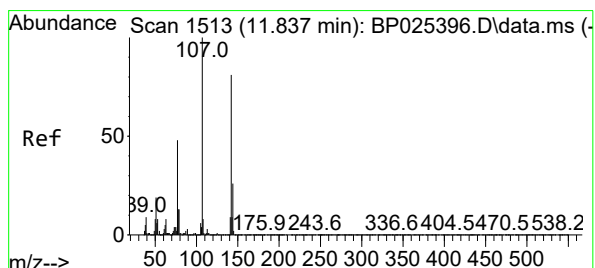
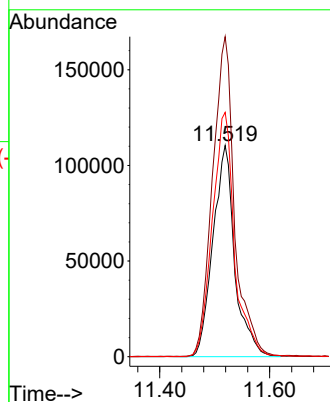
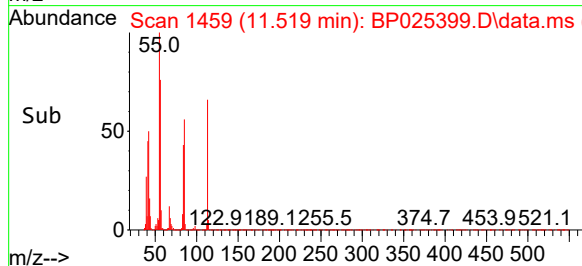
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 302874
Ion Ratio Lower Upper
113 100
55 151.5 140.0 180.0
56 115.6 100.0 140.0

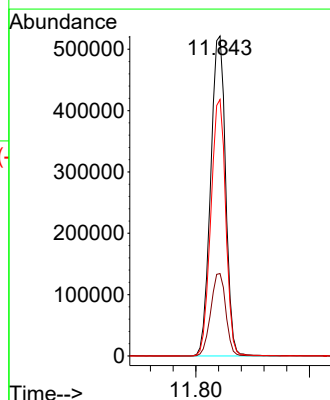
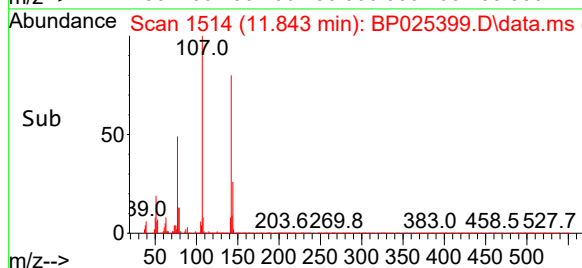
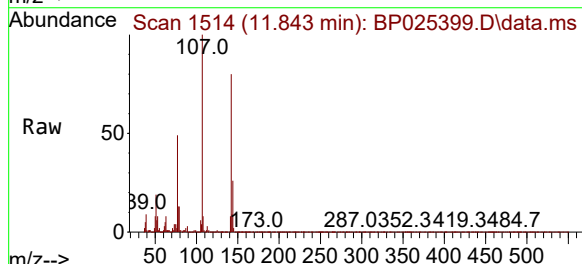
Manual Integrations
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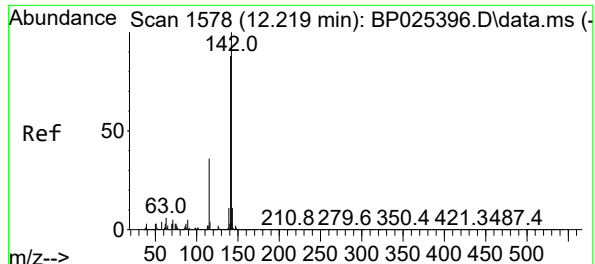
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

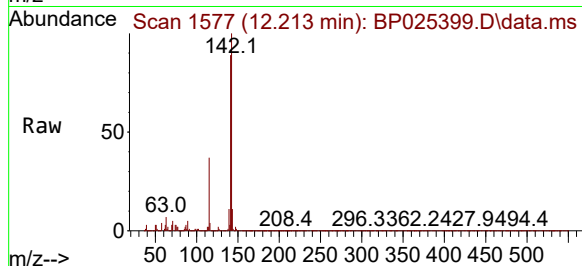
Tgt Ion:107 Resp: 949779
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 80.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

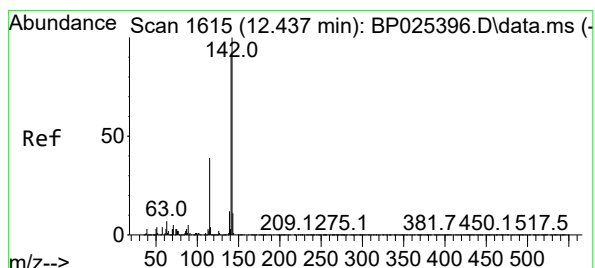
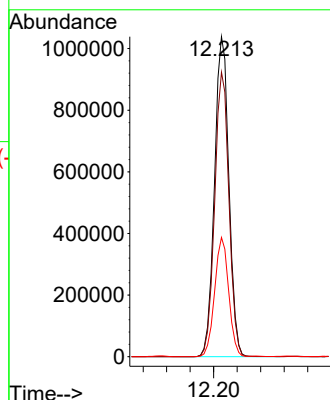
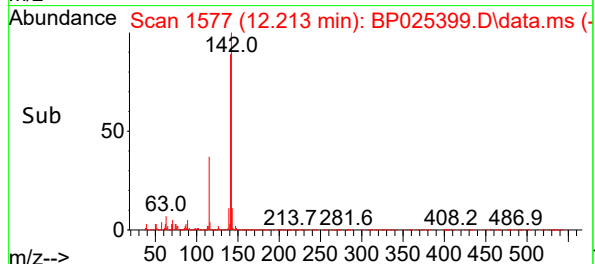
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1761325
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 37.2 28.9 43.3

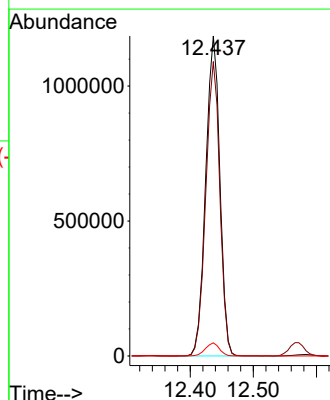
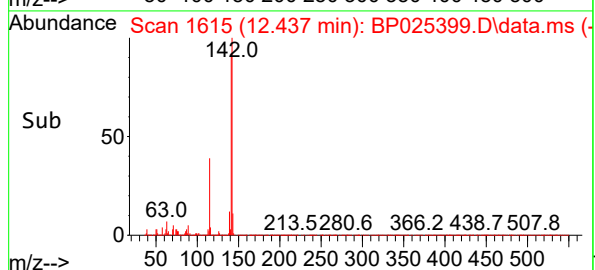
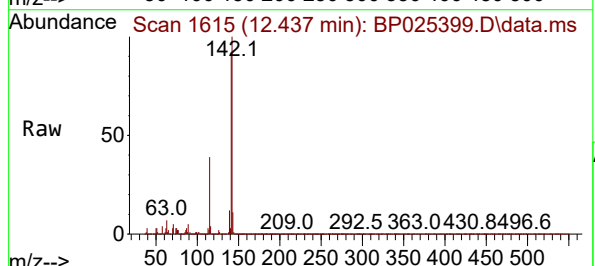
Manual Integrations
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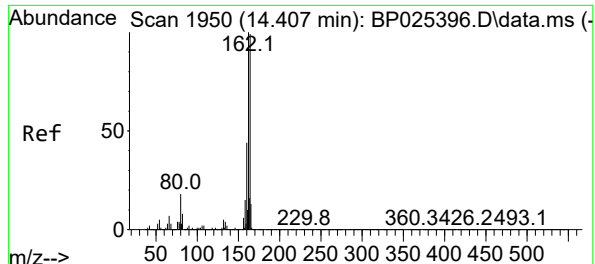
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 436040

Ion Ratio Lower Upper

164 100

162 98.6 81.0 121.6

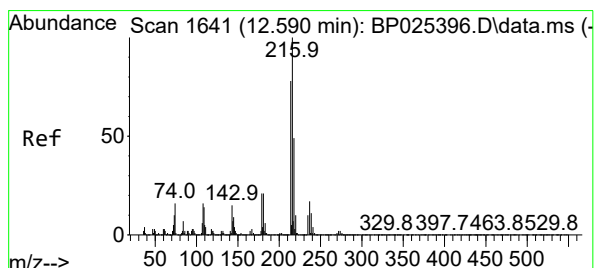
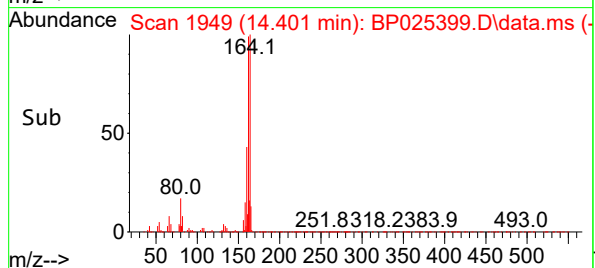
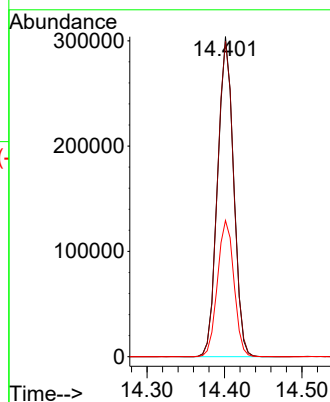
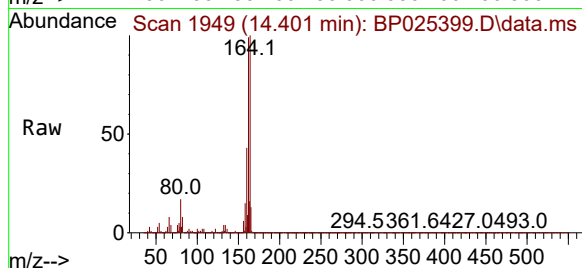
160 42.6 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.014 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

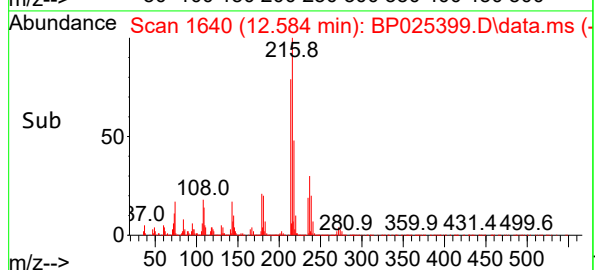
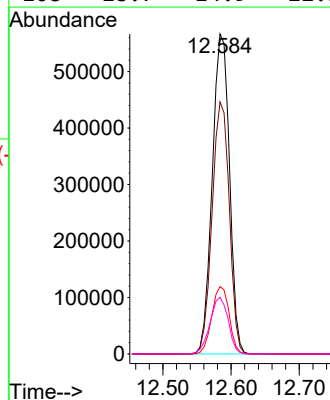
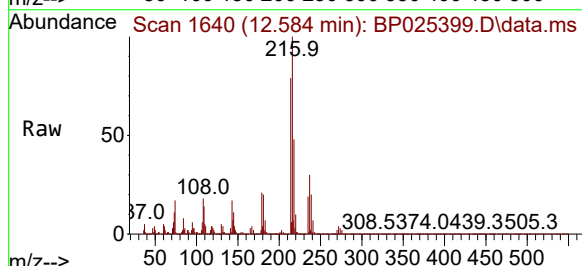
Ion Ratio Lower Upper

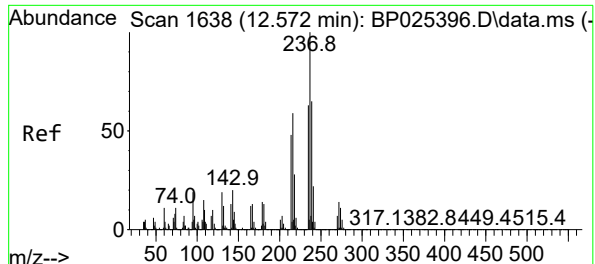
216 100

214 78.8 63.0 94.4

179 21.2 17.1 25.7

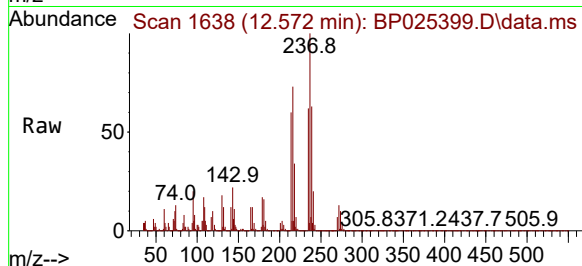
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

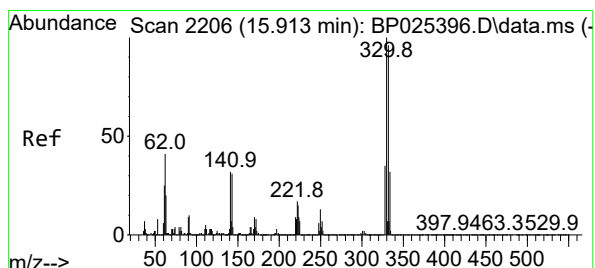
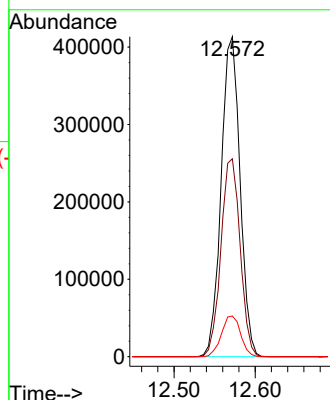
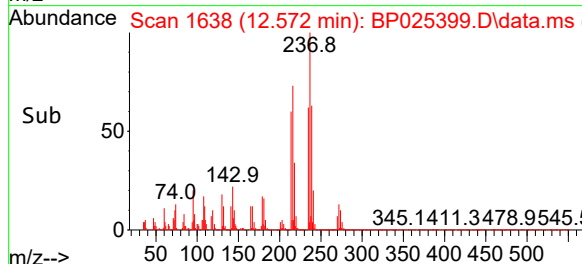
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 66877
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 12.7 0.0 34.0

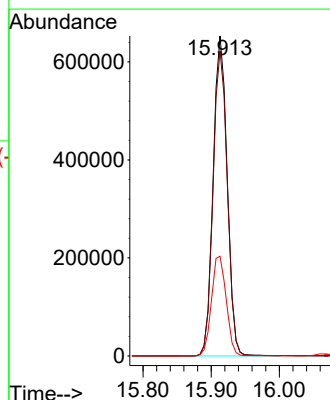
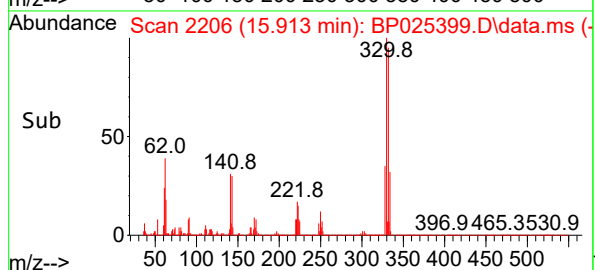
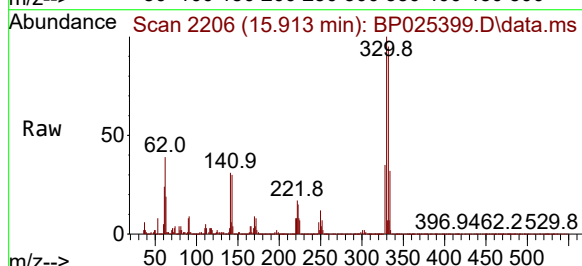
Manual Integrations
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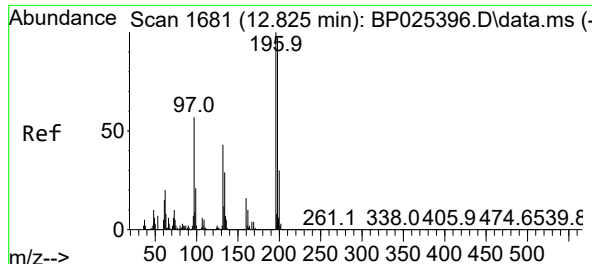
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 330 Resp: 936489
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.8 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 83.096 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 706484

Ion Ratio Lower Upper

196 100

198 94.8 77.2 115.8

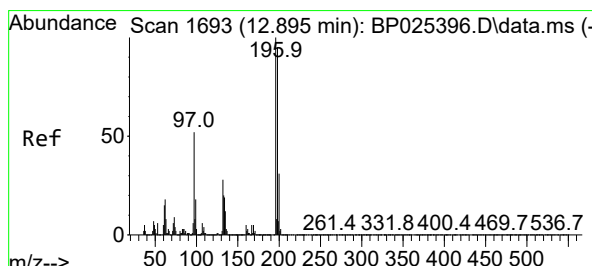
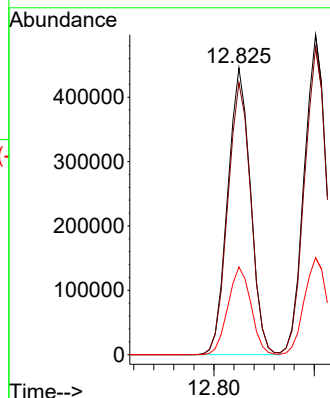
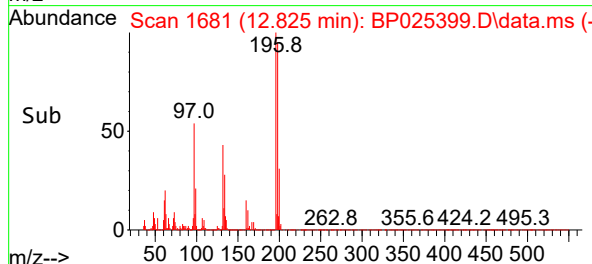
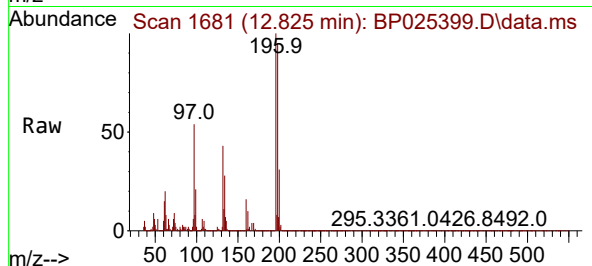
200 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 81.870 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 762861

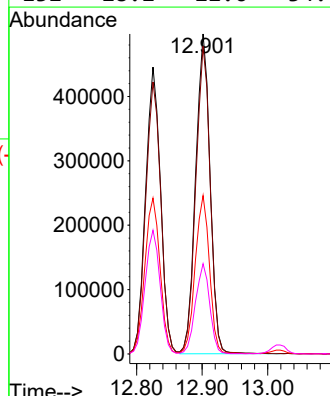
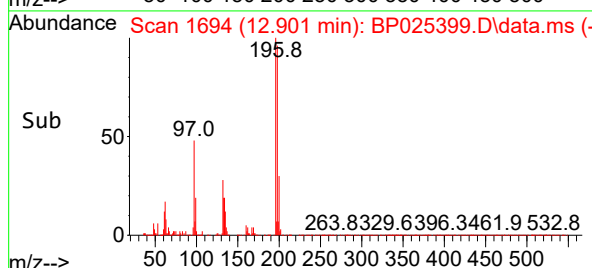
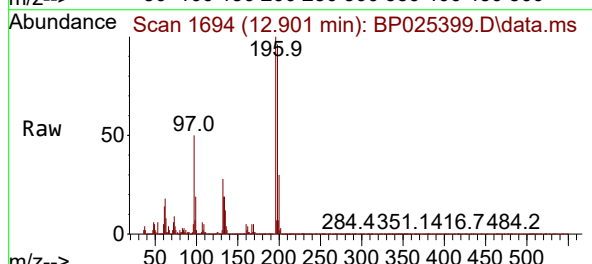
Ion Ratio Lower Upper

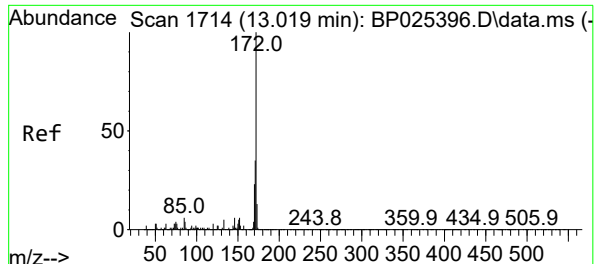
196 100

198 96.1 76.2 114.2

97 49.5 41.2 61.8

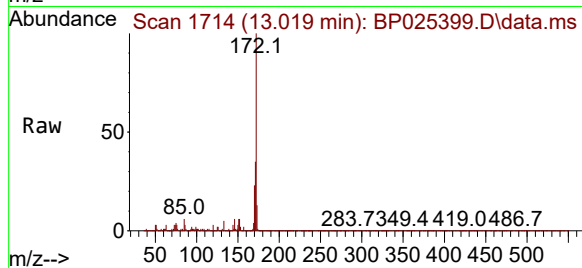
132 28.2 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

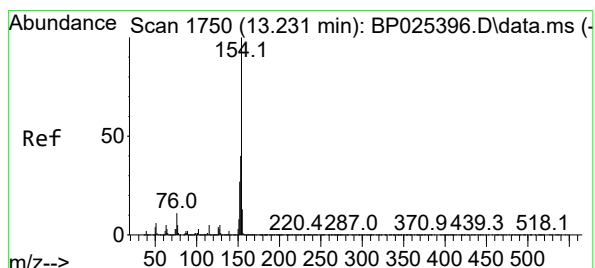
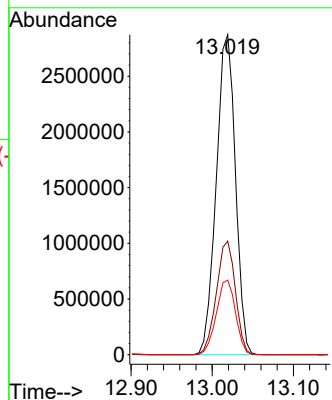
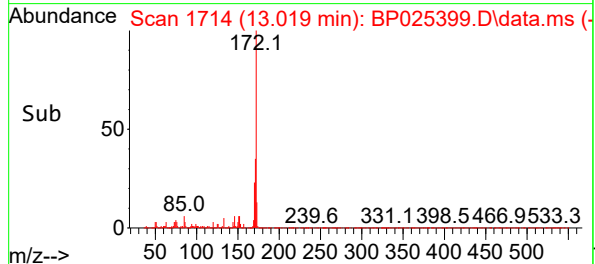
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 471259
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 28.0

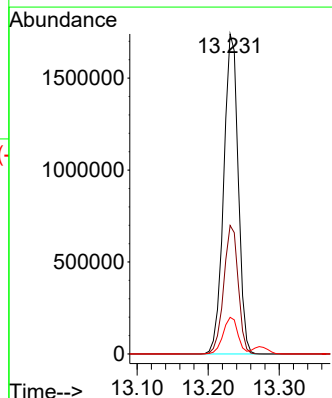
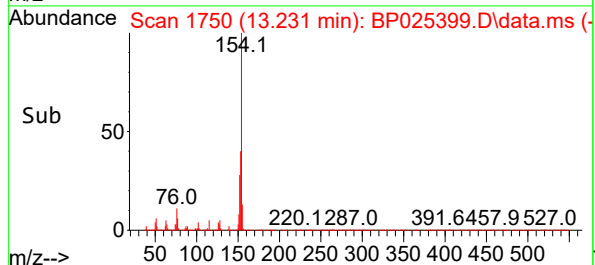
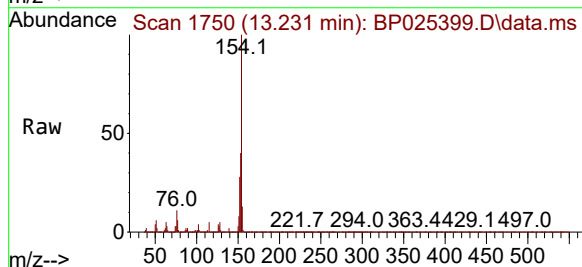
Manual Integrations
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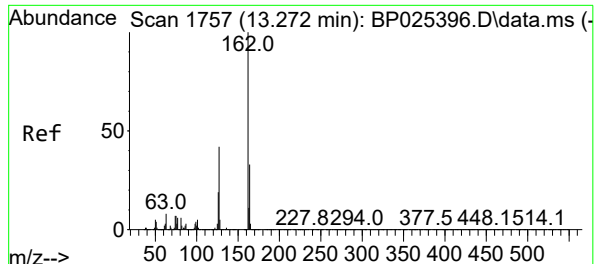
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 2453536
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 77.804 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1918120

Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

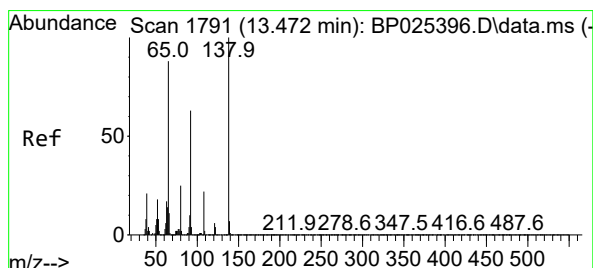
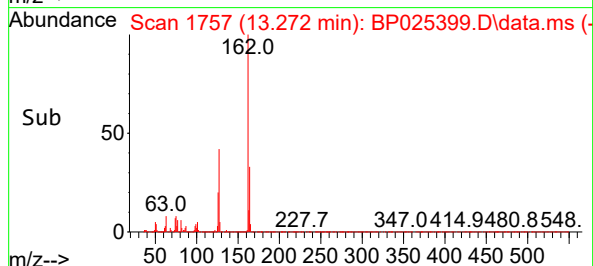
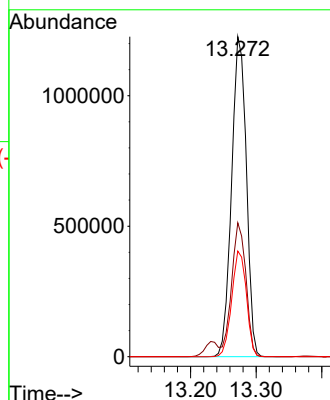
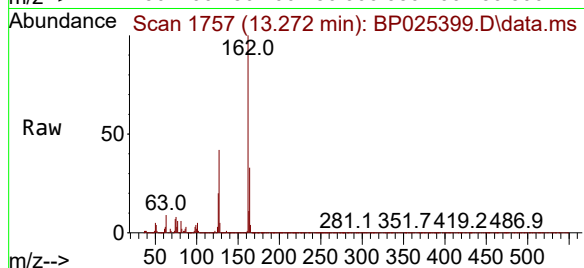
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 82.788 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

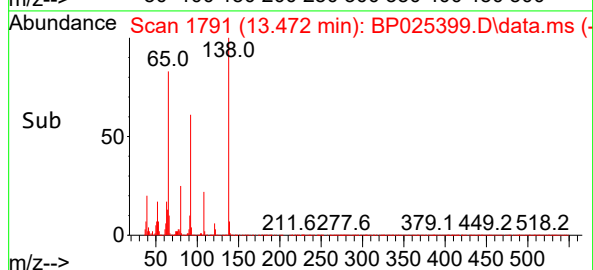
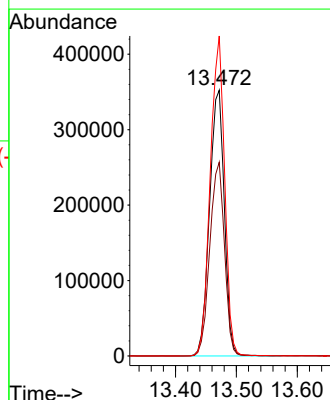
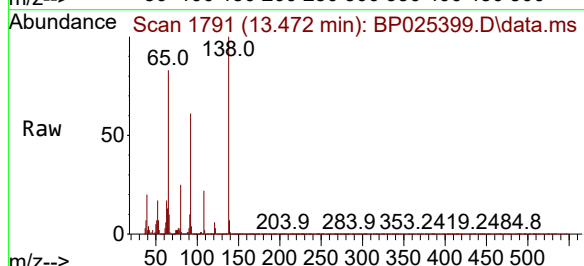
Tgt Ion: 65 Resp: 594696

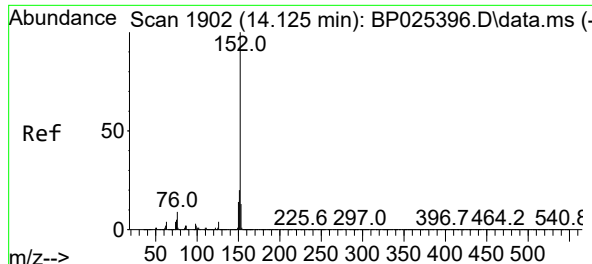
Ion Ratio Lower Upper

65 100

92 72.9 57.6 86.4

138 120.4 91.0 136.6





#49

Acenaphthylene

Concen: 78.318 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 3194918

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

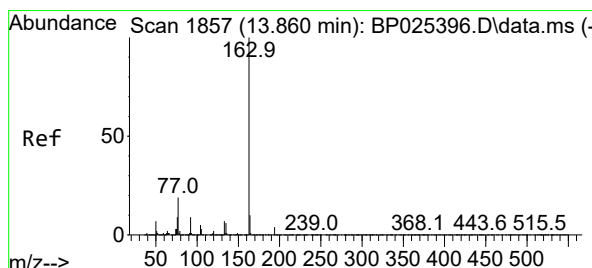
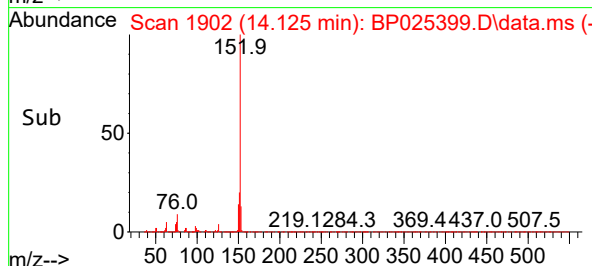
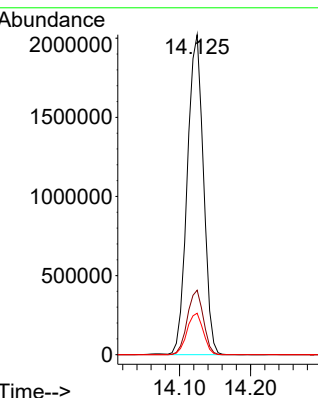
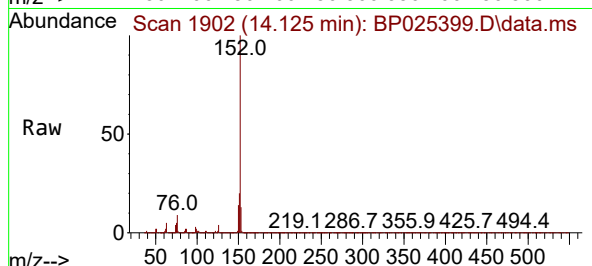
153 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 76.632 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

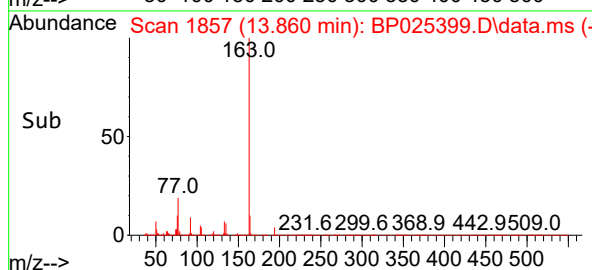
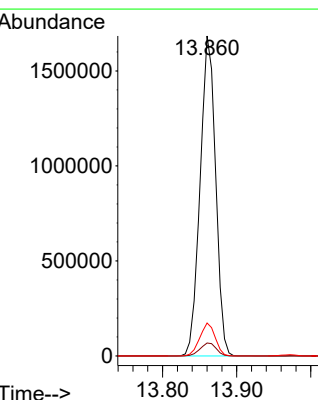
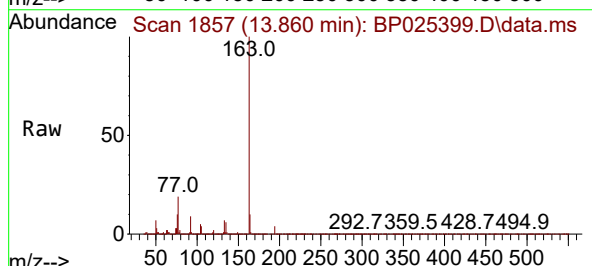
Tgt Ion:163 Resp: 2446951

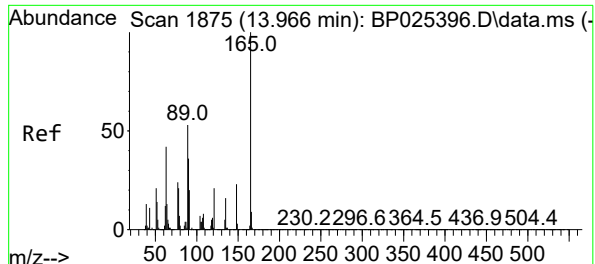
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 80.639 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 542710

Ion Ratio Lower Upper

165 100

63 51.0 40.9 61.3

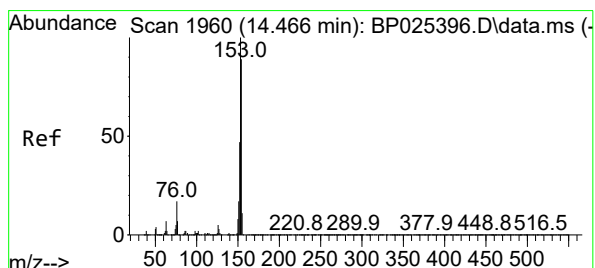
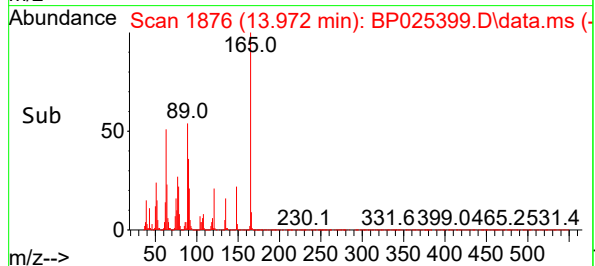
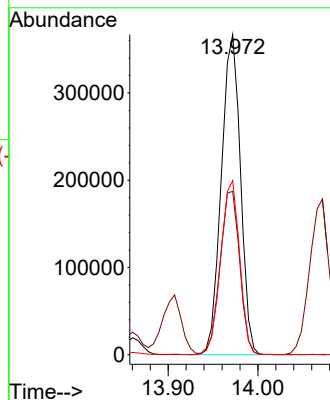
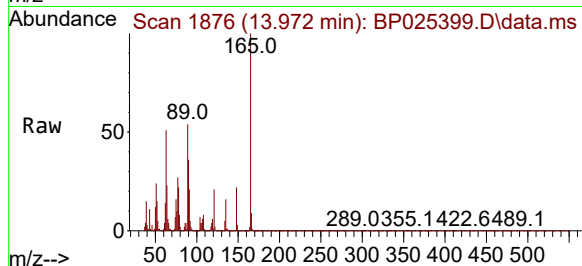
89 54.4 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#52

Acenaphthene

Concen: 76.902 ng

RT: 14.472 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

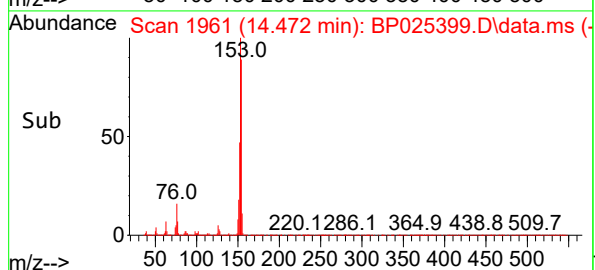
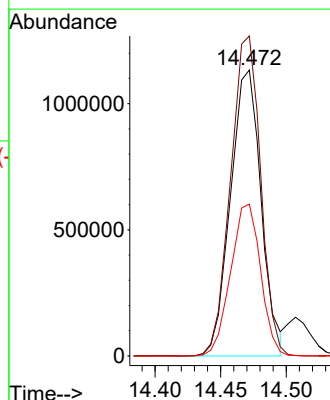
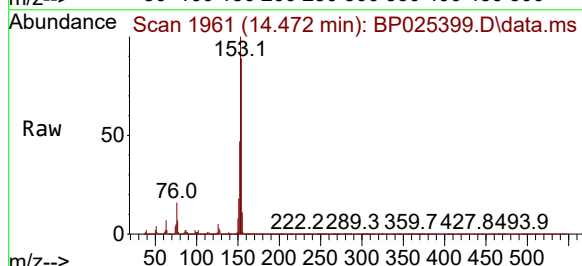
Tgt Ion:154 Resp: 1841448

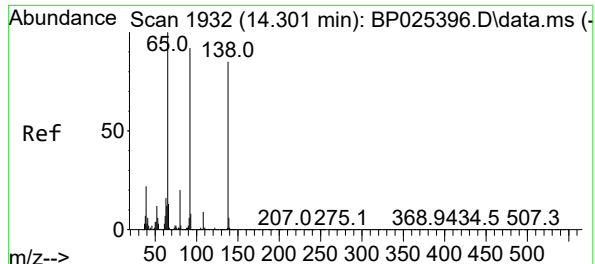
Ion Ratio Lower Upper

154 100

153 111.9 90.2 135.2

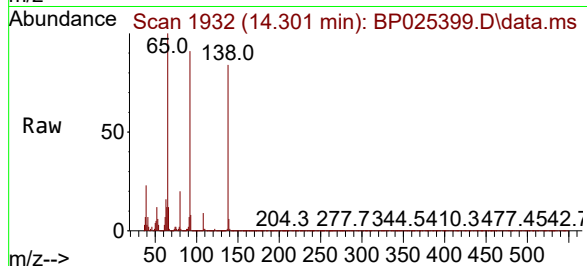
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

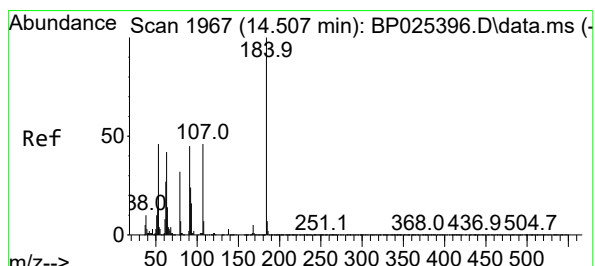
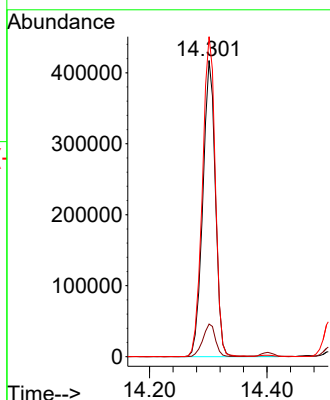
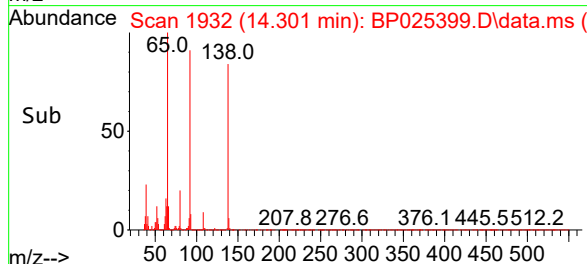
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 61808
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 108.1 86.2 129.2

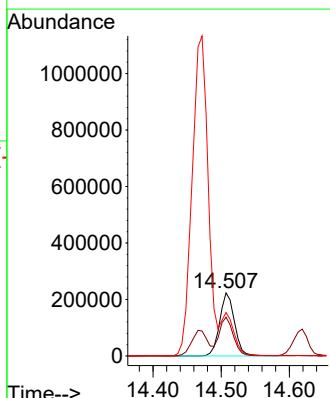
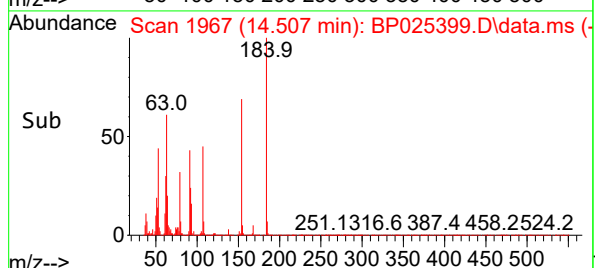
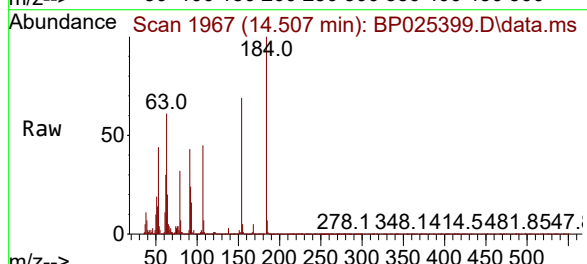
Manual Integrations
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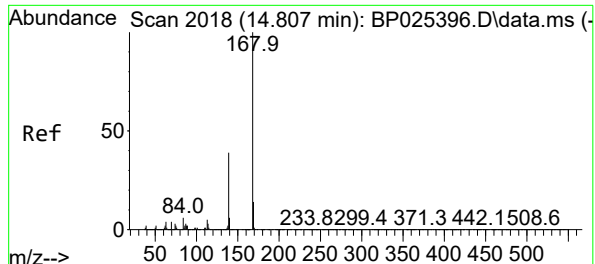
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

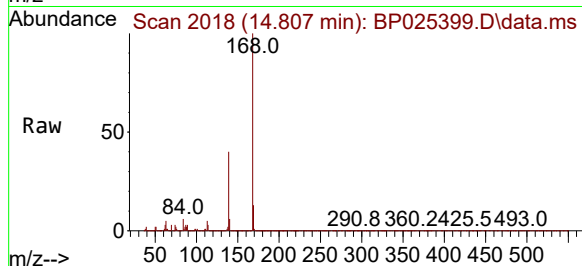
Tgt Ion:184 Resp: 339125
Ion Ratio Lower Upper
184 100
63 61.4 49.4 74.2
154 68.6 54.6 82.0





#55
Dibenzenofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

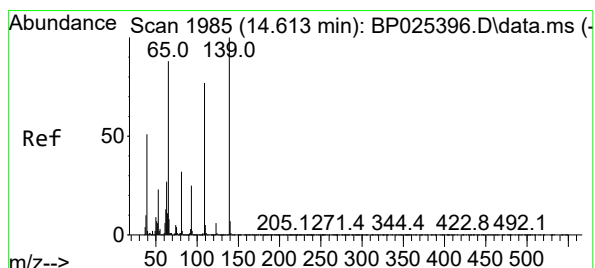
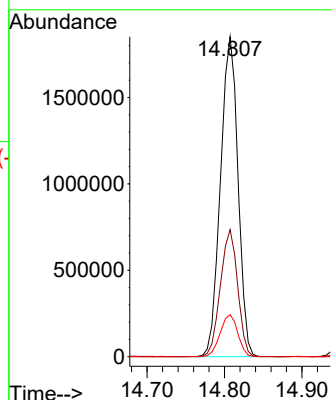
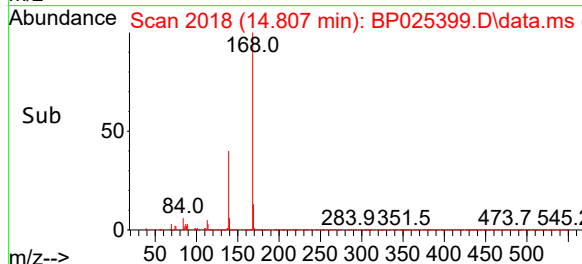
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 291593
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.1 10.9 16.3

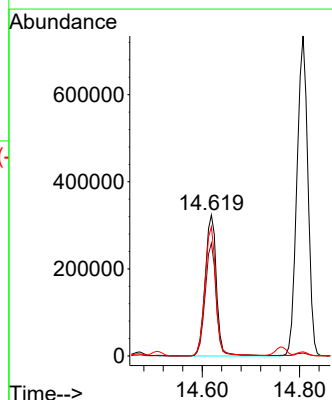
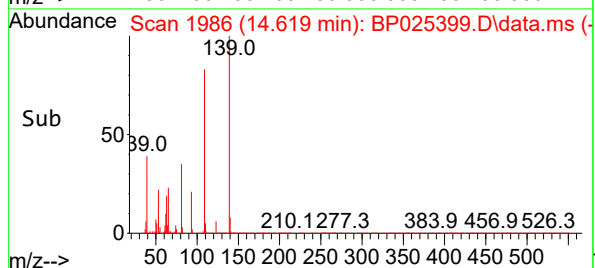
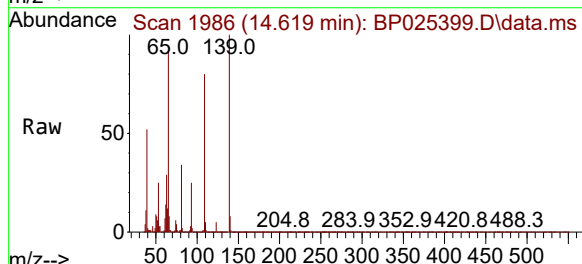
Manual Integrations
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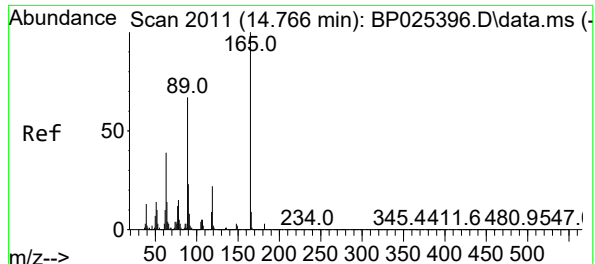
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

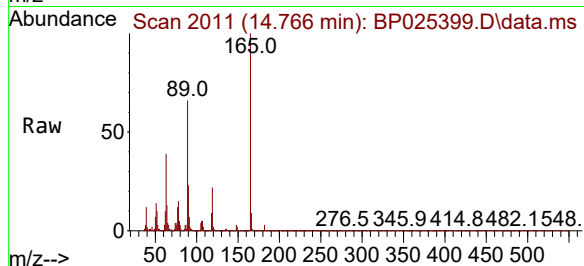
Tgt Ion:139 Resp: 520294
Ion Ratio Lower Upper
139 100
109 80.0 56.6 96.6
65 91.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

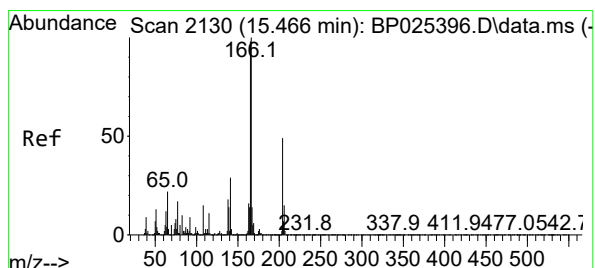
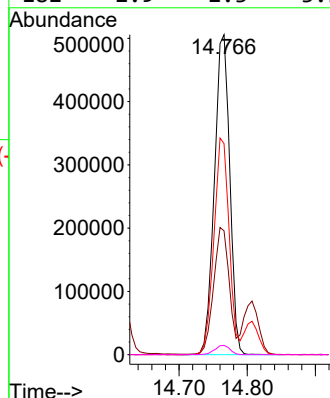
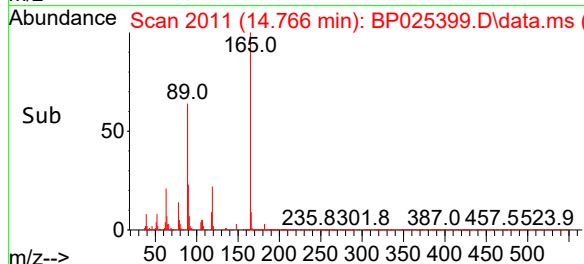
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 791214
Ion Ratio Lower Upper
165 100
63 38.7 31.4 47.2
89 66.0 53.3 79.9
182 2.9 2.3 3.5

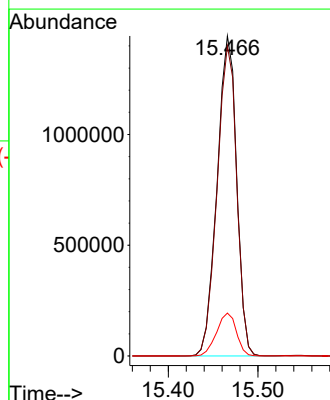
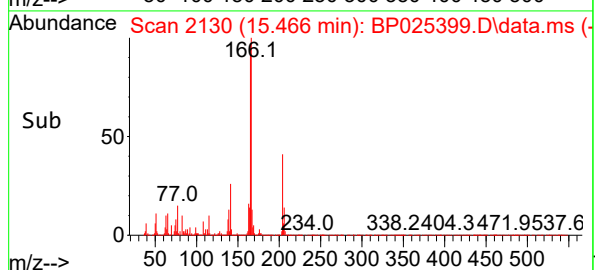
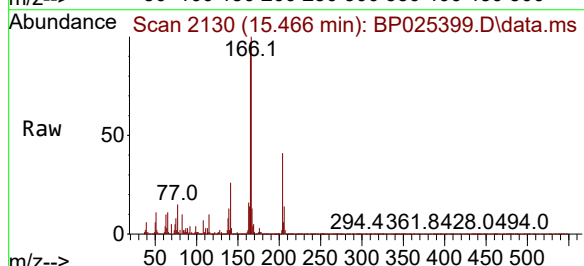
Manual Integrations
APPROVED

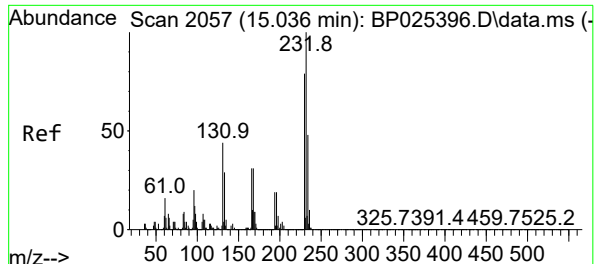
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 80.448 ng

RT: 15.031 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 661890

Ion Ratio Lower Upper

232 100

131 45.9 37.0 55.6

130 2.5 1.9 2.9

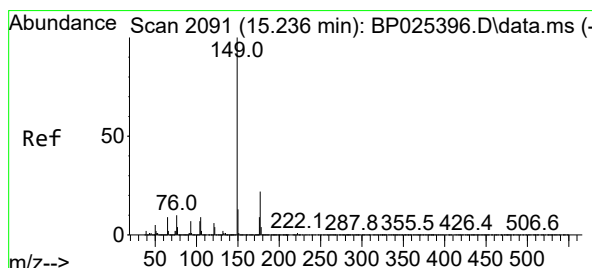
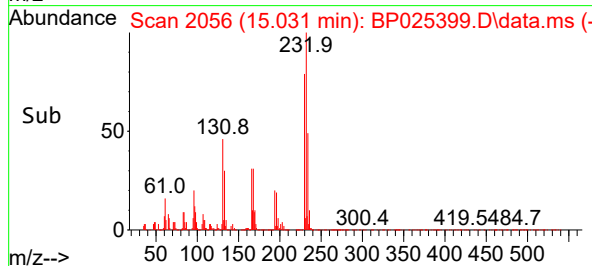
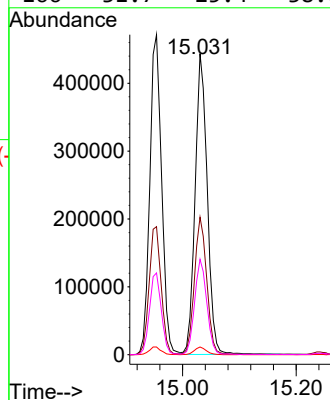
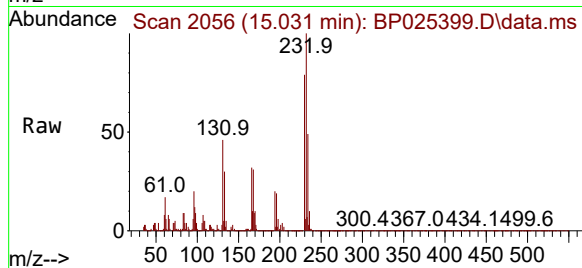
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 76.870 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

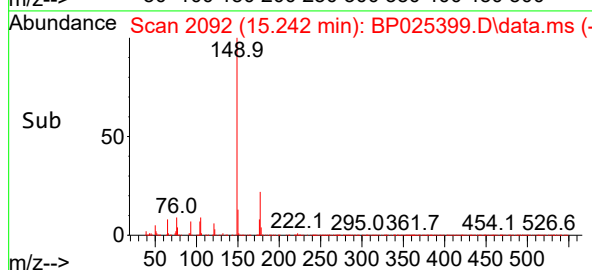
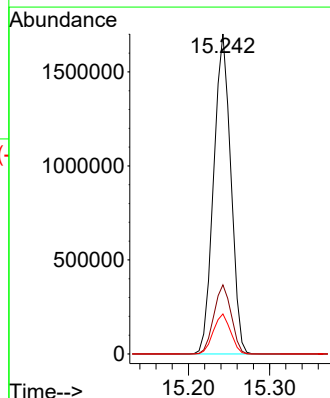
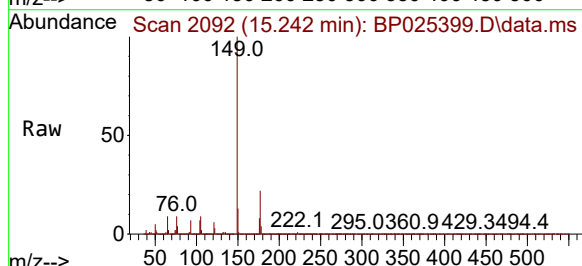
Tgt Ion:149 Resp: 2494087

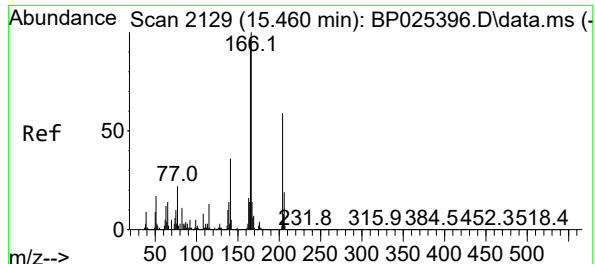
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

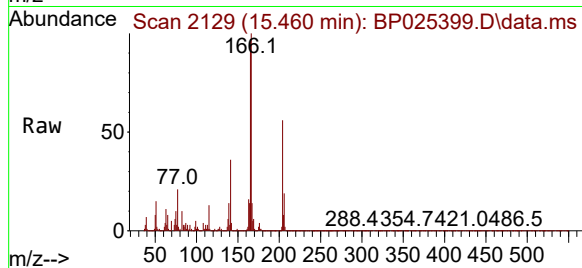
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

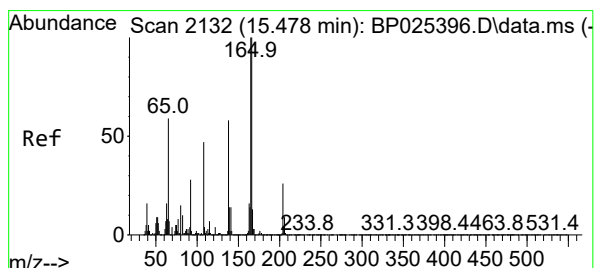
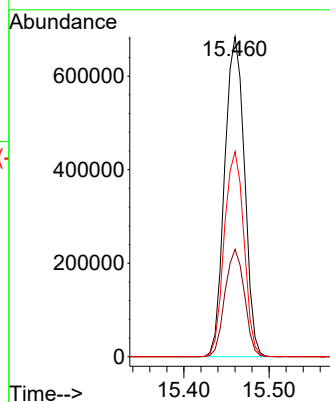
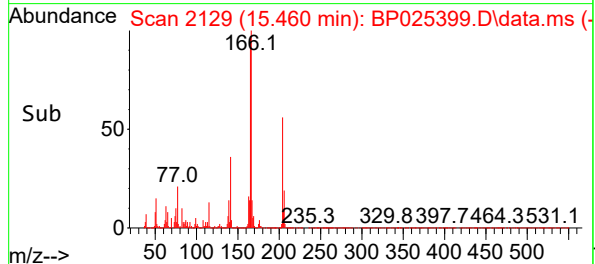
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 110515
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 64.1 49.4 74.2

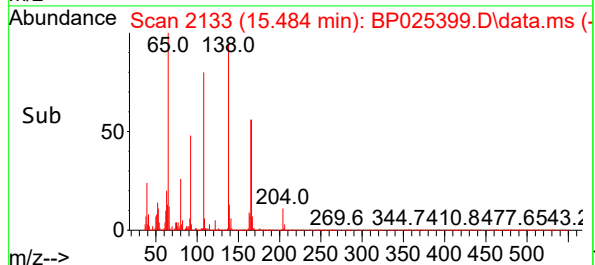
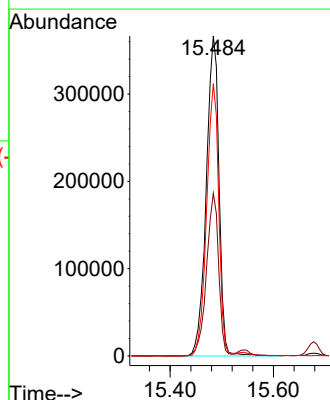
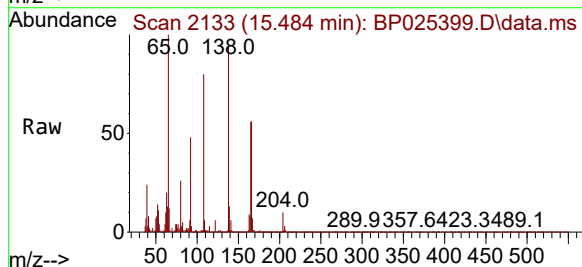
Manual Integrations
APPROVED

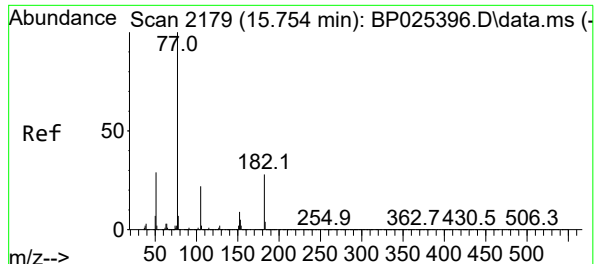
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

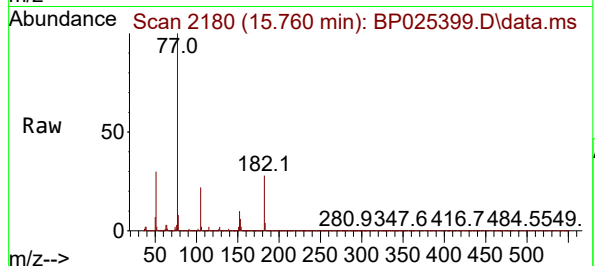
Tgt Ion:138 Resp: 626525
Ion Ratio Lower Upper
138 100
92 50.8 29.1 69.1
108 85.1 61.5 101.5





#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

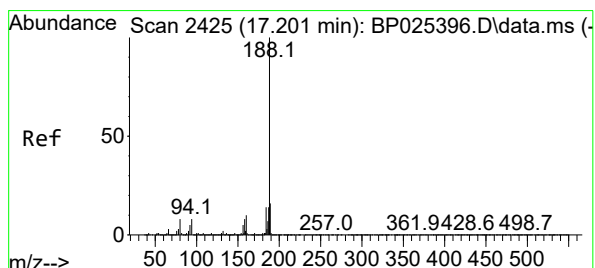
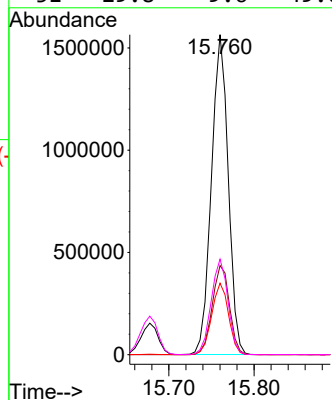
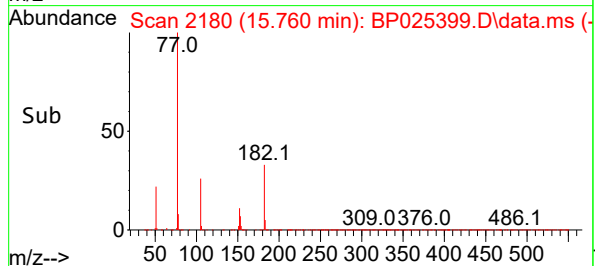
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 2139674
Ion Ratio Lower Upper
77 100
182 27.9 7.5 47.5
105 22.3 2.1 42.1
51 29.8 9.6 49.6

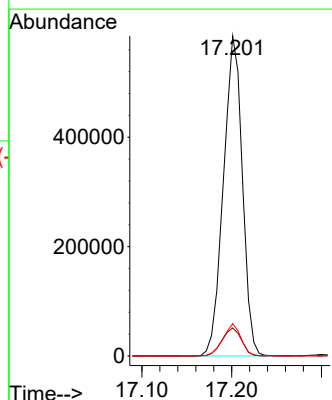
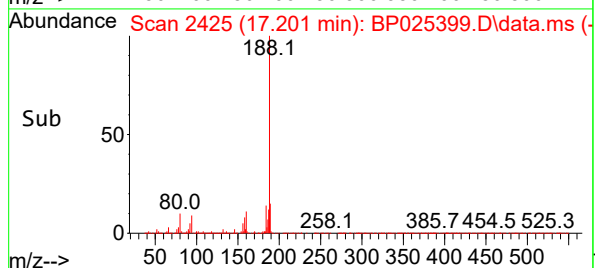
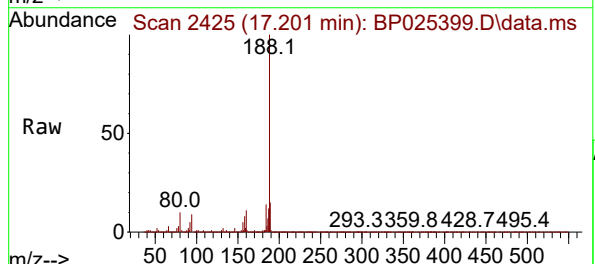
Manual Integrations
APPROVED

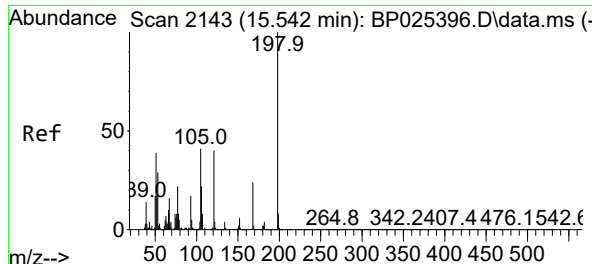
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 6.7 10.1#





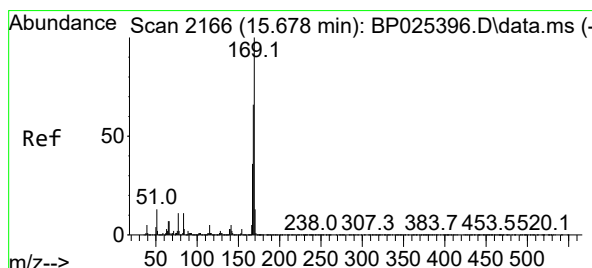
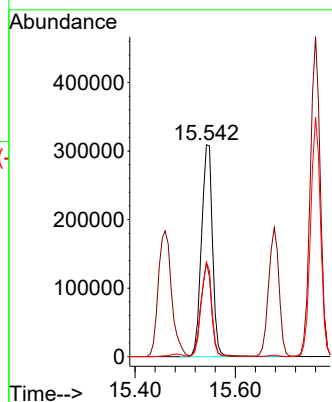
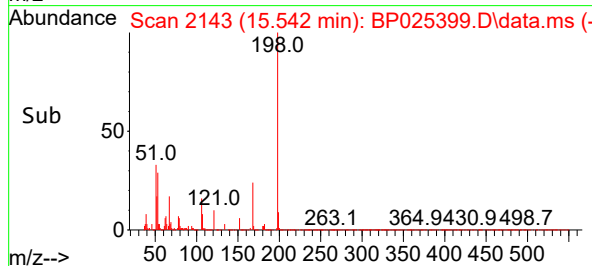
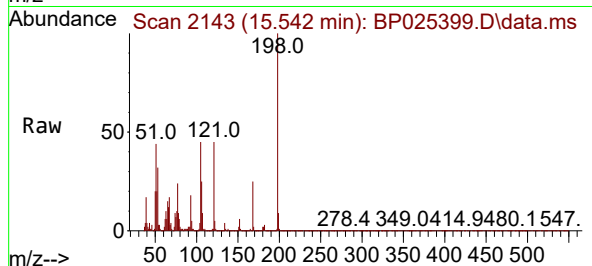
#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 472602
Ion Ratio Lower Upper
198 100
51 44.3 19.6 59.6
105 44.6 20.9 60.9

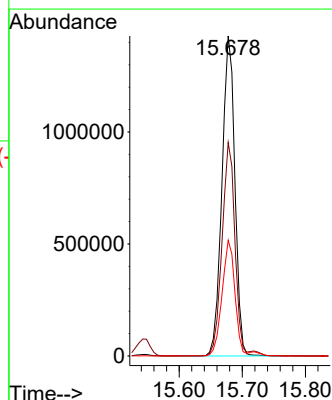
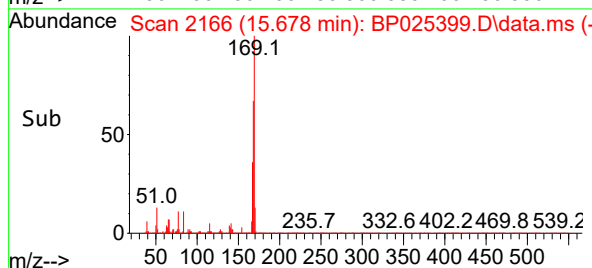
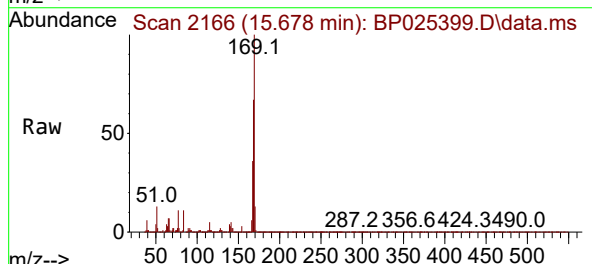
Manual Integrations
APPROVED

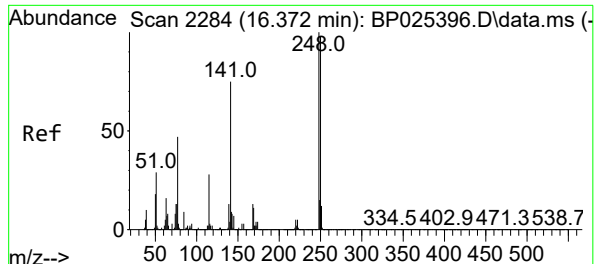
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

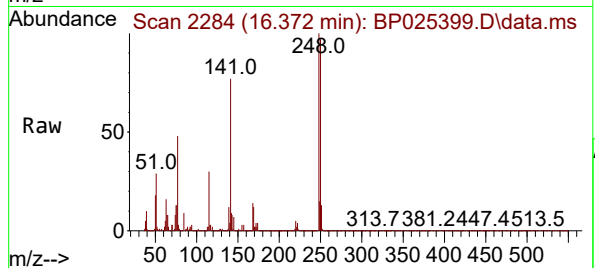
Tgt Ion:169 Resp: 2034782
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

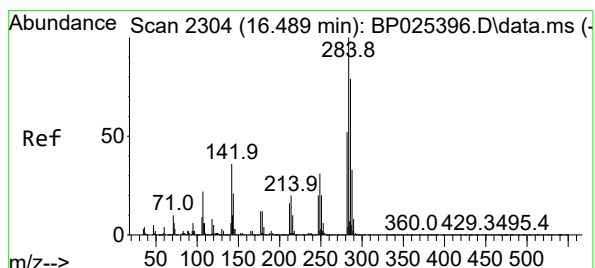
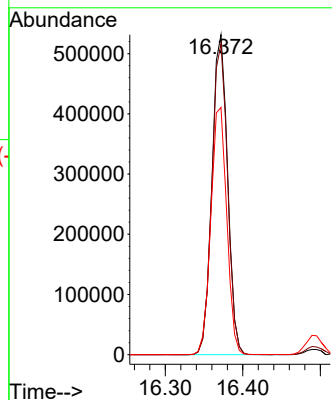
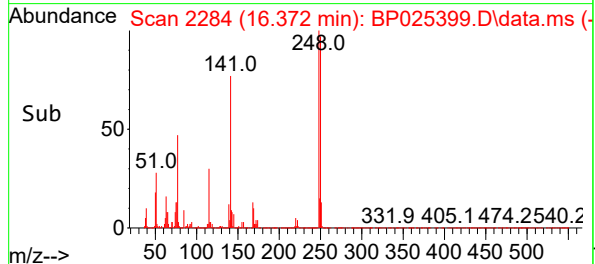
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 745915
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 77.2 59.6 89.4

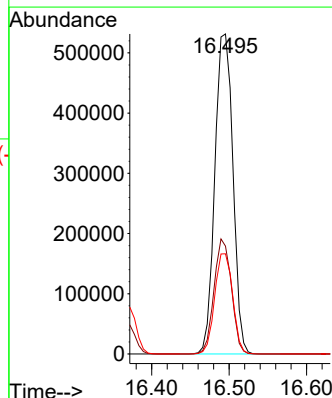
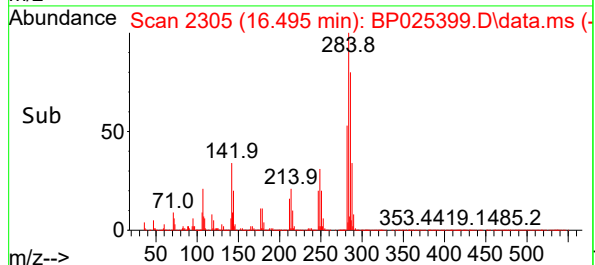
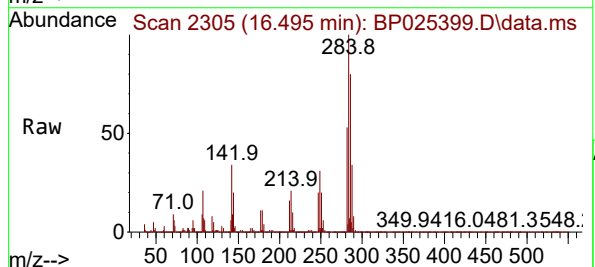
Manual Integrations
APPROVED

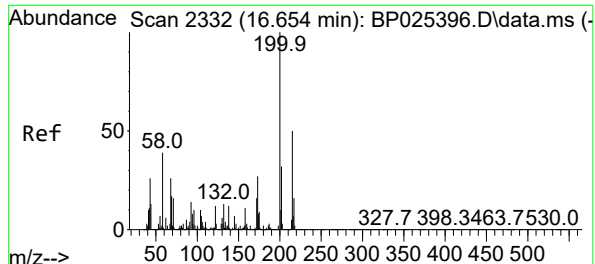
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

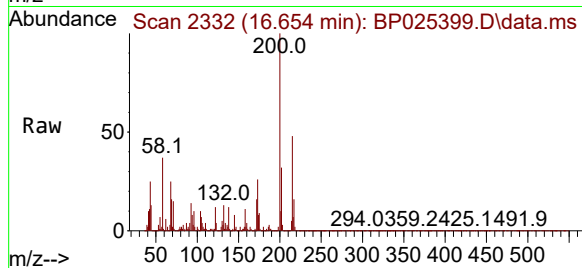
Tgt Ion:284 Resp: 860051
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 31.3 25.0 37.4





#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

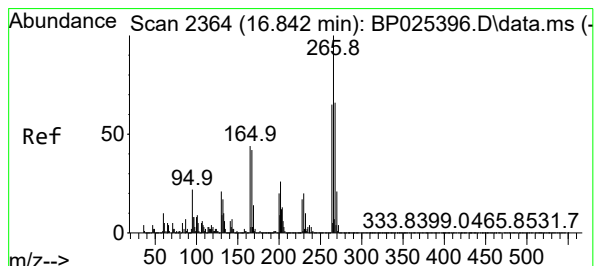
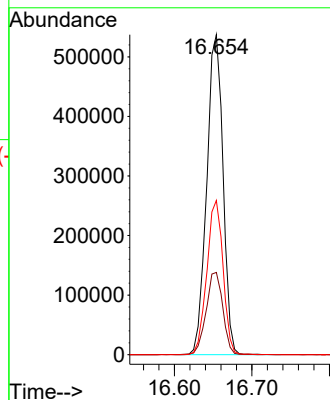
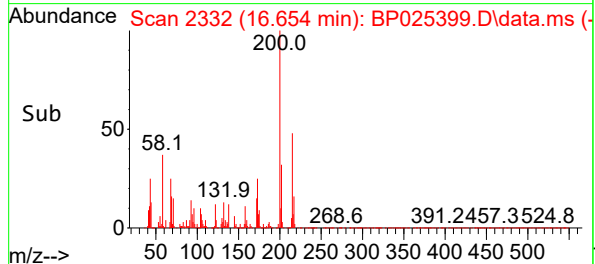
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 78353
Ion Ratio Lower Upper
200 100
173 25.7 6.7 46.7
215 48.2 29.7 69.7

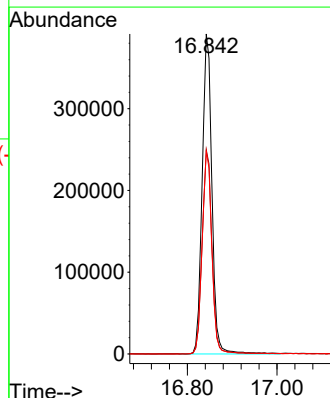
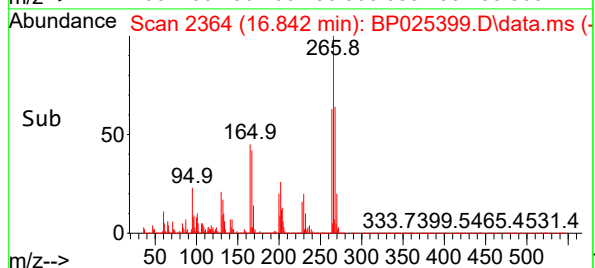
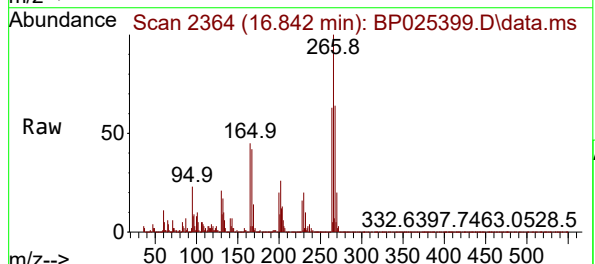
Manual Integrations
APPROVED

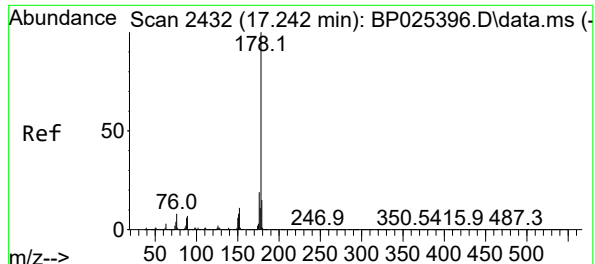
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

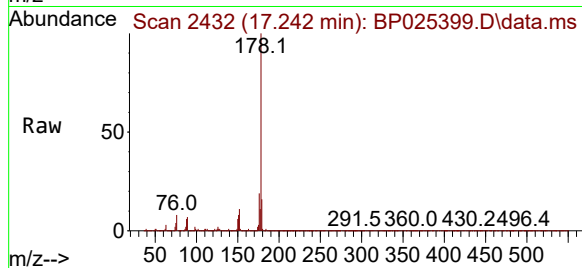
Tgt Ion:266 Resp: 589673
Ion Ratio Lower Upper
266 100
268 63.8 52.6 79.0
264 63.4 52.0 78.0





#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

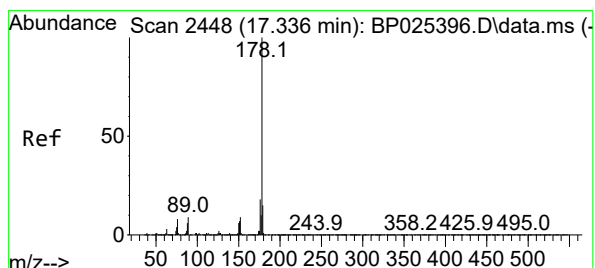
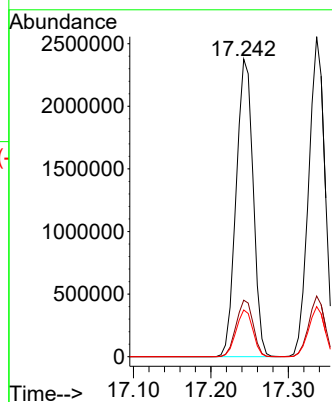
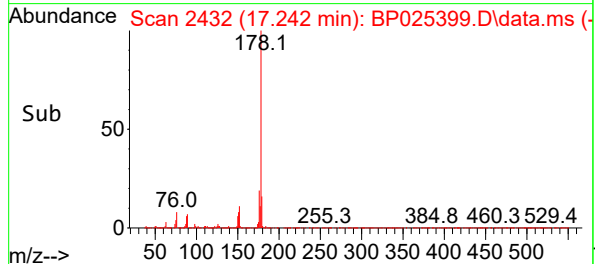
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3623454
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.7 12.2 18.4

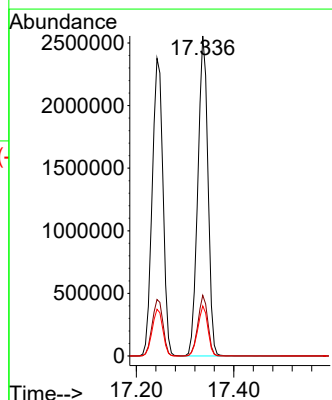
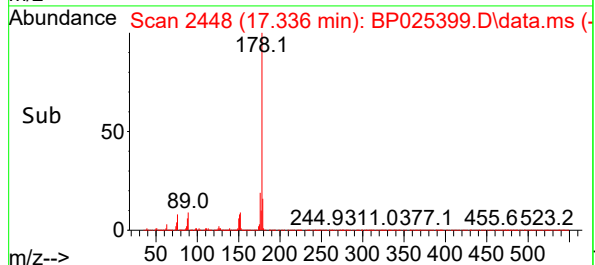
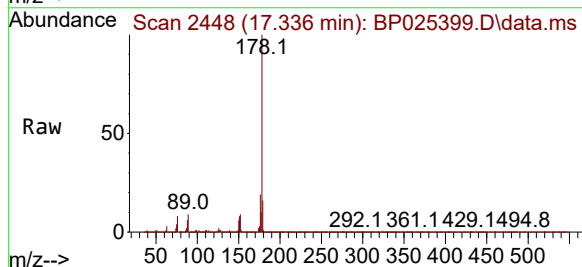
Manual Integrations
APPROVED

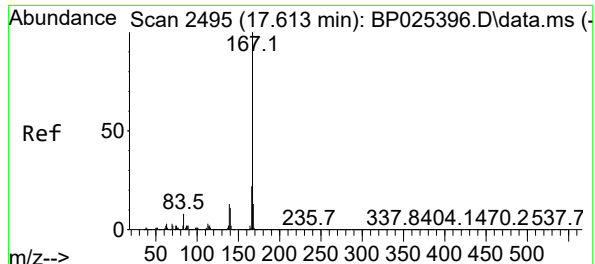
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

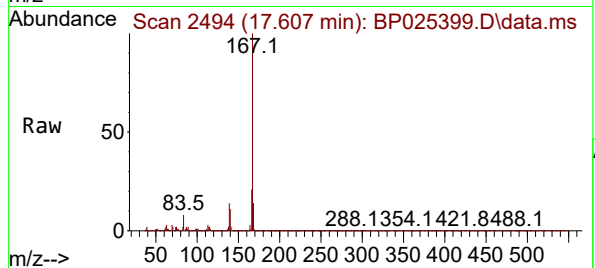
Tgt Ion:178 Resp: 3702277
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.2 18.2





#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

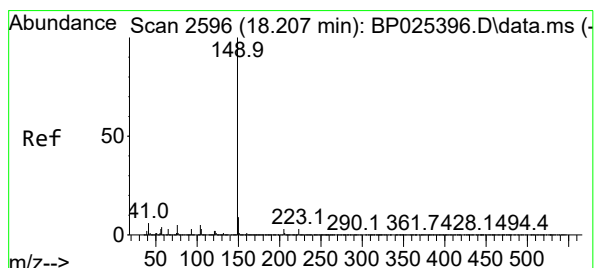
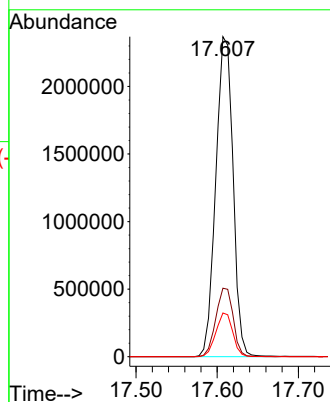
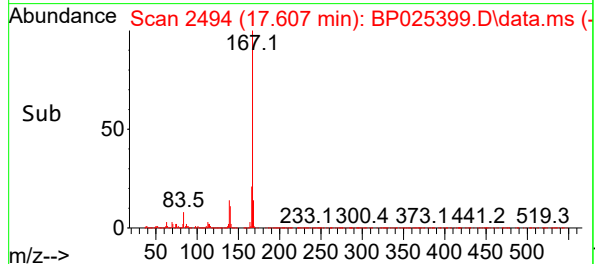
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 350327
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.7 10.6 16.0

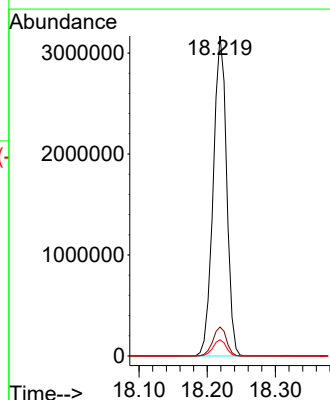
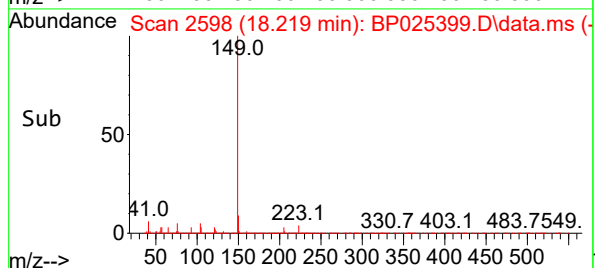
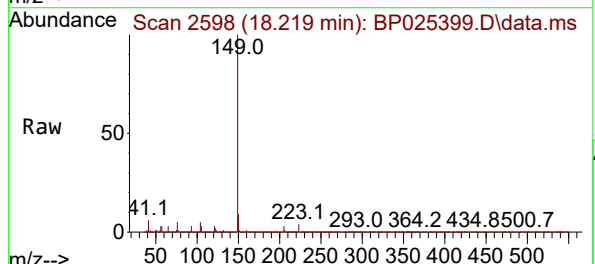
Manual Integrations
APPROVED

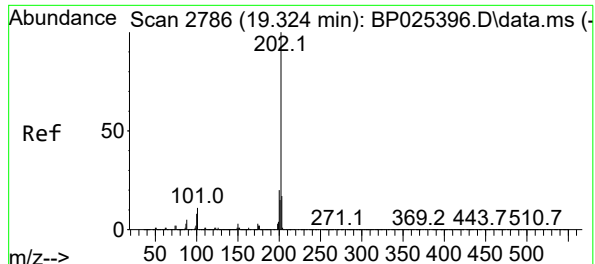
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

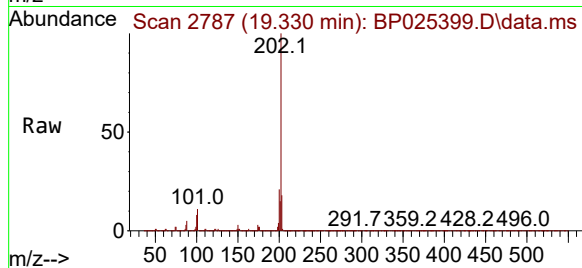
Tgt Ion:149 Resp: 4336701
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 76.815 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

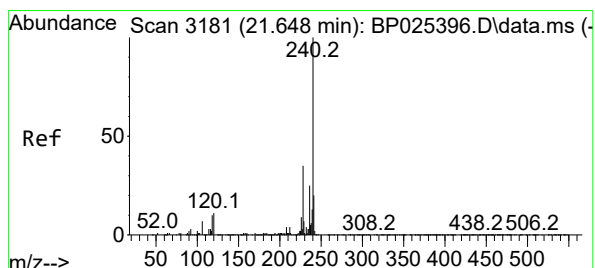
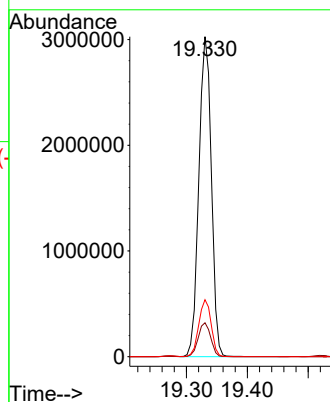
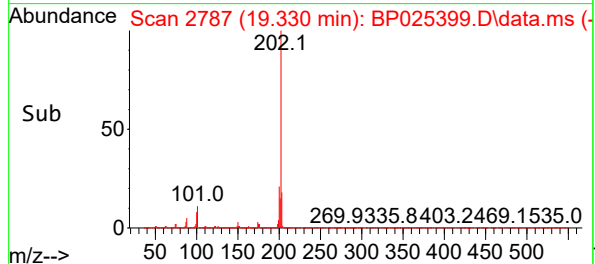
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 431330
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.8 0.0 37.3

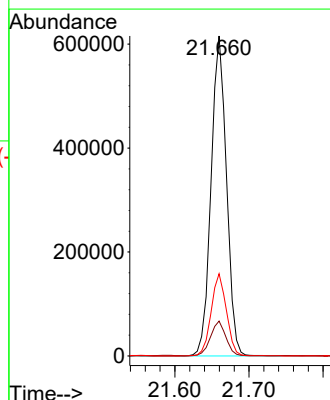
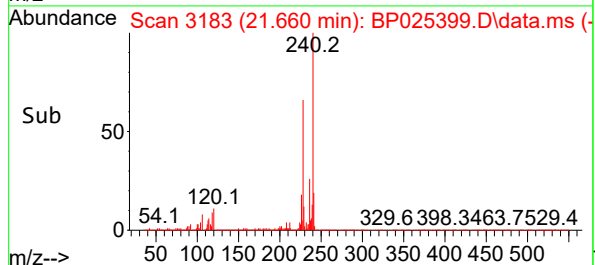
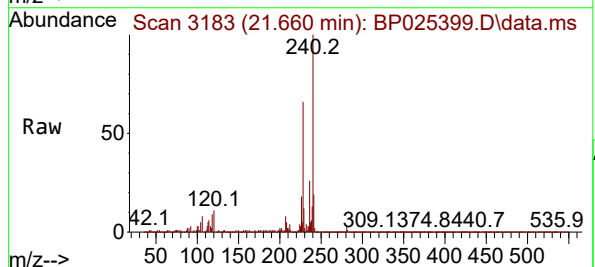
Manual Integrations
APPROVED

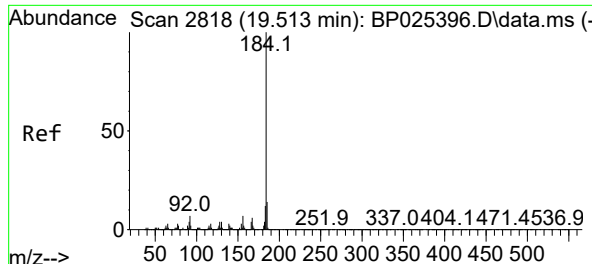
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

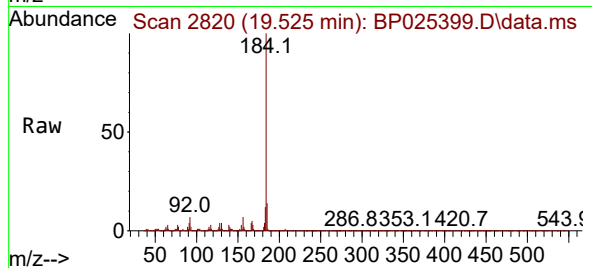
Tgt Ion:240 Resp: 888879
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

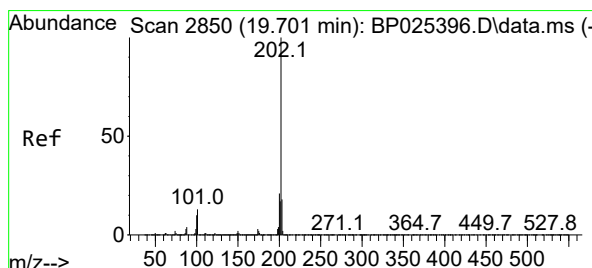
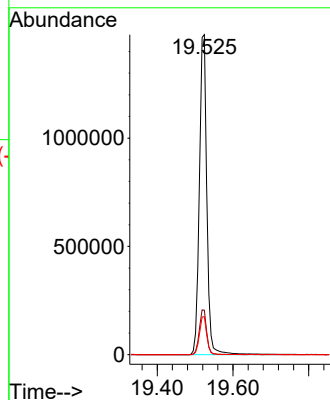
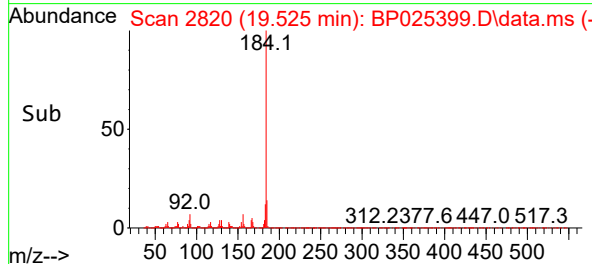
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 2036240
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

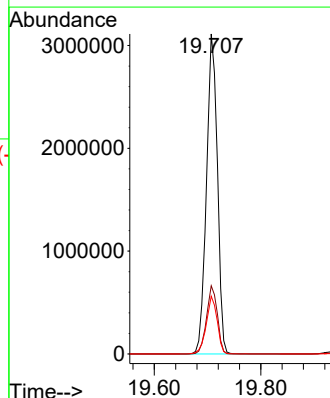
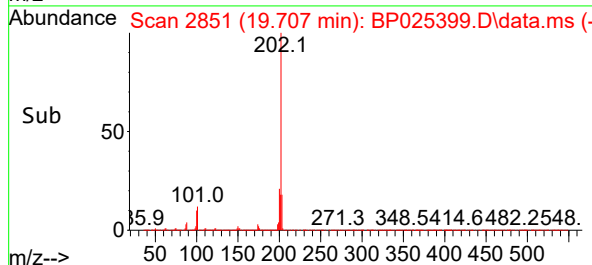
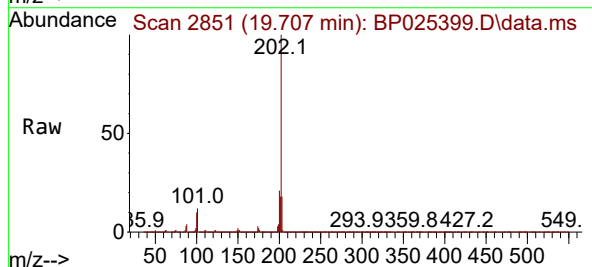
Manual Integrations
APPROVED

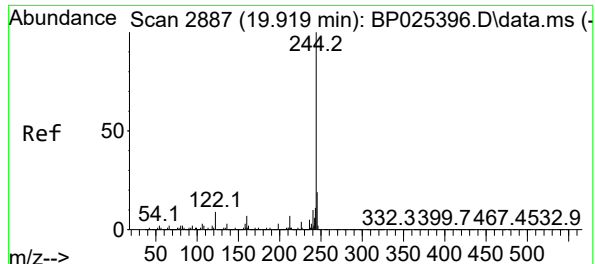
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

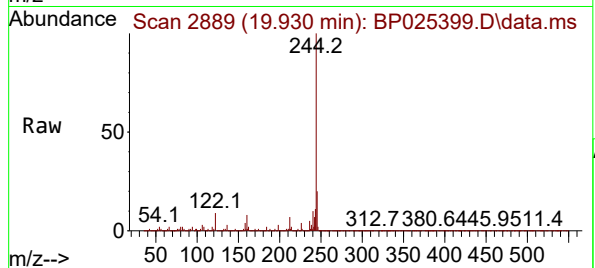
Tgt Ion:202 Resp: 4410693
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.1 14.2 21.2





#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2889
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

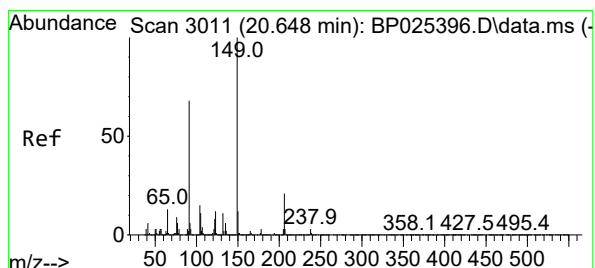
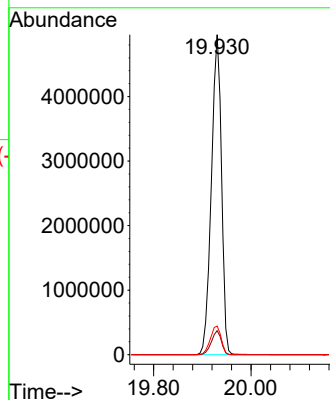
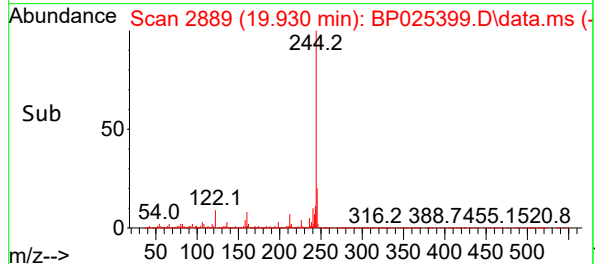
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 7103810
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2

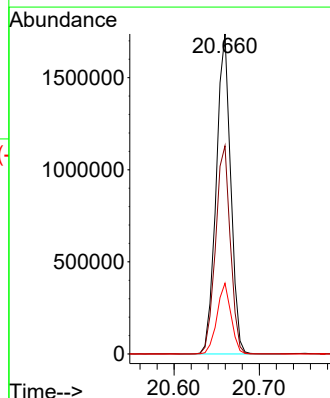
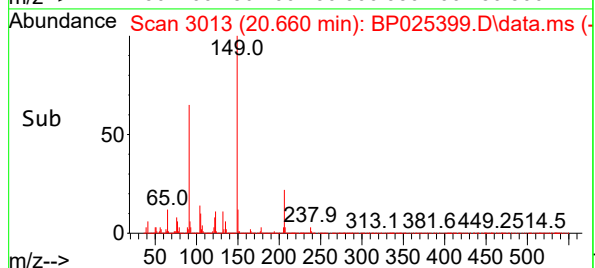
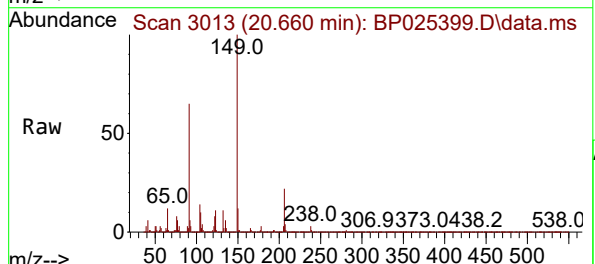
Manual Integrations
APPROVED

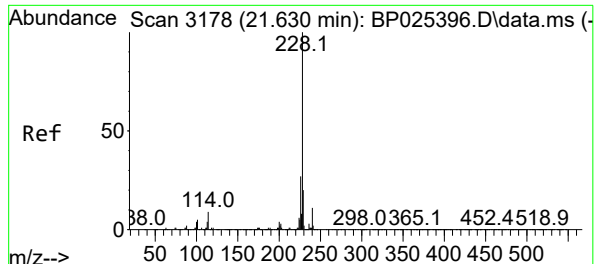
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

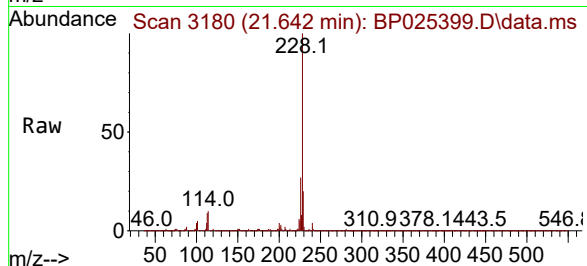
Tgt Ion:149 Resp: 2054404
Ion Ratio Lower Upper
149 100
91 65.0 54.2 81.2
206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

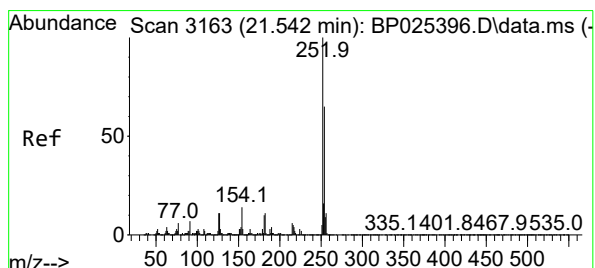
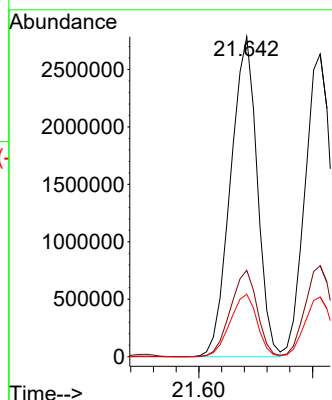
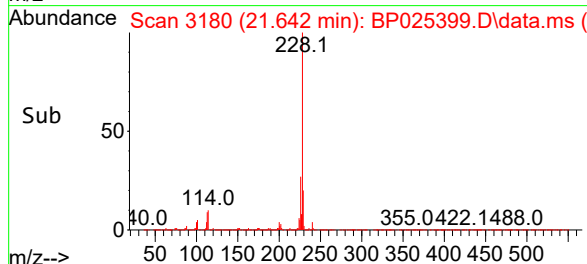
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 453276
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.6 23.4

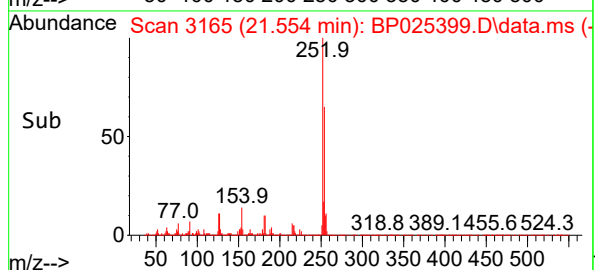
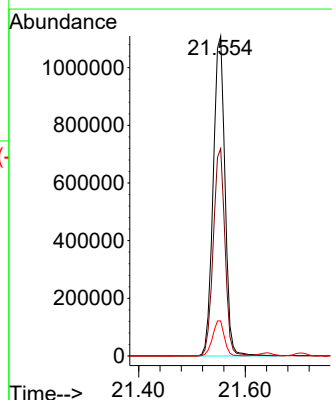
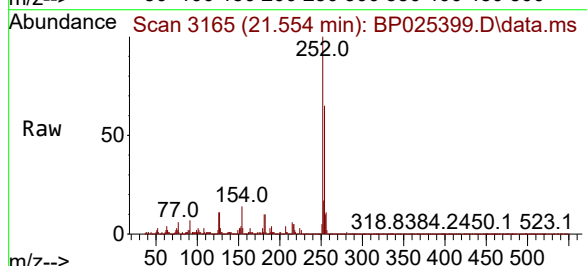
Manual Integrations
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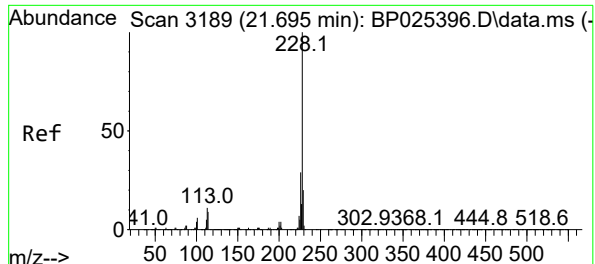
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

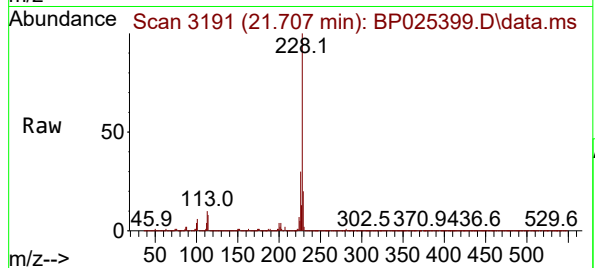
Tgt Ion:252 Resp: 1705746
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 11.0 9.1 13.7





#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3189
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

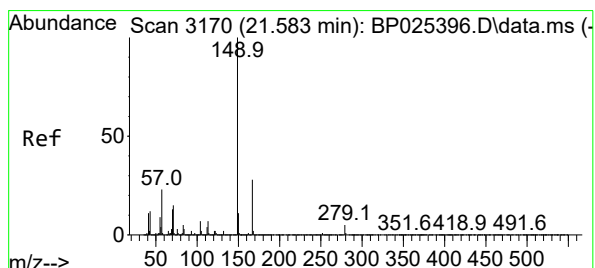
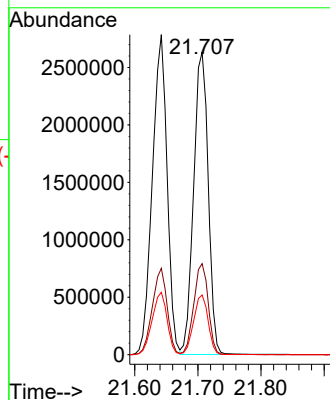
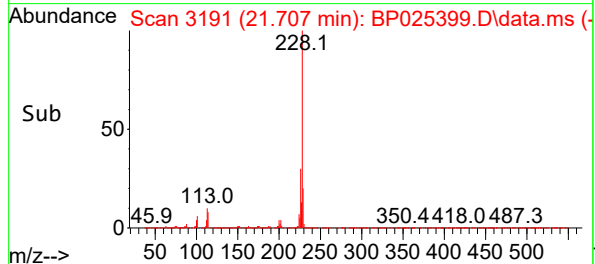
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 421816
Ion Ratio Lower Upper
228 100
226 30.1 23.2 34.8
229 19.7 15.6 23.4

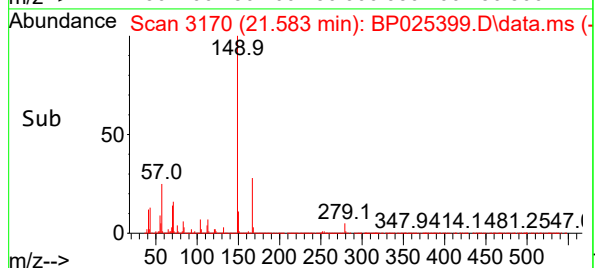
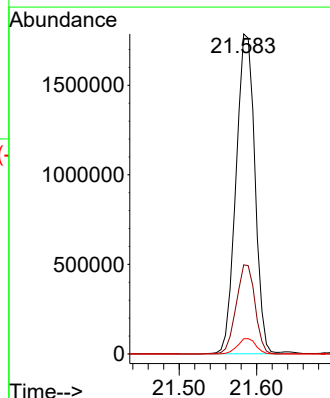
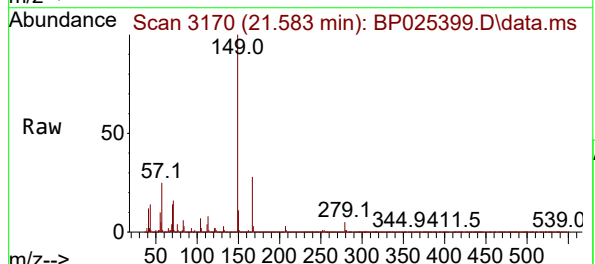
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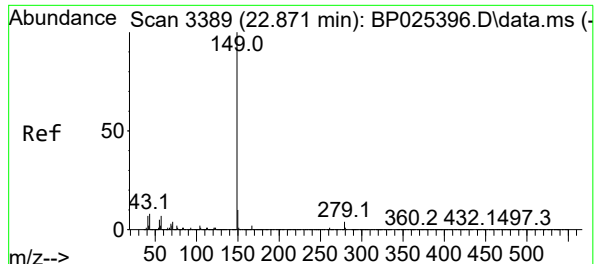
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

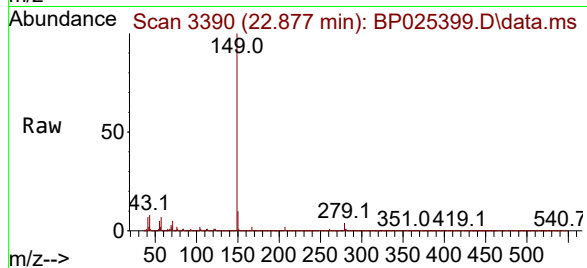
Tgt Ion:149 Resp: 3021891
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

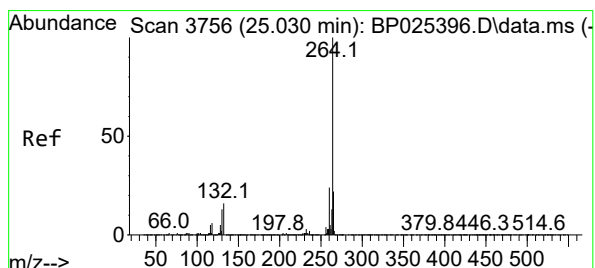
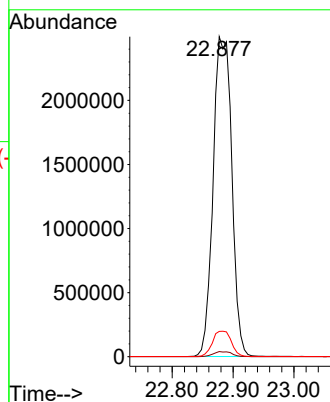
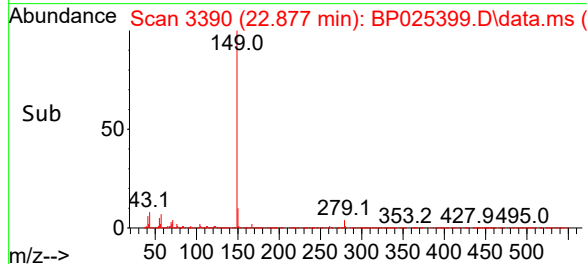
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 5302080
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

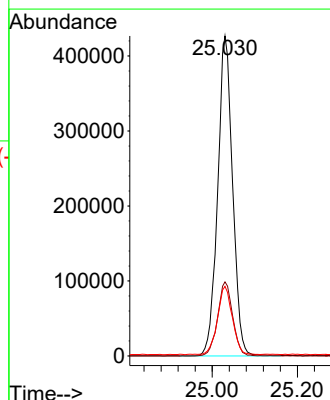
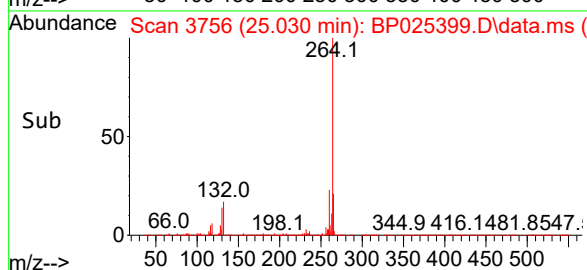
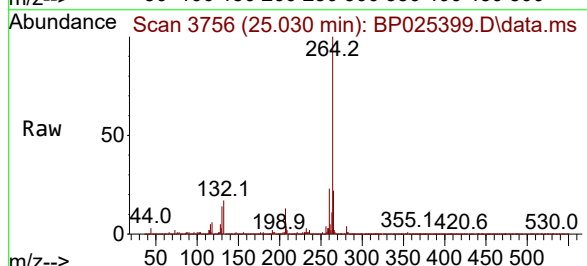
Manual Integrations
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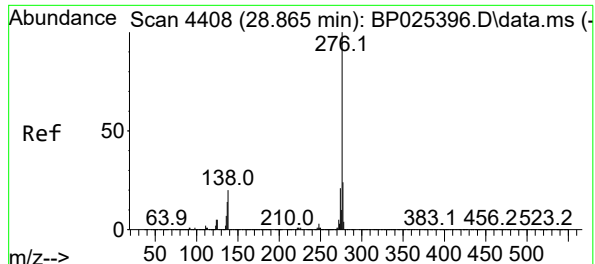
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

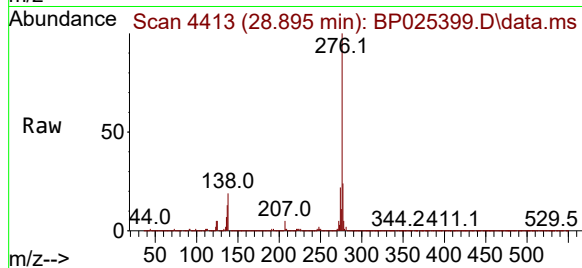
Tgt Ion:264 Resp: 1037707
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4408
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

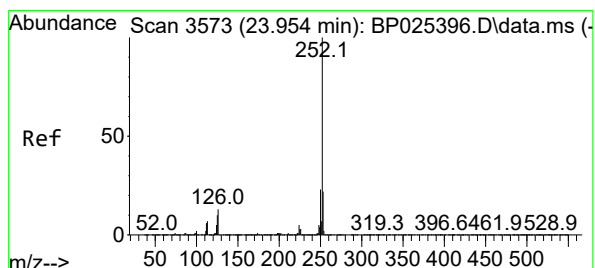
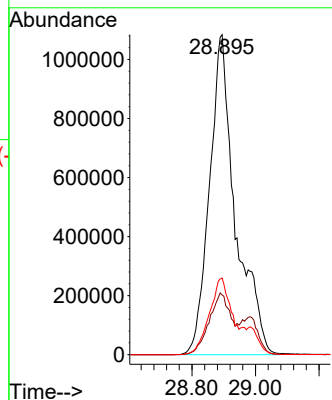
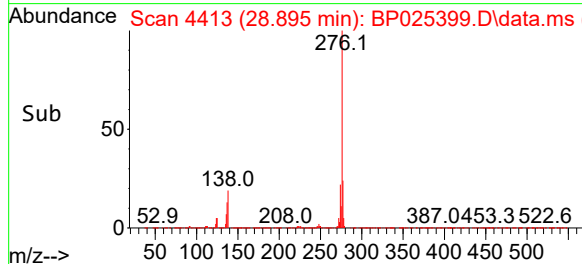
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 6168570
Ion Ratio Lower Upper
276 100
138 16.9 12.9 19.3
277 20.5 17.0 25.6

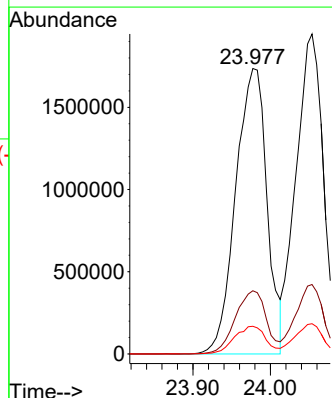
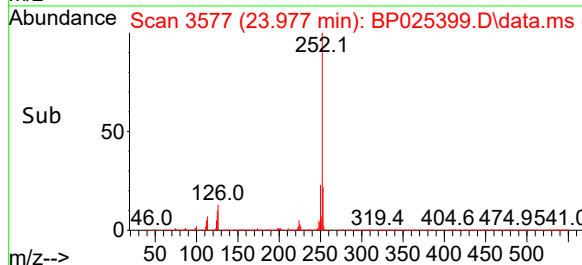
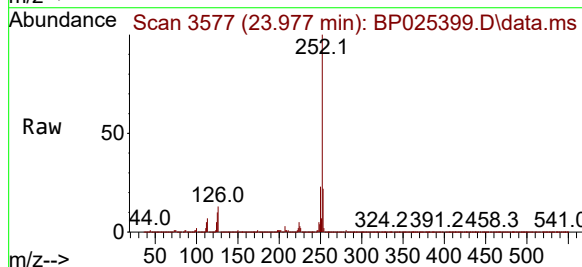
Manual Integrations
APPROVED

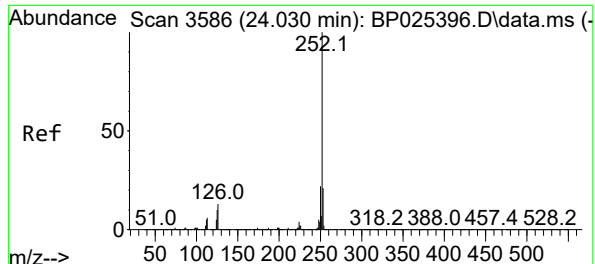
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 252 Resp: 4876398
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 77.323 ng

RT: 24.054 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 473463

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

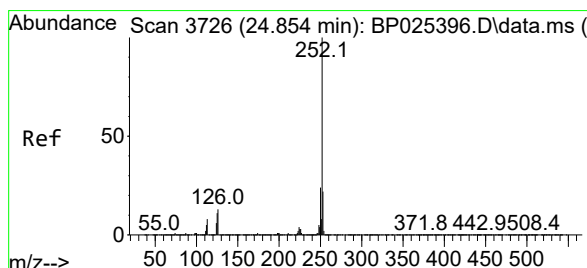
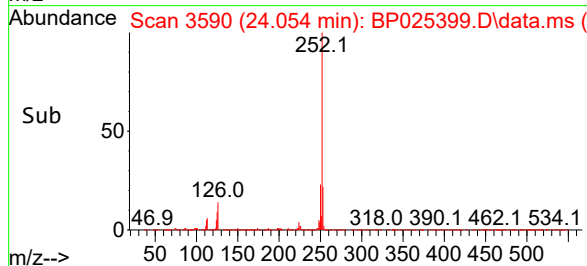
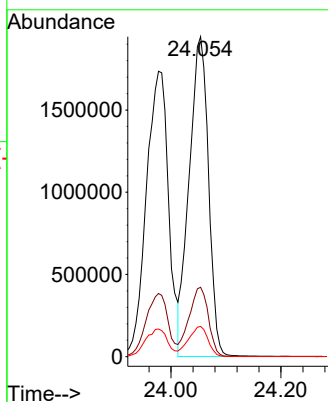
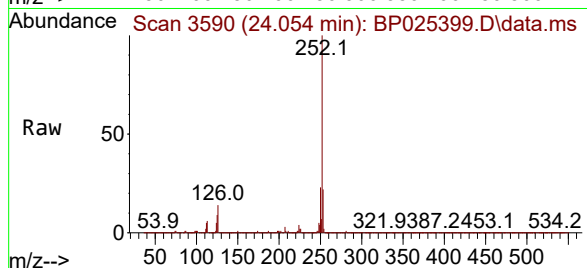
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 79.505 ng

RT: 24.889 min Scan# 3732

Delta R.T. 0.035 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

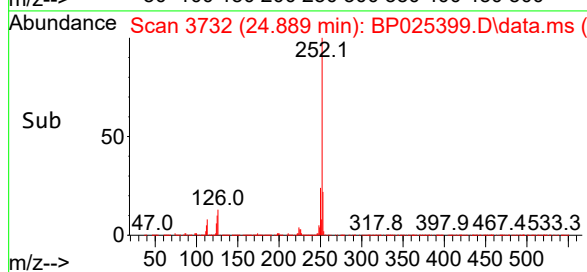
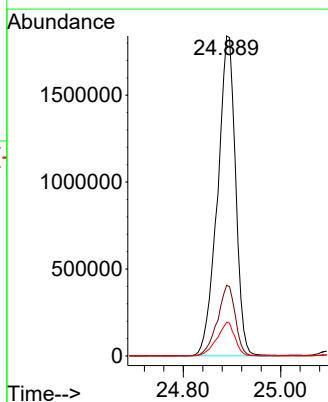
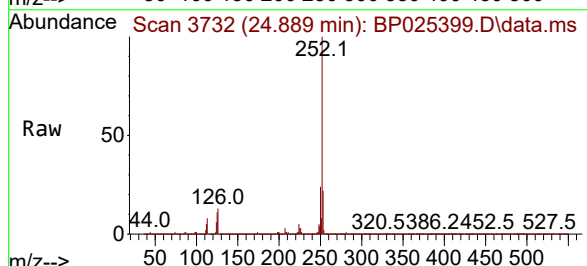
Tgt Ion:252 Resp: 4735685

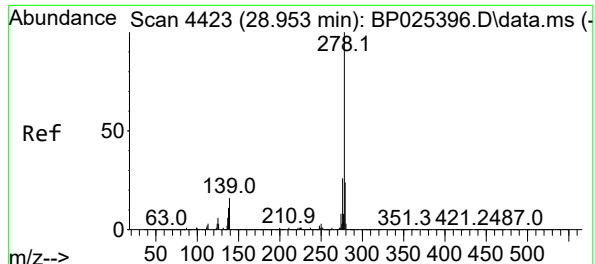
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

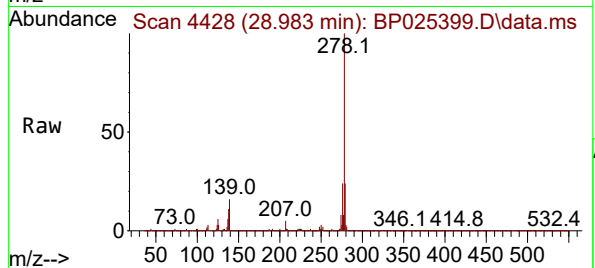
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4423
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

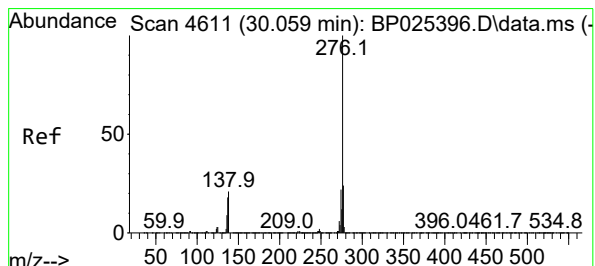
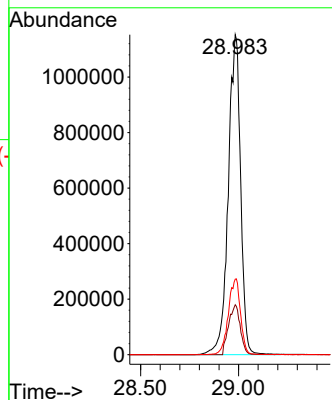
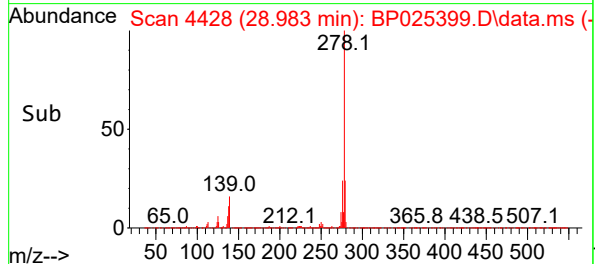
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 5046260
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.6 19.4 29.2

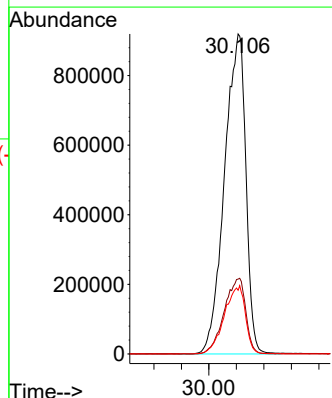
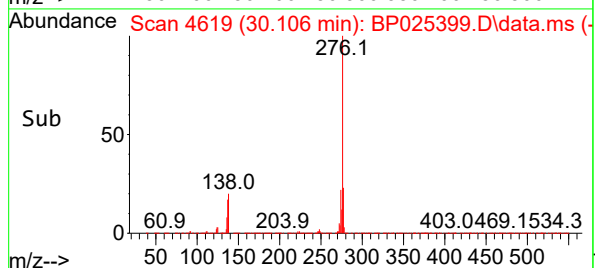
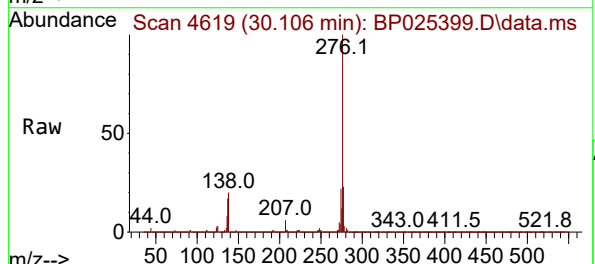
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 276 Resp: 4949477
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 19.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng	0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng	0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	727486	69.430	ng	0.00
7) Phenol-d6	6.966	99	962695	71.663	ng	0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng	0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng	99
3) Pyridine	3.731	79	403298	35.901	ng	98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng	98
6) Aniline	7.125	93	690437	38.147	ng	99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng	99
9) Benzaldehyde	6.943	77	321335	34.142	ng	96
10) Phenol	6.996	94	541123	38.388	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng	99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng	100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng	97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng	99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng	99
17) 2-Methylphenol	8.225	107	380608	38.877	ng	100
18) Hexachloroethane	8.866	117	186691	38.103	ng	97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng	99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng	99
22) Acetophenone	8.602	105	718869	38.216	ng	# 99
24) Nitrobenzene	8.978	77	494466	37.313	ng	98
25) Isophorone	9.501	82	993378	37.855	ng	99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng	97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng	99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng	98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng	98
31) Naphthalene	10.613	128	1459279	37.431	ng	99
32) Benzoic acid	9.884	122	330207	38.242	ng	96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng	99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng	98
35) Caprolactam	11.501	113	163211	38.310	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng	98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng	99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng	100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

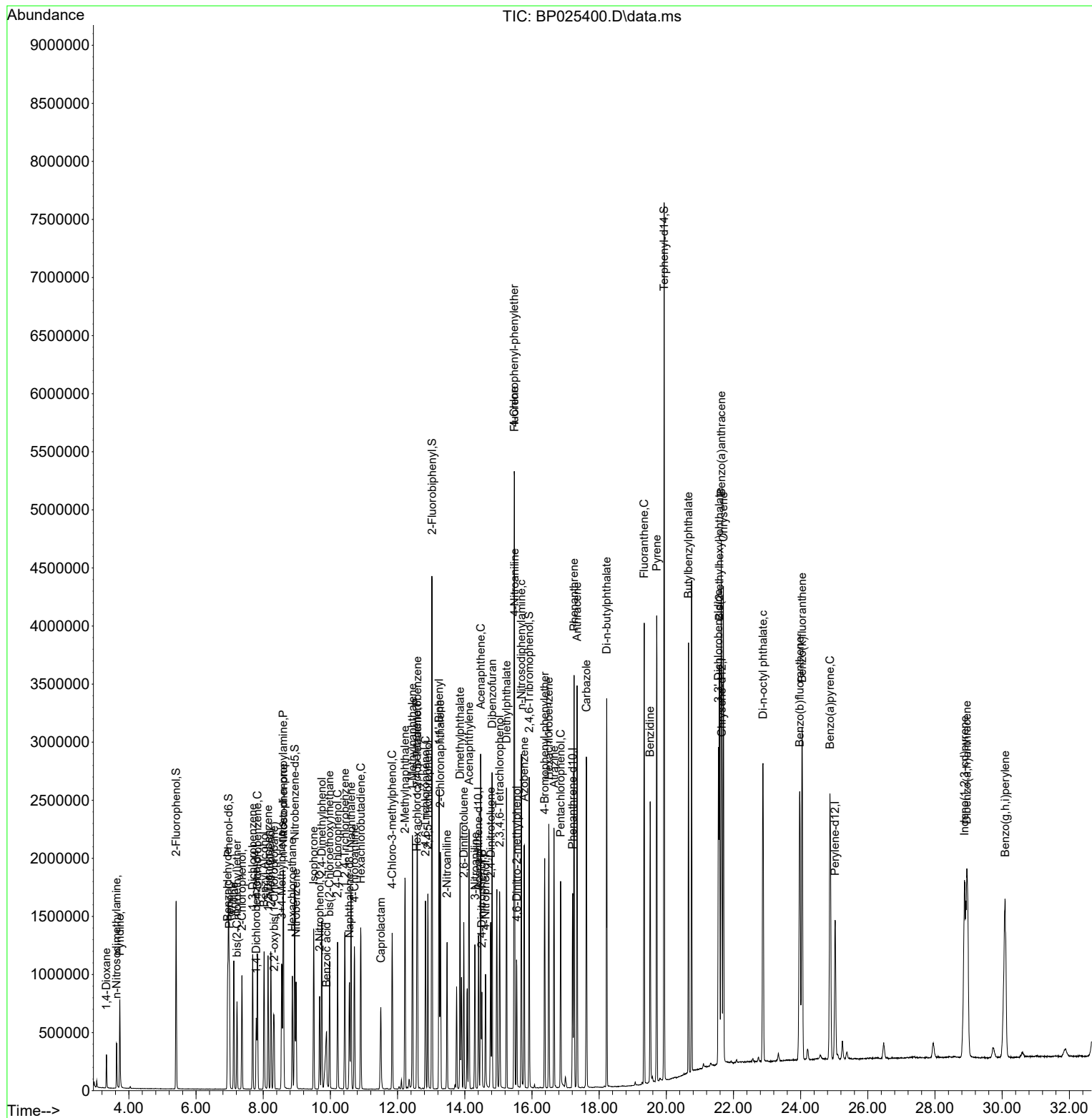
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

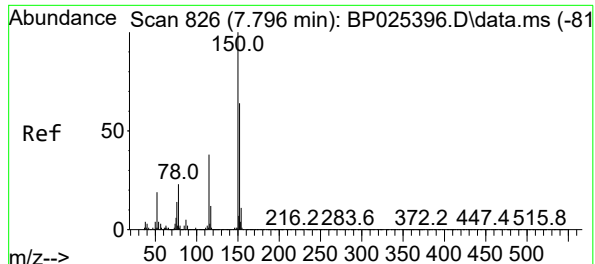
Instrument :
 BNA_P
 ClientSampleId :
 ICVP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

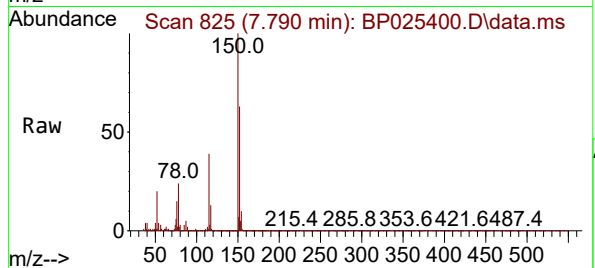
Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

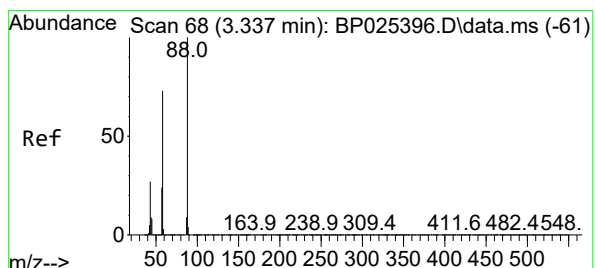
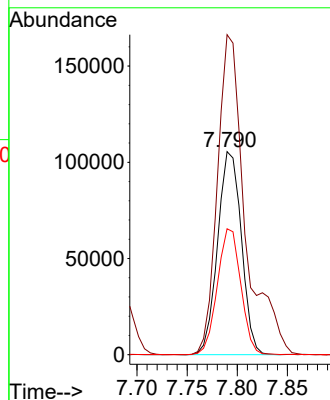
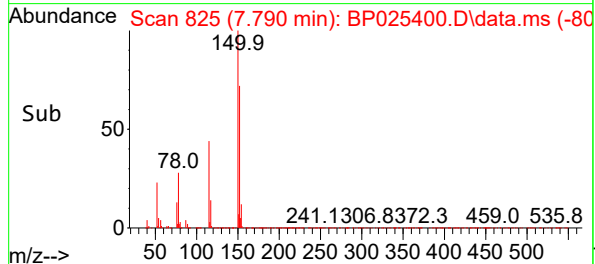
Instrument :
BNA_P
Client Sample Id :
ICVBP081425



Tgt Ion: 152 Resp: 17400
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 62.0 48.5 72.7

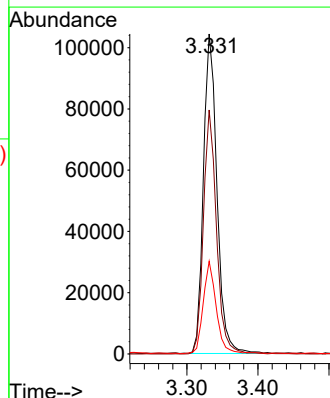
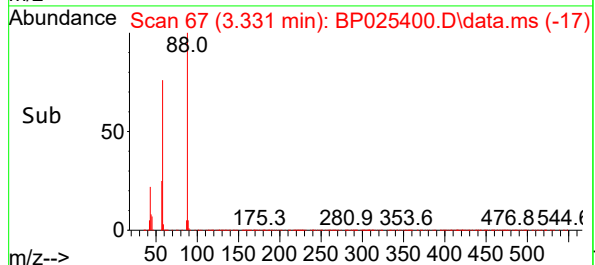
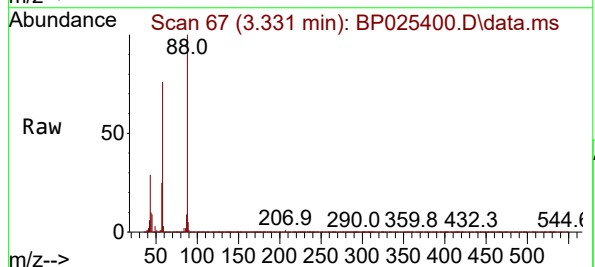
Manual Integrations
APPROVED

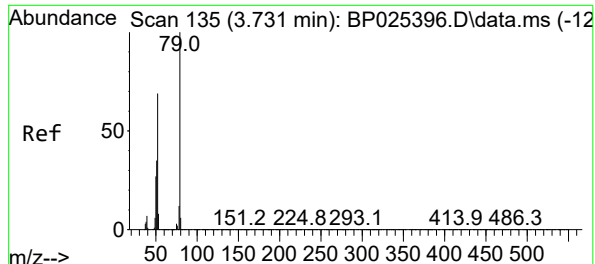
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687
Ion Ratio Lower Upper
88 100
58 73.7 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 35.901 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 403298

Ion Ratio Lower Upper

79 100

52 70.8 55.5 83.3

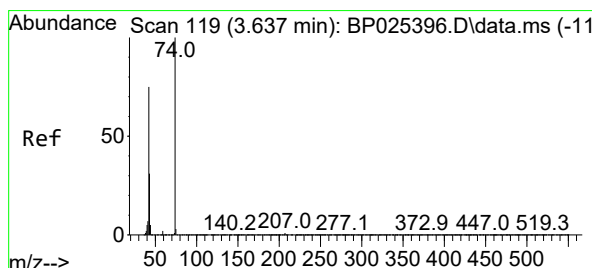
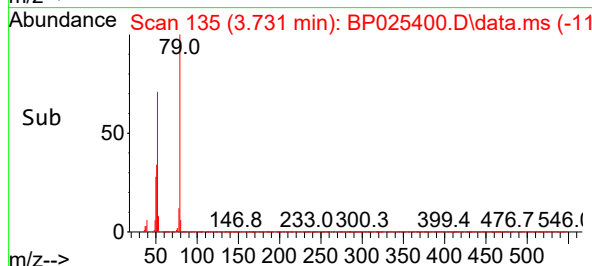
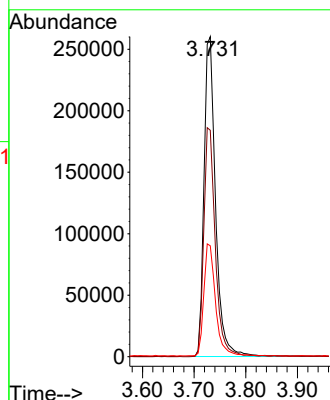
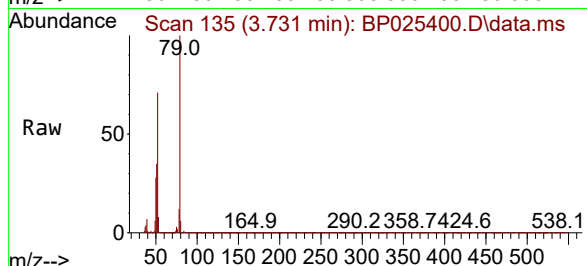
51 34.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 38.115 ng

RT: 3.631 min Scan# 118

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

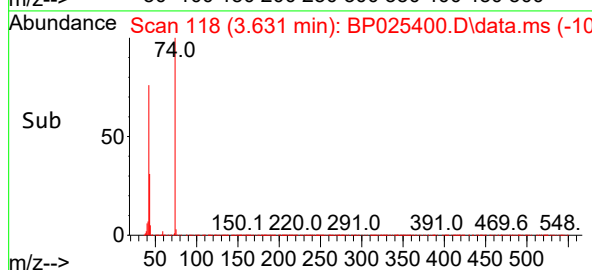
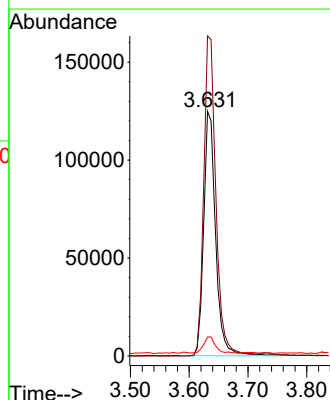
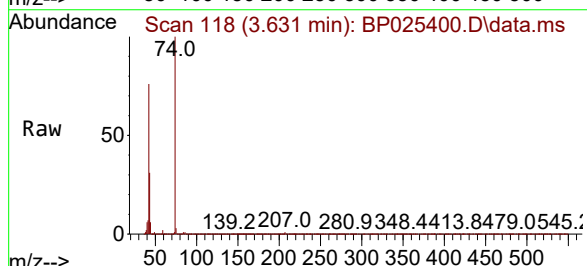
Tgt Ion: 42 Resp: 176521

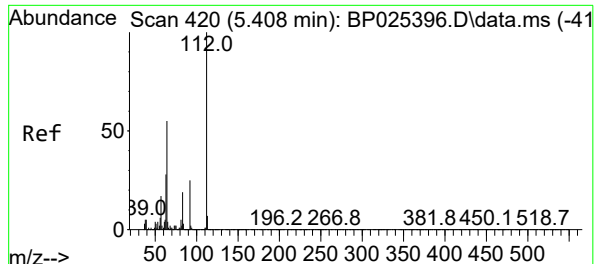
Ion Ratio Lower Upper

42 100

74 130.8 107.0 160.4

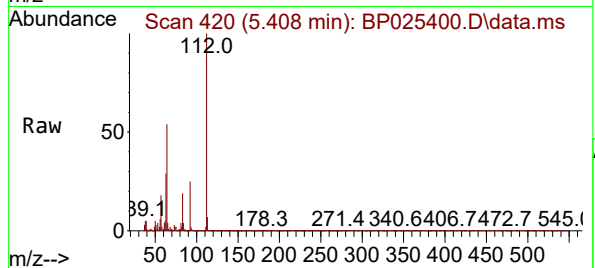
44 7.7 6.2 9.4





#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

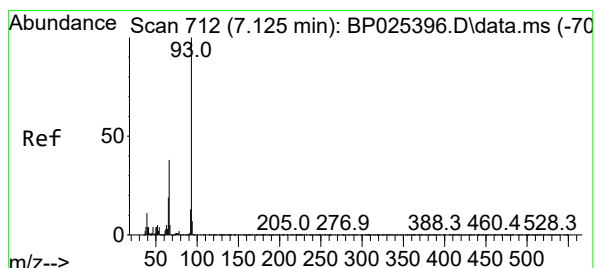
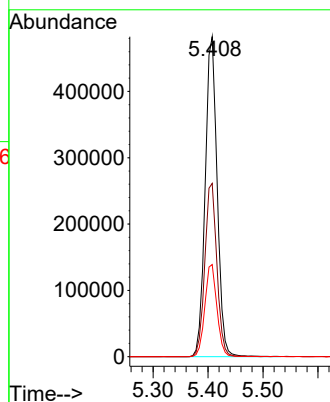
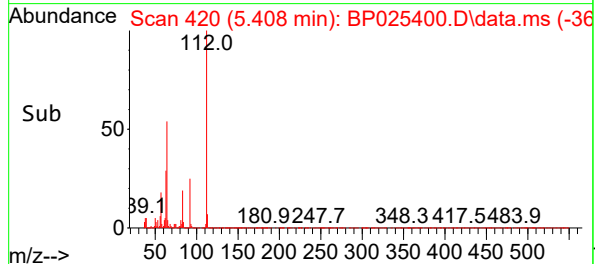
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:112 Resp: 727480
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.8
63 28.8 22.7 34.1

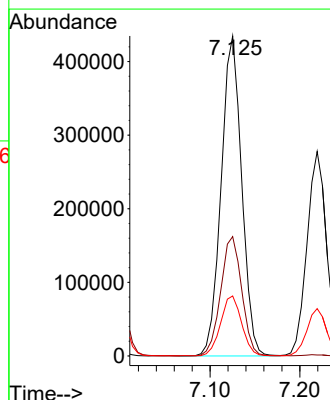
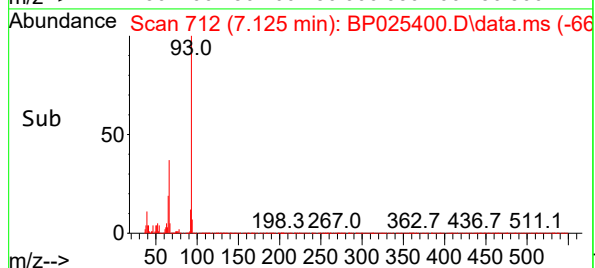
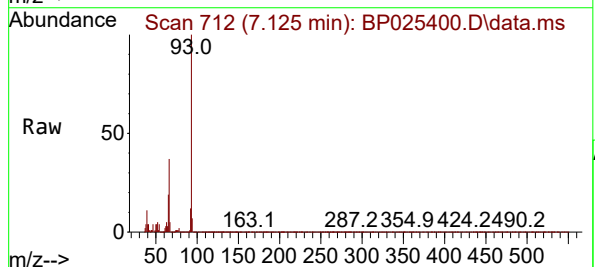
Manual Integrations
APPROVED

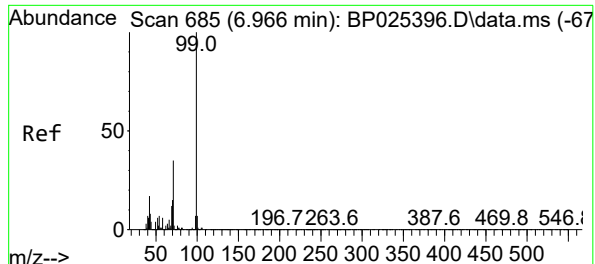
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

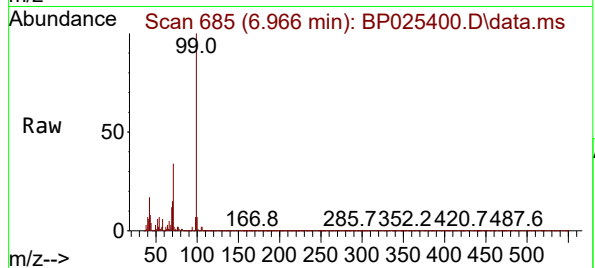
Tgt Ion: 93 Resp: 690437
Ion Ratio Lower Upper
93 100
66 37.3 30.4 45.6
65 18.7 15.3 22.9





#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

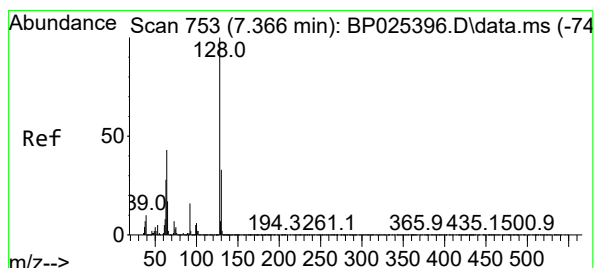
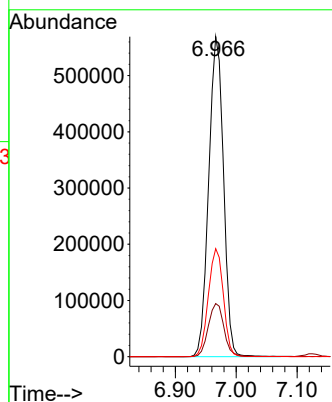
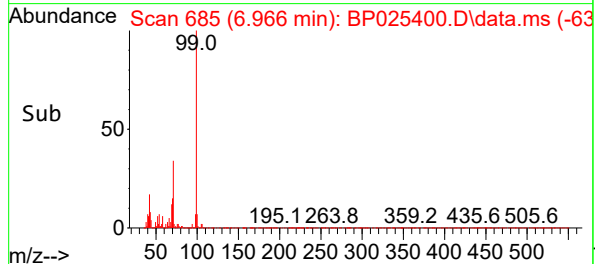
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 99 Resp: 96269
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.7 28.2 42.4

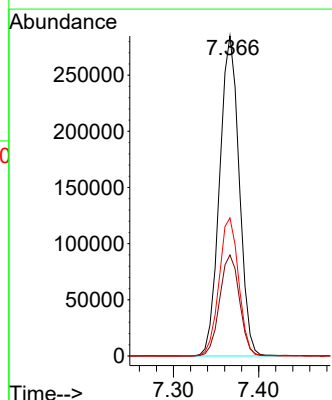
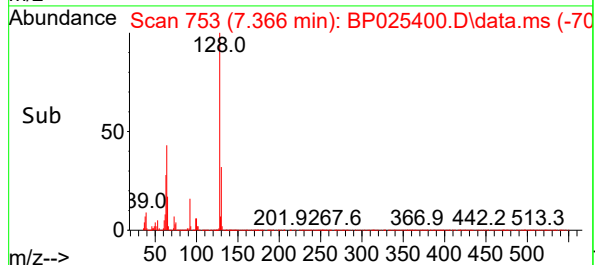
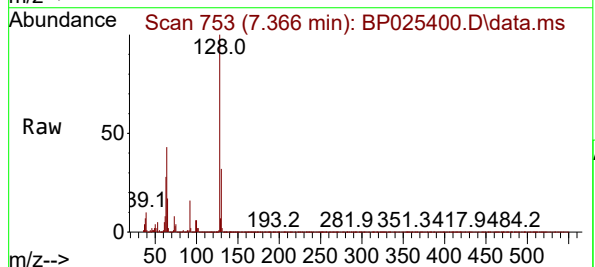
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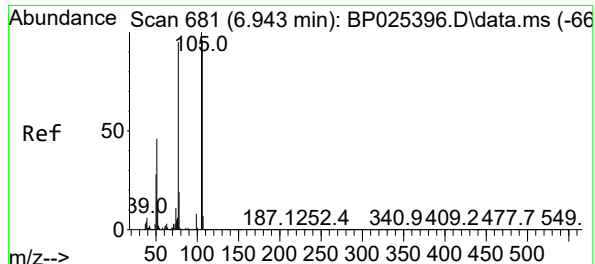
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

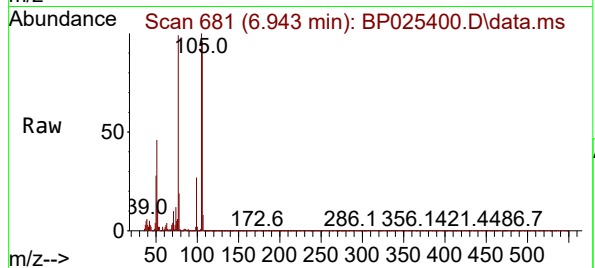
Tgt Ion:128 Resp: 455230
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 43.2 23.4 63.4





#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

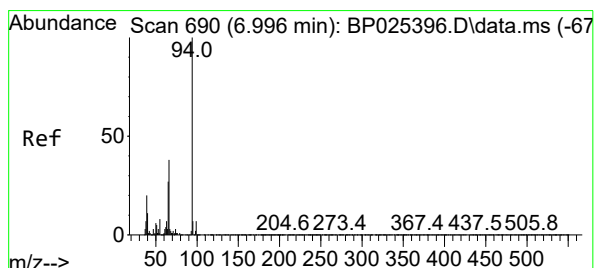
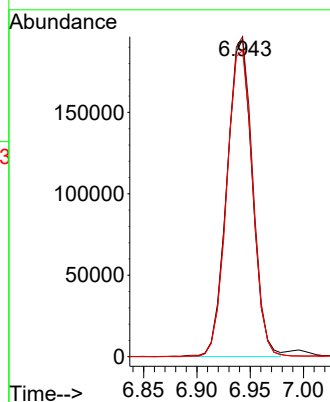
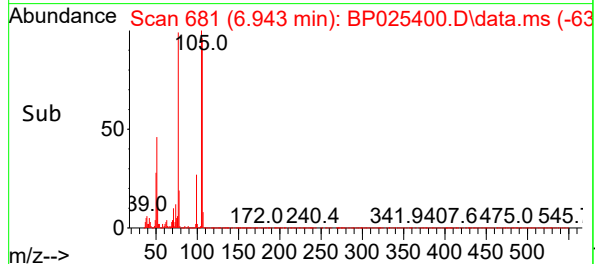
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 77 Resp: 32133
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 96.6 80.5 120.5

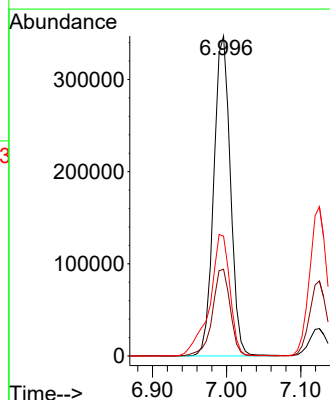
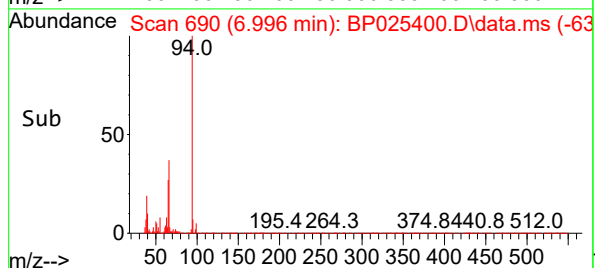
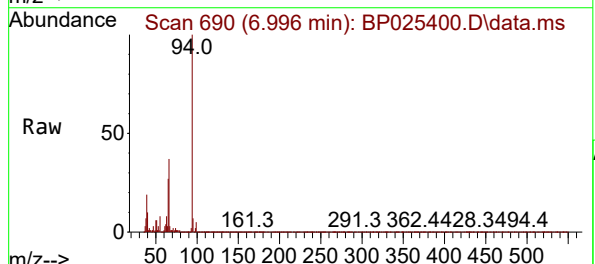
Manual Integrations
APPROVED

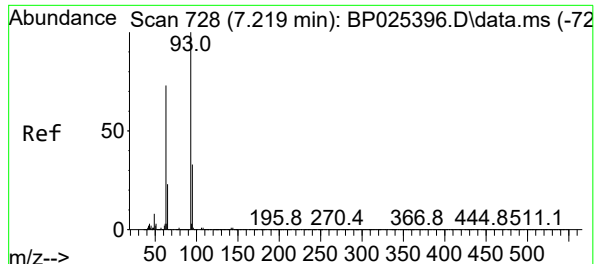
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

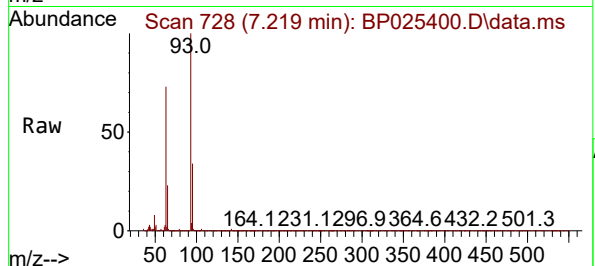
Tgt Ion: 94 Resp: 541123
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 37.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

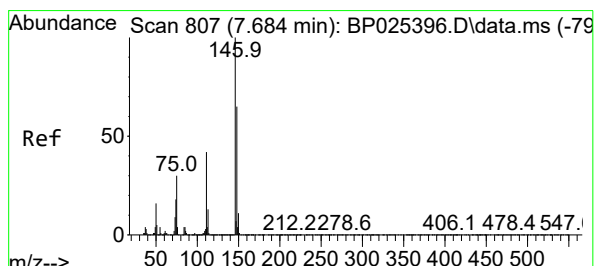
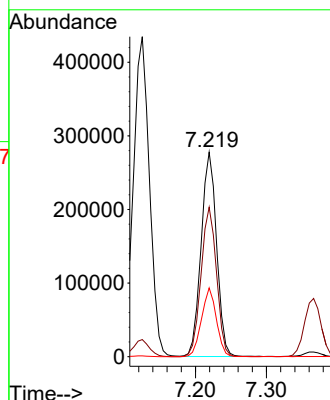
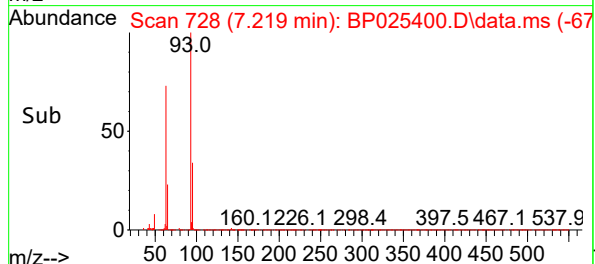
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



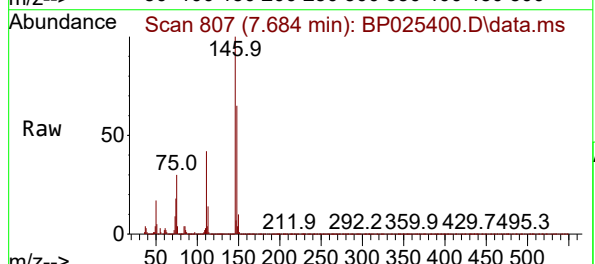
Tgt Ion: 93 Resp: 421318
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 33.6 12.7 52.7

Manual Integrations
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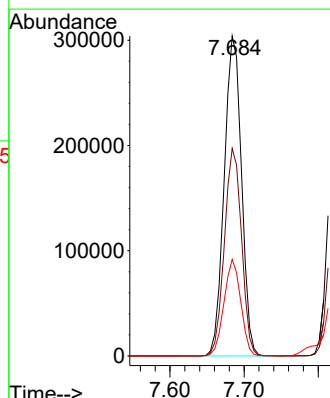
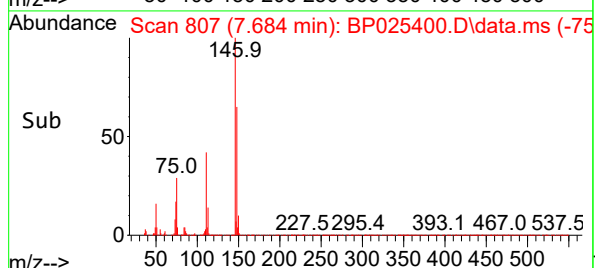
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

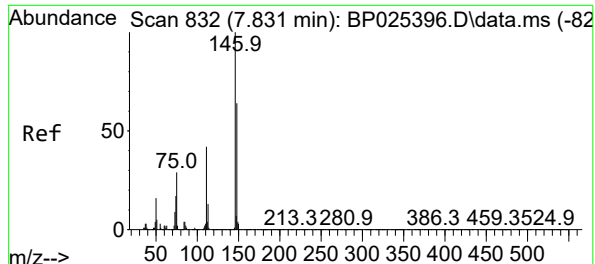


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:146 Resp: 492014
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 30.1 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.890 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:146 Resp: 504919

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

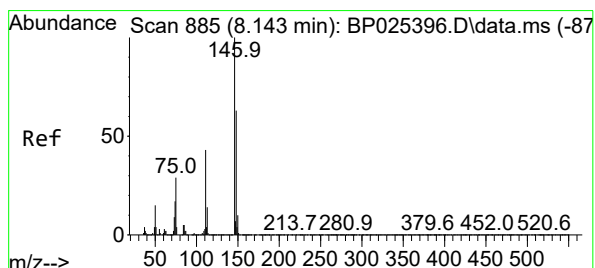
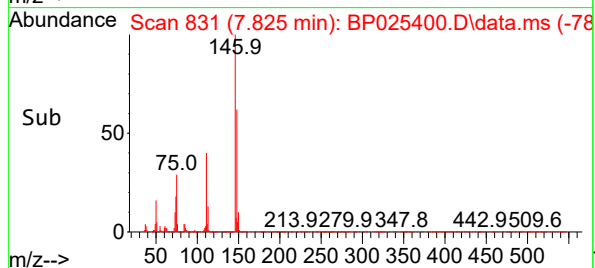
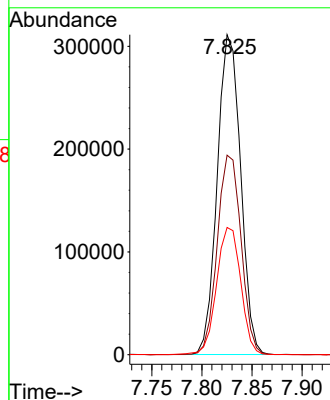
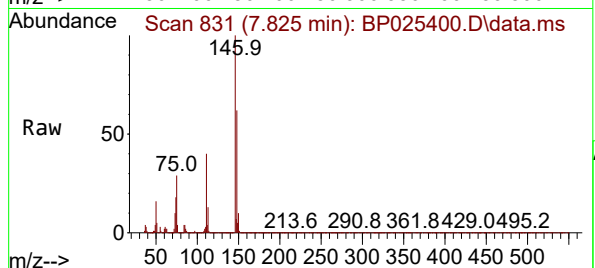
111 39.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 37.818 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

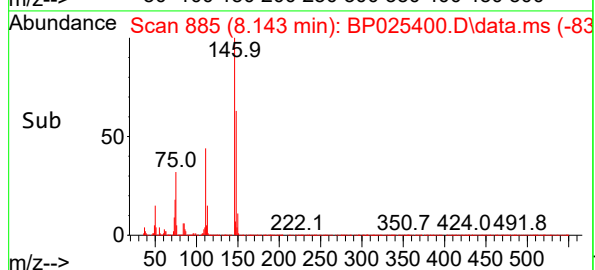
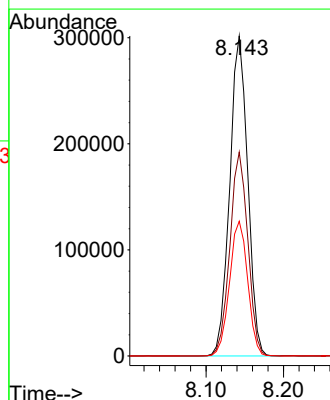
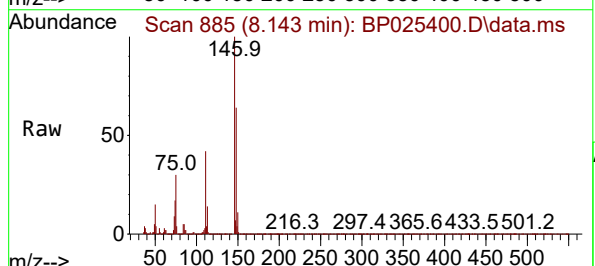
Tgt Ion:146 Resp: 487845

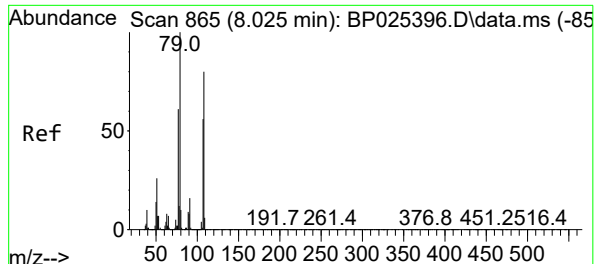
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 42.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 39.025 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 416544

Ion Ratio Lower Upper

79 100

108 78.5 63.8 95.6

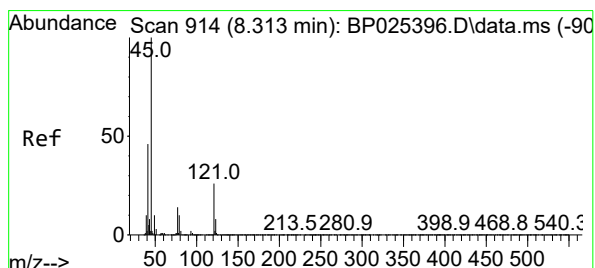
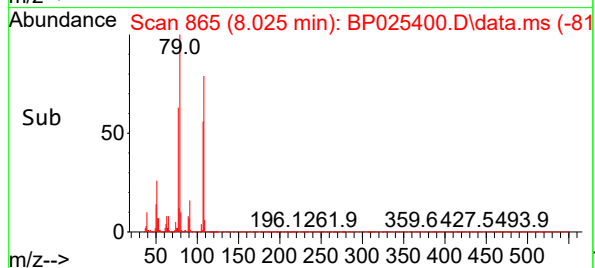
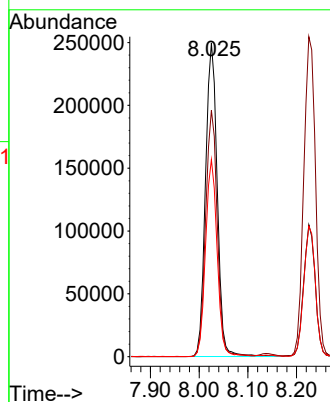
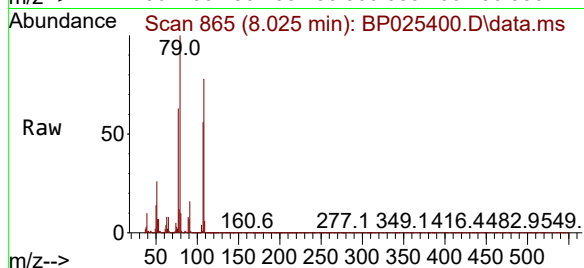
77 62.8 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.271 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

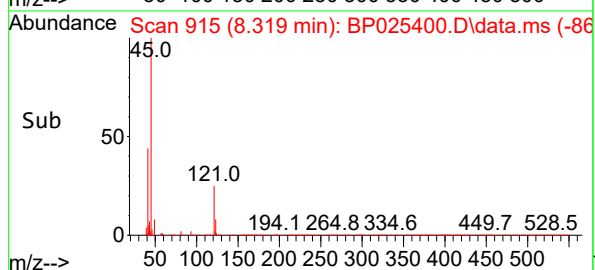
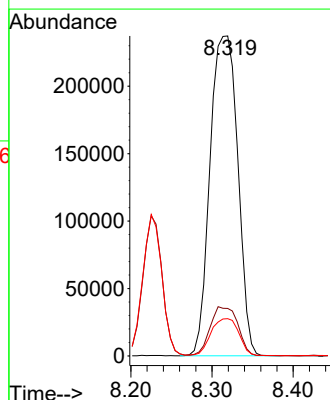
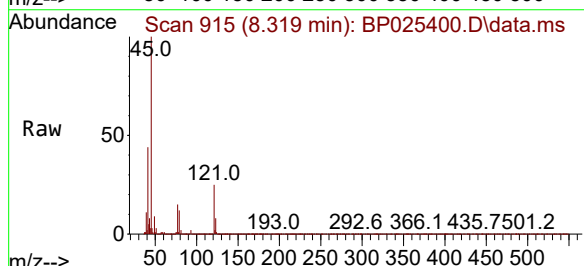
Tgt Ion: 45 Resp: 563276

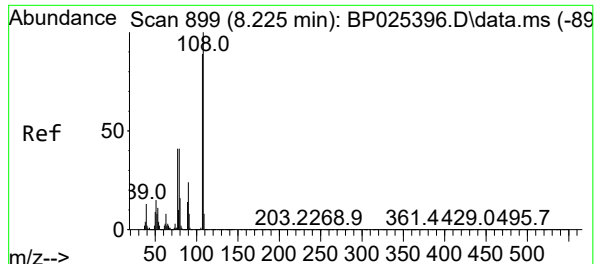
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.3

79 11.7 0.0 31.8





#17

2-Methylphenol

Concen: 38.877 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:107 Resp: 380608

Ion Ratio Lower Upper

107 100

108 111.0 89.4 134.0

77 45.3 36.3 54.5

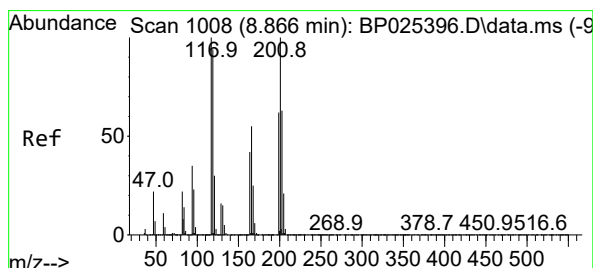
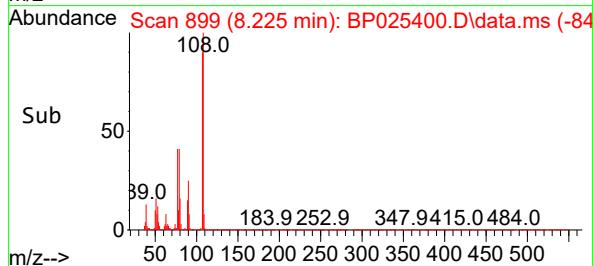
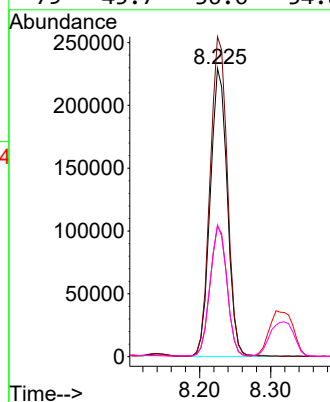
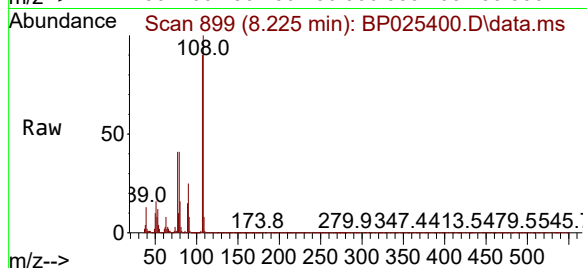
79 45.7 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.103 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

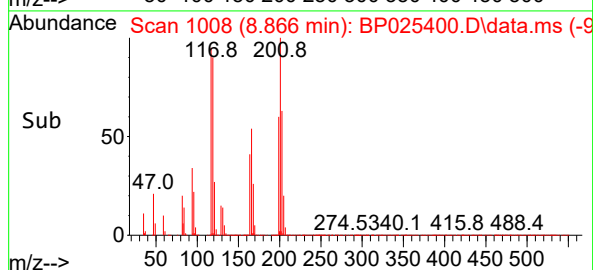
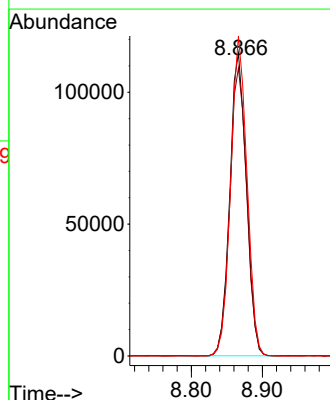
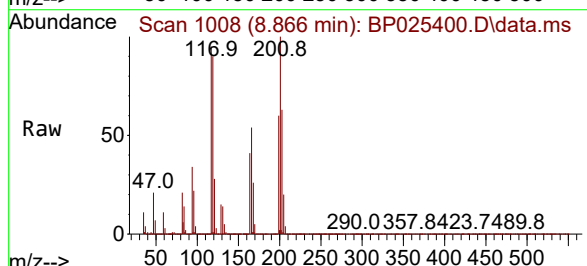
Tgt Ion:117 Resp: 186691

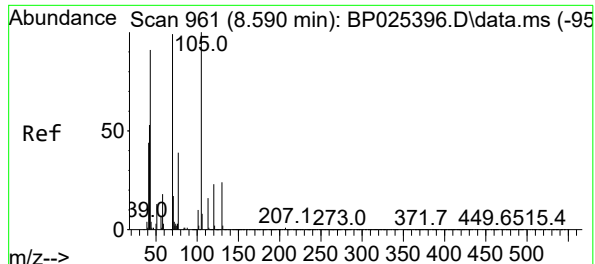
Ion Ratio Lower Upper

117 100

119 95.0 75.1 112.7

201 105.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.270 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 70 Resp: 34053

Ion Ratio Lower Upper

70 100

42 55.7 43.8 65.6

101 10.7 8.5 12.7

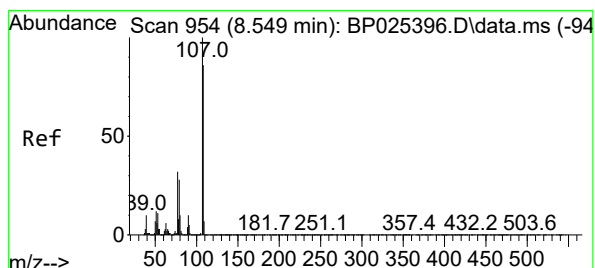
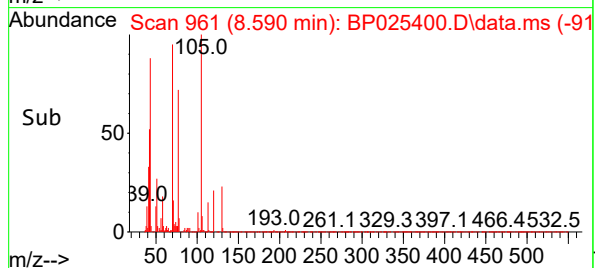
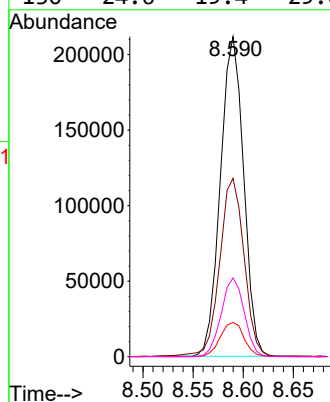
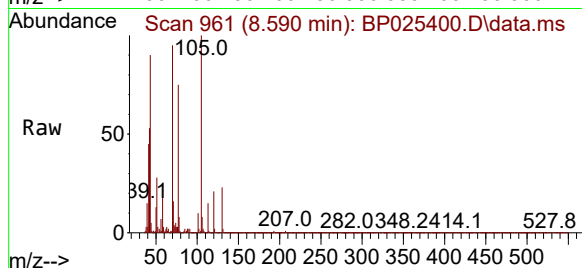
130 24.6 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 38.620 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

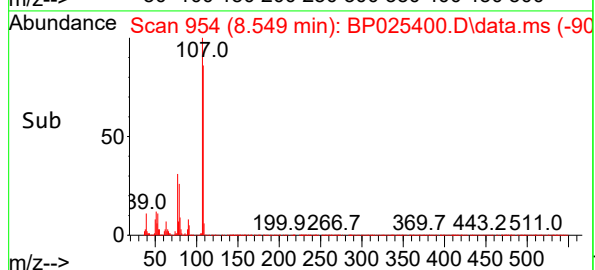
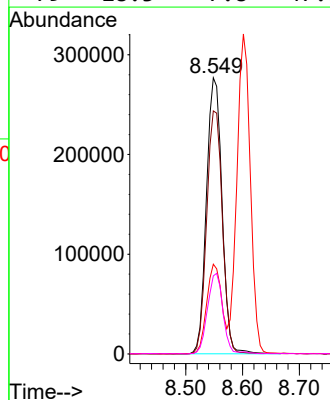
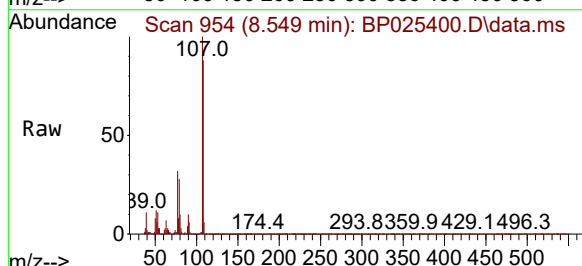
Ion Ratio Lower Upper

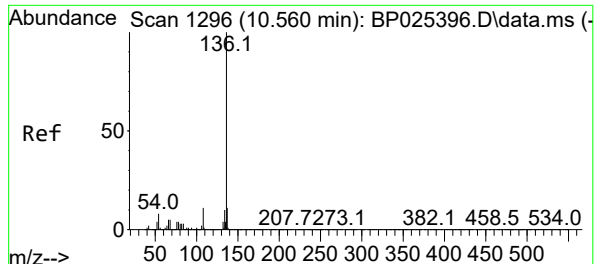
107 100

108 88.0 66.3 106.3

77 32.5 12.3 52.3

79 28.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:136 Resp: 750079

Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.3 6.0 9.0

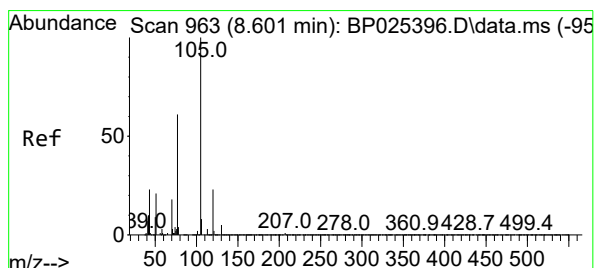
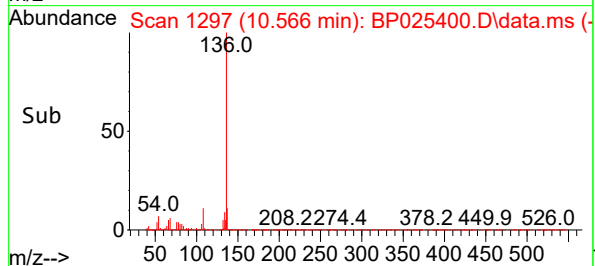
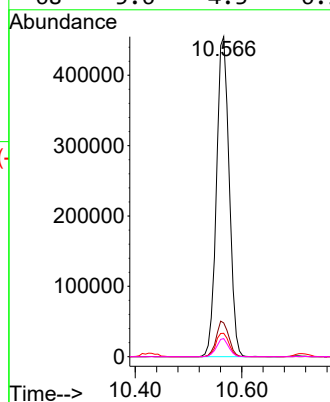
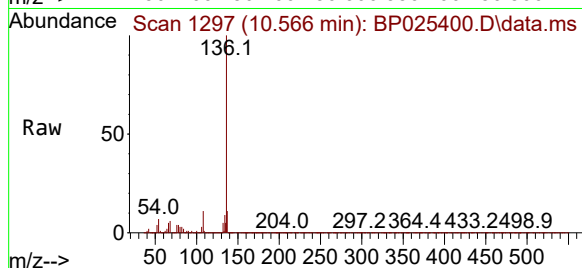
68 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 38.216 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

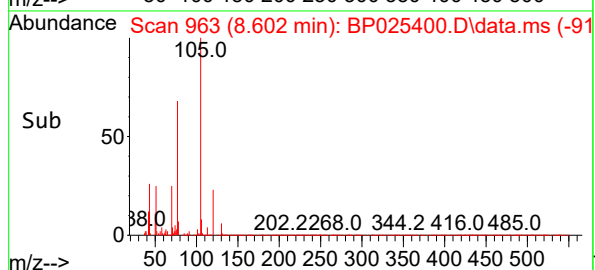
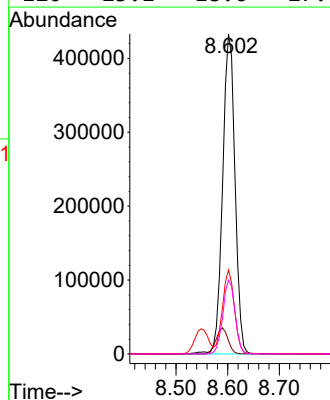
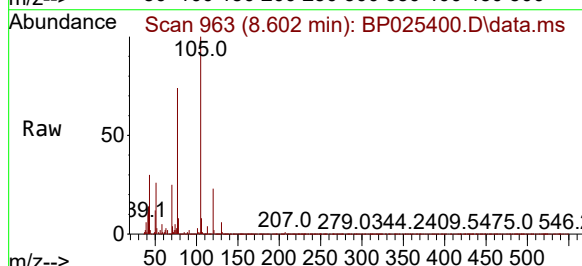
Ion Ratio Lower Upper

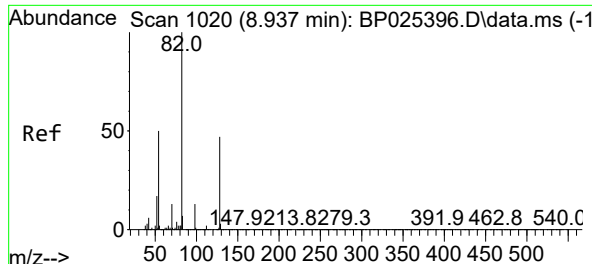
105 100

71 4.2 2.6 4.0#

51 26.2 20.6 30.8

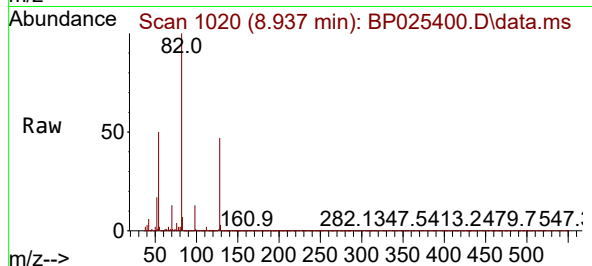
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

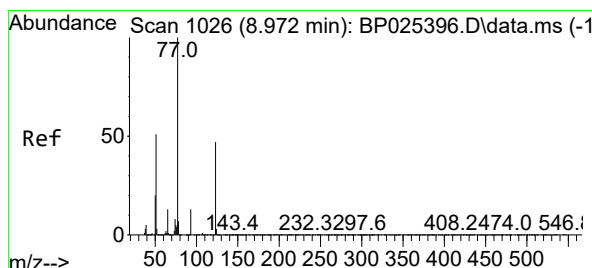
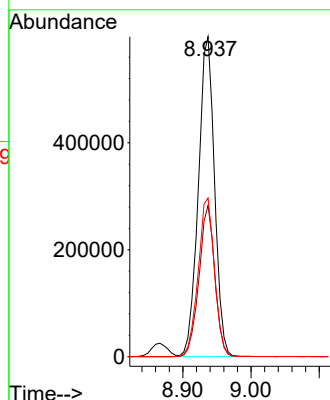
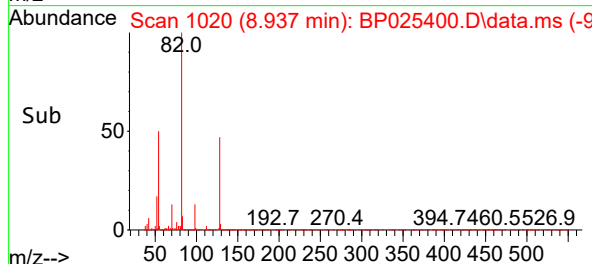
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



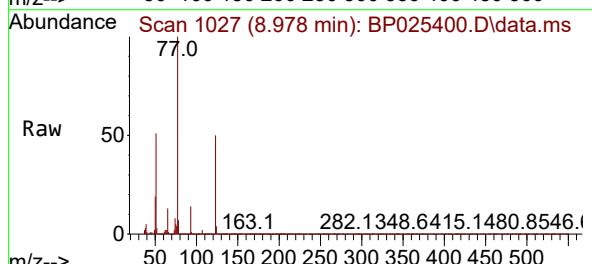
Tgt Ion: 82 Resp: 98444
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 49.6 39.8 59.6

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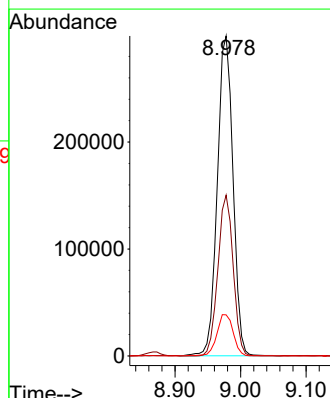
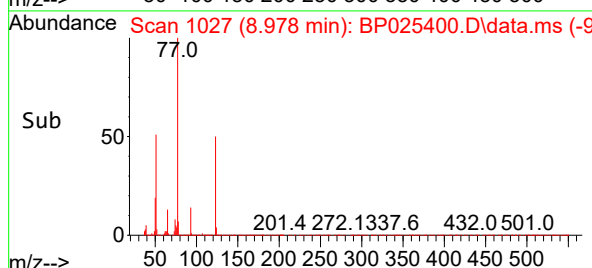
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

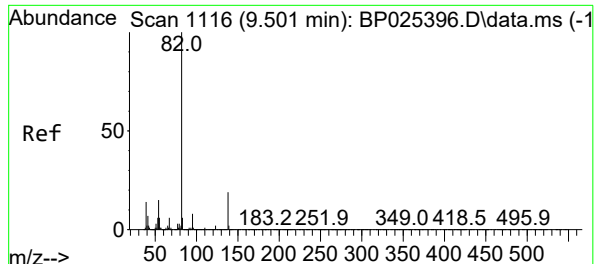


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



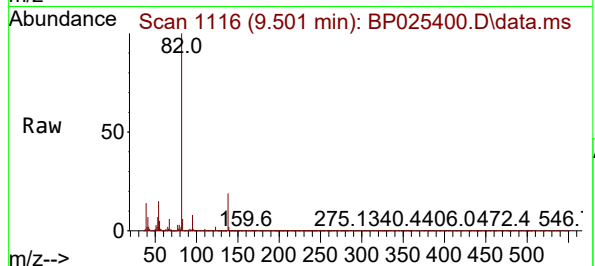
Tgt Ion: 77 Resp: 494466
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 12.9 10.6 15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

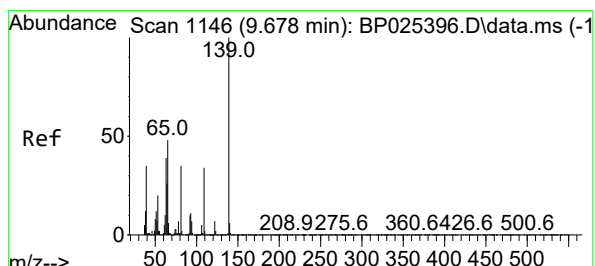
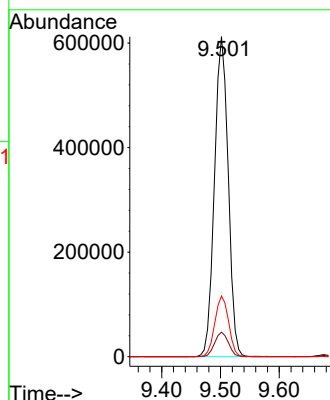
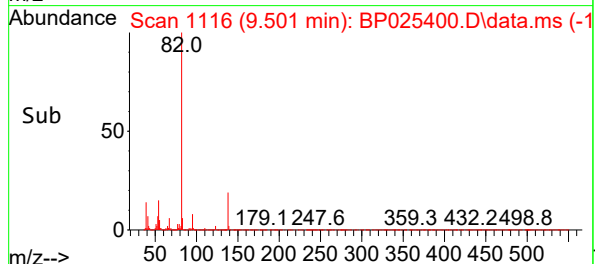
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 82 Resp: 993378
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.9 15.4 23.0

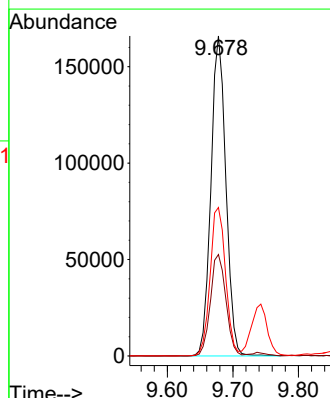
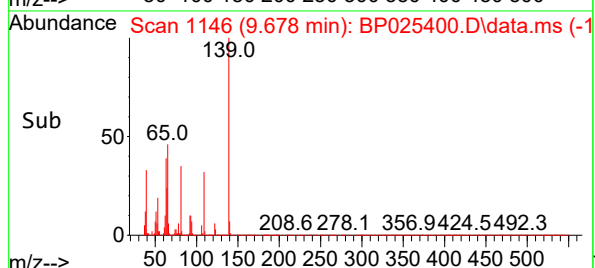
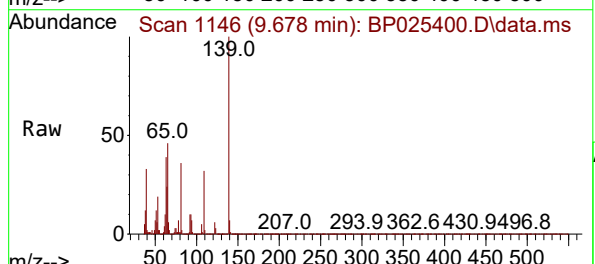
Manual Integrations
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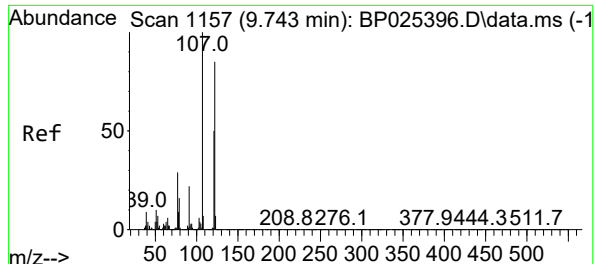
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348
Ion Ratio Lower Upper
139 100
109 31.7 26.9 40.3
65 46.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025400.D

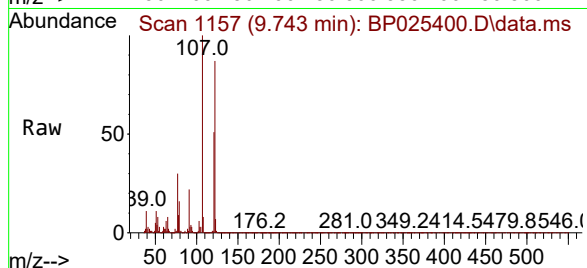
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



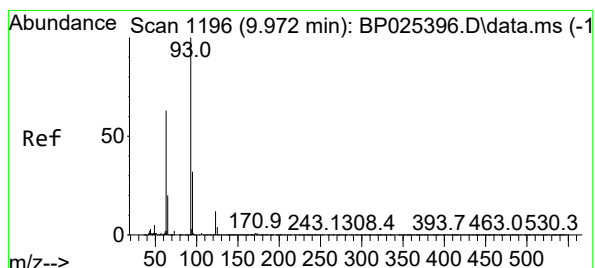
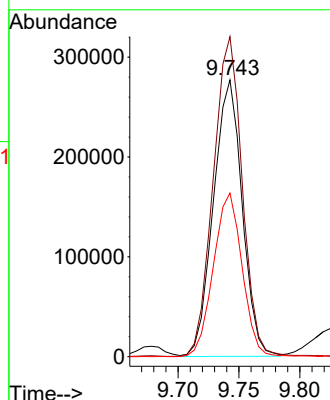
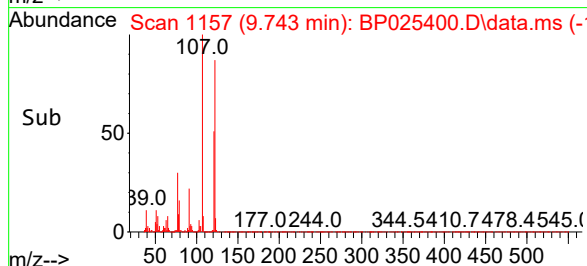
Tgt Ion:	122	Resp:	455078
Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.7	140.5
121	59.1	46.6	69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

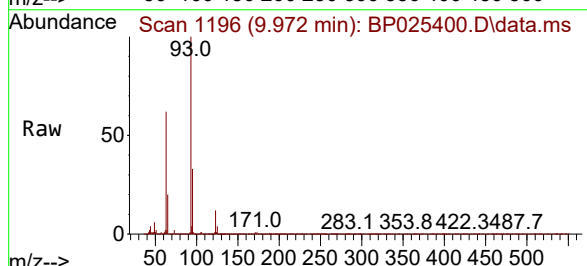
Concen: 37.816 ng

RT: 9.972 min Scan# 1196

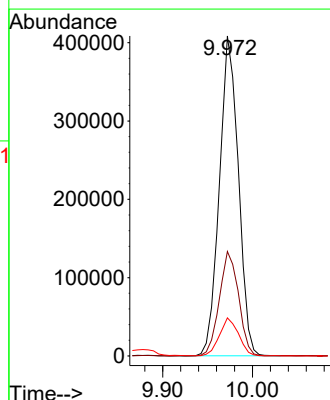
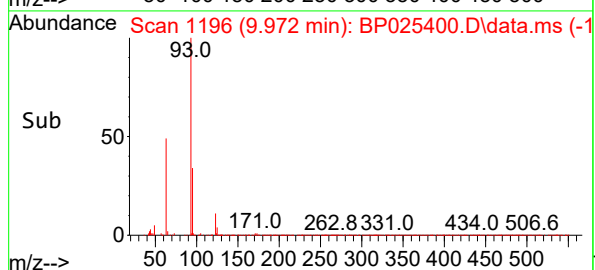
Delta R.T. 0.000 min

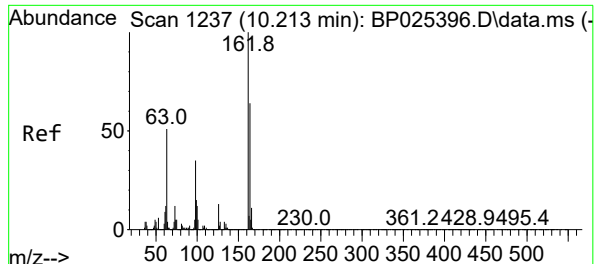
Lab File: BP025400.D

Acq: 14 Aug 2025 18:05



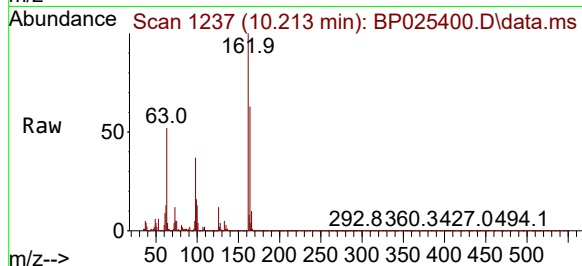
Tgt Ion:	93	Resp:	599862
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.9	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

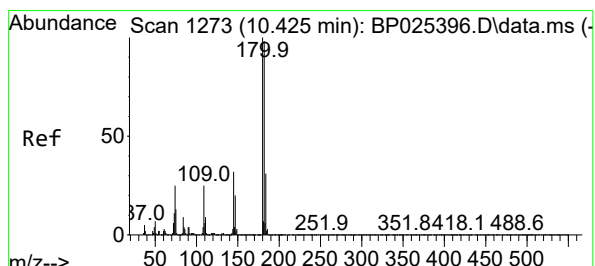
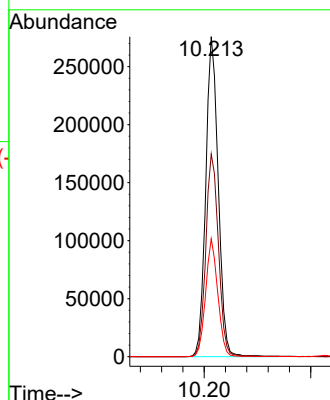
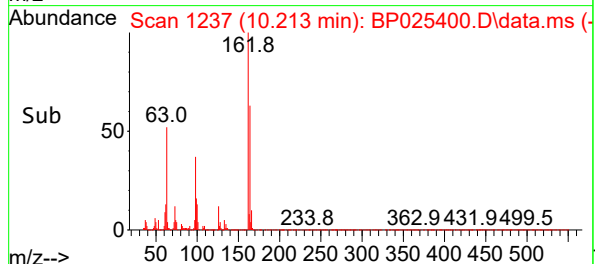
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



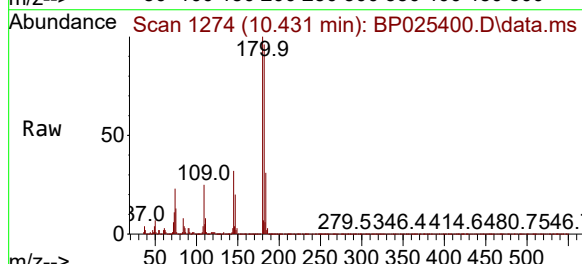
Tgt Ion:162 Resp: 449034
Ion Ratio Lower Upper
162 100
164 63.3 44.4 84.4
98 36.9 14.9 54.9

Manual Integrations
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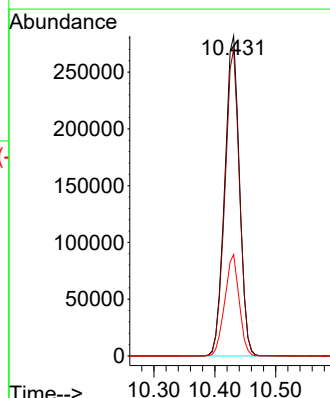
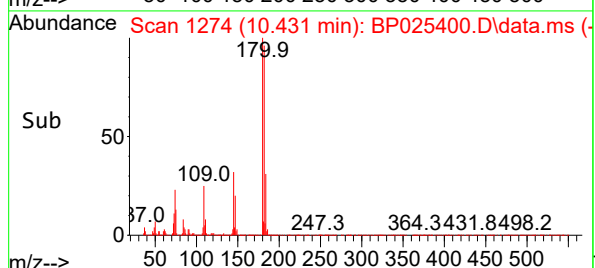
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

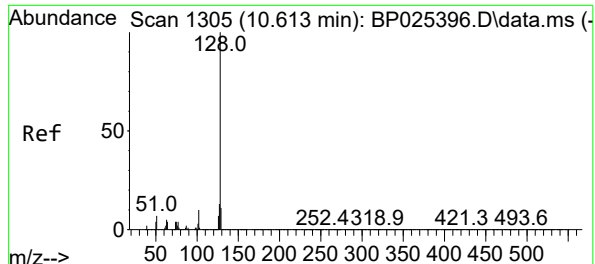


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:180 Resp: 474183
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 31.7 25.9 38.9





#31

Naphthalene

Concen: 37.431 ng

RT: 10.613 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:128 Resp: 1459279

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

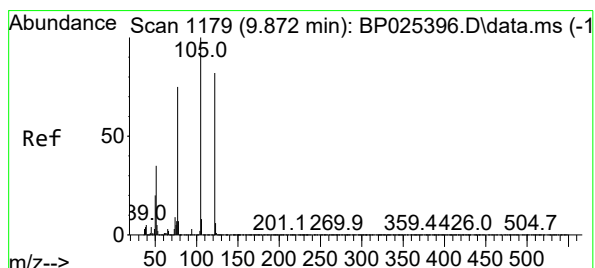
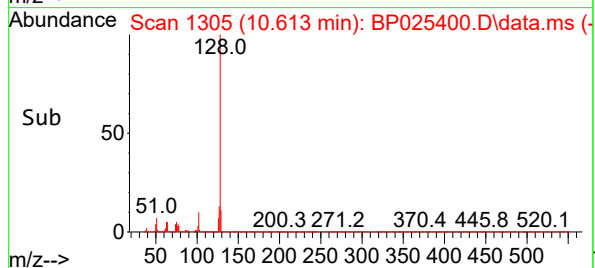
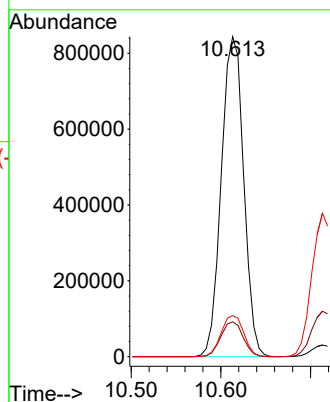
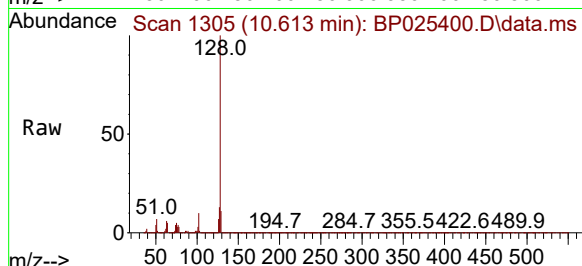
127 12.8 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 38.242 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

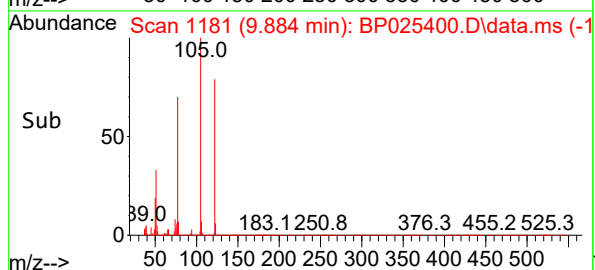
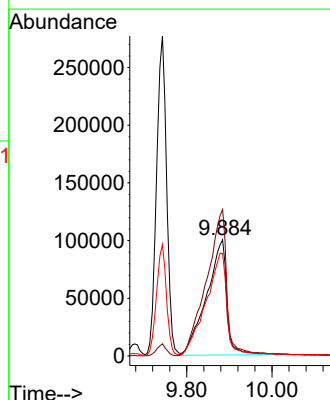
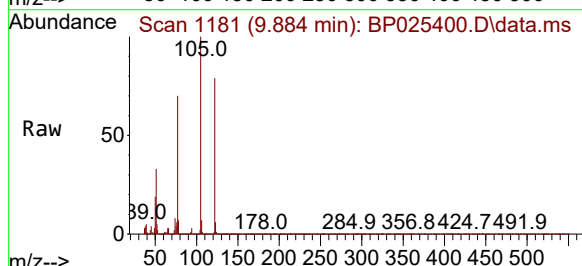
Tgt Ion:122 Resp: 330207

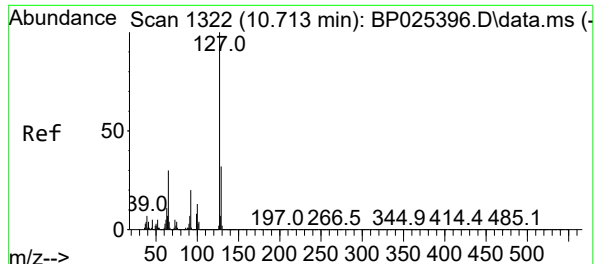
Ion Ratio Lower Upper

122 100

105 126.0 100.6 140.6

77 88.0 71.5 111.5





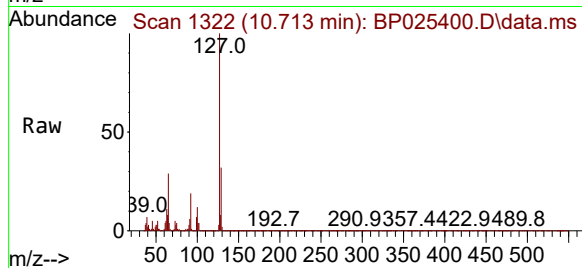
#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



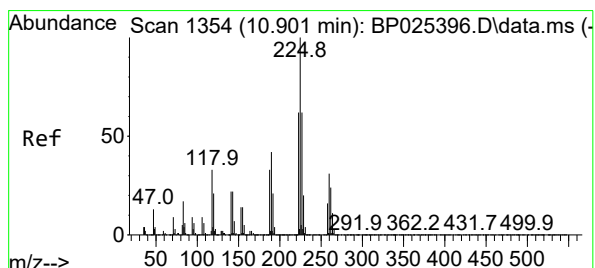
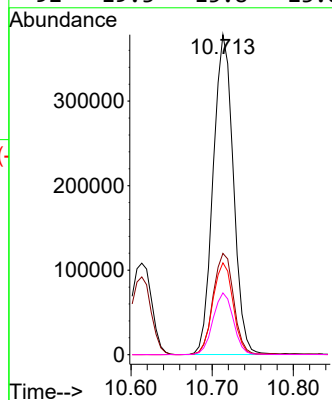
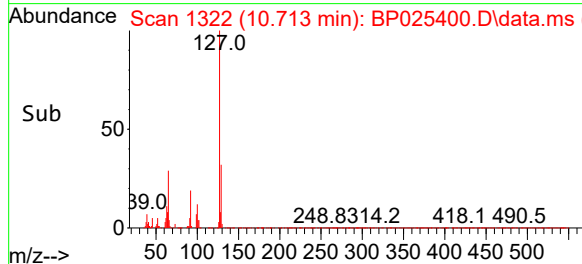
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	28.7	23.8	35.6
92	19.3	15.8	23.8

Manual Integrations

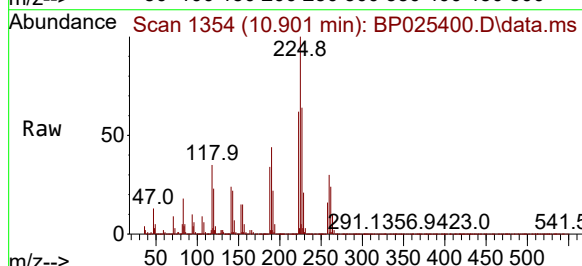
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

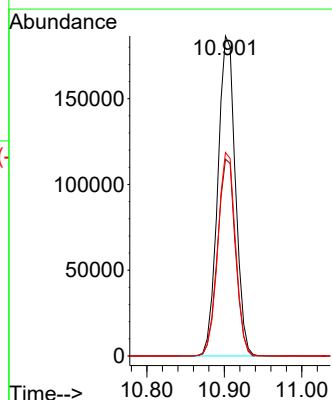
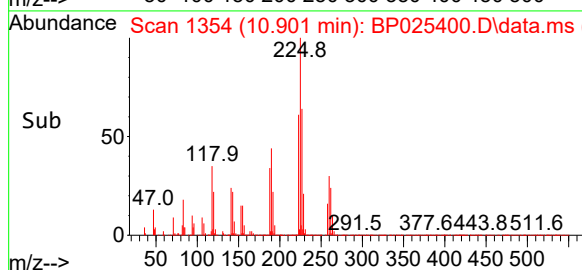
Supervised By :Jagrut Upadhyay 08/15/2025

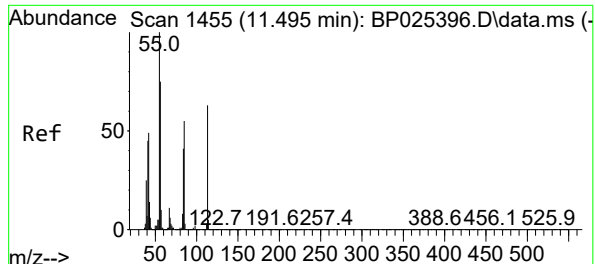


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



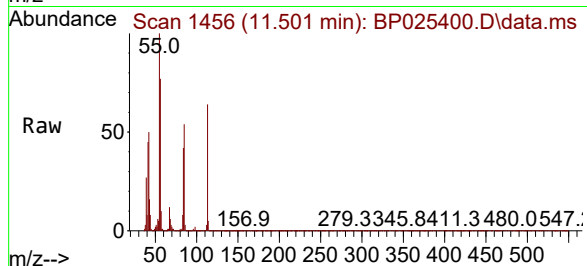
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	63.6	49.7	74.5





#35
 Caprolactam
 Concen: 38.310 ng
 RT: 11.501 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BP025400.D
 Acq: 14 Aug 2025 18:05

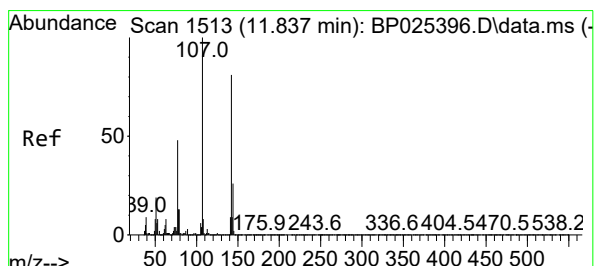
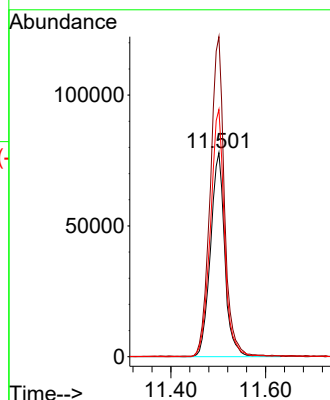
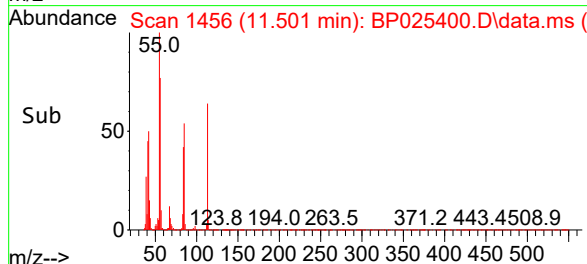
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425



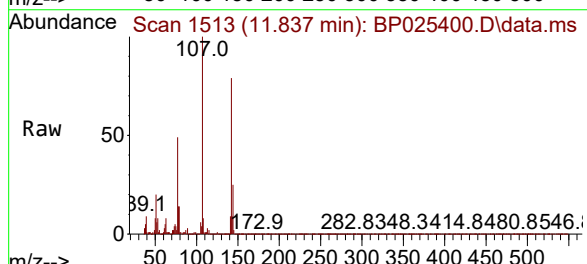
Tgt Ion:113 Resp: 16321
 Ion Ratio Lower Upper
 113 100
 55 156.9 140.0 180.0
 56 121.2 100.0 140.0

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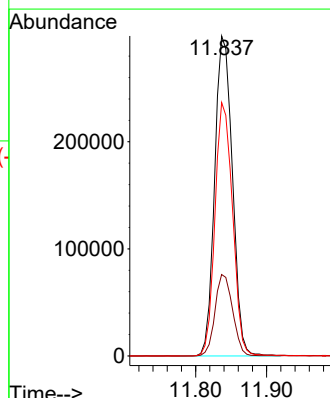
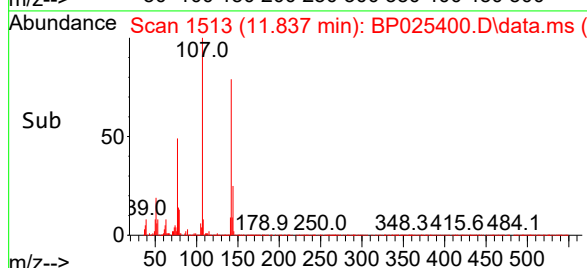
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

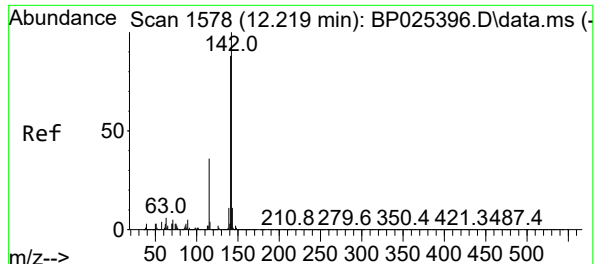


#36
 4-Chloro-3-methylphenol
 Concen: 38.789 ng
 RT: 11.837 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BP025400.D
 Acq: 14 Aug 2025 18:05



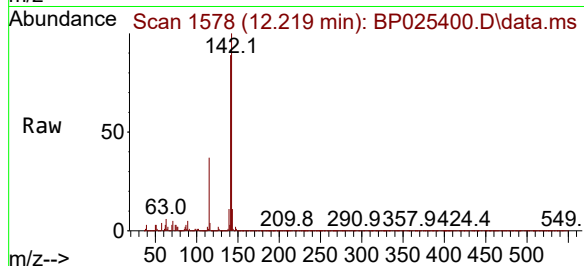
Tgt Ion:107 Resp: 517126
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.4
 142 79.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

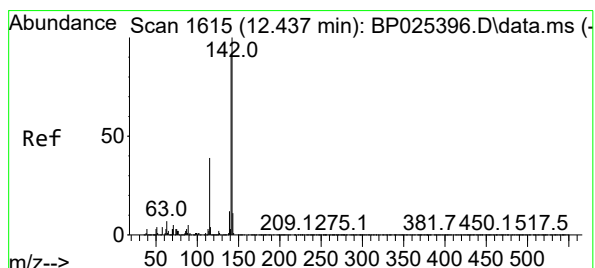
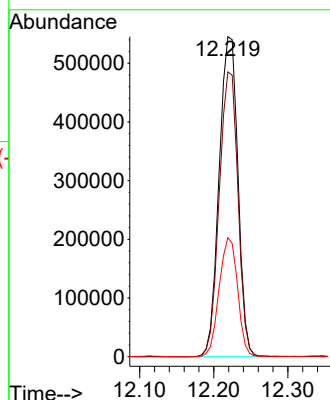
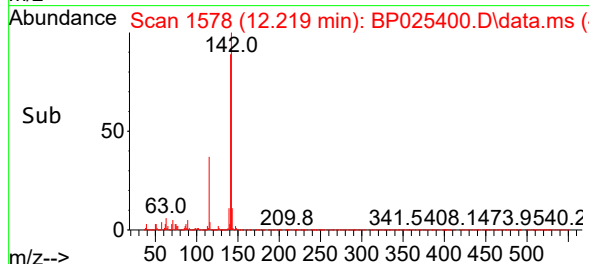
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:142 Resp: 960140
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 37.2 28.9 43.3

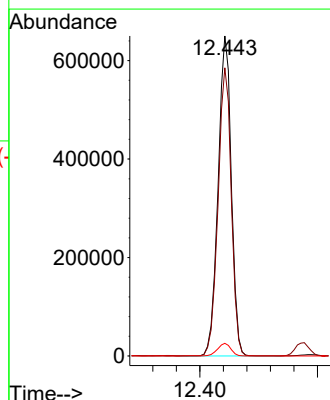
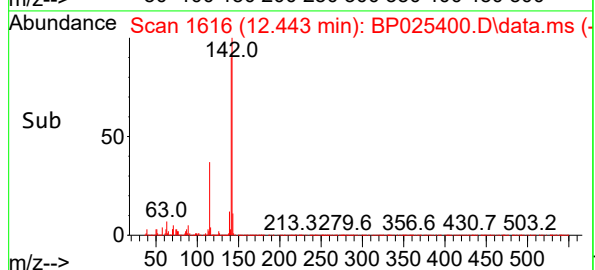
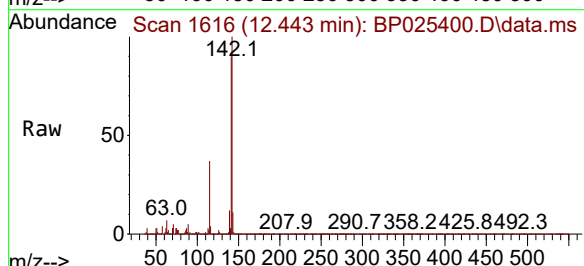
Manual Integrations
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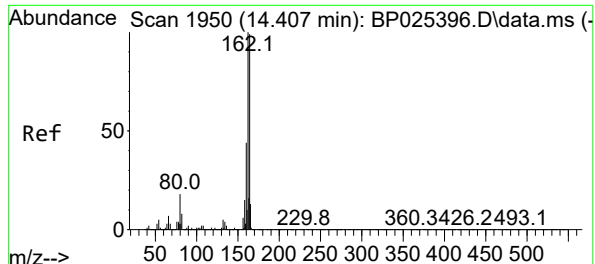
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844
Ion Ratio Lower Upper
142 100
141 90.0 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

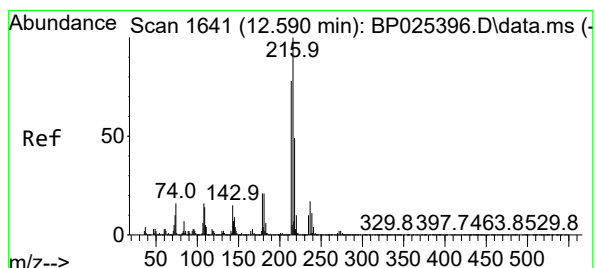
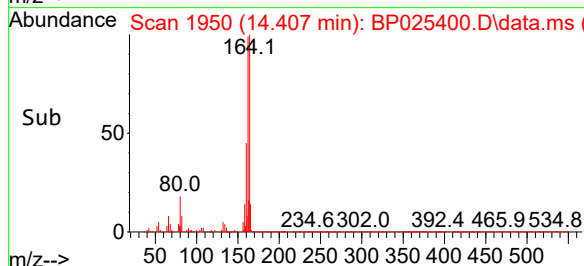
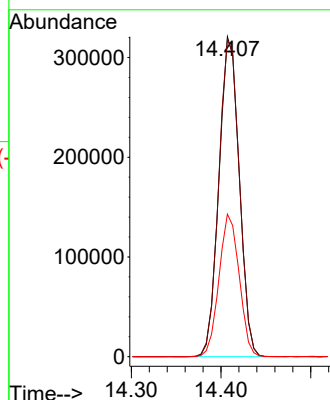
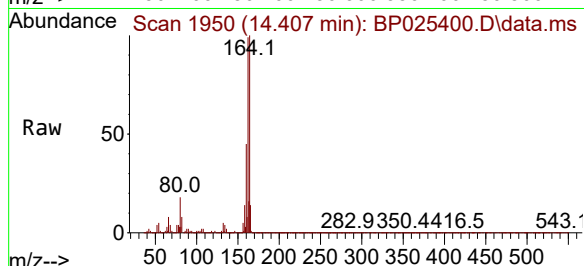
Tgt Ion:	164	Resp:	503239
Ion Ratio	Lower	Upper	
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.895 ng

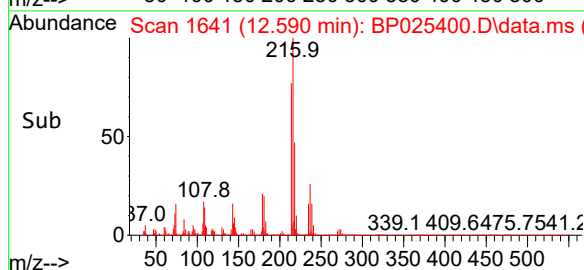
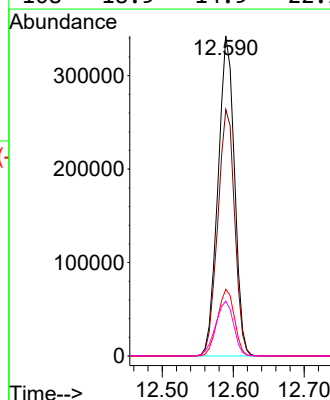
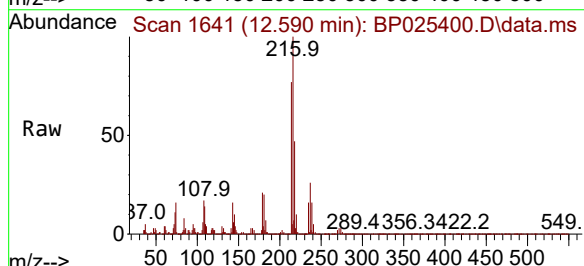
RT: 12.590 min Scan# 1641

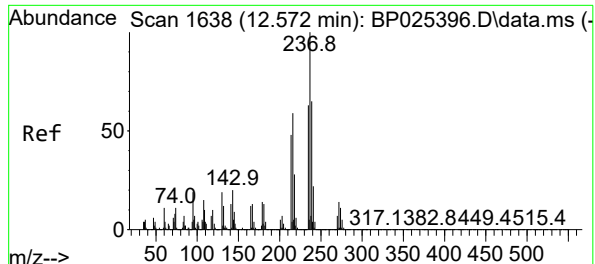
Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

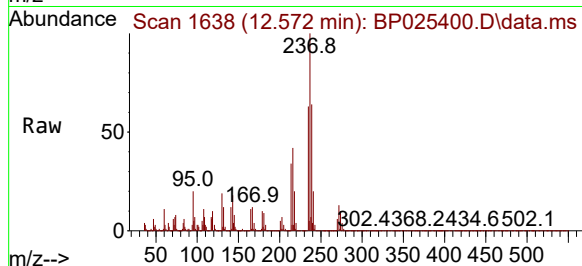
Tgt Ion:	216	Resp:	550777
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.4	17.1	25.7
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

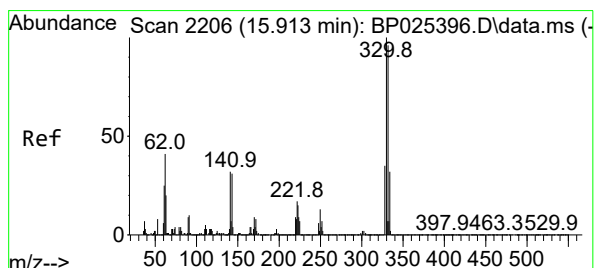
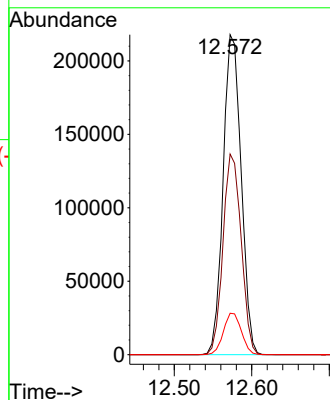
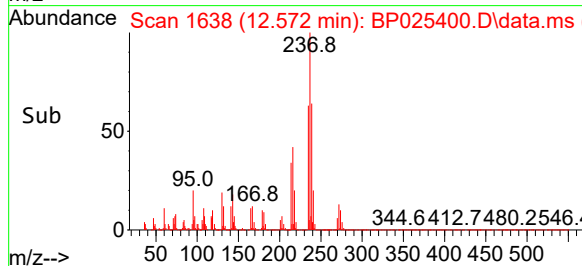
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 237 Resp: 351819
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 13.0 0.0 34.0

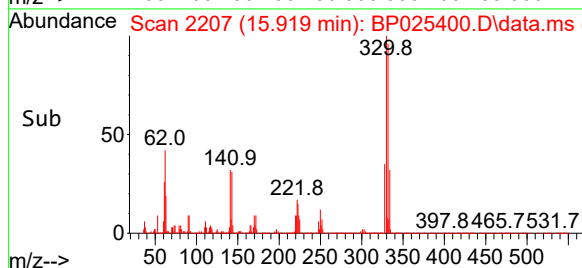
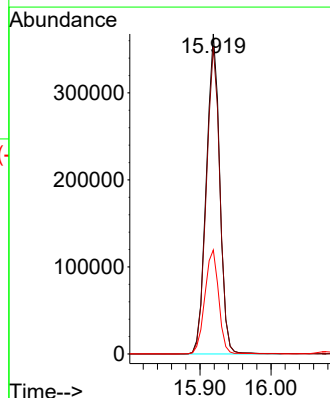
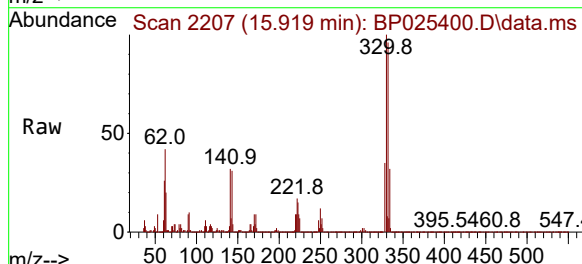
Manual Integrations
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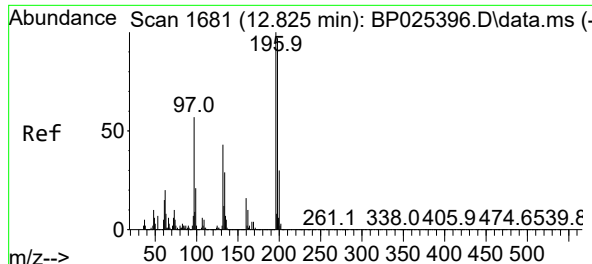
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 330 Resp: 484870
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 38.972 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

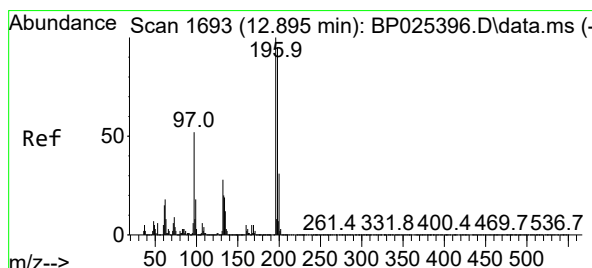
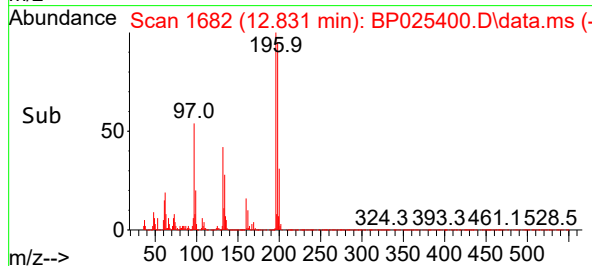
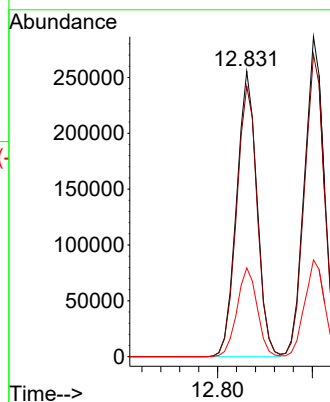
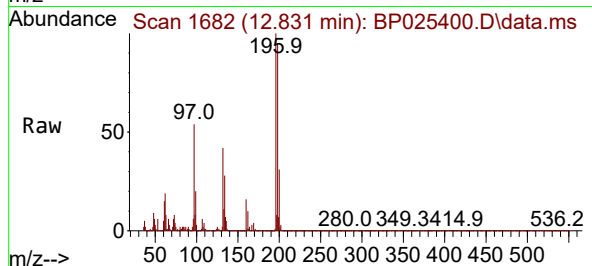
Tgt Ion:	196	Resp:	38239
Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	31.1	23.9	35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 39.108 ng

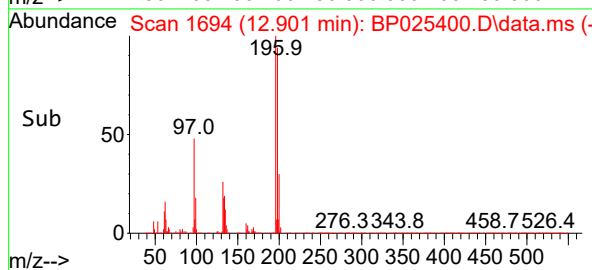
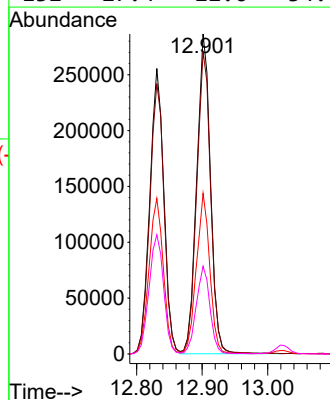
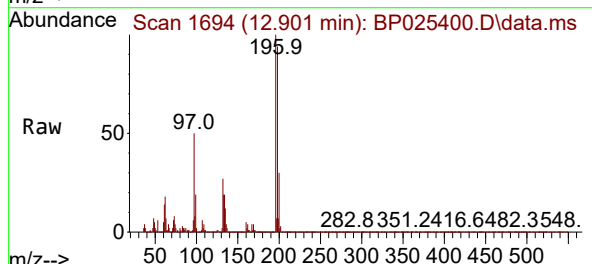
RT: 12.901 min Scan# 1694

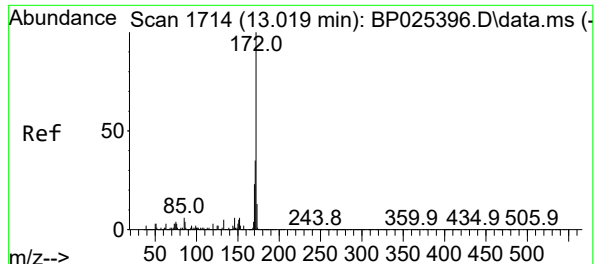
Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:	196	Resp:	420565
Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	50.2	41.2	61.8
132	27.4	22.6	34.0





#45

2-Fluorobiphenyl

Concen: 66.016 ng

RT: 13.025 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:172 Resp: 2430828

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

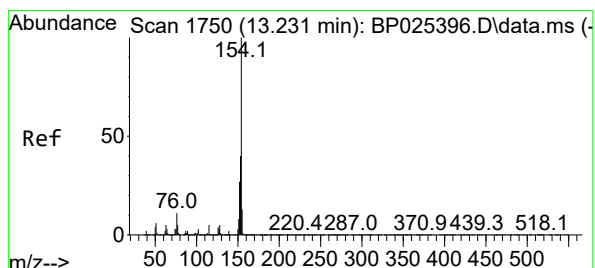
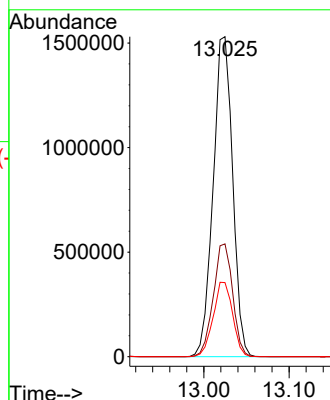
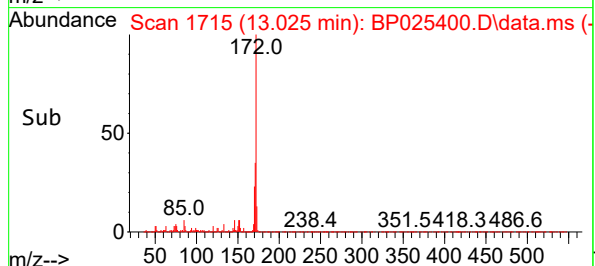
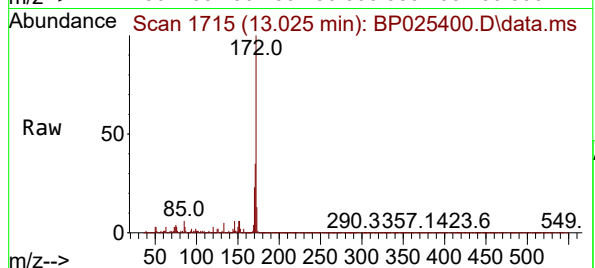
170 23.1 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 37.672 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

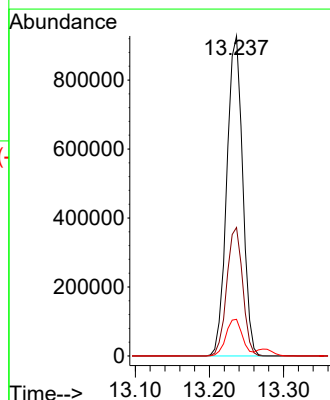
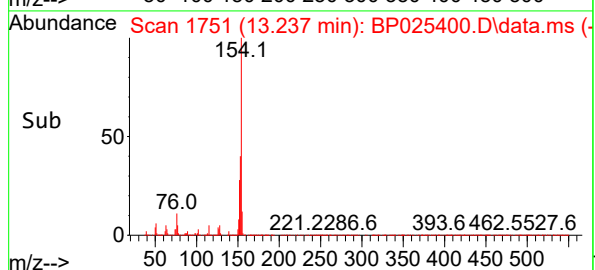
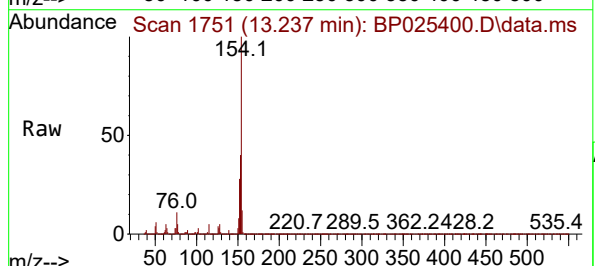
Tgt Ion:154 Resp: 1376834

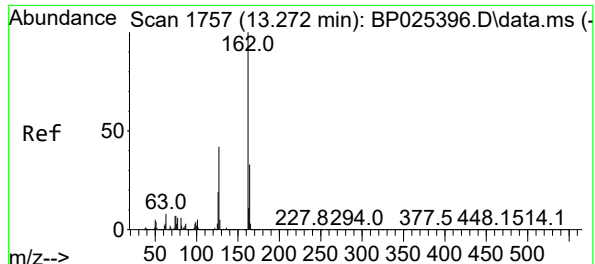
Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

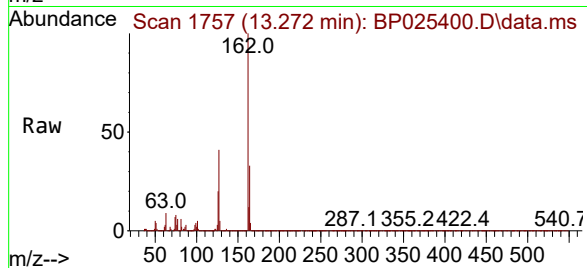
76 11.4 0.0 31.1





#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

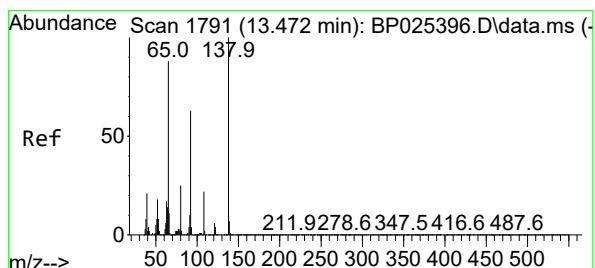
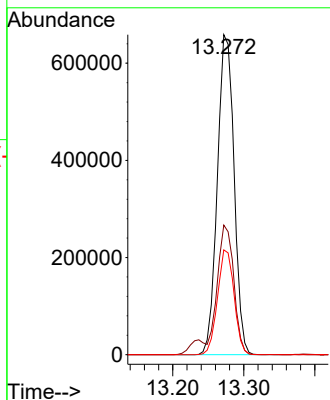
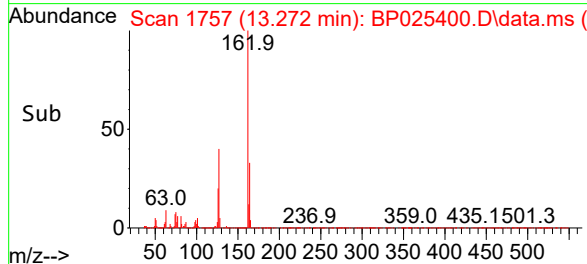
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



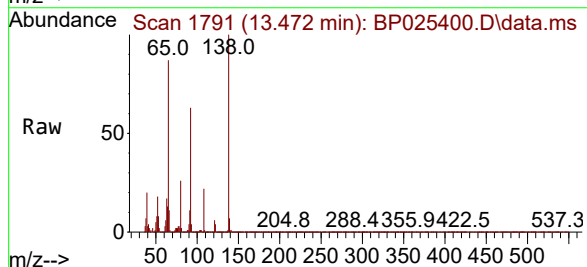
Tgt Ion: 162 Resp: 107214
Ion Ratio Lower Upper
162 100
127 40.5 33.4 50.2
164 32.8 26.2 39.2

Manual Integrations
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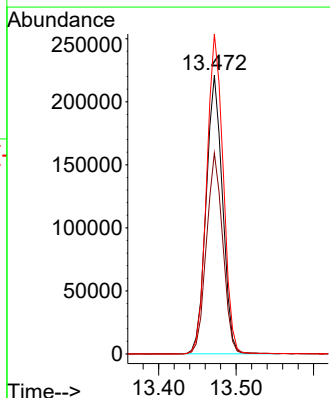
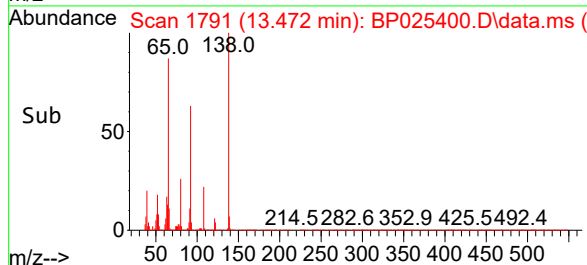
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

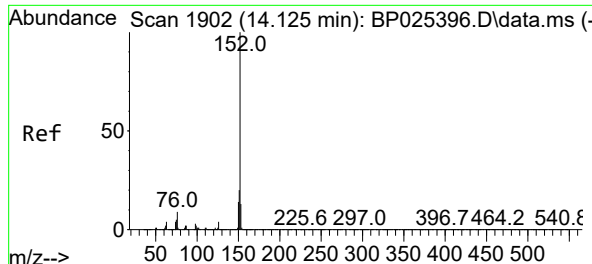


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 65 Resp: 323995
Ion Ratio Lower Upper
65 100
92 72.2 57.6 86.4
138 114.9 91.0 136.6





#49

Acenaphthylene

Concen: 37.720 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:152 Resp: 177589

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

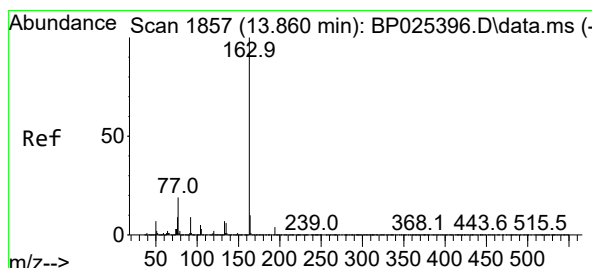
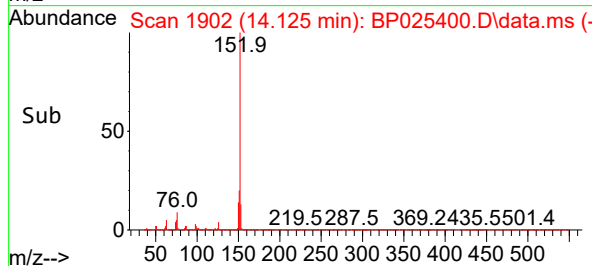
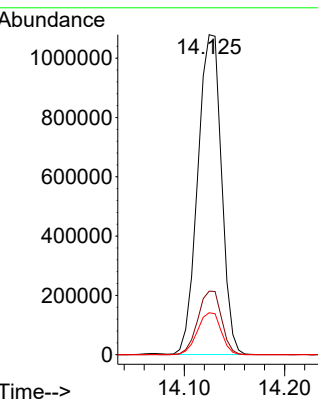
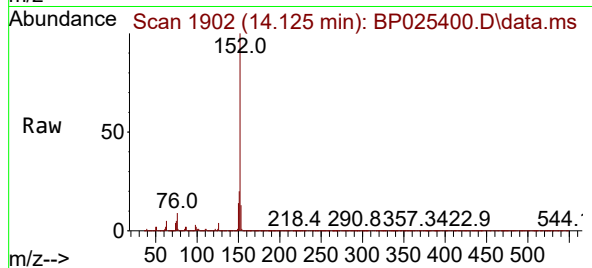
153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 38.170 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

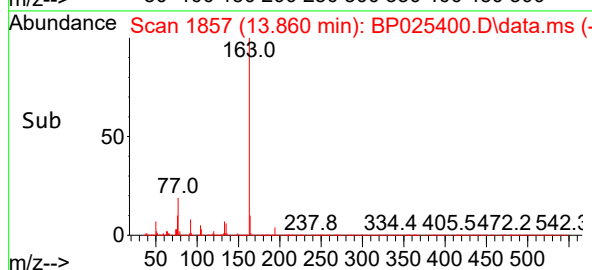
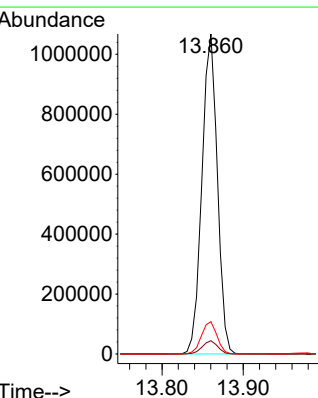
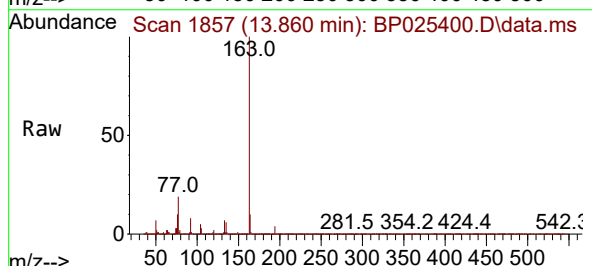
Tgt Ion:163 Resp: 1406620

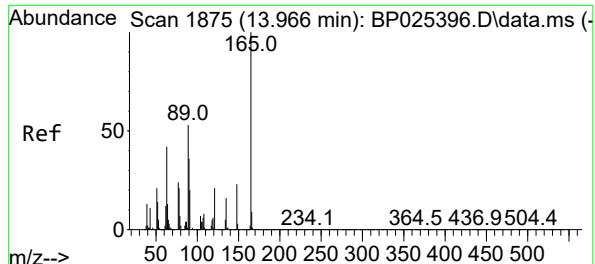
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

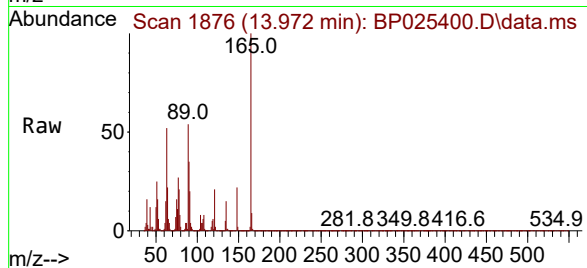
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

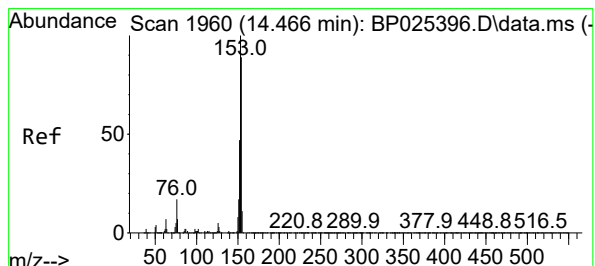
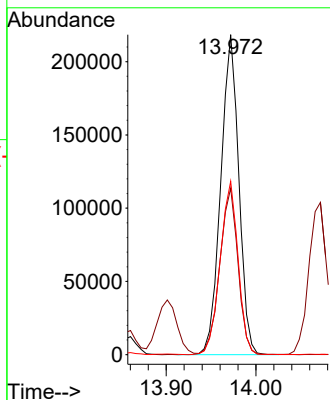
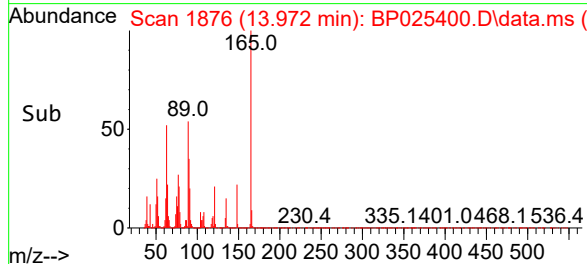
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:165 Resp: 304562
Ion Ratio Lower Upper
165 100
63 52.1 40.9 61.3
89 54.2 42.1 63.1

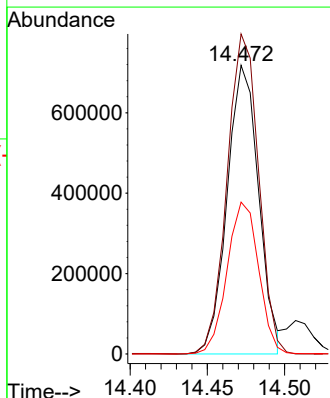
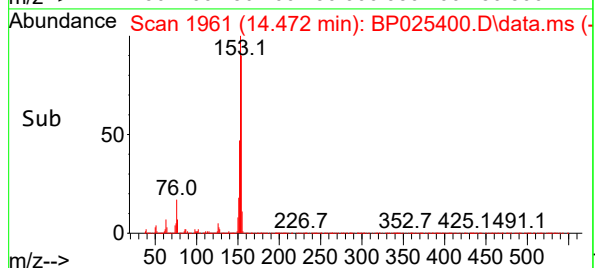
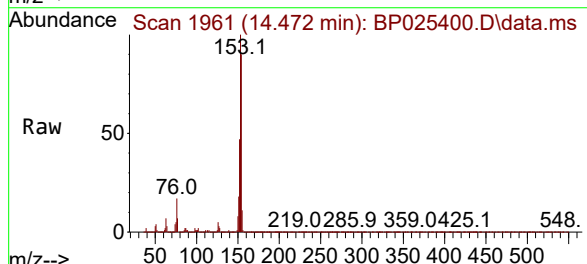
Manual Integrations
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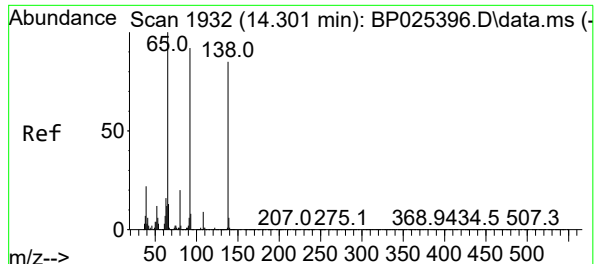
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

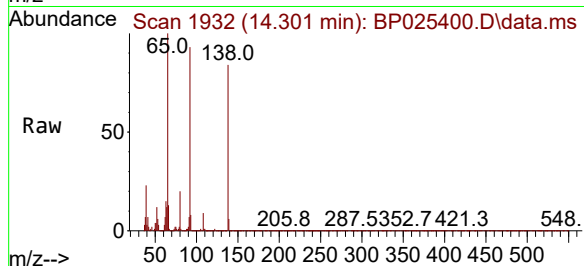
Tgt Ion:154 Resp: 1018011
Ion Ratio Lower Upper
154 100
153 110.9 90.2 135.2
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

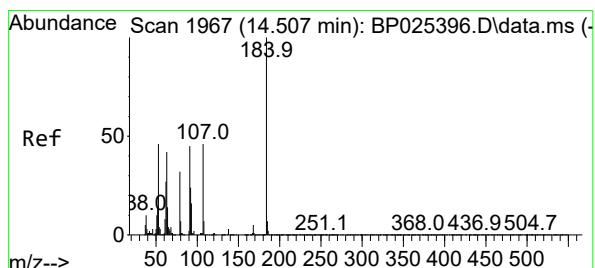
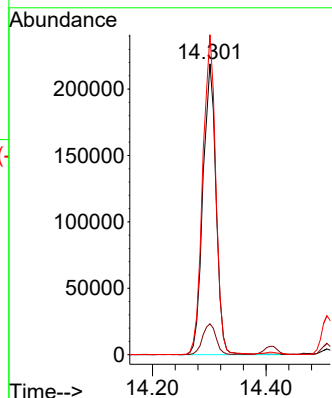
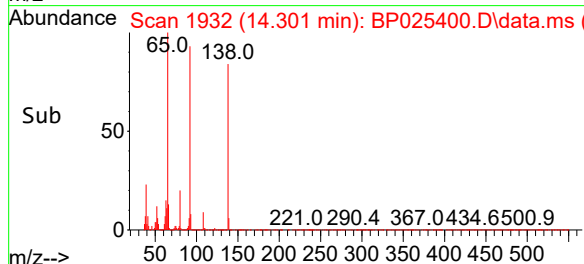
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:138 Resp: 34979
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 110.0 86.2 129.2

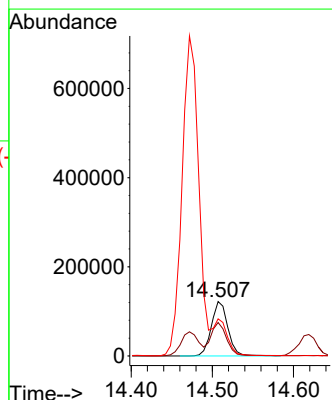
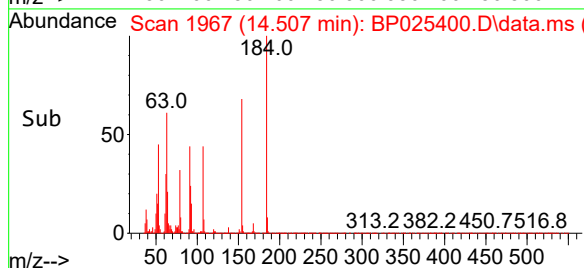
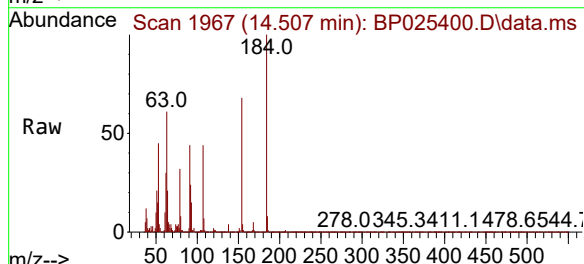
Manual Integrations
APPROVED

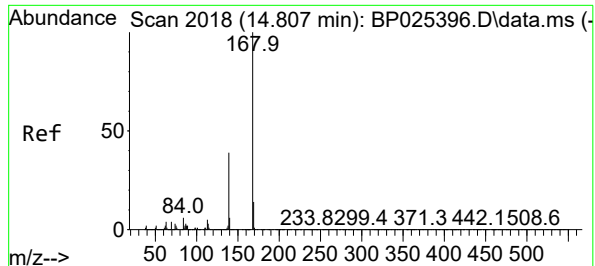
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

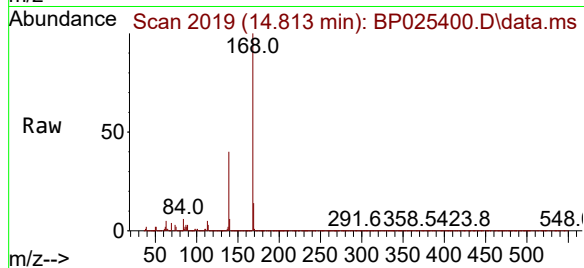
Tgt Ion:184 Resp: 172743
Ion Ratio Lower Upper
184 100
63 61.3 49.4 74.2
154 68.1 54.6 82.0





#55
Dibenzenofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

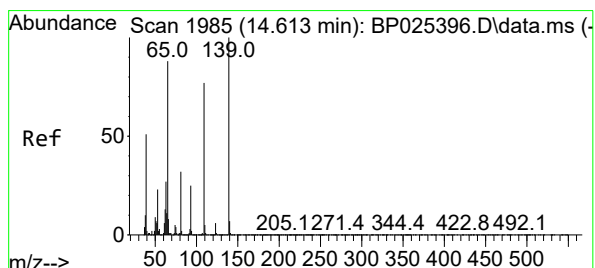
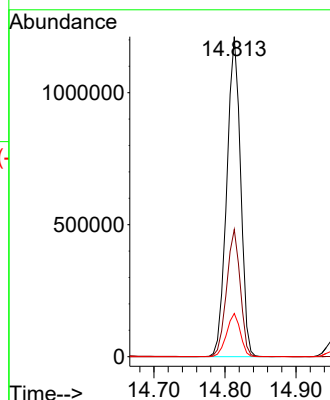
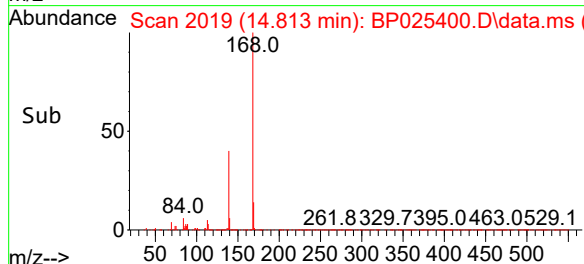
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



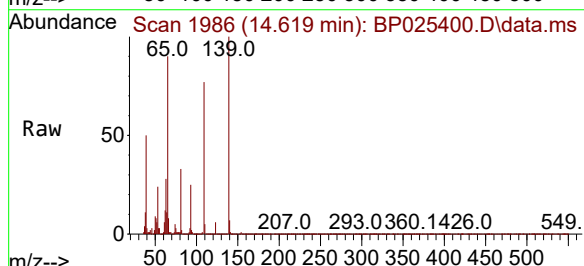
Tgt Ion:168 Resp: 1630744
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.5 10.9 16.3

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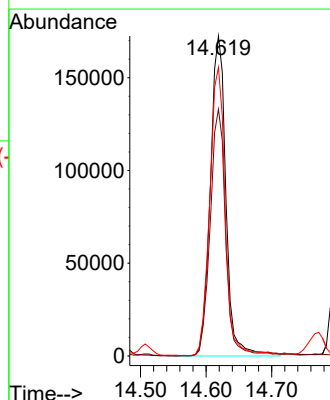
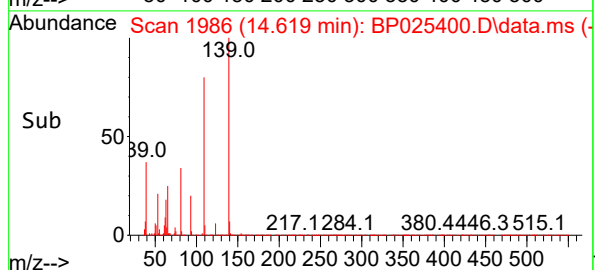
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

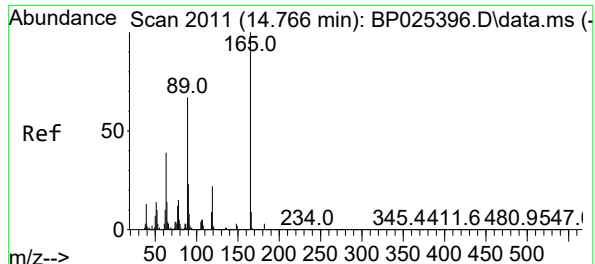


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



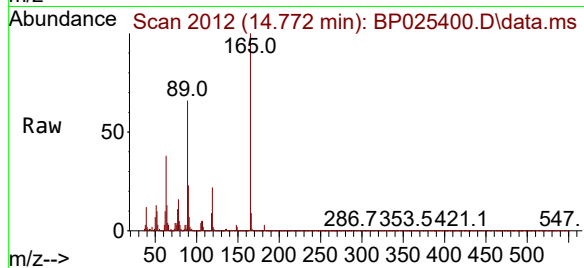
Tgt Ion:139 Resp: 284585
Ion Ratio Lower Upper
139 100
109 77.1 56.6 96.6
65 90.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

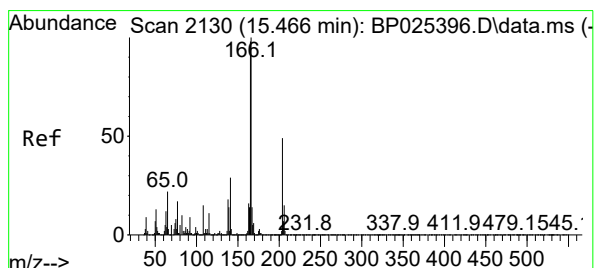
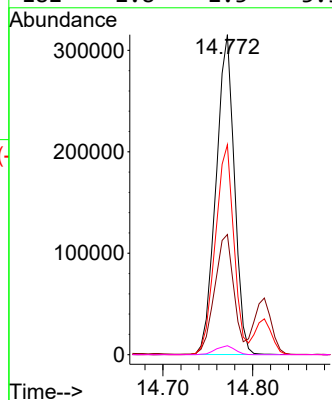
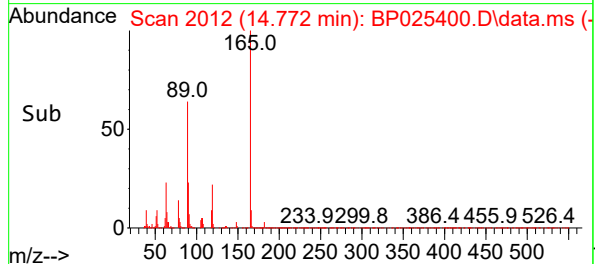
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:165 Resp: 44814
Ion Ratio Lower Upper
165 100
63 37.5 31.4 47.2
89 65.6 53.3 79.9
182 2.8 2.3 3.5

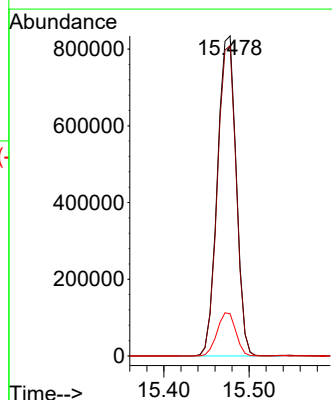
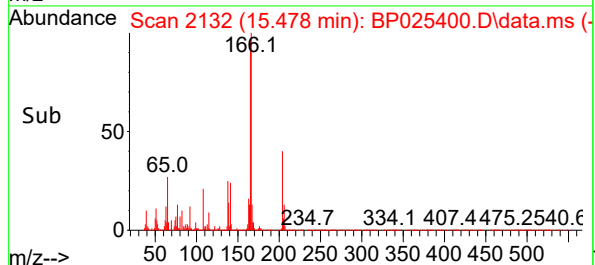
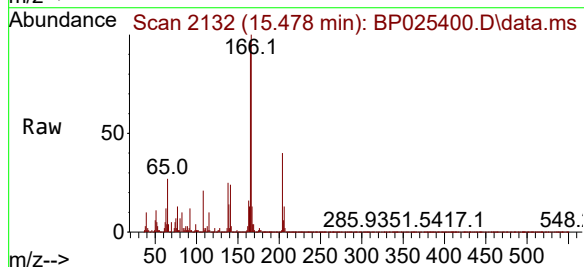
Manual Integrations
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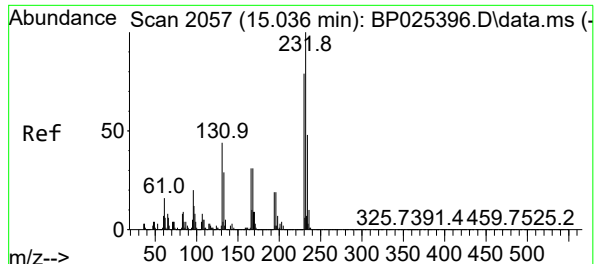
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:166 Resp: 1275341
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.2 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.147 ng

RT: 15.036 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:232 Resp: 37171

Ion Ratio Lower Upper

232 100

131 45.3 37.0 55.6

130 2.6 1.9 2.9

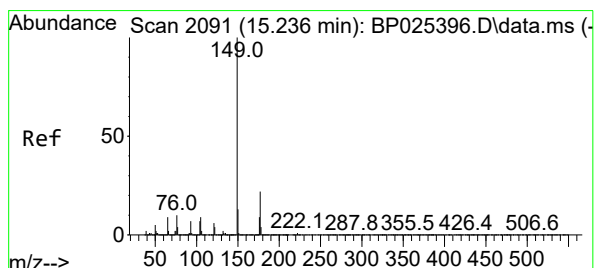
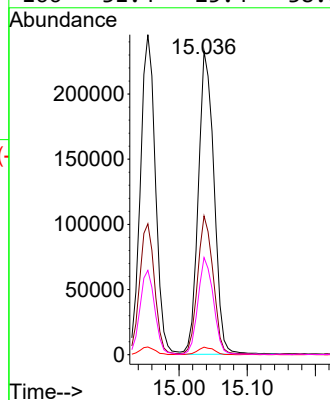
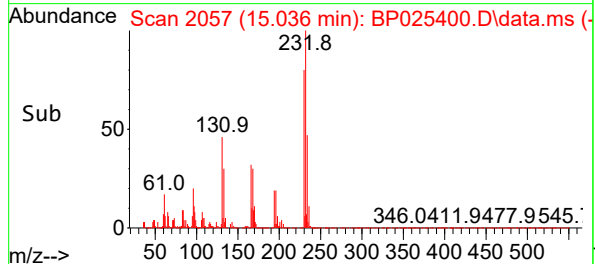
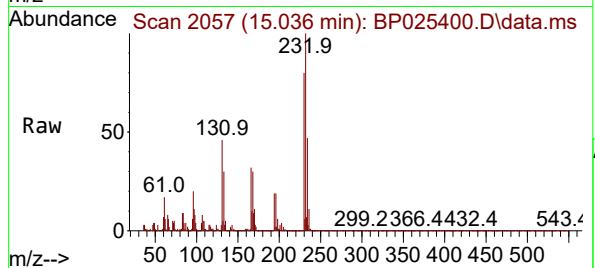
166 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 37.810 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

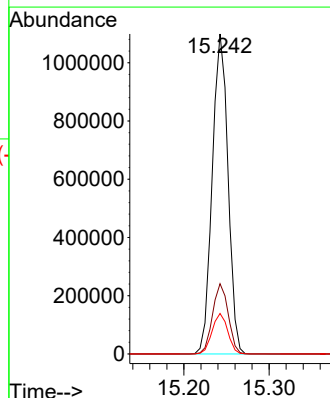
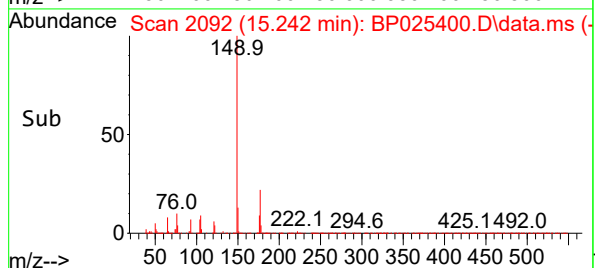
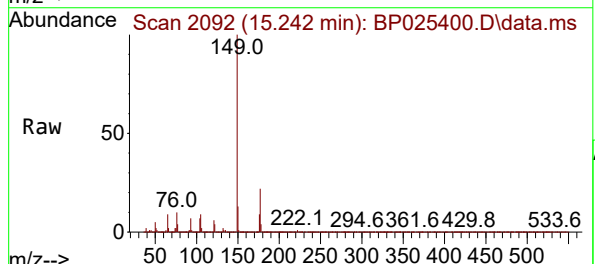
Tgt Ion:149 Resp: 1415787

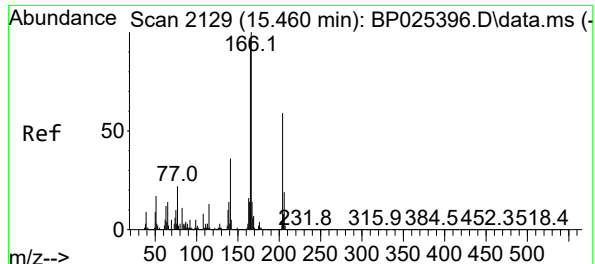
Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

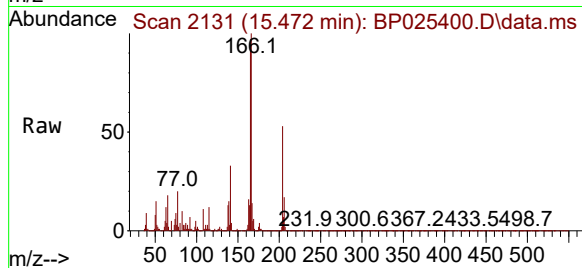
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

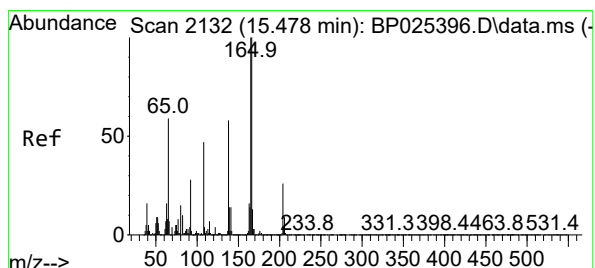
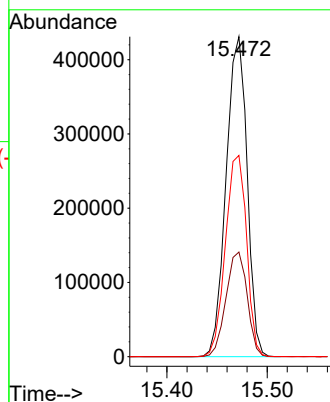
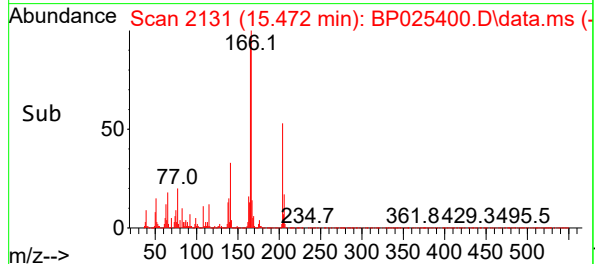
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



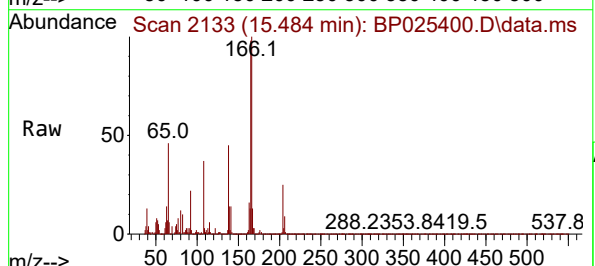
Tgt Ion:204 Resp: 62747
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 62.9 49.4 74.2

Manual Integrations
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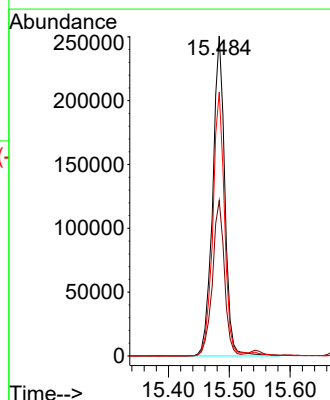
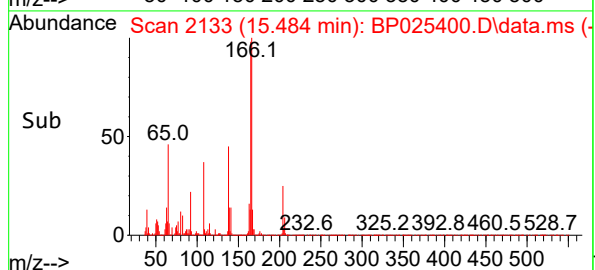
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

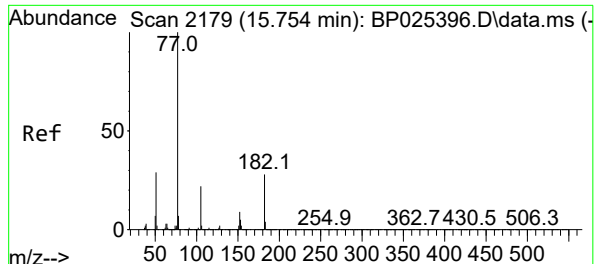


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



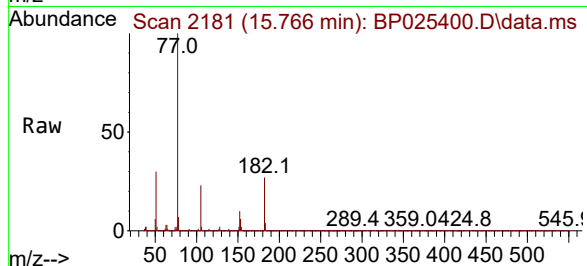
Tgt Ion:138 Resp: 346865
Ion Ratio Lower Upper
138 100
92 48.5 29.1 69.1
108 82.4 61.5 101.5





#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

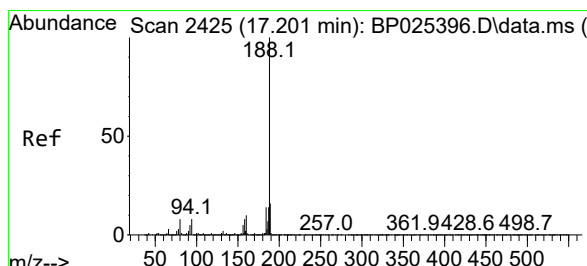
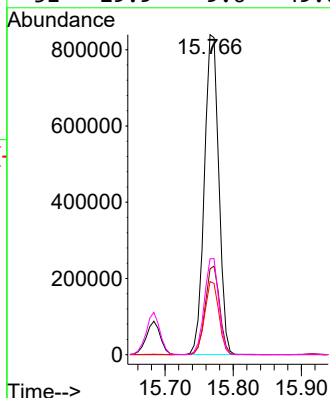
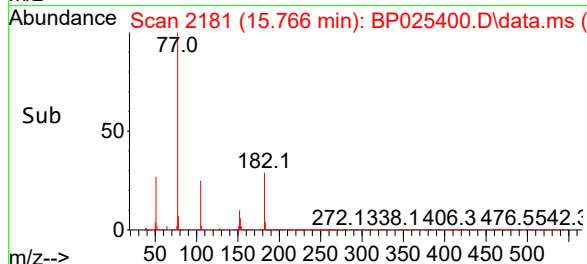
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



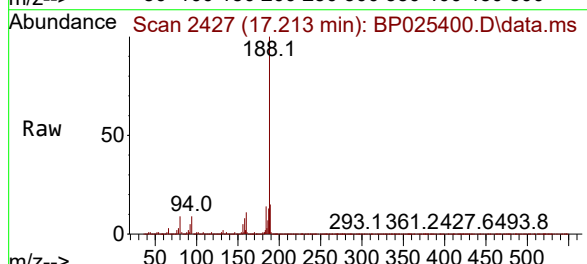
Tgt Ion: 77 Resp: 123524
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 22.8 2.1 42.1
51 29.9 9.6 49.6

Manual Integrations
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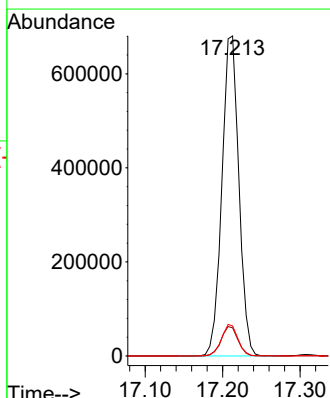
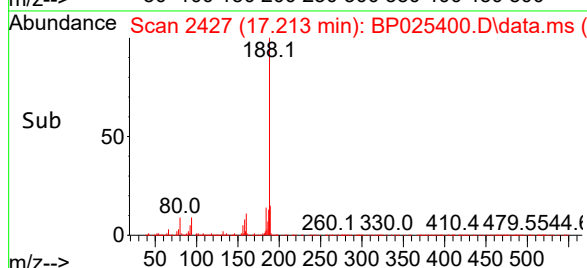
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

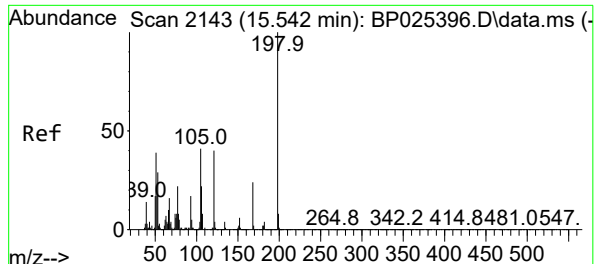


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



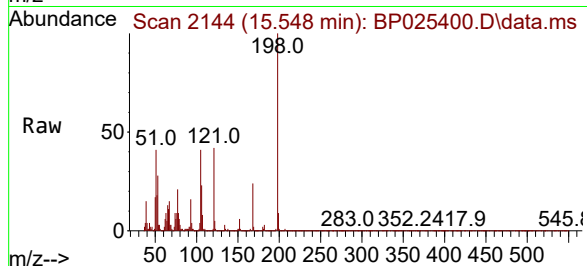
Tgt Ion:188 Resp: 1034378
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.4 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

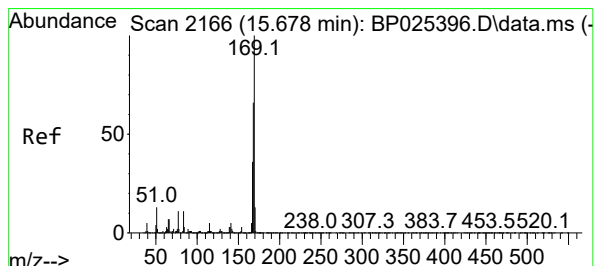
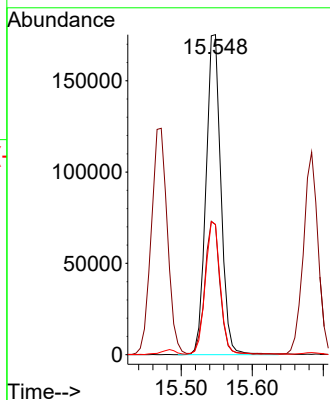
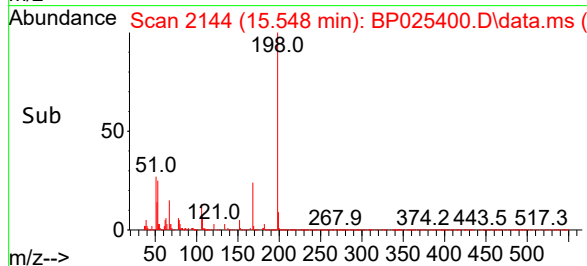
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:198 Resp: 25611
Ion Ratio Lower Upper
198 100
51 40.6 19.6 59.6
105 40.7 20.9 60.9

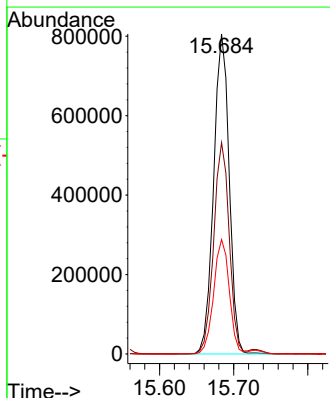
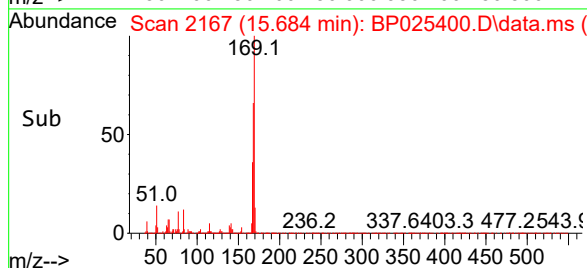
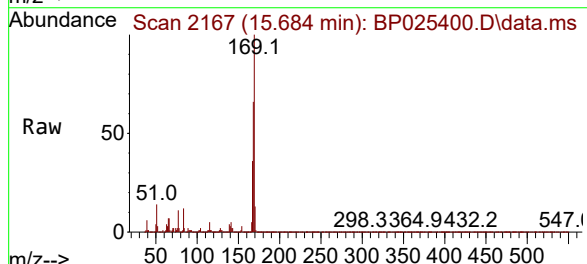
Manual Integrations
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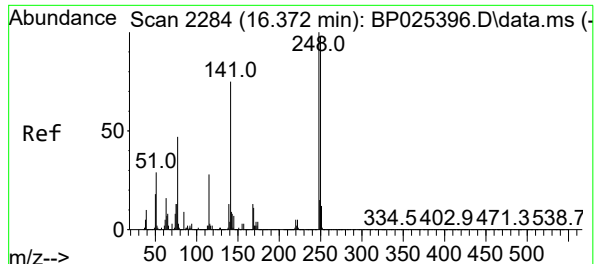
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:169 Resp: 1174244
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.7 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 37.101 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:248 Resp: 422072

Ion Ratio Lower Upper

248 100

250 99.4 78.2 117.2

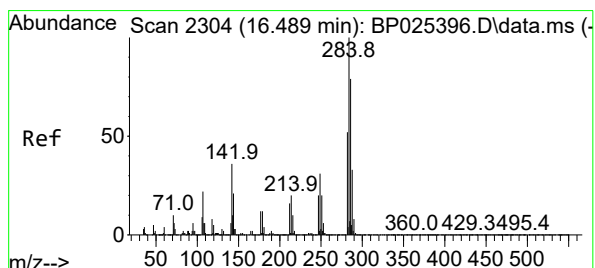
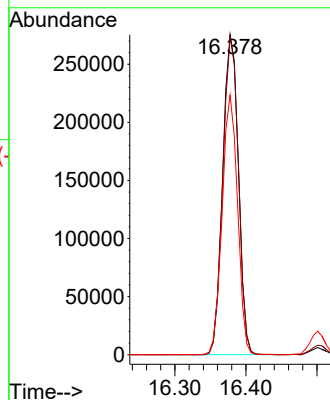
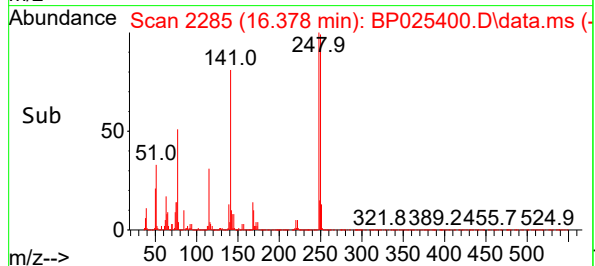
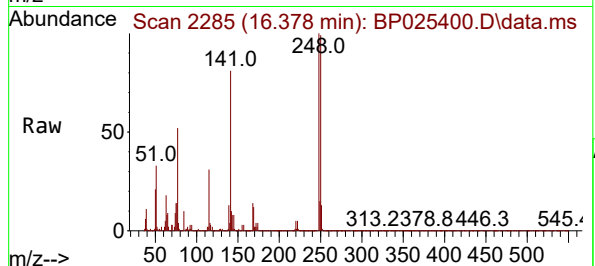
141 81.1 59.6 89.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 37.062 ng

RT: 16.501 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

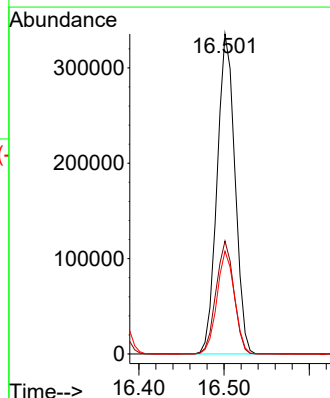
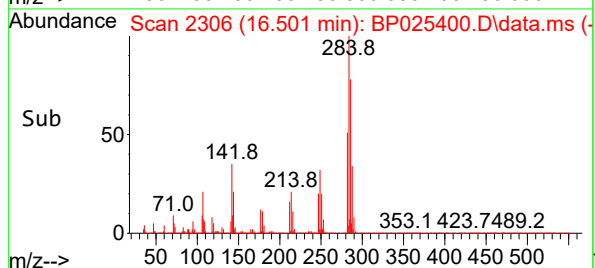
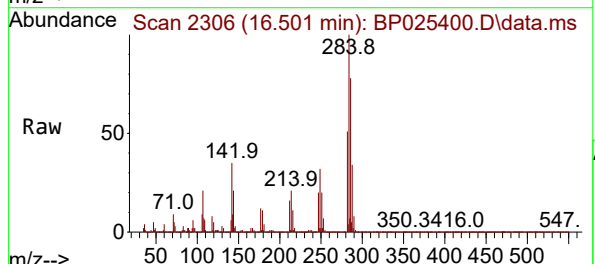
Tgt Ion:284 Resp: 488749

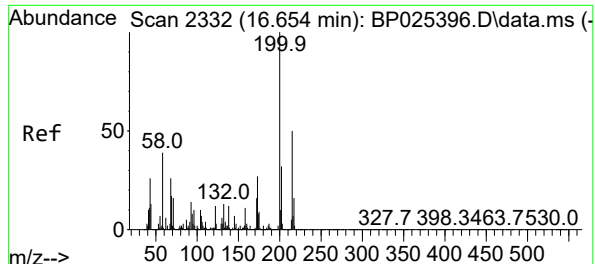
Ion Ratio Lower Upper

284 100

142 35.3 29.1 43.7

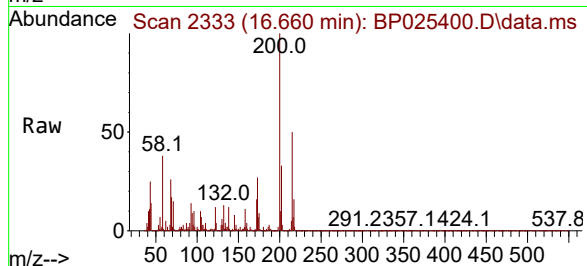
249 32.1 25.0 37.4





#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

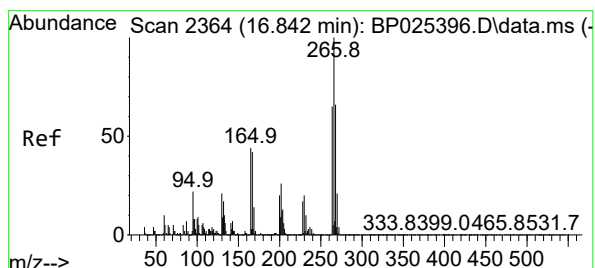
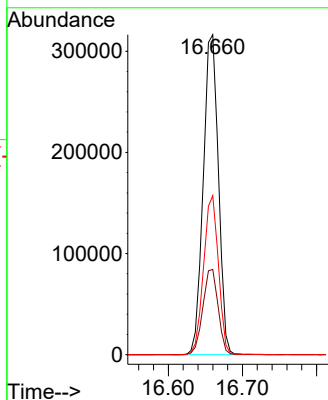
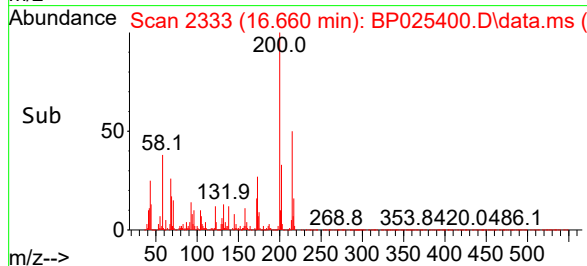
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:200 Resp: 44955
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

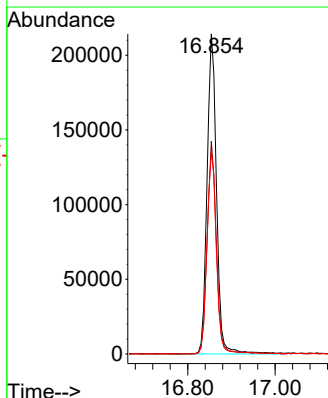
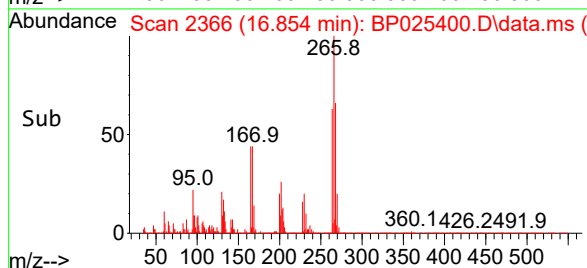
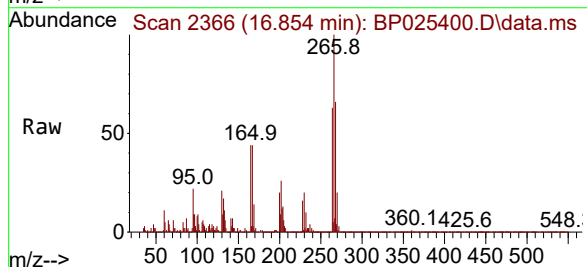
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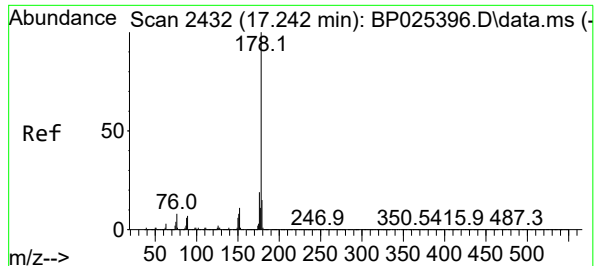
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

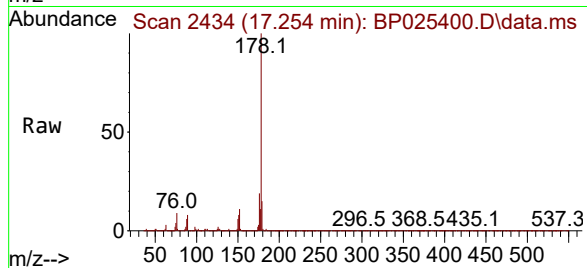
Tgt Ion:266 Resp: 322435
Ion Ratio Lower Upper
266 100
268 66.4 52.6 79.0
264 63.2 52.0 78.0





#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

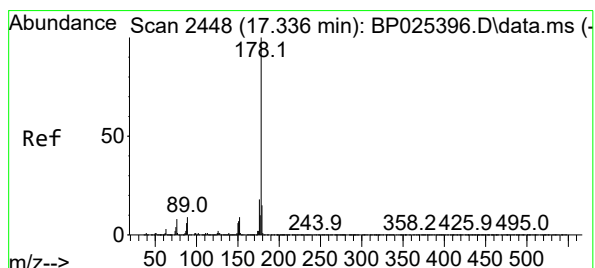
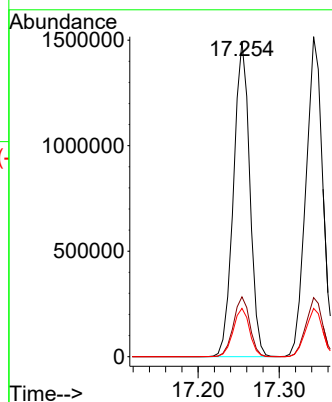
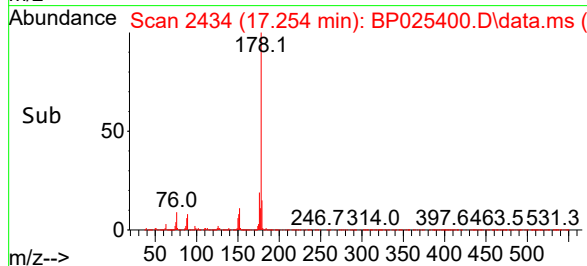
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



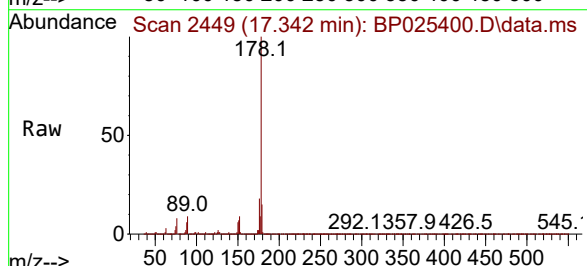
Tgt Ion:178 Resp: 207087
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

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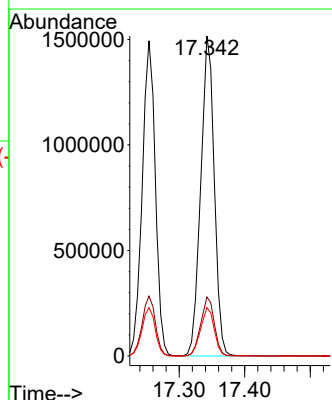
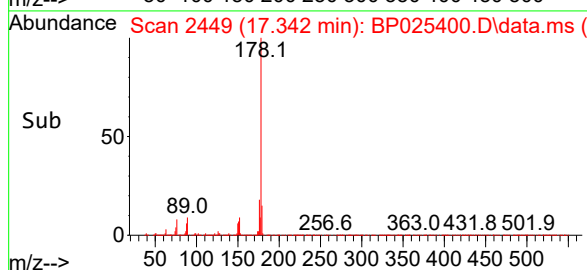
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

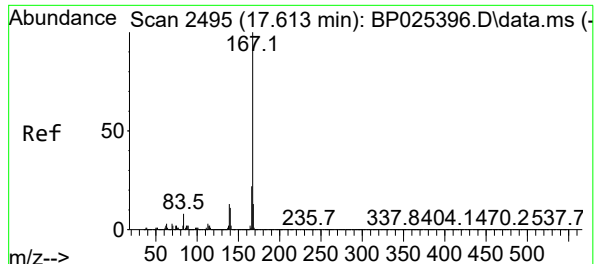


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



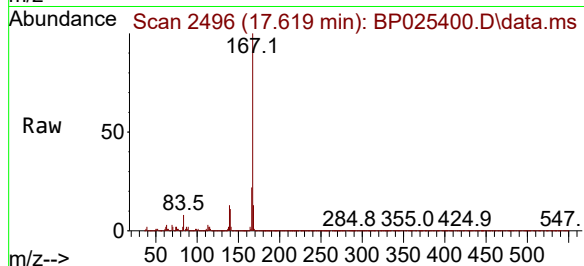
Tgt Ion:178 Resp: 2179669
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.2





#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

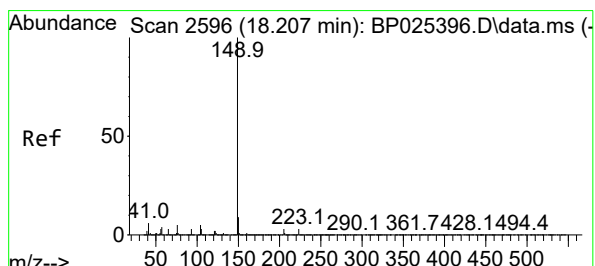
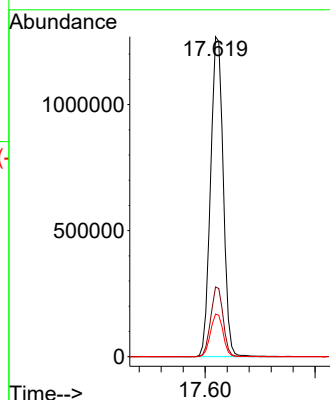
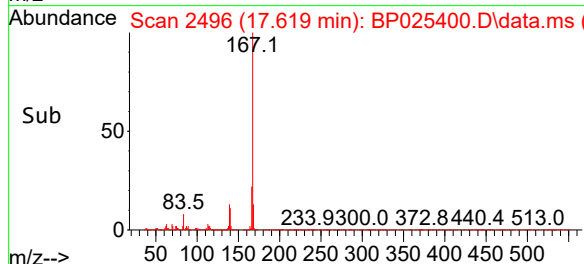
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:167 Resp: 2028599
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.3 10.6 16.0

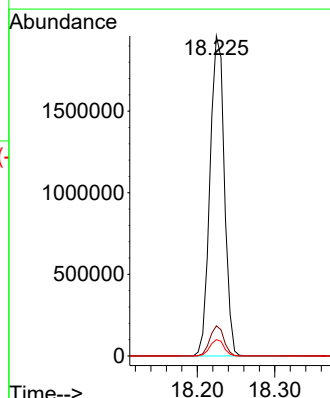
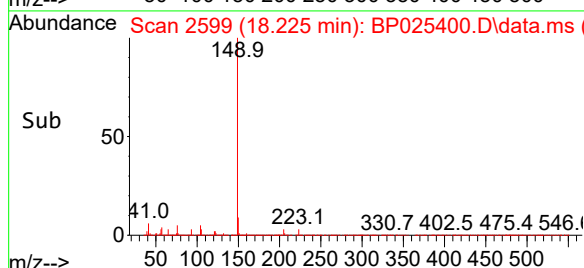
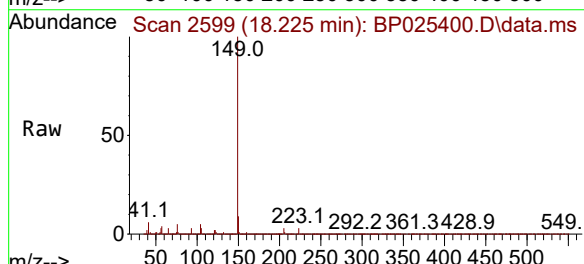
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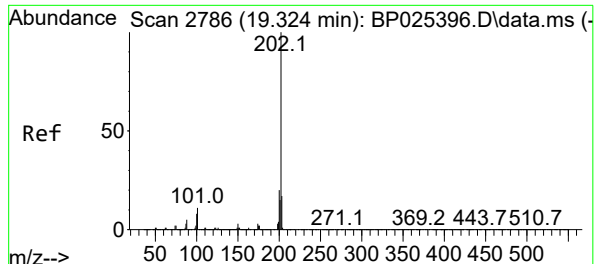
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 2528547
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 4.2 6.2





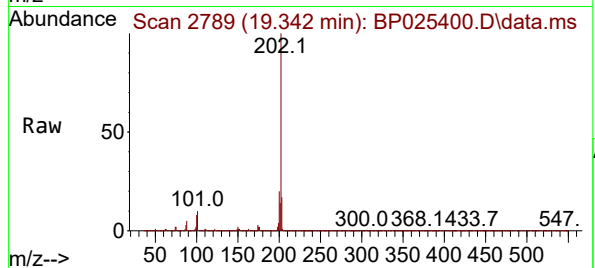
#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

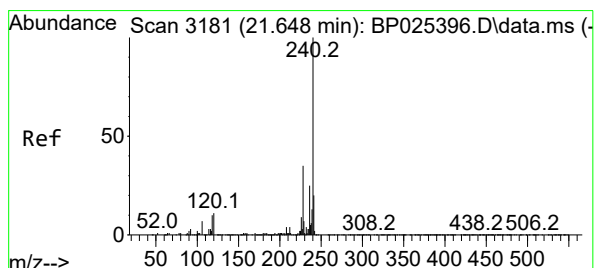
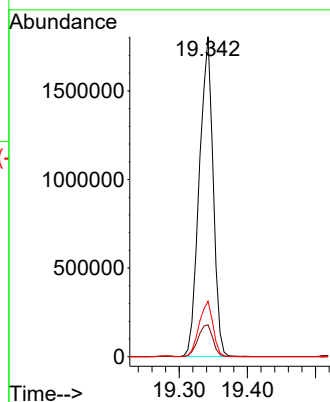
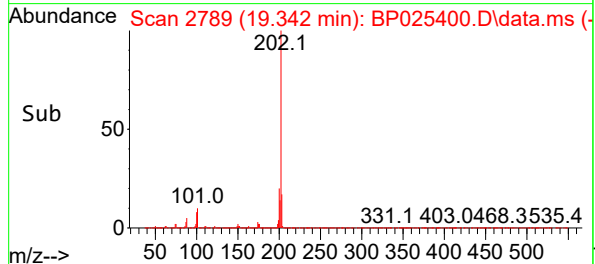


Tgt Ion:202 Resp: 254041
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.4 0.0 37.3

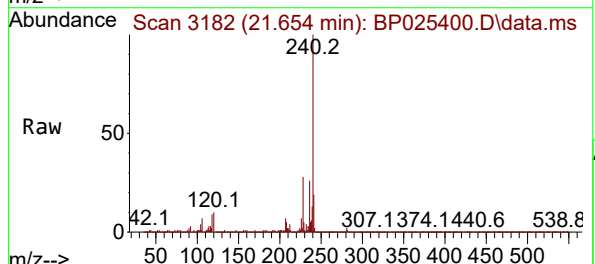
Manual Integrations

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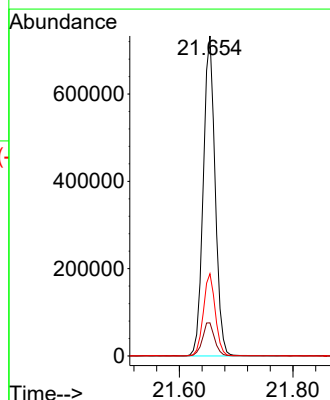
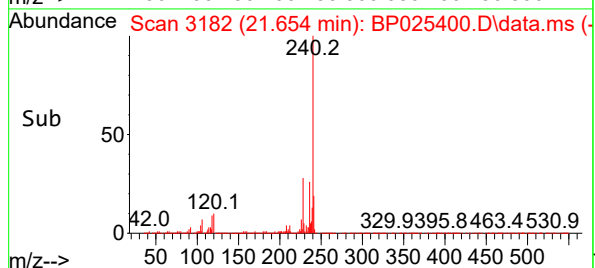
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

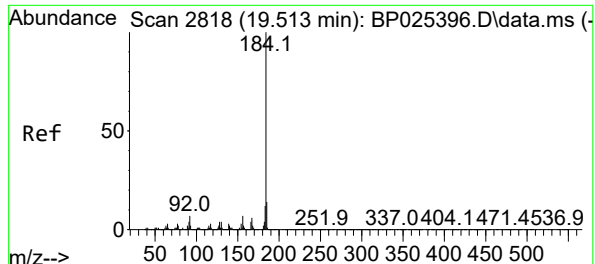


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



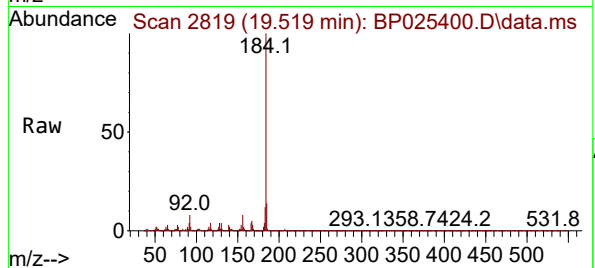
Tgt Ion:240 Resp: 1060337
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

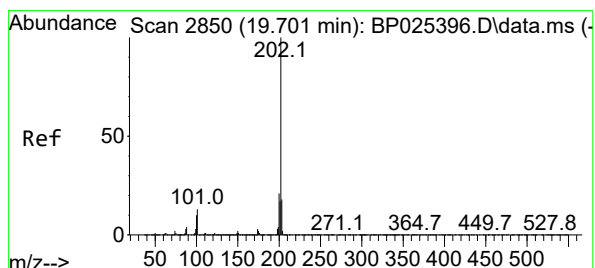
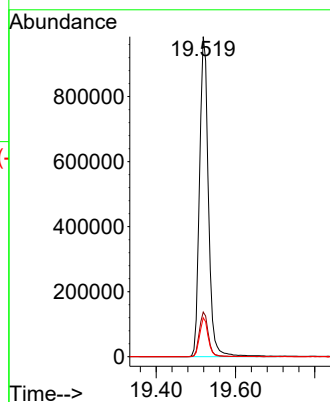
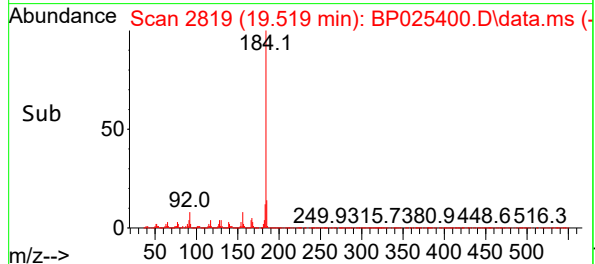
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:184 Resp: 1529650
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 12.1 9.4 14.2

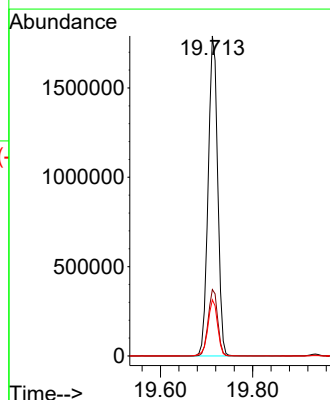
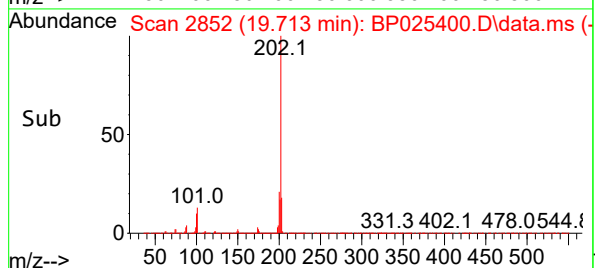
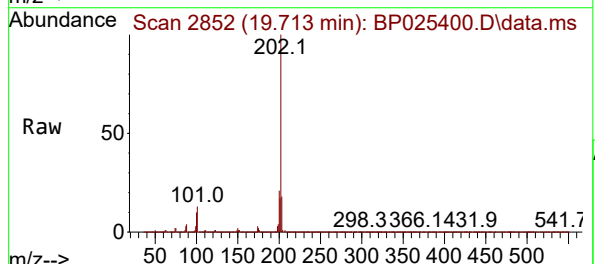
Manual Integrations
APPROVED

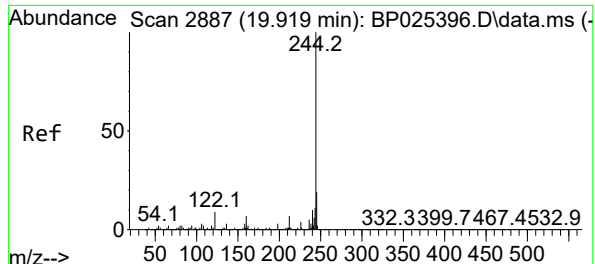
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

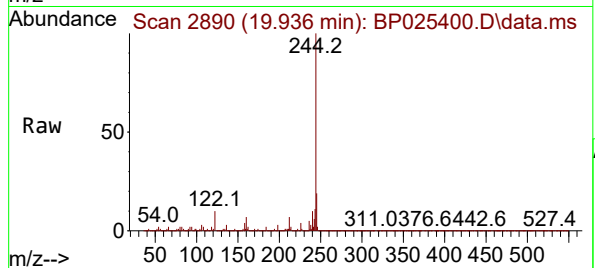
Tgt Ion:202 Resp: 2577810
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.2 21.2





#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2887
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

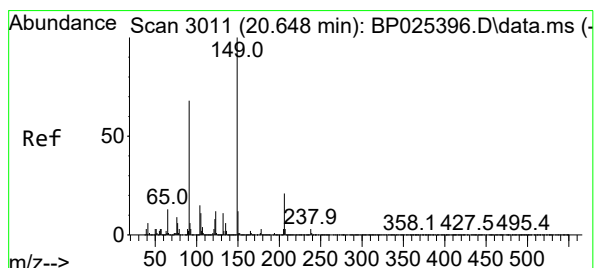
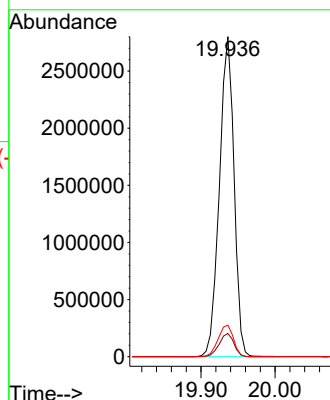
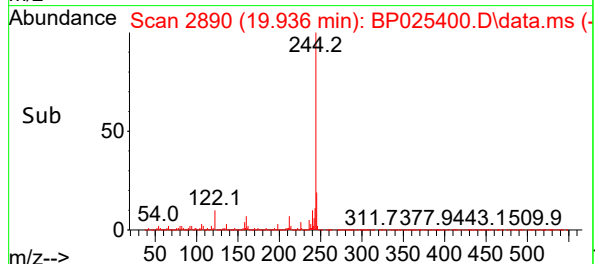
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:244 Resp: 3848160
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.9 7.4 11.2

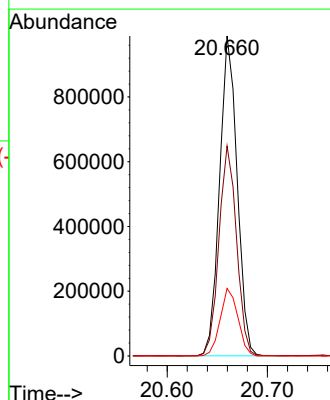
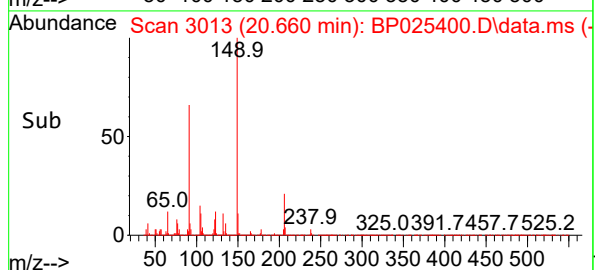
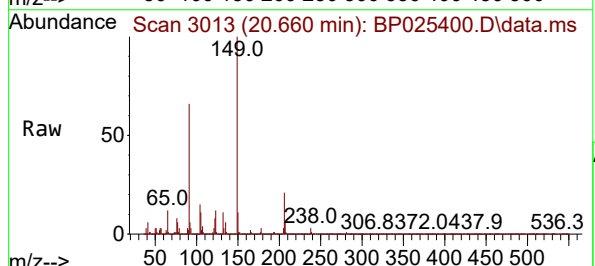
Manual Integrations
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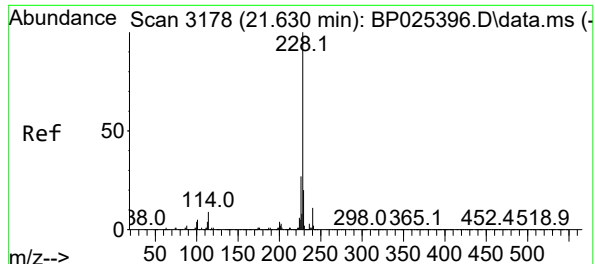
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

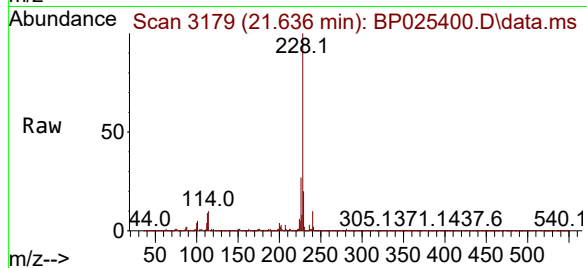
Tgt Ion:149 Resp: 1199445
Ion Ratio Lower Upper
149 100
91 65.6 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

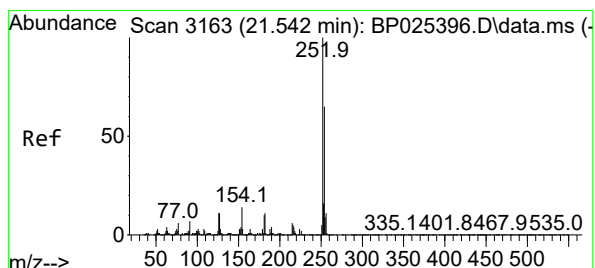
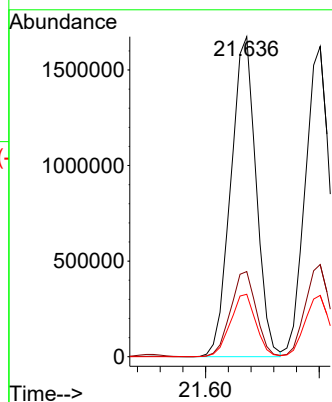
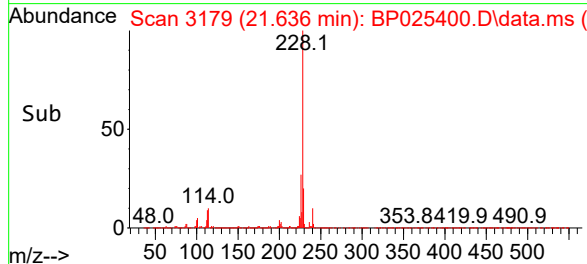
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:228 Resp: 2583860
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.6 23.4

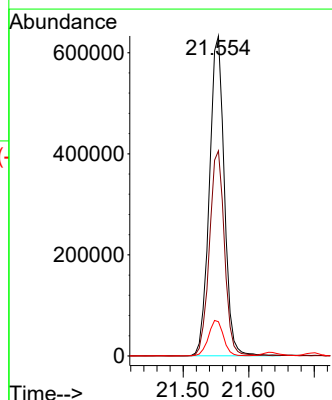
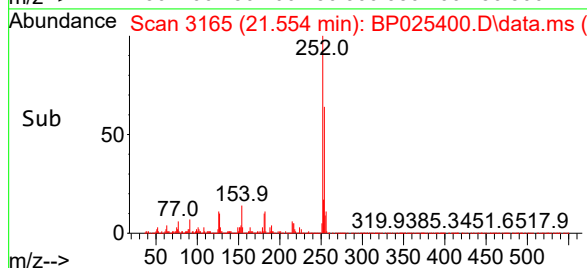
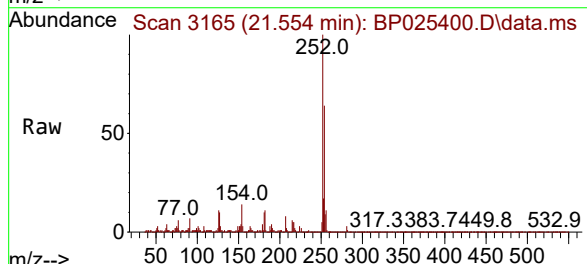
Manual Integrations
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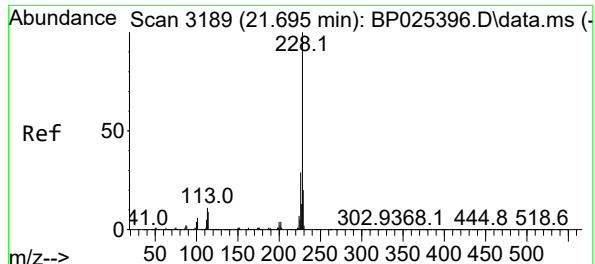
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 1002597
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 37.353 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:228 Resp: 244619

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

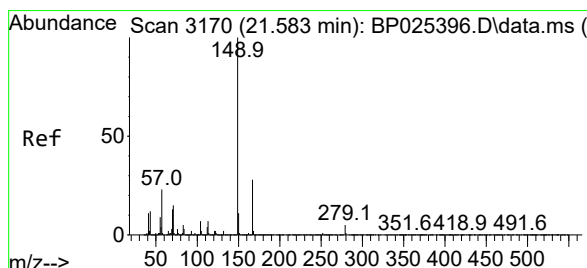
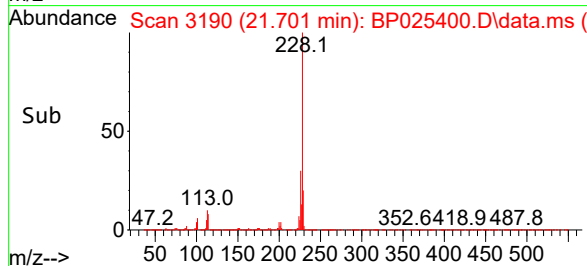
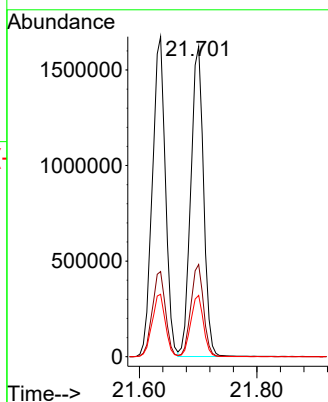
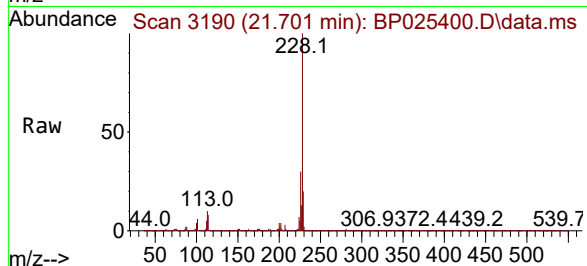
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.729 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

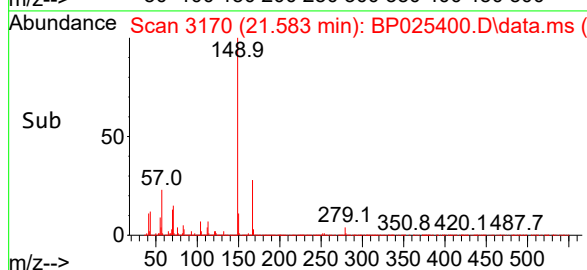
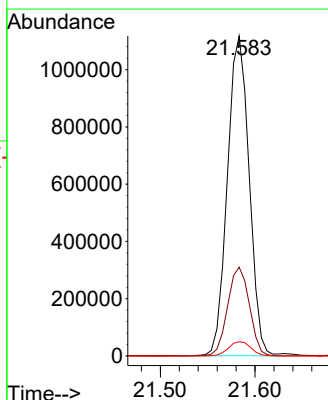
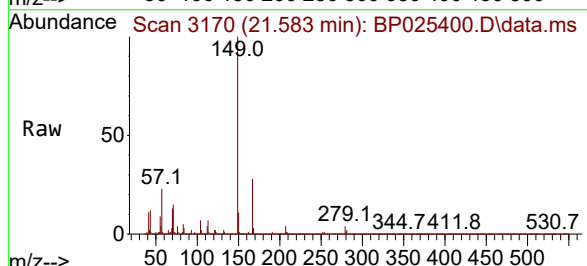
Tgt Ion:149 Resp: 1780746

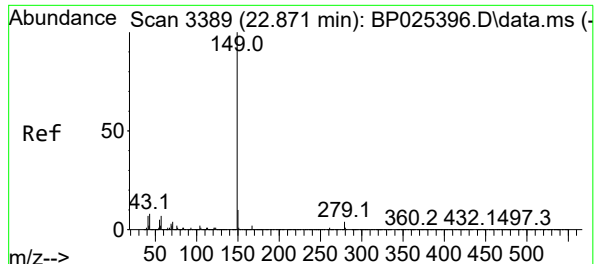
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

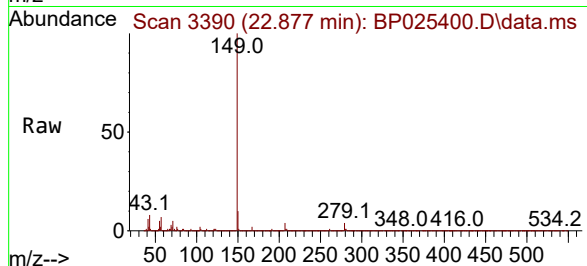
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

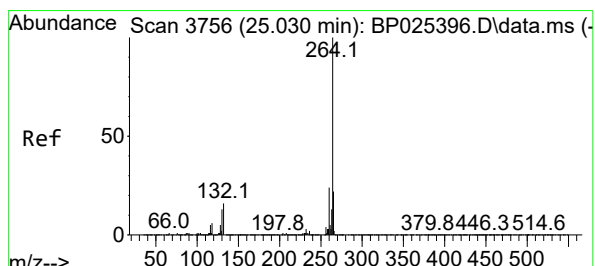
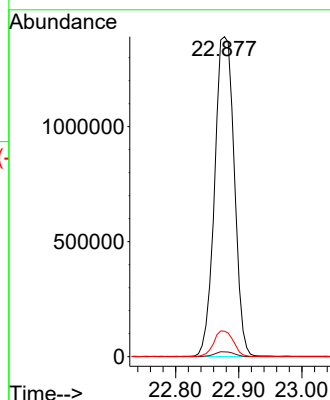
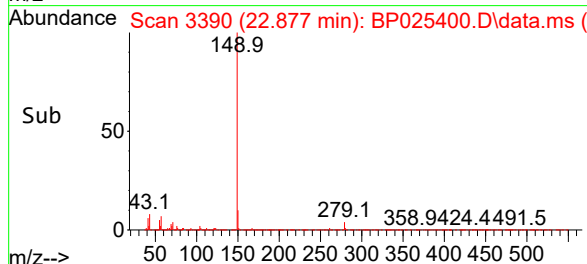
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:149 Resp: 2998528
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

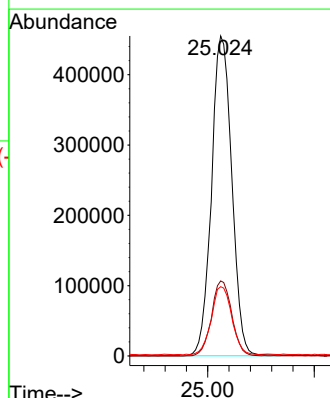
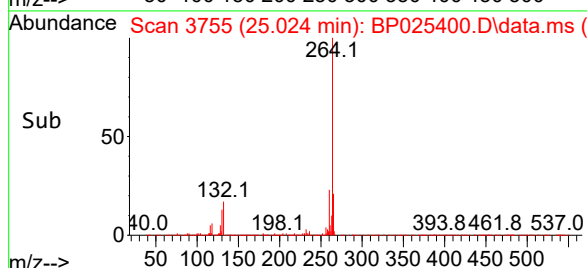
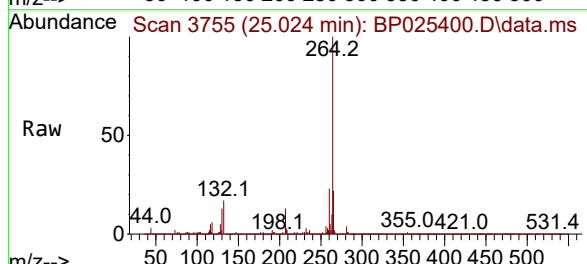
Manual Integrations
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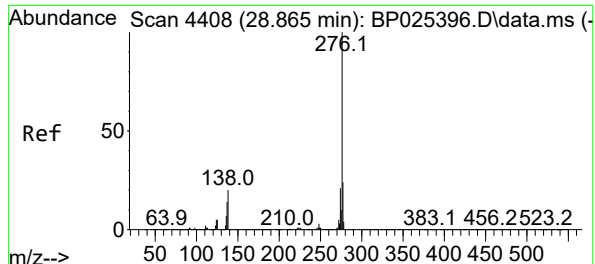
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:264 Resp: 1200519
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.119 ng

RT: 28.877 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:276 Resp: 326796

Ion Ratio Lower Upper

276 100

138 17.0 12.9 19.3

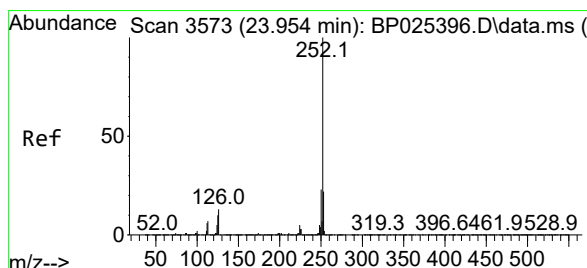
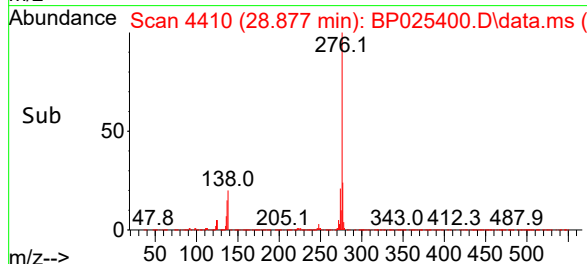
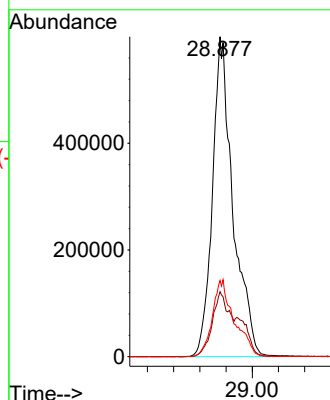
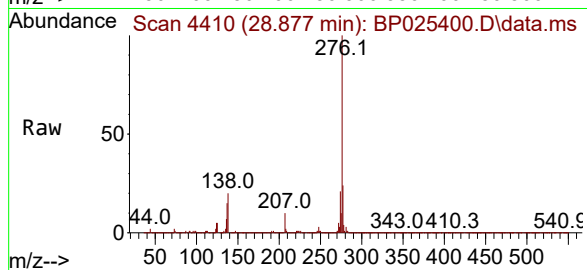
277 25.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 36.964 ng

RT: 23.971 min Scan# 3576

Delta R.T. 0.018 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

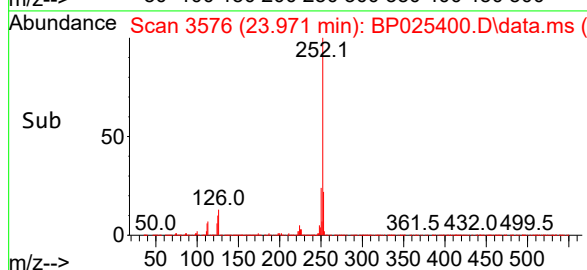
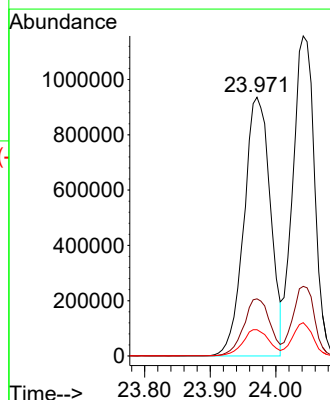
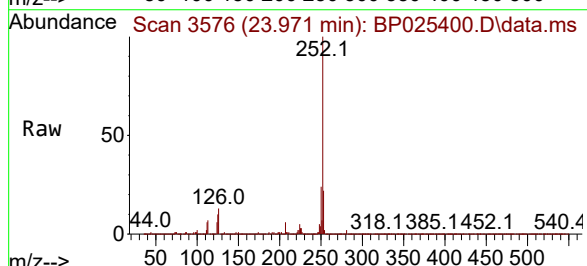
Tgt Ion:252 Resp: 2616701

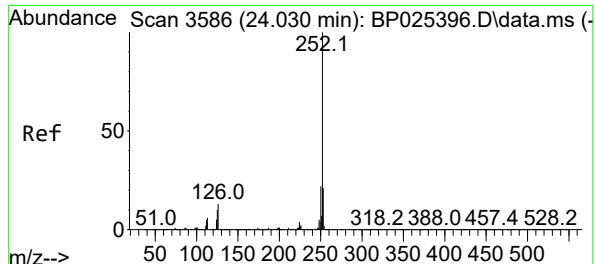
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 37.464 ng

RT: 24.042 min Scan# 3586

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:252 Resp: 265390

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

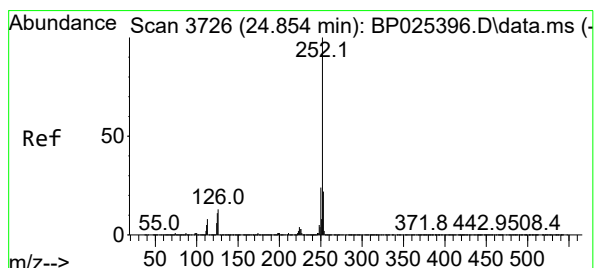
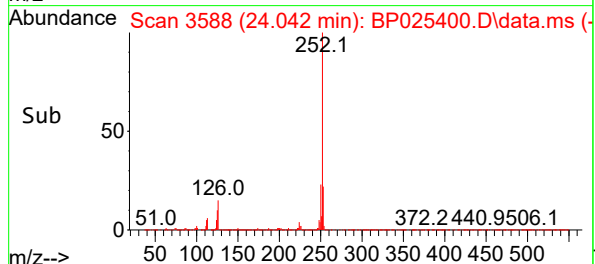
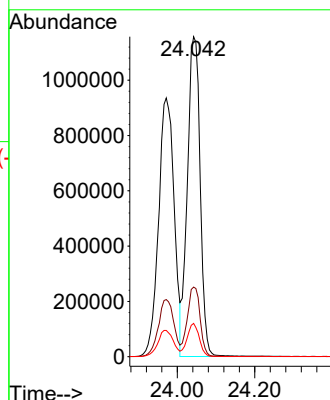
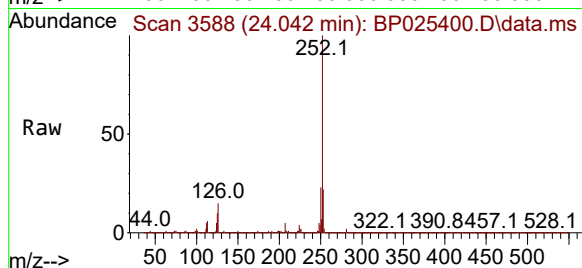
125 10.4 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 37.160 ng

RT: 24.871 min Scan# 3729

Delta R.T. 0.018 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

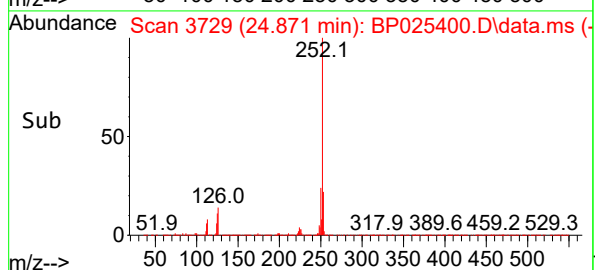
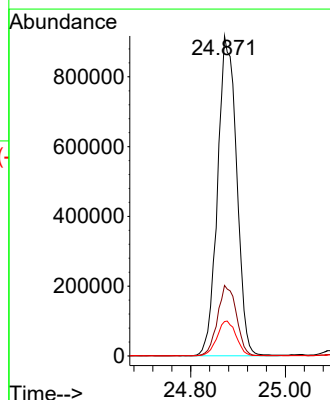
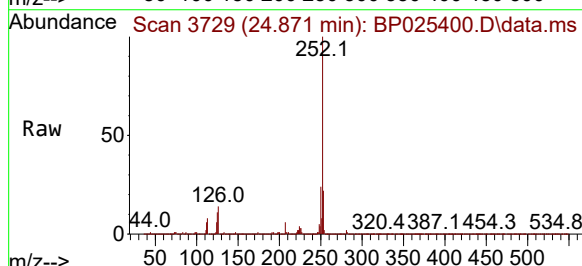
Tgt Ion:252 Resp: 2560692

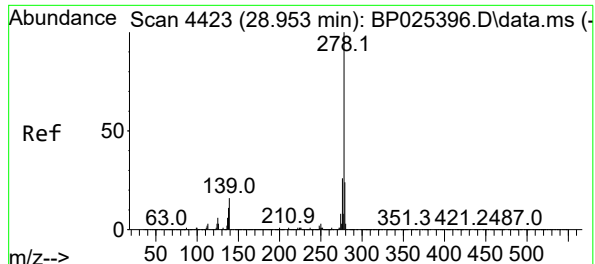
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

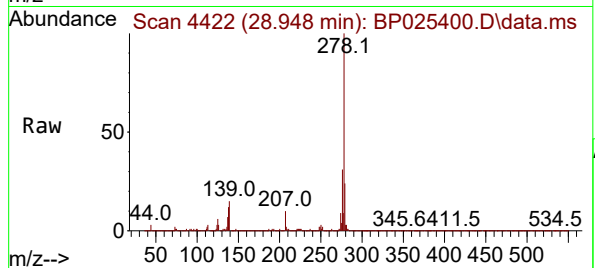
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4423
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

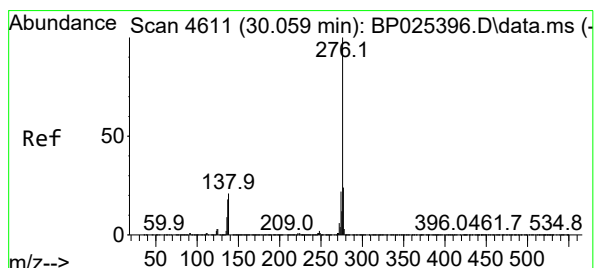
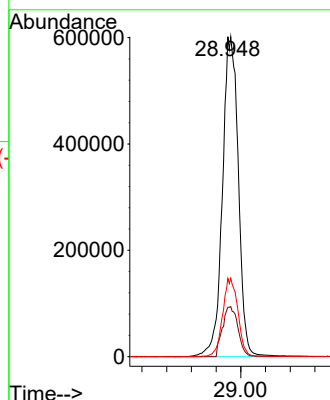
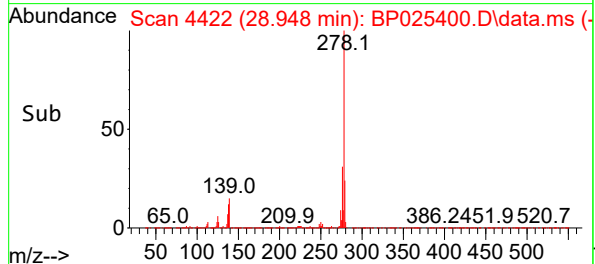
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



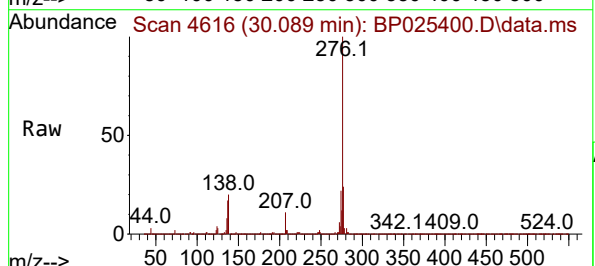
Tgt Ion: 278 Resp: 2697330
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 24.4 19.4 29.2

Manual Integrations
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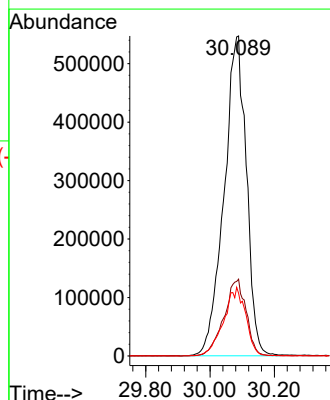
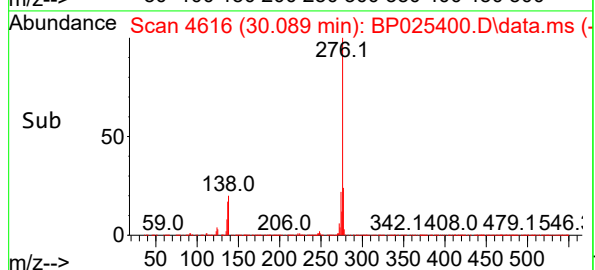
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 276 Resp: 2632085
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 19.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2	1,4-Dioxane	0.472	0.399	15.5	99	0.00
3	Pyridine	1.291	1.159	10.2	105	0.00
4	n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5 S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6	Aniline	2.080	1.984	4.6	108	0.00
7 S	Phenol-d6	1.544	1.383	10.4	101	0.00
8	2-Chlorophenol	1.359	1.308	3.8	110	0.00
9	Benzaldehyde	1.082	0.923	14.7	75	0.00
10 C	Phenol	1.620	1.555	4.0	109	0.00
11	bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12	1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13 C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14	1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15	Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17	2-Methylphenol	1.125	1.094	2.8	109	0.00
18	Hexachloroethane	0.563	0.536	4.8	109	0.00
19 P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20	3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22	Acetophenone	0.502	0.479	4.6	112	0.00
23 S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24	Nitrobenzene	0.353	0.330	6.5	108	0.00
25	Isophorone	0.700	0.662	5.4	111	0.00
26 C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27	2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29 C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30	1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31	Naphthalene	1.040	0.973	6.4	110	0.00
32	Benzoic acid	0.230	0.220	4.3	110	0.01
33	4-Chloroaniline	0.459	0.437	4.8	109	0.00
34 C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35	Caprolactam	0.114	0.109	4.4	112	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37	2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38	1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41 P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42 S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44	2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45 S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46	1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47	2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.329	0.322	2.1	111	0.00
49	Acenaphthylene	1.871	1.764	5.7	111	0.00
50	Dimethylphthalate	1.465	1.398	4.6	114	0.00
51	2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52 C	Acenaphthene	1.098	1.011	7.9	111	0.00
53	3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54 P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55	Dibenzofuran	1.736	1.620	6.7	110	0.00
56 P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57	2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58	Fluorene	1.370	1.267	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60	Diethylphthalate	1.488	1.407	5.4	112	0.00
61	4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62	4-Nitroaniline	0.356	0.345	3.1	112	0.00
63	Azobenzene	1.274	1.227	3.7	113	0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67	4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68	Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69	Atrazine	0.228	0.217	4.8	116	0.00
70 C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71	Phenanthrene	1.099	1.001	8.9	113	0.01
72	Anthracene	1.122	1.054	6.1	114	0.00
73	Carbazole	1.057	0.981	7.2	114	0.00
74	Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75 C	Fluoranthene	1.311	1.228	6.3	117	0.02
76 I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77	Benzydine	0.683	0.721	-5.6	88	0.00
78	Pyrene	1.300	1.216	6.5	113	0.01
79 S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80	Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81	Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82	3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83	Chrysene	1.235	1.153	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85 c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86 I	Perylene-d12	1.000	1.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88	Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89	Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90 C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91	Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92	Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2	1,4-Dioxane	40.000	33.792	15.5	99	0.00
3	Pyridine	40.000	35.901	10.2	105	0.00
4	n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5 S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6	Aniline	40.000	38.147	4.6	108	0.00
7 S	Phenol-d6	80.000	71.663	10.4	101	0.00
8	2-Chlorophenol	40.000	38.501	3.7	110	0.00
9	Benzaldehyde	40.000	34.142	14.6	75	0.00
10 C	Phenol	40.000	38.388	4.0	109	0.00
11	bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12	1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13 C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14	1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15	Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17	2-Methylphenol	40.000	38.877	2.8	109	0.00
18	Hexachloroethane	40.000	38.103	4.7	109	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20	3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22	Acetophenone	40.000	38.216	4.5	112	0.00
23 S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24	Nitrobenzene	40.000	37.313	6.7	108	0.00
25	Isophorone	40.000	37.855	5.4	111	0.00
26 C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27	2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29 C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30	1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31	Naphthalene	40.000	37.431	6.4	110	0.00
32	Benzoic acid	40.000	38.242	4.4	110	0.01
33	4-Chloroaniline	40.000	38.043	4.9	109	0.00
34 C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35	Caprolactam	40.000	38.310	4.2	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37	2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38	1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42 S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44	2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45 S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46	1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47	2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	39.081	2.3	111	0.00
49	Acenaphthylene	40.000	37.720	5.7	111	0.00
50	Dimethylphthalate	40.000	38.170	4.6	114	0.00
51	2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52 C	Acenaphthene	40.000	36.837	7.9	111	0.00
53	3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54 P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55	Dibenzofuran	40.000	37.324	6.7	110	0.00
56 P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57	2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58	Fluorene	40.000	36.992	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60	Diethylphthalate	40.000	37.810	5.5	112	0.00
61	4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62	4-Nitroaniline	40.000	38.717	3.2	112	0.00
63	Azobenzene	40.000	38.526	3.7	113	0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67	4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68	Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69	Atrazine	40.000	38.057	4.9	116	0.00
70 C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71	Phenanthrene	40.000	36.445	8.9	113	0.01
72	Anthracene	40.000	37.563	6.1	114	0.00
73	Carbazole	40.000	37.116	7.2	114	0.00
74	Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75 C	Fluoranthene	40.000	37.481	6.3	117	0.02
76 I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77	Benzydine	40.000	42.271	-5.7	88	0.00
78	Pyrene	40.000	37.404	6.5	113	0.01
79 S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80	Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81	Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82	3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83	Chrysene	40.000	37.353	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85 c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86 I	Perylene-d12	20.000	20.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88	Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89	Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90 C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91	Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92	Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = 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>PORT06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2832</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/14/2025 22:56</u>
Lab File ID:	<u>BP025405.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.221		1.4	
Benzaldehyde	1.082	1.279		18.2	
Phenol-d6	1.544	1.575		2.0	
Phenol	1.620	1.651		1.9	20.0
bis(2-Chloroethyl)ether	1.263	1.264		0.1	
2-Chlorophenol	1.359	1.370		0.8	
2-Methylphenol	1.125	1.148		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.659		-2.0	
Acetophenone	0.502	0.513		2.2	
3+4-Methylphenols	1.560	1.590		1.9	
n-Nitroso-di-n-propylamine	1.023	1.040	0.050	1.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.560		-0.5	
Nitrobenzene	0.353	0.363		2.8	
Isophorone	0.700	0.711		1.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.321		2.9	
bis(2-Chloroethoxy)methane	0.423	0.422		-0.2	
2,4-Dichlorophenol	0.310	0.322		3.9	20.0
Naphthalene	1.040	1.045		0.5	
4-Chloroaniline	0.459	0.473		3.0	
Hexachlorobutadiene	0.211	0.214		1.4	20.0
Caprolactam	0.114	0.118		3.5	
4-Chloro-3-methylphenol	0.355	0.369		3.9	20.0
2-Methylnaphthalene	0.676	0.674		-0.3	
Hexachlorocyclopentadiene	0.349	0.374	0.050	7.2	
2,4,6-Trichlorophenol	0.390	0.400		2.6	20.0
2-Fluorobiphenyl	1.463	1.470		0.5	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.450		-0.2	
2-Chloronaphthalene	1.131	1.140		0.7	
2-Nitroaniline	0.329	0.349		6.1	
Dimethylphthalate	1.465	1.497		2.2	
Acenaphthylene	1.871	1.926		2.9	
2,6-Dinitrotoluene	0.309	0.323		4.5	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.125		2.5	20.0
2,4-Dinitrophenol	0.165	0.172	0.050	4.2	
4-Nitrophenol	0.285	0.297	0.050	4.2	



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>PORT06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2832</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/14/2025 22:56</u>
Lab File ID:	<u>BP025405.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.746		0.6	
2,4-Dinitrotoluene	0.440	0.467		6.1	
Diethylphthalate	1.488	1.506		1.2	
4-Chlorophenyl-phenylether	0.681	0.685		0.6	
Fluorene	1.370	1.387		1.2	
4-Nitroaniline	0.356	0.376		5.6	
4,6-Dinitro-2-methylphenol	0.125	0.127		1.6	
n-Nitrosodiphenylamine	0.610	0.607		-0.5	20.0
2,4,6-Tribromophenol	0.269	0.276		2.6	
4-Bromophenyl-phenylether	0.220	0.218		-0.9	
Hexachlorobenzene	0.255	0.254		-0.4	
Atrazine	0.228	0.232		1.8	
Pentachlorophenol	0.161	0.180		11.8	20.0
Phenanthrene	1.099	1.097		-0.2	
Anthracene	1.122	1.124		0.2	
Carbazole	1.057	1.074		1.6	
Di-n-butylphthalate	1.300	1.303		0.2	
Fluoranthene	1.311	1.320		0.7	20.0
Pyrene	1.300	1.275		-1.9	
Terphenyl-d14	1.093	1.068		-2.3	
Butylbenzylphthalate	0.589	0.588		-0.2	
3,3-Dichlorobenzidine	0.497	0.510		2.6	
Benzo (a) anthracene	1.319	1.331		0.9	
Chrysene	1.235	1.253		1.5	
Bis(2-ethylhexyl)phthalate	0.867	0.857		-1.2	
Di-n-octyl phthalate	1.492	1.484		-0.5	20.0
Benzo (b) fluoranthene	1.179	1.199		1.7	
Benzo (k) fluoranthene	1.180	1.177		-0.3	
Benzo (a) pyrene	1.148	1.151		0.3	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.475		0.5	
Dibenzo (a,h) anthracene	1.199	1.208		0.8	
Benzo (g,h,i) perylene	1.178	1.184		0.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.583		0.9	
1,4-Dioxane	0.472	0.477		1.1	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.395		4.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	125696	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	523394	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	347617	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	711916	20.000	ng	0.00
76) Chrysene-d12	21.642	240	755861	20.000	ng	0.00
86) Perylene-d12	25.007	264	870596	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	613743	81.088	ng	0.00
7) Phenol-d6	6.966	99	791903	81.606	ng	0.00
23) Nitrobenzene-d5	8.931	82	844645	81.634	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	384325	82.139	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2044524	80.382	ng	0.00
79) Terphenyl-d14	19.913	244	3228271	78.141	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	119811	40.412	ng	99
3) Pyridine	3.731	79	323677	39.888	ng	97
4) n-Nitrosodimethylamine	3.637	42	137499	41.101	ng	100
6) Aniline	7.125	93	535660	40.970	ng	99
8) 2-Chlorophenol	7.360	128	344395	40.322	ng	98
9) Benzaldehyde	6.937	77	321407	47.275	ng	97
10) Phenol	6.990	94	415144	40.771	ng	97
11) bis(2-Chloroethyl)ether	7.213	93	317837	40.048	ng	99
12) 1,3-Dichlorobenzene	7.684	146	384528	40.829	ng	99
13) 1,4-Dichlorobenzene	7.825	146	390491	40.565	ng	97
14) 1,2-Dichlorobenzene	8.137	146	369165	39.617	ng	97
15) Benzyl Alcohol	8.019	79	313588	40.671	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	417099	39.232	ng	100
17) 2-Methylphenol	8.225	107	288474	40.791	ng	99
18) Hexachloroethane	8.860	117	140690	39.750	ng	93
19) n-Nitroso-di-n-propyla...	8.584	70	261390	40.666	ng	97
20) 3+4-Methylphenols	8.549	107	399643	40.768	ng	97
22) Acetophenone	8.601	105	537231	40.930	ng	# 97
24) Nitrobenzene	8.972	77	380213	41.117	ng	100
25) Isophorone	9.496	82	744195	40.642	ng	99
26) 2-Nitrophenol	9.672	139	194543	40.994	ng	99
27) 2,4-Dimethylphenol	9.737	122	335562	41.117	ng	95
28) bis(2-Chloroethoxy)met...	9.966	93	441941	39.927	ng	100
29) 2,4-Dichlorophenol	10.207	162	336641	41.524	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	354463	39.885	ng	98
31) Naphthalene	10.607	128	1093427	40.194	ng	99
32) Benzoic acid	9.866	122	233390	38.736	ng	99
33) 4-Chloroaniline	10.707	127	495623	41.245	ng	99
34) Hexachlorobutadiene	10.896	225	224258	40.518	ng	98
35) Caprolactam	11.484	113	123107	41.412	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	385915	41.484	ng	100
37) 2-Methylnaphthalene	12.213	142	705161	39.832	ng	98
38) 1-Methylnaphthalene	12.431	142	747864	39.723	ng	98
40) 1,2,4,5-Tetrachloroben...	12.578	216	405013	40.342	ng	100
41) Hexachlorocyclopentadiene	12.566	237	260202	42.907	ng	100
43) 2,4,6-Trichlorophenol	12.819	196	278358	41.069	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	307958	41.457	ng	97
46) 1,1'-Biphenyl	13.225	154	1008154	39.933	ng	99
47) 2-Chloronaphthalene	13.266	162	792217	40.309	ng	99
48) 2-Nitroaniline	13.466	65	242354	42.321	ng	98
49) Acenaphthylene	14.119	152	1339242	41.180	ng	100
50) Dimethylphthalate	13.854	163	1040970	40.894	ng	99
51) 2,6-Dinitrotoluene	13.966	165	224718	41.884	ng	99
52) Acenaphthene	14.472	154	781821	40.956	ng	100
53) 3-Nitroaniline	14.289	138	253400	41.978	ng	98
54) 2,4-Dinitrophenol	14.507	184	119870	41.836	ng	97
55) Dibenzofuran	14.807	168	1213914	40.222	ng	99
56) 4-Nitrophenol	14.613	139	206425	41.615	ng	96
57) 2,4-Dinitrotoluene	14.760	165	324412	42.379	ng	98
58) Fluorene	15.466	166	964155	40.486	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	274669	41.876	ng	99
60) Diethylphthalate	15.242	149	1047107	40.483	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	476298	40.215	ng	98
62) 4-Nitroaniline	15.472	138	261619	42.276	ng	98
63) Azobenzene	15.760	77	910196	41.097	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	180993	40.785	ng	99
66) n-Nitrosodiphenylamine	15.678	169	864418	39.818	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	310981	39.718	ng	96
68) Hexachlorobenzene	16.489	284	361031	39.777	ng	100
69) Atrazine	16.654	200	329865	40.573	ng	99
70) Pentachlorophenol	16.842	266	256195	44.716	ng	96
71) Phenanthrene	17.242	178	1561490	39.928	ng	99
72) Anthracene	17.330	178	1600393	40.073	ng	99
73) Carbazole	17.607	167	1529199	40.652	ng	99
74) Di-n-butylphthalate	18.213	149	1855338	40.088	ng	99
75) Fluoranthene	19.324	202	1879703	40.295	ng	98
77) Benzidine	19.507	184	1255588	48.674	ng	99
78) Pyrene	19.695	202	1927979	39.243	ng	99
80) Butylbenzylphthalate	20.648	149	888903	39.923	ng	96
81) Benzo(a)anthracene	21.618	228	2011424	40.350	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	771557	41.063	ng	99
83) Chrysene	21.689	228	1894765	40.587	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1295582	39.528	ng	99
85) Di-n-octyl phthalate	22.860	149	2243739	39.799	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2567850m	40.219	ng	
88) Benzo(b)fluoranthene	23.942	252	2087946	40.672	ng	100
89) Benzo(k)fluoranthene	24.024	252	2049523	39.896	ng	99
90) Benzo(a)pyrene	24.854	252	2004437	40.111	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2103391	40.314	ng	98
92) Benzo(g,h,i)perylene	30.012	276	2062390	40.212	ng	99

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

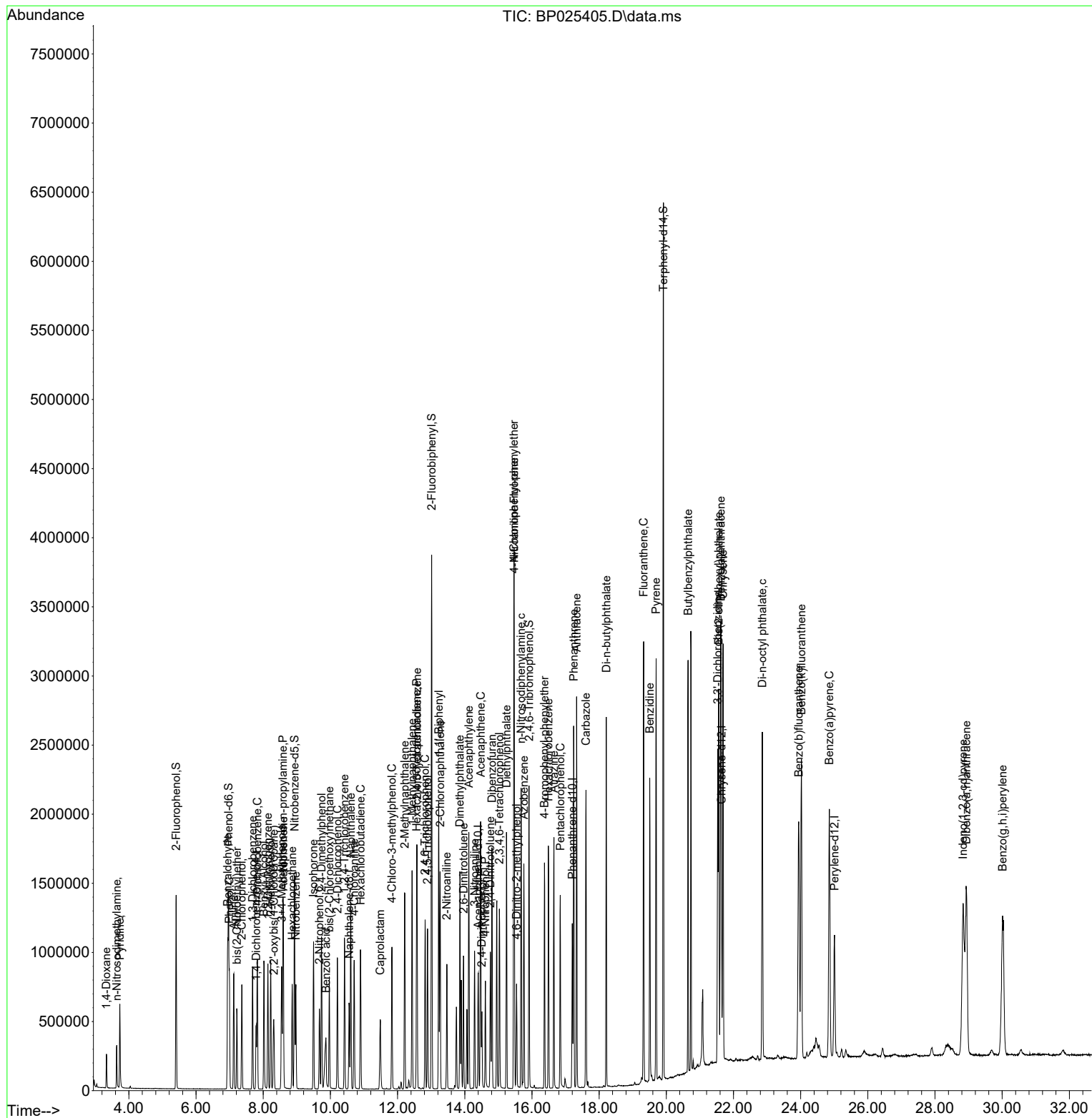
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Data File : BP025405.D
Acq On : 14 Aug 2025 22:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

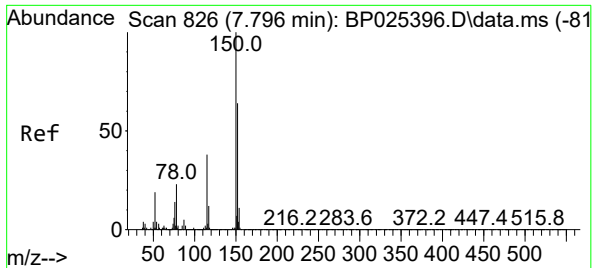
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BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

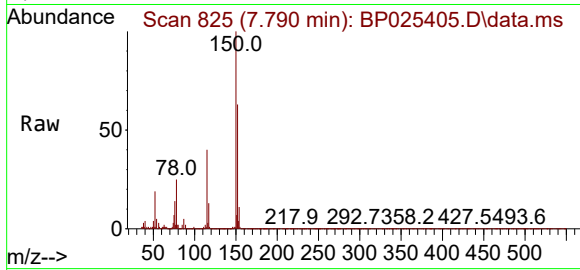
Quant Time: Aug 15 01:38:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

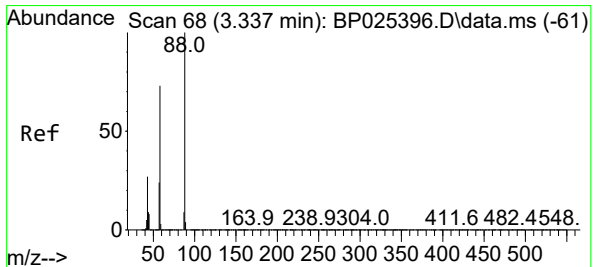
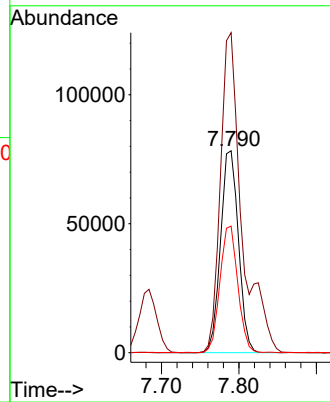
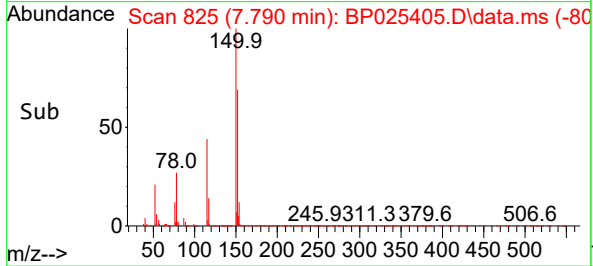
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 125690
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 62.7 48.5 72.7

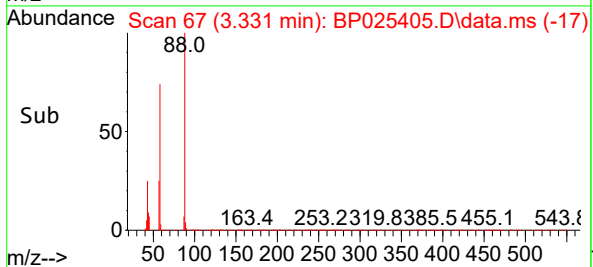
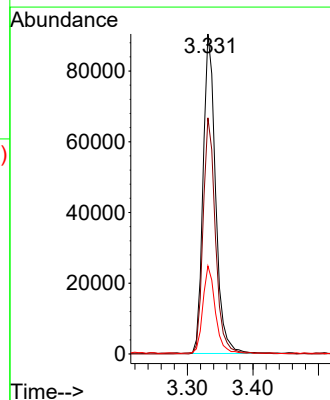
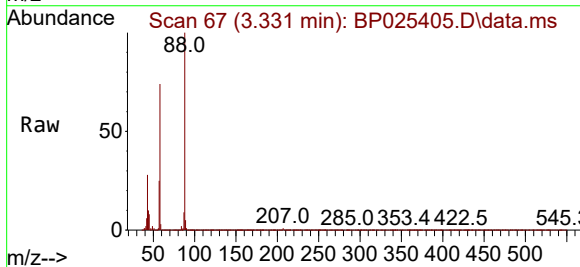
Manual Integrations
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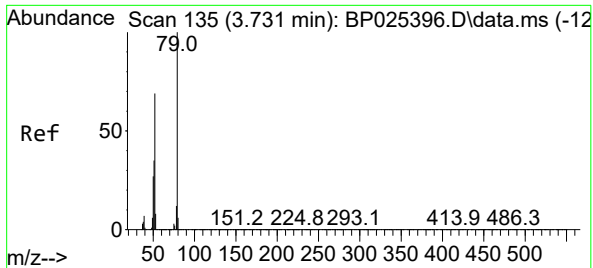
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 40.412 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

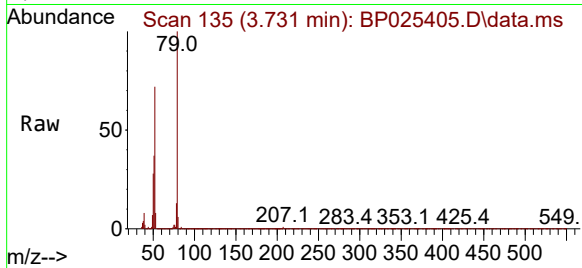
Tgt Ion: 88 Resp: 119811
Ion Ratio Lower Upper
88 100
58 73.4 59.2 88.8
43 27.2 21.7 32.5





#3
Pyridine
Concen: 39.888 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

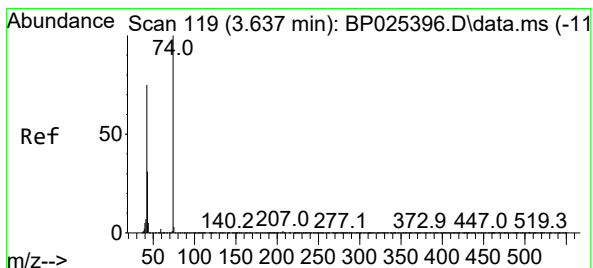
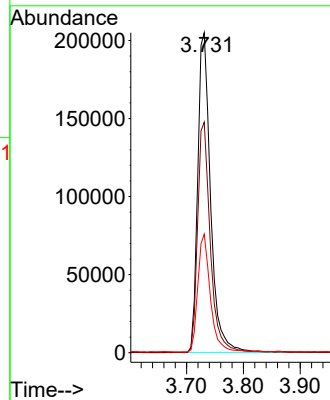
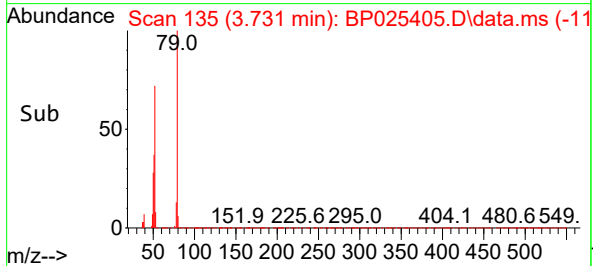
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 32367
Ion Ratio Lower Upper
79 100
52 72.1 55.5 83.3
51 37.0 28.3 42.5

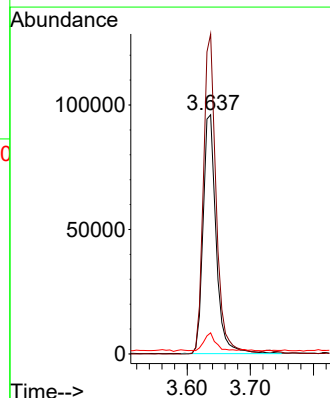
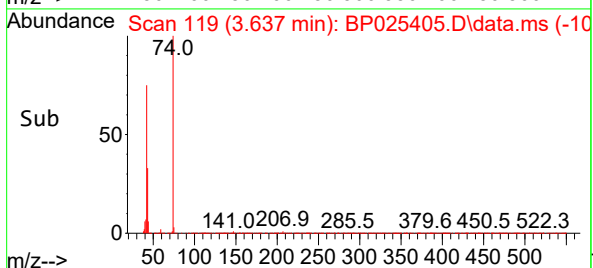
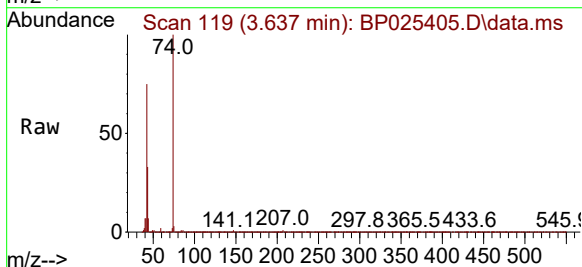
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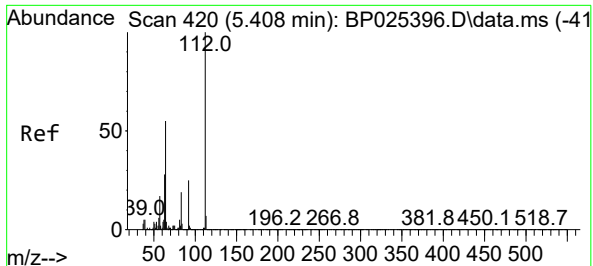
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 41.101 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

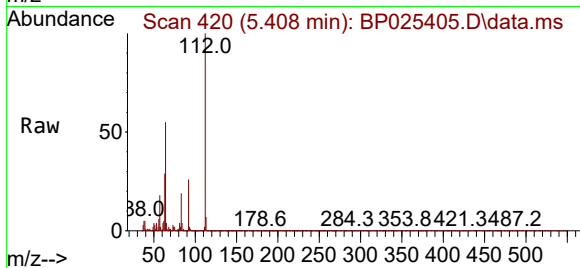
Tgt Ion: 42 Resp: 137499
Ion Ratio Lower Upper
42 100
74 133.7 107.0 160.4
44 8.8 6.2 9.4





#5
2-Fluorophenol
Concen: 81.088 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

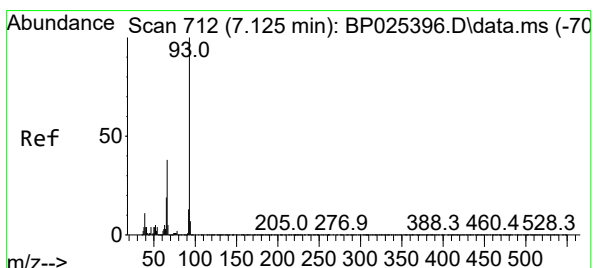
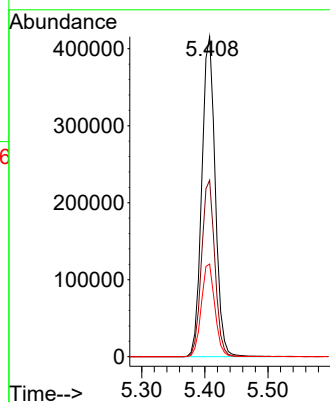
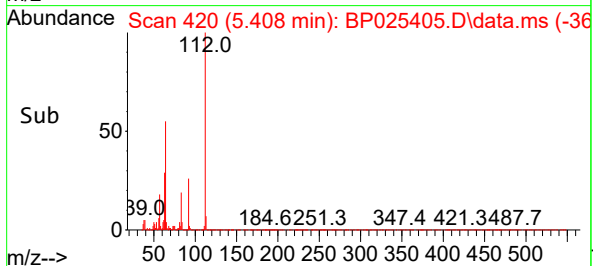
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 61374
Ion Ratio Lower Upper
112 100
64 55.2 43.8 65.8
63 29.0 22.7 34.1

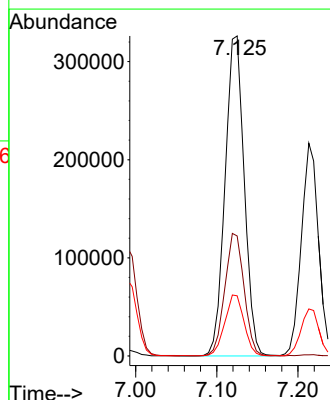
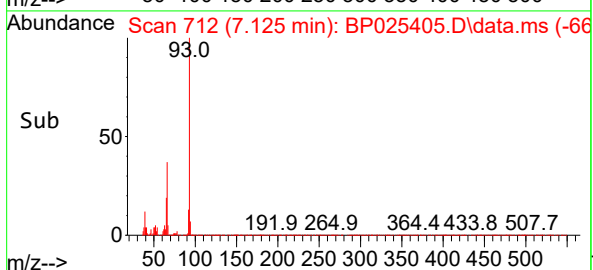
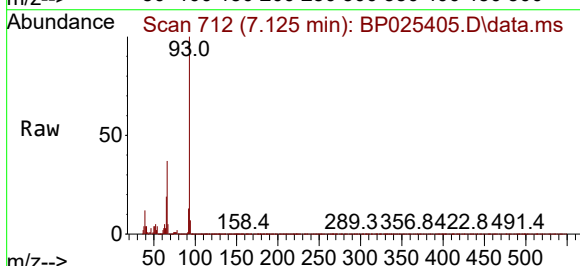
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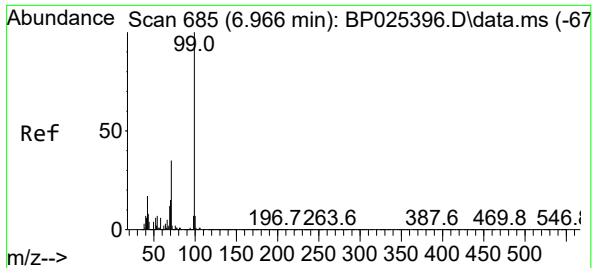
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 40.970 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

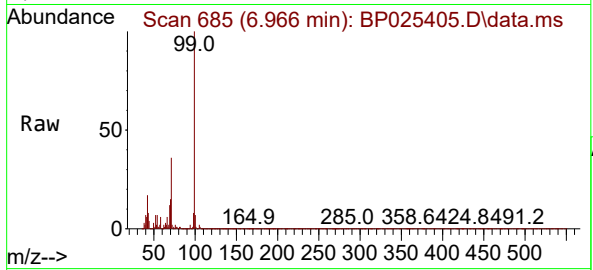
Tgt Ion: 93 Resp: 535660
Ion Ratio Lower Upper
93 100
66 37.5 30.4 45.6
65 18.8 15.3 22.9





#7
Phenol-d6
Concen: 81.606 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

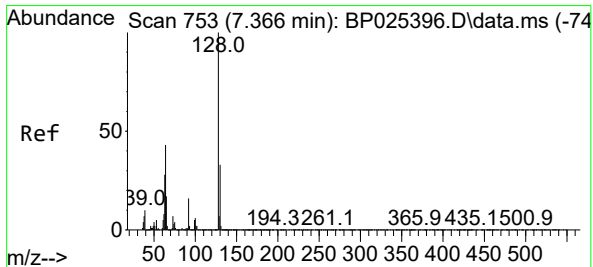
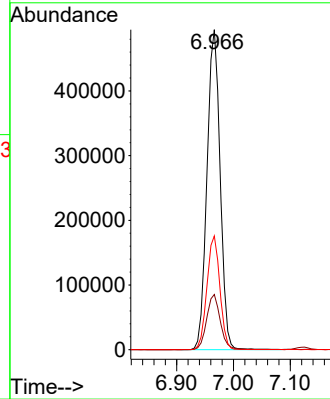
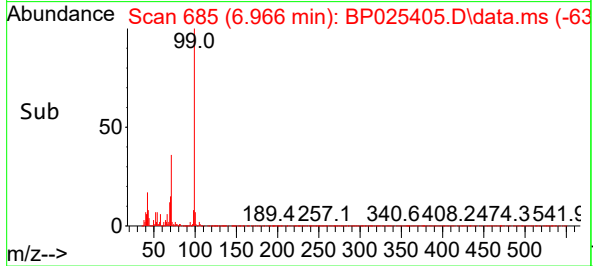
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 79190
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 35.6 28.2 42.4

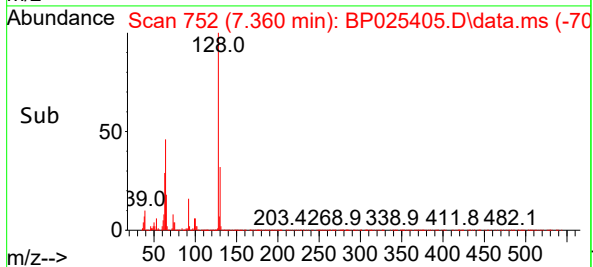
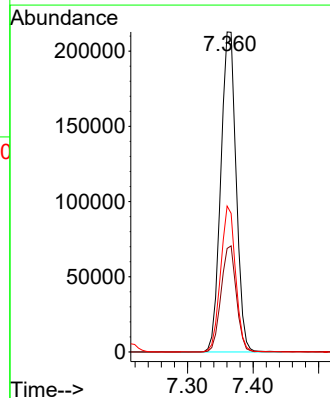
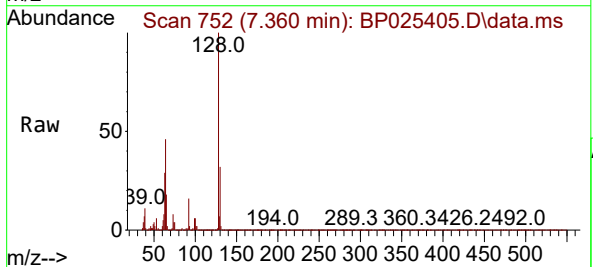
Manual Integrations
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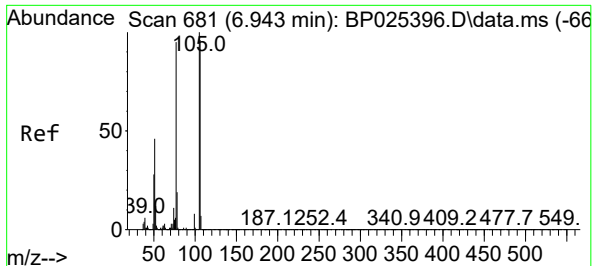
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 40.322 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

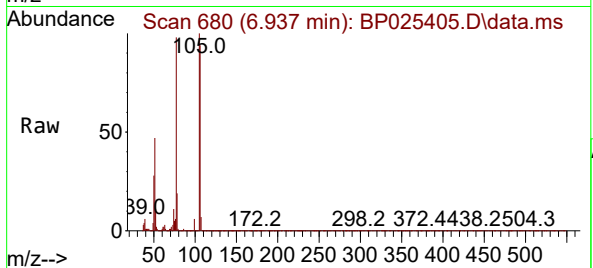
Tgt Ion:128 Resp: 344395
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 45.6 23.4 63.4





#9
Benzaldehyde
Concen: 47.275 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

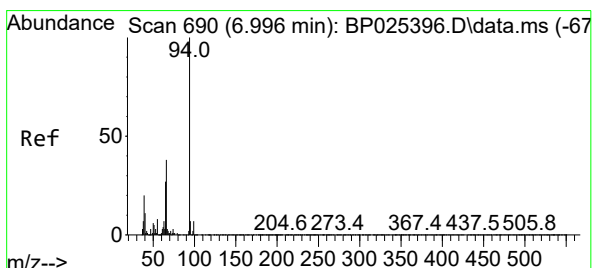
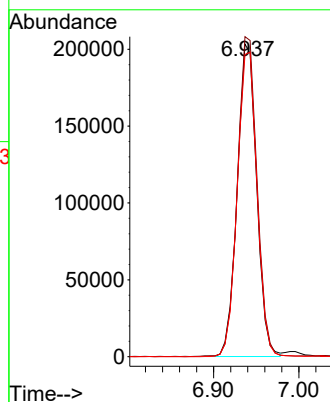
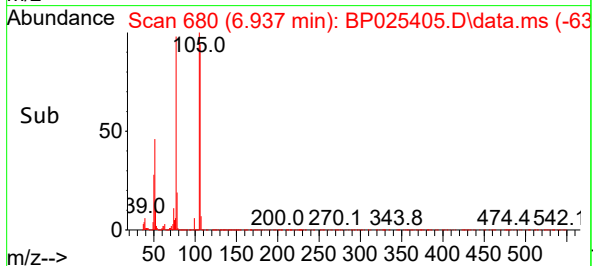
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 32140
Ion Ratio Lower Upper
77 100
105 102.4 84.8 124.8
106 96.7 80.5 120.5

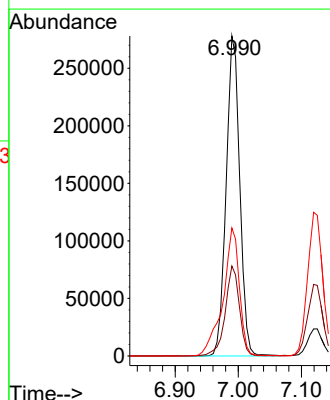
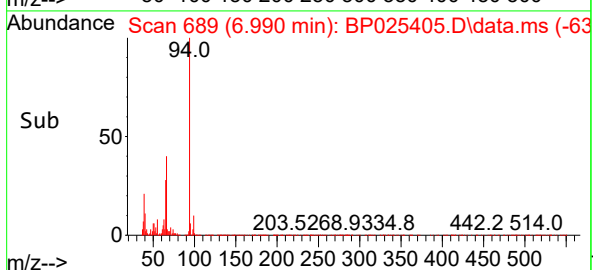
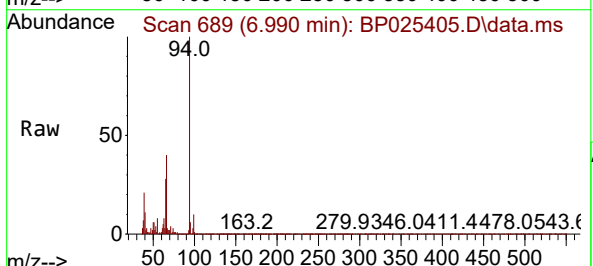
Manual Integrations
APPROVED

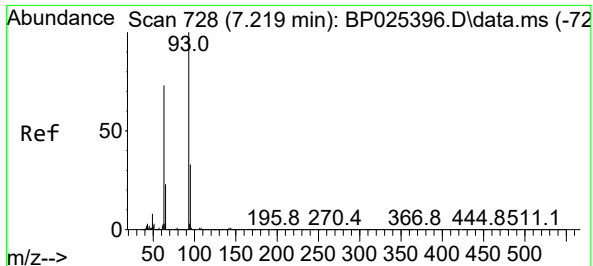
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 40.771 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

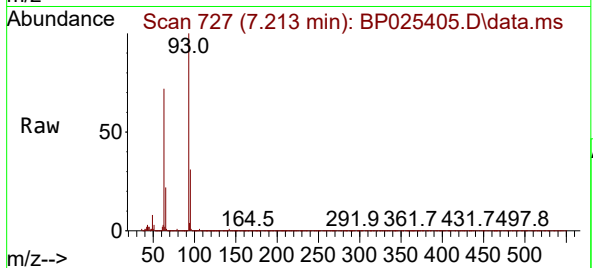
Tgt Ion: 94 Resp: 415144
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 40.0 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 40.048 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

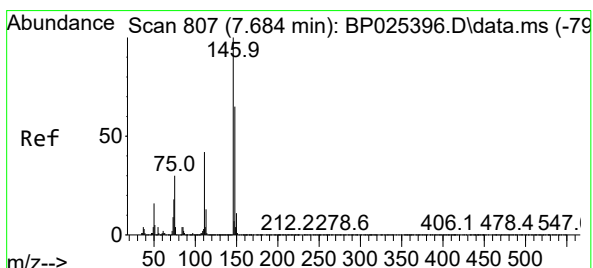
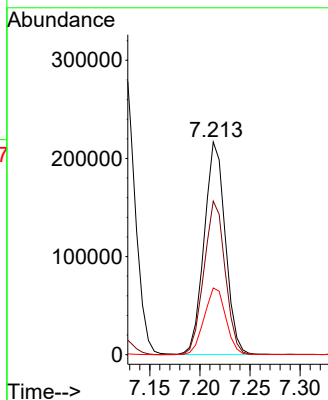
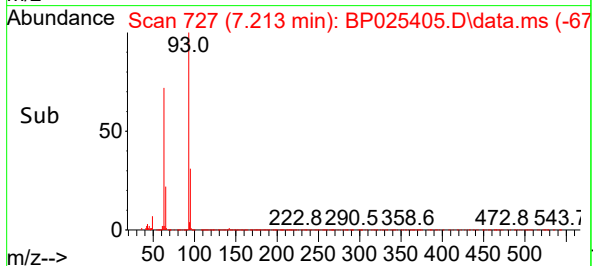
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 31783
Ion Ratio Lower Upper
93 100
63 72.2 52.6 92.6
95 31.4 12.7 52.7

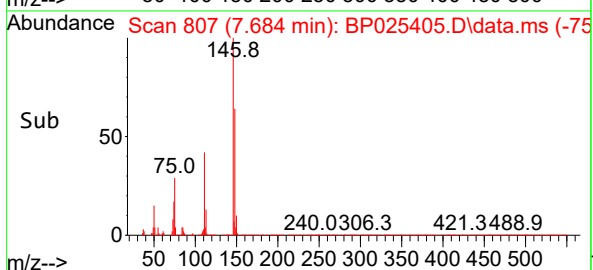
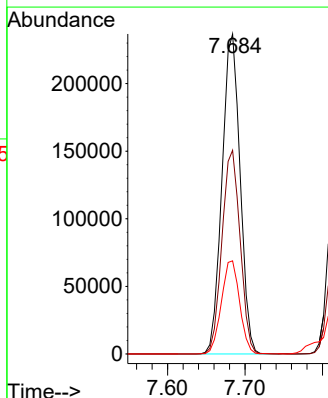
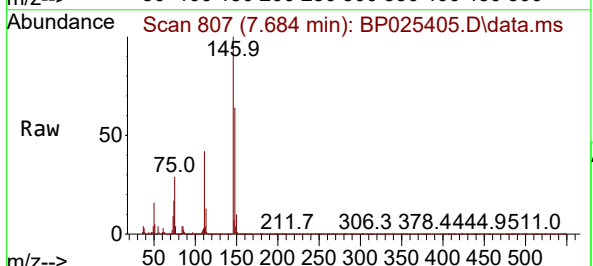
Manual Integrations
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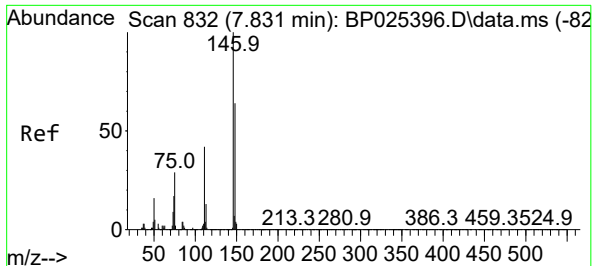
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#12
1,3-Dichlorobenzene
Concen: 40.829 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:146 Resp: 384528
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 29.1 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 40.565 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 39049

Ion Ratio Lower Upper

146 100

148 61.8 51.6 77.4

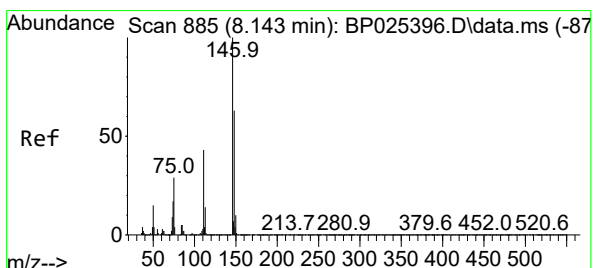
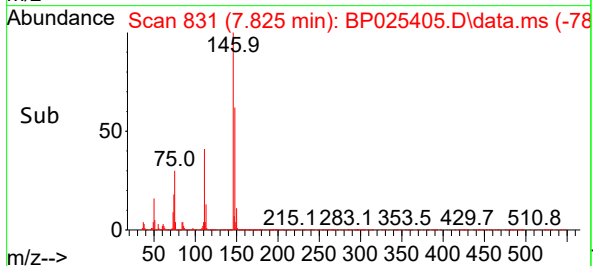
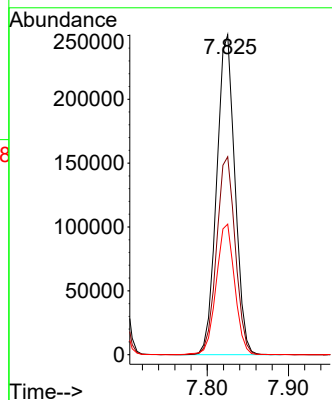
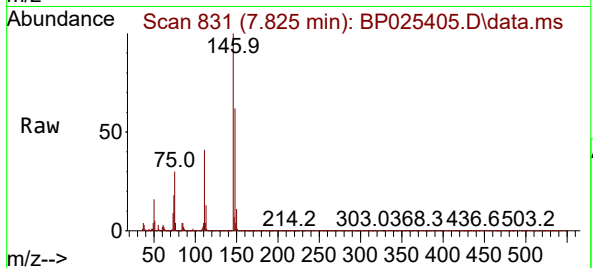
111 40.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 39.617 ng

RT: 8.137 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

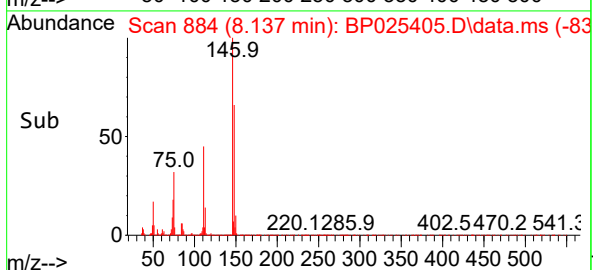
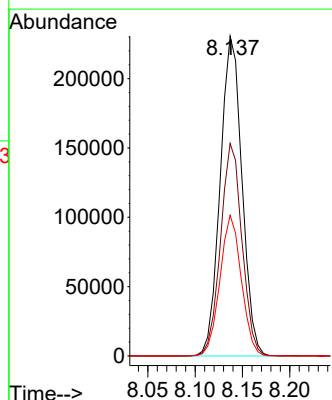
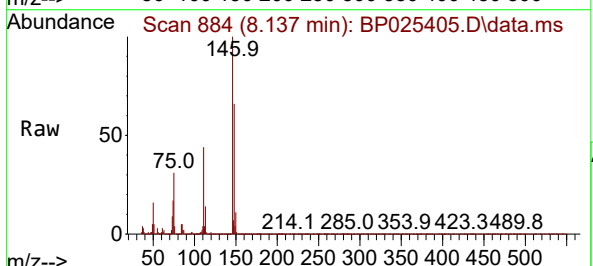
Tgt Ion:146 Resp: 369165

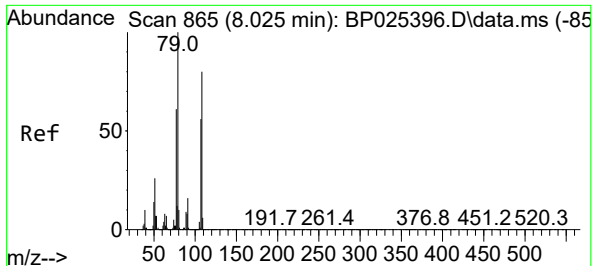
Ion Ratio Lower Upper

146 100

148 66.4 50.4 75.6

111 44.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 40.671 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 31358

Ion Ratio Lower Upper

79 100

108 79.5 63.8 95.6

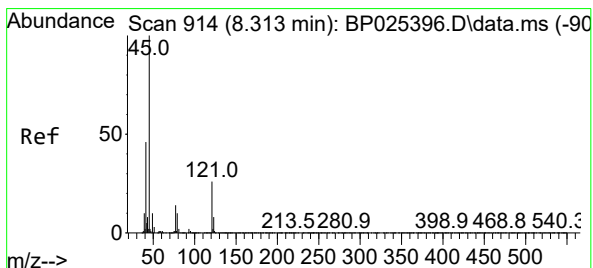
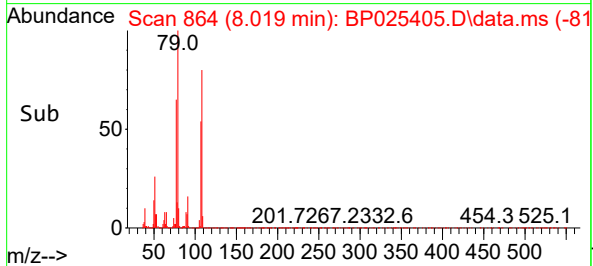
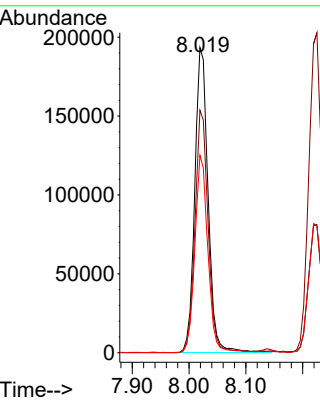
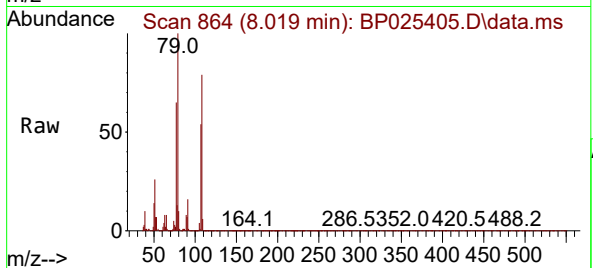
77 64.7 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.232 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

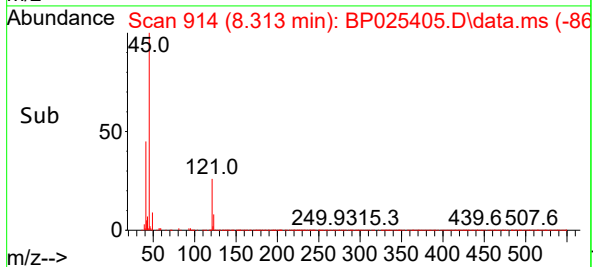
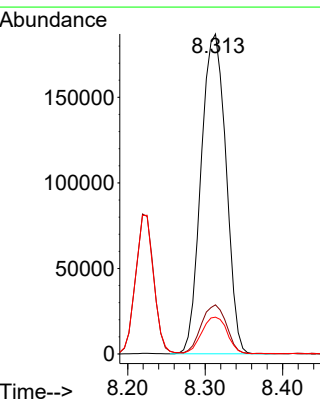
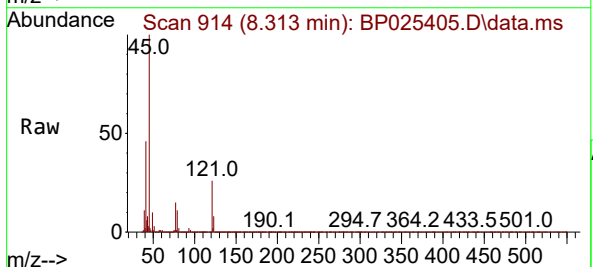
Tgt Ion: 45 Resp: 417099

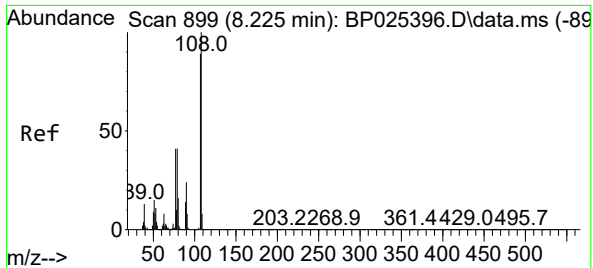
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

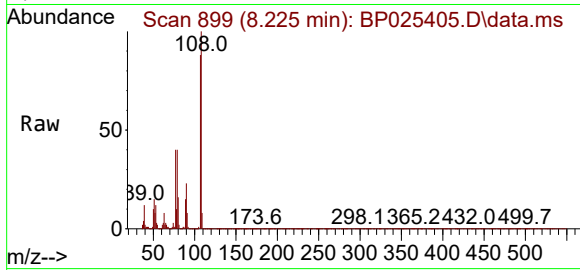
79 11.5 0.0 31.8





#17
2-Methylphenol
Concen: 40.791 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

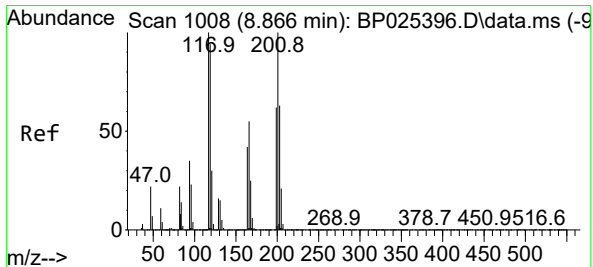
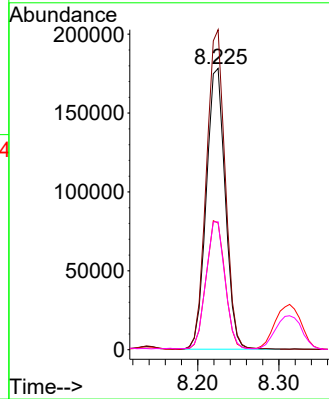
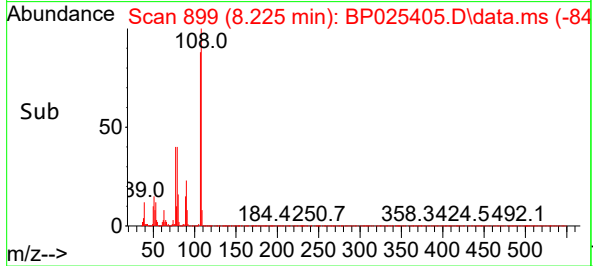
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 288474
Ion Ratio Lower Upper
107 100
108 113.8 89.4 134.0
77 45.1 36.3 54.5
79 45.5 36.6 54.8

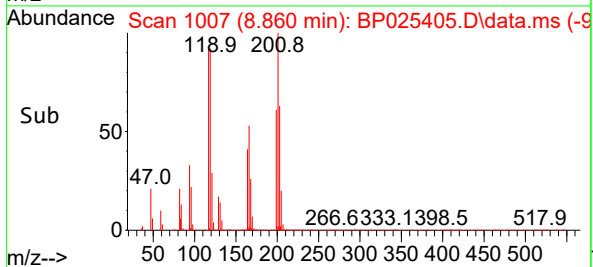
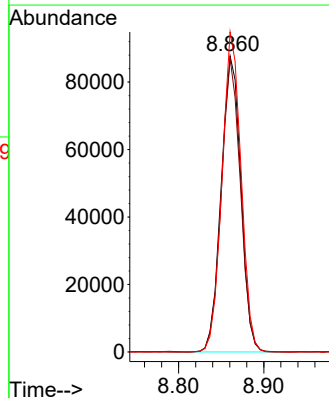
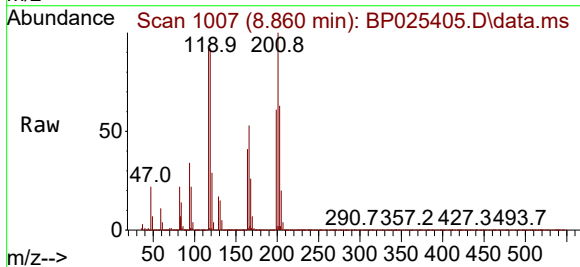
Manual Integrations
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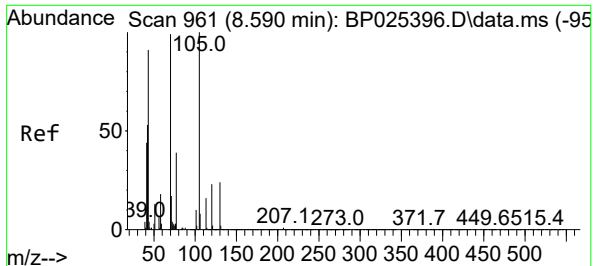
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 39.750 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:117 Resp: 140690
Ion Ratio Lower Upper
117 100
119 99.2 75.1 112.7
201 108.2 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.666 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025405.D

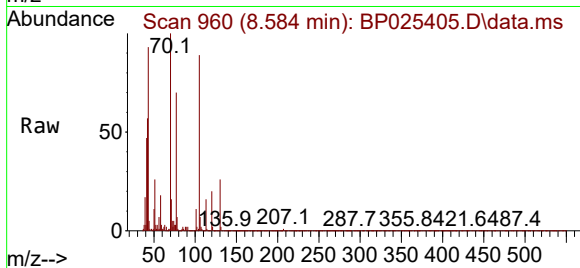
Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 261390

Ion Ratio Lower Upper

70 100

42 57.2 43.8 65.6

101 10.7 8.5 12.7

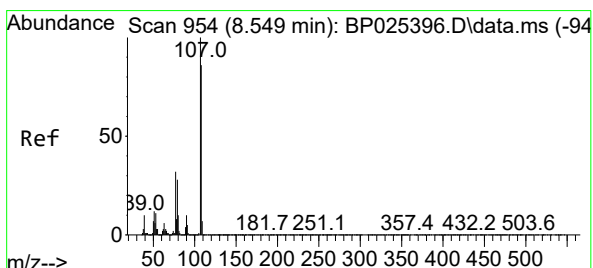
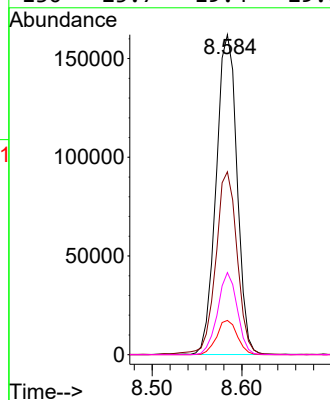
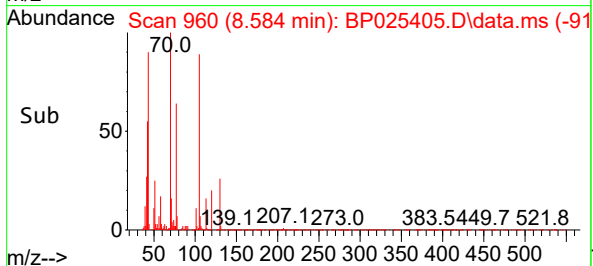
130 25.7 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 40.768 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Tgt Ion:107 Resp: 399643

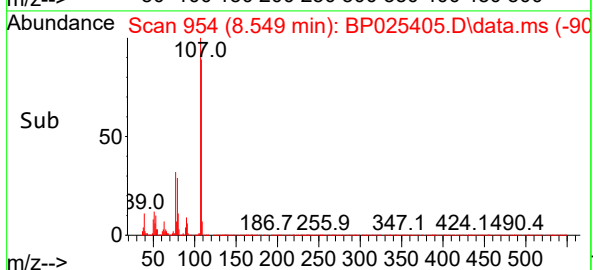
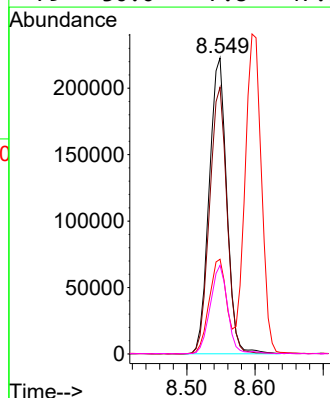
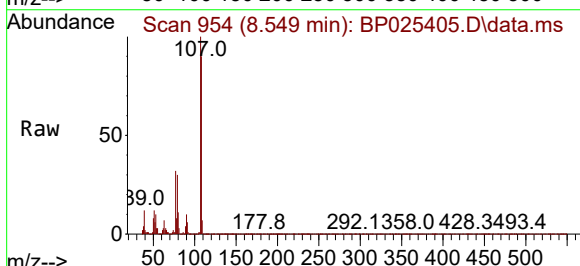
Ion Ratio Lower Upper

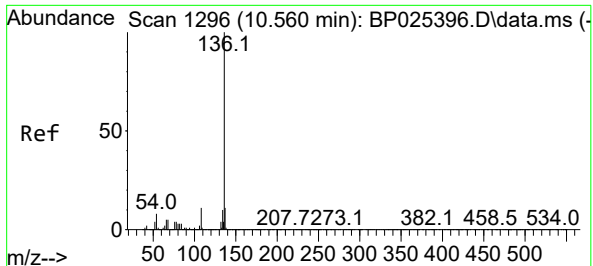
107 100

108 90.1 66.3 106.3

77 32.0 12.3 52.3

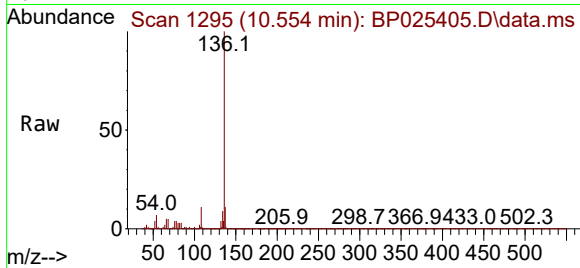
79 30.0 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

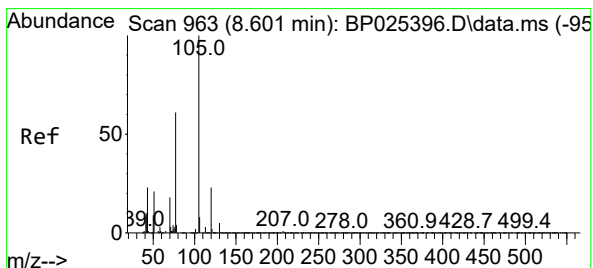
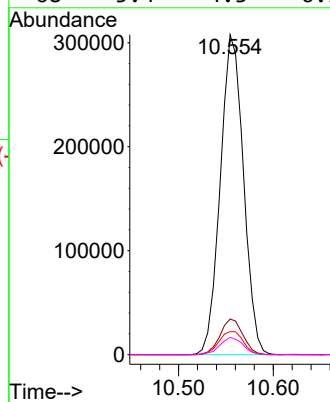
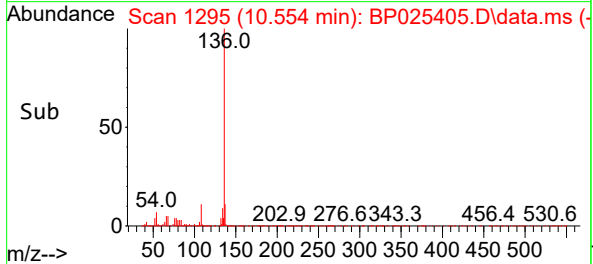
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 523394
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.2 6.0 9.0
68 5.4 4.3 6.5

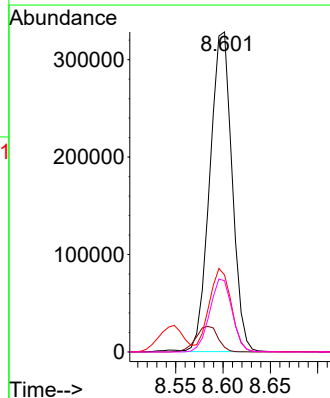
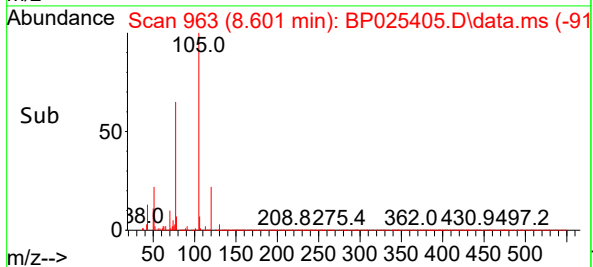
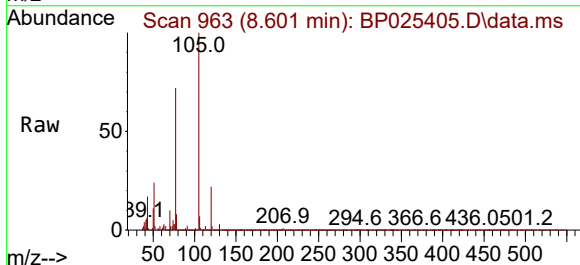
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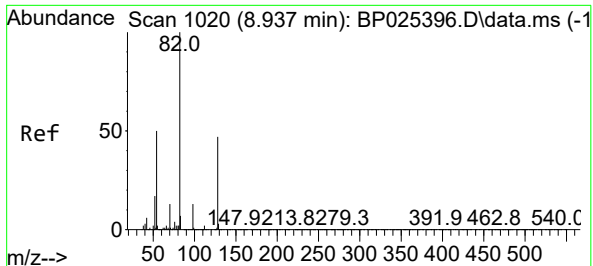
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 40.930 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:105 Resp: 537231
Ion Ratio Lower Upper
105 100
71 1.5 2.6 4.0#
51 24.1 20.6 30.8
120 22.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 81.634 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025405.D

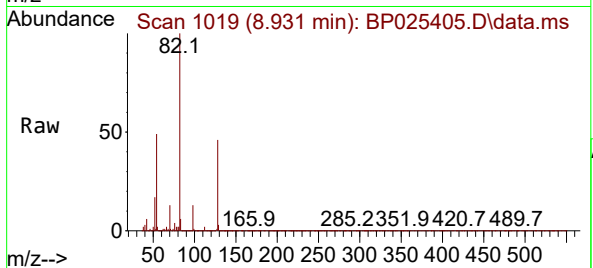
Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 84464

Ion Ratio Lower Upper

82 100

128 45.7 37.7 56.5

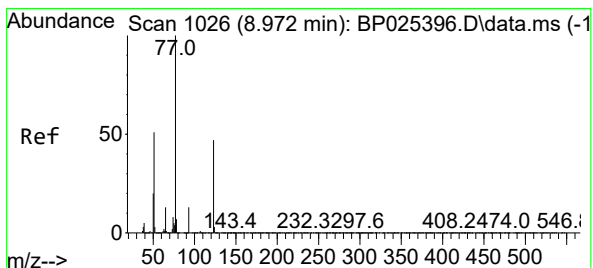
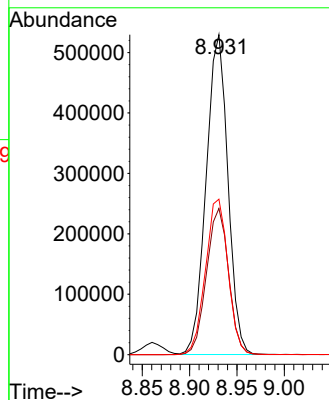
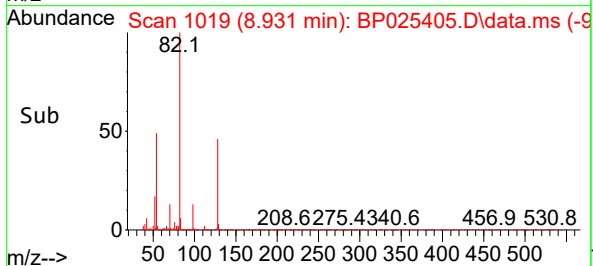
54 48.6 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 41.117 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

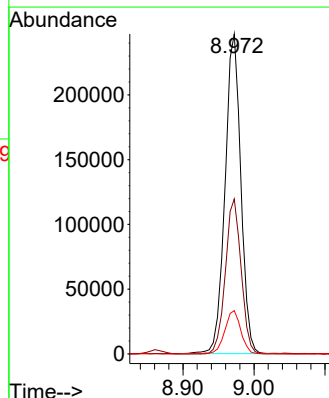
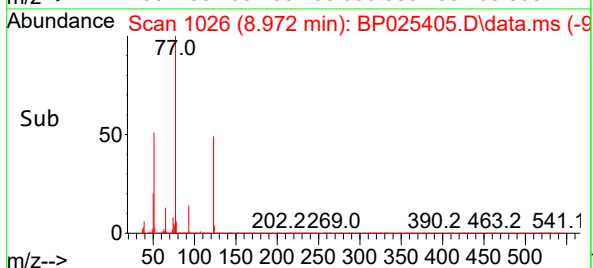
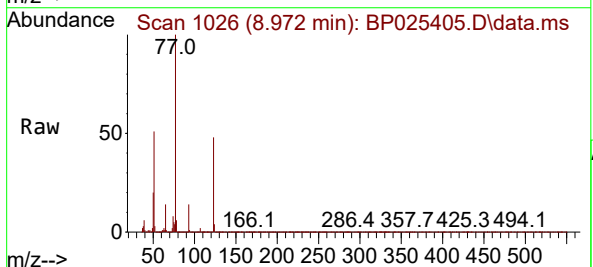
Tgt Ion: 77 Resp: 380213

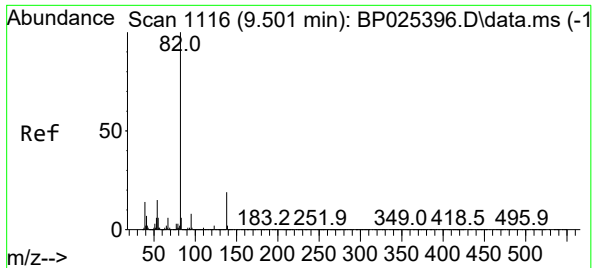
Ion Ratio Lower Upper

77 100

123 48.5 38.6 58.0

65 13.5 10.6 15.8





#25

Isophorone

Concen: 40.642 ng

RT: 9.496 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 74419

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

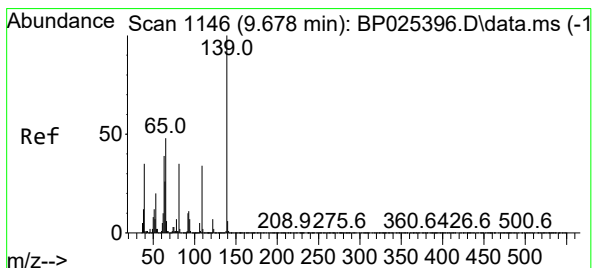
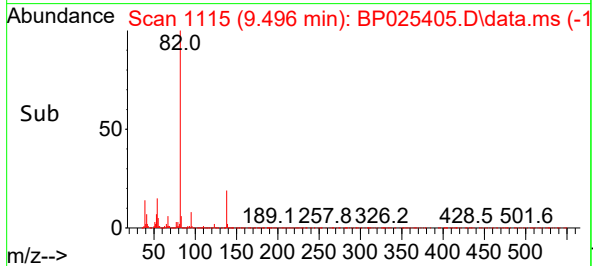
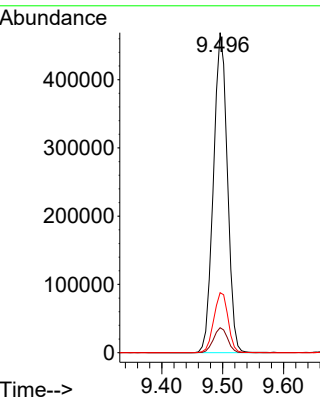
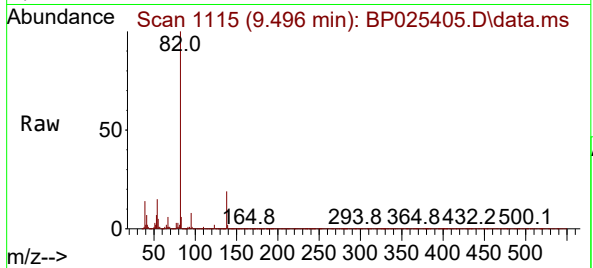
138 18.8 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 40.994 ng

RT: 9.672 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

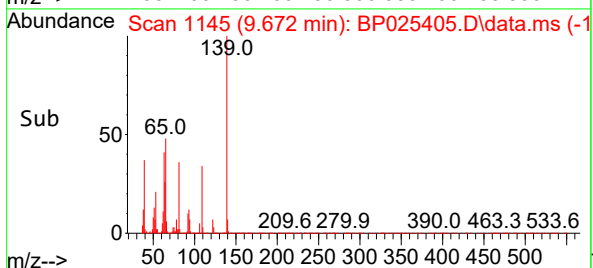
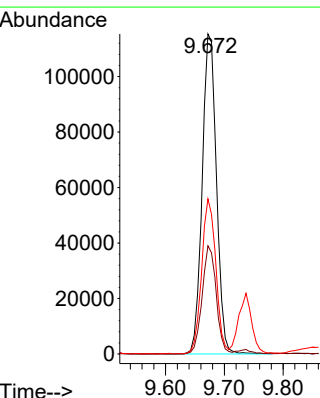
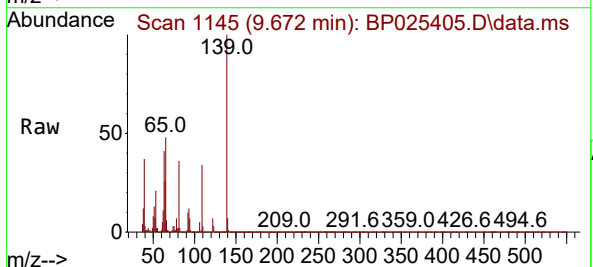
Tgt Ion:139 Resp: 194543

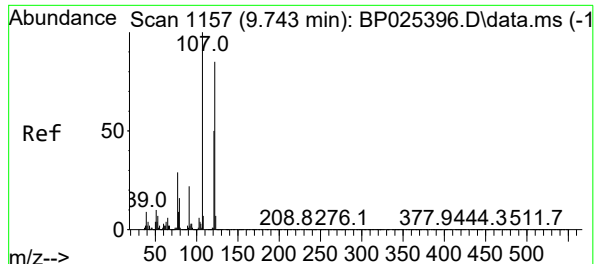
Ion Ratio Lower Upper

139 100

109 33.8 26.9 40.3

65 48.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 41.117 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 335562

Ion Ratio Lower Upper

122 100

107 123.0 93.7 140.5

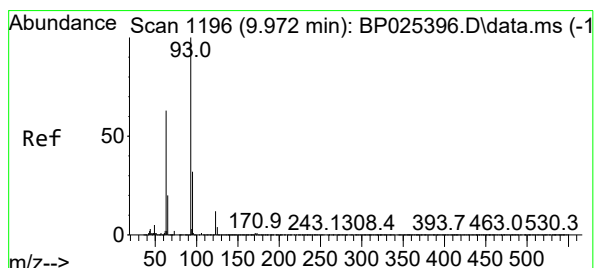
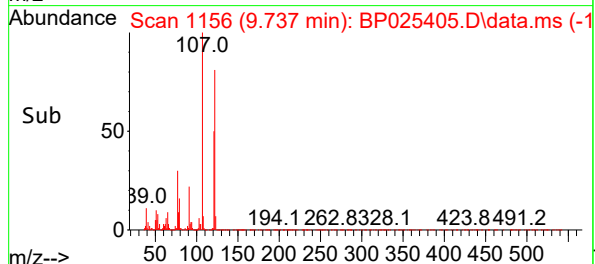
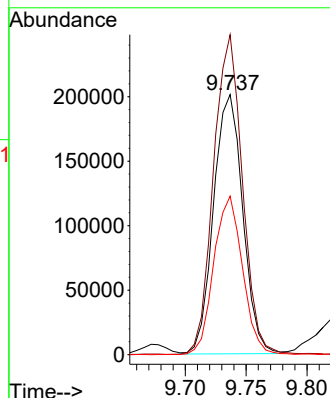
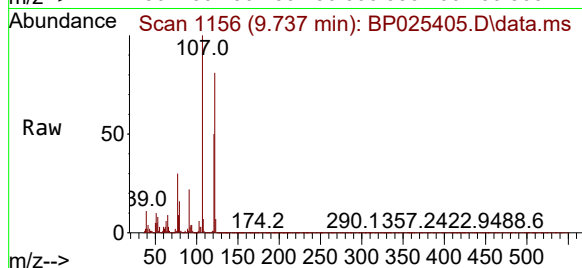
121 60.9 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.927 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

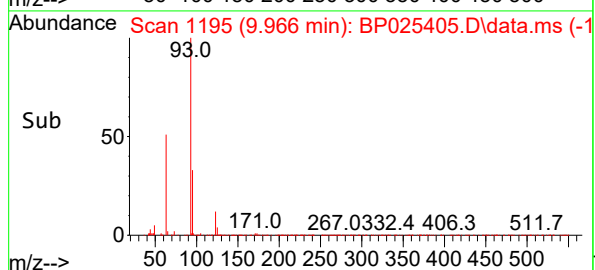
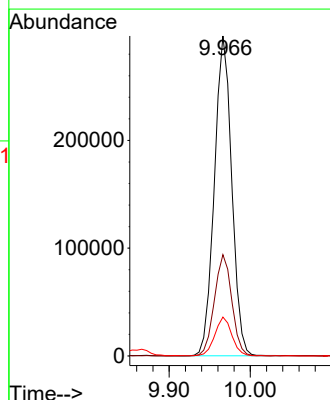
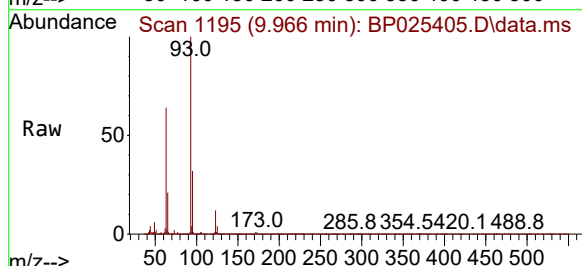
Tgt Ion: 93 Resp: 441941

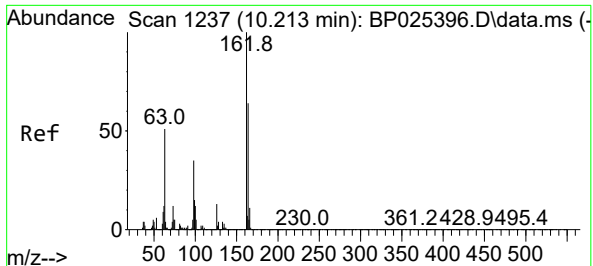
Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.0

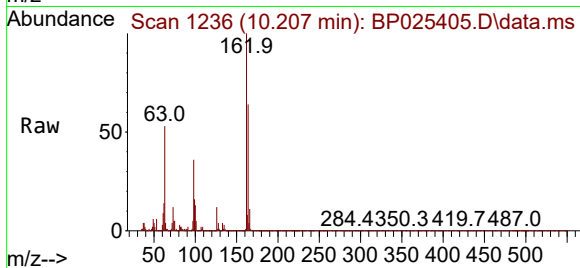
123 12.1 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 41.524 ng
RT: 10.207 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

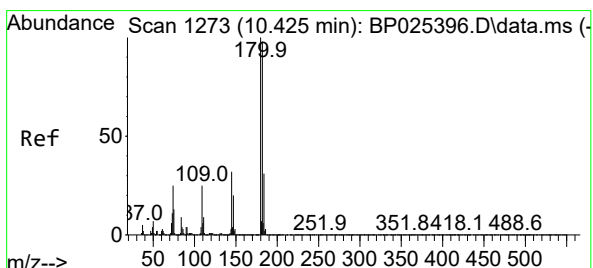
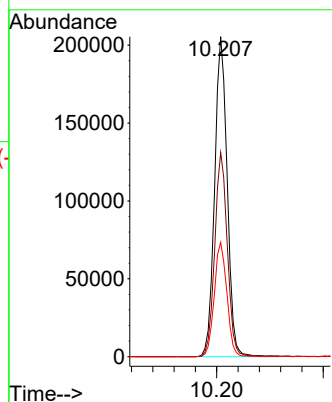
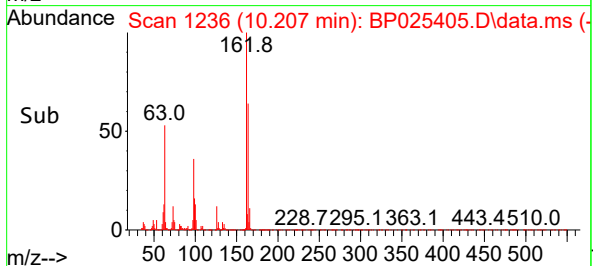
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



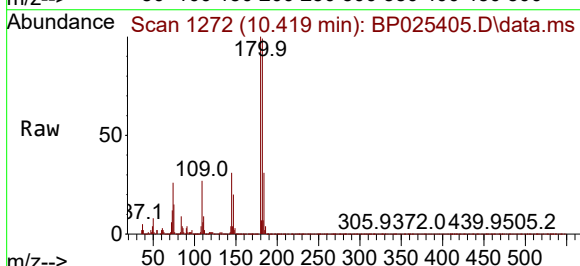
Tgt Ion:162 Resp: 33664
Ion Ratio Lower Upper
162 100
164 63.8 44.4 84.4
98 35.8 14.9 54.9

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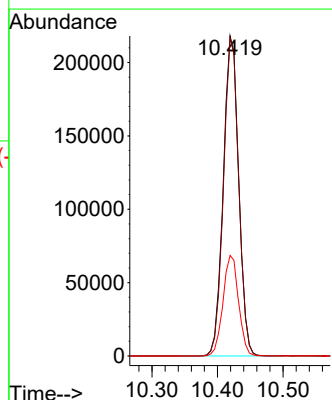
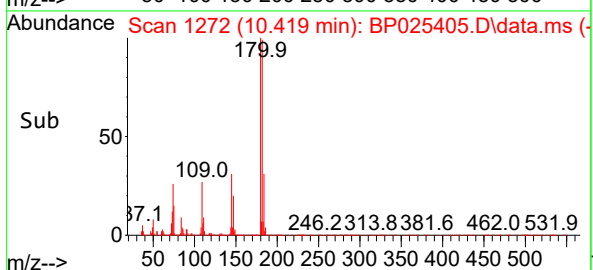
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

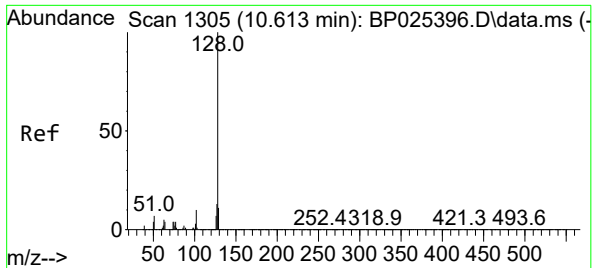


#30
1,2,4-Trichlorobenzene
Concen: 39.885 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



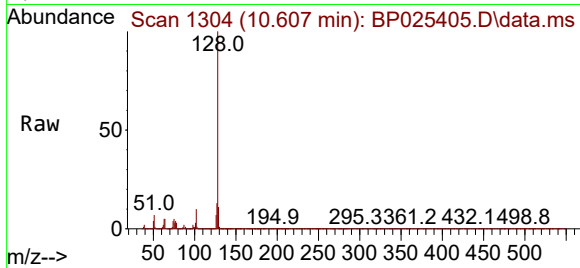
Tgt Ion:180 Resp: 354463
Ion Ratio Lower Upper
180 100
182 99.4 78.0 117.0
145 31.4 25.9 38.9





#31
Naphthalene
Concen: 40.194 ng
RT: 10.607 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

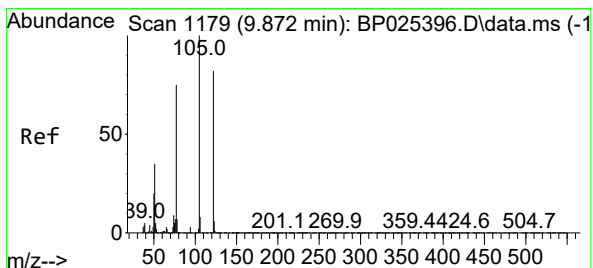
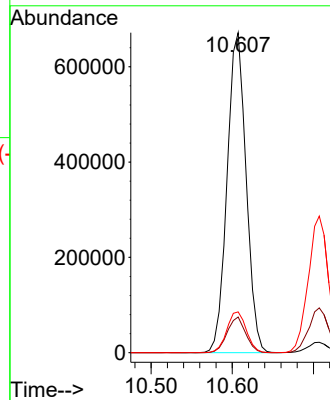
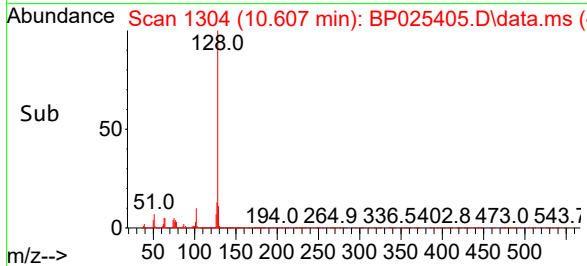
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 109342
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.7 16.1

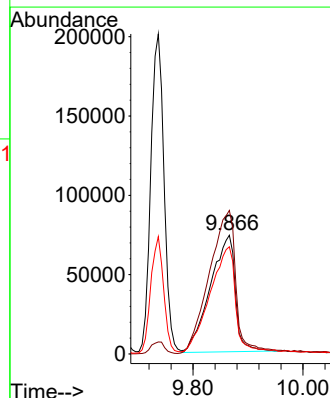
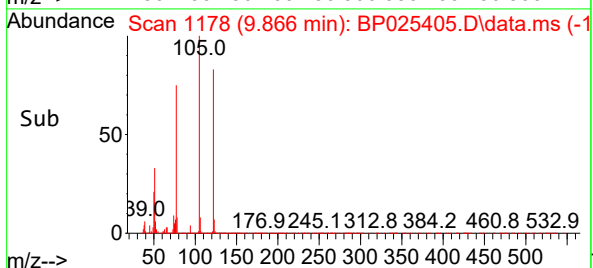
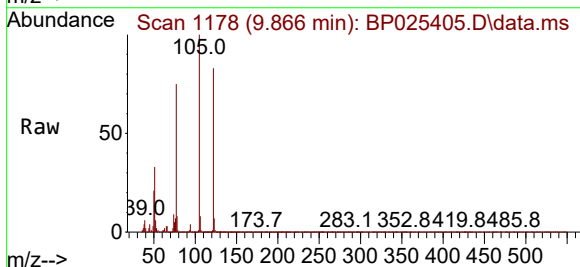
Manual Integrations
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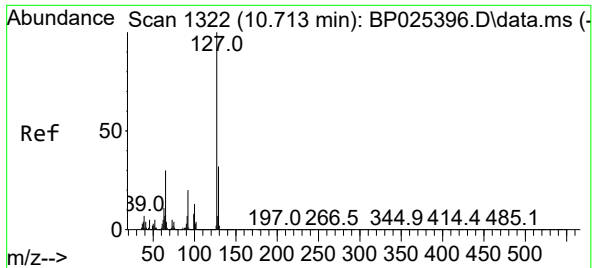
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 38.736 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

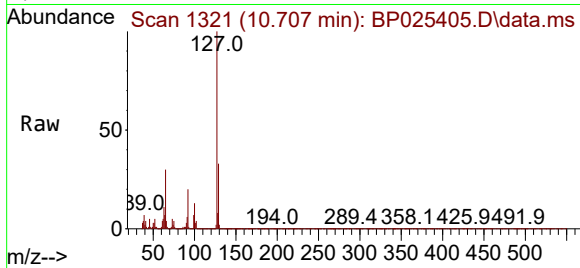
Tgt Ion:122 Resp: 233390
Ion Ratio Lower Upper
122 100
105 120.9 100.6 140.6
77 90.3 71.5 111.5





#33
4-Chloroaniline
Concen: 41.245 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

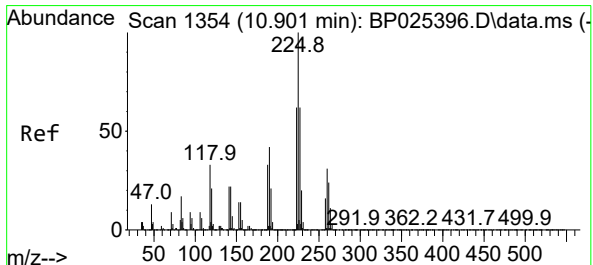
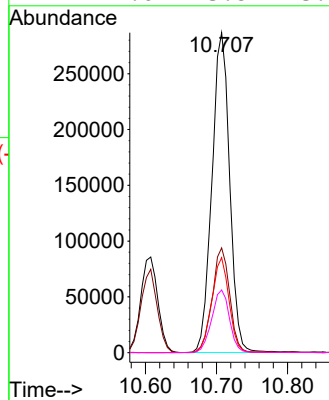
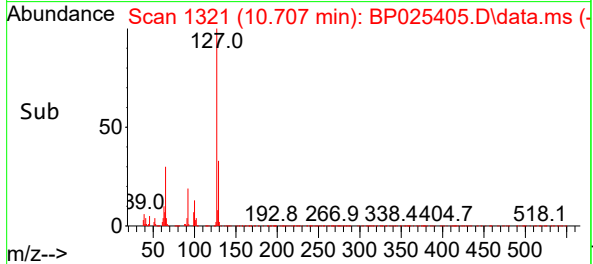
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 49562
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 29.7 23.8 35.6
92 19.6 15.8 23.8

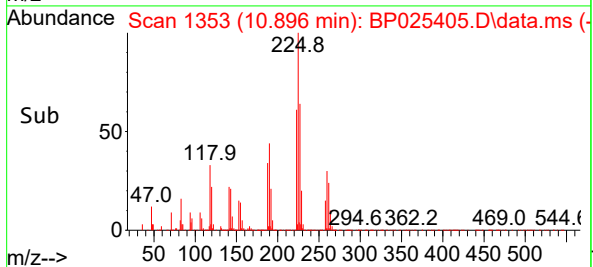
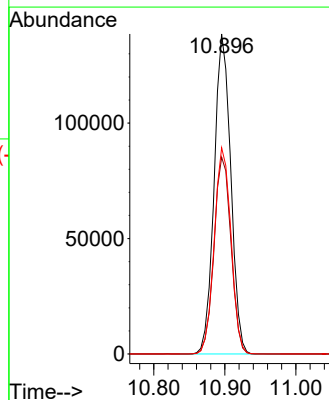
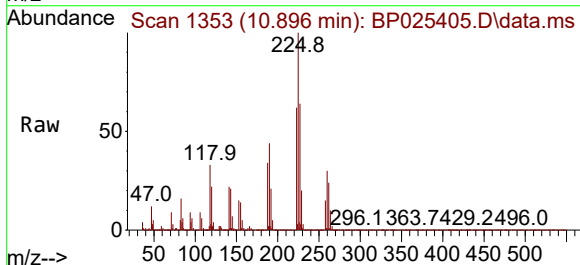
Manual Integrations
APPROVED

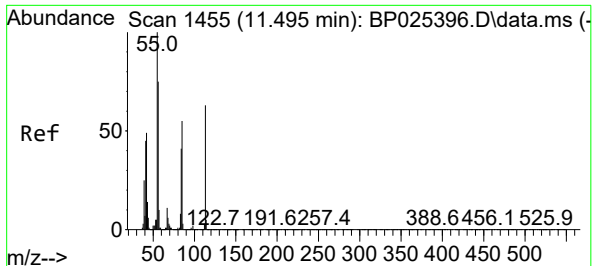
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 40.518 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

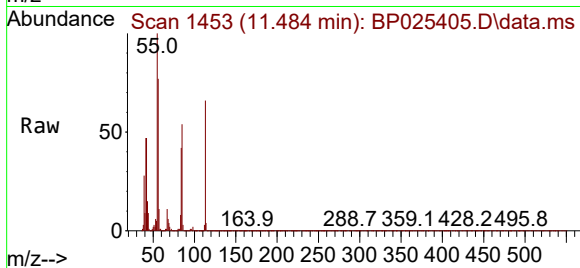
Tgt Ion:225 Resp: 224258
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 64.5 49.7 74.5





#35
Caprolactam
Concen: 41.412 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

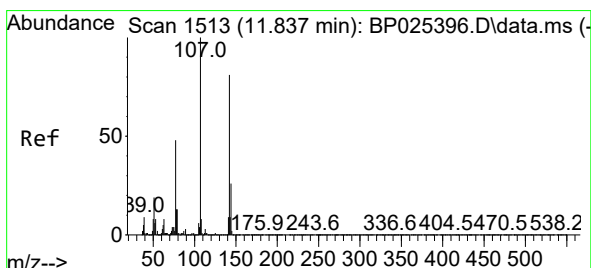
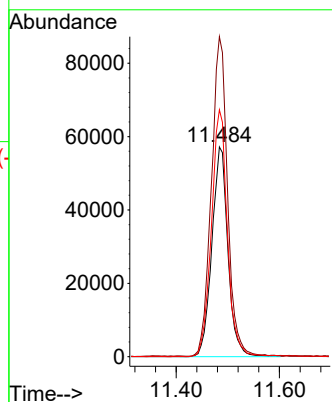
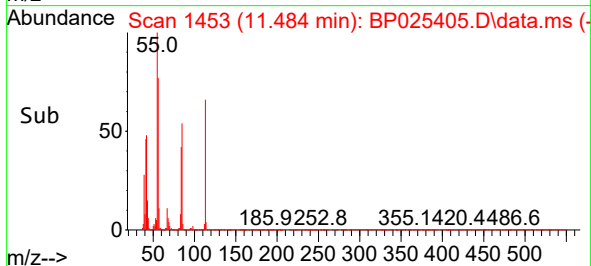
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 12310
Ion Ratio Lower Upper
113 100
55 152.5 140.0 180.0
56 117.7 100.0 140.0

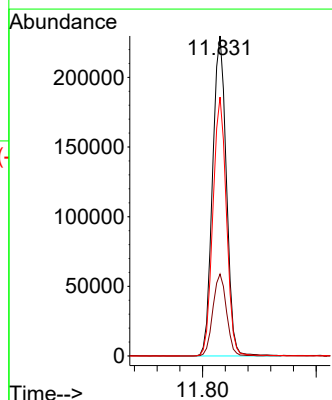
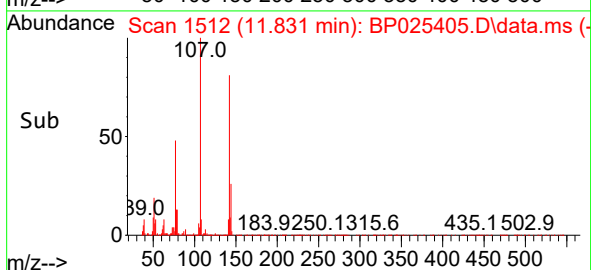
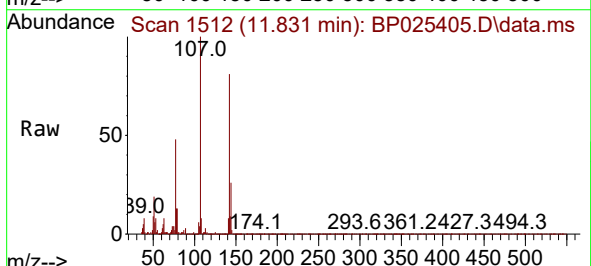
Manual Integrations
APPROVED

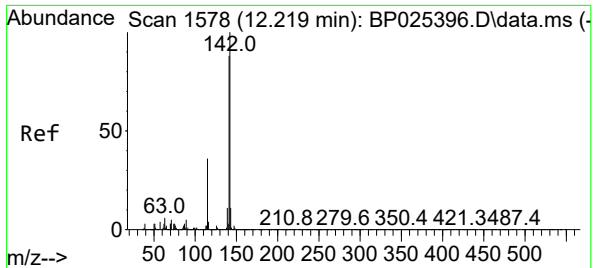
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 41.484 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

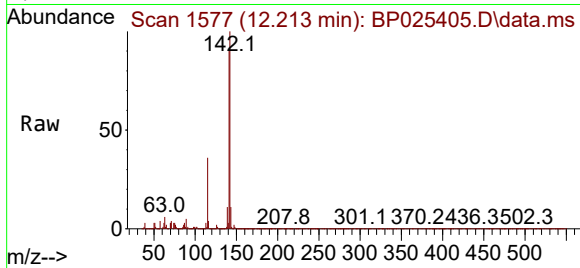
Tgt Ion:107 Resp: 385915
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 80.9 64.6 97.0





#37
2-Methylnaphthalene
Concen: 39.832 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

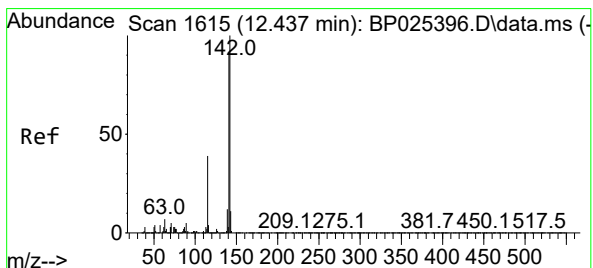
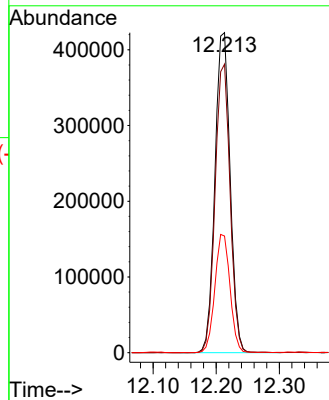
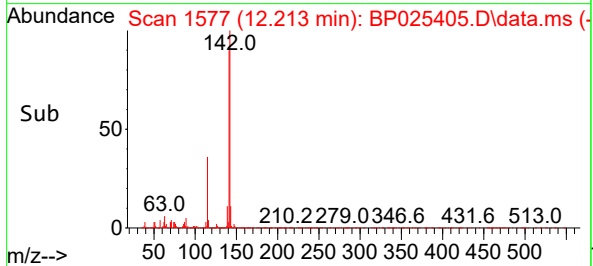
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



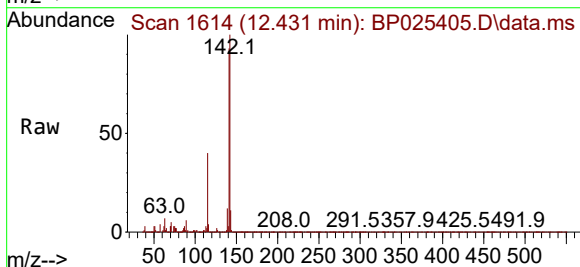
Tgt Ion:142 Resp: 70516
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 36.5 28.9 43.3

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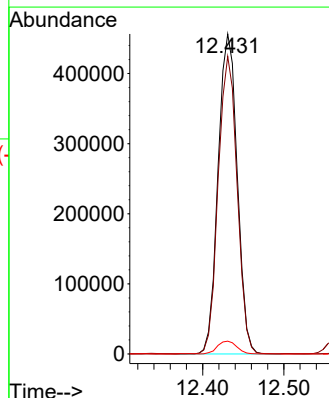
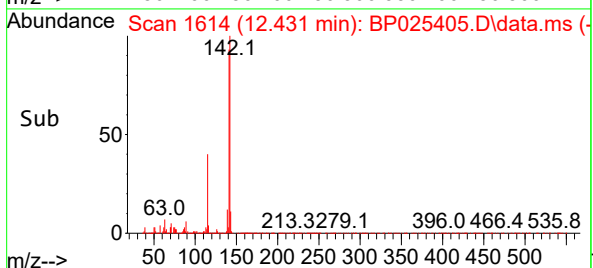
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

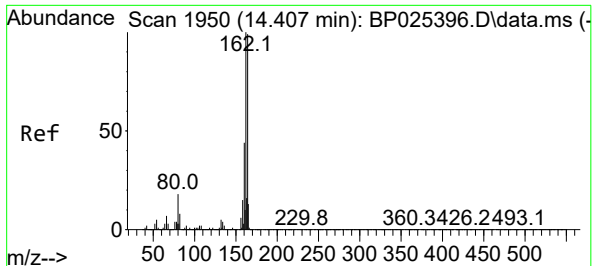


#38
1-Methylnaphthalene
Concen: 39.723 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



Tgt Ion:142 Resp: 747864
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 34761

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.6

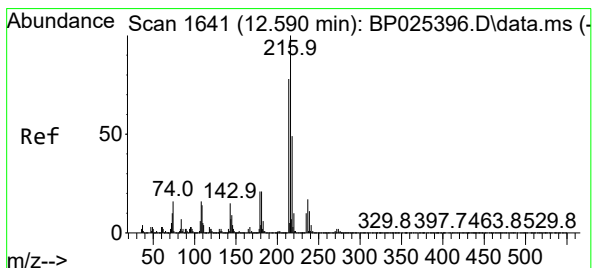
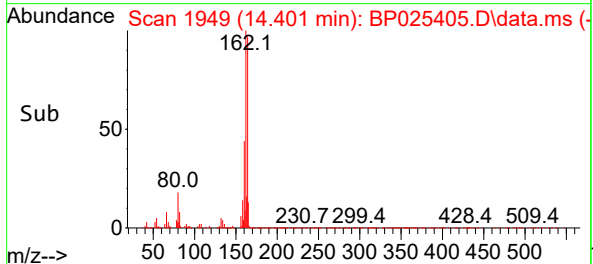
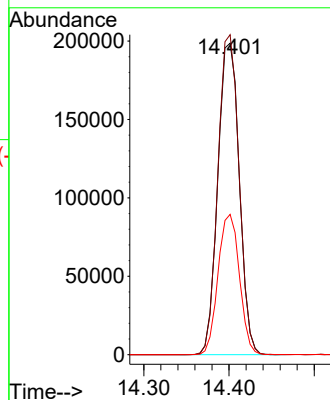
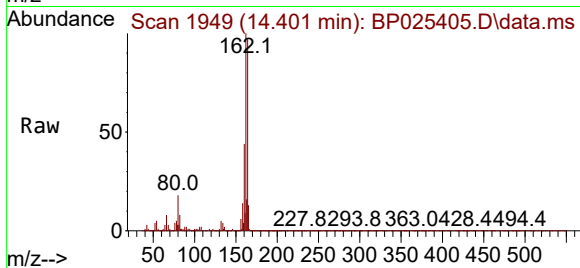
160 45.0 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.342 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Tgt Ion:216 Resp: 405013

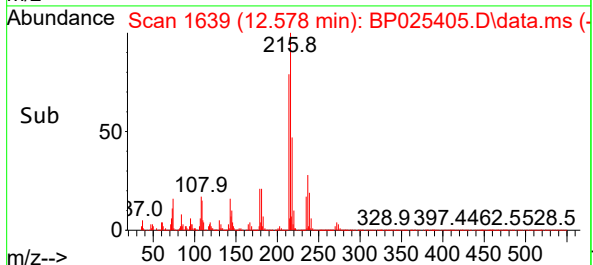
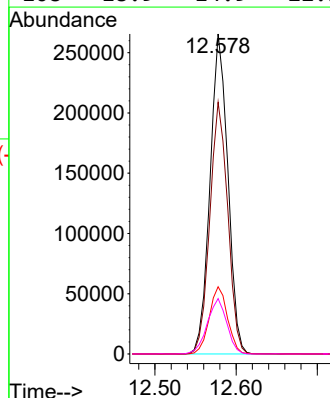
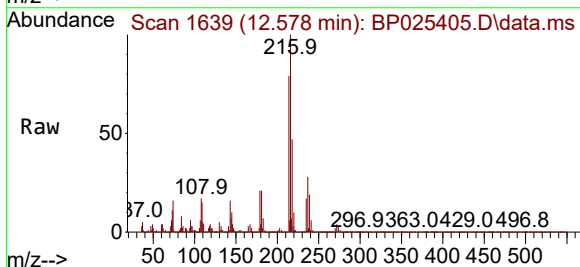
Ion Ratio Lower Upper

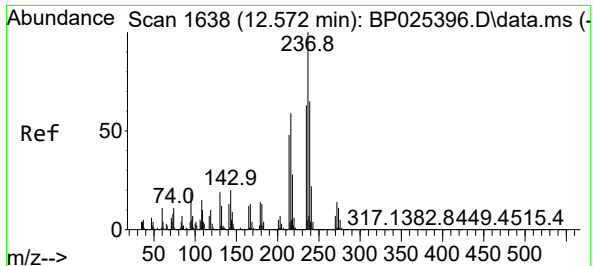
216 100

214 79.0 63.0 94.4

179 21.5 17.1 25.7

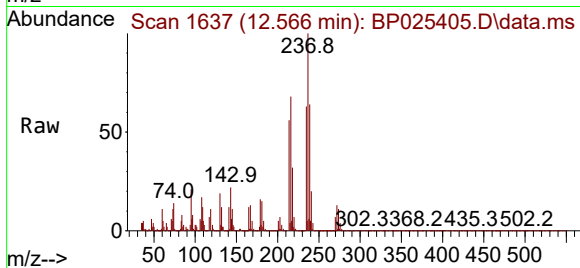
108 18.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 42.907 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

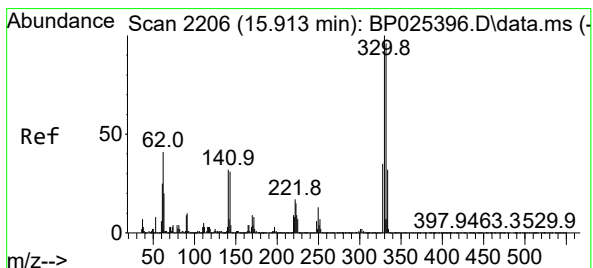
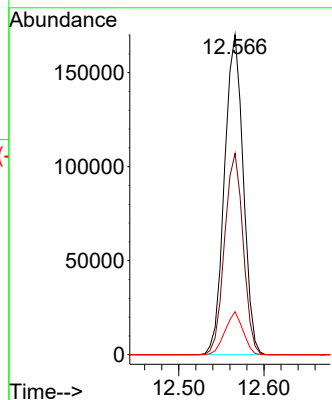
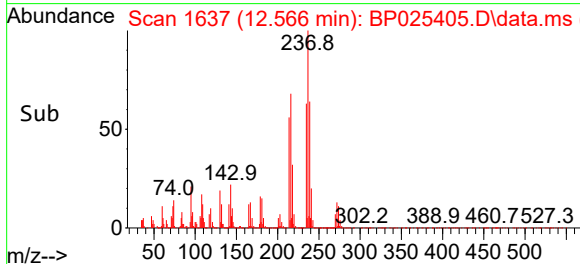
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 26020
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 13.5 0.0 34.0

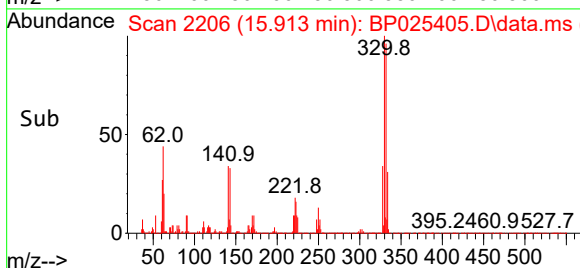
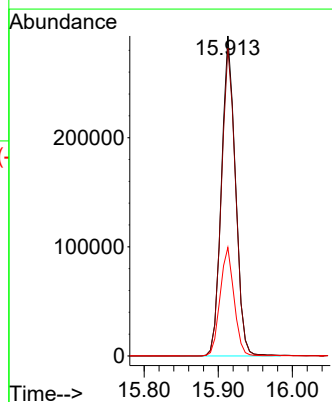
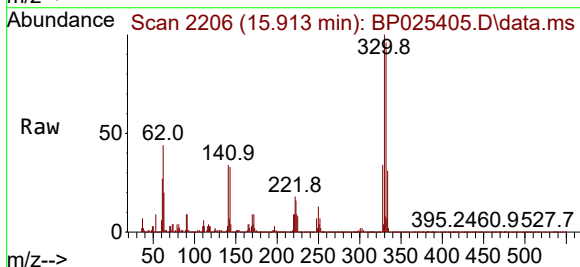
Manual Integrations
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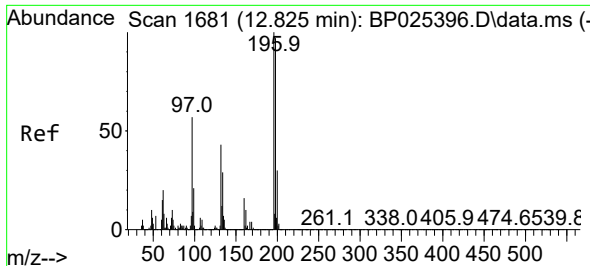
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 82.139 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

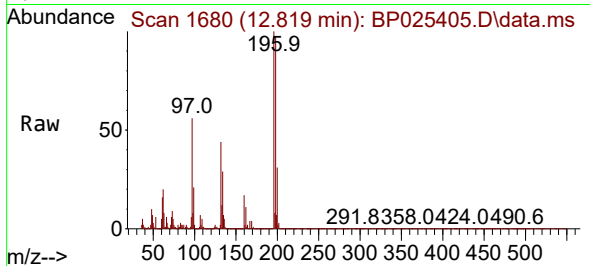
Tgt Ion: 330 Resp: 384325
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.8 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 41.069 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

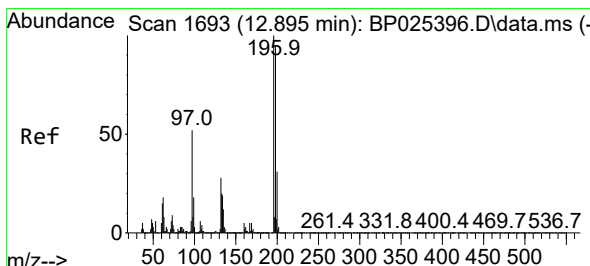
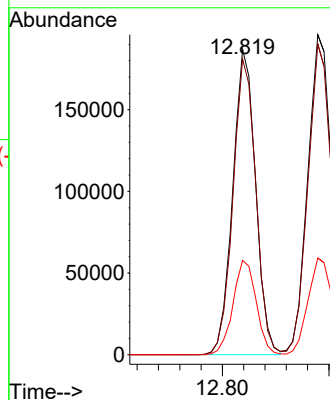
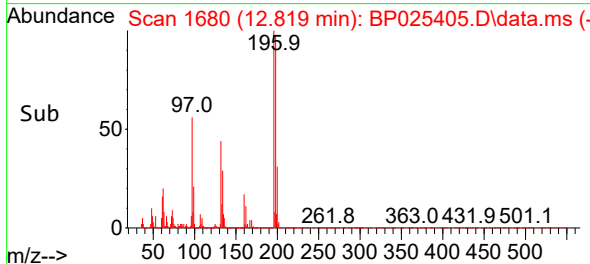
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



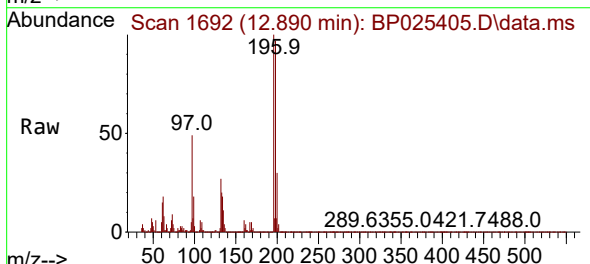
Tgt Ion:196 Resp: 278358
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
200 30.8 23.9 35.9

Manual Integrations
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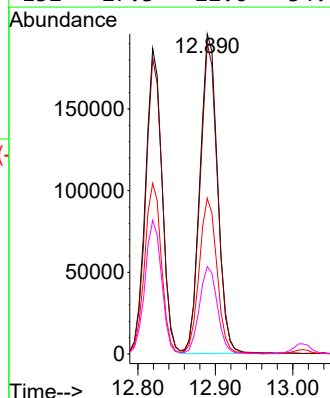
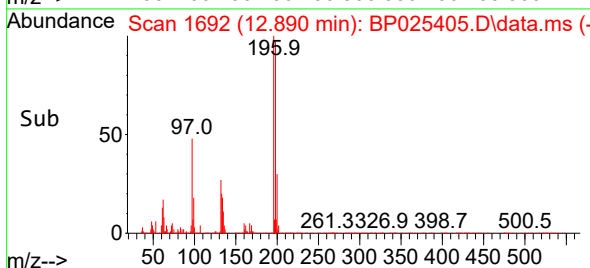
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

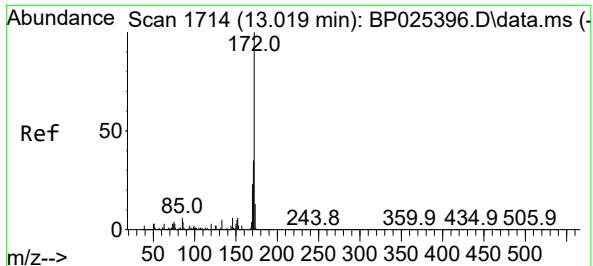


#44
2,4,5-Trichlorophenol
Concen: 41.457 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



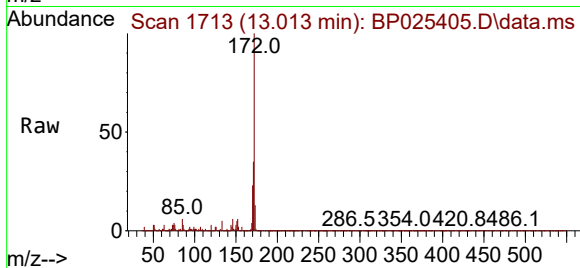
Tgt Ion:196 Resp: 307958
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.2
97 48.7 41.2 61.8
132 27.3 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 80.382 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

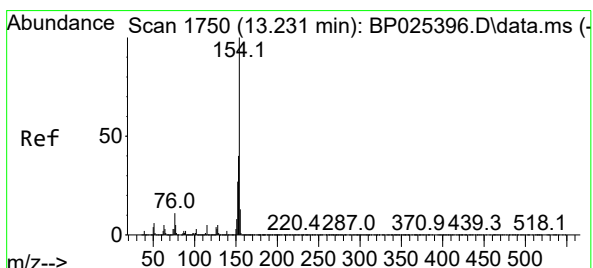
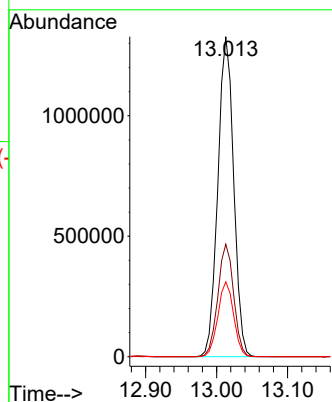
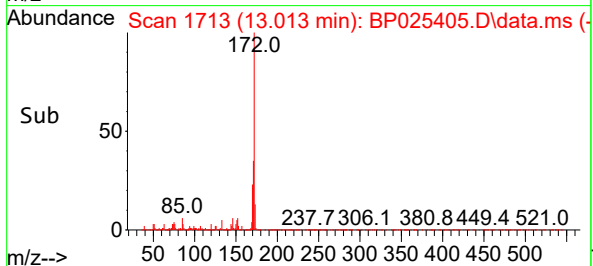
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



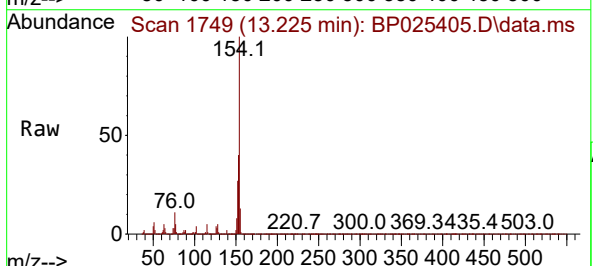
Tgt Ion:172 Resp: 2044524
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 18.6 28.0

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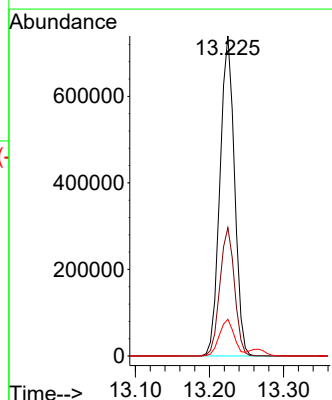
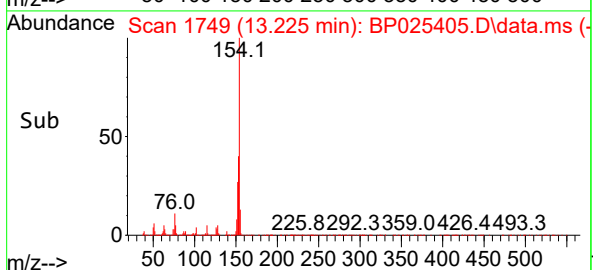
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

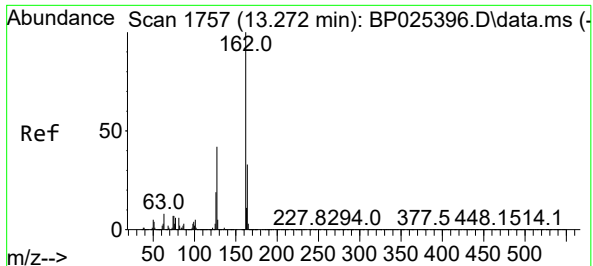


#46
1,1'-Biphenyl
Concen: 39.933 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



Tgt Ion:154 Resp: 1008154
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 11.4 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.309 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 79221

Ion Ratio Lower Upper

162 100

127 40.7 33.4 50.2

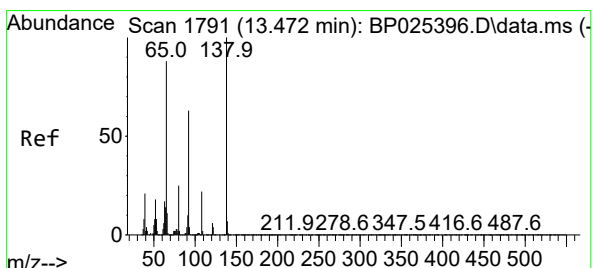
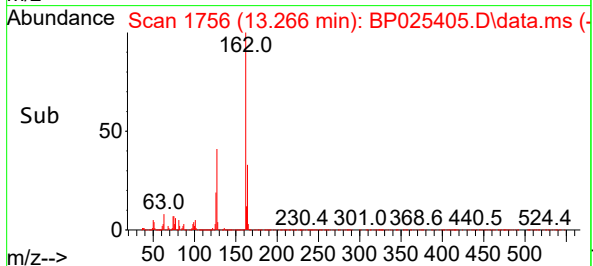
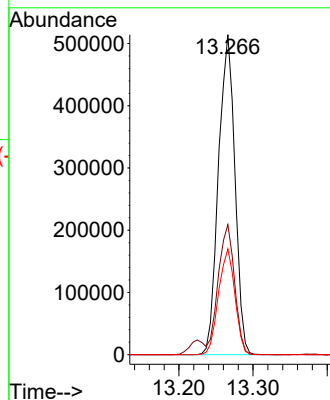
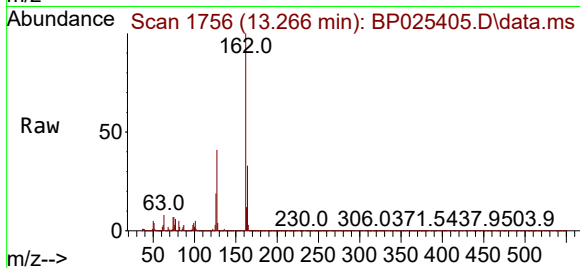
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 42.321 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

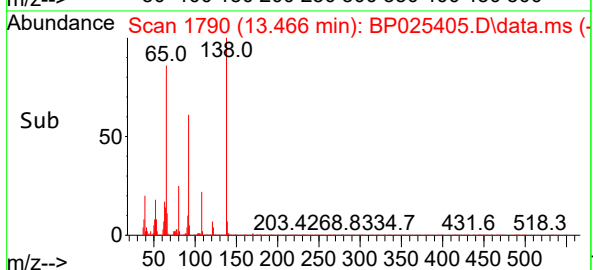
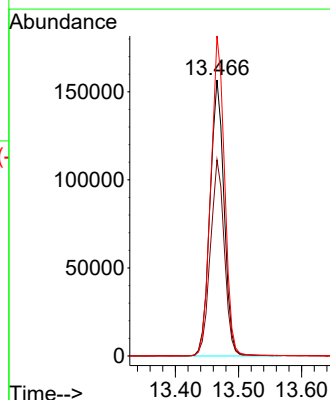
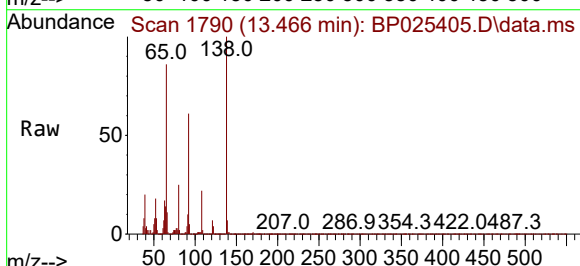
Tgt Ion: 65 Resp: 242354

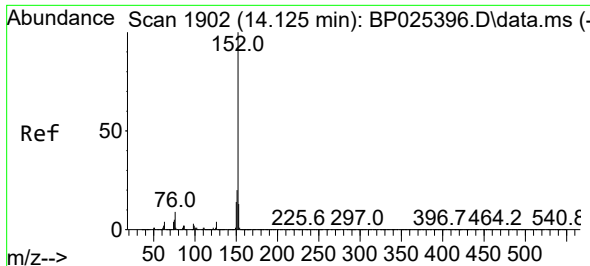
Ion Ratio Lower Upper

65 100

92 71.0 57.6 86.4

138 115.9 91.0 136.6





#49

Acenaphthylene

Concen: 41.180 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 133924

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

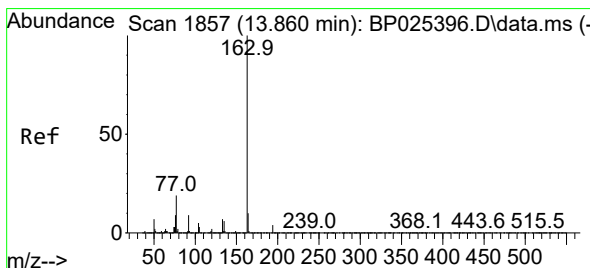
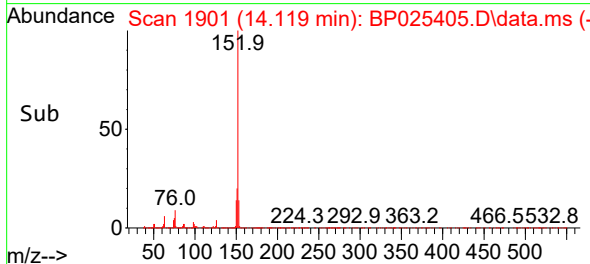
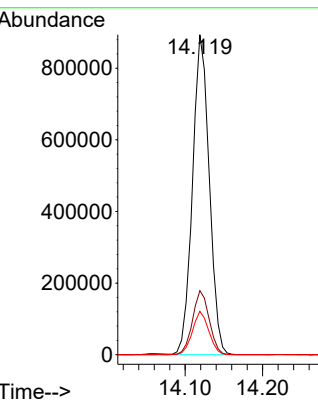
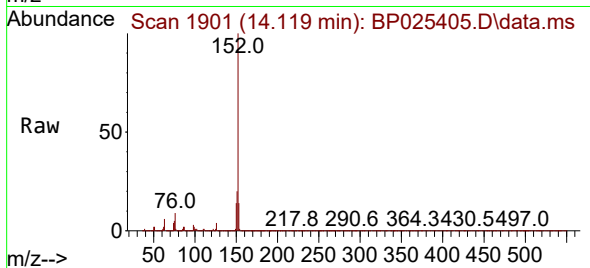
153 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 40.894 ng

RT: 13.854 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

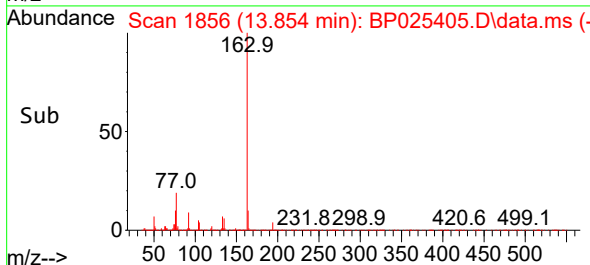
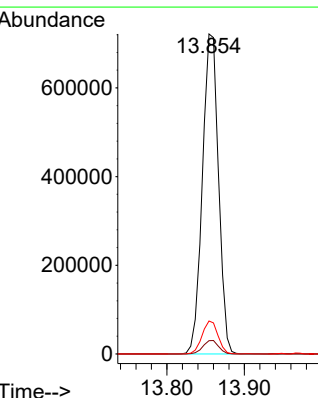
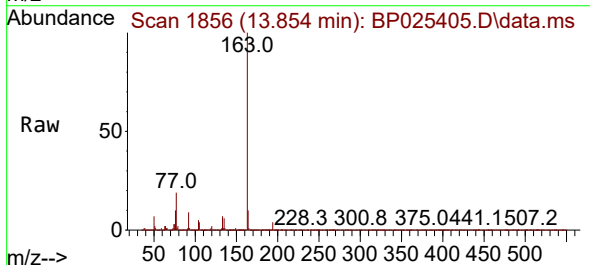
Tgt Ion:163 Resp: 1040970

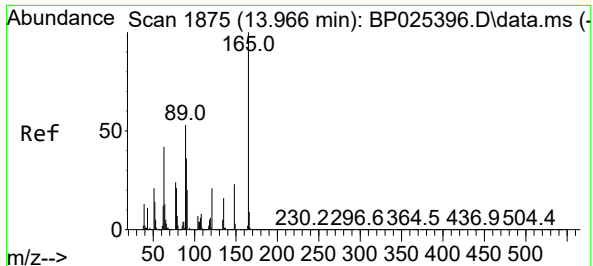
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 7.9 11.9





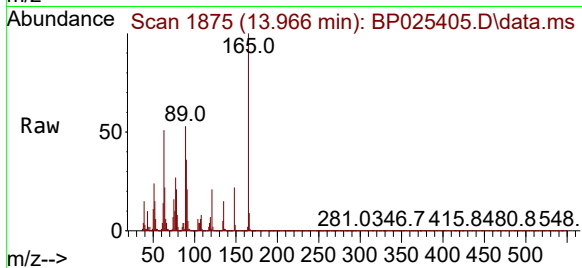
#51
2,6-Dinitrotoluene
Concen: 41.884 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



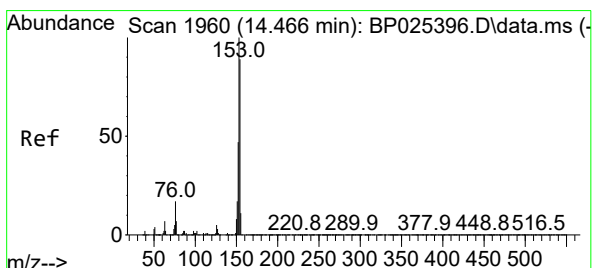
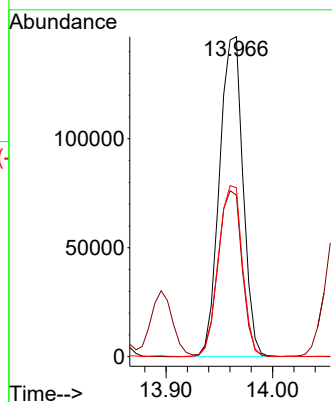
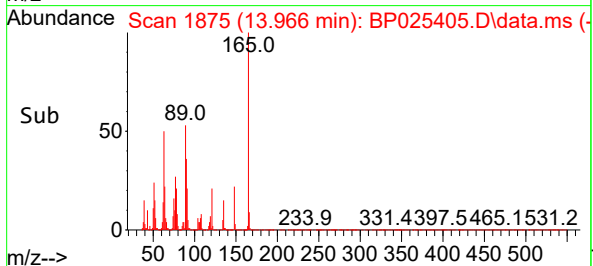
Tgt Ion:165 Resp: 224718
Ion Ratio Lower Upper
165 100
63 50.5 40.9 61.3
89 52.8 42.1 63.1

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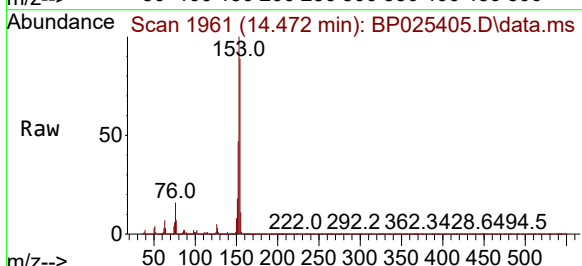
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Reviewed By :Rahul Chavli 08/15/2025

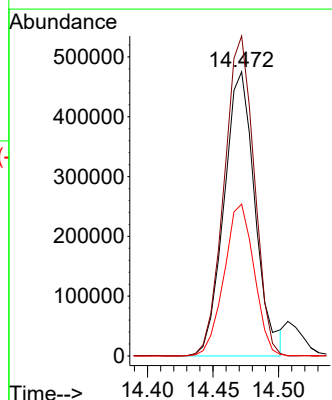
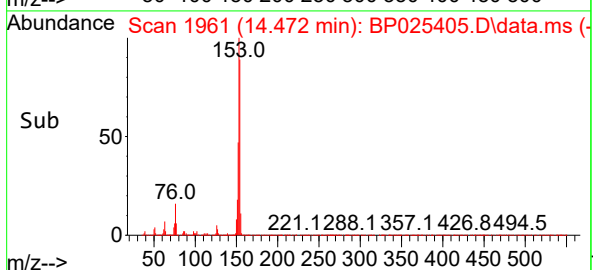
Supervised By :Jagrut Upadhyay 08/15/2025

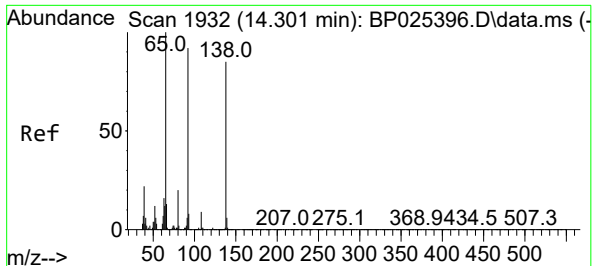


#52
Acenaphthene
Concen: 40.956 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



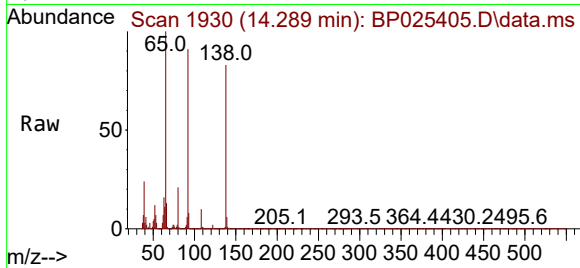
Tgt Ion:154 Resp: 781821
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 41.978 ng
RT: 14.289 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

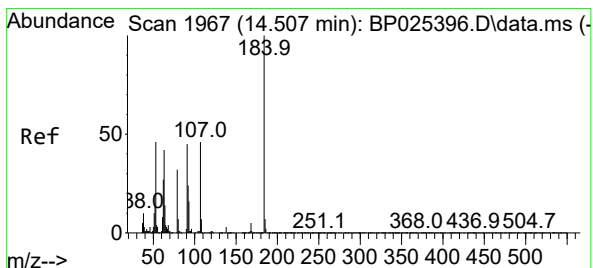
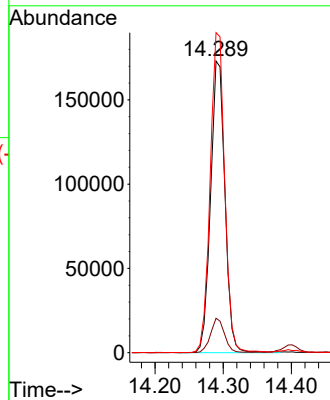
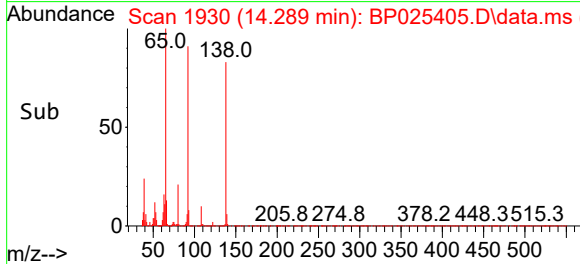
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 253400
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 109.7 86.2 129.2

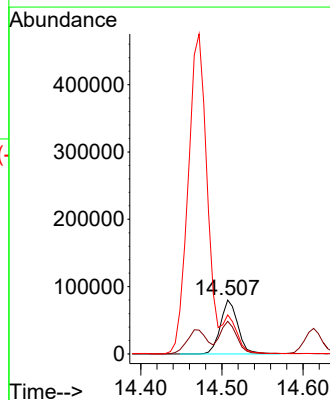
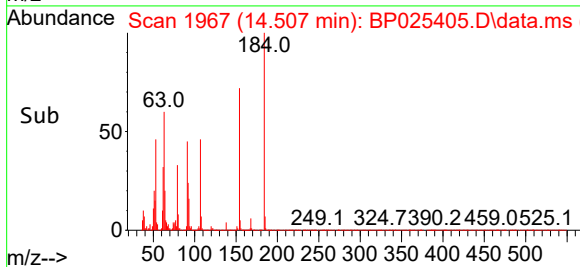
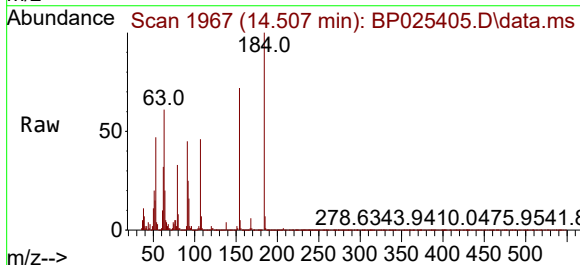
Manual Integrations
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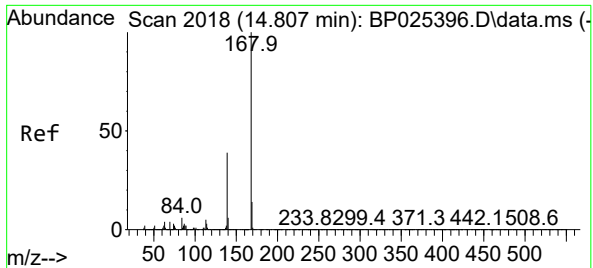
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 41.836 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

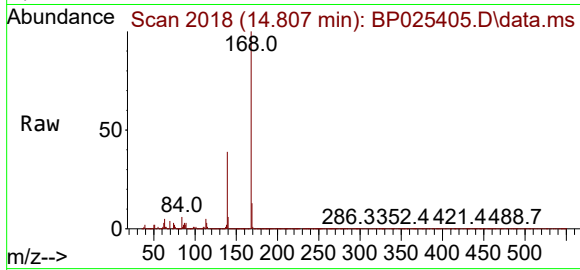
Tgt Ion:184 Resp: 119870
Ion Ratio Lower Upper
184 100
63 60.6 49.4 74.2
154 72.3 54.6 82.0





#55
Dibenzenofuran
Concen: 40.222 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

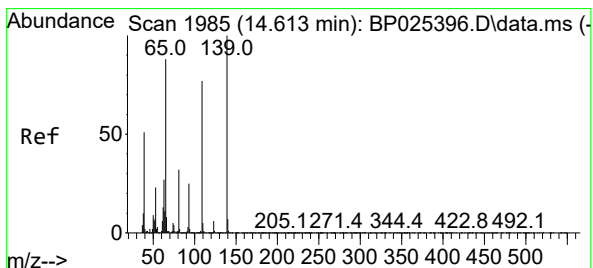
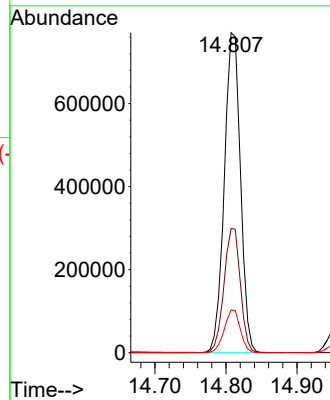
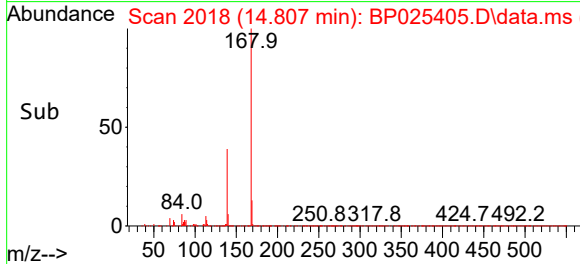
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



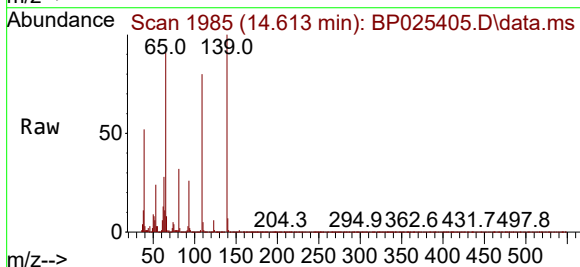
Tgt Ion:168 Resp: 1213914
Ion Ratio Lower Upper
168 100
139 38.8 31.5 47.3
169 13.4 10.9 16.3

Manual Integrations
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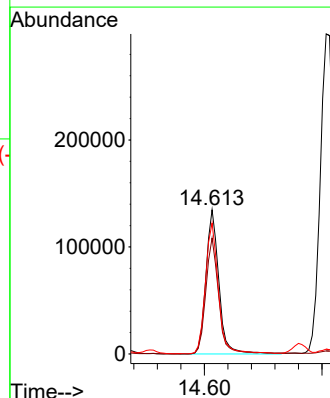
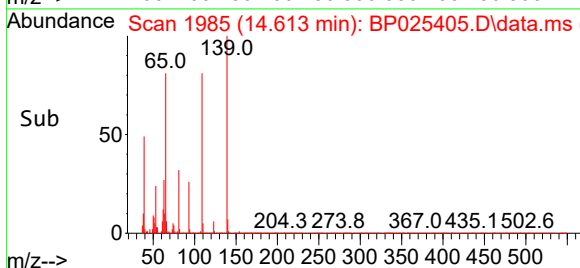
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

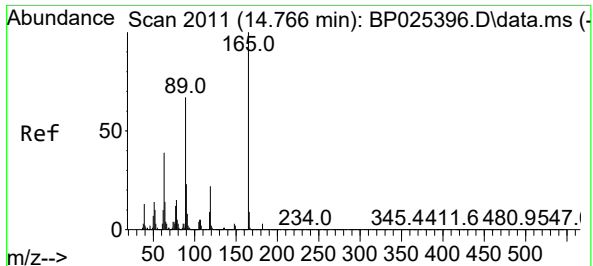


#56
4-Nitrophenol
Concen: 41.615 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



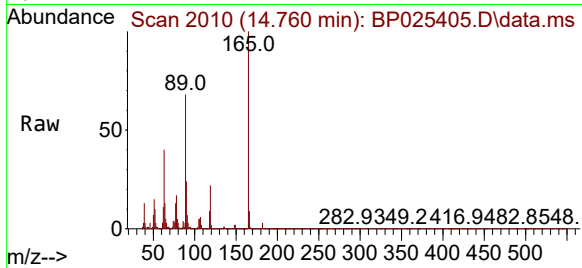
Tgt Ion:139 Resp: 206425
Ion Ratio Lower Upper
139 100
109 80.4 56.6 96.6
65 90.8 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 42.379 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

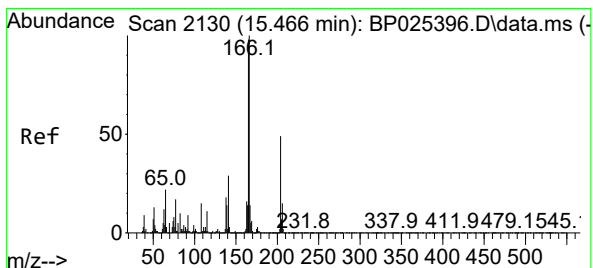
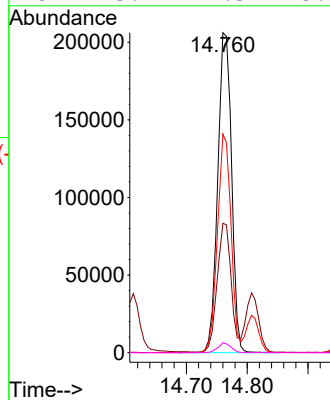
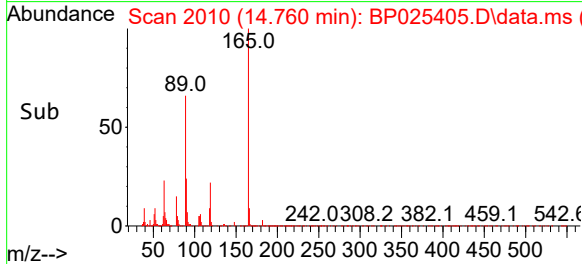
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 324412
Ion Ratio Lower Upper
165 100
63 40.4 31.4 47.2
89 68.3 53.3 79.9
182 3.1 2.3 3.5

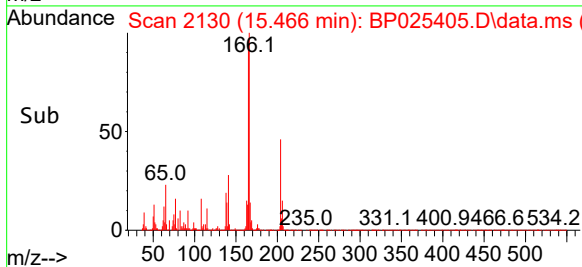
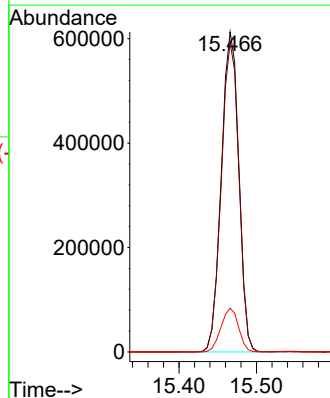
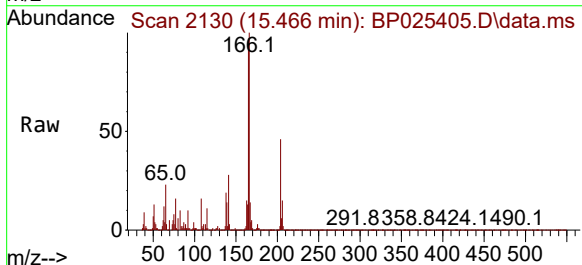
Manual Integrations
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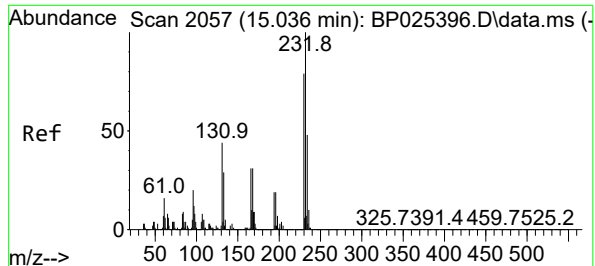
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 40.486 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:166 Resp: 964155
Ion Ratio Lower Upper
166 100
165 96.6 78.8 118.2
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.876 ng

RT: 15.031 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 274669

Ion Ratio Lower Upper

232 100

131 46.2 37.0 55.6

130 2.5 1.9 2.9

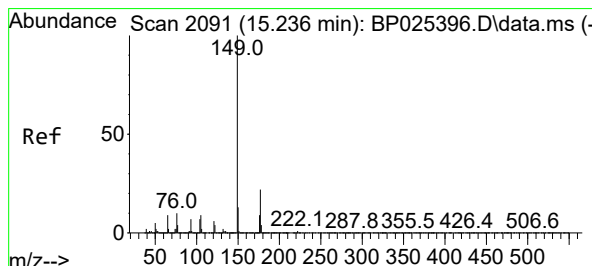
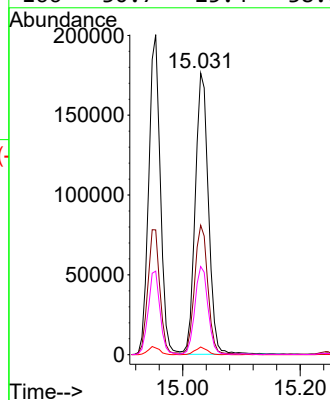
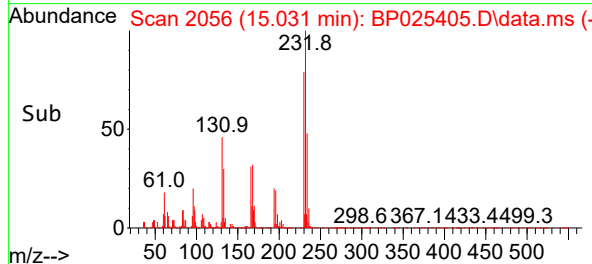
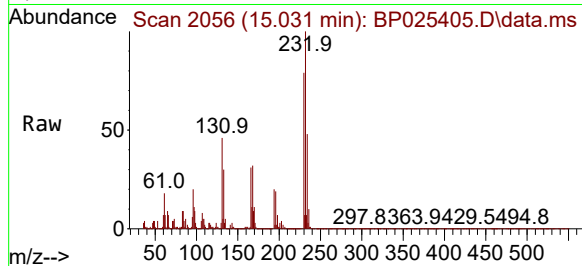
166 30.7 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 40.483 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

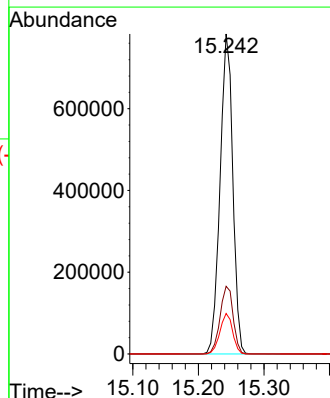
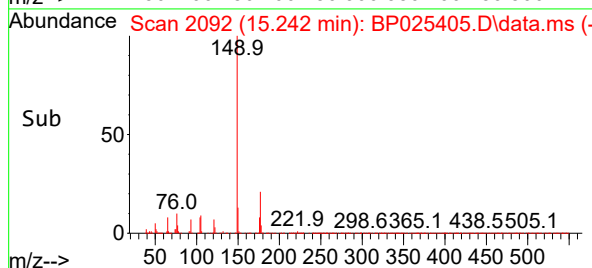
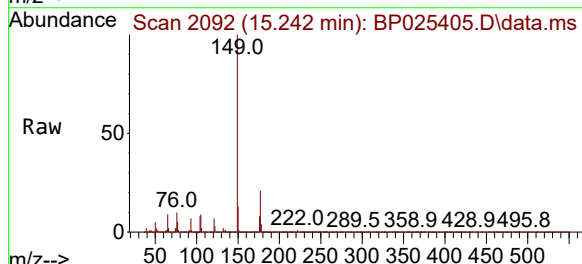
Tgt Ion:149 Resp: 1047107

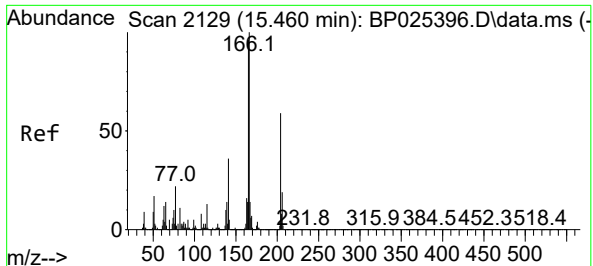
Ion Ratio Lower Upper

149 100

177 21.2 17.3 25.9

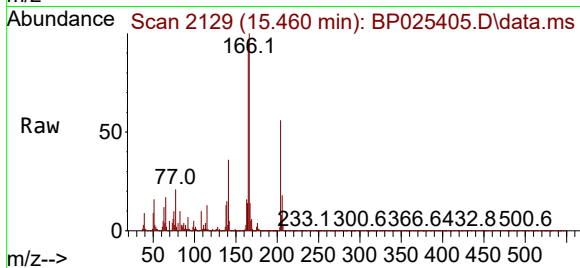
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.215 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

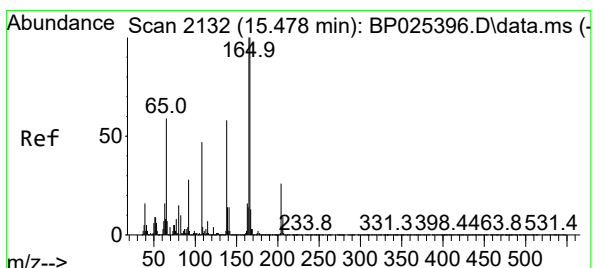
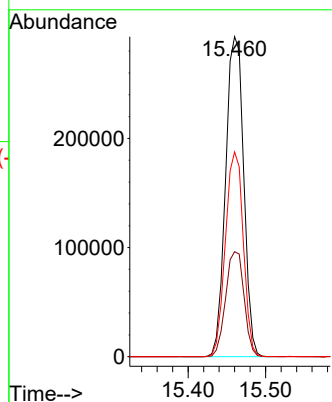
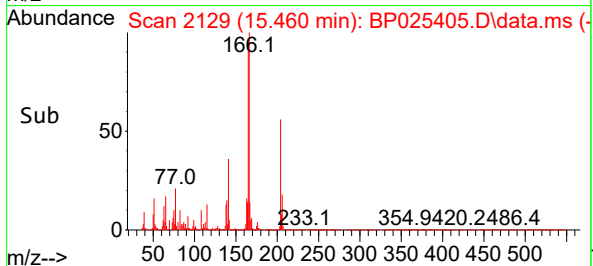
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



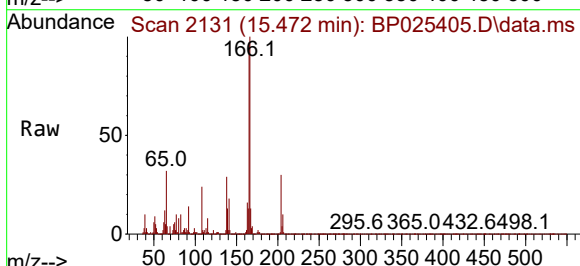
Tgt Ion:204 Resp: 476298
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 64.0 49.4 74.2

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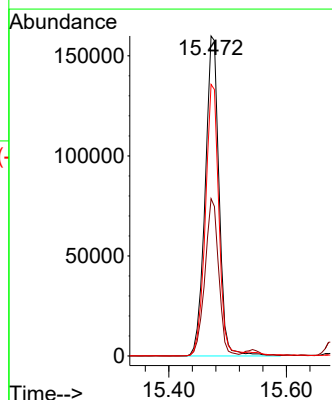
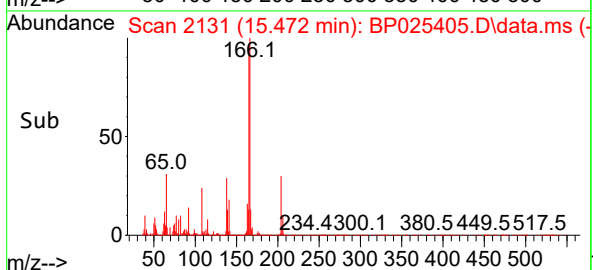
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

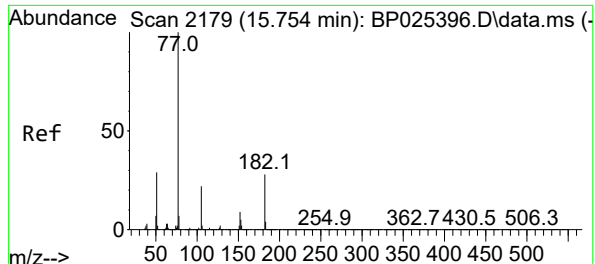


#62
4-Nitroaniline
Concen: 42.276 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



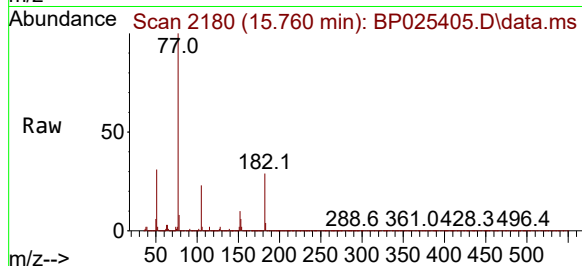
Tgt Ion:138 Resp: 261619
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 84.9 61.5 101.5





#63
Azobenzene
Concen: 41.097 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

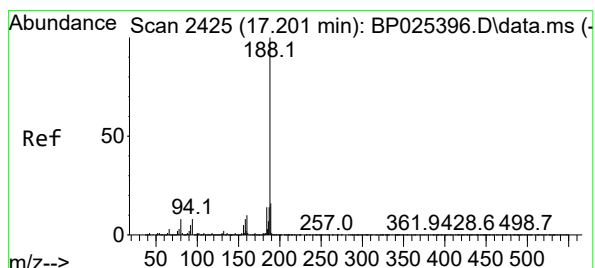
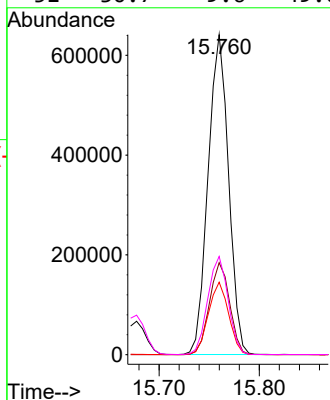
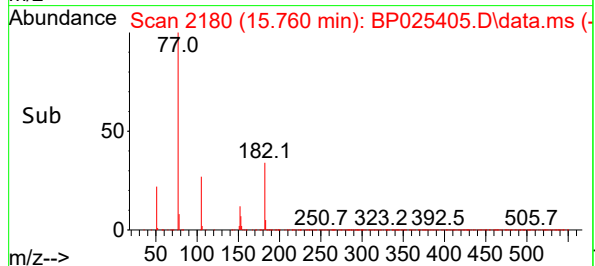
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 910190
Ion Ratio Lower Upper
77 100
182 28.7 7.5 47.5
105 22.7 2.1 42.1
51 30.7 9.6 49.6

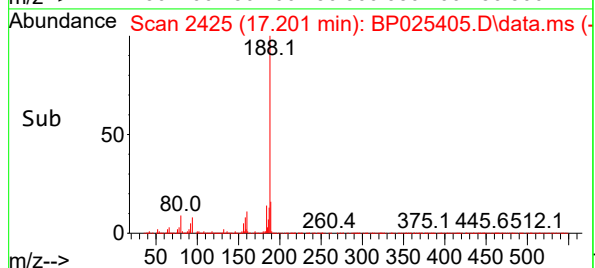
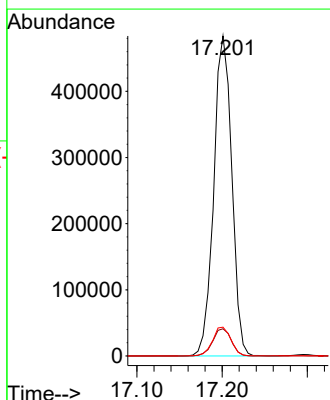
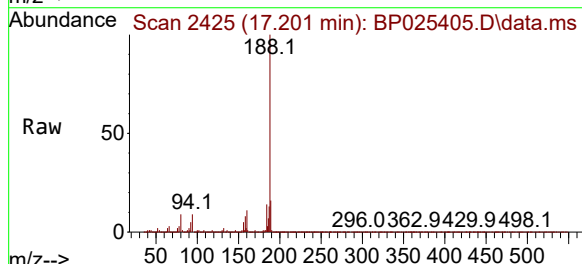
Manual Integrations
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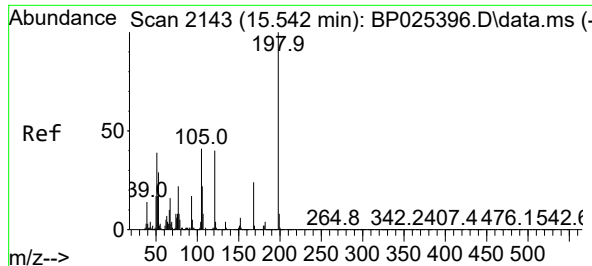
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:188 Resp: 711916
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.785 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 18099

Ion Ratio Lower Upper

198 100

51 40.1 19.6 59.6

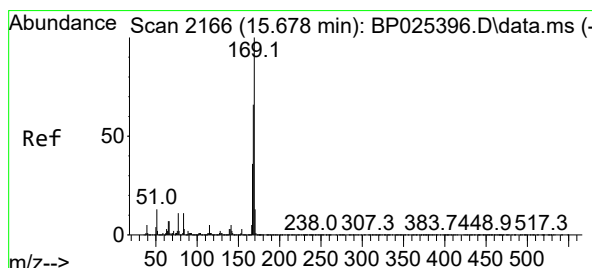
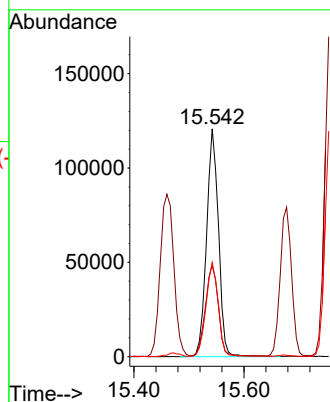
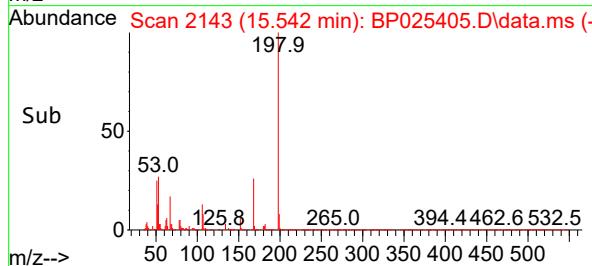
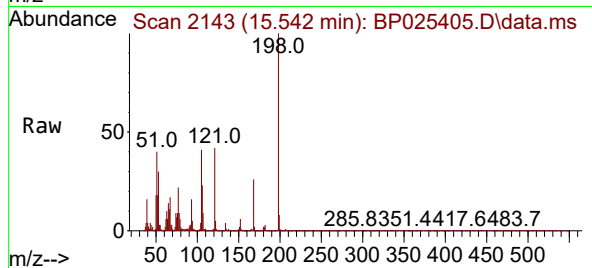
105 41.3 20.9 60.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#66

n-Nitrosodiphenylamine

Concen: 39.818 ng

RT: 15.678 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

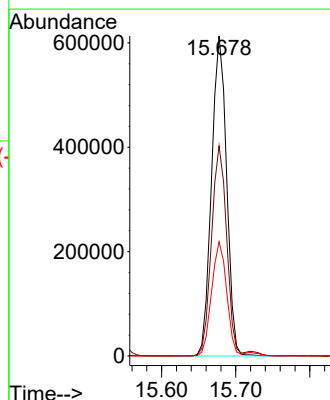
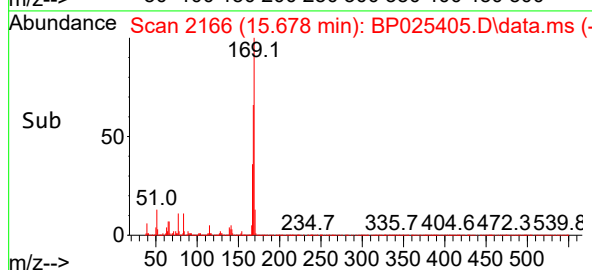
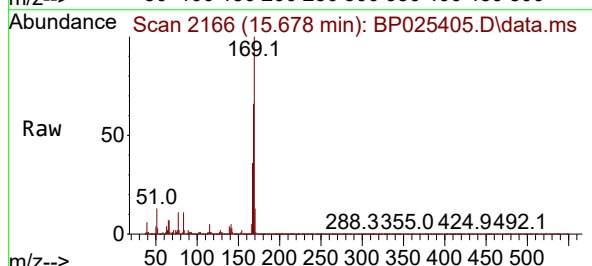
Tgt Ion:169 Resp: 864418

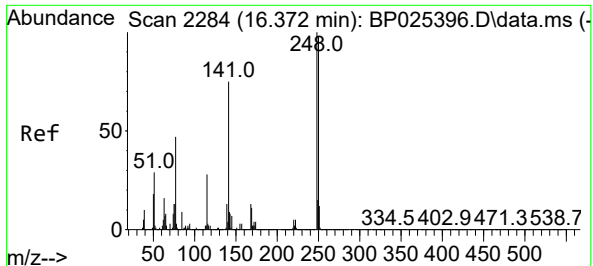
Ion Ratio Lower Upper

169 100

168 65.6 53.2 79.8

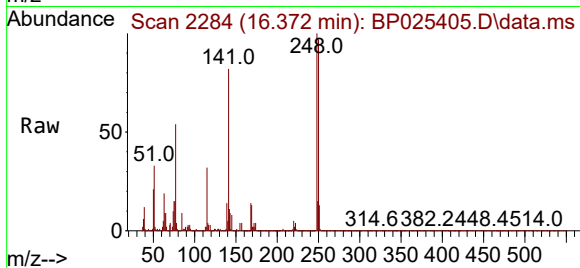
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.718 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

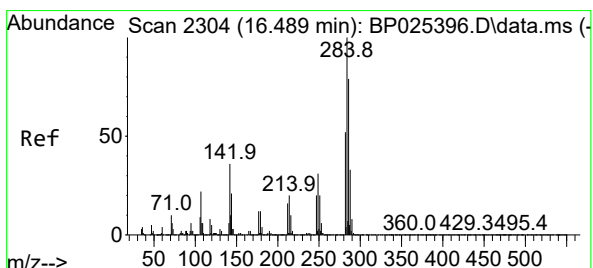
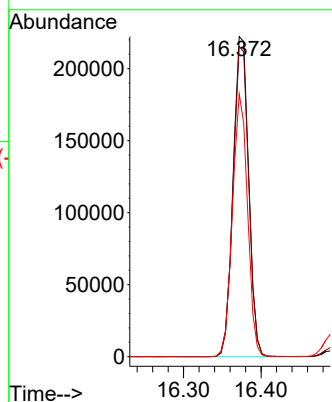
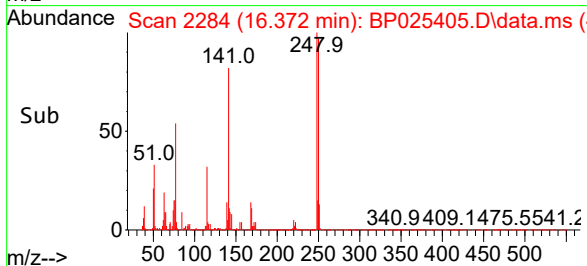
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 31098
Ion Ratio Lower Upper
248 100
250 97.0 78.2 117.2
141 82.1 59.6 89.4

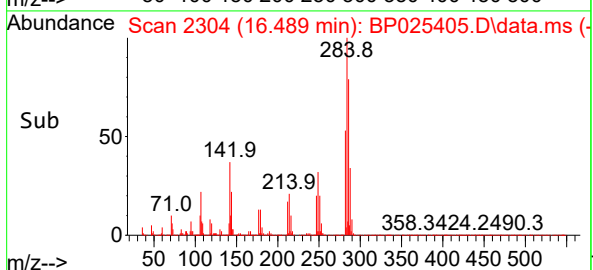
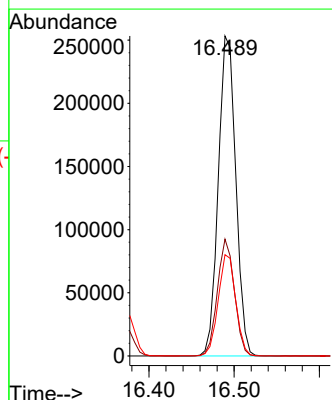
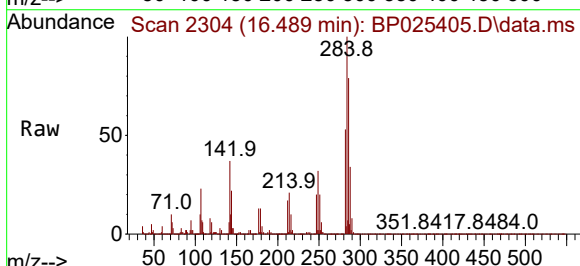
Manual Integrations
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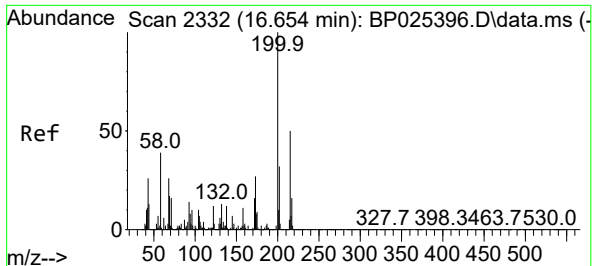
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 39.777 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

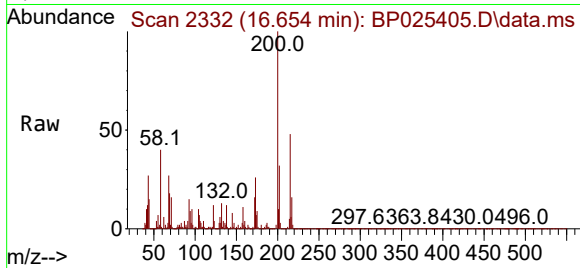
Tgt Ion:284 Resp: 361031
Ion Ratio Lower Upper
284 100
142 36.5 29.1 43.7
249 31.7 25.0 37.4





#69
Atrazine
Concen: 40.573 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

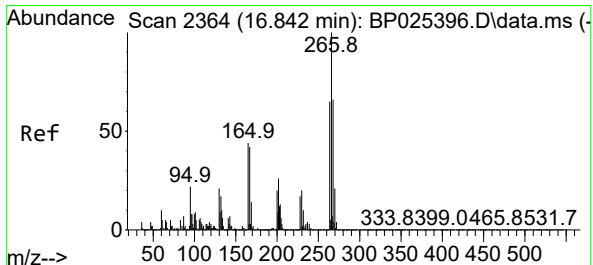
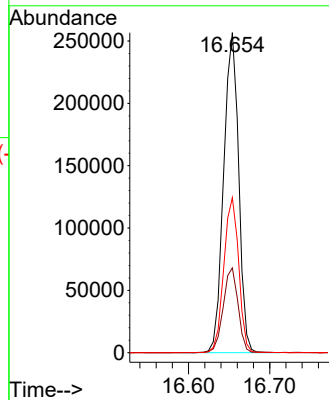
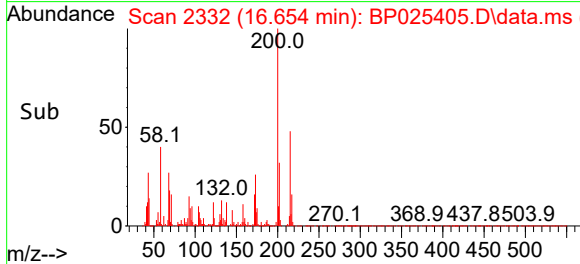
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 32986
Ion Ratio Lower Upper
200 100
173 26.5 6.7 46.7
215 48.5 29.7 69.7

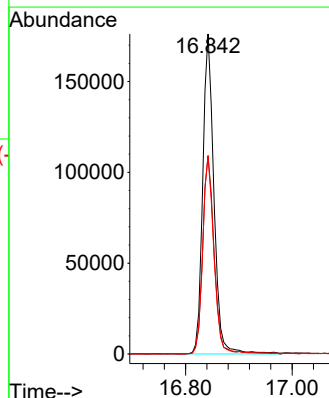
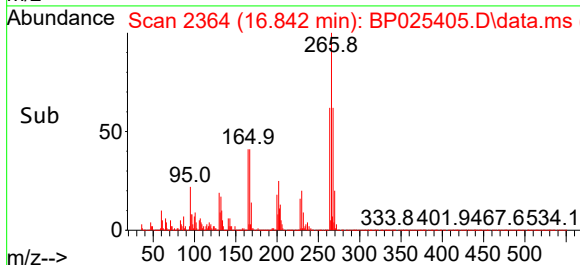
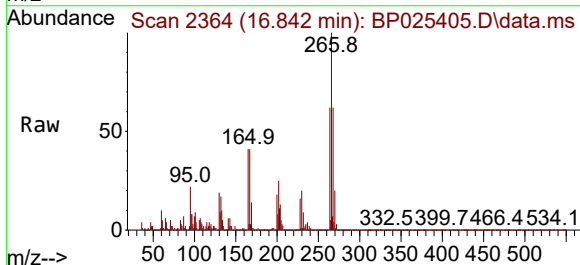
Manual Integrations
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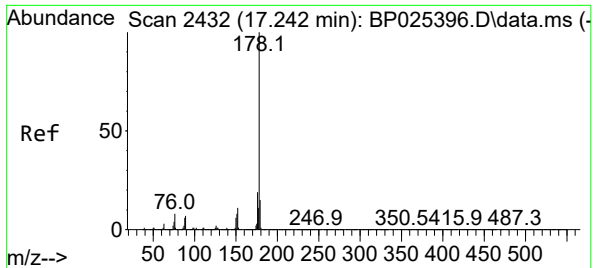
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 44.716 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

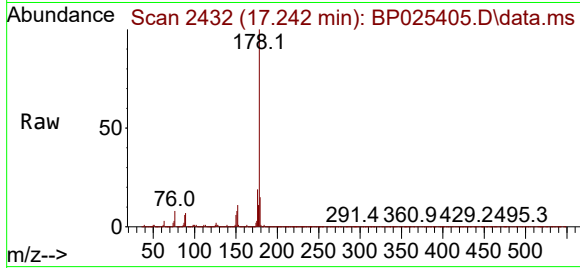
Tgt Ion:266 Resp: 256195
Ion Ratio Lower Upper
266 100
268 61.9 52.6 79.0
264 61.9 52.0 78.0





#71
Phenanthrene
Concen: 39.928 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

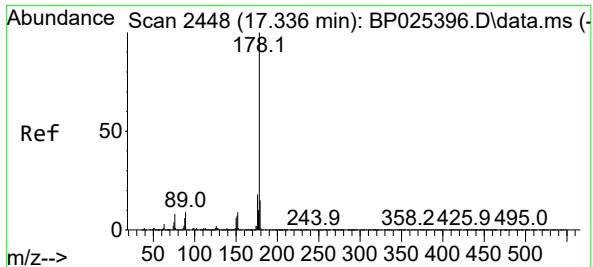
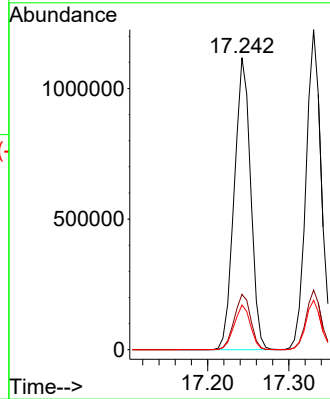
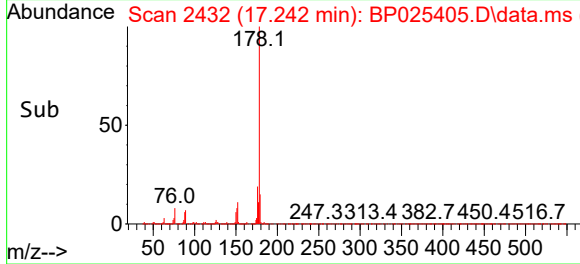
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1561490
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

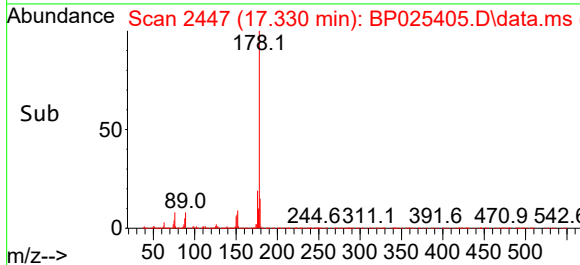
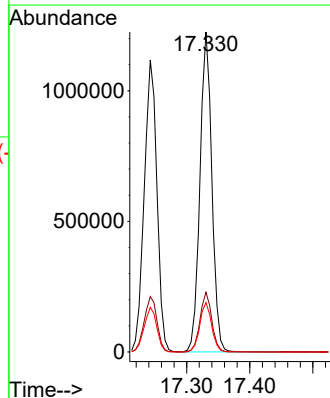
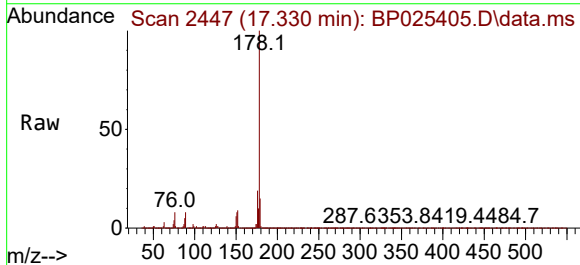
Manual Integrations
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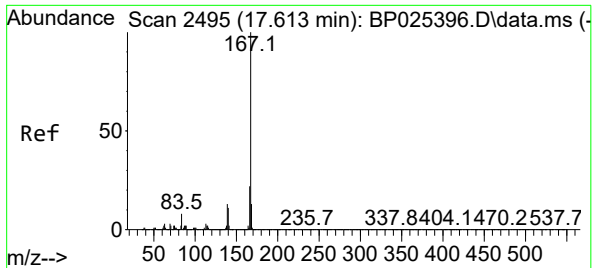
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 40.073 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

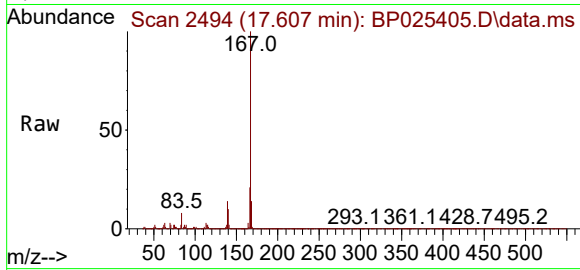
Tgt Ion:178 Resp: 1600393
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 40.652 ng
 RT: 17.607 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP025405.D
 Acq: 14 Aug 2025 22:56

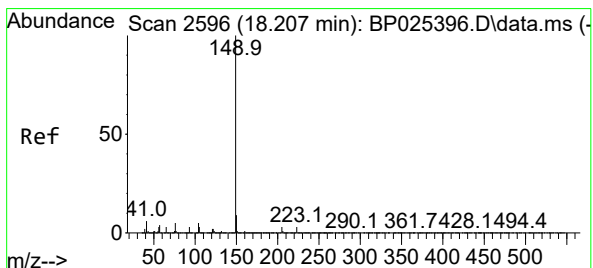
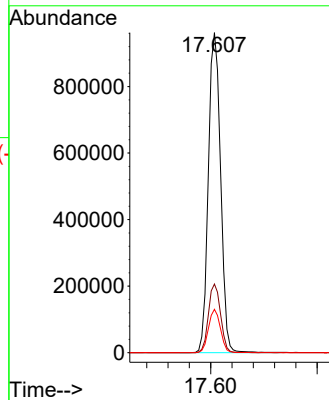
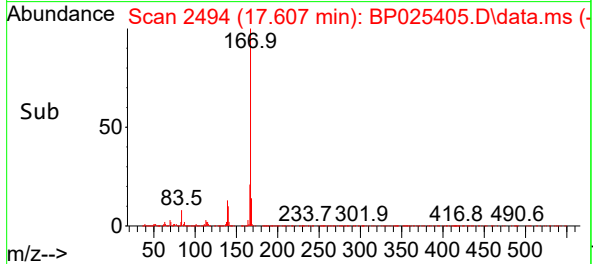
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1529199
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.6 10.6 16.0

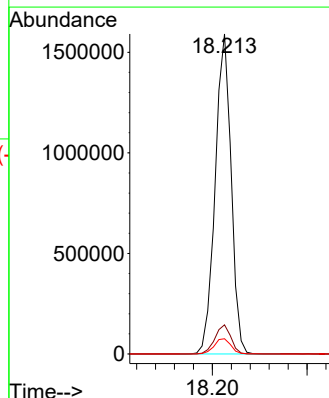
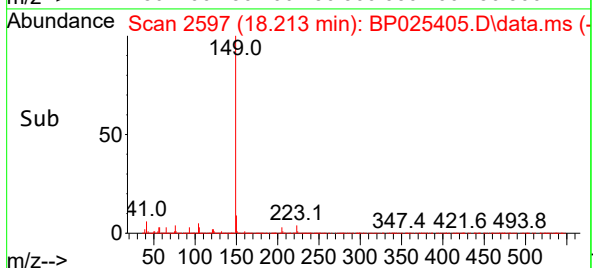
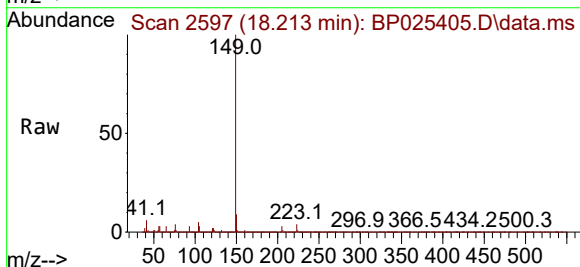
Manual Integrations
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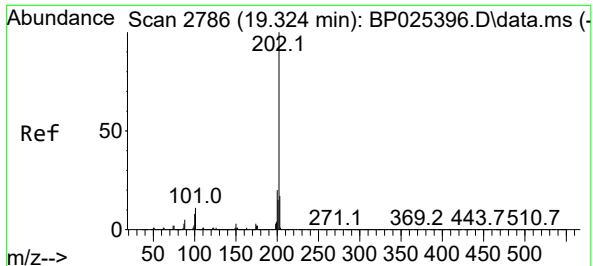
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#74
 Di-n-butylphthalate
 Concen: 40.088 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025405.D
 Acq: 14 Aug 2025 22:56

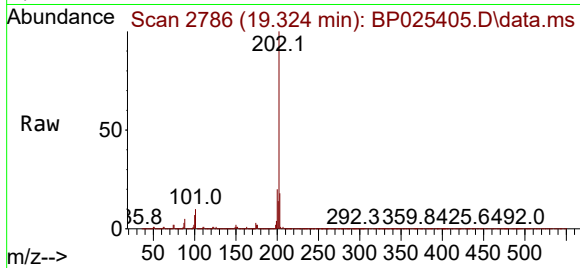
Tgt Ion:149 Resp: 1855338
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 40.295 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

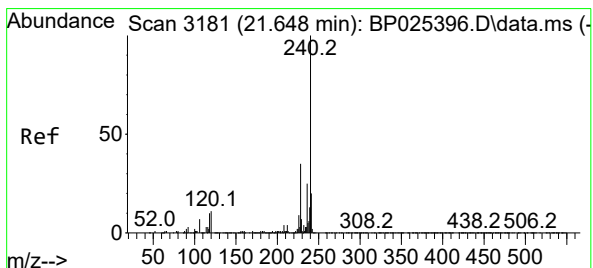
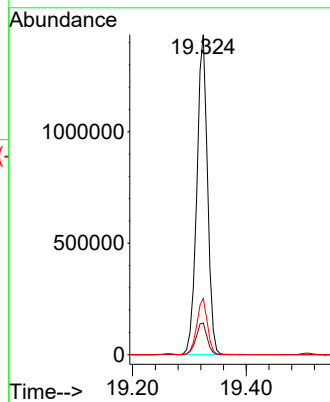
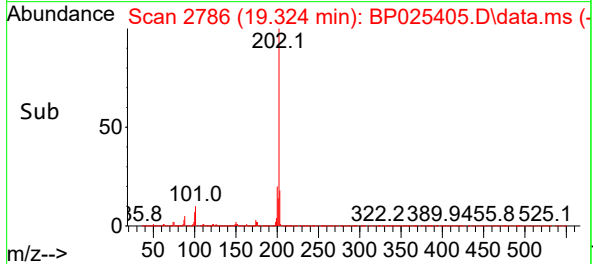
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 187970
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.6 0.0 37.3

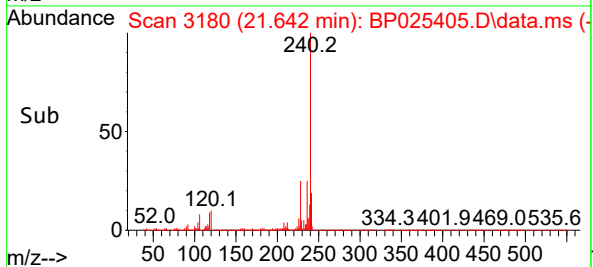
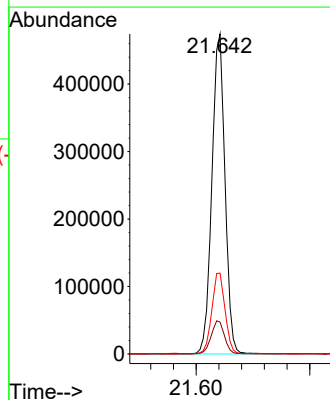
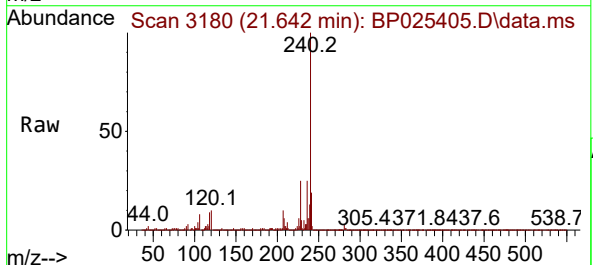
Manual Integrations
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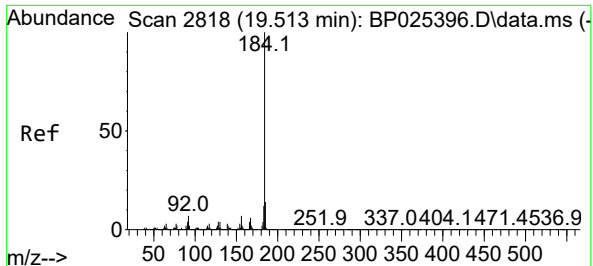
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

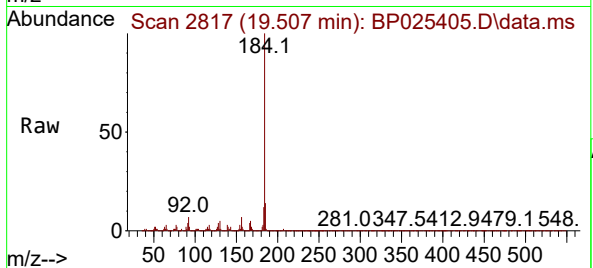
Tgt Ion:240 Resp: 755861
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.3 19.8 29.8





#77
Benzidine
Concen: 48.674 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

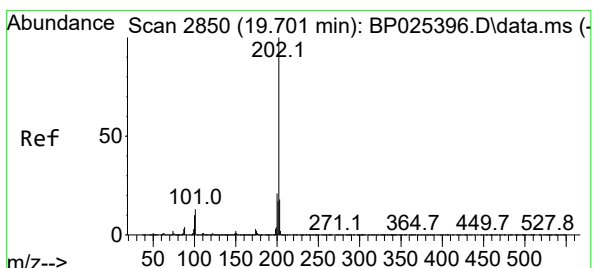
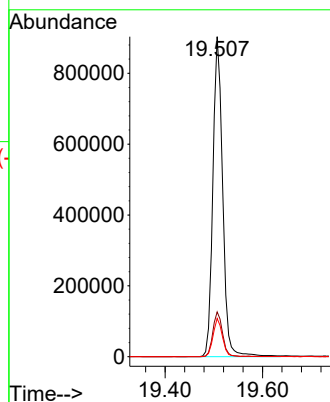
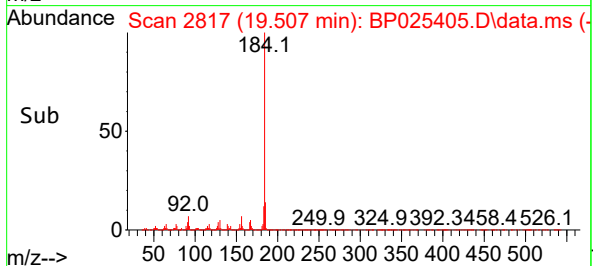
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1255588
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.9 9.4 14.2

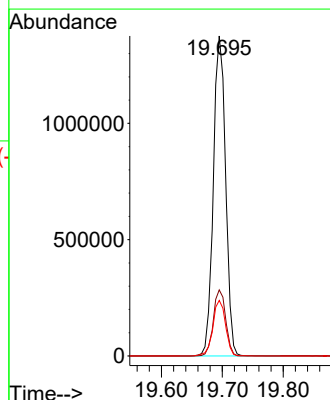
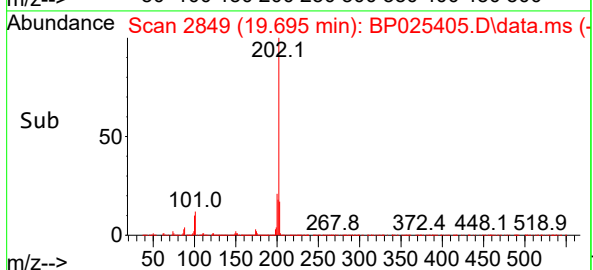
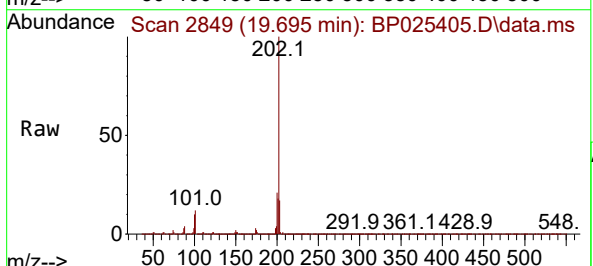
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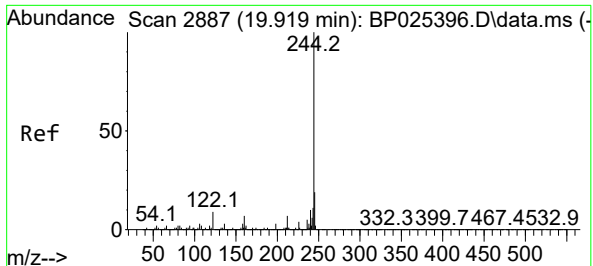
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 39.243 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:202 Resp: 1927979
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.4 14.2 21.2





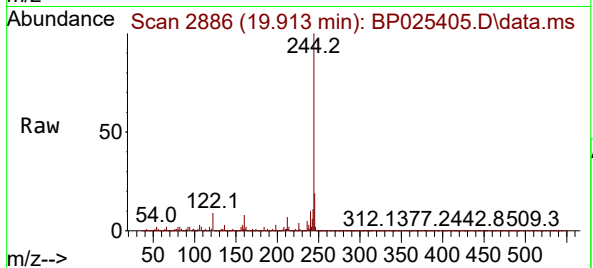
#79
 Terphenyl-d14
 Concen: 78.141 ng
 RT: 19.913 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025405.D
 Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 322827

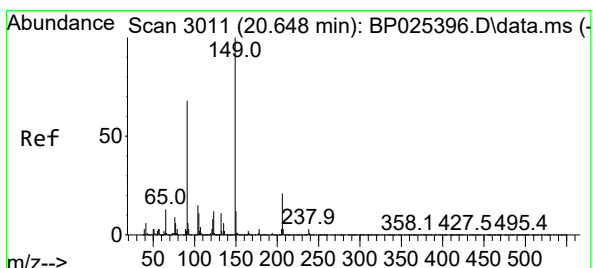
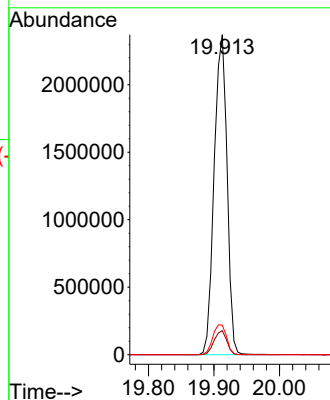
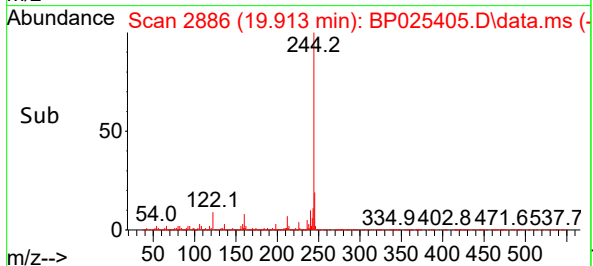
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.2	7.4	11.2

Manual Integrations

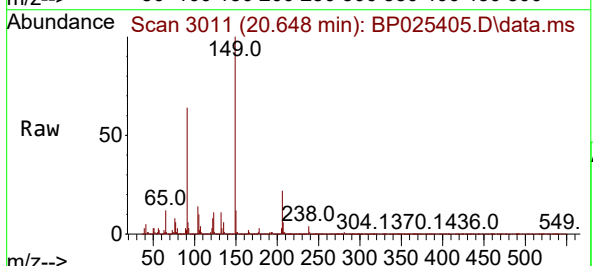
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

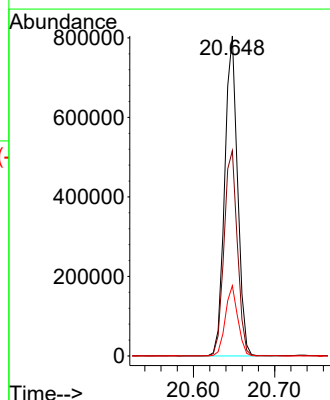
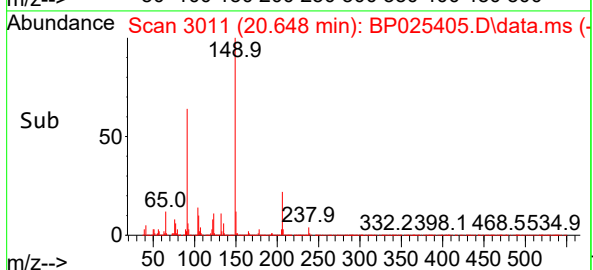


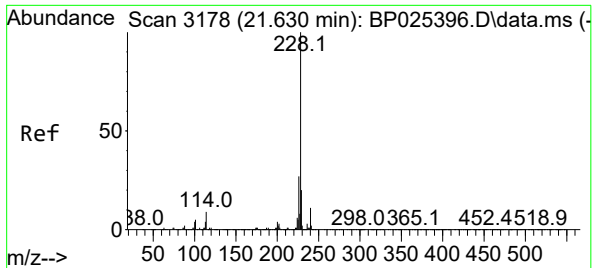
#80
 Butylbenzylphthalate
 Concen: 39.923 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. 0.000 min
 Lab File: BP025405.D
 Acq: 14 Aug 2025 22:56



Tgt Ion:149 Resp: 888903

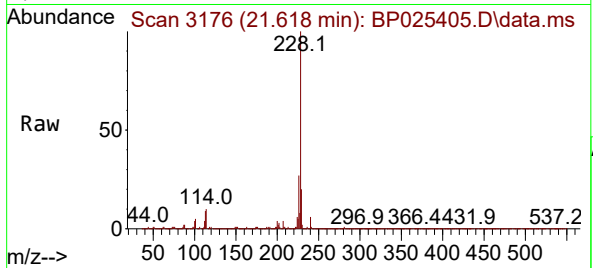
Ion	Ratio	Lower	Upper
149	100		
91	64.1	54.2	81.2
206	22.0	16.6	24.8





#81
Benzo(a)anthracene
Concen: 40.350 ng
RT: 21.618 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

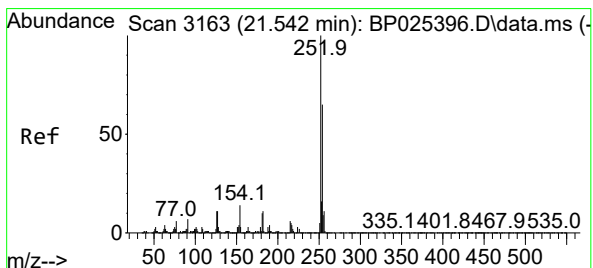
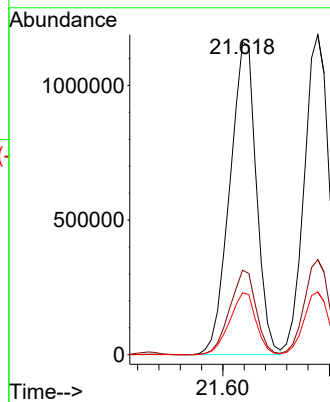
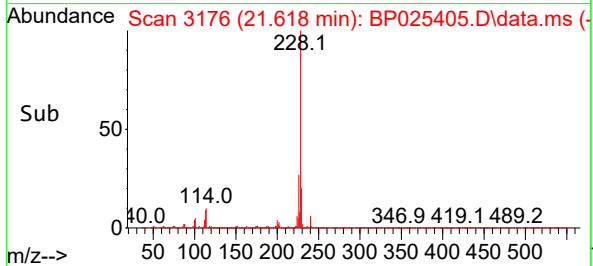
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 2011424
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.6 23.4

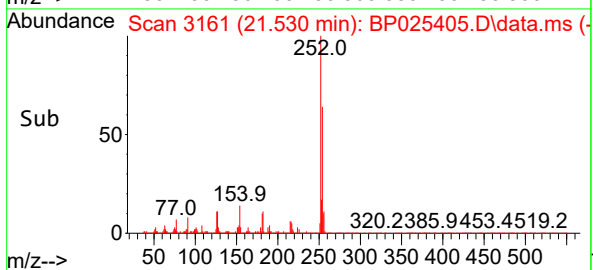
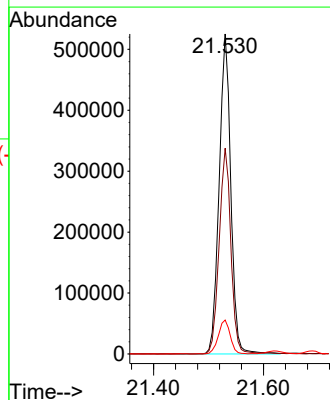
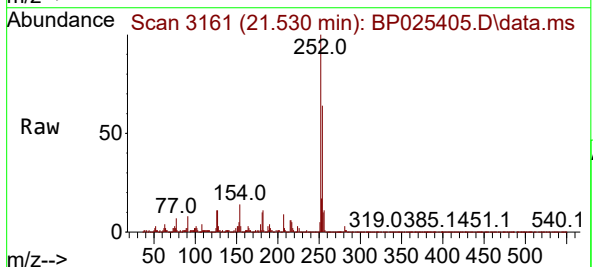
Manual Integrations
APPROVED

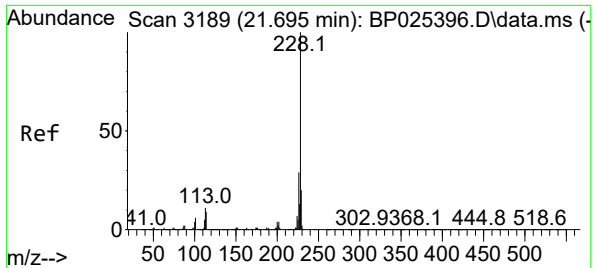
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.063 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion:252 Resp: 771557
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 10.6 9.1 13.7





#83

Chrysene

Concen: 40.587 ng

RT: 21.689 min Scan# 3189

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 189476

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

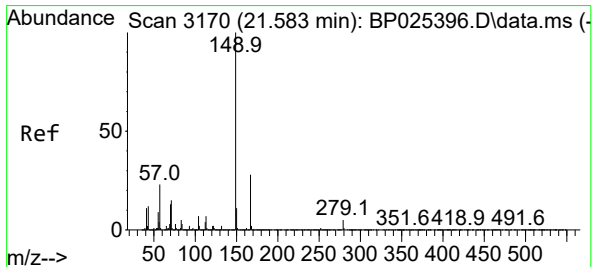
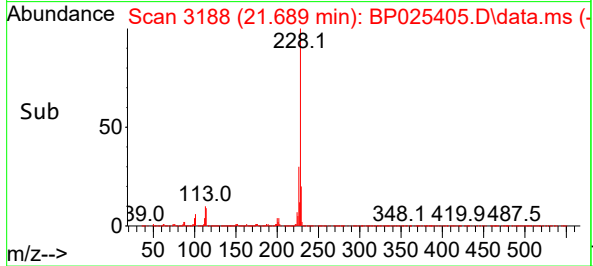
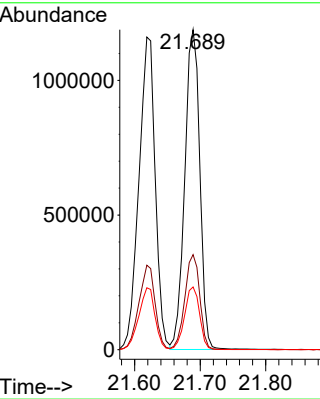
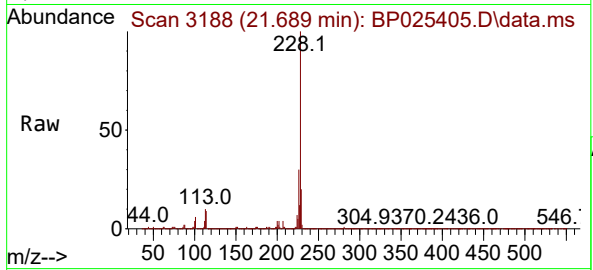
229 19.6 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.528 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.024 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

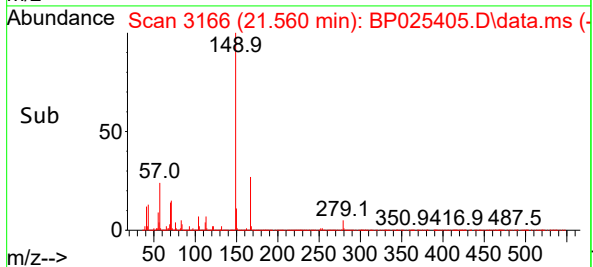
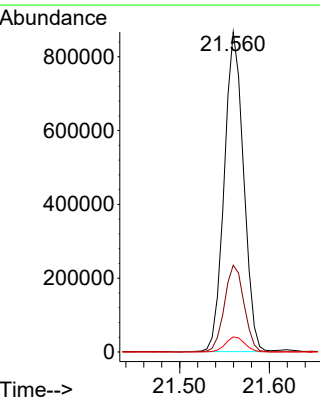
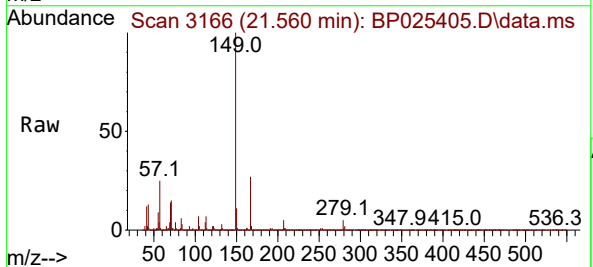
Tgt Ion:149 Resp: 1295582

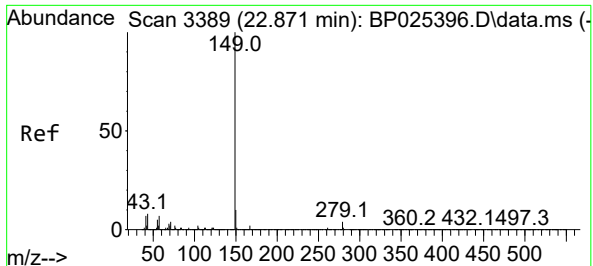
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

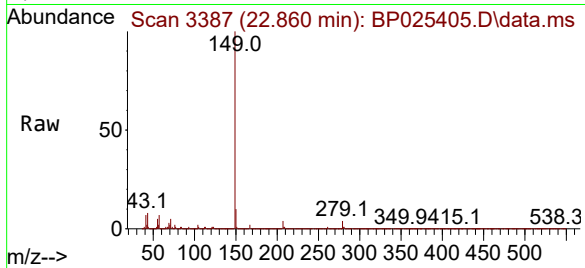
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 39.799 ng
RT: 22.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

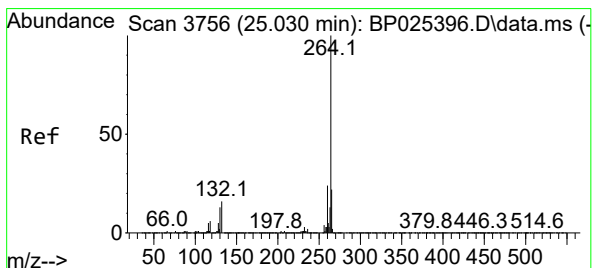
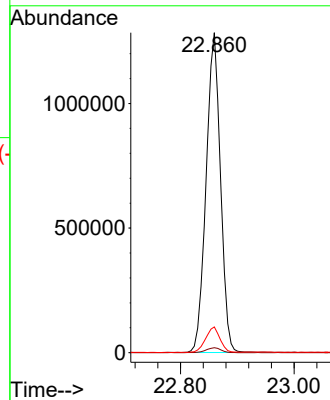
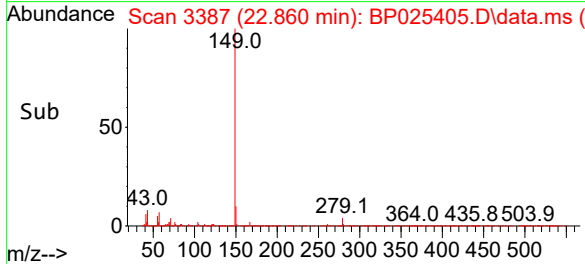
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 2243739
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

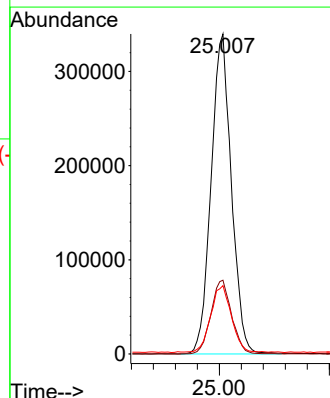
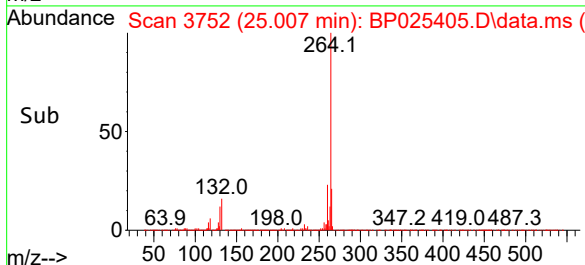
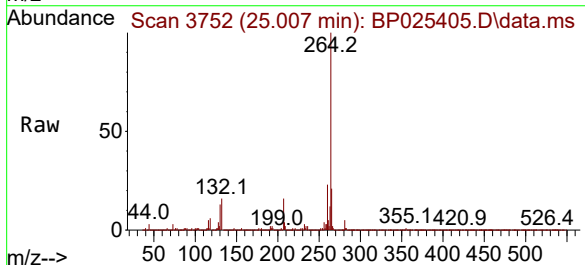
Manual Integrations
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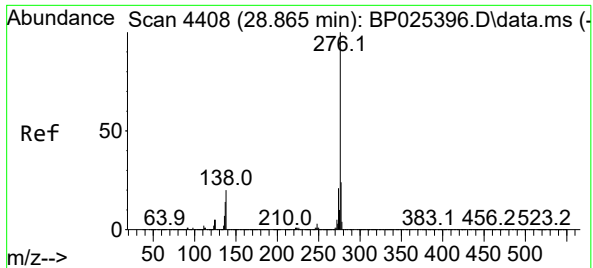
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

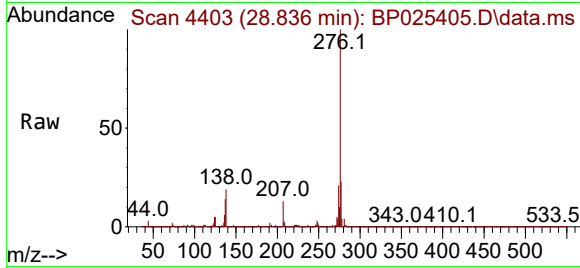
Tgt Ion:264 Resp: 870596
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.219 ng m
RT: 28.836 min Scan# 4408
Delta R.T. -0.029 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

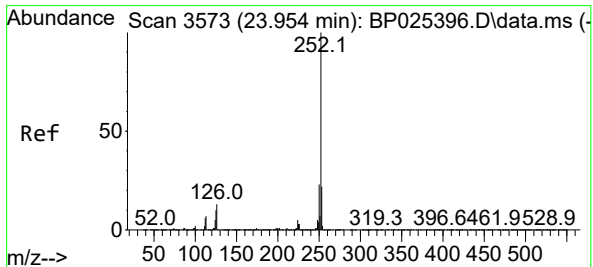
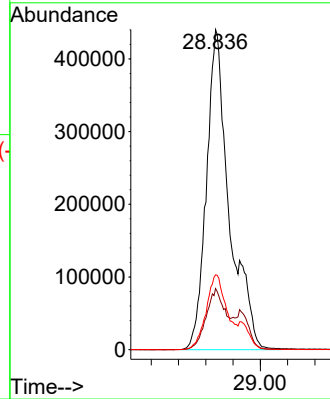
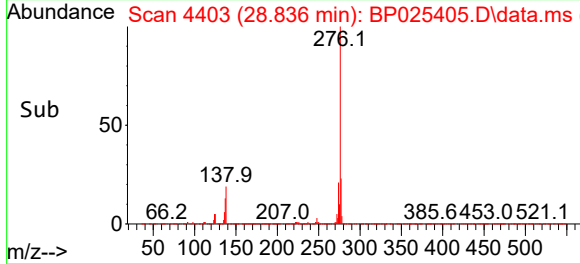
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 2567850
Ion Ratio Lower Upper
276 100
138 15.6 12.9 19.3
277 21.5 17.0 25.6

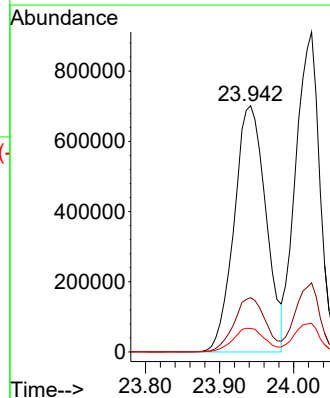
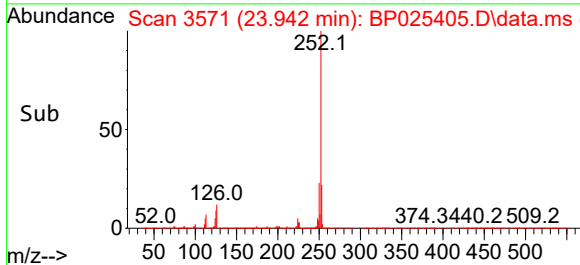
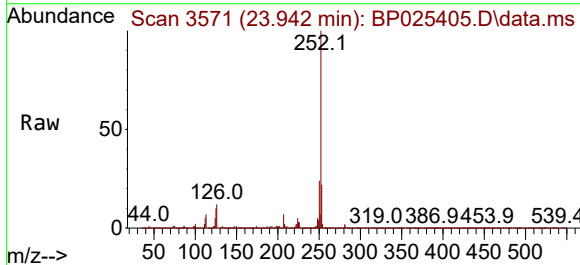
Manual Integrations
APPROVED

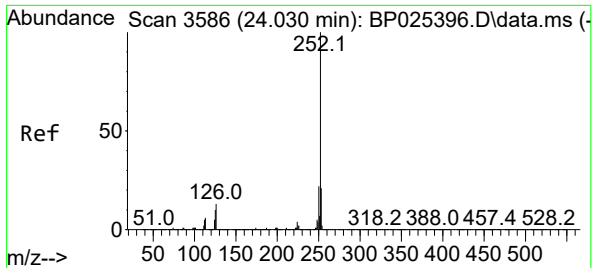
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 40.672 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 252 Resp: 2087946
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.896 ng

RT: 24.024 min Scan# 3586

Delta R.T. -0.006 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 204952

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

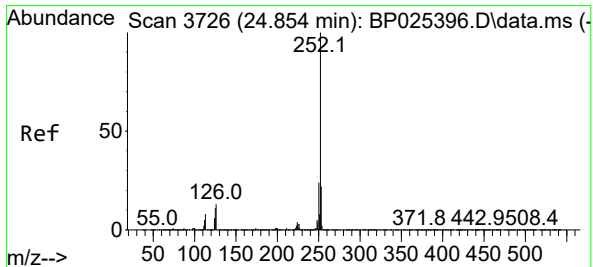
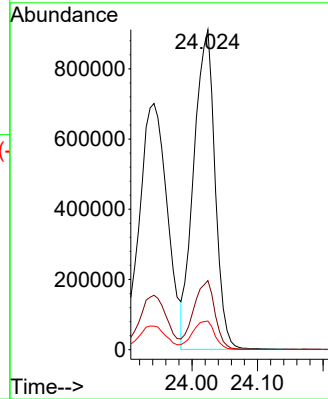
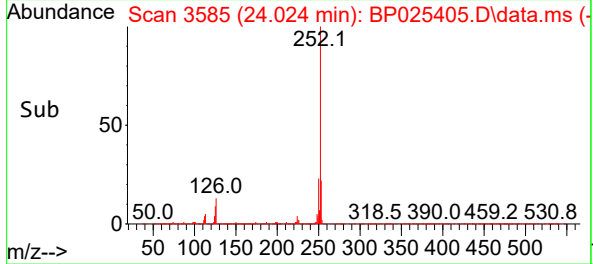
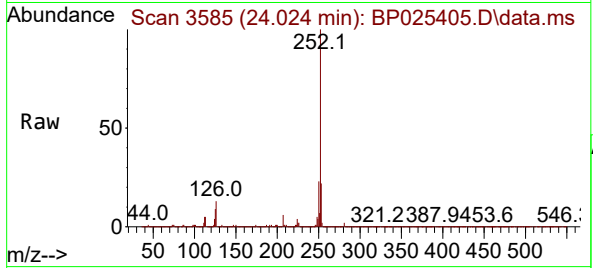
125 9.0 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 40.111 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025405.D

Acq: 14 Aug 2025 22:56

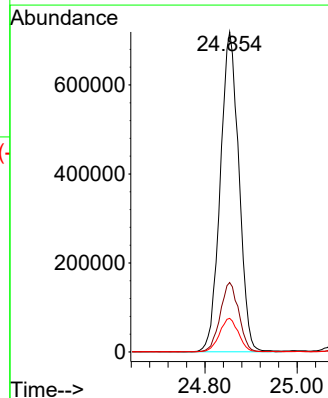
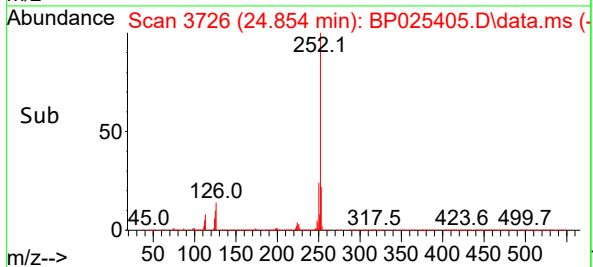
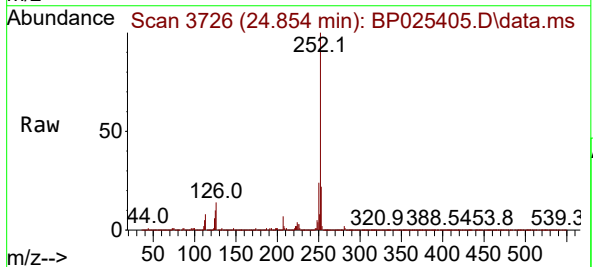
Tgt Ion:252 Resp: 2004437

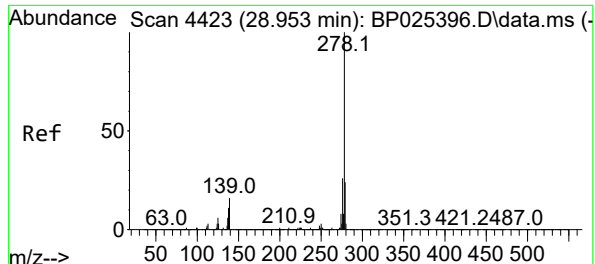
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

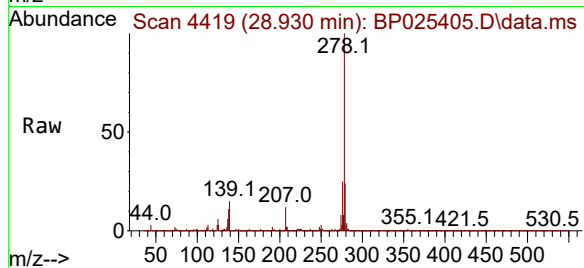
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 40.314 ng
RT: 28.930 min Scan# 4423
Delta R.T. -0.024 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56

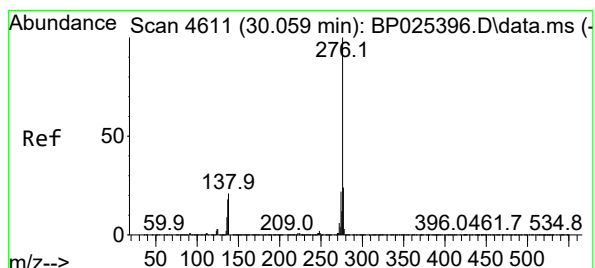
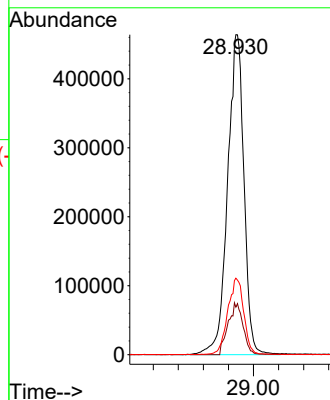
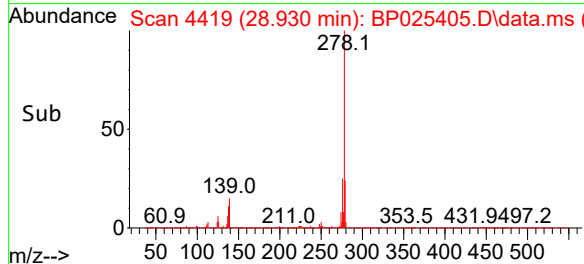
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



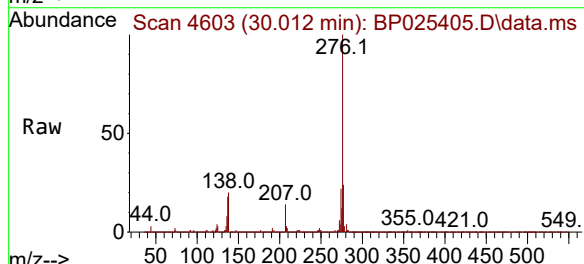
Tgt Ion: 278 Resp: 210339
Ion Ratio Lower Upper
278 100
139 14.8 13.0 19.4
279 23.9 19.4 29.2

Manual Integrations
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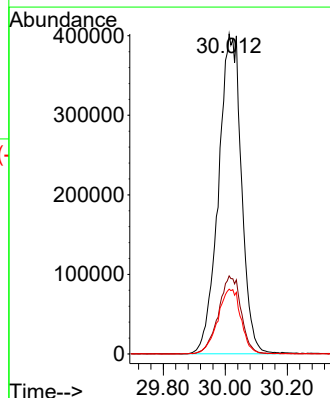
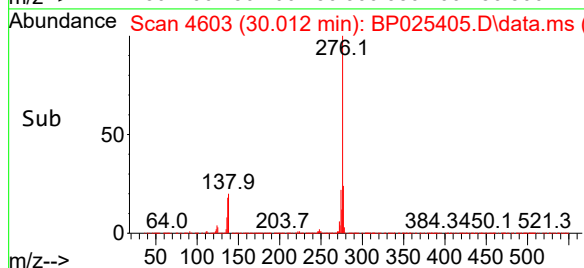
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 40.212 ng
RT: 30.012 min Scan# 4603
Delta R.T. -0.047 min
Lab File: BP025405.D
Acq: 14 Aug 2025 22:56



Tgt Ion: 276 Resp: 2062390
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 20.3 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	80	0.00
2	1,4-Dioxane	0.472	0.477	-1.1	85	0.00
3	Pyridine	1.291	1.288	0.2	84	0.00
4	n-Nitrosodimethylamine	0.532	0.547	-2.8	85	0.00
5 S	2-Fluorophenol	1.204	1.221	-1.4	84	0.00
6	Aniline	2.080	2.131	-2.5	84	0.00
7 S	Phenol-d6	1.544	1.575	-2.0	83	0.00
8	2-Chlorophenol	1.359	1.370	-0.8	83	0.00
9	Benzaldehyde	1.082	1.279	-18.2	75	0.00
10 C	Phenol	1.620	1.651	-1.9	84	0.00
11	bis(2-Chloroethyl)ether	1.263	1.264	-0.1	82	0.00
12	1,3-Dichlorobenzene	1.499	1.530	-2.1	84	0.00
13 C	1,4-Dichlorobenzene	1.532	1.553	-1.4	84	0.00
14	1,2-Dichlorobenzene	1.483	1.468	1.0	82	0.00
15	Benzyl Alcohol	1.227	1.247	-1.6	83	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.659	2.0	82	0.00
17	2-Methylphenol	1.125	1.148	-2.0	83	0.00
18	Hexachloroethane	0.563	0.560	0.5	82	0.00
19 P	n-Nitroso-di-n-propylamine	1.023	1.040	-1.7	84	0.00
20	3+4-Methylphenols	1.560	1.590	-1.9	83	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	79	0.00
22	Acetophenone	0.502	0.513	-2.2	83	0.00
23 S	Nitrobenzene-d5	0.395	0.403	-2.0	83	0.00
24	Nitrobenzene	0.353	0.363	-2.8	83	0.00
25	Isophorone	0.700	0.711	-1.6	83	0.00
26 C	2-Nitrophenol	0.181	0.186	-2.8	81	0.00
27	2,4-Dimethylphenol	0.312	0.321	-2.9	82	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.422	0.2	82	0.00
29 C	2,4-Dichlorophenol	0.310	0.322	-3.9	83	0.00
30	1,2,4-Trichlorobenzene	0.340	0.339	0.3	82	0.00
31	Naphthalene	1.040	1.045	-0.5	82	0.00
32	Benzoic acid	0.230	0.223	3.0	77	0.00
33	4-Chloroaniline	0.459	0.473	-3.1	83	0.00
34 C	Hexachlorobutadiene	0.211	0.214	-1.4	83	0.00
35	Caprolactam	0.114	0.118	-3.5	85	-0.01
36 C	4-Chloro-3-methylphenol	0.355	0.369	-3.9	84	0.00
37	2-Methylnaphthalene	0.676	0.674	0.3	81	0.00
38	1-Methylnaphthalene	0.719	0.714	0.7	82	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	79	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.583	-0.9	82	-0.01
41 P	Hexachlorocyclopentadiene	0.349	0.374	-7.2	85	0.00
42 S	2,4,6-Tribromophenol	0.269	0.276	-2.6	83	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.400	-2.6	83	0.00
44	2,4,5-Trichlorophenol	0.427	0.443	-3.7	82	0.00
45 S	2-Fluorobiphenyl	1.463	1.470	-0.5	83	0.00
46	1,1'-Biphenyl	1.453	1.450	0.2	81	0.00
47	2-Chloronaphthalene	1.131	1.139	-0.7	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.329	0.349	-6.1	83	0.00
49	Acenaphthylene	1.871	1.926	-2.9	84	0.00
50	Dimethylphthalate	1.465	1.497	-2.2	84	0.00
51	2,6-Dinitrotoluene	0.309	0.323	-4.5	82	0.00
52 C	Acenaphthene	1.098	1.125	-2.5	85	0.00
53	3-Nitroaniline	0.347	0.364	-4.9	84	-0.01
54 P	2,4-Dinitrophenol	0.165	0.172	-4.2	83	0.00
55	Dibenzofuran	1.736	1.746	-0.6	82	0.00
56 P	4-Nitrophenol	0.285	0.297	-4.2	84	0.00
57	2,4-Dinitrotoluene	0.440	0.467	-6.1	84	0.00
58	Fluorene	1.370	1.387	-1.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.377	0.395	-4.8	85	0.00
60	Diethylphthalate	1.488	1.506	-1.2	83	0.00
61	4-Chlorophenyl-phenylether	0.681	0.685	-0.6	83	0.00
62	4-Nitroaniline	0.356	0.376	-5.6	84	0.00
63	Azobenzene	1.274	1.309	-2.7	83	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.127	-1.6	83	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.607	0.5	83	0.00
67	4-Bromophenyl-phenylether	0.220	0.218	0.9	83	0.00
68	Hexachlorobenzene	0.255	0.254	0.4	84	0.00
69	Atrazine	0.228	0.232	-1.8	85	0.00
70 C	Pentachlorophenol	0.161	0.180	-11.8	92	0.00
71	Phenanthrene	1.099	1.097	0.2	85	0.00
72	Anthracene	1.122	1.124	-0.2	84	0.00
73	Carbazole	1.057	1.074	-1.6	86	0.00
74	Di-n-butylphthalate	1.300	1.303	-0.2	84	0.00
75 C	Fluoranthene	1.311	1.320	-0.7	87	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77	Benzydine	0.683	0.831	-21.7	72	0.00
78	Pyrene	1.300	1.275	1.9	84	0.00
79 S	Terphenyl-d14	1.093	1.068	2.3	86	0.00
80	Butylbenzylphthalate	0.589	0.588	0.2	85	0.00
81	Benzo(a)anthracene	1.319	1.331	-0.9	88	-0.01
82	3,3'-Dichlorobenzidine	0.497	0.510	-2.6	88	-0.01
83	Chrysene	1.235	1.253	-1.5	89	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.857	1.2	87	-0.02
85 c	Di-n-octyl phthalate	1.492	1.484	0.5	86	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	85	-0.02
87	Indeno(1,2,3-cd)pyrene	1.467	1.475	-0.5	89	-0.03
88	Benzo(b)fluoranthene	1.179	1.199	-1.7	90	-0.01
89	Benzo(k)fluoranthene	1.180	1.177	0.3	89	0.00
90 C	Benzo(a)pyrene	1.148	1.151	-0.3	88	0.00
91	Dibenzo(a,h)anthracene	1.199	1.208	-0.8	89	-0.02
92	Benzo(g,h,i)perylene	1.178	1.184	-0.5	89	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025405.D
Acq On : 14 Aug 2025 22:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	80	0.00
2	1,4-Dioxane	40.000	40.412	-1.0	85	0.00
3	Pyridine	40.000	39.888	0.3	84	0.00
4	n-Nitrosodimethylamine	40.000	41.101	-2.8	85	0.00
5 S	2-Fluorophenol	80.000	81.088	-1.4	84	0.00
6	Aniline	40.000	40.970	-2.4	84	0.00
7 S	Phenol-d6	80.000	81.606	-2.0	83	0.00
8	2-Chlorophenol	40.000	40.322	-0.8	83	0.00
9	Benzaldehyde	40.000	47.275	-18.2	75	0.00
10 C	Phenol	40.000	40.771	-1.9	84	0.00
11	bis(2-Chloroethyl)ether	40.000	40.048	-0.1	82	0.00
12	1,3-Dichlorobenzene	40.000	40.829	-2.1	84	0.00
13 C	1,4-Dichlorobenzene	40.000	40.565	-1.4	84	0.00
14	1,2-Dichlorobenzene	40.000	39.617	1.0	82	0.00
15	Benzyl Alcohol	40.000	40.671	-1.7	83	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.232	1.9	82	0.00
17	2-Methylphenol	40.000	40.791	-2.0	83	0.00
18	Hexachloroethane	40.000	39.750	0.6	82	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.666	-1.7	84	0.00
20	3+4-Methylphenols	40.000	40.768	-1.9	83	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	79	0.00
22	Acetophenone	40.000	40.930	-2.3	83	0.00
23 S	Nitrobenzene-d5	80.000	81.634	-2.0	83	0.00
24	Nitrobenzene	40.000	41.117	-2.8	83	0.00
25	Isophorone	40.000	40.642	-1.6	83	0.00
26 C	2-Nitrophenol	40.000	40.994	-2.5	81	0.00
27	2,4-Dimethylphenol	40.000	41.117	-2.8	82	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.927	0.2	82	0.00
29 C	2,4-Dichlorophenol	40.000	41.524	-3.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	39.885	0.3	82	0.00
31	Naphthalene	40.000	40.194	-0.5	82	0.00
32	Benzoic acid	40.000	38.736	3.2	77	0.00
33	4-Chloroaniline	40.000	41.245	-3.1	83	0.00
34 C	Hexachlorobutadiene	40.000	40.518	-1.3	83	0.00
35	Caprolactam	40.000	41.412	-3.5	85	-0.01
36 C	4-Chloro-3-methylphenol	40.000	41.484	-3.7	84	0.00
37	2-Methylnaphthalene	40.000	39.832	0.4	81	0.00
38	1-Methylnaphthalene	40.000	39.723	0.7	82	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	79	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.342	-0.9	82	-0.01
41 P	Hexachlorocyclopentadiene	40.000	42.907	-7.3	85	0.00
42 S	2,4,6-Tribromophenol	80.000	82.139	-2.7	83	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.069	-2.7	83	0.00
44	2,4,5-Trichlorophenol	40.000	41.457	-3.6	82	0.00
45 S	2-Fluorobiphenyl	80.000	80.382	-0.5	83	0.00
46	1,1'-Biphenyl	40.000	39.933	0.2	81	0.00
47	2-Chloronaphthalene	40.000	40.309	-0.8	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025405.D
 Acq On : 14 Aug 2025 22:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	42.321	-5.8	83	0.00
49	Acenaphthylene	40.000	41.180	-2.9	84	0.00
50	Dimethylphthalate	40.000	40.894	-2.2	84	0.00
51	2,6-Dinitrotoluene	40.000	41.884	-4.7	82	0.00
52 C	Acenaphthene	40.000	40.956	-2.4	85	0.00
53	3-Nitroaniline	40.000	41.978	-4.9	84	-0.01
54 P	2,4-Dinitrophenol	40.000	41.836	-4.6	83	0.00
55	Dibenzofuran	40.000	40.222	-0.6	82	0.00
56 P	4-Nitrophenol	40.000	41.615	-4.0	84	0.00
57	2,4-Dinitrotoluene	40.000	42.379	-5.9	84	0.00
58	Fluorene	40.000	40.486	-1.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.876	-4.7	85	0.00
60	Diethylphthalate	40.000	40.483	-1.2	83	0.00
61	4-Chlorophenyl-phenylether	40.000	40.215	-0.5	83	0.00
62	4-Nitroaniline	40.000	42.276	-5.7	84	0.00
63	Azobenzene	40.000	41.097	-2.7	83	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.785	-2.0	83	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.818	0.5	83	0.00
67	4-Bromophenyl-phenylether	40.000	39.718	0.7	83	0.00
68	Hexachlorobenzene	40.000	39.777	0.6	84	0.00
69	Atrazine	40.000	40.573	-1.4	85	0.00
70 C	Pentachlorophenol	40.000	44.716	-11.8	92	0.00
71	Phenanthrene	40.000	39.928	0.2	85	0.00
72	Anthracene	40.000	40.073	-0.2	84	0.00
73	Carbazole	40.000	40.652	-1.6	86	0.00
74	Di-n-butylphthalate	40.000	40.088	-0.2	84	0.00
75 C	Fluoranthene	40.000	40.295	-0.7	87	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77	Benzydine	40.000	48.674	-21.7	72	0.00
78	Pyrene	40.000	39.243	1.9	84	0.00
79 S	Terphenyl-d14	80.000	78.141	2.3	86	0.00
80	Butylbenzylphthalate	40.000	39.923	0.2	85	0.00
81	Benzo(a)anthracene	40.000	40.350	-0.9	88	-0.01
82	3,3'-Dichlorobenzidine	40.000	41.063	-2.7	88	-0.01
83	Chrysene	40.000	40.587	-1.5	89	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.528	1.2	87	-0.02
85 c	Di-n-octyl phthalate	40.000	39.799	0.5	86	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	85	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	40.219	-0.5	89	-0.03
88	Benzo(b)fluoranthene	40.000	40.672	-1.7	90	-0.01
89	Benzo(k)fluoranthene	40.000	39.896	0.3	89	0.00
90 C	Benzo(a)pyrene	40.000	40.111	-0.3	88	0.00
91	Dibenzo(a,h)anthracene	40.000	40.314	-0.8	89	-0.02
92	Benzo(g,h,i)perylene	40.000	40.212	-0.5	89	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025405.D
Acq On : 14 Aug 2025 22:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 15 01:38:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = 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>PORT06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2832</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/18/2025 10:39</u>
Lab File ID:	<u>BP025455.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.235		2.6	
Benzaldehyde	1.082	1.303		20.4	
Phenol-d6	1.544	1.590		3.0	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.286		1.8	
2-Chlorophenol	1.359	1.381		1.6	
2-Methylphenol	1.125	1.153		2.5	
2,2-oxybis(1-Chloropropane)	1.692	1.765		4.3	
Acetophenone	0.502	0.501		-0.2	
3+4-Methylphenols	1.560	1.576		1.0	
n-Nitroso-di-n-propylamine	1.023	1.040	0.050	1.7	
Nitrobenzene-d5	0.395	0.398		0.8	
Hexachloroethane	0.563	0.576		2.3	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.685		-2.1	
2-Nitrophenol	0.181	0.183		1.1	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.425		0.5	
2,4-Dichlorophenol	0.310	0.317		2.3	20.0
Naphthalene	1.040	1.026		-1.3	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.114	0.113		-0.9	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.668		-1.2	
Hexachlorocyclopentadiene	0.349	0.479	0.050	37.2	
2,4,6-Trichlorophenol	0.390	0.407		4.4	20.0
2-Fluorobiphenyl	1.463	1.437		-1.8	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.458		0.3	
2-Chloronaphthalene	1.131	1.121		-0.9	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.456		-0.6	
Acenaphthylene	1.871	1.865		-0.3	
2,6-Dinitrotoluene	0.309	0.319		3.2	
3-Nitroaniline	0.347	0.358		3.2	
Acenaphthene	1.098	1.088		-0.9	20.0
2,4-Dinitrophenol	0.165	0.167	0.050	1.2	
4-Nitrophenol	0.285	0.290	0.050	1.8	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PORT06
 Lab Code: ACE SDG No.: Q2832
 Instrument ID: BNA_P Calibration Date/Time: 08/18/2025 10:39
 Lab File ID: BP025455.D Init. Calib. Date(s): 08/14/2025 08/14/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.717		-1.1	
2,4-Dinitrotoluene	0.440	0.450		2.3	
Diethylphthalate	1.488	1.500		0.8	
4-Chlorophenyl-phenylether	0.681	0.663		-2.6	
Fluorene	1.370	1.347		-1.7	
4-Nitroaniline	0.356	0.365		2.5	
4,6-Dinitro-2-methylphenol	0.125	0.116		-7.2	
n-Nitrosodiphenylamine	0.610	0.623		2.1	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.224		1.8	
Hexachlorobenzene	0.255	0.253		-0.8	
Atrazine	0.228	0.233		2.2	
Pentachlorophenol	0.161	0.154		-4.3	20.0
Phenanthrene	1.099	1.124		2.3	
Anthracene	1.122	1.138		1.4	
Carbazole	1.057	1.069		1.1	
Di-n-butylphthalate	1.300	1.334		2.6	
Fluoranthene	1.311	1.325		1.1	20.0
Pyrene	1.300	1.310		0.8	
Terphenyl-d14	1.093	1.084		-0.8	
Butylbenzylphthalate	0.589	0.592		0.5	
3,3-Dichlorobenzidine	0.497	0.490		-1.4	
Benzo (a) anthracene	1.319	1.322		0.2	
Chrysene	1.235	1.263		2.3	
Bis(2-ethylhexyl)phthalate	0.867	0.880		1.5	
Di-n-octyl phthalate	1.492	1.489		-0.2	20.0
Benzo (b) fluoranthene	1.179	1.212		2.8	
Benzo (k) fluoranthene	1.180	1.195		1.3	
Benzo (a) pyrene	1.148	1.152		0.3	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.451		-1.1	
Dibenzo (a,h) anthracene	1.199	1.196		-0.3	
Benzo (g,h,i) perylene	1.178	1.171		-0.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.569		-1.6	
1,4-Dioxane	0.472	0.474		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.395		4.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Aug 18 12:42:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 18:14:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	129439	20.000	ng	-0.03
21) Naphthalene-d8	10.548	136	550485	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	359982	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	707933	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	748424	20.000	ng	-0.02
86) Perylene-d12	25.000	264	846697	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	639171	82.005	ng	-0.01
7) Phenol-d6	6.954	99	823098	82.368	ng	-0.01
23) Nitrobenzene-d5	8.925	82	876756	80.567	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	388835	80.248	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2068879	78.546	ng	0.00
79) Terphenyl-d14	19.918	244	3246131	79.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	122604	40.159	ng	98
3) Pyridine	3.719	79	334213	39.995	ng	96
4) n-Nitrosodimethylamine	3.625	42	143491	41.651	ng	98
6) Aniline	7.113	93	542872	40.321	ng	98
8) 2-Chlorophenol	7.354	128	357467	40.642	ng	99
9) Benzaldehyde	6.931	77	337420m	48.195	ng	
10) Phenol	6.978	94	428619	40.877	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	332888	40.731	ng	97
12) 1,3-Dichlorobenzene	7.672	146	385845	39.784	ng	99
13) 1,4-Dichlorobenzene	7.813	146	394145	39.761	ng	98
14) 1,2-Dichlorobenzene	8.125	146	387260	40.357	ng	98
15) Benzyl Alcohol	8.007	79	319069	40.185	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.295	45	456910	41.734	ng	98
17) 2-Methylphenol	8.213	107	298449	40.981	ng	98
18) Hexachloroethane	8.854	117	149211	40.939	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	269300	40.685	ng	100
20) 3+4-Methylphenols	8.537	107	408076	40.425	ng	99
22) Acetophenone	8.589	105	551135	39.923	ng	98
24) Nitrobenzene	8.960	77	393372	40.447	ng	98
25) Isophorone	9.484	82	754224	39.163	ng	99
26) 2-Nitrophenol	9.672	139	201676	40.406	ng	99
27) 2,4-Dimethylphenol	9.725	122	338805	39.471	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	467674	40.173	ng	98
29) 2,4-Dichlorophenol	10.195	162	348762	40.902	ng	97
30) 1,2,4-Trichlorobenzene	10.413	180	367355	39.301	ng	99
31) Naphthalene	10.601	128	1130138	39.499	ng	99
32) Benzoic acid	9.854	122	300714	47.454	ng	97
33) 4-Chloroaniline	10.701	127	504246	39.898	ng	99
34) Hexachlorobutadiene	10.884	225	228134	39.190	ng	98
35) Caprolactam	11.489	113	124504	39.821	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	399336	40.814	ng	99
37) 2-Methylnaphthalene	12.213	142	735528	39.503	ng	99
38) 1-Methylnaphthalene	12.425	142	777947	39.288	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	409880	39.424	ng	99
41) Hexachlorocyclopentadiene	12.560	237	344743	54.895	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	293126	41.762	ng	99

08/19/2025

Supervised By :Jagru
 padhyay

08/19/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	319297	41.507	ng	99
46) 1,1'-Biphenyl	13.225	154	1049348	40.137	ng	99
47) 2-Chloronaphthalene	13.266	162	806752	39.638	ng	100
48) 2-Nitroaniline	13.454	65	253588	42.761	ng	95
49) Acenaphthylene	14.113	152	1342750	39.870	ng	98
50) Dimethylphthalate	13.848	163	1048563	39.777	ng	99
51) 2,6-Dinitrotoluene	13.966	165	229491	41.304	ng	94
52) Acenaphthene	14.460	154	783467m	39.632	ng	08/19/2025
53) 3-Nitroaniline	14.301	138	257397	41.176	ng	99
54) 2,4-Dinitrophenol	14.501	184	119955	40.428	ng	99
55) Dibenzofuran	14.801	168	1236093	39.550	ng	99
56) 4-Nitrophenol	14.607	139	208534	40.596	ng	92
57) 2,4-Dinitrotoluene	14.760	165	323986	40.870	ng	99
58) Fluorene	15.460	166	970073	39.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	284196	41.840	ng	99
60) Diethylphthalate	15.236	149	1079798	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	477262	38.912	ng	98
62) 4-Nitroaniline	15.477	138	262587	40.974	ng	97
63) Azobenzene	15.754	77	955133	41.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	163748	37.107	ng	89
66) n-Nitrosodiphenylamine	15.671	169	881828	40.848	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	316740	40.681	ng	96
68) Hexachlorobenzene	16.489	284	357689	39.631	ng	98
69) Atrazine	16.642	200	329195	40.719	ng	98
70) Pentachlorophenol	16.836	266	218464	38.345	ng	97
71) Phenanthrene	17.236	178	1592132	40.940	ng	99
72) Anthracene	17.330	178	1611288	40.573	ng	100
73) Carbazole	17.607	167	1513389	40.458	ng	99
74) Di-n-butylphthalate	18.207	149	1888886	41.042	ng	100
75) Fluoranthene	19.312	202	1875973	40.441	ng	99
77) Benzidine	19.512	184	1101599	43.129	ng	99
78) Pyrene	19.689	202	1960510	40.302	ng	99
80) Butylbenzylphthalate	20.648	149	886026	40.189	ng	98
81) Benzo(a)anthracene	21.612	228	1979219	40.099	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	733316	39.416	ng	99
83) Chrysene	21.677	228	1891222	40.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.559	149	1316742	40.573	ng	99
85) Di-n-octyl phthalate	22.842	149	2229136	39.933	ng	98
87) Indeno(1,2,3-cd)pyrene	28.818	276	2456533	39.562	ng	95
88) Benzo(b)fluoranthene	23.924	252	2052802	41.116	ng	100
89) Benzo(k)fluoranthene	24.006	252	2023948	40.510	ng	99
90) Benzo(a)pyrene	24.842	252	1950603	40.136	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2024887	39.905	ng	100
92) Benzo(g,h,i)perylene	30.000	276	1983435	39.764	ng	98

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

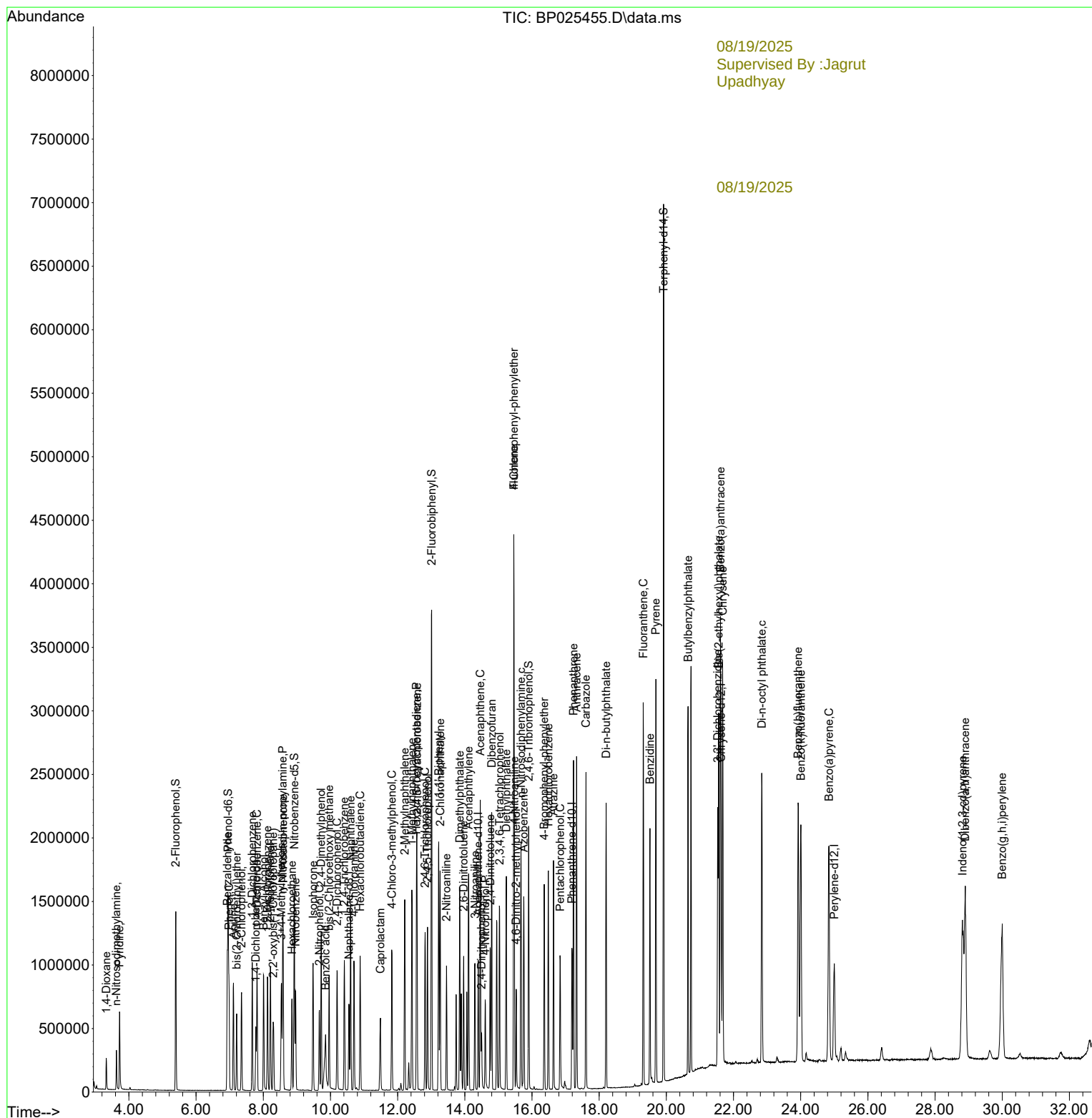
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Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

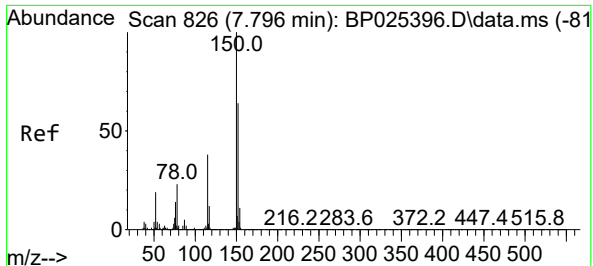
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BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chayli

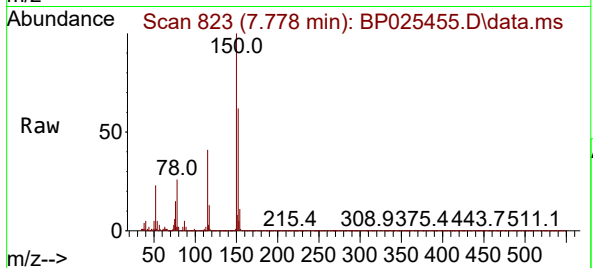
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

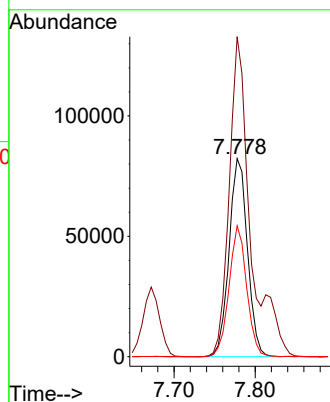
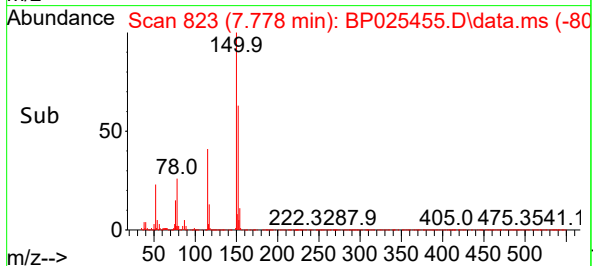
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 129439
Ion Ratio Lower Upper
152 100
150 161.5 125.9 188.9
115 66.1 48.5 72.7

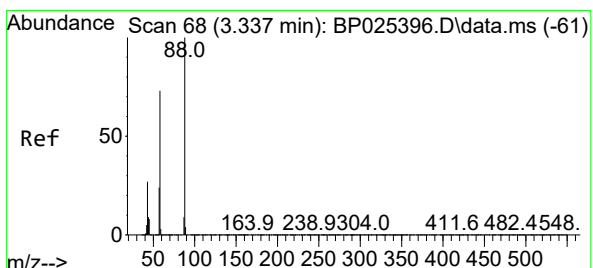
Manual Integrations
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Chavli



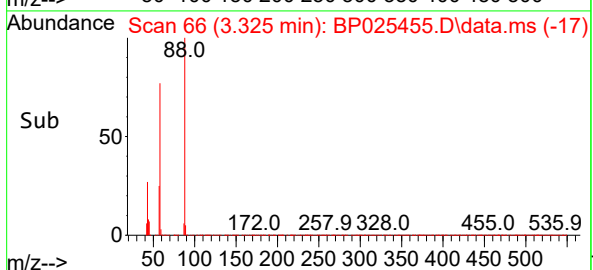
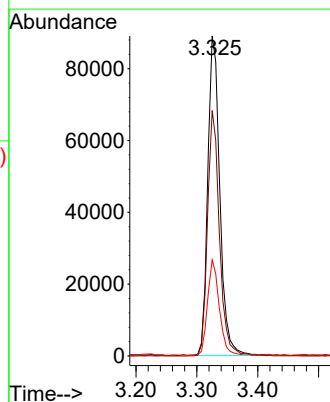
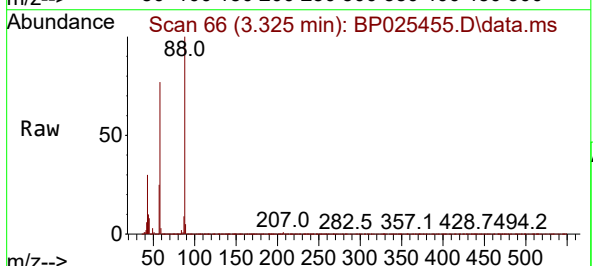
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Upadhyay

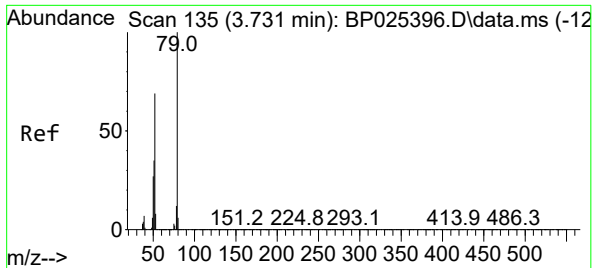
08/19/2025



#2
1,4-Dioxane
Concen: 40.159 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

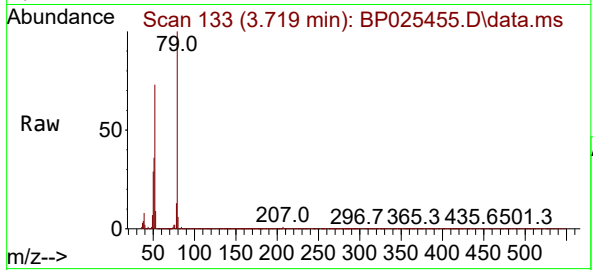
Tgt Ion: 88 Resp: 122604
Ion Ratio Lower Upper
88 100
58 75.7 59.2 88.8
43 29.1 21.7 32.5





#3
Pyridine
Concen: 39.995 ng
RT: 3.719 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

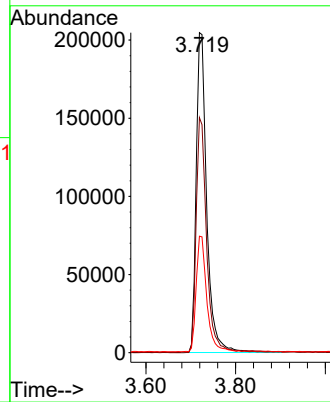
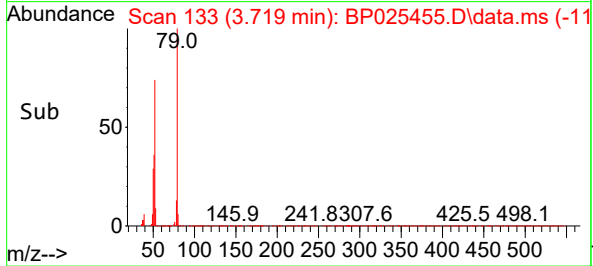
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 33421
Ion Ratio Lower Upper
79 100
52 73.5 55.5 83.3
51 36.4 28.3 42.5

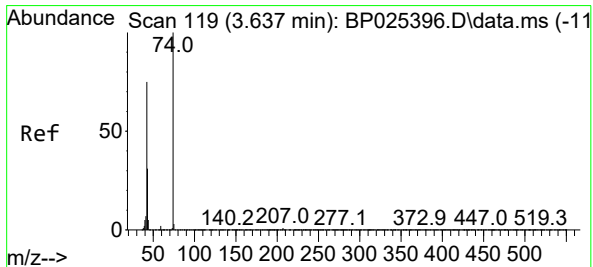
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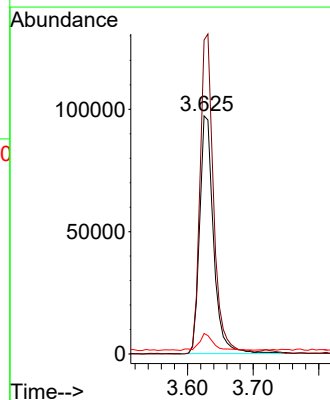
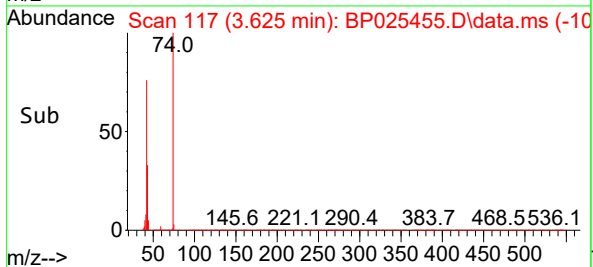
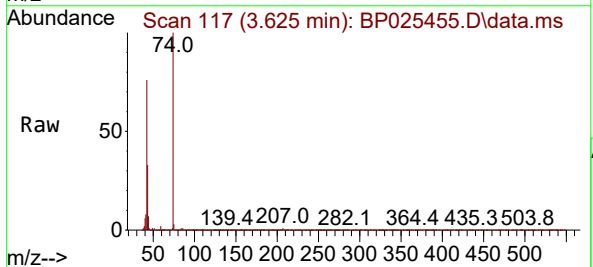
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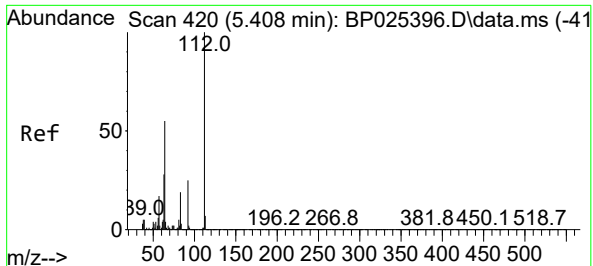
08/19/2025



#4
n-Nitrosodimethylamine
Concen: 41.651 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

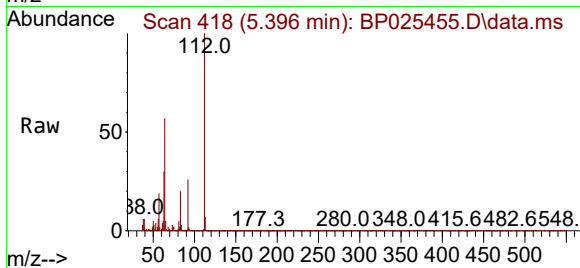
Tgt Ion: 42 Resp: 143491
Ion Ratio Lower Upper
42 100
74 131.9 107.0 160.4
44 8.6 6.2 9.4





#5
2-Fluorophenol
Concen: 82.005 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

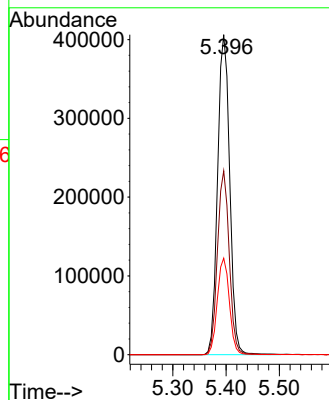
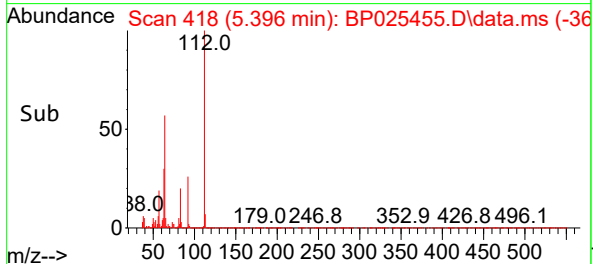
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 63917
Ion Ratio Lower Upper
112 100
64 57.4 43.8 65.8
63 30.2 22.7 34.1

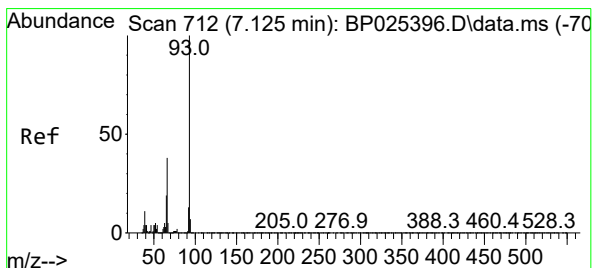
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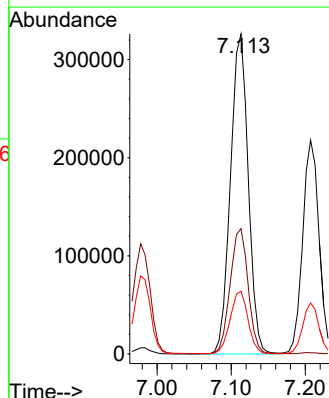
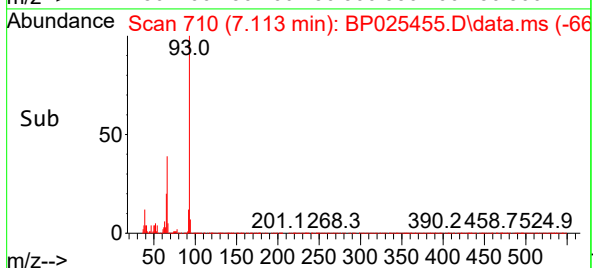
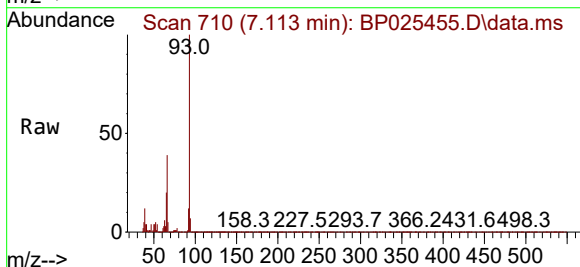
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Upadhyay

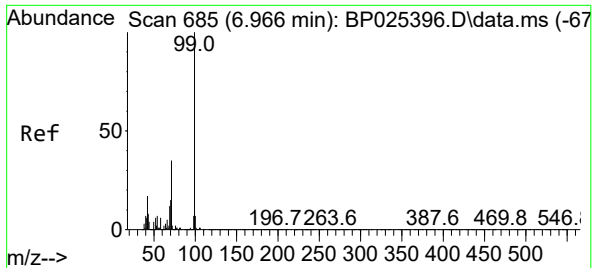
08/19/2025



#6
Aniline
Concen: 40.321 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

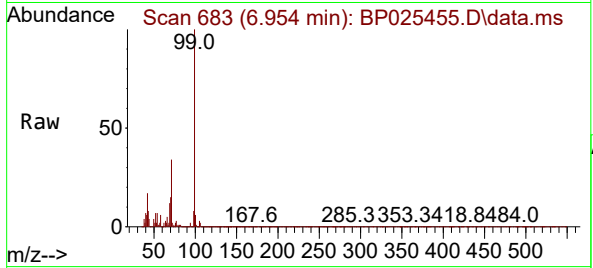
Tgt Ion: 93 Resp: 542872
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.6 15.3 22.9





#7
Phenol-d6
Concen: 82.368 ng
RT: 6.954 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

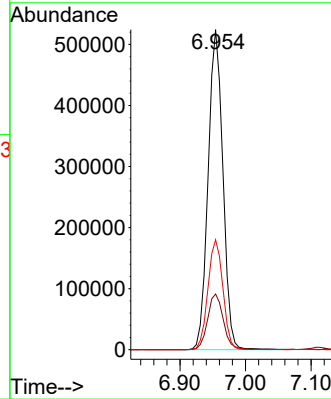
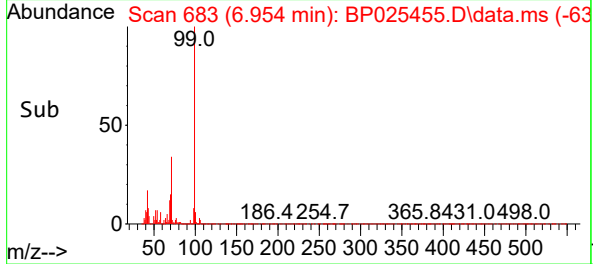
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 823098
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 34.3 28.2 42.4

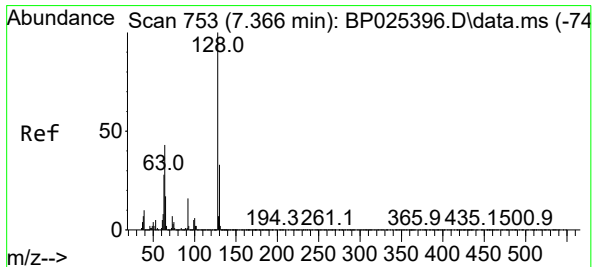
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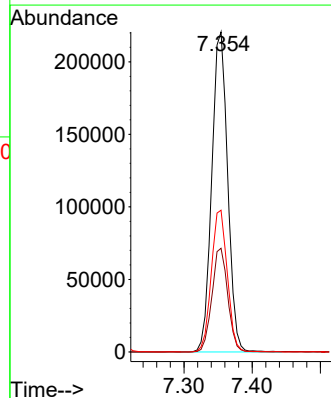
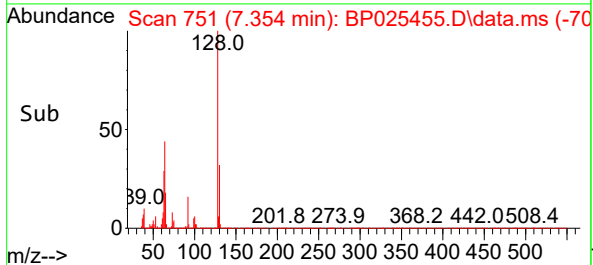
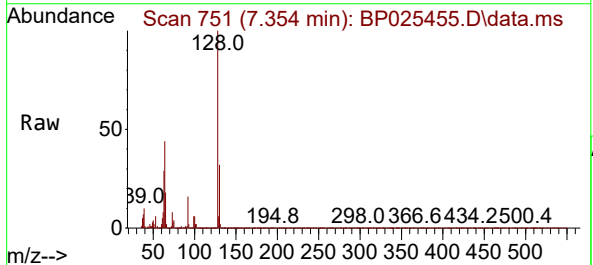
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Upadhyay

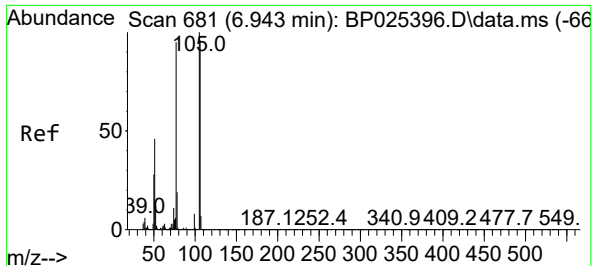
08/19/2025



#8
2-Chlorophenol
Concen: 40.642 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

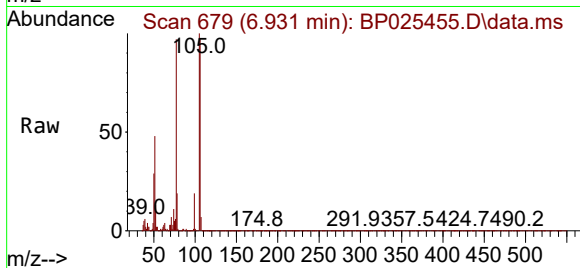
Tgt Ion:128 Resp: 357467
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 44.3 23.4 63.4





#9
Benzaldehyde
Concen: 48.195 ng m
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

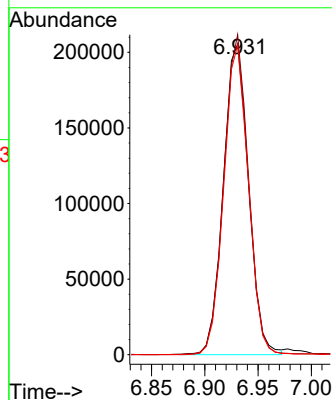
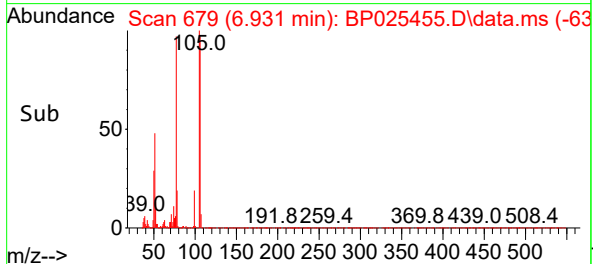
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 337420
Ion Ratio Lower Upper
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105 103.0 84.8 124.8
106 99.7 80.5 120.5

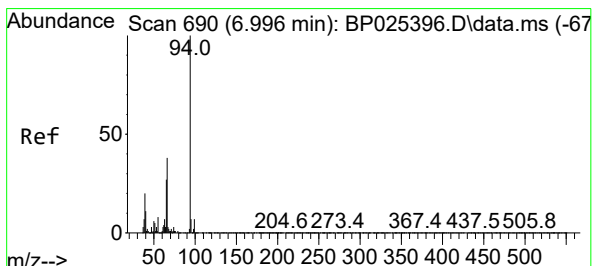
Manual Integrations
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Reviewed By :Rahul
Chavli



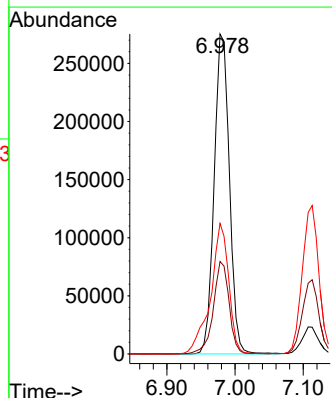
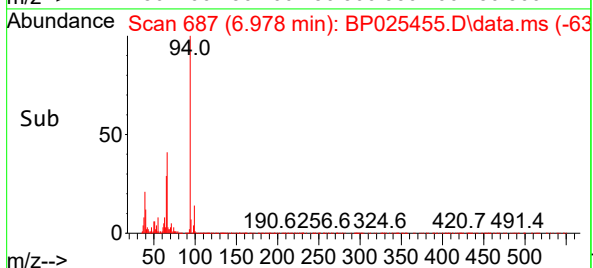
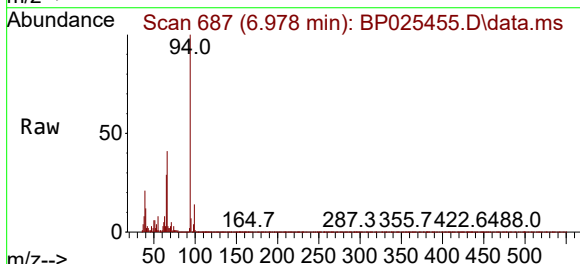
08/19/2025
Supervised By :Jagrut
Upadhyay

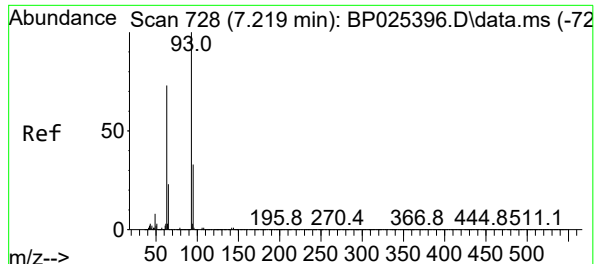
08/19/2025



#10
Phenol
Concen: 40.877 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 94 Resp: 428619
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 40.731 ng

RT: 7.207 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 33288

Ion Ratio Lower Upper

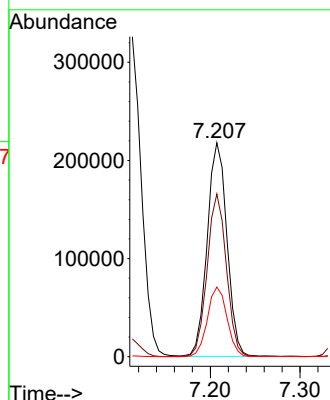
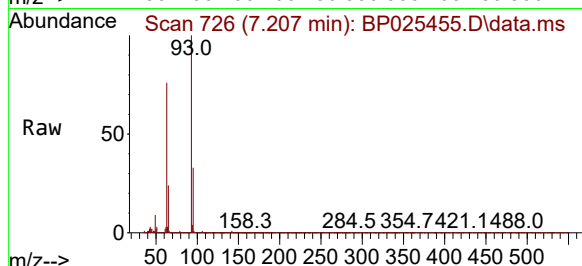
93 100

63 76.0 52.6 92.6

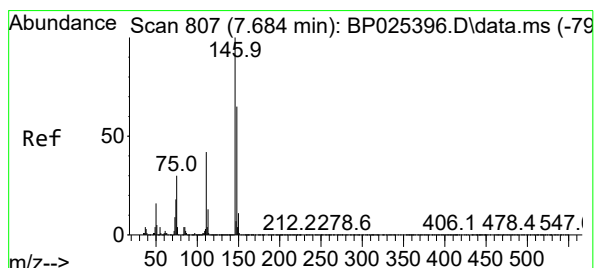
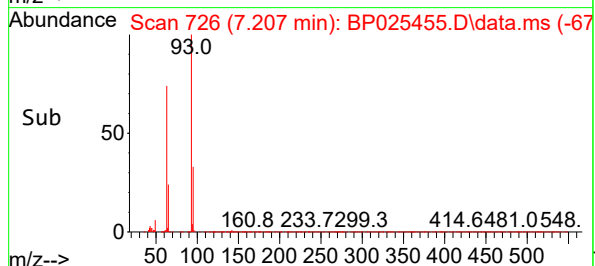
95 32.6 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

08/19/2025



#12

1,3-Dichlorobenzene

Concen: 39.784 ng

RT: 7.672 min Scan# 805

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

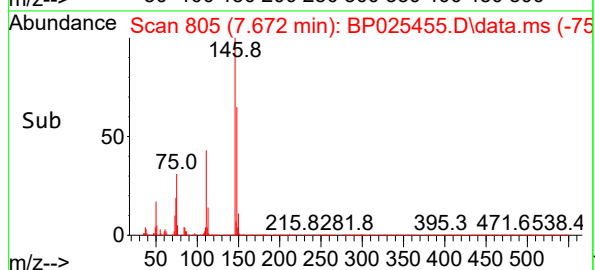
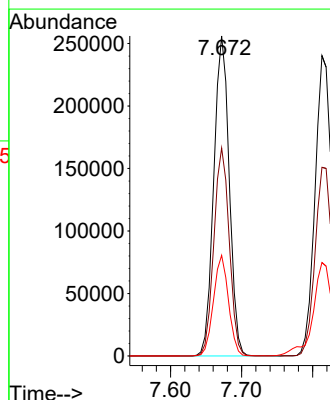
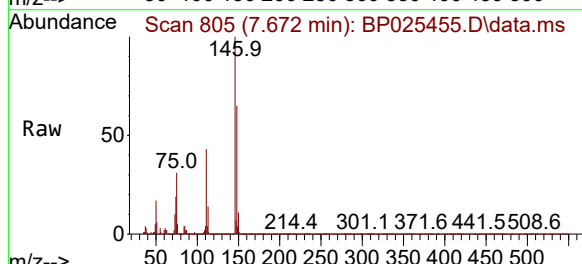
Tgt Ion:146 Resp: 385845

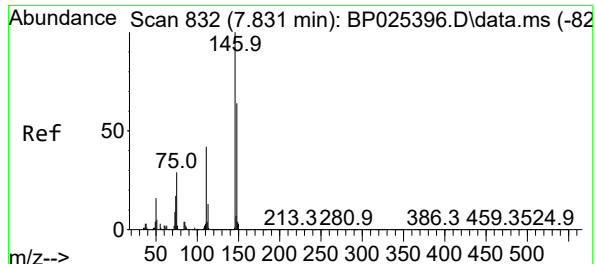
Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

75 31.4 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 39.761 ng

RT: 7.813 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 39414

Ion Ratio Lower Upper

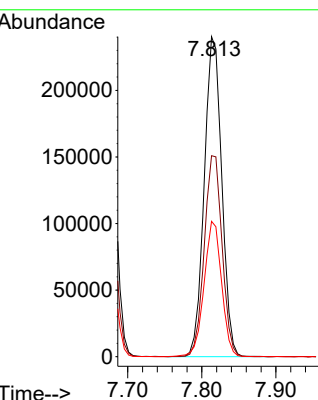
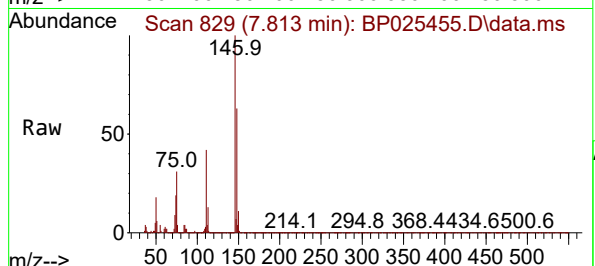
146 100

148 62.8 51.6 77.4

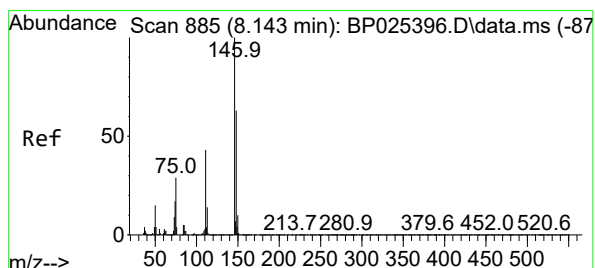
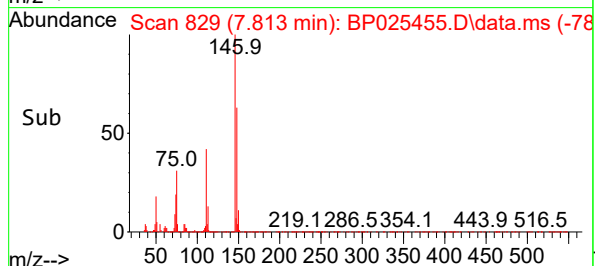
111 42.3 33.4 50.0

Manual Integrations

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Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

08/19/2025



#14

1,2-Dichlorobenzene

Concen: 40.357 ng

RT: 8.125 min Scan# 882

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

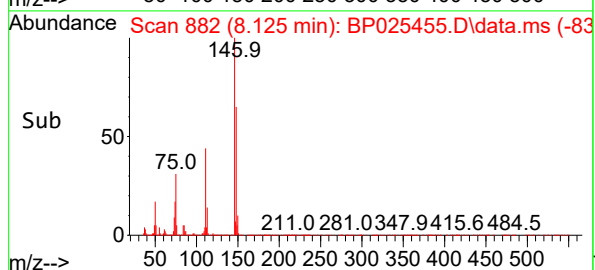
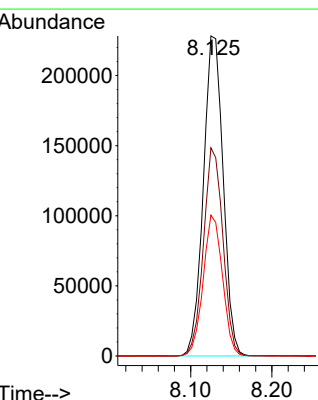
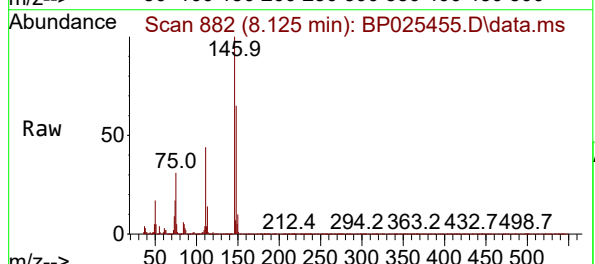
Tgt Ion:146 Resp: 387260

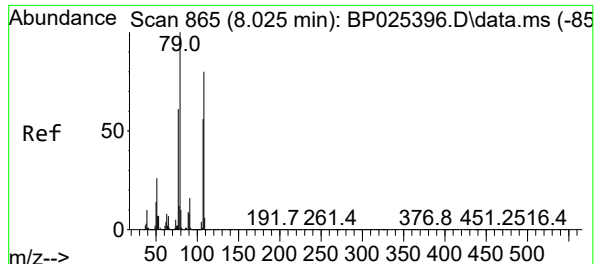
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 44.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 40.185 ng

RT: 8.007 min Scan# 80

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 319069

Ion Ratio Lower Upper

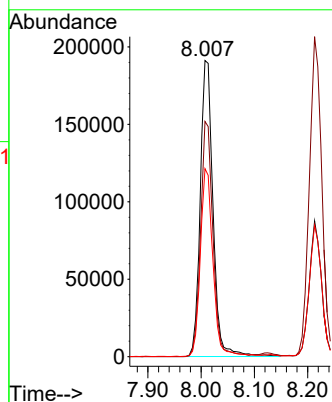
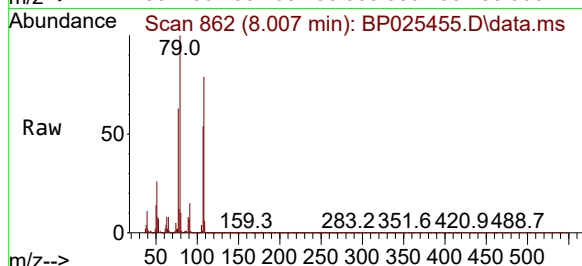
79 100

108 79.4 63.8 95.6

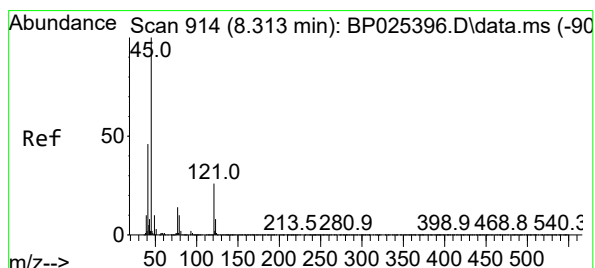
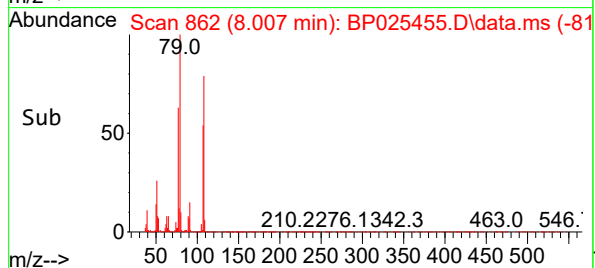
77 63.5 49.0 73.4

Manual Integrations

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Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.734 ng

RT: 8.295 min Scan# 911

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

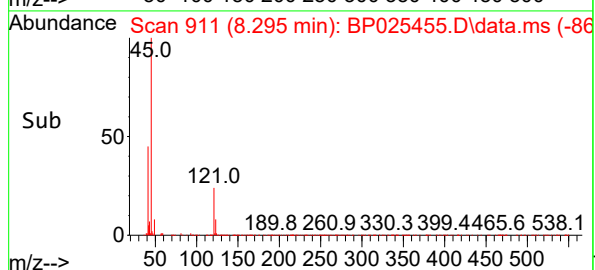
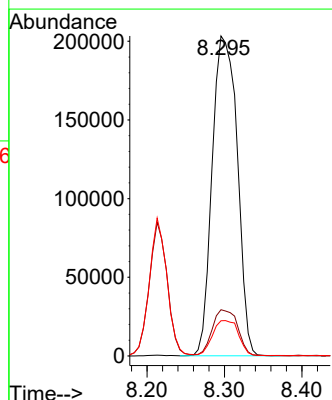
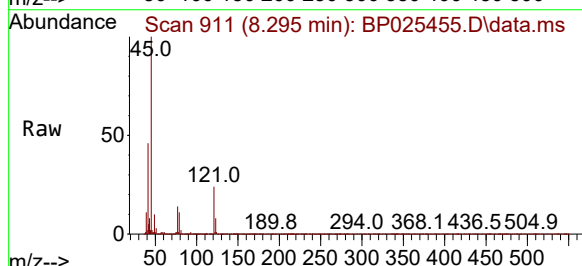
Tgt Ion: 45 Resp: 456910

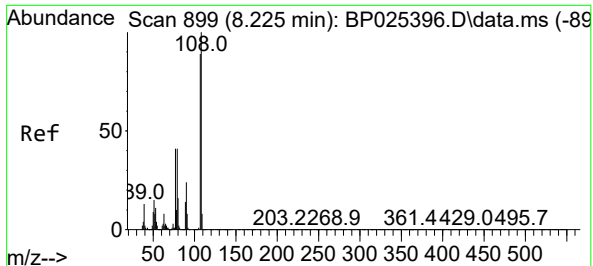
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.3

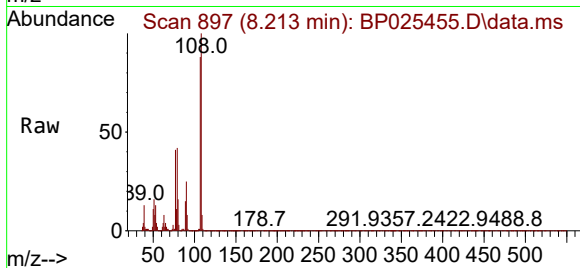
79 11.0 0.0 31.8





#17
2-Methylphenol
Concen: 40.981 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

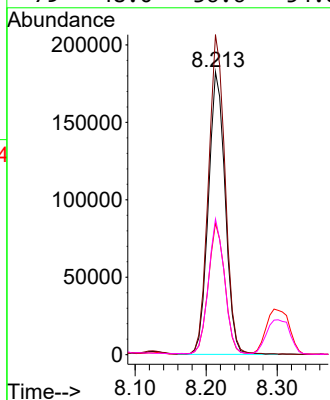
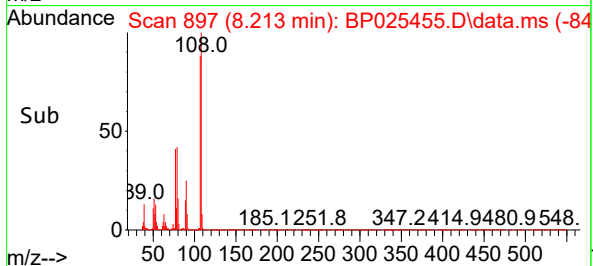
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 298449
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.0
77 46.5 36.3 54.5
79 48.0 36.6 54.8

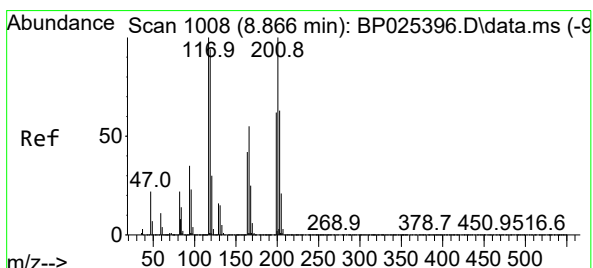
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



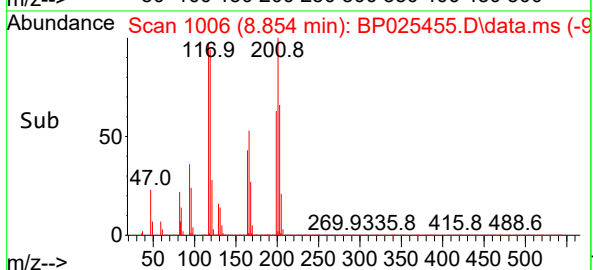
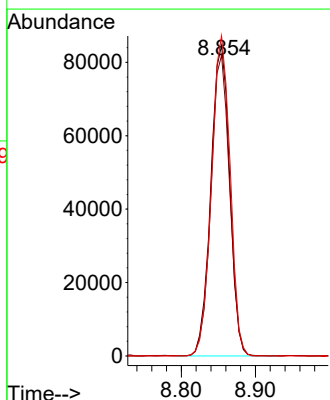
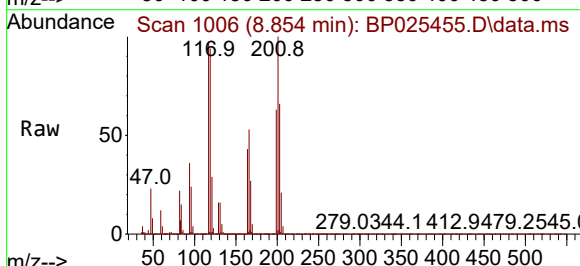
08/19/2025
Supervised By :Jagrut
Upadhyay

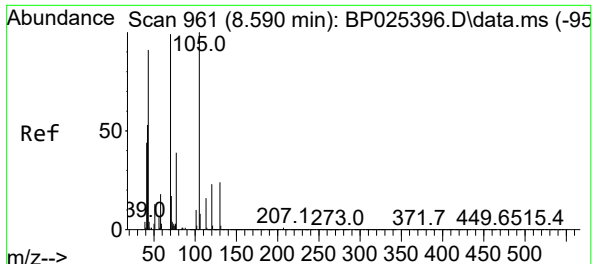
08/19/2025



#18
Hexachloroethane
Concen: 40.939 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:117 Resp: 149211
Ion Ratio Lower Upper
117 100
119 96.9 75.1 112.7
201 103.1 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.685 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025455.D

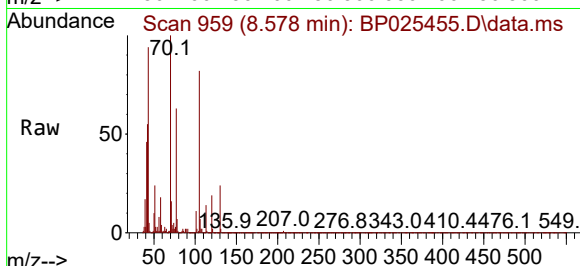
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 269300

Ion Ratio Lower Upper

70 100

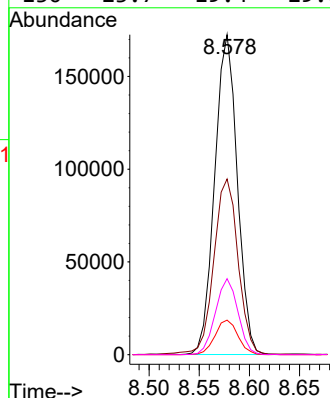
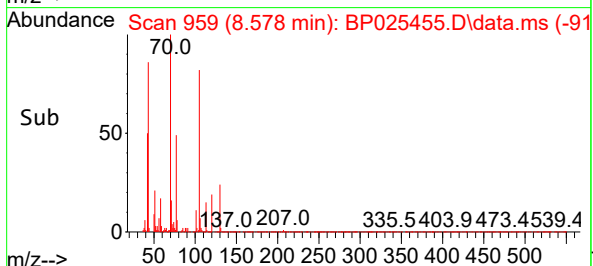
42 54.9 43.8 65.6

101 10.8 8.5 12.7

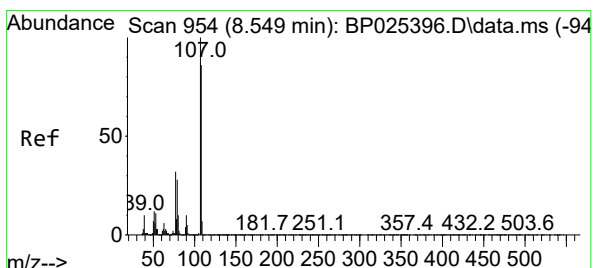
130 23.7 19.4 29.0

Manual Integrations

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Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

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#20

3+4-Methylphenols

Concen: 40.425 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Tgt Ion:107 Resp: 408076

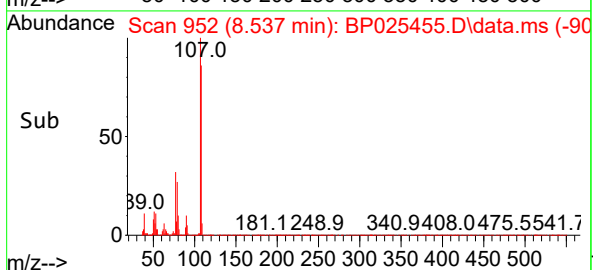
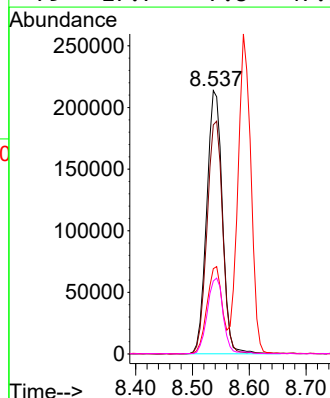
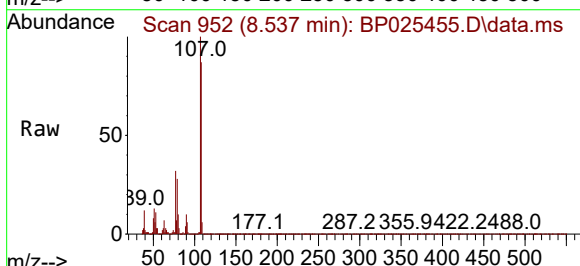
Ion Ratio Lower Upper

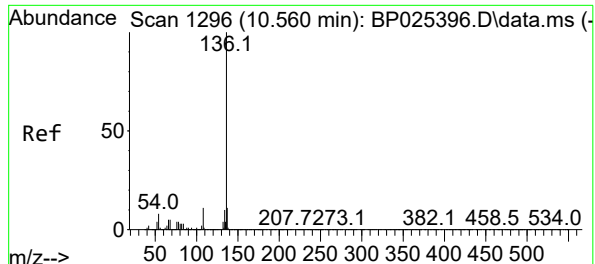
107 100

108 87.0 66.3 106.3

77 32.4 12.3 52.3

79 27.7 7.8 47.8





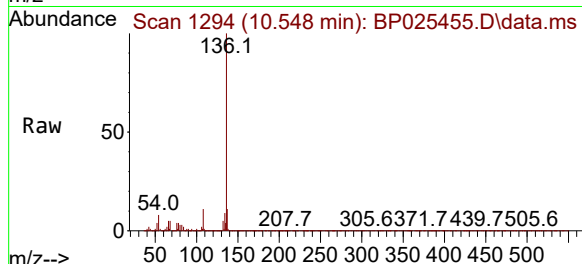
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

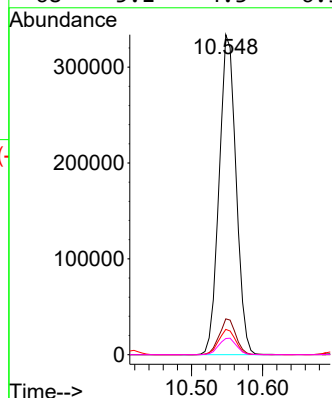
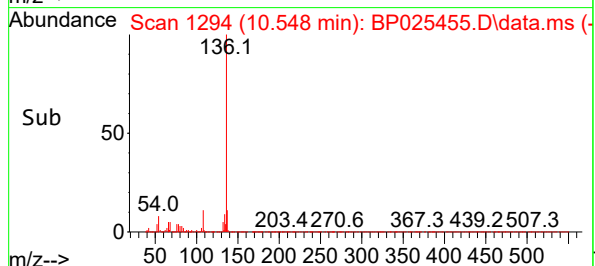
BNA_P

ClientSampleId :

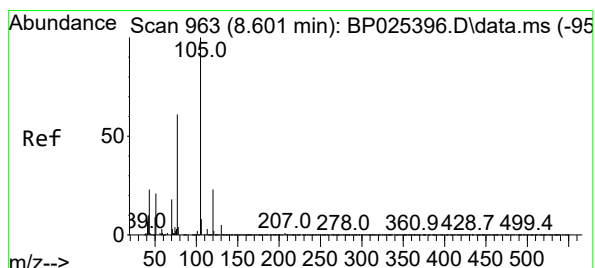
SSTDCCC040



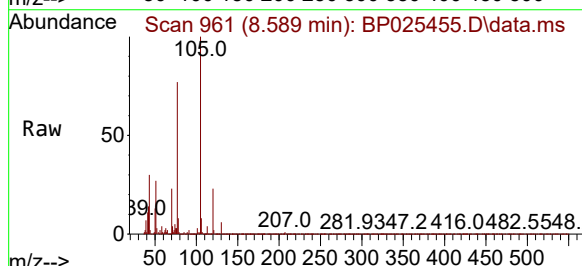
Tgt Ion:136 Resp: 550485
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.9 6.0 9.0
68 5.1 4.3 6.5

Manual Integrations
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Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

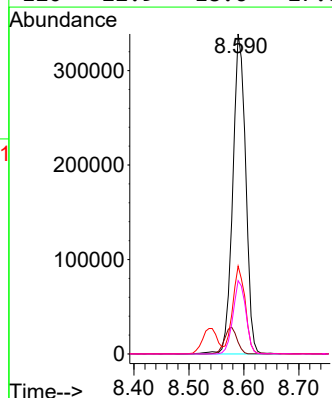
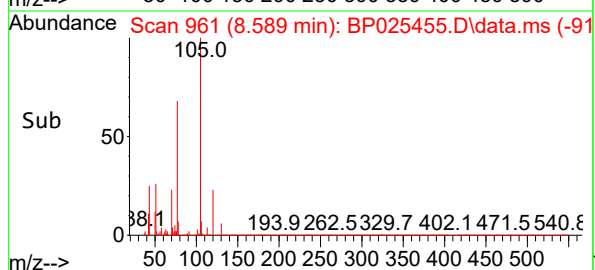
08/19/2025

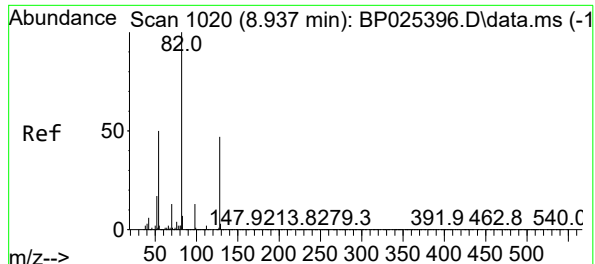


#22
Acetophenone
Concen: 39.923 ng
RT: 8.589 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:105 Resp: 551135
Ion Ratio Lower Upper
105 100
71 3.7 2.6 4.0
51 27.5 20.6 30.8
120 22.9 18.6 27.8





#23

Nitrobenzene-d5

Concen: 80.567 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025455.D

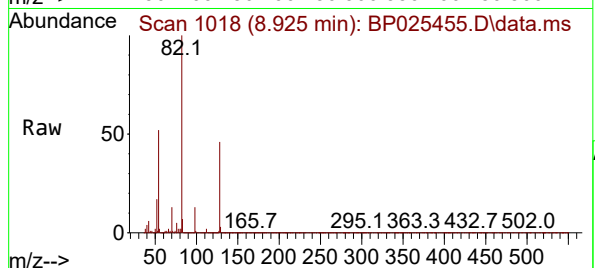
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 876750

Ion Ratio Lower Upper

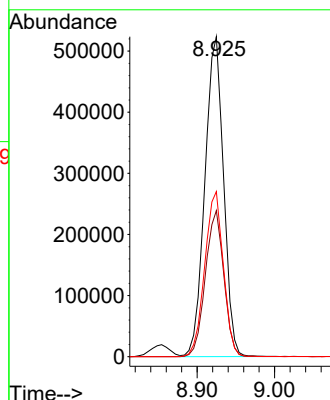
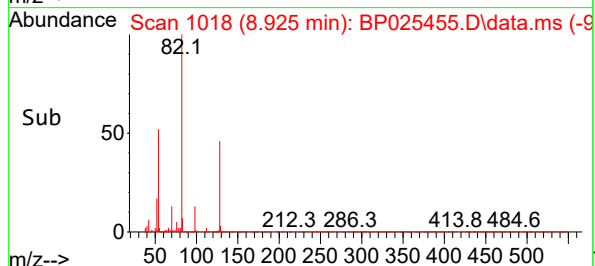
82 100

128 45.6 37.7 56.5

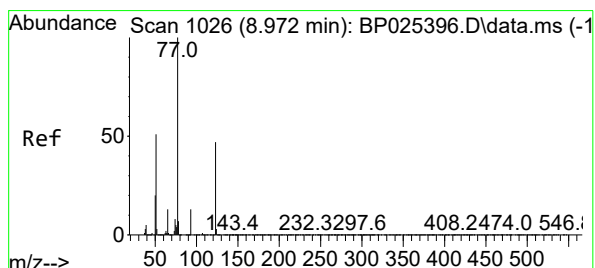
54 51.6 39.8 59.6

Manual Integrations

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Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

08/19/2025



#24

Nitrobenzene

Concen: 40.447 ng

RT: 8.960 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

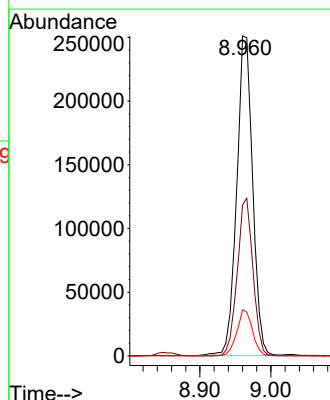
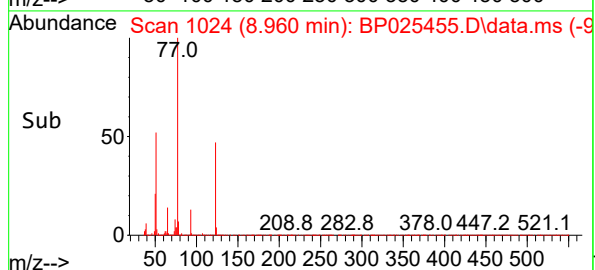
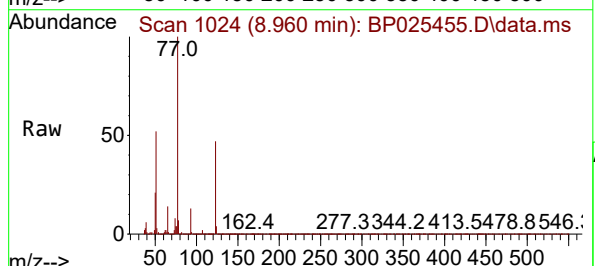
Tgt Ion: 77 Resp: 393372

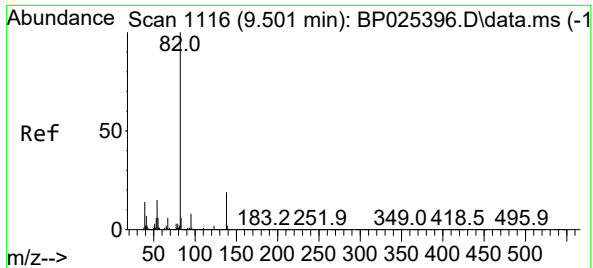
Ion Ratio Lower Upper

77 100

123 47.3 38.6 58.0

65 14.5 10.6 15.8





#25

Isophorone

Concen: 39.163 ng

RT: 9.484 min Scan# 1113

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

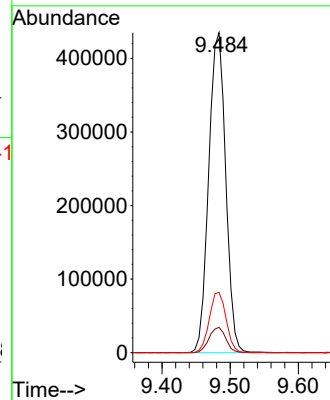
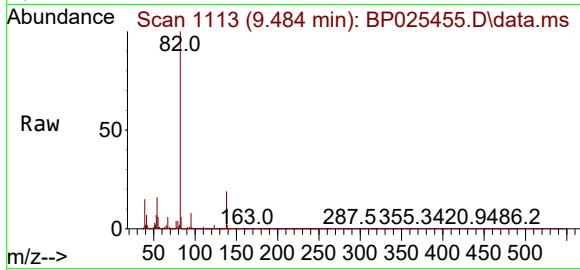
Instrument :

BNA_P

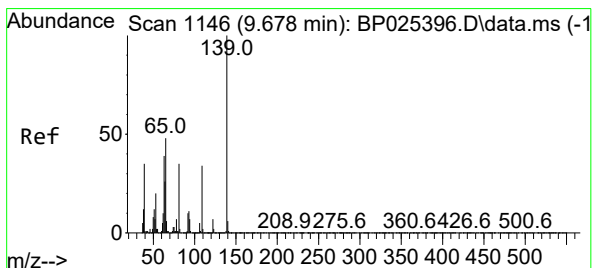
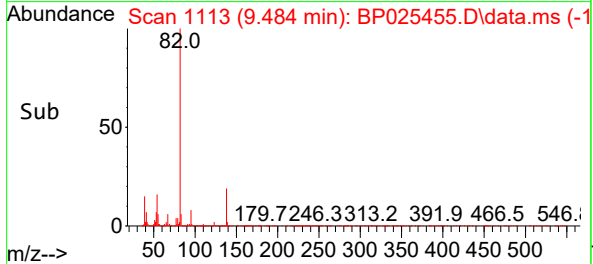
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	754224
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	18.8	15.4	23.0

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

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#26

2-Nitrophenol

Concen: 40.406 ng

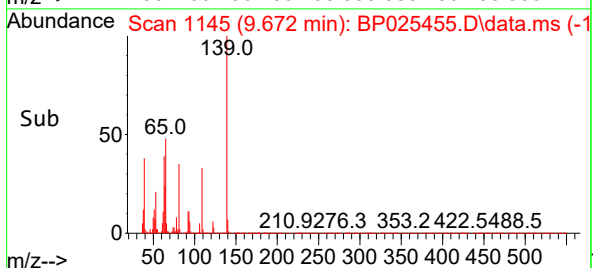
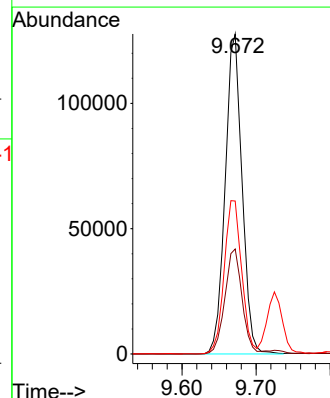
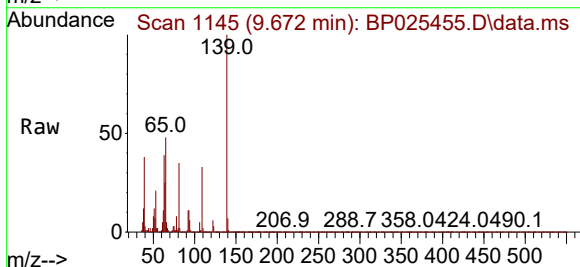
RT: 9.672 min Scan# 1145

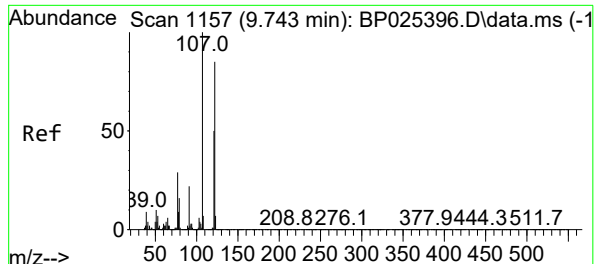
Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Tgt Ion:	139	Resp:	201676
Ion Ratio	Lower	Upper	
139	100		
109	32.8	26.9	40.3
65	47.8	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 39.471 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 33880

Ion Ratio Lower Upper

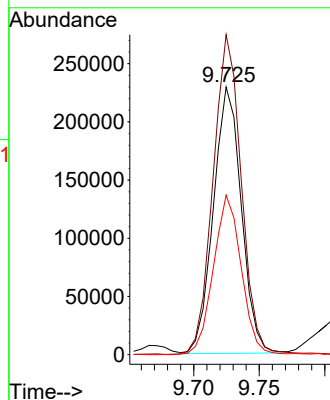
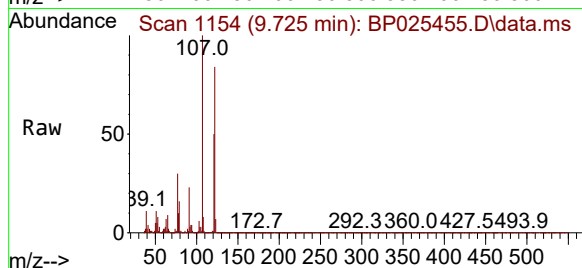
122 100

107 119.5 93.7 140.5

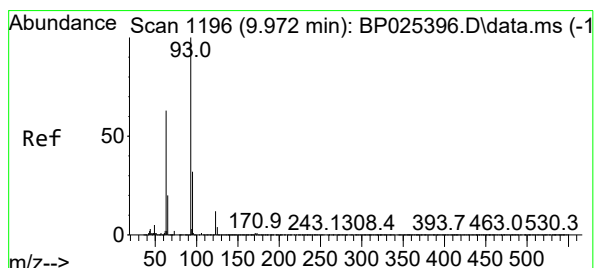
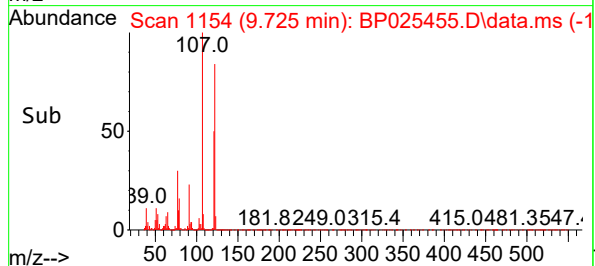
121 59.6 46.6 69.8

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Supervised By :Jagrut
Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 40.173 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

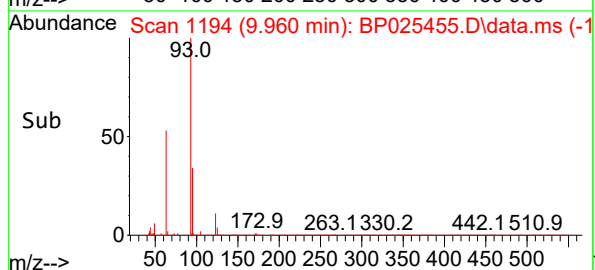
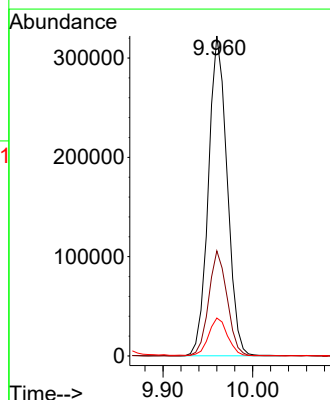
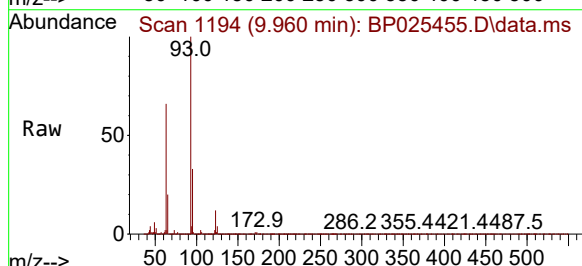
Tgt Ion: 93 Resp: 467674

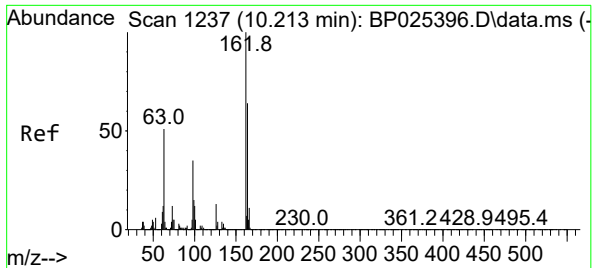
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

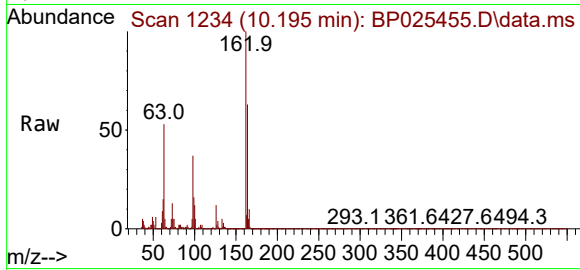
123 11.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 40.902 ng
RT: 10.195 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

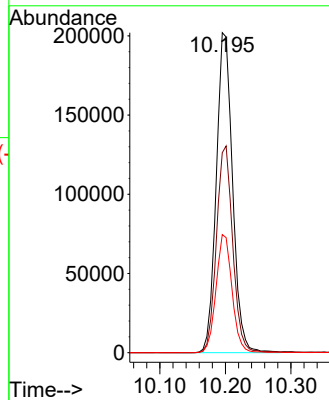
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 348762
Ion Ratio Lower Upper
162 100
164 62.5 44.4 84.4
98 36.9 14.9 54.9

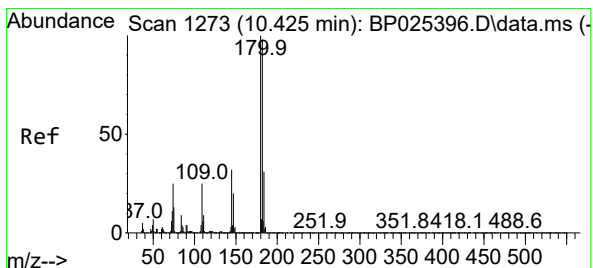
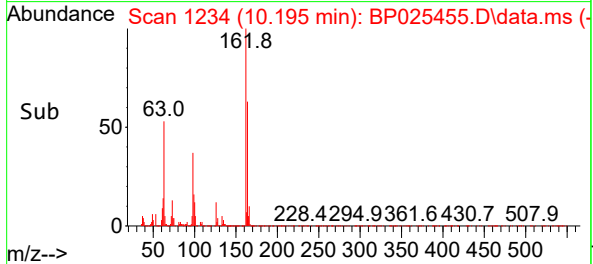
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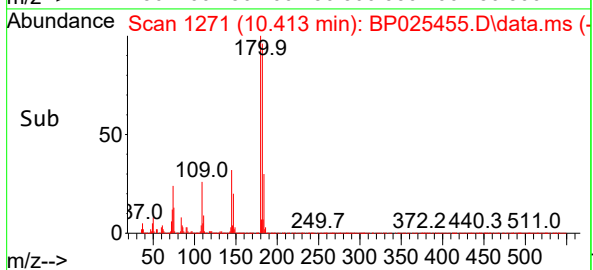
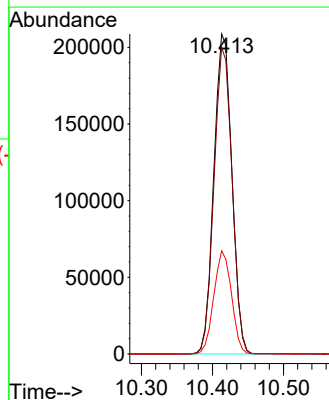
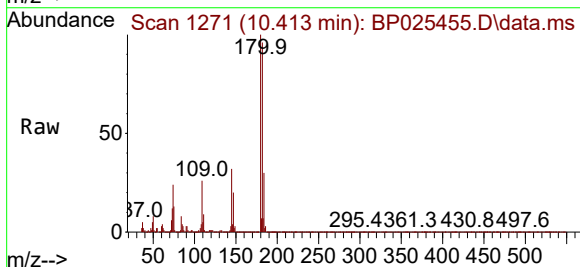
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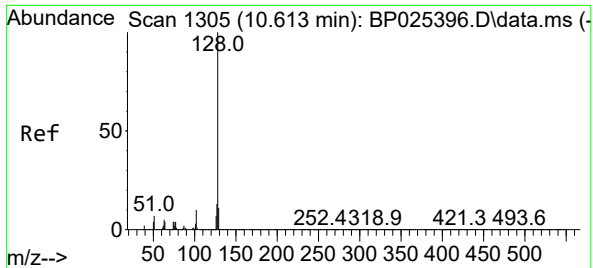
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#30
1,2,4-Trichlorobenzene
Concen: 39.301 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:180 Resp: 367355
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 32.3 25.9 38.9





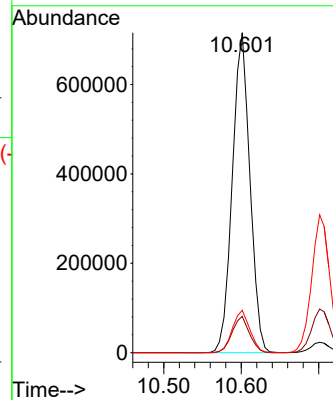
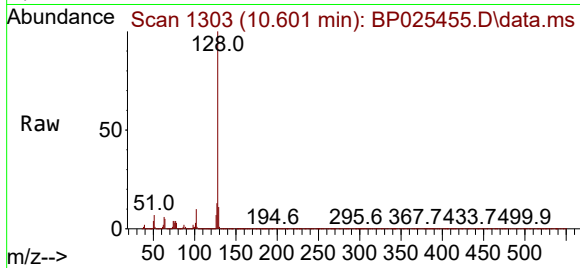
#31
Naphthalene
Concen: 39.499 ng
RT: 10.601 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1130138
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.7 16.1

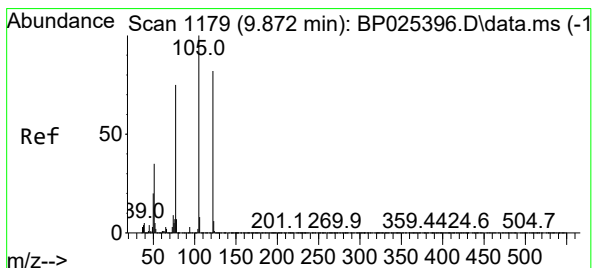
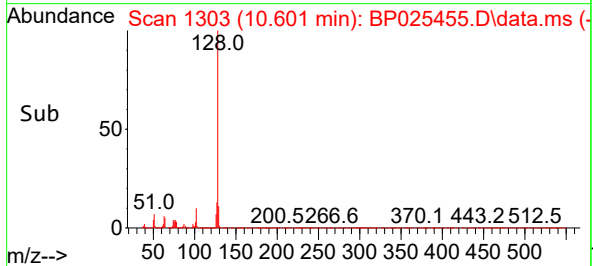
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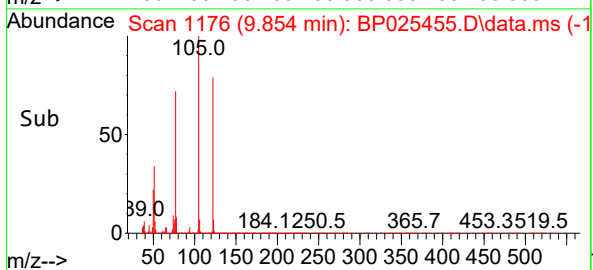
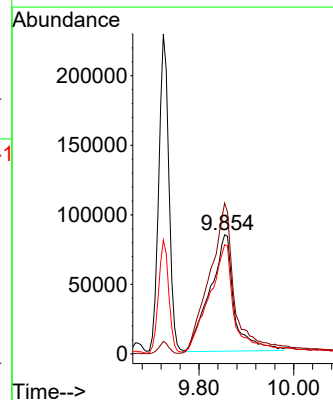
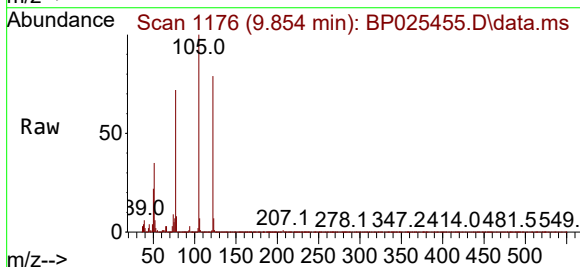
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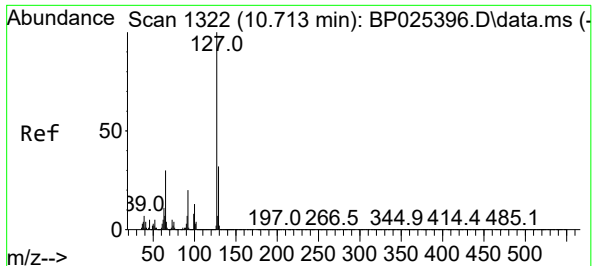
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#32
Benzoic acid
Concen: 47.454 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:122 Resp: 300714
Ion Ratio Lower Upper
122 100
105 126.4 100.6 140.6
77 91.6 71.5 111.5





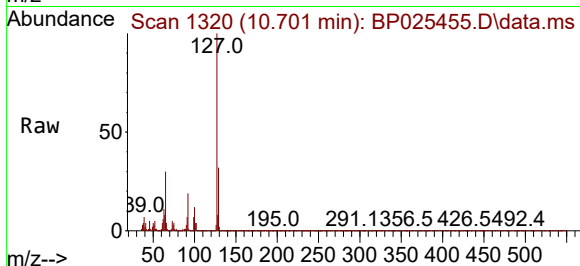
#33
4-Chloroaniline
Concen: 39.898 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

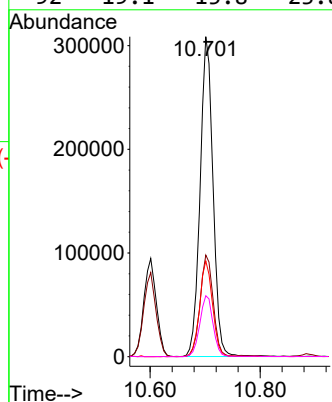
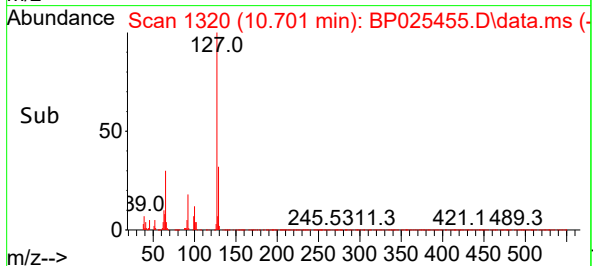
BNA_P

ClientSampleId :

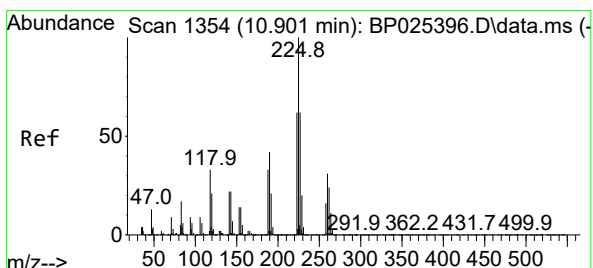
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Tgt Ion:127 Resp: 504240
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 29.9 23.8 35.6
92 19.1 15.8 23.8

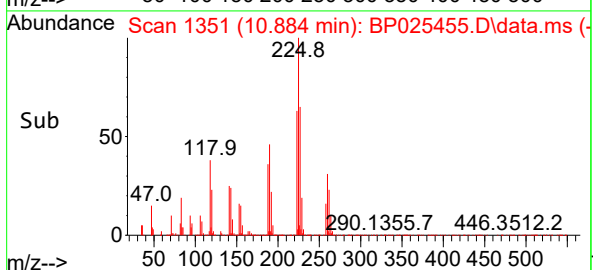
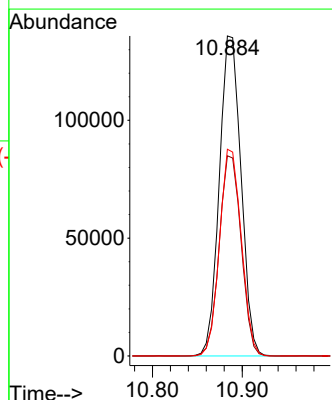
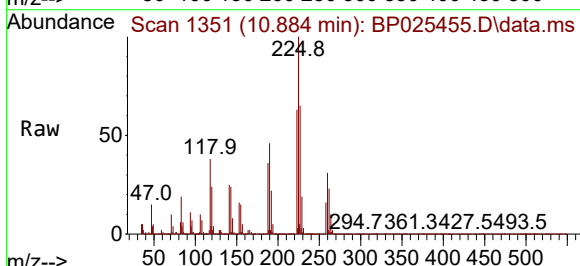
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Supervised By :Jagrut
Upadhyay

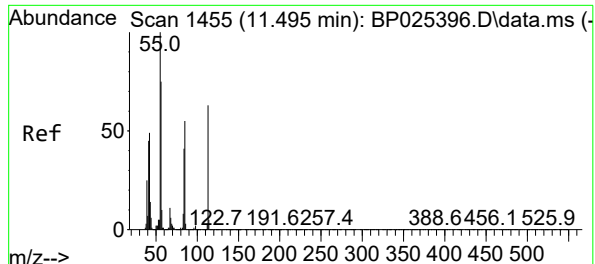
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#34
Hexachlorobutadiene
Concen: 39.190 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:225 Resp: 228134
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 64.6 49.7 74.5





#35

Caprolactam

Concen: 39.821 ng

RT: 11.489 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BP025455.D

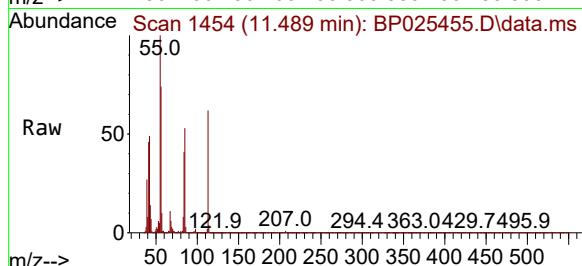
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 124504

Ion Ratio Lower Upper

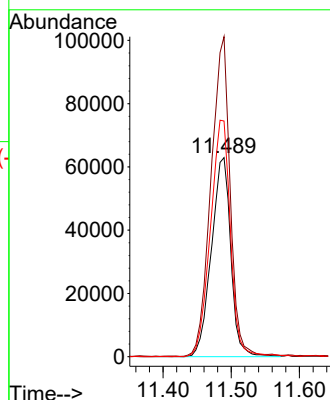
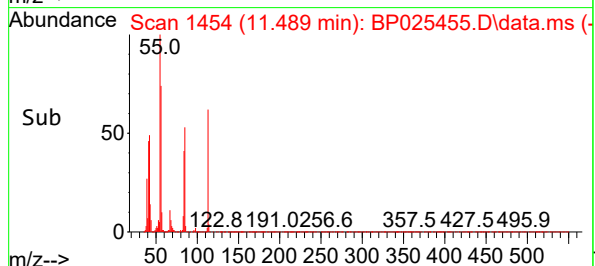
113 100

55 160.7 140.0 180.0

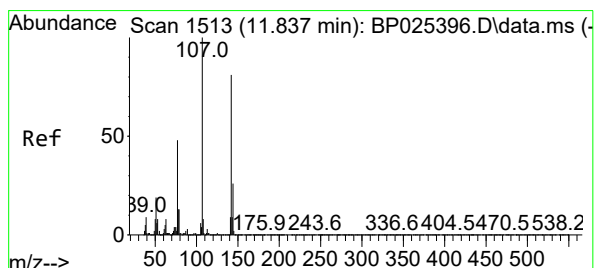
56 118.4 100.0 140.0

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#36

4-Chloro-3-methylphenol

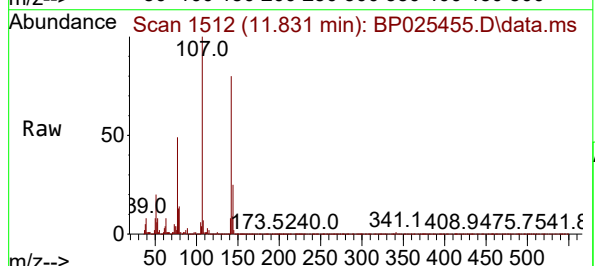
Concen: 40.814 ng

RT: 11.831 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39



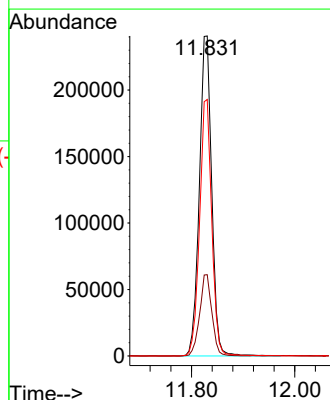
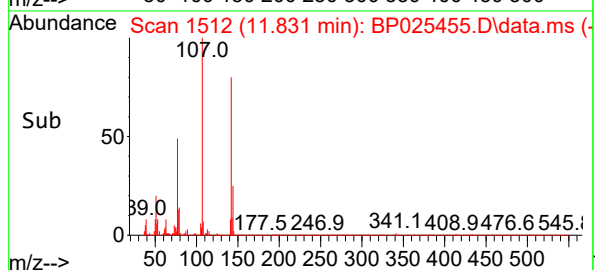
Tgt Ion:107 Resp: 399336

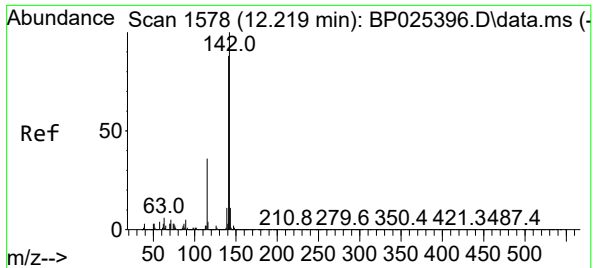
Ion Ratio Lower Upper

107 100

144 25.4 21.0 31.4

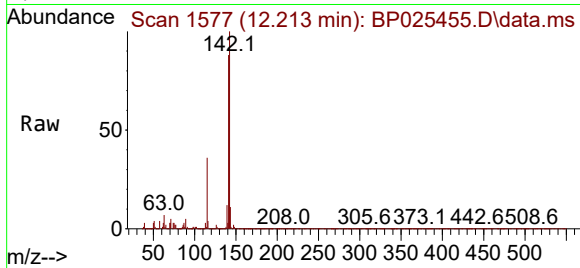
142 80.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 39.503 ng
RT: 12.213 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

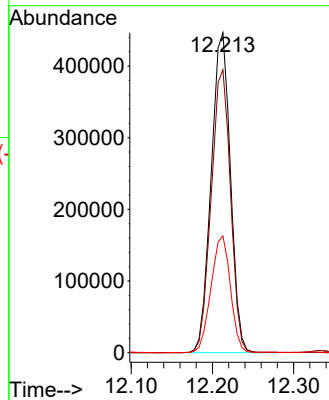
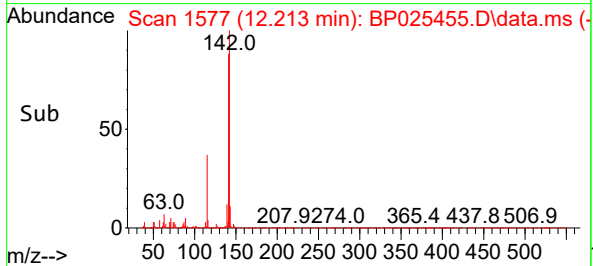
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 735528
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 36.5 28.9 43.3

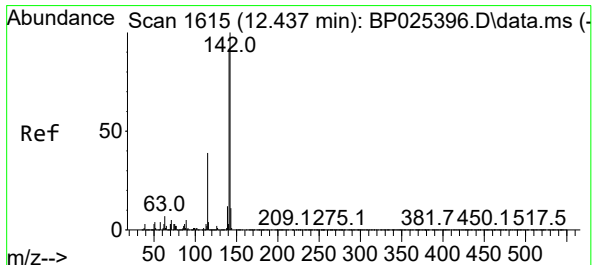
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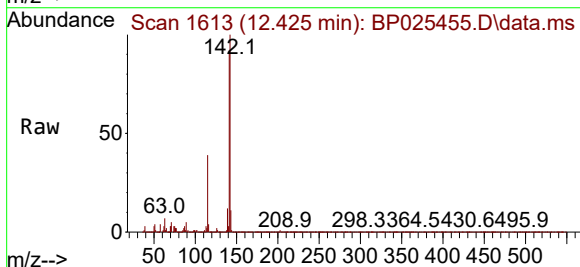


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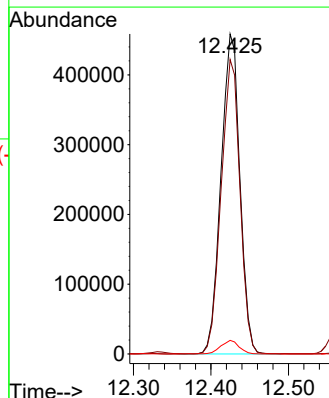
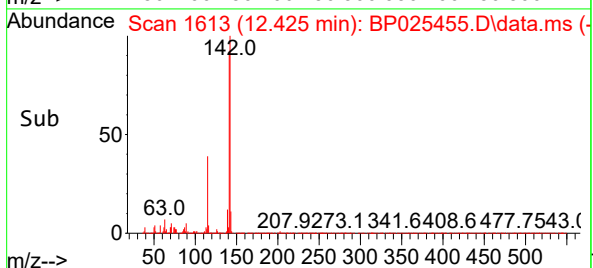
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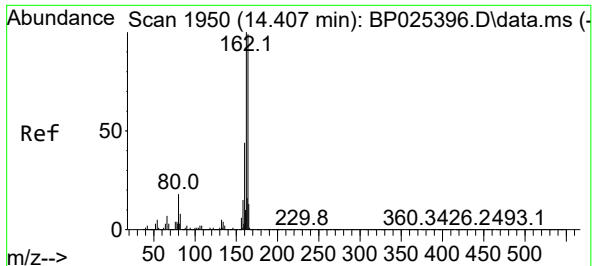


#38
1-Methylnaphthalene
Concen: 39.288 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:142 Resp: 777947
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.3 3.2 4.8





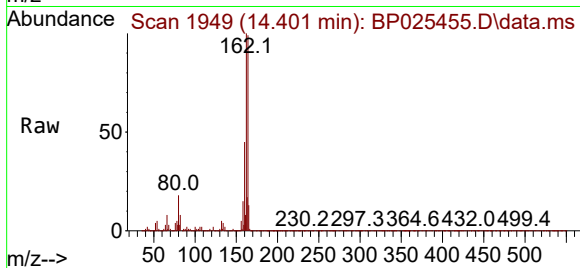
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

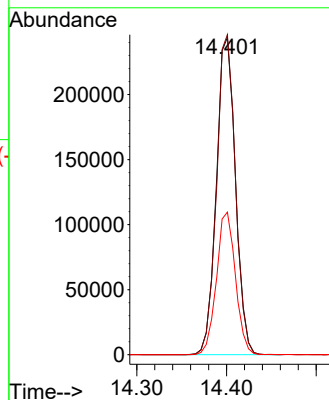
SSTDCCC040



Tgt Ion:164 Resp: 35998
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 45.0 35.4 53.2

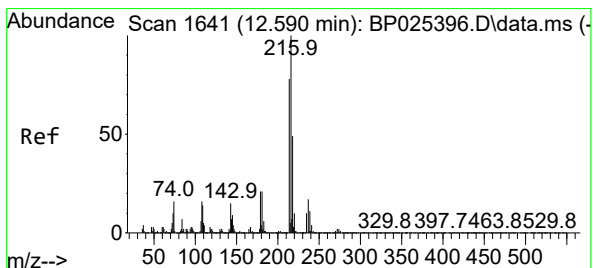
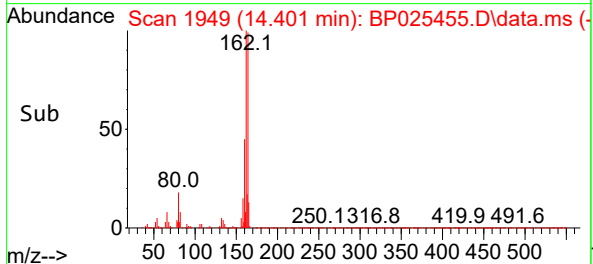
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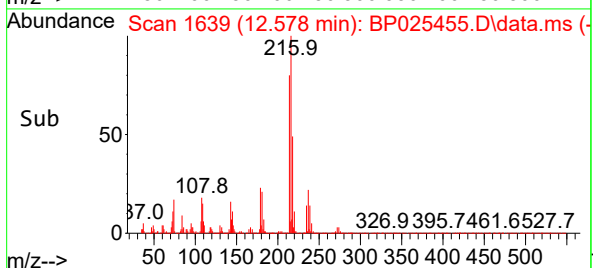
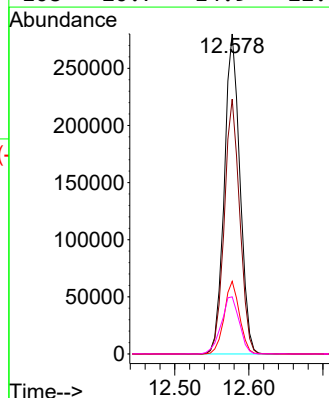
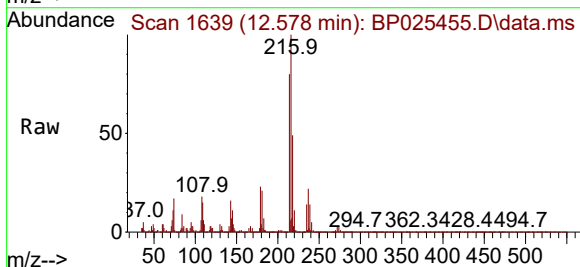
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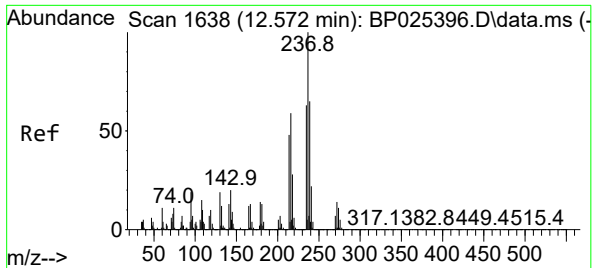
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.424 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

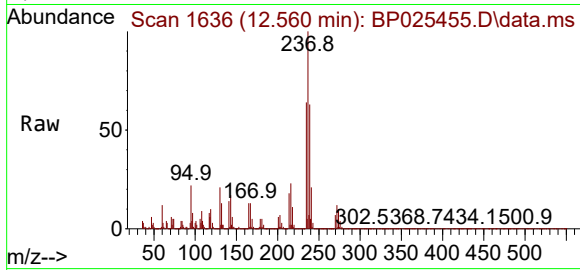
Tgt Ion:216 Resp: 409880
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 22.3 17.1 25.7
108 20.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 54.895 ng
RT: 12.560 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

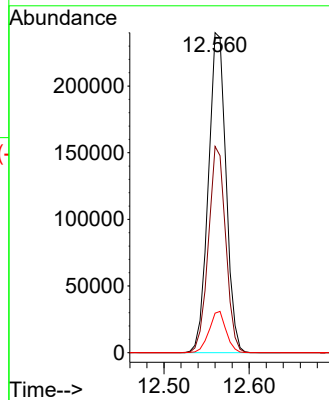
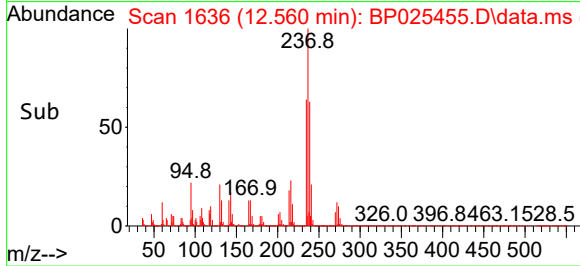
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 34474
Ion Ratio Lower Upper
237 100
235 64.5 42.7 82.7
272 12.4 0.0 34.0

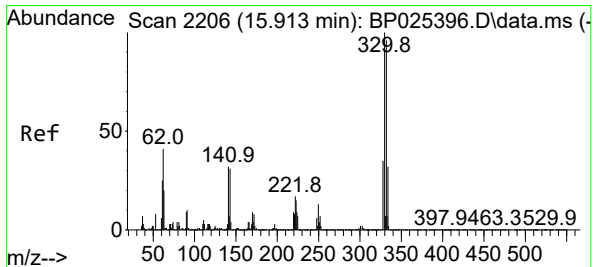
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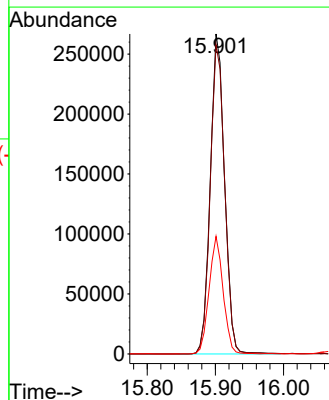
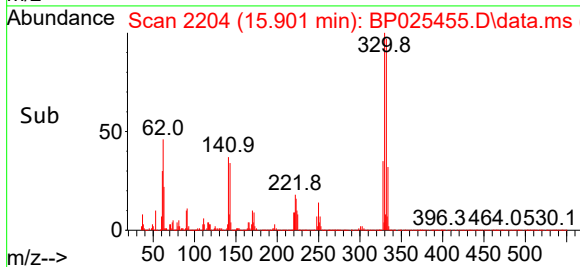
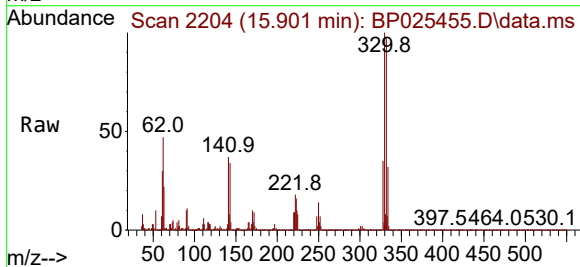
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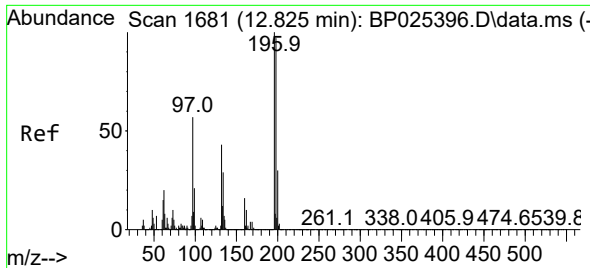
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#42
2,4,6-Tribromophenol
Concen: 80.248 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

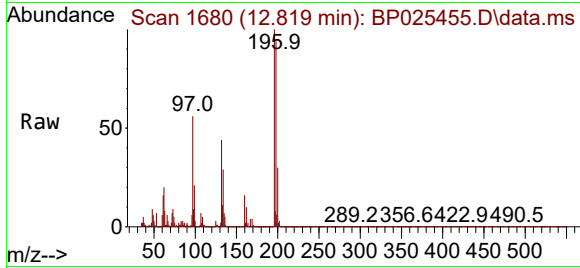
Tgt Ion: 330 Resp: 388835
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 36.2 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 41.762 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

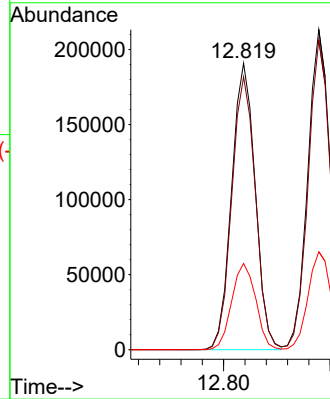
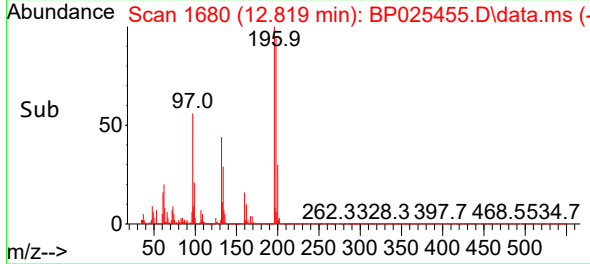
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 293120
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
200 30.1 23.9 35.9

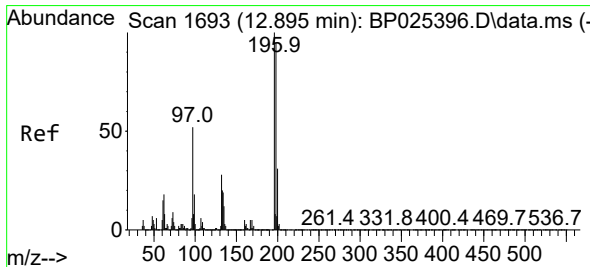
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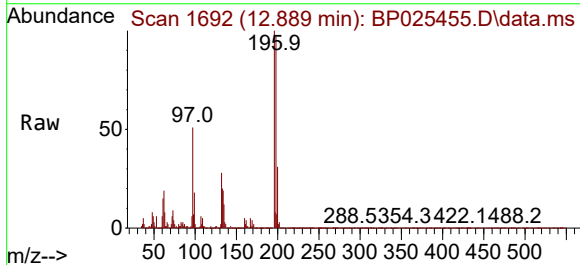


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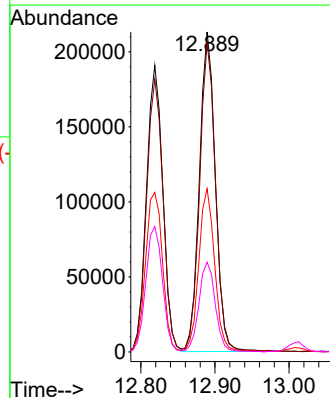
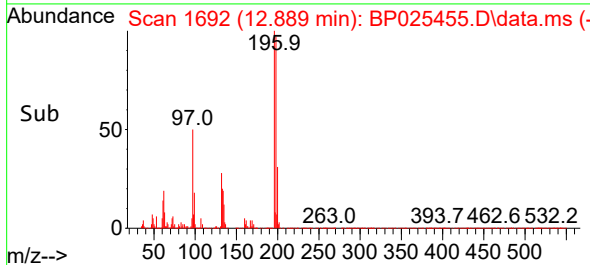
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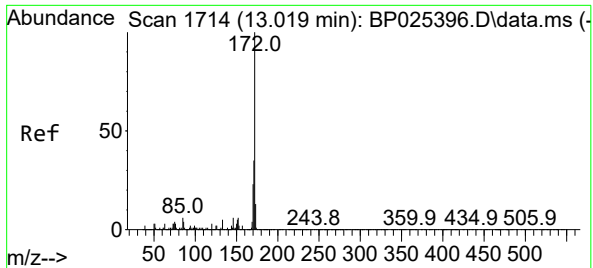


#44
2,4,5-Trichlorophenol
Concen: 41.507 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



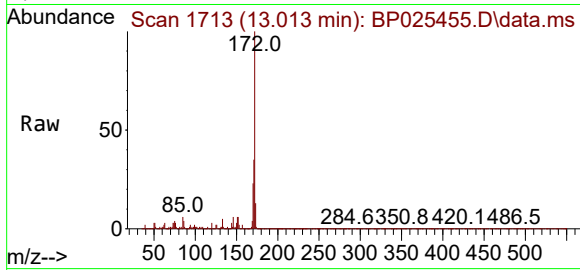
Tgt Ion:196 Resp: 319297
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.2
97 51.0 41.2 61.8
132 28.1 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 78.546 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

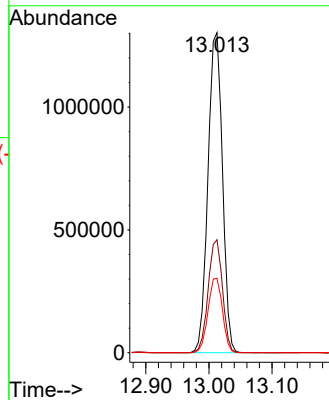
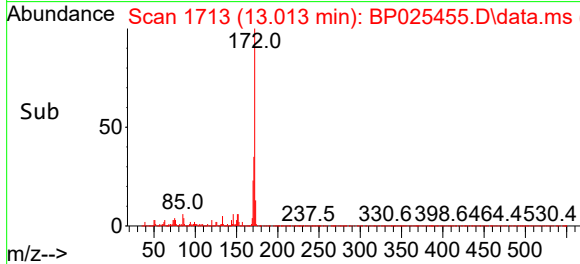
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 2068879
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.3 18.6 28.0

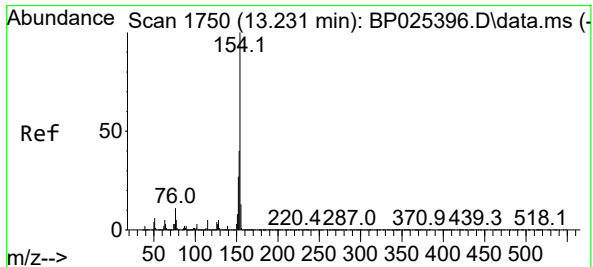
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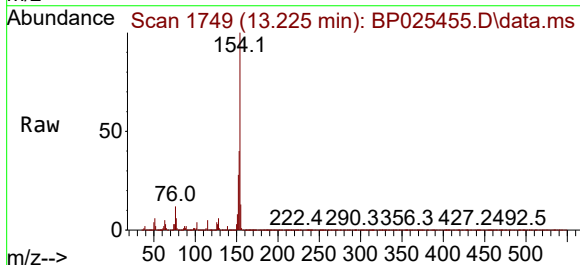


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Upadhyay

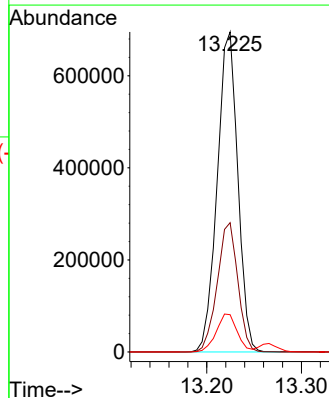
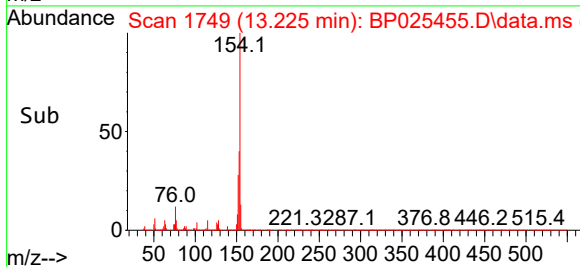
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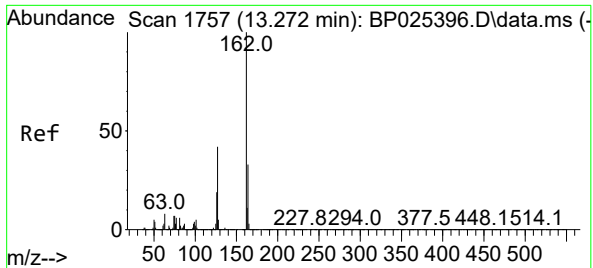


#46
1,1'-Biphenyl
Concen: 40.137 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:154 Resp: 1049348
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.638 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 806752

Ion Ratio Lower Upper

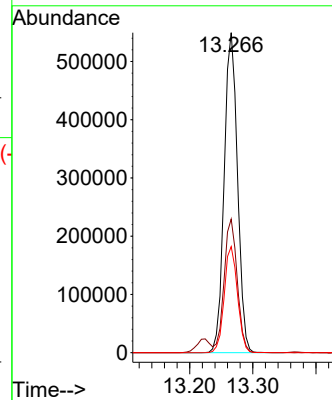
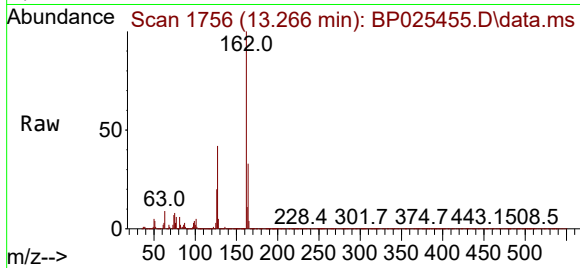
162 100

127 41.8 33.4 50.2

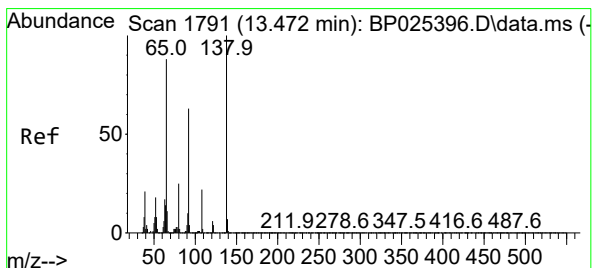
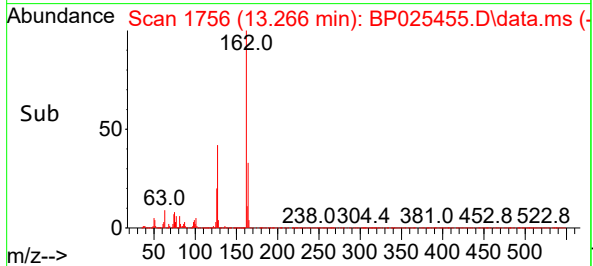
164 33.2 26.2 39.2

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#48

2-Nitroaniline

Concen: 42.761 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

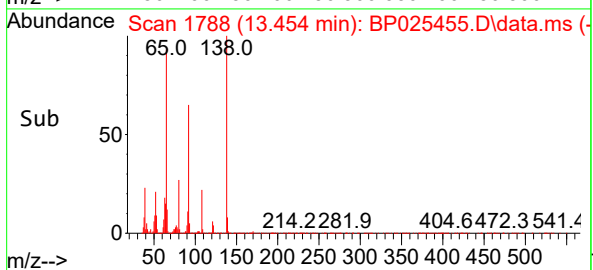
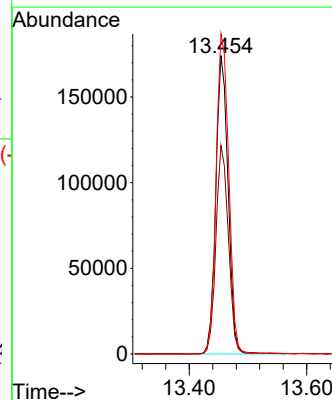
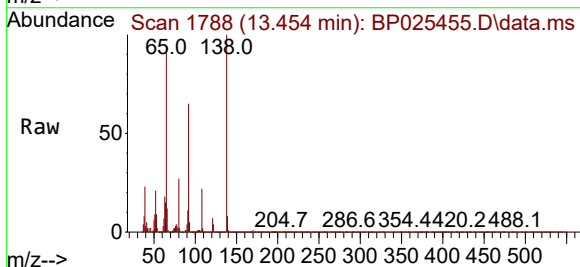
Tgt Ion: 65 Resp: 253588

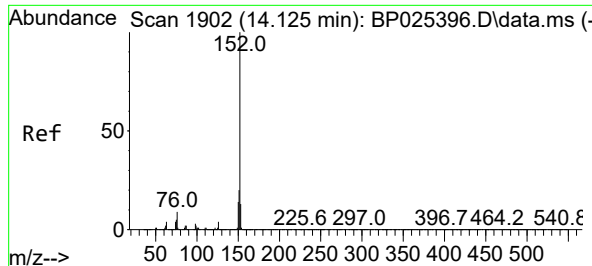
Ion Ratio Lower Upper

65 100

92 69.9 57.6 86.4

138 107.2 91.0 136.6





#49

Acenaphthylene

Concen: 39.870 ng

RT: 14.113 min Scan# 1902

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1342750

Ion Ratio Lower Upper

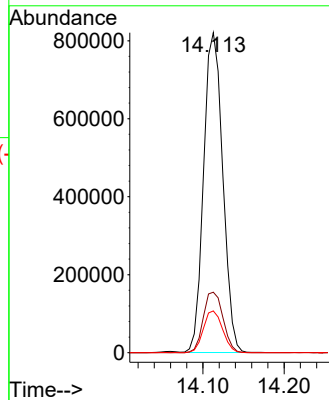
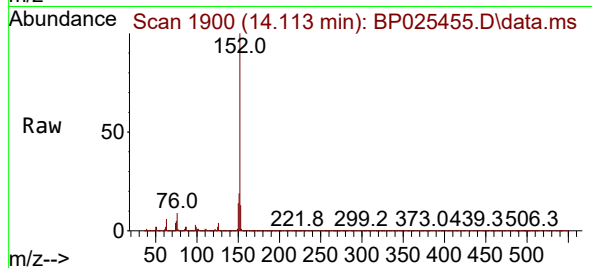
152 100

151 18.9 16.0 24.0

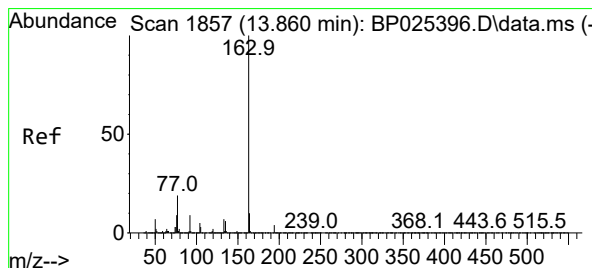
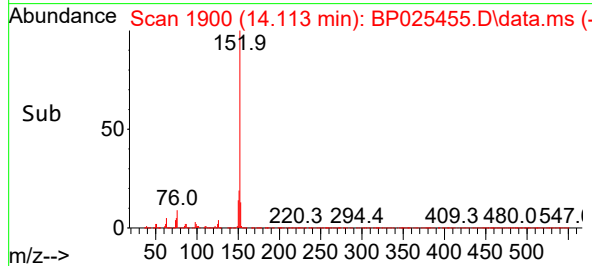
153 13.0 10.6 15.8

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#50

Dimethylphthalate

Concen: 39.777 ng

RT: 13.848 min Scan# 1855

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

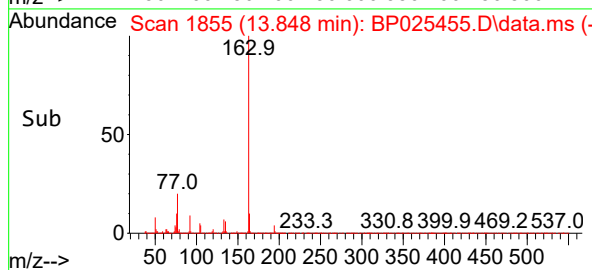
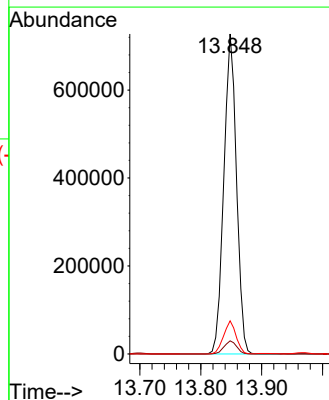
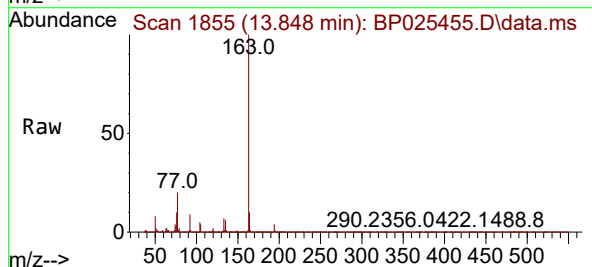
Tgt Ion:163 Resp: 1048563

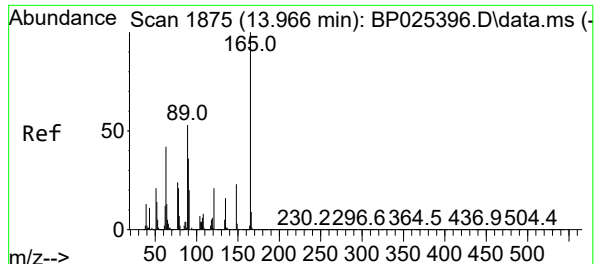
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

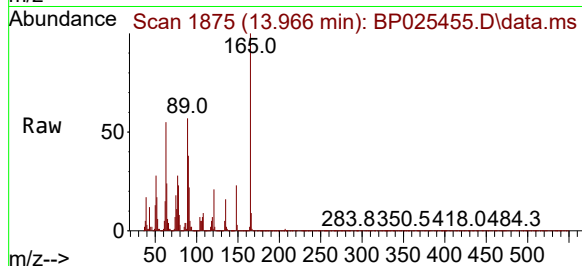
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.304 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

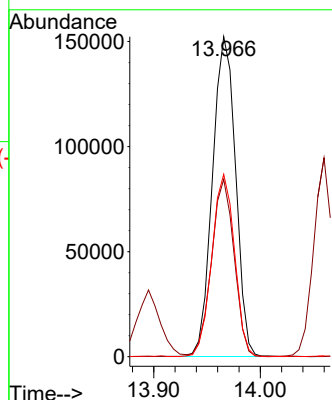
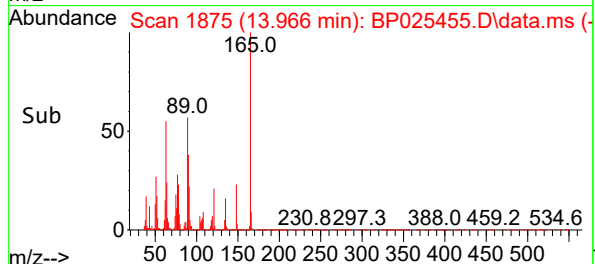
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 22949
Ion Ratio Lower Upper
165 100
63 55.4 40.9 61.3
89 57.0 42.1 63.1

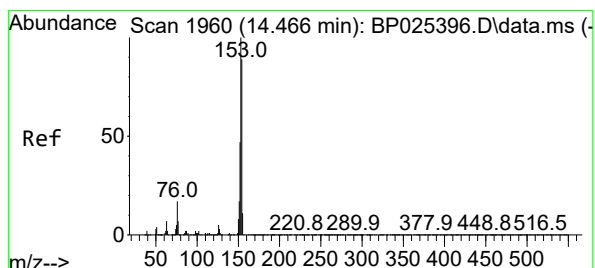
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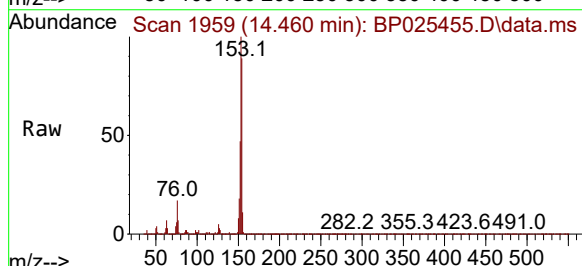


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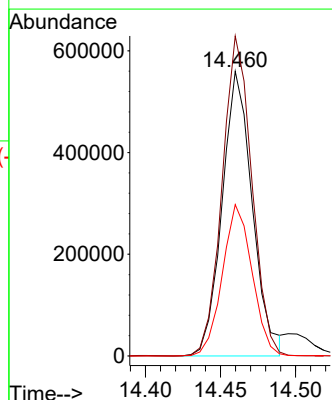
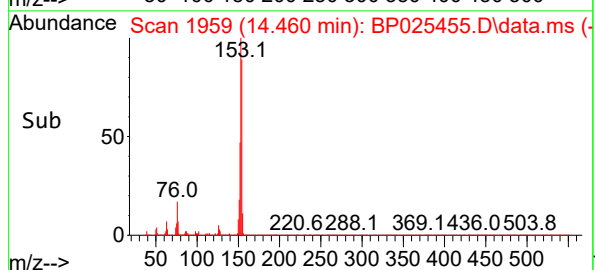
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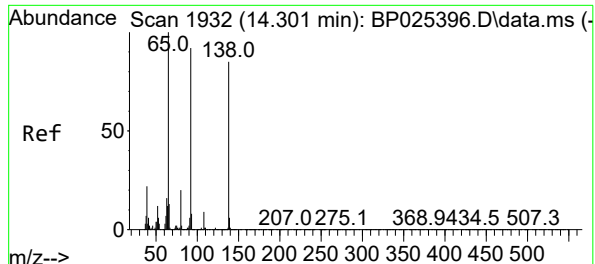


#52
Acenaphthene
Concen: 39.632 ng m
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



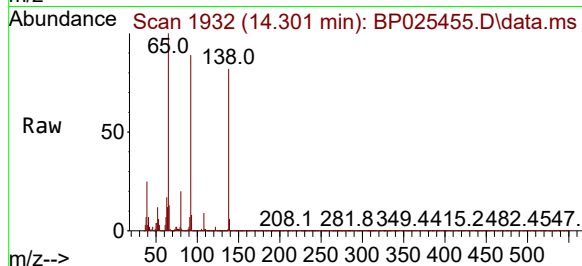
Tgt Ion:154 Resp: 783467
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 41.176 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

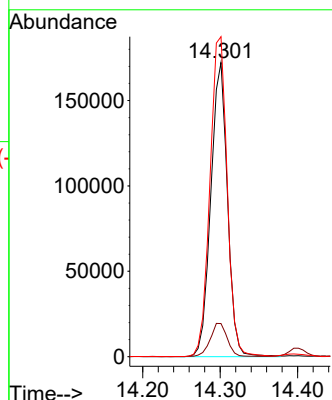
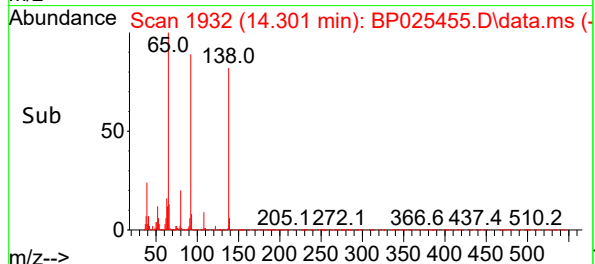
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 257397
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 108.8 86.2 129.2

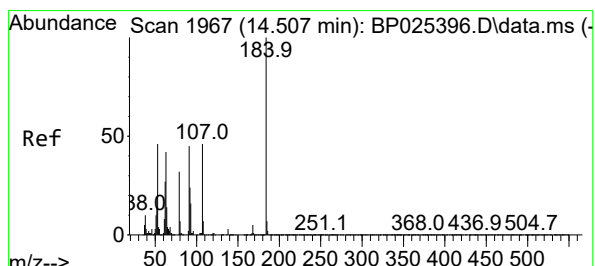
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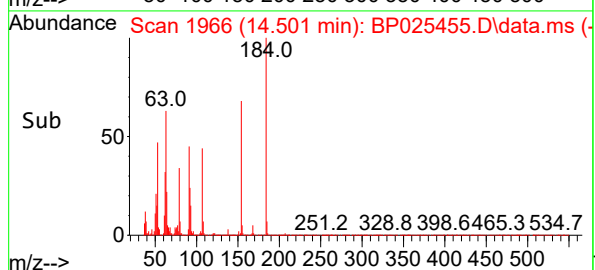
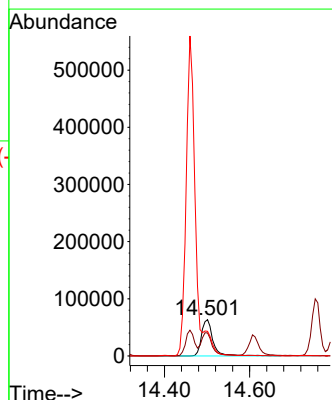
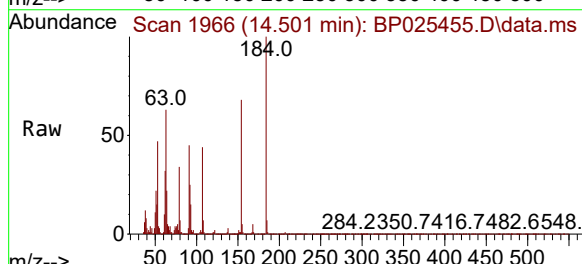
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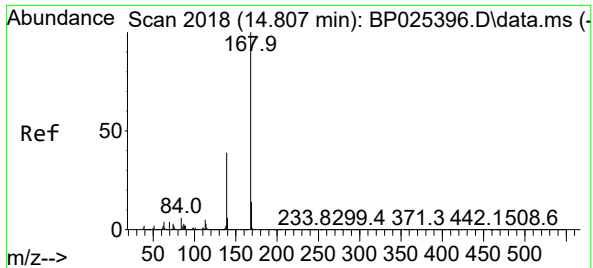
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#54
2,4-Dinitrophenol
Concen: 40.428 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

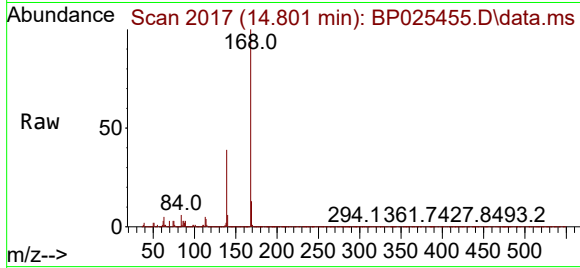
Tgt Ion:184 Resp: 119955
Ion Ratio Lower Upper
184 100
63 63.3 49.4 74.2
154 67.6 54.6 82.0





#55
Dibenzenofuran
Concen: 39.550 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

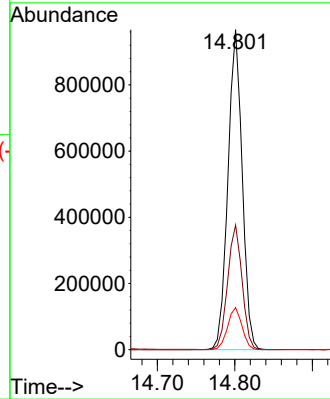
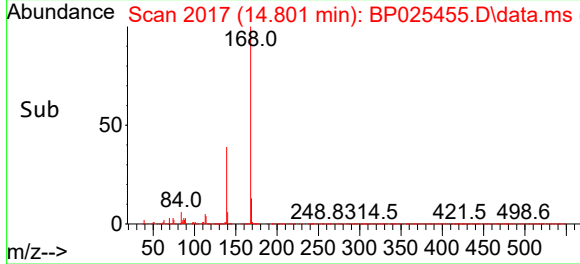
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 123609
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.2 10.9 16.3

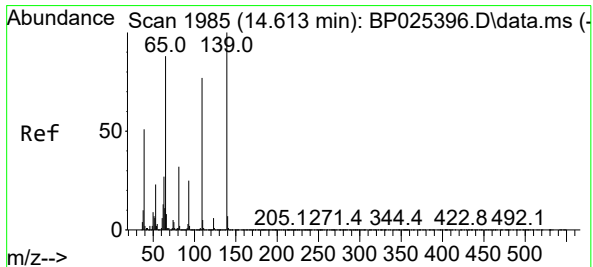
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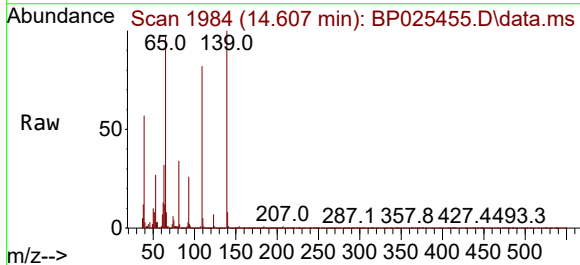


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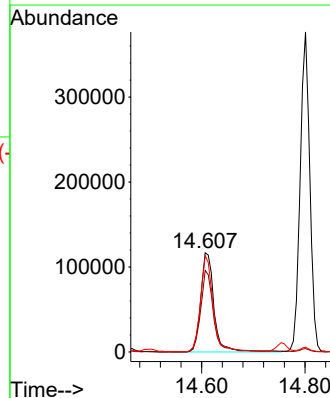
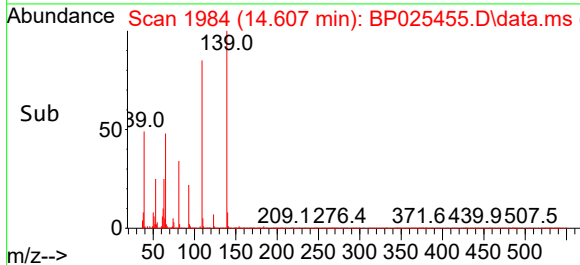
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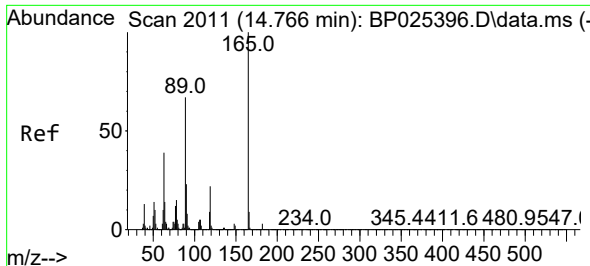


#56
4-Nitrophenol
Concen: 40.596 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



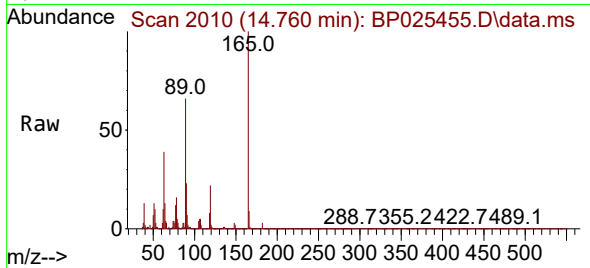
Tgt Ion:139 Resp: 208534
Ion Ratio Lower Upper
139 100
109 82.1 56.6 96.6
65 97.0 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

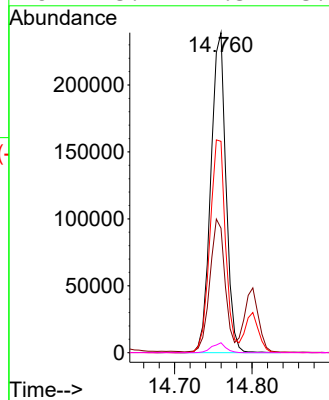
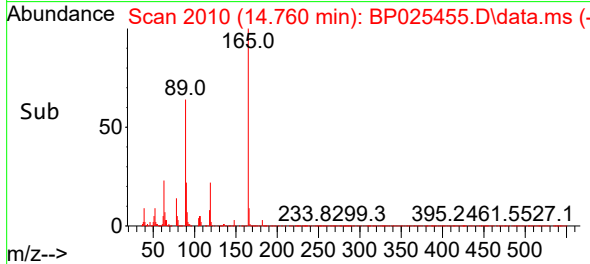
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 323980
Ion Ratio Lower Upper
165 100
63 38.9 31.4 47.2
89 66.0 53.3 79.9
182 3.1 2.3 3.5

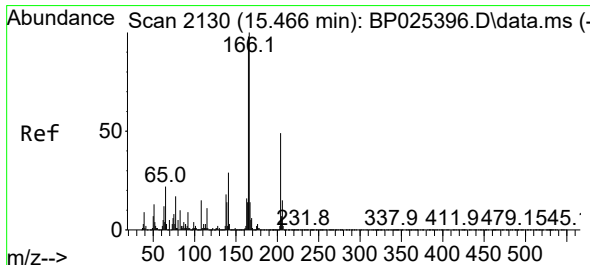
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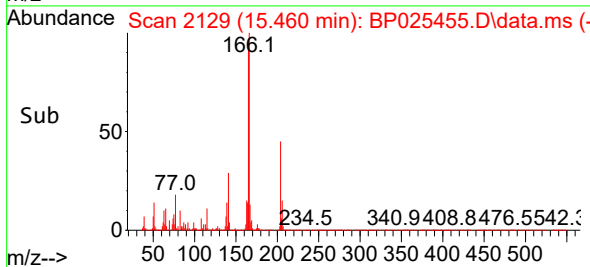
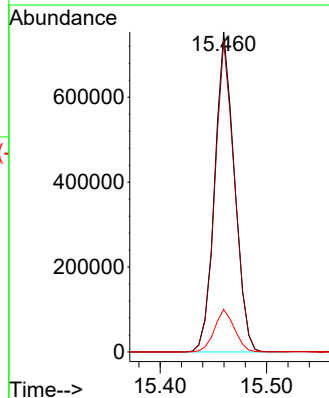
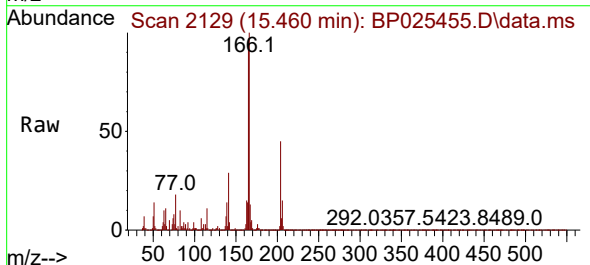
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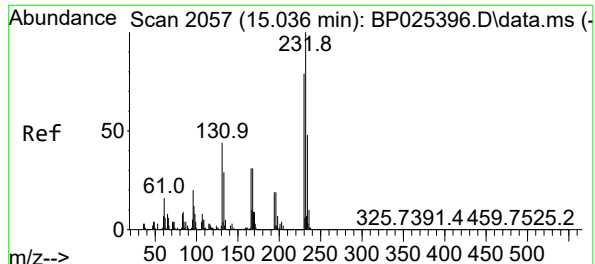
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#58
Fluorene
Concen: 39.335 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

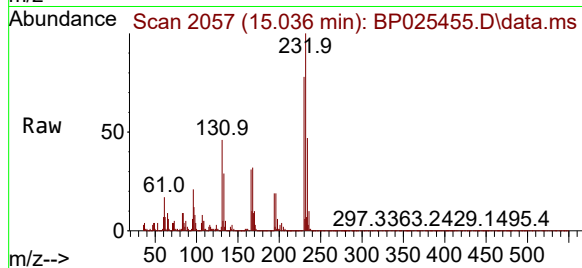
Tgt Ion:166 Resp: 970073
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.840 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

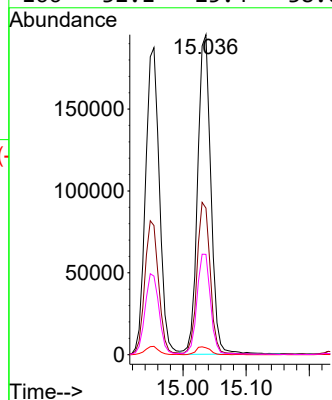
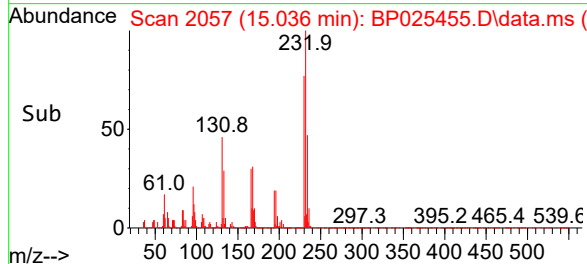
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 284190
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.6
130 2.7 1.9 2.9
166 32.1 25.4 38.0

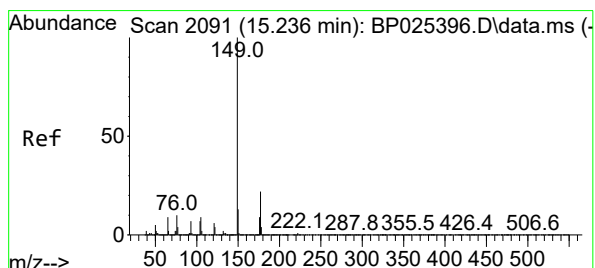
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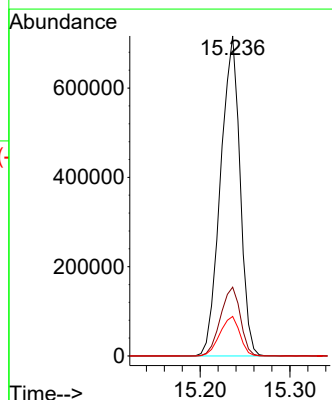
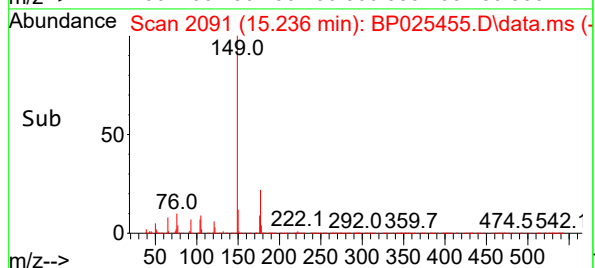
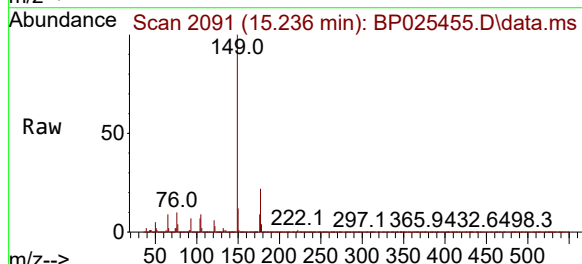
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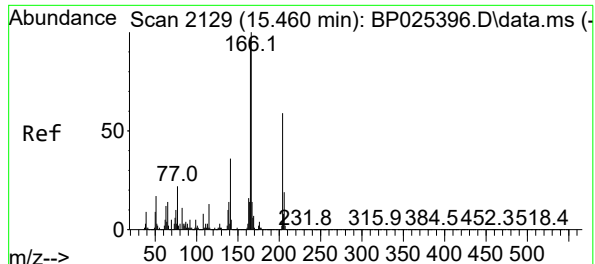
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#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.236 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

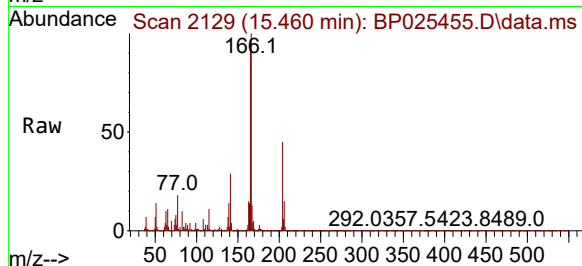
Tgt Ion:149 Resp: 1079798
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.912 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

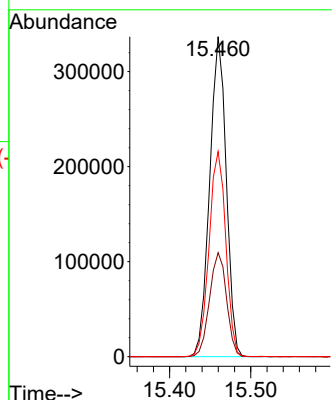
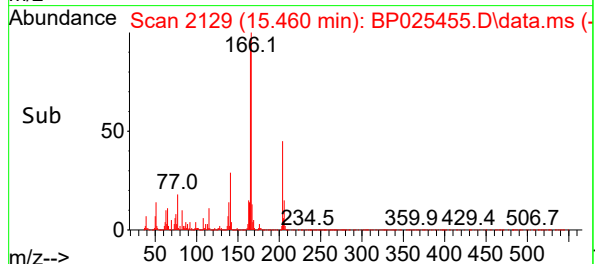
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 477262
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 64.1 49.4 74.2

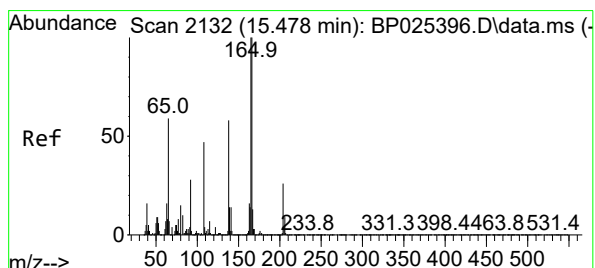
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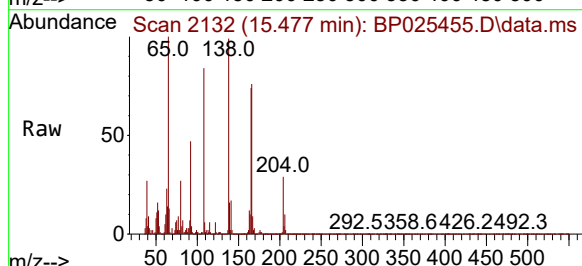


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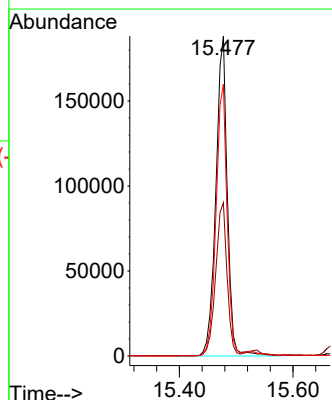
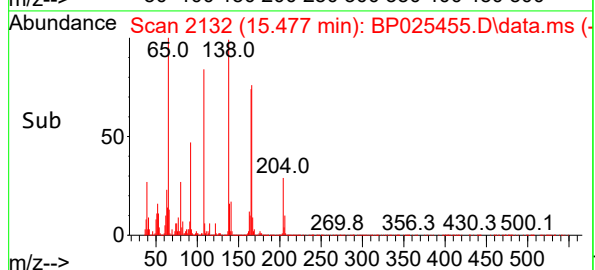
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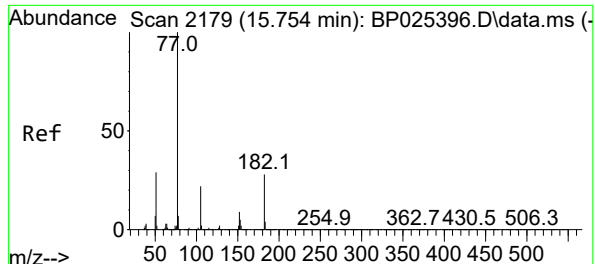


#62
4-Nitroaniline
Concen: 40.974 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:138 Resp: 262587
Ion Ratio Lower Upper
138 100
92 47.9 29.1 69.1
108 84.9 61.5 101.5





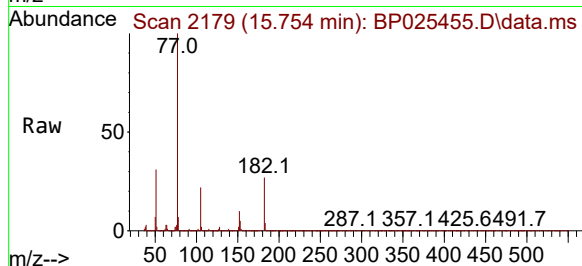
#63
Azobenzene
Concen: 41.644 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

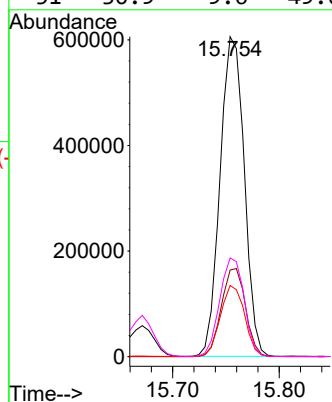
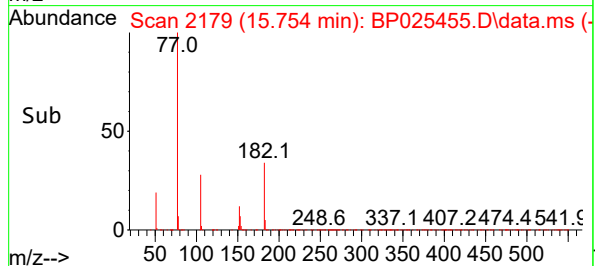
BNA_P

ClientSampleId :

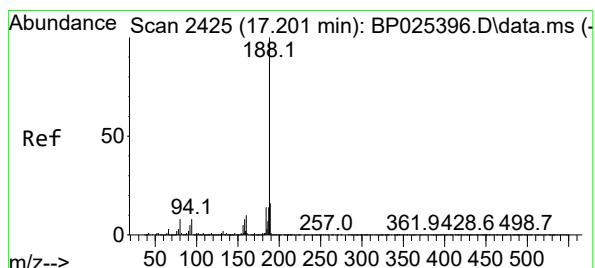
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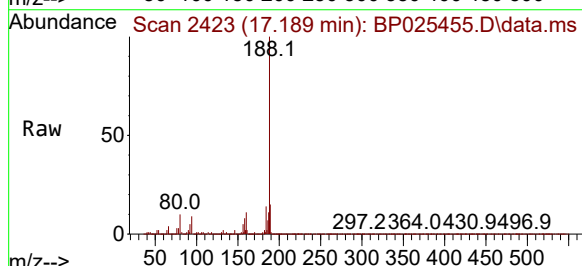
Tgt Ion: 77 Resp: 95513
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.2 2.1 42.1
51 30.9 9.6 49.6

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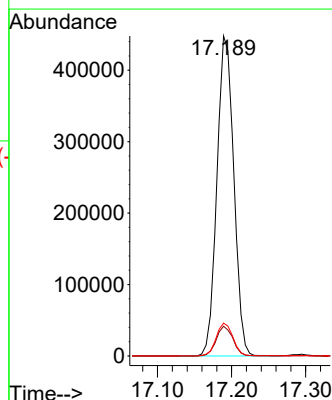
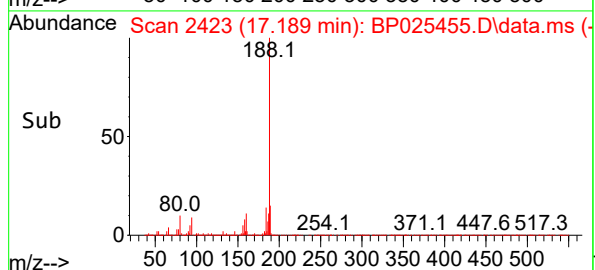
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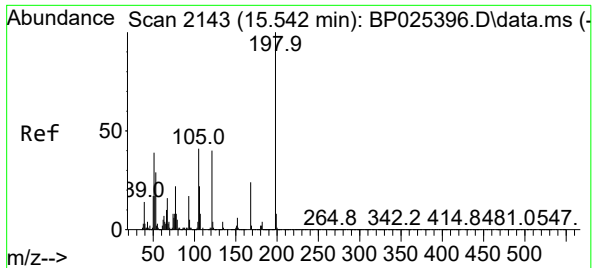


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:188 Resp: 707933
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.2 6.7 10.1#





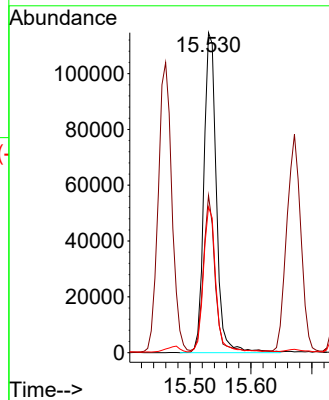
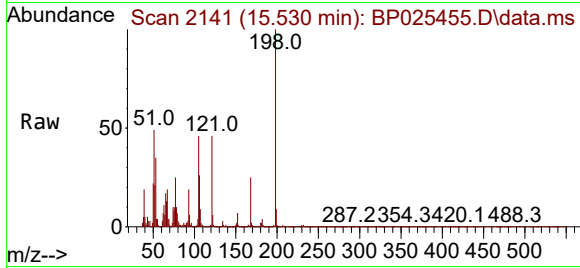
#65
4,6-Dinitro-2-methylphenol
Concen: 37.107 ng
RT: 15.530 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 163748
Ion Ratio Lower Upper
198 100
51 49.1 19.6 59.6
105 45.6 20.9 60.9

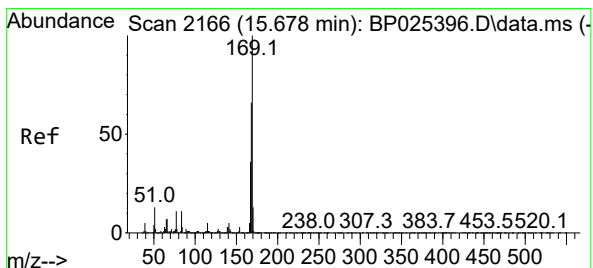
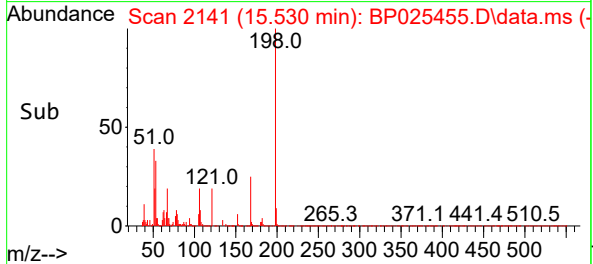
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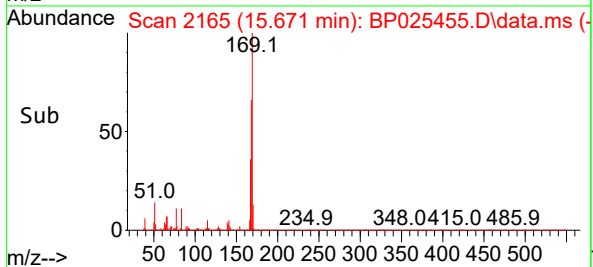
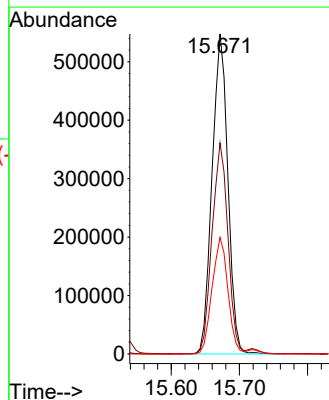
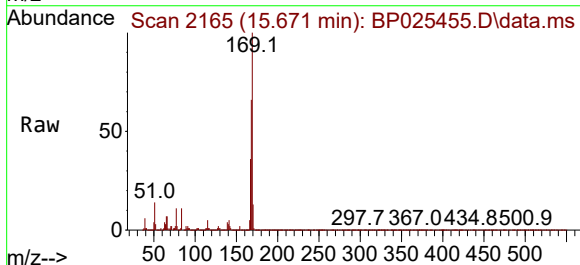
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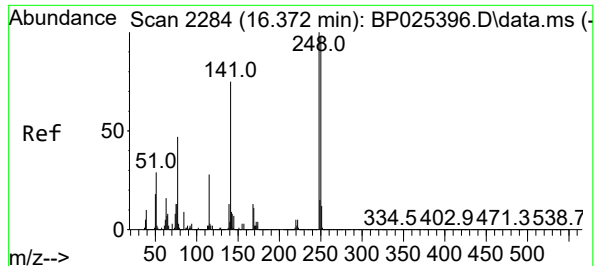
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#66
n-Nitrosodiphenylamine
Concen: 40.848 ng
RT: 15.671 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:169 Resp: 881828
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.681 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

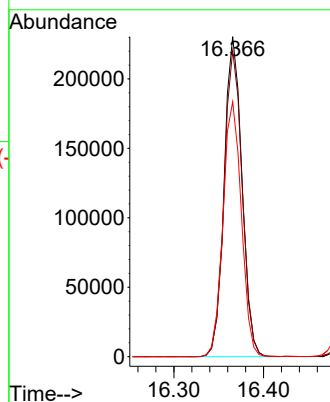
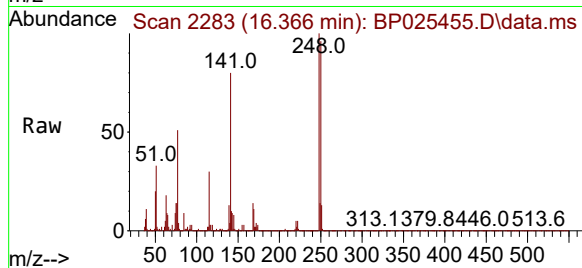
ClientSampleId :

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Tgt Ion:248 Resp: 316740
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.2
141 79.7 59.6 89.4

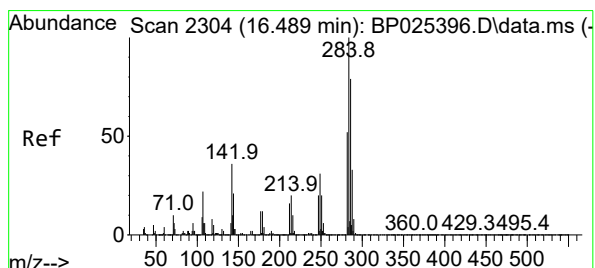
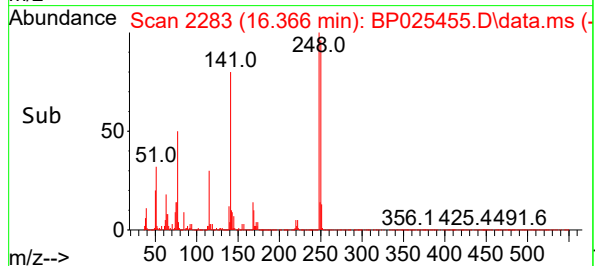
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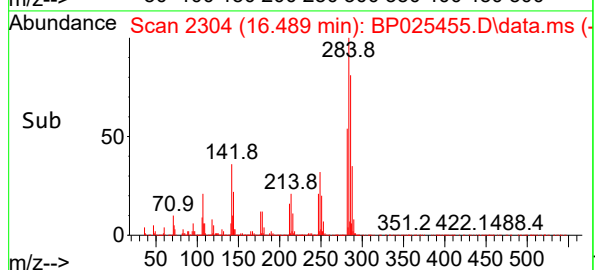
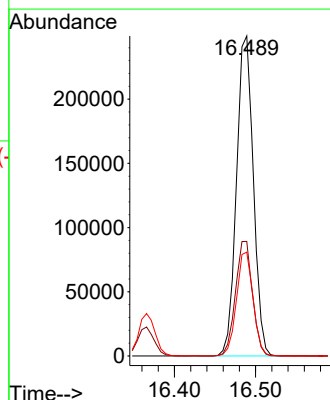
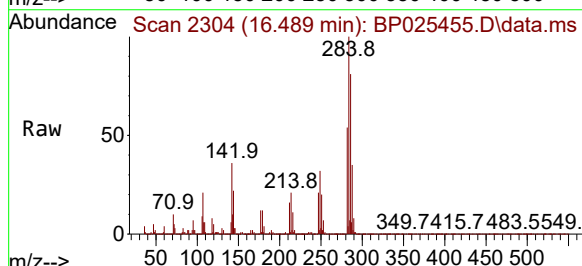
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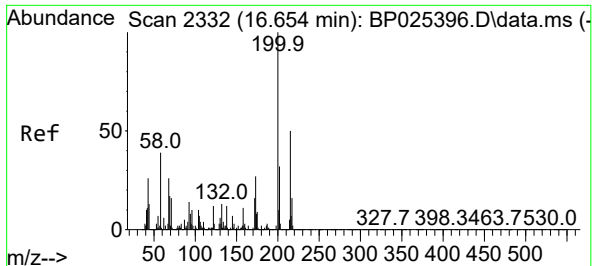
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#68
Hexachlorobenzene
Concen: 39.631 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

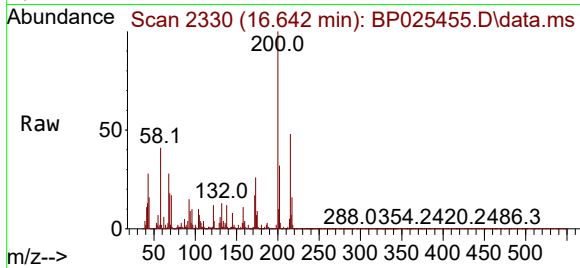
Tgt Ion:284 Resp: 357689
Ion Ratio Lower Upper
284 100
142 35.8 29.1 43.7
249 32.5 25.0 37.4





#69
Atrazine
Concen: 40.719 ng
RT: 16.642 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

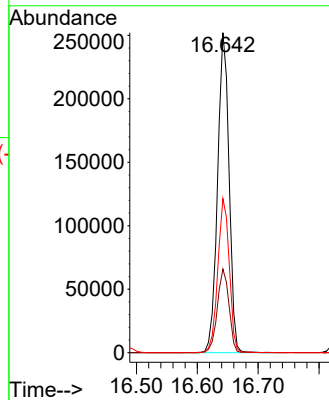
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 32919
Ion Ratio Lower Upper
200 100
173 26.2 6.7 46.7
215 48.1 29.7 69.7

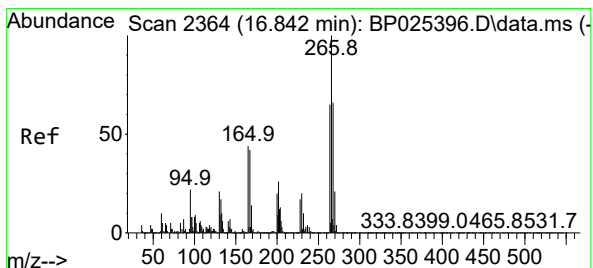
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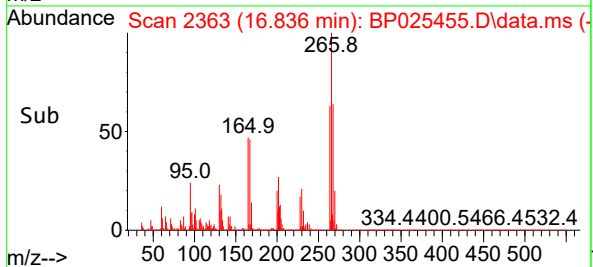
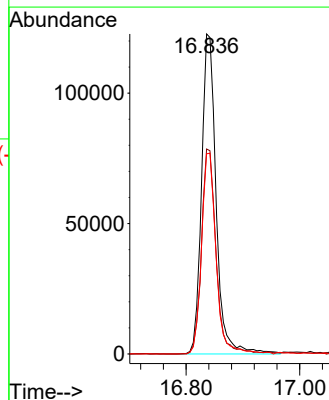
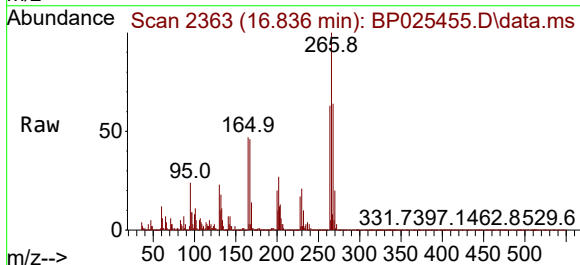
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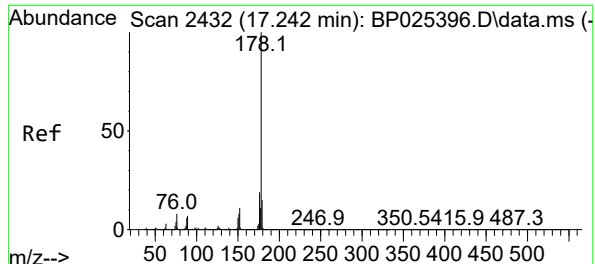
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#70
Pentachlorophenol
Concen: 38.345 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:266 Resp: 218464
Ion Ratio Lower Upper
266 100
268 64.1 52.6 79.0
264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 40.940 ng

RT: 17.236 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 159213

Ion Ratio Lower Upper

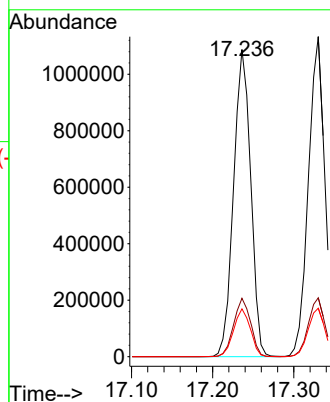
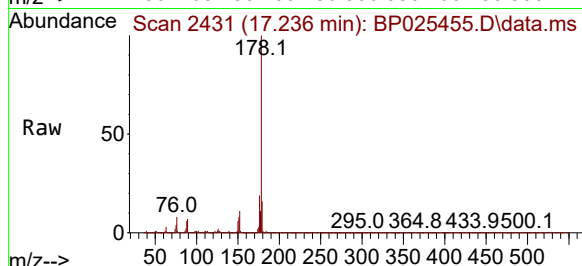
178 100

176 19.0 15.5 23.3

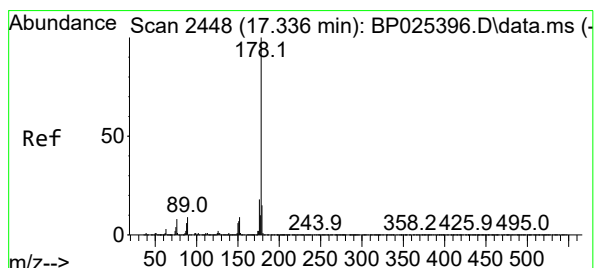
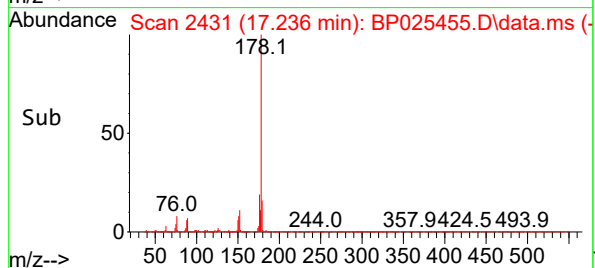
179 15.5 12.2 18.4

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#72

Anthracene

Concen: 40.573 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

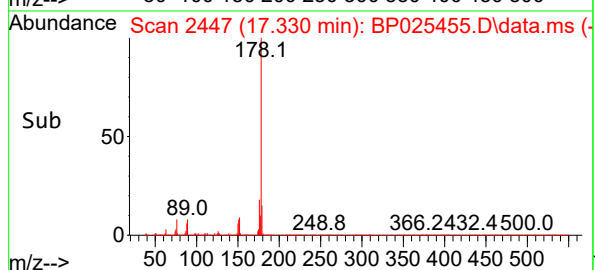
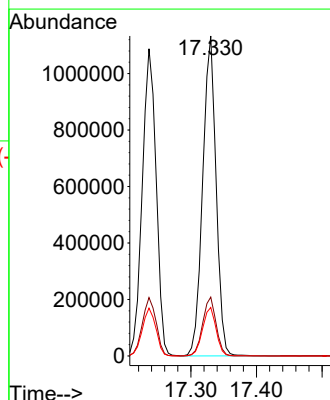
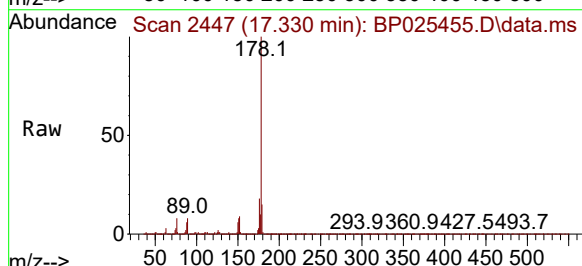
Tgt Ion:178 Resp: 1611288

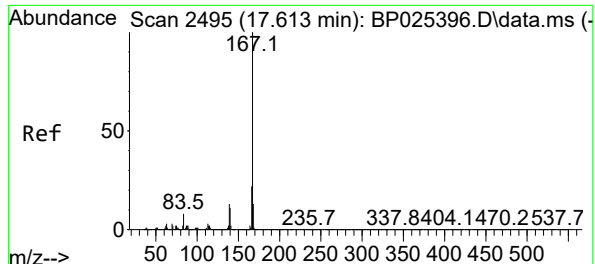
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

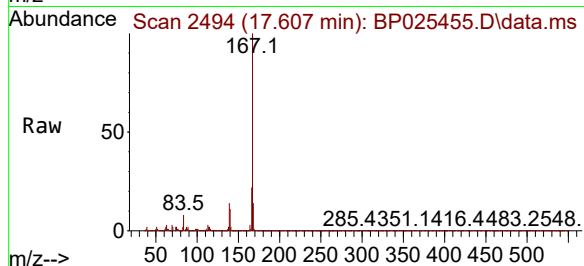
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 40.458 ng
 RT: 17.607 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

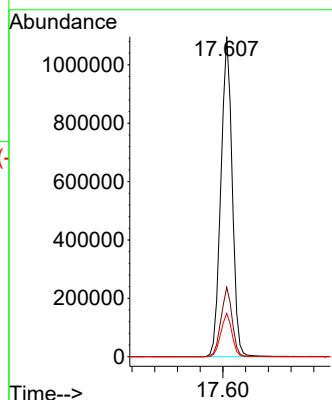
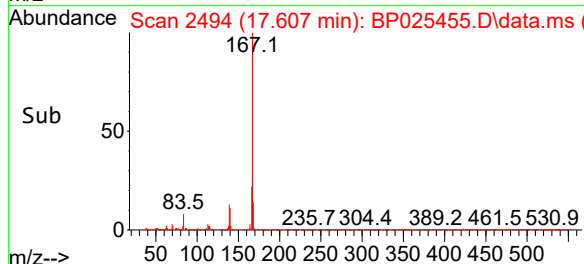
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1513389
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 10.6 16.0

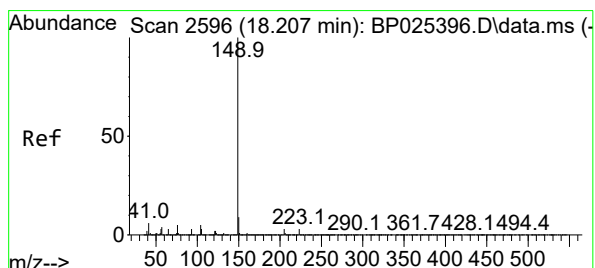
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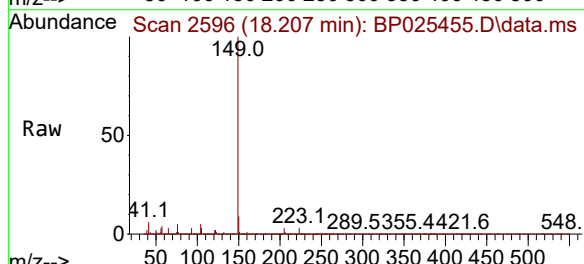


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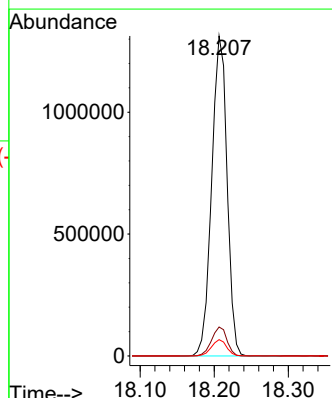
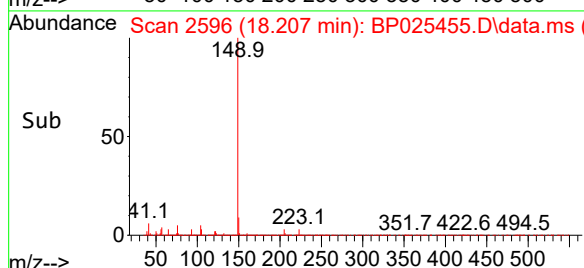
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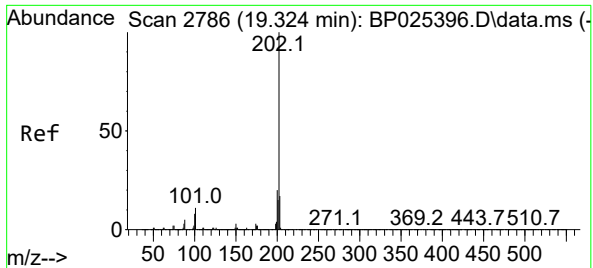


#74
 Di-n-butylphthalate
 Concen: 41.042 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. -0.000 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39



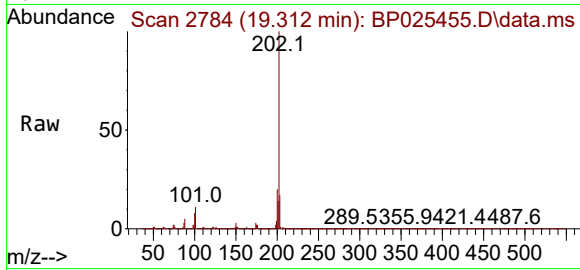
Tgt Ion:149 Resp: 1888886
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 40.441 ng
RT: 19.312 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

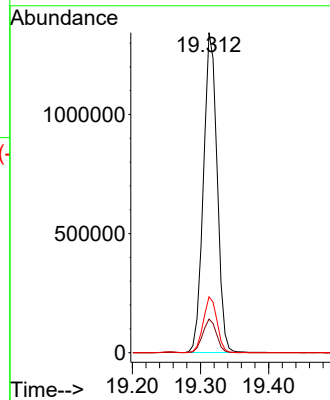
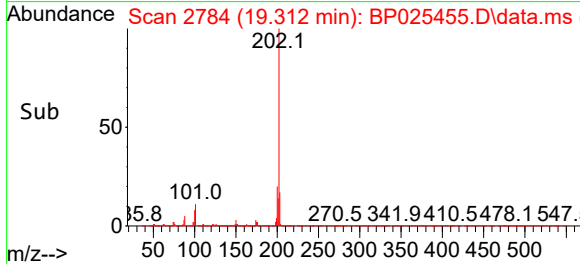
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 187597
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.5 0.0 37.3

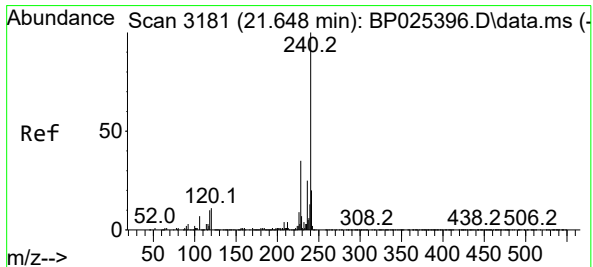
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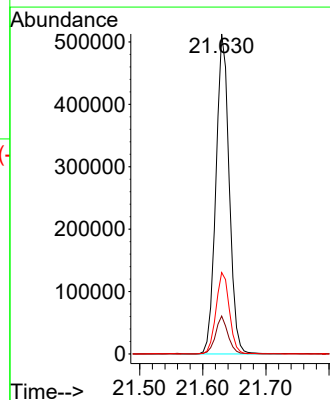
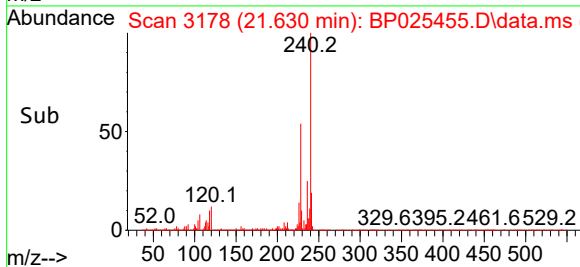
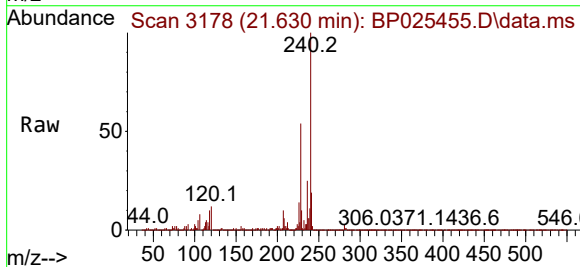
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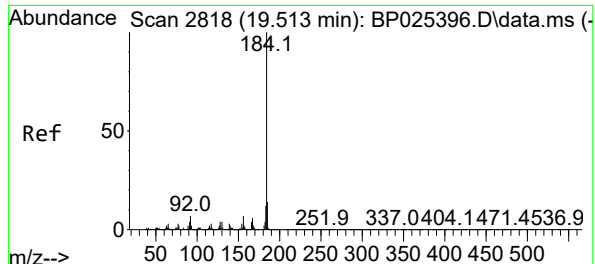
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

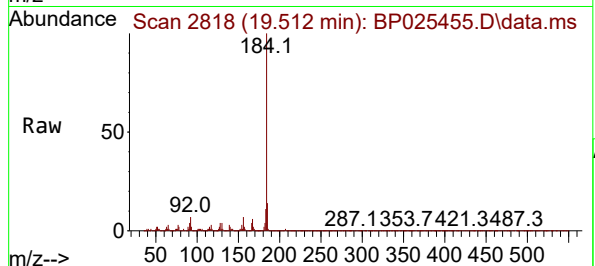
Tgt Ion:240 Resp: 748424
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 43.129 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

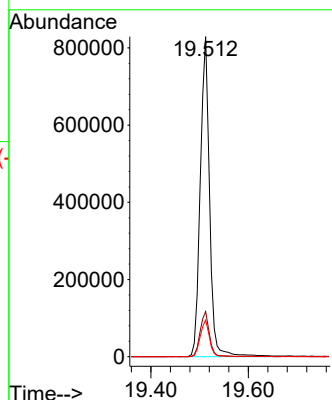
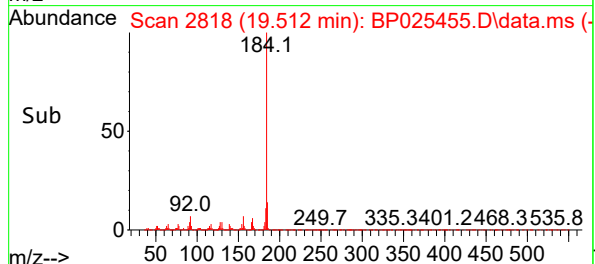
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1101599
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.4 14.2

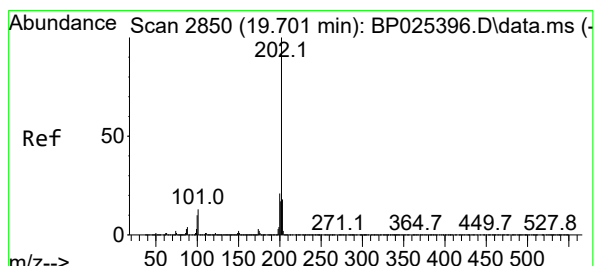
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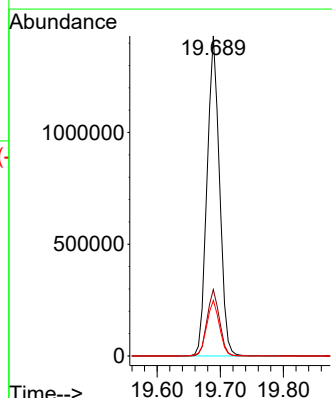
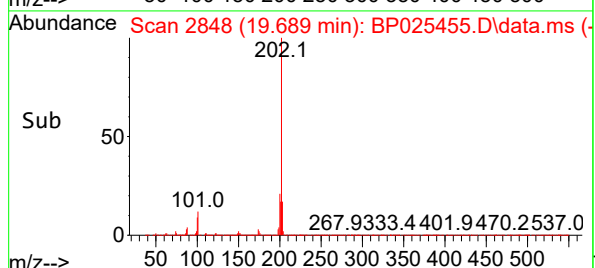
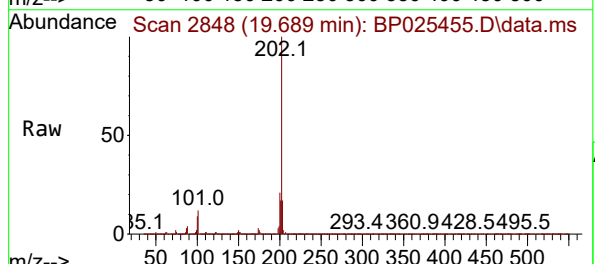
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Supervised By :Jagrut
Upadhyay

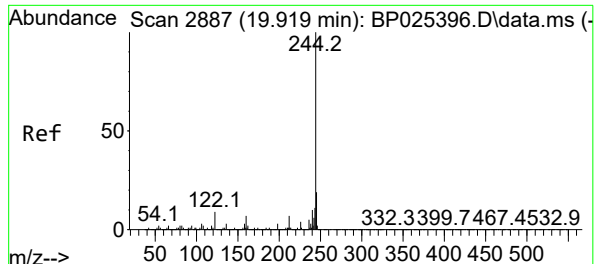
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#78
Pyrene
Concen: 40.302 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:202 Resp: 1960510
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 79.354 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 324613

Ion Ratio Lower Upper

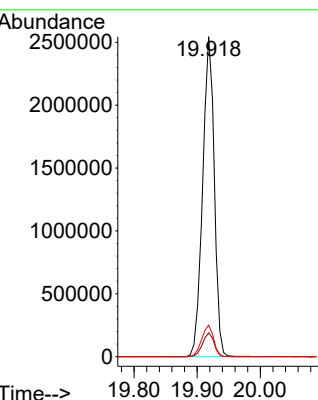
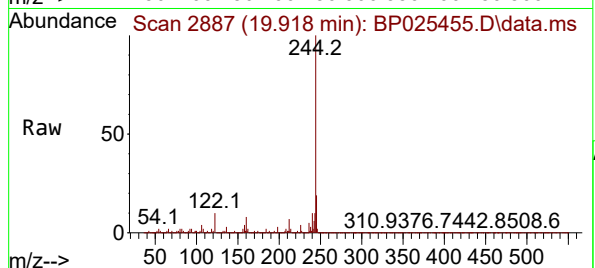
244 100

212 7.4 5.8 8.6

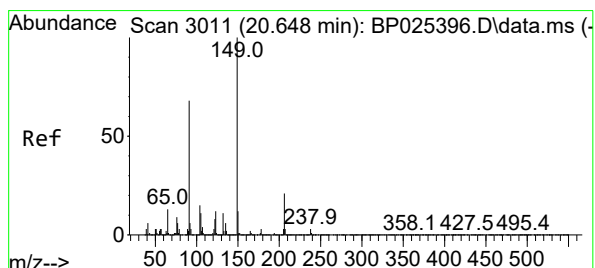
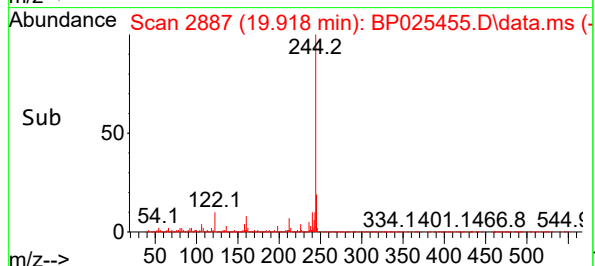
122 9.8 7.4 11.2

Manual Integrations

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Reviewed By :Rahul
Chavli08/19/2025
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Upadhyay

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#80

Butylbenzylphthalate

Concen: 40.189 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

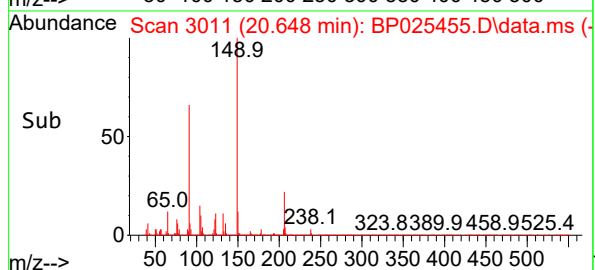
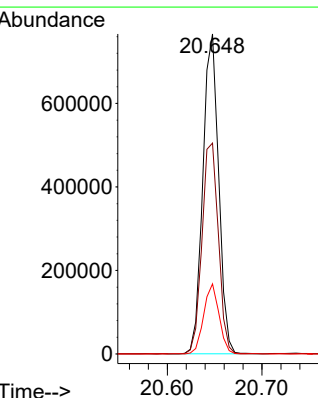
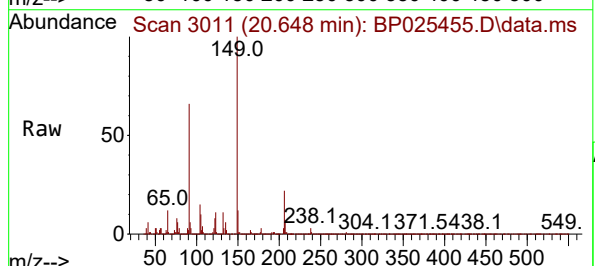
Tgt Ion:149 Resp: 886026

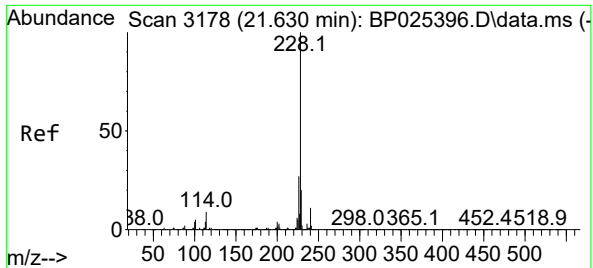
Ion Ratio Lower Upper

149 100

91 65.9 54.2 81.2

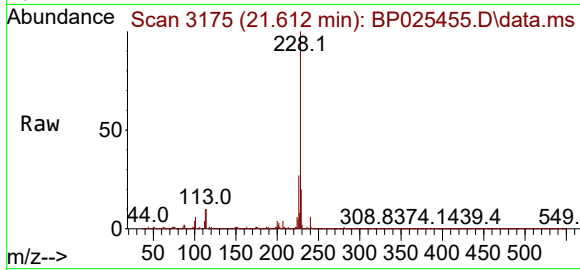
206 21.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 40.099 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

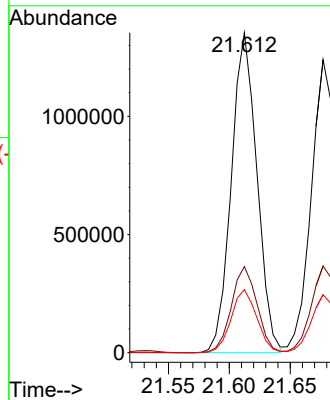
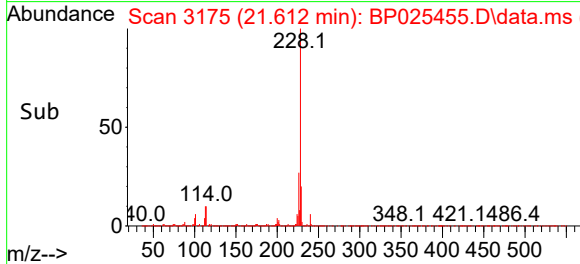
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1979219
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.6 23.4

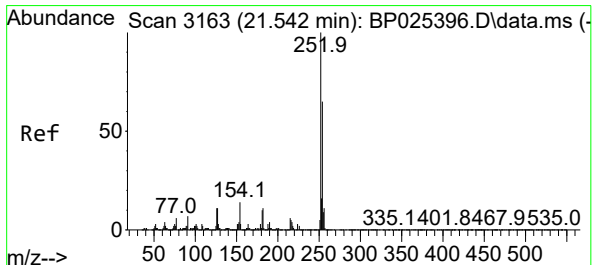
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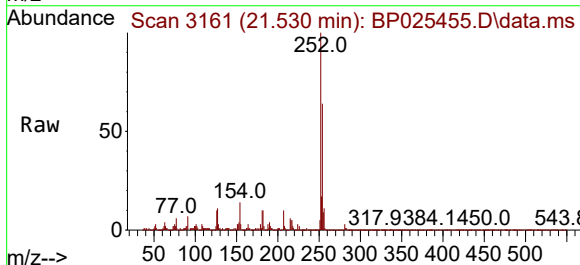


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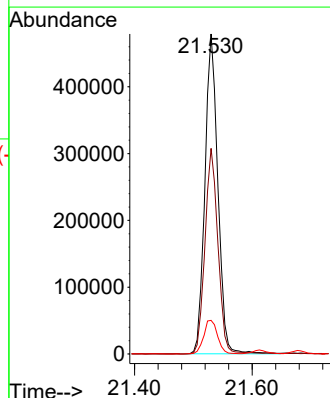
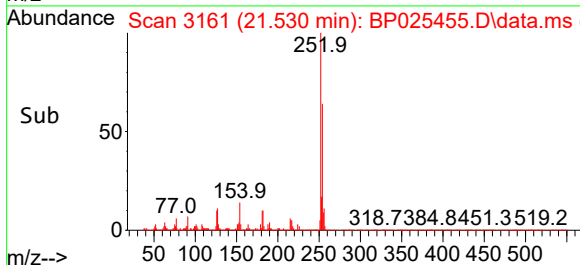
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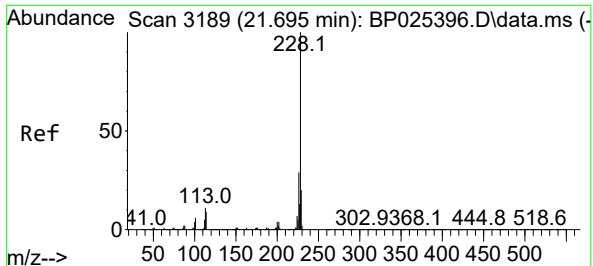


#82
3,3'-Dichlorobenzidine
Concen: 39.416 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



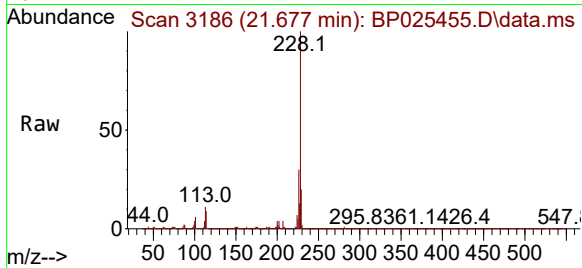
Tgt Ion:252 Resp: 733316
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 10.5 9.1 13.7





#83
Chrysene
Concen: 40.914 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

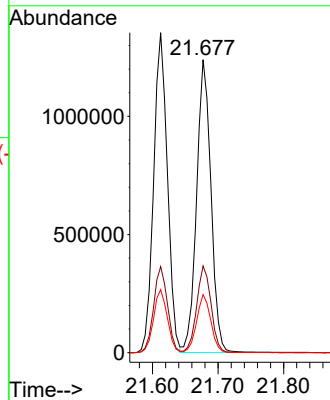
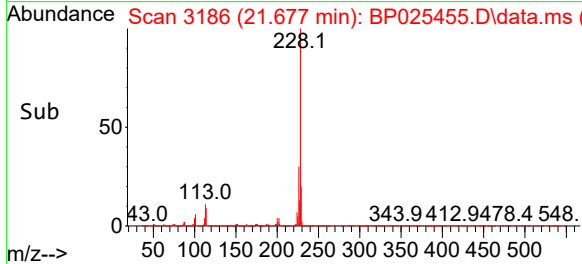
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 189122
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.8 15.6 23.4

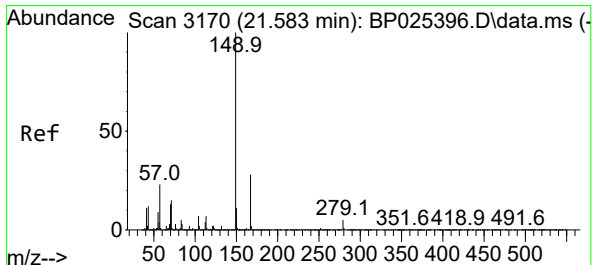
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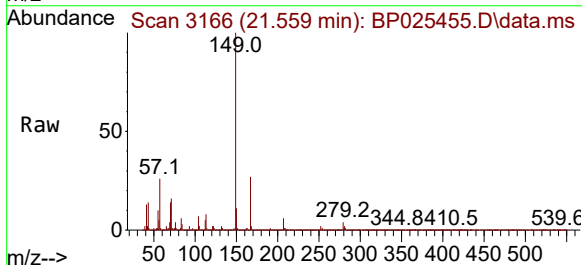


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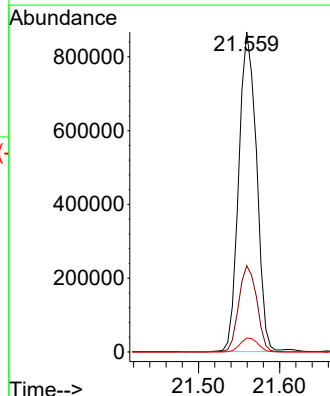
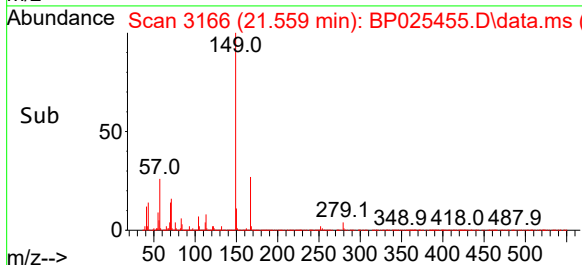
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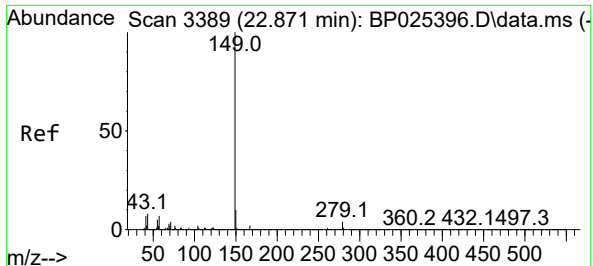


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.573 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



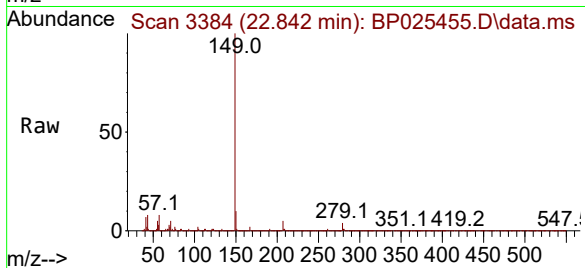
Tgt Ion:149 Resp: 1316742
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 39.933 ng
RT: 22.842 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

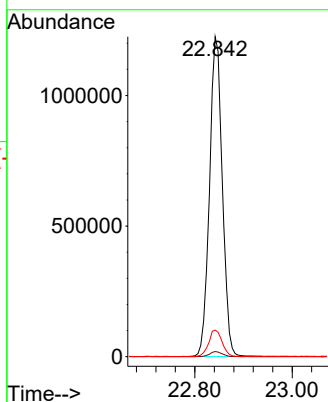
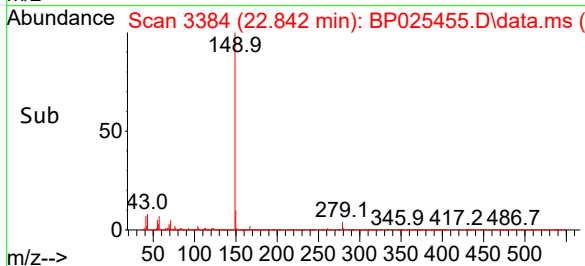
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 2229130
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.3 9.5

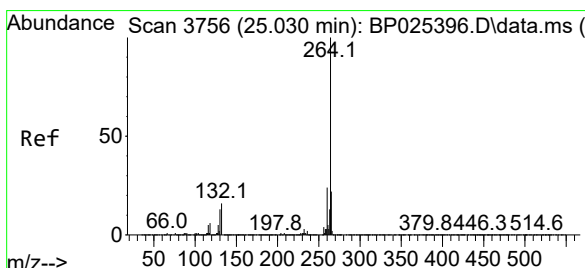
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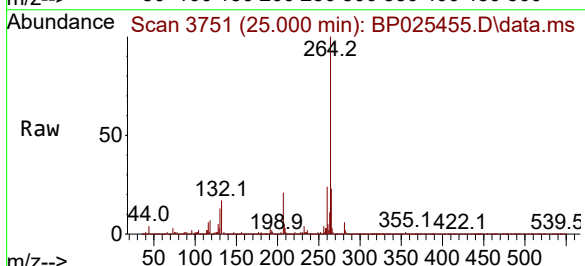


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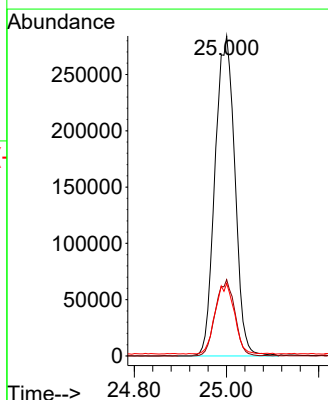
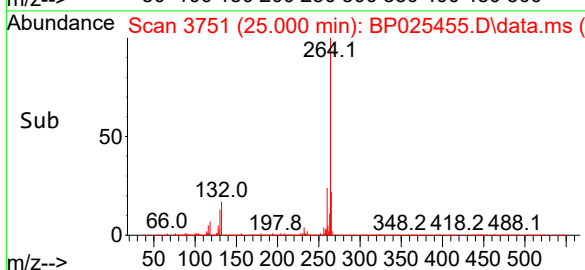
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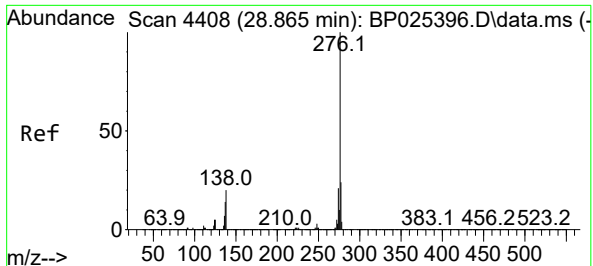


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



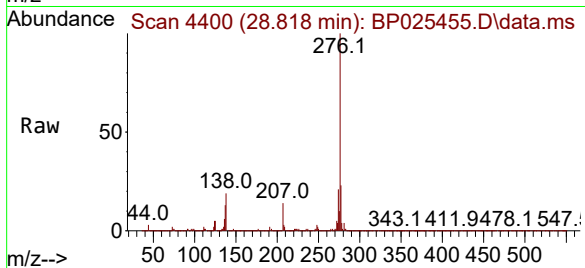
Tgt Ion:264 Resp: 846697
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.562 ng
RT: 28.818 min Scan# 4408
Delta R.T. -0.047 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

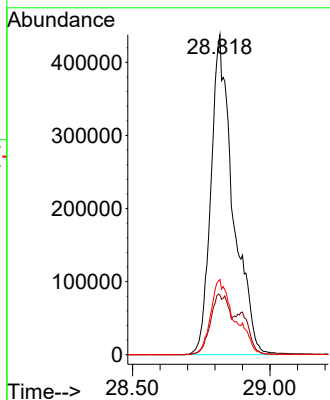
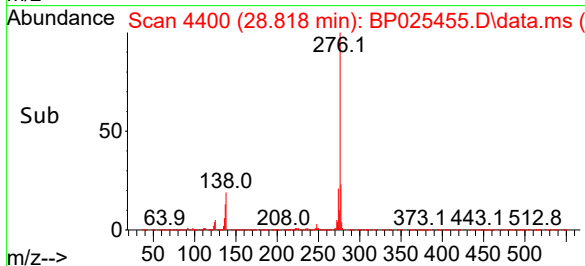
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 245653
Ion Ratio Lower Upper
276 100
138 16.3 12.9 19.3
277 25.4 17.0 25.6

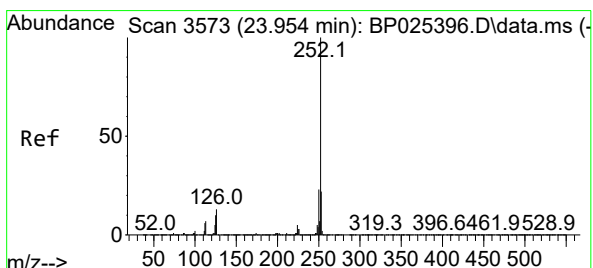
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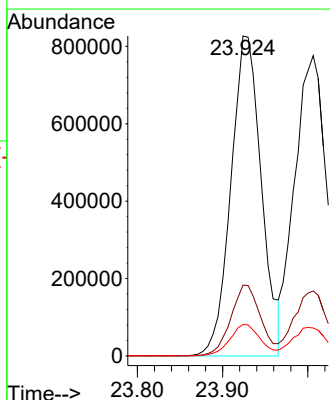
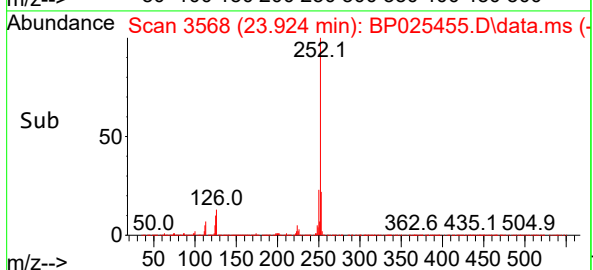
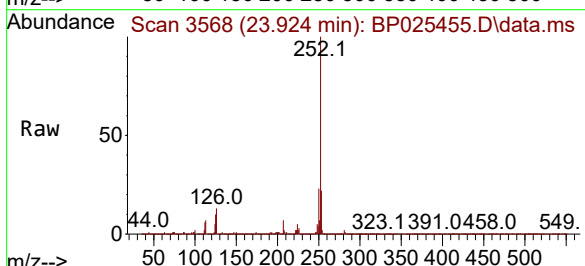
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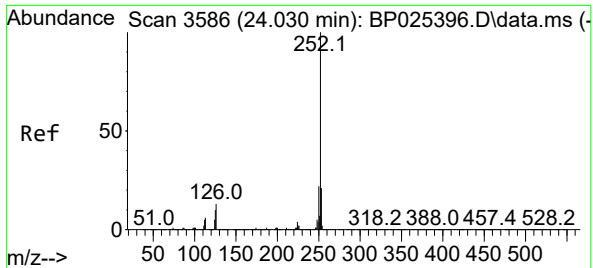
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#88
Benzo(b)fluoranthene
Concen: 41.116 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 252 Resp: 2052802
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.510 ng

RT: 24.006 min Scan# 3586

Delta R.T. -0.024 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 202394

Ion Ratio Lower Upper

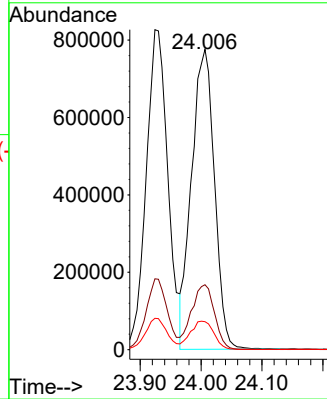
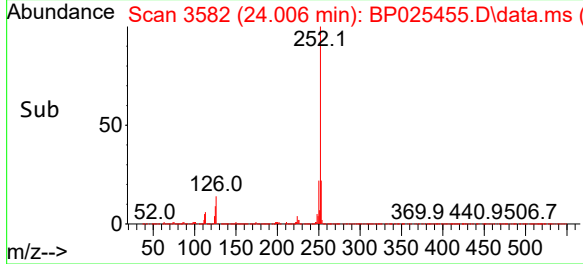
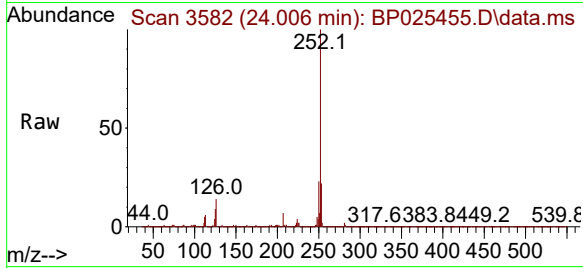
252 100

253 21.6 17.1 25.7

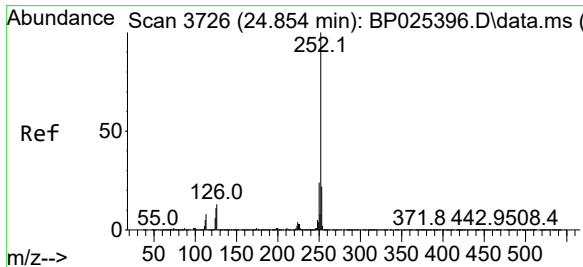
125 9.3 7.8 11.6

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Upadhyay

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#90

Benzo(a)pyrene

Concen: 40.136 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

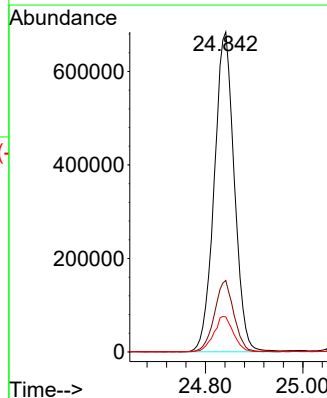
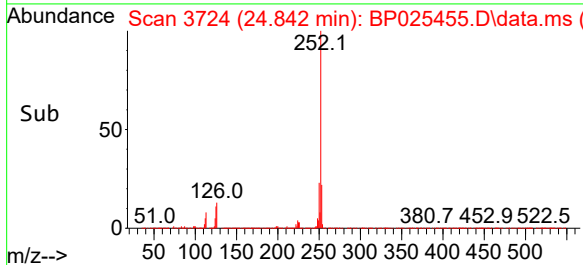
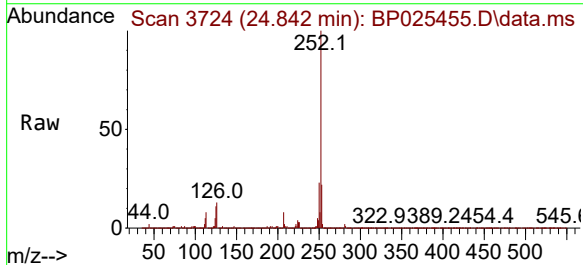
Tgt Ion:252 Resp: 1950603

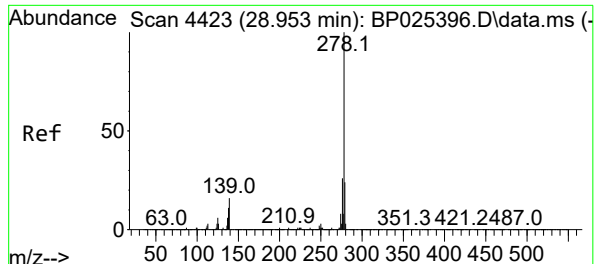
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.0 8.7 13.1





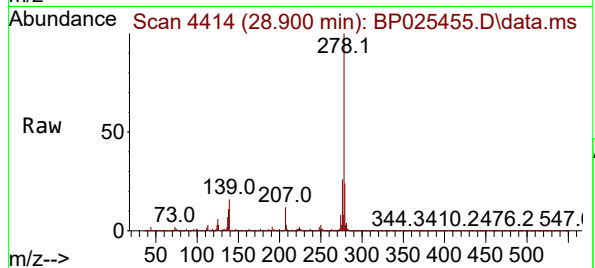
#91
Dibenzo(a,h)anthracene
Concen: 39.905 ng
RT: 28.900 min Scan# 4423
Delta R.T. -0.053 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

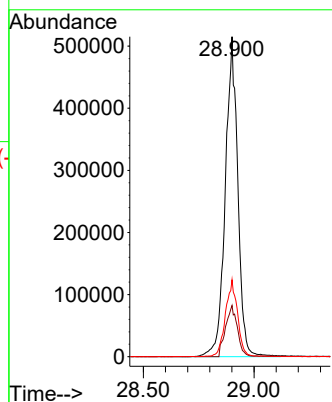
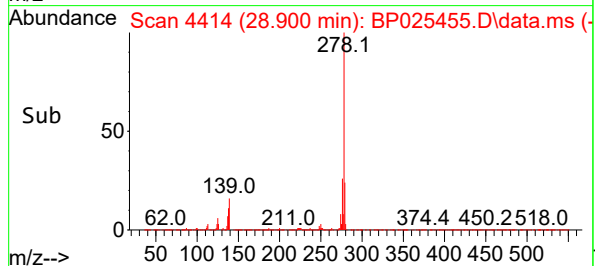
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ClientSampleId :

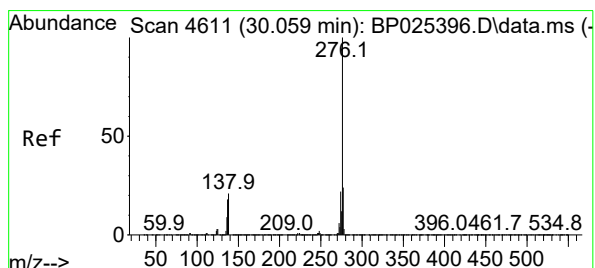
SSTDCCC040



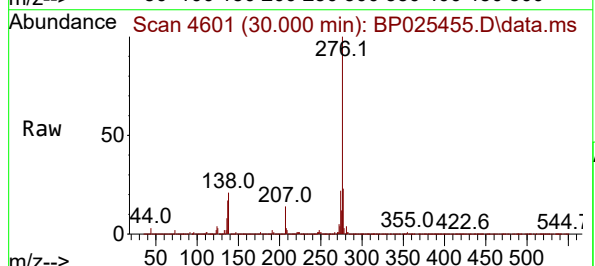
Tgt Ion:278 Resp: 202488
Ion Ratio Lower Upper
278 100
139 16.0 13.0 19.4
279 24.1 19.4 29.2

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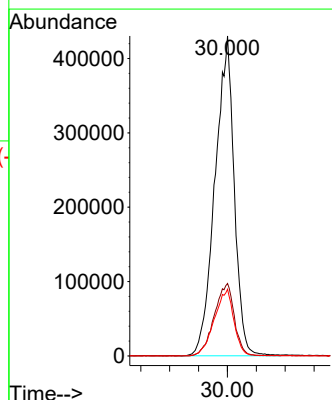
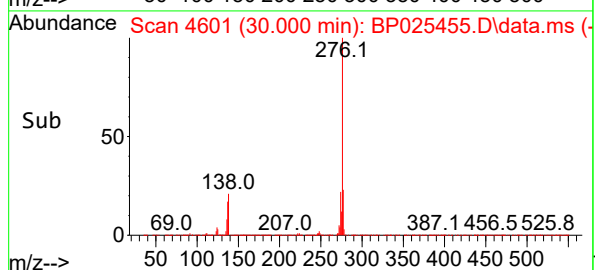
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#92
Benzo(g,h,i)perylene
Concen: 39.764 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.059 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:276 Resp: 1983435
Ion Ratio Lower Upper
276 100
277 22.6 19.4 29.0
138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	82	-0.02
2	1,4-Dioxane	0.472	0.474	-0.4	87	-0.01
3	Pyridine	1.291	1.291	0.0	87	-0.01
4	n-Nitrosodimethylamine	0.532	0.554	-4.1	89	-0.01
5 S	2-Fluorophenol	1.204	1.235	-2.6	87	-0.01
6	Aniline	2.080	2.097	-0.8	85	-0.01
7 S	Phenol-d6	1.544	1.590	-3.0	86	-0.01
8	2-Chlorophenol	1.359	1.381	-1.6	86	-0.01
9	Benzaldehyde	1.082	1.303	-20.4	78	-0.01
10 C	Phenol	1.620	1.656	-2.2	86	-0.02
11	bis(2-Chloroethyl)ether	1.263	1.286	-1.8	86	-0.01
12	1,3-Dichlorobenzene	1.499	1.490	0.6	85	-0.01
13 C	1,4-Dichlorobenzene	1.532	1.523	0.6	85	-0.02
14	1,2-Dichlorobenzene	1.483	1.496	-0.9	86	-0.02
15	Benzyl Alcohol	1.227	1.233	-0.5	85	-0.02
16	2,2'-oxybis(1-Chloropropane	1.692	1.765	-4.3	89	-0.02
17	2-Methylphenol	1.125	1.153	-2.5	85	-0.01
18	Hexachloroethane	0.563	0.576	-2.3	87	-0.01
19 P	n-Nitroso-di-n-propylamine	1.023	1.040	-1.7	86	-0.01
20	3+4-Methylphenols	1.560	1.576	-1.0	85	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	83	-0.01
22	Acetophenone	0.502	0.501	0.2	86	-0.01
23 S	Nitrobenzene-d5	0.395	0.398	-0.8	86	-0.01
24	Nitrobenzene	0.353	0.357	-1.1	86	-0.01
25	Isophorone	0.700	0.685	2.1	84	-0.02
26 C	2-Nitrophenol	0.181	0.183	-1.1	84	0.00
27	2,4-Dimethylphenol	0.312	0.308	1.3	83	-0.02
28	bis(2-Chloroethoxy)methane	0.423	0.425	-0.5	87	-0.01
29 C	2,4-Dichlorophenol	0.310	0.317	-2.3	86	-0.02
30	1,2,4-Trichlorobenzene	0.340	0.334	1.8	85	-0.01
31	Naphthalene	1.040	1.026	1.3	85	-0.01
32	Benzoic acid	0.230	0.273	-18.7	100	-0.02
33	4-Chloroaniline	0.459	0.458	0.2	84	-0.01
34 C	Hexachlorobutadiene	0.211	0.207	1.9	84	-0.02
35	Caprolactam	0.114	0.113	0.9	86	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.363	-2.3	87	0.00
37	2-Methylnaphthalene	0.676	0.668	1.2	85	0.00
38	1-Methylnaphthalene	0.719	0.707	1.7	86	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.569	1.6	83	-0.01
41 P	Hexachlorocyclopentadiene	0.349	0.479	-37.2#	112	-0.01
42 S	2,4,6-Tribromophenol	0.269	0.270	-0.4	84	-0.01
43 C	2,4,6-Trichlorophenol	0.390	0.407	-4.4	87	0.00
44	2,4,5-Trichlorophenol	0.427	0.443	-3.7	85	0.00
45 S	2-Fluorobiphenyl	1.463	1.437	1.8	84	0.00
46	1,1'-Biphenyl	1.453	1.458	-0.3	84	0.00
47	2-Chloronaphthalene	1.131	1.121	0.9	83	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.329	0.352	-7.0	87	-0.02
49	Acenaphthylene	1.871	1.865	0.3	84	-0.01
50	Dimethylphthalate	1.465	1.456	0.6	85	-0.01
51	2,6-Dinitrotoluene	0.309	0.319	-3.2	84	0.00
52 C	Acenaphthene	1.098	1.088	0.9	85	0.00
53	3-Nitroaniline	0.347	0.358	-3.2	85	0.00
54 P	2,4-Dinitrophenol	0.165	0.167	-1.2	83	0.00
55	Dibenzofuran	1.736	1.717	1.1	84	0.00
56 P	4-Nitrophenol	0.285	0.290	-1.8	85	0.00
57	2,4-Dinitrotoluene	0.440	0.450	-2.3	84	0.00
58	Fluorene	1.370	1.347	1.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.377	0.395	-4.8	88	0.00
60	Diethylphthalate	1.488	1.500	-0.8	85	0.00
61	4-Chlorophenyl-phenylether	0.681	0.663	2.6	83	0.00
62	4-Nitroaniline	0.356	0.365	-2.5	85	0.00
63	Azobenzene	1.274	1.327	-4.2	88	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.116	7.2	75	-0.01
66 c	n-Nitrosodiphenylamine	0.610	0.623	-2.1	84	0.00
67	4-Bromophenyl-phenylether	0.220	0.224	-1.8	84	0.00
68	Hexachlorobenzene	0.255	0.253	0.8	84	0.00
69	Atrazine	0.228	0.233	-2.2	85	-0.01
70 C	Pentachlorophenol	0.161	0.154	4.3	78	0.00
71	Phenanthrene	1.099	1.124	-2.3	87	0.00
72	Anthracene	1.122	1.138	-1.4	84	0.00
73	Carbazole	1.057	1.069	-1.1	85	0.00
74	Di-n-butylphthalate	1.300	1.334	-2.6	86	0.00
75 C	Fluoranthene	1.311	1.325	-1.1	86	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	83	-0.02
77	Benzydine	0.683	0.736	-7.8	63	0.00
78	Pyrene	1.300	1.310	-0.8	86	-0.01
79 S	Terphenyl-d14	1.093	1.084	0.8	86	0.00
80	Butylbenzylphthalate	0.589	0.592	-0.5	85	0.00
81	Benzo(a)anthracene	1.319	1.322	-0.2	87	-0.02
82	3,3'-Dichlorobenzidine	0.497	0.490	1.4	84	-0.01
83	Chrysene	1.235	1.263	-2.3	89	-0.02
84	Bis(2-ethylhexyl)phthalate	0.867	0.880	-1.5	88	-0.02
85 c	Di-n-octyl phthalate	1.492	1.489	0.2	86	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	83	-0.03
87	Indeno(1,2,3-cd)pyrene	1.467	1.451	1.1	85	-0.05
88	Benzo(b)fluoranthene	1.179	1.212	-2.8	89	-0.03
89	Benzo(k)fluoranthene	1.180	1.195	-1.3	88	-0.02
90 C	Benzo(a)pyrene	1.148	1.152	-0.3	86	-0.01
91	Dibenzo(a,h)anthracene	1.199	1.196	0.3	86	-0.05
92	Benzo(g,h,i)perylene	1.178	1.171	0.6	85	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025455.D
Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
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Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	82	-0.02
2	1,4-Dioxane	40.000	40.159	-0.4	87	-0.01
3	Pyridine	40.000	39.995	0.0	87	-0.01
4	n-Nitrosodimethylamine	40.000	41.651	-4.1	89	-0.01
5 S	2-Fluorophenol	80.000	82.005	-2.5	87	-0.01
6	Aniline	40.000	40.321	-0.8	85	-0.01
7 S	Phenol-d6	80.000	82.368	-3.0	86	-0.01
8	2-Chlorophenol	40.000	40.642	-1.6	86	-0.01
9	Benzaldehyde	40.000	48.195	-20.5	78	-0.01
10 C	Phenol	40.000	40.877	-2.2	86	-0.02
11	bis(2-Chloroethyl)ether	40.000	40.731	-1.8	86	-0.01
12	1,3-Dichlorobenzene	40.000	39.784	0.5	85	-0.01
13 C	1,4-Dichlorobenzene	40.000	39.761	0.6	85	-0.02
14	1,2-Dichlorobenzene	40.000	40.357	-0.9	86	-0.02
15	Benzyl Alcohol	40.000	40.185	-0.5	85	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	41.734	-4.3	89	-0.02
17	2-Methylphenol	40.000	40.981	-2.5	85	-0.01
18	Hexachloroethane	40.000	40.939	-2.3	87	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.685	-1.7	86	-0.01
20	3+4-Methylphenols	40.000	40.425	-1.1	85	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	83	-0.01
22	Acetophenone	40.000	39.923	0.2	86	-0.01
23 S	Nitrobenzene-d5	80.000	80.567	-0.7	86	-0.01
24	Nitrobenzene	40.000	40.447	-1.1	86	-0.01
25	Isophorone	40.000	39.163	2.1	84	-0.02
26 C	2-Nitrophenol	40.000	40.406	-1.0	84	0.00
27	2,4-Dimethylphenol	40.000	39.471	1.3	83	-0.02
28	bis(2-Chloroethoxy)methane	40.000	40.173	-0.4	87	-0.01
29 C	2,4-Dichlorophenol	40.000	40.902	-2.3	86	-0.02
30	1,2,4-Trichlorobenzene	40.000	39.301	1.7	85	-0.01
31	Naphthalene	40.000	39.499	1.3	85	-0.01
32	Benzoic acid	40.000	47.454	-18.6	100	-0.02
33	4-Chloroaniline	40.000	39.898	0.3	84	-0.01
34 C	Hexachlorobutadiene	40.000	39.190	2.0	84	-0.02
35	Caprolactam	40.000	39.821	0.4	86	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.814	-2.0	87	0.00
37	2-Methylnaphthalene	40.000	39.503	1.2	85	0.00
38	1-Methylnaphthalene	40.000	39.288	1.8	86	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.424	1.4	83	-0.01
41 P	Hexachlorocyclopentadiene	40.000	54.895	-37.2#	112	-0.01
42 S	2,4,6-Tribromophenol	80.000	80.248	-0.3	84	-0.01
43 C	2,4,6-Trichlorophenol	40.000	41.762	-4.4	87	0.00
44	2,4,5-Trichlorophenol	40.000	41.507	-3.8	85	0.00
45 S	2-Fluorobiphenyl	80.000	78.546	1.8	84	0.00
46	1,1'-Biphenyl	40.000	40.137	-0.3	84	0.00
47	2-Chloronaphthalene	40.000	39.638	0.9	83	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	42.761	-6.9	87	-0.02
49	Acenaphthylene	40.000	39.870	0.3	84	-0.01
50	Dimethylphthalate	40.000	39.777	0.6	85	-0.01
51	2,6-Dinitrotoluene	40.000	41.304	-3.3	84	0.00
52 C	Acenaphthene	40.000	39.632	0.9	85	0.00
53	3-Nitroaniline	40.000	41.176	-2.9	85	0.00
54 P	2,4-Dinitrophenol	40.000	40.428	-1.1	83	0.00
55	Dibenzofuran	40.000	39.550	1.1	84	0.00
56 P	4-Nitrophenol	40.000	40.596	-1.5	85	0.00
57	2,4-Dinitrotoluene	40.000	40.870	-2.2	84	0.00
58	Fluorene	40.000	39.335	1.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.840	-4.6	88	0.00
60	Diethylphthalate	40.000	40.313	-0.8	85	0.00
61	4-Chlorophenyl-phenylether	40.000	38.912	2.7	83	0.00
62	4-Nitroaniline	40.000	40.974	-2.4	85	0.00
63	Azobenzene	40.000	41.644	-4.1	88	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	37.107	7.2	75	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.848	-2.1	84	0.00
67	4-Bromophenyl-phenylether	40.000	40.681	-1.7	84	0.00
68	Hexachlorobenzene	40.000	39.631	0.9	84	0.00
69	Atrazine	40.000	40.719	-1.8	85	-0.01
70 C	Pentachlorophenol	40.000	38.345	4.1	78	0.00
71	Phenanthrene	40.000	40.940	-2.3	87	0.00
72	Anthracene	40.000	40.573	-1.4	84	0.00
73	Carbazole	40.000	40.458	-1.1	85	0.00
74	Di-n-butylphthalate	40.000	41.042	-2.6	86	0.00
75 C	Fluoranthene	40.000	40.441	-1.1	86	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	83	-0.02
77	Benzydine	40.000	43.129	-7.8	63	0.00
78	Pyrene	40.000	40.302	-0.8	86	-0.01
79 S	Terphenyl-d14	80.000	79.354	0.8	86	0.00
80	Butylbenzylphthalate	40.000	40.189	-0.5	85	0.00
81	Benzo(a)anthracene	40.000	40.099	-0.2	87	-0.02
82	3,3'-Dichlorobenzidine	40.000	39.416	1.5	84	-0.01
83	Chrysene	40.000	40.914	-2.3	89	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	40.573	-1.4	88	-0.02
85 c	Di-n-octyl phthalate	40.000	39.933	0.2	86	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	83	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	39.562	1.1	85	-0.05
88	Benzo(b)fluoranthene	40.000	41.116	-2.8	89	-0.03
89	Benzo(k)fluoranthene	40.000	40.510	-1.3	88	-0.02
90 C	Benzo(a)pyrene	40.000	40.136	-0.3	86	-0.01
91	Dibenzo(a,h)anthracene	40.000	39.905	0.2	86	-0.05
92	Benzo(g,h,i)perylene	40.000	39.764	0.6	85	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025455.D
Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = 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>PORT06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2832</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/21/2025 06:42</u>
Lab File ID:	<u>BP025528.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.211		0.6	
Benzaldehyde	1.082	1.331		23.0	
Phenol-d6	1.544	1.588		2.8	
Phenol	1.620	1.664		2.7	20.0
bis(2-Chloroethyl)ether	1.263	1.271		0.6	
2-Chlorophenol	1.359	1.383		1.8	
2-Methylphenol	1.125	1.159		3.0	
2,2-oxybis(1-Chloropropane)	1.692	1.822		7.7	
Acetophenone	0.502	0.505		0.6	
3+4-Methylphenols	1.560	1.594		2.2	
n-Nitroso-di-n-propylamine	1.023	1.037	0.050	1.4	
Nitrobenzene-d5	0.395	0.404		2.3	
Hexachloroethane	0.563	0.574		2.0	
Nitrobenzene	0.353	0.365		3.4	
Isophorone	0.700	0.714		2.0	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.319		2.2	
bis(2-Chloroethoxy)methane	0.423	0.421		-0.5	
2,4-Dichlorophenol	0.310	0.312		0.6	20.0
Naphthalene	1.040	1.015		-2.4	
4-Chloroaniline	0.459	0.465		1.3	
Hexachlorobutadiene	0.211	0.208		-1.4	20.0
Caprolactam	0.114	0.116		1.8	
4-Chloro-3-methylphenol	0.355	0.366		3.1	20.0
2-Methylnaphthalene	0.676	0.671		-0.7	
Hexachlorocyclopentadiene	0.349	0.350	0.050	0.3	
2,4,6-Trichlorophenol	0.390	0.410		5.1	20.0
2-Fluorobiphenyl	1.463	1.383		-5.5	
2,4,5-Trichlorophenol	0.427	0.446		4.4	
1,1-Biphenyl	1.453	1.459		0.4	
2-Chloronaphthalene	1.131	1.124		-0.6	
2-Nitroaniline	0.329	0.374		13.7	
Dimethylphthalate	1.465	1.502		2.5	
Acenaphthylene	1.871	1.868		-0.2	
2,6-Dinitrotoluene	0.309	0.330		6.8	
3-Nitroaniline	0.347	0.367		5.8	
Acenaphthene	1.098	1.075		-2.1	20.0
2,4-Dinitrophenol	0.165	0.174	0.050	5.5	
4-Nitrophenol	0.285	0.307	0.050	7.7	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PORT06
 Lab Code: ACE SDG No.: Q2832
 Instrument ID: BNA_P Calibration Date/Time: 08/21/2025 06:42
 Lab File ID: BP025528.D Init. Calib. Date(s): 08/14/2025 08/14/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.733		-0.2	
2,4-Dinitrotoluene	0.440	0.482		9.5	
Diethylphthalate	1.488	1.538		3.4	
4-Chlorophenyl-phenylether	0.681	0.648		-4.8	
Fluorene	1.370	1.312		-4.2	
4-Nitroaniline	0.356	0.363		2.0	
4,6-Dinitro-2-methylphenol	0.125	0.131		4.8	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.274		1.9	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.250		-2.0	
Atrazine	0.228	0.231		1.3	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.074		-2.3	
Anthracene	1.122	1.087		-3.1	
Carbazole	1.057	1.024		-3.1	
Di-n-butylphthalate	1.300	1.302		0.2	
Fluoranthene	1.311	1.222		-6.8	20.0
Pyrene	1.300	1.517		16.7	
Terphenyl-d14	1.093	1.224		12.0	
Butylbenzylphthalate	0.589	0.681		15.6	
3,3-Dichlorobenzidine	0.497	0.463		-6.8	
Benzo (a) anthracene	1.319	1.317		-0.2	
Chrysene	1.235	1.220		-1.2	
Bis(2-ethylhexyl)phthalate	0.867	0.908		4.7	
Di-n-octyl phthalate	1.492	1.357		-9.0	20.0
Benzo (b) fluoranthene	1.179	1.178		-0.1	
Benzo (k) fluoranthene	1.180	1.160		-1.7	
Benzo (a) pyrene	1.148	1.150		0.2	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.545		5.3	
Dibenzo (a,h) anthracene	1.199	1.264		5.4	
Benzo (g,h,i) perylene	1.178	1.268		7.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.574		-0.7	
1,4-Dioxane	0.472	0.468		-0.8	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.391		3.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	210336	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	893021	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	582847	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	1185139	20.000	ng	0.00
76) Chrysene-d12	21.642	240	966898	20.000	ng	0.00
86) Perylene-d12	25.001	264	954709	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1018965	80.452	ng	0.00
7) Phenol-d6	6.966	99	1335936	82.271	ng	0.00
23) Nitrobenzene-d5	8.931	82	1443187	81.750	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	639783	81.551	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	3224036	75.599	ng	0.00
79) Terphenyl-d14	19.924	244	4732498	89.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	197014	39.712	ng	98
3) Pyridine	3.725	79	535552	39.440	ng	94
4) n-Nitrosodimethylamine	3.631	42	248430	44.377	ng	94
6) Aniline	7.125	93	887762	40.577	ng	98
8) 2-Chlorophenol	7.360	128	581806	40.707	ng	98
9) Benzaldehyde	6.937	77	559981	49.222	ng	96
10) Phenol	6.996	94	699876	41.075	ng	97
11) bis(2-Chloroethyl)ether	7.213	93	534841	40.272	ng	98
12) 1,3-Dichlorobenzene	7.678	146	627773	39.834	ng	98
13) 1,4-Dichlorobenzene	7.819	146	637445	39.573	ng	99
14) 1,2-Dichlorobenzene	8.137	146	617713	39.615	ng	99
15) Benzyl Alcohol	8.025	79	543909	42.156	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	766477	43.083	ng	97
17) 2-Methylphenol	8.225	107	487657	41.208	ng	98
18) Hexachloroethane	8.854	117	241449	40.767	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	436071	40.542	ng	96
20) 3+4-Methylphenols	8.549	107	670504	40.875	ng	94
22) Acetophenone	8.596	105	901234	40.242	ng	# 97
24) Nitrobenzene	8.972	77	652095	41.331	ng	98
25) Isophorone	9.496	82	1274526	40.795	ng	99
26) 2-Nitrophenol	9.672	139	332366	41.048	ng	98
27) 2,4-Dimethylphenol	9.737	122	569584	40.905	ng	99
28) bis(2-Chloroethoxy)met...	9.966	93	752214	39.830	ng	98
29) 2,4-Dichlorophenol	10.207	162	557739	40.321	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	579601	38.224	ng	99
31) Naphthalene	10.607	128	1813476	39.071	ng	99
32) Benzoic acid	9.896	122	439768	42.778	ng	97
33) 4-Chloroaniline	10.707	127	829890	40.477	ng	99
34) Hexachlorobutadiene	10.896	225	371034	39.290	ng	98
35) Caprolactam	11.507	113	207200	40.851	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	654337	41.225	ng	98
37) 2-Methylnaphthalene	12.213	142	1199198	39.701	ng	99
38) 1-Methylnaphthalene	12.431	142	1254785	39.062	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	669588	39.778	ng	99
41) Hexachlorocyclopentadiene	12.566	237	407908	40.117	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	478356	42.093	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

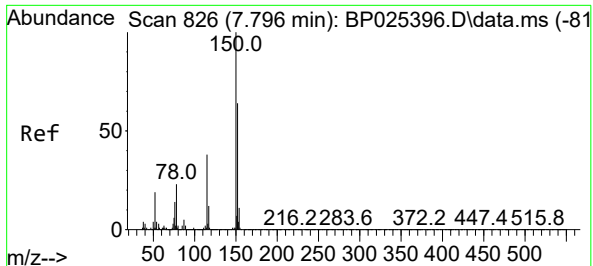
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	520387	41.781	ng	99
46) 1,1'-Biphenyl	13.231	154	1701266	40.191	ng	99
47) 2-Chloronaphthalene	13.272	162	1310696	39.774	ng	100
48) 2-Nitroaniline	13.466	65	435470	45.353	ng	97
49) Acenaphthylene	14.119	152	2178041	39.943	ng	99
50) Dimethylphthalate	13.854	163	1751072	41.027	ng	99
51) 2,6-Dinitrotoluene	13.972	165	384470	42.738	ng	94
52) Acenaphthene	14.466	154	1253527	39.164	ng	99
53) 3-Nitroaniline	14.301	138	428348	42.321	ng	95
54) 2,4-Dinitrophenol	14.507	184	202691	42.191	ng	97
55) Dibenzofuran	14.801	168	2020338	39.925	ng	98
56) 4-Nitrophenol	14.619	139	357906	43.033	ng	93
57) 2,4-Dinitrotoluene	14.766	165	561949	43.783	ng	97
58) Fluorene	15.466	166	1529223	38.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	455330	41.403	ng	97
60) Diethylphthalate	15.236	149	1793007	41.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	755243	38.031	ng	94
62) 4-Nitroaniline	15.483	138	422646	40.733	ng	92
63) Azobenzene	15.760	77	1581016	42.575	ng	96
65) 4,6-Dinitro-2-methylph...	15.542	198	311124	42.114	ng	96
66) n-Nitrosodiphenylamine	15.684	169	1424731	39.423	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	514245	39.453	ng	97
68) Hexachlorobenzene	16.495	284	591430	39.143	ng	99
69) Atrazine	16.660	200	547846	40.478	ng	97
70) Pentachlorophenol	16.848	266	401483	42.093	ng	96
71) Phenanthrene	17.248	178	2545441	39.098	ng	99
72) Anthracene	17.342	178	2577328	38.766	ng	99
73) Carbazole	17.619	167	2426628	38.750	ng	99
74) Di-n-butylphthalate	18.213	149	3085121	40.043	ng	100
75) Fluoranthene	19.319	202	2895789	37.289	ng	98
77) Benzidine	19.524	184	1206527	36.563	ng	100
78) Pyrene	19.695	202	2933533	46.678	ng	100
80) Butylbenzylphthalate	20.654	149	1316128	46.209	ng	97
81) Benzo(a)anthracene	21.618	228	2546412	39.933	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	894776	37.227	ng	99
83) Chrysene	21.689	228	2359088	39.504	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1755836	41.878	ng	100
85) Di-n-octyl phthalate	22.854	149	2625098	36.401	ng	98
87) Indeno(1,2,3-cd)pyrene	28.848	276	2950656	42.143	ng	99
88) Benzo(b)fluoranthene	23.954	252	2249885	39.965	ng	99
89) Benzo(k)fluoranthene	24.018	252	2214493	39.310	ng	99
90) Benzo(a)pyrene	24.854	252	2196644	40.085	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2413697	42.186	ng	100
92) Benzo(g,h,i)perylene	30.047	276	2420845	43.043	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

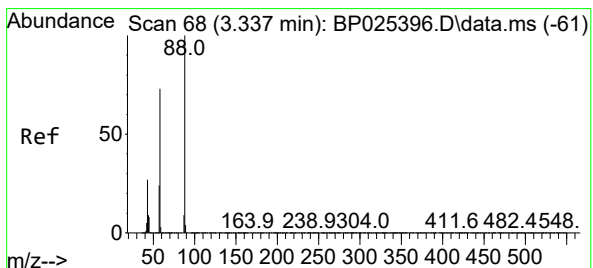
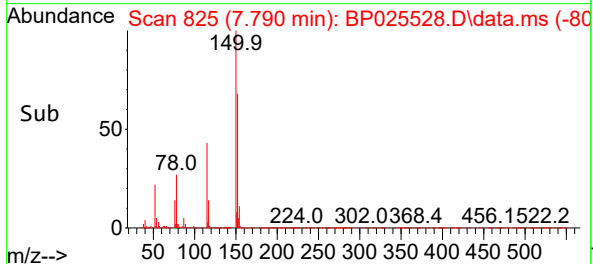
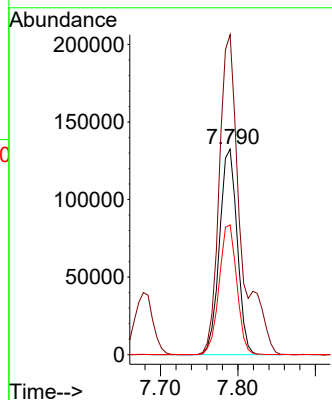
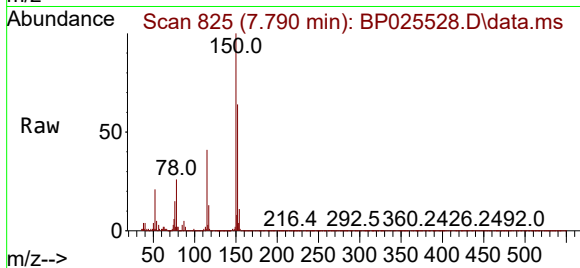
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

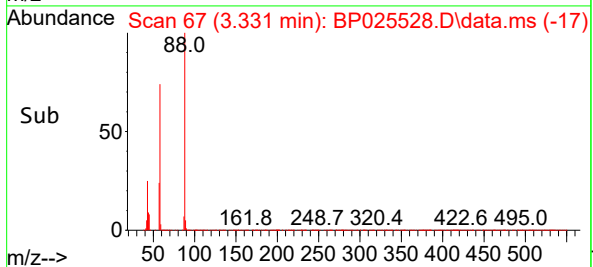
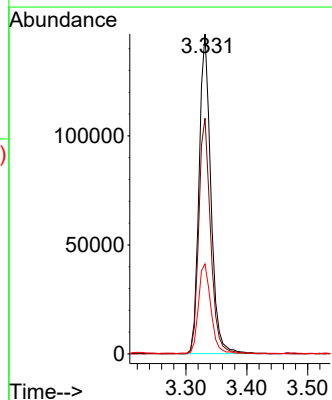
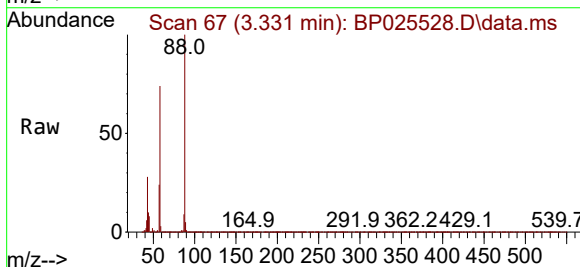
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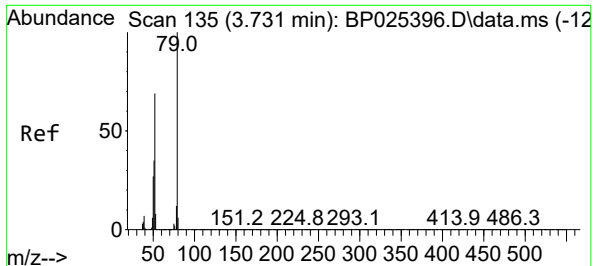
Tgt Ion:152 Resp: 210336
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 63.1 48.5 72.7



#2
1,4-Dioxane
Concen: 39.712 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 88 Resp: 197014
Ion Ratio Lower Upper
88 100
58 74.6 59.2 88.8
43 29.6 21.7 32.5

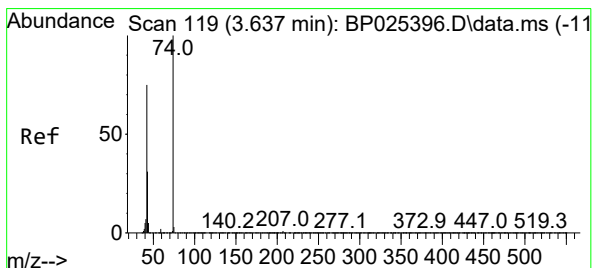
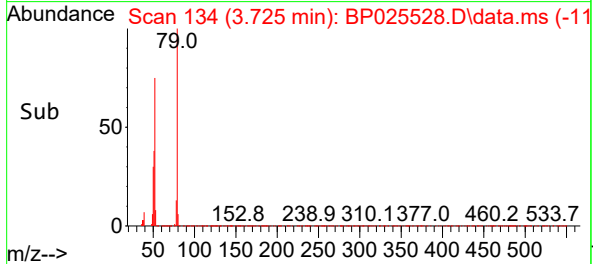
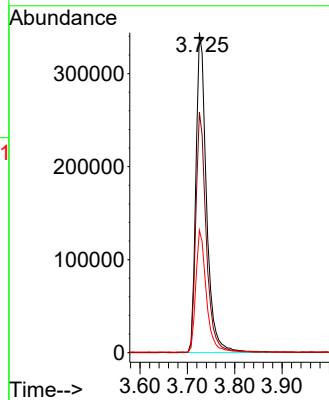
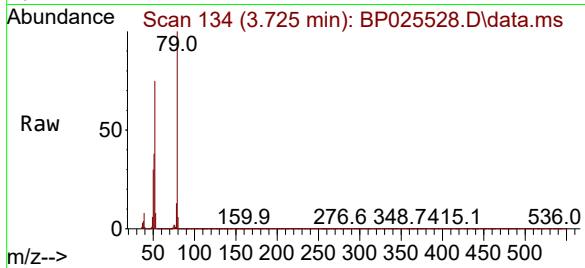




#3
Pyridine
Concen: 39.440 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

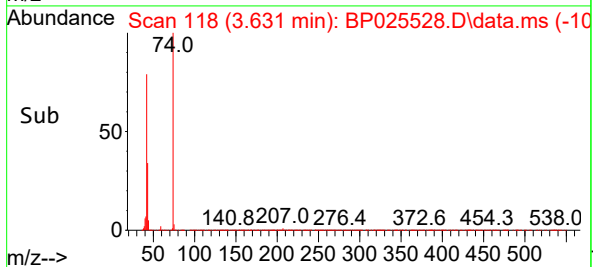
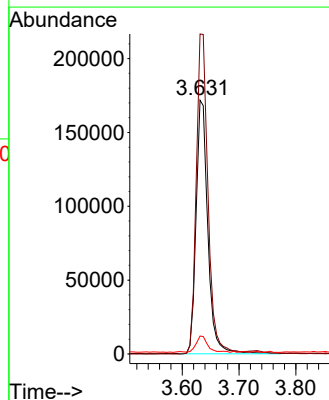
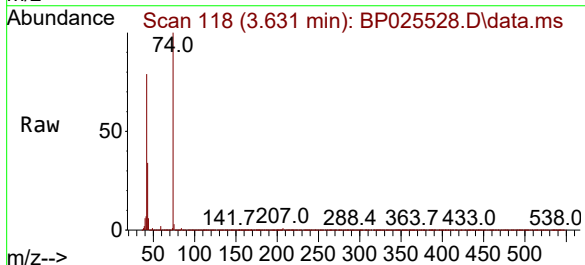
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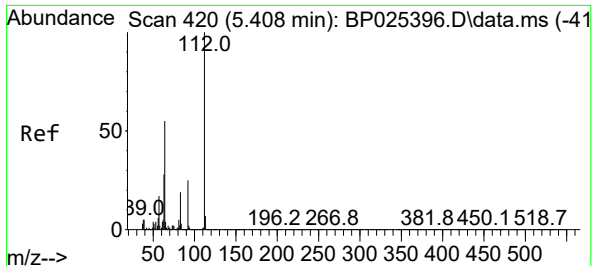
Tgt Ion: 79 Resp: 535552
Ion Ratio Lower Upper
79 100
52 75.2 55.5 83.3
51 38.2 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 44.377 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 42 Resp: 248430
Ion Ratio Lower Upper
42 100
74 126.1 107.0 160.4
44 7.1 6.2 9.4

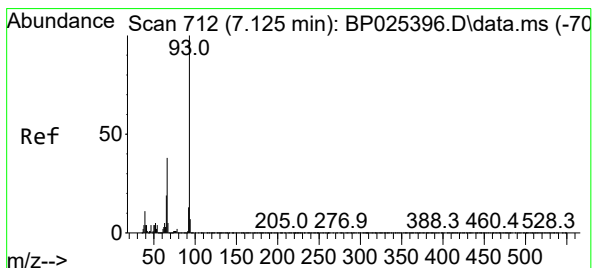
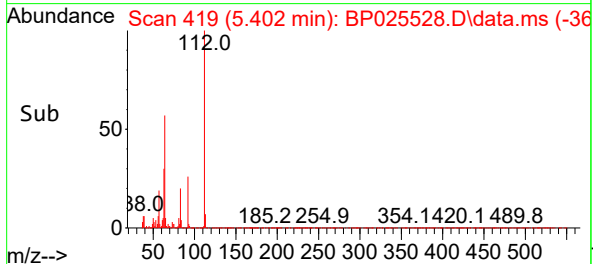
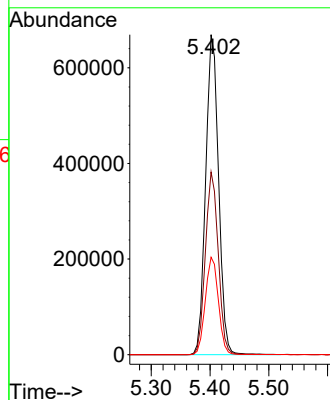
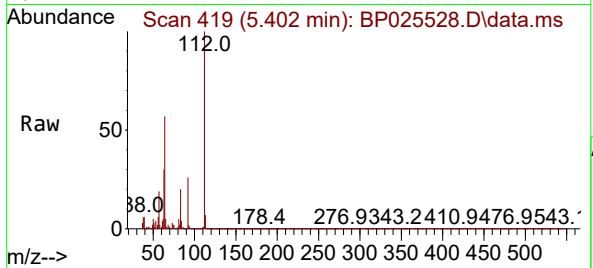




#5
2-Fluorophenol
Concen: 80.452 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

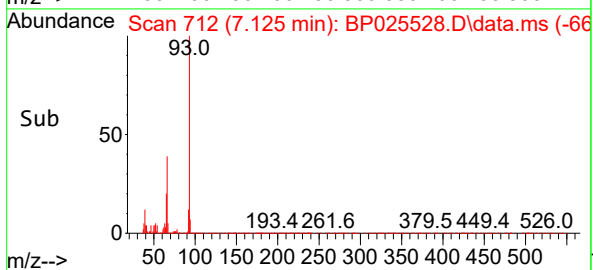
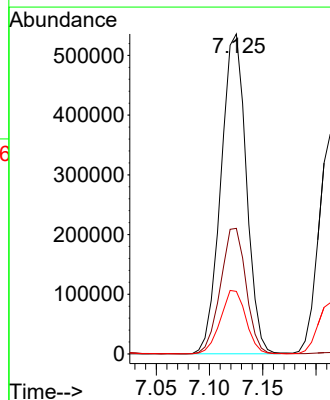
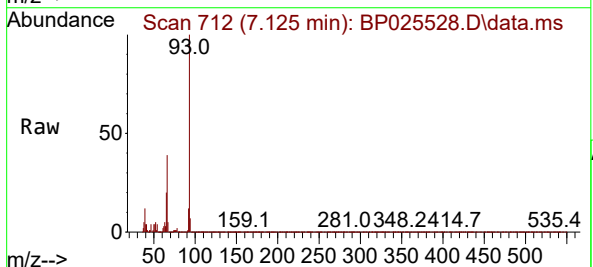
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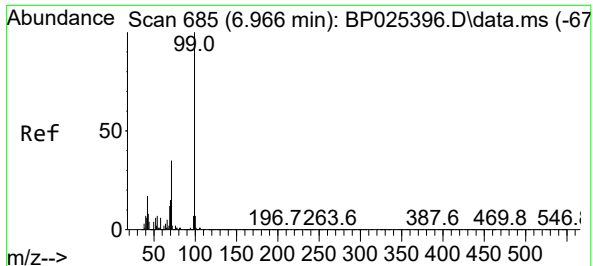
Tgt Ion:112 Resp: 1018965
Ion Ratio Lower Upper
112 100
64 57.1 43.8 65.8
63 30.4 22.7 34.1



#6
Aniline
Concen: 40.577 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 93 Resp: 887762
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.5 15.3 22.9

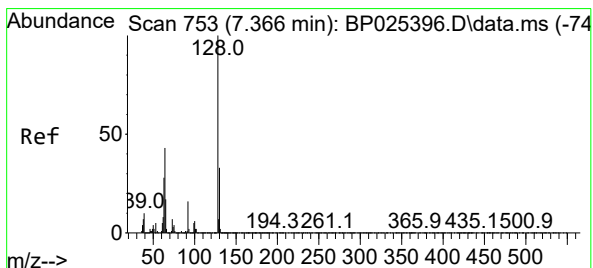
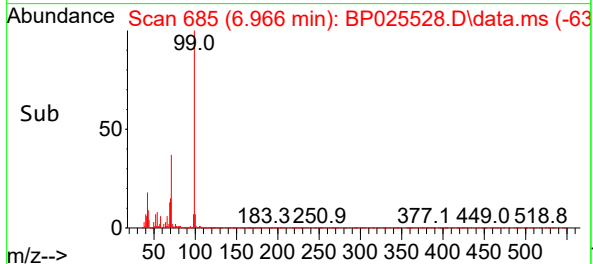
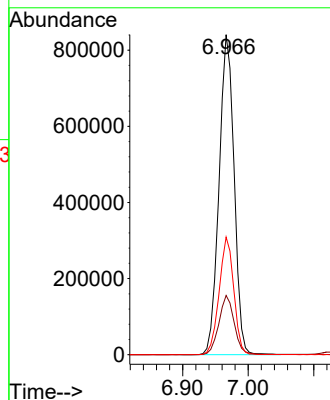
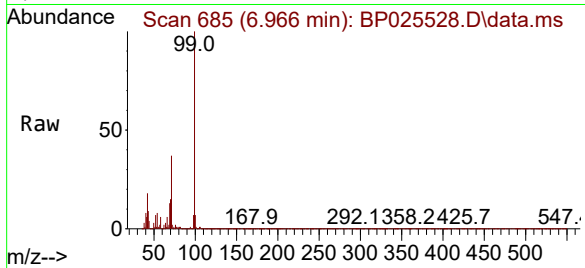




#7
Phenol-d6
Concen: 82.271 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

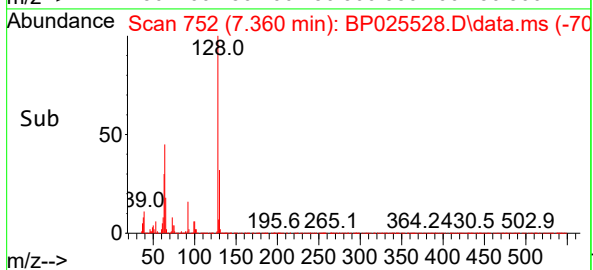
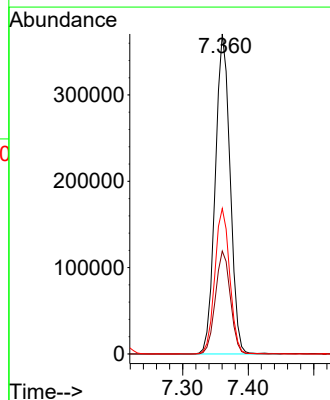
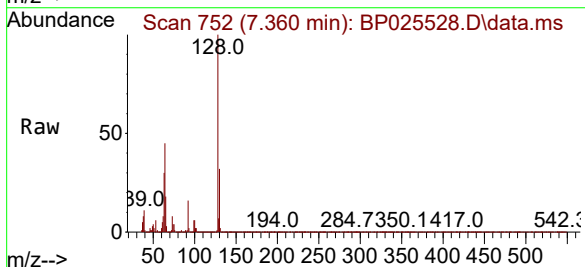
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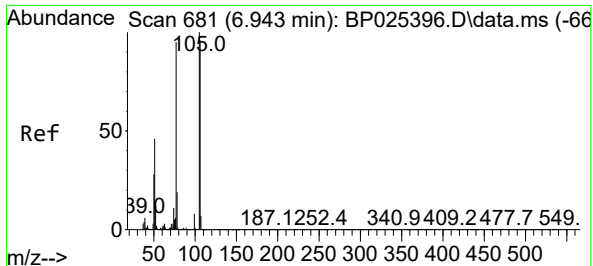
Tgt Ion: 99 Resp: 1335936
Ion Ratio Lower Upper
99 100
42 18.5 13.7 20.5
71 36.7 28.2 42.4



#8
2-Chlorophenol
Concen: 40.707 ng
RT: 7.360 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 128 Resp: 581806
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 45.5 23.4 63.4

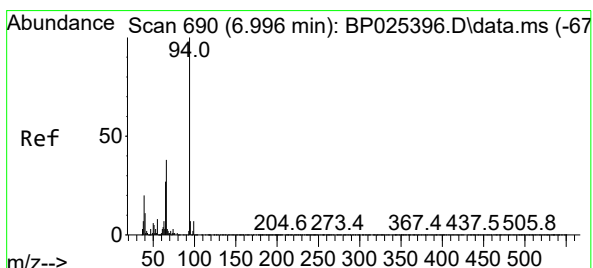
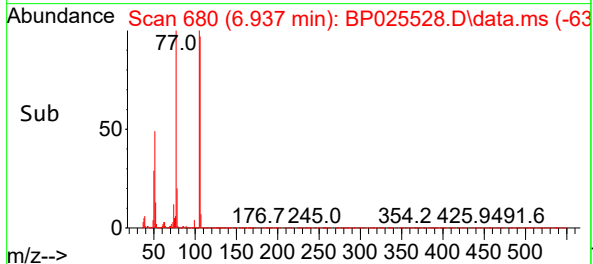
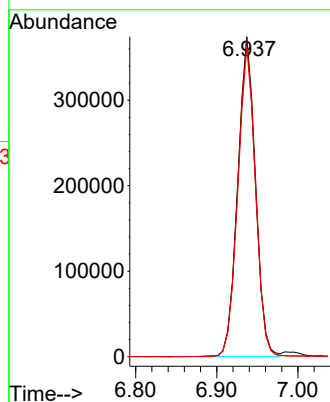
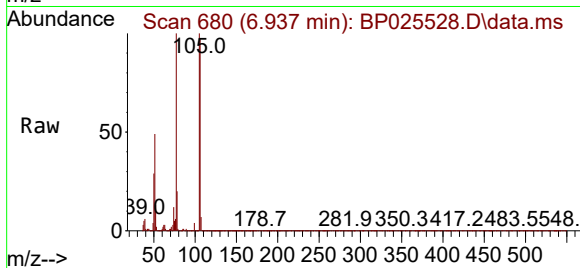




#9
Benzaldehyde
Concen: 49.222 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

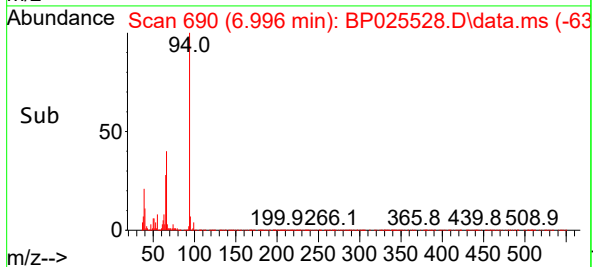
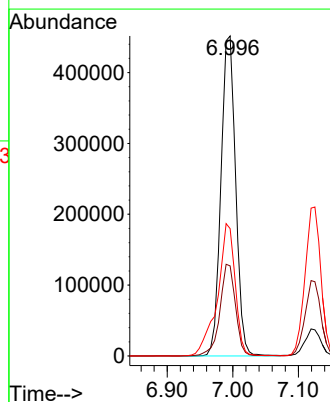
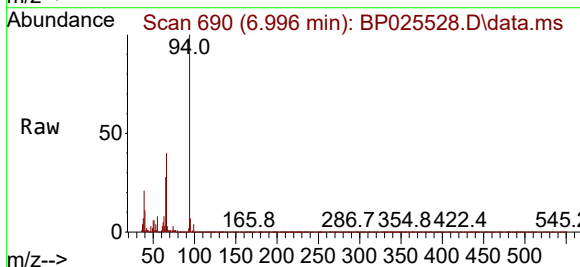
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ClientSampleId :
SSTDCCC040

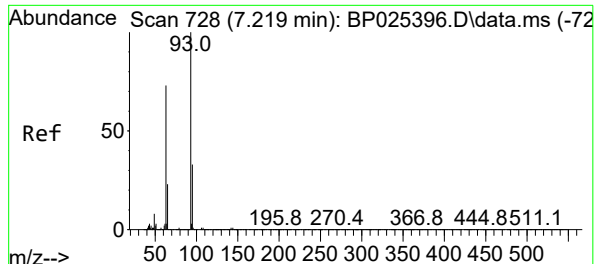
Tgt Ion: 77 Resp: 559981
Ion Ratio Lower Upper
77 100
105 100.2 84.8 124.8
106 96.7 80.5 120.5



#10
Phenol
Concen: 41.075 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 94 Resp: 699876
Ion Ratio Lower Upper
94 100
65 28.2 6.8 46.8
66 39.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 40.272 ng

RT: 7.213 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

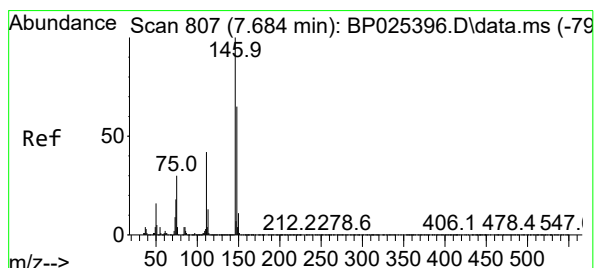
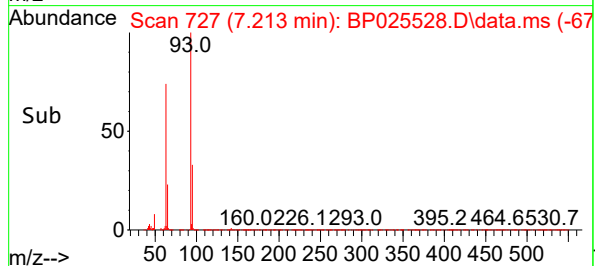
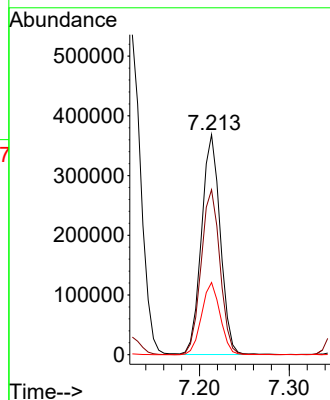
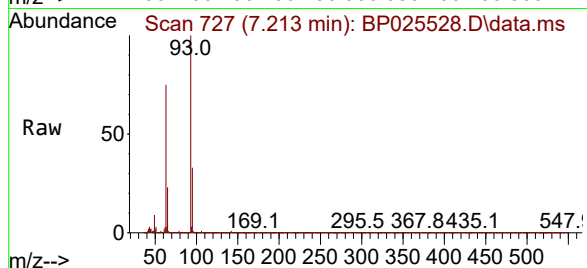
Tgt Ion: 93 Resp: 534841

Ion Ratio Lower Upper

93 100

63 75.0 52.6 92.6

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.834 ng

RT: 7.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

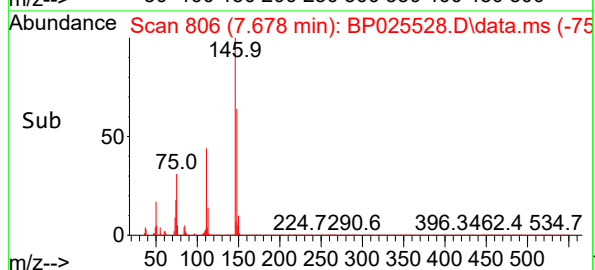
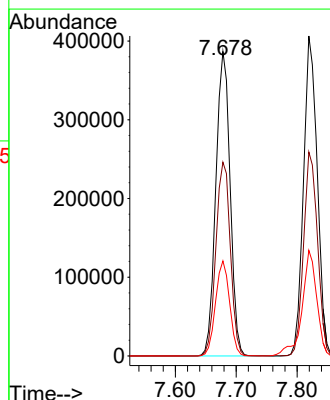
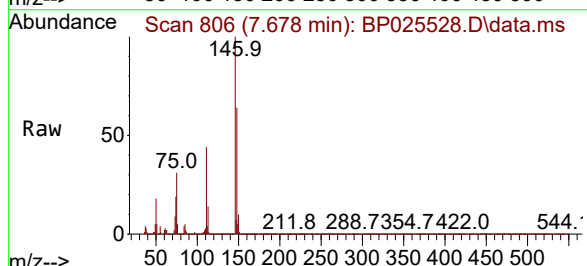
Tgt Ion: 146 Resp: 627773

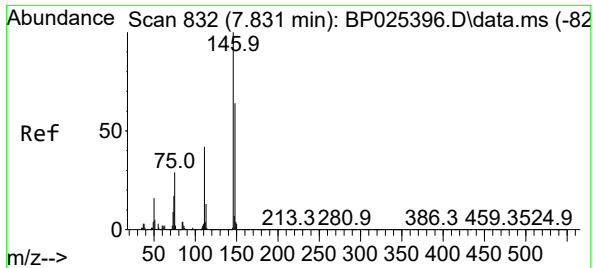
Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

75 31.2 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 39.573 ng

RT: 7.819 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

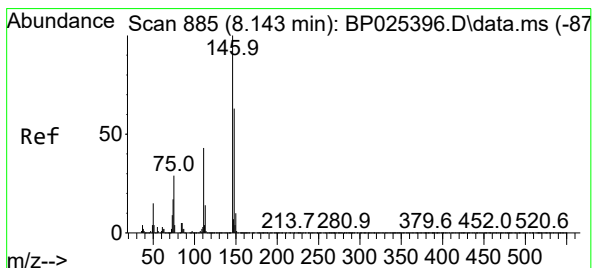
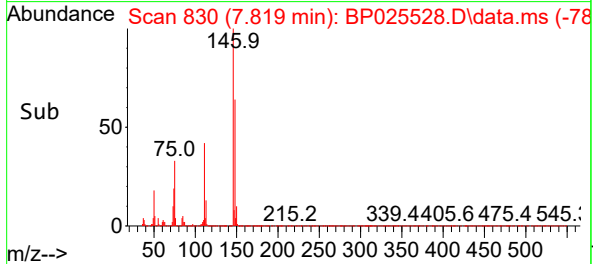
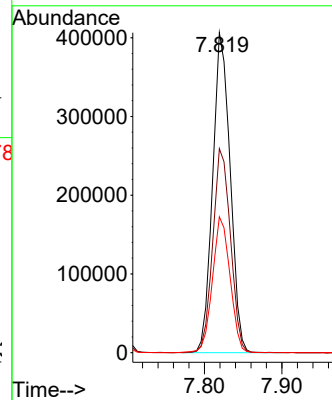
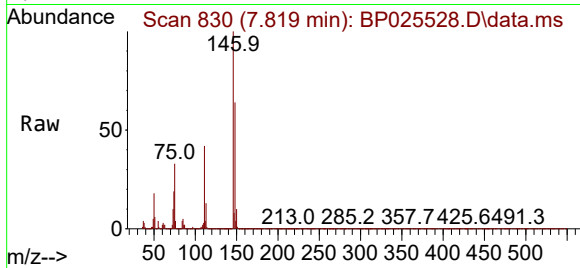
Tgt Ion:146 Resp: 637445

Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

111 42.5 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.615 ng

RT: 8.137 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

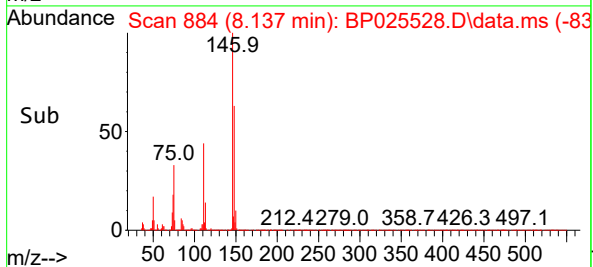
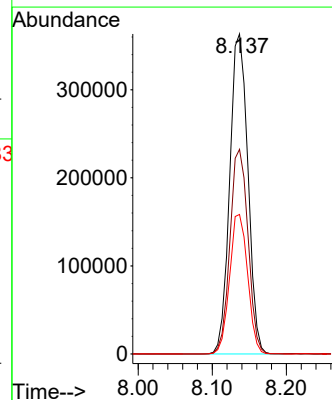
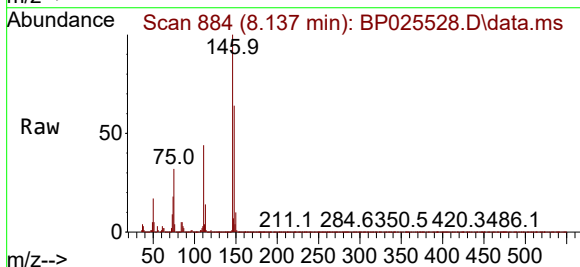
Tgt Ion:146 Resp: 617713

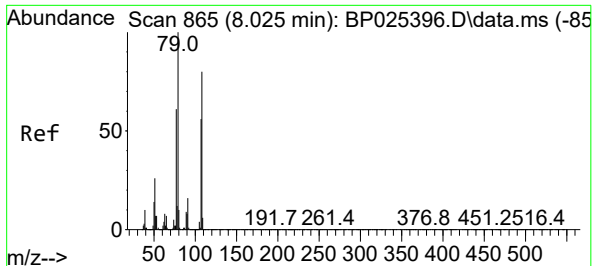
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 43.6 34.5 51.7

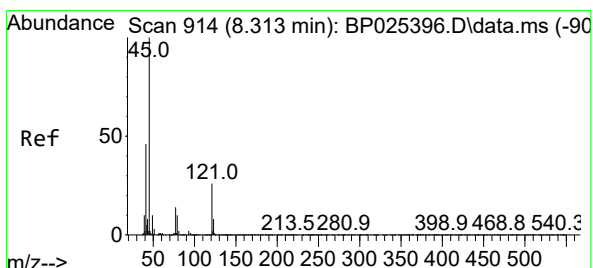
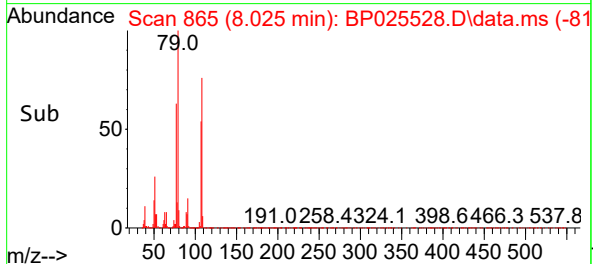
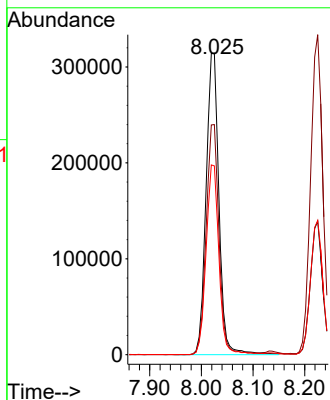
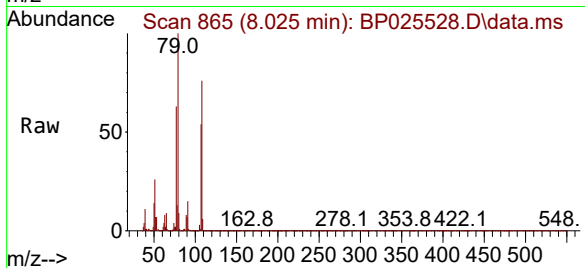




#15
Benzyl Alcohol
Concen: 42.156 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

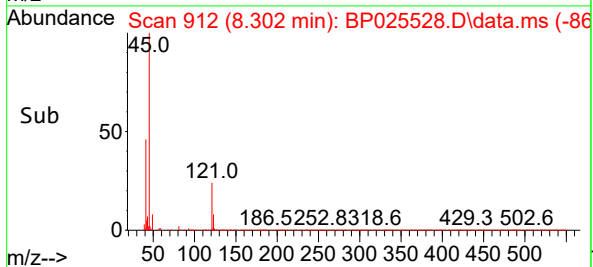
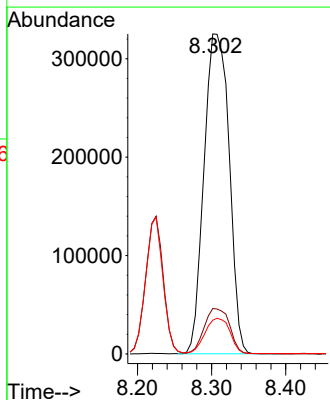
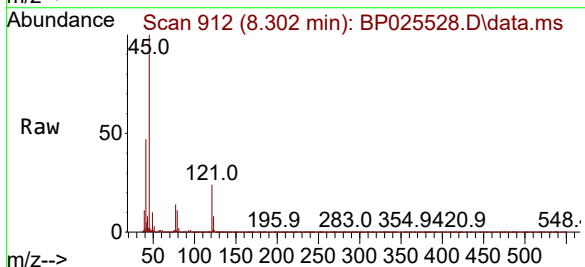
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

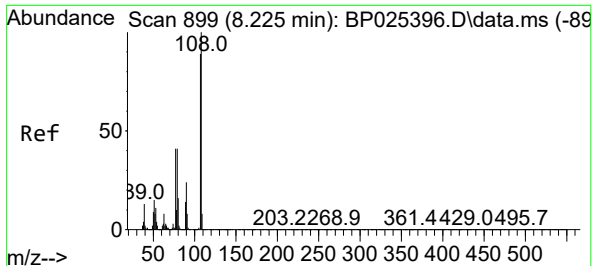
Tgt Ion: 79 Resp: 543909
Ion Ratio Lower Upper
79 100
108 76.3 63.8 95.6
77 62.6 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.083 ng
RT: 8.302 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 45 Resp: 766477
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.3
79 10.5 0.0 31.8

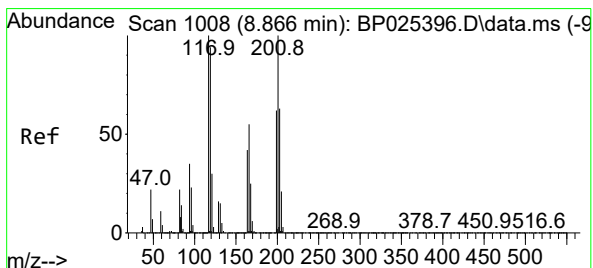
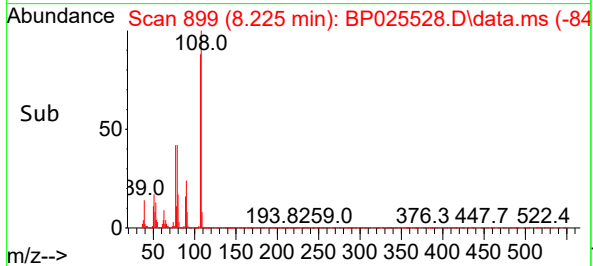
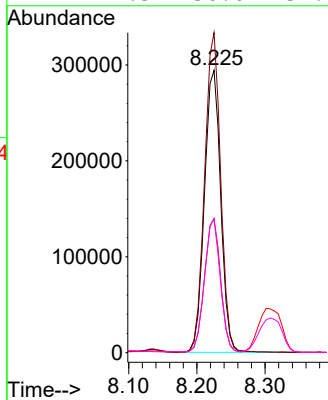
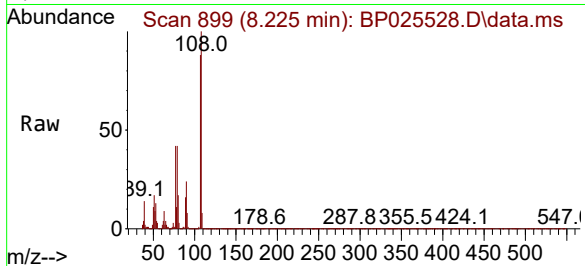




#17
2-Methylphenol
Concen: 41.208 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

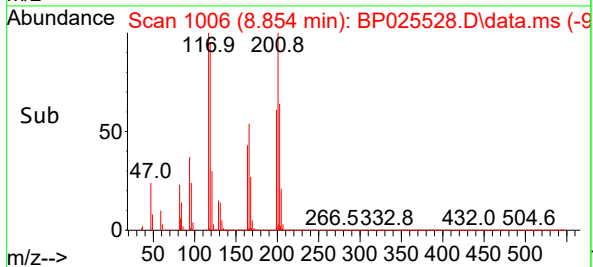
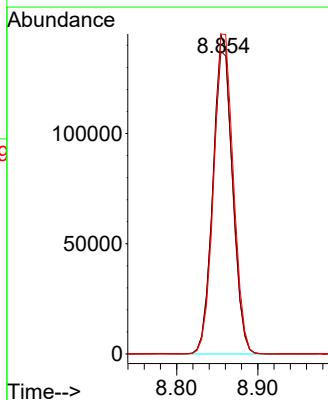
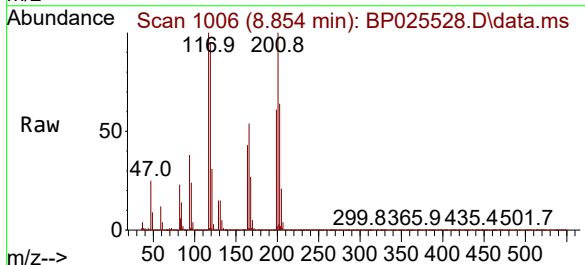
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

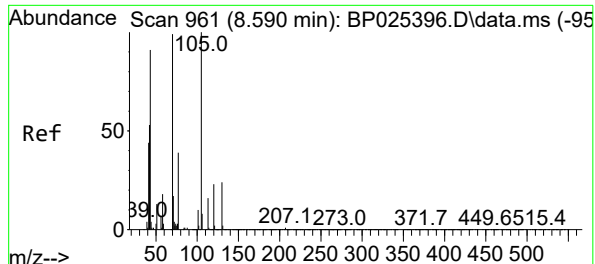
Tgt Ion:107 Resp: 487657
Ion Ratio Lower Upper
107 100
108 113.3 89.4 134.0
77 47.5 36.3 54.5
79 47.3 36.6 54.8



#18
Hexachloroethane
Concen: 40.767 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:117 Resp: 241449
Ion Ratio Lower Upper
117 100
119 94.9 75.1 112.7
201 100.4 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.542 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 436071

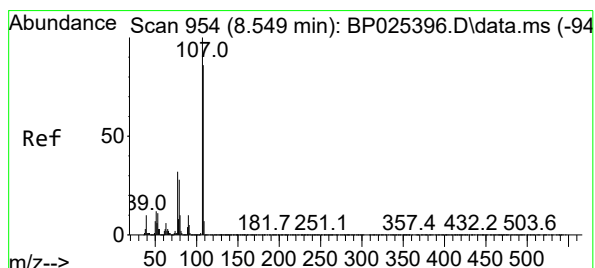
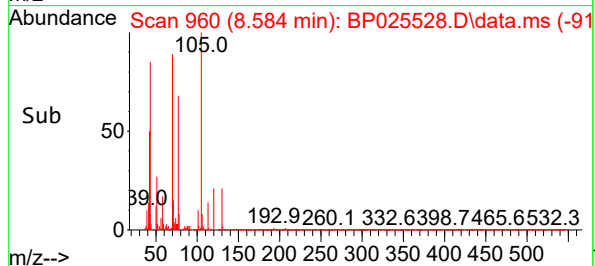
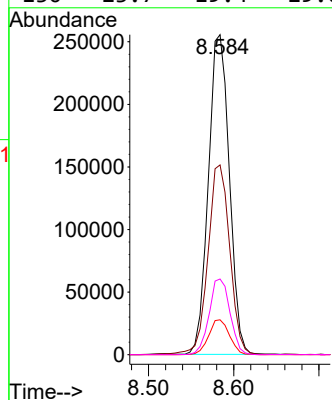
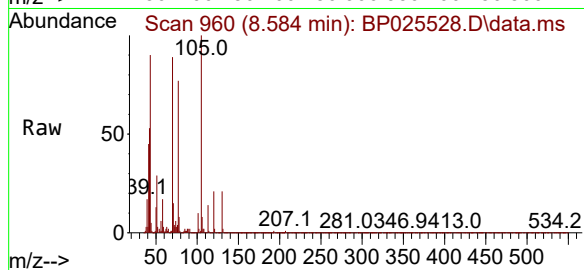
Ion Ratio Lower Upper

70 100

42 59.3 43.8 65.6

101 10.9 8.5 12.7

130 23.7 19.4 29.0



#20

3+4-Methylphenols

Concen: 40.875 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Tgt Ion: 107 Resp: 670504

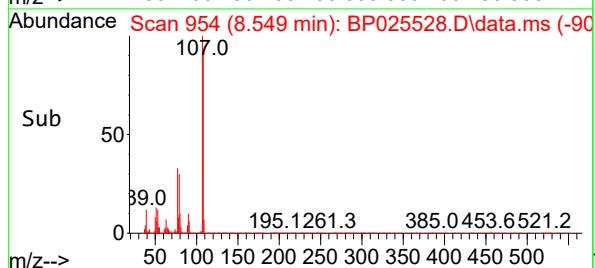
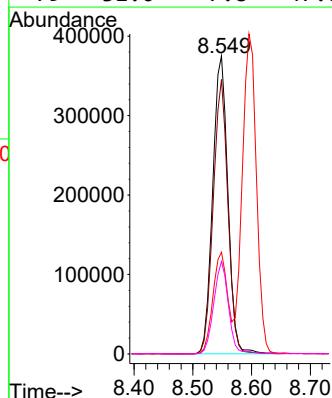
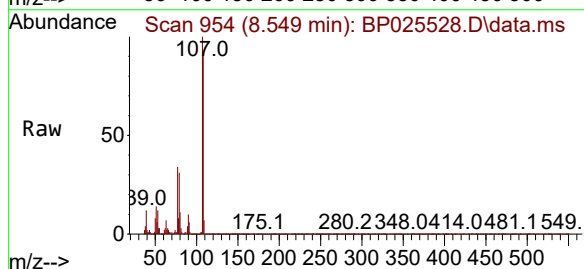
Ion Ratio Lower Upper

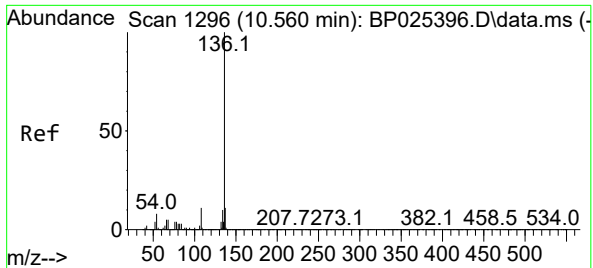
107 100

108 92.0 66.3 106.3

77 34.1 12.3 52.3

79 31.0 7.8 47.8

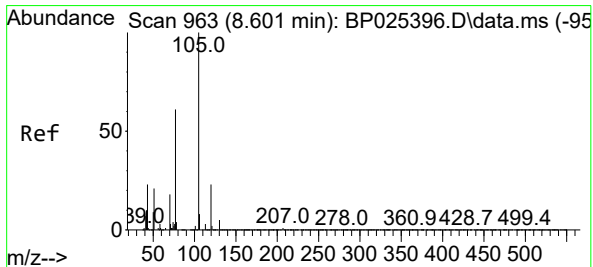
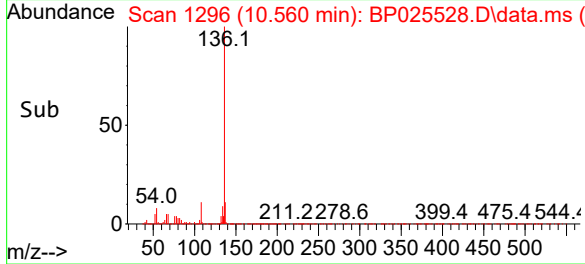
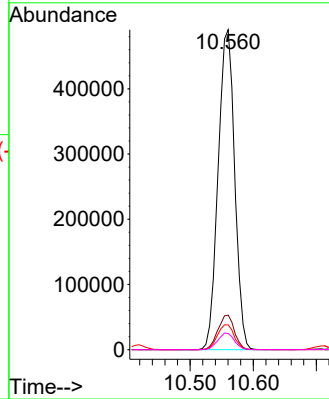
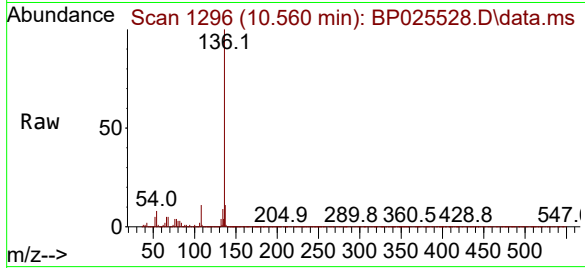




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

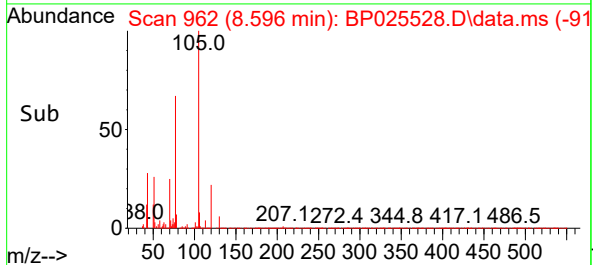
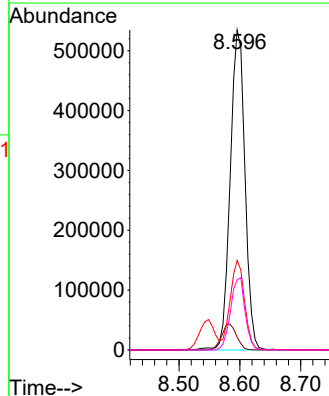
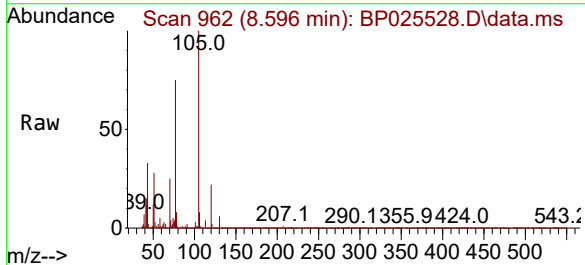
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

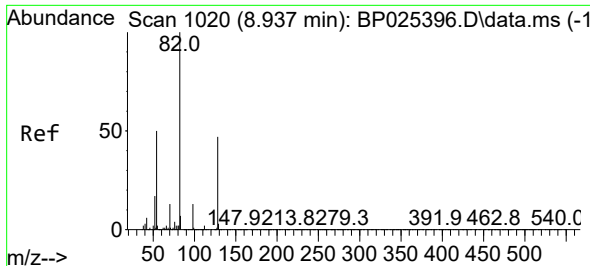
Tgt Ion:	136	Resp:	893021
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 40.242 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:	105	Resp:	901234
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.6	4.0#
51	28.0	20.6	30.8
120	21.9	18.6	27.8





#23

Nitrobenzene-d5

Concen: 81.750 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

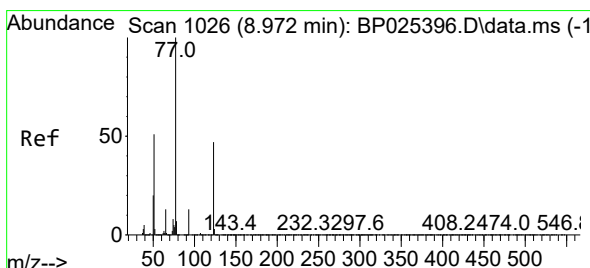
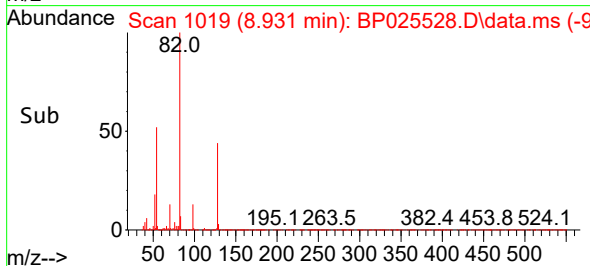
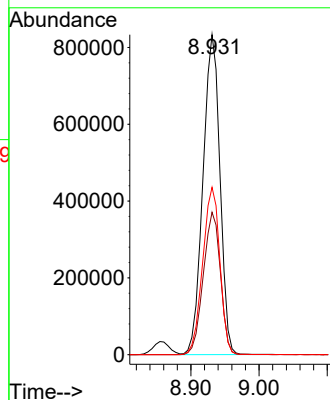
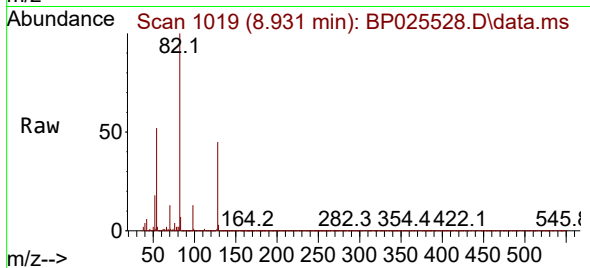
Tgt Ion: 82 Resp: 1443187

Ion Ratio Lower Upper

82 100

128 44.5 37.7 56.5

54 52.3 39.8 59.6



#24

Nitrobenzene

Concen: 41.331 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

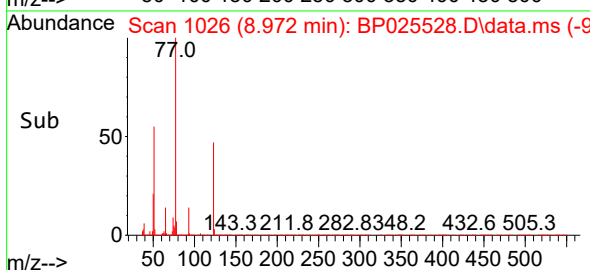
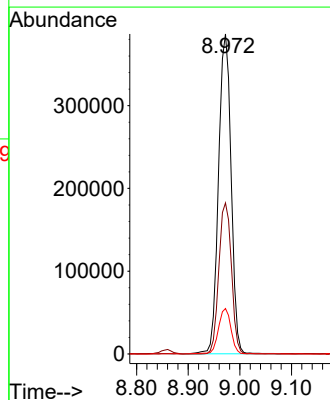
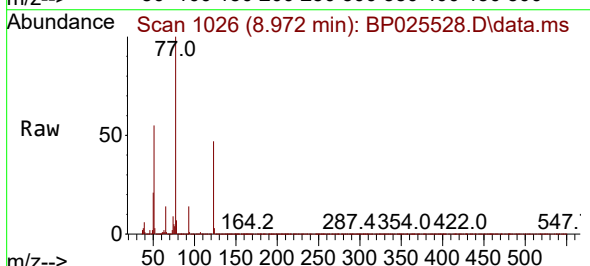
Tgt Ion: 77 Resp: 652095

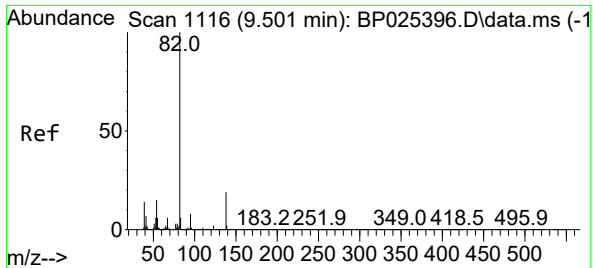
Ion Ratio Lower Upper

77 100

123 47.2 38.6 58.0

65 14.2 10.6 15.8

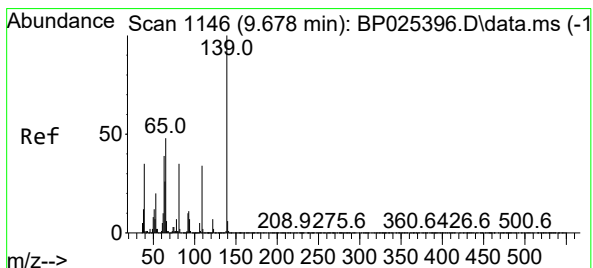
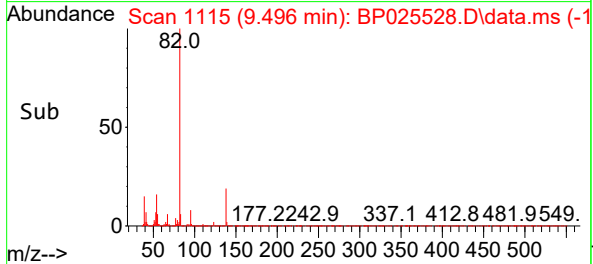
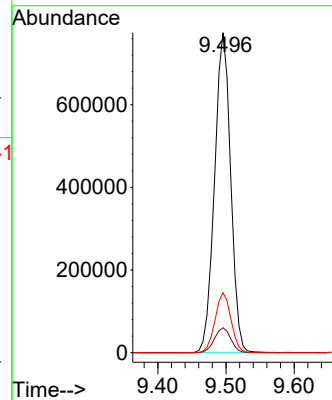
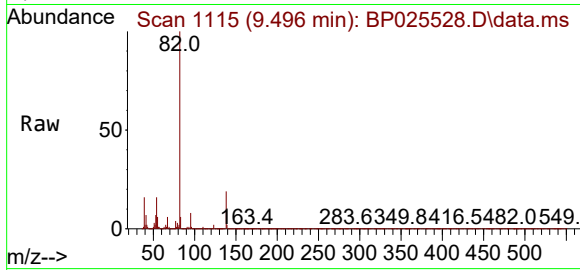




#25
Isophorone
Concen: 40.795 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

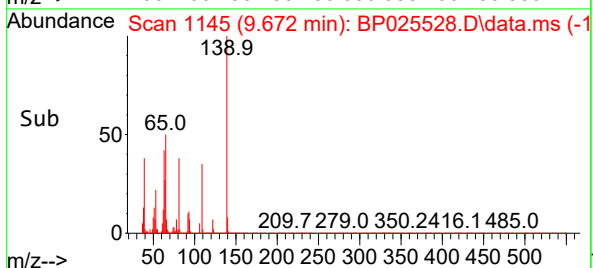
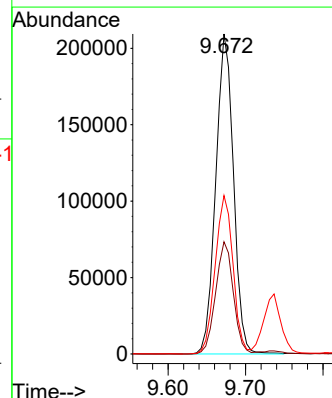
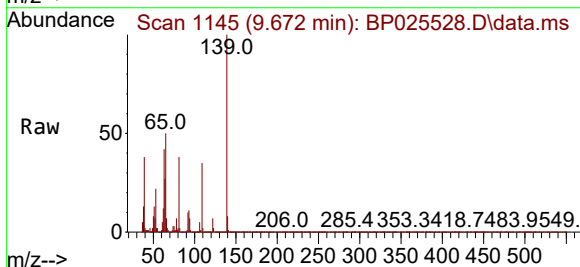
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

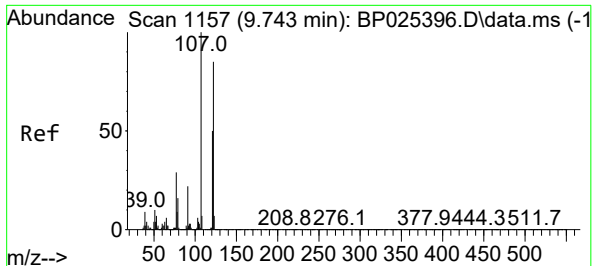
Tgt Ion: 82 Resp: 1274526
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.7 15.4 23.0



#26
2-Nitrophenol
Concen: 41.048 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion: 139 Resp: 332366
Ion Ratio Lower Upper
139 100
109 35.0 26.9 40.3
65 49.5 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.905 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

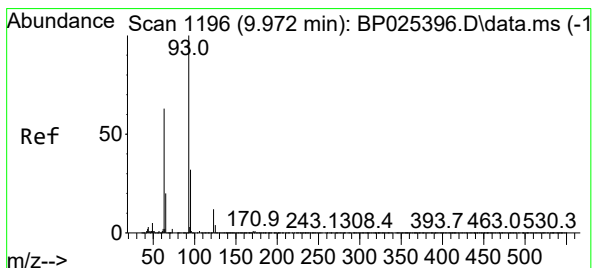
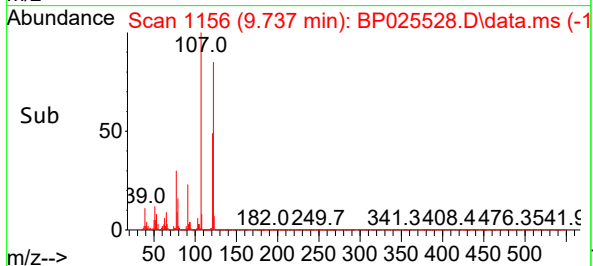
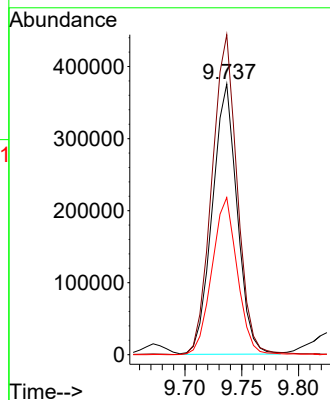
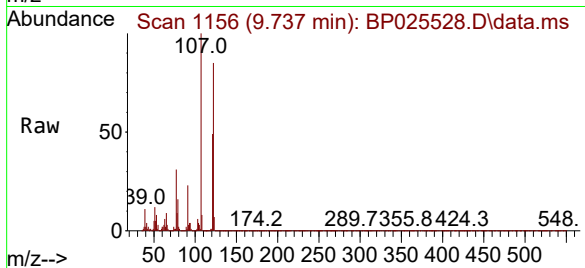
Tgt Ion:122 Resp: 569584

Ion Ratio Lower Upper

122 100

107 118.2 93.7 140.5

121 58.0 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.830 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

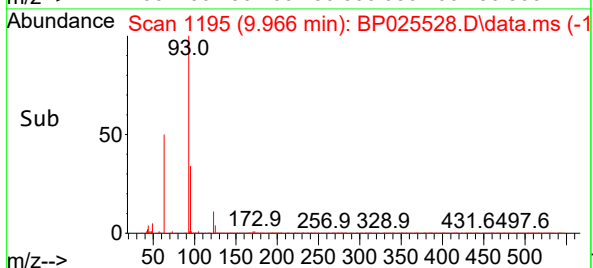
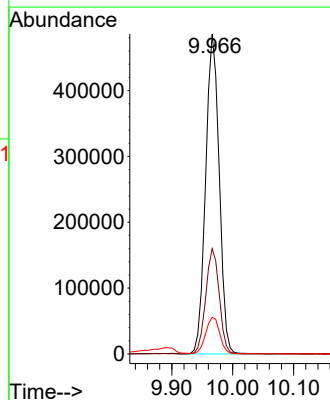
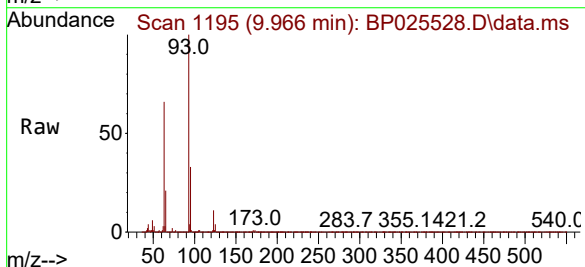
Tgt Ion: 93 Resp: 752214

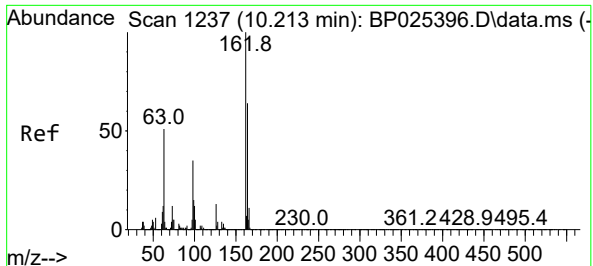
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.321 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

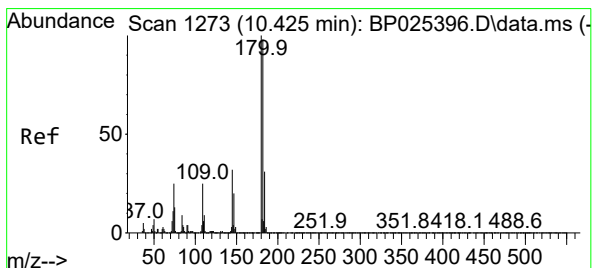
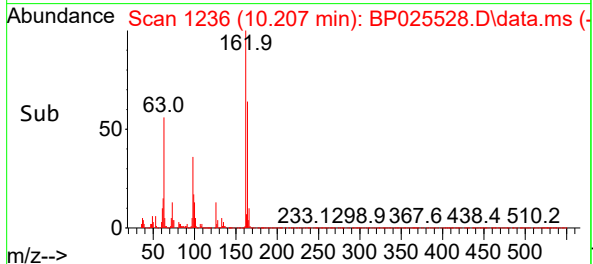
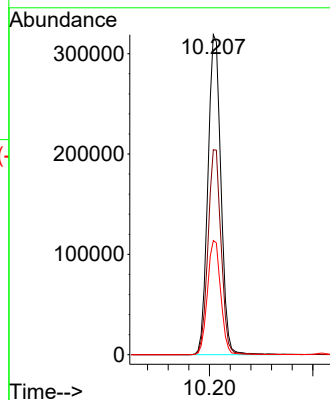
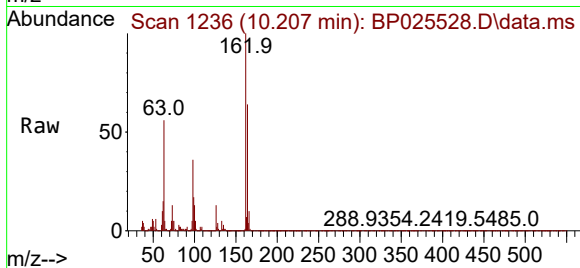
Tgt Ion:162 Resp: 557739

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

98 35.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 38.224 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

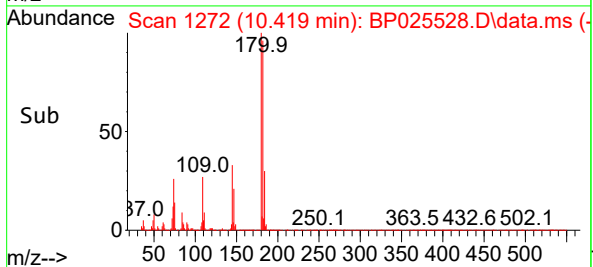
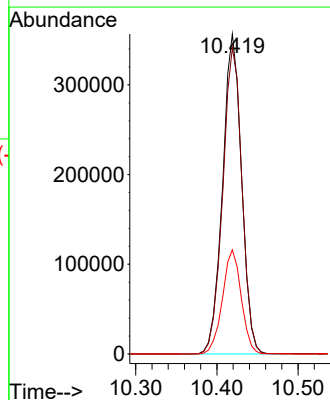
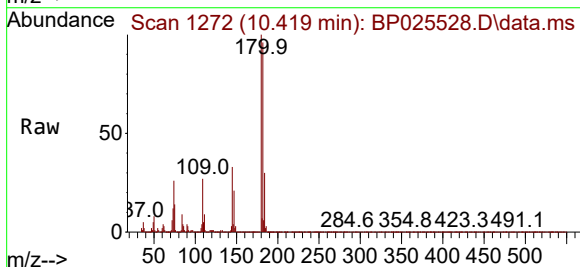
Tgt Ion:180 Resp: 579601

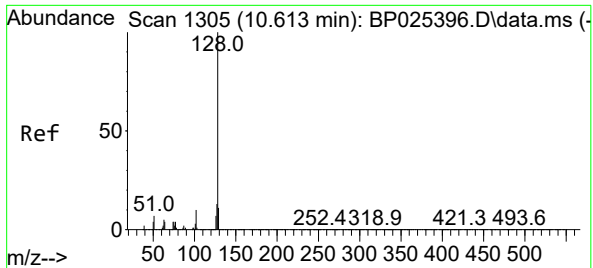
Ion Ratio Lower Upper

180 100

182 95.7 78.0 117.0

145 32.6 25.9 38.9





#31

Naphthalene

Concen: 39.071 ng

RT: 10.607 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

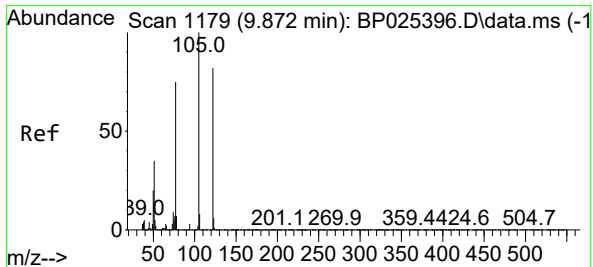
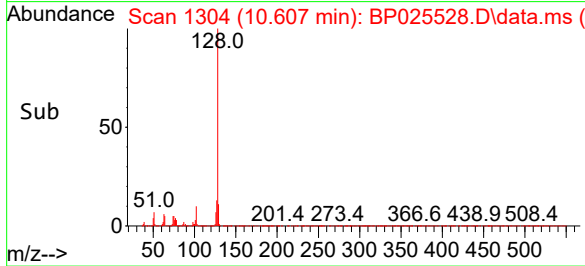
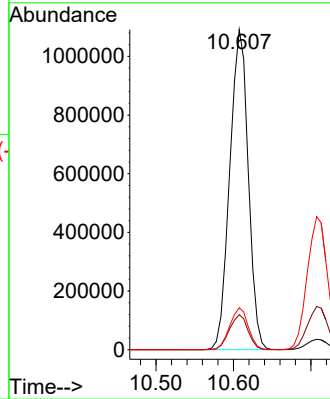
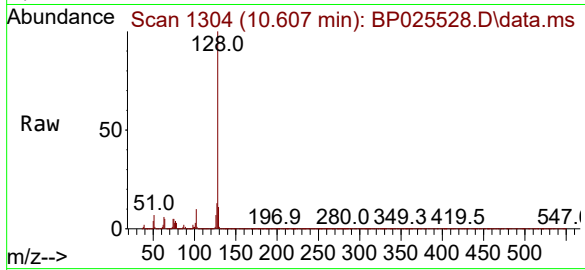
Tgt Ion:128 Resp: 1813476

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 42.778 ng

RT: 9.896 min Scan# 1183

Delta R.T. 0.024 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

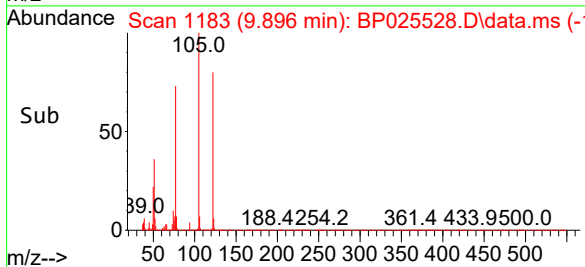
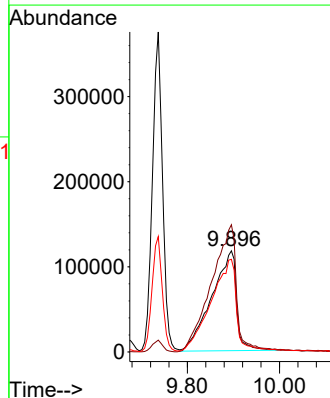
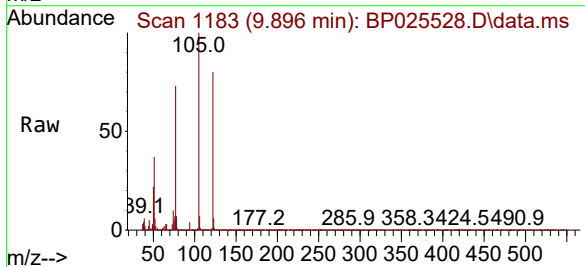
Tgt Ion:122 Resp: 439768

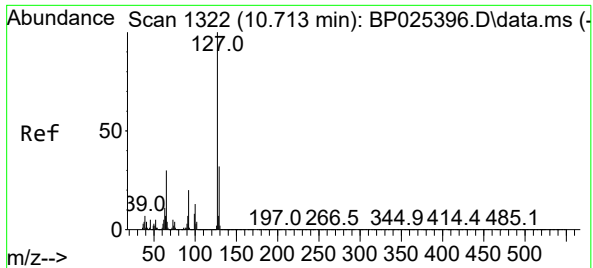
Ion Ratio Lower Upper

122 100

105 125.7 100.6 140.6

77 91.6 71.5 111.5

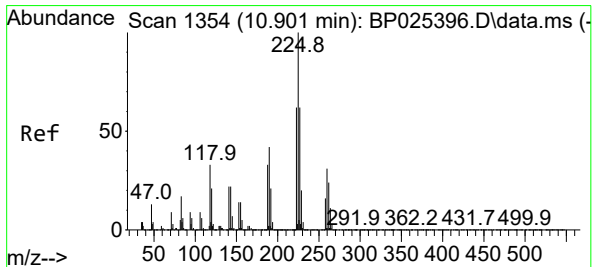
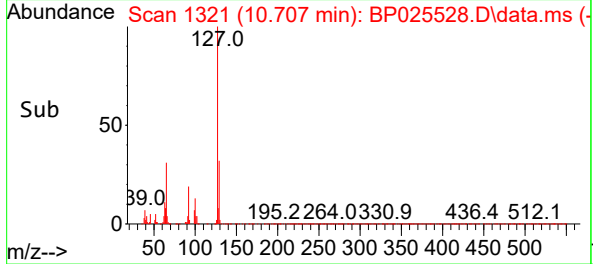
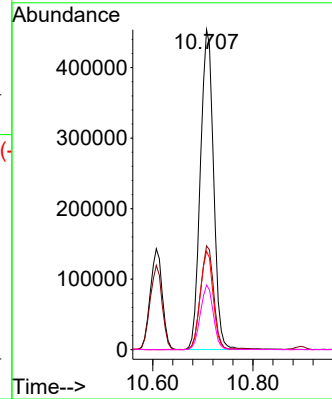
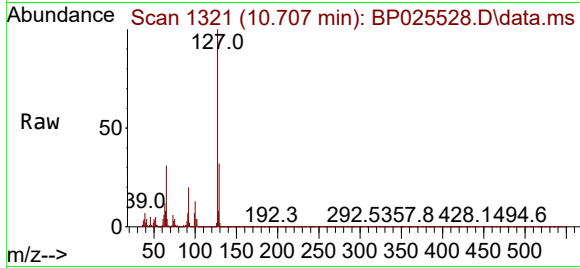




#33
4-Chloroaniline
Concen: 40.477 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

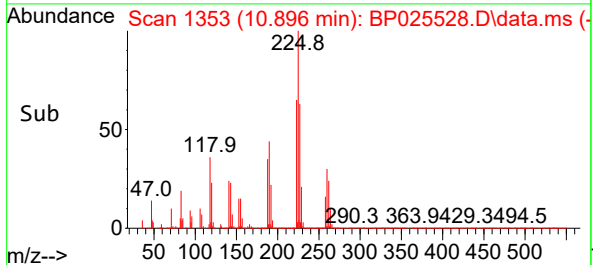
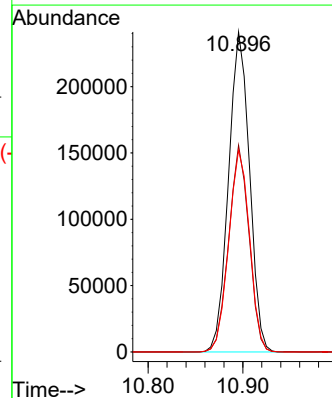
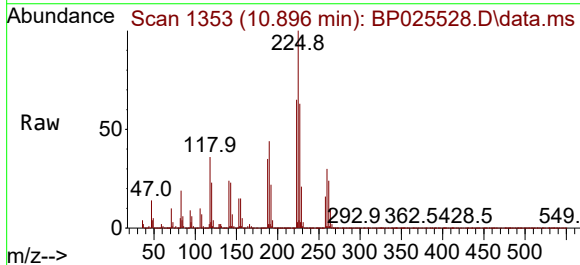
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

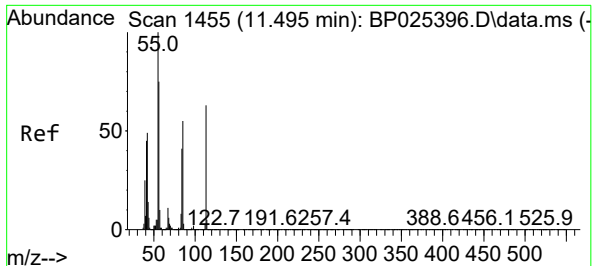
Tgt Ion:	127	Resp:	829890
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	30.7	23.8	35.6
92	20.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.290 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:	225	Resp:	371034
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.0	75.0
227	63.1	49.7	74.5

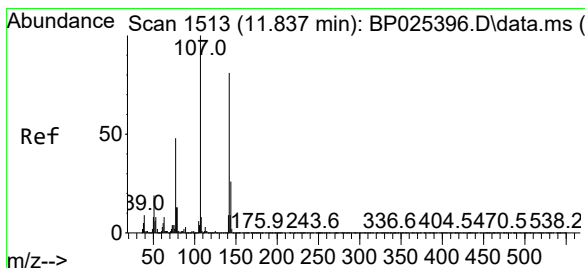
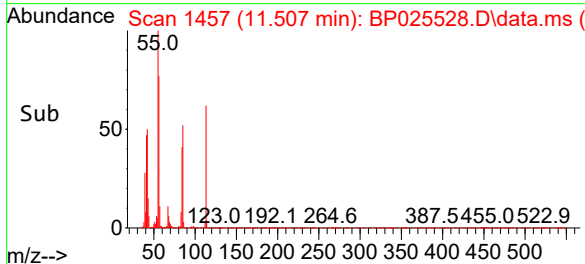
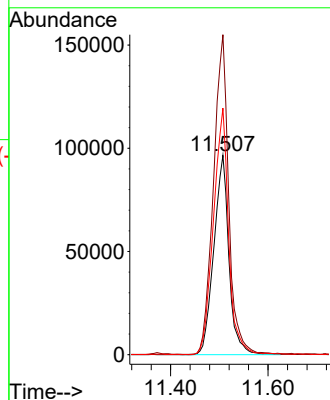
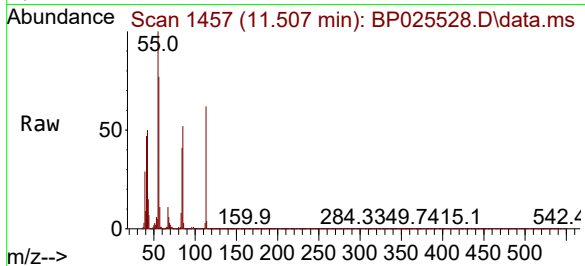




#35
Caprolactam
Concen: 40.851 ng
RT: 11.507 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

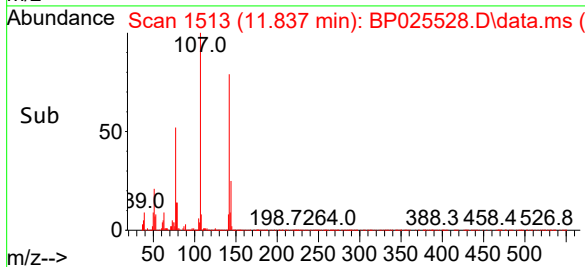
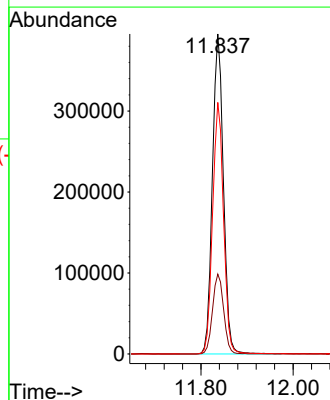
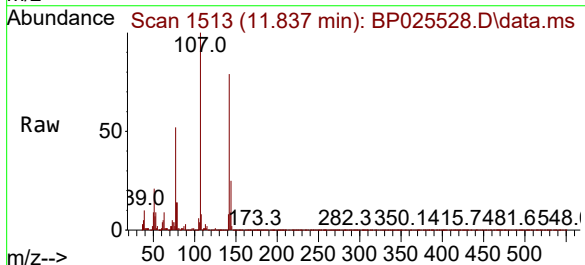
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

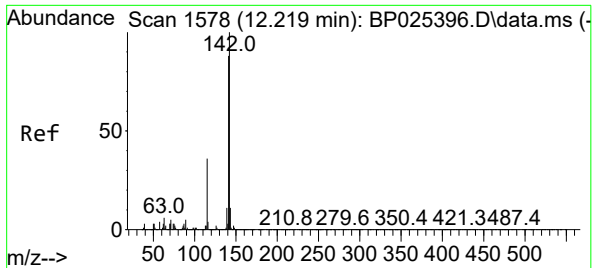
Tgt Ion:113 Resp: 207200
Ion Ratio Lower Upper
113 100
55 160.6 140.0 180.0
56 123.7 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 41.225 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:107 Resp: 654337
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.4
142 78.6 64.6 97.0

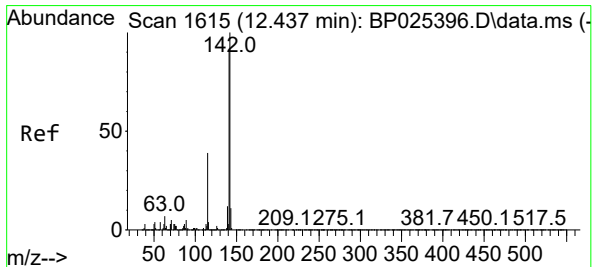
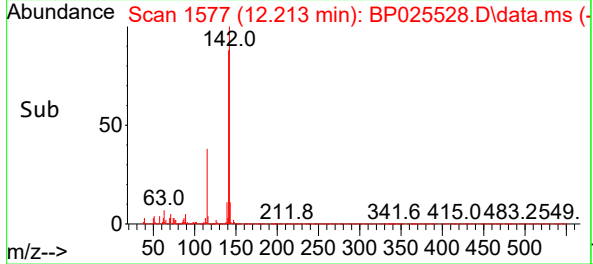
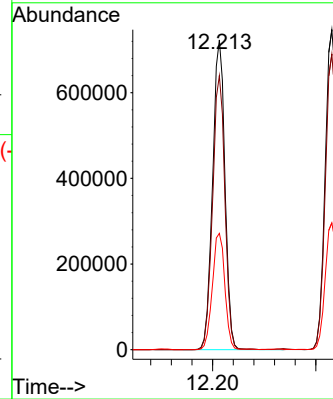
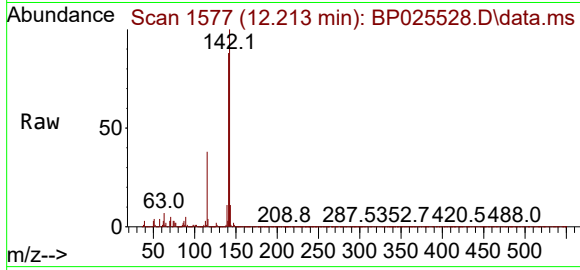




#37
2-Methylnaphthalene
Concen: 39.701 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

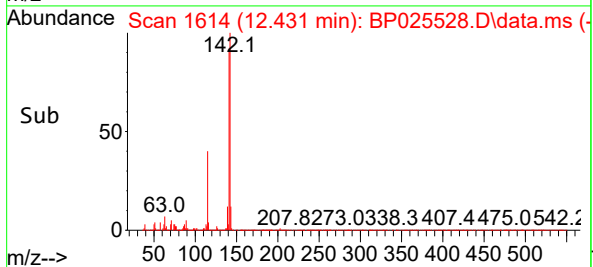
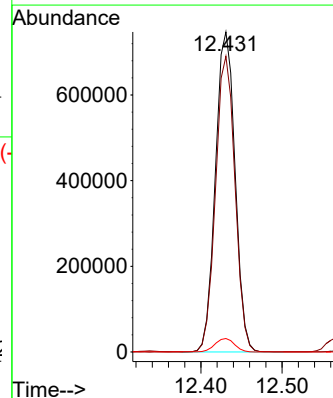
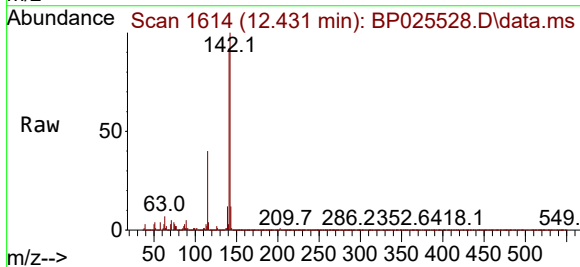
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

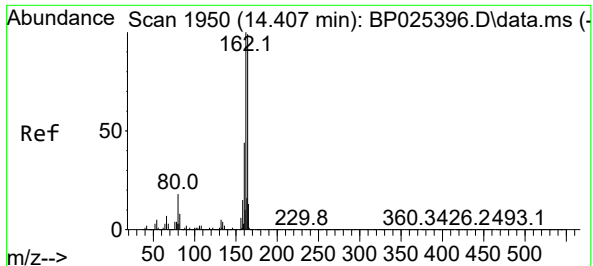
Tgt Ion:142 Resp: 1199198
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 37.6 28.9 43.3



#38
1-Methylnaphthalene
Concen: 39.062 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:142 Resp: 1254785
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7
116 4.2 3.2 4.8

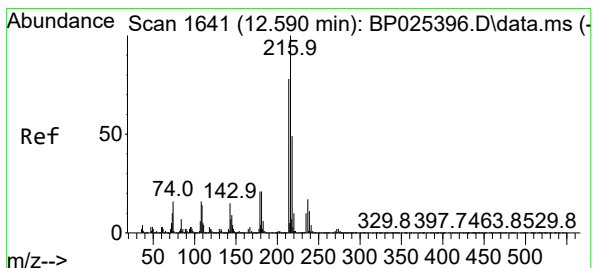
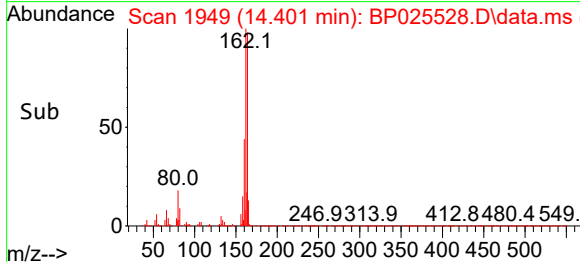
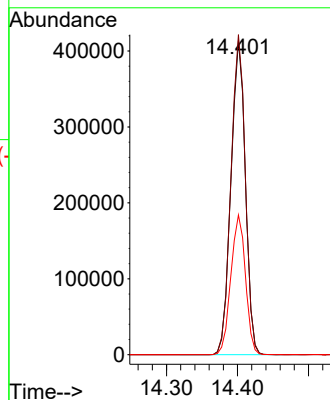
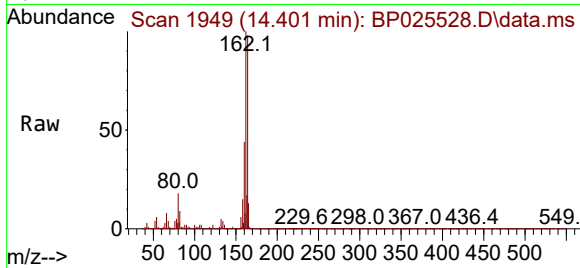




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

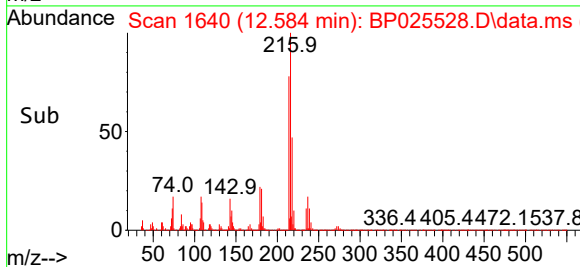
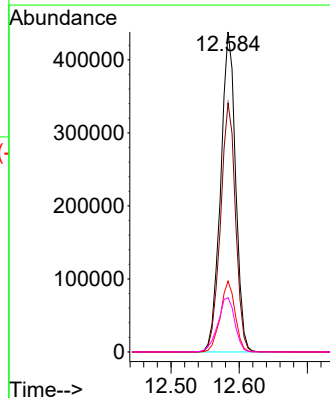
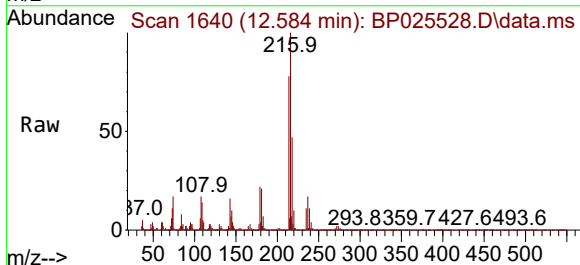
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

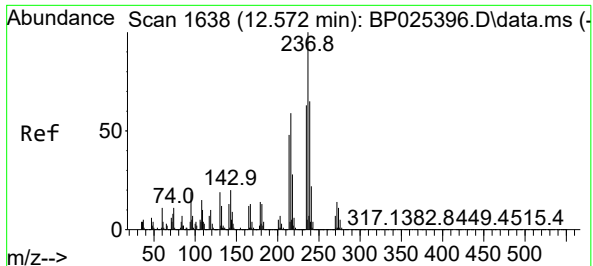
Tgt Ion:164 Resp: 582847
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.778 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:216 Resp: 669588
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 21.9 17.1 25.7
108 19.2 14.9 22.3

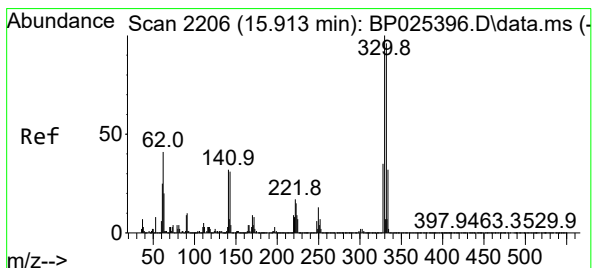
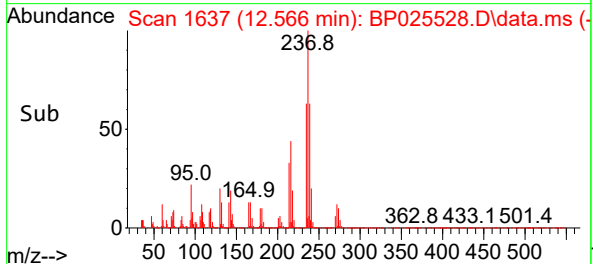
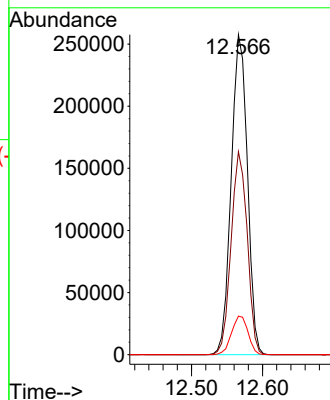
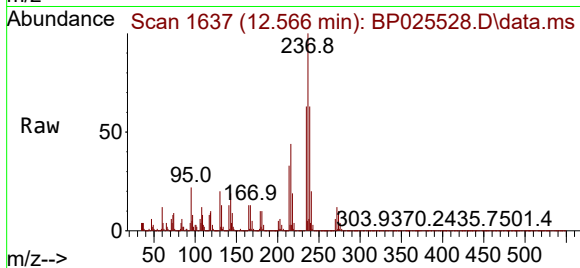




#41
Hexachlorocyclopentadiene
Concen: 40.117 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

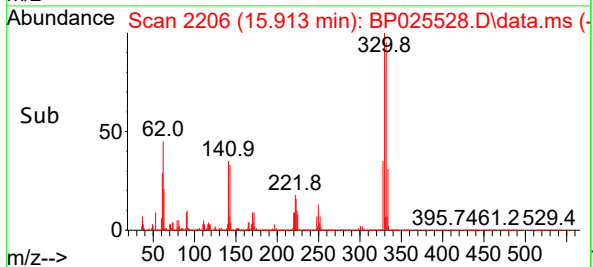
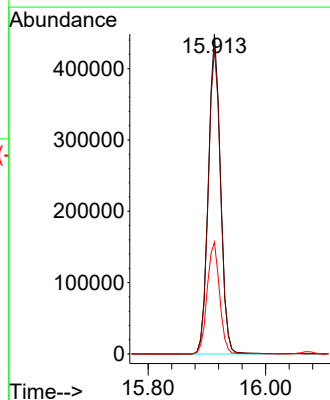
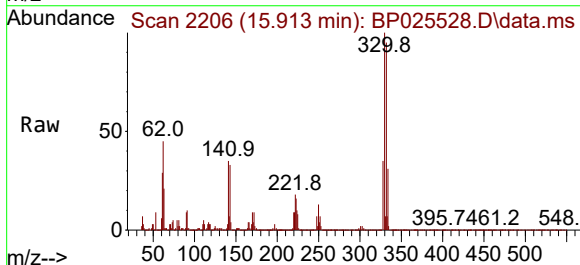
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

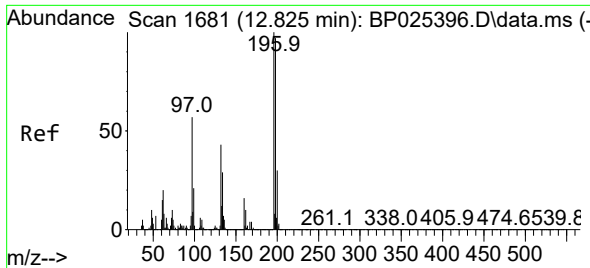
Tgt Ion:237 Resp: 407908
Ion Ratio Lower Upper
237 100
235 63.4 42.7 82.7
272 12.1 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 81.551 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:330 Resp: 639783
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.7 26.6 39.8

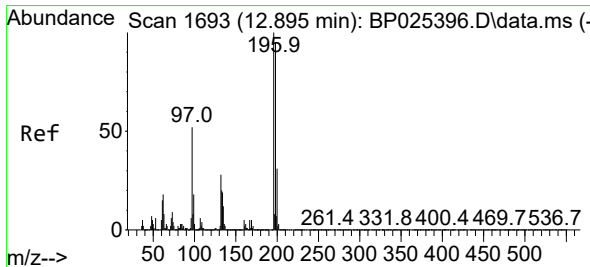
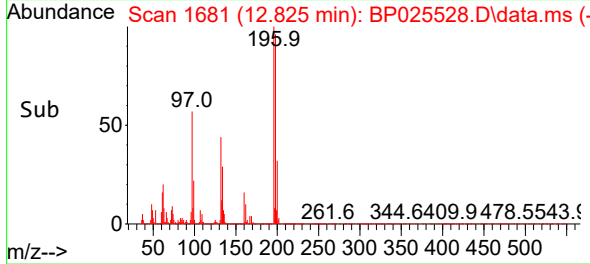
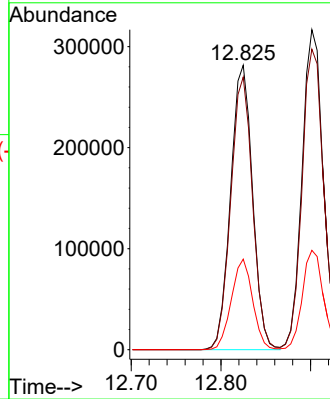
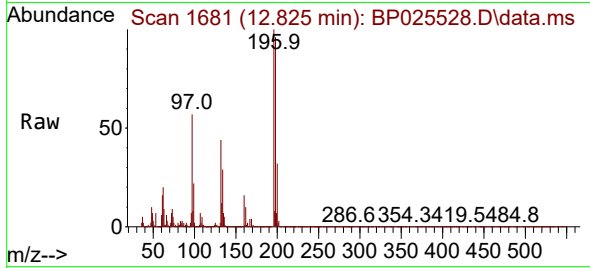




#43
2,4,6-Trichlorophenol
Concen: 42.093 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

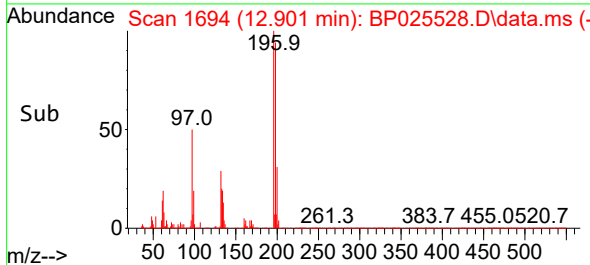
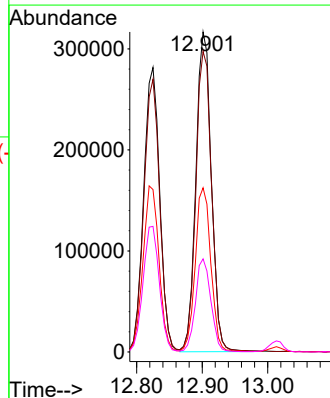
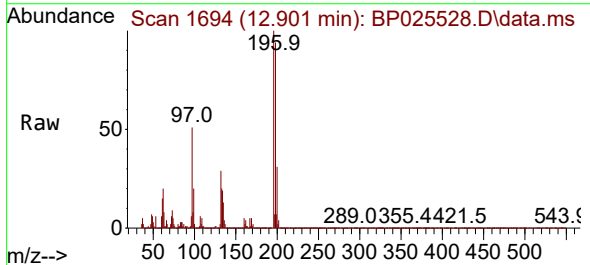
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

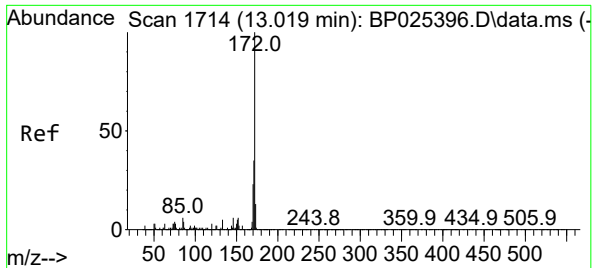
Tgt Ion:196 Resp: 478356
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
200 31.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 41.781 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:196 Resp: 520387
Ion Ratio Lower Upper
196 100
198 93.9 76.2 114.2
97 51.3 41.2 61.8
132 29.1 22.6 34.0

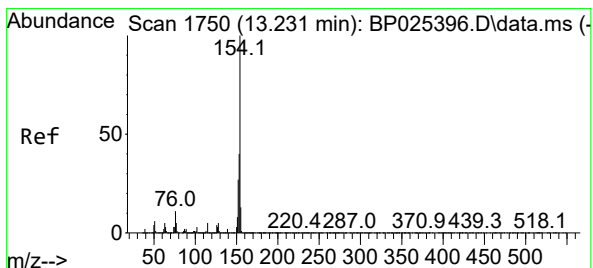
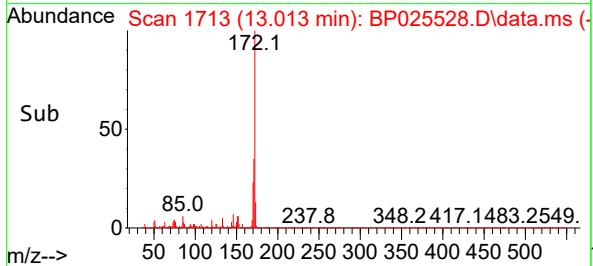
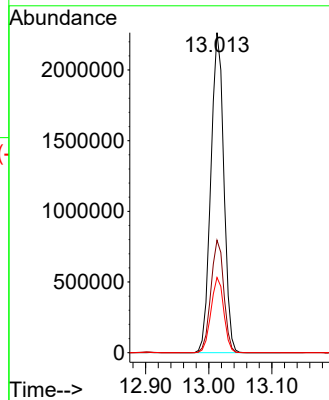
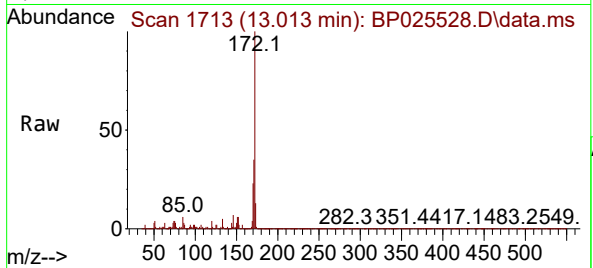




#45
2-Fluorobiphenyl
Concen: 75.599 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

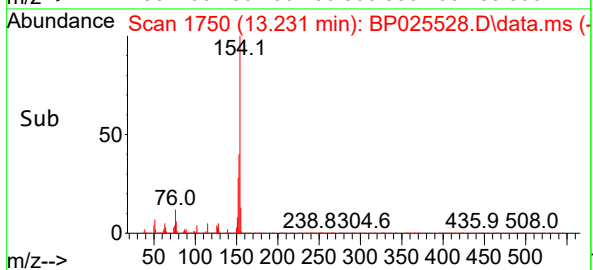
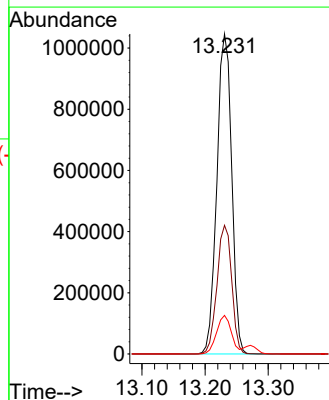
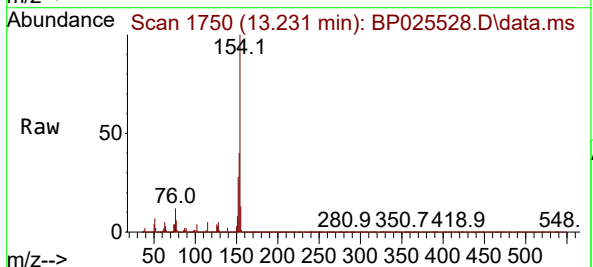
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

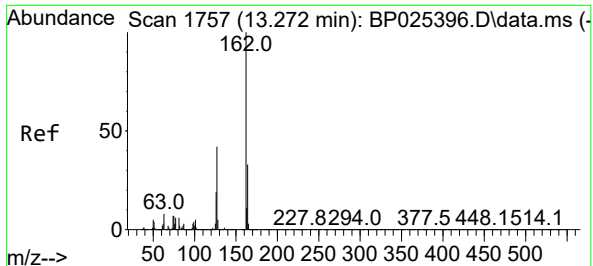
Tgt Ion:172 Resp: 3224036
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.191 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:154 Resp: 1701266
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.774 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

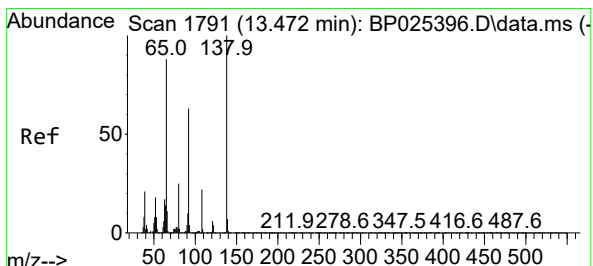
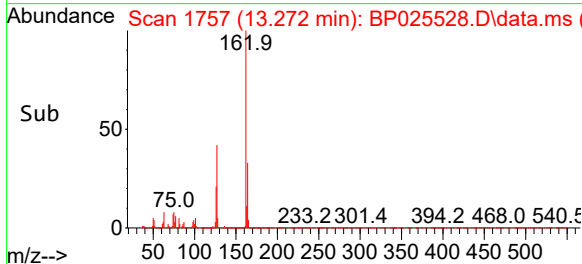
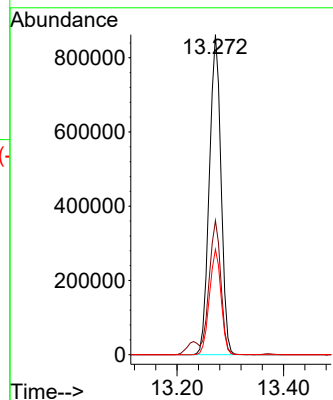
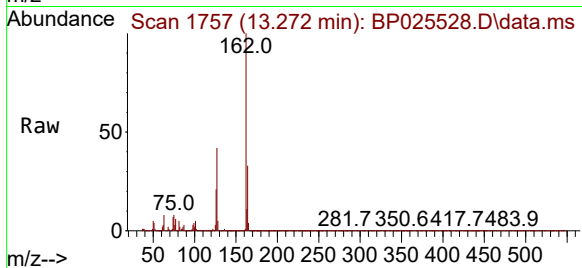
Tgt Ion:162 Resp: 1310696

Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 45.353 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

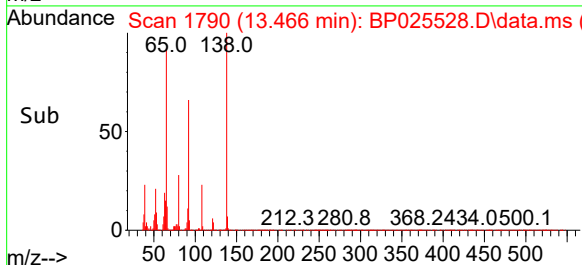
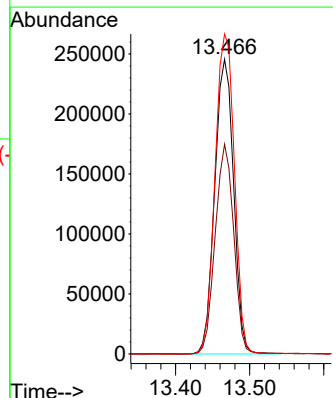
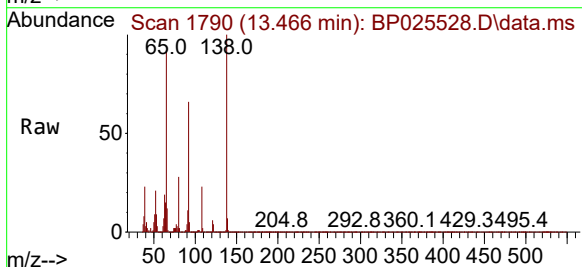
Tgt Ion: 65 Resp: 435470

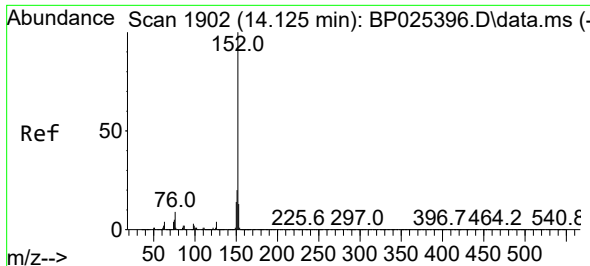
Ion Ratio Lower Upper

65 100

92 71.2 57.6 86.4

138 108.5 91.0 136.6

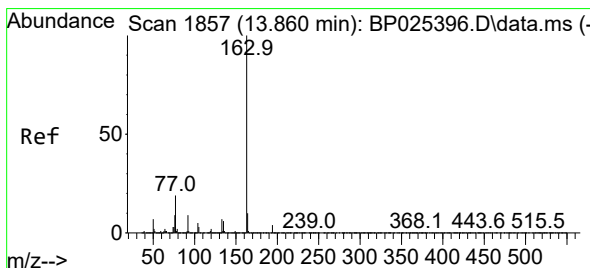
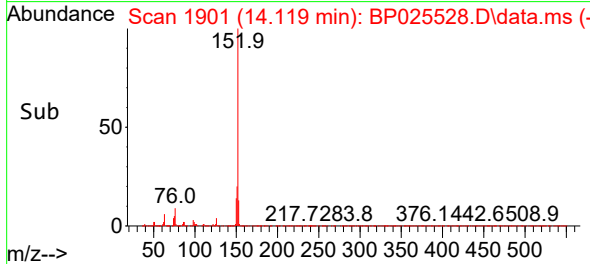
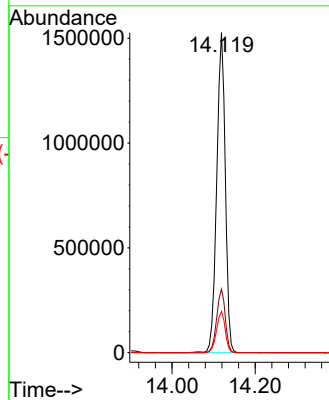
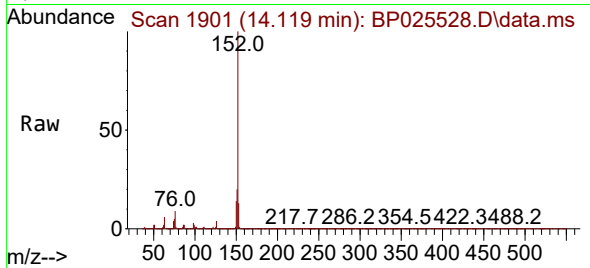




#49
Acenaphthylene
Concen: 39.943 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

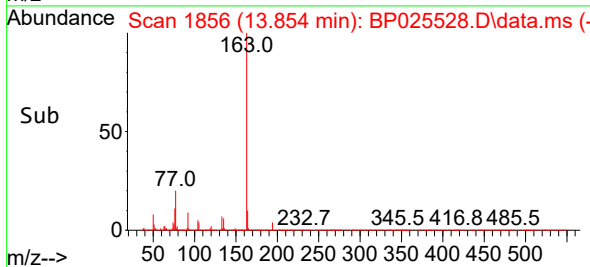
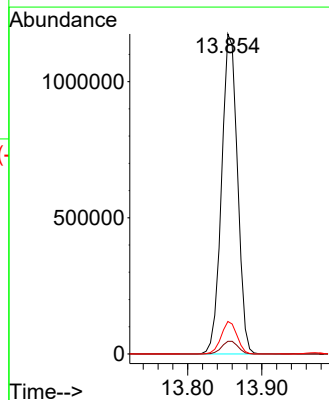
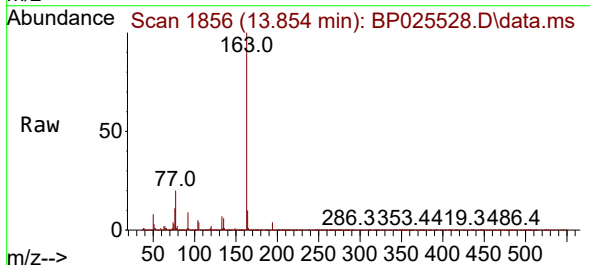
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

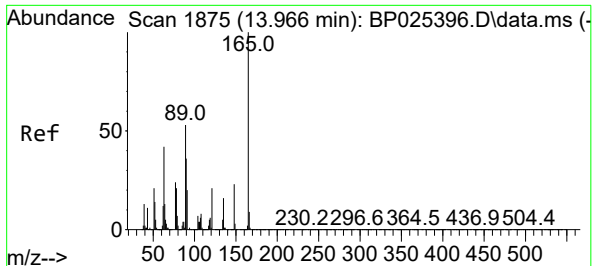
Tgt Ion:152 Resp: 2178041
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 41.027 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:163 Resp: 1751072
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 7.9 11.9

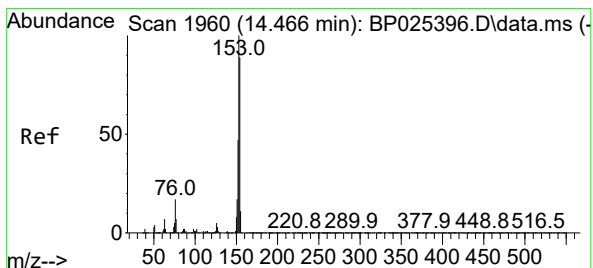
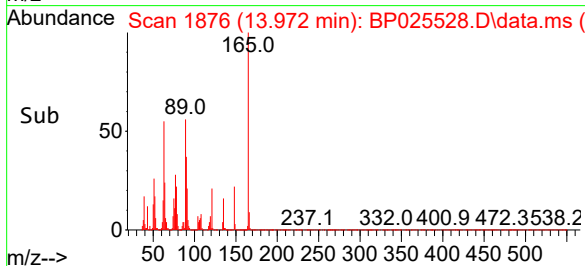
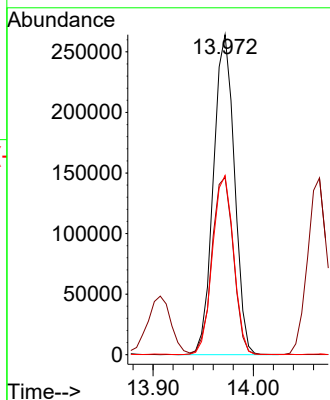
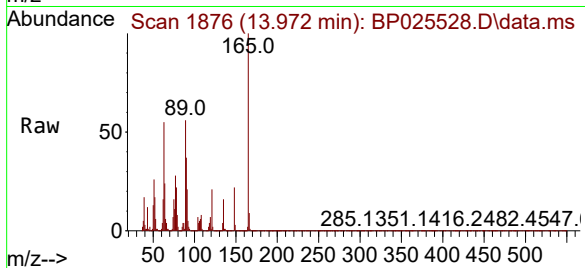




#51
2,6-Dinitrotoluene
Concen: 42.738 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

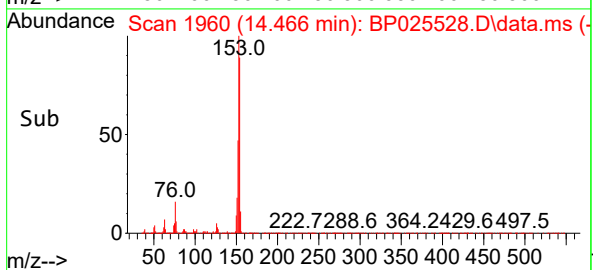
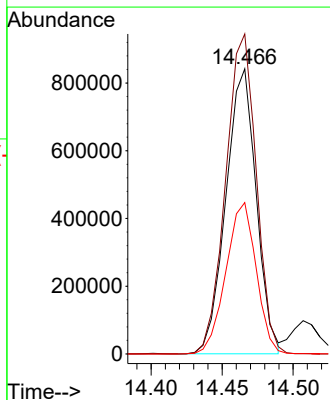
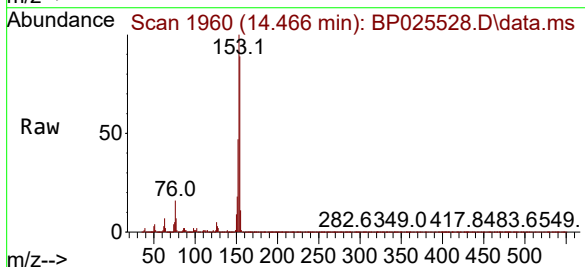
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

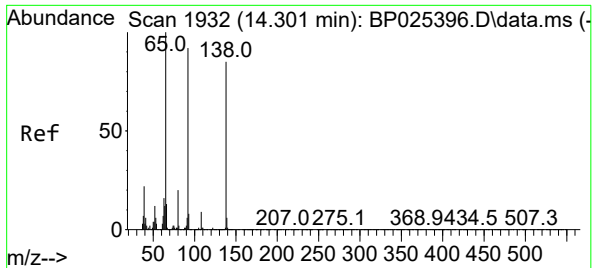
Tgt Ion:165 Resp: 384470
Ion Ratio Lower Upper
165 100
63 55.4 40.9 61.3
89 56.0 42.1 63.1



#52
Acenaphthene
Concen: 39.164 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:154 Resp: 1253527
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.2
152 53.1 42.1 63.1

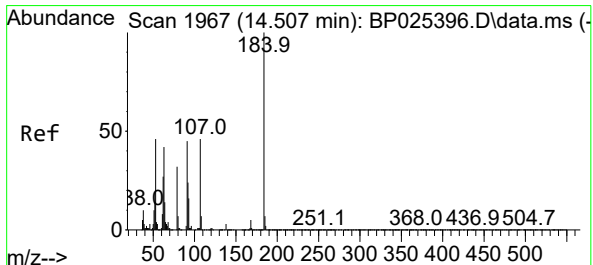
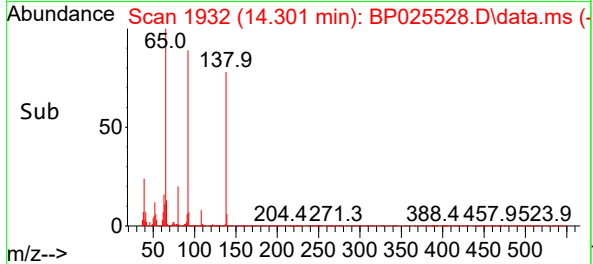
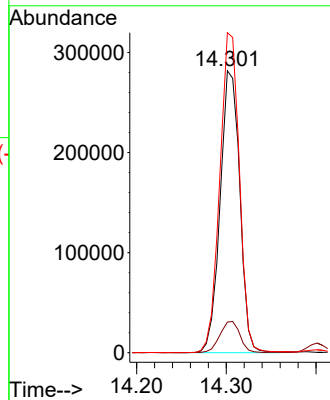
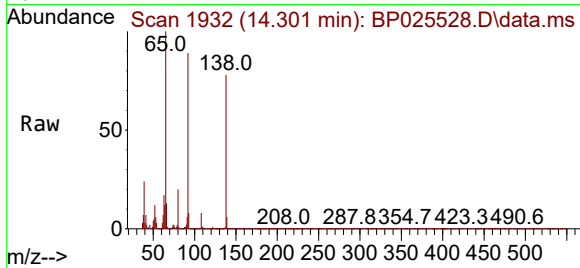




#53
3-Nitroaniline
Concen: 42.321 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

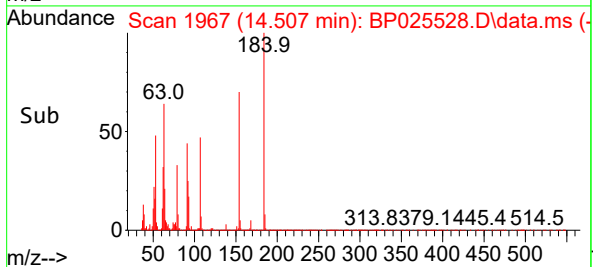
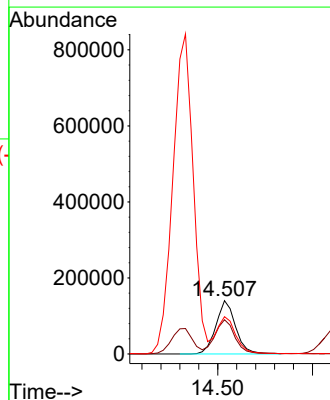
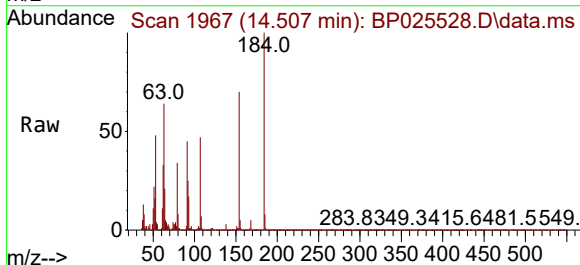
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

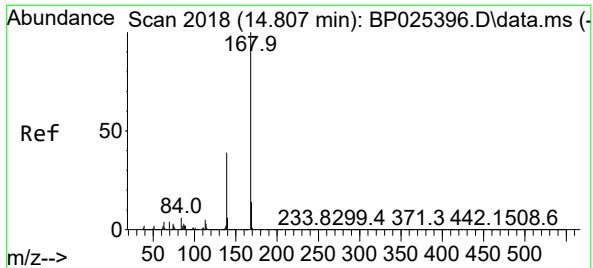
Tgt Ion:138 Resp: 428348
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 113.5 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 42.191 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:184 Resp: 202691
Ion Ratio Lower Upper
184 100
63 64.3 49.4 74.2
154 70.0 54.6 82.0

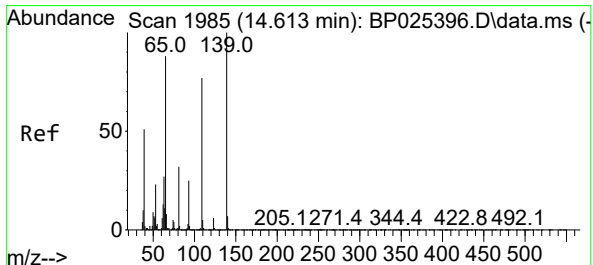
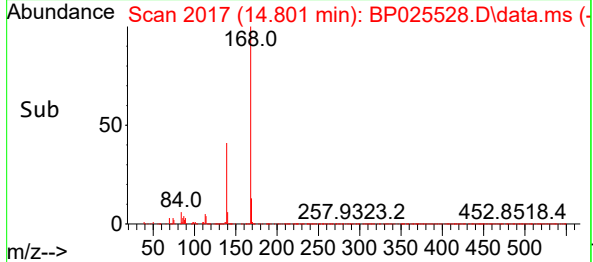
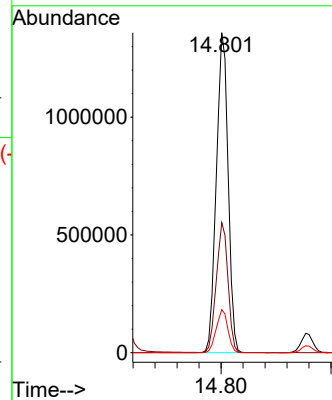
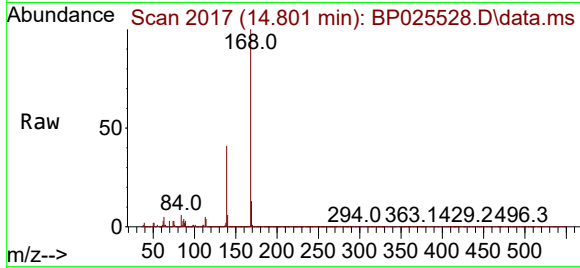




#55
Dibenzofuran
Concen: 39.925 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

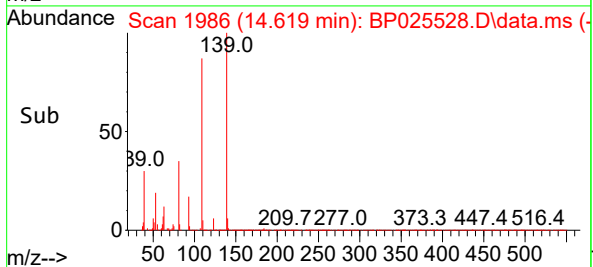
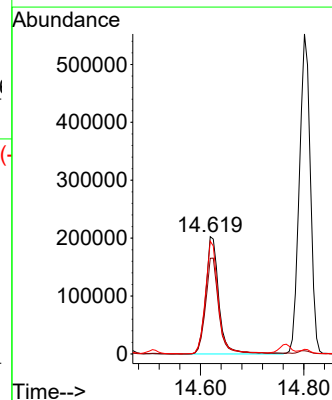
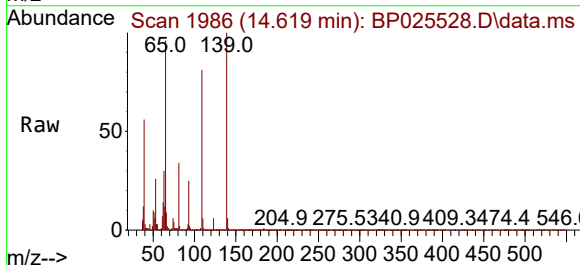
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

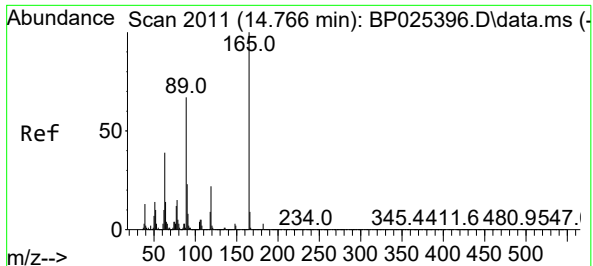
Tgt Ion:168 Resp: 2020338
Ion Ratio Lower Upper
168 100
139 40.7 31.5 47.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 43.033 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:139 Resp: 357906
Ion Ratio Lower Upper
139 100
109 81.5 56.6 96.6
65 96.1 68.2 108.2

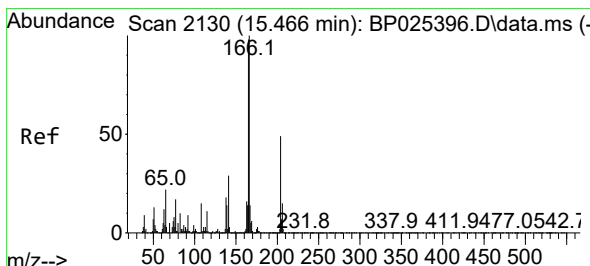
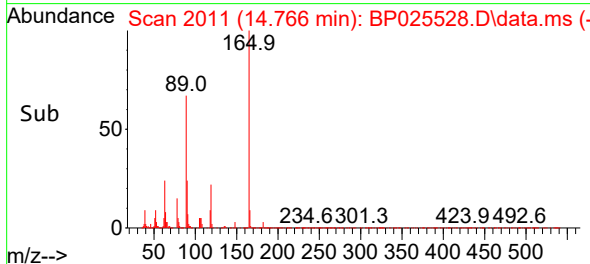
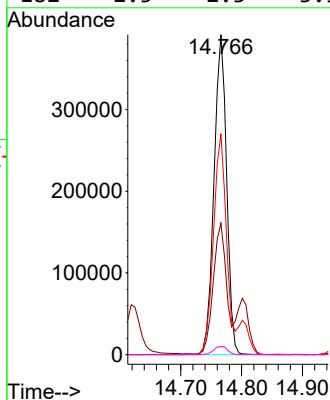
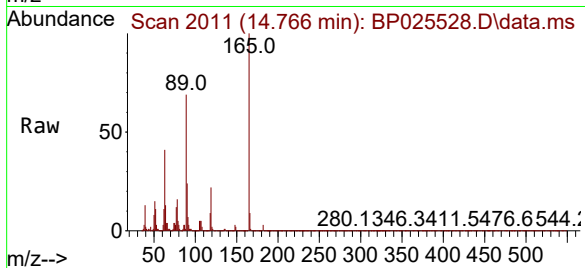




#57
2,4-Dinitrotoluene
Concen: 43.783 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

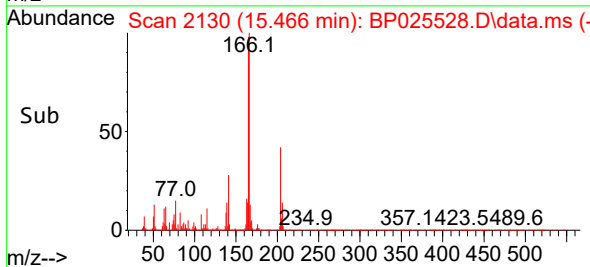
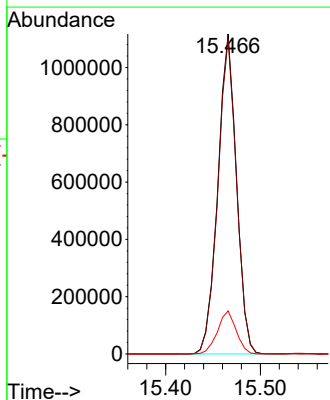
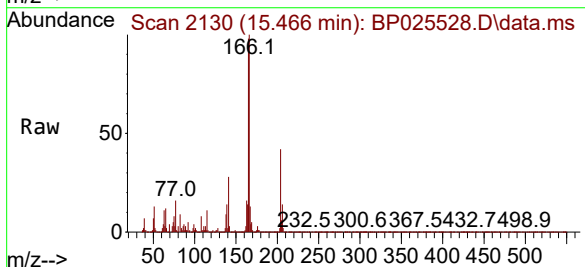
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

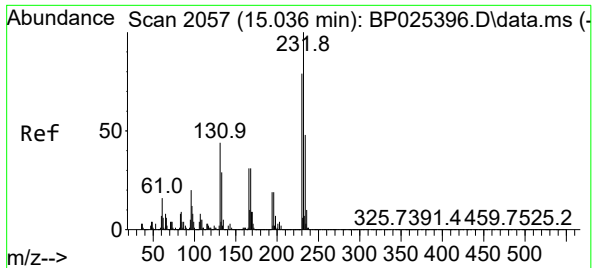
Tgt Ion:165 Resp: 561949
Ion Ratio Lower Upper
165 100
63 41.0 31.4 47.2
89 69.0 53.3 79.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 38.298 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:166 Resp: 1529223
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.403 ng

RT: 15.036 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 455330

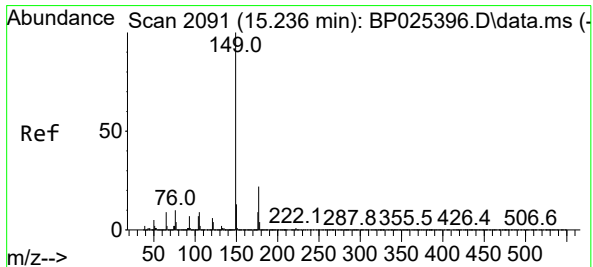
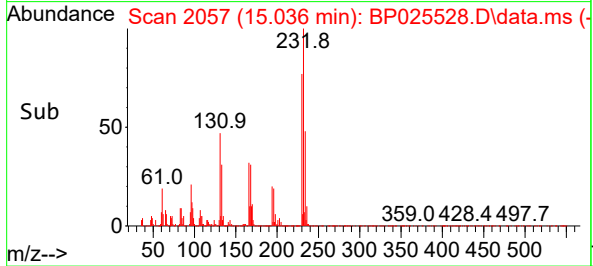
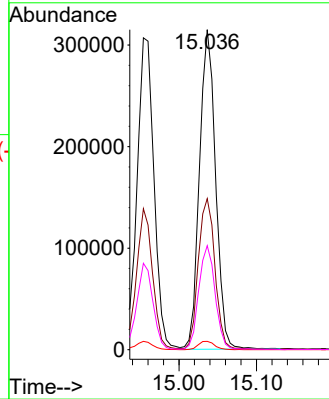
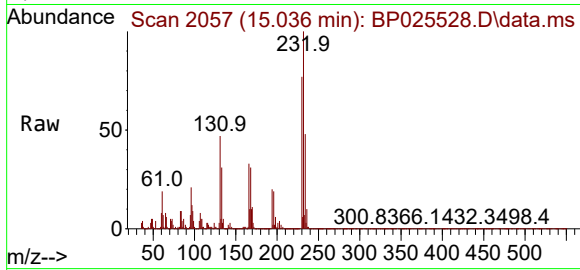
Ion Ratio Lower Upper

232 100

131 48.9 37.0 55.6

130 2.7 1.9 2.9

166 33.3 25.4 38.0



#60

Diethylphthalate

Concen: 41.343 ng

RT: 15.236 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

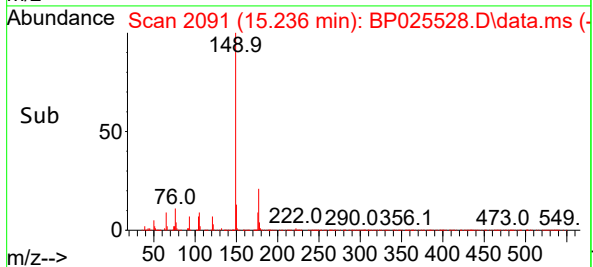
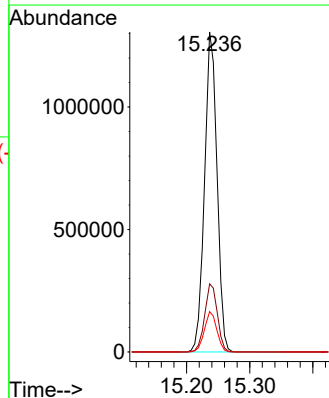
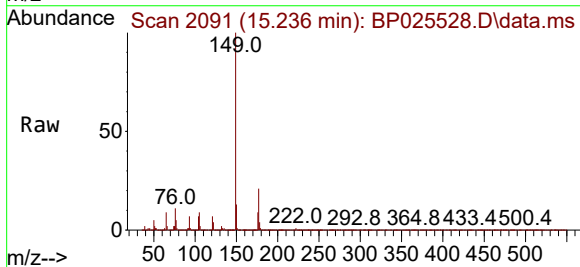
Tgt Ion:149 Resp: 1793007

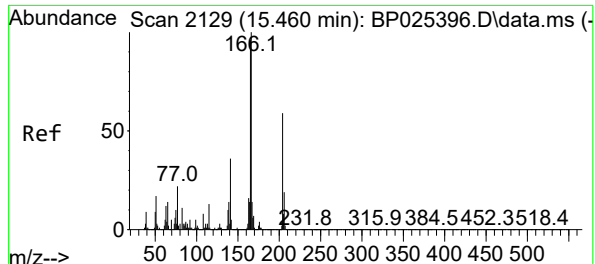
Ion Ratio Lower Upper

149 100

177 21.3 17.3 25.9

150 12.6 10.3 15.5

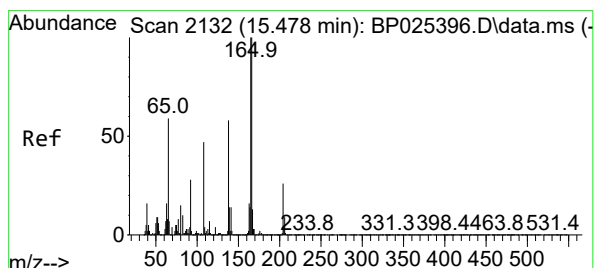
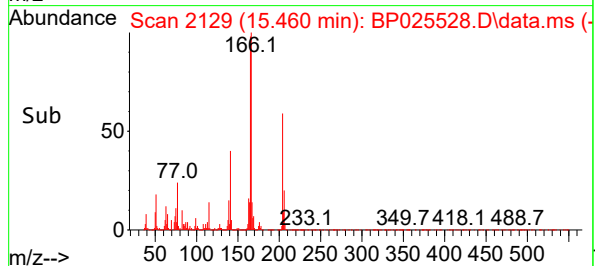
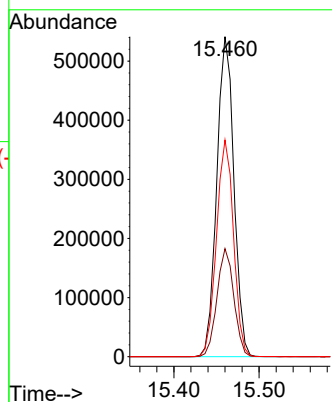
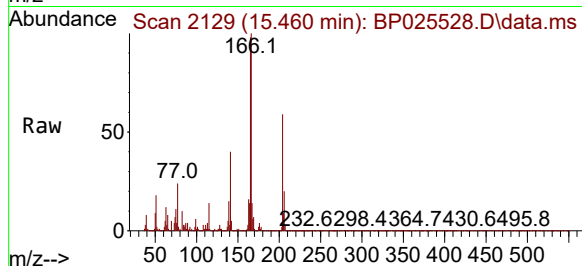




#61
4-Chlorophenyl-phenylether
Concen: 38.031 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

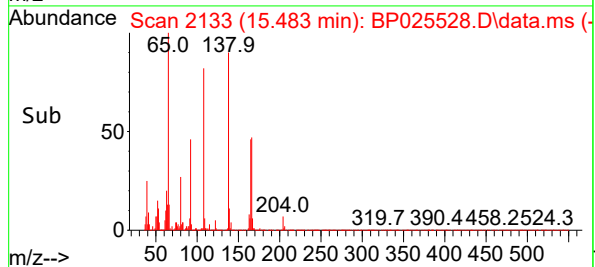
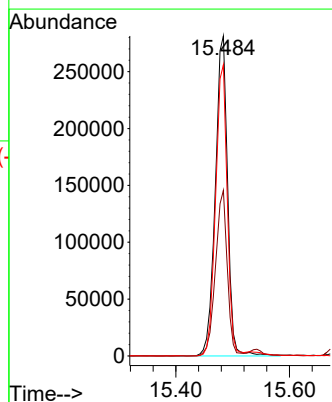
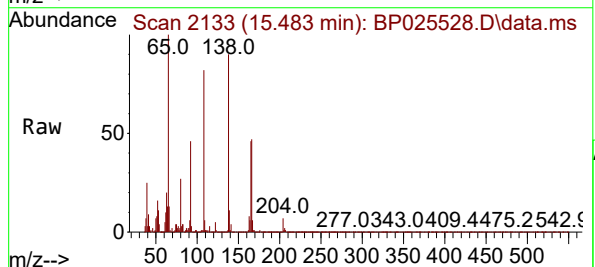
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

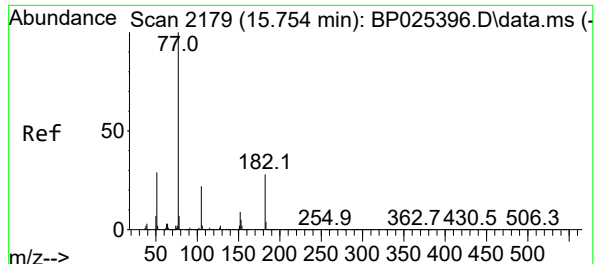
Tgt Ion:204 Resp: 755243
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.8
141 67.7 49.4 74.2



#62
4-Nitroaniline
Concen: 40.733 ng
RT: 15.483 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:138 Resp: 422646
Ion Ratio Lower Upper
138 100
92 51.7 29.1 69.1
108 91.0 61.5 101.5





#63

Azobenzene

Concen: 42.575 ng

RT: 15.760 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1581016

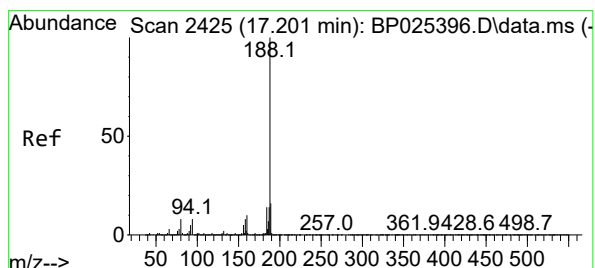
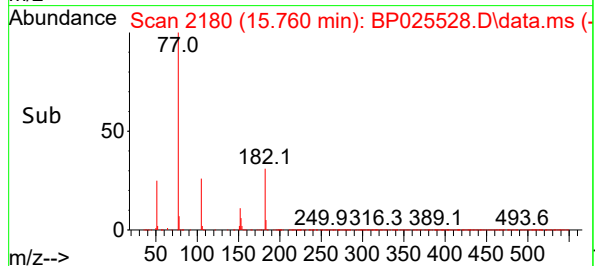
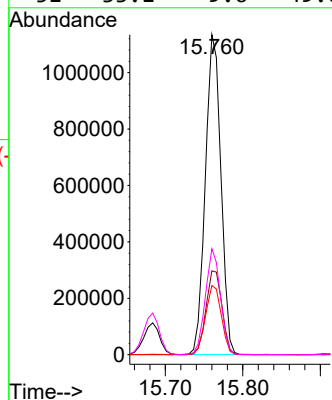
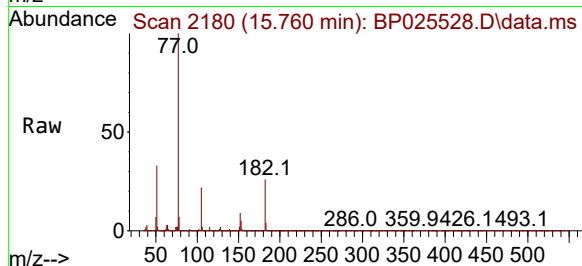
Ion Ratio Lower Upper

77 100

182 26.2 7.5 47.5

105 21.6 2.1 42.1

51 33.1 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

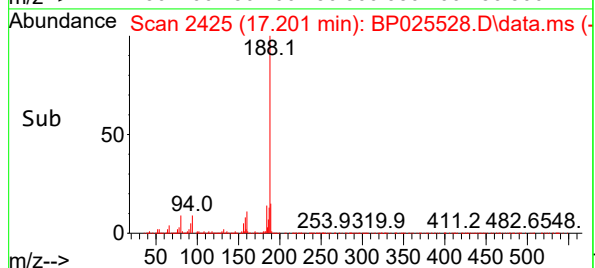
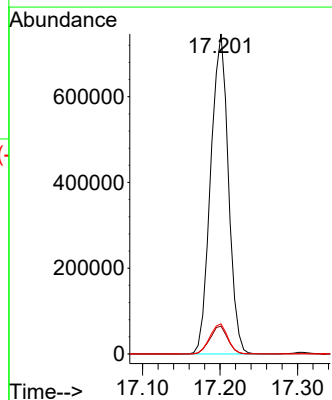
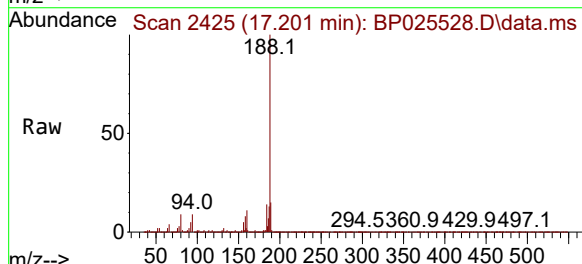
Tgt Ion:188 Resp: 1185139

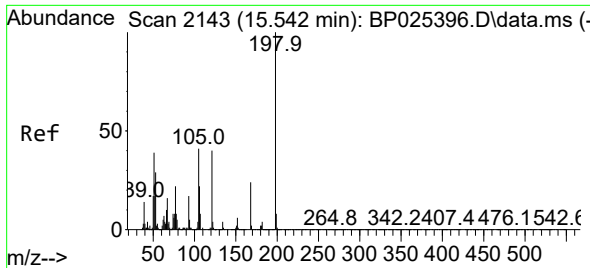
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 6.7 10.1

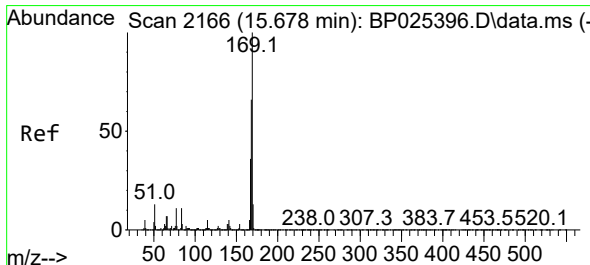
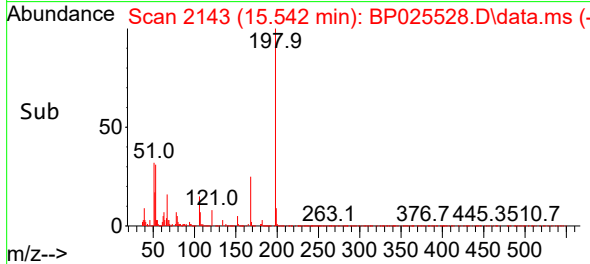
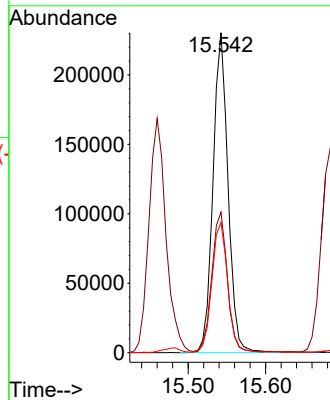
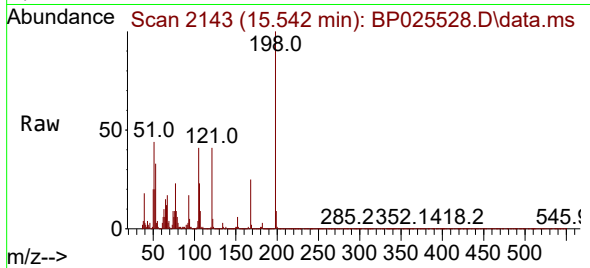




#65
4,6-Dinitro-2-methylphenol
Concen: 42.114 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

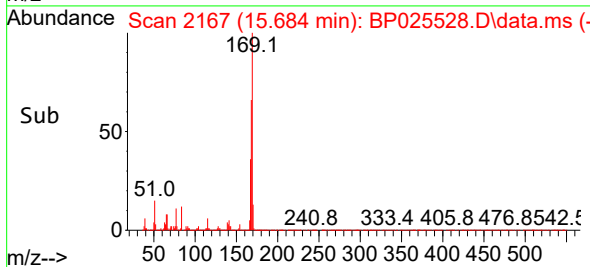
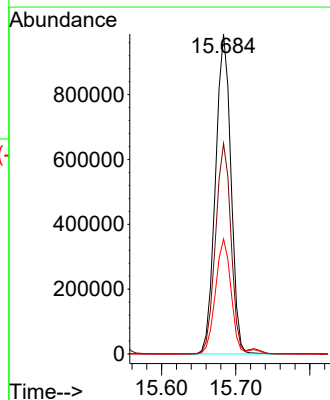
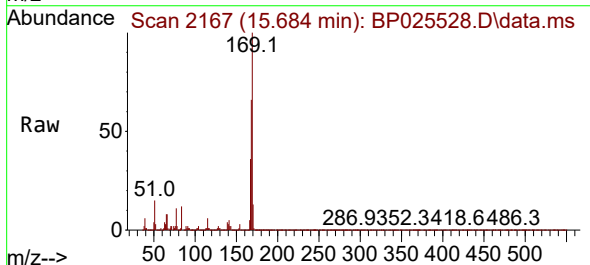
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

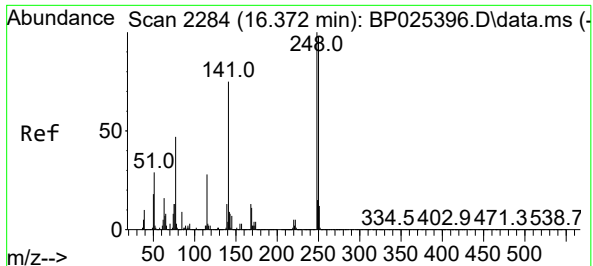
Tgt Ion:198 Resp: 311124
Ion Ratio Lower Upper
198 100
51 43.9 19.6 59.6
105 40.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 39.423 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:169 Resp: 1424731
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.0 28.7 43.1

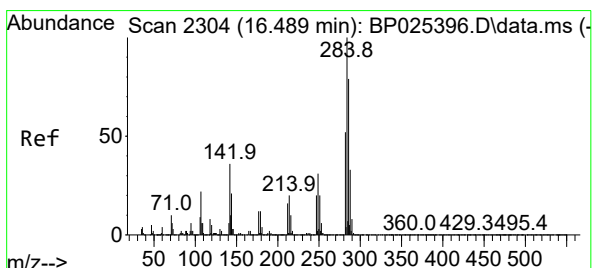
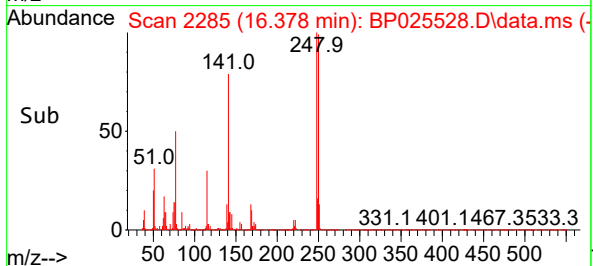
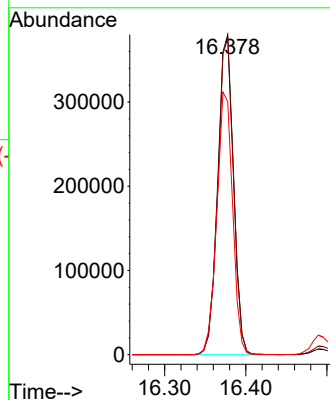
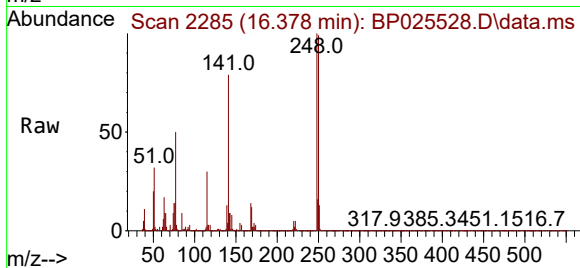




#67
4-Bromophenyl-phenylether
Concen: 39.453 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

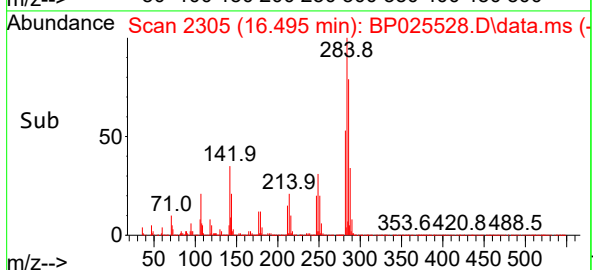
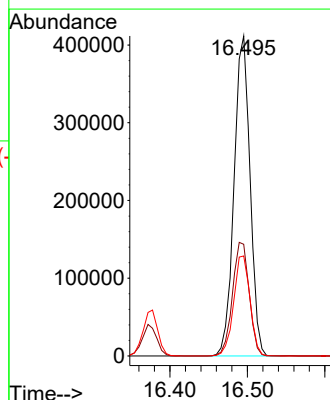
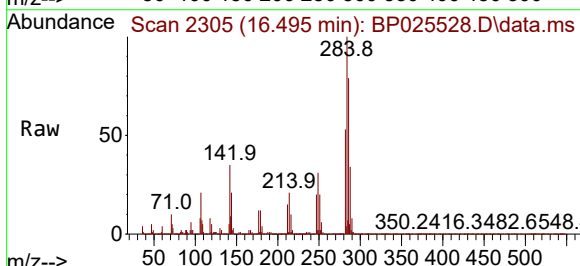
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

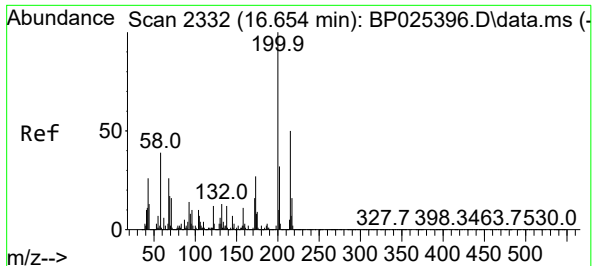
Tgt Ion:248 Resp: 514245
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 79.1 59.6 89.4



#68
Hexachlorobenzene
Concen: 39.143 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:284 Resp: 591430
Ion Ratio Lower Upper
284 100
142 34.9 29.1 43.7
249 31.2 25.0 37.4

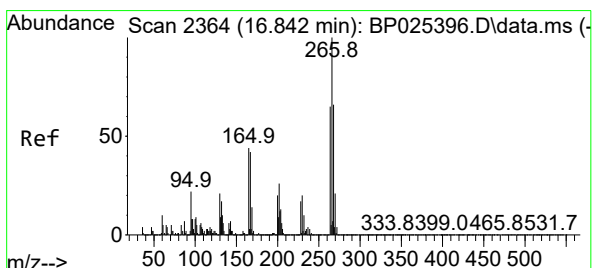
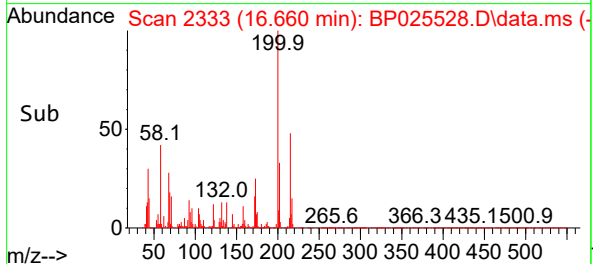
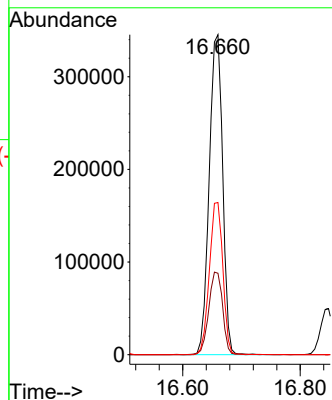
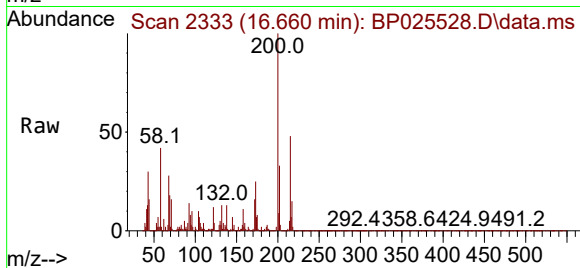




#69
 Atrazine
 Concen: 40.478 ng
 RT: 16.660 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

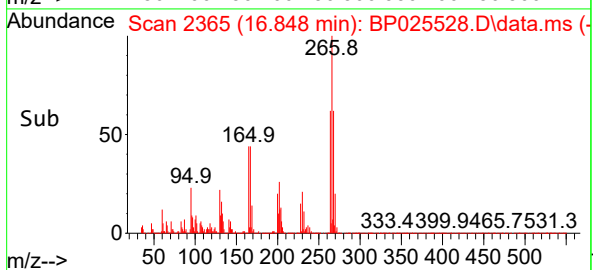
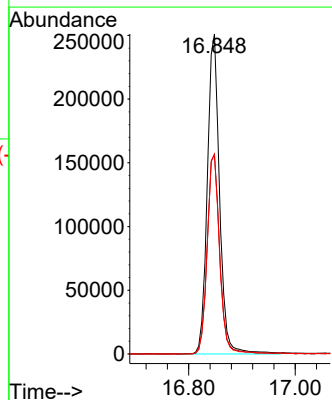
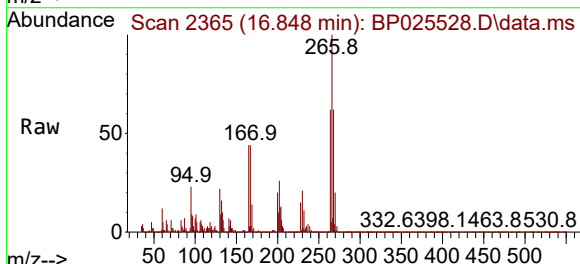
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

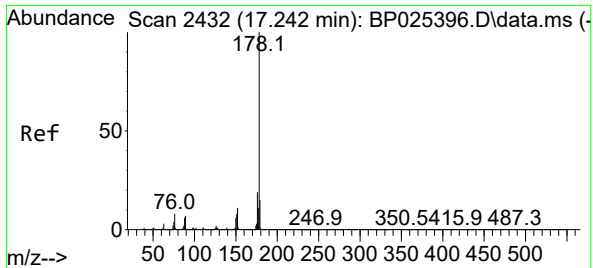
Tgt Ion:200 Resp: 547846
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.7 46.7
 215 47.5 29.7 69.7



#70
 Pentachlorophenol
 Concen: 42.093 ng
 RT: 16.848 min Scan# 2365
 Delta R.T. 0.006 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

Tgt Ion:266 Resp: 401483
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.6 79.0
 264 62.4 52.0 78.0

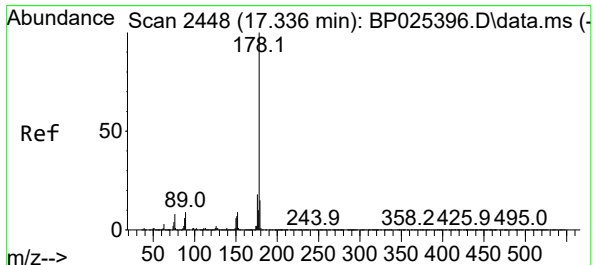
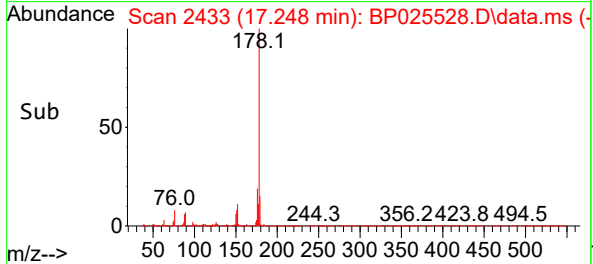
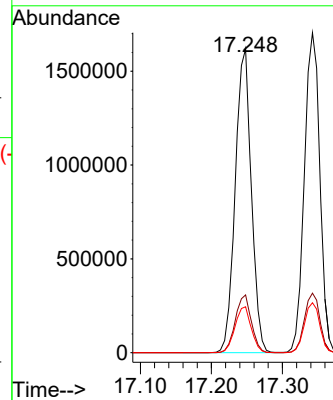
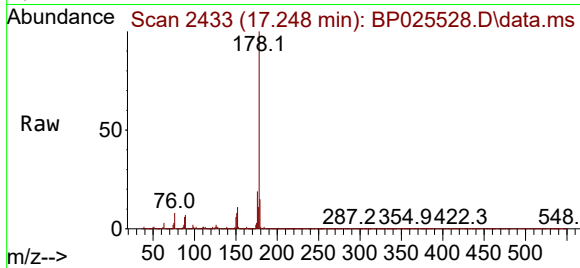




#71
Phenanthrene
Concen: 39.098 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

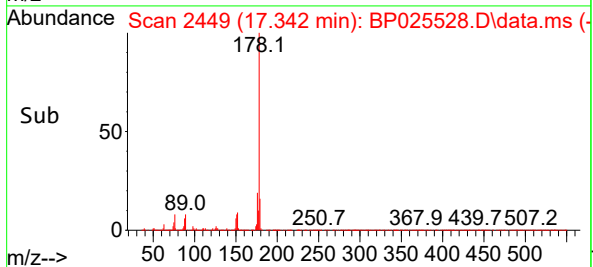
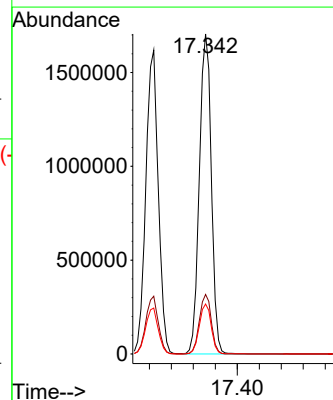
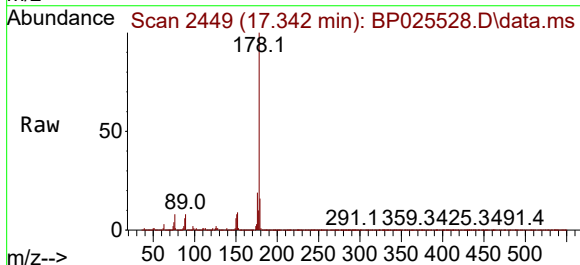
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

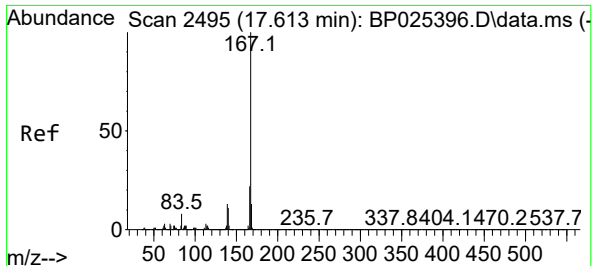
Tgt Ion:178 Resp: 2545441
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.1 12.2 18.4



#72
Anthracene
Concen: 38.766 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:178 Resp: 2577328
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.2

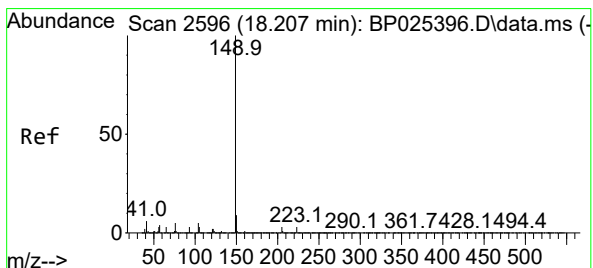
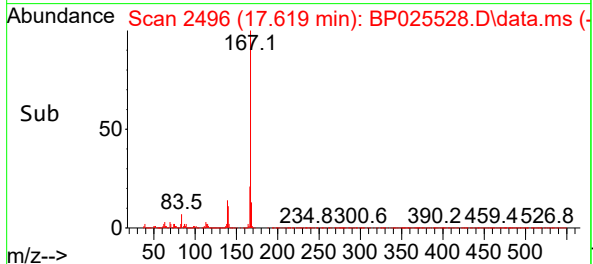
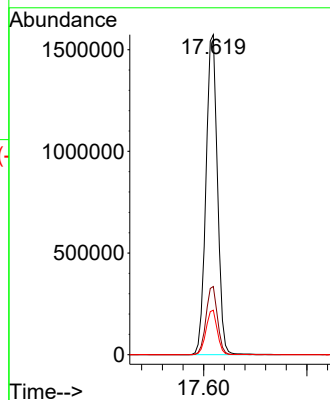
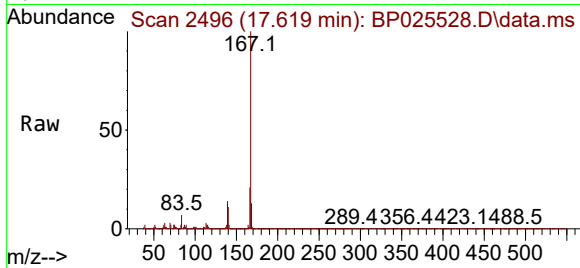




#73
 Carbazole
 Concen: 38.750 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

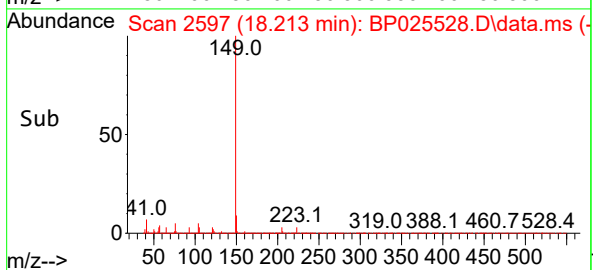
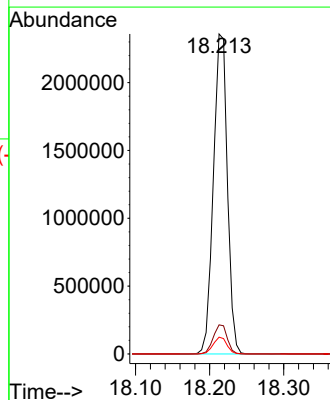
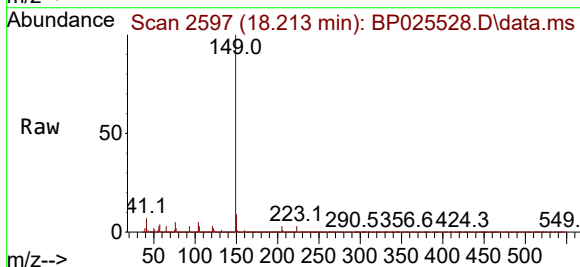
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

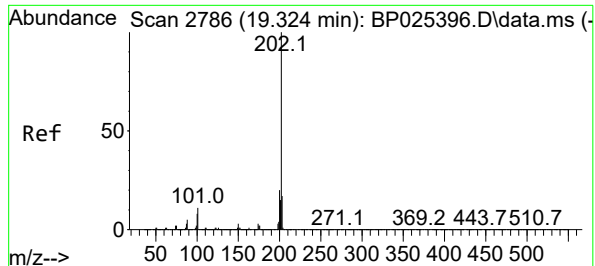
Tgt Ion:167 Resp: 2426628
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.043 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

Tgt Ion:149 Resp: 3085121
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.2 6.2

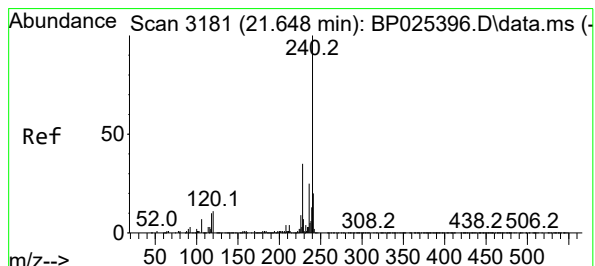
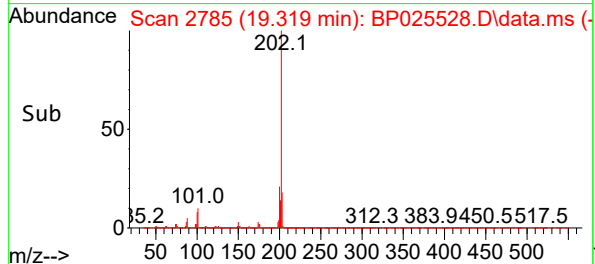
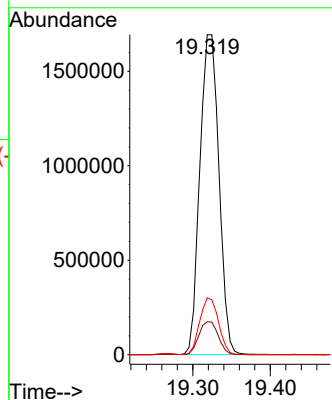
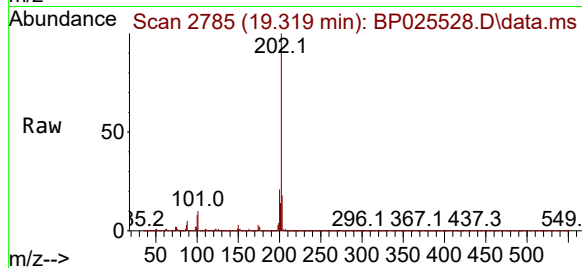




#75
Fluoranthene
Concen: 37.289 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

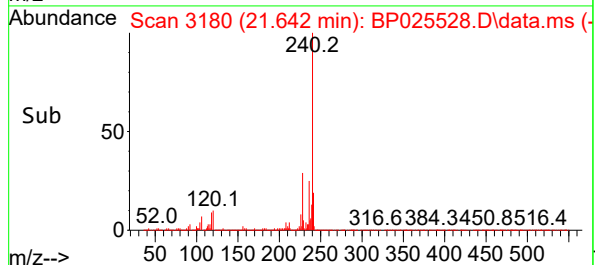
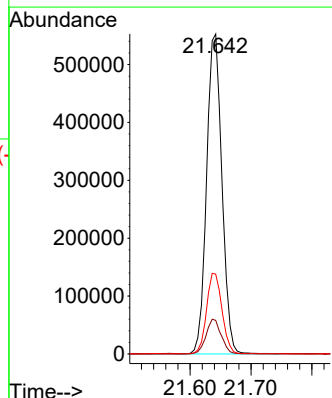
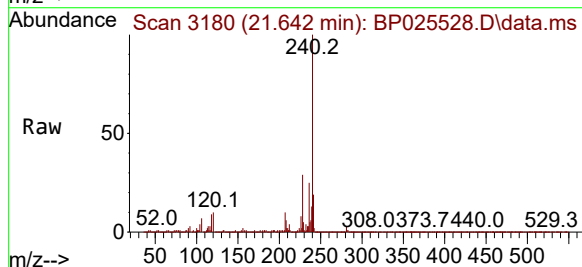
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

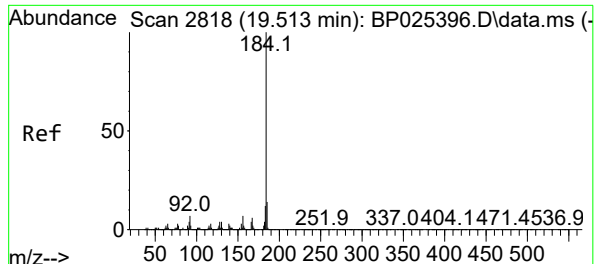
Tgt Ion:202 Resp: 2895789
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:240 Resp: 966898
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.0 19.8 29.8

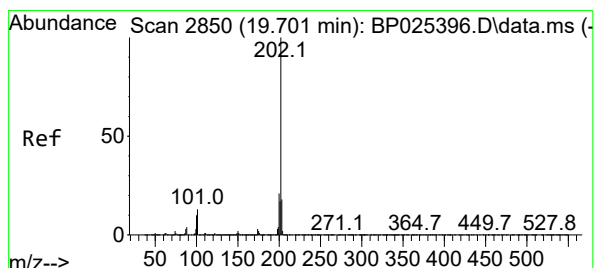
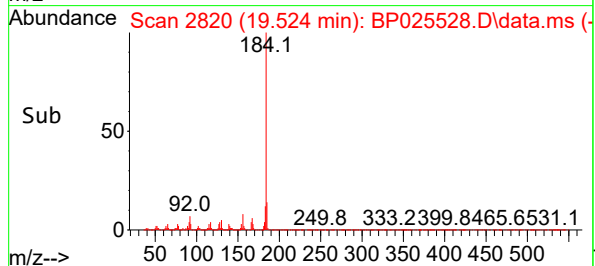
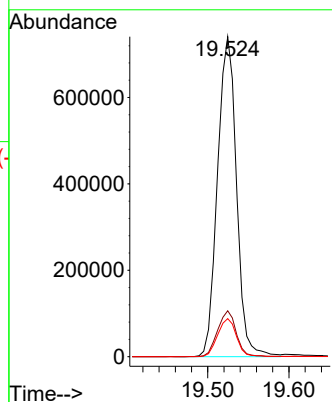
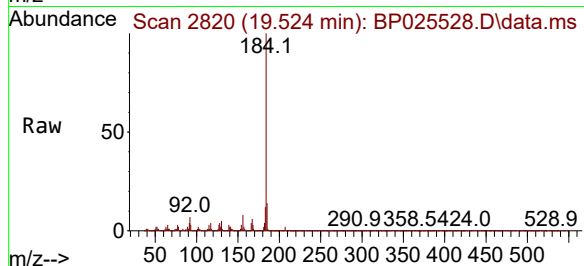




#77
Benzidine
Concen: 36.563 ng
RT: 19.524 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

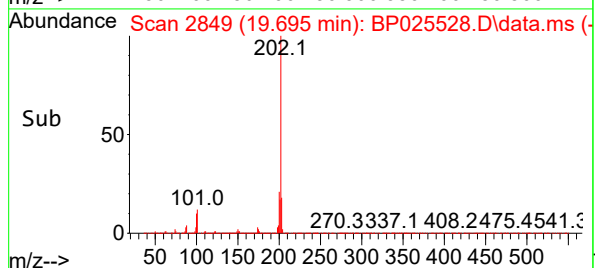
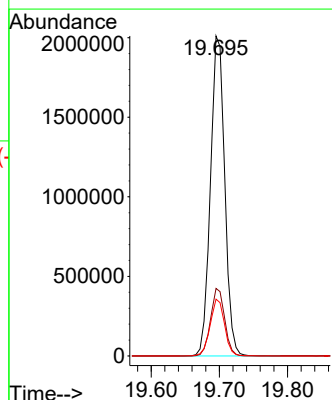
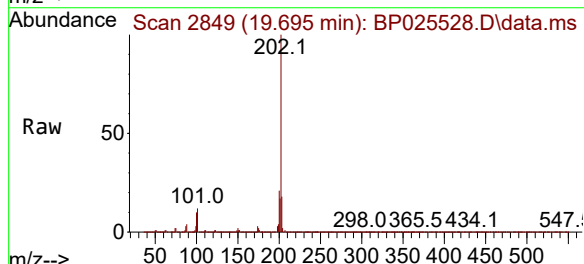
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

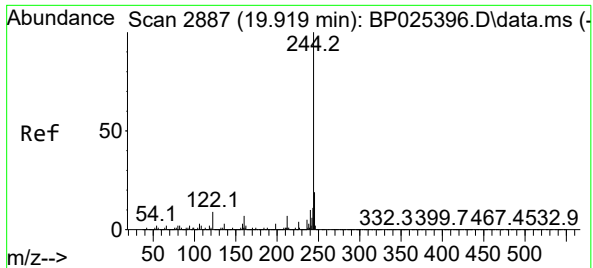
Tgt Ion:184 Resp: 1206527
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.9 9.4 14.2



#78
Pyrene
Concen: 46.678 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:202 Resp: 2933533
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.2 21.2

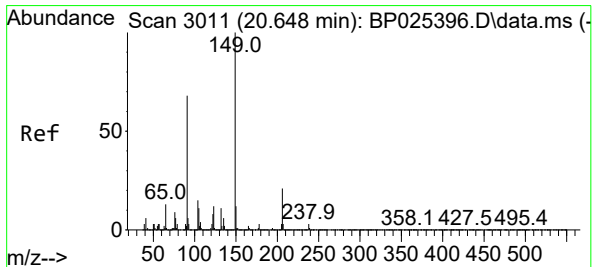
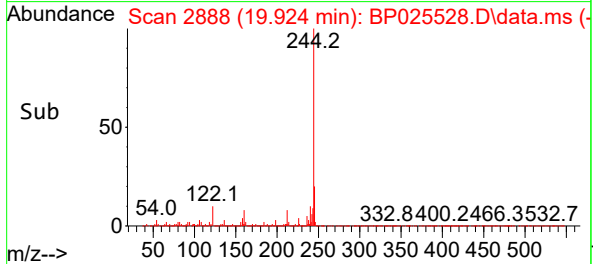
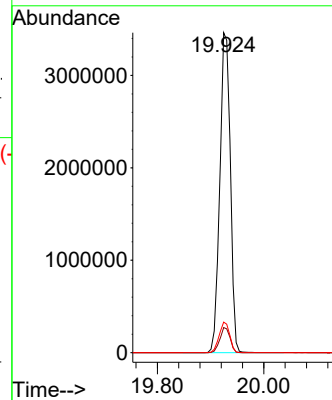
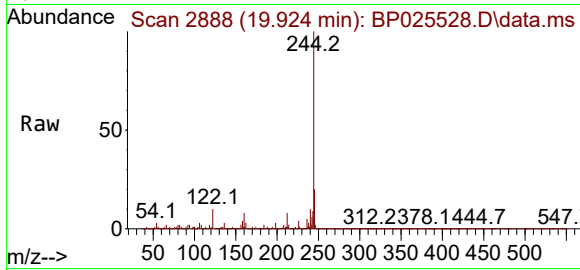




#79
Terphenyl-d14
Concen: 89.549 ng
RT: 19.924 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

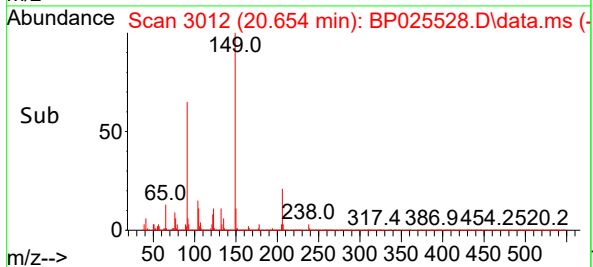
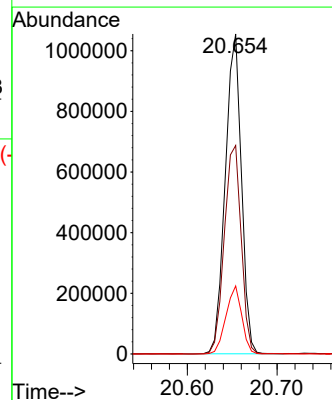
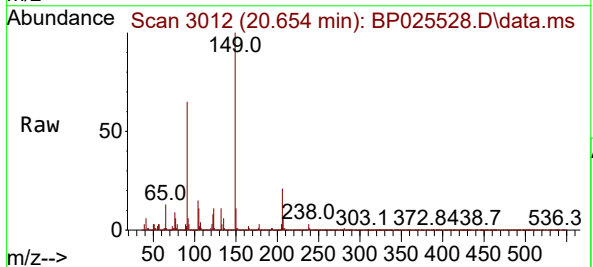
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

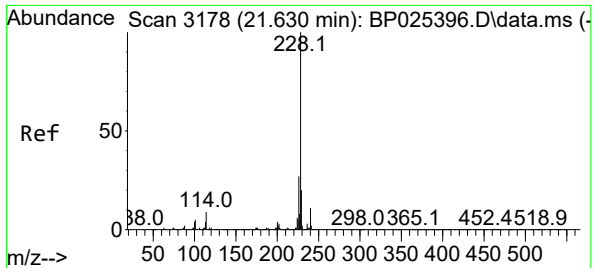
Tgt Ion:244 Resp: 4732498
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 9.6 7.4 11.2



#80
Butylbenzylphthalate
Concen: 46.209 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:149 Resp: 1316128
Ion Ratio Lower Upper
149 100
91 65.1 54.2 81.2
206 21.2 16.6 24.8

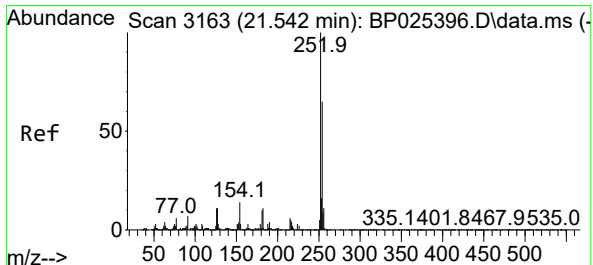
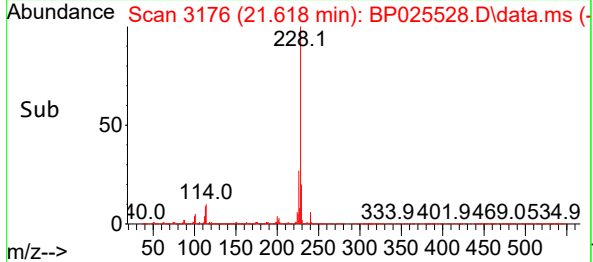
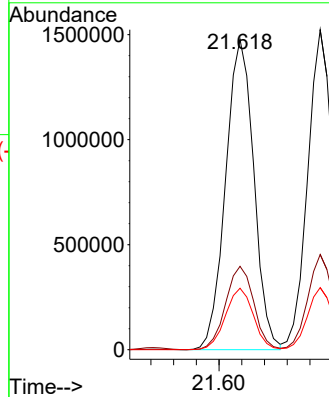
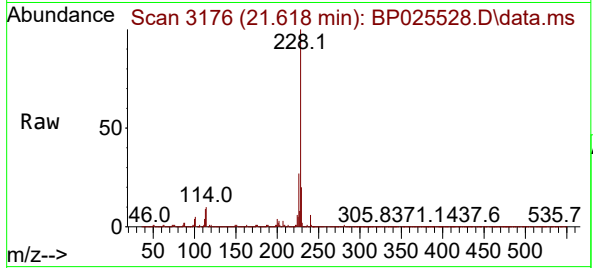




#81
Benzo(a)anthracene
Concen: 39.933 ng
RT: 21.618 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

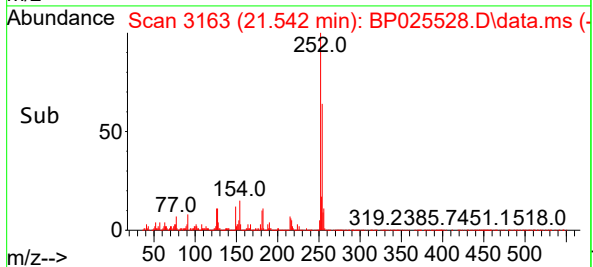
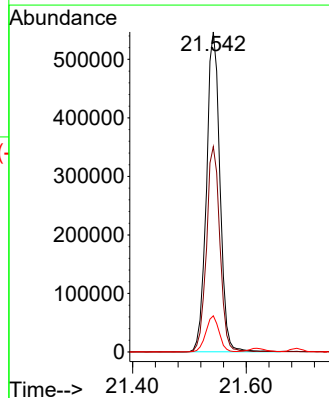
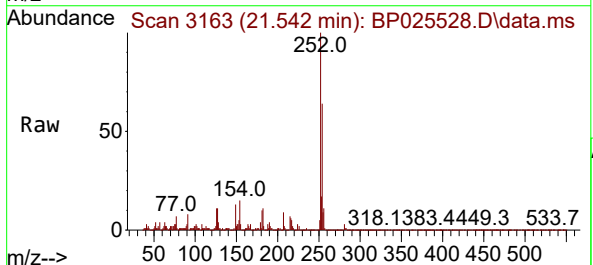
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

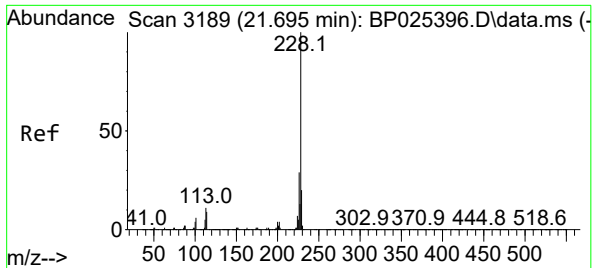
Tgt Ion:228 Resp: 2546412
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 37.227 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:252 Resp: 894776
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 11.3 9.1 13.7

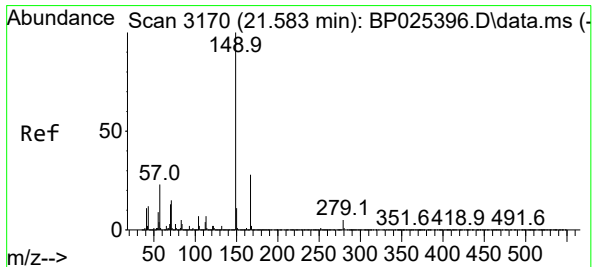
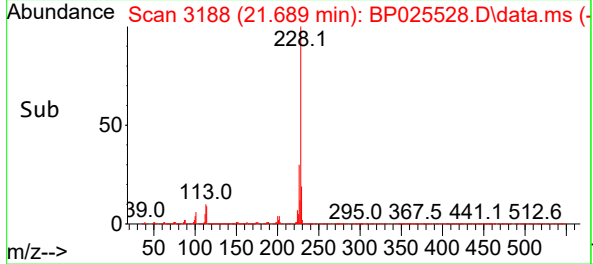
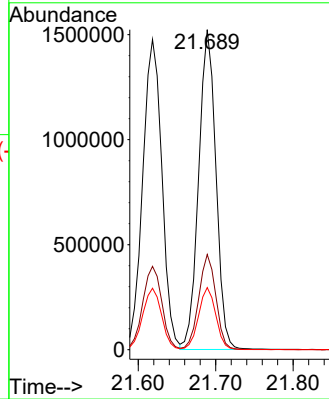
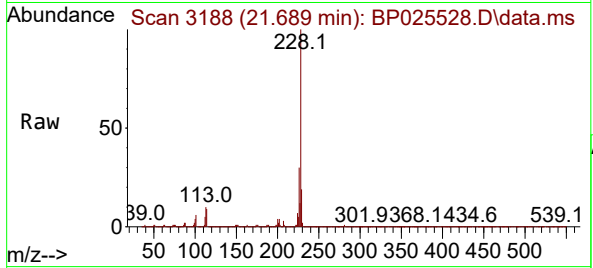




#83
Chrysene
Concen: 39.504 ng
RT: 21.689 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

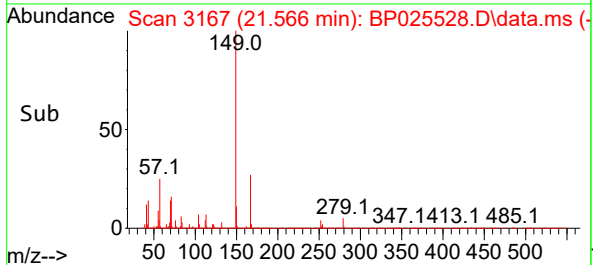
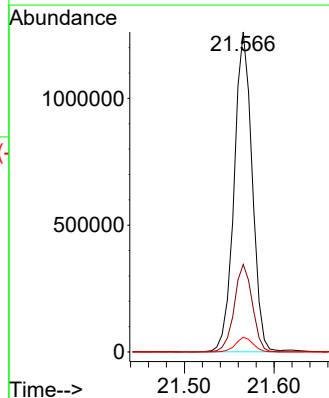
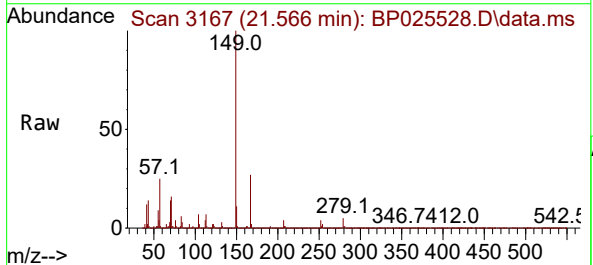
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

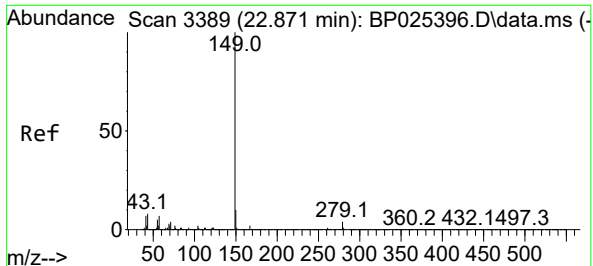
Tgt Ion:228 Resp: 2359088
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 19.4 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.878 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.018 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:149 Resp: 1755836
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 4.6 3.8 5.6

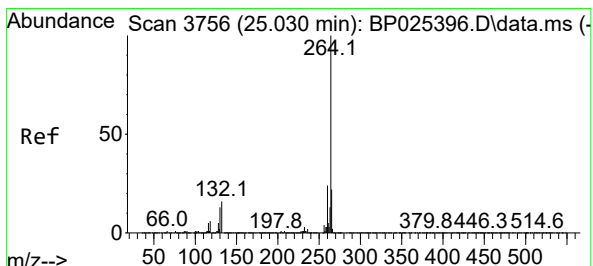
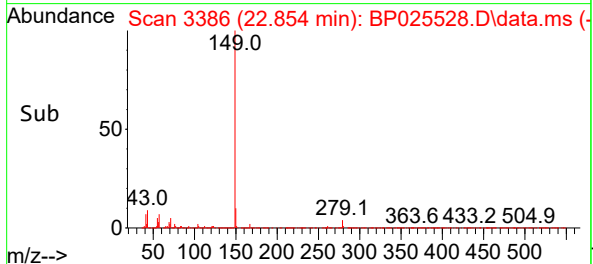
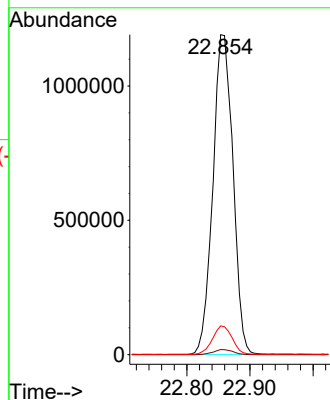
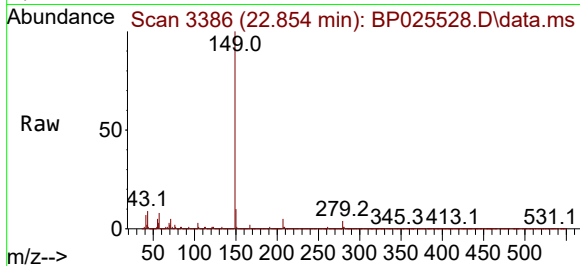




#85
Di-n-octyl phthalate
Concen: 36.401 ng
RT: 22.854 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

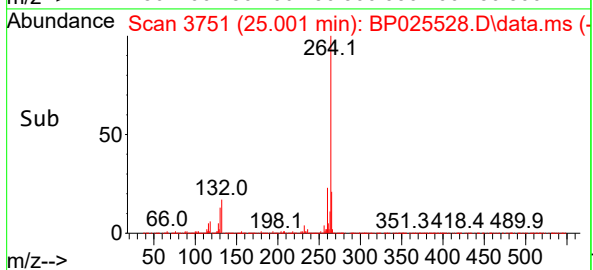
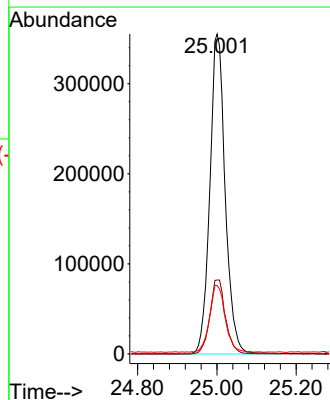
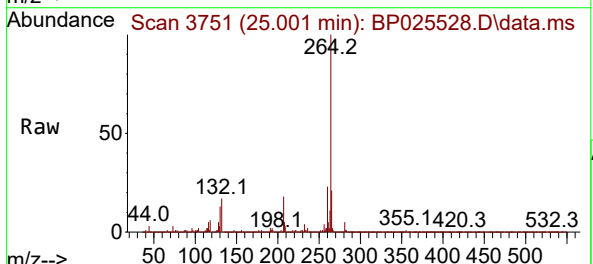
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

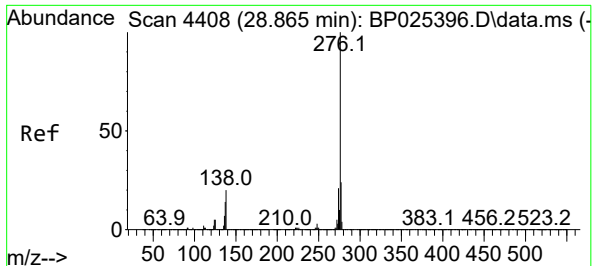
Tgt Ion:149 Resp: 2625098
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:264 Resp: 954709
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 21.4 17.4 26.0

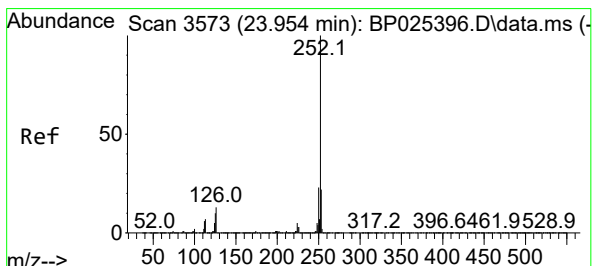
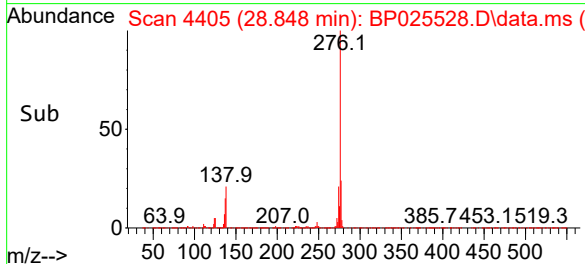
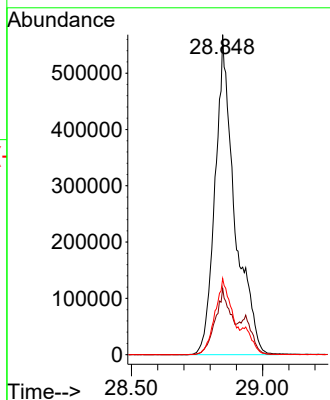
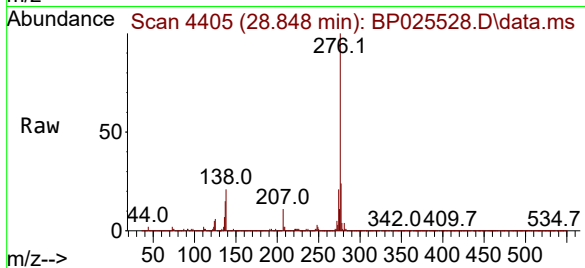




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.143 ng
 RT: 28.848 min Scan# 4408
 Delta R.T. -0.018 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

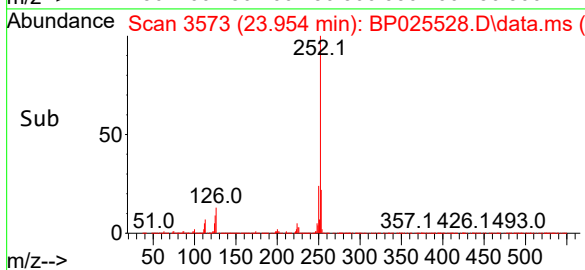
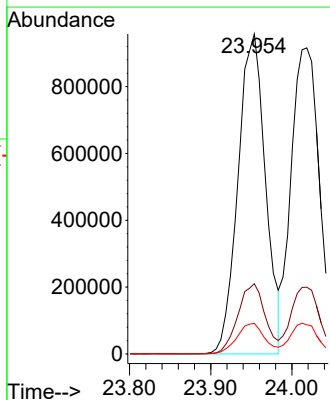
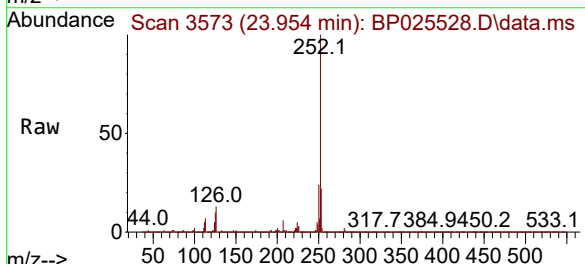
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

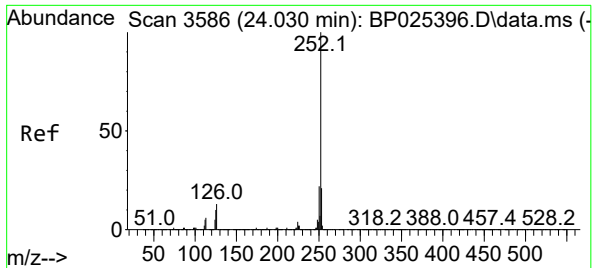
Tgt Ion:276 Resp: 2950656
 Ion Ratio Lower Upper
 276 100
 138 16.7 12.9 19.3
 277 20.6 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 39.965 ng
 RT: 23.954 min Scan# 3573
 Delta R.T. 0.000 min
 Lab File: BP025528.D
 Acq: 21 Aug 2025 06:42

Tgt Ion:252 Resp: 2249885
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.310 ng

RT: 24.018 min Scan# 3584

Delta R.T. -0.012 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

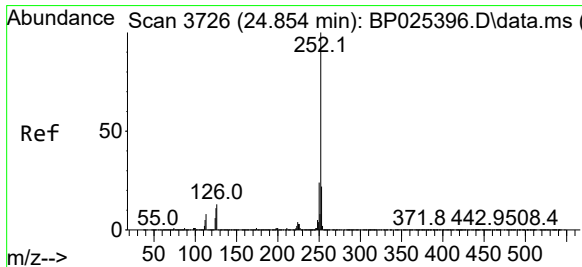
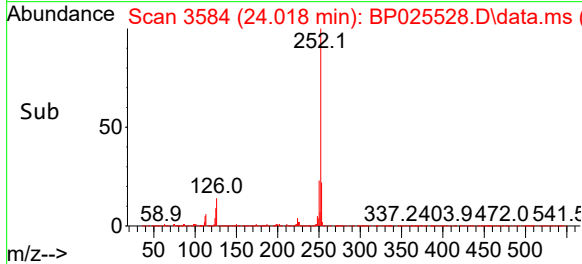
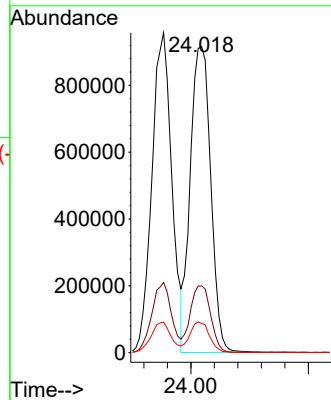
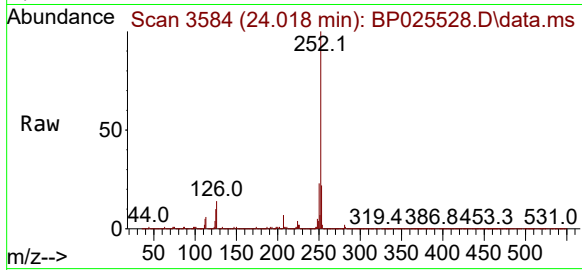
Tgt Ion:252 Resp: 2214493

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.5 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.085 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025528.D

Acq: 21 Aug 2025 06:42

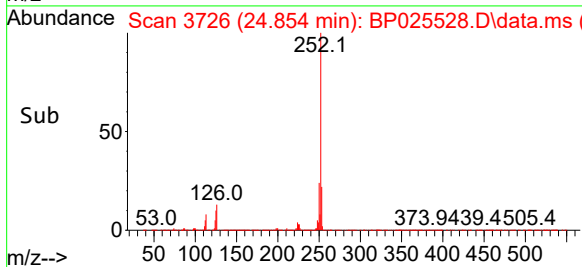
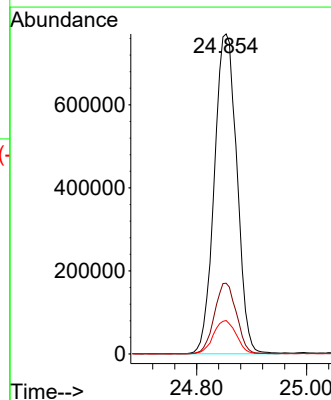
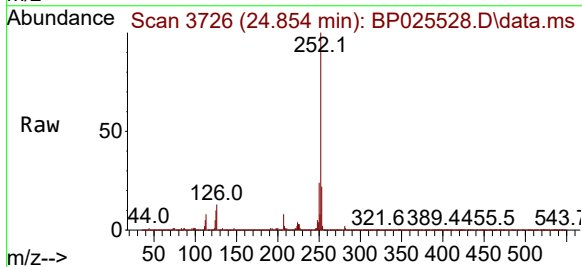
Tgt Ion:252 Resp: 2196644

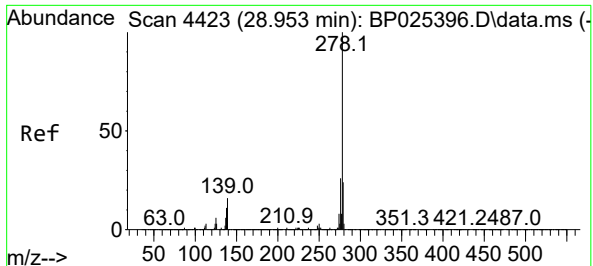
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.4 8.7 13.1

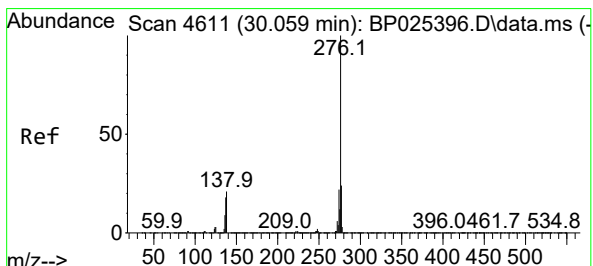
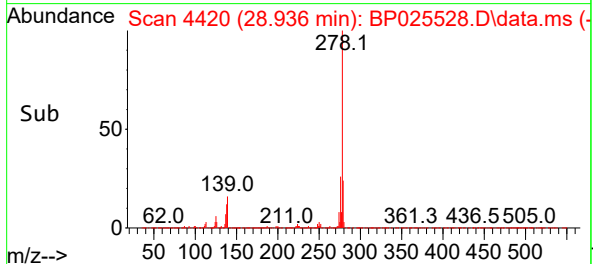
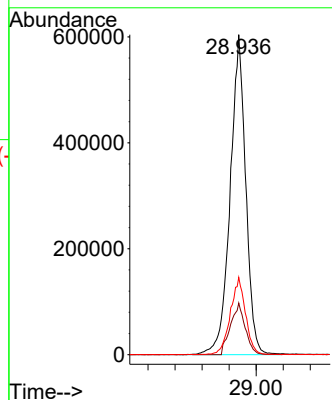
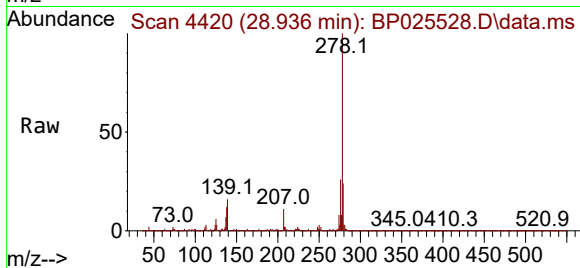




#91
Dibenzo(a,h)anthracene
Concen: 42.186 ng
RT: 28.936 min Scan# 4423
Delta R.T. -0.018 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

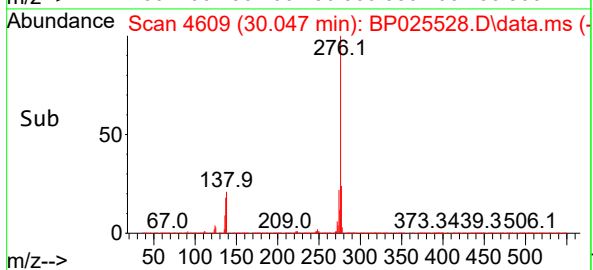
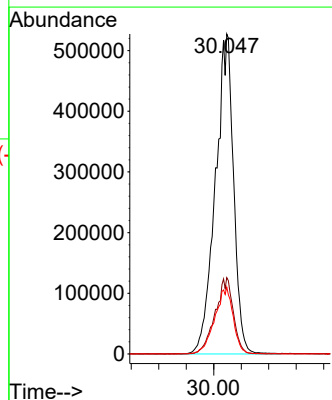
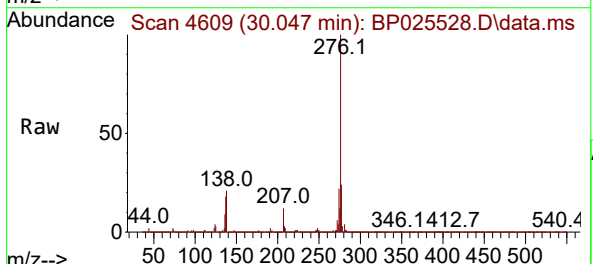
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2413697
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 24.2 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 43.043 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025528.D
Acq: 21 Aug 2025 06:42

Tgt Ion:276 Resp: 2420845
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	133	0.00
2	1,4-Dioxane	0.472	0.468	0.8	140	0.00
3	Pyridine	1.291	1.273	1.4	139	0.00
4	n-Nitrosodimethylamine	0.532	0.591	-11.1	154#	0.00
5 S	2-Fluorophenol	1.204	1.211	-0.6	139	0.00
6	Aniline	2.080	2.110	-1.4	139	0.00
7 S	Phenol-d6	1.544	1.588	-2.8	140	0.00
8	2-Chlorophenol	1.359	1.383	-1.8	140	0.00
9	Benzaldehyde	1.082	1.331	-23.0	130	0.00
10 C	Phenol	1.620	1.664	-2.7	141	0.00
11	bis(2-Chloroethyl)ether	1.263	1.271	-0.6	139	0.00
12	1,3-Dichlorobenzene	1.499	1.492	0.5	138	0.00
13 C	1,4-Dichlorobenzene	1.532	1.515	1.1	138	-0.01
14	1,2-Dichlorobenzene	1.483	1.468	1.0	137	0.00
15	Benzyl Alcohol	1.227	1.293	-5.4	145	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.822	-7.7	150	-0.01
17	2-Methylphenol	1.125	1.159	-3.0	140	0.00
18	Hexachloroethane	0.563	0.574	-2.0	140	-0.01
19 P	n-Nitroso-di-n-propylamine	1.023	1.037	-1.4	139	0.00
20	3+4-Methylphenols	1.560	1.594	-2.2	139	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	135	0.00
22	Acetophenone	0.502	0.505	-0.6	140	0.00
23 S	Nitrobenzene-d5	0.395	0.404	-2.3	142	0.00
24	Nitrobenzene	0.353	0.365	-3.4	143	0.00
25	Isophorone	0.700	0.714	-2.0	143	0.00
26 C	2-Nitrophenol	0.181	0.186	-2.8	139	0.00
27	2,4-Dimethylphenol	0.312	0.319	-2.2	139	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.421	0.5	139	0.00
29 C	2,4-Dichlorophenol	0.310	0.312	-0.6	138	0.00
30	1,2,4-Trichlorobenzene	0.340	0.325	4.4	134	0.00
31	Naphthalene	1.040	1.015	2.4	137	0.00
32	Benzoic acid	0.230	0.246	-7.0	146	0.02
33	4-Chloroaniline	0.459	0.465	-1.3	138	0.00
34 C	Hexachlorobutadiene	0.211	0.208	1.4	137	0.00
35	Caprolactam	0.114	0.116	-1.8	143	0.01
36 C	4-Chloro-3-methylphenol	0.355	0.366	-3.1	142	0.00
37	2-Methylnaphthalene	0.676	0.671	0.7	139	0.00
38	1-Methylnaphthalene	0.719	0.703	2.2	138	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	132	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.574	0.7	136	0.00
41 P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	133	0.00
42 S	2,4,6-Tribromophenol	0.269	0.274	-1.9	138	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.410	-5.1	142	0.00
44	2,4,5-Trichlorophenol	0.427	0.446	-4.4	139	0.00
45 S	2-Fluorobiphenyl	1.463	1.383	5.5	131	0.00
46	1,1'-Biphenyl	1.453	1.459	-0.4	137	0.00
47	2-Chloronaphthalene	1.131	1.124	0.6	135	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.329	0.374	-13.7	149	0.00
49	Acenaphthylene	1.871	1.868	0.2	137	0.00
50	Dimethylphthalate	1.465	1.502	-2.5	141	0.00
51	2,6-Dinitrotoluene	0.309	0.330	-6.8	141	0.00
52 C	Acenaphthene	1.098	1.075	2.1	136	0.00
53	3-Nitroaniline	0.347	0.367	-5.8	142	0.00
54 P	2,4-Dinitrophenol	0.165	0.174	-5.5	141	0.00
55	Dibenzofuran	1.736	1.733	0.2	137	0.00
56 P	4-Nitrophenol	0.285	0.307	-7.7	145	0.00
57	2,4-Dinitrotoluene	0.440	0.482	-9.5	146	0.00
58	Fluorene	1.370	1.312	4.2	133	0.00
59	2,3,4,6-Tetrachlorophenol	0.377	0.391	-3.7	140	0.00
60	Diethylphthalate	1.488	1.538	-3.4	142	0.00
61	4-Chlorophenyl-phenylether	0.681	0.648	4.8	131	0.00
62	4-Nitroaniline	0.356	0.363	-2.0	136	0.00
63	Azobenzene	1.274	1.356	-6.4	145	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	134	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.131	-4.8	143	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.601	1.5	136	0.00
67	4-Bromophenyl-phenylether	0.220	0.217	1.4	136	0.00
68	Hexachlorobenzene	0.255	0.250	2.0	138	0.00
69	Atrazine	0.228	0.231	-1.3	142	0.00
70 C	Pentachlorophenol	0.161	0.169	-5.0	144	0.00
71	Phenanthrene	1.099	1.074	2.3	138	0.00
72	Anthracene	1.122	1.087	3.1	135	0.00
73	Carbazole	1.057	1.024	3.1	136	0.00
74	Di-n-butylphthalate	1.300	1.302	-0.2	140	0.00
75 C	Fluoranthene	1.311	1.222	6.8	133	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	108	0.00
77	Benzidine	0.683	0.624	8.6	69	0.01
78	Pyrene	1.300	1.517	-16.7	128	0.00
79 S	Terphenyl-d14	1.093	1.224	-12.0	126	0.00
80	Butylbenzylphthalate	0.589	0.681	-15.6	126	0.00
81	Benzo(a)anthracene	1.319	1.317	0.2	112	-0.01
82	3,3'-Dichlorobenzidine	0.497	0.463	6.8	102	0.00
83	Chrysene	1.235	1.220	1.2	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.908	-4.7	118	-0.02
85 c	Di-n-octyl phthalate	1.492	1.357	9.0	101	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	93	-0.03
87	Indeno(1,2,3-cd)pyrene	1.467	1.545	-5.3	102	-0.02
88	Benzo(b)fluoranthene	1.179	1.178	0.1	97	0.00
89	Benzo(k)fluoranthene	1.180	1.160	1.7	96	-0.01
90 C	Benzo(a)pyrene	1.148	1.150	-0.2	97	0.00
91	Dibenzo(a,h)anthracene	1.199	1.264	-5.4	102	-0.02
92	Benzo(g,h,i)perylene	1.178	1.268	-7.6	104	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025528.D
Acq On : 21 Aug 2025 06:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	133	0.00
2	1,4-Dioxane	40.000	39.712	0.7	140	0.00
3	Pyridine	40.000	39.440	1.4	139	0.00
4	n-Nitrosodimethylamine	40.000	44.377	-10.9	154	0.00
5 S	2-Fluorophenol	80.000	80.452	-0.6	139	0.00
6	Aniline	40.000	40.577	-1.4	139	0.00
7 S	Phenol-d6	80.000	82.271	-2.8	140	0.00
8	2-Chlorophenol	40.000	40.707	-1.8	140	0.00
9	Benzaldehyde	40.000	49.222	-23.1	130	0.00
10 C	Phenol	40.000	41.075	-2.7	141	0.00
11	bis(2-Chloroethyl)ether	40.000	40.272	-0.7	139	0.00
12	1,3-Dichlorobenzene	40.000	39.834	0.4	138	0.00
13 C	1,4-Dichlorobenzene	40.000	39.573	1.1	138	-0.01
14	1,2-Dichlorobenzene	40.000	39.615	1.0	137	0.00
15	Benzyl Alcohol	40.000	42.156	-5.4	145	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	43.083	-7.7	150	-0.01
17	2-Methylphenol	40.000	41.208	-3.0	140	0.00
18	Hexachloroethane	40.000	40.767	-1.9	140	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.542	-1.4	139	0.00
20	3+4-Methylphenols	40.000	40.875	-2.2	139	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	135	0.00
22	Acetophenone	40.000	40.242	-0.6	140	0.00
23 S	Nitrobenzene-d5	80.000	81.750	-2.2	142	0.00
24	Nitrobenzene	40.000	41.331	-3.3	143	0.00
25	Isophorone	40.000	40.795	-2.0	143	0.00
26 C	2-Nitrophenol	40.000	41.048	-2.6	139	0.00
27	2,4-Dimethylphenol	40.000	40.905	-2.3	139	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.830	0.4	139	0.00
29 C	2,4-Dichlorophenol	40.000	40.321	-0.8	138	0.00
30	1,2,4-Trichlorobenzene	40.000	38.224	4.4	134	0.00
31	Naphthalene	40.000	39.071	2.3	137	0.00
32	Benzoic acid	40.000	42.778	-6.9	146	0.02
33	4-Chloroaniline	40.000	40.477	-1.2	138	0.00
34 C	Hexachlorobutadiene	40.000	39.290	1.8	137	0.00
35	Caprolactam	40.000	40.851	-2.1	143	0.01
36 C	4-Chloro-3-methylphenol	40.000	41.225	-3.1	142	0.00
37	2-Methylnaphthalene	40.000	39.701	0.7	139	0.00
38	1-Methylnaphthalene	40.000	39.062	2.3	138	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	132	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.778	0.6	136	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.117	-0.3	133	0.00
42 S	2,4,6-Tribromophenol	80.000	81.551	-1.9	138	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.093	-5.2	142	0.00
44	2,4,5-Trichlorophenol	40.000	41.781	-4.5	139	0.00
45 S	2-Fluorobiphenyl	80.000	75.599	5.5	131	0.00
46	1,1'-Biphenyl	40.000	40.191	-0.5	137	0.00
47	2-Chloronaphthalene	40.000	39.774	0.6	135	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025528.D
 Acq On : 21 Aug 2025 06:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	45.353	-13.4	149	0.00
49	Acenaphthylene	40.000	39.943	0.1	137	0.00
50	Dimethylphthalate	40.000	41.027	-2.6	141	0.00
51	2,6-Dinitrotoluene	40.000	42.738	-6.8	141	0.00
52 C	Acenaphthene	40.000	39.164	2.1	136	0.00
53	3-Nitroaniline	40.000	42.321	-5.8	142	0.00
54 P	2,4-Dinitrophenol	40.000	42.191	-5.5	141	0.00
55	Dibenzofuran	40.000	39.925	0.2	137	0.00
56 P	4-Nitrophenol	40.000	43.033	-7.6	145	0.00
57	2,4-Dinitrotoluene	40.000	43.783	-9.5	146	0.00
58	Fluorene	40.000	38.298	4.3	133	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.403	-3.5	140	0.00
60	Diethylphthalate	40.000	41.343	-3.4	142	0.00
61	4-Chlorophenyl-phenylether	40.000	38.031	4.9	131	0.00
62	4-Nitroaniline	40.000	40.733	-1.8	136	0.00
63	Azobenzene	40.000	42.575	-6.4	145	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	134	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.114	-5.3	143	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.423	1.4	136	0.00
67	4-Bromophenyl-phenylether	40.000	39.453	1.4	136	0.00
68	Hexachlorobenzene	40.000	39.143	2.1	138	0.00
69	Atrazine	40.000	40.478	-1.2	142	0.00
70 C	Pentachlorophenol	40.000	42.093	-5.2	144	0.00
71	Phenanthrene	40.000	39.098	2.3	138	0.00
72	Anthracene	40.000	38.766	3.1	135	0.00
73	Carbazole	40.000	38.750	3.1	136	0.00
74	Di-n-butylphthalate	40.000	40.043	-0.1	140	0.00
75 C	Fluoranthene	40.000	37.289	6.8	133	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	108	0.00
77	Benzidine	40.000	36.563	8.6	69	0.01
78	Pyrene	40.000	46.678	-16.7	128	0.00
79 S	Terphenyl-d14	80.000	89.549	-11.9	126	0.00
80	Butylbenzylphthalate	40.000	46.209	-15.5	126	0.00
81	Benzo(a)anthracene	40.000	39.933	0.2	112	-0.01
82	3,3'-Dichlorobenzidine	40.000	37.227	6.9	102	0.00
83	Chrysene	40.000	39.504	1.2	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.878	-4.7	118	-0.02
85 c	Di-n-octyl phthalate	40.000	36.401	9.0	101	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	93	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	42.143	-5.4	102	-0.02
88	Benzo(b)fluoranthene	40.000	39.965	0.1	97	0.00
89	Benzo(k)fluoranthene	40.000	39.310	1.7	96	-0.01
90 C	Benzo(a)pyrene	40.000	40.085	-0.2	97	0.00
91	Dibenzo(a,h)anthracene	40.000	42.186	-5.5	102	-0.02
92	Benzo(g,h,i)perylene	40.000	43.043	-7.6	104	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025528.D
Acq On : 21 Aug 2025 06:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 07:32:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = 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>PORT06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2832</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/22/2025 10:49</u>
Lab File ID:	<u>BP025544.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.201		-0.2	
Benzaldehyde	1.082	1.377		27.3	
Phenol-d6	1.544	1.586		2.7	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.266		0.2	
2-Chlorophenol	1.359	1.376		1.3	
2-Methylphenol	1.125	1.147		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.738		2.7	
Acetophenone	0.502	0.494		-1.6	
3+4-Methylphenols	1.560	1.584		1.5	
n-Nitroso-di-n-propylamine	1.023	1.030	0.050	0.7	
Nitrobenzene-d5	0.395	0.396		0.3	
Hexachloroethane	0.563	0.554		-1.6	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.697		-0.4	
2-Nitrophenol	0.181	0.184		1.7	20.0
2,4-Dimethylphenol	0.312	0.307		-1.6	
bis(2-Chloroethoxy)methane	0.423	0.416		-1.7	
2,4-Dichlorophenol	0.310	0.307		-1.0	20.0
Naphthalene	1.040	1.006		-3.3	
4-Chloroaniline	0.459	0.460		0.2	
Hexachlorobutadiene	0.211	0.200		-5.2	20.0
Caprolactam	0.114	0.124		8.8	
4-Chloro-3-methylphenol	0.355	0.364		2.5	20.0
2-Methylnaphthalene	0.676	0.652		-3.5	
Hexachlorocyclopentadiene	0.349	0.397	0.050	13.8	
2,4,6-Trichlorophenol	0.390	0.387		-0.8	20.0
2-Fluorobiphenyl	1.463	1.364		-6.8	
2,4,5-Trichlorophenol	0.427	0.430		0.7	
1,1-Biphenyl	1.453	1.392		-4.2	
2-Chloronaphthalene	1.131	1.080		-4.5	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.455		-0.7	
Acenaphthylene	1.871	1.834		-2.0	
2,6-Dinitrotoluene	0.309	0.324		4.9	
3-Nitroaniline	0.347	0.370		6.6	
Acenaphthene	1.098	1.042		-5.1	20.0
2,4-Dinitrophenol	0.165	0.228	0.050	38.2	
4-Nitrophenol	0.285	0.311	0.050	9.1	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PORT06
 Lab Code: ACE SDG No.: Q2832
 Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49
 Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.471		7.0	
Diethylphthalate	1.488	1.520		2.2	
4-Chlorophenyl-phenylether	0.681	0.653		-4.1	
Fluorene	1.370	1.350		-1.5	
4-Nitroaniline	0.356	0.382		7.3	
4,6-Dinitro-2-methylphenol	0.125	0.146		16.8	
n-Nitrosodiphenylamine	0.610	0.590		-3.3	20.0
2,4,6-Tribromophenol	0.269	0.273		1.5	
4-Bromophenyl-phenylether	0.220	0.209		-5.0	
Hexachlorobenzene	0.255	0.238		-6.7	
Atrazine	0.228	0.228		0.0	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.058		-3.7	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.064		0.7	
Di-n-butylphthalate	1.300	1.314		1.1	
Fluoranthene	1.311	1.296		-1.1	20.0
Pyrene	1.300	1.255		-3.5	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.607		3.1	
3,3-Dichlorobenzidine	0.497	0.497		0.0	
Benzo (a) anthracene	1.319	1.273		-3.5	
Chrysene	1.235	1.201		-2.8	
Bis(2-ethylhexyl)phthalate	0.867	0.866		-0.1	
Di-n-octyl phthalate	1.492	1.541		3.3	20.0
Benzo (b) fluoranthene	1.179	1.115		-5.4	
Benzo (k) fluoranthene	1.180	1.139		-3.5	
Benzo (a) pyrene	1.148	1.107		-3.6	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.402		-4.4	
Dibenzo (a,h) anthracene	1.199	1.138		-5.1	
Benzo (g,h,i) perylene	1.178	1.141		-3.1	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.381		1.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Aug 22 15:31:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 18:14:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/25/2025
1) 1,4-Dichlorobenzene-d4	7.778	152	137158	20.000	ng	-0.01	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.548	136	591885	20.000	ng	-0.01	
39) Acenaphthene-d10	14.389	164	400784	20.000	ng	-0.02	
64) Phenanthrene-d10	17.189	188	833863	20.000	ng	-0.01	
76) Chrysene-d12	21.624	240	897419	20.000	ng	-0.02	
86) Perylene-d12	24.989	264	1034534	20.000	ng	-0.01	08/25/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	658889	79.778	ng	-0.01	
7) Phenol-d6	6.960	99	870194	82.181	ng	0.00	
23) Nitrobenzene-d5	8.919	82	936572	80.044	ng	-0.02	
42) 2,4,6-Tribromophenol	15.901	330	437400	81.081	ng	-0.01	
45) 2-Fluorobiphenyl	13.007	172	2187133	74.582	ng	-0.01	
79) Terphenyl-d14	19.919	244	3735539	76.157	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	126565	39.123	ng		98
3) Pyridine	3.719	79	352441	39.803	ng		95
4) n-Nitrosodimethylamine	3.625	42	156699	42.925	ng		95
6) Aniline	7.113	93	584678	40.982	ng		98
8) 2-Chlorophenol	7.354	128	377480	40.502	ng		98
9) Benzaldehyde	6.931	77	377761	50.920	ng		97
10) Phenol	6.990	94	454392	40.896	ng		99
11) bis(2-Chloroethyl)ether	7.207	93	347308	40.104	ng		100
12) 1,3-Dichlorobenzene	7.672	146	403624	39.275	ng		99
13) 1,4-Dichlorobenzene	7.813	146	408744	38.913	ng		100
14) 1,2-Dichlorobenzene	8.131	146	395076	38.855	ng		99
15) Benzyl Alcohol	8.013	79	350420	41.650	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	476882	41.106	ng		98
17) 2-Methylphenol	8.219	107	314755	40.788	ng		99
18) Hexachloroethane	8.848	117	152108	39.385	ng		97
19) n-Nitroso-di-n-propyla...	8.572	70	282550	40.285	ng		97
20) 3+4-Methylphenols	8.537	107	434634	40.633	ng		99
22) Acetophenone	8.590	105	584402	39.371	ng	#	98
24) Nitrobenzene	8.960	77	423141	40.465	ng		98
25) Isophorone	9.484	82	825151	39.849	ng		98
26) 2-Nitrophenol	9.666	139	217690	40.564	ng		98
27) 2,4-Dimethylphenol	9.731	122	362942	39.326	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	492540	39.349	ng		98
29) 2,4-Dichlorophenol	10.201	162	362953	39.589	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	377852	37.597	ng		99
31) Naphthalene	10.595	128	1190906	38.712	ng		99
32) Benzoic acid	9.866	122	287794	42.238	ng		98
33) 4-Chloroaniline	10.701	127	544082	40.039	ng		99
34) Hexachlorobutadiene	10.884	225	236313	37.756	ng		99
35) Caprolactam	11.484	113	146444	43.562	ng		98
36) 4-Chloro-3-methylphenol	11.825	107	430943	40.964	ng		97
37) 2-Methylnaphthalene	12.201	142	772294	38.576	ng		98
38) 1-Methylnaphthalene	12.425	142	814475	38.255	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	438884	37.916	ng		100
41) Hexachlorocyclopentadiene	12.548	237	318513	45.555	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	310241	39.701	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Reviewed By :Rahul
 Chavli

Quant Time: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	344858	40.266	ng	98
46) 1,1'-Biphenyl	13.213	154	1115829	38.335	ng	99
47) 2-Chloronaphthalene	13.254	162	865951	38.216	ng	99
48) 2-Nitroaniline	13.454	65	281688	42.664	ng	99
49) Acenaphthylene	14.107	152	1469952	39.203	ng	99
50) Dimethylphthalate	13.836	163	1166302	39.739	ng	100
51) 2,6-Dinitrotoluene	13.954	165	259388	41.932	ng	96
52) Acenaphthene	14.454	154	835227	37.949	ng	100
53) 3-Nitroaniline	14.289	138	296205	42.560	ng	97
54) 2,4-Dinitrophenol	14.495	184	183023	55.404	ng	99
55) Dibenzofuran	14.795	168	1337680	38.443	ng	100
56) 4-Nitrophenol	14.613	139	249157	43.566	ng	93
57) 2,4-Dinitrotoluene	14.754	165	377588	42.783	ng	99
58) Fluorene	15.454	166	1082057	39.409	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.031	232	305718	40.427	ng	99
60) Diethylphthalate	15.219	149	1218314	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	523765	38.356	ng	96
62) 4-Nitroaniline	15.466	138	305995	42.887	ng	96
63) Azobenzene	15.742	77	1061331	41.564	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	243063	46.762	ng	92
66) n-Nitrosodiphenylamine	15.666	169	983453	38.676	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	349351	38.093	ng	96
68) Hexachlorobenzene	16.477	284	397731	37.412	ng	98
69) Atrazine	16.642	200	380917	40.001	ng	99
70) Pentachlorophenol	16.830	266	281816	41.994	ng	97
71) Phenanthrene	17.230	178	1765274	38.537	ng	99
72) Anthracene	17.325	178	1855981	39.676	ng	99
73) Carbazole	17.607	167	1774697	40.278	ng	99
74) Di-n-butylphthalate	18.195	149	2191310	40.423	ng	100
75) Fluoranthene	19.319	202	2161458	39.558	ng	99
77) Benzidine	19.513	184	1361472	44.453	ng	99
78) Pyrene	19.689	202	2251793	38.605	ng	100
80) Butylbenzylphthalate	20.642	149	1089684	41.220	ng	97
81) Benzo(a)anthracene	21.601	228	2284044	38.592	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	892356	40.001	ng	99
83) Chrysene	21.677	228	2156183	38.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1553607	39.923	ng	100
85) Di-n-octyl phthalate	22.836	149	2766119	41.326	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	2900566m	38.231	ng	
88) Benzo(b)fluoranthene	23.936	252	2306180	37.804	ng	99
89) Benzo(k)fluoranthene	24.001	252	2356963	38.610	ng	100
90) Benzo(a)pyrene	24.836	252	2290273	38.568	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2355175	37.987	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2361222	38.743	ng	98

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 Upadhyay

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

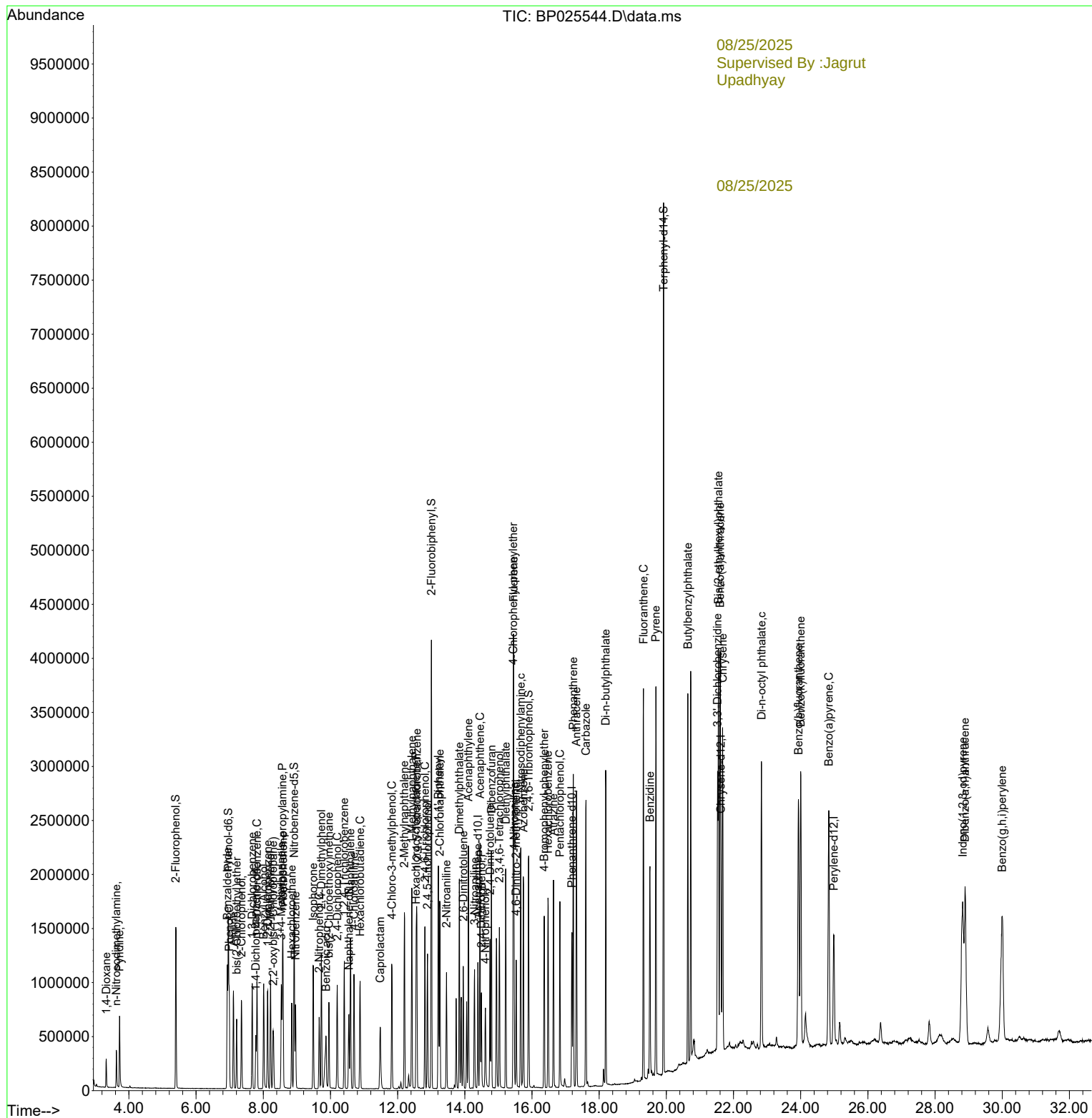
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Data File : BP025544.D  
Acq On    : 22 Aug 2025  10:49  
Operator  : CG/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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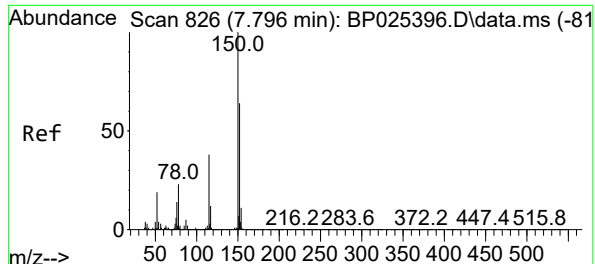
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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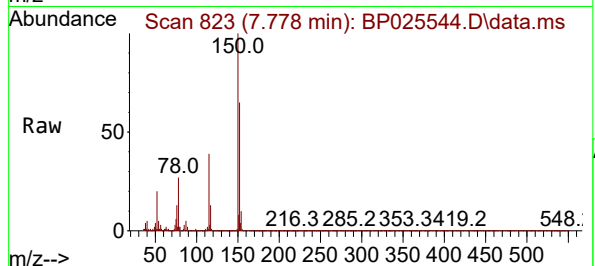
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

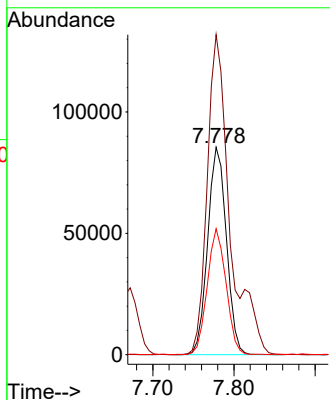
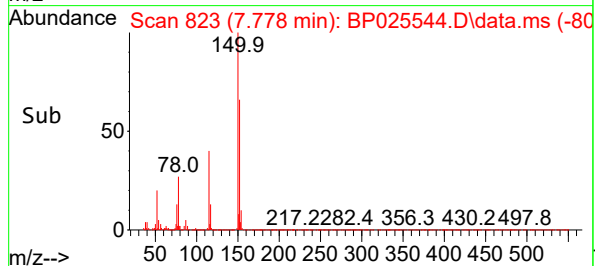
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 152 Resp: 137158
Ion Ratio Lower Upper
152 100
150 154.4 125.9 188.9
115 60.8 48.5 72.7

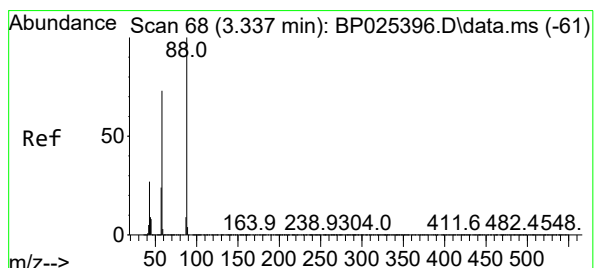
Manual Integrations
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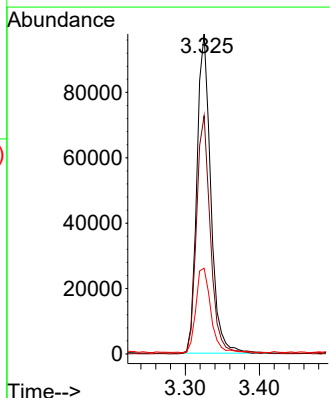
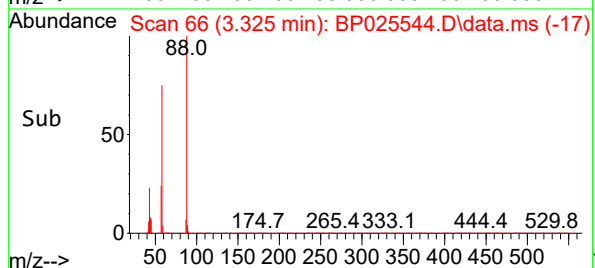
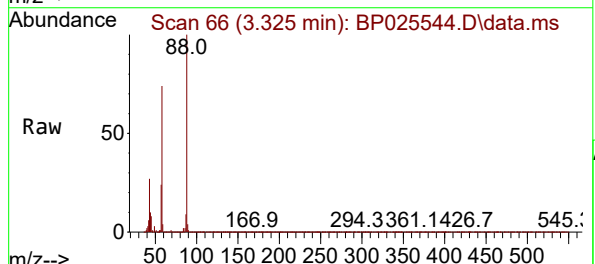
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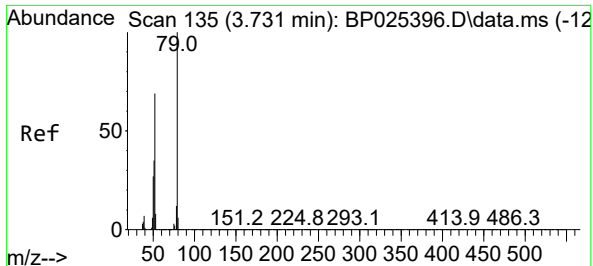
08/25/2025



#2
1,4-Dioxane
Concen: 39.123 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

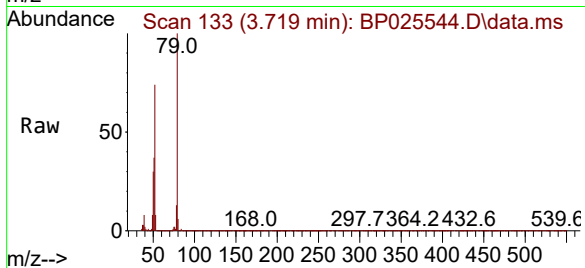
Tgt Ion: 88 Resp: 126565
Ion Ratio Lower Upper
88 100
58 74.9 59.2 88.8
43 28.6 21.7 32.5





#3
Pyridine
Concen: 39.803 ng
RT: 3.719 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

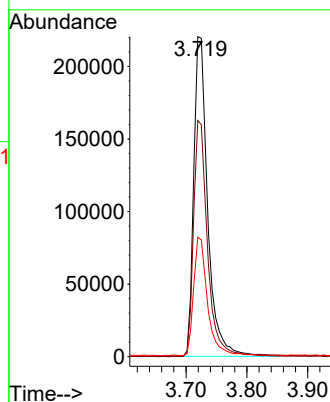
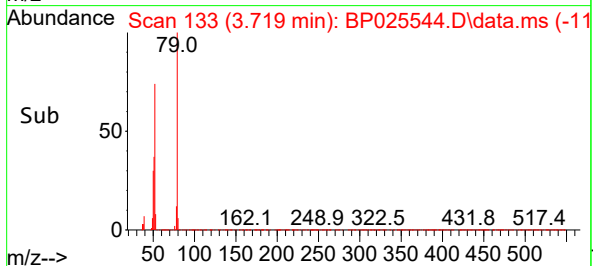
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 35244
Ion Ratio Lower Upper
79 100
52 73.8 55.5 83.3
51 37.3 28.3 42.5

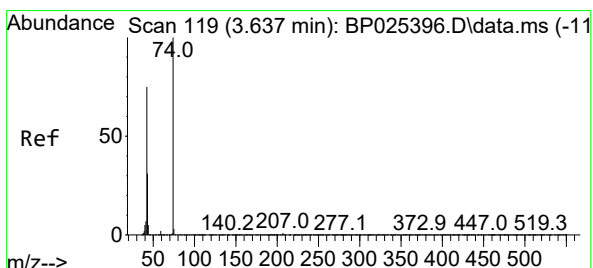
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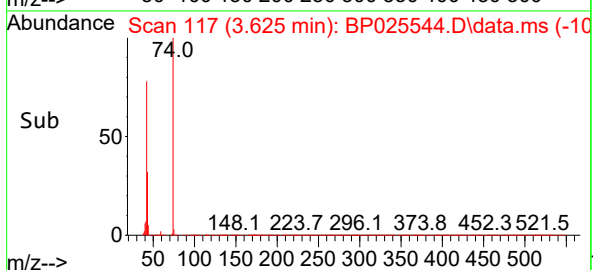
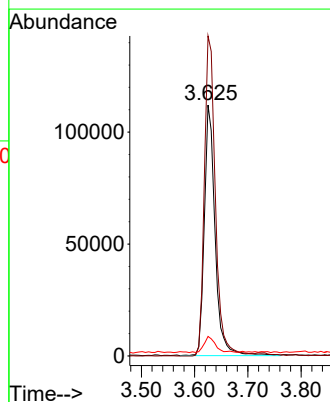
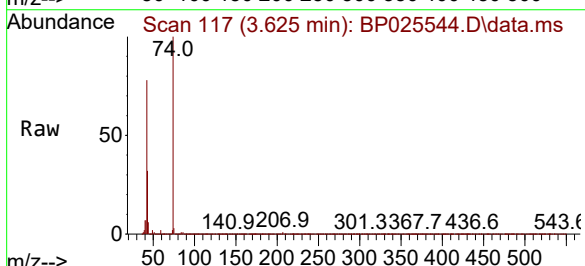
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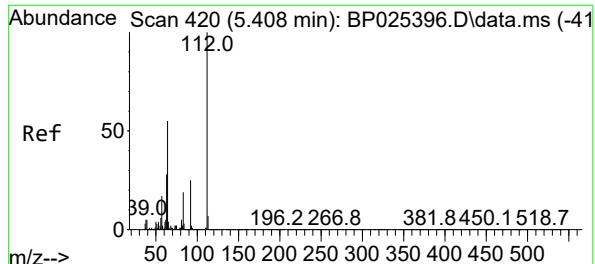
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#4
n-Nitrosodimethylamine
Concen: 42.925 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

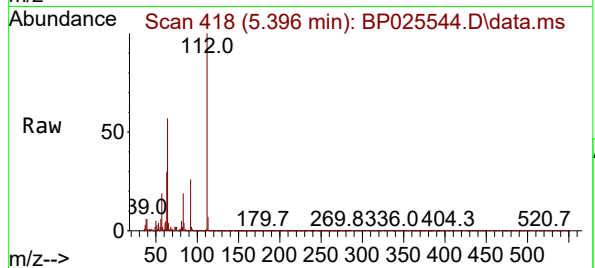
Tgt Ion: 42 Resp: 156699
Ion Ratio Lower Upper
42 100
74 127.6 107.0 160.4
44 7.8 6.2 9.4





#5
2-Fluorophenol
Concen: 79.778 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

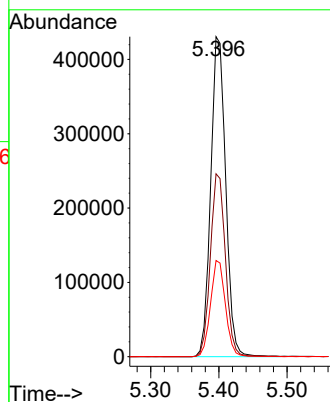
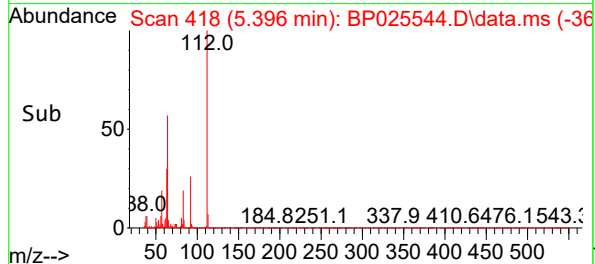
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 658889
Ion Ratio Lower Upper
112 100
64 57.1 43.8 65.8
63 30.1 22.7 34.1

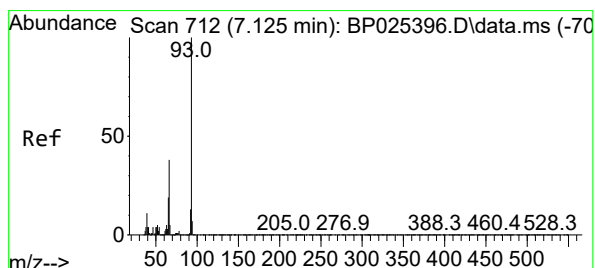
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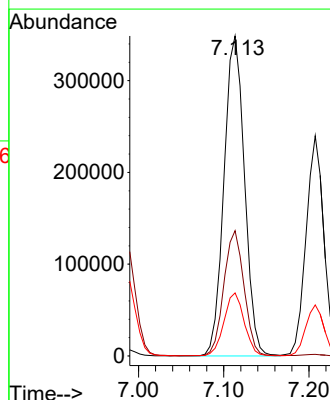
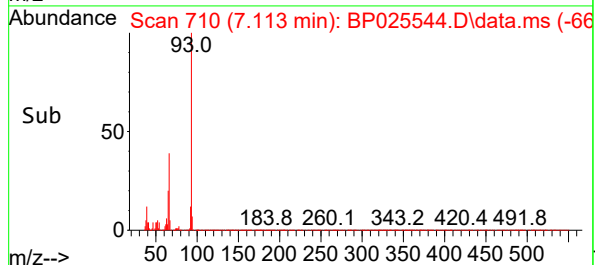
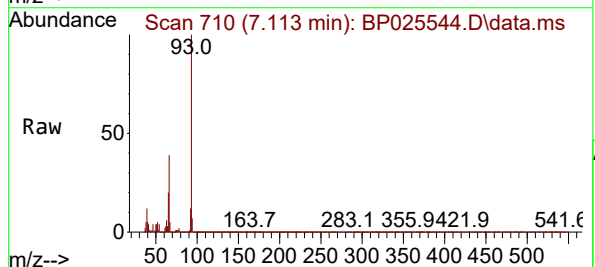
08/25/2025
Supervised By :Jagrut
Upadhyay

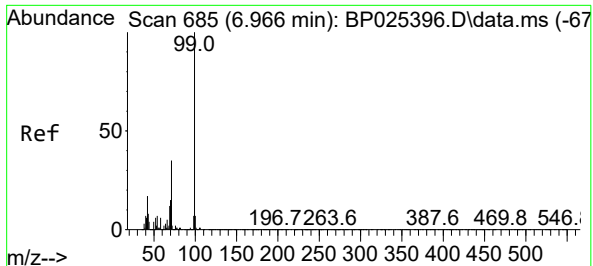
08/25/2025



#6
Aniline
Concen: 40.982 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

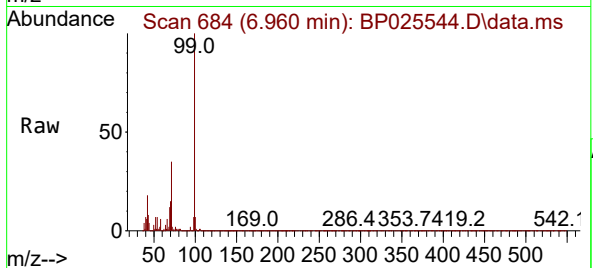
Tgt Ion: 93 Resp: 584678
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 19.7 15.3 22.9





#7
Phenol-d6
Concen: 82.181 ng
RT: 6.960 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

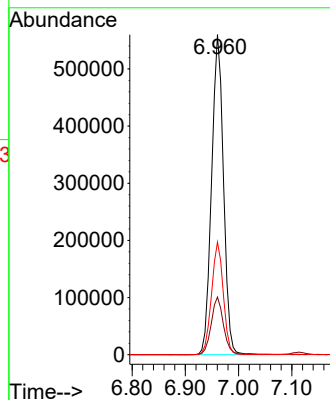
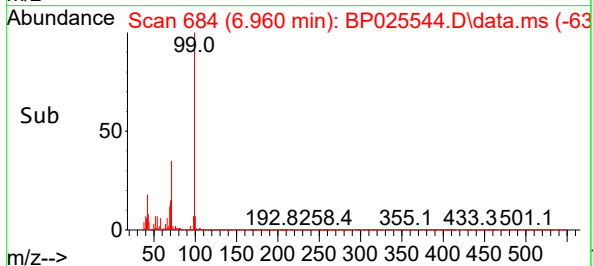
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 870194
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.2 28.2 42.4

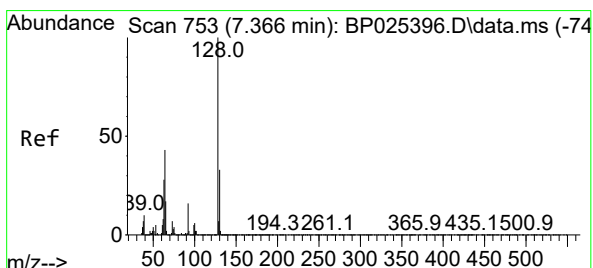
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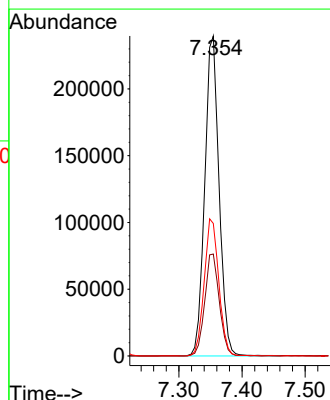
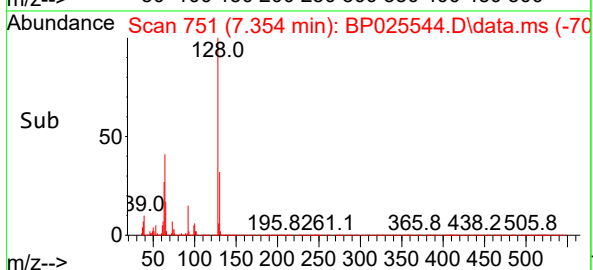
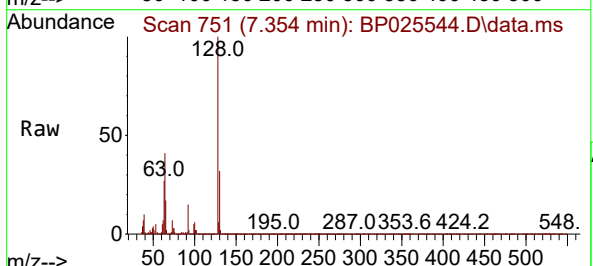
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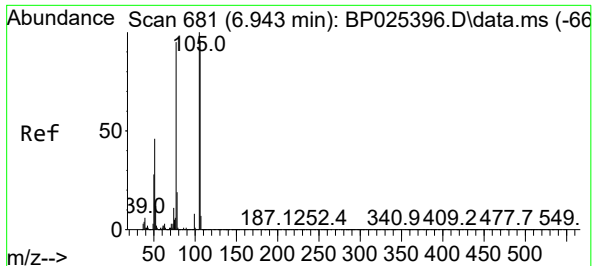
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#8
2-Chlorophenol
Concen: 40.502 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

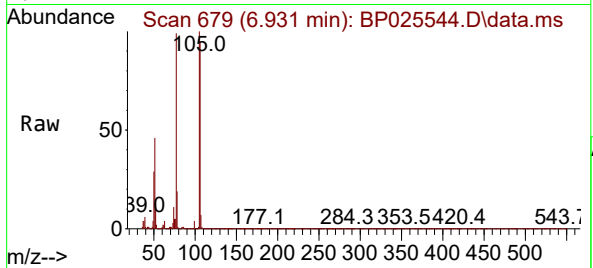
Tgt Ion:128 Resp: 377480
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 41.4 23.4 63.4





#9
Benzaldehyde
Concen: 50.920 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

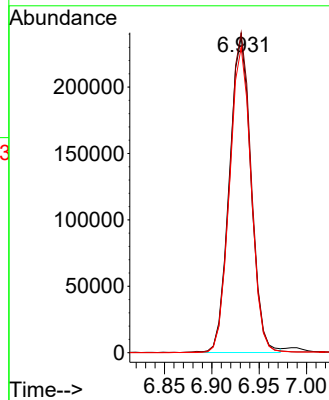
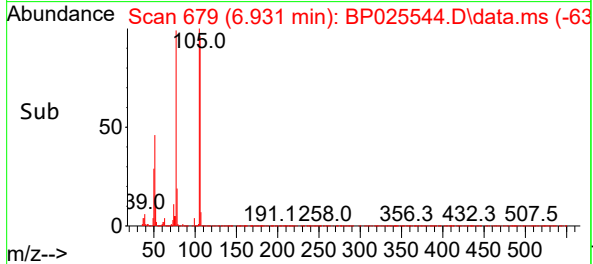
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 37776
Ion Ratio Lower Upper
77 100
105 101.5 84.8 124.8
106 96.9 80.5 120.5

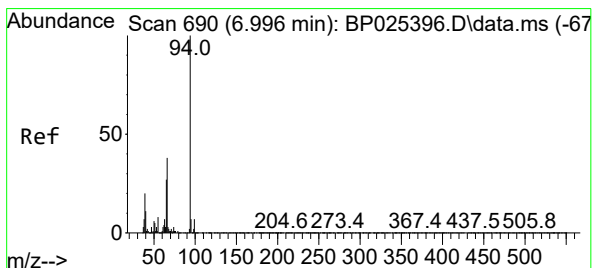
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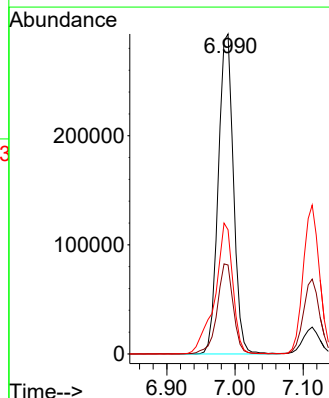
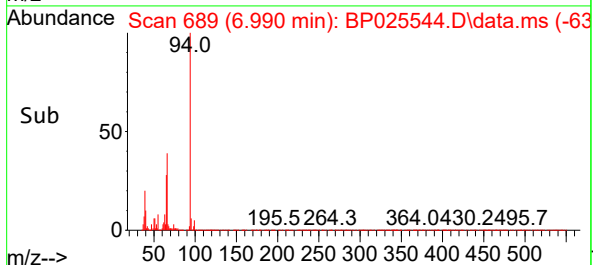
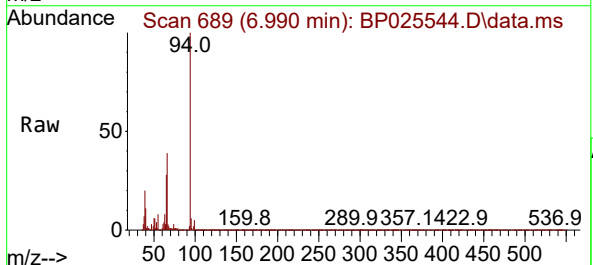
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Upadhyay

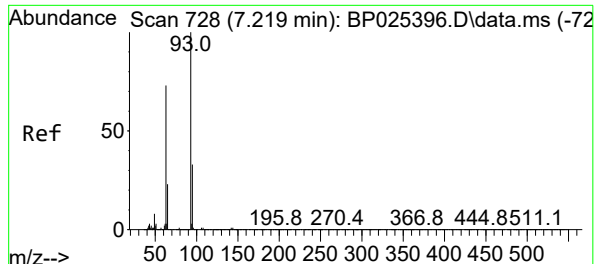
08/25/2025



#10
Phenol
Concen: 40.896 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion: 94 Resp: 454392
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 38.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 40.104 ng

RT: 7.207 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 347308

Ion Ratio Lower Upper

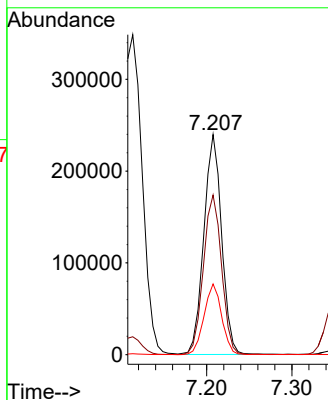
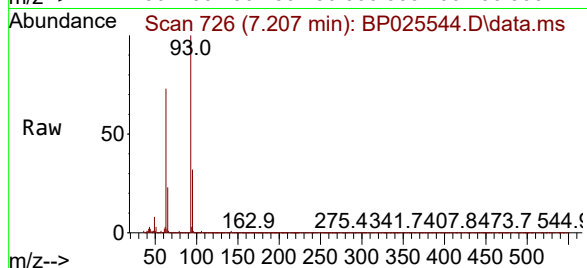
93 100

63 72.5 52.6 92.6

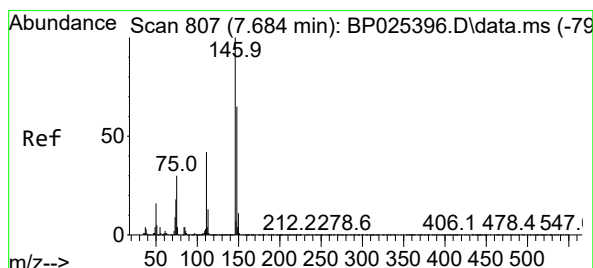
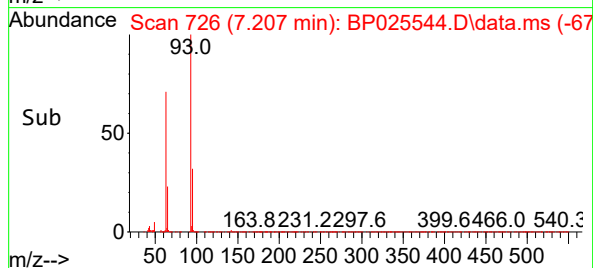
95 32.1 12.7 52.7

Manual Integrations

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Reviewed By :Rahul
Chavli08/25/2025
Supervised By :Jagrut
Upadhyay

08/25/2025



#12

1,3-Dichlorobenzene

Concen: 39.275 ng

RT: 7.672 min Scan# 805

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

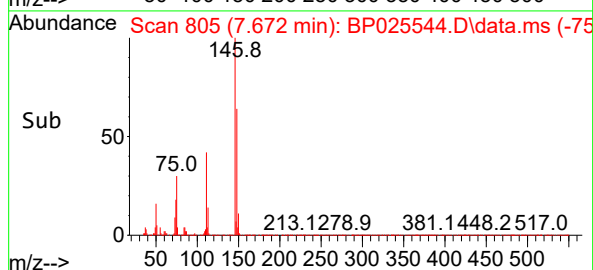
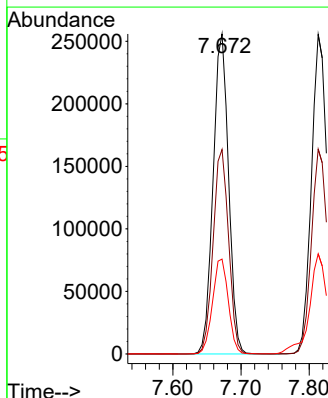
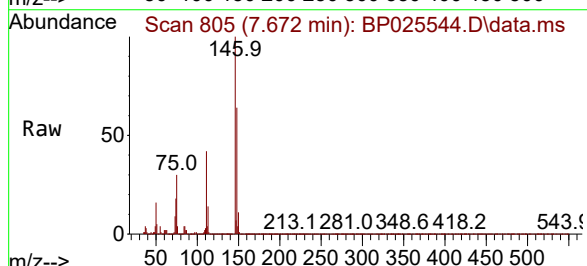
Tgt Ion:146 Resp: 403624

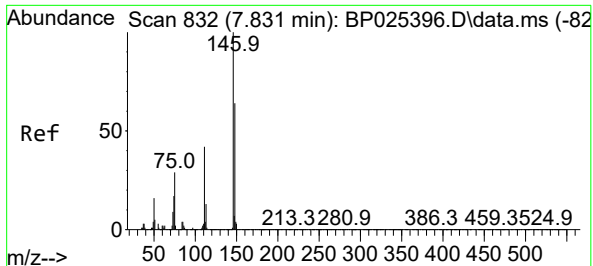
Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

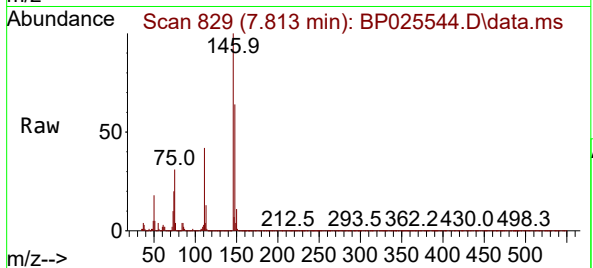
75 29.6 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 38.913 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

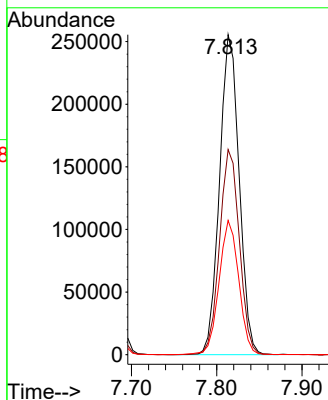
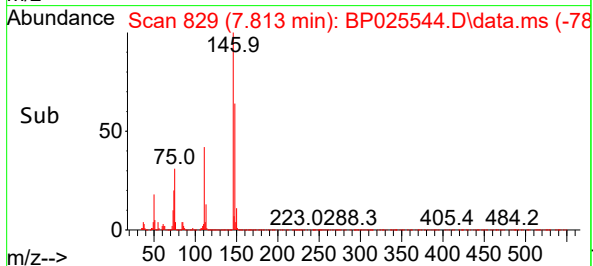
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 408744
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 42.0 33.4 50.0

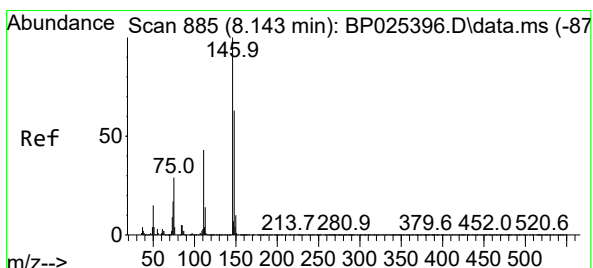
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Chavli



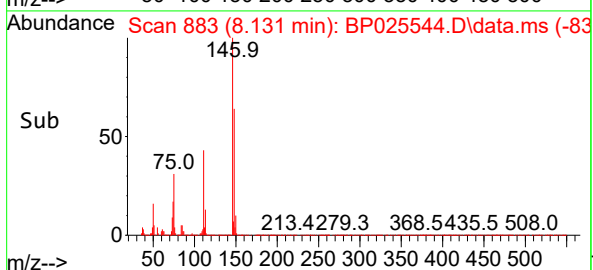
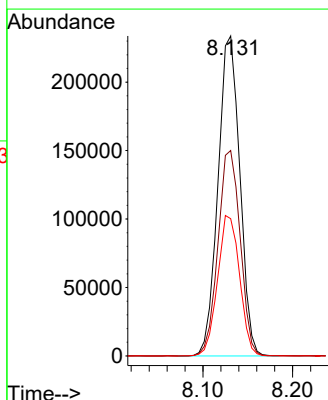
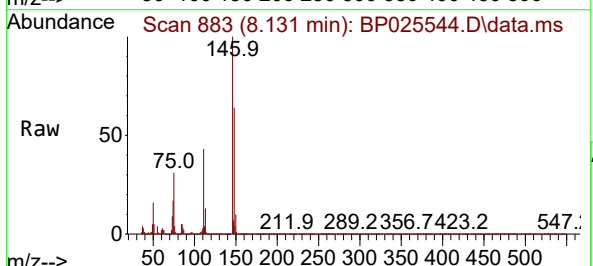
08/25/2025
Supervised By :Jagrut
Upadhyay

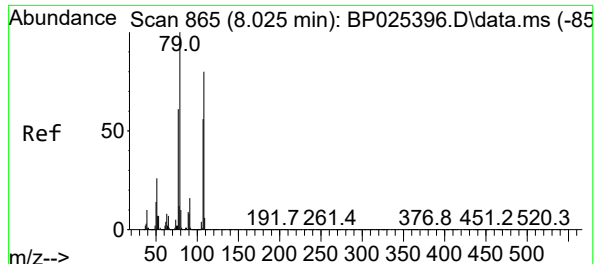
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#14
1,2-Dichlorobenzene
Concen: 38.855 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:146 Resp: 395076
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 42.9 34.5 51.7





#15

Benzyl Alcohol

Concen: 41.650 ng

RT: 8.013 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 350420

Ion Ratio Lower Upper

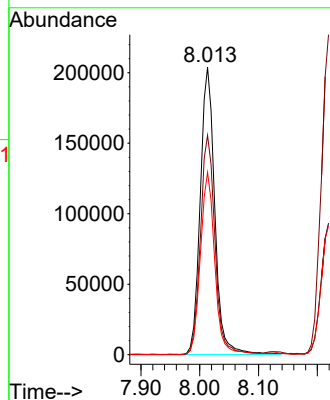
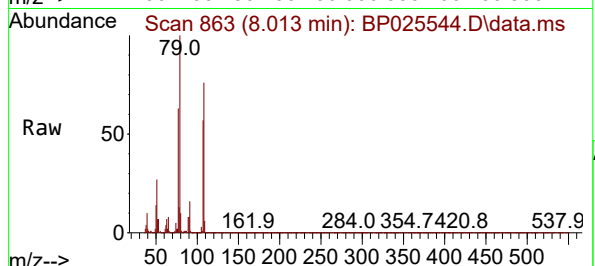
79 100

108 76.3 63.8 95.6

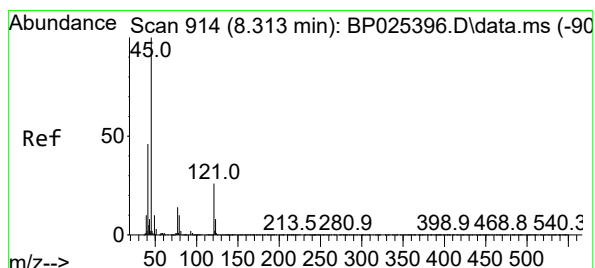
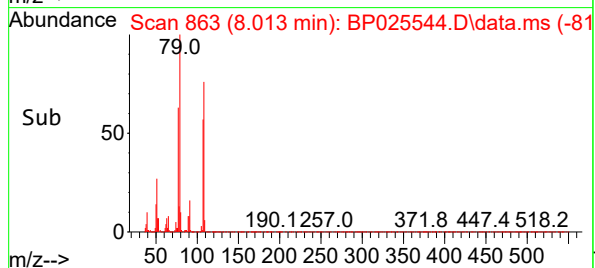
77 63.4 49.0 73.4

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Upadhyay

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.106 ng

RT: 8.296 min Scan# 911

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

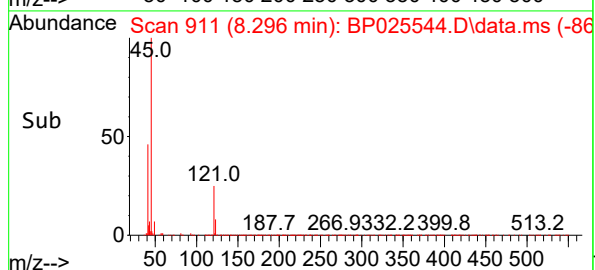
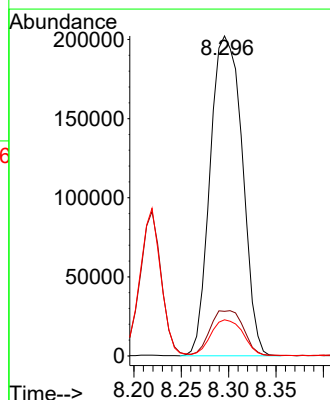
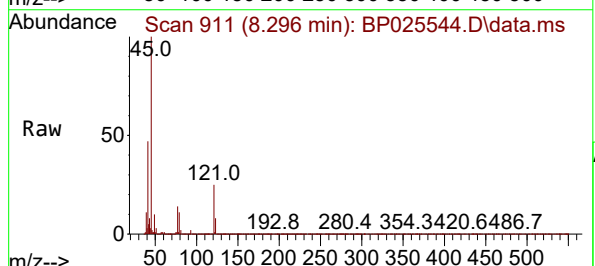
Tgt Ion: 45 Resp: 476882

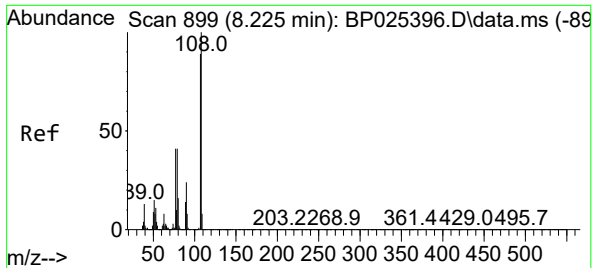
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.3

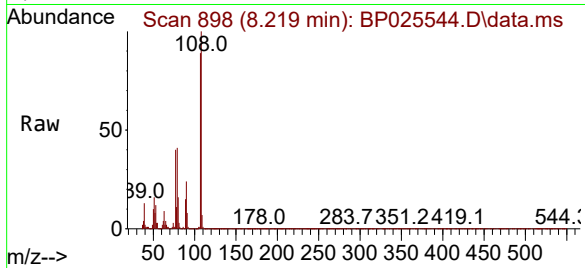
79 11.3 0.0 31.8





#17
2-Methylphenol
Concen: 40.788 ng
RT: 8.219 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

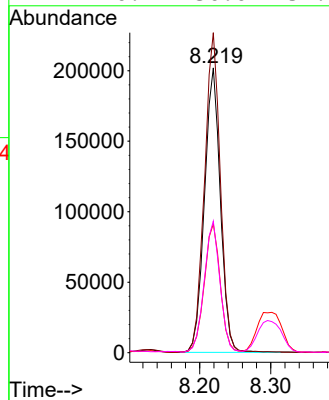
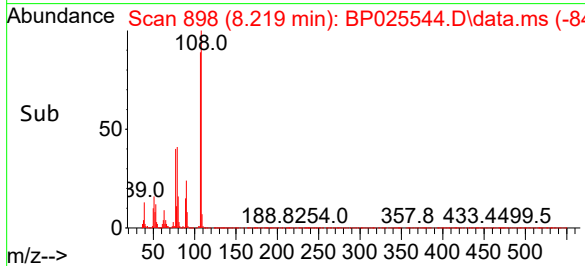
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 31475
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.0
77 45.2 36.3 54.5
79 46.2 36.6 54.8

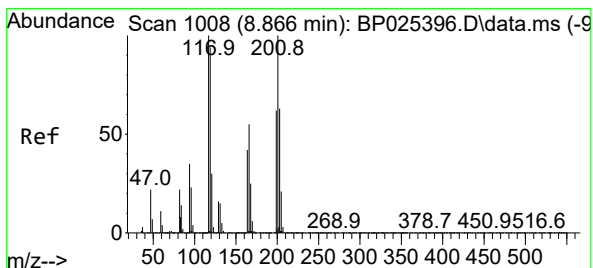
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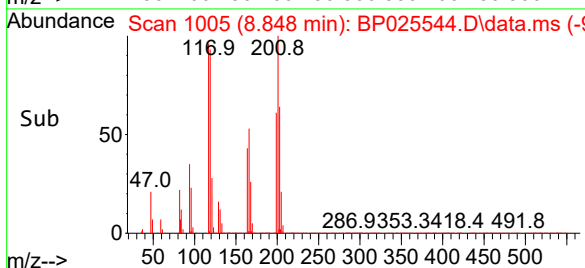
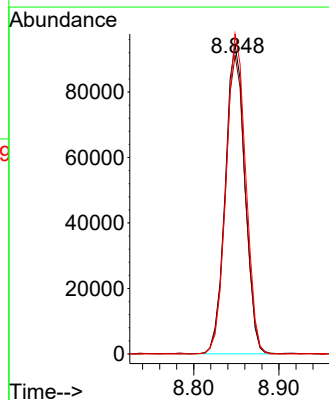
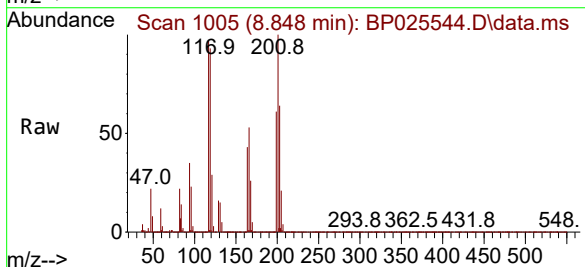
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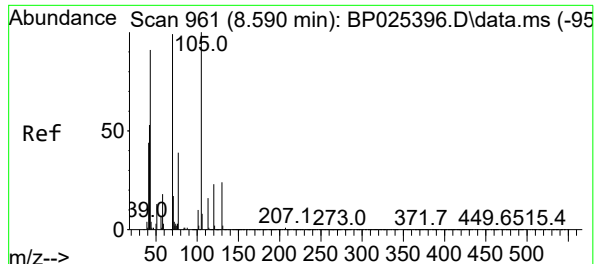
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#18
Hexachloroethane
Concen: 39.385 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:117 Resp: 152108
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7
201 103.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.285 ng

RT: 8.572 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 282550

Ion Ratio Lower Upper

70 100

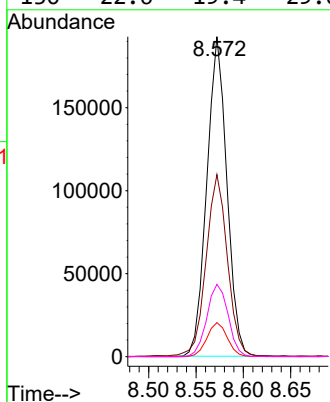
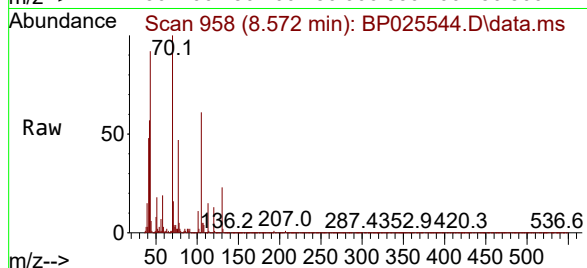
42 56.9 43.8 65.6

101 10.6 8.5 12.7

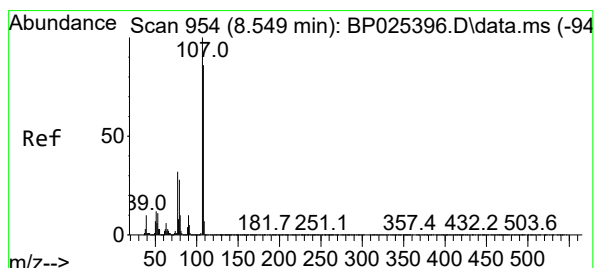
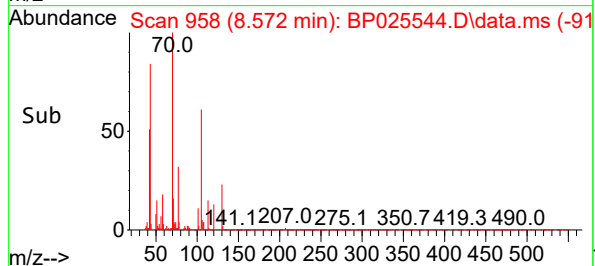
130 22.6 19.4 29.0

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#20

3+4-Methylphenols

Concen: 40.633 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Tgt Ion:107 Resp: 434634

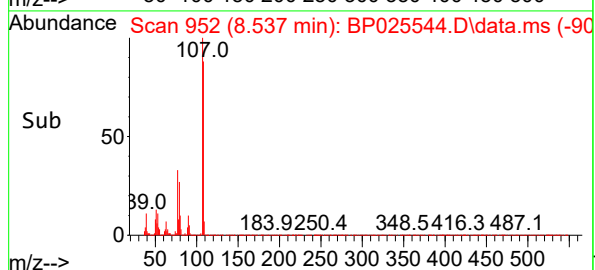
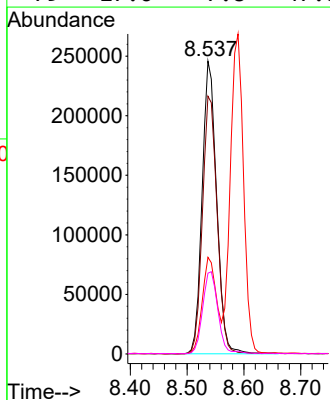
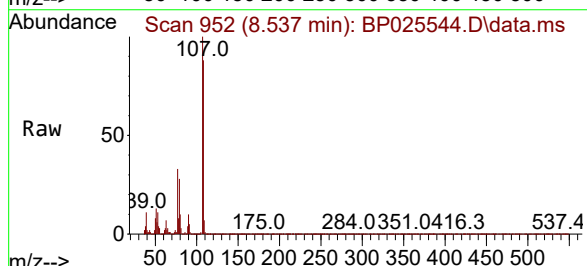
Ion Ratio Lower Upper

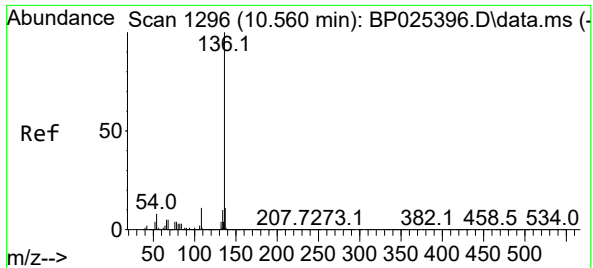
107 100

108 88.0 66.3 106.3

77 33.0 12.3 52.3

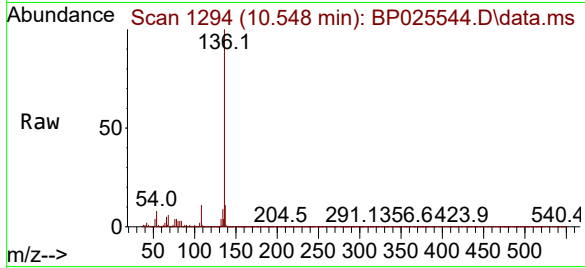
79 27.6 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

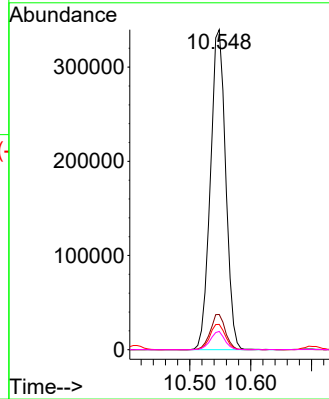
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 59188
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.9 6.0 9.0
68 5.7 4.3 6.5

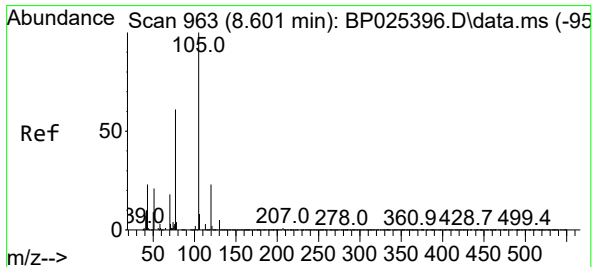
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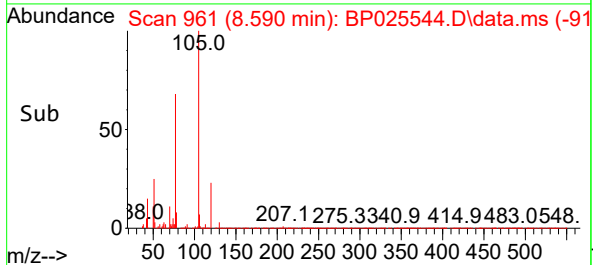
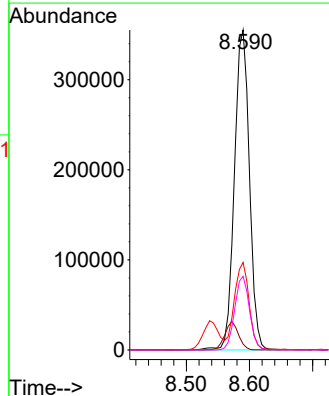
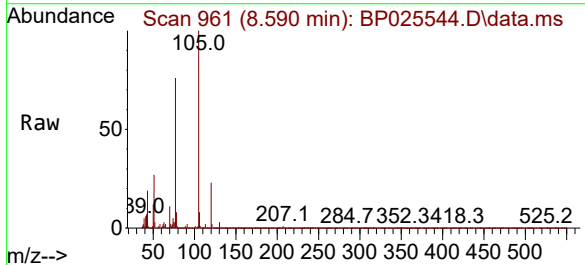
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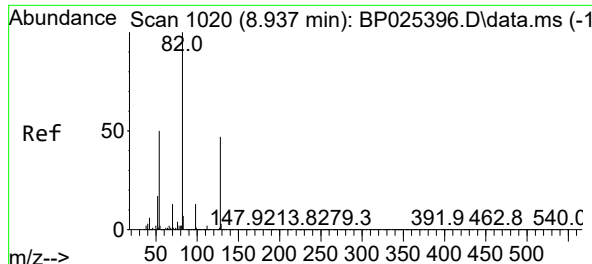
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#22
Acetophenone
Concen: 39.371 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:105 Resp: 584402
Ion Ratio Lower Upper
105 100
71 1.9 2.6 4.0#
51 27.4 20.6 30.8
120 23.0 18.6 27.8





#23

Nitrobenzene-d5

Concen: 80.044 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 936572

Ion Ratio Lower Upper

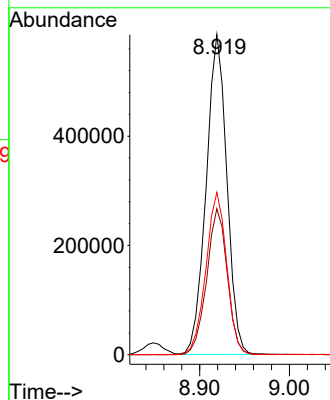
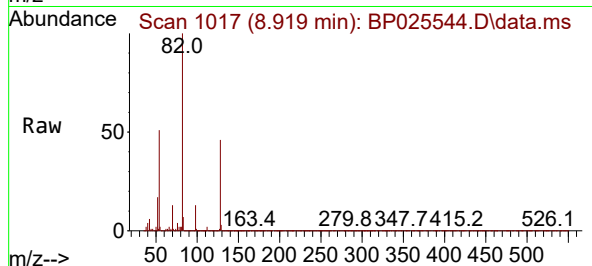
82 100

128 45.6 37.7 56.5

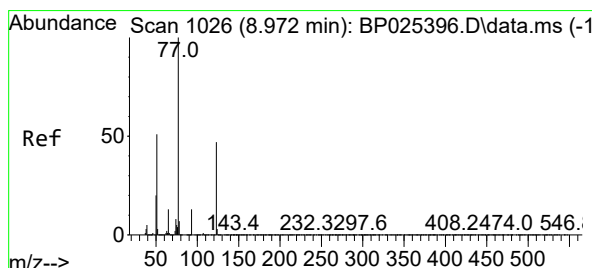
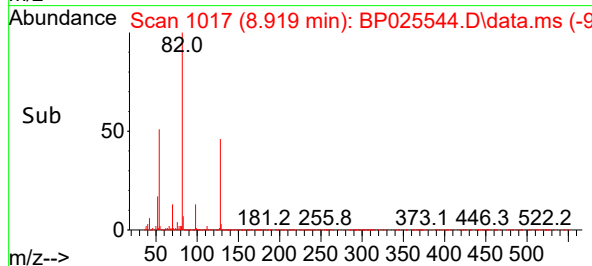
54 50.7 39.8 59.6

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#24

Nitrobenzene

Concen: 40.465 ng

RT: 8.960 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

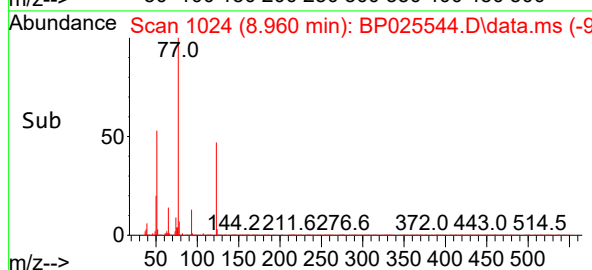
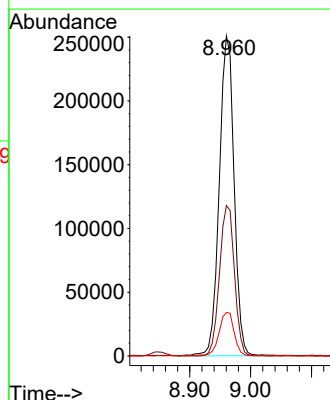
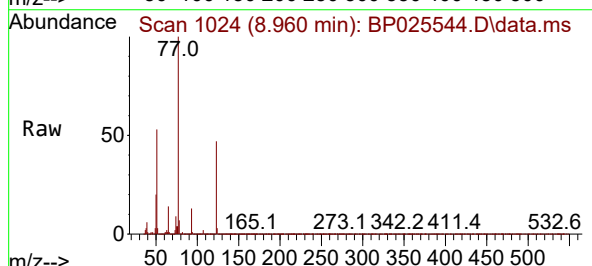
Tgt Ion: 77 Resp: 423141

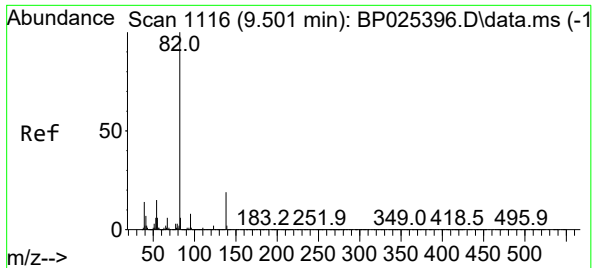
Ion Ratio Lower Upper

77 100

123 47.0 38.6 58.0

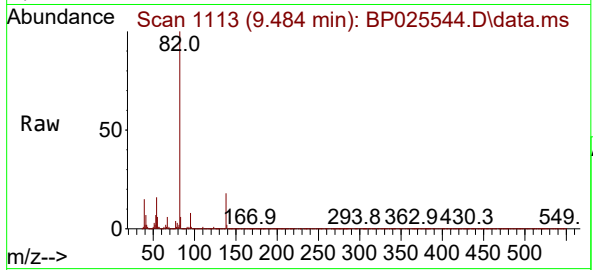
65 13.6 10.6 15.8





#25
Isophorone
Concen: 39.849 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

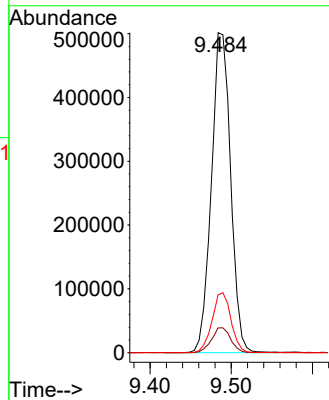
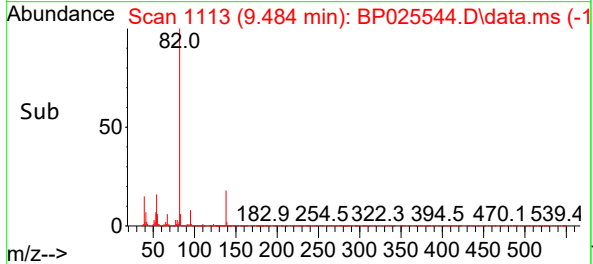
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 82515
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 15.4 23.0

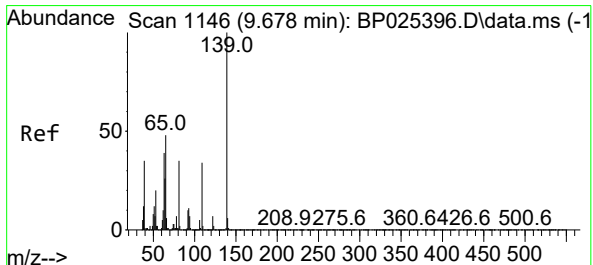
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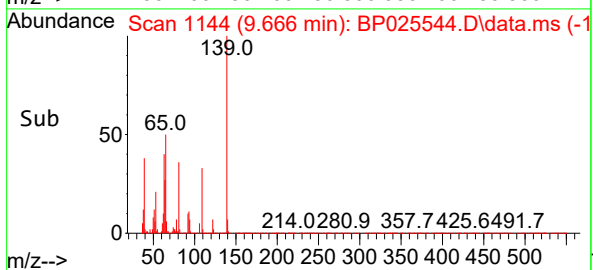
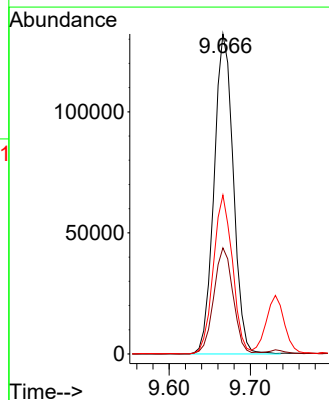
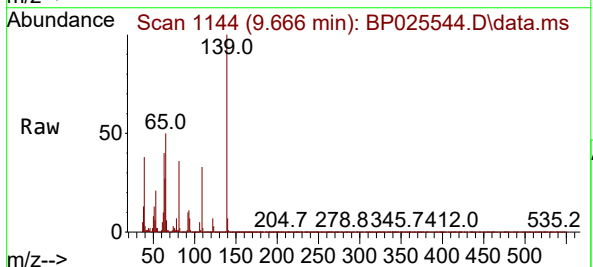
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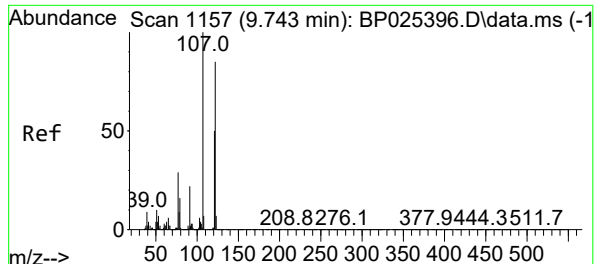
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#26
2-Nitrophenol
Concen: 40.564 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:139 Resp: 217690
Ion Ratio Lower Upper
139 100
109 33.1 26.9 40.3
65 49.7 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 39.326 ng

RT: 9.731 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 36294

Ion Ratio Lower Upper

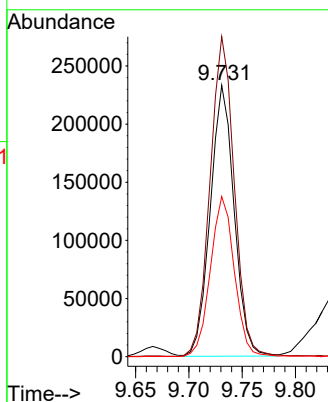
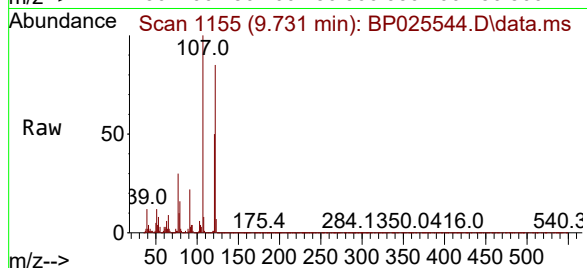
122 100

107 117.9 93.7 140.5

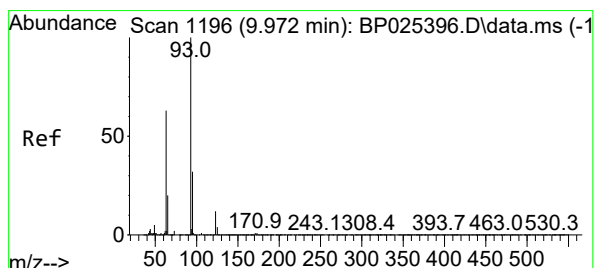
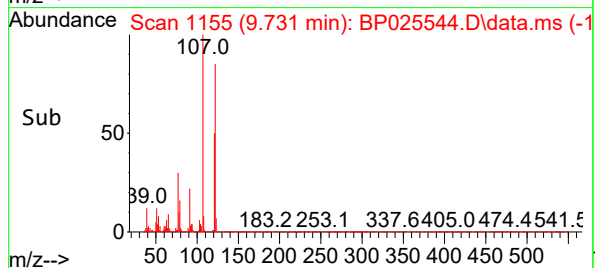
121 59.0 46.6 69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.349 ng

RT: 9.954 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

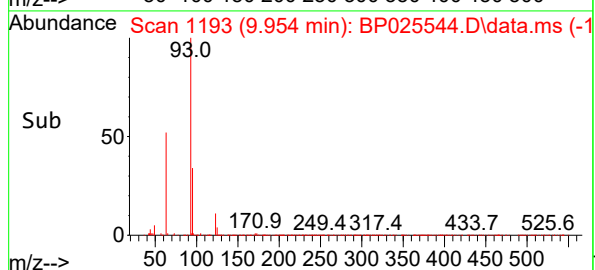
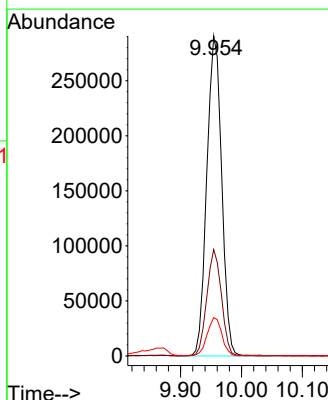
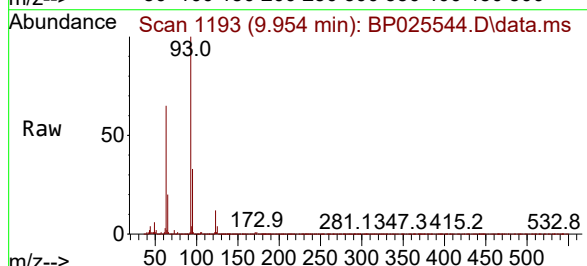
Tgt Ion: 93 Resp: 492540

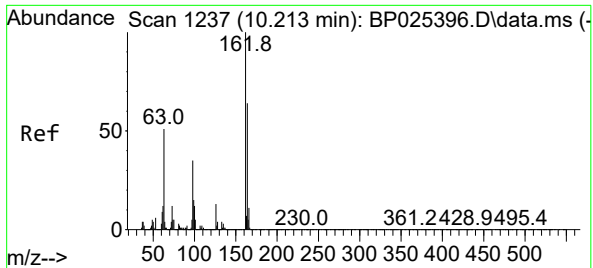
Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.589 ng

RT: 10.201 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 36295

Ion Ratio Lower Upper

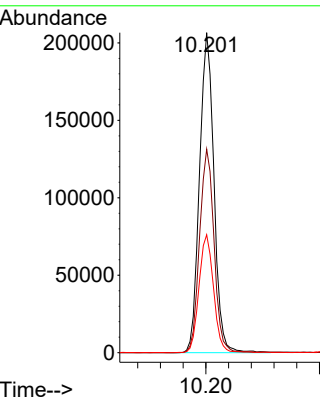
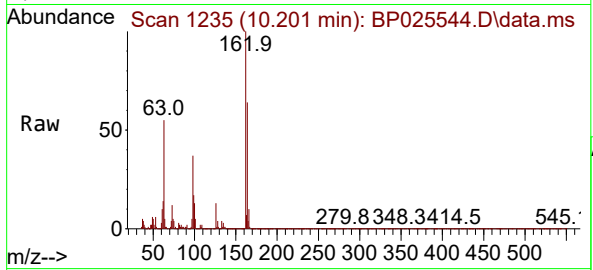
162 100

164 63.6 44.4 84.4

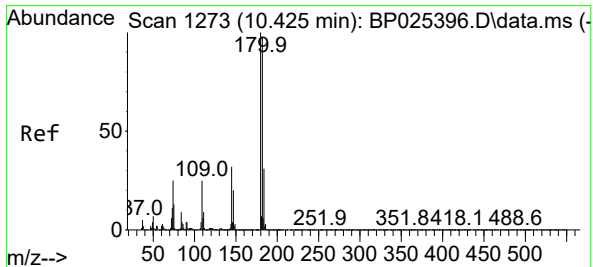
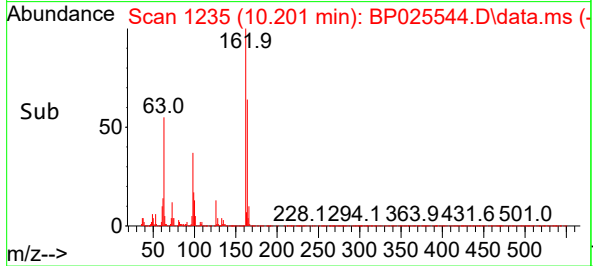
98 36.9 14.9 54.9

Manual Integrations

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Reviewed By :Rahul
Chavli08/25/2025
Supervised By :Jagrut
Upadhyay

08/25/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.597 ng

RT: 10.413 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

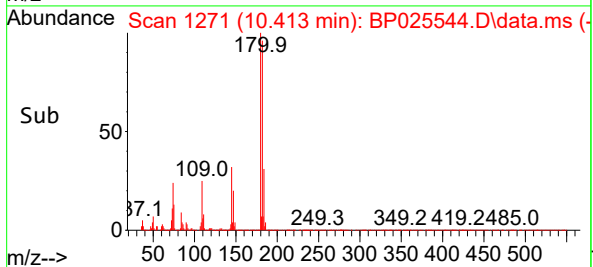
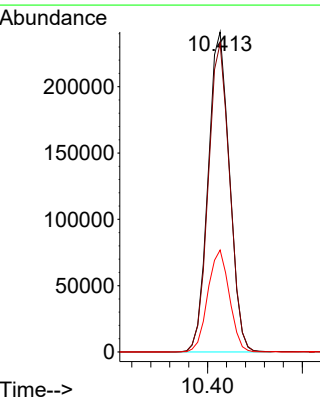
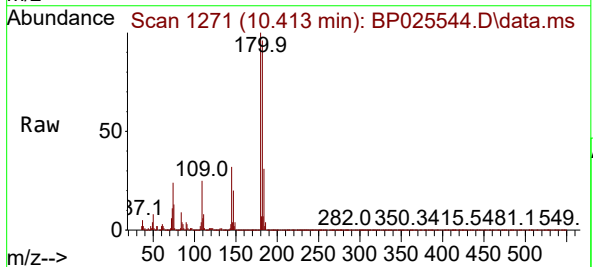
Tgt Ion:180 Resp: 377852

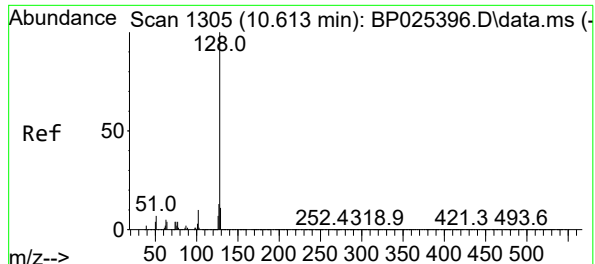
Ion Ratio Lower Upper

180 100

182 96.5 78.0 117.0

145 31.9 25.9 38.9





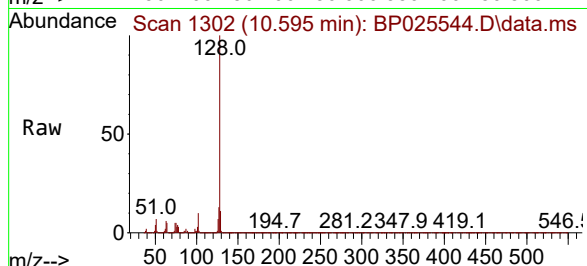
#31
Naphthalene
Concen: 38.712 ng
RT: 10.595 min Scan# 1190900
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

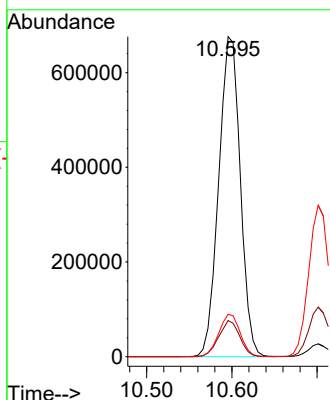
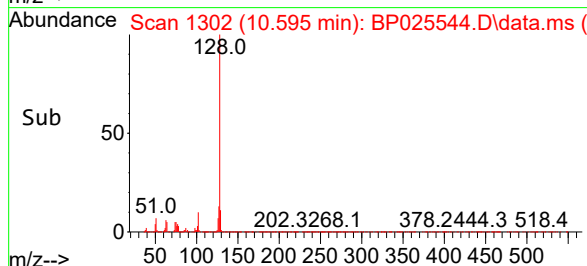
BNA_P

ClientSampleId :

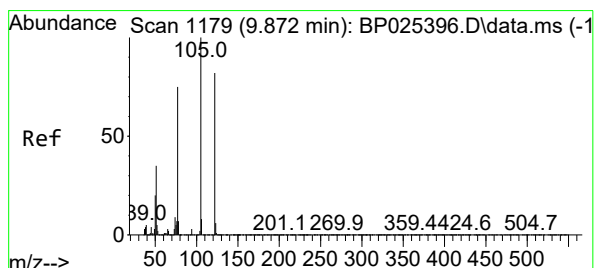
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Tgt Ion:128 Resp: 1190900
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.7 16.1

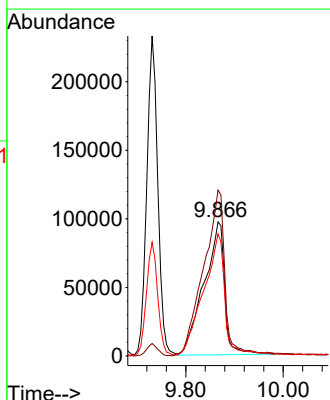
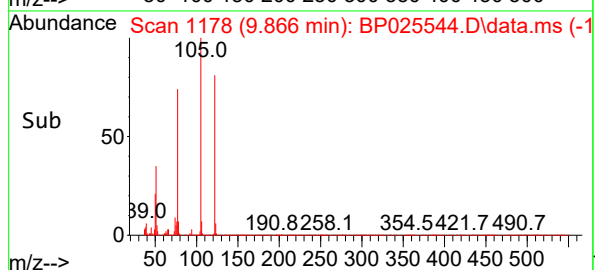
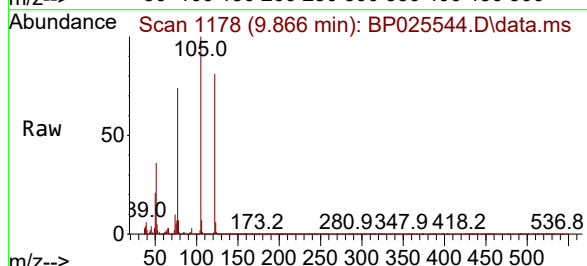
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Supervised By :Jagrut
Upadhyay

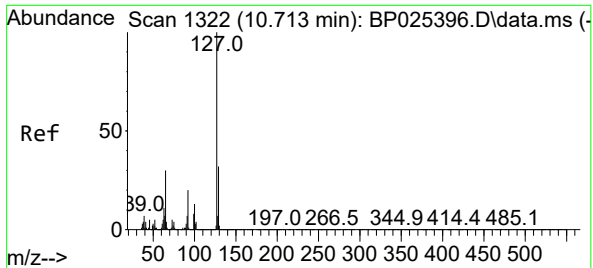
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#32
Benzoic acid
Concen: 42.238 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:122 Resp: 287794
Ion Ratio Lower Upper
122 100
105 123.6 100.6 140.6
77 91.1 71.5 111.5





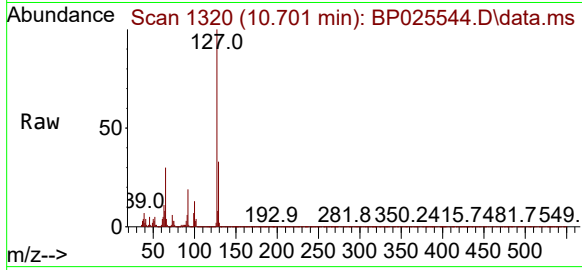
#33
4-Chloroaniline
Concen: 40.039 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

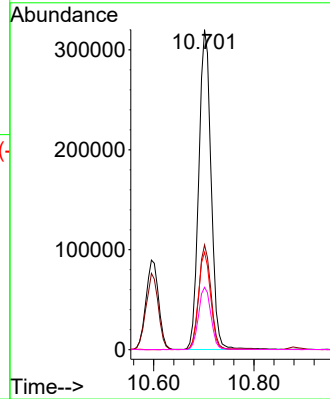
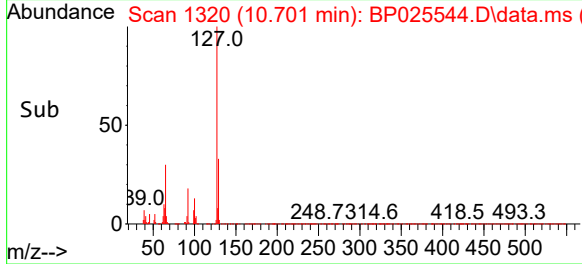
BNA_P

ClientSampleId :

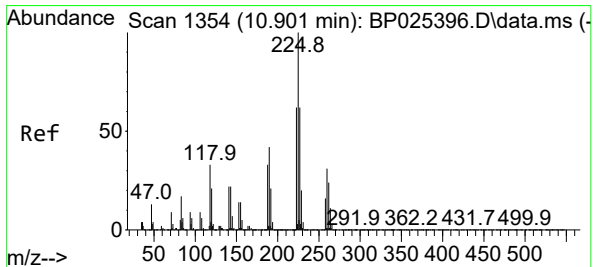
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Tgt Ion:127 Resp: 54408
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 30.5 23.8 35.6
92 19.5 15.8 23.8

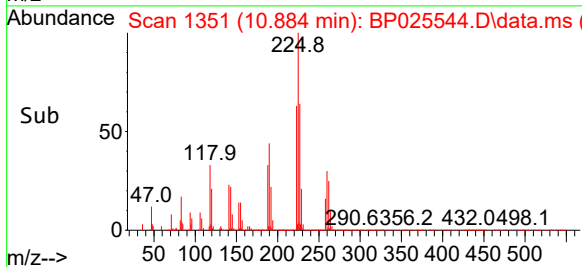
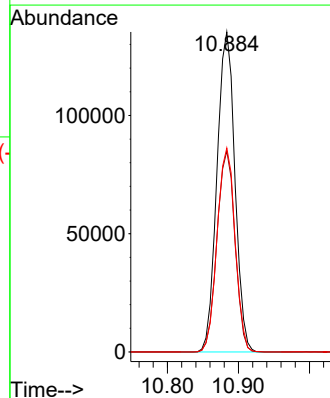
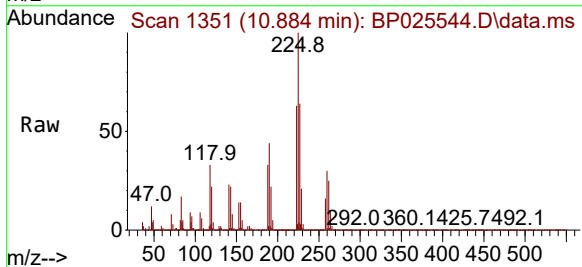
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APPROVEDReviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

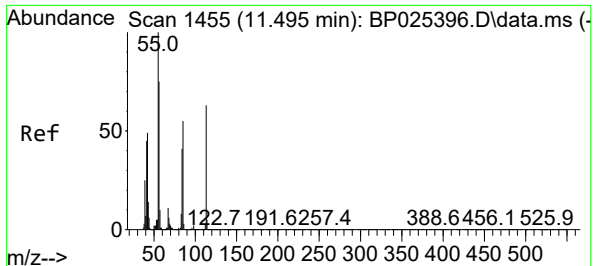
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#34
Hexachlorobutadiene
Concen: 37.756 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

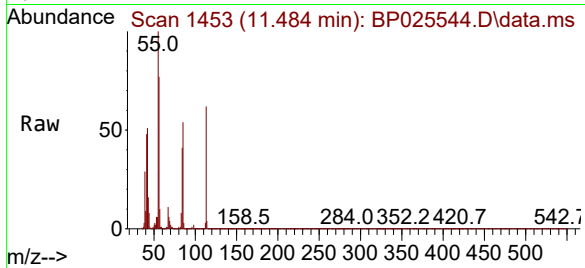
Tgt Ion:225 Resp: 236313
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 63.8 49.7 74.5





#35
Caprolactam
Concen: 43.562 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

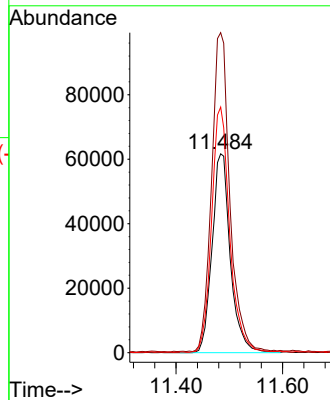
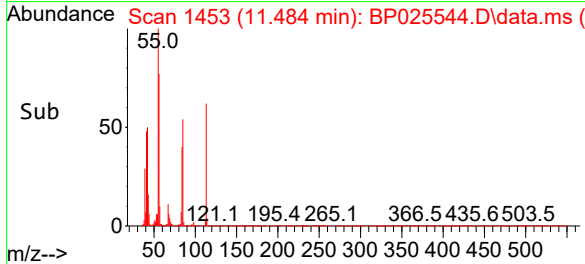
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:113 Resp: 146444
Ion Ratio Lower Upper
113 100
55 160.9 140.0 180.0
56 123.5 100.0 140.0

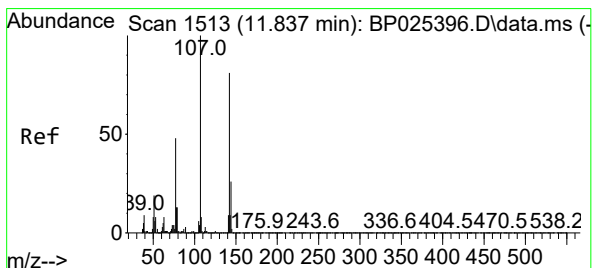
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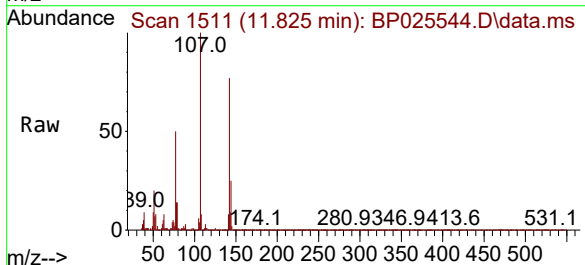


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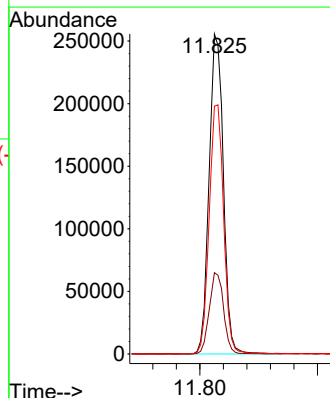
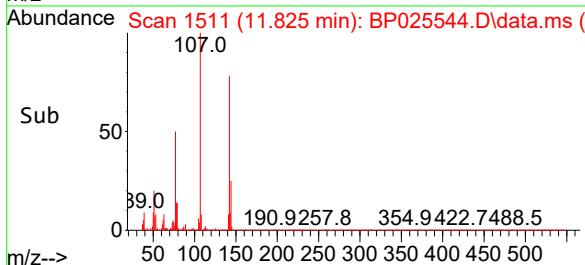
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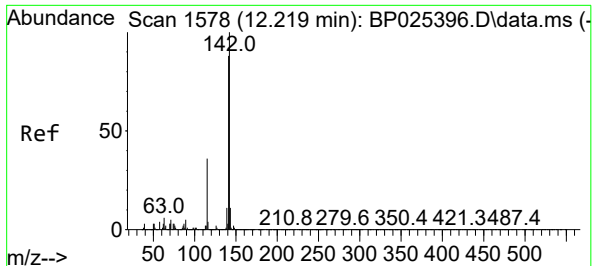


#36
4-Chloro-3-methylphenol
Concen: 40.964 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:107 Resp: 430943
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 77.5 64.6 97.0





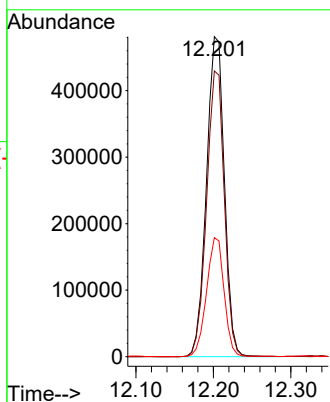
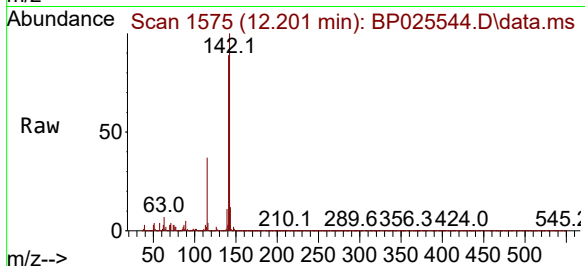
#37
2-Methylnaphthalene
Concen: 38.576 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 772294
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 37.2 28.9 43.3

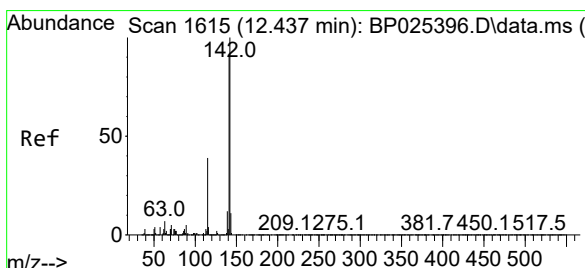
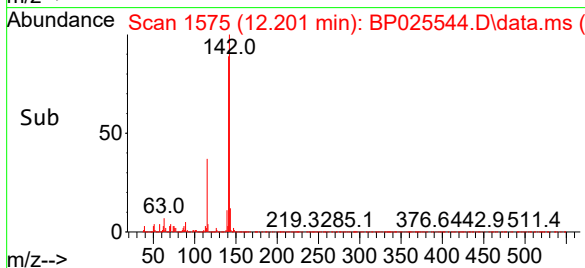
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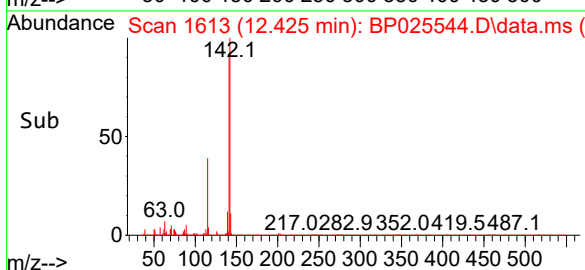
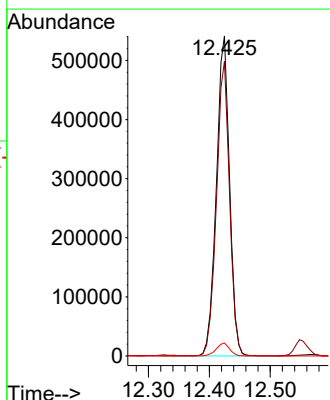
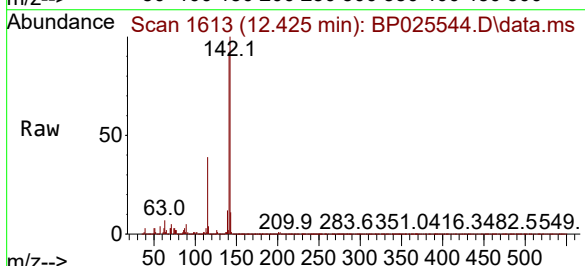
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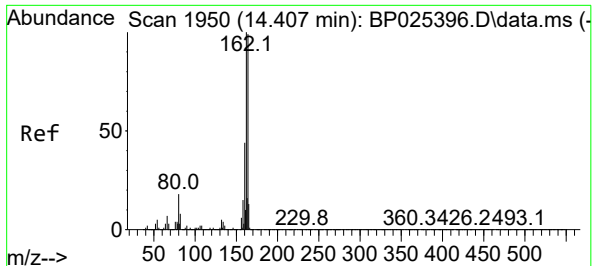
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#38
1-Methylnaphthalene
Concen: 38.255 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:142 Resp: 814475
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 4.0 3.2 4.8





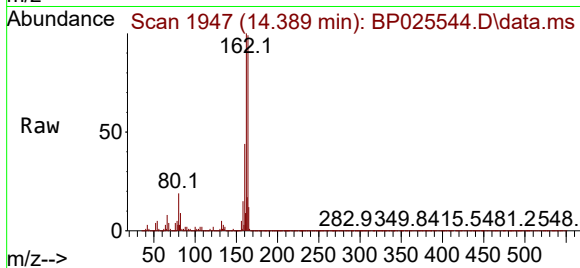
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

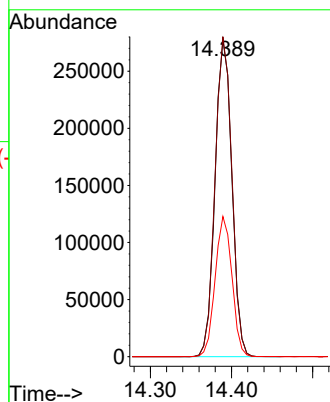
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Tgt Ion:164 Resp: 400784
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.6
160 44.3 35.4 53.2

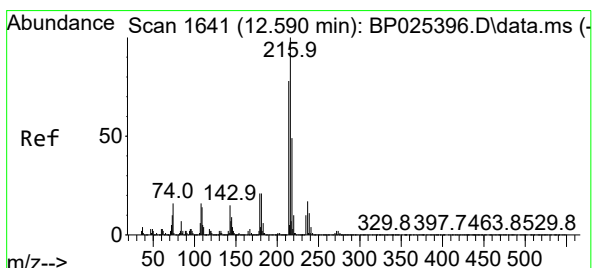
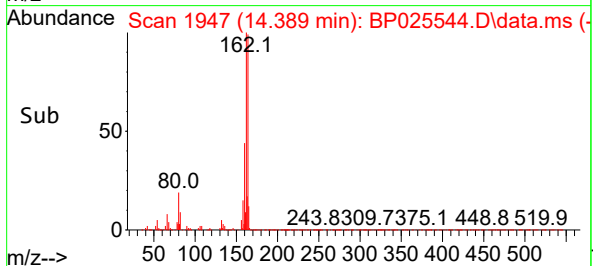
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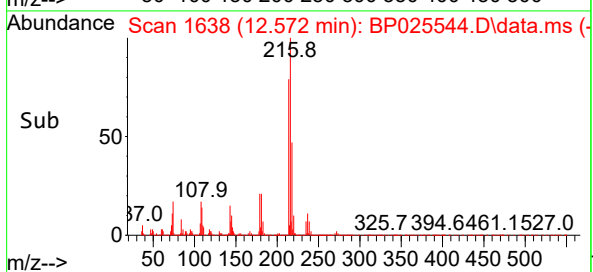
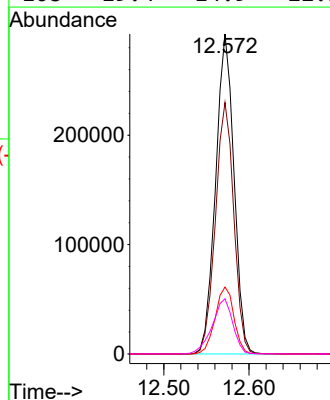
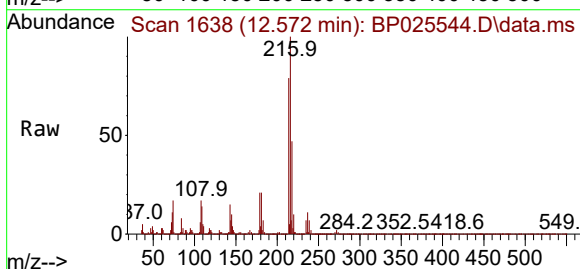
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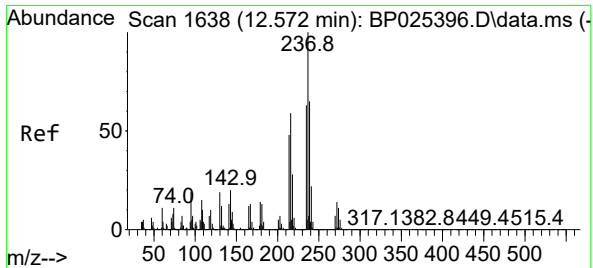
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

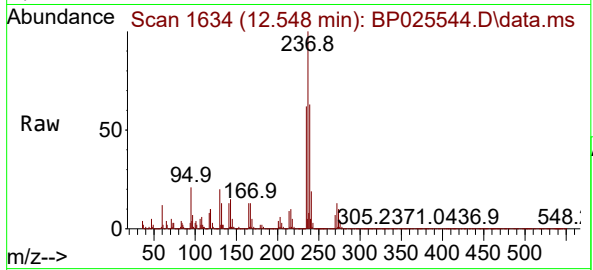
Tgt Ion:216 Resp: 438884
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.4 17.1 25.7
108 19.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 45.555 ng
RT: 12.548 min Scan# 1638
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

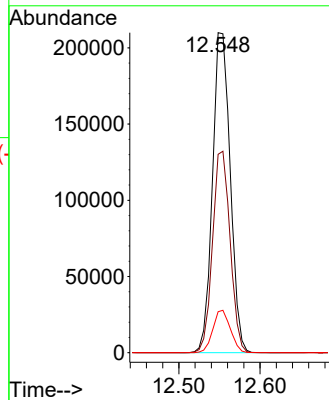
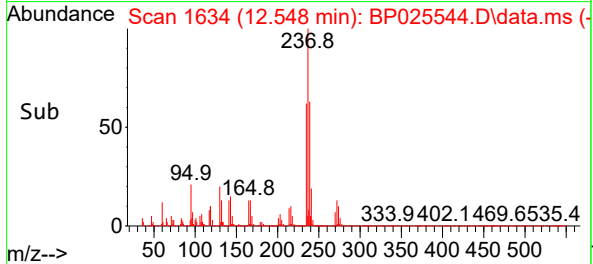
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 31851
Ion Ratio Lower Upper
237 100
235 62.0 42.7 82.7
272 12.8 0.0 34.0

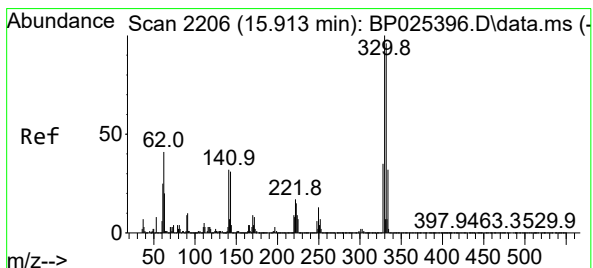
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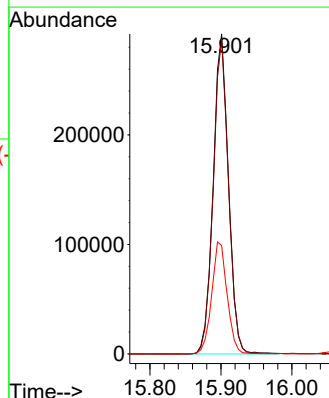
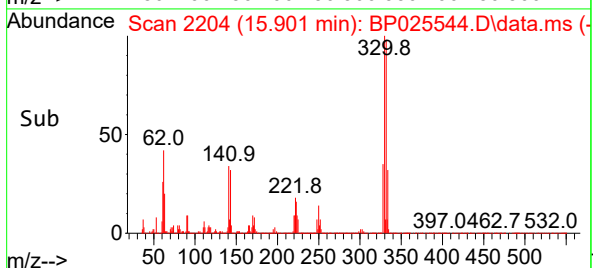
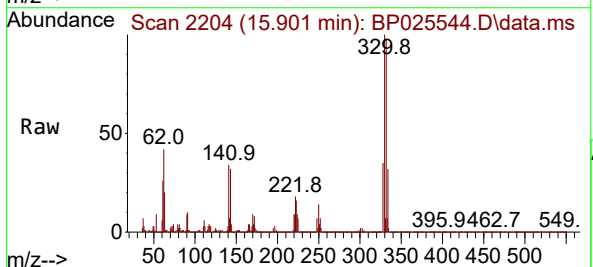
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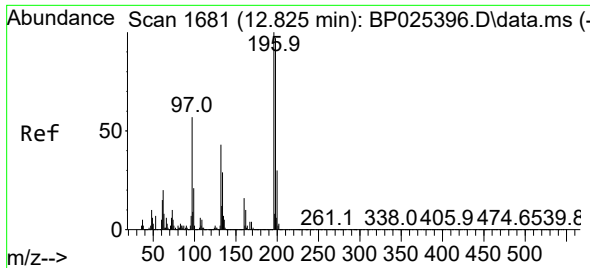
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#42
2,4,6-Tribromophenol
Concen: 81.081 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

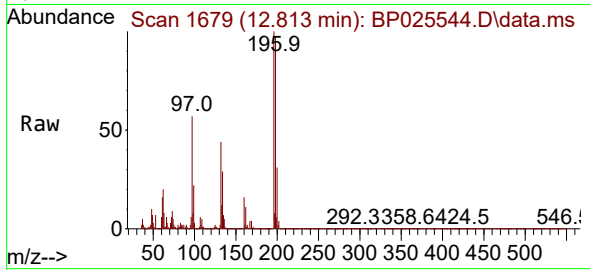
Tgt Ion: 330 Resp: 437400
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.3 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 39.701 ng
RT: 12.813 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

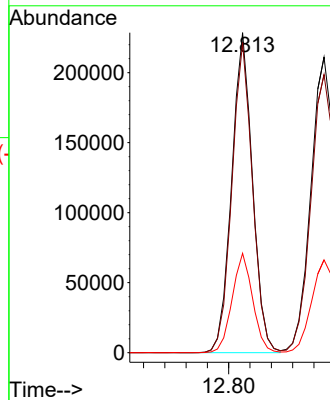
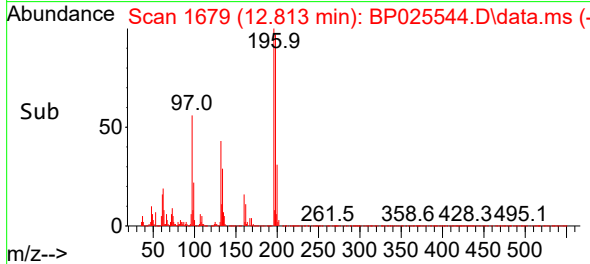
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 31024
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
200 31.1 23.9 35.9

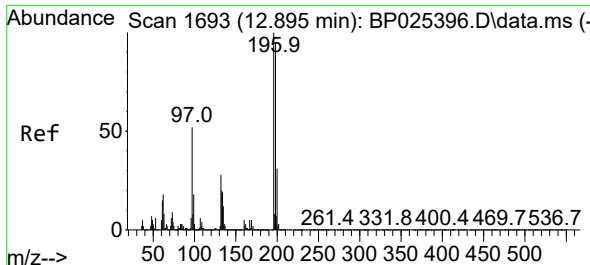
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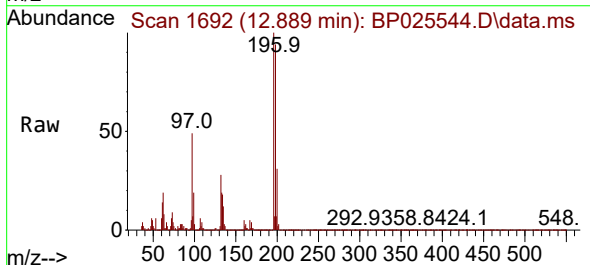


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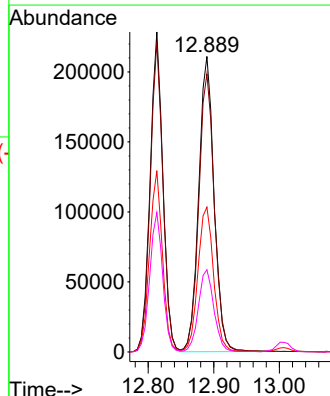
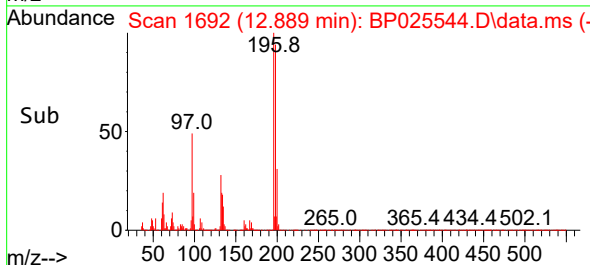
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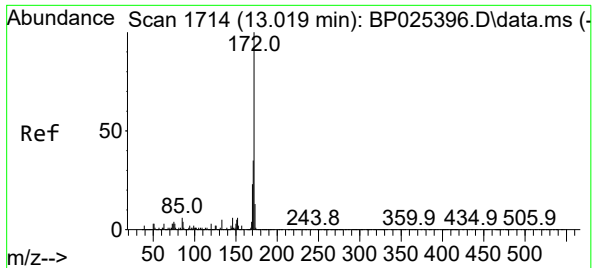


#44
2,4,5-Trichlorophenol
Concen: 40.266 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:196 Resp: 344858
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.2
97 49.0 41.2 61.8
132 27.8 22.6 34.0





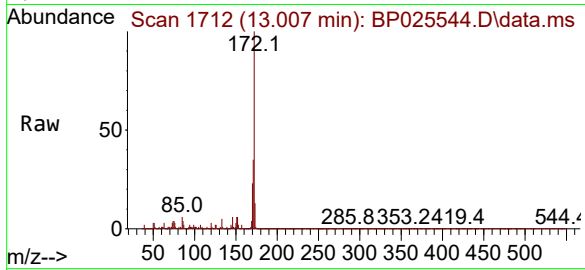
#45
2-Fluorobiphenyl
Concen: 74.582 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

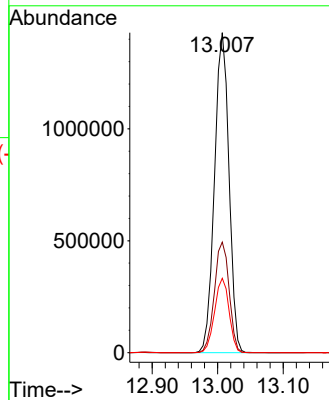
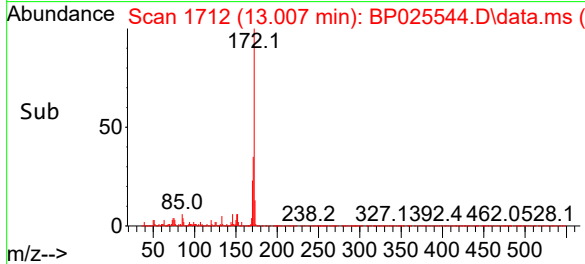
BNA_P

ClientSampleId :

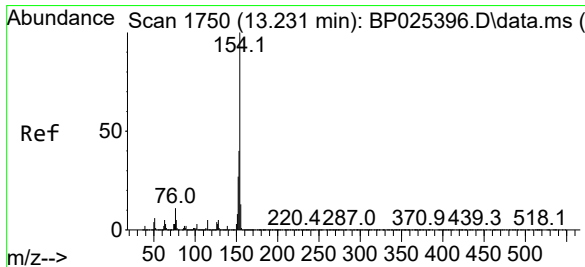
SSTDCCC040



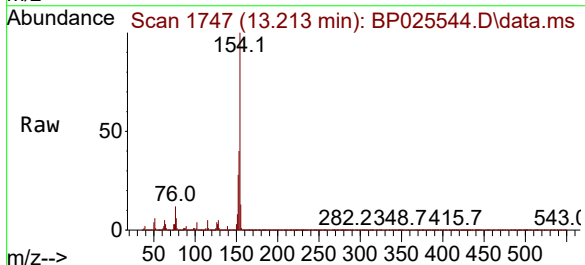
Tgt Ion:172 Resp: 218713
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.2 18.6 28.0

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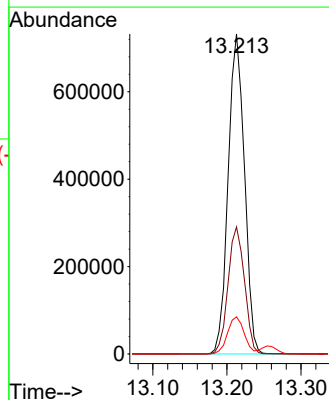
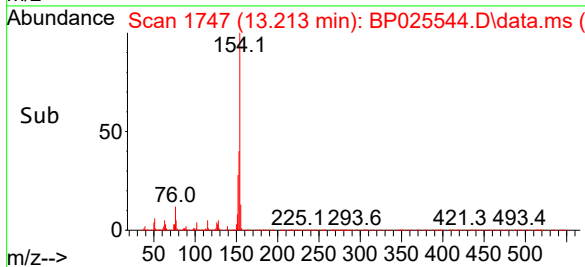
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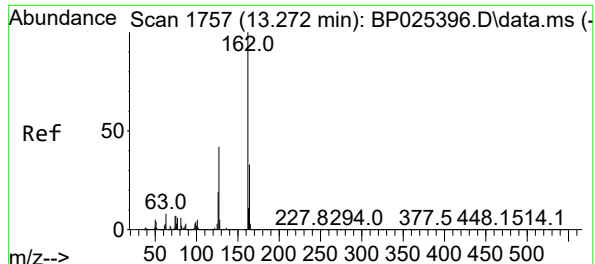


#46
1,1'-Biphenyl
Concen: 38.335 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:154 Resp: 1115829
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.216 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 86595

Ion Ratio Lower Upper

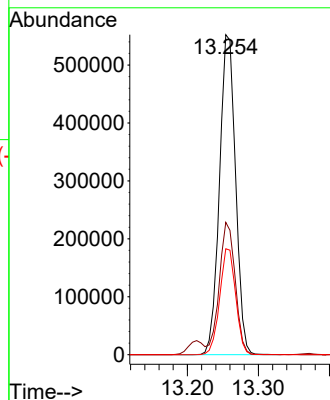
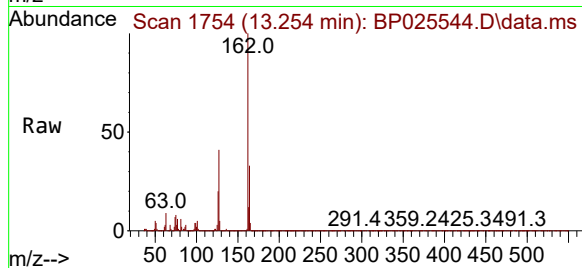
162 100

127 41.4 33.4 50.2

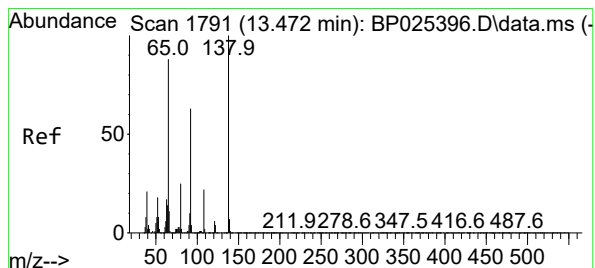
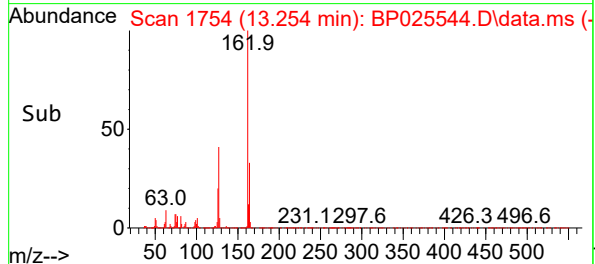
164 33.1 26.2 39.2

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#48

2-Nitroaniline

Concen: 42.664 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

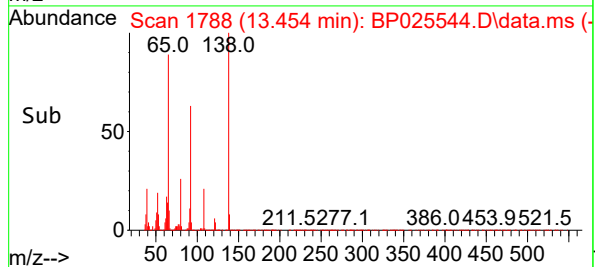
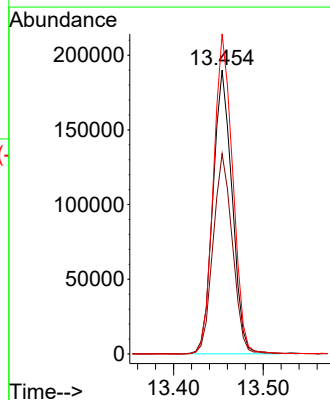
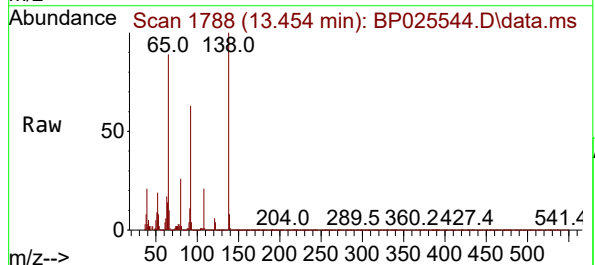
Tgt Ion: 65 Resp: 281688

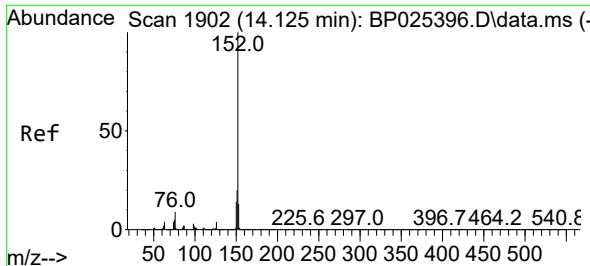
Ion Ratio Lower Upper

65 100

92 70.6 57.6 86.4

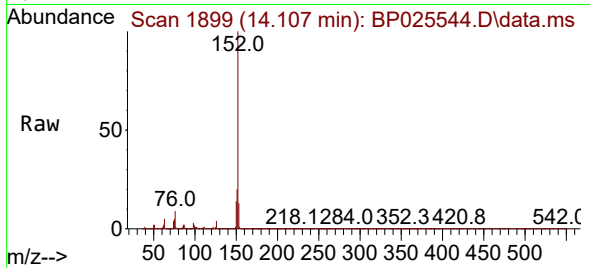
138 112.7 91.0 136.6





#49
Acenaphthylene
Concen: 39.203 ng
RT: 14.107 min Scan# 1899
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

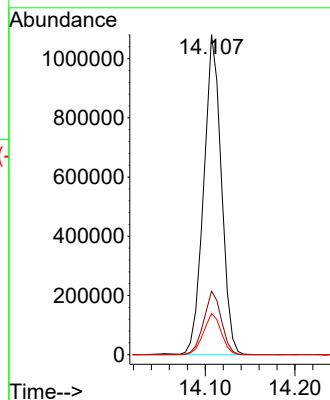
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 1469952
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.9 10.6 15.8

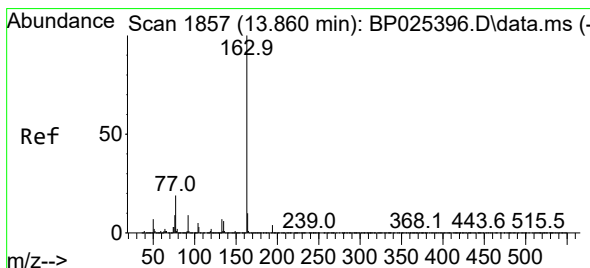
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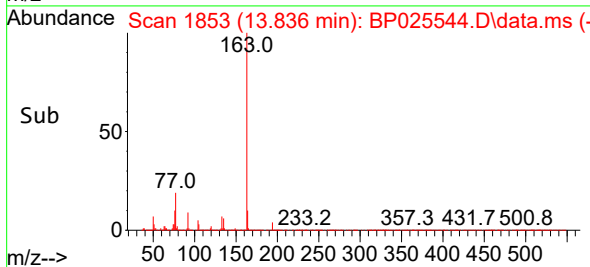
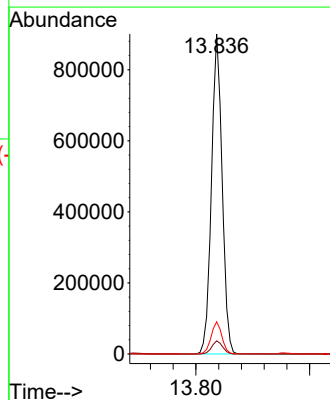
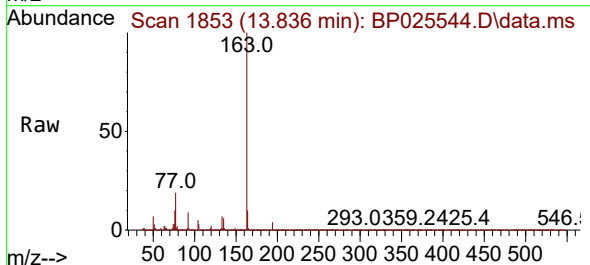
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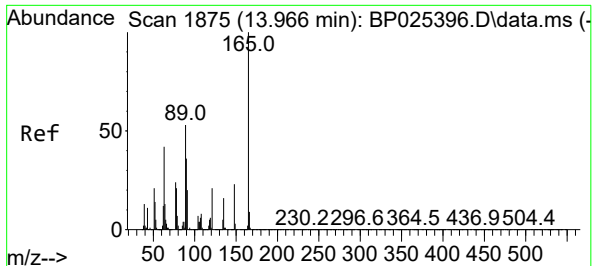
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#50
Dimethylphthalate
Concen: 39.739 ng
RT: 13.836 min Scan# 1853
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

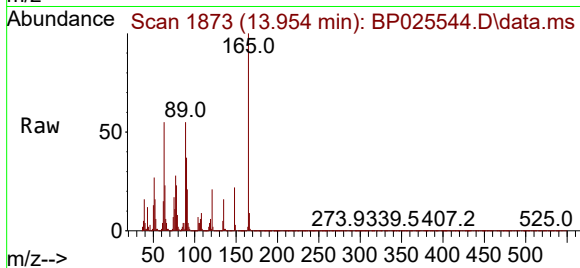
Tgt Ion:163 Resp: 1166302
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.932 ng
RT: 13.954 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

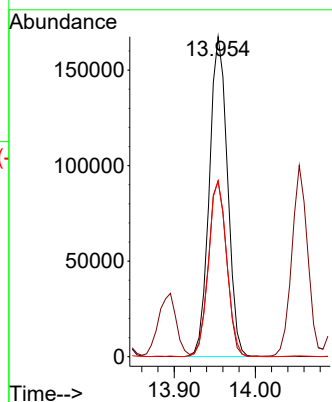
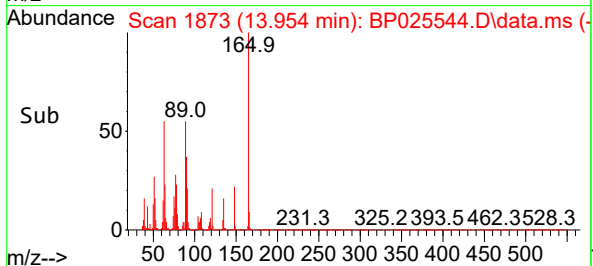
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 25938
Ion Ratio Lower Upper
165 100
63 54.9 40.9 61.3
89 54.9 42.1 63.1

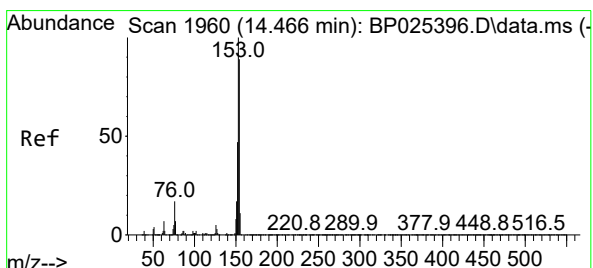
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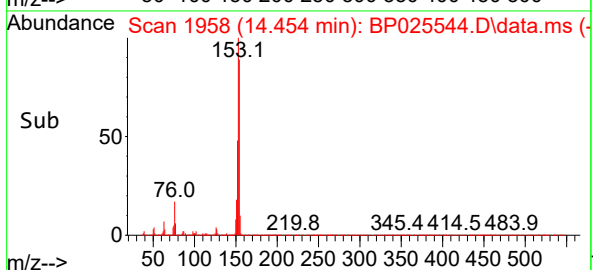
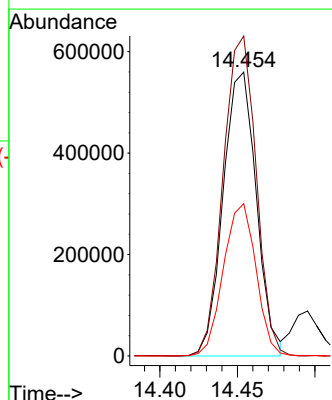
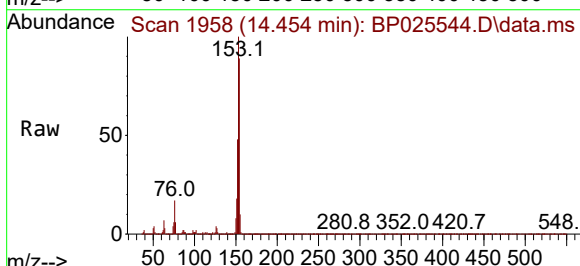
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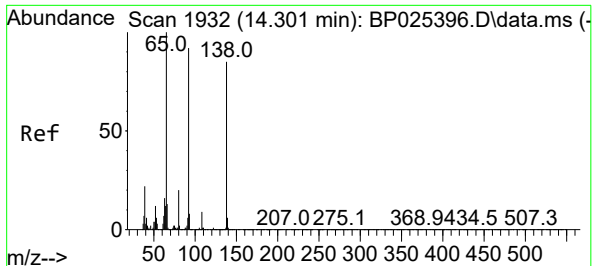
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#52
Acenaphthene
Concen: 37.949 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

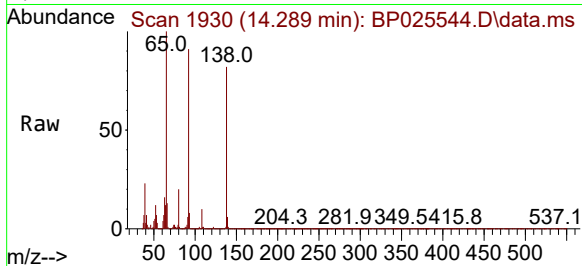
Tgt Ion:154 Resp: 835227
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.2
152 53.6 42.1 63.1





#53
3-Nitroaniline
Concen: 42.560 ng
RT: 14.289 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

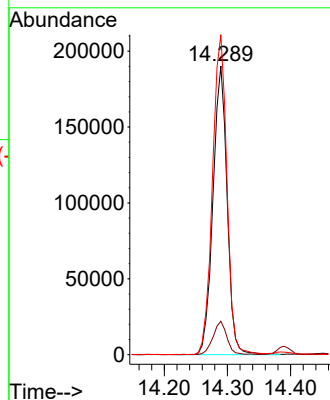
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 296205
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 110.9 86.2 129.2

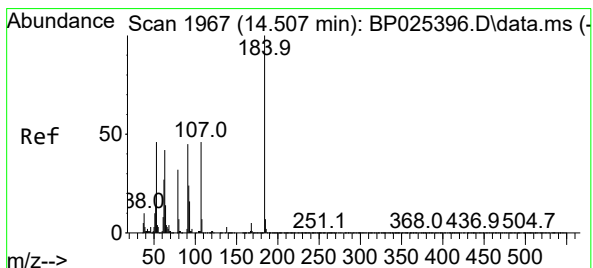
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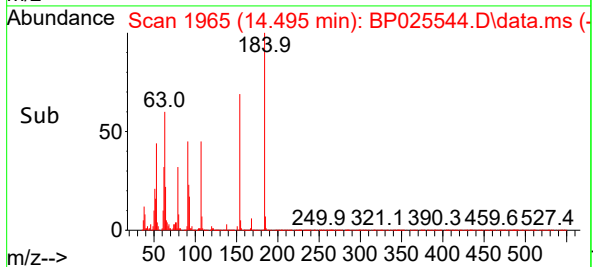
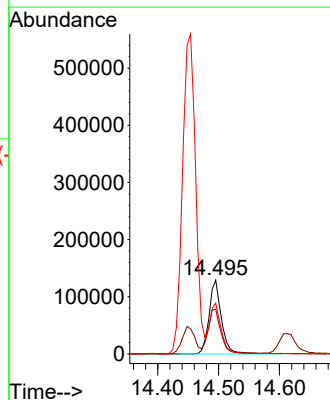
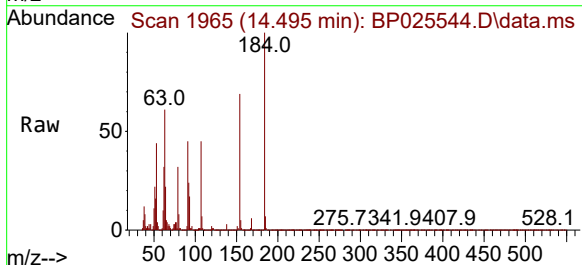
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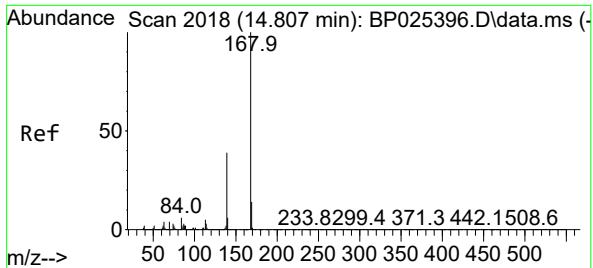
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#54
2,4-Dinitrophenol
Concen: 55.404 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:184 Resp: 183023
Ion Ratio Lower Upper
184 100
63 60.6 49.4 74.2
154 68.7 54.6 82.0





#55

Dibenzenofuran

Concen: 38.443 ng

RT: 14.795 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 1337680

Ion Ratio Lower Upper

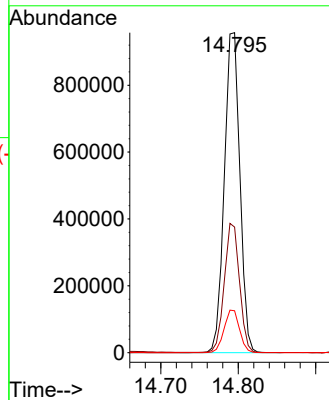
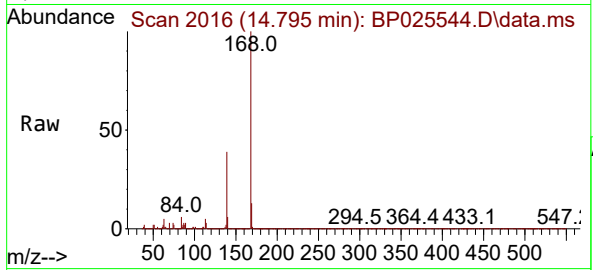
168 100

139 39.3 31.5 47.3

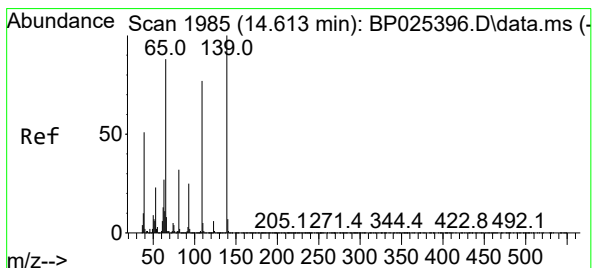
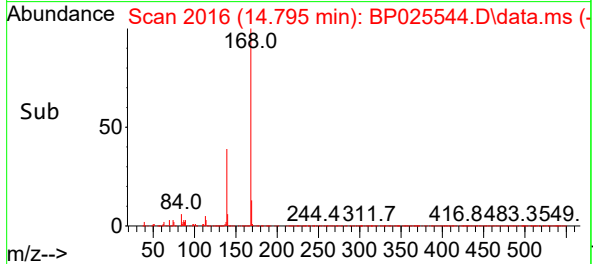
169 13.1 10.9 16.3

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#56

4-Nitrophenol

Concen: 43.566 ng

RT: 14.613 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

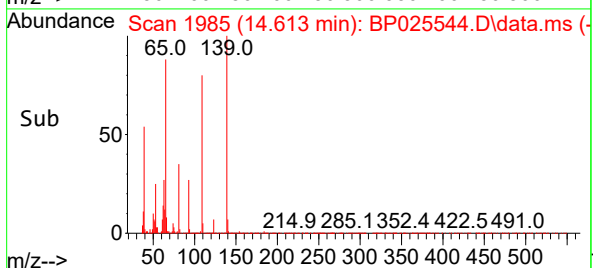
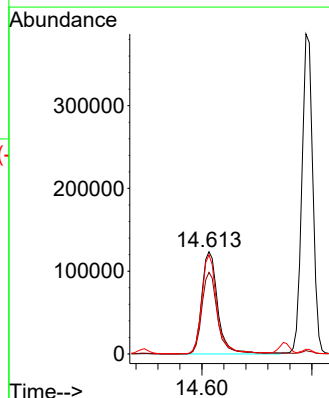
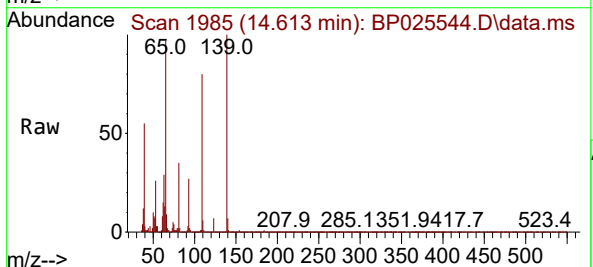
Tgt Ion:139 Resp: 249157

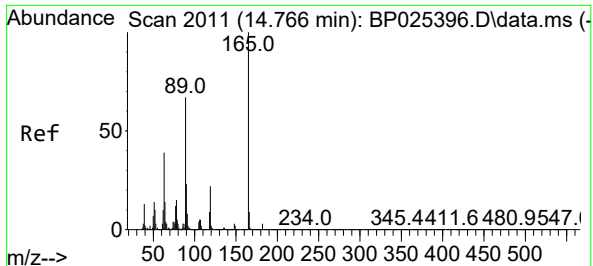
Ion Ratio Lower Upper

139 100

109 79.8 56.6 96.6

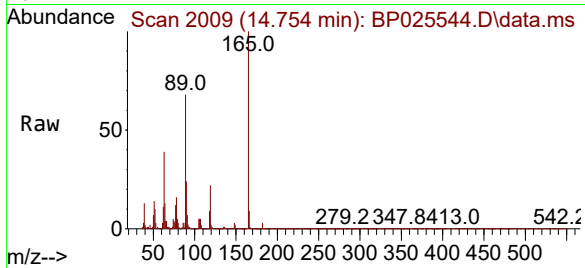
65 96.8 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 42.783 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

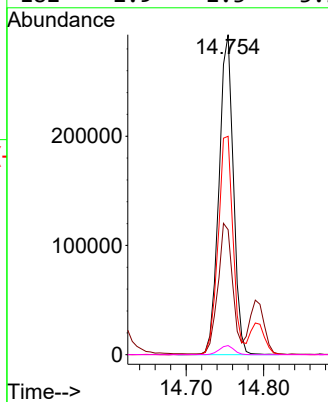
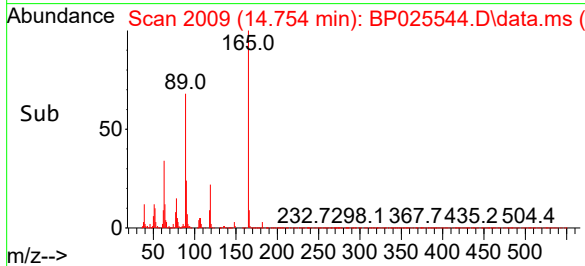
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 377588
Ion Ratio Lower Upper
165 100
63 39.1 31.4 47.2
89 68.2 53.3 79.9
182 2.9 2.3 3.5

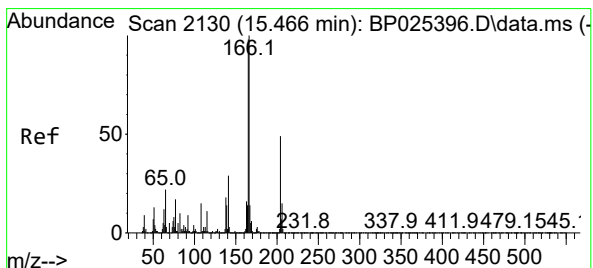
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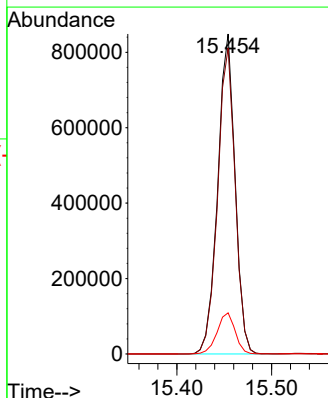
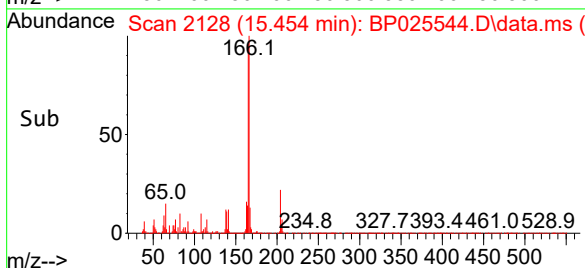
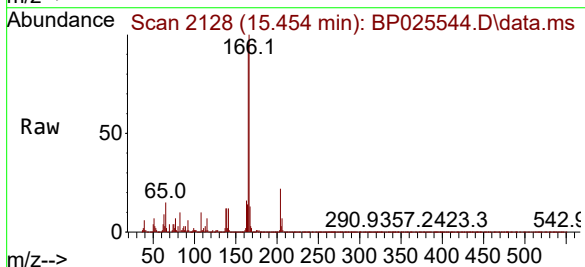
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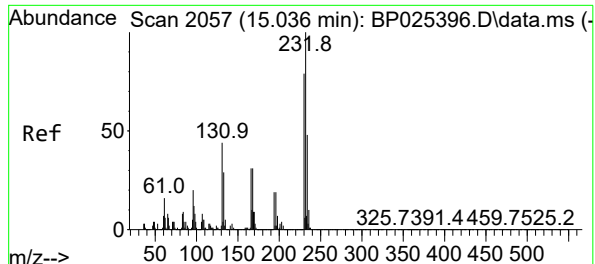
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#58
Fluorene
Concen: 39.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:166 Resp: 1082057
Ion Ratio Lower Upper
166 100
165 95.7 78.8 118.2
167 12.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.427 ng

RT: 15.031 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 305718

Ion Ratio Lower Upper

232 100

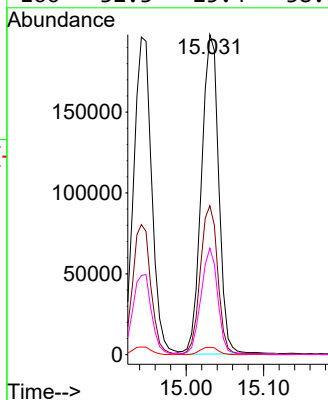
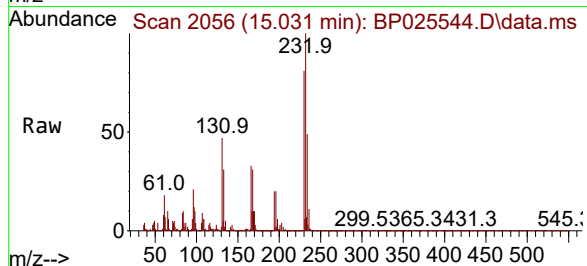
131 47.1 37.0 55.6

130 2.4 1.9 2.9

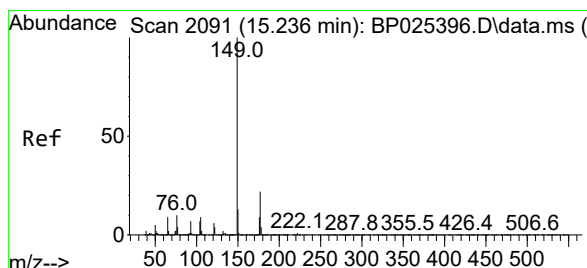
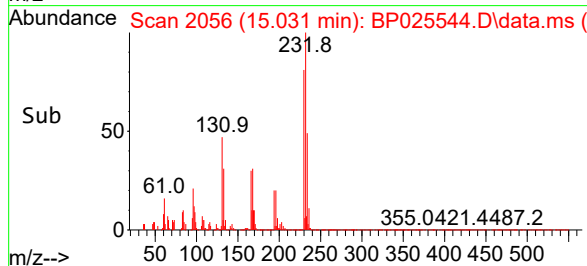
166 32.3 25.4 38.0

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#60

Diethylphthalate

Concen: 40.853 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

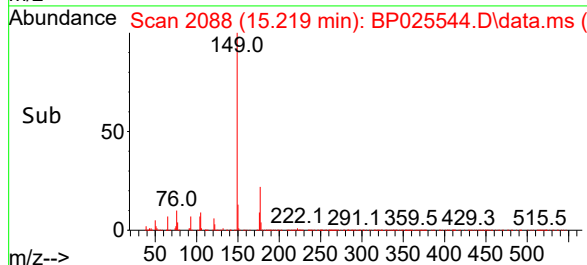
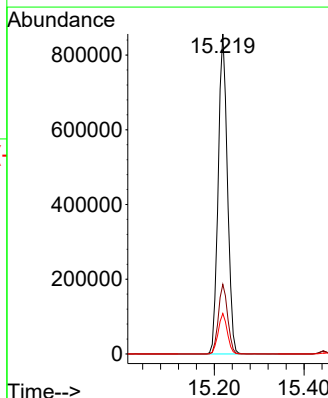
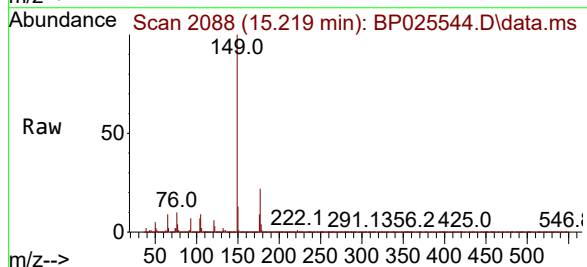
Tgt Ion:149 Resp: 1218314

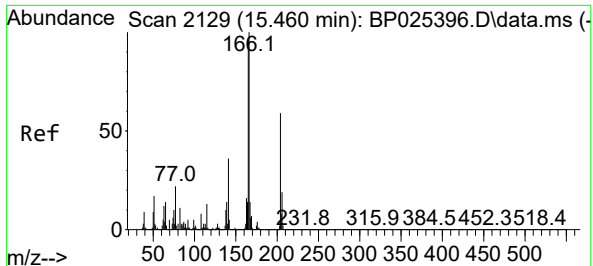
Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

150 12.7 10.3 15.5





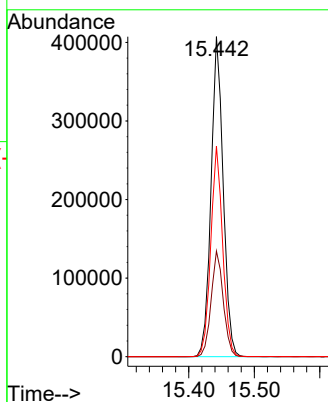
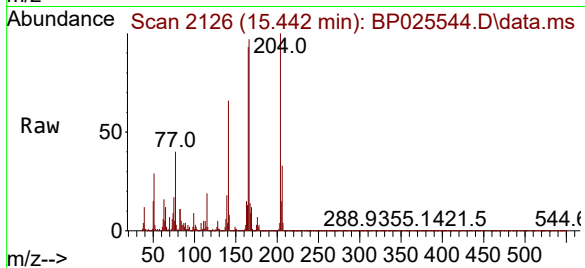
#61
4-Chlorophenyl-phenylether
Concen: 38.356 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 52376
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 65.8 49.4 74.2

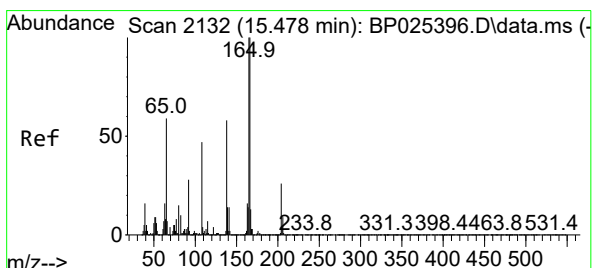
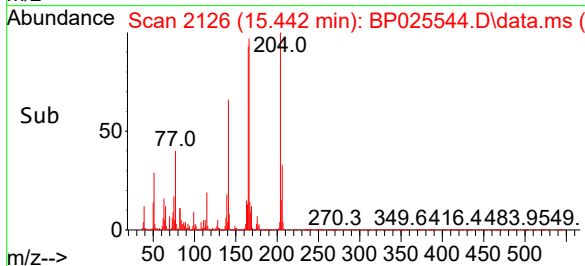
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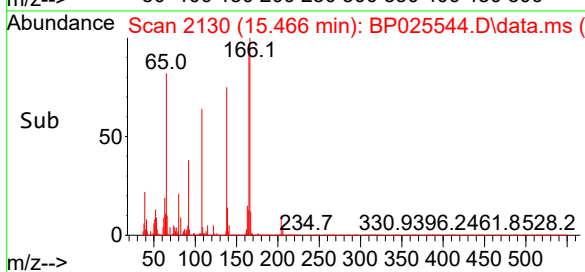
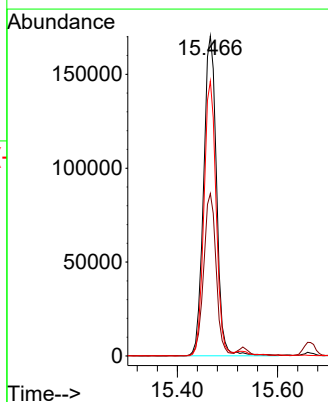
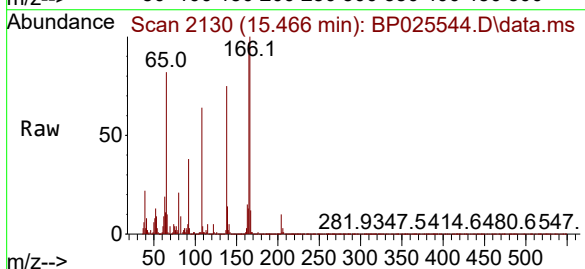
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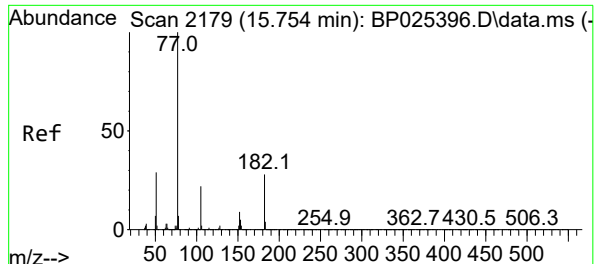
08/25/2025



#62
4-Nitroaniline
Concen: 42.887 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

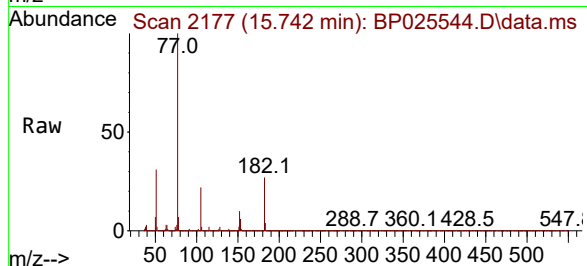
Tgt Ion:138 Resp: 305995
Ion Ratio Lower Upper
138 100
92 50.7 29.1 69.1
108 85.9 61.5 101.5





#63
Azobenzene
Concen: 41.564 ng
RT: 15.742 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

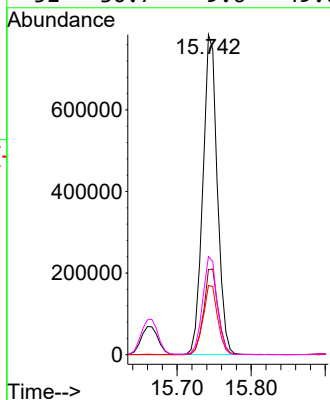
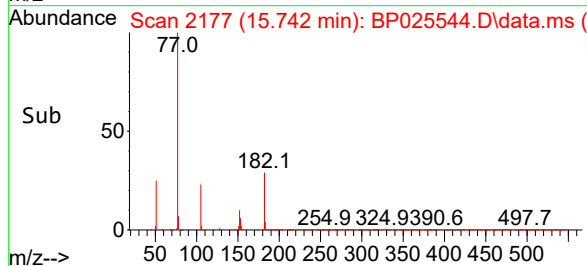
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 106133
Ion Ratio Lower Upper
77 100
182 26.6 7.5 47.5
105 21.6 2.1 42.1
51 30.7 9.6 49.6

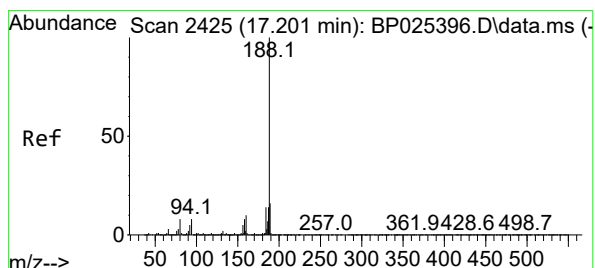
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Chavli

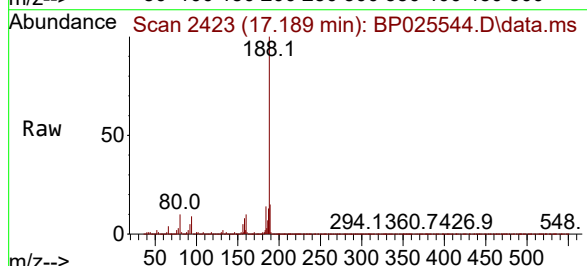


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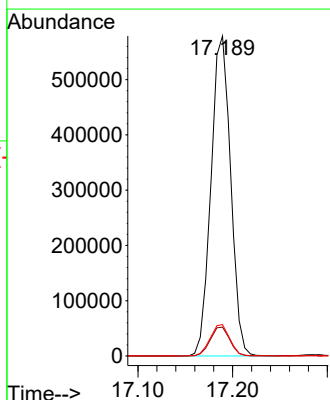
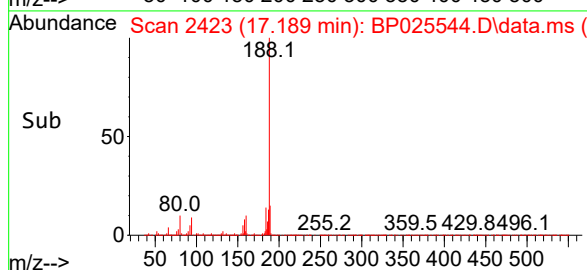
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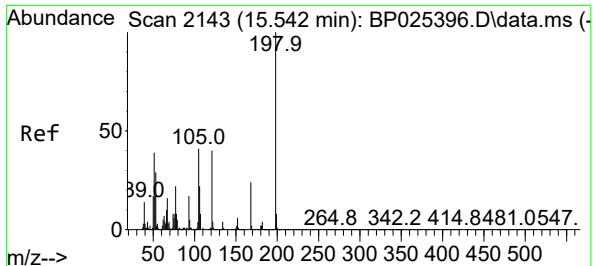


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:188 Resp: 833863
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.8 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.762 ng

RT: 15.531 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 243061

Ion Ratio Lower Upper

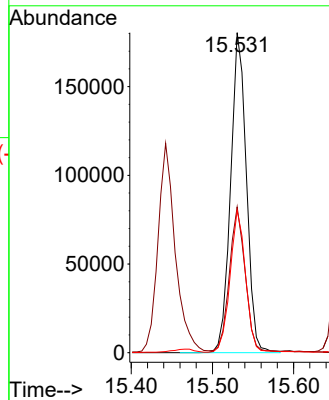
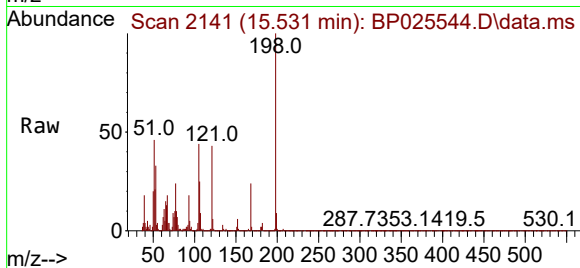
198 100

51 45.5 19.6 59.6

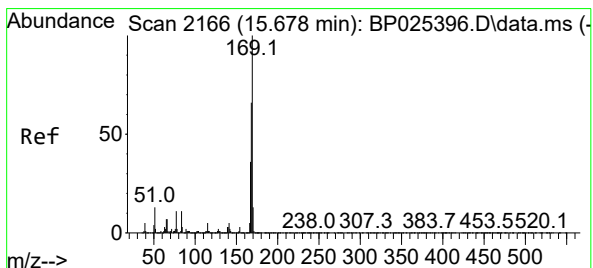
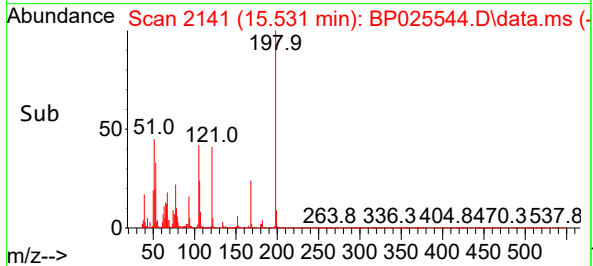
105 44.5 20.9 60.9

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#66

n-Nitrosodiphenylamine

Concen: 38.676 ng

RT: 15.666 min Scan# 2164

Delta R.T. -0.012 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

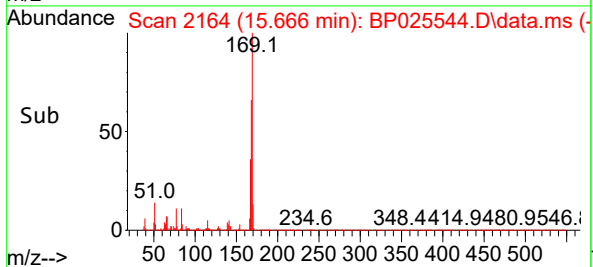
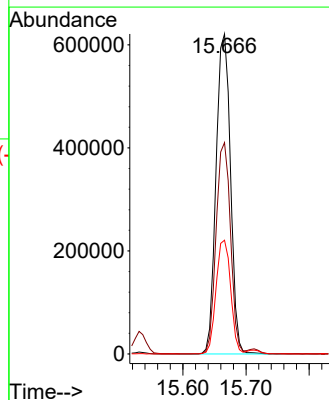
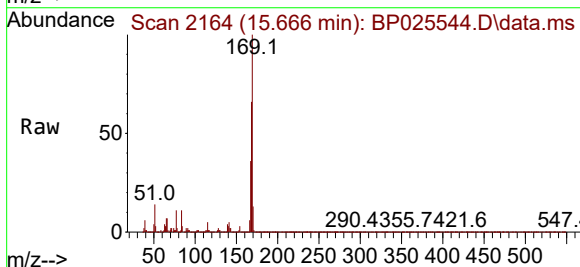
Tgt Ion:169 Resp: 983453

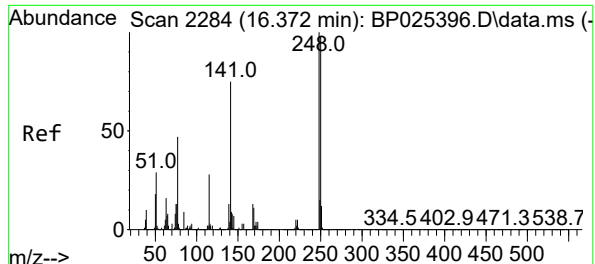
Ion Ratio Lower Upper

169 100

168 66.0 53.2 79.8

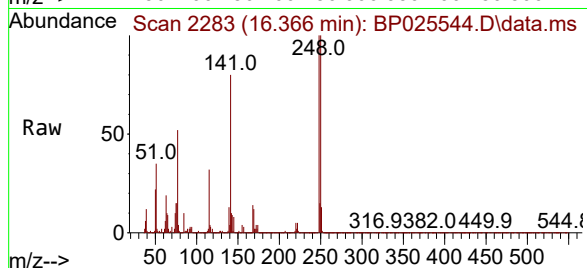
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.093 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

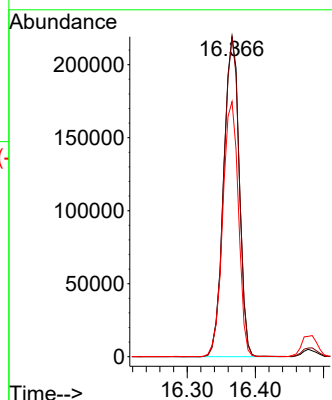
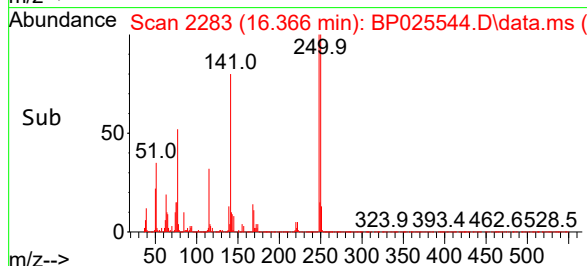
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 34935
Ion Ratio Lower Upper
248 100
250 99.7 78.2 117.2
141 79.7 59.6 89.4

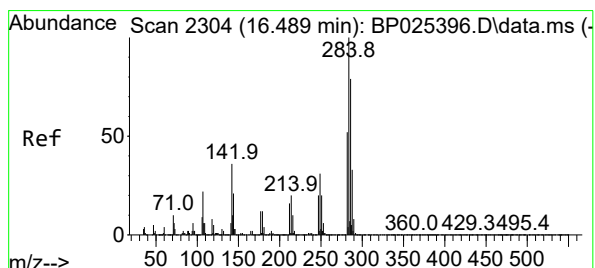
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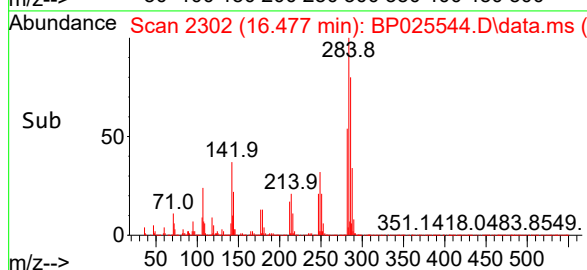
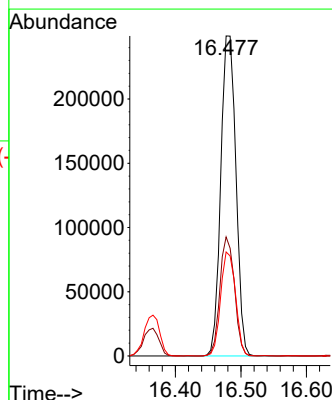
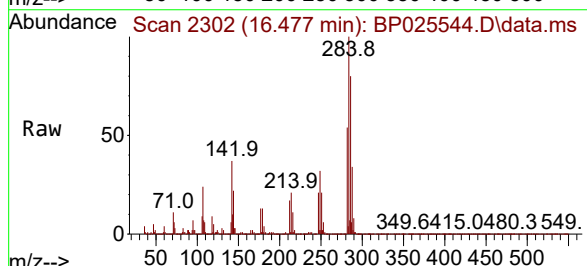
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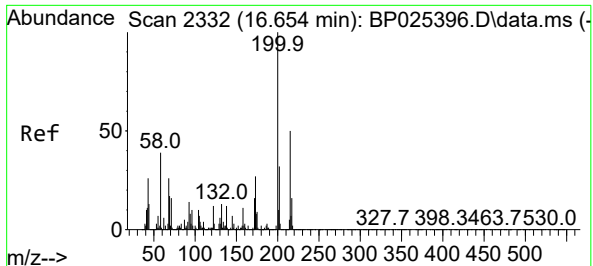
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#68
Hexachlorobenzene
Concen: 37.412 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

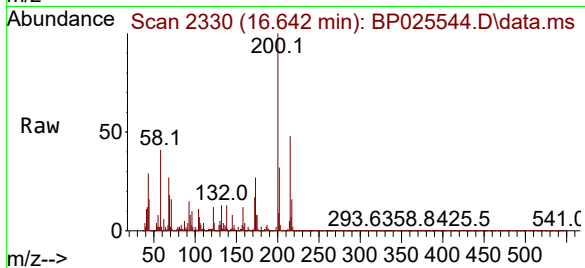
Tgt Ion:284 Resp: 397731
Ion Ratio Lower Upper
284 100
142 37.2 29.1 43.7
249 32.5 25.0 37.4





#69
Atrazine
Concen: 40.001 ng
RT: 16.642 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

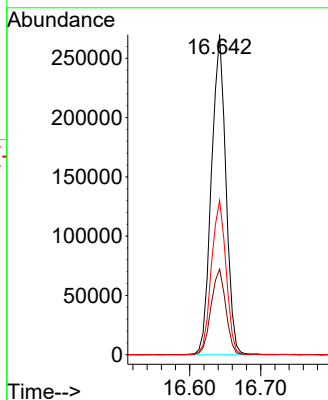
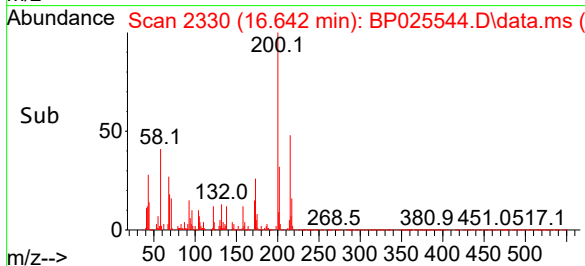
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:200 Resp: 38091
Ion Ratio Lower Upper
200 100
173 26.8 6.7 46.7
215 48.2 29.7 69.7

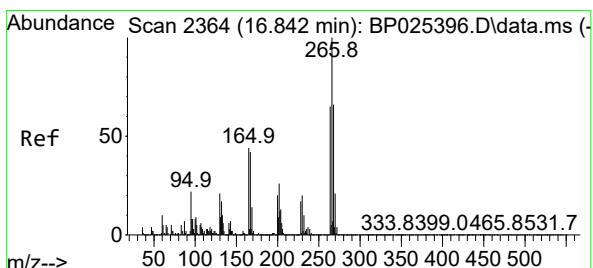
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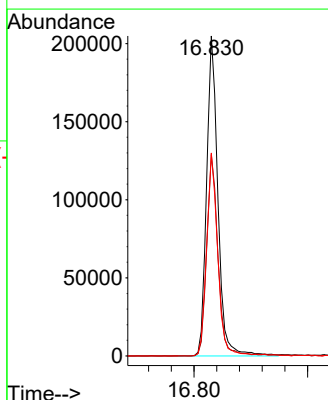
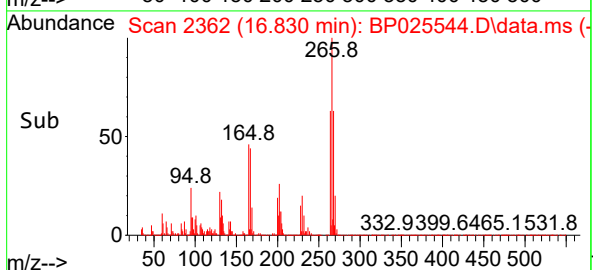
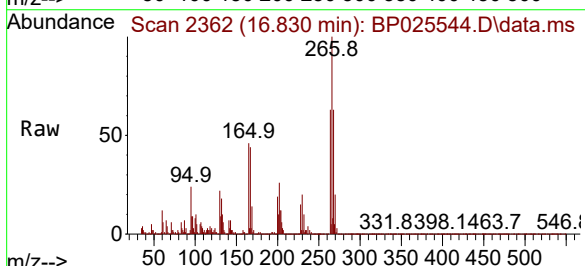
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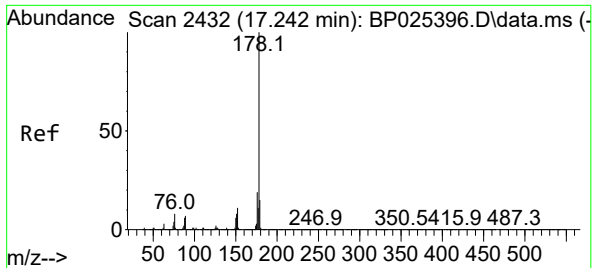
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#70
Pentachlorophenol
Concen: 41.994 ng
RT: 16.830 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

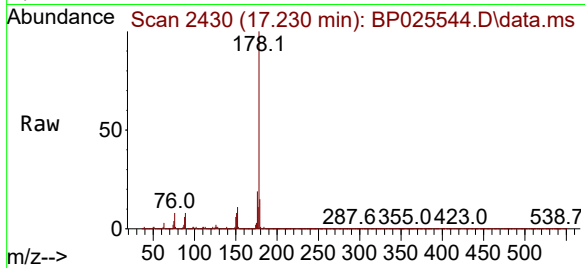
Tgt Ion:266 Resp: 281816
Ion Ratio Lower Upper
266 100
268 62.9 52.6 79.0
264 63.4 52.0 78.0





#71
Phenanthrene
Concen: 38.537 ng
RT: 17.230 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

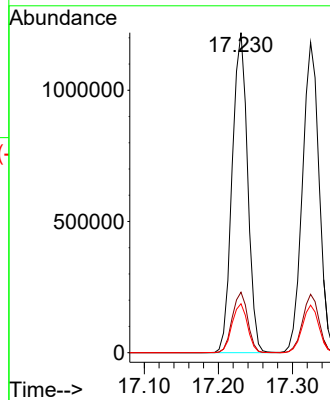
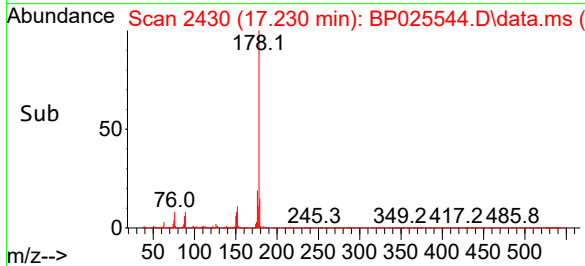
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1765274
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.3 12.2 18.4

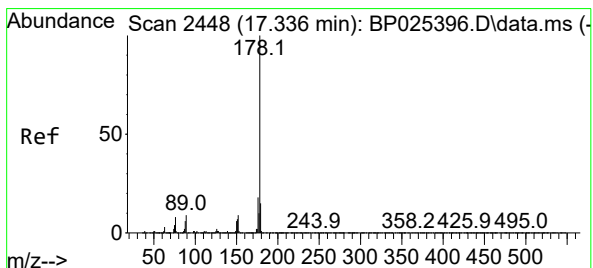
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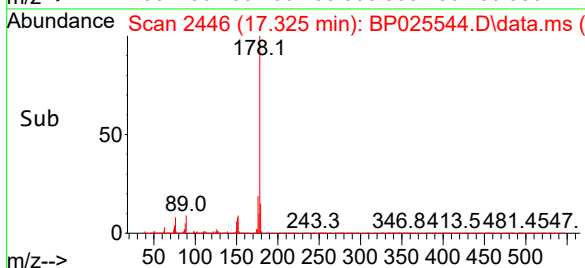
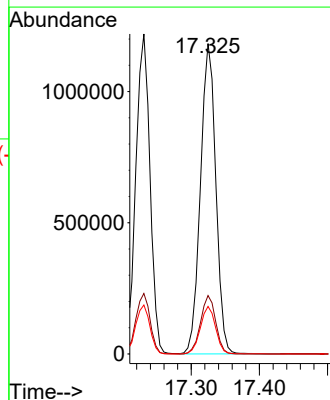
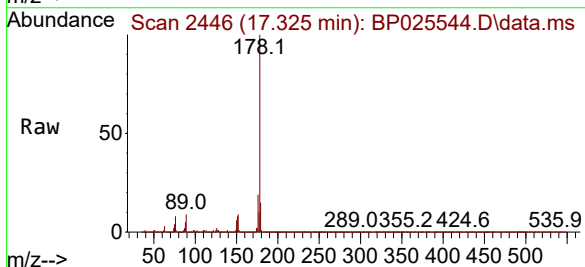
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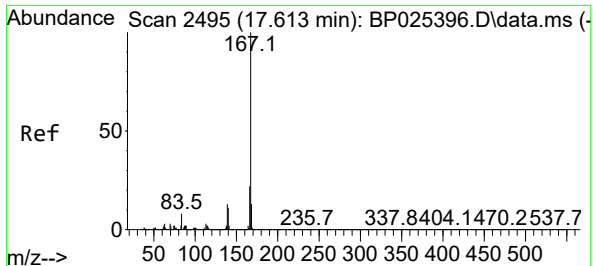
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#72
Anthracene
Concen: 39.676 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:178 Resp: 1855981
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.3 12.2 18.2





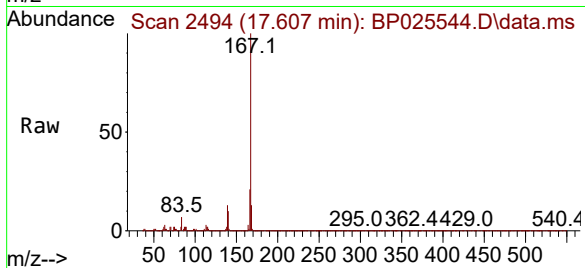
#73
 Carbazole
 Concen: 40.278 ng
 RT: 17.607 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP025544.D
 Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

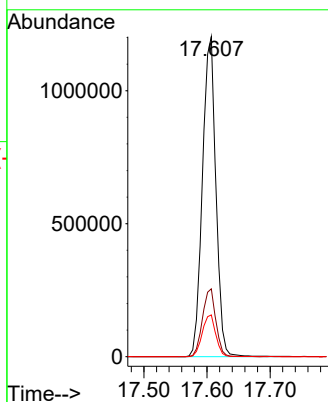


Tgt Ion:167 Resp: 177469

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.1	10.6	16.0

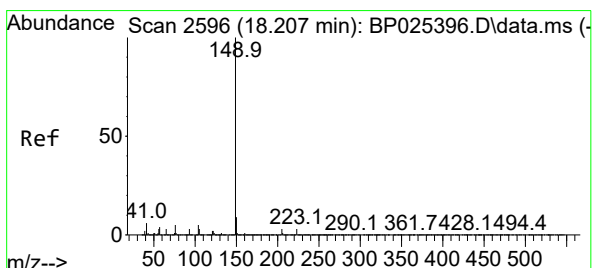
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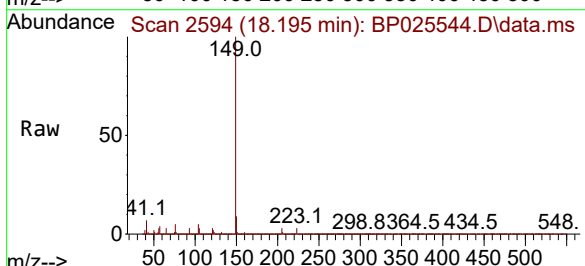


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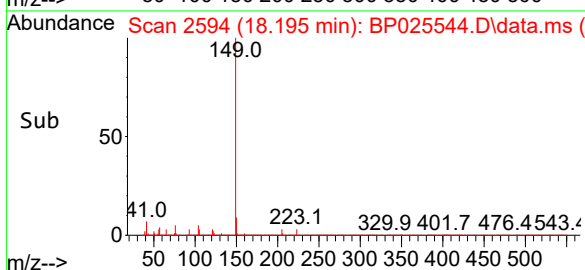
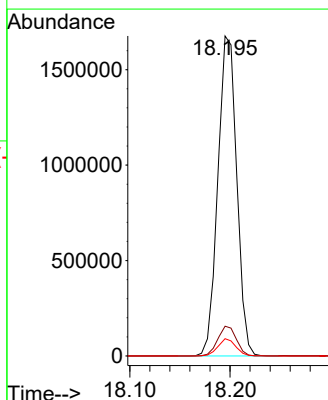


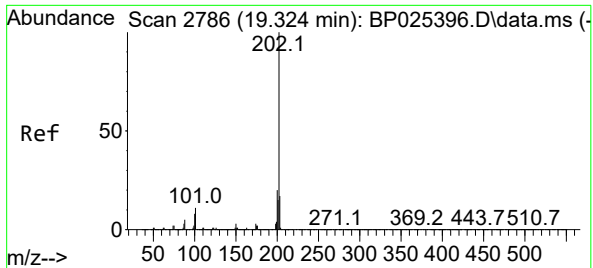
#74
 Di-n-butylphthalate
 Concen: 40.423 ng
 RT: 18.195 min Scan# 2594
 Delta R.T. -0.012 min
 Lab File: BP025544.D
 Acq: 22 Aug 2025 10:49



Tgt Ion:149 Resp: 2191310

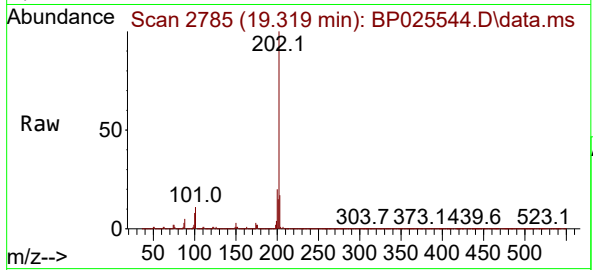
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.2	6.2





#75
Fluoranthene
Concen: 39.558 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

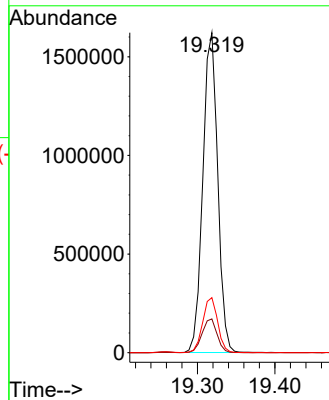
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 2161458
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.2 0.0 37.3

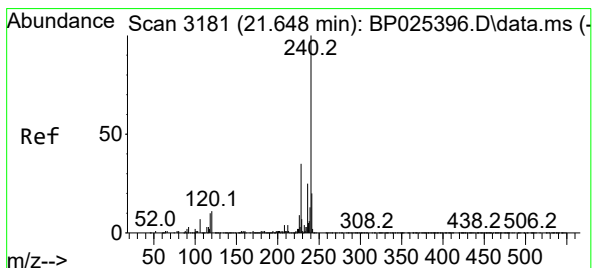
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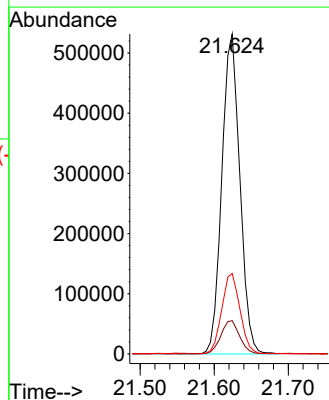
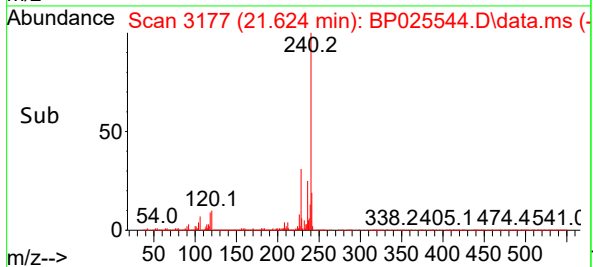
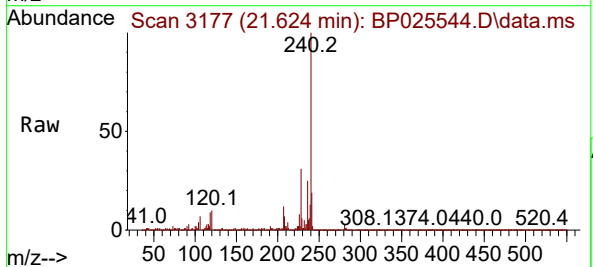
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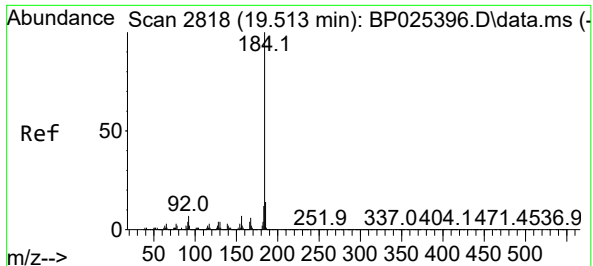
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

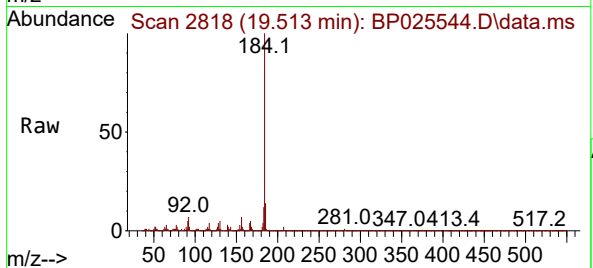
Tgt Ion:240 Resp: 897419
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.1 19.8 29.8





#77
Benzidine
Concen: 44.453 ng
RT: 19.513 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

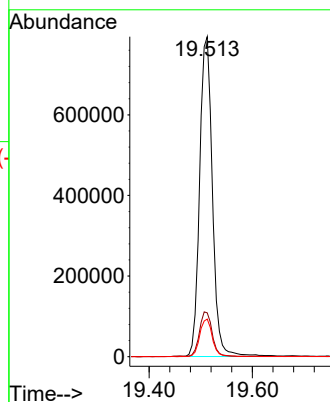
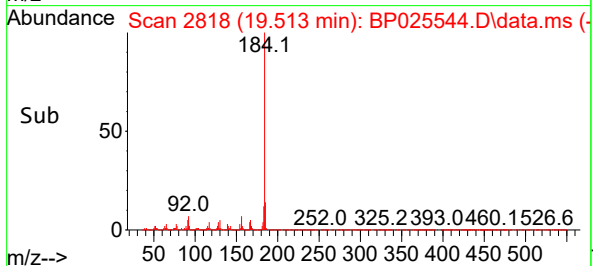
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1361472
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.7 9.4 14.2

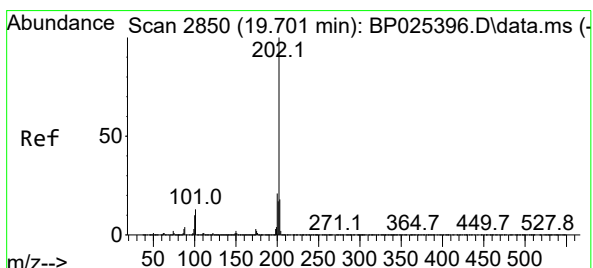
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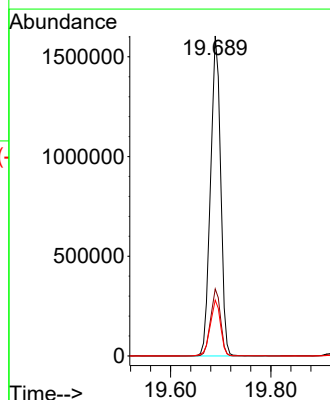
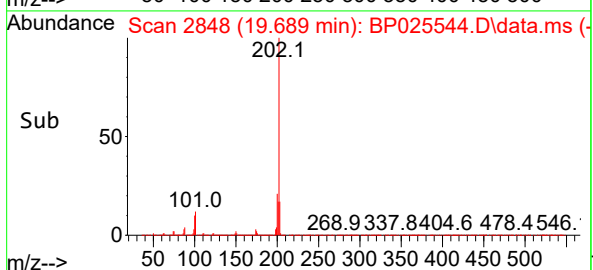
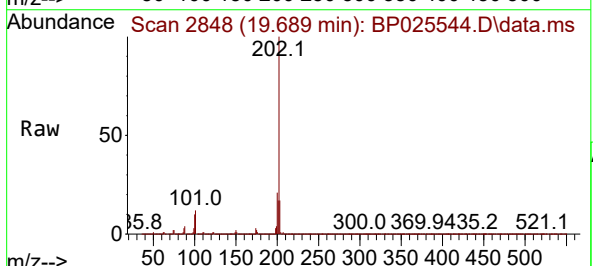
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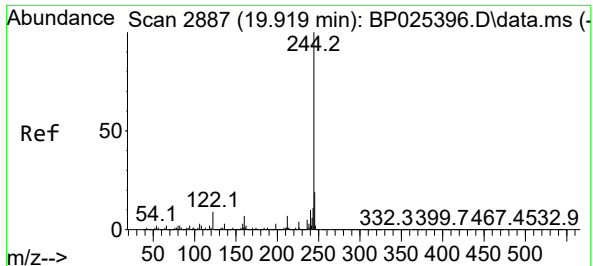
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#78
Pyrene
Concen: 38.605 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Tgt Ion:202 Resp: 2251793
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 14.2 21.2





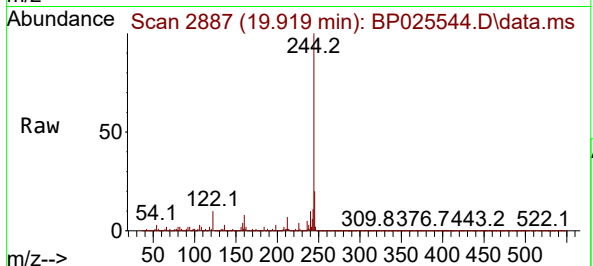
#79
Terphenyl-d14
Concen: 76.157 ng
RT: 19.919 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

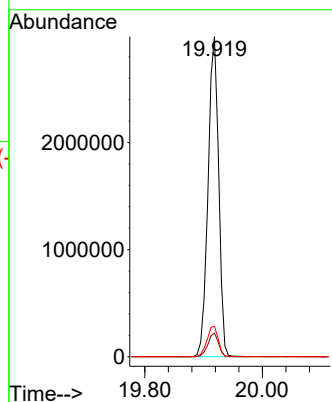
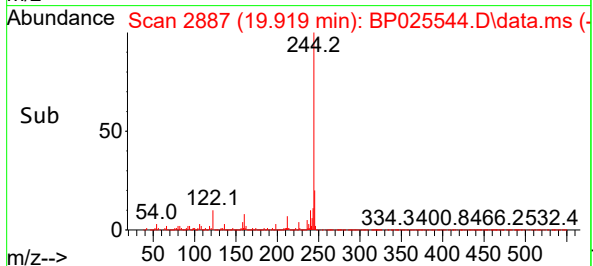
BNA_P

ClientSampleId :

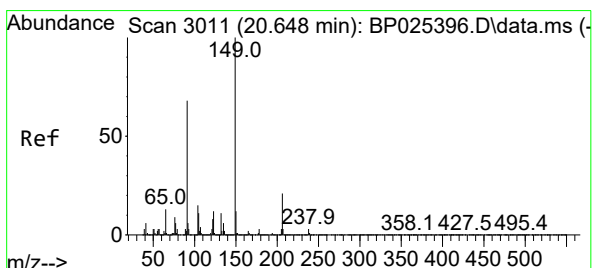
SSTDCCC040



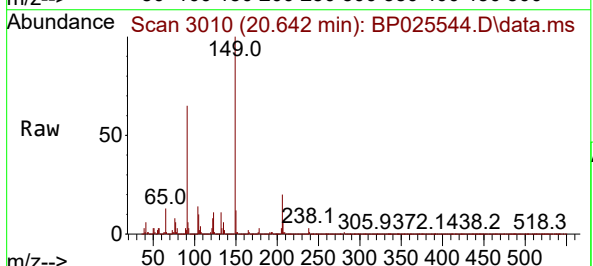
Tgt Ion:244 Resp: 3735539
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.5 7.4 11.2

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli08/25/2025
Supervised By :Jagrut
Upadhyay

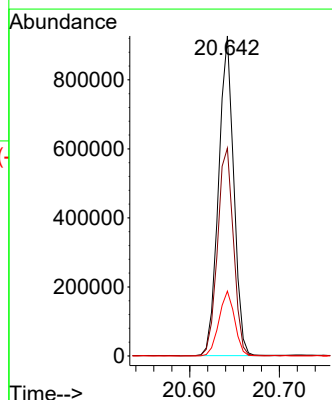
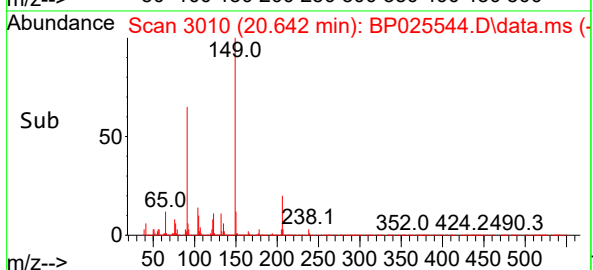
08/25/2025

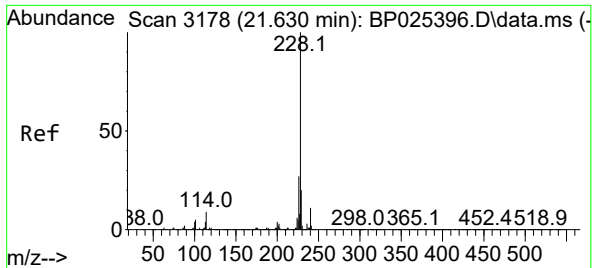


#80
Butylbenzylphthalate
Concen: 41.220 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



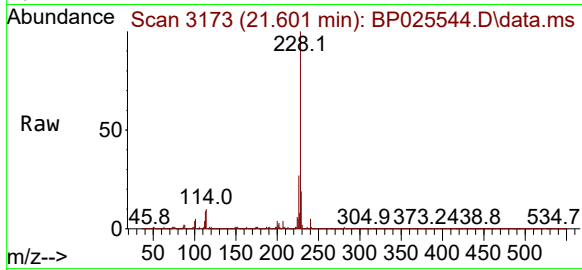
Tgt Ion:149 Resp: 1089684
Ion Ratio Lower Upper
149 100
91 65.0 54.2 81.2
206 20.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 38.592 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.029 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

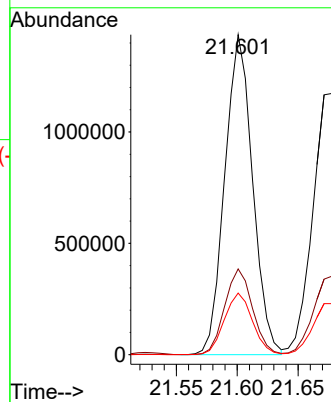
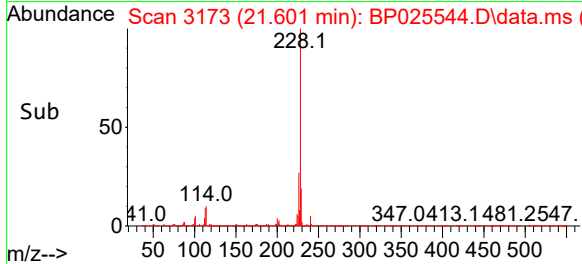
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 228404
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.2 15.6 23.4

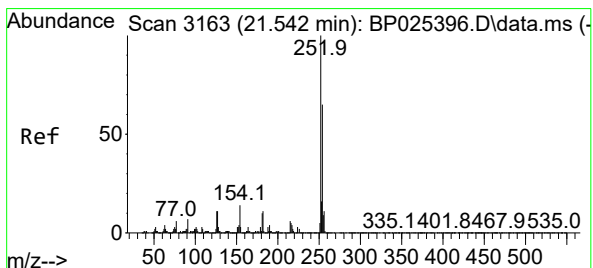
Manual Integrations
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Reviewed By :Rahul
Chavli

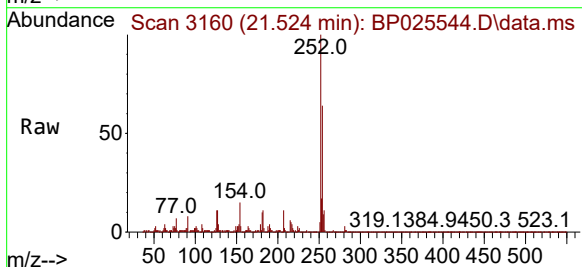


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Upadhyay

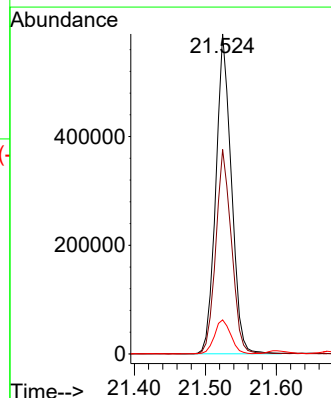
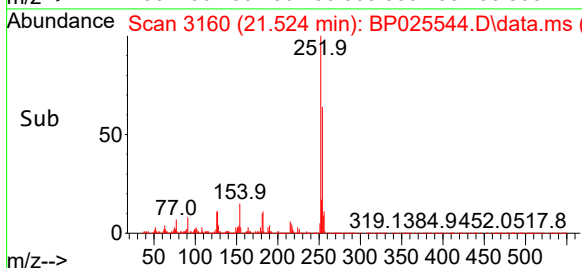
08/25/2025

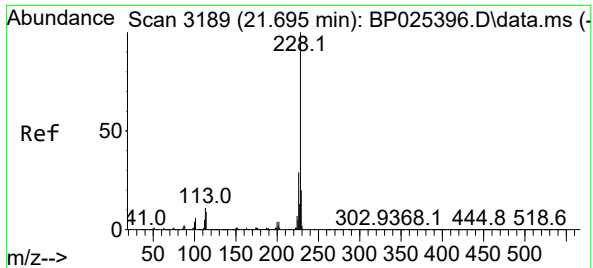


#82
3,3'-Dichlorobenzidine
Concen: 40.001 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:252 Resp: 892356
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 38.902 ng

RT: 21.677 min Scan# 3186

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 215618

Ion Ratio Lower Upper

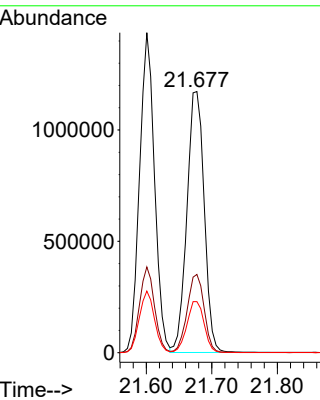
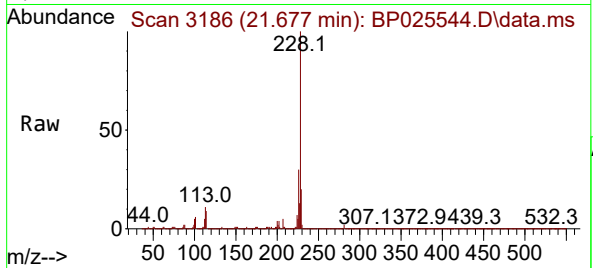
228 100

226 30.0 23.2 34.8

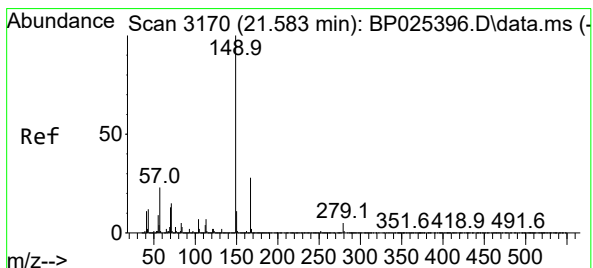
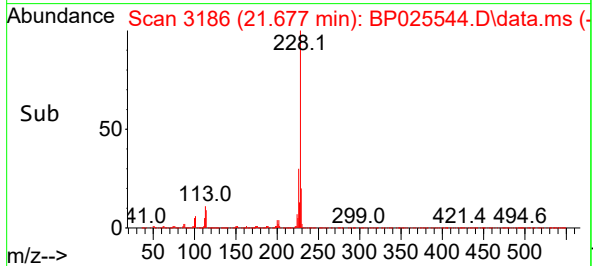
229 19.5 15.6 23.4

Manual Integrations

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Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.923 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

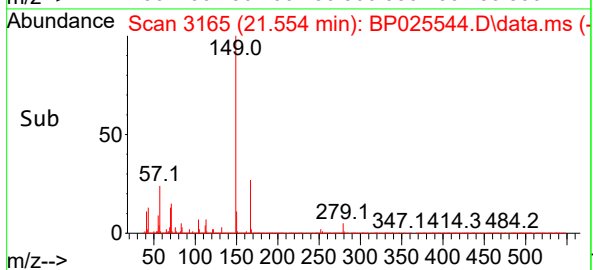
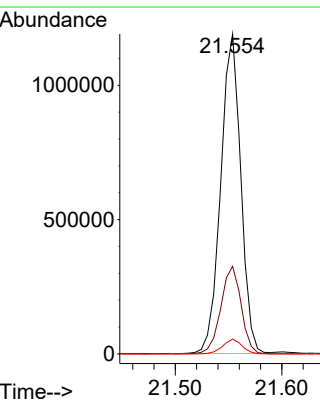
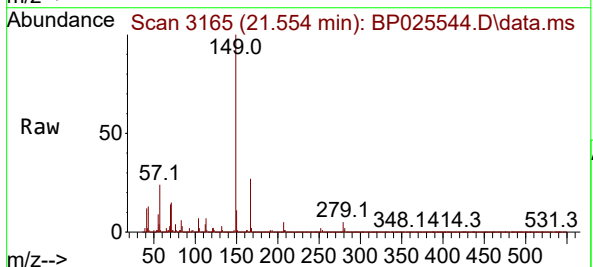
Tgt Ion:149 Resp: 1553607

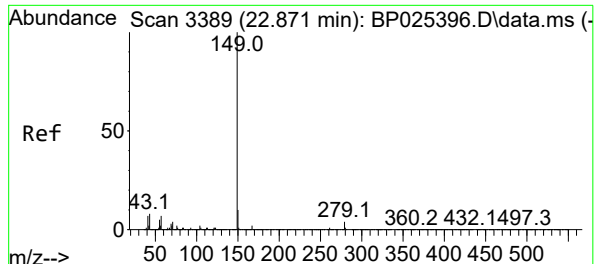
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.326 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 2766119

Ion Ratio Lower Upper

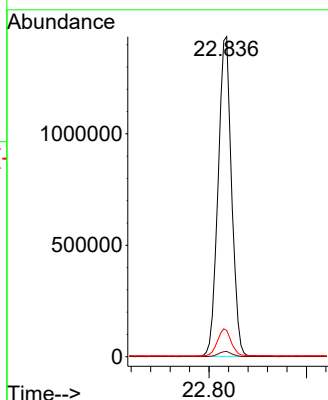
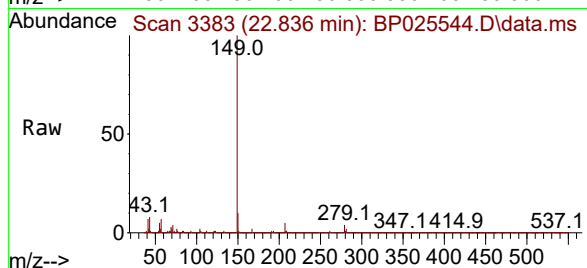
149 100

167 1.6 1.3 1.9

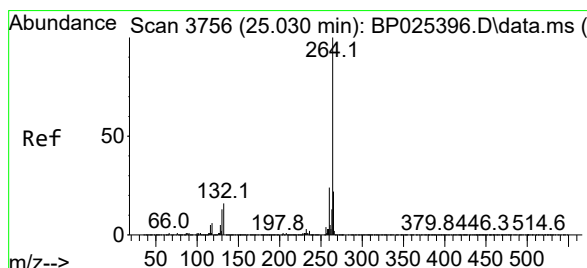
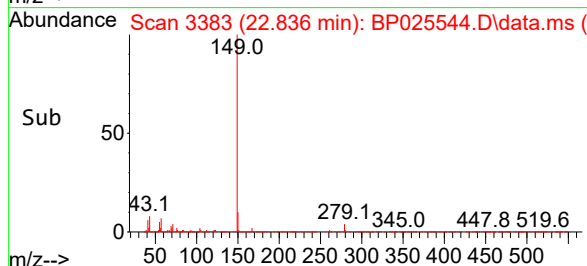
43 8.7 6.3 9.5

Manual Integrations

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Reviewed By :Rahul
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Upadhyay

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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

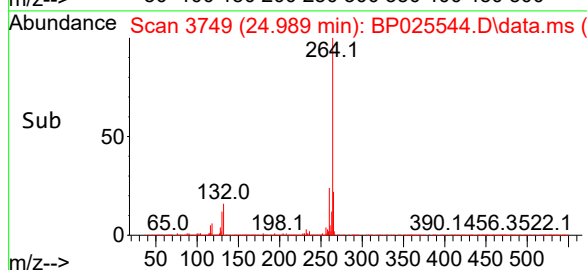
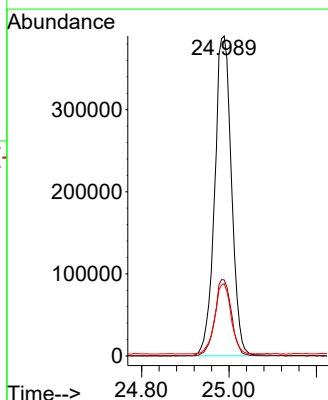
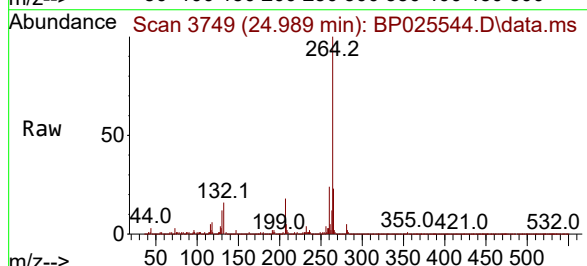
Tgt Ion:264 Resp: 1034534

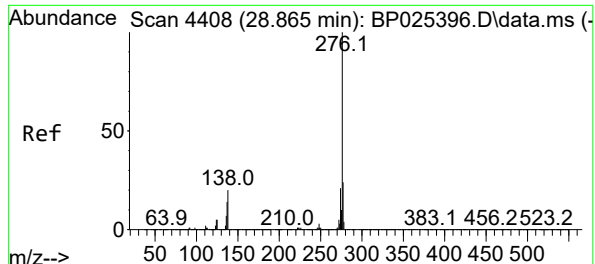
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.231 ng m

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 290056

Ion Ratio Lower Upper

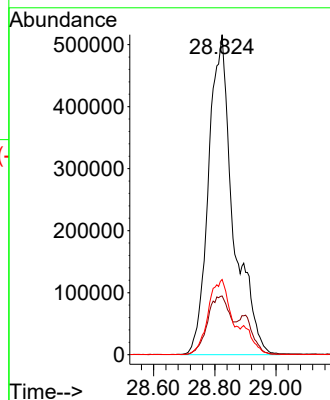
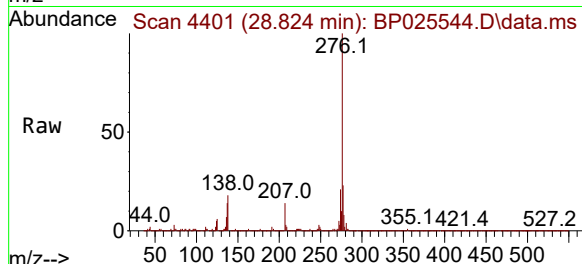
276 100

138 17.4 12.9 19.3

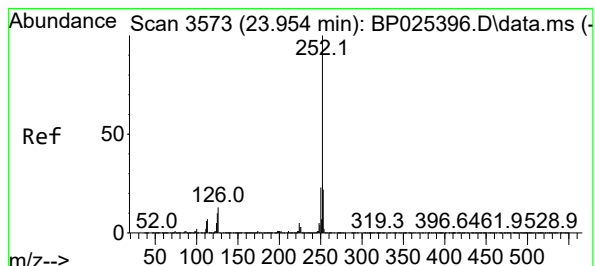
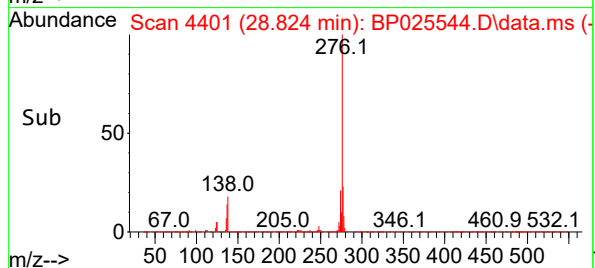
277 21.4 17.0 25.6

Manual Integrations

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Supervised By :Jagrut
Upadhyay

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#88

Benzo(b)fluoranthene

Concen: 37.804 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

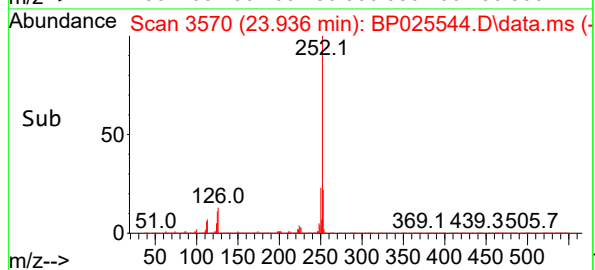
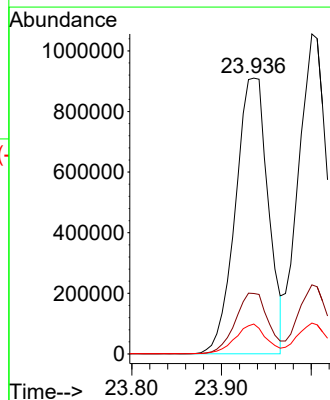
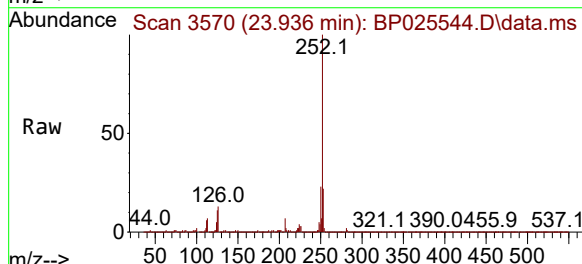
Tgt Ion:252 Resp: 2306180

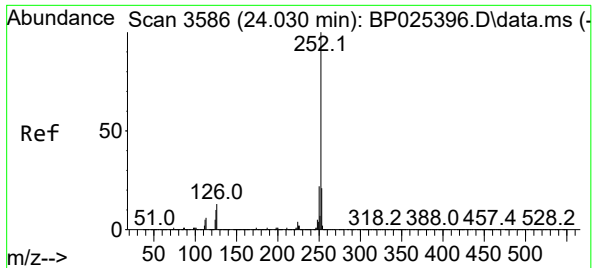
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.610 ng

RT: 24.001 min Scan# 3

Delta R.T. -0.029 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 235696

Ion Ratio Lower Upper

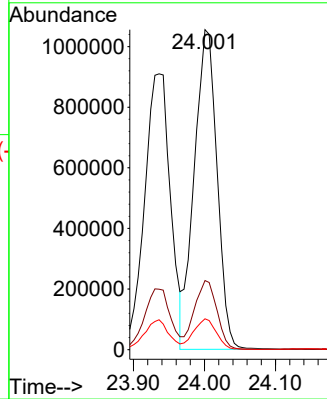
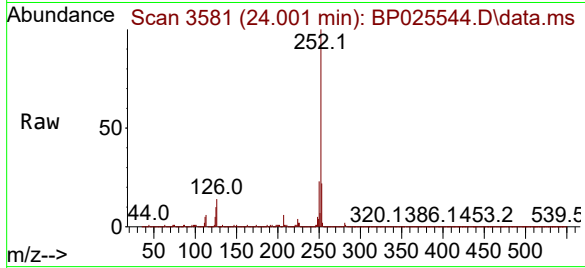
252 100

253 21.6 17.1 25.7

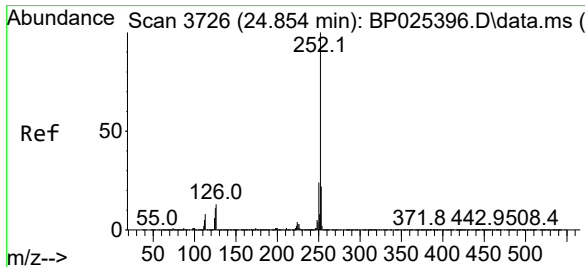
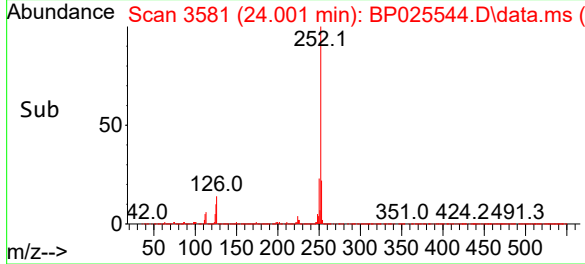
125 9.7 7.8 11.6

Manual Integrations

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Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

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#90

Benzo(a)pyrene

Concen: 38.568 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.018 min

Lab File: BP025544.D

Acq: 22 Aug 2025 10:49

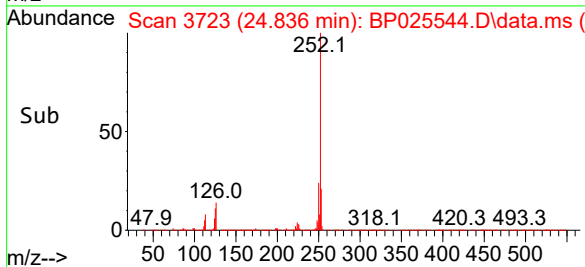
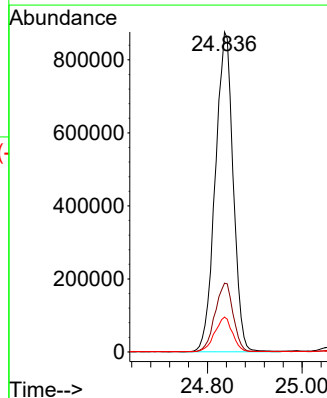
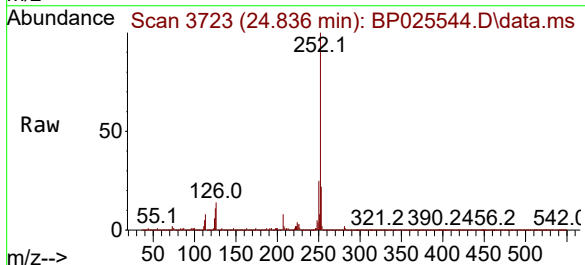
Tgt Ion:252 Resp: 2290273

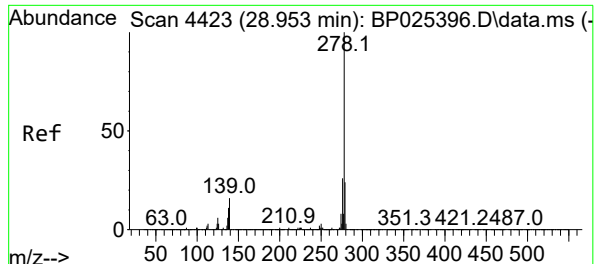
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.9 8.7 13.1





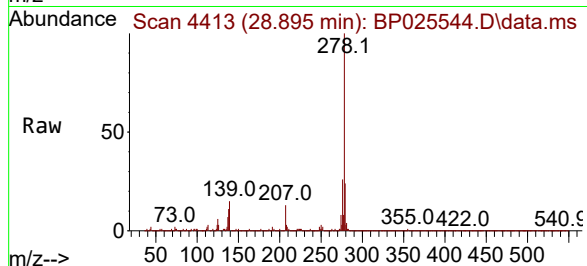
#91
Dibenzo(a,h)anthracene
Concen: 37.987 ng
RT: 28.895 min Scan# 4423
Delta R.T. -0.059 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49

Instrument :

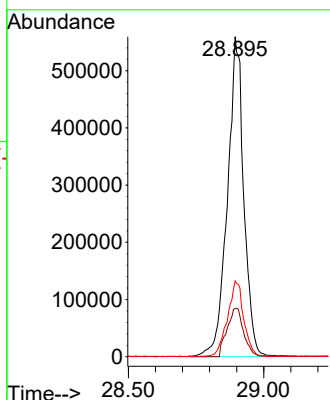
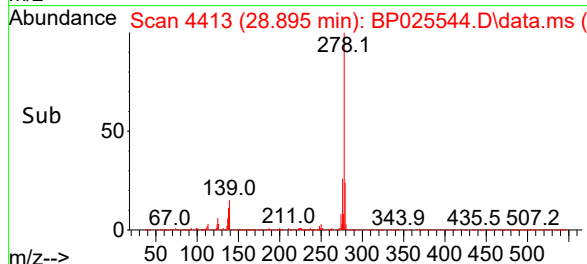
BNA_P

ClientSampleId :

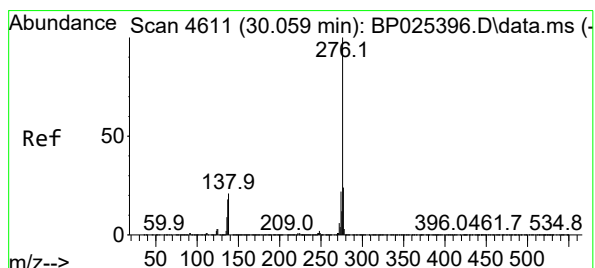
SSTDCCC040



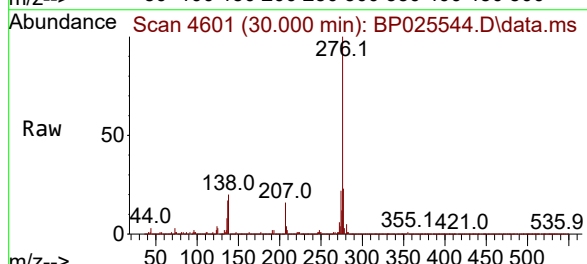
Tgt Ion:278 Resp: 235517
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 23.7 19.4 29.2

Manual Integrations
APPROVEDReviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

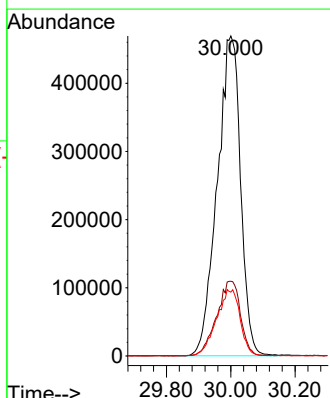
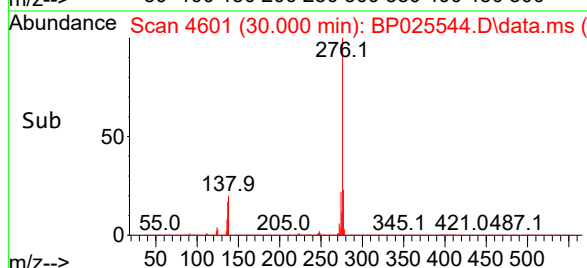
08/25/2025



#92
Benzo(g,h,i)perylene
Concen: 38.743 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.059 min
Lab File: BP025544.D
Acq: 22 Aug 2025 10:49



Tgt Ion:276 Resp: 236122
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 20.0 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	87	-0.02
2	1,4-Dioxane	0.472	0.461	2.3	90	-0.01
3	Pyridine	1.291	1.285	0.5	92	-0.01
4	n-Nitrosodimethylamine	0.532	0.571	-7.3	97	-0.01
5 S	2-Fluorophenol	1.204	1.201	0.2	90	-0.01
6	Aniline	2.080	2.131	-2.5	92	-0.01
7 S	Phenol-d6	1.544	1.586	-2.7	91	0.00
8	2-Chlorophenol	1.359	1.376	-1.3	91	-0.01
9	Benzaldehyde	1.082	1.377	-27.3#	88	-0.01
10 C	Phenol	1.620	1.656	-2.2	91	0.00
11	bis(2-Chloroethyl)ether	1.263	1.266	-0.2	90	-0.01
12	1,3-Dichlorobenzene	1.499	1.471	1.9	89	-0.01
13 C	1,4-Dichlorobenzene	1.532	1.490	2.7	88	-0.02
14	1,2-Dichlorobenzene	1.483	1.440	2.9	88	-0.01
15	Benzyl Alcohol	1.227	1.277	-4.1	93	-0.01
16	2,2'-oxybis(1-Chloropropane	1.692	1.738	-2.7	93	-0.02
17	2-Methylphenol	1.125	1.147	-2.0	90	0.00
18	Hexachloroethane	0.563	0.554	1.6	88	-0.02
19 P	n-Nitroso-di-n-propylamine	1.023	1.030	-0.7	90	-0.02
20	3+4-Methylphenols	1.560	1.584	-1.5	90	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	89	-0.01
22	Acetophenone	0.502	0.494	1.6	91	-0.01
23 S	Nitrobenzene-d5	0.395	0.396	-0.3	92	-0.02
24	Nitrobenzene	0.353	0.357	-1.1	93	-0.01
25	Isophorone	0.700	0.697	0.4	92	-0.02
26 C	2-Nitrophenol	0.181	0.184	-1.7	91	-0.01
27	2,4-Dimethylphenol	0.312	0.307	1.6	89	-0.01
28	bis(2-Chloroethoxy)methane	0.423	0.416	1.7	91	-0.02
29 C	2,4-Dichlorophenol	0.310	0.307	1.0	90	-0.01
30	1,2,4-Trichlorobenzene	0.340	0.319	6.2	87	-0.01
31	Naphthalene	1.040	1.006	3.3	90	-0.02
32	Benzoic acid	0.230	0.243	-5.7	96	0.00
33	4-Chloroaniline	0.459	0.460	-0.2	91	-0.01
34 C	Hexachlorobutadiene	0.211	0.200	5.2	87	-0.02
35	Caprolactam	0.114	0.124	-8.8	101	-0.01
36 C	4-Chloro-3-methylphenol	0.355	0.364	-2.5	94	-0.01
37	2-Methylnaphthalene	0.676	0.652	3.6	89	-0.02
38	1-Methylnaphthalene	0.719	0.688	4.3	90	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	91	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.578	0.548	5.2	89	-0.02
41 P	Hexachlorocyclopentadiene	0.349	0.397	-13.8	104	-0.02
42 S	2,4,6-Tribromophenol	0.269	0.273	-1.5	94	-0.01
43 C	2,4,6-Trichlorophenol	0.390	0.387	0.8	92	-0.01
44	2,4,5-Trichlorophenol	0.427	0.430	-0.7	92	0.00
45 S	2-Fluorobiphenyl	1.463	1.364	6.8	89	-0.01
46	1,1'-Biphenyl	1.453	1.392	4.2	90	-0.02
47	2-Chloronaphthalene	1.131	1.080	4.5	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.329	0.351	-6.7	97	-0.02
49	Acenaphthylene	1.871	1.834	2.0	92	-0.02
50	Dimethylphthalate	1.465	1.455	0.7	94	-0.02
51	2,6-Dinitrotoluene	0.309	0.324	-4.9	95	-0.01
52 C	Acenaphthene	1.098	1.042	5.1	91	-0.01
53	3-Nitroaniline	0.347	0.370	-6.6	98	-0.01
54 P	2,4-Dinitrophenol	0.165	0.228	-38.2#	127	-0.01
55	Dibenzofuran	1.736	1.669	3.9	90	-0.01
56 P	4-Nitrophenol	0.285	0.311	-9.1	101	0.00
57	2,4-Dinitrotoluene	0.440	0.471	-7.0	98	-0.01
58	Fluorene	1.370	1.350	1.5	94	-0.01
59	2,3,4,6-Tetrachlorophenol	0.377	0.381	-1.1	94	0.00
60	Diethylphthalate	1.488	1.520	-2.2	96	-0.02
61	4-Chlorophenyl-phenylether	0.681	0.653	4.1	91	-0.02
62	4-Nitroaniline	0.356	0.382	-7.3	99	-0.01
63	Azobenzene	1.274	1.324	-3.9	97	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	94	-0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.146	-16.8	112	-0.01
66 c	n-Nitrosodiphenylamine	0.610	0.590	3.3	94	-0.01
67	4-Bromophenyl-phenylether	0.220	0.209	5.0	93	0.00
68	Hexachlorobenzene	0.255	0.238	6.7	93	-0.01
69	Atrazine	0.228	0.228	0.0	99	-0.01
70 C	Pentachlorophenol	0.161	0.169	-5.0	101	-0.01
71	Phenanthrene	1.099	1.058	3.7	96	-0.01
72	Anthracene	1.122	1.113	0.8	97	-0.01
73	Carbazole	1.057	1.064	-0.7	100	0.00
74	Di-n-butylphthalate	1.300	1.314	-1.1	100	-0.01
75 C	Fluoranthene	1.311	1.296	1.1	99	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	-0.02
77	Benzidine	0.683	0.759	-11.1	78	0.00
78	Pyrene	1.300	1.255	3.5	98	-0.01
79 S	Terphenyl-d14	1.093	1.041	4.8	99	0.00
80	Butylbenzylphthalate	0.589	0.607	-3.1	105	0.00
81	Benzo(a)anthracene	1.319	1.273	3.5	100	-0.03
82	3,3'-Dichlorobenzidine	0.497	0.497	0.0	102	-0.02
83	Chrysene	1.235	1.201	2.8	101	-0.02
84	Bis(2-ethylhexyl)phthalate	0.867	0.866	0.1	104	-0.03
85 c	Di-n-octyl phthalate	1.492	1.541	-3.3	106	-0.04
86 I	Perylene-d12	1.000	1.000	0.0	101	-0.04
87	Indeno(1,2,3-cd)pyrene	1.467	1.402	4.4	101	-0.04
88	Benzo(b)fluoranthene	1.179	1.115	5.4	99	-0.02
89	Benzo(k)fluoranthene	1.180	1.139	3.5	102	-0.03
90 C	Benzo(a)pyrene	1.148	1.107	3.6	101	-0.02
91	Dibenzo(a,h)anthracene	1.199	1.138	5.1	100	-0.06
92	Benzo(g,h,i)perylene	1.178	1.141	3.1	101	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
----------	-------	------	------	-------	----------

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	87	-0.02
2	1,4-Dioxane	40.000	39.123	2.2	90	-0.01
3	Pyridine	40.000	39.803	0.5	92	-0.01
4	n-Nitrosodimethylamine	40.000	42.925	-7.3	97	-0.01
5 S	2-Fluorophenol	80.000	79.778	0.3	90	-0.01
6	Aniline	40.000	40.982	-2.5	92	-0.01
7 S	Phenol-d6	80.000	82.181	-2.7	91	0.00
8	2-Chlorophenol	40.000	40.502	-1.3	91	-0.01
9	Benzaldehyde	40.000	50.920	-27.3#	88	-0.01
10 C	Phenol	40.000	40.896	-2.2	91	0.00
11	bis(2-Chloroethyl)ether	40.000	40.104	-0.3	90	-0.01
12	1,3-Dichlorobenzene	40.000	39.275	1.8	89	-0.01
13 C	1,4-Dichlorobenzene	40.000	38.913	2.7	88	-0.02
14	1,2-Dichlorobenzene	40.000	38.855	2.9	88	-0.01
15	Benzyl Alcohol	40.000	41.650	-4.1	93	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	41.106	-2.8	93	-0.02
17	2-Methylphenol	40.000	40.788	-2.0	90	0.00
18	Hexachloroethane	40.000	39.385	1.5	88	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	40.285	-0.7	90	-0.02
20	3+4-Methylphenols	40.000	40.633	-1.6	90	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	89	-0.01
22	Acetophenone	40.000	39.371	1.6	91	-0.01
23 S	Nitrobenzene-d5	80.000	80.044	-0.1	92	-0.02
24	Nitrobenzene	40.000	40.465	-1.2	93	-0.01
25	Isophorone	40.000	39.849	0.4	92	-0.02
26 C	2-Nitrophenol	40.000	40.564	-1.4	91	-0.01
27	2,4-Dimethylphenol	40.000	39.326	1.7	89	-0.01
28	bis(2-Chloroethoxy)methane	40.000	39.349	1.6	91	-0.02
29 C	2,4-Dichlorophenol	40.000	39.589	1.0	90	-0.01
30	1,2,4-Trichlorobenzene	40.000	37.597	6.0	87	-0.01
31	Naphthalene	40.000	38.712	3.2	90	-0.02
32	Benzoic acid	40.000	42.238	-5.6	96	0.00
33	4-Chloroaniline	40.000	40.039	-0.1	91	-0.01
34 C	Hexachlorobutadiene	40.000	37.756	5.6	87	-0.02
35	Caprolactam	40.000	43.562	-8.9	101	-0.01
36 C	4-Chloro-3-methylphenol	40.000	40.964	-2.4	94	-0.01
37	2-Methylnaphthalene	40.000	38.576	3.6	89	-0.02
38	1-Methylnaphthalene	40.000	38.255	4.4	90	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	91	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	37.916	5.2	89	-0.02
41 P	Hexachlorocyclopentadiene	40.000	45.555	-13.9	104	-0.02
42 S	2,4,6-Tribromophenol	80.000	81.081	-1.4	94	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.701	0.7	92	-0.01
44	2,4,5-Trichlorophenol	40.000	40.266	-0.7	92	0.00
45 S	2-Fluorobiphenyl	80.000	74.582	6.8	89	-0.01
46	1,1'-Biphenyl	40.000	38.335	4.2	90	-0.02
47	2-Chloronaphthalene	40.000	38.216	4.5	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	42.664	-6.7	97	-0.02
49	Acenaphthylene	40.000	39.203	2.0	92	-0.02
50	Dimethylphthalate	40.000	39.739	0.7	94	-0.02
51	2,6-Dinitrotoluene	40.000	41.932	-4.8	95	-0.01
52 C	Acenaphthene	40.000	37.949	5.1	91	-0.01
53	3-Nitroaniline	40.000	42.560	-6.4	98	-0.01
54 P	2,4-Dinitrophenol	40.000	55.404	-38.5#	127	-0.01
55	Dibenzofuran	40.000	38.443	3.9	90	-0.01
56 P	4-Nitrophenol	40.000	43.566	-8.9	101	0.00
57	2,4-Dinitrotoluene	40.000	42.783	-7.0	98	-0.01
58	Fluorene	40.000	39.409	1.5	94	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	40.427	-1.1	94	0.00
60	Diethylphthalate	40.000	40.853	-2.1	96	-0.02
61	4-Chlorophenyl-phenylether	40.000	38.356	4.1	91	-0.02
62	4-Nitroaniline	40.000	42.887	-7.2	99	-0.01
63	Azobenzene	40.000	41.564	-3.9	97	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	94	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	46.762	-16.9	112	-0.01
66 c	n-Nitrosodiphenylamine	40.000	38.676	3.3	94	-0.01
67	4-Bromophenyl-phenylether	40.000	38.093	4.8	93	0.00
68	Hexachlorobenzene	40.000	37.412	6.5	93	-0.01
69	Atrazine	40.000	40.001	-0.0	99	-0.01
70 C	Pentachlorophenol	40.000	41.994	-5.0	101	-0.01
71	Phenanthrene	40.000	38.537	3.7	96	-0.01
72	Anthracene	40.000	39.676	0.8	97	-0.01
73	Carbazole	40.000	40.278	-0.7	100	0.00
74	Di-n-butylphthalate	40.000	40.423	-1.1	100	-0.01
75 C	Fluoranthene	40.000	39.558	1.1	99	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	-0.02
77	Benzydine	40.000	44.453	-11.1	78	0.00
78	Pyrene	40.000	38.605	3.5	98	-0.01
79 S	Terphenyl-d14	80.000	76.157	4.8	99	0.00
80	Butylbenzylphthalate	40.000	41.220	-3.0	105	0.00
81	Benzo(a)anthracene	40.000	38.592	3.5	100	-0.03
82	3,3'-Dichlorobenzidine	40.000	40.001	-0.0	102	-0.02
83	Chrysene	40.000	38.902	2.7	101	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	39.923	0.2	104	-0.03
85 c	Di-n-octyl phthalate	40.000	41.326	-3.3	106	-0.04
86 I	Perylene-d12	20.000	20.000	0.0	101	-0.04
87	Indeno(1,2,3-cd)pyrene	40.000	38.231	4.4	101	-0.04
88	Benzo(b)fluoranthene	40.000	37.804	5.5	99	-0.02
89	Benzo(k)fluoranthene	40.000	38.610	3.5	102	-0.03
90 C	Benzo(a)pyrene	40.000	38.568	3.6	101	-0.02
91	Dibenzo(a,h)anthracene	40.000	37.987	5.0	100	-0.06
92	Benzo(g,h,i)perylene	40.000	38.743	3.1	101	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025544.D
Acq On : 22 Aug 2025 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 22 15:31:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



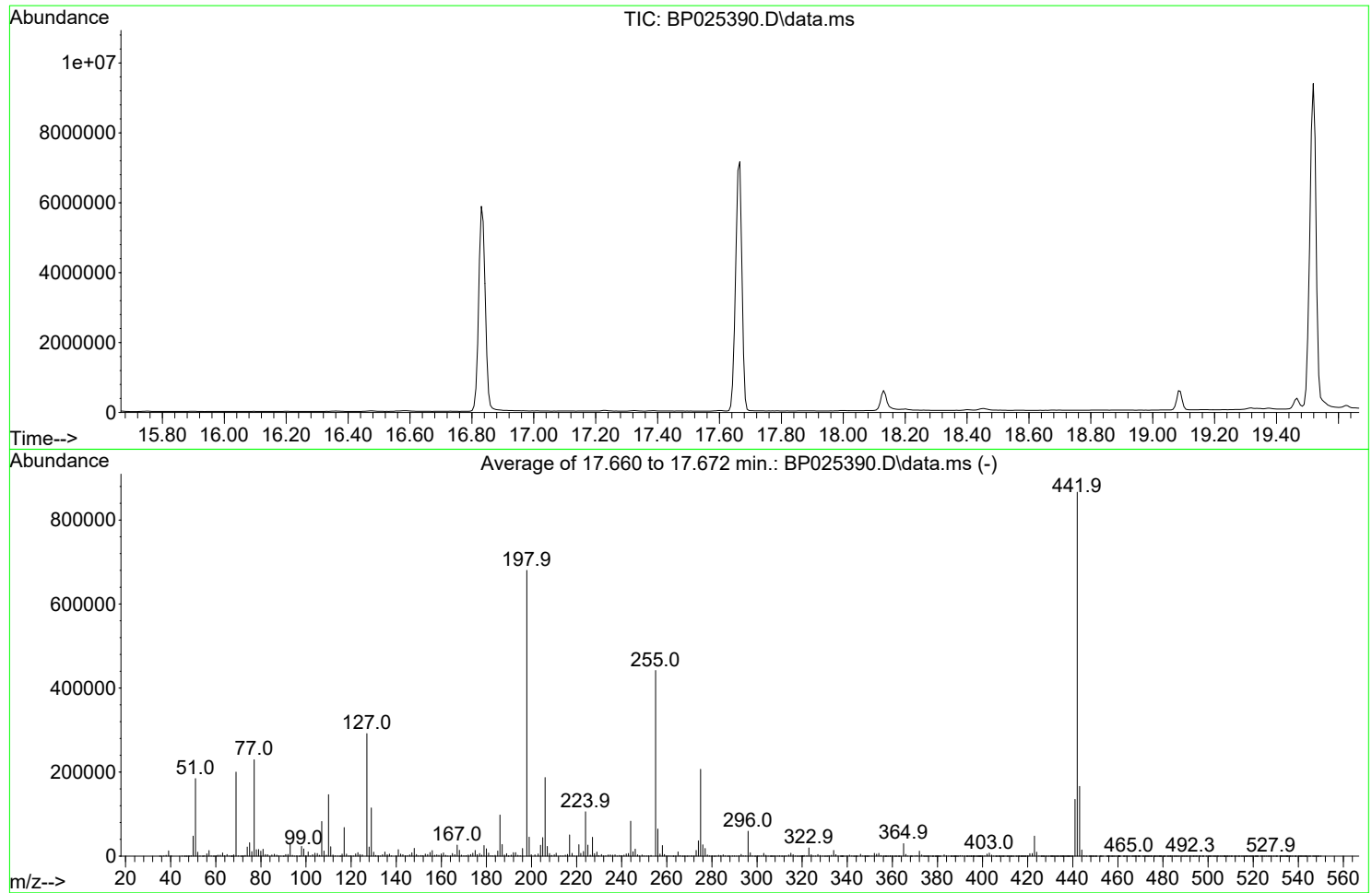
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

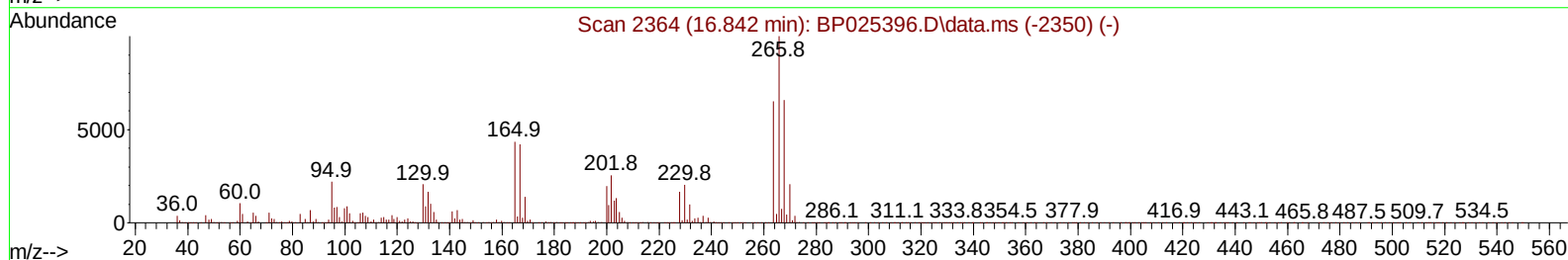
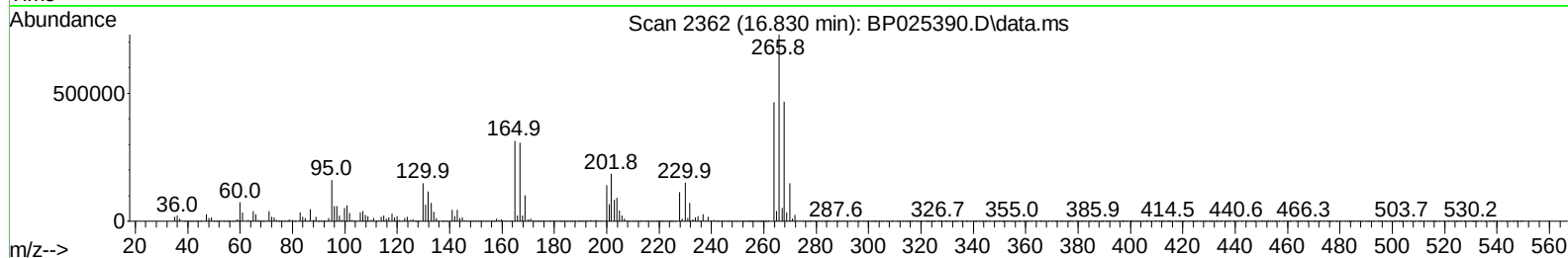
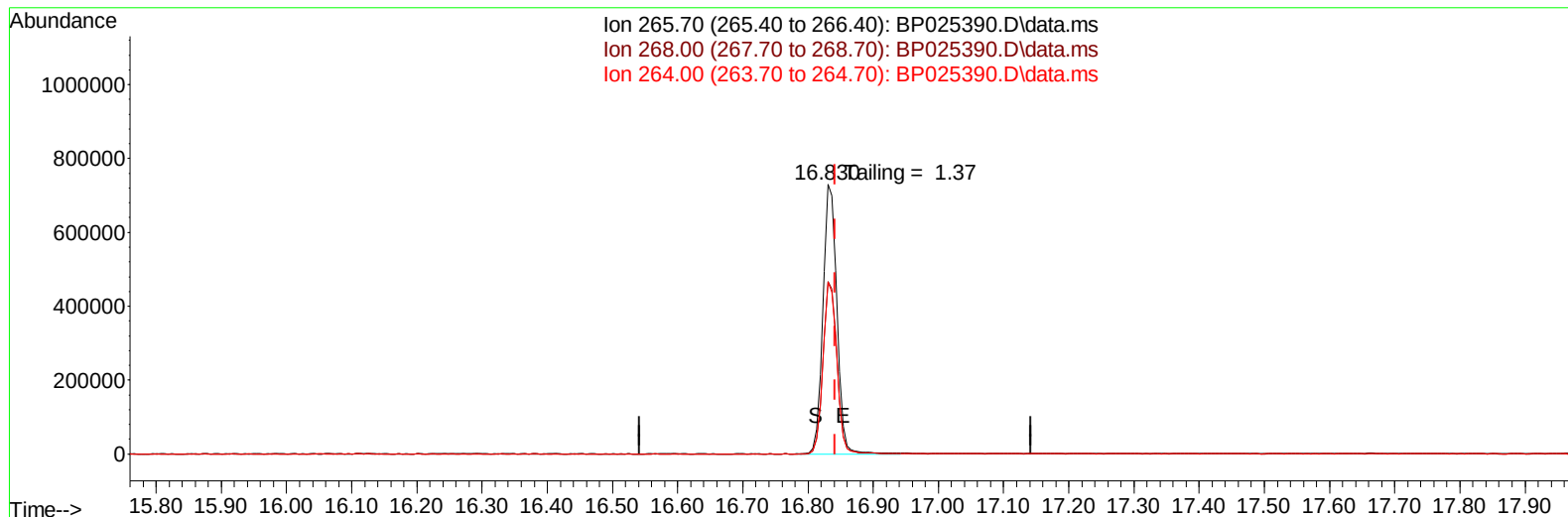
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	<u>BP025390.D</u>
Compound Name	Response	Retention Time
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
61335	3037433	2.02

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

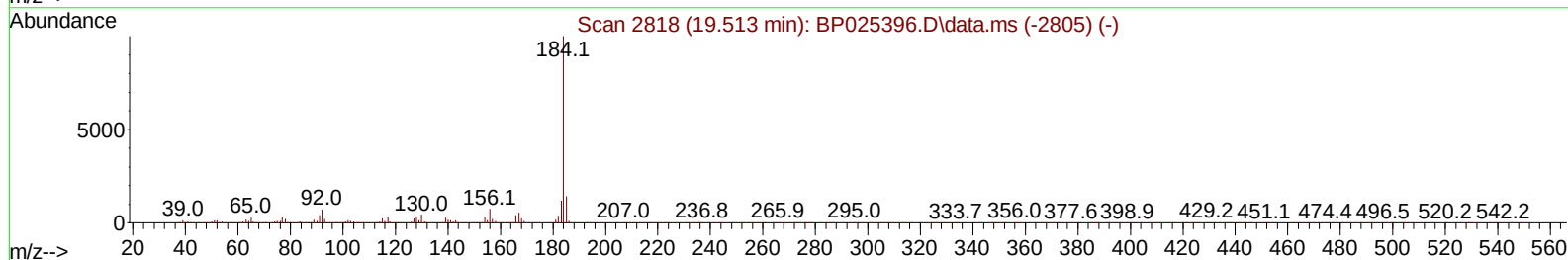
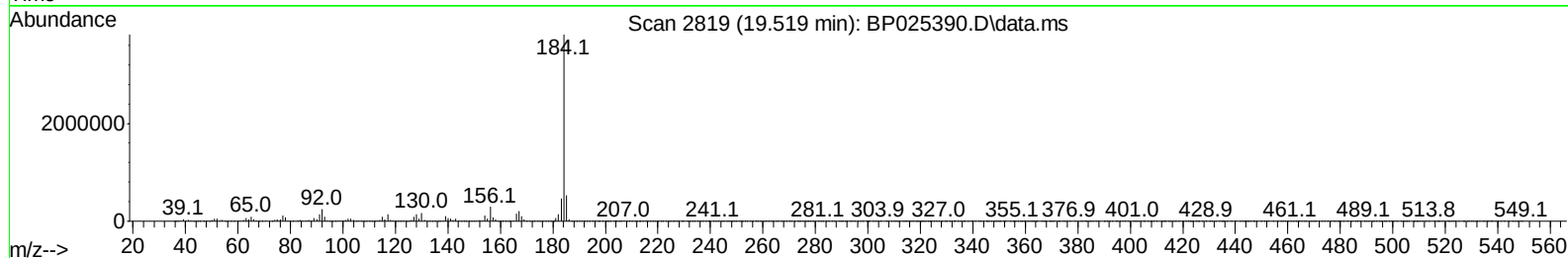
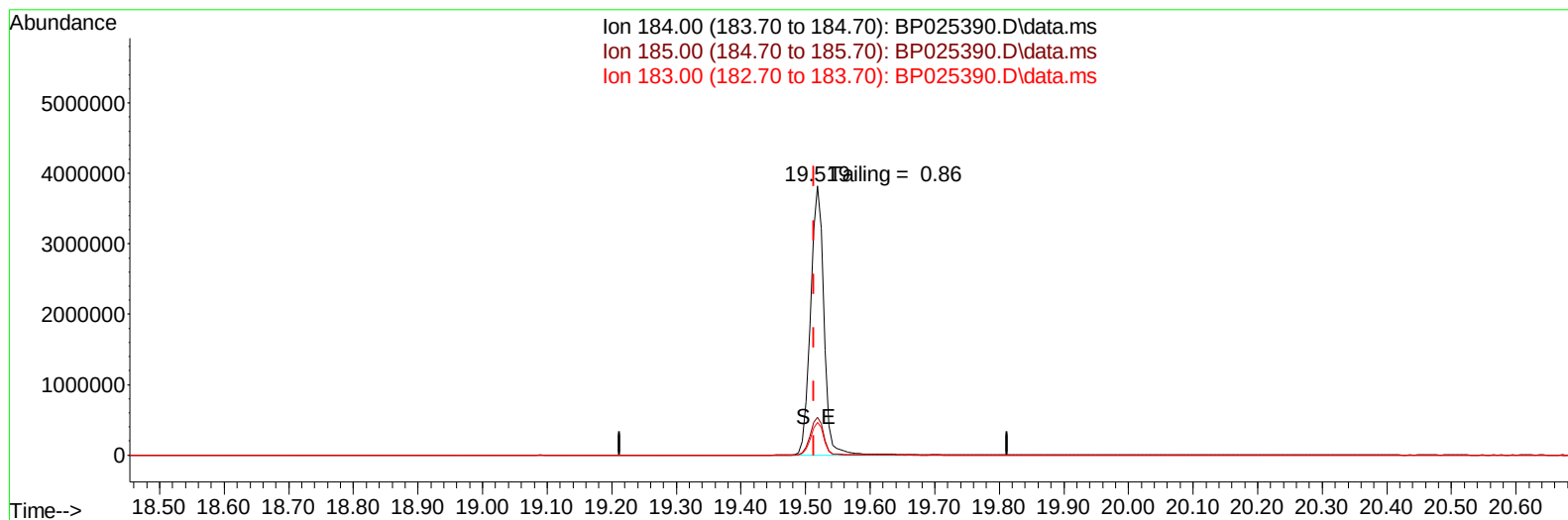
response 1096483

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

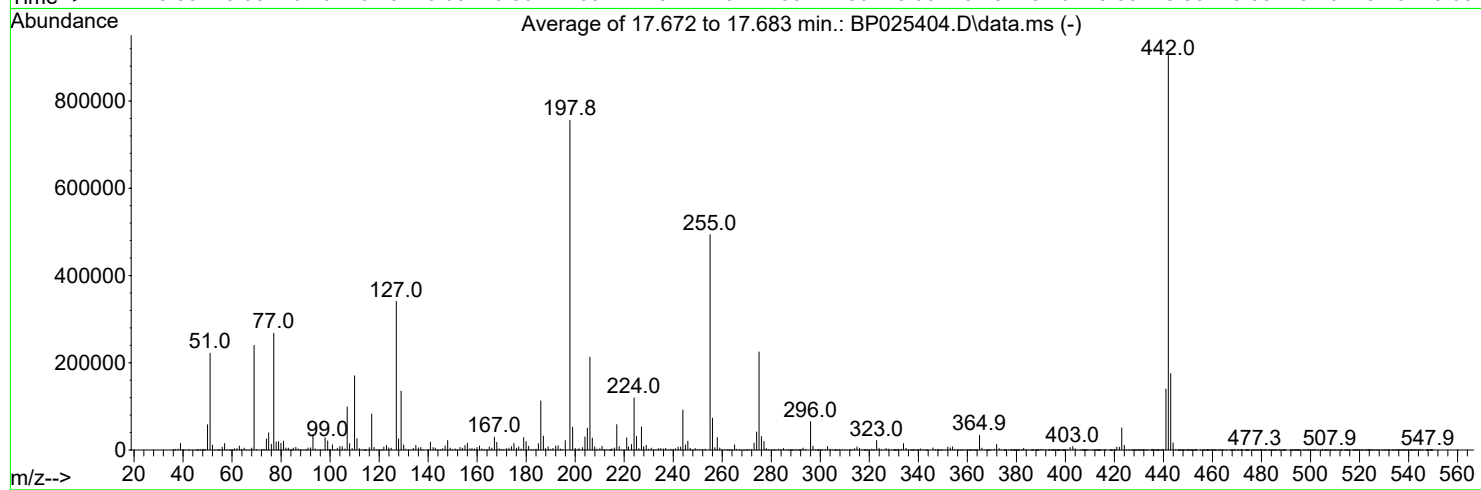
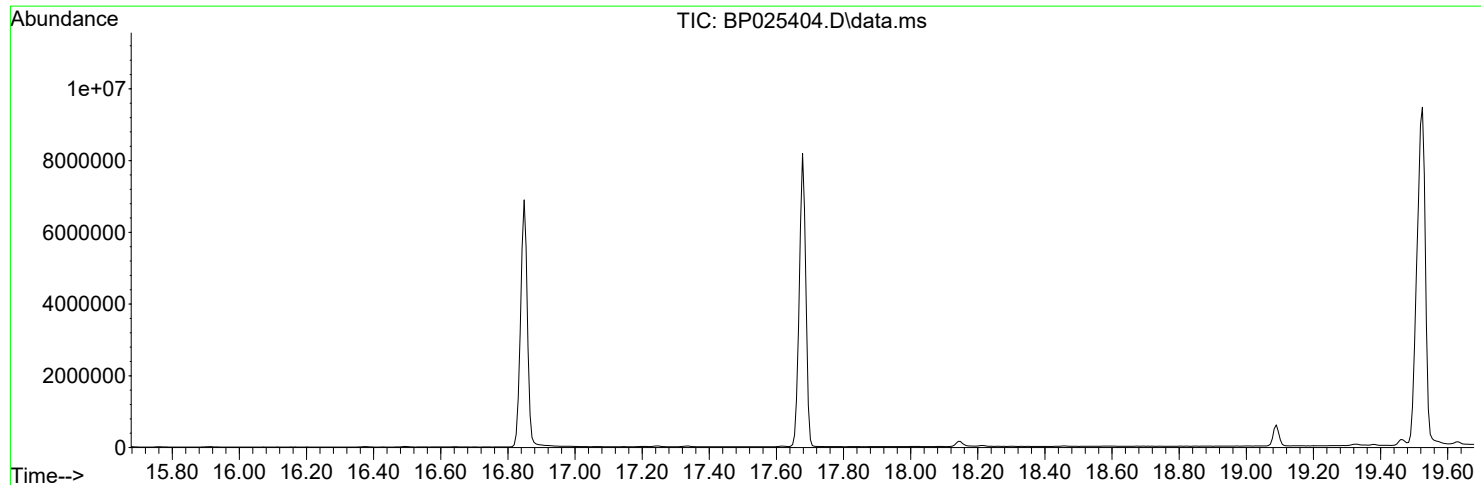
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025404.D
Acq On : 14 Aug 2025 22:14
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2505, 2506, 2507; Background Corrected with Scan 2496

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	4266	PASS
69	69	100	100	100.0	239963	PASS
70	69	0.00	2	0.5	1107	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	756157	PASS
199	198	5	9	6.9	52397	PASS
365	198	1	100	4.5	33744	PASS
441	443	0.01	150	79.9	140197	PASS
442	442	100	100	100.0	905133	PASS
443	442	15	24	19.4	175487	PASS

DDT Breakdown

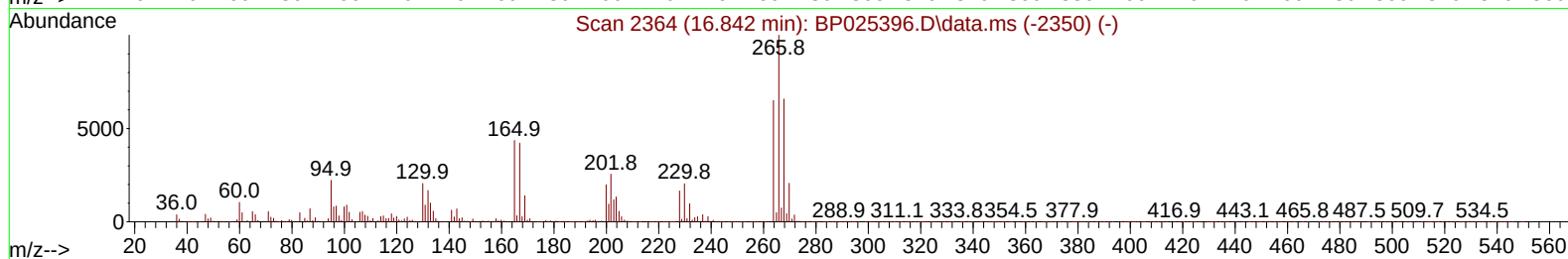
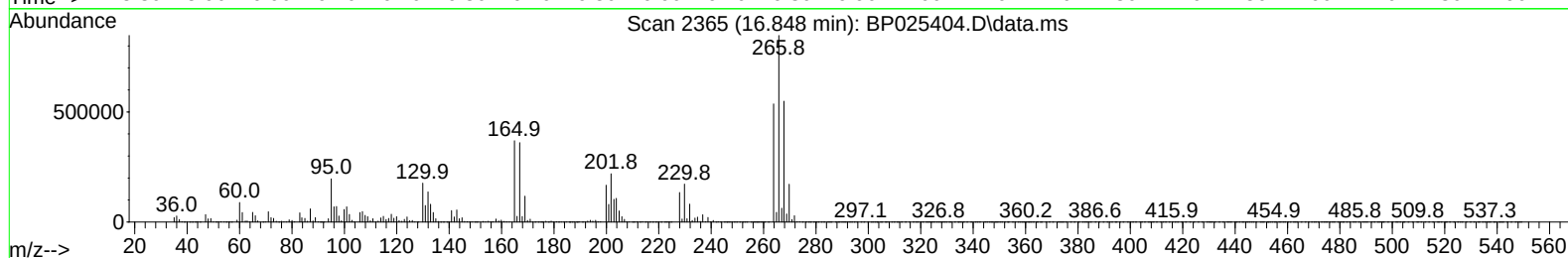
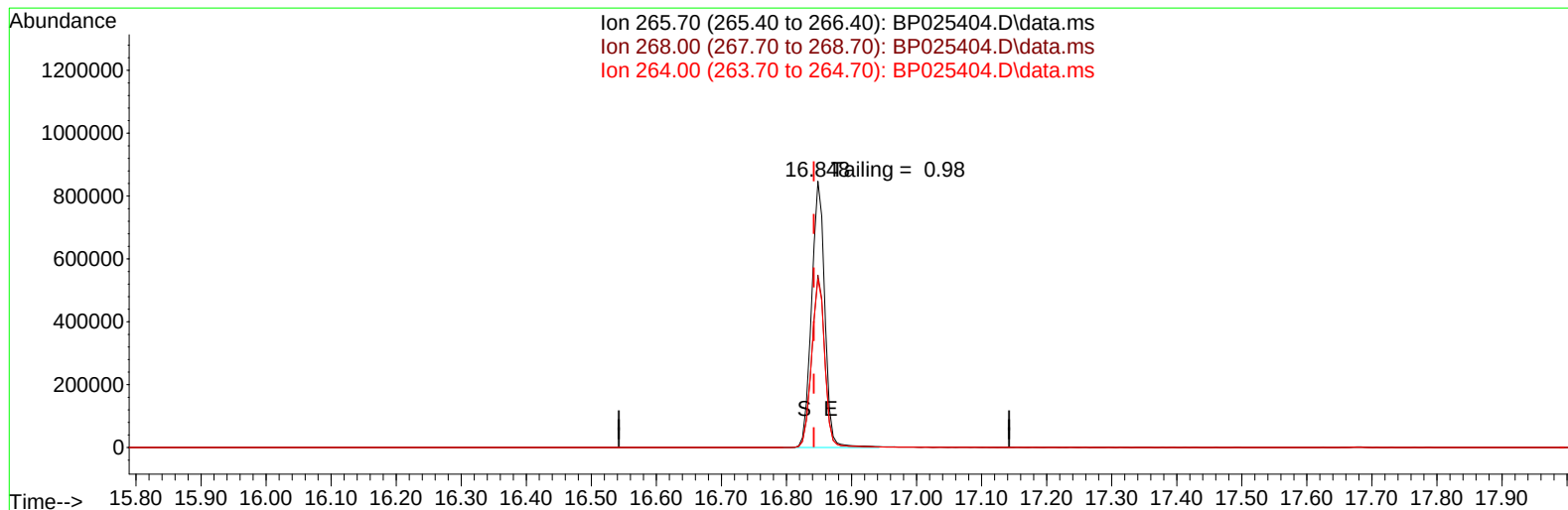
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	<u>BP025404.D</u>
Compound Name	Response	Retention Time
DDT	3229321	20.813
DDD	27030	20.354
DDE	8790	19.824
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
35820	3265141	1.10

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025404.D
Acq On : 14 Aug 2025 22:14
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 15 03:47:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025404.D\data.ms

(70) Pentachlorophenol (C)

16.848min (+ 0.006) 31099.04 ng

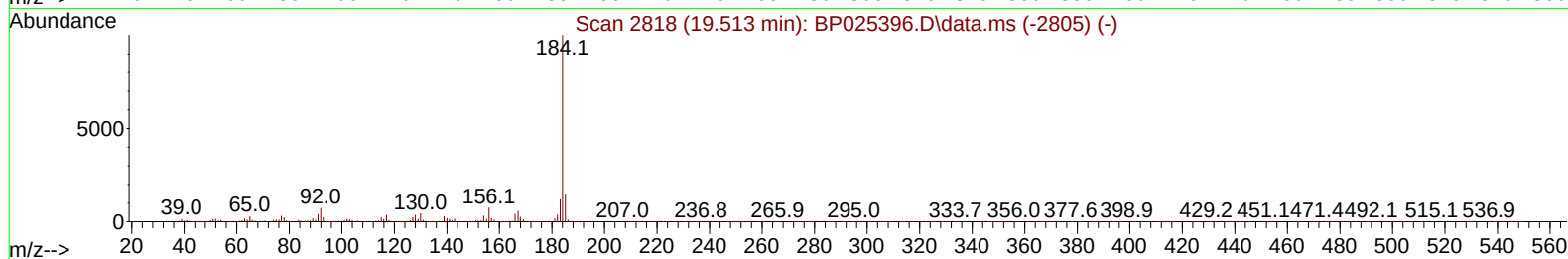
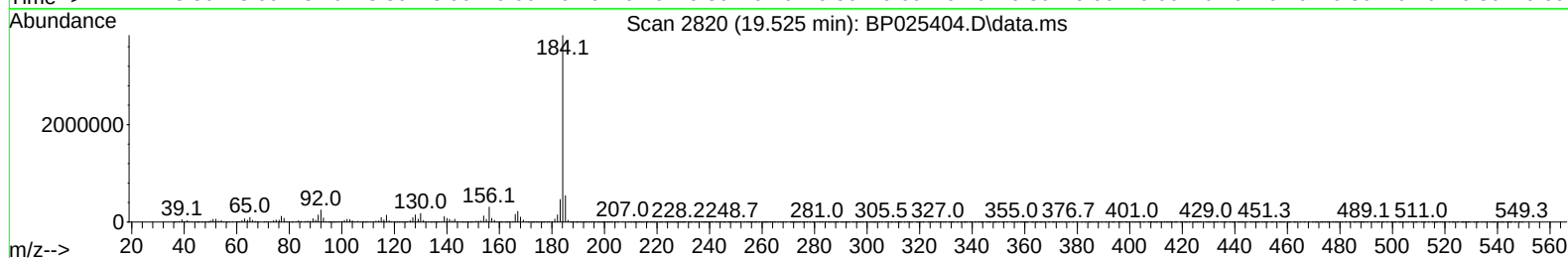
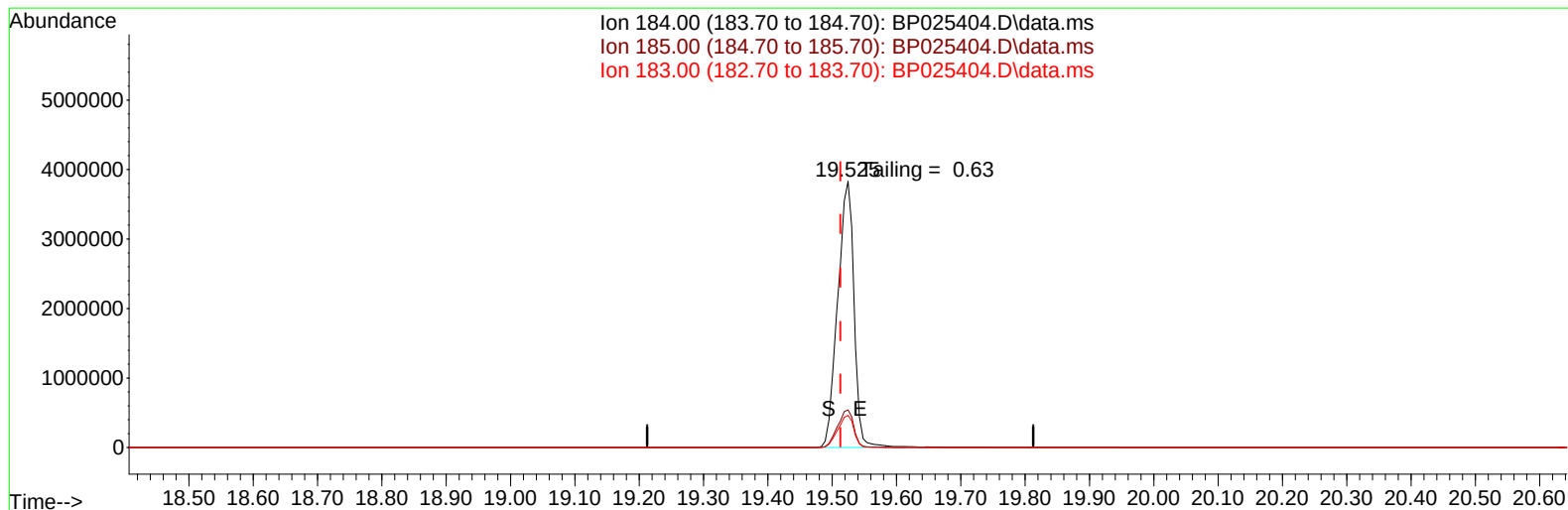
response 1200354

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.76
264.00	65.00	63.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025404.D
Acq On : 14 Aug 2025 22:14
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 15 03:47:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025404.D\data.ms

(77) Benzidine

19.525min (+ 0.012) 36687.84 ng

response 6768737

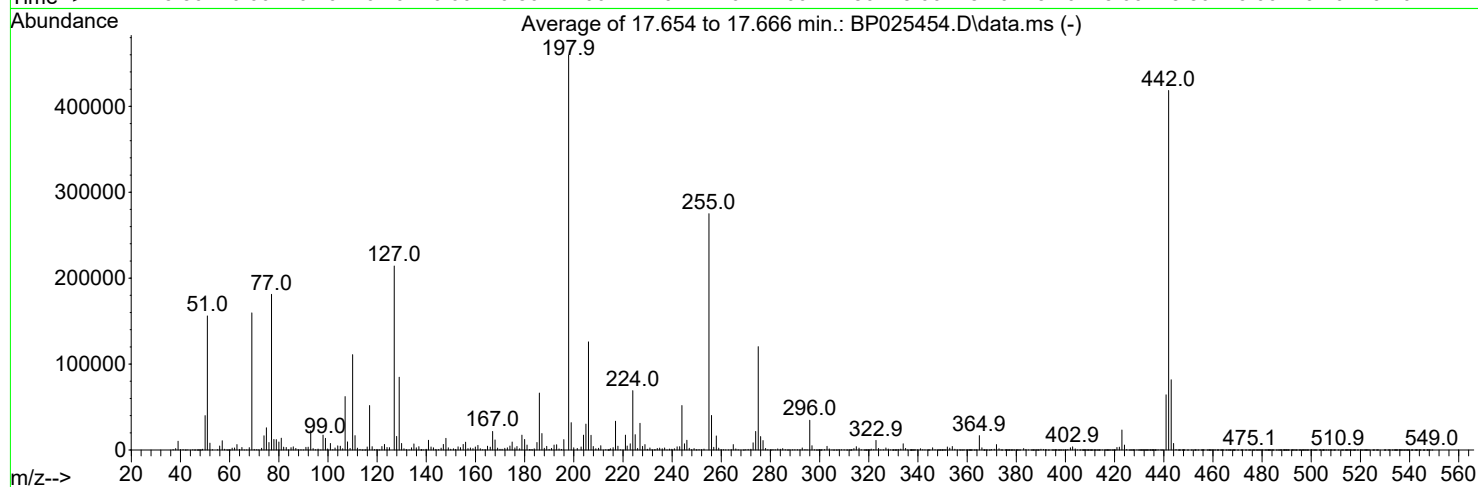
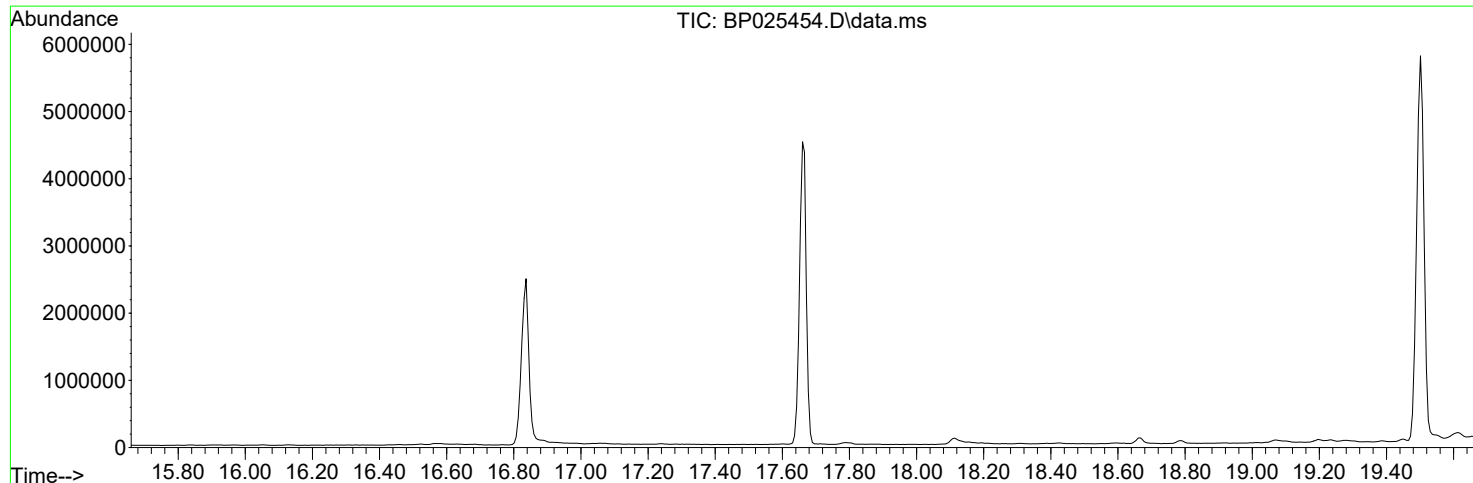
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.14
183.00	11.80	12.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2495

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	2890	PASS
69	69	100	100	100.0	159655	PASS
70	69	0.00	2	0.4	697	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	459535	PASS
199	198	5	9	6.9	31889	PASS
365	198	1	100	3.6	16720	PASS
441	443	0.01	150	78.6	64292	PASS
442	442	100	100	100.0	418539	PASS
443	442	15	24	19.5	81824	PASS

DDT Breakdown

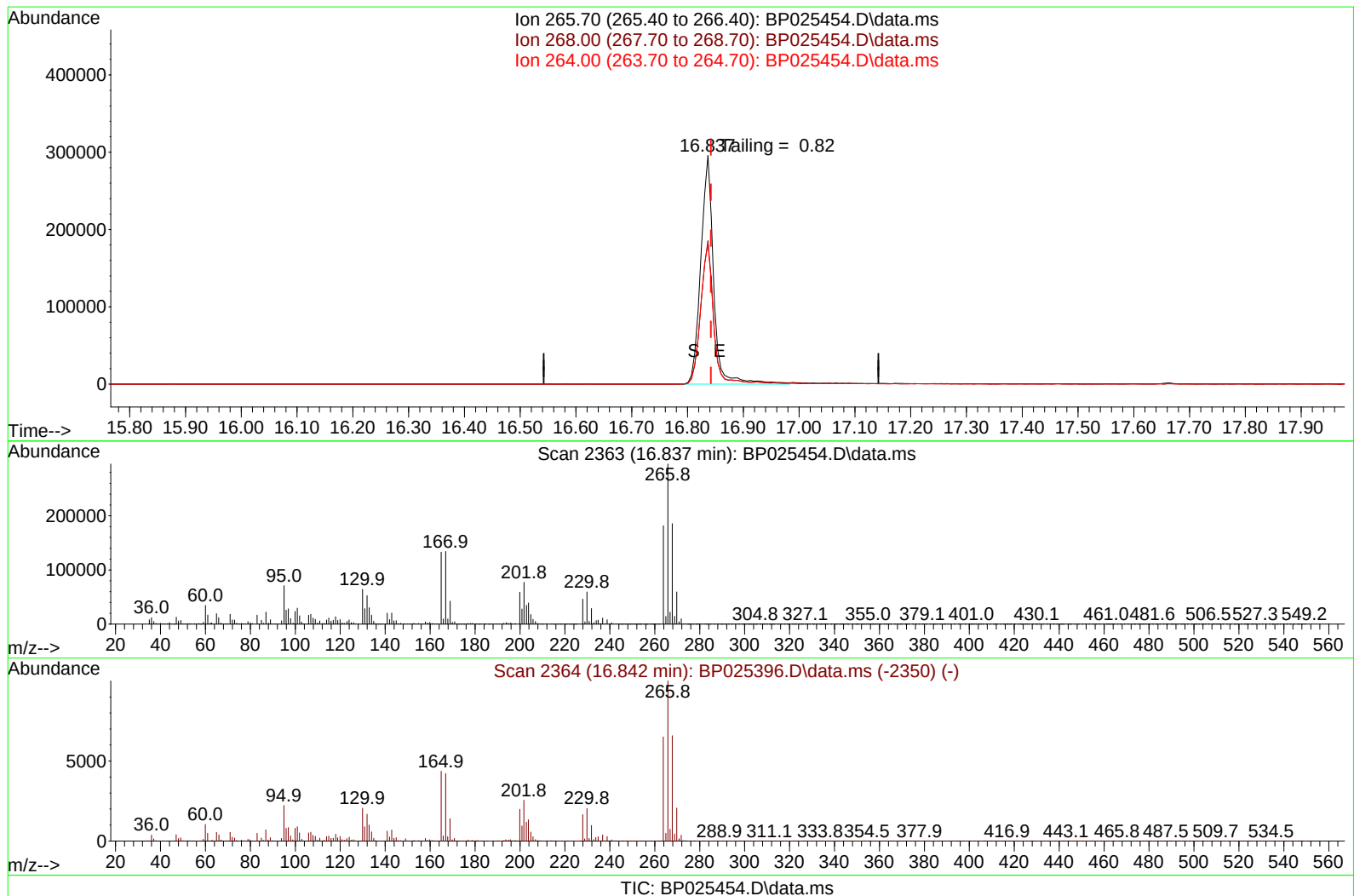
Date	Instrument Name	DFTPP Data File
8/18/2025	BNA_P	<u>BP025454.D</u>
Compound Name	Response	Retention Time
DDT	1608093	20.795
DDD	147444	20.342
DDE	16114	19.807
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
163558	1771651	9.23

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:36:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

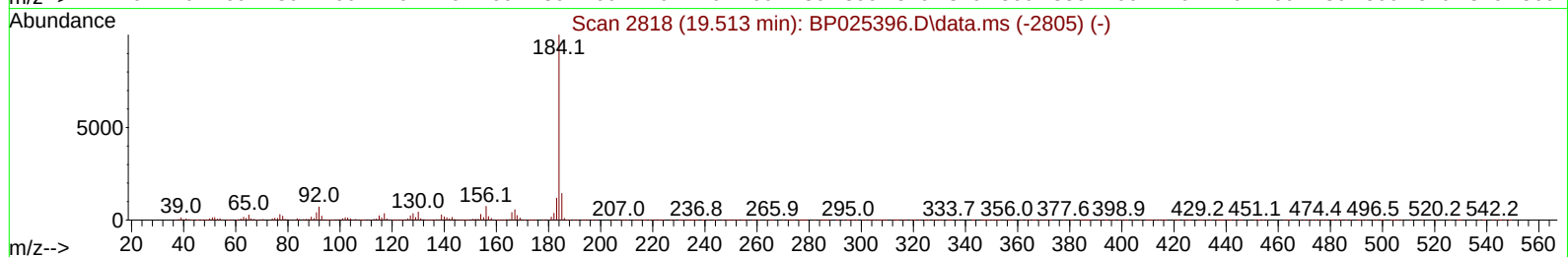
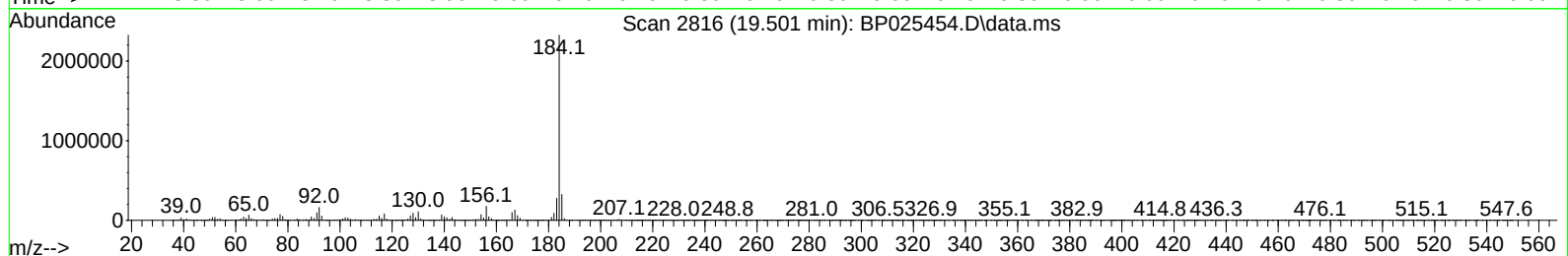
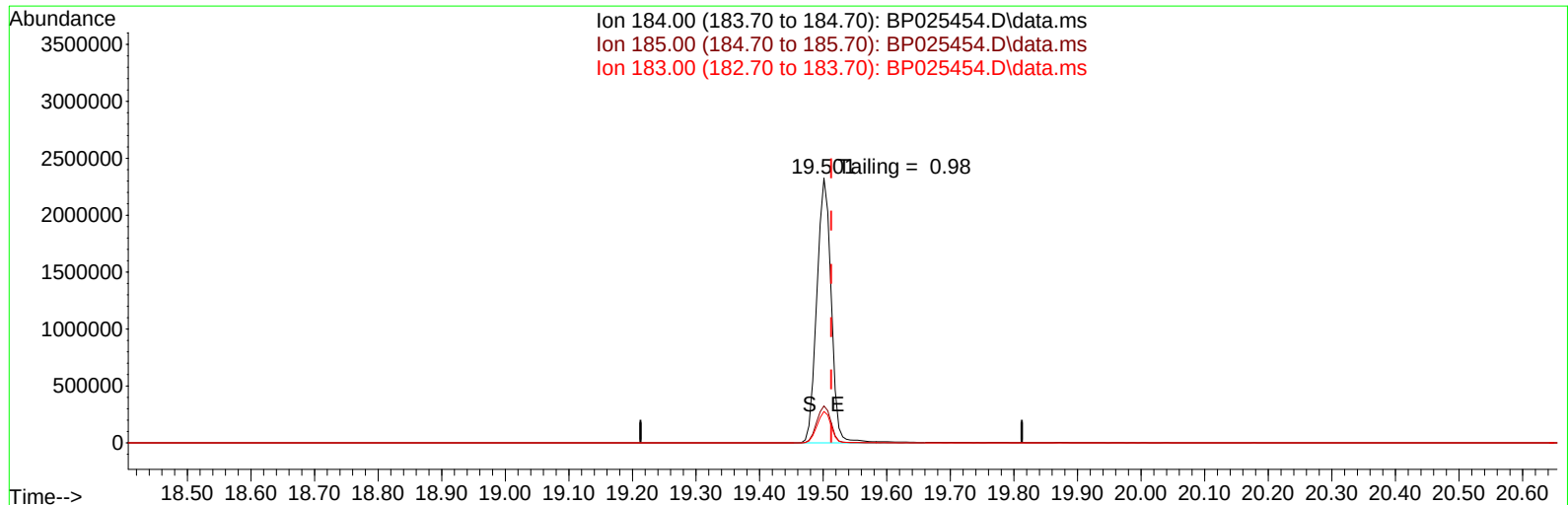
**(70) Pentachlorophenol (C)****16.837min (-0.006) 1000078.55 ng****response 474864**

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.75
264.00	65.00	61.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:36:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025454.D\data.ms

(77) Benzidine

19.501min (-0.012) 945.06 ng

response 3654054

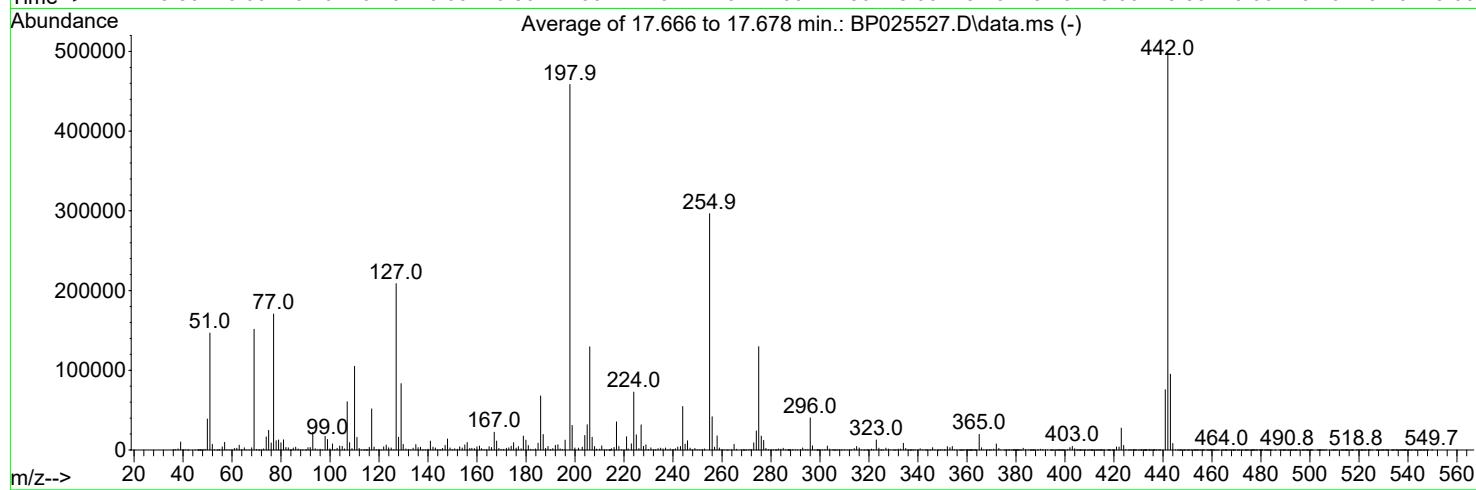
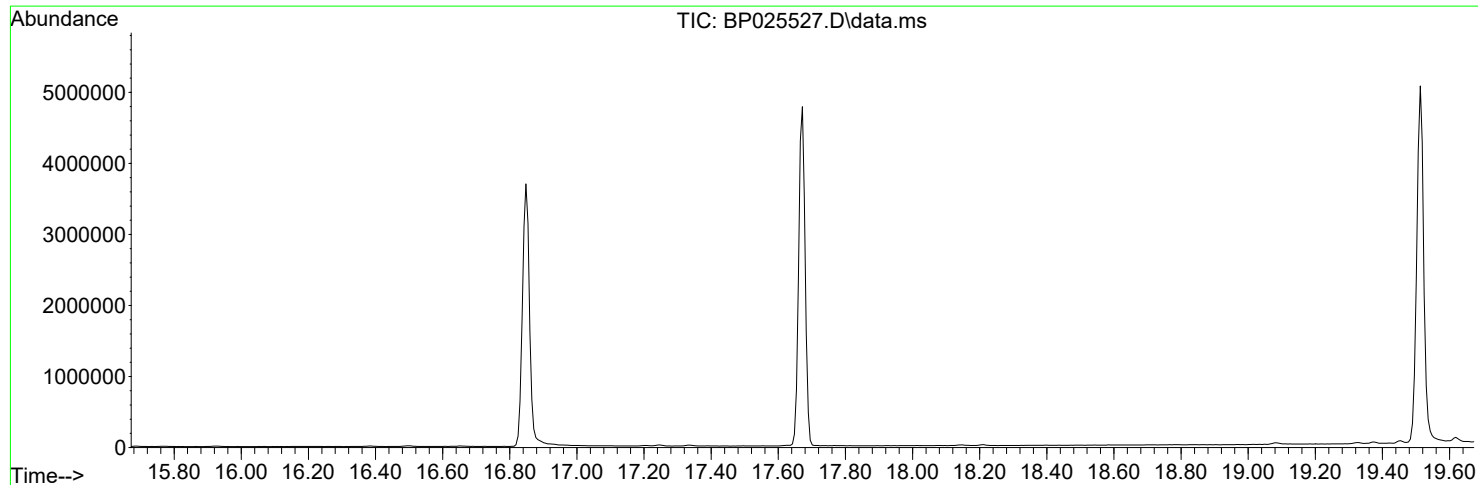
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.95
183.00	11.80	11.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025527.D
Acq On : 21 Aug 2025 06:01
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2504, 2505, 2506; Background Corrected with Scan 2495

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	2866	PASS
69	69	100	100	100.0	151600	PASS
70	69	0.00	2	0.5	829	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	458631	PASS
199	198	5	9	6.7	30834	PASS
365	198	1	100	4.3	19700	PASS
441	443	0.01	150	79.6	75722	PASS
442	442	100	100	100.0	495296	PASS
443	442	15	24	19.2	95153	PASS

DDT Breakdown

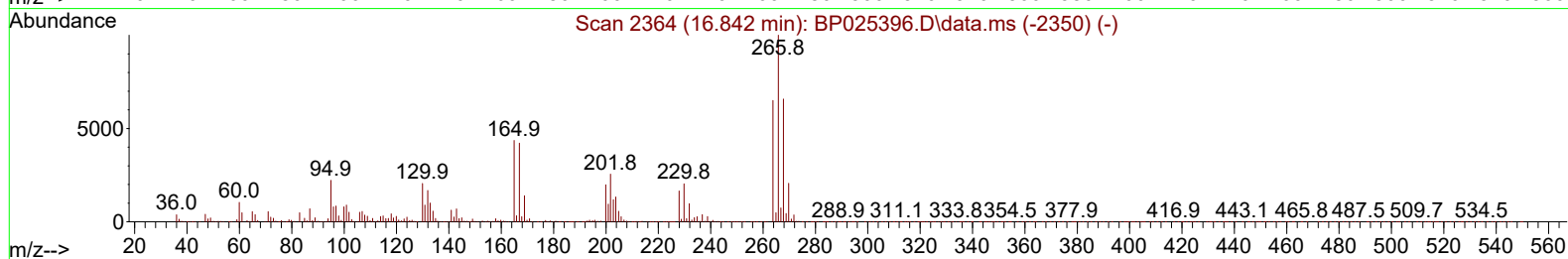
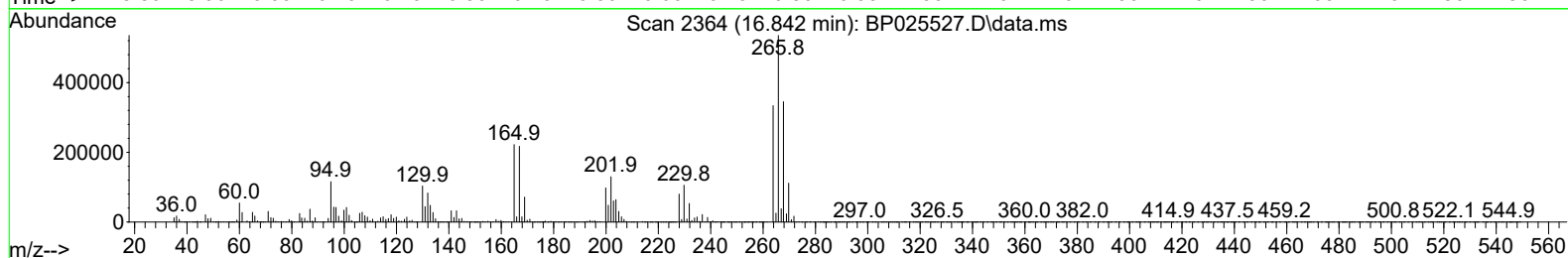
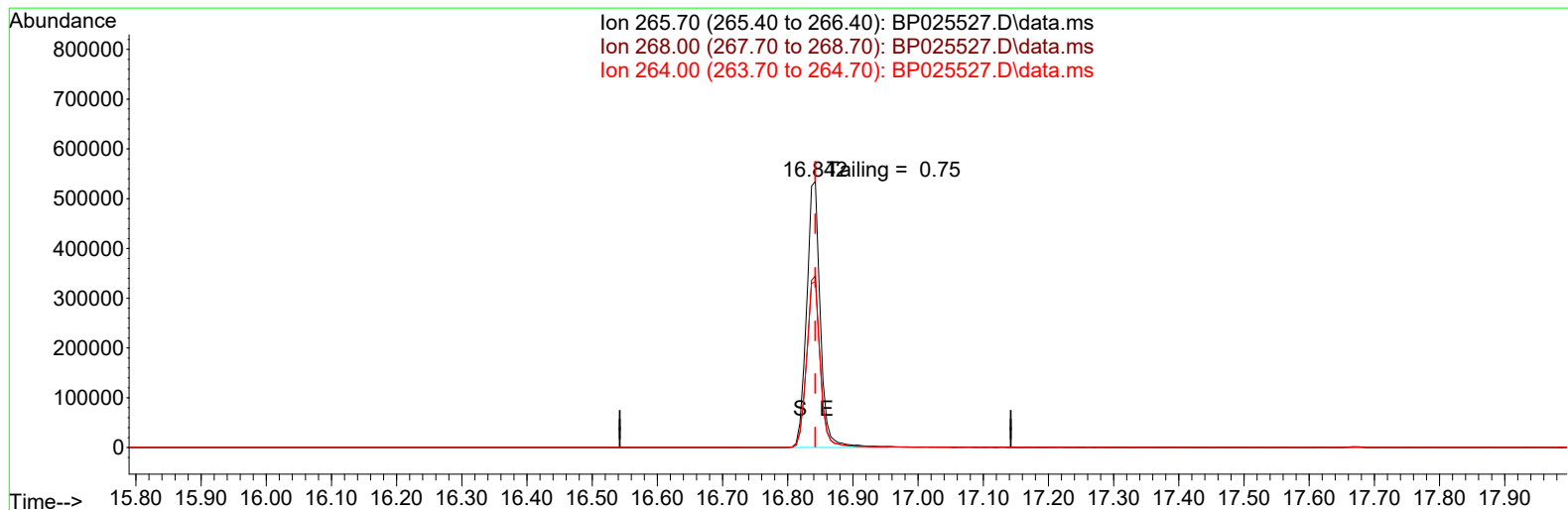
Date	Instrument Name	DFTPP Data File
8/20/2025	BNA_P	<u>BP025527.D</u>
Compound Name	Response	Retention Time
DDT	2180101	20.813
DDD	63141	20.348
DDE	5921	19.825
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
69062	2249163	3.07

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025527.D
Acq On : 21 Aug 2025 05:20
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 21 06:28:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025527.D\data.ms

(70) Pentachlorophenol (C)

16.842min (+ 0.000) 14024.53 ng

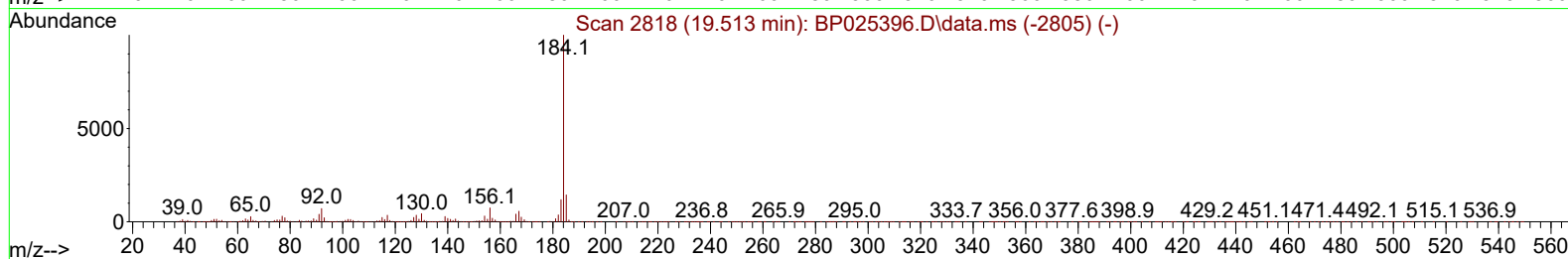
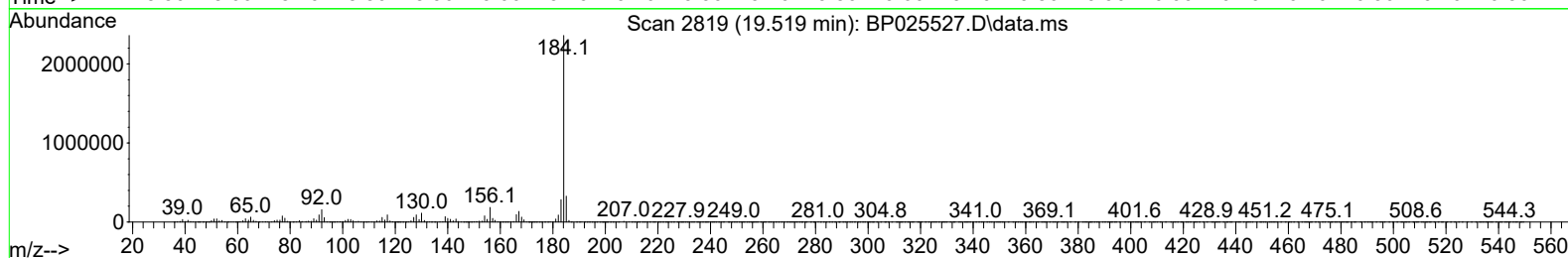
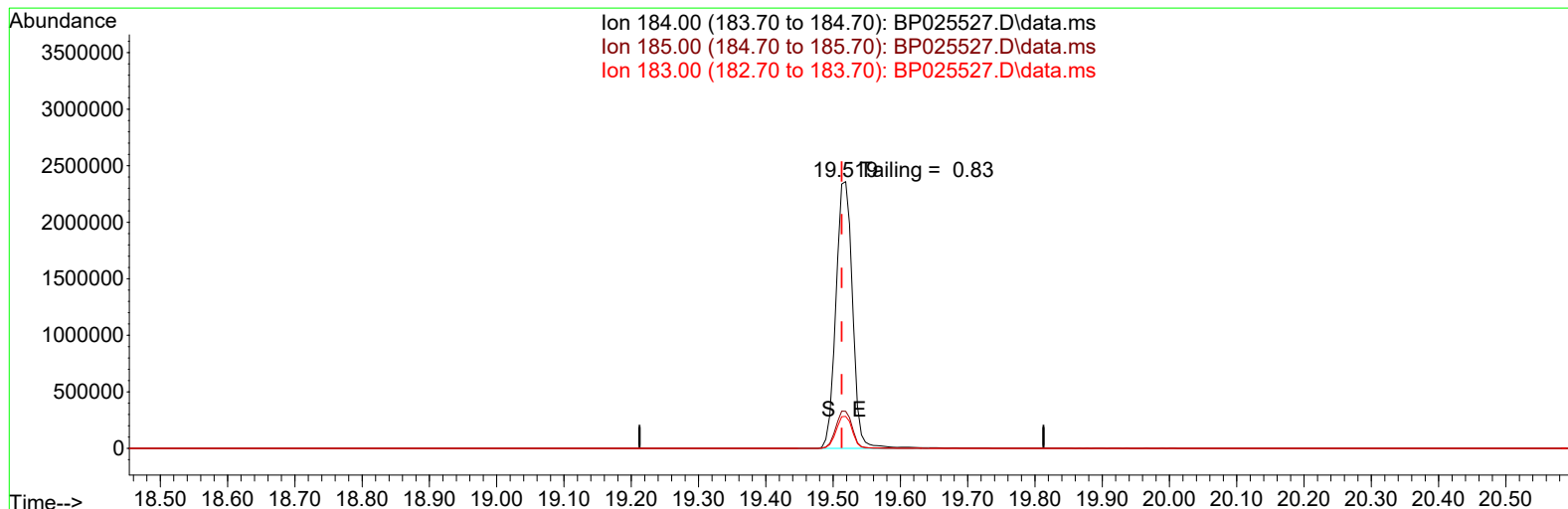
response 784998

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.48
264.00	65.00	62.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025527.D
Acq On : 21 Aug 2025 05:20
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 21 06:28:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025527.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 13689.91 ng

response 4033404

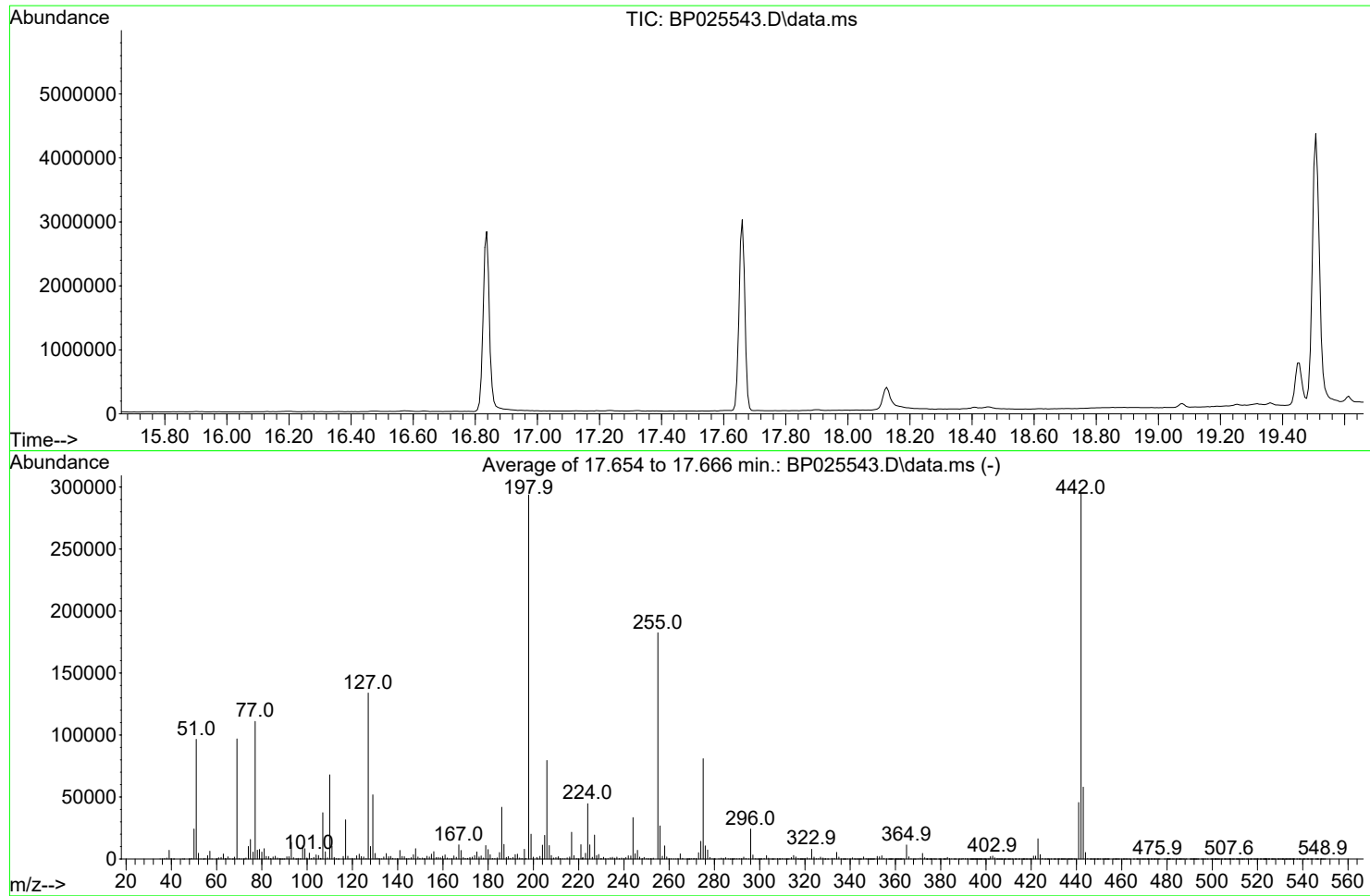
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.90
183.00	11.80	11.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	1519	PASS
69	69	100	100	100.0	96945	PASS
70	69	0.00	2	0.4	396	PASS
197	198	0.00	2	0.2	468	PASS
198	198	100	100	100.0	293657	PASS
199	198	5	9	6.8	20111	PASS
365	198	1	100	3.8	11295	PASS
441	443	0.01	150	78.6	45599	PASS
442	442	100	100	100.0	294439	PASS
443	442	15	24	19.7	58043	PASS

DDT Breakdown

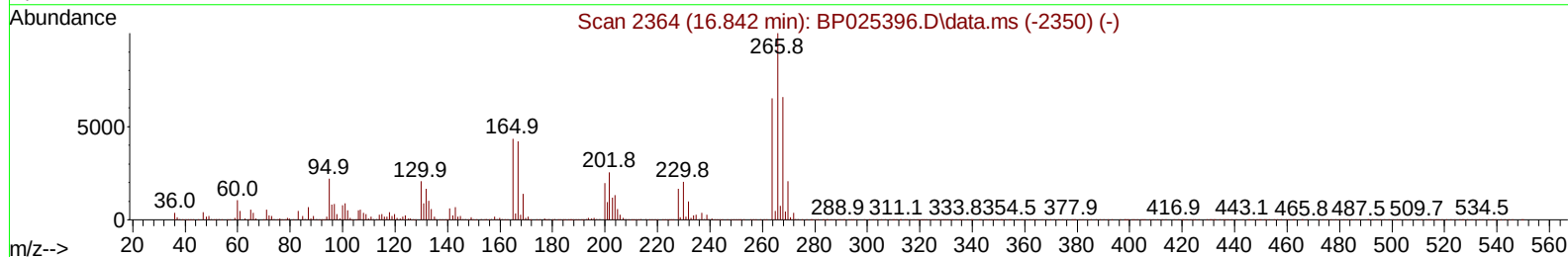
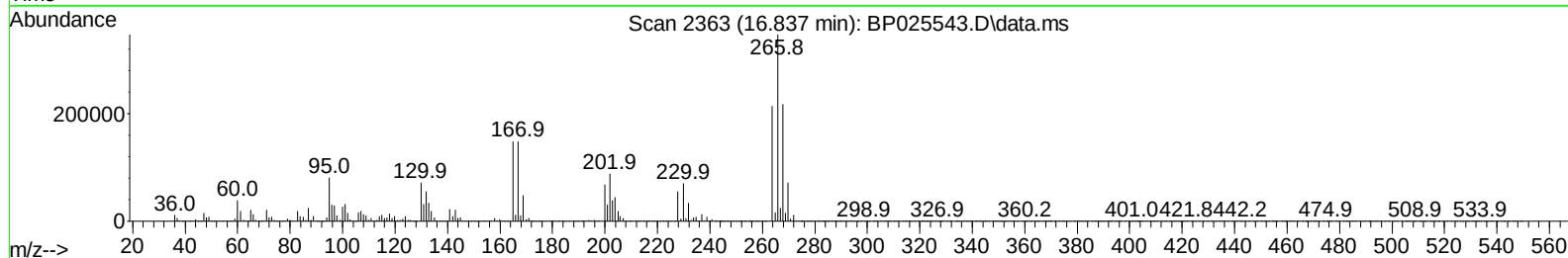
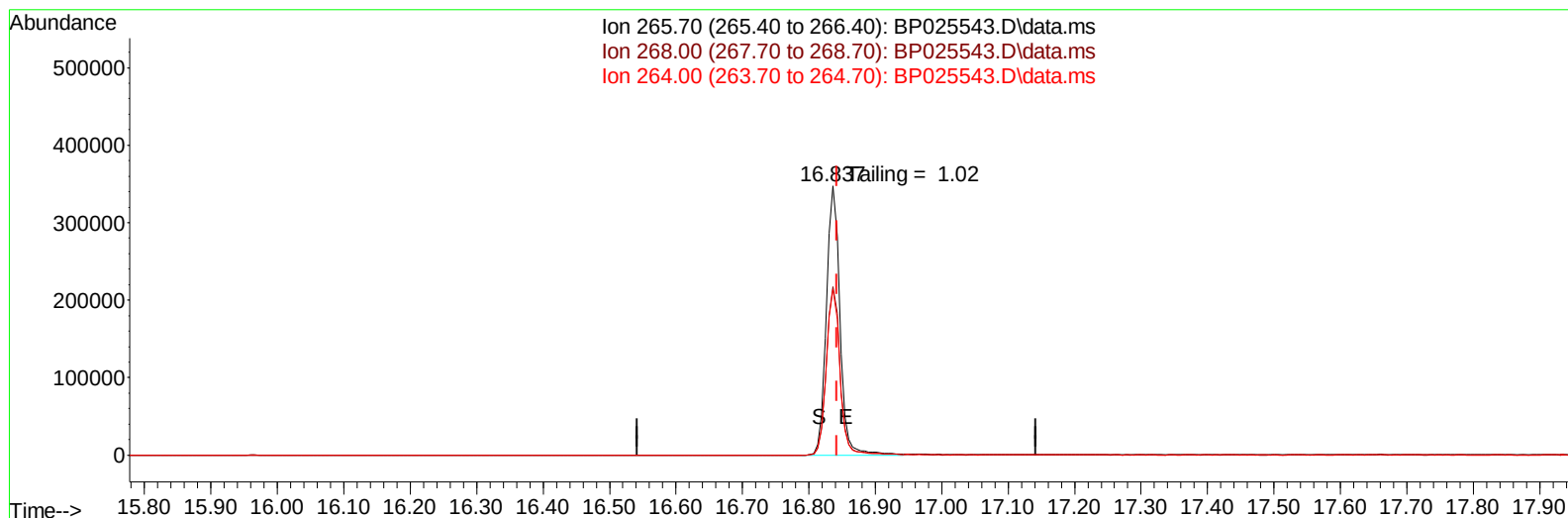
Date	Instrument Name	DFTPP Data File
8/22/2025	BNA_P	<u>BP025543.D</u>
Compound Name	Response	Retention Time
DDT	1433027	20.801
DDD	19562	20.348
DDE	2885	19.813
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
22447	1455474	1.54

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025543.D\data.ms

(70) Pentachlorophenol (C)

16.837min (-0.006) 24379.55 ng

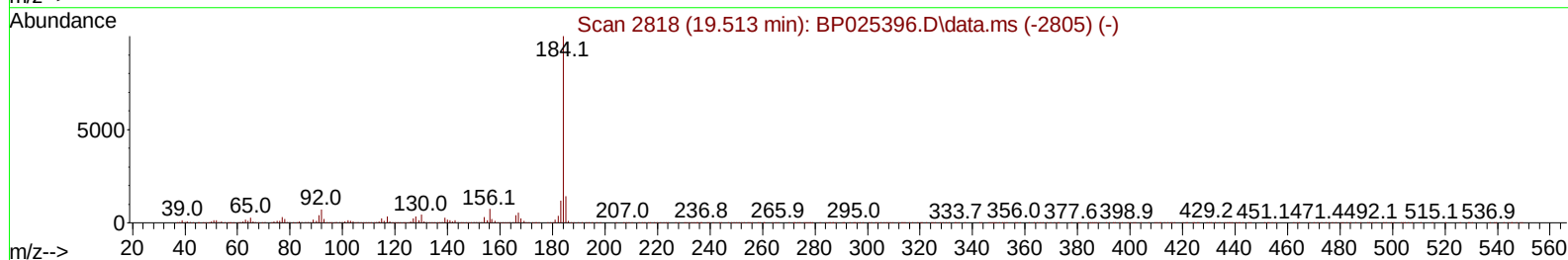
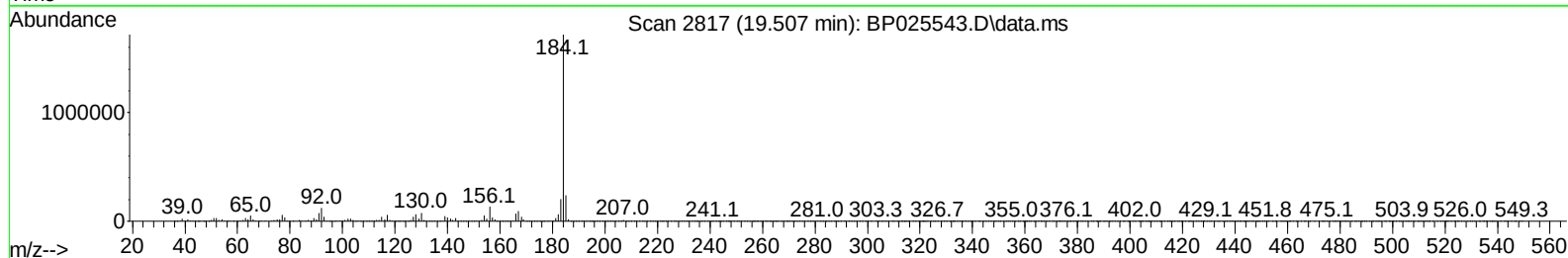
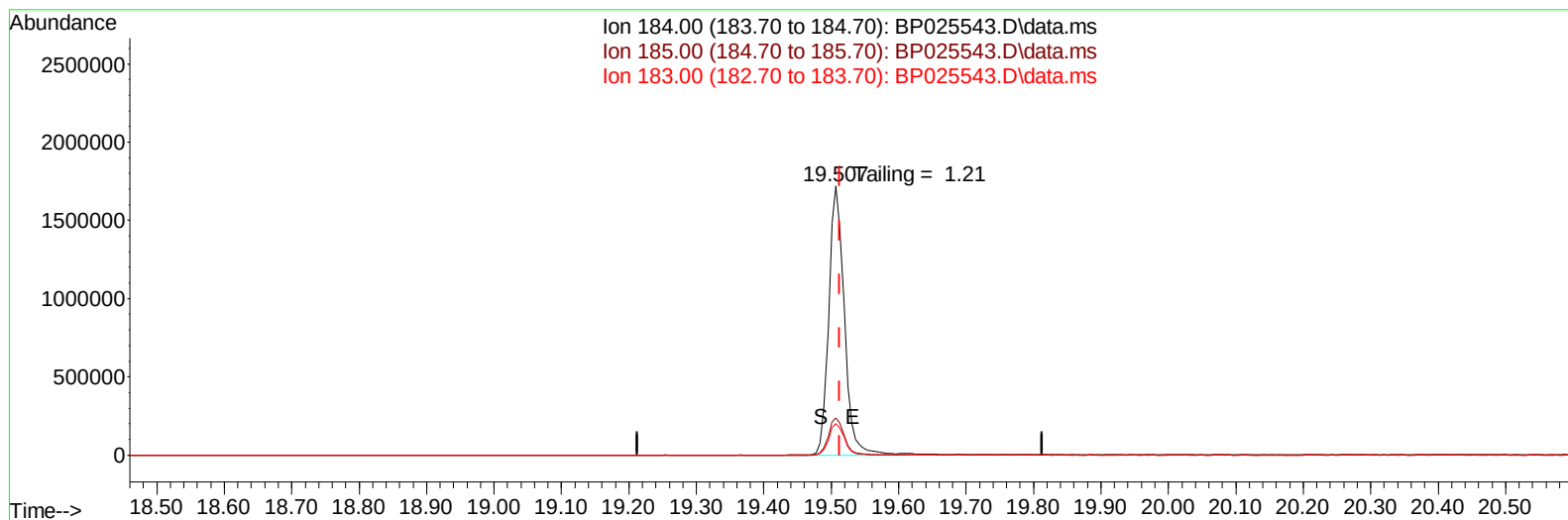
response 490511

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.65
264.00	65.00	61.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025543.D
Acq On : 22 Aug 2025 10:08
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 22 10:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025543.D\data.ms

(77) Benzidine

19.507min (-0.006) 16182.04 ng

response 2751355

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.92
183.00	11.80	11.76
0.00	0.00	0.00

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BL	SDG No.:	Q2832
Lab Sample ID:	PB169228BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025406.D	1	08/13/25 09:05	08/14/25 23:37	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BL	SDG No.:	Q2832
Lab Sample ID:	PB169228BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025406.D	1	08/13/25 09:05	08/14/25 23:37	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BL	SDG No.:	Q2832
Lab Sample ID:	PB169228BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025406.D	1	08/13/25 09:05	08/14/25 23:37	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	124		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	118		30 (15) - 130 (107)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.2		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.0		30 (20) - 130 (109)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		30 (10) - 130 (116)	83%	SPK: 150
1718-51-0	Terphenyl-d14	73.2		30 (10) - 130 (105)	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	151000	7.79
1146-65-2	Naphthalene-d8	580000	10.554
15067-26-2	Acenaphthene-d10	376000	14.401
1517-22-2	Phenanthrene-d10	766000	17.201
1719-03-5	Chrysene-d12	918000	21.642
1520-96-3	Perylene-d12	1040000	25.018

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A		4.95	ug/Kg
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BL	SDG No.:	Q2832
Lab Sample ID:	PB169228BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025406.D	1	08/13/25 09:05	08/14/25 23:37	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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_P\Data\BP081425\
Data File : BP025406.D
Acq On : 14 Aug 2025 23:37
Operator : CG/JU
Sample : PB169228BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169228BL

Quant Time: Aug 15 01:38:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	151255	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	580467	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	375906	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	766364	20.000	ng	0.00
76) Chrysene-d12	21.642	240	917581	20.000	ng	0.00
86) Perylene-d12	25.018	264	1039281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1126243	123.655	ng	0.00
7) Phenol-d6	6.972	99	1380582	118.230	ng	0.00
23) Nitrobenzene-d5	8.931	82	874228	76.186	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	628097	124.137	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2062528	74.987	ng	0.00
79) Terphenyl-d14	19.913	244	3671345	73.203	ng	0.00

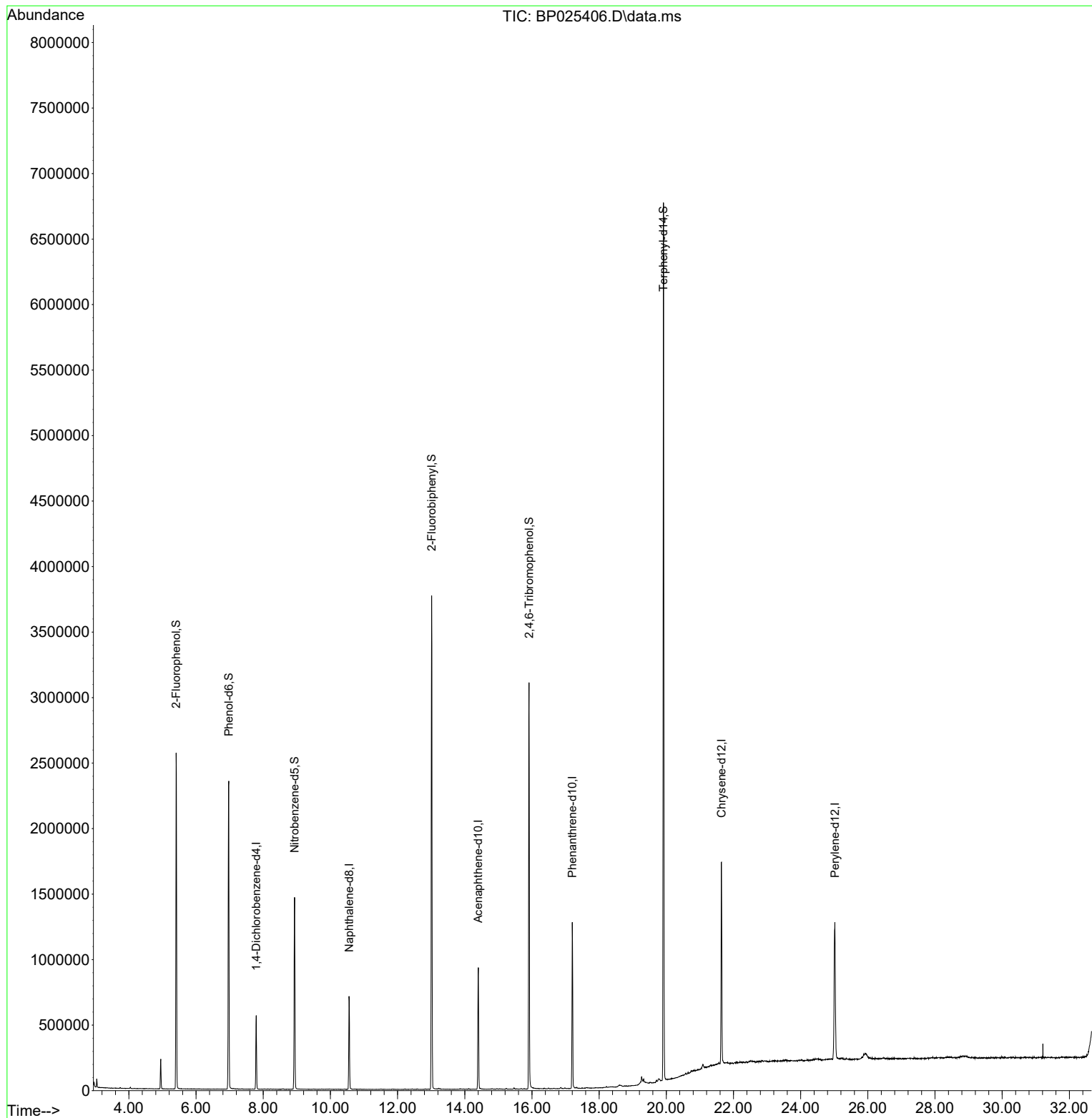
Target Compounds	Qvalue

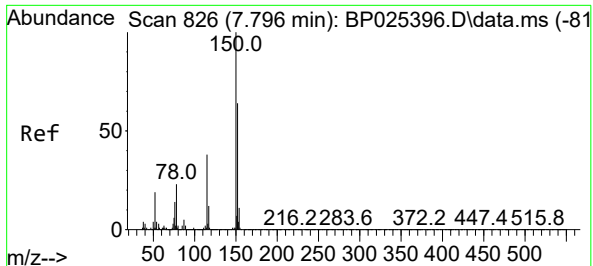
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025406.D
Acq On : 14 Aug 2025 23:37
Operator : CG/JU
Sample : PB169228BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169228BL

Quant Time: Aug 15 01:38:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

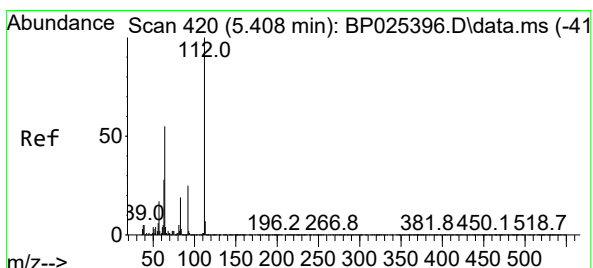
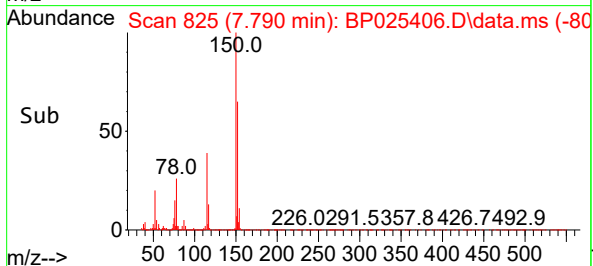
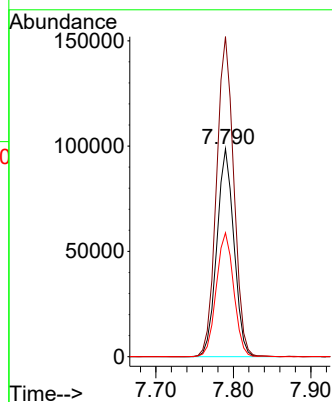
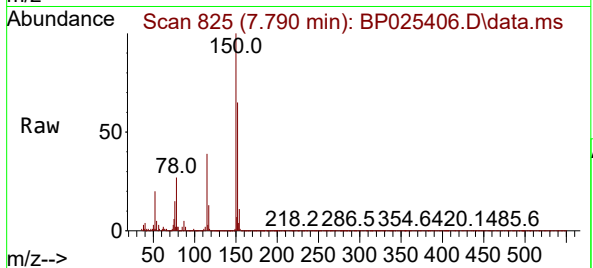




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

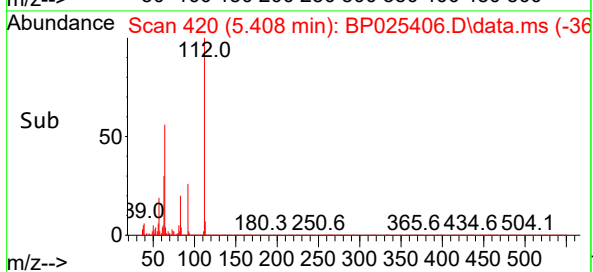
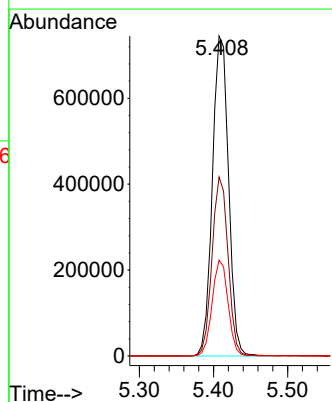
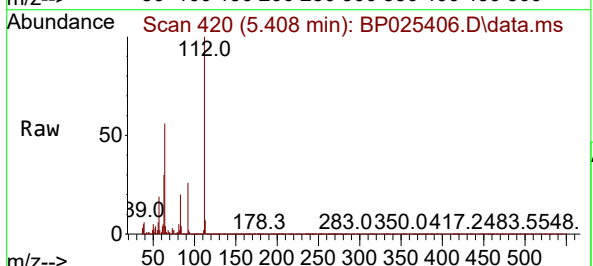
Instrument :
BNA_P
ClientSampleId :
PB169228BL

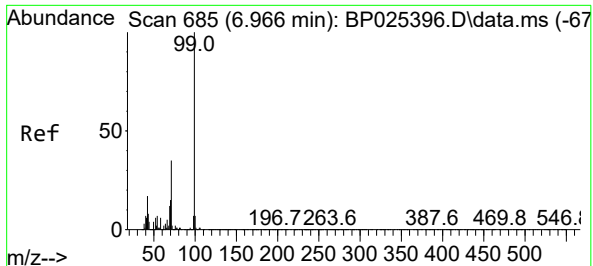
Tgt Ion:152 Resp: 151255
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 123.655 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion:112 Resp: 1126243
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 29.9 22.7 34.1

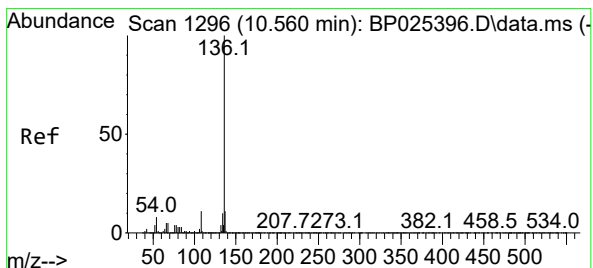
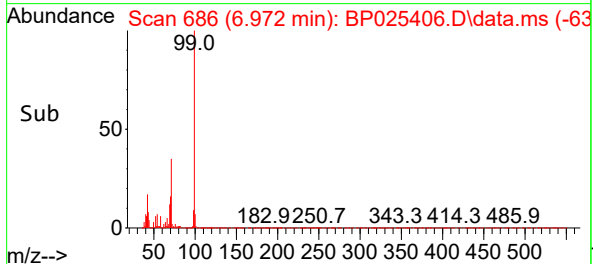
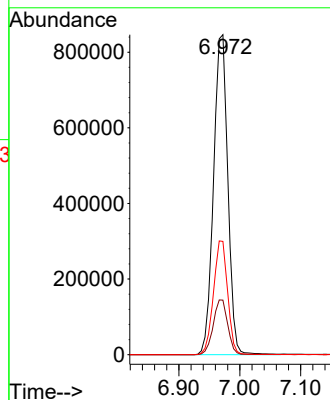
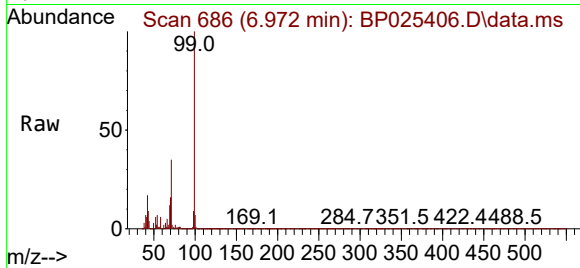




#7
Phenol-d6
Concen: 118.230 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

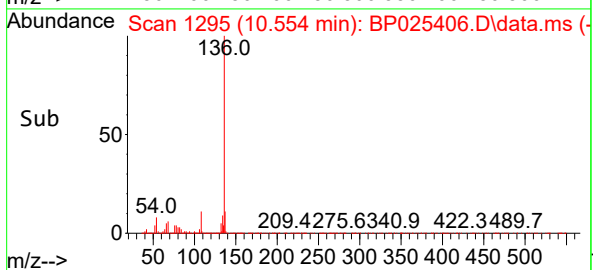
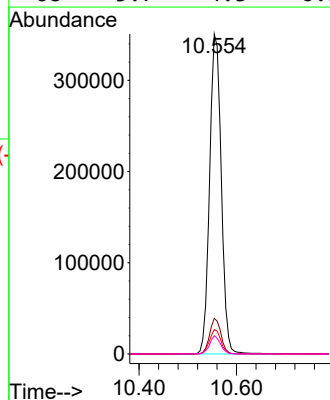
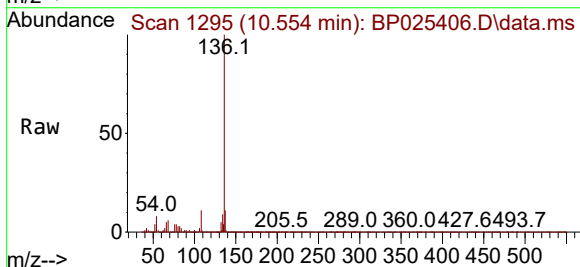
Instrument :
BNA_P
ClientSampleId :
PB169228BL

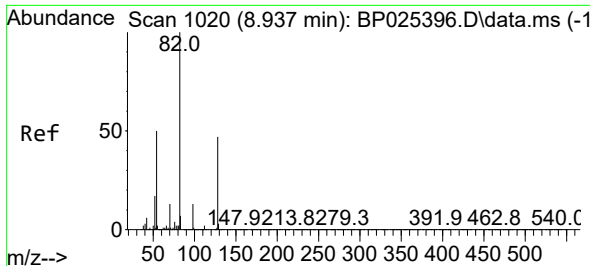
Tgt Ion: 99 Resp: 1380582
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion: 136 Resp: 580467
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.6 6.0 9.0
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 76.186 ng

RT: 8.931 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP025406.D

Acq: 14 Aug 2025 23:37

Instrument :

BNA_P

ClientSampleId :

PB169228BL

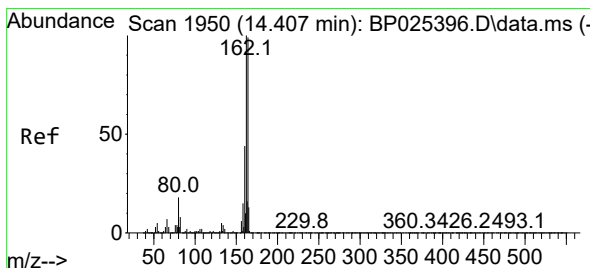
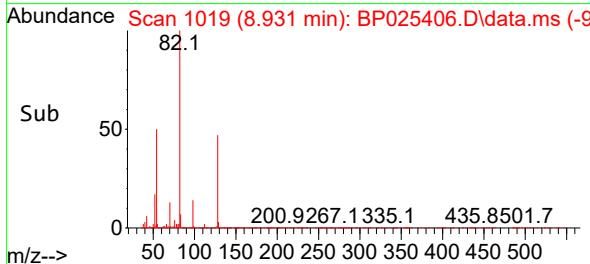
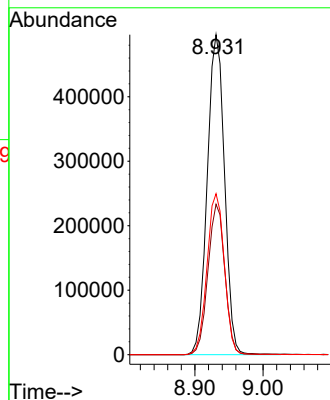
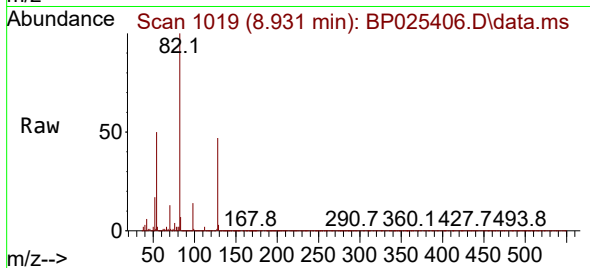
Tgt Ion: 82 Resp: 874228

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 50.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025406.D

Acq: 14 Aug 2025 23:37

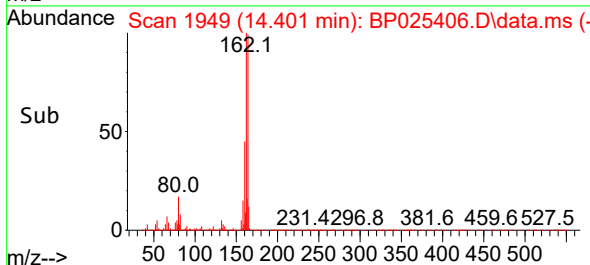
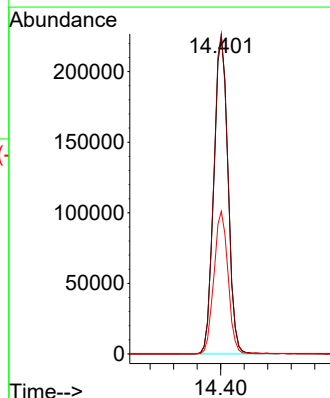
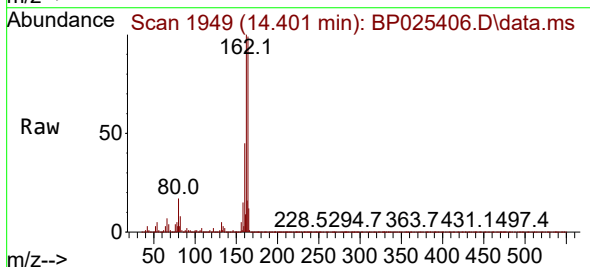
Tgt Ion: 164 Resp: 375906

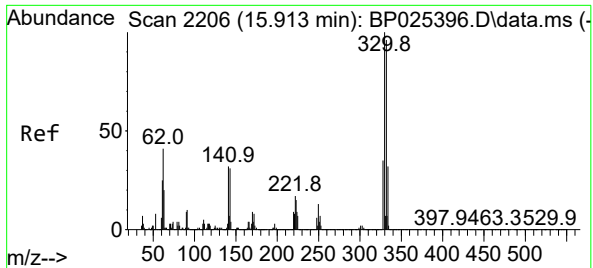
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

160 45.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 124.137 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025406.D

Acq: 14 Aug 2025 23:37

Instrument :

BNA_P

ClientSampleId :

PB169228BL

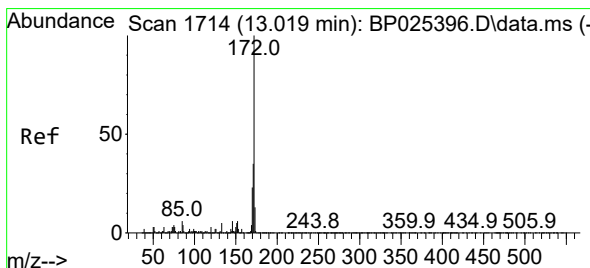
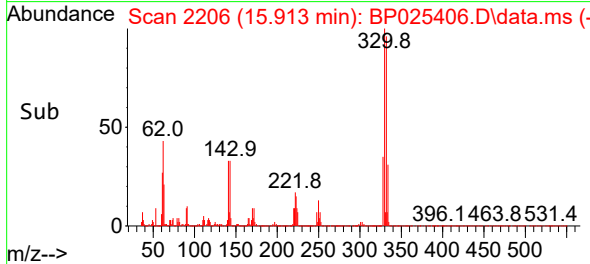
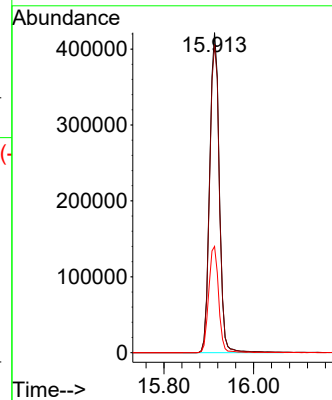
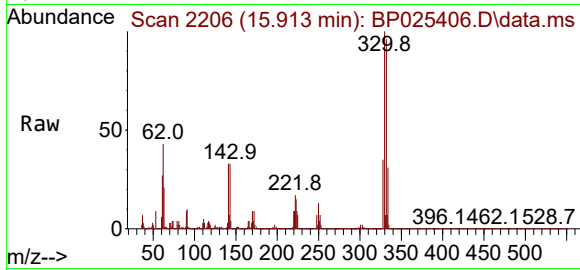
Tgt Ion:330 Resp: 628097

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 34.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.987 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025406.D

Acq: 14 Aug 2025 23:37

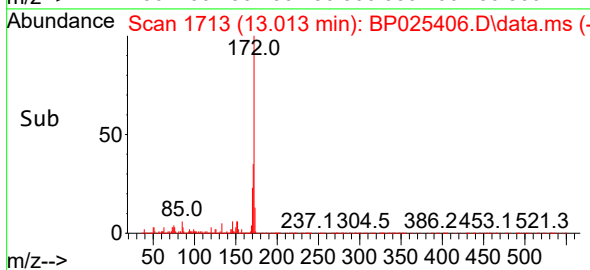
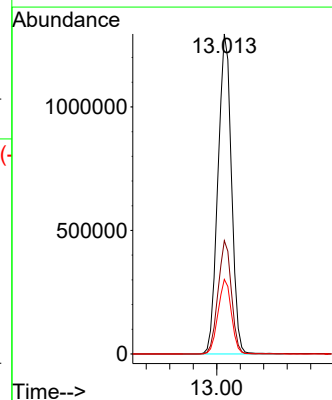
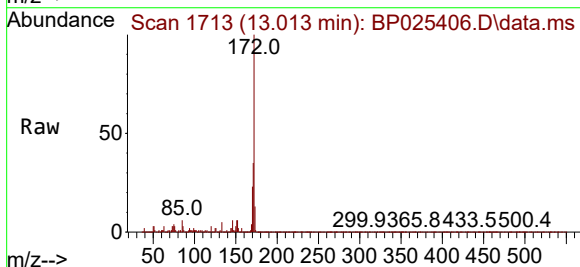
Tgt Ion:172 Resp: 2062528

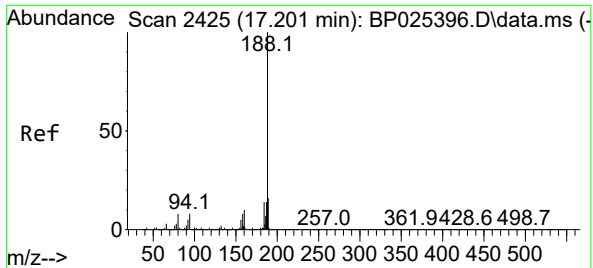
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.3 18.6 28.0

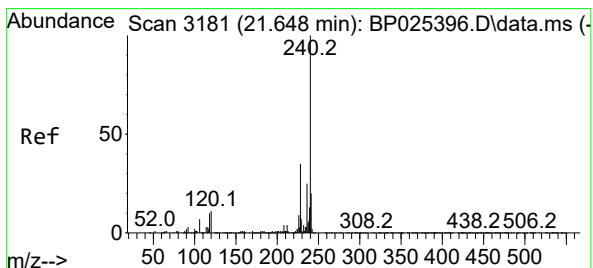
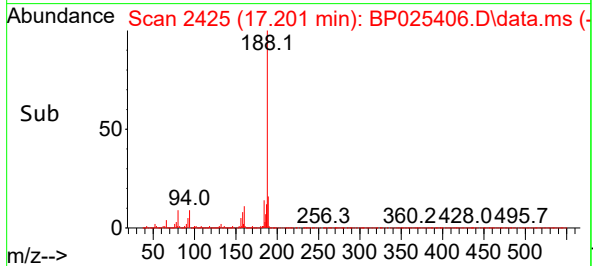
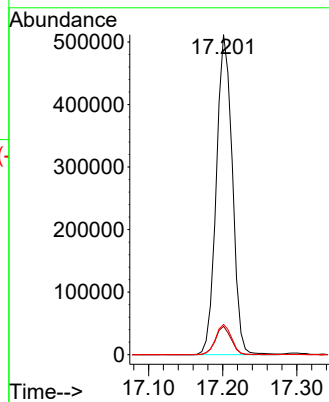
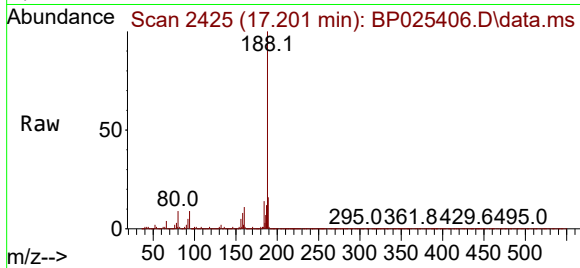




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

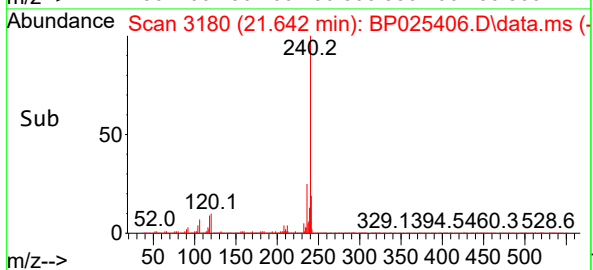
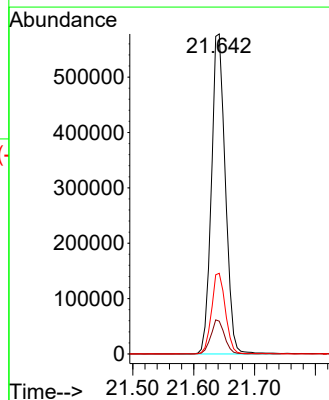
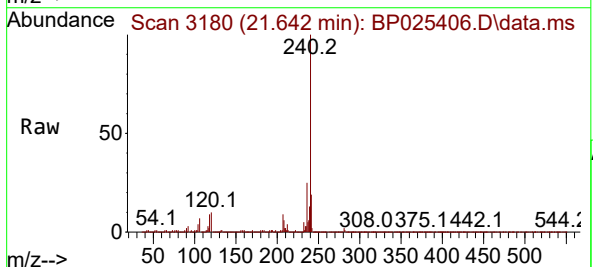
Instrument :
BNA_P
ClientSampleId :
PB169228BL

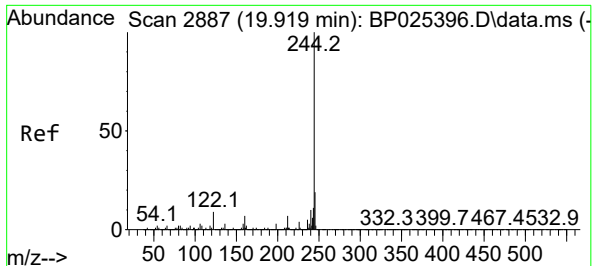
Tgt Ion:188 Resp: 766364
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025406.D
Acq: 14 Aug 2025 23:37

Tgt Ion:240 Resp: 917581
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.2 19.8 29.8

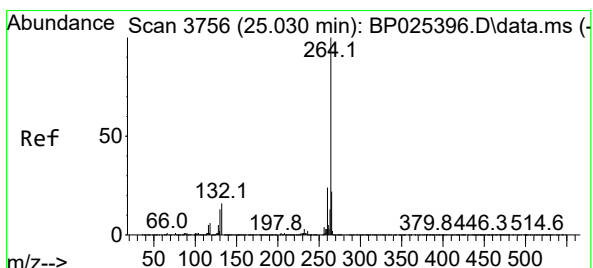
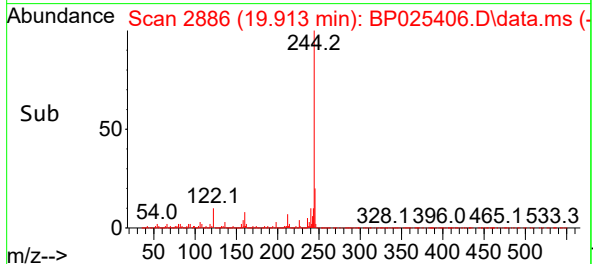
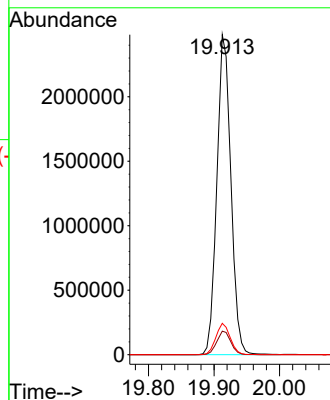
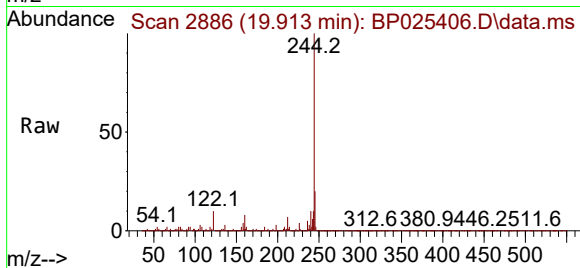




#79
 Terphenyl-d14
 Concen: 73.203 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

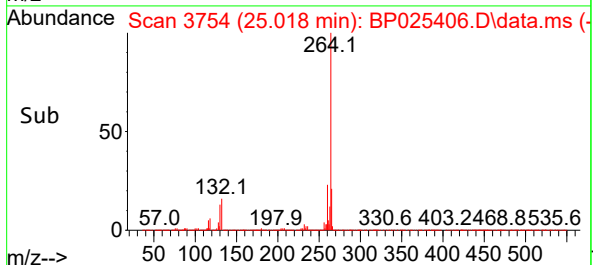
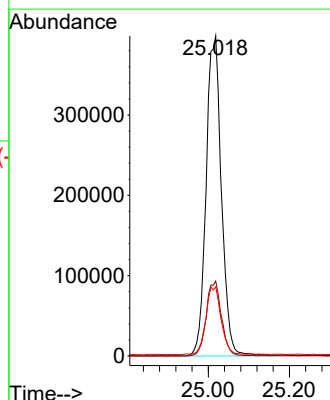
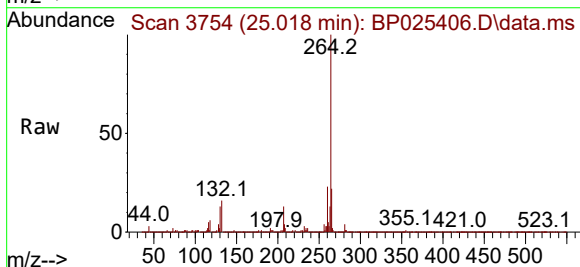
Instrument :
 BNA_P
 ClientSampleId :
 PB169228BL

Tgt Ion:244 Resp: 3671345
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.8 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025406.D
 Acq: 14 Aug 2025 23:37

Tgt Ion:264 Resp: 1039281
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.6 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025406.D
 Acq On : 14 Aug 2025 23:37
 Operator : CG/JU
 Sample : PB169228BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BL

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.949	336	342	349	rBV	226714	318411	3.20%	0.759%
2	5.408	413	420	431	rBV	2564528	3841230	38.62%	9.154%
3	6.972	677	686	695	rBV	2351007	3865235	38.86%	9.211%
4	7.790	817	825	834	rBV	562351	877817	8.82%	2.092%
5	8.931	1011	1019	1035	rBV	1463783	2588438	26.02%	6.169%
6	10.554	1286	1295	1312	rBV	710009	1175812	11.82%	2.802%
7	13.013	1704	1713	1729	rBV	3768883	5975830	60.07%	14.241%
8	14.401	1942	1949	1957	rBV	928824	1569054	15.77%	3.739%
9	15.913	2199	2206	2224	rBV	3102476	4715170	47.40%	11.237%
10	17.201	2416	2425	2438	rBV2	1269901	1938365	19.49%	4.619%
11	19.913	2880	2886	2900	rBV	6699452	9947409	100.00%	23.706%
12	21.642	3174	3180	3193	rVB2	1533044	2480300	24.93%	5.911%
13	25.018	3745	3754	3768	rVB	1039128	2667911	26.82%	6.358%

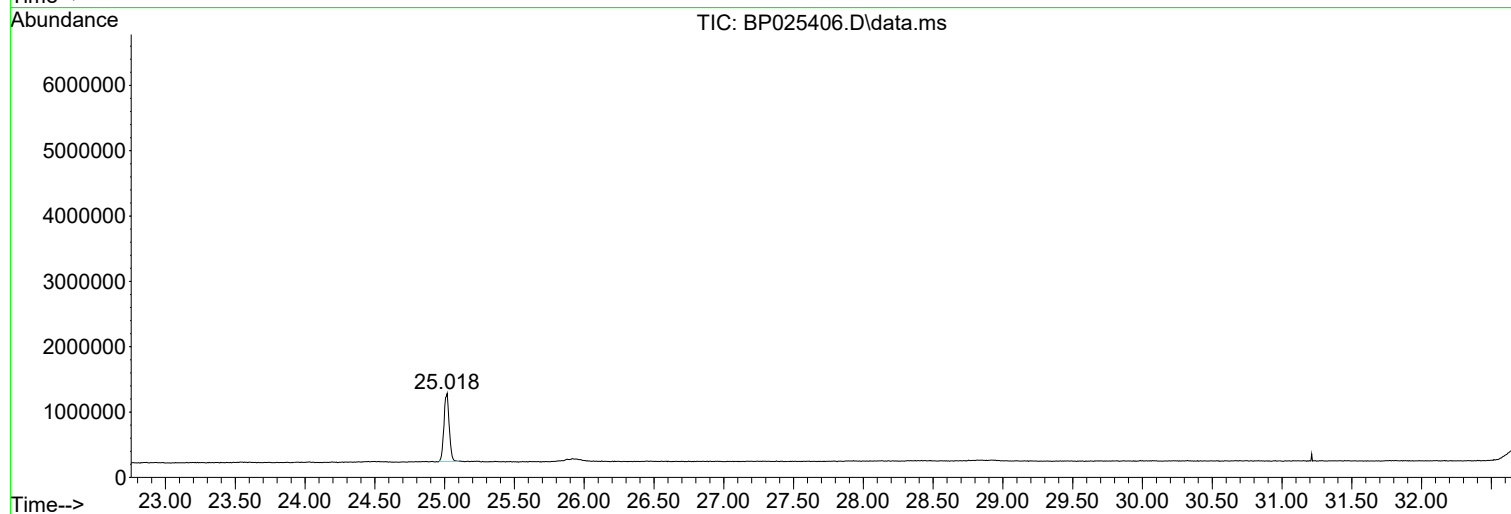
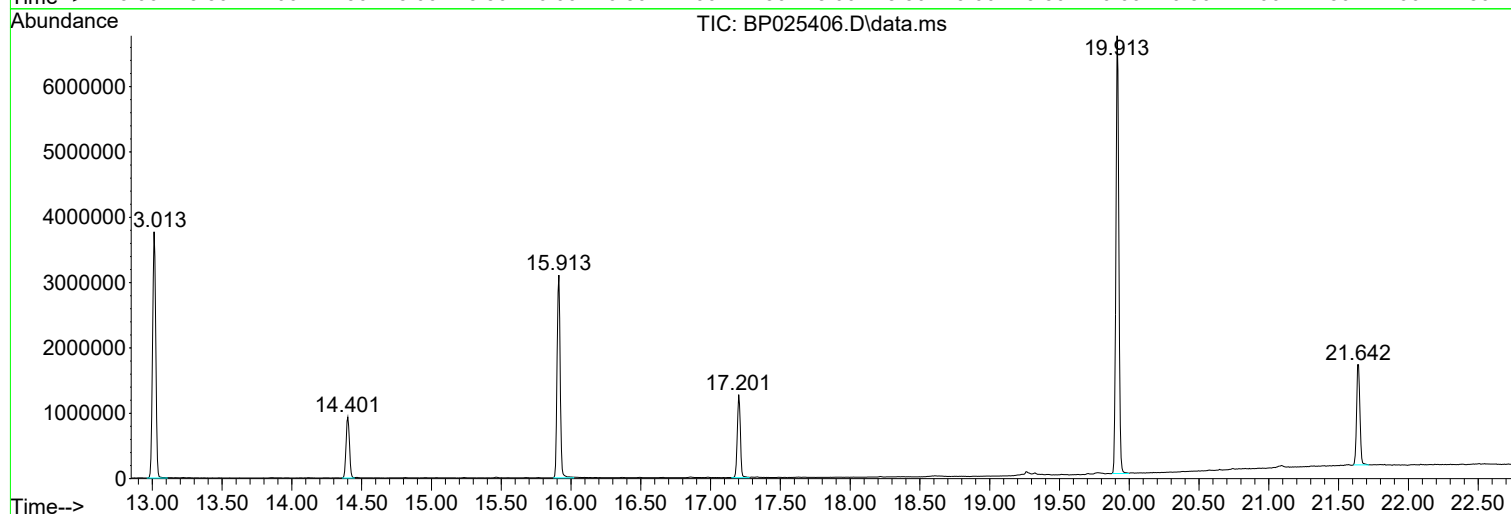
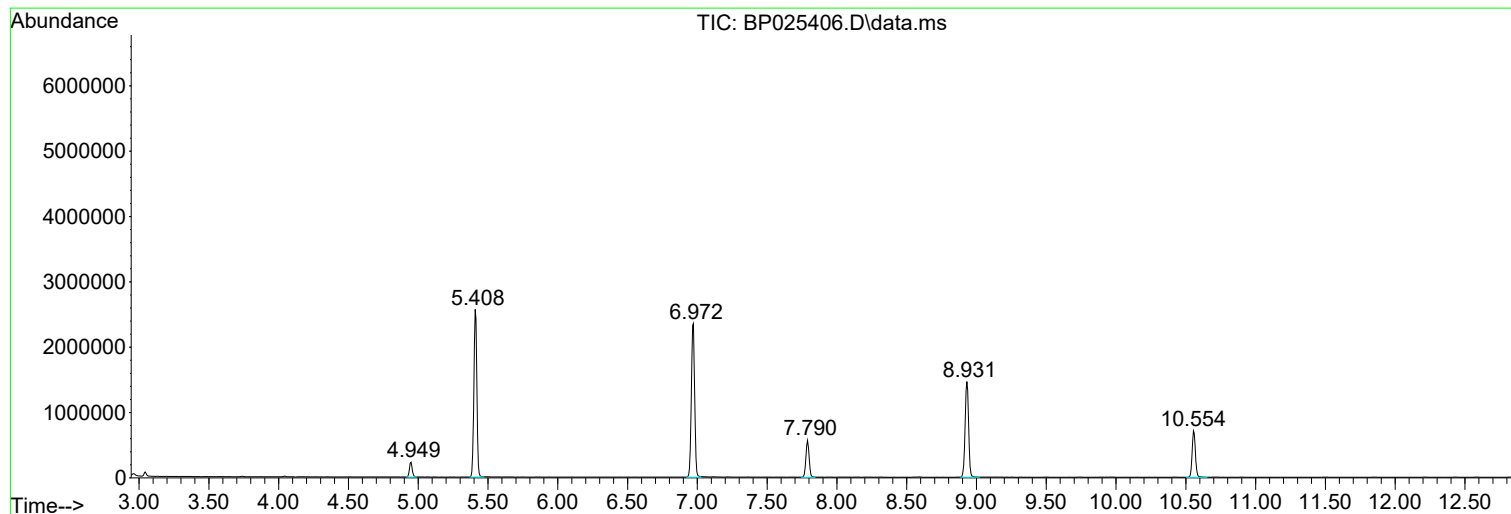
Sum of corrected areas: 41960982

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025406.D
Acq On : 14 Aug 2025 23:37
Operator : CG/JU
Sample : PB169228BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169228BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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_P\Data\BP081425\
Data File : BP025406.D
Acq On : 14 Aug 2025 23:37
Operator : CG/JU
Sample : PB169228BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169228BL

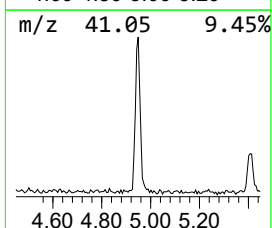
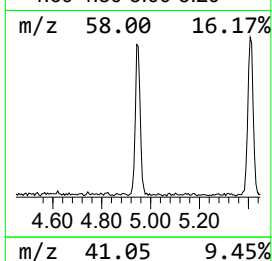
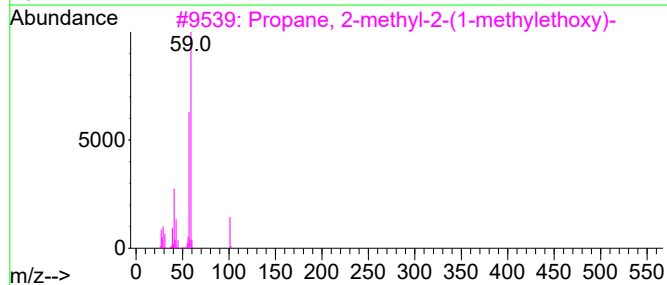
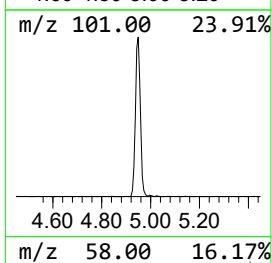
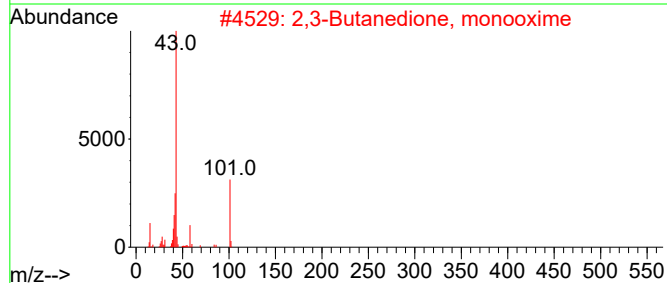
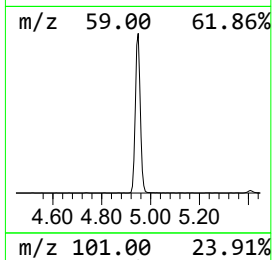
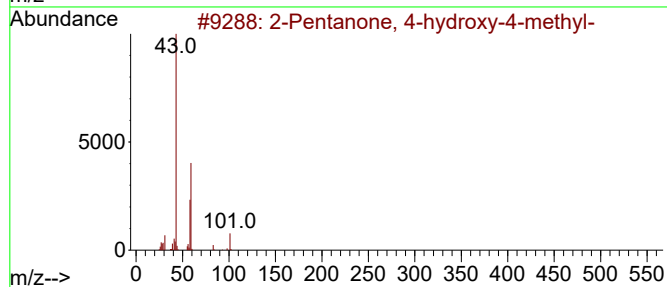
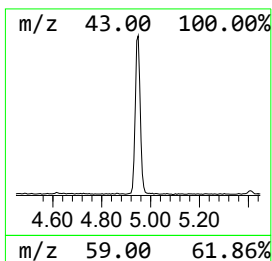
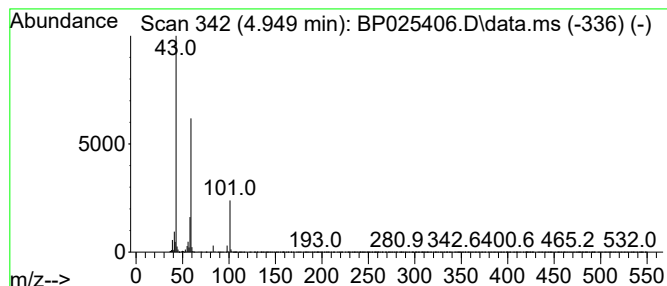
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	7.25 ng	318411	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025406.D
Acq On : 14 Aug 2025 23:37
Operator : CG/JU
Sample : PB169228BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169228BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.949	7.3	ng	318411	1	7.790	877817	20.0

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BS	SDG No.:	Q2832
Lab Sample ID:	PB169228BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025407.D	1	08/13/25 09:05	08/15/25 00:18	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	890		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1100		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BS	SDG No.:	Q2832
Lab Sample ID:	PB169228BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025407.D	1	08/13/25 09:05	08/15/25 00:18	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169228BS	SDG No.:	Q2832
Lab Sample ID:	PB169228BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025407.D	1	08/13/25 09:05	08/15/25 00:18	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	125		30 (18) - 130 (112)	84%	SPK: 150
13127-88-3	Phenol-d6	126		30 (15) - 130 (107)	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.0		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.2		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		30 (10) - 130 (116)	85%	SPK: 150
1718-51-0	Terphenyl-d14	77.4		30 (10) - 130 (105)	77%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	147000	7.79
1146-65-2	Naphthalene-d8	607000	10.554
15067-26-2	Acenaphthene-d10	410000	14.401
1517-22-2	Phenanthrene-d10	839000	17.189
1719-03-5	Chrysene-d12	849000	21.642
1520-96-3	Perylene-d12	946000	25.018

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_P\Data\BP081425\
 Data File : BP025407.D
 Acq On : 15 Aug 2025 00:18
 Operator : CG/JU
 Sample : PB169228BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut
 Upadhyay
 08/15/2025

Quant Time: Aug 15 01:38:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	147030	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	606682	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	410001	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	838541	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	848930	20.000	ng	0.00
86) Perylene-d12	25.018	264	946447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1110154	125.391	ng	0.00
7) Phenol-d6	6.972	99	1425501	125.584	ng	0.00
23) Nitrobenzene-d5	8.931	82	911194	75.976	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	707616	128.223	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2196374	73.213	ng	0.00
79) Terphenyl-d14	19.919	244	3590153	77.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	130883	37.741	ng	99
3) Pyridine	3.731	79	324920	34.231	ng	98
4) n-Nitrosodimethylamine	3.637	42	165173	42.209	ng	100
6) Aniline	7.125	93	571326	37.357	ng	99
8) 2-Chlorophenol	7.366	128	455193	45.561	ng	99
9) Benzaldehyde	6.937	77	212043	26.663	ng	97
10) Phenol	6.996	94	551928	46.339	ng	97
11) bis(2-Chloroethyl)ether	7.219	93	390018	42.012	ng	98
12) 1,3-Dichlorobenzene	7.684	146	460503	41.801	ng	99
13) 1,4-Dichlorobenzene	7.825	146	466980	41.472	ng	99
14) 1,2-Dichlorobenzene	8.137	146	456253	41.859	ng	98
15) Benzyl Alcohol	8.025	79	401073	44.470	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.307	45	511027	41.092	ng	100
17) 2-Methylphenol	8.225	107	386767	46.755	ng	100
18) Hexachloroethane	8.860	117	171481	41.420	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	312622	41.580	ng	98
20) 3+4-Methylphenols	8.549	107	528303	46.073	ng	97
22) Acetophenone	8.596	105	658466	43.279	ng	# 98
24) Nitrobenzene	8.972	77	468149	43.677	ng	99
25) Isophorone	9.496	82	915580	43.137	ng	99
26) 2-Nitrophenol	9.672	139	240132	43.654	ng	97
27) 2,4-Dimethylphenol	9.737	122	448325	47.393	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	546870	42.624	ng	98
29) 2,4-Dichlorophenol	10.207	162	449262	47.808	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	440470	42.758	ng	98
31) Naphthalene	10.607	128	1361279	43.171	ng	99
32) Benzoic acid	9.884	122	336308	48.155	ng	98
33) 4-Chloroaniline	10.707	127	445208	31.964	ng	99
34) Hexachlorobutadiene	10.896	225	272205	42.429	ng	98
35) Caprolactam	11.490	113	162024	47.021	ng	95
36) 4-Chloro-3-methylphenol	11.831	107	511279	47.415	ng	99
37) 2-Methylnaphthalene	12.213	142	895593	43.644	ng	100
38) 1-Methylnaphthalene	12.431	142	932869	42.748	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	506460	42.771	ng	98
41) Hexachlorocyclopentadiene	12.566	237	673801	94.204	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	371415	46.461	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025407.D
 Acq On : 15 Aug 2025 00:18
 Operator : CG/JU
 Sample : PB169228BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut
 Upadhyay
 08/15/2025

Quant Time: Aug 15 01:38:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	416860	47.579	ng	97
46) 1,1'-Biphenyl	13.225	154	1304149	43.798	ng	100
47) 2-Chloronaphthalene	13.266	162	1016595	43.855	ng	99
48) 2-Nitroaniline	13.466	65	314909	46.623	ng	96
49) Acenaphthylene	14.119	152	1706619	44.492	ng	100
50) Dimethylphthalate	13.854	163	1374506	45.780	ng	100
51) 2,6-Dinitrotoluene	13.966	165	301444	47.635	ng	99
52) Acenaphthene	14.466	154	996925	44.278	ng	100
53) 3-Nitroaniline	14.295	138	248427	34.892	ng	95
54) 2,4-Dinitrophenol	14.501	184	370101	109.516	ng	98
55) Dibenzofuran	14.801	168	1572174	44.166	ng	98
56) 4-Nitrophenol	14.619	139	563832	96.372	ng	97
57) 2,4-Dinitrotoluene	14.754	165	433702	48.036	ng	97
58) Fluorene	15.460	166	1231357	43.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	369543	47.768	ng	99
60) Diethylphthalate	15.236	149	1395643	45.748	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	617842	44.228	ng	100
62) 4-Nitroaniline	15.472	138	326180	44.688	ng	97
63) Azobenzene	15.754	77	1182478	45.267	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	256489	49.069	ng	98
66) n-Nitrosodiphenylamine	15.672	169	1141054	44.624	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	406073	44.031	ng	97
68) Hexachlorobenzene	16.483	284	477112	44.629	ng	98
69) Atrazine	16.648	200	436604	45.593	ng	98
70) Pentachlorophenol	16.836	266	647332	95.922	ng	97
71) Phenanthrene	17.236	178	2049033	44.483	ng	100
72) Anthracene	17.330	178	2071926	44.046	ng	100
73) Carbazole	17.607	167	1984094	44.780	ng	99
74) Di-n-butylphthalate	18.201	149	2442996	44.814	ng	100
75) Fluoranthene	19.324	202	2426038	44.153	ng	99
77) Benzidine	19.513	184	1396799	48.212	ng	99
78) Pyrene	19.701	202	2461482	44.610	ng	100
80) Butylbenzylphthalate	20.654	149	1144283	45.758	ng	99
81) Benzo(a)anthracene	21.624	228	2552604	45.593	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	665844	31.552	ng	99
83) Chrysene	21.695	228	2383389	45.457	ng	99
84) Bis(2-ethylhexyl)phtha...	21.571	149	1660300	45.102	ng	100
85) Di-n-octyl phthalate	22.865	149	2881260	45.504	ng	100
87) Indeno(1,2,3-cd)pyrene	28.842	276	3210651m	46.257	ng	
88) Benzo(b)fluoranthene	23.948	252	2645452	47.402	ng	98
89) Benzo(k)fluoranthene	24.007	252	2554212	45.736	ng	99
90) Benzo(a)pyrene	24.848	252	2544632	46.840	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2636878	46.488	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2572611	46.141	ng	99

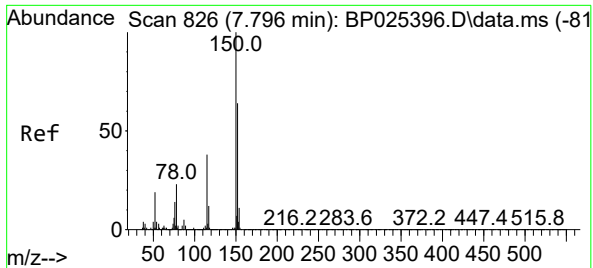
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Instrument :
BNA_P
ClientSampleId :
PB169228BS

Manual Integrations APPROVED

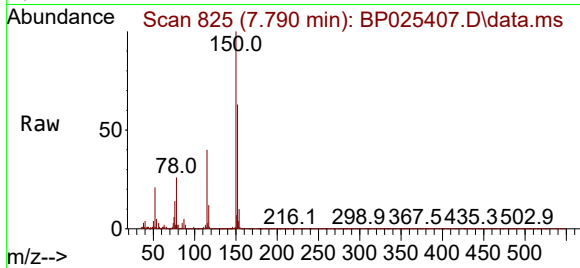
Supervised By :Jagrut
Upadhyay
08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

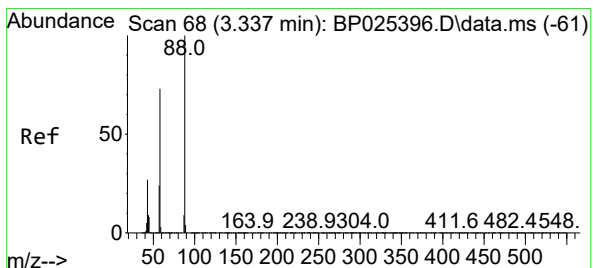
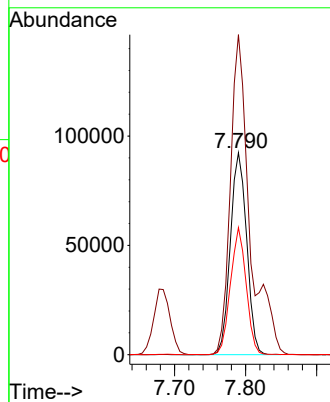
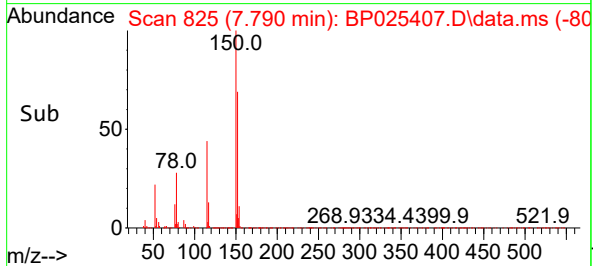


Tgt Ion: 152 Resp: 147030
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 62.9 48.5 72.7

Manual Integrations
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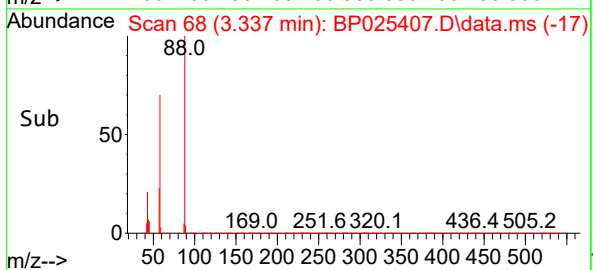
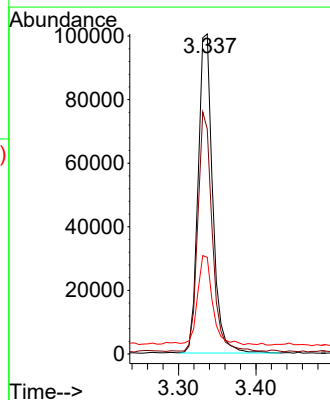
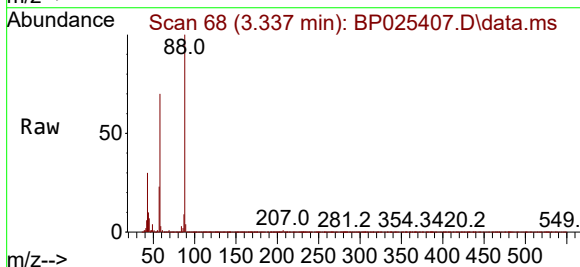
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

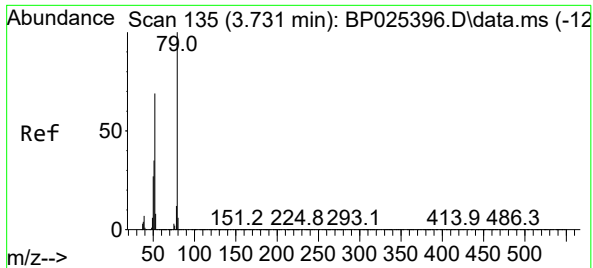
Supervised By :Jagrut
Upadhyay
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#2
1,4-Dioxane
Concen: 37.741 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

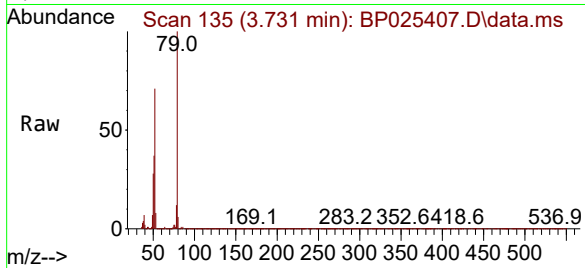
Tgt Ion: 88 Resp: 130883
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 28.5 21.7 32.5





#3
Pyridine
Concen: 34.231 ng
RT: 3.731 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

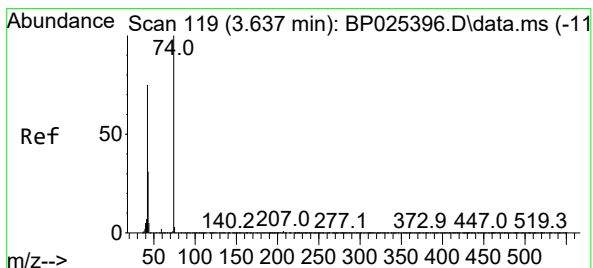
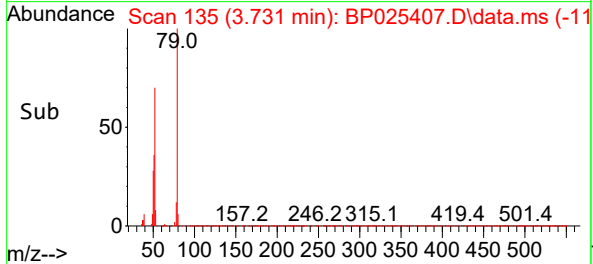
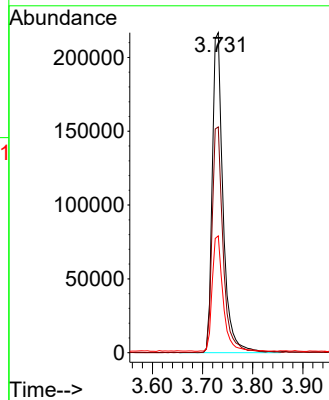


Tgt Ion: 79 Resp: 324920
Ion Ratio Lower Upper
79 100
52 70.5 55.5 83.3
51 36.5 28.3 42.5

Manual Integrations
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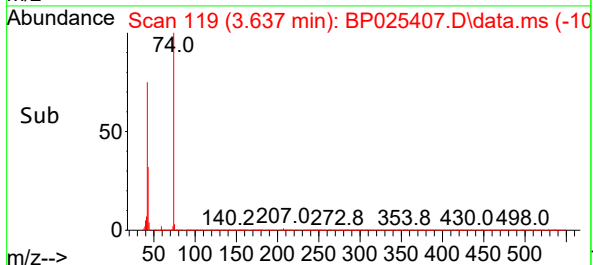
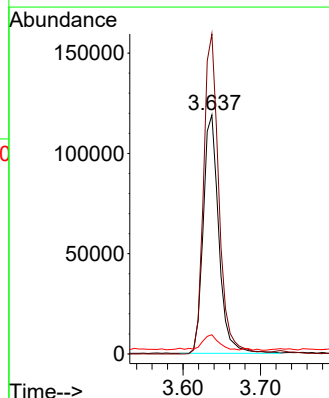
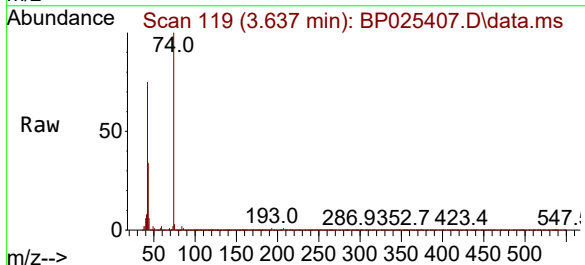
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

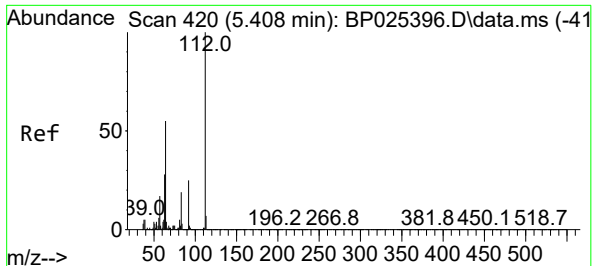
Supervised By :Jagrut
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#4
n-Nitrosodimethylamine
Concen: 42.209 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

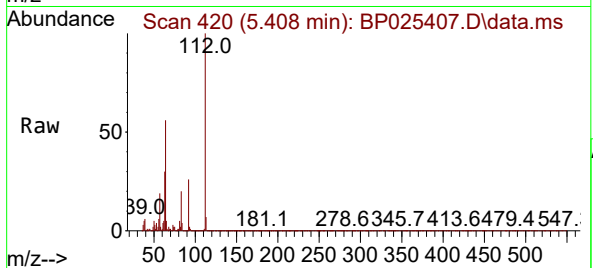
Tgt Ion: 42 Resp: 165173
Ion Ratio Lower Upper
42 100
74 133.9 107.0 160.4
44 8.0 6.2 9.4





#5
2-Fluorophenol
Concen: 125.391 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

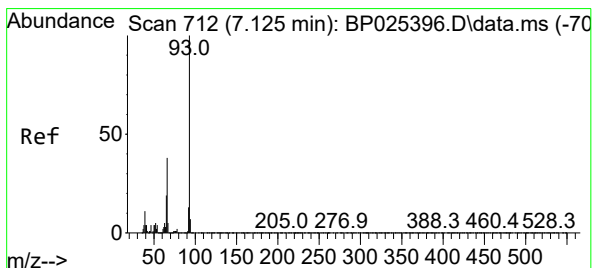
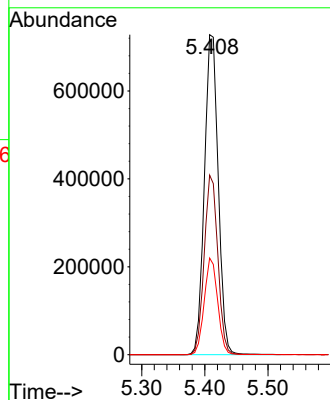
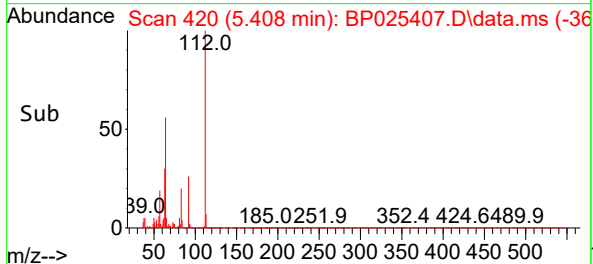


Tgt Ion: 112 Resp: 1110154
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.2 22.7 34.1

Manual Integrations
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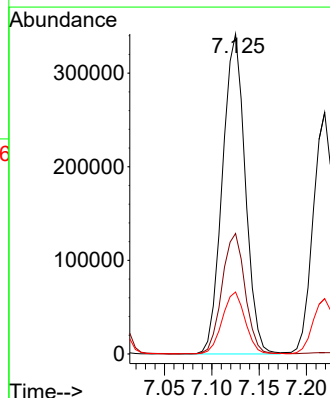
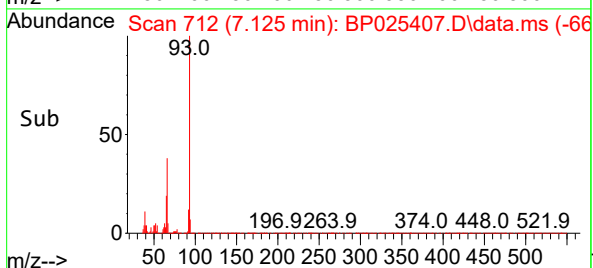
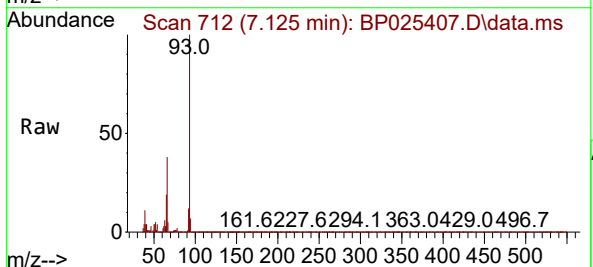
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

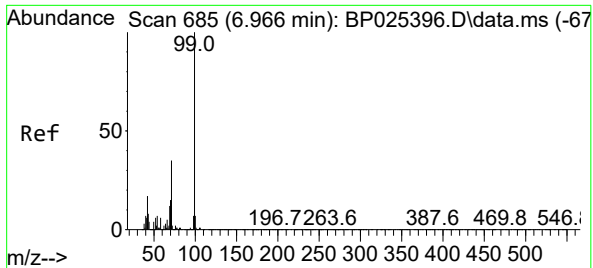
Supervised By :Jagrut
Upadhyay
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#6
Aniline
Concen: 37.357 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

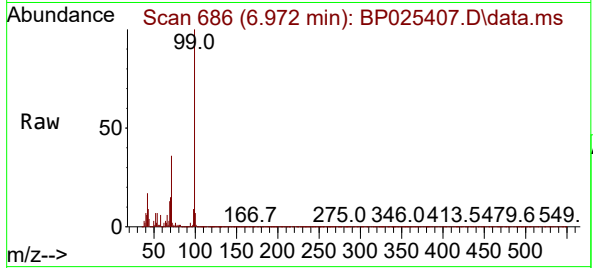
Tgt Ion: 93 Resp: 571326
Ion Ratio Lower Upper
93 100
66 37.7 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 125.584 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

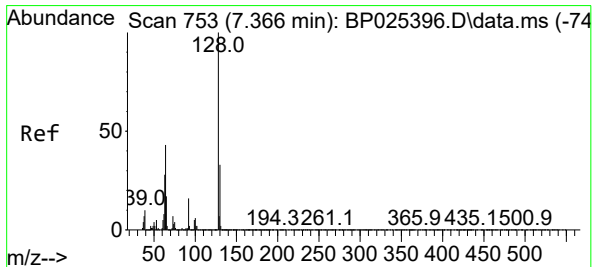
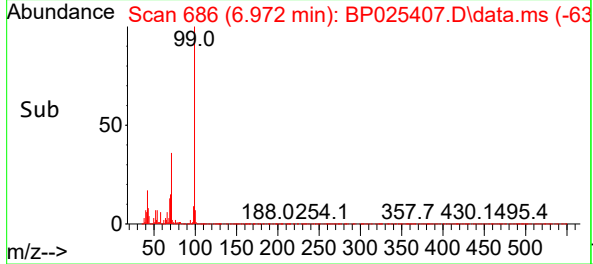
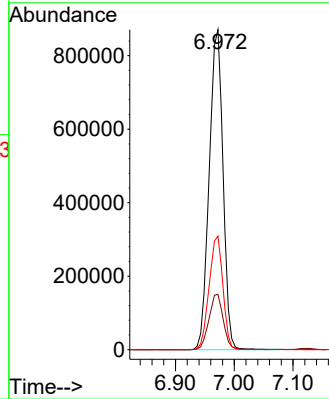


Tgt Ion: 99 Resp: 142550
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.5 28.2 42.4

Manual Integrations
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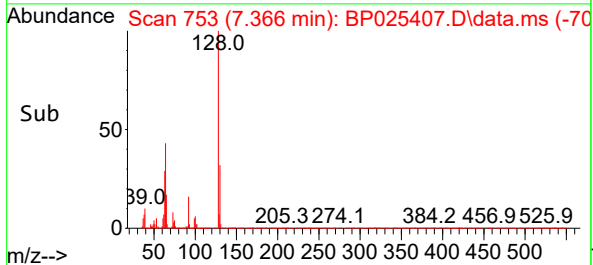
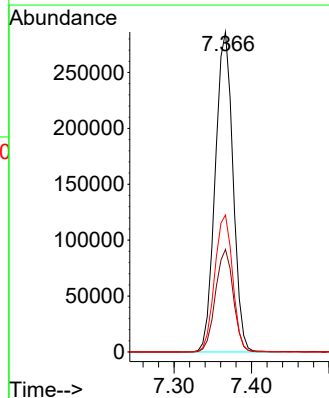
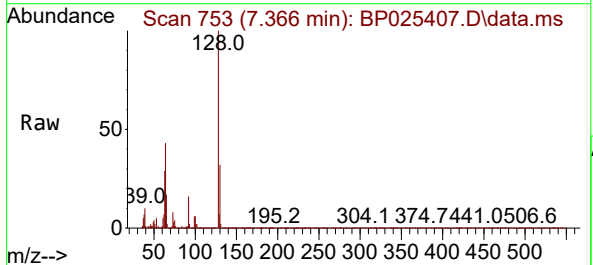
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

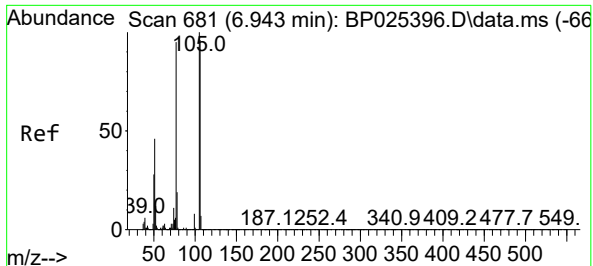
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#8
2-Chlorophenol
Concen: 45.561 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

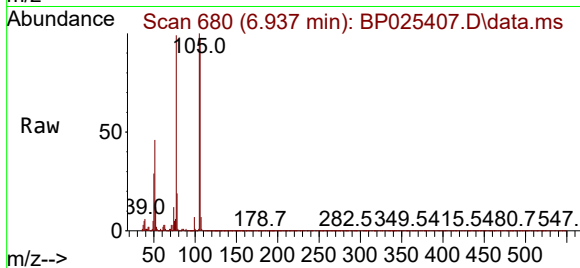
Tgt Ion:128 Resp: 455193
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 42.8 23.4 63.4





#9
Benzaldehyde
Concen: 26.663 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

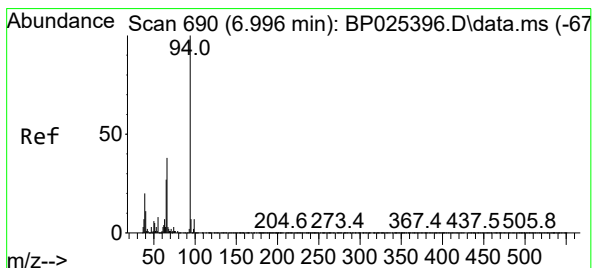
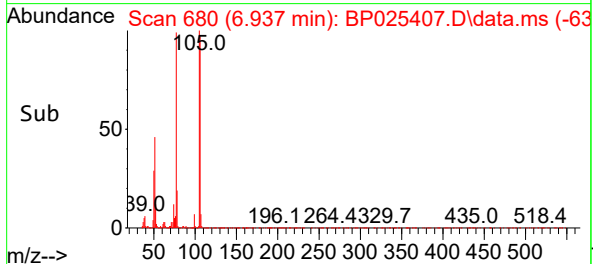
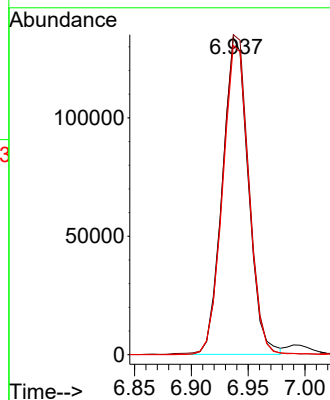


Tgt Ion: 77 Resp: 21204
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 97.6 80.5 120.5

Manual Integrations
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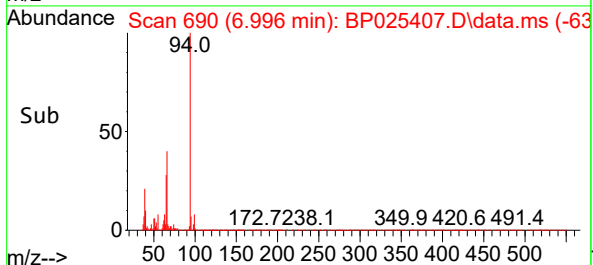
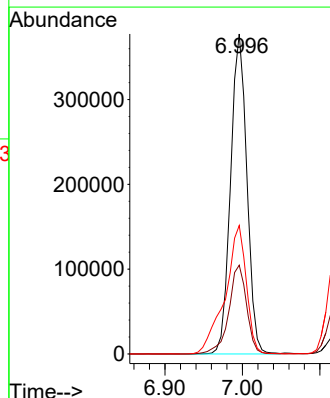
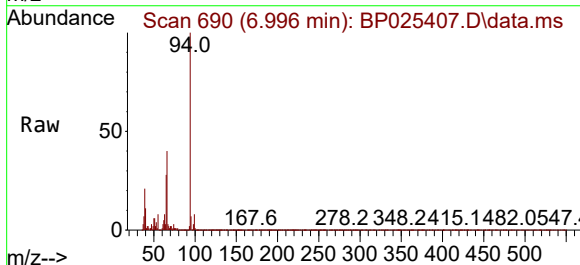
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

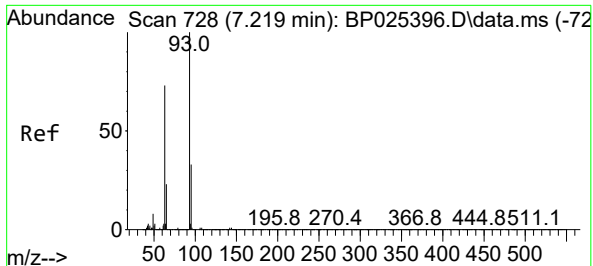
Supervised By :Jagrut
Upadhyay
08/15/2025



#10
Phenol
Concen: 46.339 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 94 Resp: 551928
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 40.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 42.012 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion: 93 Resp: 390018

Ion Ratio Lower Upper

93 100

63 74.0 52.6 92.6

95 31.8 12.7 52.7

Manual Integrations

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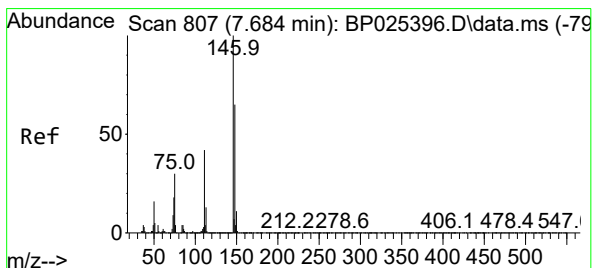
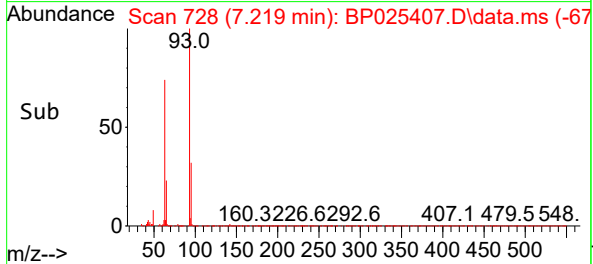
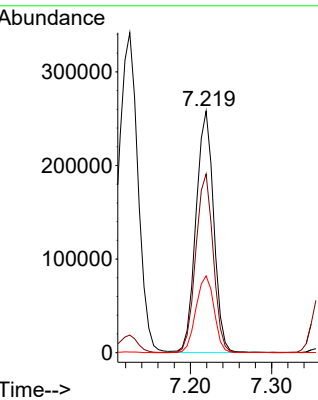
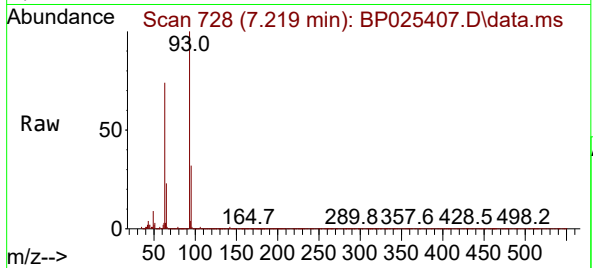
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#12

1,3-Dichlorobenzene

Concen: 41.801 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

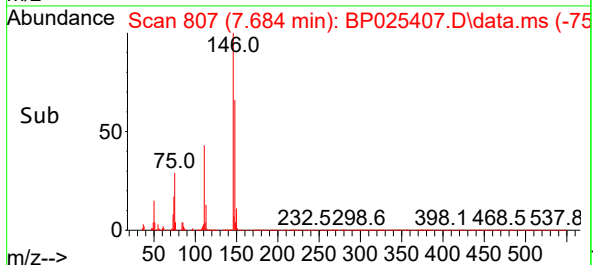
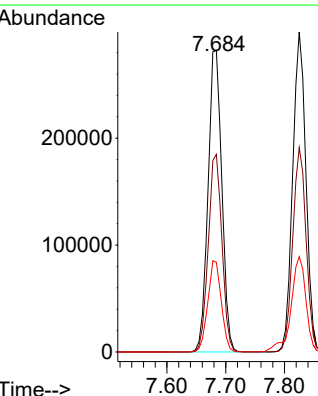
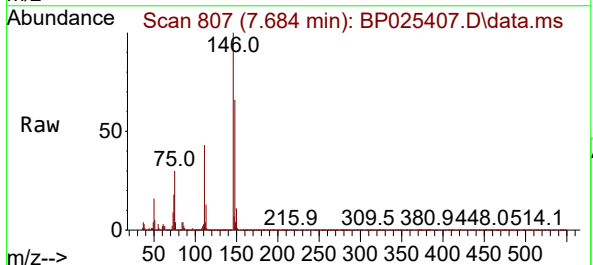
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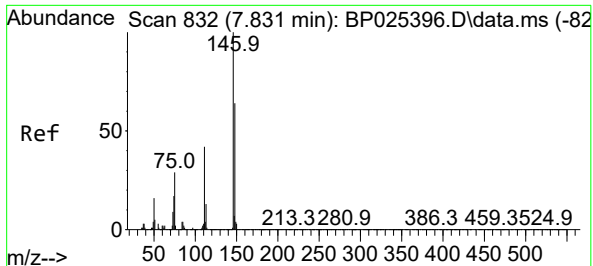
Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

75 29.8 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 41.472 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:146 Resp: 466980

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

111 41.5 33.4 50.0

Manual Integrations

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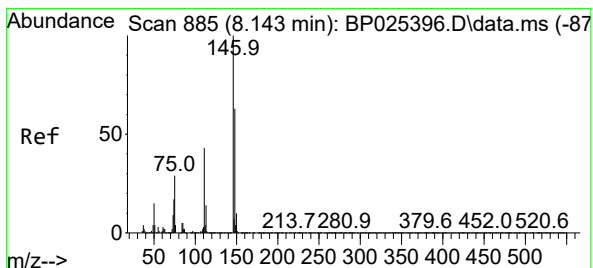
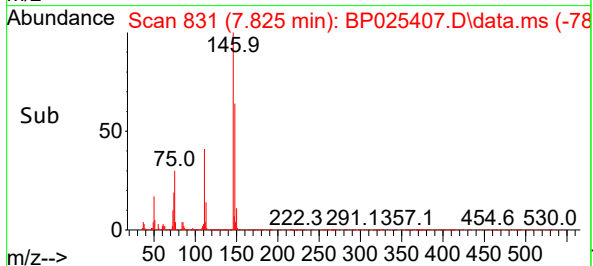
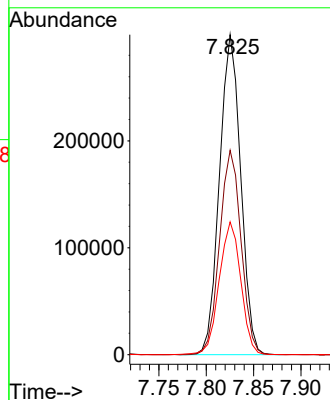
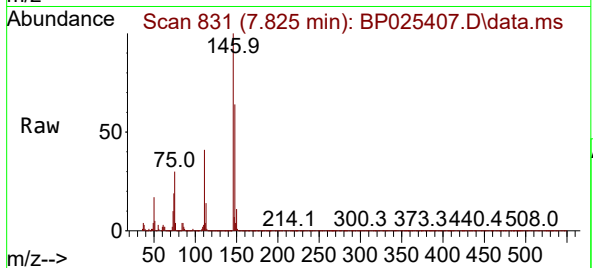
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#14

1,2-Dichlorobenzene

Concen: 41.859 ng

RT: 8.137 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

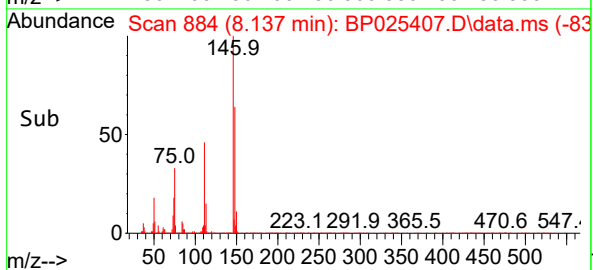
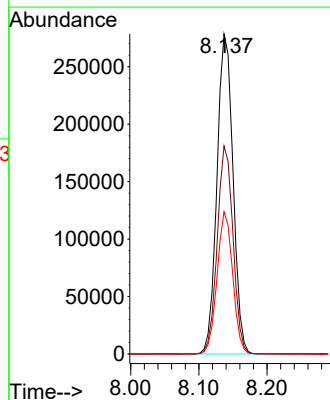
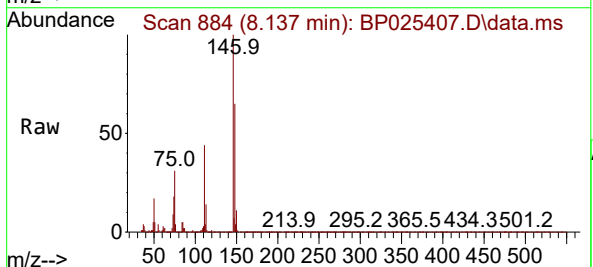
Tgt Ion:146 Resp: 456253

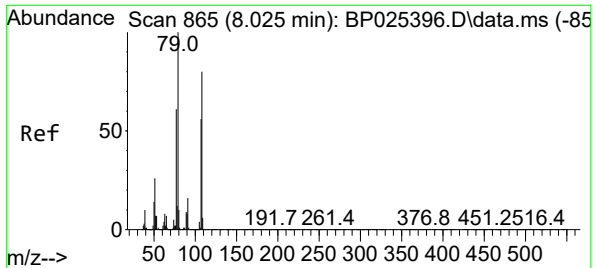
Ion Ratio Lower Upper

146 100

148 65.0 50.4 75.6

111 44.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 44.470 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion: 79 Resp: 40107

Ion Ratio Lower Upper

79 100

108 79.7 63.8 95.6

77 62.0 49.0 73.4

Manual Integrations

APPROVED

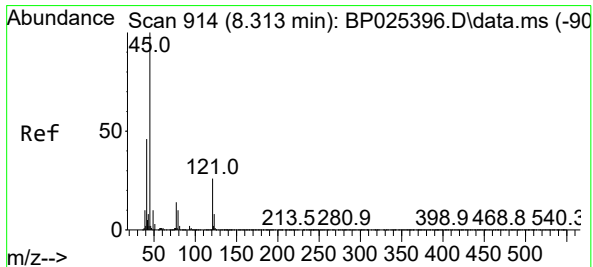
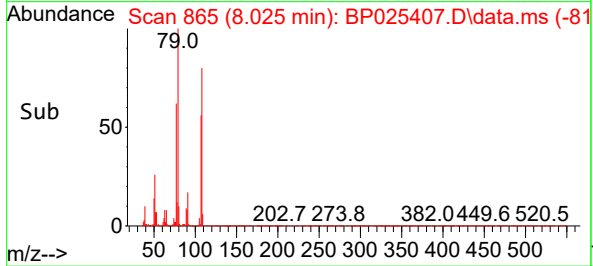
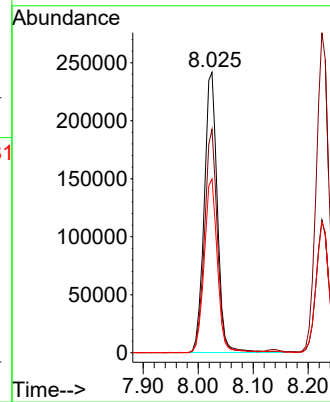
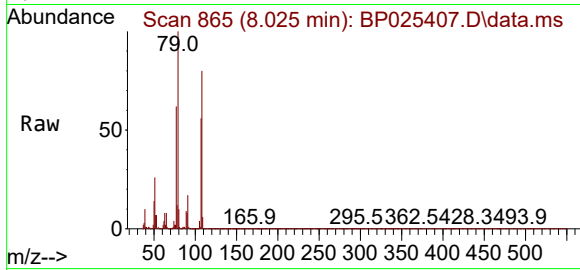
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.092 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

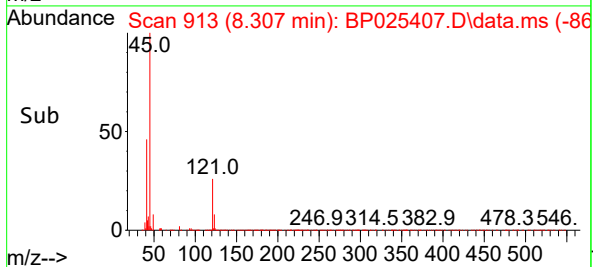
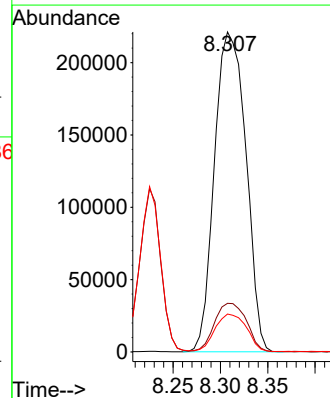
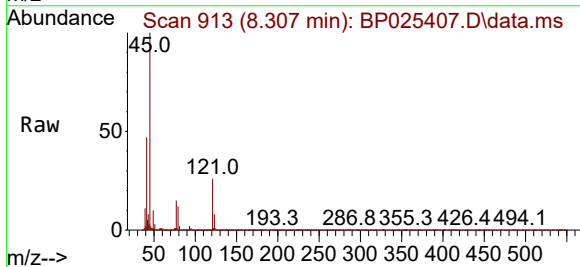
Tgt Ion: 45 Resp: 511027

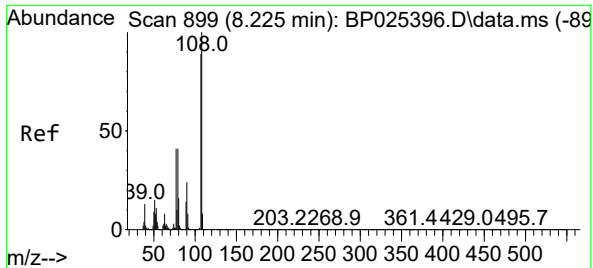
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.3

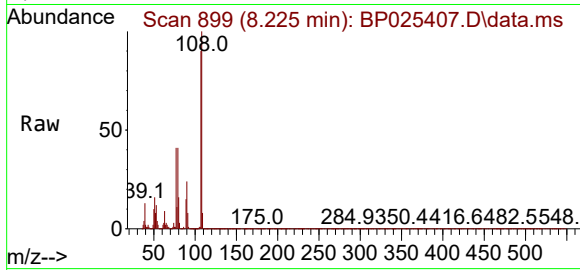
79 11.8 0.0 31.8





#17
2-Methylphenol
Concen: 46.755 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

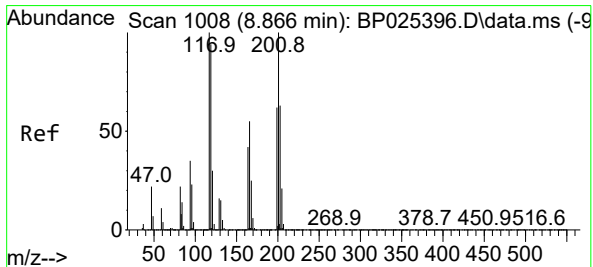
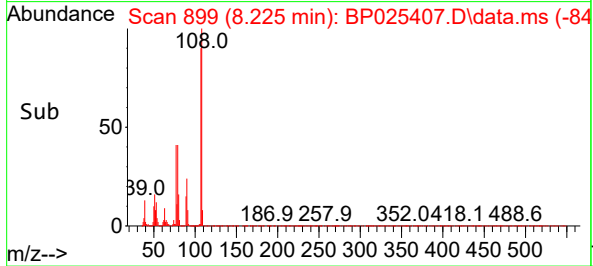
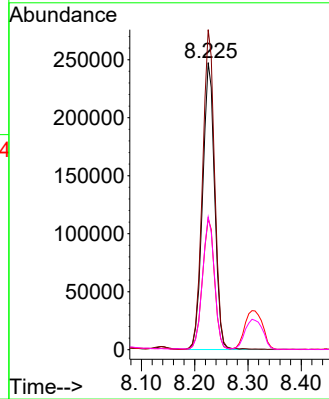


Tgt Ion:107 Resp: 38676
Ion Ratio Lower Upper
107 100
108 111.5 89.4 134.0
77 45.6 36.3 54.5
79 46.2 36.6 54.8

Manual Integrations
APPROVED

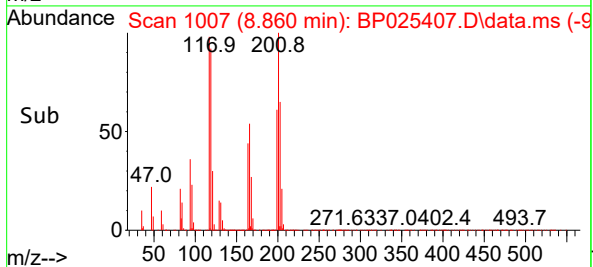
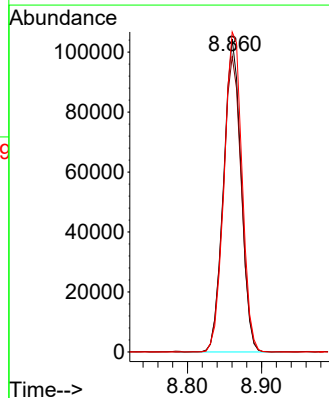
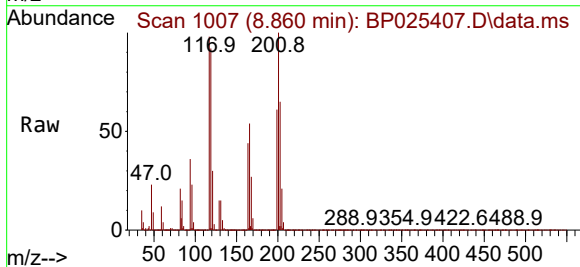
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

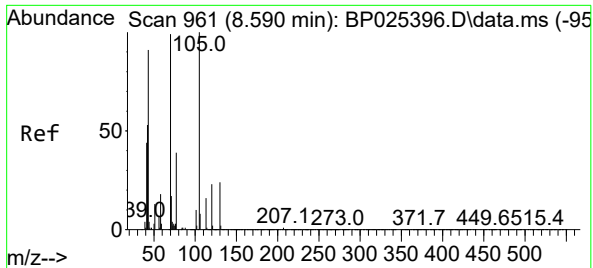
Supervised By :Jagrut
Upadhyay
08/15/2025



#18
Hexachloroethane
Concen: 41.420 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:117 Resp: 171481
Ion Ratio Lower Upper
117 100
119 94.5 75.1 112.7
201 102.3 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 41.580 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025407.D

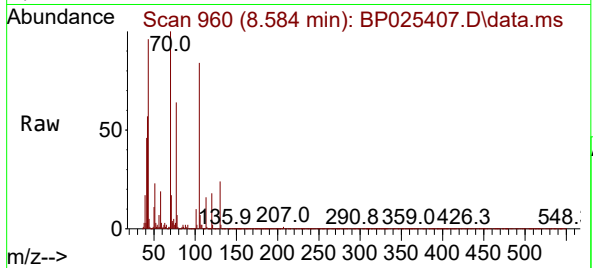
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS



Tgt Ion: 70 Resp: 31262

Ion Ratio Lower Upper

70 100

42 56.9 43.8 65.6

101 10.4 8.5 12.7

130 24.0 19.4 29.0

Manual Integrations

APPROVED

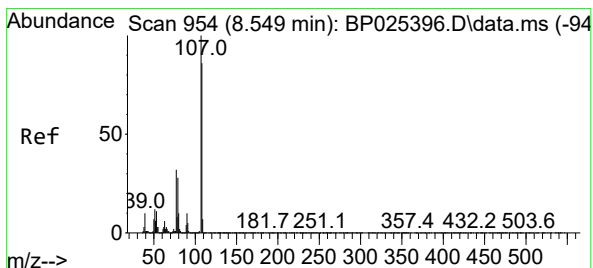
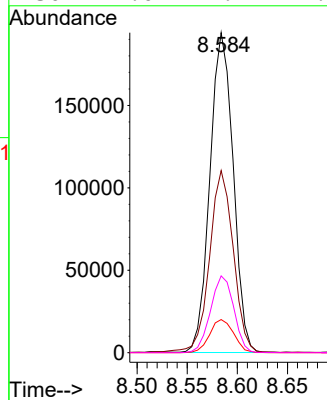
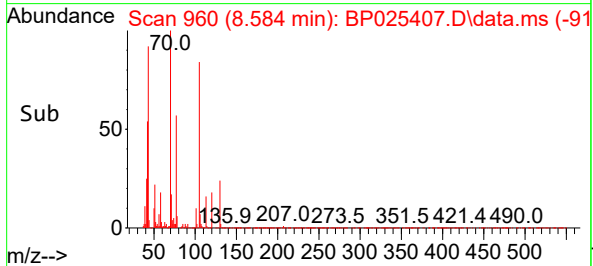
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#20

3+4-Methylphenols

Concen: 46.073 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Tgt Ion:107 Resp: 528303

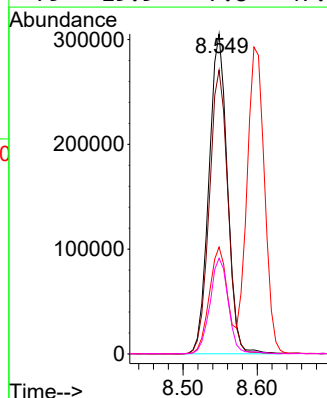
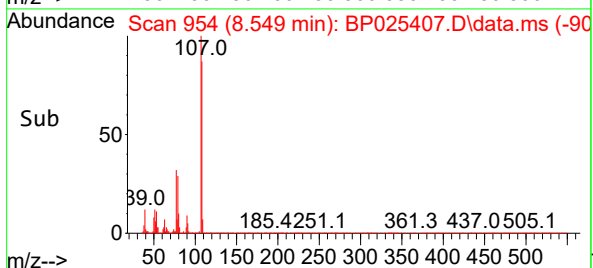
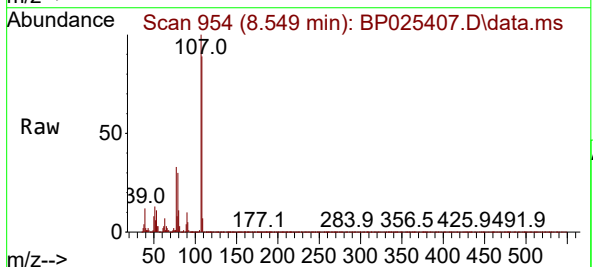
Ion Ratio Lower Upper

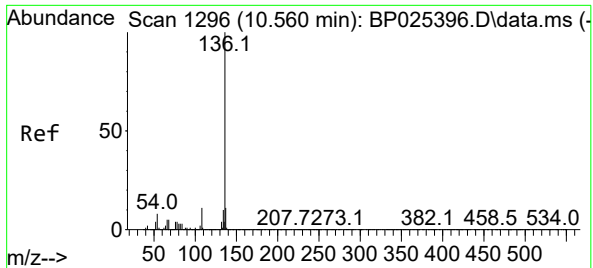
107 100

108 88.7 66.3 106.3

77 33.4 12.3 52.3

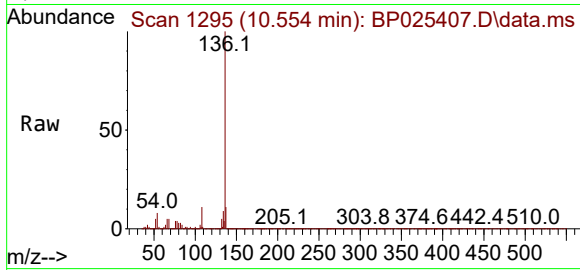
79 29.9 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

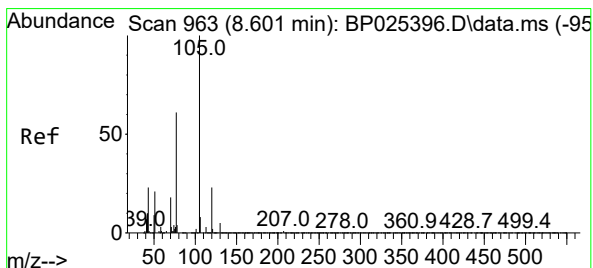
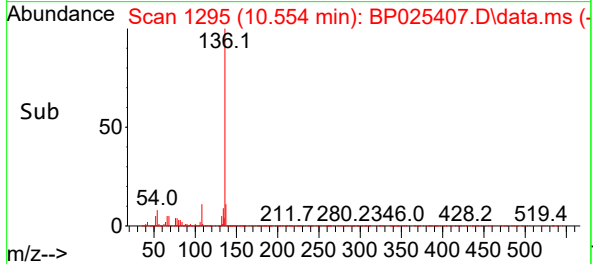
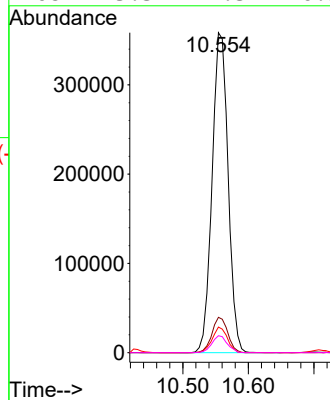


Tgt Ion:136 Resp: 606682
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.3 4.3 6.5

Manual Integrations
APPROVED

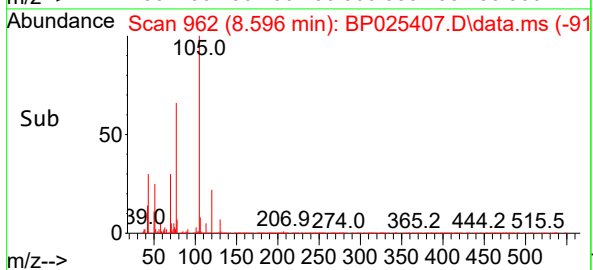
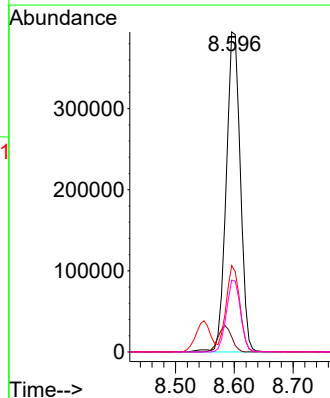
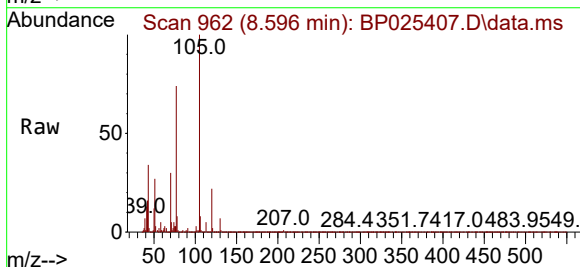
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

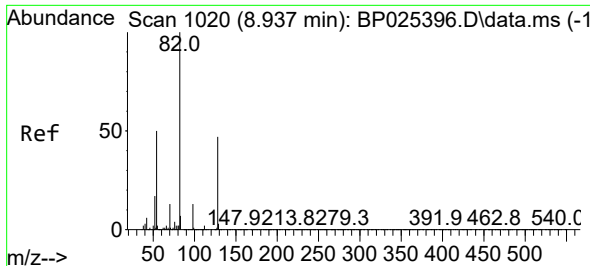
Supervised By :Jagrut
Upadhyay
08/15/2025



#22
Acetophenone
Concen: 43.279 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

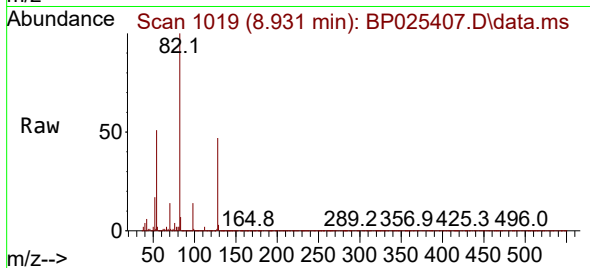
Tgt Ion:105 Resp: 658466
Ion Ratio Lower Upper
105 100
71 4.7 2.6 4.0#
51 27.0 20.6 30.8
120 22.5 18.6 27.8





#23
Nitrobenzene-d5
Concen: 75.976 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

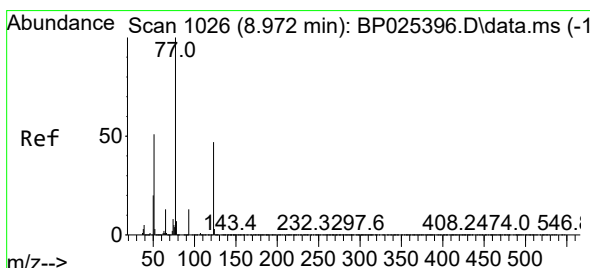
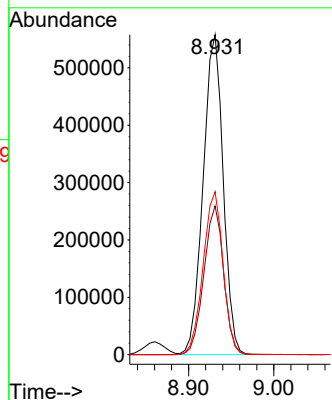
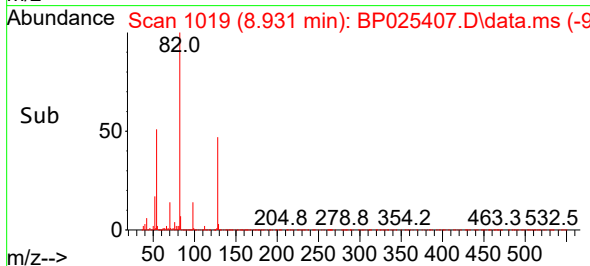


Tgt Ion: 82 Resp: 911194
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 51.0 39.8 59.6

Manual Integrations
APPROVED

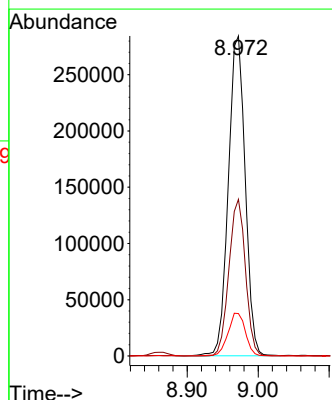
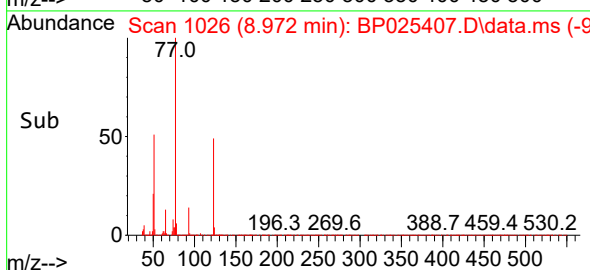
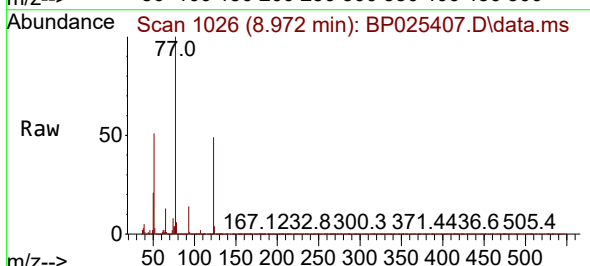
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

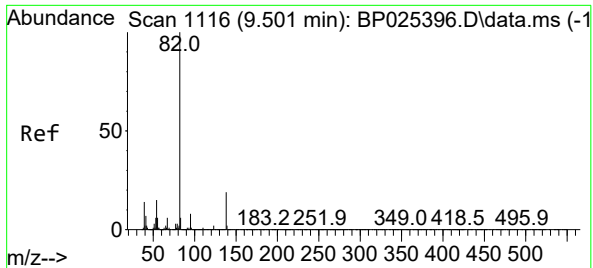
Supervised By :Jagrut
Upadhyay
08/15/2025



#24
Nitrobenzene
Concen: 43.677 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

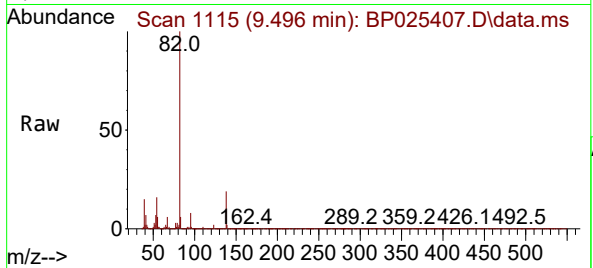
Tgt Ion: 77 Resp: 468149
Ion Ratio Lower Upper
77 100
123 49.0 38.6 58.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 43.137 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

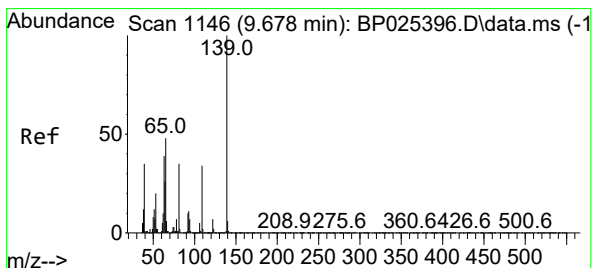
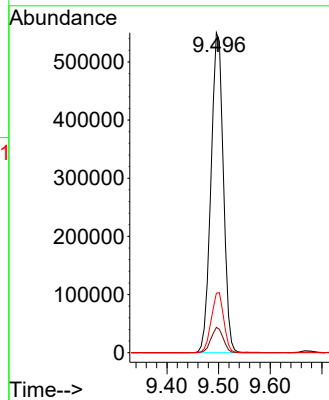
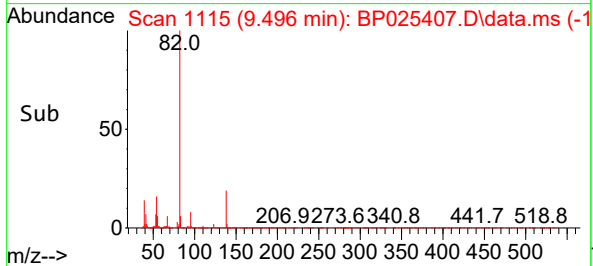


Tgt Ion: 82 Resp: 915580
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.6 15.4 23.0

Manual Integrations
APPROVED

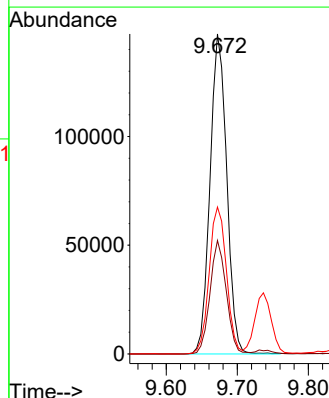
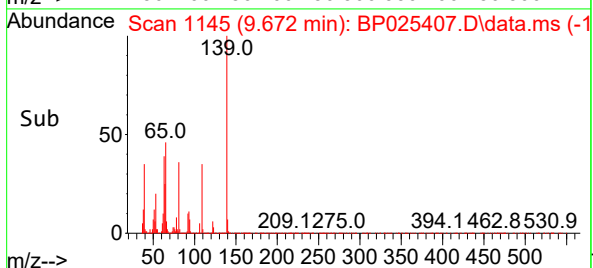
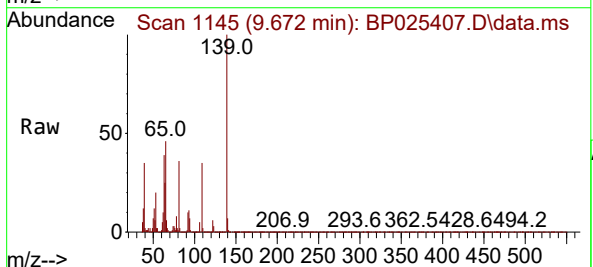
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

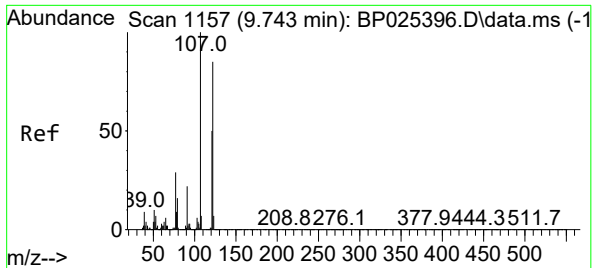
Supervised By :Jagrut
Upadhyay
08/15/2025



#26
2-Nitrophenol
Concen: 43.654 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:139 Resp: 240132
Ion Ratio Lower Upper
139 100
109 35.4 26.9 40.3
65 45.9 38.3 57.5





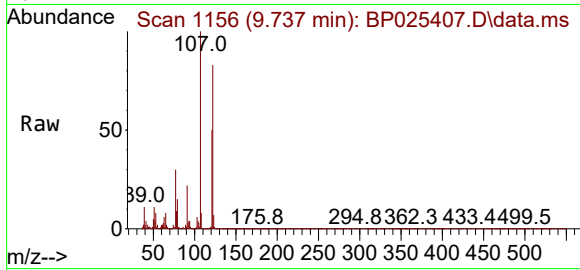
#27
2,4-Dimethylphenol
Concen: 47.393 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS



Tgt Ion:122 Resp: 448325
Ion Ratio Lower Upper
122 100
107 119.8 93.7 140.5
121 59.7 46.6 69.8

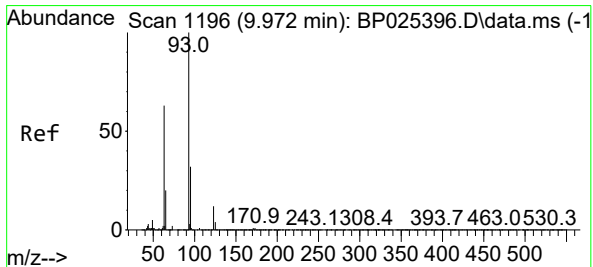
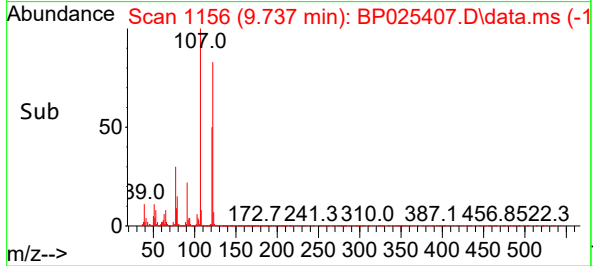
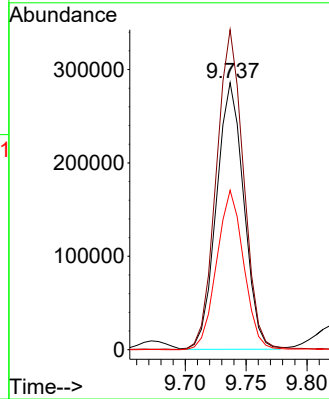
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

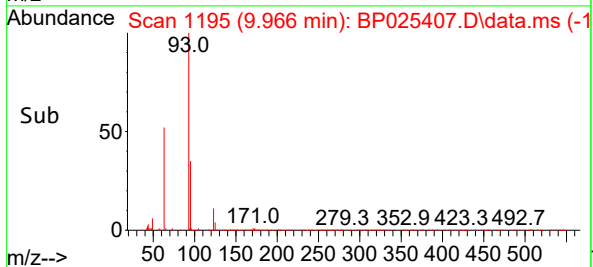
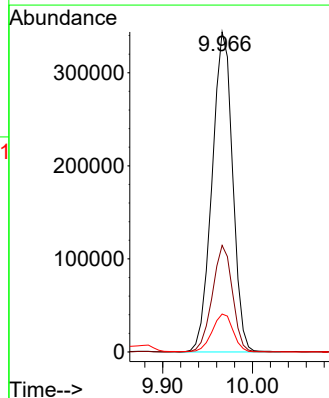
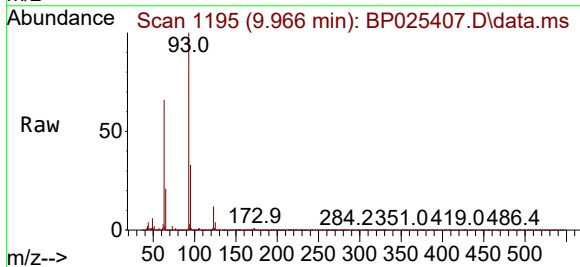
Supervised By :Jagrut Upadhyay 08/15/2025

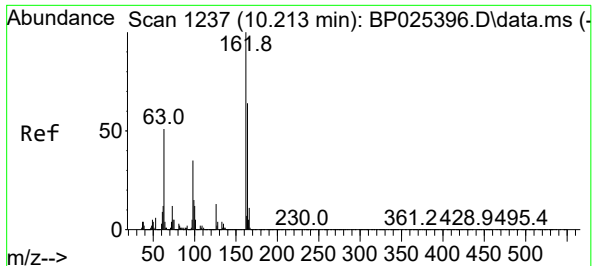
Supervised By :Jagrut
Upadhyay
08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.624 ng
RT: 9.966 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 93 Resp: 546870
Ion Ratio Lower Upper
93 100
95 33.3 25.4 38.0
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.808 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:162 Resp: 44926

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

98 37.6 14.9 54.9

Manual Integrations

APPROVED

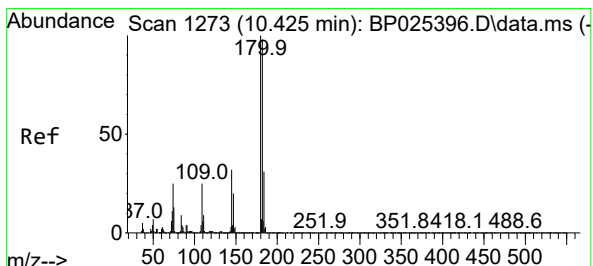
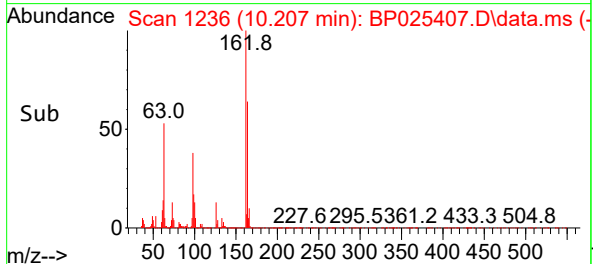
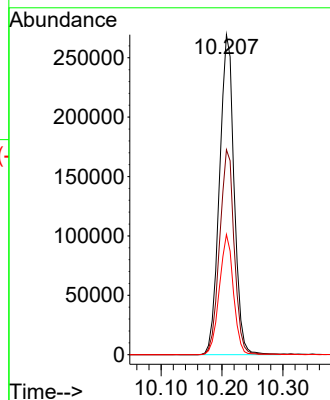
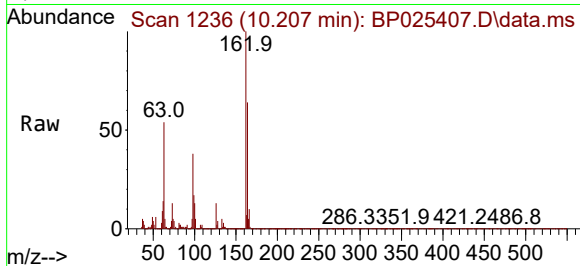
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.758 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

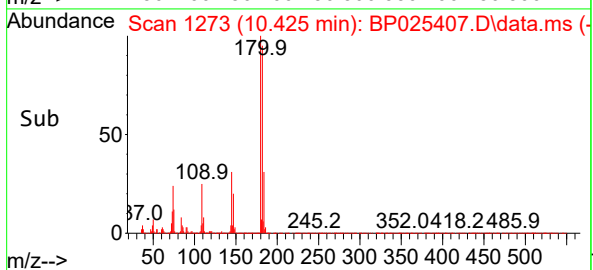
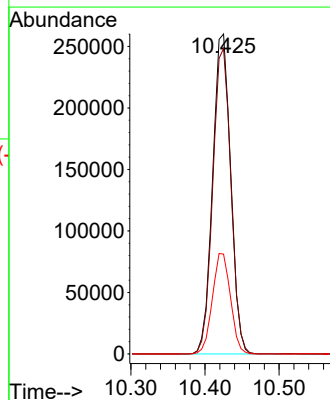
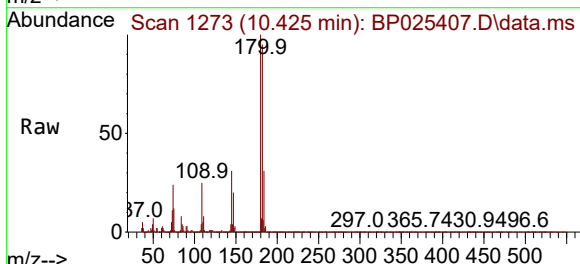
Tgt Ion:180 Resp: 440470

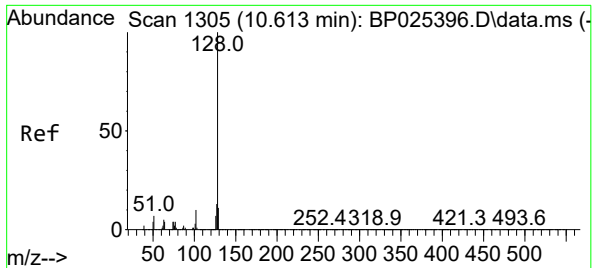
Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

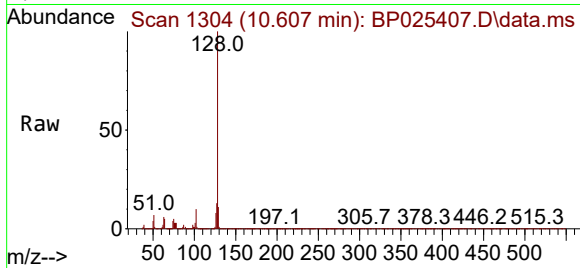
145 31.2 25.9 38.9





#31
Naphthalene
Concen: 43.171 ng
RT: 10.607 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

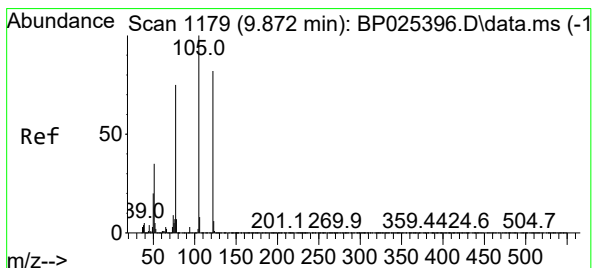
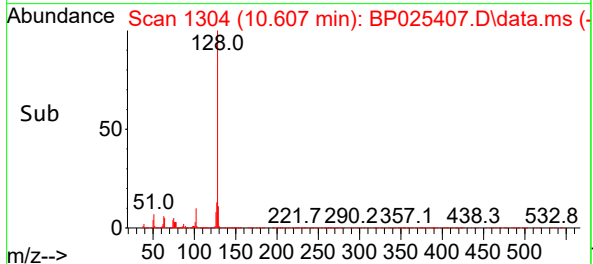
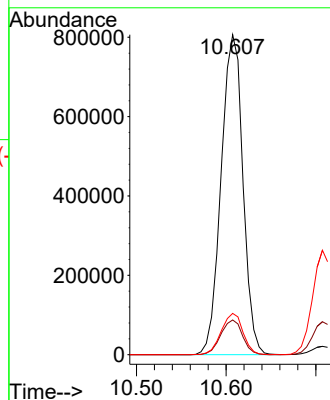


Tgt Ion:128 Resp: 1361279
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.7 16.1

Manual Integrations
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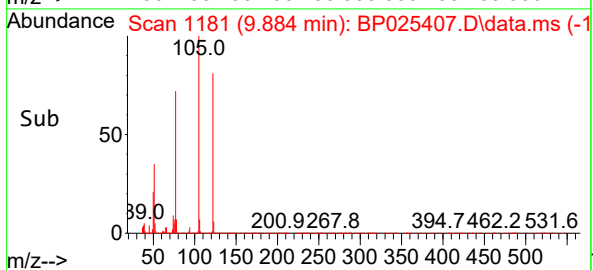
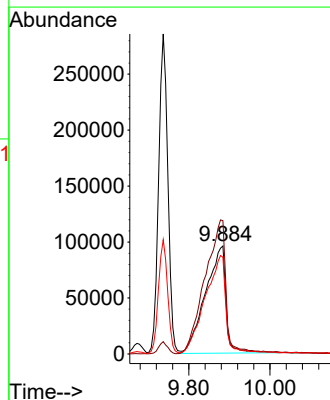
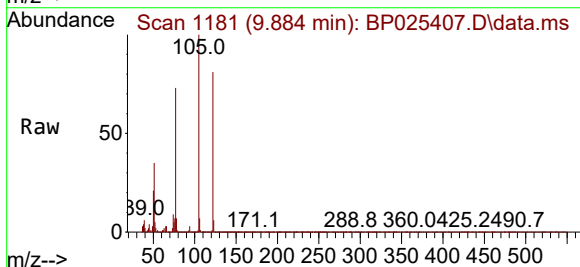
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

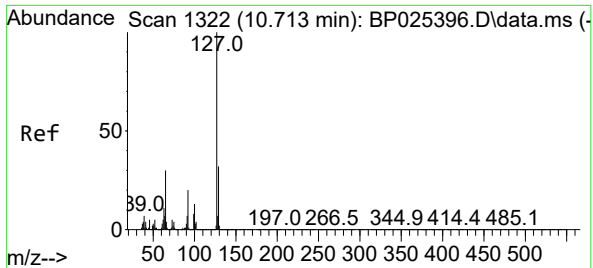
Supervised By :Jagrut
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08/15/2025



#32
Benzoic acid
Concen: 48.155 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:122 Resp: 336308
Ion Ratio Lower Upper
122 100
105 123.4 100.6 140.6
77 89.6 71.5 111.5





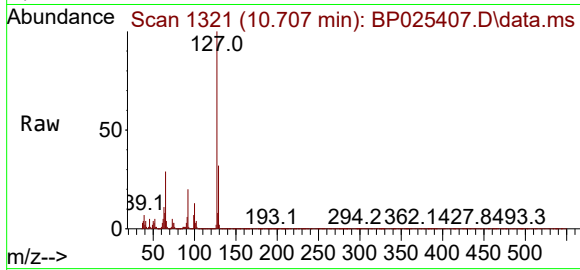
#33
4-Chloroaniline
Concen: 31.964 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS



Tgt Ion:127 Resp: 445208
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 29.0 23.8 35.6
92 20.1 15.8 23.8

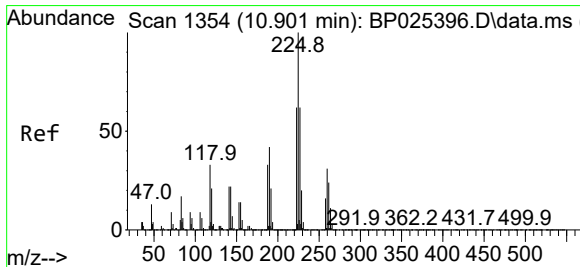
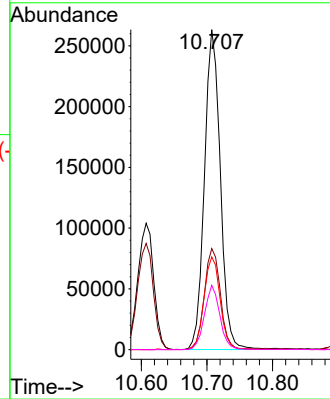
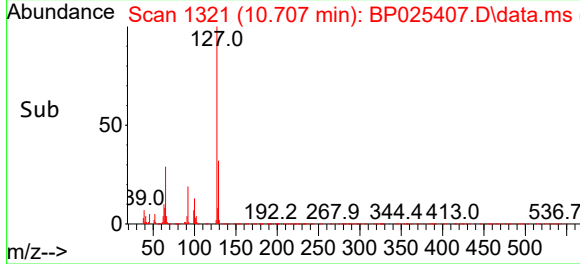
Manual Integrations

APPROVED

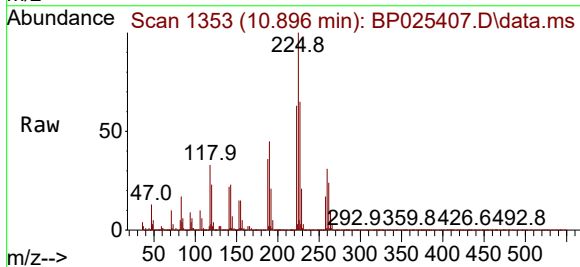
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

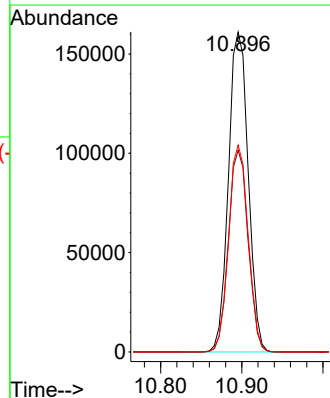
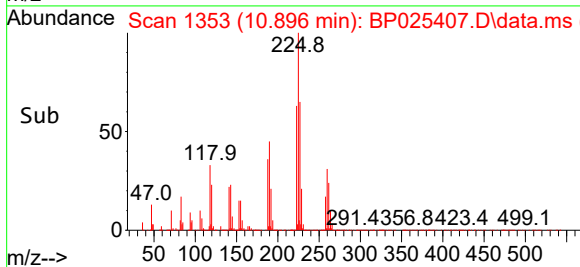
Supervised By :Jagrut
Upadhyay
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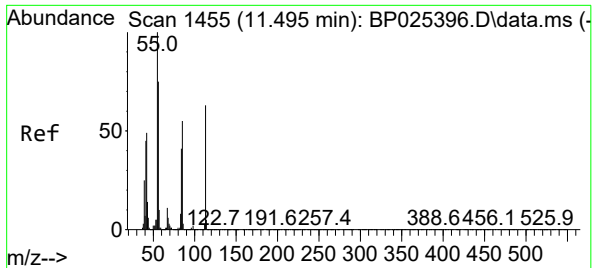


#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18



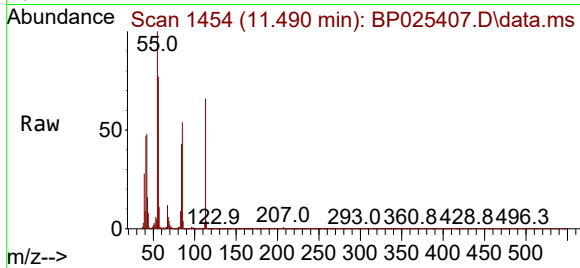
Tgt Ion:225 Resp: 272205
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 64.7 49.7 74.5





#35
Caprolactam
Concen: 47.021 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

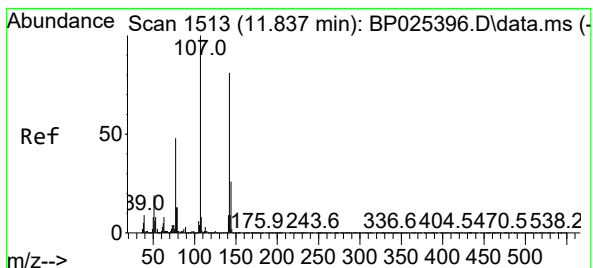
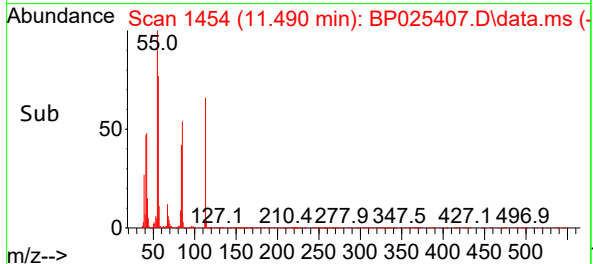
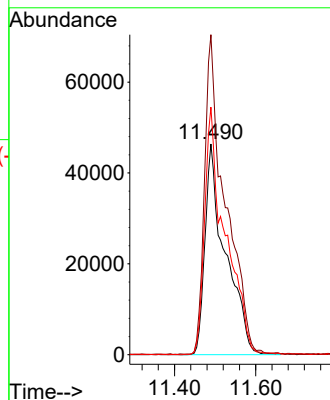


Tgt Ion:113 Resp: 162024
Ion Ratio Lower Upper
113 100
55 151.8 140.0 180.0
56 117.4 100.0 140.0

Manual Integrations
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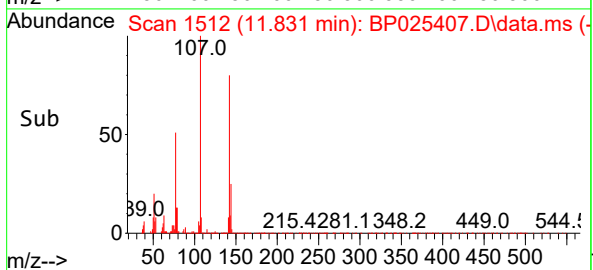
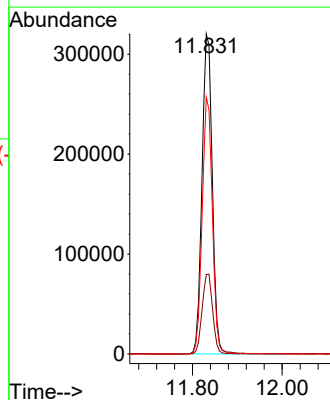
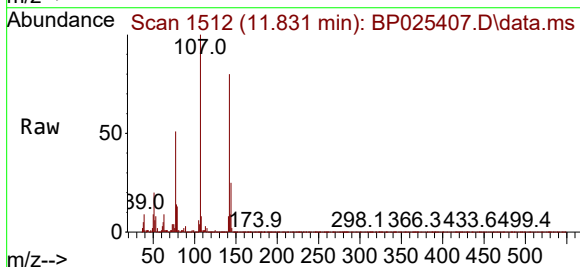
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

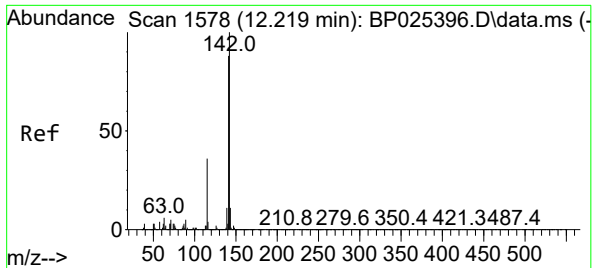
Supervised By :Jagrut
Upadhyay
08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 47.415 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

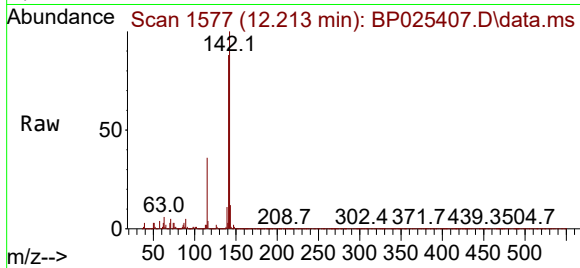
Tgt Ion:107 Resp: 511279
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.4
142 80.3 64.6 97.0





#37
2-Methylnaphthalene
Concen: 43.644 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

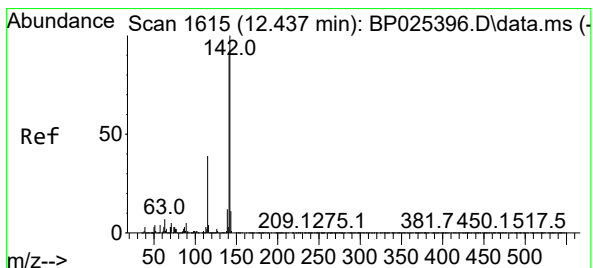
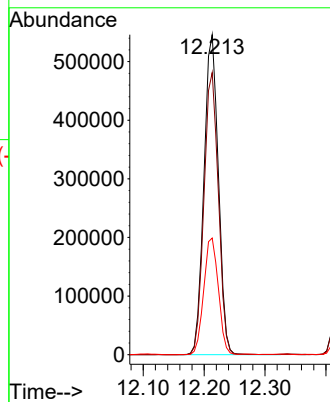
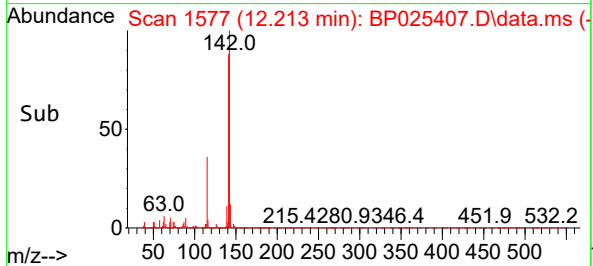


Tgt Ion:142 Resp: 89559
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 36.5 28.9 43.3

Manual Integrations
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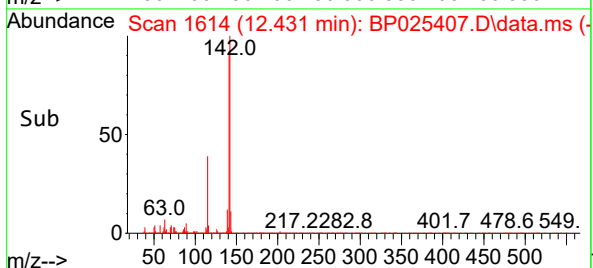
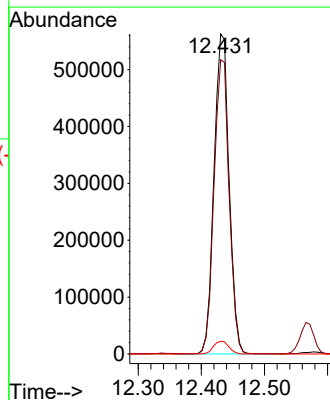
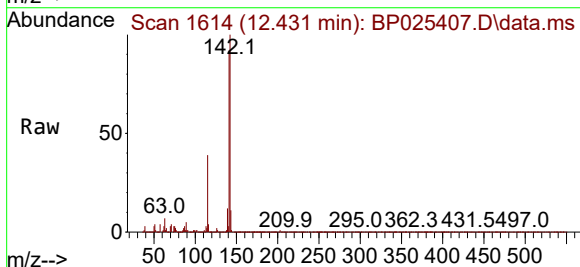
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

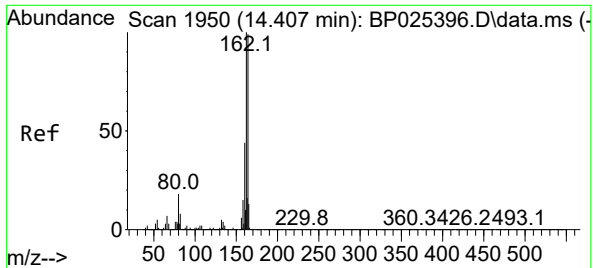
Supervised By :Jagrut
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#38
1-Methylnaphthalene
Concen: 42.748 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:142 Resp: 932869
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:164 Resp: 41000

Ion Ratio Lower Upper

164 100

162 98.5 81.0 121.6

160 44.6 35.4 53.2

Manual Integrations

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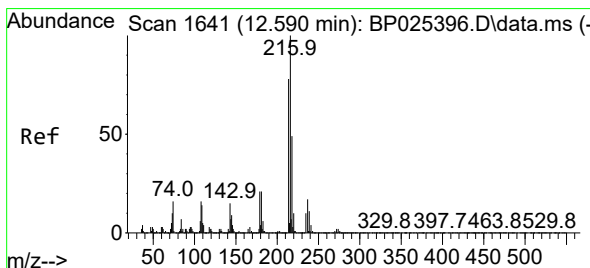
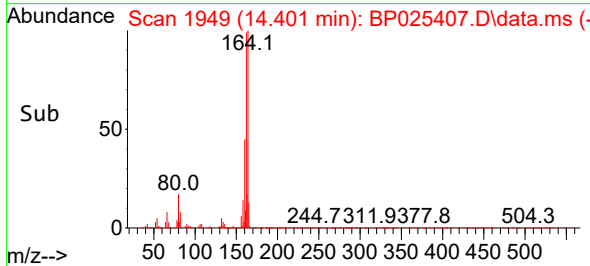
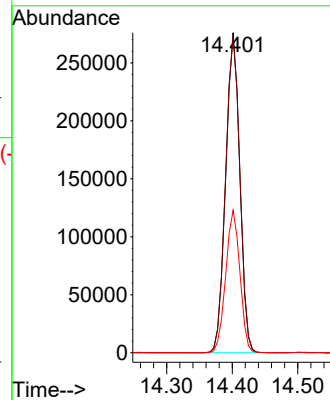
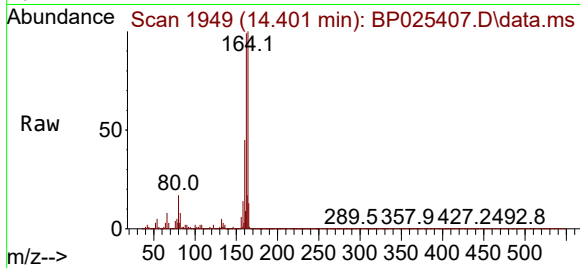
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.771 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Tgt Ion:216 Resp: 506460

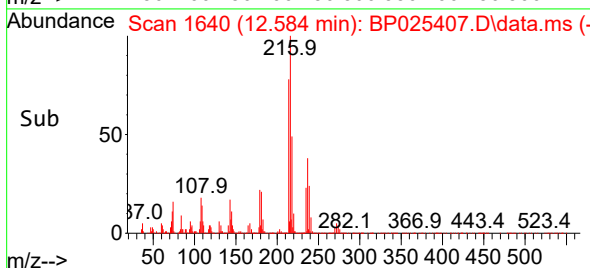
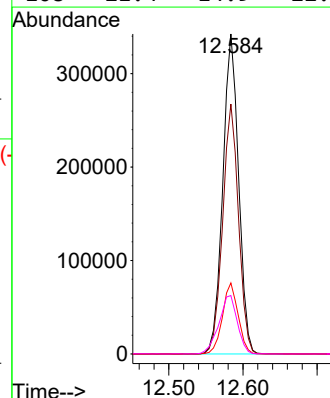
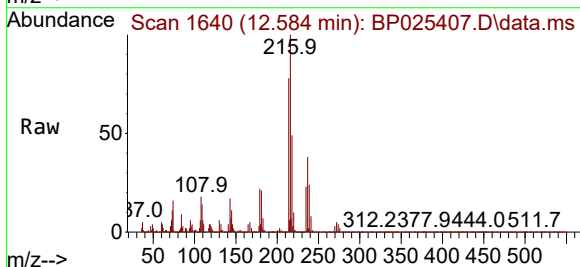
Ion Ratio Lower Upper

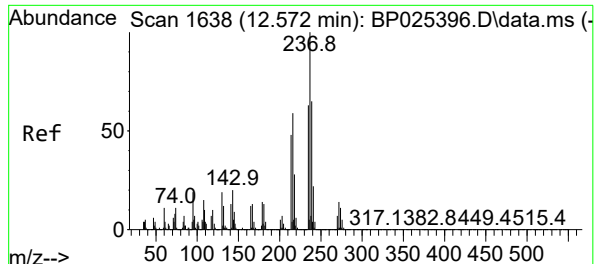
216 100

214 78.3 63.0 94.4

179 22.0 17.1 25.7

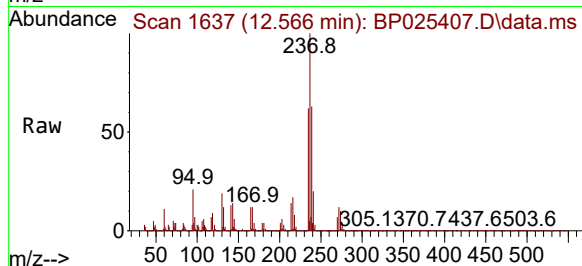
108 21.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 94.204 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

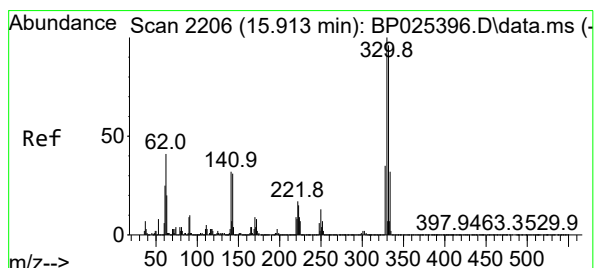
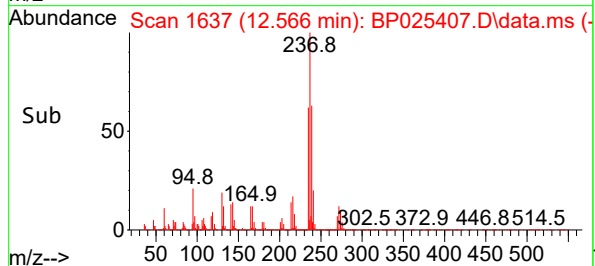
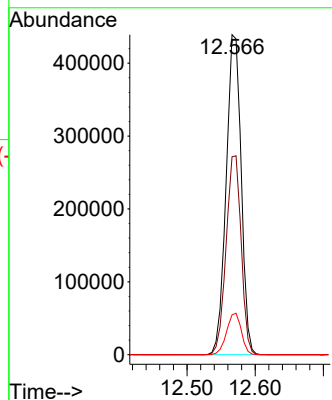


Tgt Ion: 237 Resp: 67380
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 12.5 0.0 34.0

Manual Integrations
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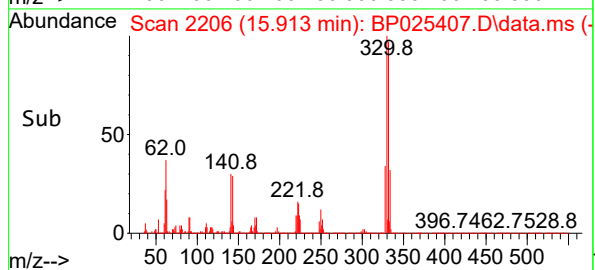
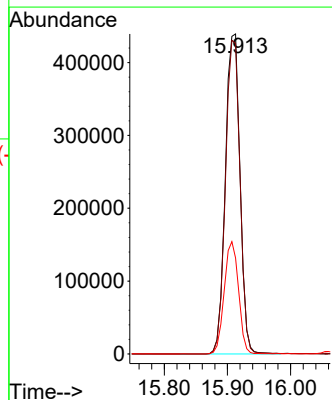
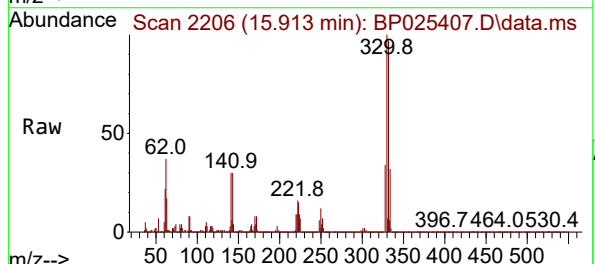
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

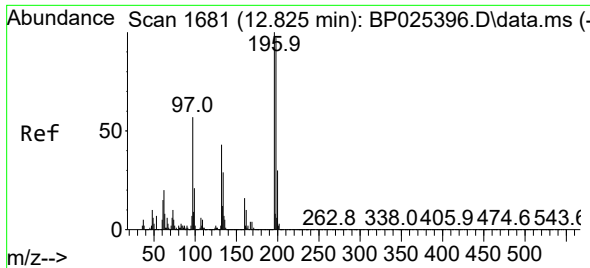
Supervised By :Jagrut
Upadhyay
08/15/2025



#42
2,4,6-Tribromophenol
Concen: 128.223 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

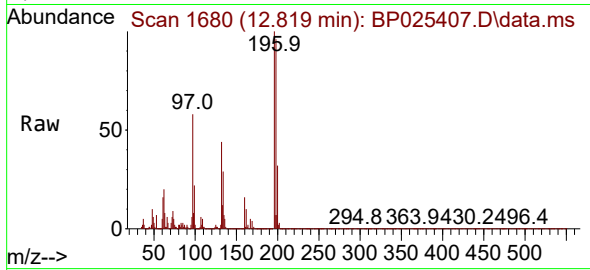
Tgt Ion: 330 Resp: 707616
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 34.4 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 46.461 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

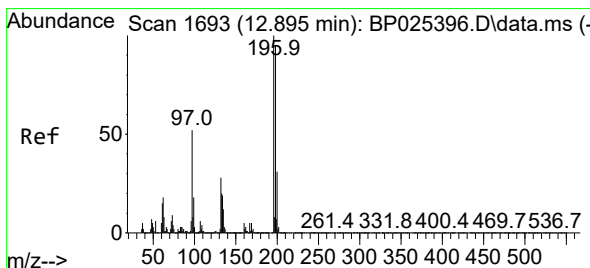
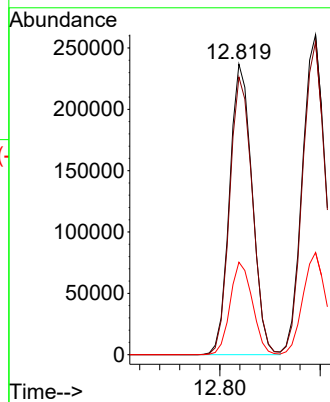
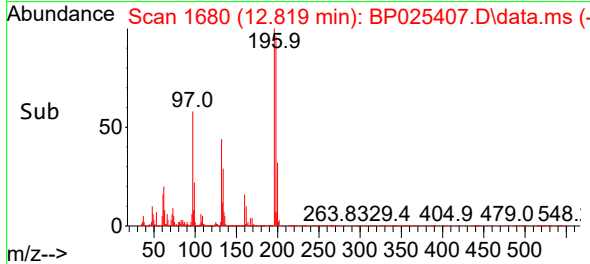


Tgt Ion:196 Resp: 37141
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
200 31.9 23.9 35.9

Manual Integrations
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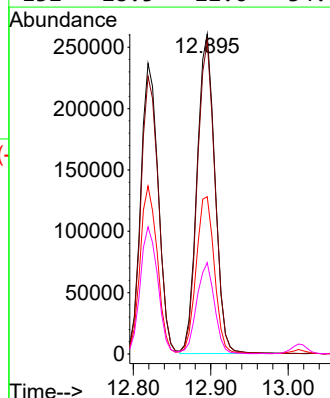
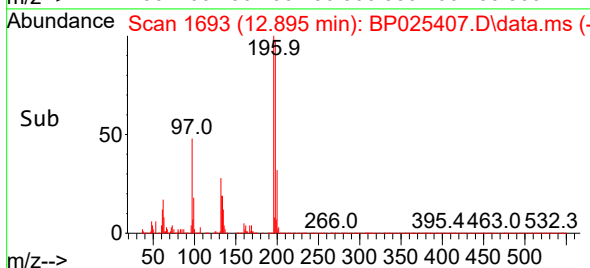
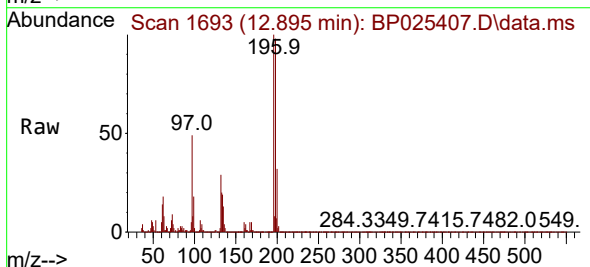
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

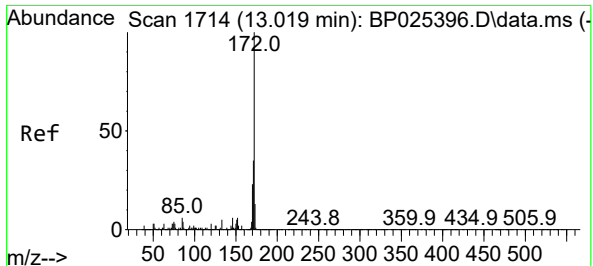
Supervised By :Jagrut
Upadhyay
08/15/2025



#44
2,4,5-Trichlorophenol
Concen: 47.579 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:196 Resp: 416860
Ion Ratio Lower Upper
196 100
198 97.8 76.2 114.2
97 49.2 41.2 61.8
132 28.5 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 73.213 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:172 Resp: 2196374

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 28.0

Manual Integrations

APPROVED

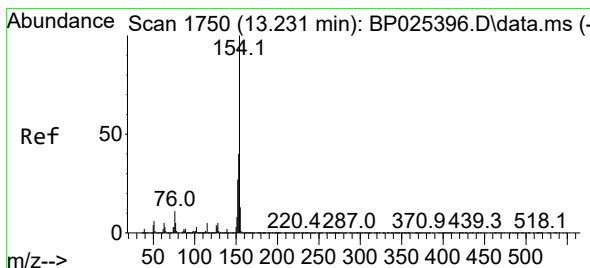
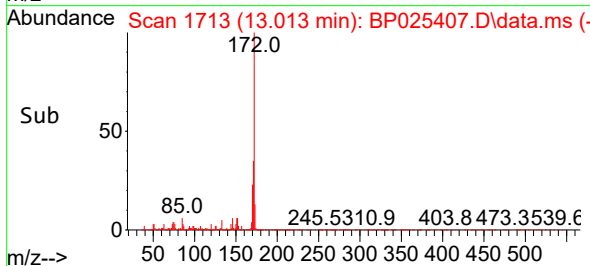
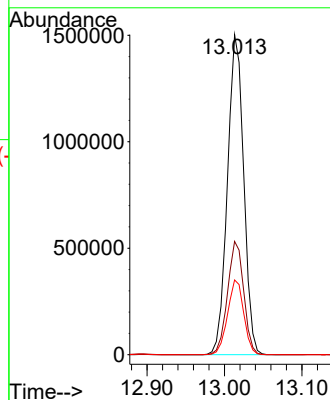
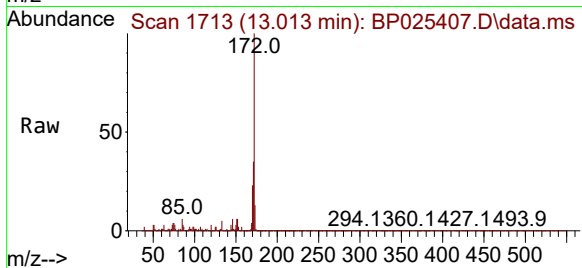
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#46

1,1'-Biphenyl

Concen: 43.798 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

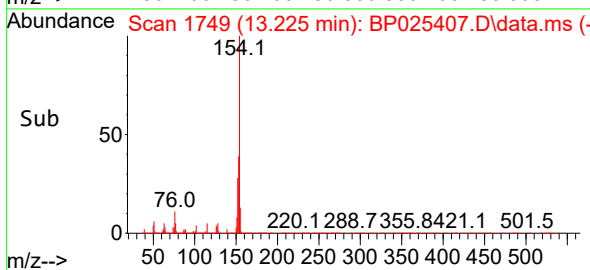
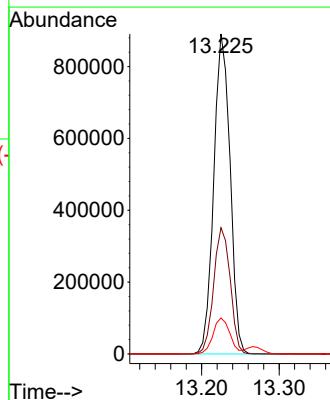
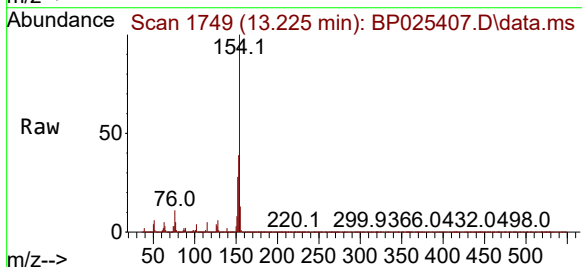
Tgt Ion:154 Resp: 1304149

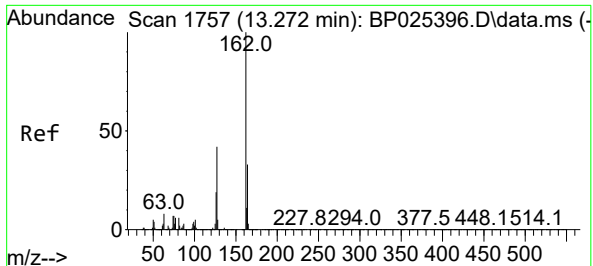
Ion Ratio Lower Upper

154 100

153 39.5 19.5 59.5

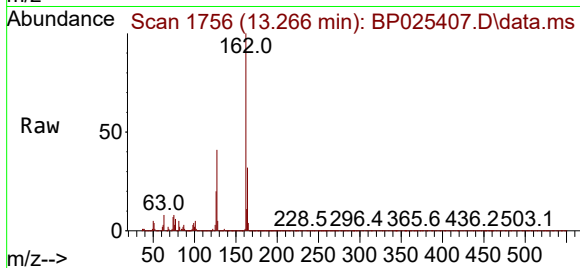
76 11.3 0.0 31.1





#47
2-Chloronaphthalene
Concen: 43.855 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

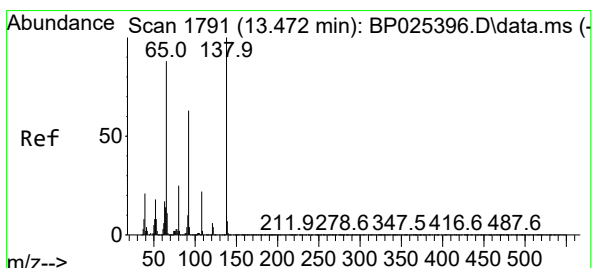
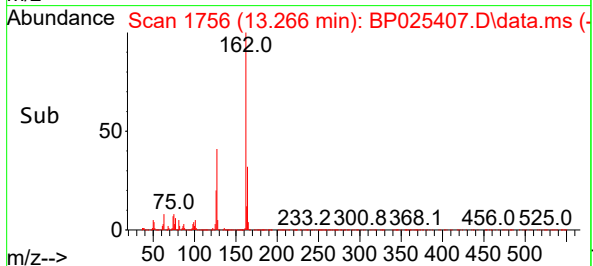
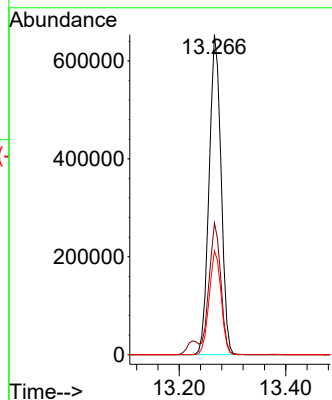


Tgt Ion:162 Resp: 101659
Ion Ratio Lower Upper
162 100
127 41.1 33.4 50.2
164 32.4 26.2 39.2

Manual Integrations
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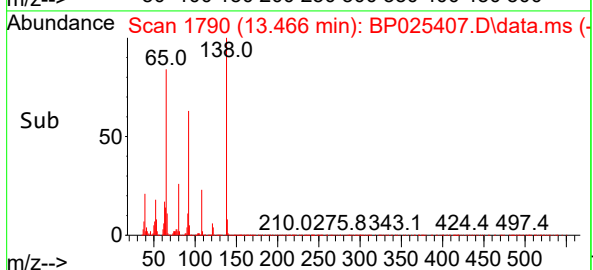
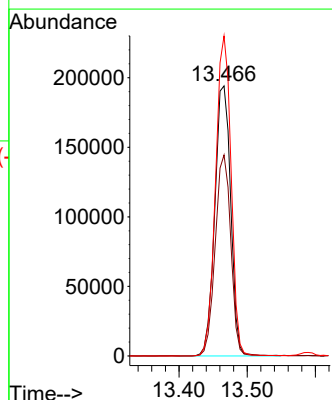
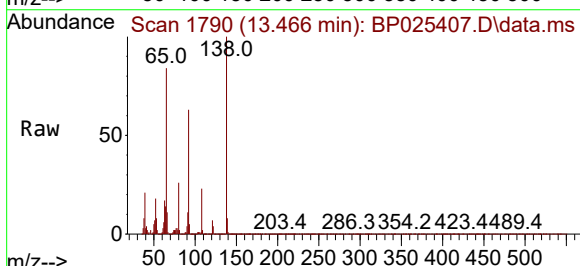
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

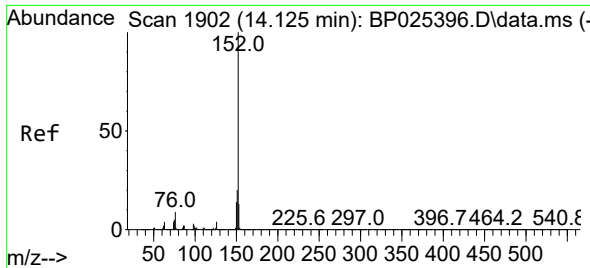
Supervised By :Jagrut
Upadhyay
08/15/2025



#48
2-Nitroaniline
Concen: 46.623 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 65 Resp: 314909
Ion Ratio Lower Upper
65 100
92 74.4 57.6 86.4
138 118.5 91.0 136.6





#49

Acenaphthylene

Concen: 44.492 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:152 Resp: 1706619

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.2 10.6 15.8

Manual Integrations

APPROVED

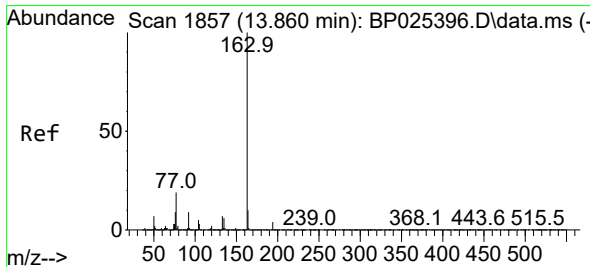
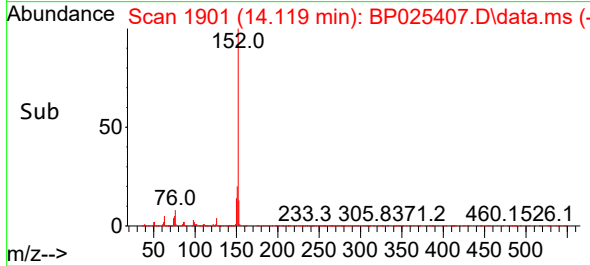
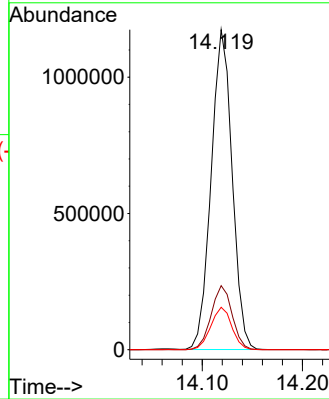
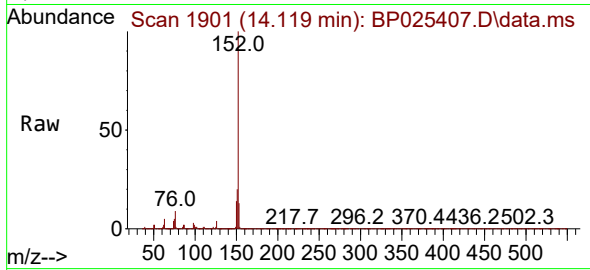
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#50

Dimethylphthalate

Concen: 45.780 ng

RT: 13.854 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

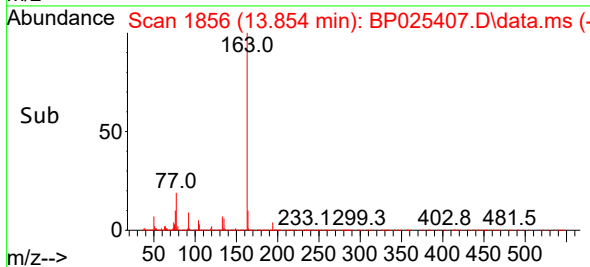
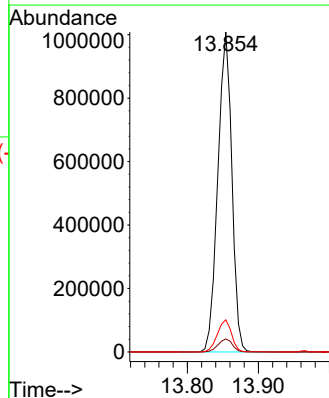
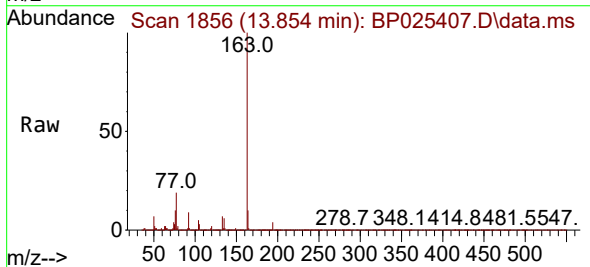
Tgt Ion:163 Resp: 1374506

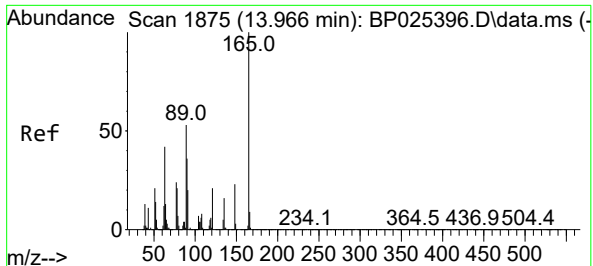
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

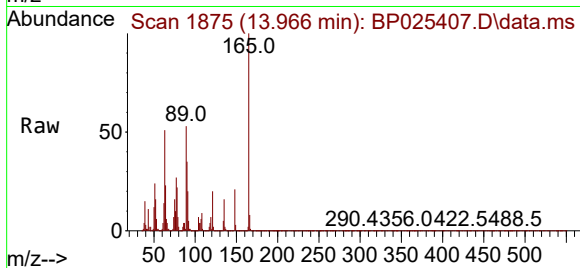
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.635 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

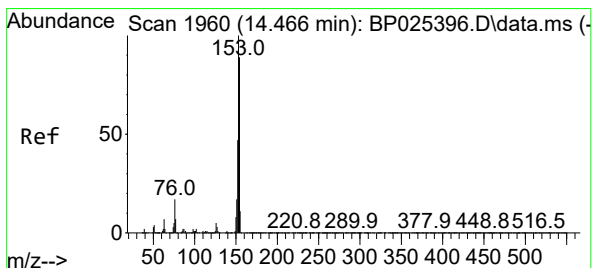
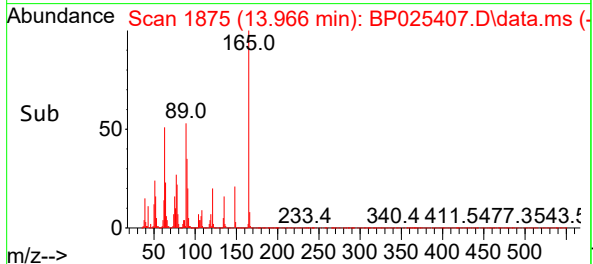
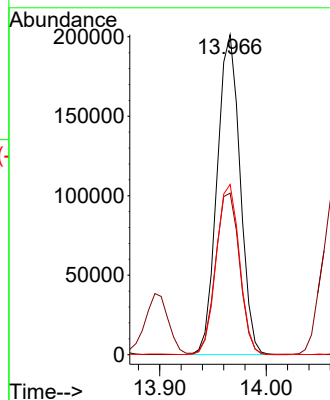


Tgt Ion:165 Resp: 30144
Ion Ratio Lower Upper
165 100
63 50.5 40.9 61.3
89 53.2 42.1 63.1

Manual Integrations
APPROVED

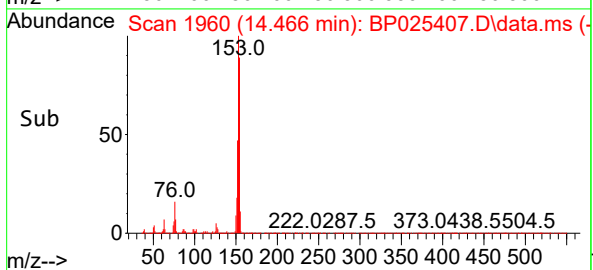
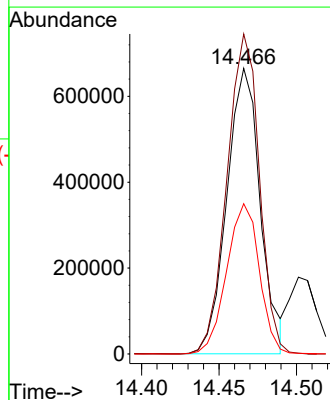
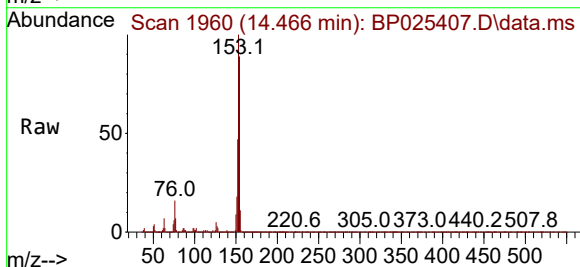
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

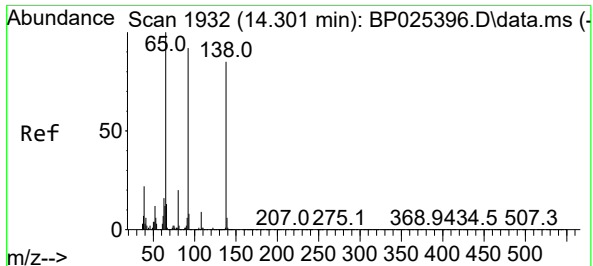
Supervised By :Jagrut
Upadhyay
08/15/2025



#52
Acenaphthene
Concen: 44.278 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

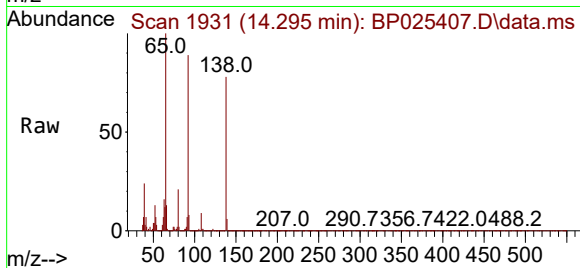
Tgt Ion:154 Resp: 996925
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 34.892 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

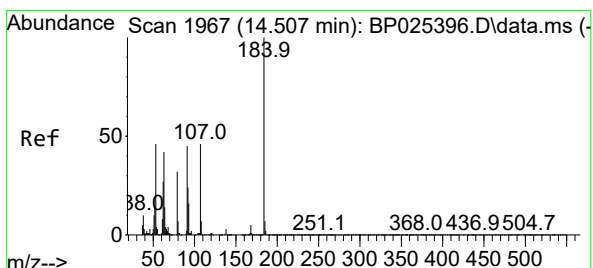
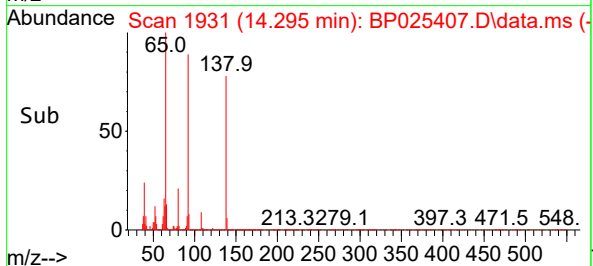
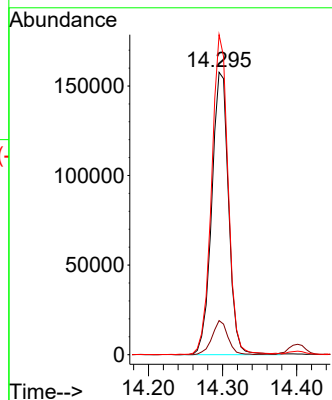


Tgt Ion:138 Resp: 24842
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 113.3 86.2 129.2

Manual Integrations
APPROVED

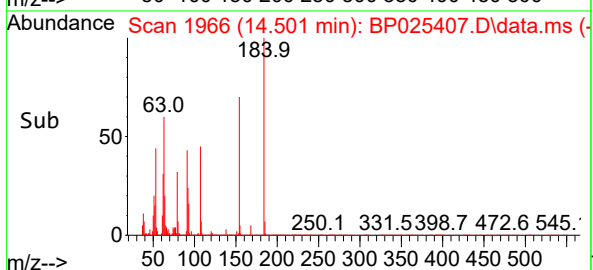
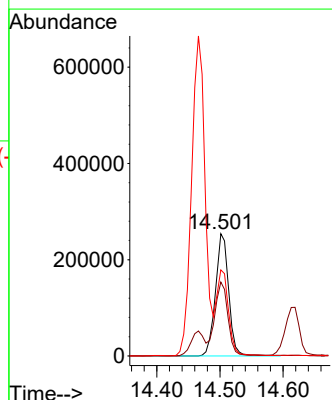
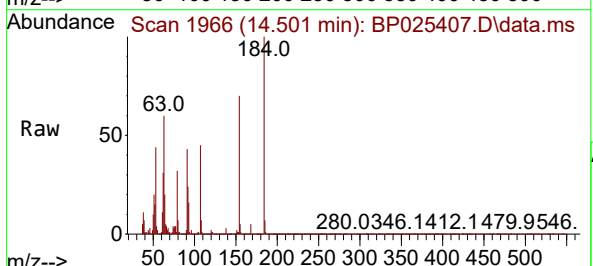
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

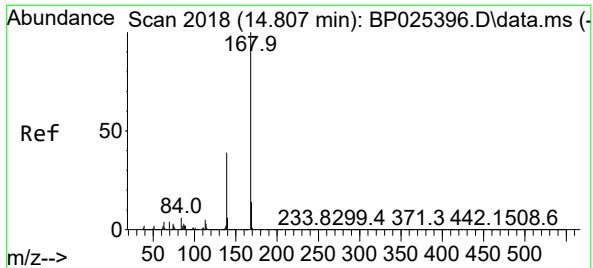
Supervised By :Jagrut
Upadhyay
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#54
2,4-Dinitrophenol
Concen: 109.516 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

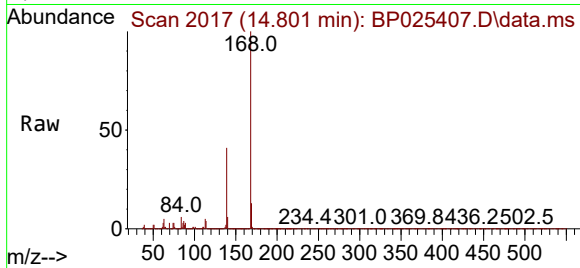
Tgt Ion:184 Resp: 370101
Ion Ratio Lower Upper
184 100
63 60.5 49.4 74.2
154 70.4 54.6 82.0





#55
Dibenzenofuran
Concen: 44.166 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

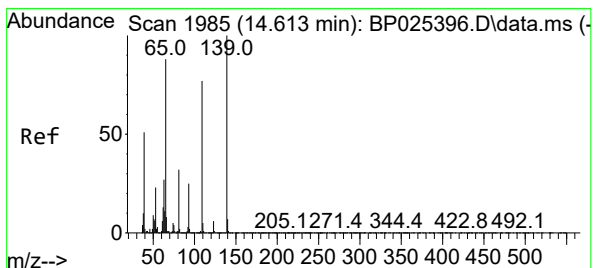
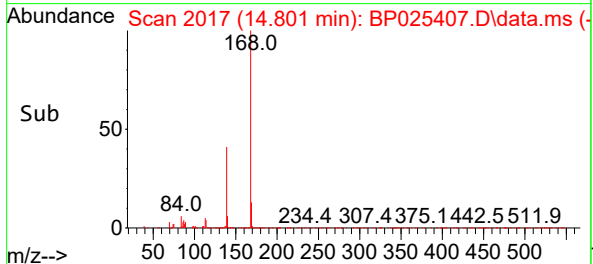
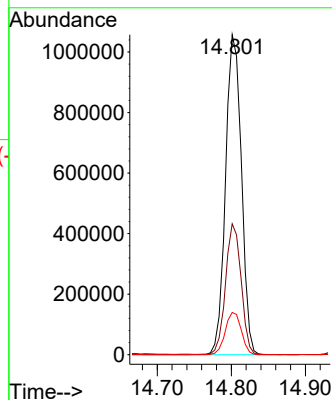


Tgt Ion:168 Resp: 1572174
Ion Ratio Lower Upper
168 100
139 40.9 31.5 47.3
169 13.2 10.9 16.3

Manual Integrations
APPROVED

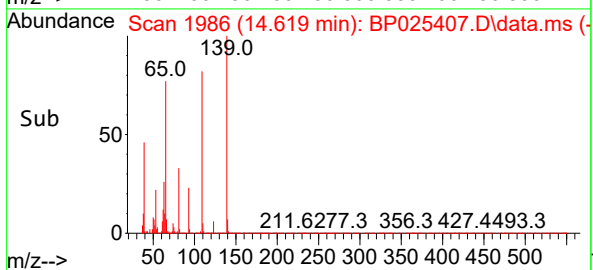
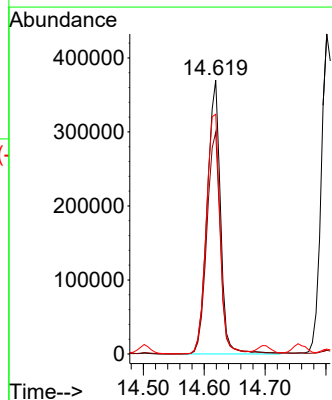
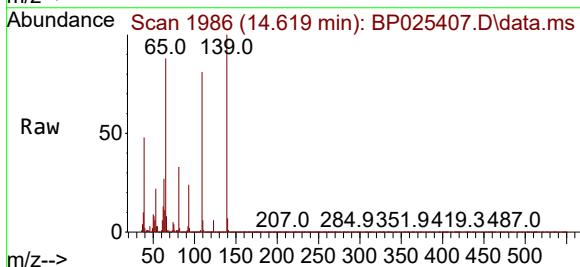
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

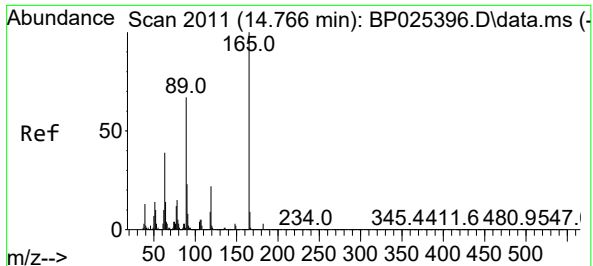
Supervised By :Jagrut
Upadhyay
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#56
4-Nitrophenol
Concen: 96.372 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:139 Resp: 563832
Ion Ratio Lower Upper
139 100
109 81.0 56.6 96.6
65 87.6 68.2 108.2





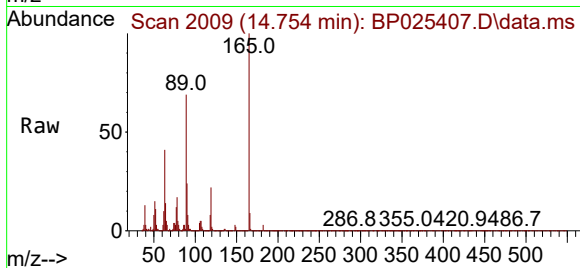
#57
2,4-Dinitrotoluene
Concen: 48.036 ng
RT: 14.754 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

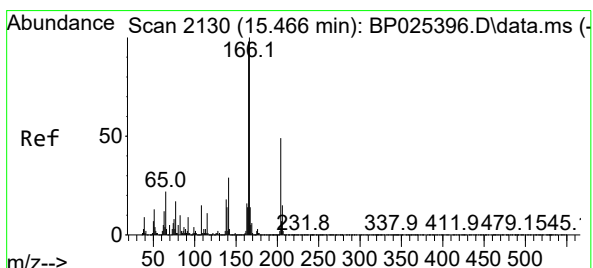
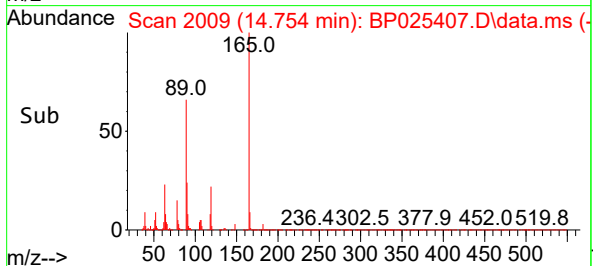
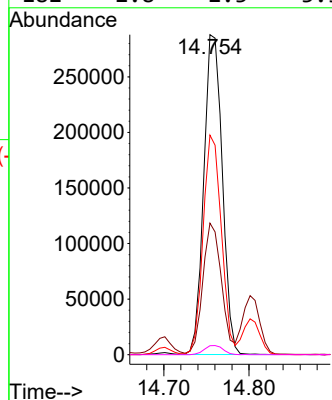


Tgt Ion:165 Resp: 433702
Ion Ratio Lower Upper
165 100
63 41.1 31.4 47.2
89 68.6 53.3 79.9
182 2.8 2.3 3.5

Manual Integrations
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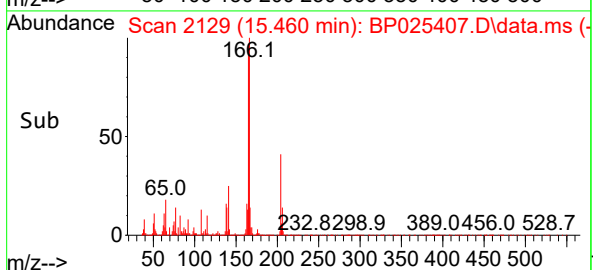
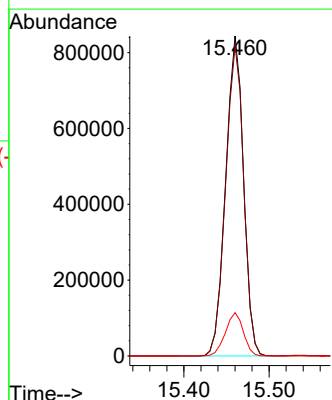
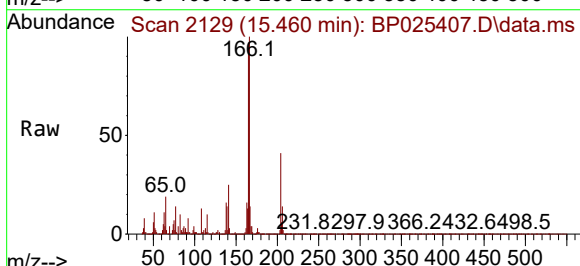
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

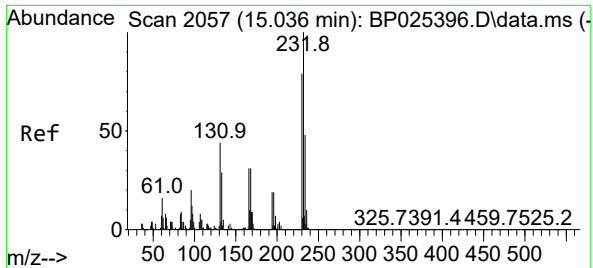
Supervised By :Jagrut
Upadhyay
08/15/2025



#58
Fluorene
Concen: 43.839 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

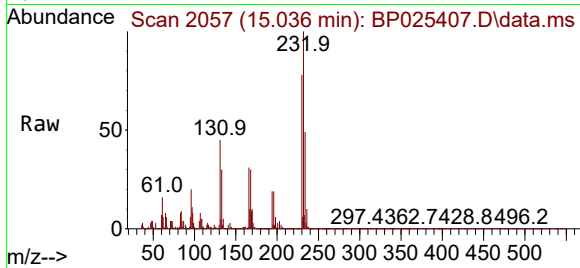
Tgt Ion:166 Resp: 1231357
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.768 ng
RT: 15.036 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

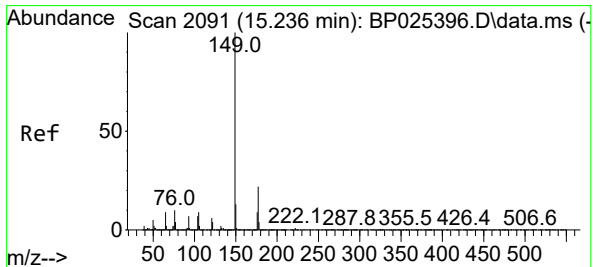
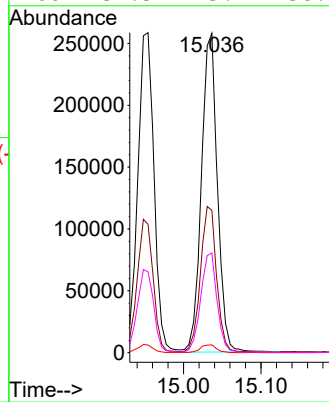
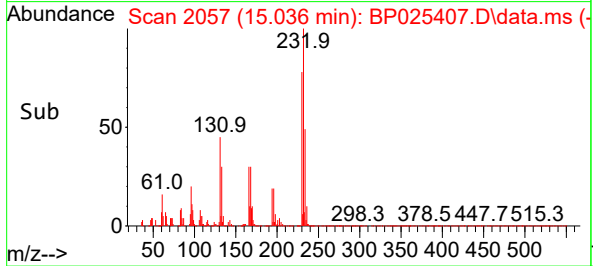


Tgt Ion:232 Resp: 36954
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 2.5 1.9 2.9
166 31.5 25.4 38.0

Manual Integrations
APPROVED

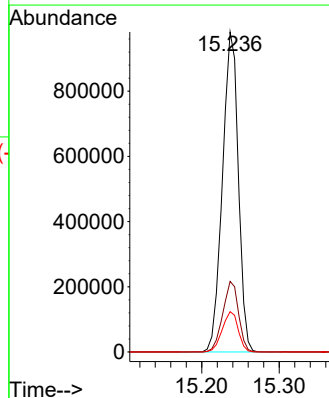
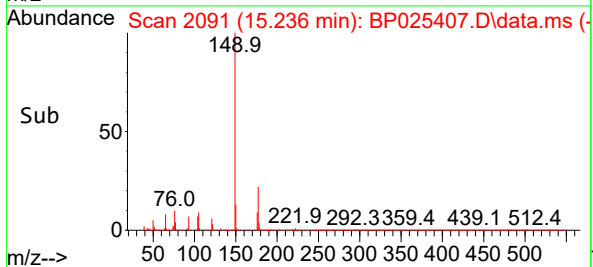
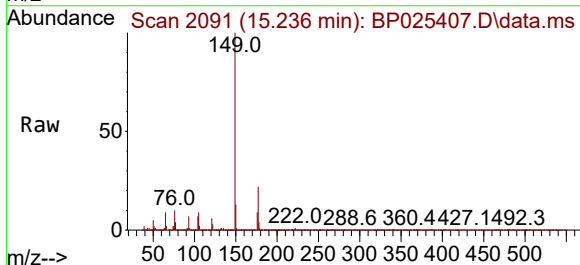
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

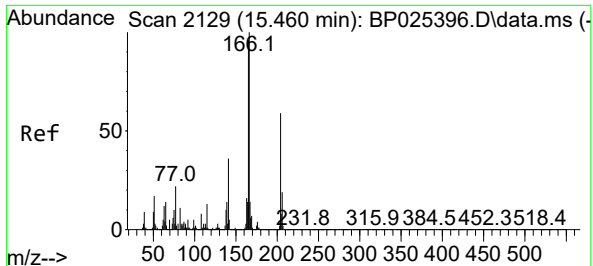
Supervised By :Jagrut
Upadhyay
08/15/2025



#60
Diethylphthalate
Concen: 45.748 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

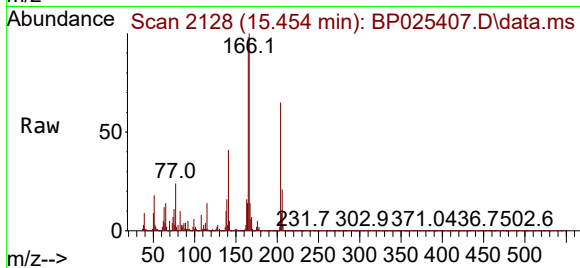
Tgt Ion:149 Resp: 1395643
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.228 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

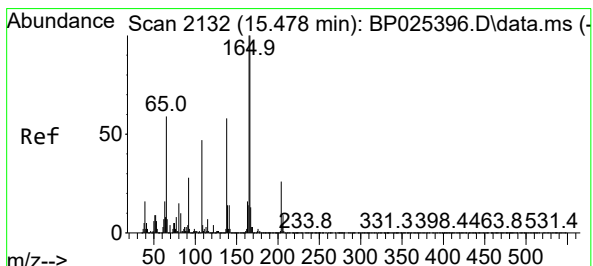
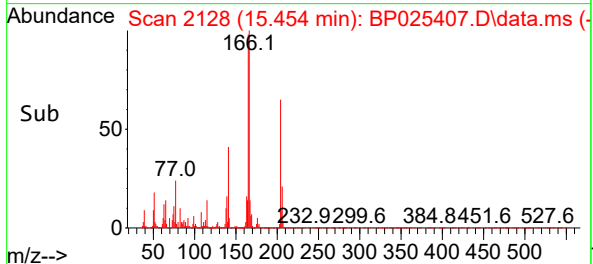
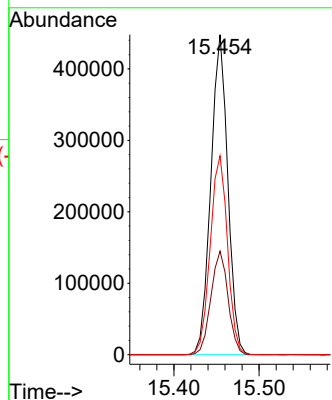


Tgt Ion:204 Resp: 61784
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 62.2 49.4 74.2

Manual Integrations
APPROVED

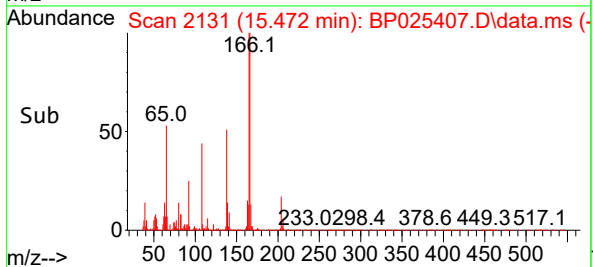
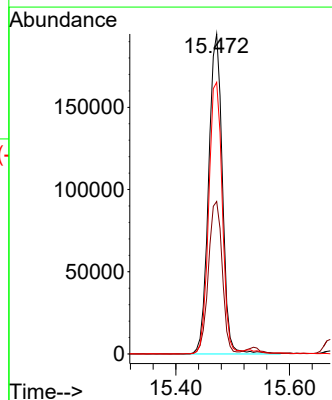
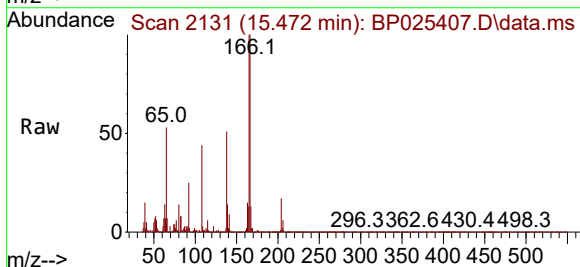
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

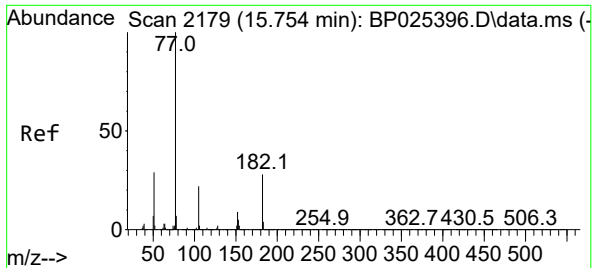
Supervised By :Jagrut
Upadhyay
08/15/2025



#62
4-Nitroaniline
Concen: 44.688 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

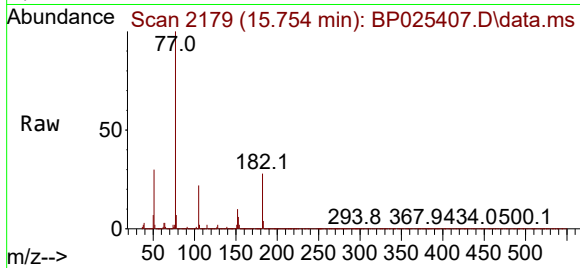
Tgt Ion:138 Resp: 326180
Ion Ratio Lower Upper
138 100
92 47.7 29.1 69.1
108 84.9 61.5 101.5





#63
Azobenzene
Concen: 45.267 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

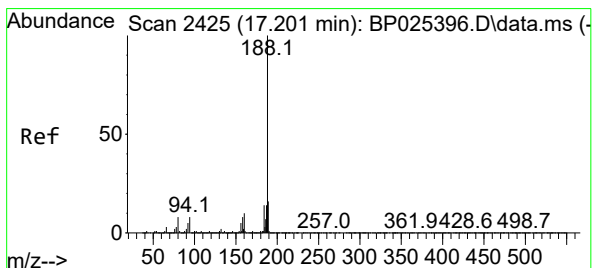
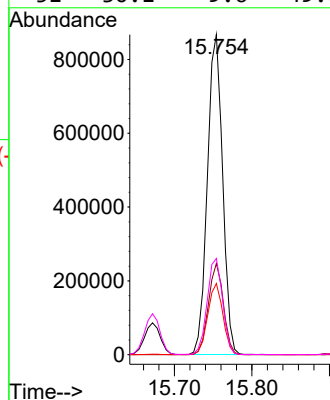
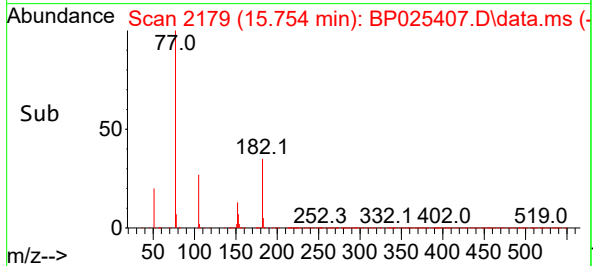


Tgt Ion: 77 Resp: 1182478
Ion Ratio Lower Upper
77 100
182 28.5 7.5 47.5
105 22.2 2.1 42.1
51 30.1 9.6 49.6

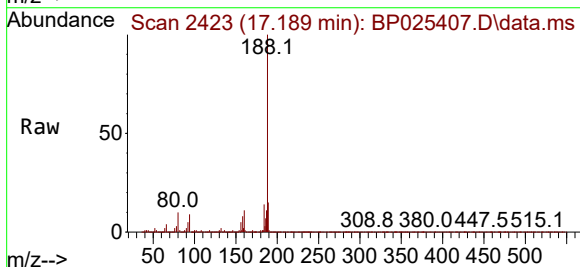
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

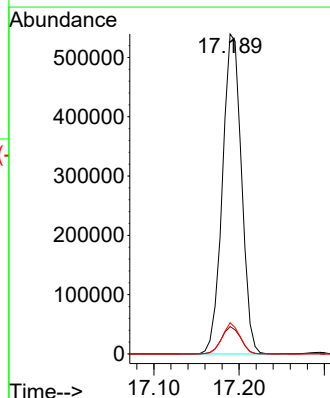
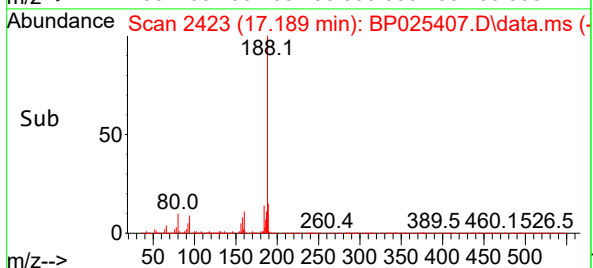
Supervised By :Jagrut
Upadhyay
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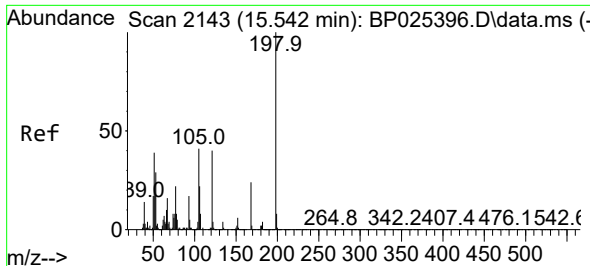


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18



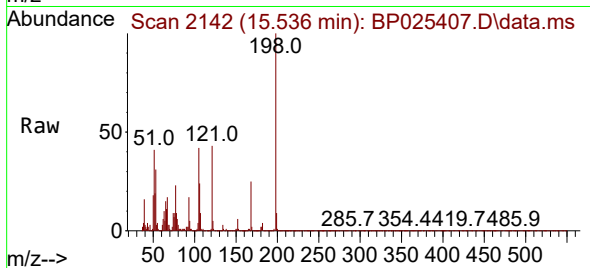
Tgt Ion:188 Resp: 838541
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.069 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

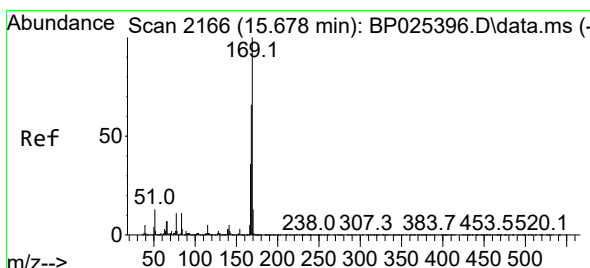
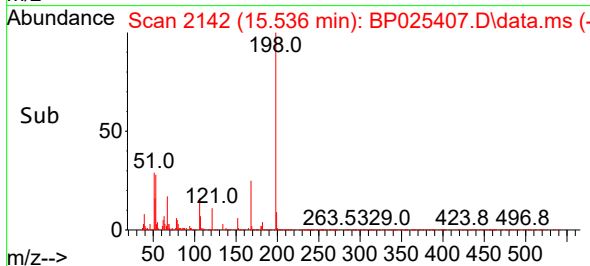
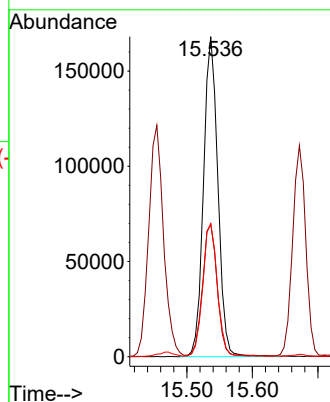


Tgt Ion:198 Resp: 256489
Ion Ratio Lower Upper
198 100
51 41.4 19.6 59.6
105 41.6 20.9 60.9

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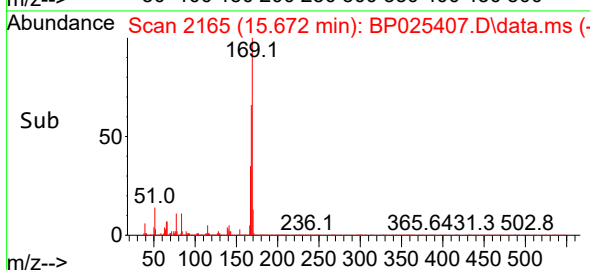
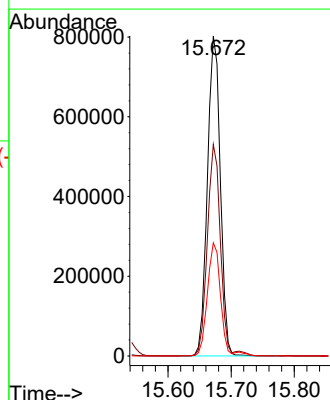
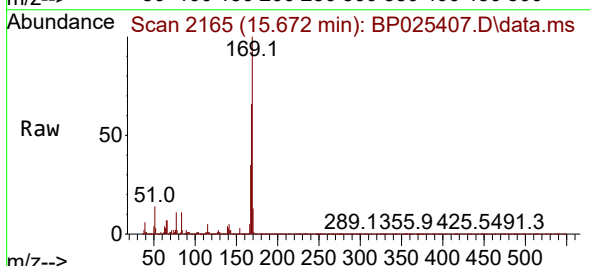
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

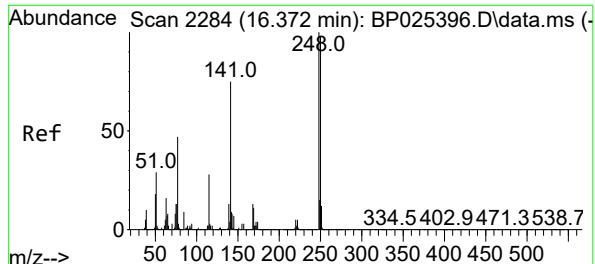
Supervised By :Jagrut
Upadhyay
08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 44.624 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

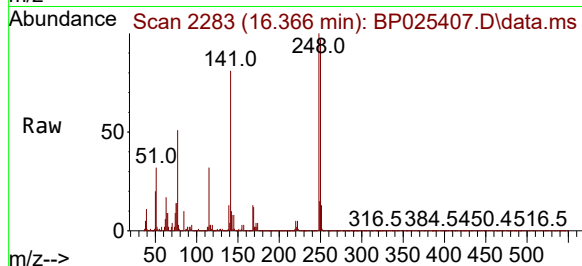
Tgt Ion:169 Resp: 1141054
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.031 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

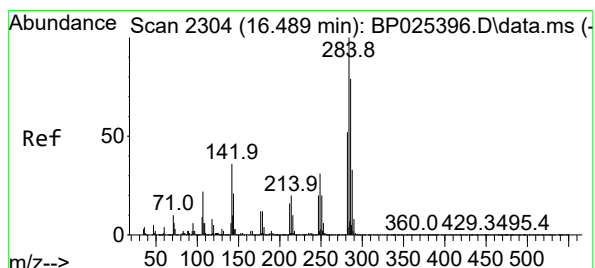
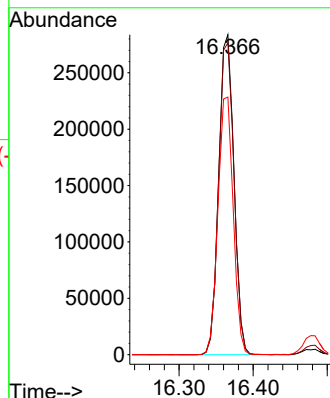
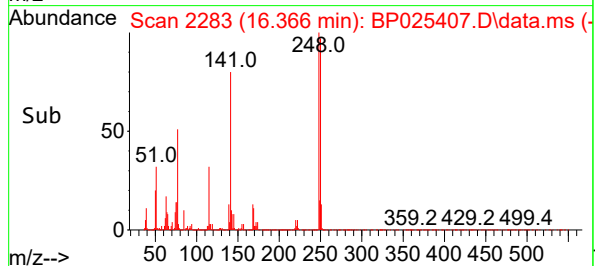


Tgt Ion:248 Resp: 40607
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 80.5 59.6 89.4

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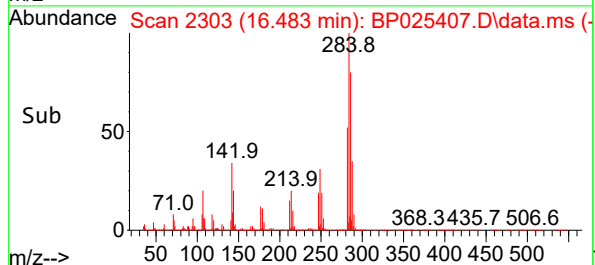
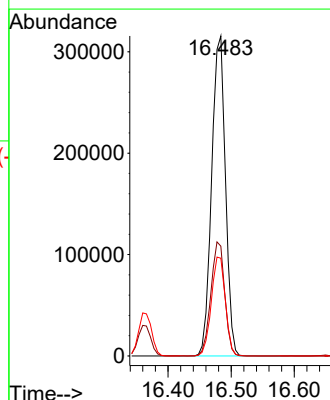
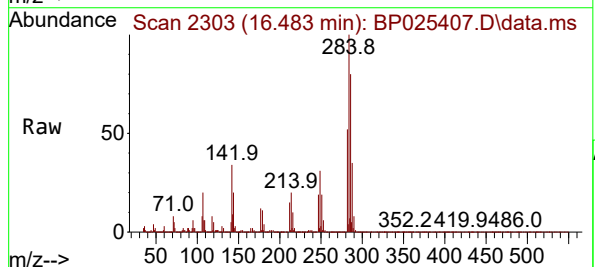
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

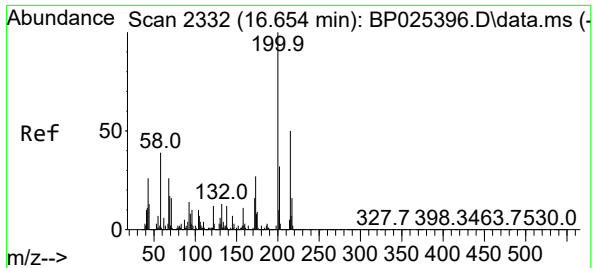
Supervised By :Jagrut
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08/15/2025



#68
Hexachlorobenzene
Concen: 44.629 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

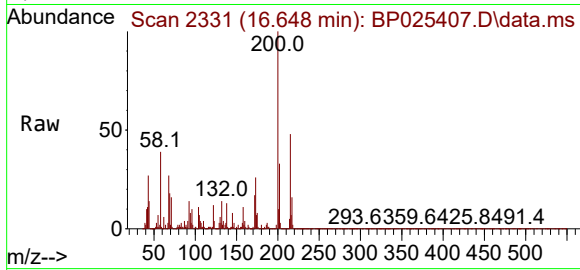
Tgt Ion:284 Resp: 477112
Ion Ratio Lower Upper
284 100
142 34.3 29.1 43.7
249 30.5 25.0 37.4





#69
Atrazine
Concen: 45.593 ng
RT: 16.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

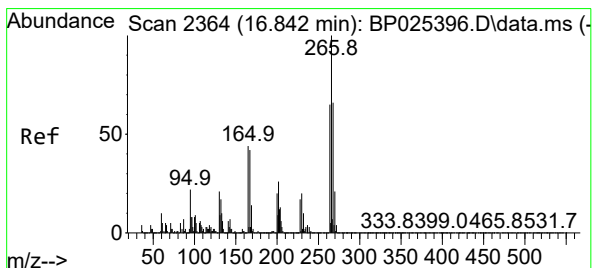
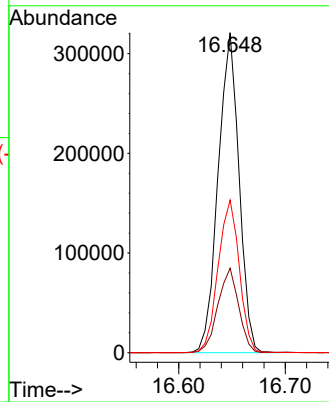


Tgt Ion:200 Resp: 436604
Ion Ratio Lower Upper
200 100
173 26.4 6.7 46.7
215 47.7 29.7 69.7

Manual Integrations
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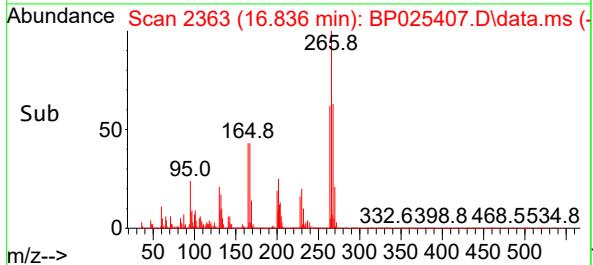
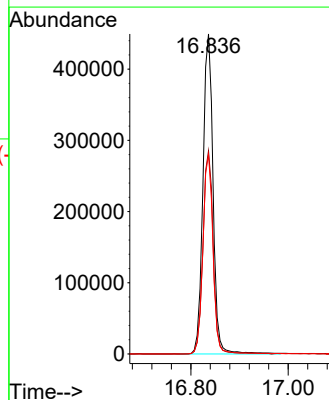
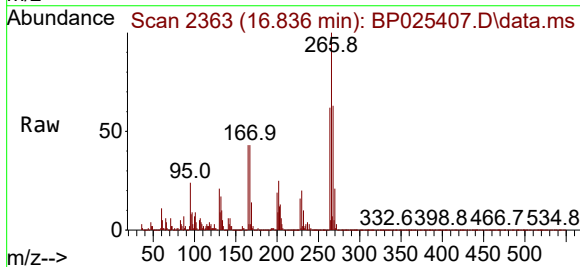
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

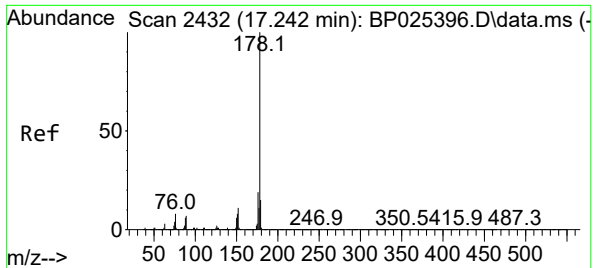
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#70
Pentachlorophenol
Concen: 95.922 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

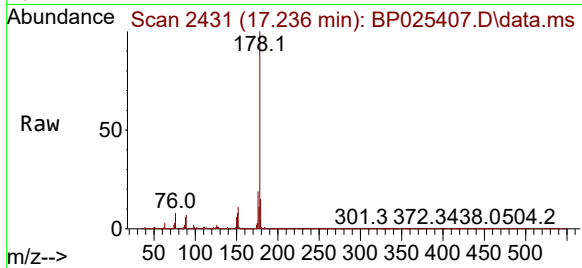
Tgt Ion:266 Resp: 647332
Ion Ratio Lower Upper
266 100
268 63.5 52.6 79.0
264 62.3 52.0 78.0





#71
Phenanthrene
Concen: 44.483 ng
RT: 17.236 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

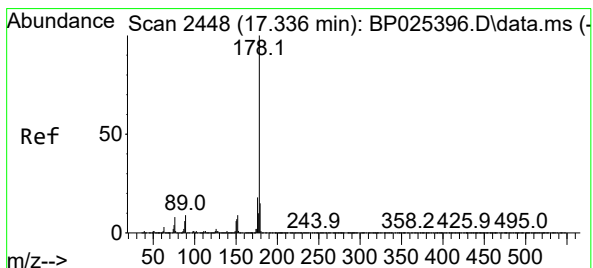
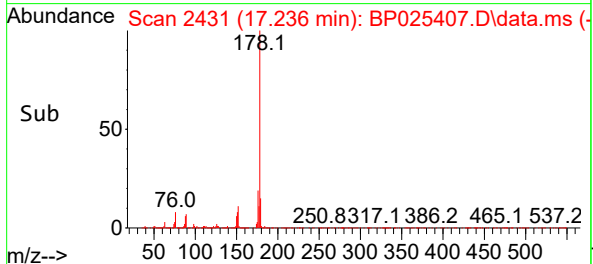
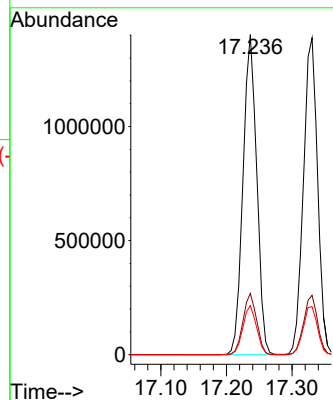


Tgt Ion:178 Resp: 204903
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.2 18.4

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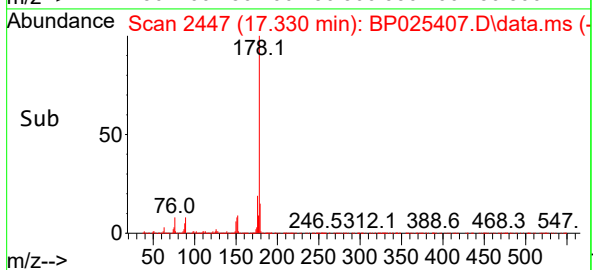
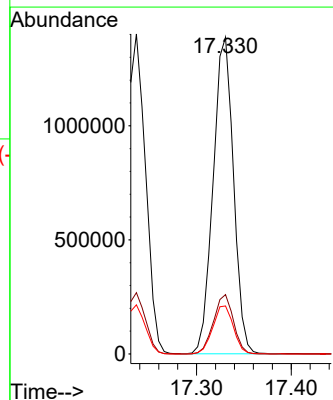
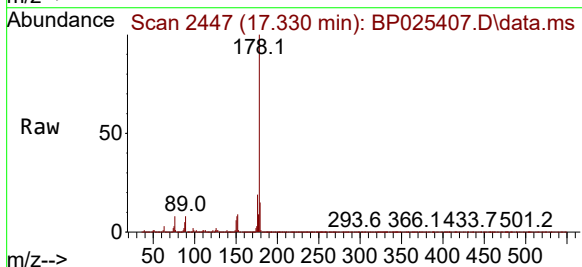
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

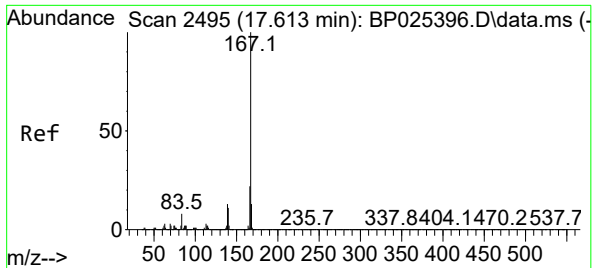
Supervised By :Jagrut
Upadhyay
08/15/2025



#72
Anthracene
Concen: 44.046 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

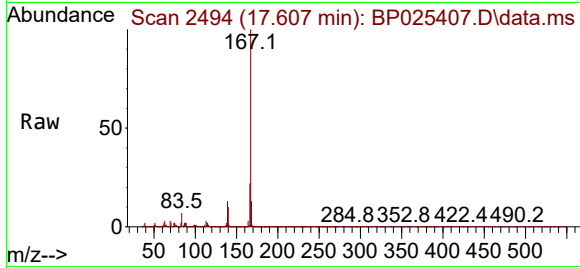
Tgt Ion:178 Resp: 2071926
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 44.780 ng
 RT: 17.607 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

Instrument :
 BNA_P
 ClientSampleId :
 PB169228BS

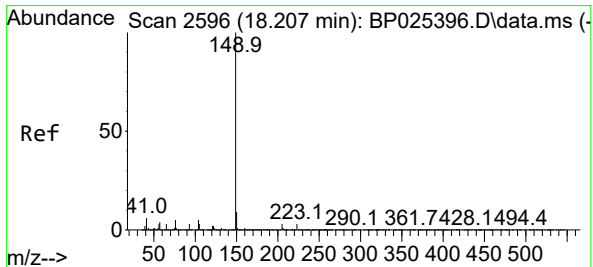
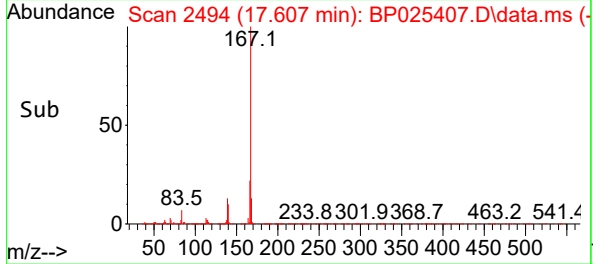
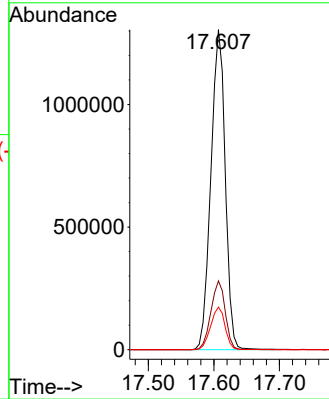


Tgt Ion:167 Resp: 1984094
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.3 10.6 16.0

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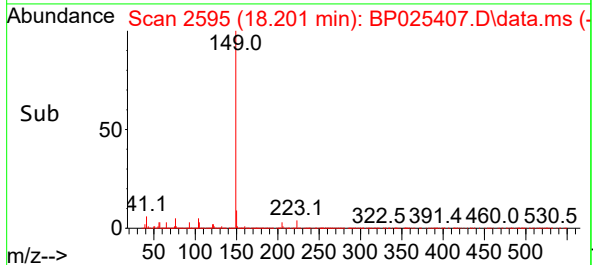
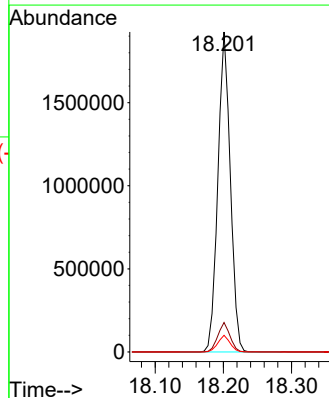
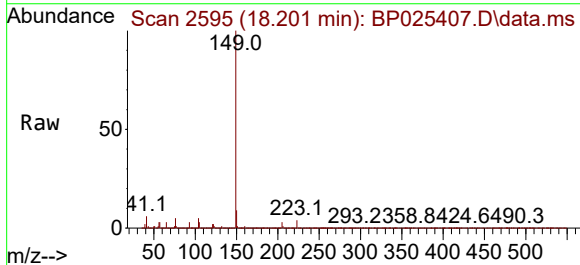
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

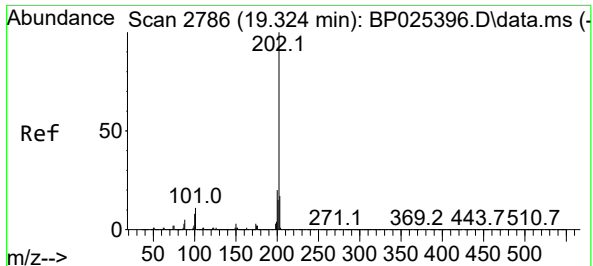
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 Upadhyay
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#74
 Di-n-butylphthalate
 Concen: 44.814 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025407.D
 Acq: 15 Aug 2025 00:18

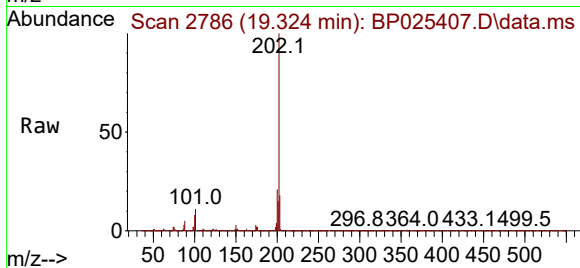
Tgt Ion:149 Resp: 2442996
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 44.153 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

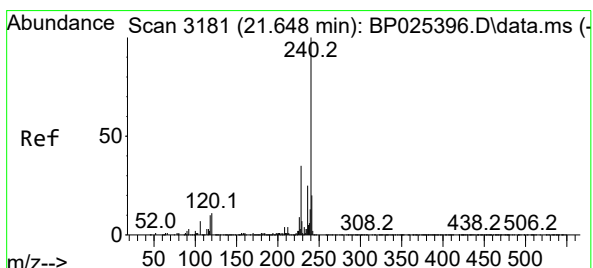
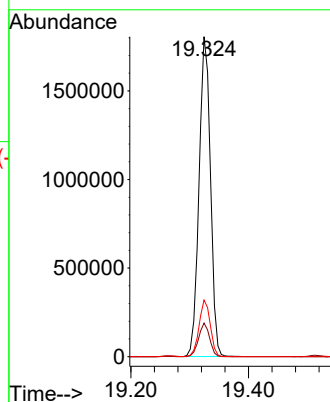
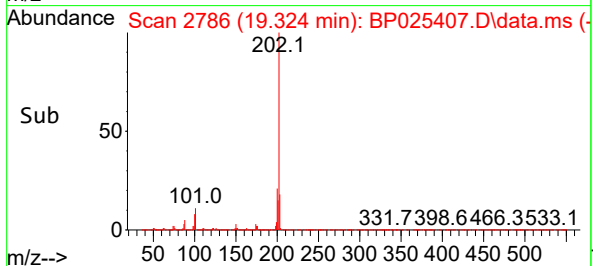


Tgt Ion:202 Resp: 2426038
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.7 0.0 37.3

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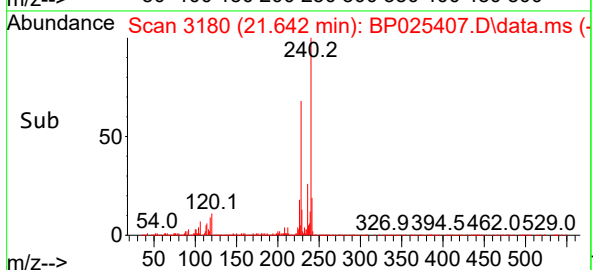
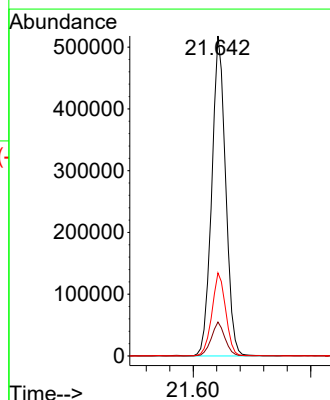
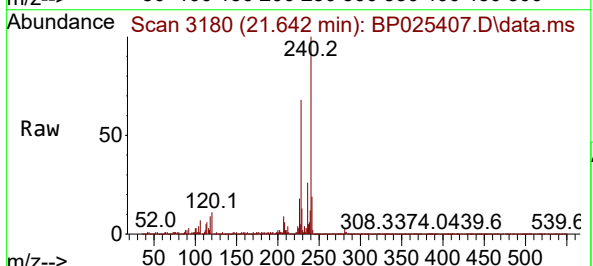
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

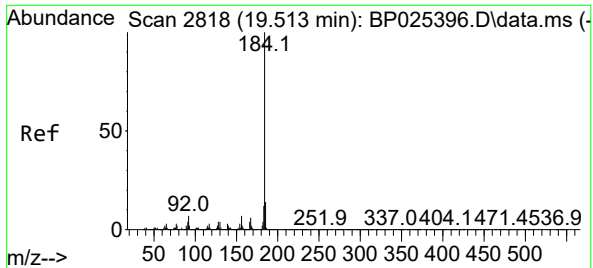
Supervised By :Jagrut
Upadhyay
08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

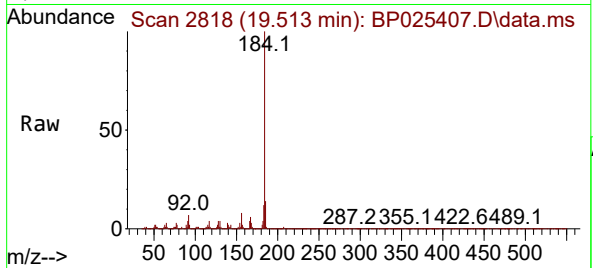
Tgt Ion:240 Resp: 848930
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.0 19.8 29.8





#77
Benzidine
Concen: 48.212 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

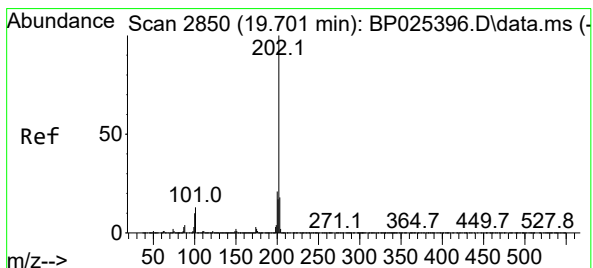
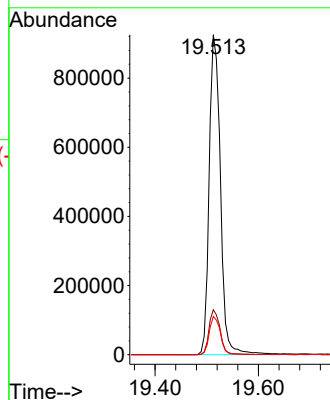


Tgt Ion:184 Resp: 1396799
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 12.0 9.4 14.2

Manual Integrations
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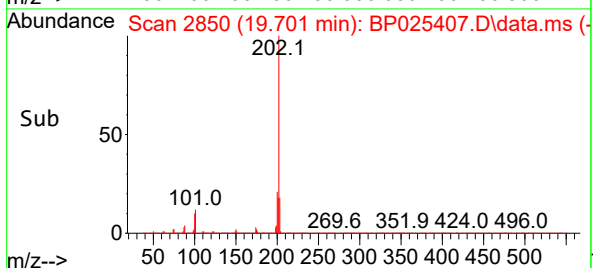
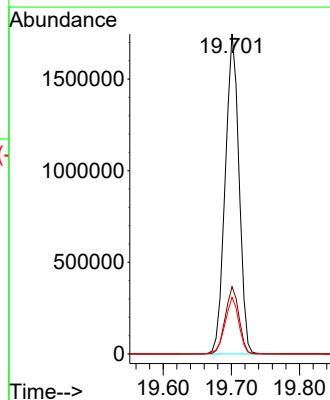
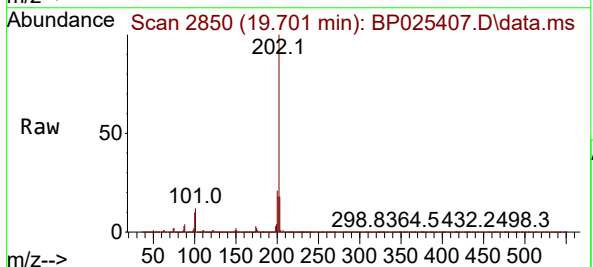
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

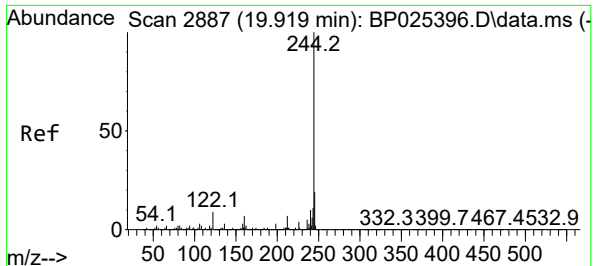
Supervised By :Jagrut
Upadhyay
08/15/2025



#78
Pyrene
Concen: 44.610 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:202 Resp: 2461482
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 14.2 21.2





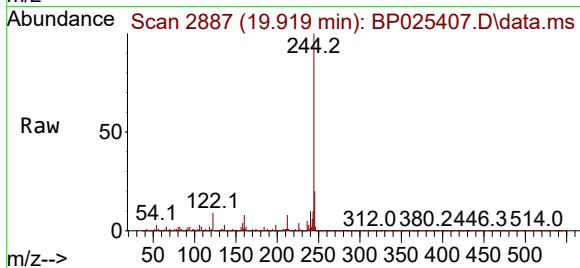
#79
Terphenyl-d14
Concen: 77.373 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS



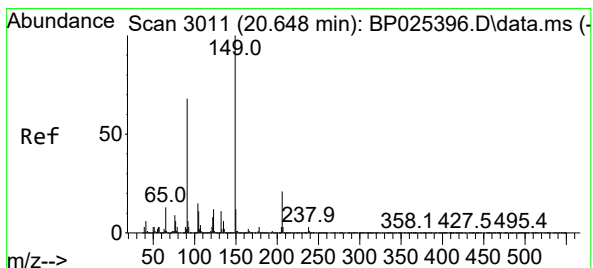
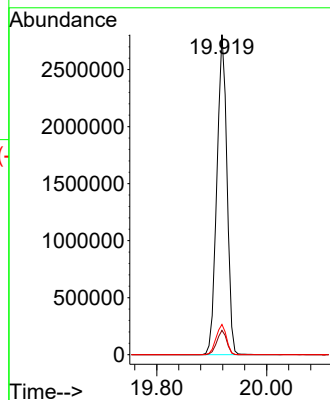
Tgt Ion:244 Resp: 359015
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.5 7.4 11.2

Manual Integrations

APPROVED

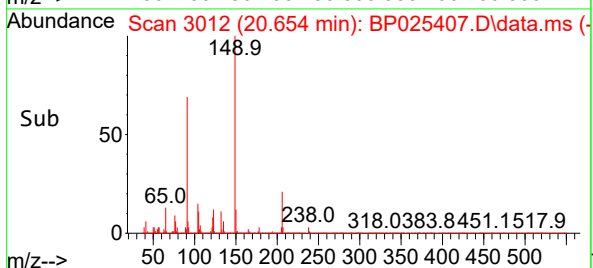
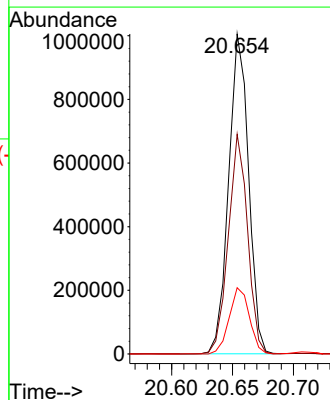
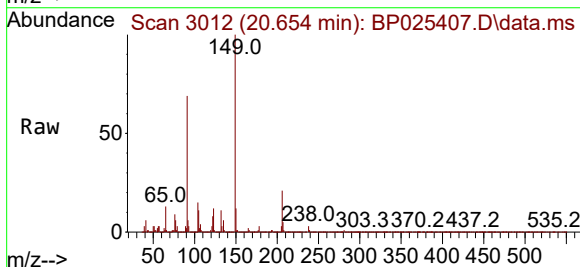
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

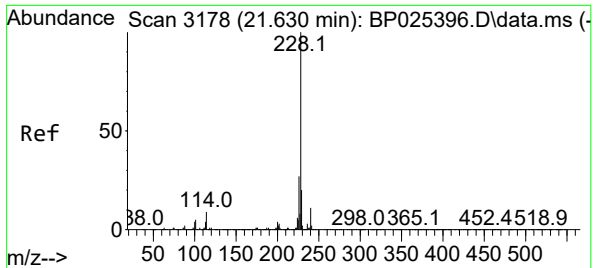
Supervised By :Jagrut
Upadhyay
08/15/2025



#80
Butylbenzylphthalate
Concen: 45.758 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:149 Resp: 1144283
Ion Ratio Lower Upper
149 100
91 68.7 54.2 81.2
206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.593 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

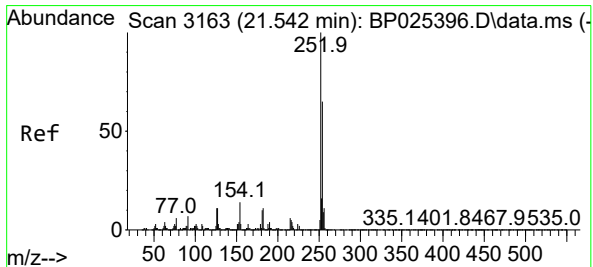
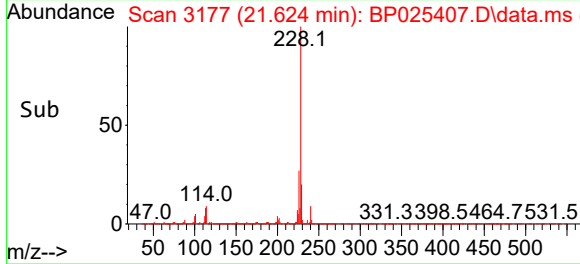
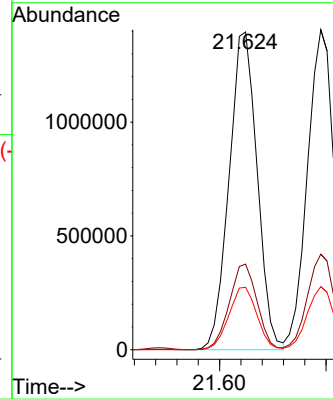
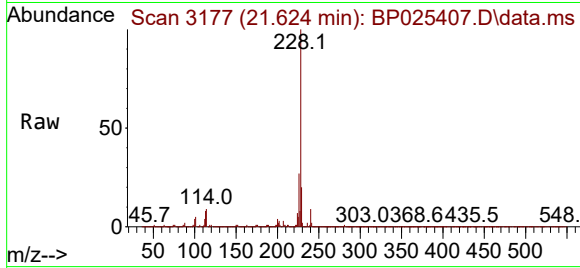
PB169228BS

Tgt Ion:228 Resp: 2552604
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.6 23.4

Manual Integrations
APPROVED

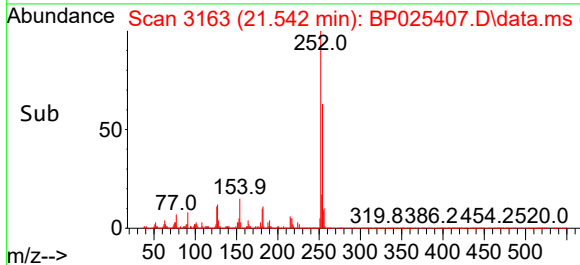
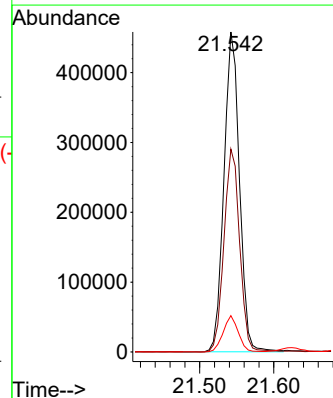
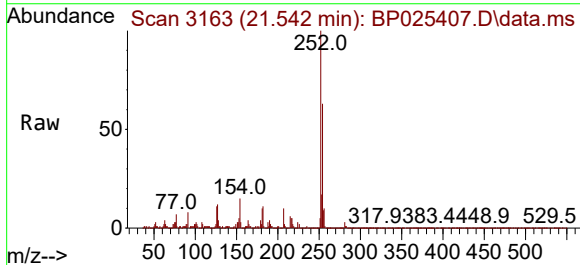
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

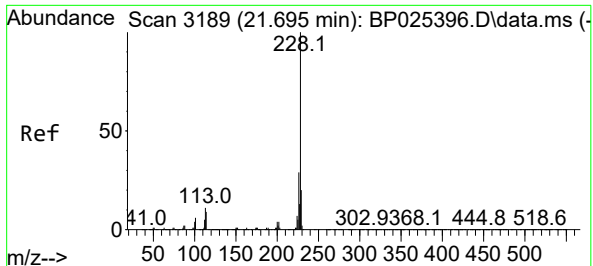
Supervised By :Jagrut
Upadhyay
08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.552 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

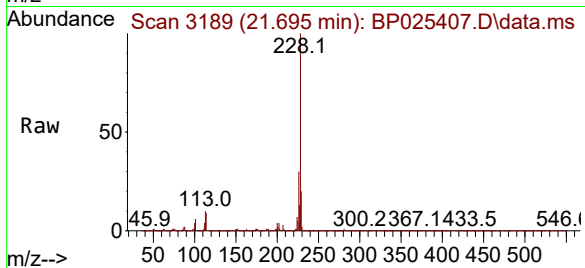
Tgt Ion:252 Resp: 665844
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.6
126 11.4 9.1 13.7





#83
Chrysene
Concen: 45.457 ng
RT: 21.695 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

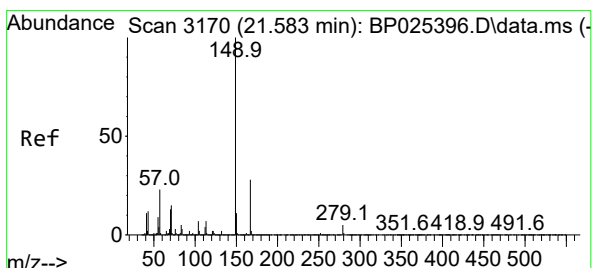
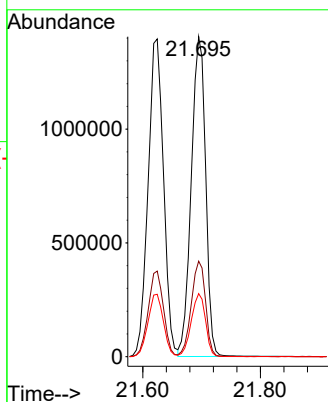


Tgt Ion:228 Resp: 2383389
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 19.7 15.6 23.4

Manual Integrations
APPROVED

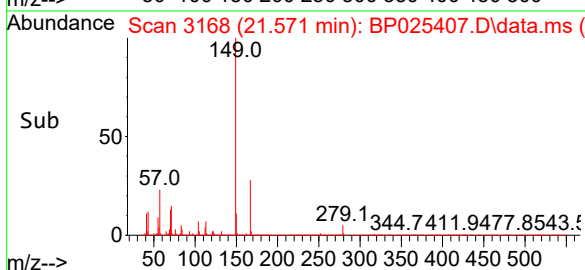
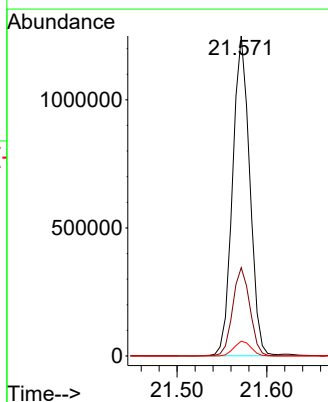
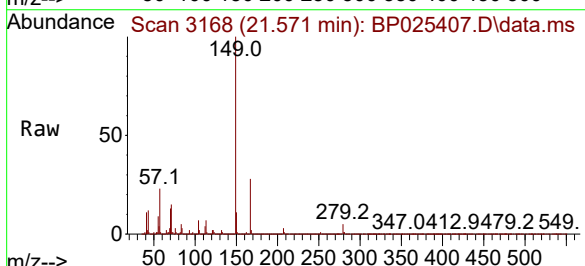
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

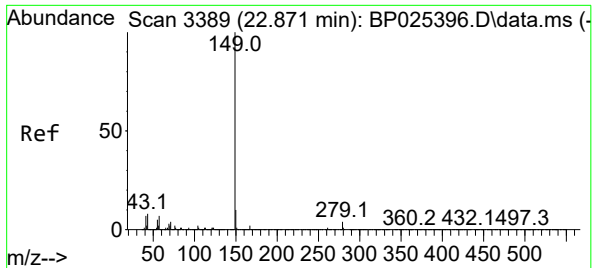
Supervised By :Jagrut
Upadhyay
08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.102 ng
RT: 21.571 min Scan# 3168
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion:149 Resp: 1660300
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.6 3.8 5.6





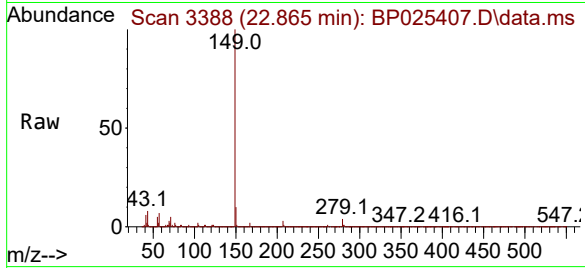
#85
Di-n-octyl phthalate
Concen: 45.504 ng
RT: 22.865 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

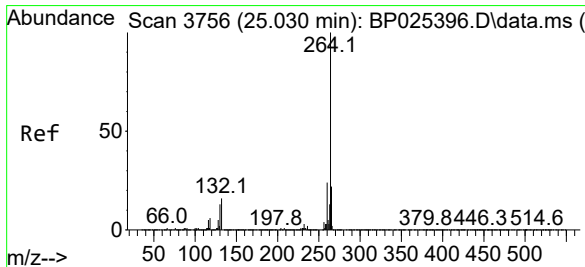
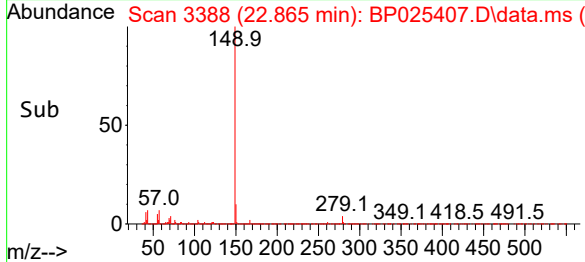
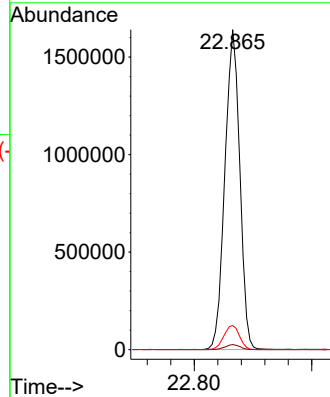


Tgt Ion:149 Resp: 2881260
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

Manual Integrations
APPROVED

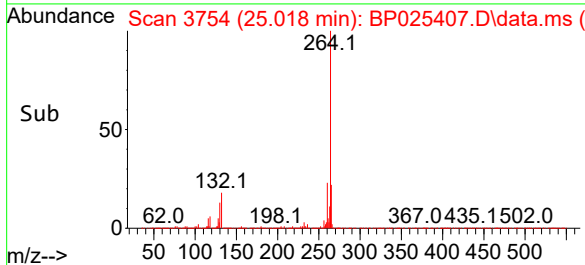
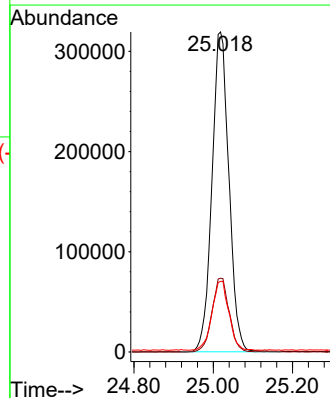
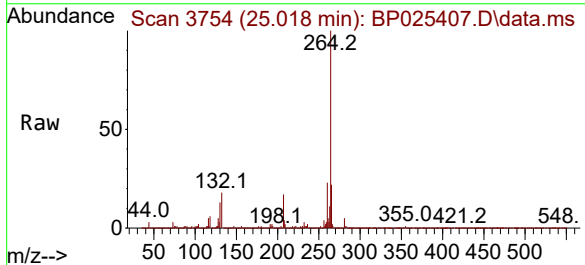
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

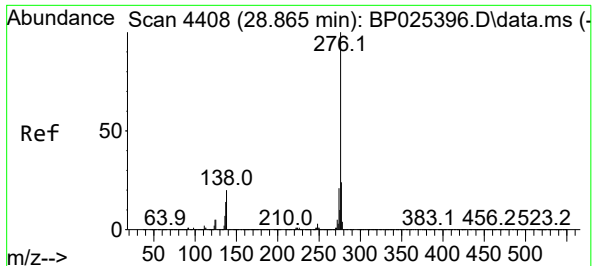
Supervised By :Jagrut
Upadhyay
08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

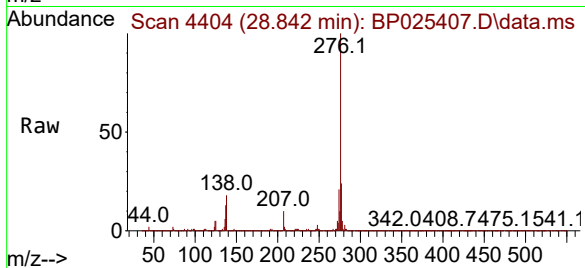
Tgt Ion:264 Resp: 946447
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.257 ng m
RT: 28.842 min Scan# 4408
Delta R.T. -0.023 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

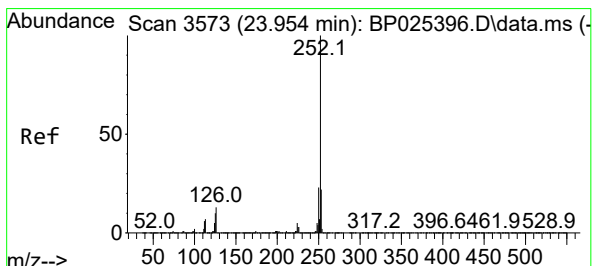
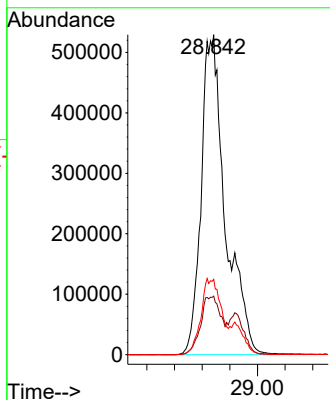
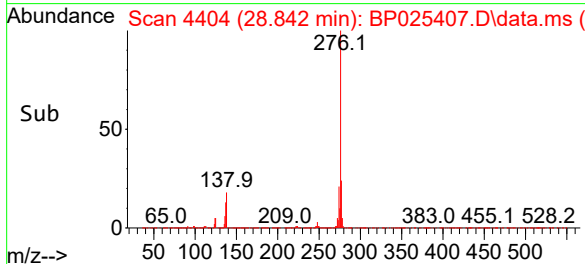


Tgt Ion: 276 Resp: 321065
Ion Ratio Lower Upper
276 100
138 0.0 12.9 19.3
277 0.0 17.0 25.6

Manual Integrations
APPROVED

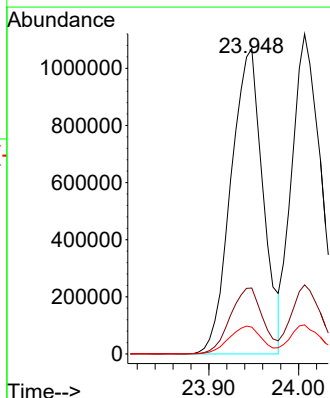
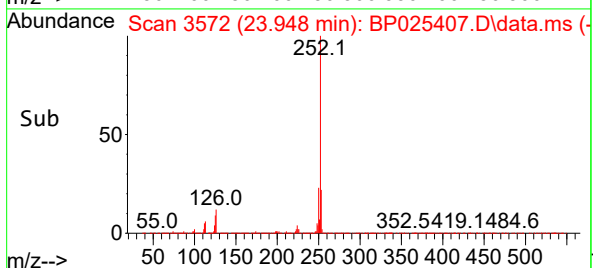
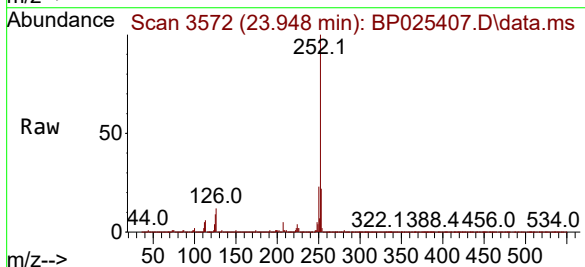
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

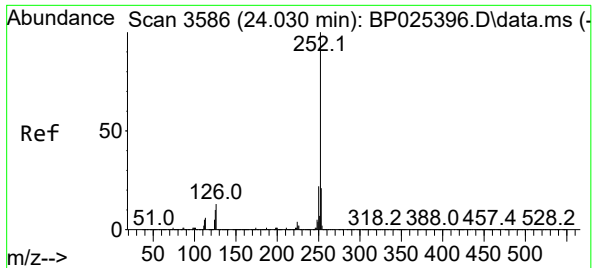
Supervised By :Jagrut
Upadhyay
08/15/2025



#88
Benzo(b)fluoranthene
Concen: 47.402 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 252 Resp: 2645452
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.736 ng

RT: 24.007 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

Instrument :

BNA_P

ClientSampleId :

PB169228BS

Tgt Ion:252 Resp: 255421

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.1 7.8 11.6

Manual Integrations

APPROVED

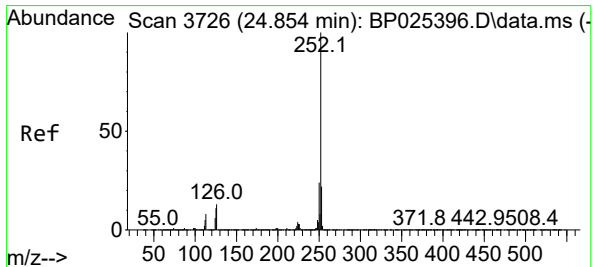
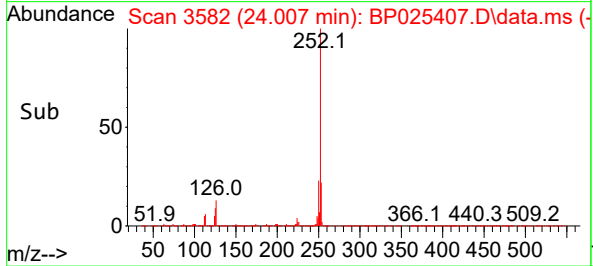
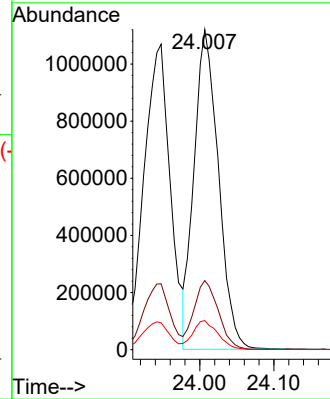
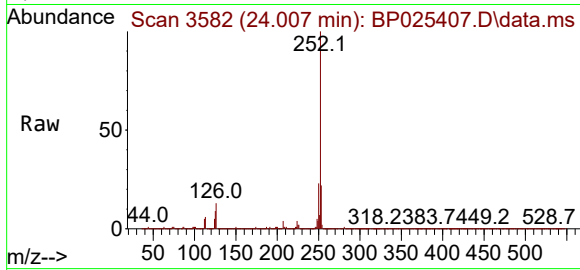
Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut

Upadhyay

08/15/2025



#90

Benzo(a)pyrene

Concen: 46.840 ng

RT: 24.848 min Scan# 3725

Delta R.T. -0.006 min

Lab File: BP025407.D

Acq: 15 Aug 2025 00:18

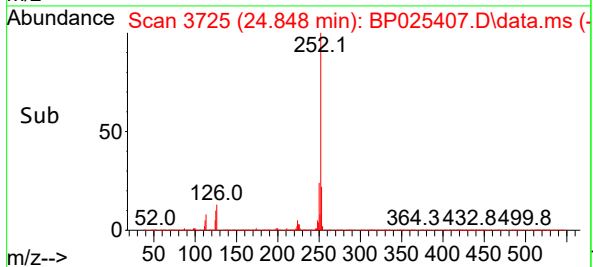
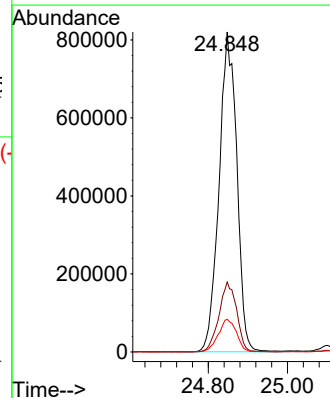
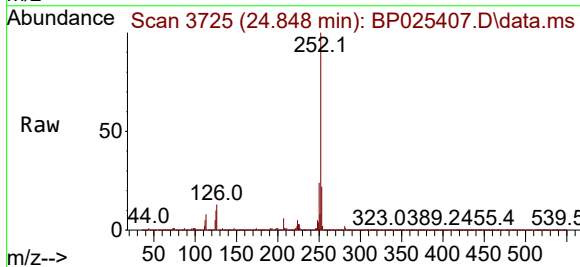
Tgt Ion:252 Resp: 2544632

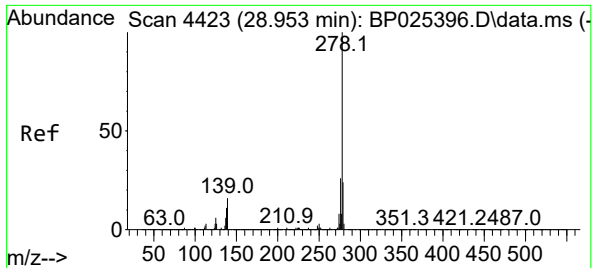
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

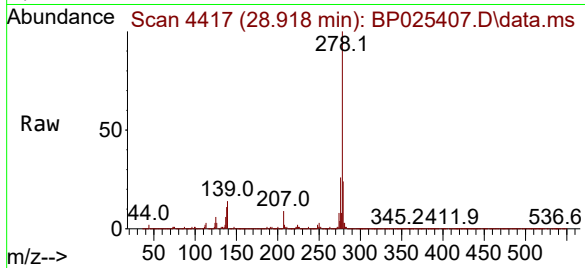
125 10.2 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 46.488 ng
RT: 28.918 min Scan# 4423
Delta R.T. -0.035 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Instrument :
BNA_P
ClientSampleId :
PB169228BS

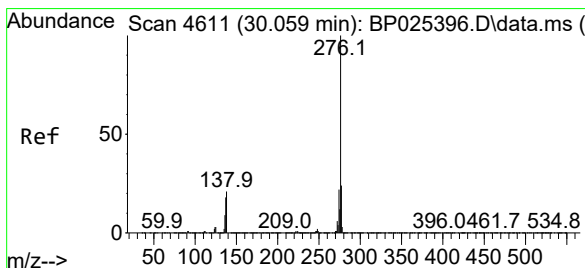
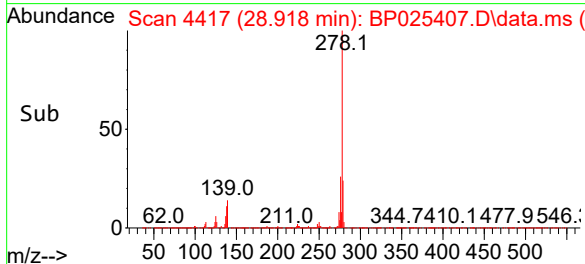
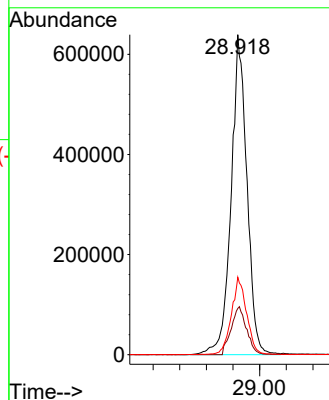


Tgt Ion: 278 Resp: 2636878
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 24.2 19.4 29.2

Manual Integrations
APPROVED

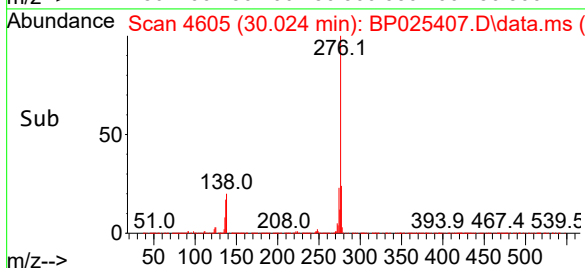
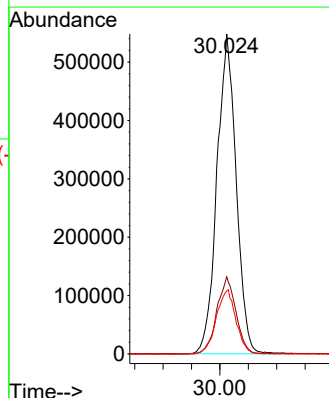
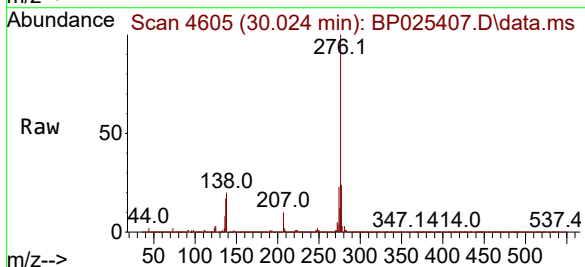
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Supervised By :Jagrut
Upadhyay
08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 46.141 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.035 min
Lab File: BP025407.D
Acq: 15 Aug 2025 00:18

Tgt Ion: 276 Resp: 2572611
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 19.7 16.7 25.1



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMS	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025415.D	1	08/13/25 09:05	08/15/25 05:48	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		190	400	ug/Kg
108-95-2	Phenol	1800		26.7	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		29.4	210	ug/Kg
95-57-8	2-Chlorophenol	1800		29.5	210	ug/Kg
95-48-7	2-Methylphenol	1800		36.2	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		45.4	210	ug/Kg
98-86-2	Acetophenone	1700		35.7	210	ug/Kg
65794-96-9	3+4-Methylphenols	1800		49.7	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		57.3	96.8	ug/Kg
67-72-1	Hexachloroethane	1700		21.3	210	ug/Kg
98-95-3	Nitrobenzene	1700		22.1	210	ug/Kg
78-59-1	Isophorone	1700		39.7	210	ug/Kg
88-75-5	2-Nitrophenol	1800		70.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		78.4	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		37.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		34.2	210	ug/Kg
91-20-3	Naphthalene	1700		27.5	210	ug/Kg
106-47-8	4-Chloroaniline	930		42.8	210	ug/Kg
87-68-3	Hexachlorobutadiene	1700		30.6	210	ug/Kg
105-60-2	Caprolactam	1800		63.0	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		34.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	1700		31.0	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		23.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		35.2	210	ug/Kg
92-52-4	1,1-Biphenyl	1800		26.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	1800		27.2	210	ug/Kg
88-74-4	2-Nitroaniline	1900		58.2	210	ug/Kg
131-11-3	Dimethylphthalate	1800		32.8	210	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMS	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025415.D	1	08/13/25 09:05	08/15/25 05:48	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		35.0	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		40.6	210	ug/Kg
99-09-2	3-Nitroaniline	1200		55.6	210	ug/Kg
83-32-9	Acenaphthene	1800		25.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	280	400	ug/Kg
100-02-7	4-Nitrophenol	3800	E	130	400	ug/Kg
132-64-9	Dibenzofuran	1800		27.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		60.6	210	ug/Kg
84-66-2	Diethylphthalate	1800		34.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		32.3	210	ug/Kg
86-73-7	Fluorene	1700		30.6	210	ug/Kg
100-01-6	4-Nitroaniline	1700		77.6	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		39.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		33.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1800		30.6	210	ug/Kg
1912-24-9	Atrazine	1800		41.1	210	ug/Kg
87-86-5	Pentachlorophenol	3800	E	62.0	400	ug/Kg
85-01-8	Phenanthrene	1800		25.3	210	ug/Kg
120-12-7	Anthracene	1800		40.3	210	ug/Kg
86-74-8	Carbazole	1800		37.7	210	ug/Kg
84-74-2	Di-n-butylphthalate	1800		57.9	210	ug/Kg
206-44-0	Fluoranthene	1800		36.3	210	ug/Kg
129-00-0	Pyrene	1700		43.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	1800		86.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		44.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	1800		27.8	210	ug/Kg
218-01-9	Chrysene	1800		24.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		71.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		23.0	210	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMS	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025415.D	1	08/13/25 09:05	08/15/25 05:48	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1800		27.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		35.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		33.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		31.0	210	ug/Kg
123-91-1	1,4-Dioxane	1400		54.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		33.1	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	84.6		30 (18) - 130 (112)	56%	SPK: 150
13127-88-3	Phenol-d6	85.7		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.9		30 (18) - 130 (107)	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.8		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.8		30 (10) - 130 (116)	57%	SPK: 150
1718-51-0	Terphenyl-d14	45.7		30 (10) - 130 (105)	46%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.79			
1146-65-2	Naphthalene-d8	606000	10.566			
15067-26-2	Acenaphthene-d10	386000	14.395			
1517-22-2	Phenanthrene-d10	780000	17.195			
1719-03-5	Chrysene-d12	875000	21.642			
1520-96-3	Perylene-d12	1000000	25.001			

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_P\Data\BP081425\
 Data File : BP025415.D
 Acq On : 15 Aug 2025 05:48
 Operator : CG/JU
 Sample : Q2820-17MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:05:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	150786	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	605832	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	386320	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	780287	20.000	ng	0.00
76) Chrysene-d12	21.642	240	875377	20.000	ng	0.00
86) Perylene-d12	25.001	264	1000604	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	768113	84.597	ng	0.00
7) Phenol-d6	6.972	99	997741	85.710	ng	0.00
23) Nitrobenzene-d5	8.931	82	621723	51.912	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	441123	84.833	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1406520	49.758	ng	0.00
79) Terphenyl-d14	19.913	244	2185634	45.681	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	127096	35.736	ng	97
3) Pyridine	3.725	79	350548	36.011	ng	97
4) n-Nitrosodimethylamine	3.637	42	171159	42.649	ng	97
6) Aniline	7.125	93	528462	33.694	ng	98
8) 2-Chlorophenol	7.366	128	452389	44.153	ng	98
9) Benzaldehyde	6.943	77	214385	26.286	ng	99
10) Phenol	6.996	94	550261	45.048	ng	96
11) bis(2-Chloroethyl)ether	7.219	93	391840	41.157	ng	99
12) 1,3-Dichlorobenzene	7.684	146	466002	41.247	ng	99
13) 1,4-Dichlorobenzene	7.825	146	475529	41.179	ng	99
14) 1,2-Dichlorobenzene	8.143	146	455238	40.725	ng	98
15) Benzyl Alcohol	8.025	79	400142	43.261	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	524406	41.117	ng	99
17) 2-Methylphenol	8.225	107	379896	44.780	ng	98
18) Hexachloroethane	8.866	117	174455	41.089	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	308676	40.032	ng	97
20) 3+4-Methylphenols	8.549	107	523056	44.480	ng	98
22) Acetophenone	8.607	105	638997	42.059	ng	# 98
24) Nitrobenzene	8.972	77	463016	43.258	ng	99
25) Isophorone	9.502	82	886621	41.831	ng	99
26) 2-Nitrophenol	9.678	139	238745	43.463	ng	98
27) 2,4-Dimethylphenol	9.737	122	434435	45.989	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	540971	42.224	ng	99
29) 2,4-Dichlorophenol	10.207	162	437774	46.651	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	433129	42.105	ng	98
31) Naphthalene	10.613	128	1330005	42.238	ng	99
32) Benzoic acid	9.884	122	311312	44.638	ng	98
33) 4-Chloroaniline	10.713	127	321033	23.081	ng	99
34) Hexachlorobutadiene	10.901	225	274233	42.806	ng	98
35) Caprolactam	11.496	113	149929	43.572	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	491428	45.638	ng	98
37) 2-Methylnaphthalene	12.219	142	871694	42.539	ng	98
38) 1-Methylnaphthalene	12.437	142	902892	41.432	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	495028	44.368	ng	99
41) Hexachlorocyclopentadiene	12.572	237	587000	87.099	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	352250	46.764	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025415.D
 Acq On : 15 Aug 2025 05:48
 Operator : CG/JU
 Sample : Q2820-17MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:05:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

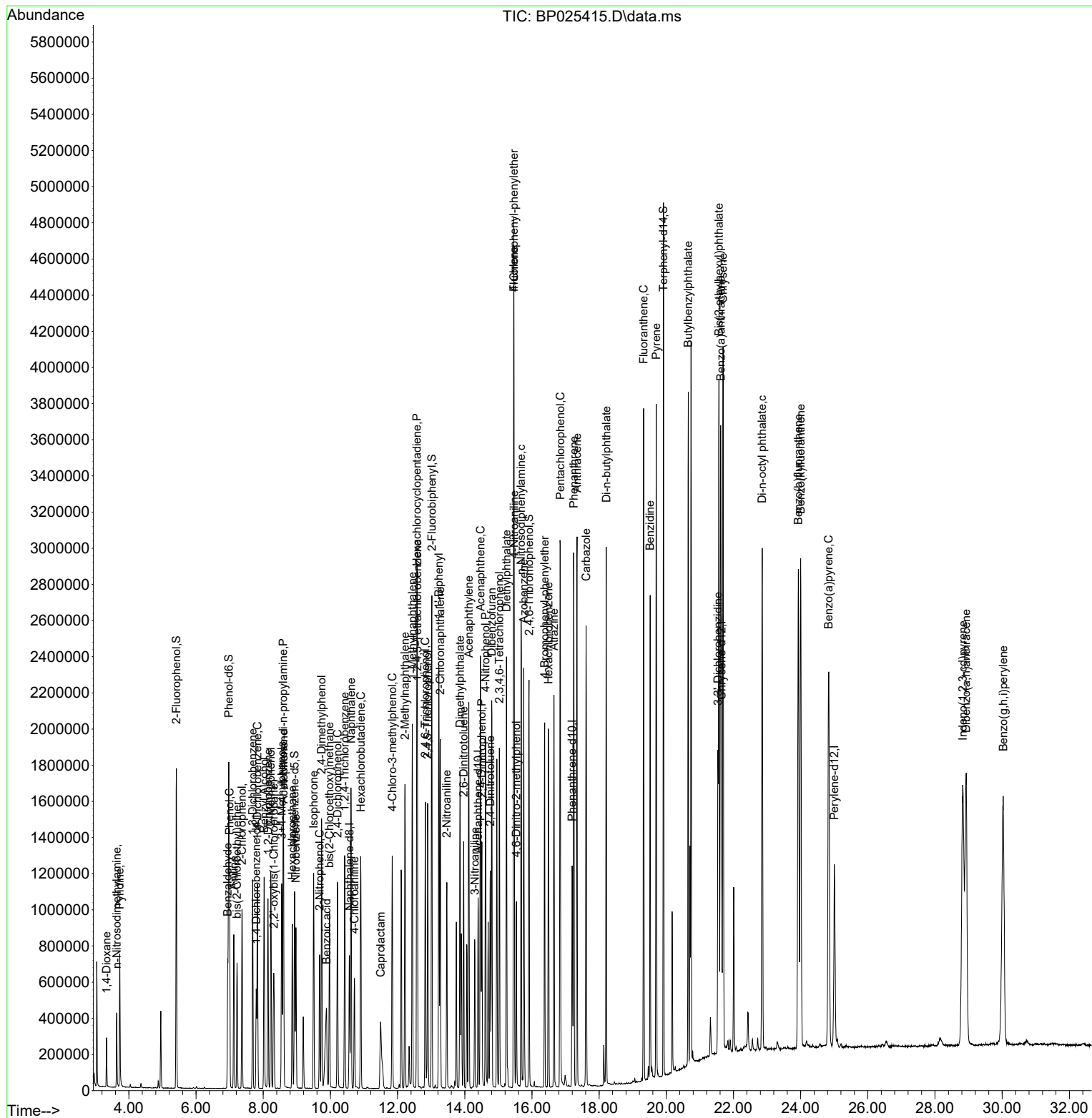
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	390615	47.317	ng	99
46) 1,1'-Biphenyl	13.225	154	1250868	44.583	ng	100
47) 2-Chloronaphthalene	13.272	162	963302	44.103	ng	99
48) 2-Nitroaniline	13.466	65	297760	46.787	ng	99
49) Acenaphthylene	14.119	152	1611999	44.601	ng	99
50) Dimethylphthalate	13.860	163	1254219	44.335	ng	100
51) 2,6-Dinitrotoluene	13.966	165	269670	45.226	ng	91
52) Acenaphthene	14.466	154	949405	44.752	ng	99
53) 3-Nitroaniline	14.295	138	199924	29.801	ng	93
54) 2,4-Dinitrophenol	14.507	184	307887	96.691	ng	98
55) Dibenzofuran	14.801	168	1489789	44.417	ng	99
56) 4-Nitrophenol	14.619	139	513780	93.200	ng	95
57) 2,4-Dinitrotoluene	14.760	165	399936	47.011	ng	100
58) Fluorene	15.460	166	1142677	43.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	334331	45.866	ng	99
60) Diethylphthalate	15.242	149	1293019	44.982	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	558984	42.468	ng	97
62) 4-Nitroaniline	15.472	138	295780	43.007	ng	96
63) Azobenzene	15.754	77	1184564	48.126	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	221973	45.637	ng	99
66) n-Nitrosodiphenylamine	15.678	169	1035094	43.502	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	374274	43.613	ng	98
68) Hexachlorobenzene	16.489	284	432625	43.489	ng	98
69) Atrazine	16.654	200	398840	44.758	ng	98
70) Pentachlorophenol	16.842	266	593177	94.460	ng	98
71) Phenanthrene	17.242	178	1900981	44.349	ng	100
72) Anthracene	17.342	178	1901911	43.450	ng	99
73) Carbazole	17.613	167	1848365	44.831	ng	99
74) Di-n-butylphthalate	18.213	149	2264177	44.635	ng	100
75) Fluoranthene	19.325	202	2274430	44.484	ng	98
77) Benzidine	19.519	184	1279852	42.841	ng	99
78) Pyrene	19.701	202	2376529	41.769	ng	99
80) Butylbenzylphthalate	20.654	149	1141667	44.274	ng	98
81) Benzo(a)anthracene	21.619	228	2561195	44.364	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	558511	25.666	ng	99
83) Chrysene	21.689	228	2409067	44.558	ng	100
84) Bis(2-ethylhexyl)phtha...	21.566	149	1670118	43.998	ng	100
85) Di-n-octyl phthalate	22.854	149	2946897	45.135	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3281639m	44.721	ng	
88) Benzo(b)fluoranthene	23.930	252	2653334	44.970	ng	99
89) Benzo(k)fluoranthene	24.001	252	2664055	45.121	ng	99
90) Benzo(a)pyrene	24.830	252	2562652	44.619	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2675040	44.609	ng	98
92) Benzo(g,h,i)perylene	30.030	276	2637753	44.748	ng	98

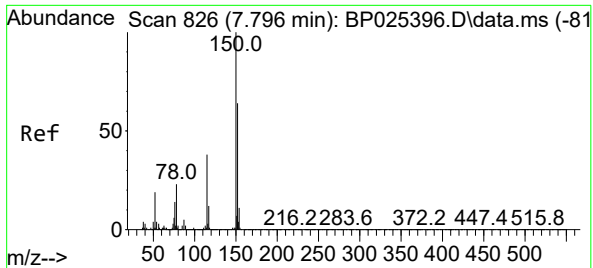
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Instrument :
BNA_P
ClientSampleId :
88H-EMS

Manual Integrations APPROVED

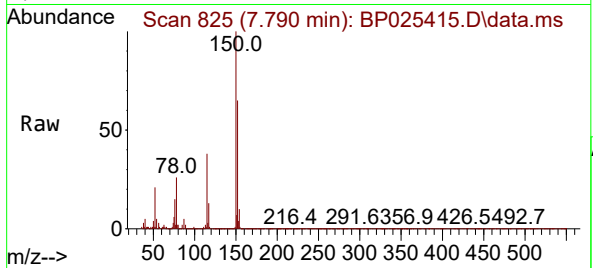
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

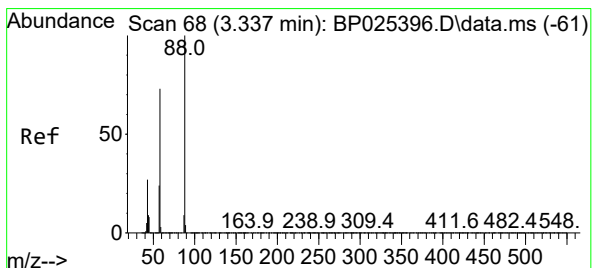
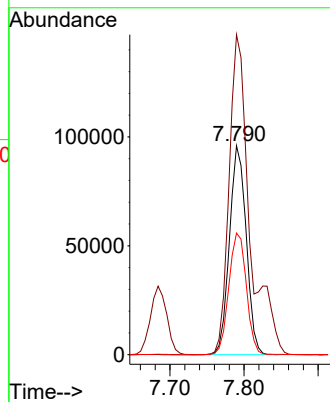
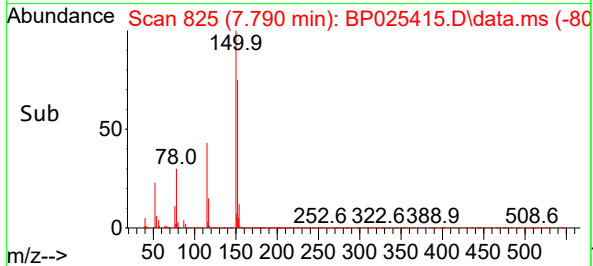
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:152 Resp: 150780
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 58.2 48.5 72.7

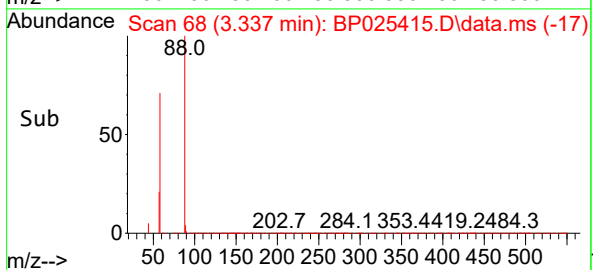
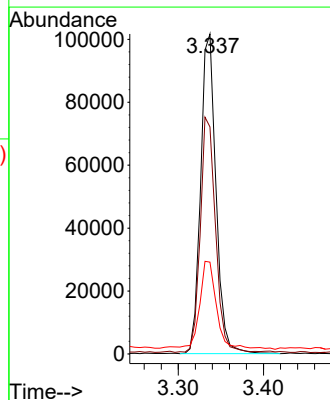
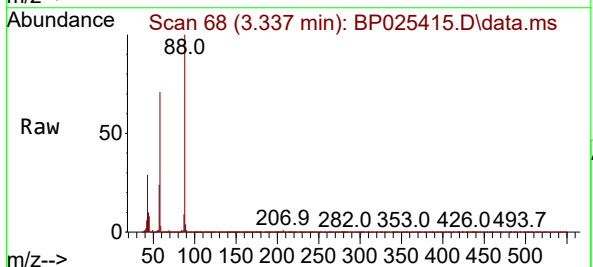
Manual Integrations
APPROVED

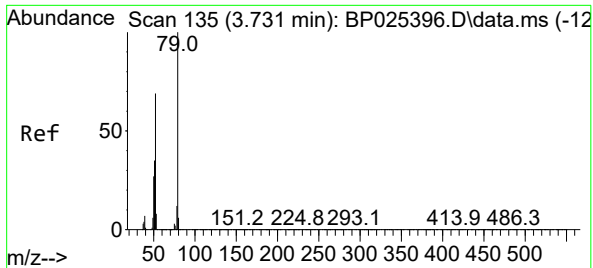
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 35.736 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

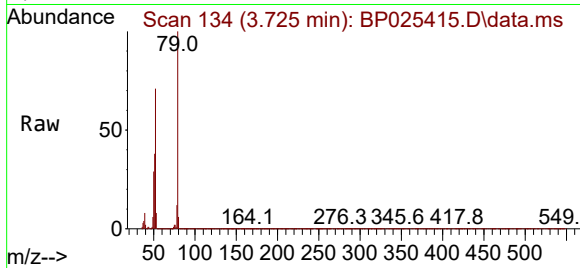
Tgt Ion: 88 Resp: 127096
Ion Ratio Lower Upper
88 100
58 73.0 59.2 88.8
43 31.5 21.7 32.5





#3
Pyridine
Concen: 36.011 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

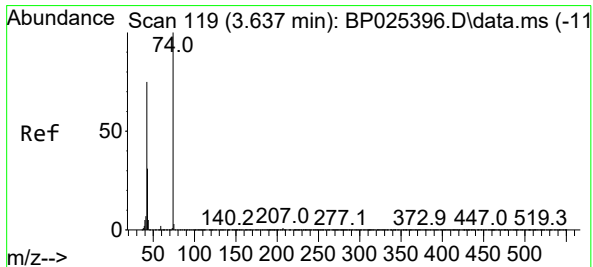
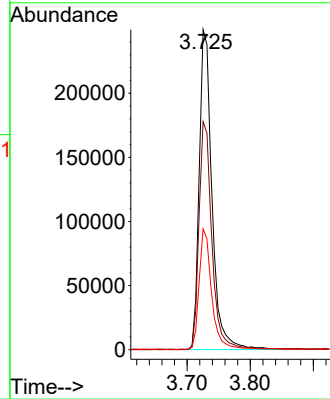
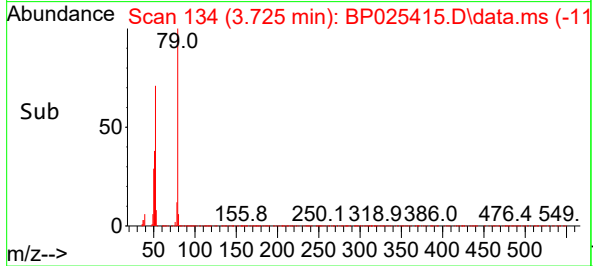
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion: 79 Resp: 350548
Ion Ratio Lower Upper
79 100
52 71.3 55.5 83.3
51 37.8 28.3 42.5

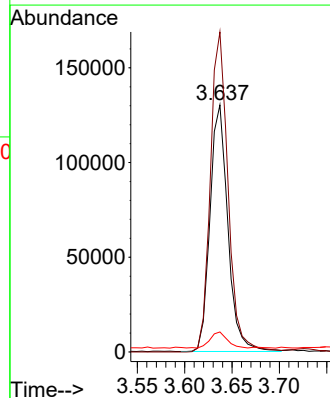
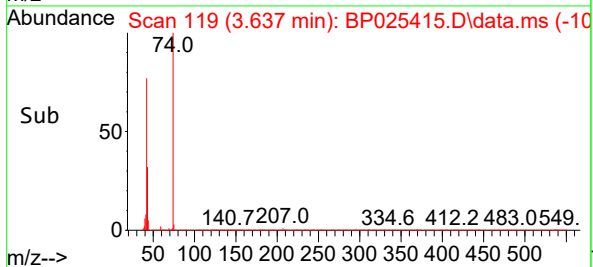
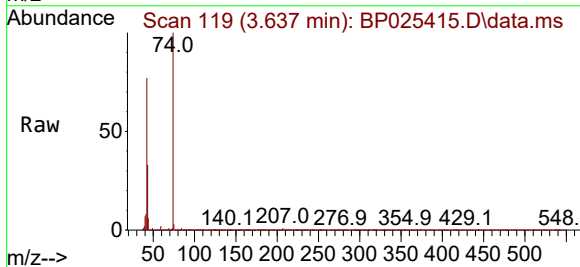
Manual Integrations
APPROVED

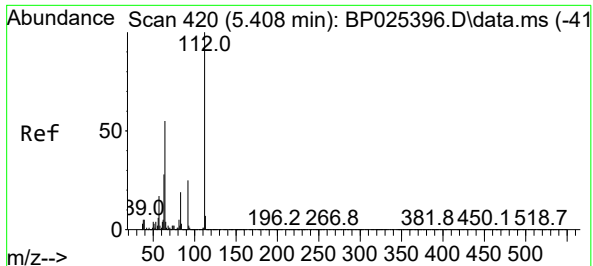
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 42.649 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 42 Resp: 171159
Ion Ratio Lower Upper
42 100
74 129.5 107.0 160.4
44 8.1 6.2 9.4





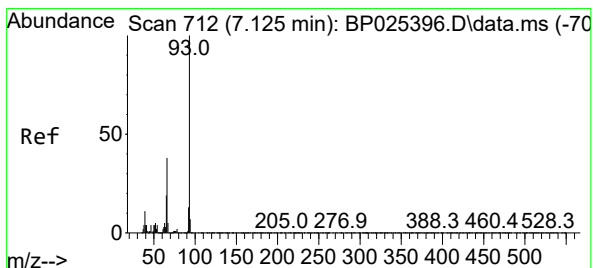
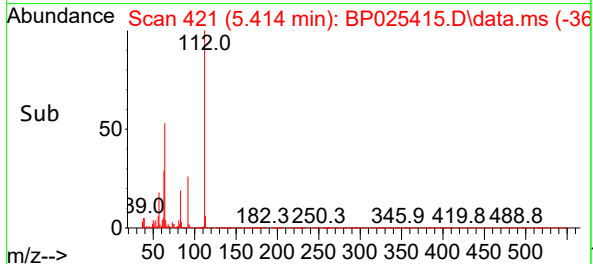
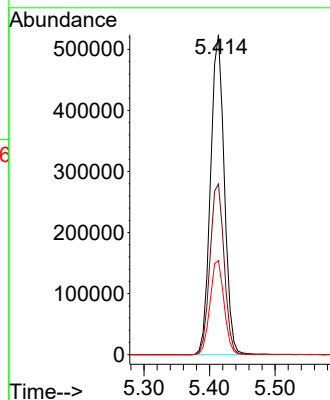
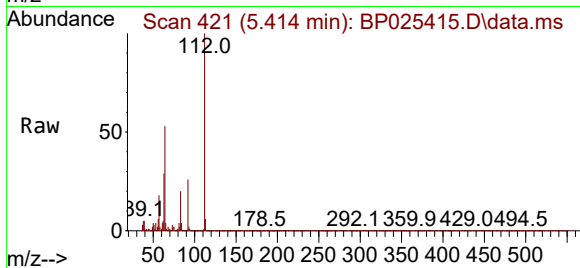
#5
2-Fluorophenol
Concen: 84.597 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion:112 Resp: 76811
Ion Ratio Lower Upper
112 100
64 53.3 43.8 65.8
63 29.4 22.7 34.1

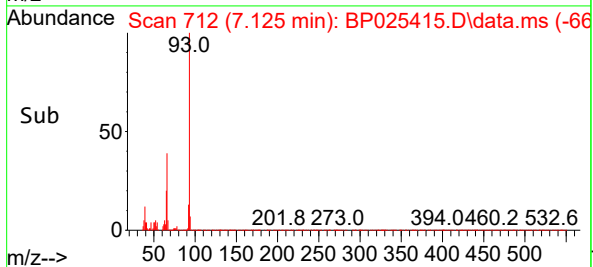
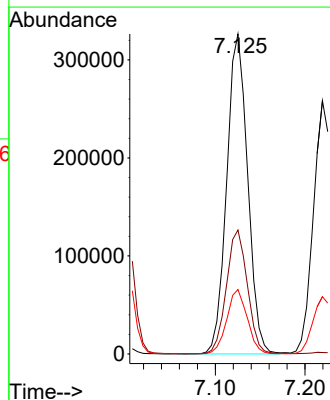
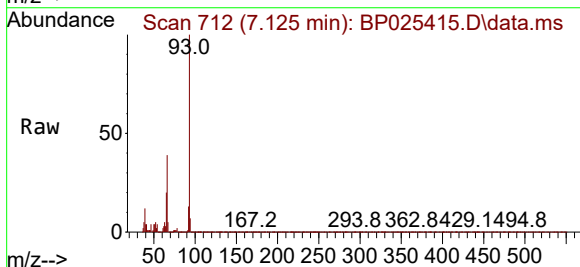
Manual Integrations
APPROVED

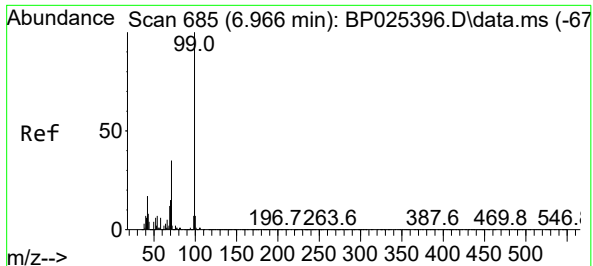
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 33.694 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 93 Resp: 528462
Ion Ratio Lower Upper
93 100
66 38.7 30.4 45.6
65 20.1 15.3 22.9





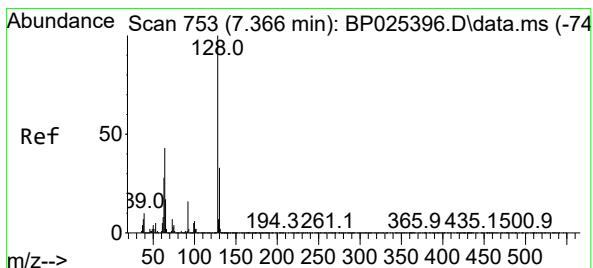
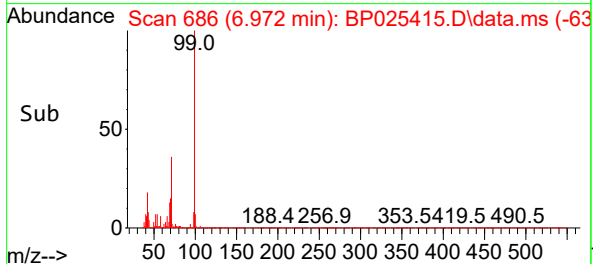
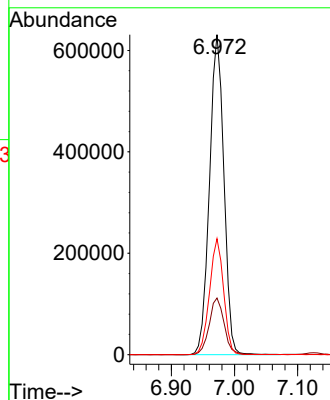
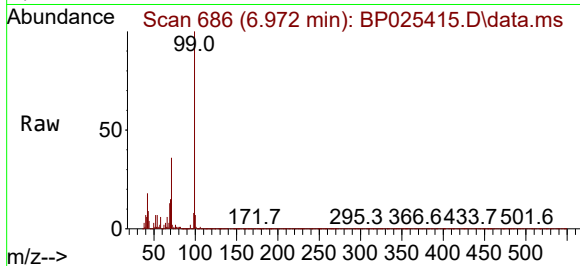
#7
Phenol-d6
Concen: 85.710 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion: 99 Resp: 99774
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.3 28.2 42.4

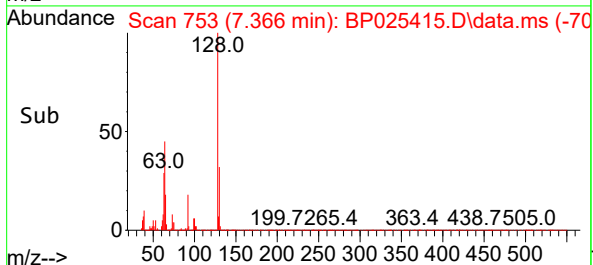
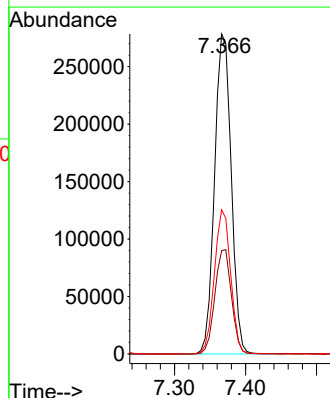
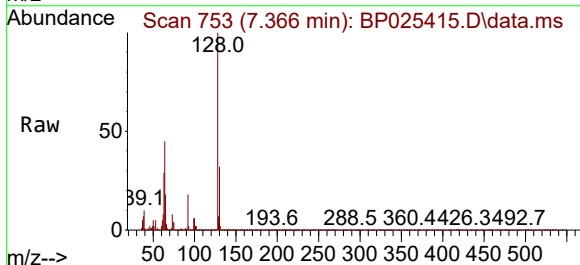
Manual Integrations
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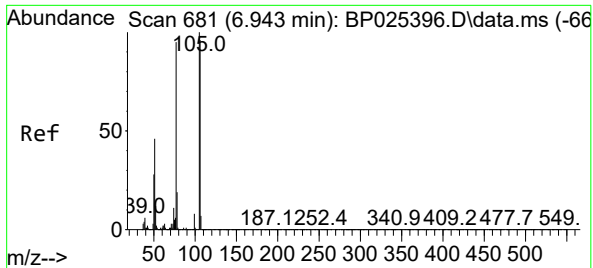
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 44.153 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

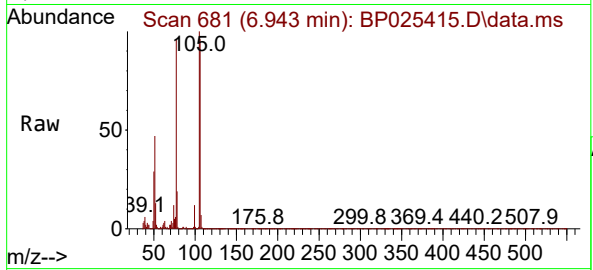
Tgt Ion:128 Resp: 452389
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 45.0 23.4 63.4





#9
Benzaldehyde
Concen: 26.286 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

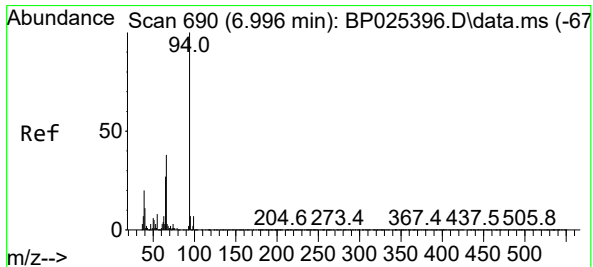
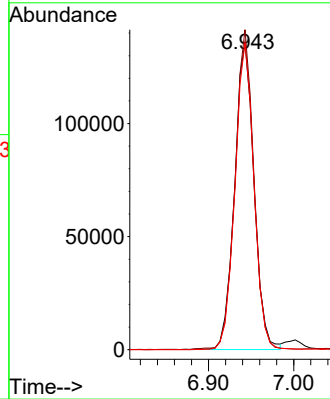
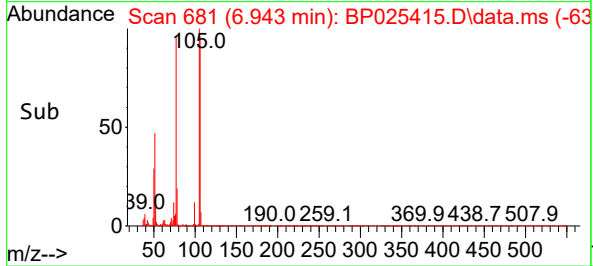
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion: 77 Resp: 214385
Ion Ratio Lower Upper
77 100
105 104.1 84.8 124.8
106 99.7 80.5 120.5

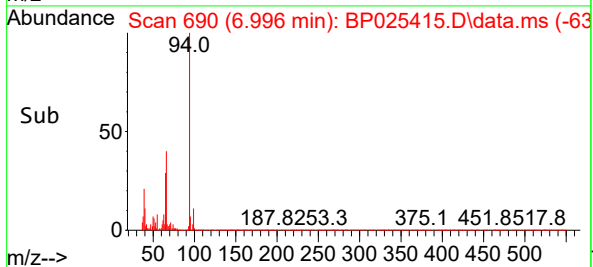
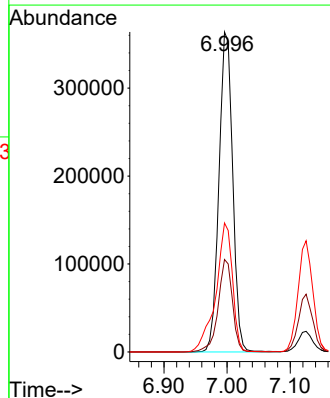
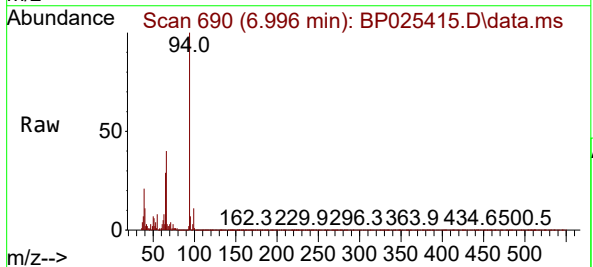
Manual Integrations
APPROVED

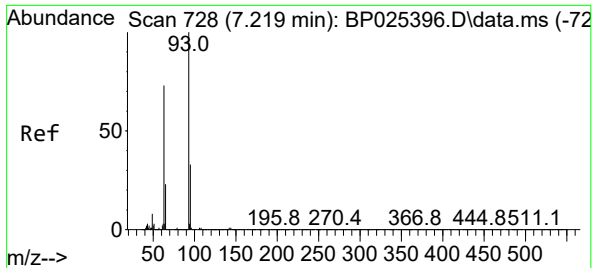
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 45.048 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

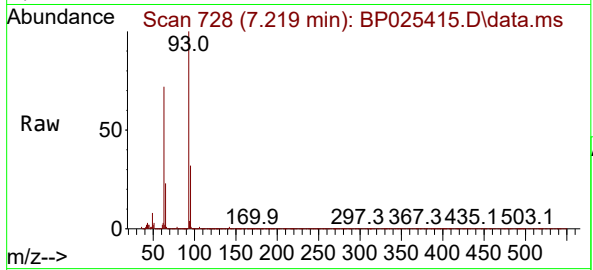
Tgt Ion: 94 Resp: 550261
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.3 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 41.157 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

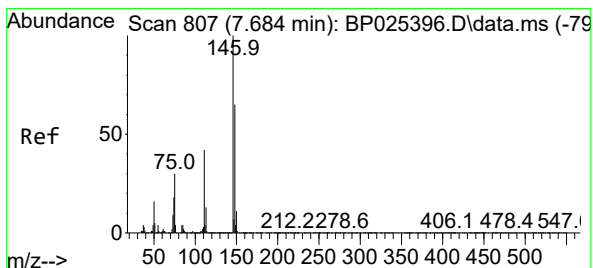
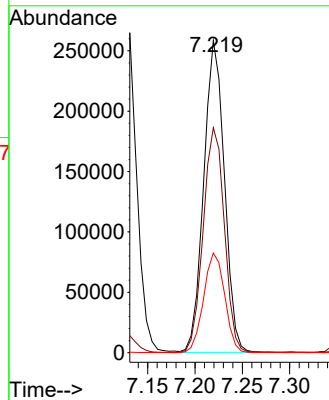
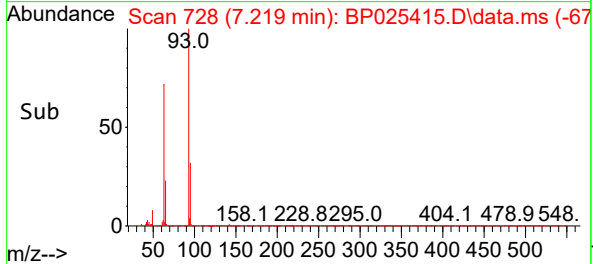
Instrument :
BNA_P
ClientSampleId :
88H-EMS



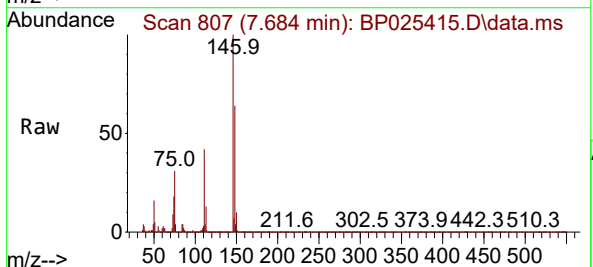
Tgt Ion: 93 Resp: 391840
Ion Ratio Lower Upper
93 100
63 72.1 52.6 92.6
95 32.0 12.7 52.7

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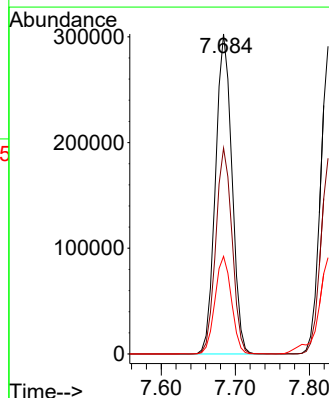
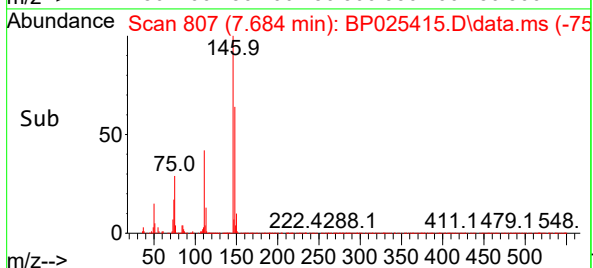
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

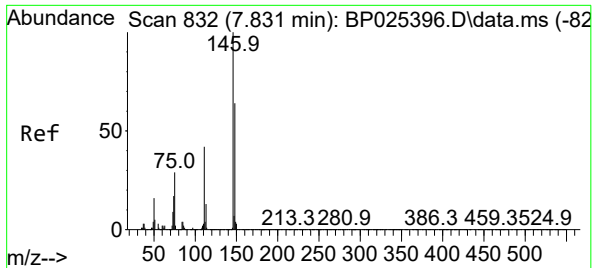


#12
1,3-Dichlorobenzene
Concen: 41.247 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



Tgt Ion:146 Resp: 466002
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.5 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 41.179 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:146 Resp: 475529

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

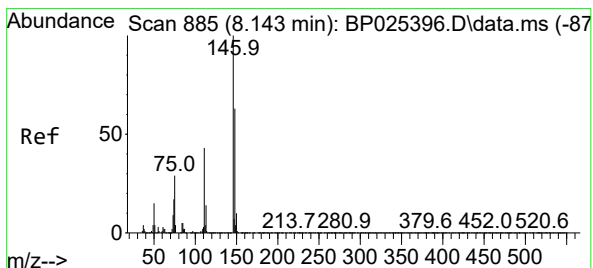
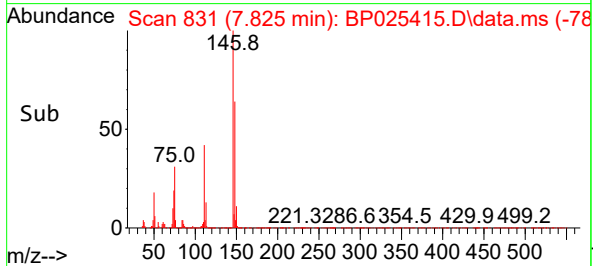
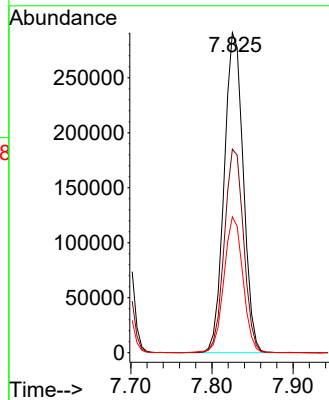
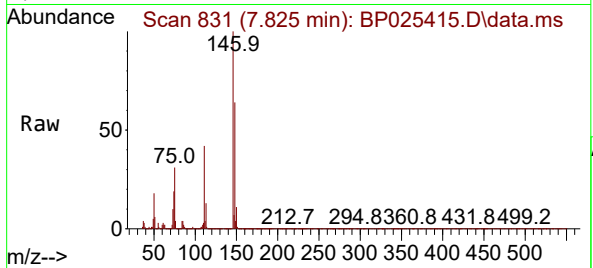
111 42.5 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 40.725 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

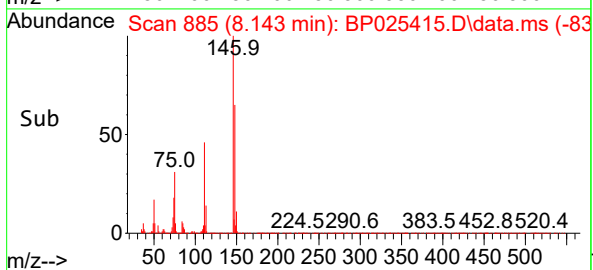
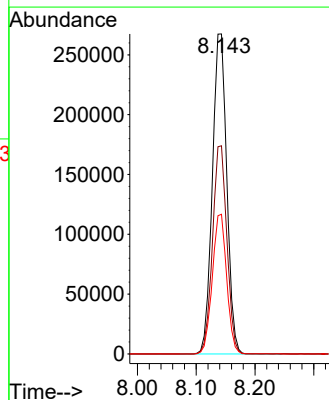
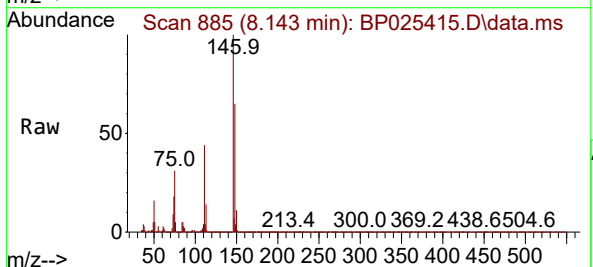
Tgt Ion:146 Resp: 455238

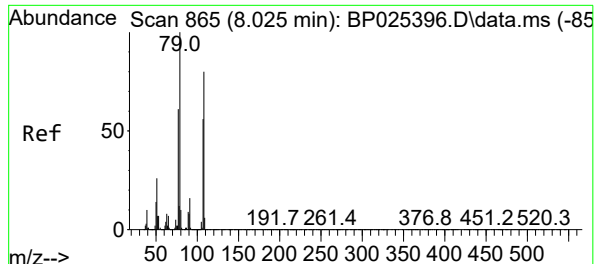
Ion Ratio Lower Upper

146 100

148 65.0 50.4 75.6

111 43.6 34.5 51.7





#15

Benzyl Alcohol

Concen: 43.261 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion: 79 Resp: 40014

Ion Ratio Lower Upper

79 100

108 78.4 63.8 95.6

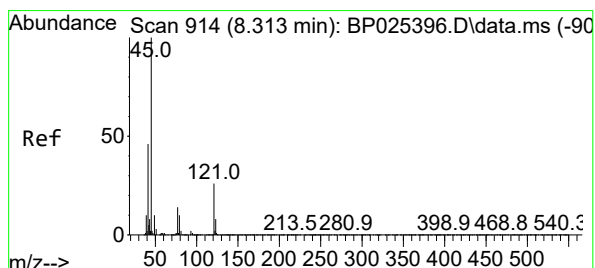
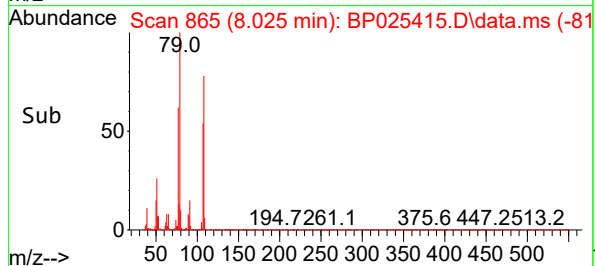
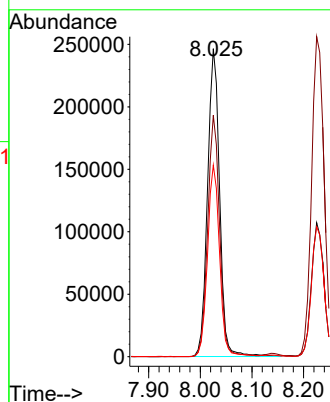
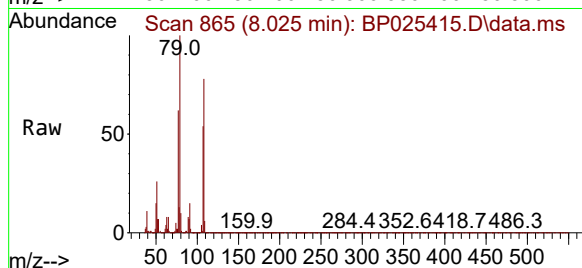
77 62.2 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.117 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

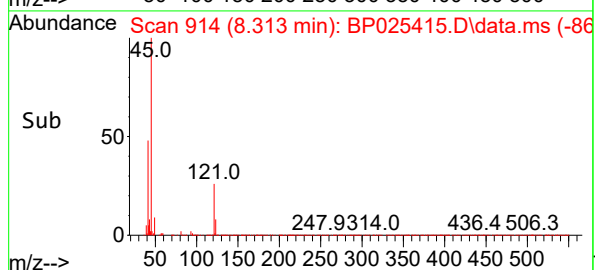
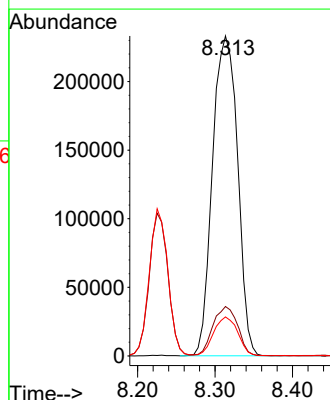
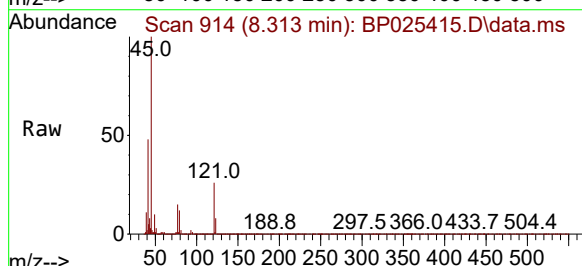
Tgt Ion: 45 Resp: 524406

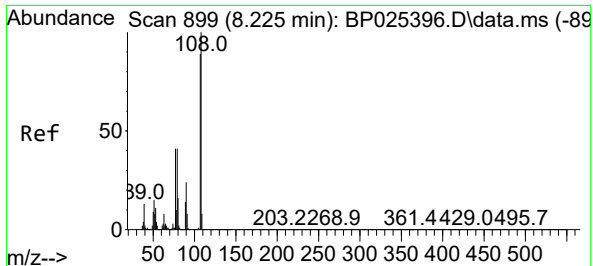
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.3

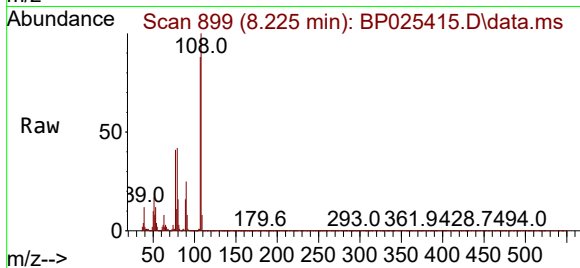
79 12.2 0.0 31.8





#17
2-Methylphenol
Concen: 44.780 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

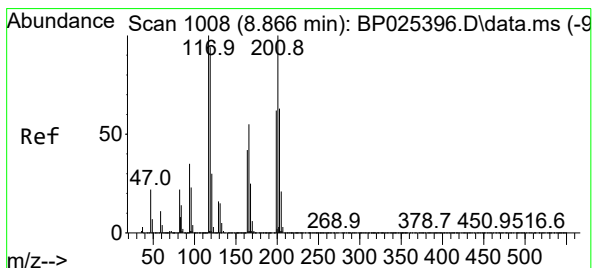
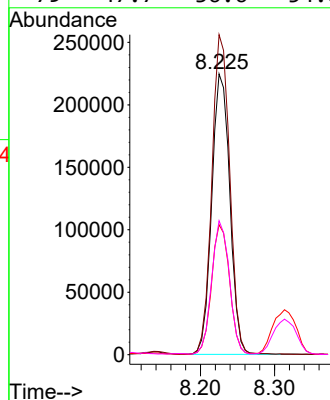
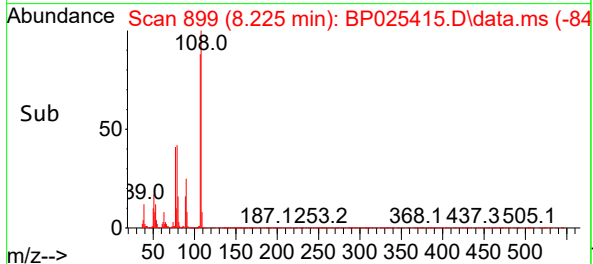
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:107 Resp: 379890
Ion Ratio Lower Upper
107 100
108 114.0 89.4 134.0
77 46.3 36.3 54.5
79 47.7 36.6 54.8

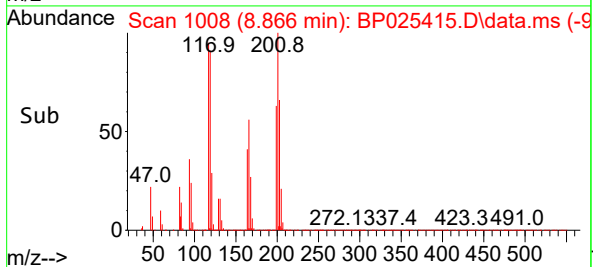
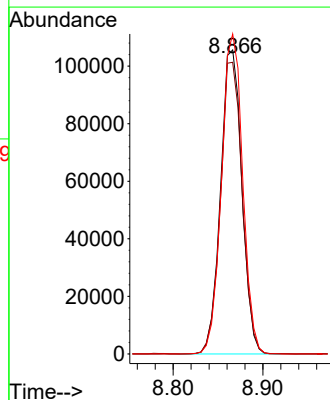
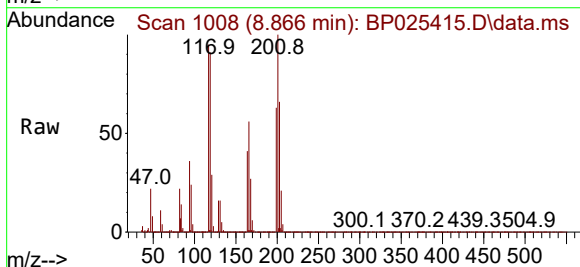
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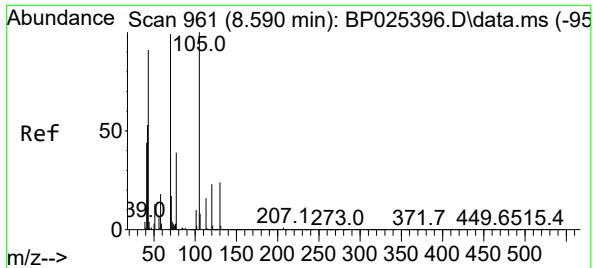
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 41.089 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:117 Resp: 174455
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7
201 105.2 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.032 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion: 70 Resp: 308670

Ion Ratio Lower Upper

70 100

42 57.9 43.8 65.6

101 10.3 8.5 12.7

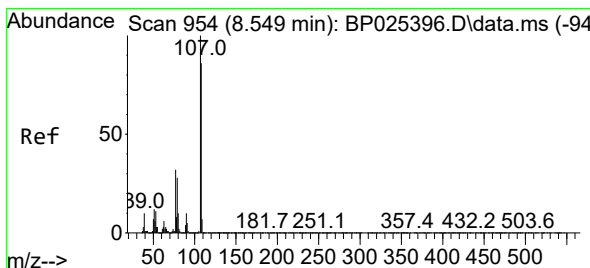
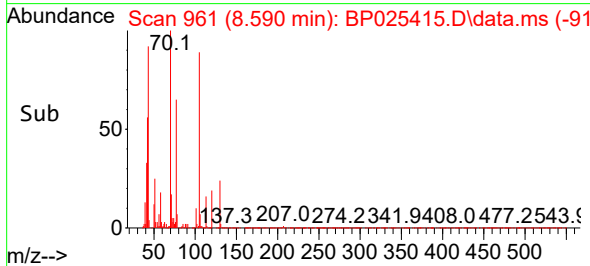
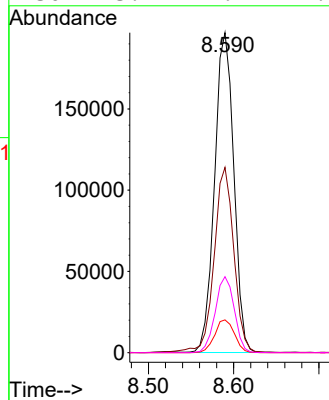
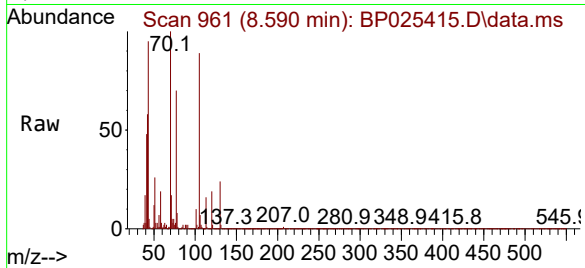
130 23.7 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 44.480 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Tgt Ion:107 Resp: 523056

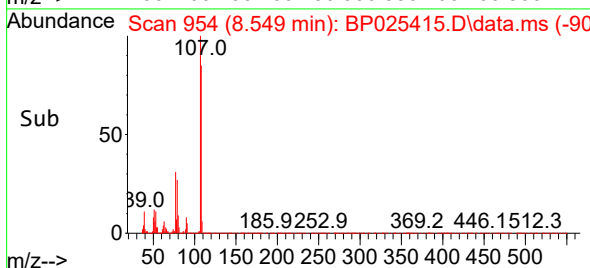
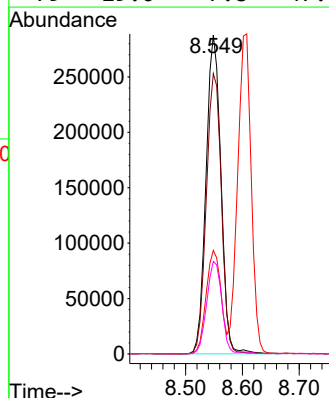
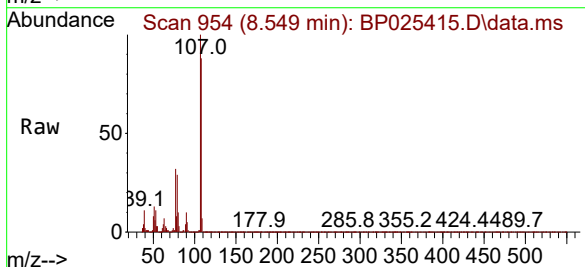
Ion Ratio Lower Upper

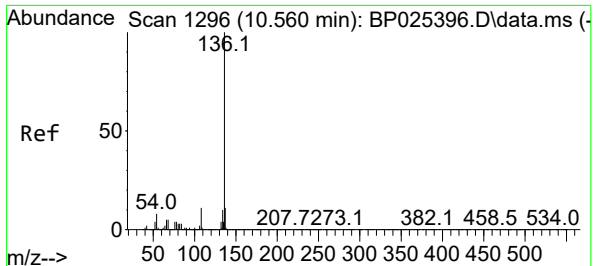
107 100

108 87.9 66.3 106.3

77 32.5 12.3 52.3

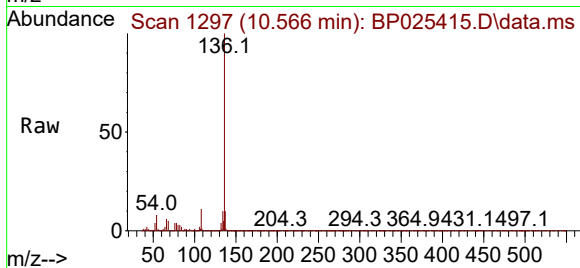
79 29.0 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

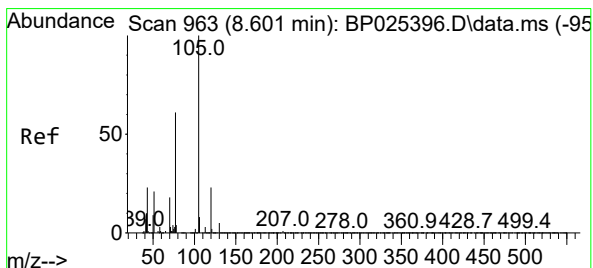
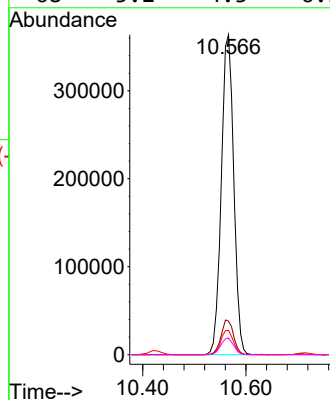
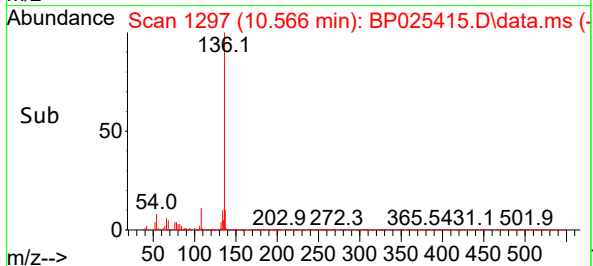
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:136 Resp: 605832
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.5 6.0 9.0
68 5.2 4.3 6.5

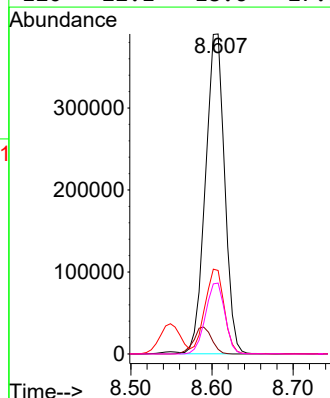
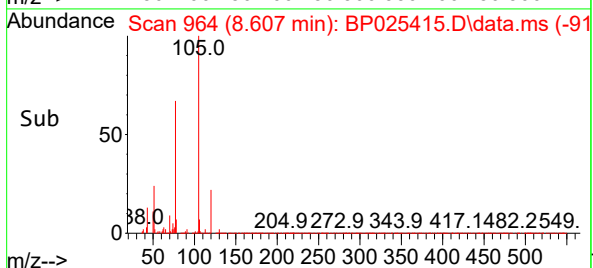
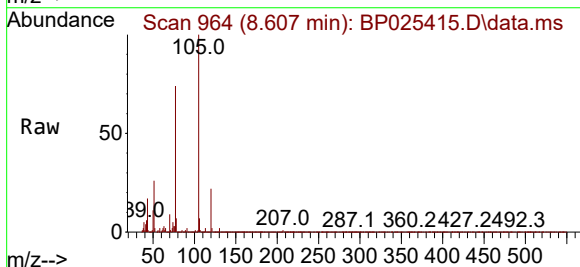
Manual Integrations
APPROVED

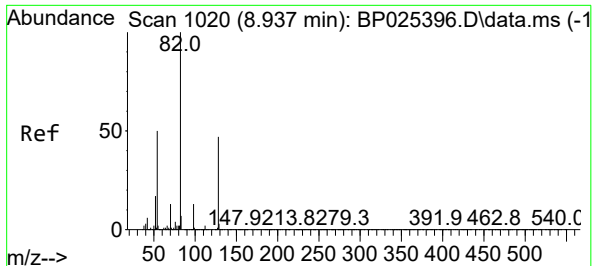
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 42.059 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:105 Resp: 638997
Ion Ratio Lower Upper
105 100
71 1.4 2.6 4.0#
51 26.1 20.6 30.8
120 22.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 51.912 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion: 82 Resp: 62172

Ion Ratio Lower Upper

82 100

128 45.6 37.7 56.5

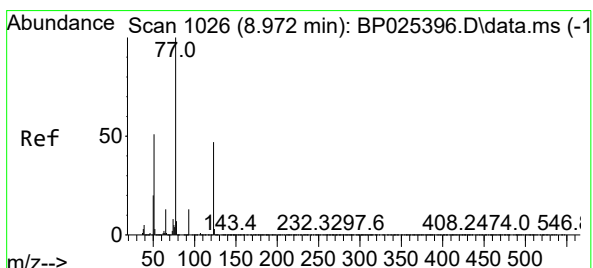
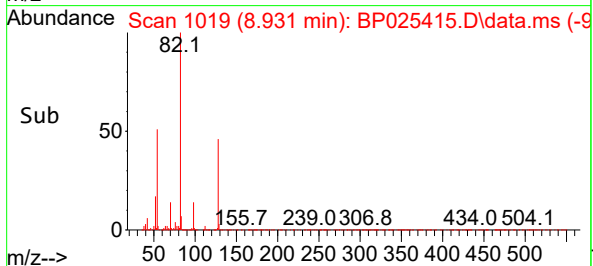
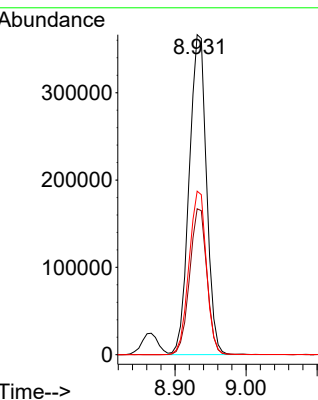
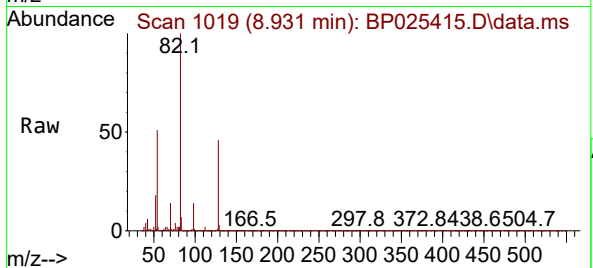
54 51.1 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 43.258 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

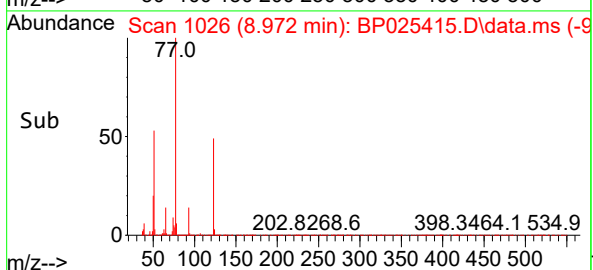
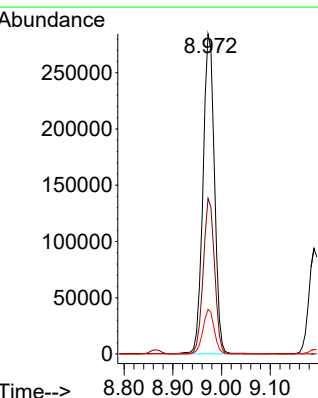
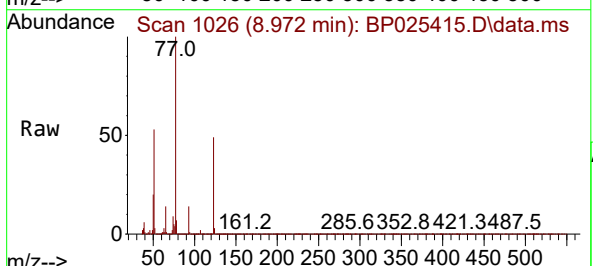
Tgt Ion: 77 Resp: 463016

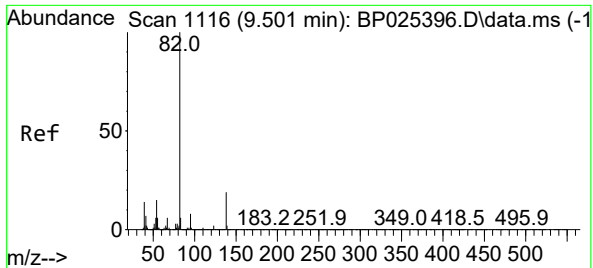
Ion Ratio Lower Upper

77 100

123 48.6 38.6 58.0

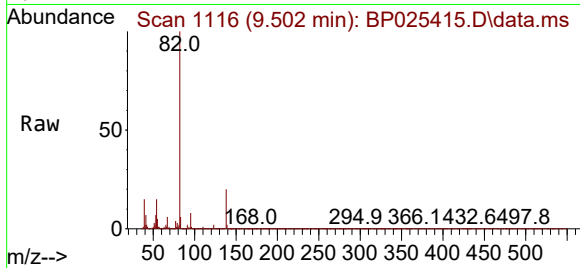
65 14.0 10.6 15.8





#25
Isophorone
Concen: 41.831 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

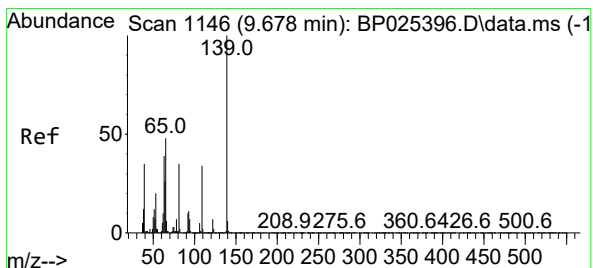
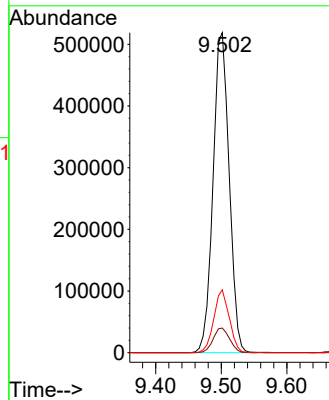
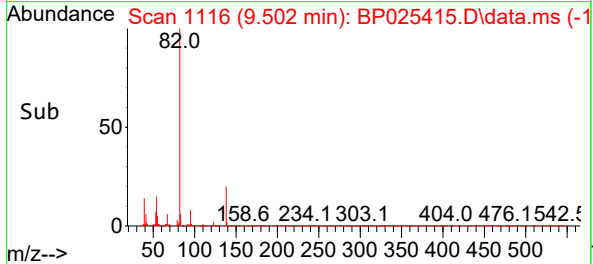
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion: 82 Resp: 88662
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 19.7 15.4 23.0

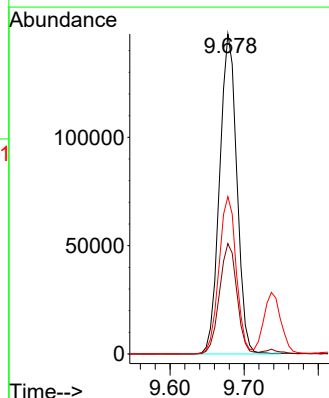
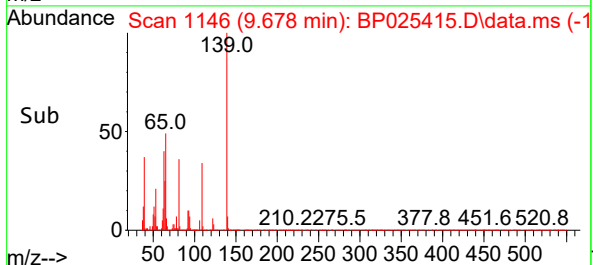
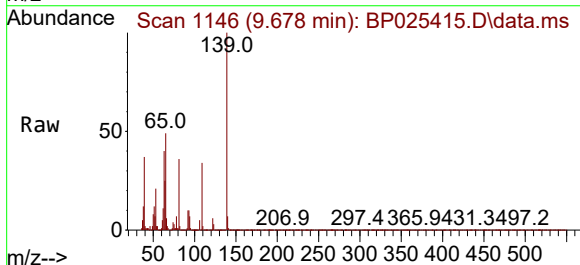
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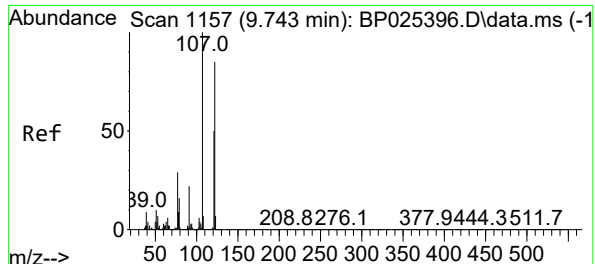
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 43.463 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:139 Resp: 238745
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 49.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.989 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:122 Resp: 43443

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

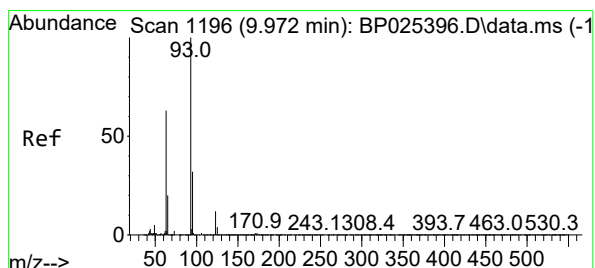
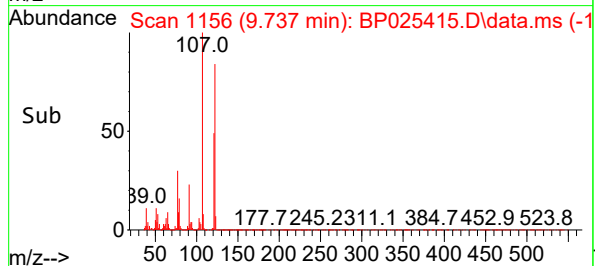
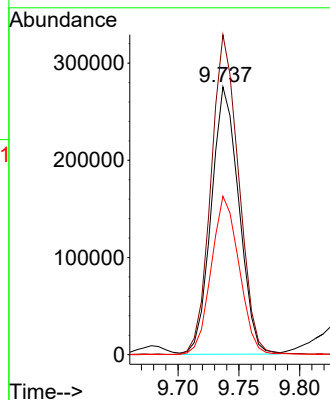
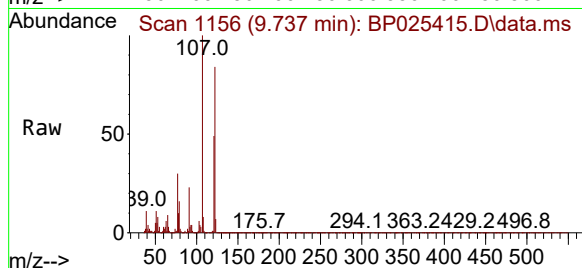
121 59.1 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.224 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

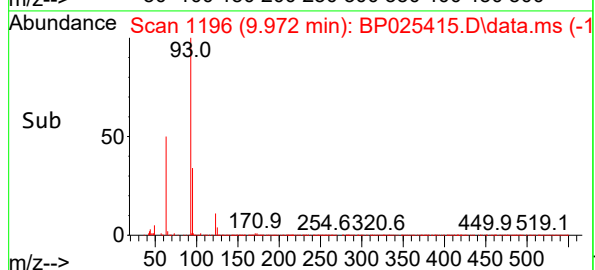
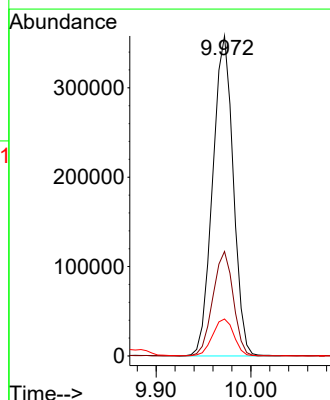
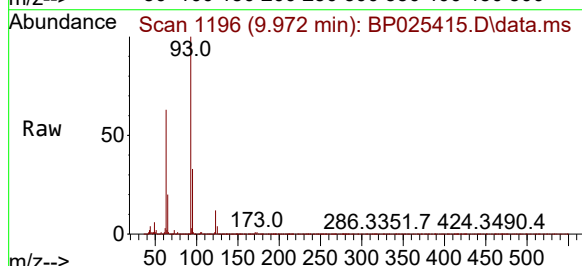
Tgt Ion: 93 Resp: 540971

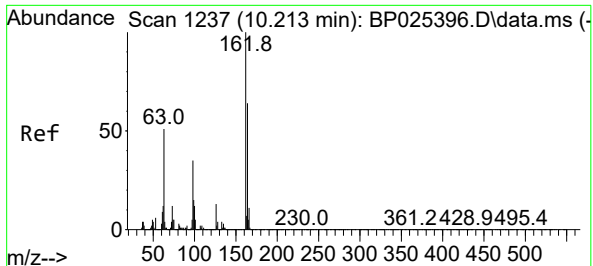
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.651 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:162 Resp: 437774

Ion Ratio Lower Upper

162 100

164 65.2 44.4 84.4

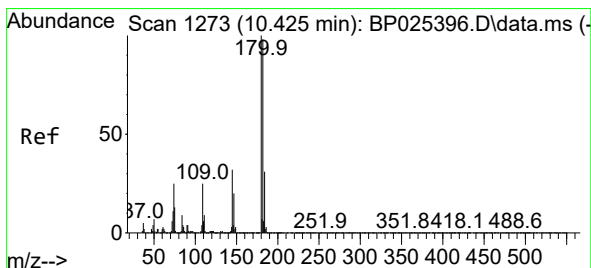
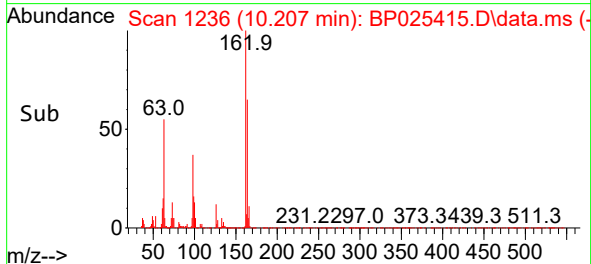
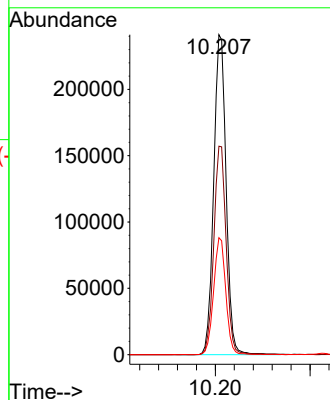
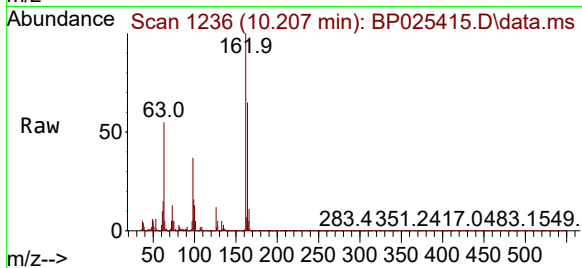
98 36.6 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.105 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

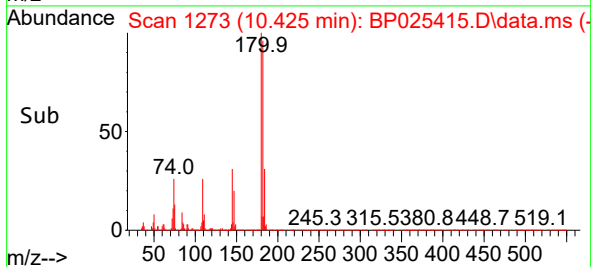
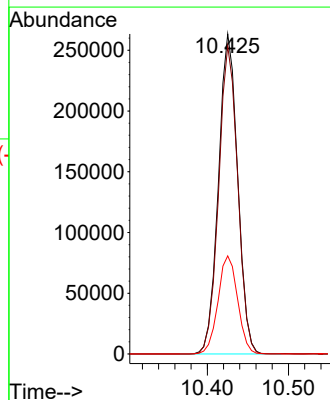
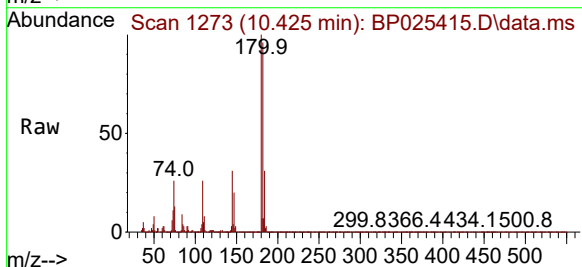
Tgt Ion:180 Resp: 433129

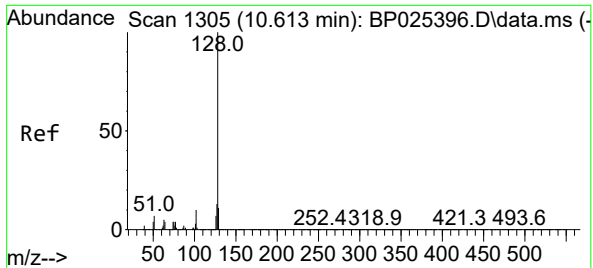
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

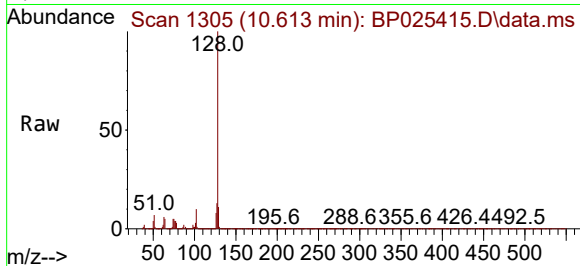
145 30.7 25.9 38.9





#31
Naphthalene
Concen: 42.238 ng
RT: 10.613 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

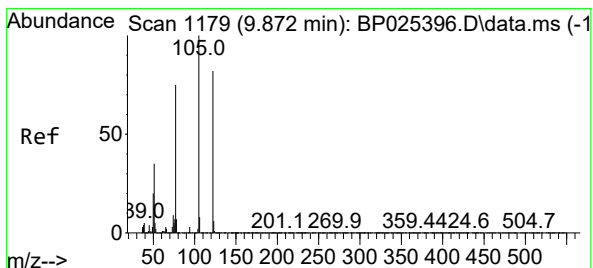
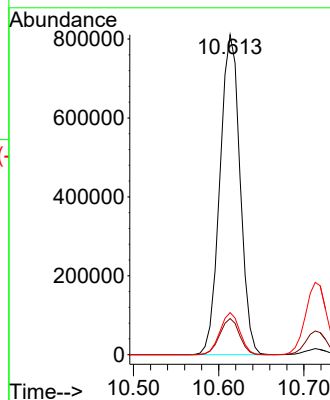
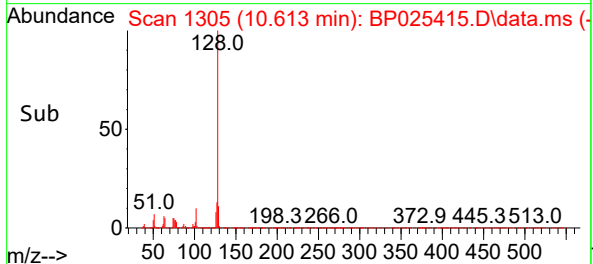
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:128 Resp: 133000
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.7 16.1

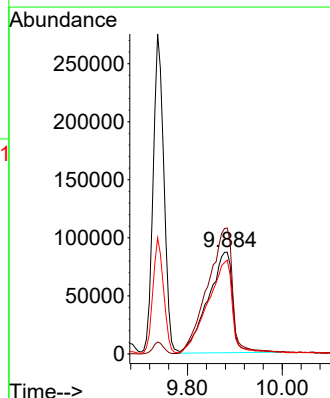
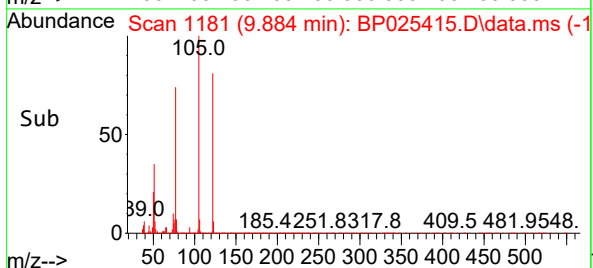
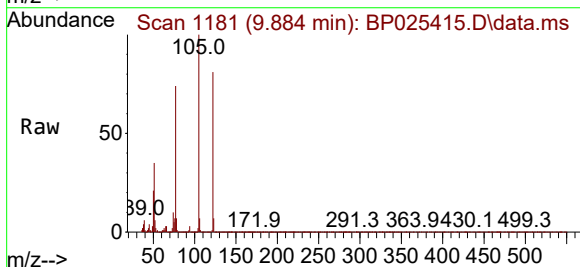
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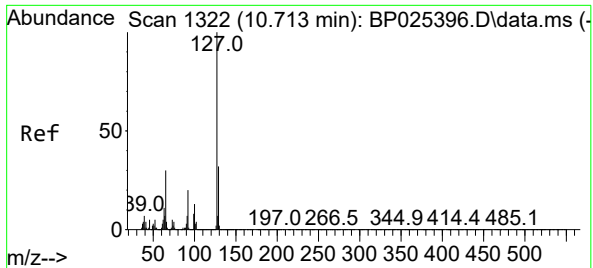
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 44.638 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

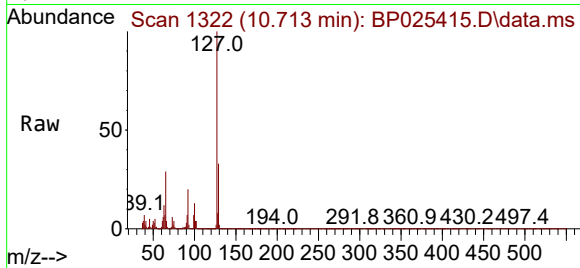
Tgt Ion:122 Resp: 311312
Ion Ratio Lower Upper
122 100
105 123.6 100.6 140.6
77 92.0 71.5 111.5





#33
4-Chloroaniline
Concen: 23.081 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

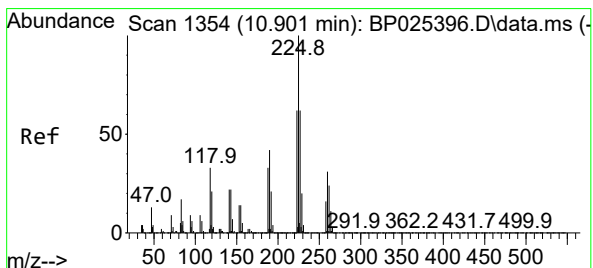
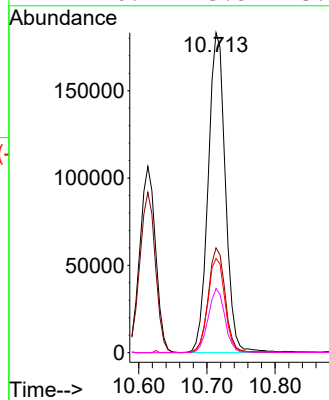
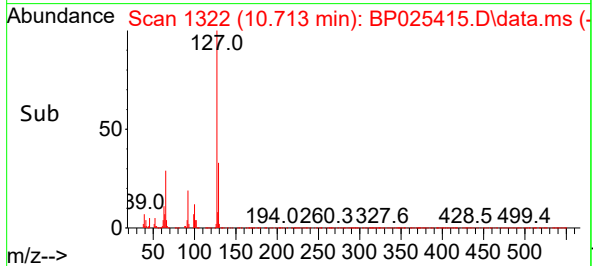
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:127 Resp: 321033
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.2
65 29.5 23.8 35.6
92 20.1 15.8 23.8

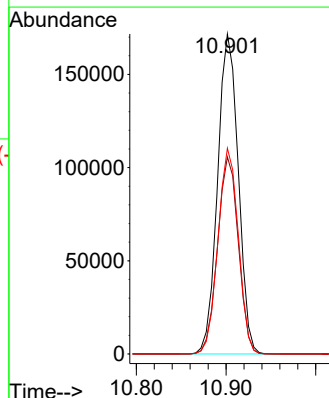
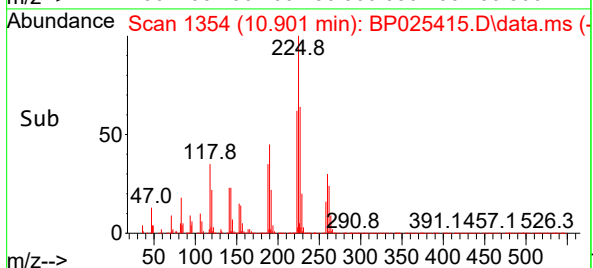
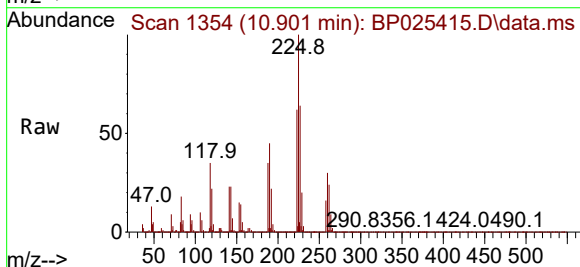
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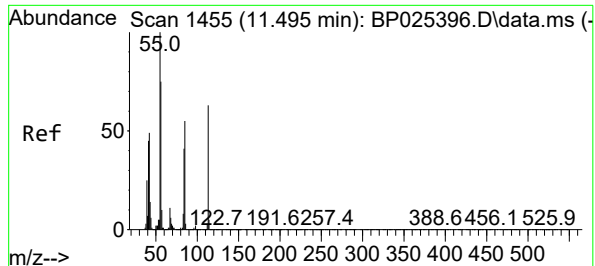
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 42.806 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

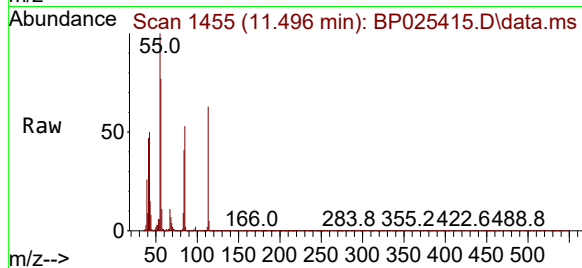
Tgt Ion:225 Resp: 274233
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 64.3 49.7 74.5





#35
Caprolactam
Concen: 43.572 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

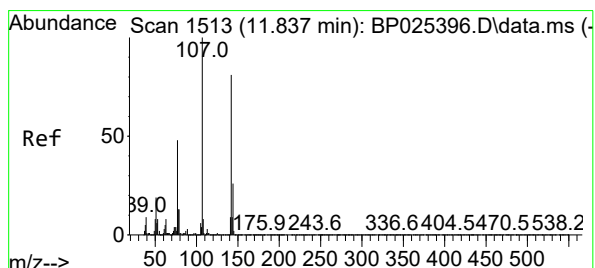
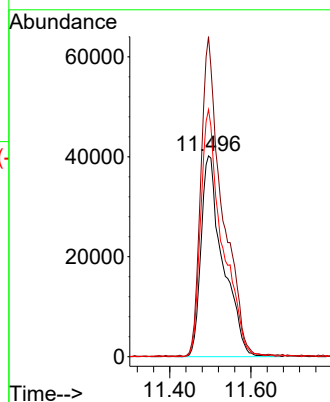
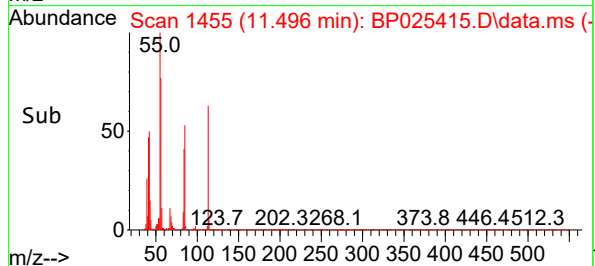
Instrument :
BNA_P
ClientSampleId :
88H-EMS



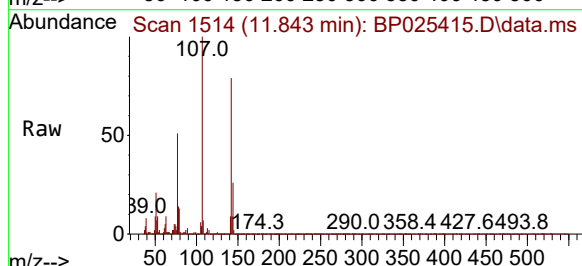
Tgt Ion:113 Resp: 149929
Ion Ratio Lower Upper
113 100
55 159.4 140.0 180.0
56 123.0 100.0 140.0

Manual Integrations
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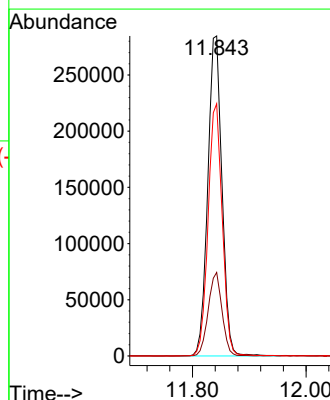
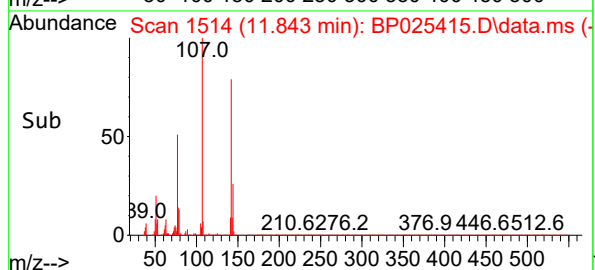
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

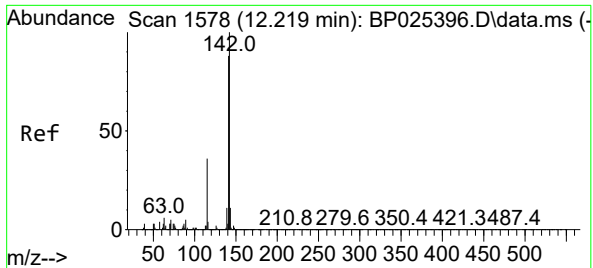


#36
4-Chloro-3-methylphenol
Concen: 45.638 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



Tgt Ion:107 Resp: 491428
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.4
142 78.8 64.6 97.0





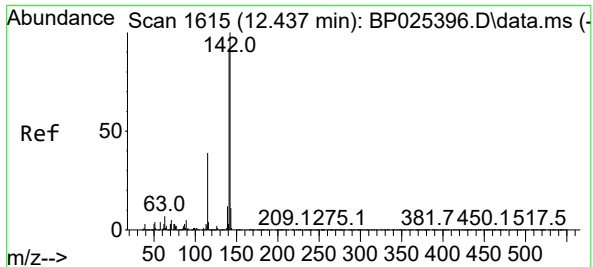
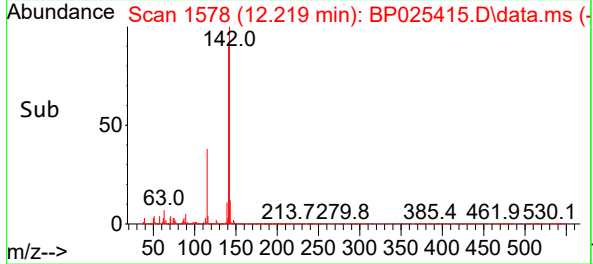
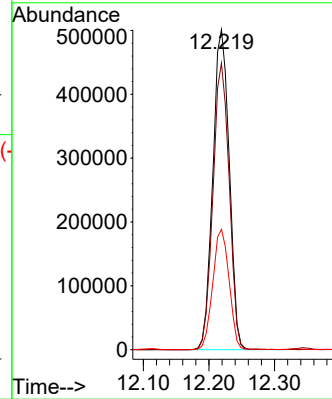
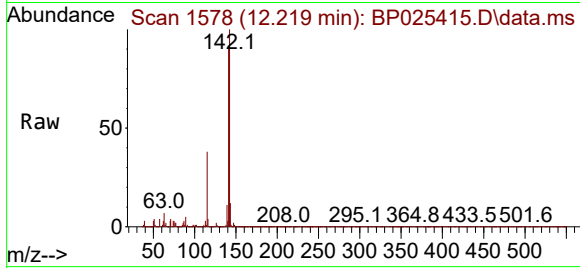
#37
2-Methylnaphthalene
Concen: 42.539 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Instrument :
BNA_P
ClientSampleId :
88H-EMS

Tgt Ion:142 Resp: 871694
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 37.6 28.9 43.3

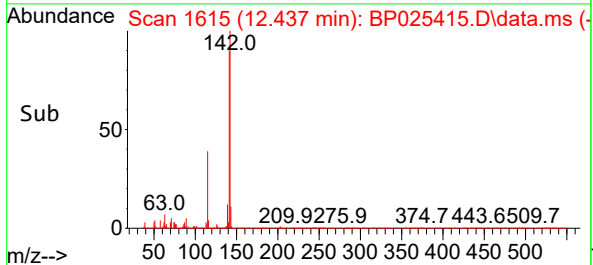
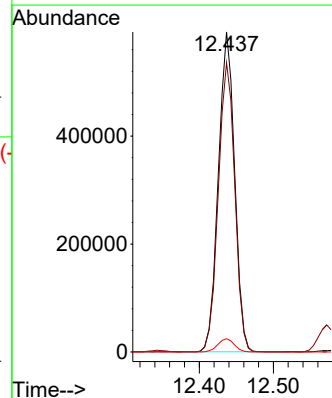
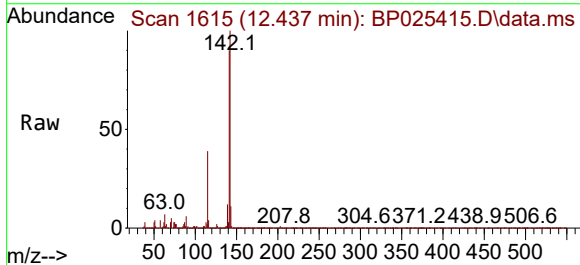
Manual Integrations
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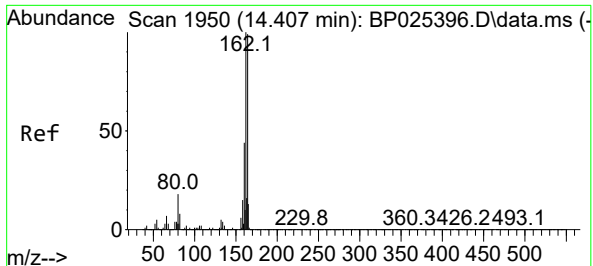
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 41.432 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:142 Resp: 902892
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:164 Resp: 386320

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

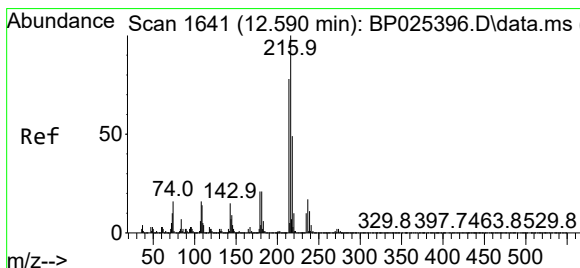
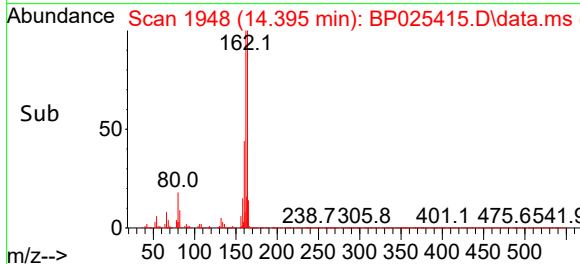
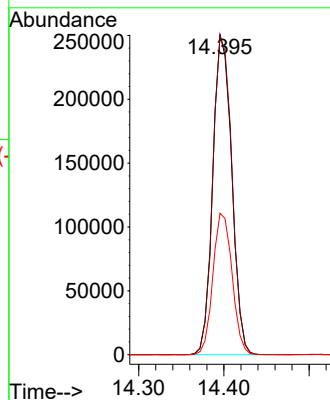
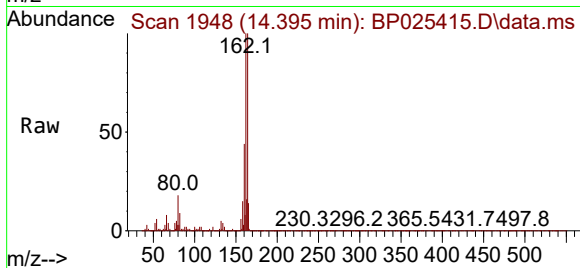
160 44.2 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.368 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Tgt Ion:216 Resp: 495028

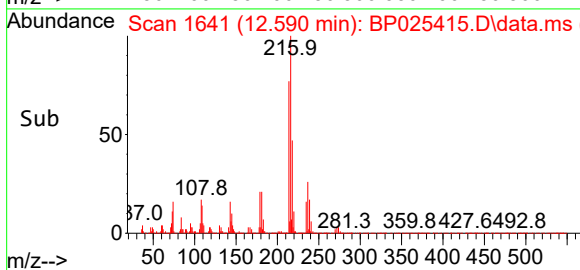
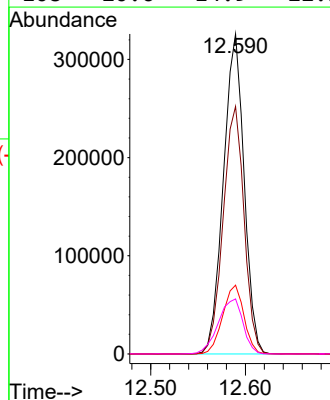
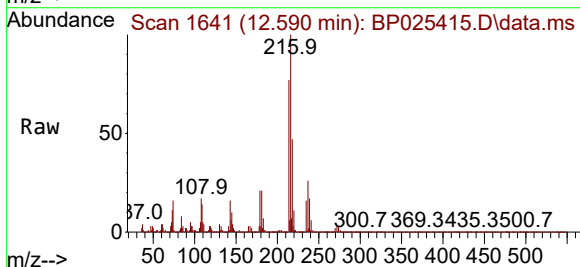
Ion Ratio Lower Upper

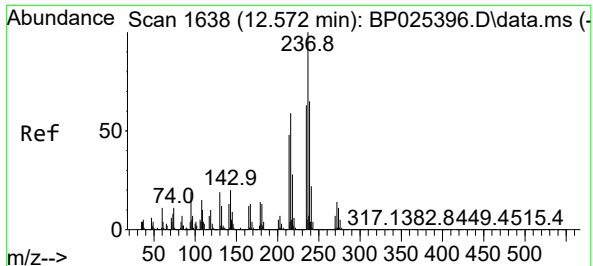
216 100

214 78.2 63.0 94.4

179 22.0 17.1 25.7

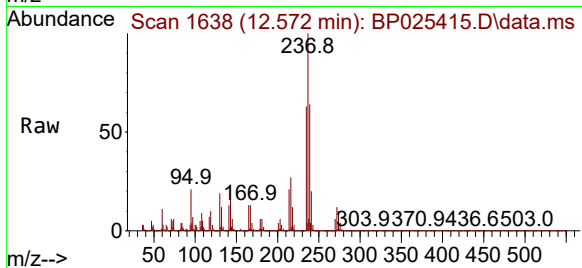
108 20.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 87.099 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

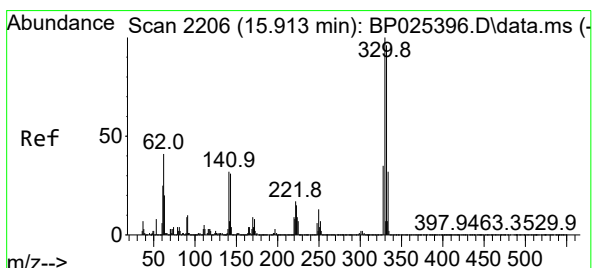
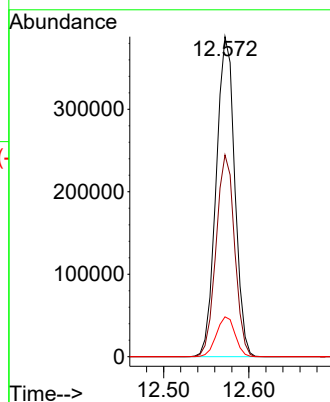
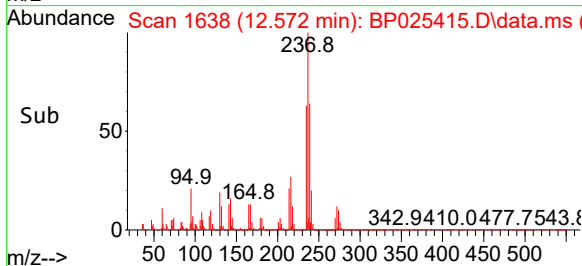
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion: 237 Resp: 587000
Ion Ratio Lower Upper
237 100
235 63.0 42.7 82.7
272 12.4 0.0 34.0

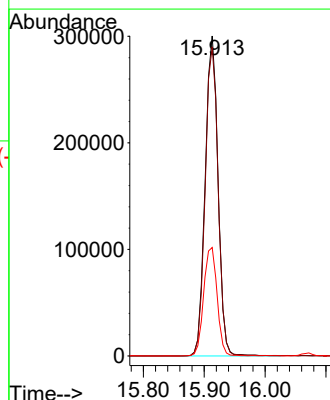
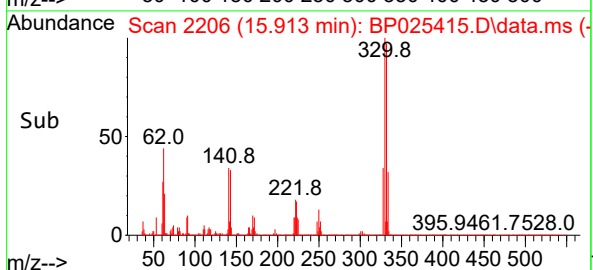
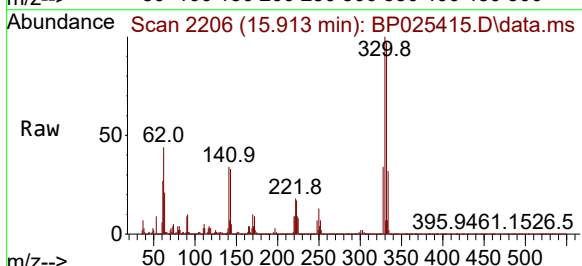
Manual Integrations
APPROVED

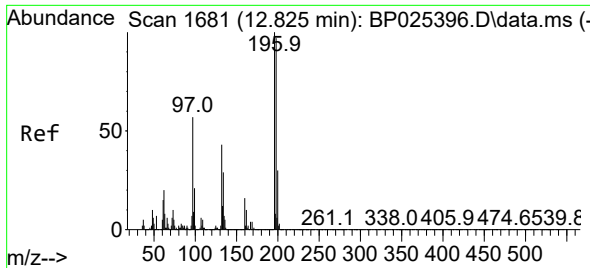
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 84.833 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 330 Resp: 441123
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 35.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 46.764 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:196 Resp: 352250

Ion Ratio Lower Upper

196 100

198 94.6 77.2 115.8

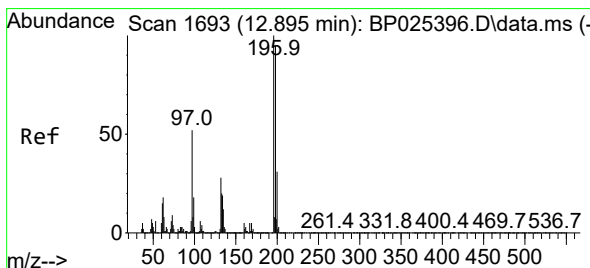
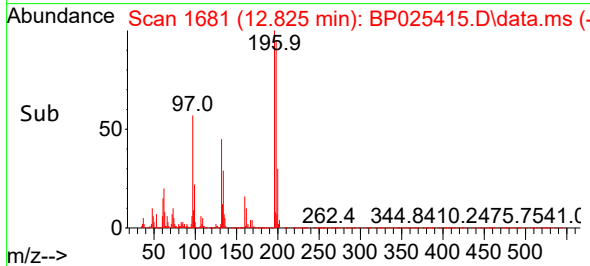
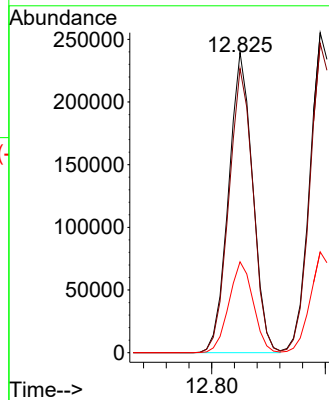
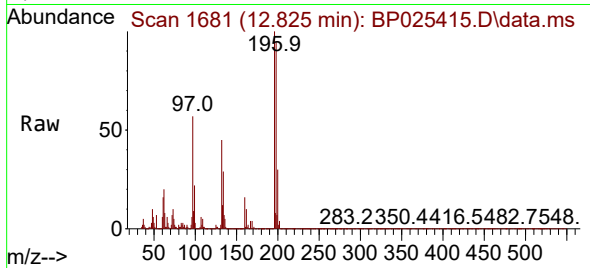
200 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 47.317 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Tgt Ion:196 Resp: 390615

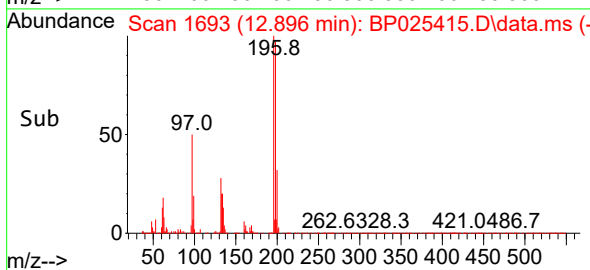
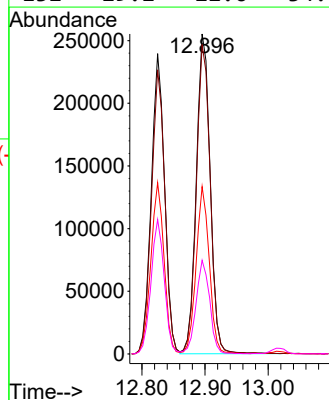
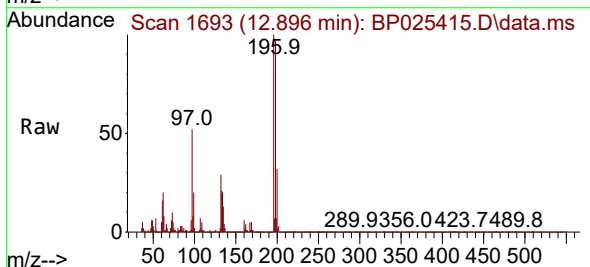
Ion Ratio Lower Upper

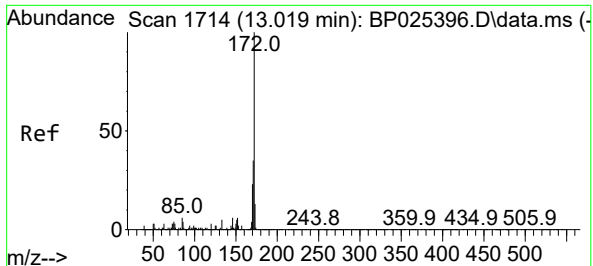
196 100

198 96.7 76.2 114.2

97 52.3 41.2 61.8

132 29.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 49.758 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:172 Resp: 1406520

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

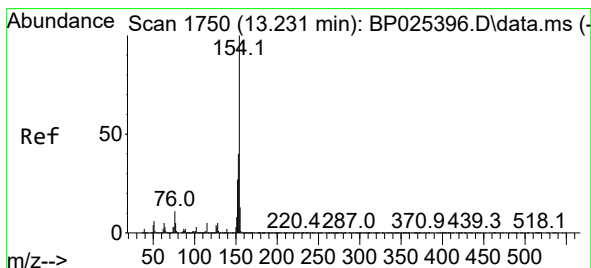
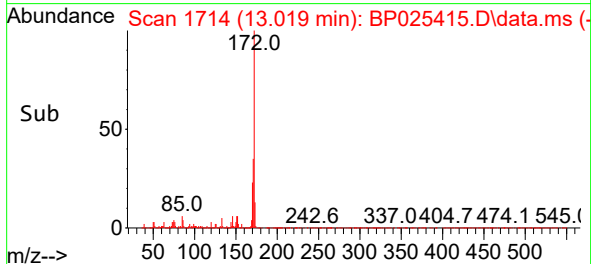
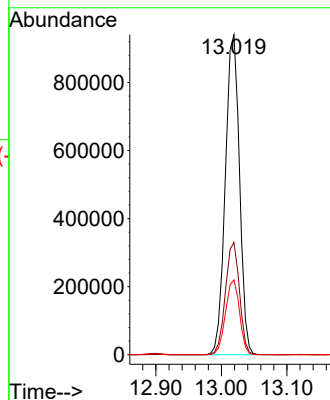
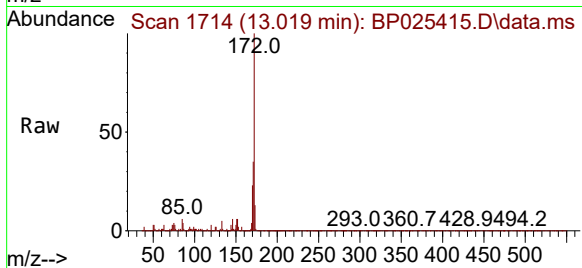
170 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 44.583 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

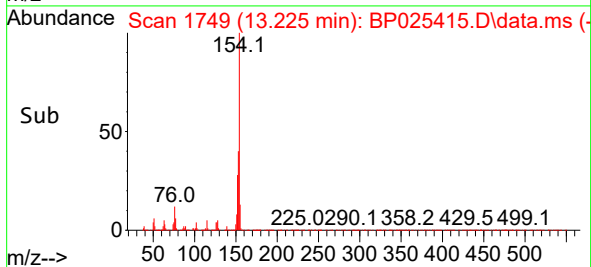
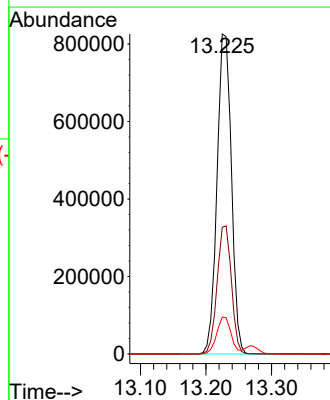
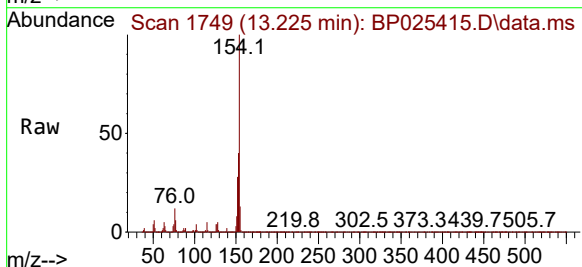
Tgt Ion:154 Resp: 1250868

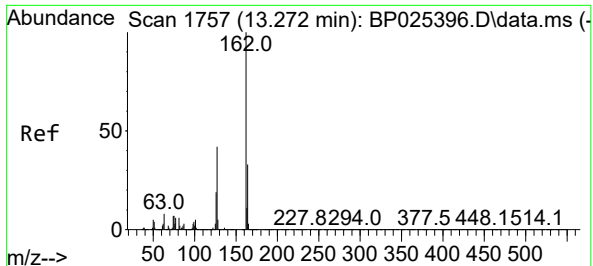
Ion Ratio Lower Upper

154 100

153 39.6 19.5 59.5

76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.103 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:162 Resp: 963302

Ion Ratio Lower Upper

162 100

127 40.8 33.4 50.2

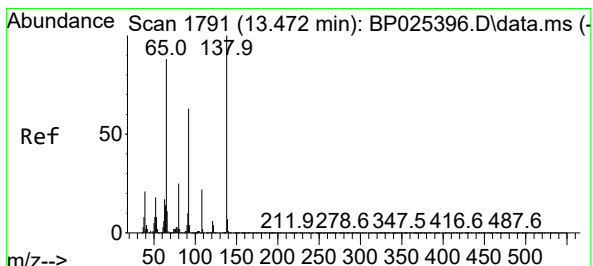
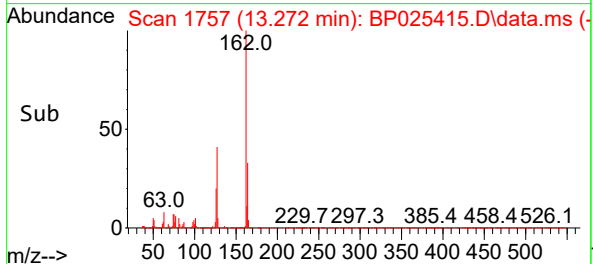
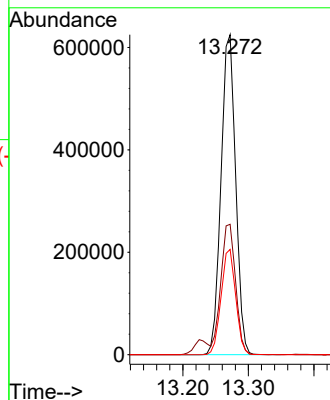
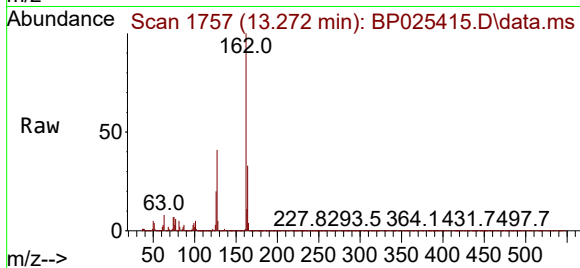
164 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 46.787 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

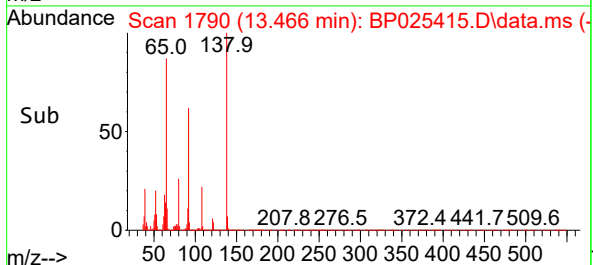
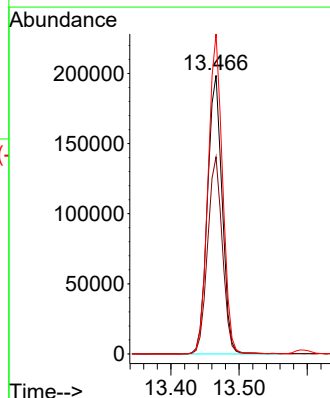
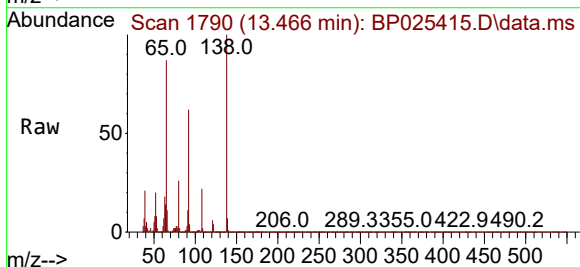
Tgt Ion: 65 Resp: 297760

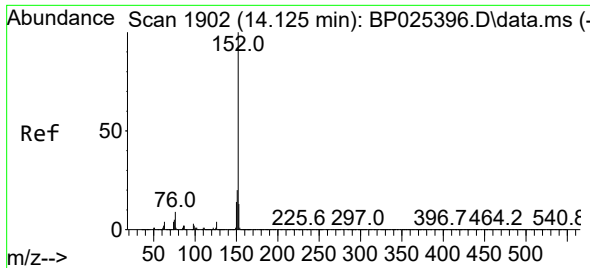
Ion Ratio Lower Upper

65 100

92 70.7 57.6 86.4

138 114.9 91.0 136.6





#49

Acenaphthylene

Concen: 44.601 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025415.D

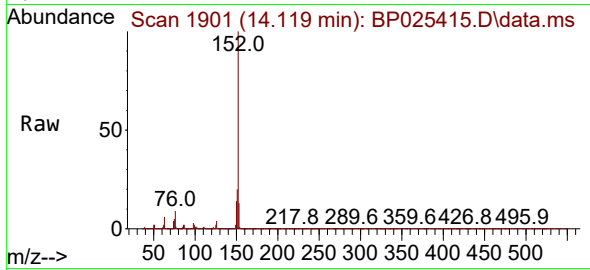
Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS



Tgt Ion:152 Resp: 161199

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

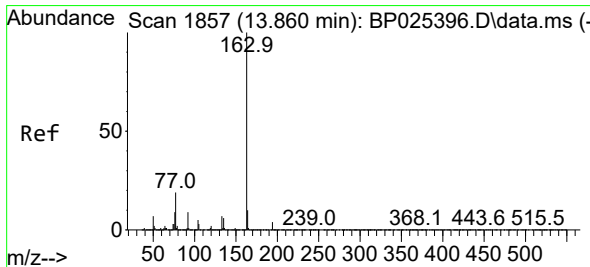
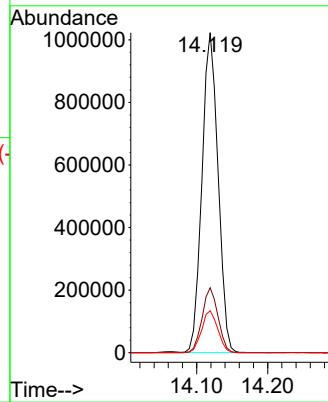
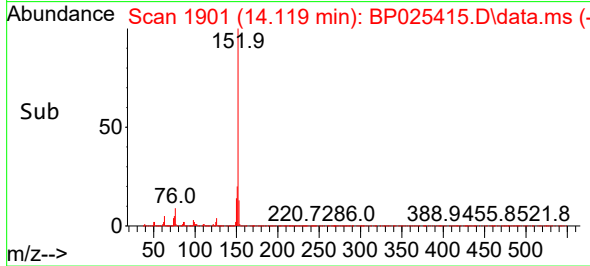
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

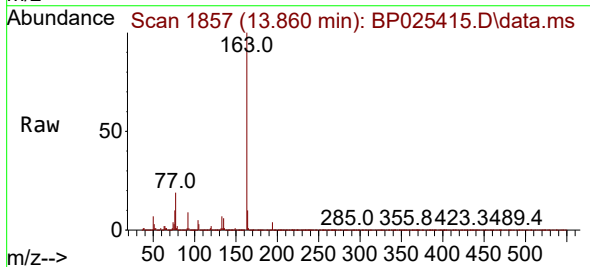
Concen: 44.335 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48



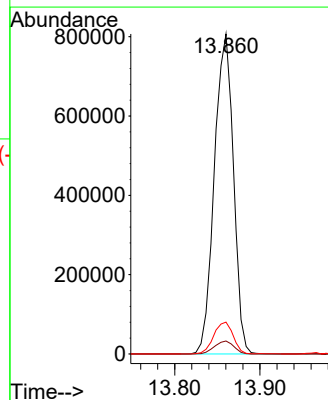
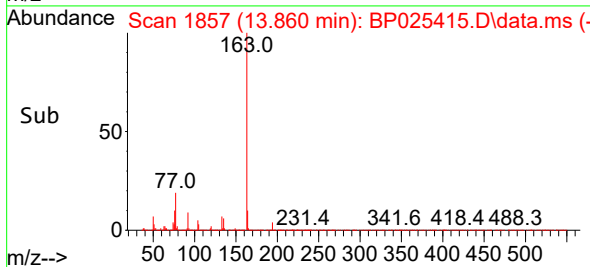
Tgt Ion:163 Resp: 1254219

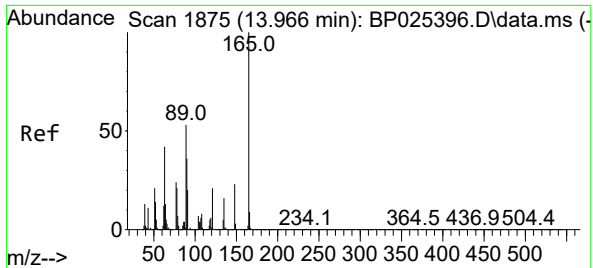
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

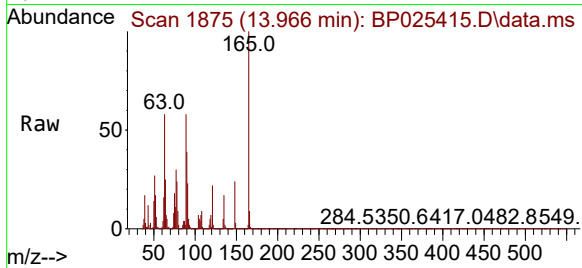
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.226 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

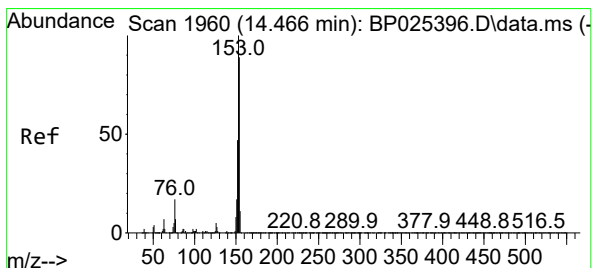
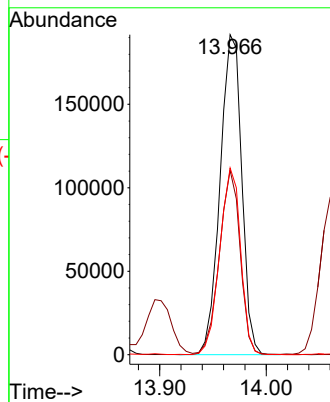
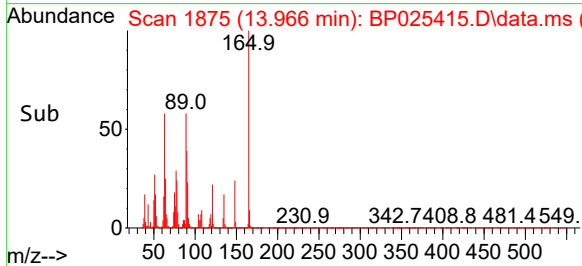
Instrument :
BNA_P
ClientSampleId :
88H-EMS



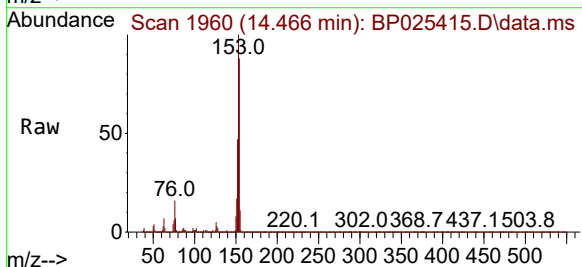
Tgt Ion:165 Resp: 269670
Ion Ratio Lower Upper
165 100
63 57.6 40.9 61.3
89 58.4 42.1 63.1

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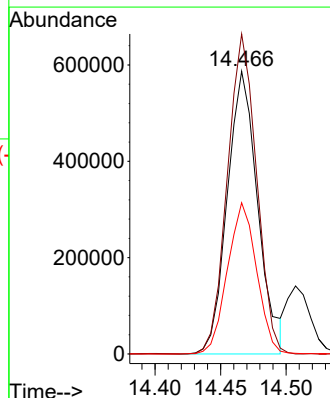
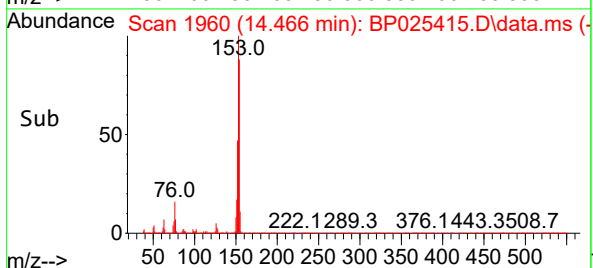
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

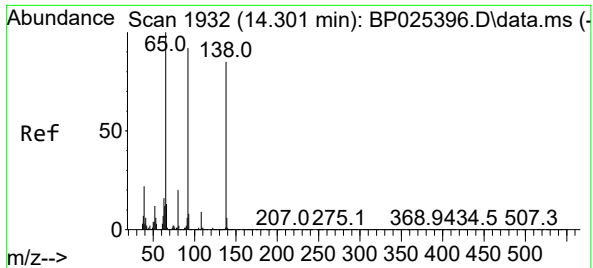


#52
Acenaphthene
Concen: 44.752 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



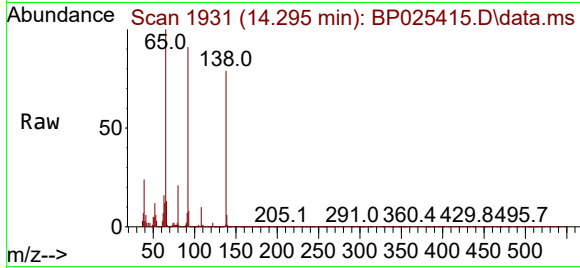
Tgt Ion:154 Resp: 949405
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.2
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 29.801 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

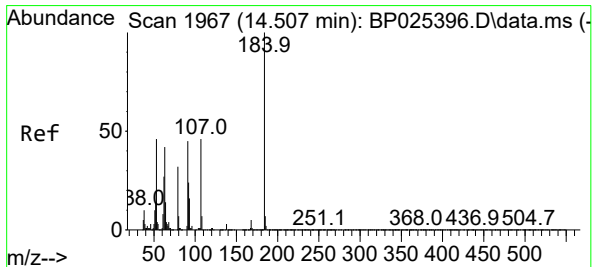
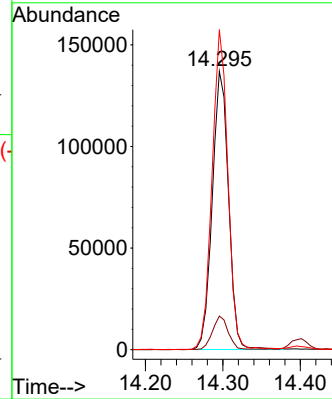
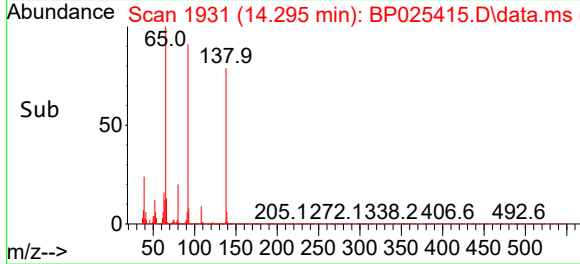
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:138 Resp: 199924
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 114.9 86.2 129.2

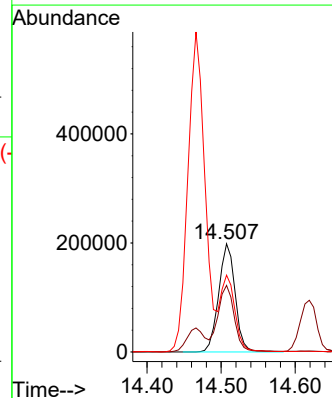
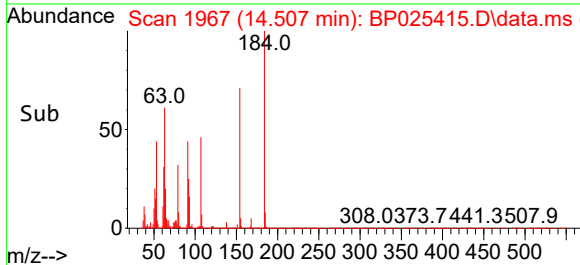
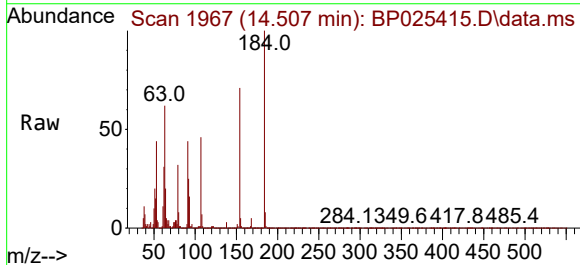
Manual Integrations
APPROVED

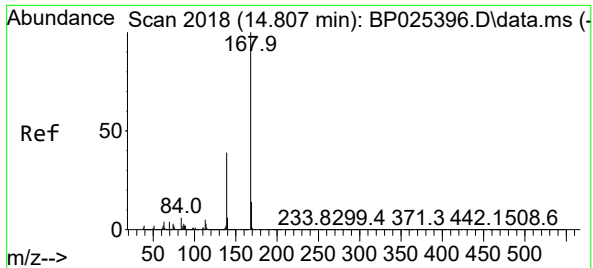
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 96.691 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:184 Resp: 307887
Ion Ratio Lower Upper
184 100
63 61.6 49.4 74.2
154 71.1 54.6 82.0





#55

Dibenzenofuran

Concen: 44.417 ng

RT: 14.801 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:168 Resp: 1489789

Ion Ratio Lower Upper

168 100

139 40.2 31.5 47.3

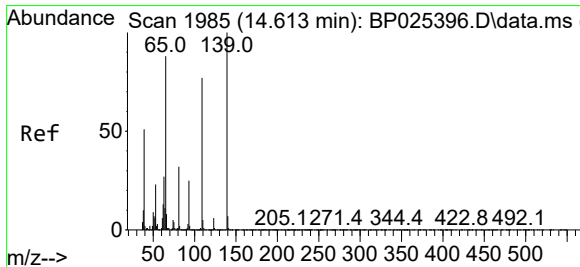
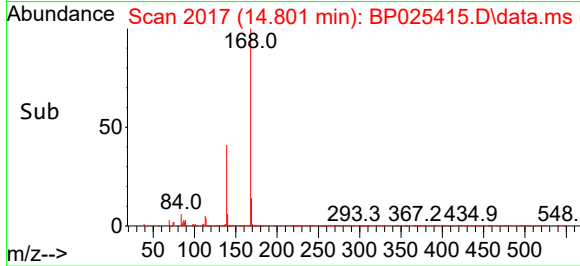
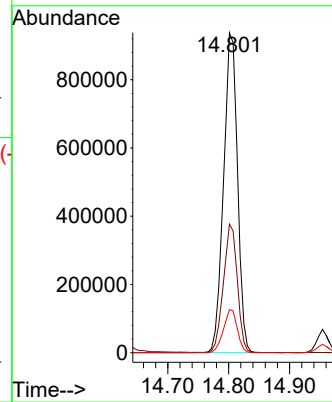
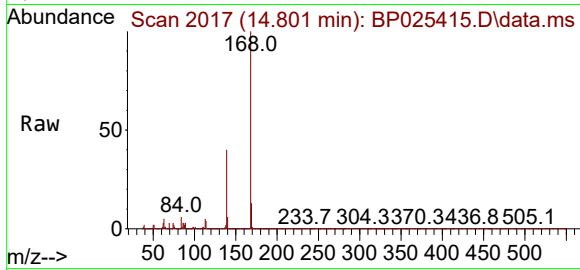
169 13.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 93.200 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

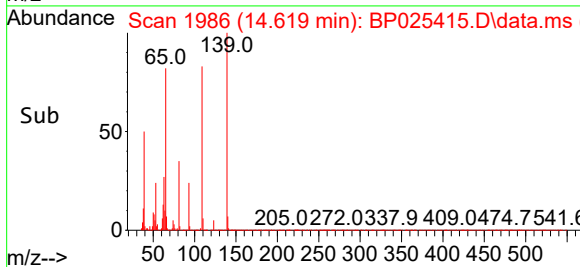
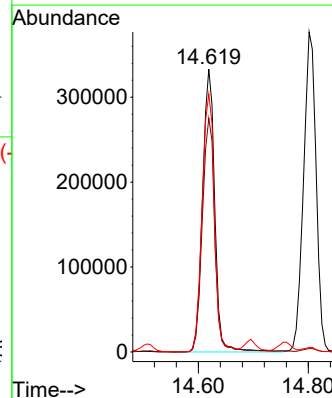
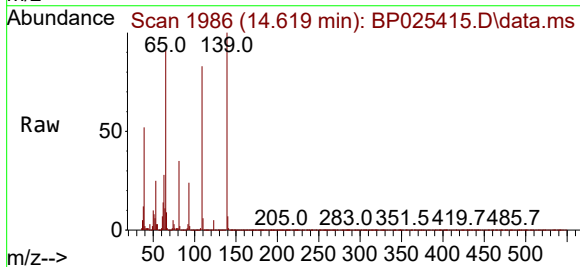
Tgt Ion:139 Resp: 513780

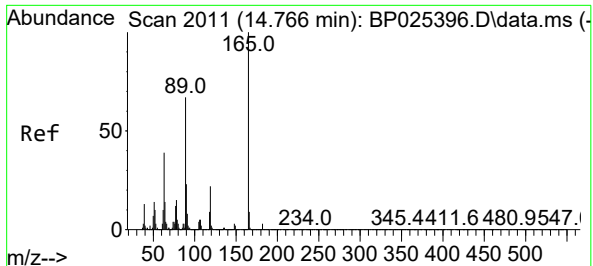
Ion Ratio Lower Upper

139 100

109 82.7 56.6 96.6

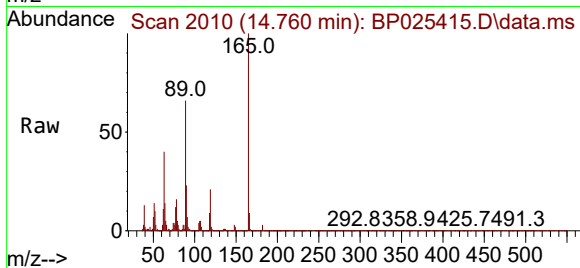
65 91.3 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 47.011 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

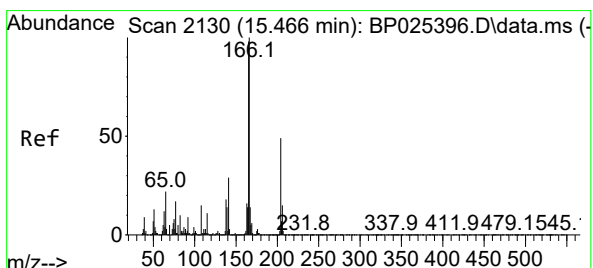
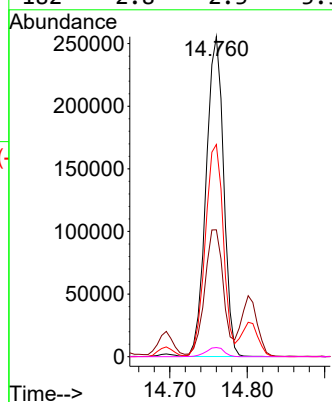
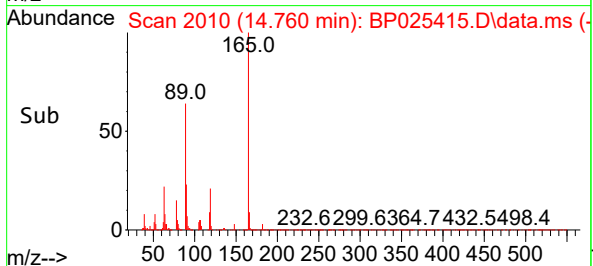
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:165 Resp: 399930
Ion Ratio Lower Upper
165 100
63 39.7 31.4 47.2
89 66.3 53.3 79.9
182 2.8 2.3 3.5

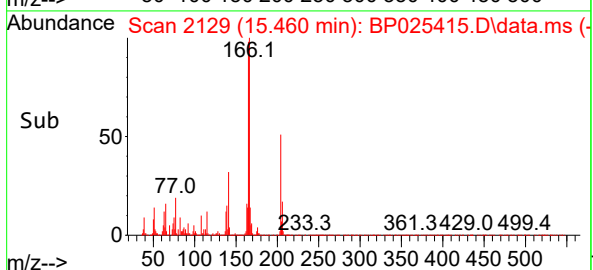
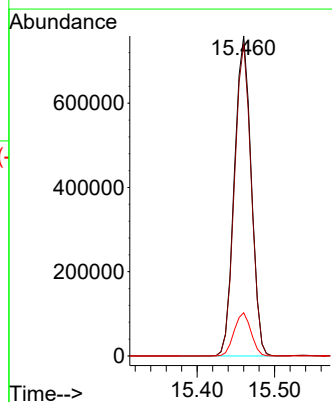
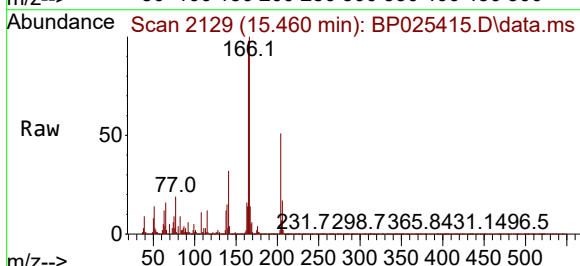
Manual Integrations
APPROVED

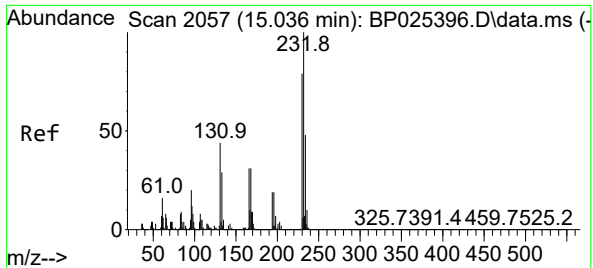
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 43.175 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

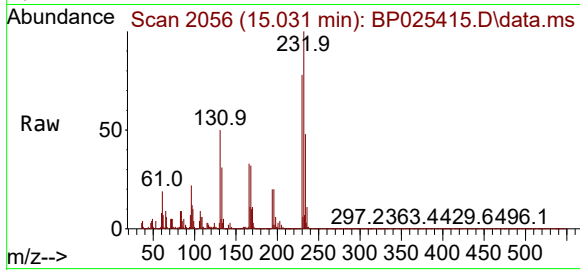
Tgt Ion:166 Resp: 1142677
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.866 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

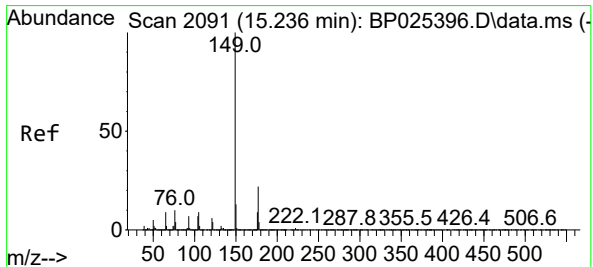
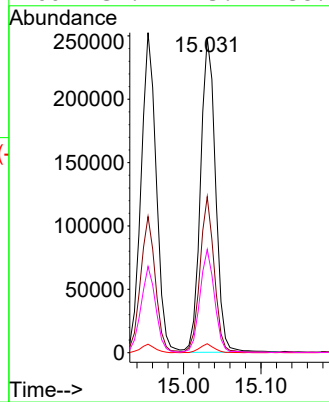
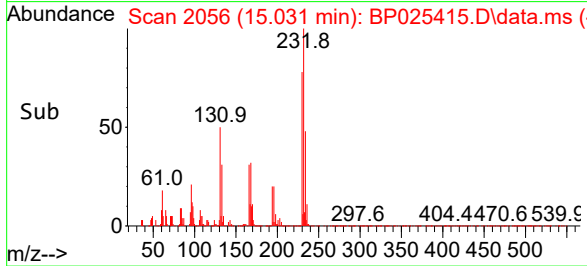
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:232 Resp: 33433
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.6
130 2.7 1.9 2.9
166 31.9 25.4 38.0

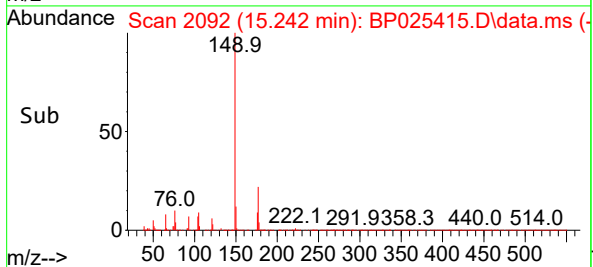
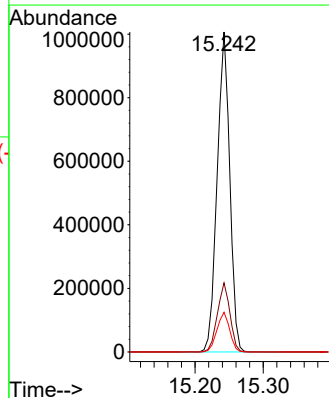
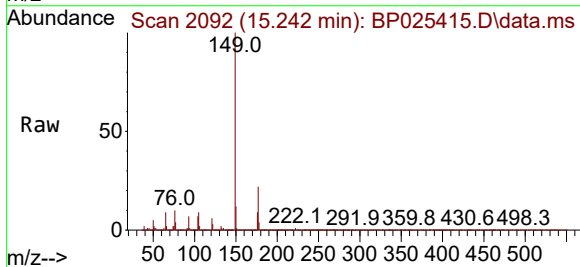
Manual Integrations
APPROVED

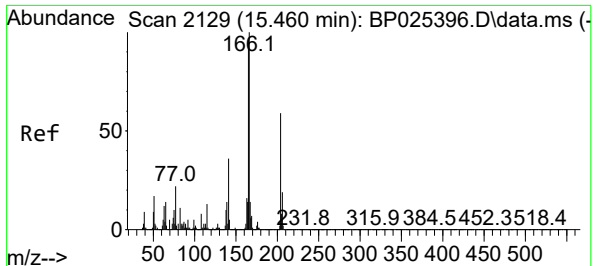
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 44.982 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

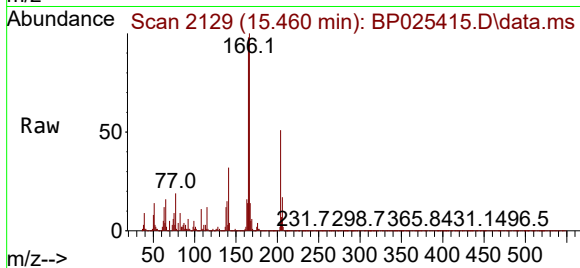
Tgt Ion:149 Resp: 1293019
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.468 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

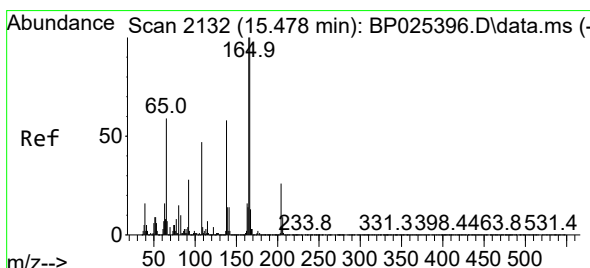
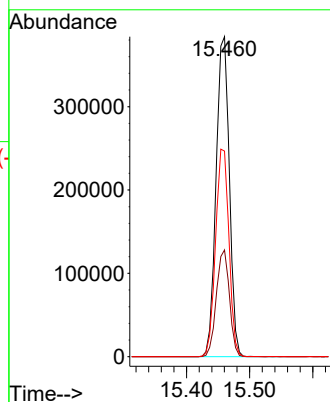
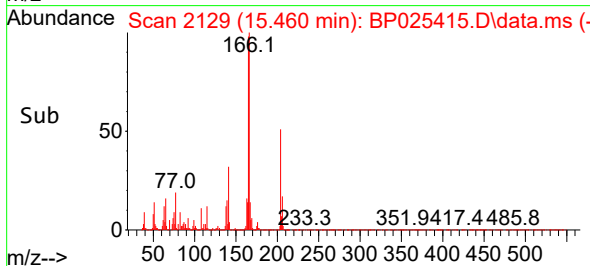
Instrument :
BNA_P
ClientSampleId :
88H-EMS



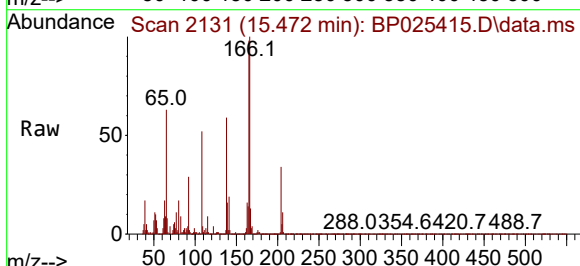
Tgt Ion:204 Resp: 558984
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 64.3 49.4 74.2

Manual Integrations
APPROVED

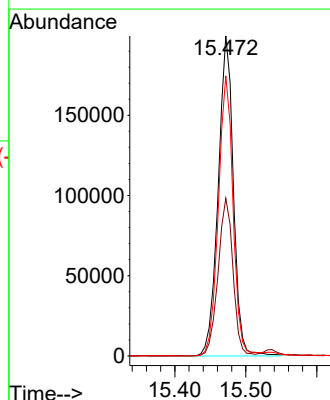
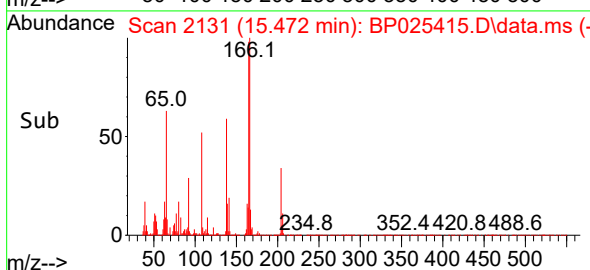
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

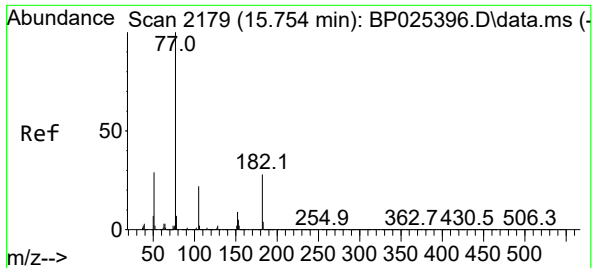


#62
4-Nitroaniline
Concen: 43.007 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



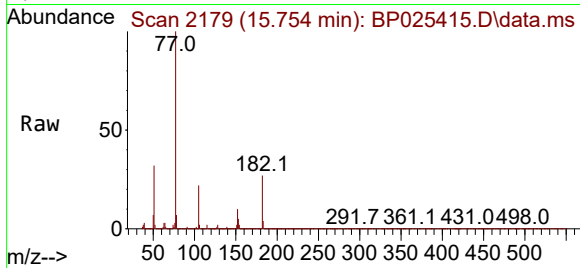
Tgt Ion:138 Resp: 295780
Ion Ratio Lower Upper
138 100
92 49.3 29.1 69.1
108 87.5 61.5 101.5





#63
Azobenzene
Concen: 48.126 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

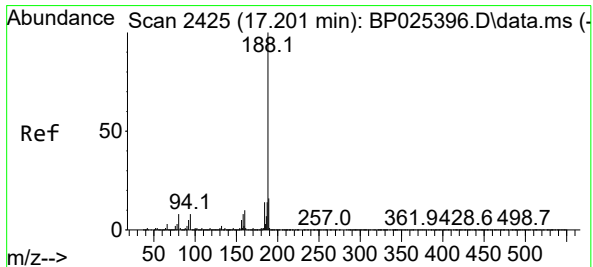
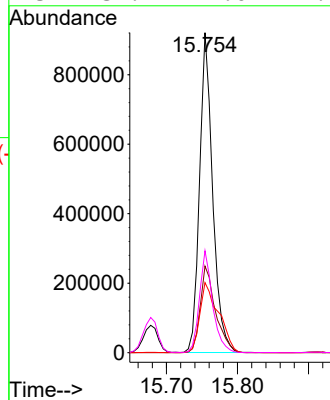
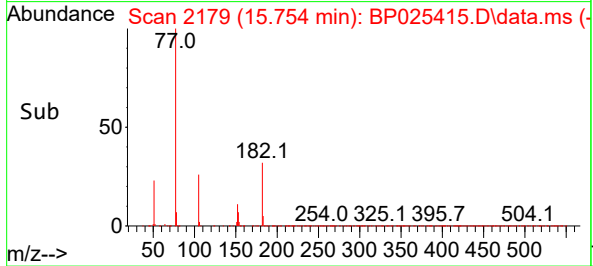
Instrument :
BNA_P
ClientSampleId :
88H-EMS



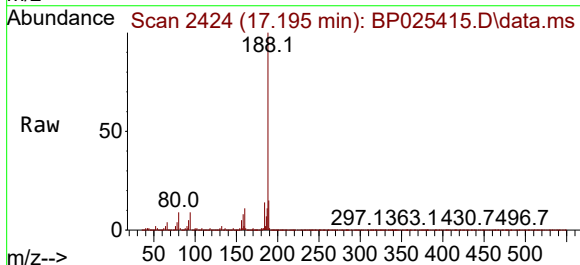
Tgt Ion: 77 Resp: 1184564
Ion Ratio Lower Upper
77 100
182 27.0 7.5 47.5
105 21.9 2.1 42.1
51 31.9 9.6 49.6

Manual Integrations
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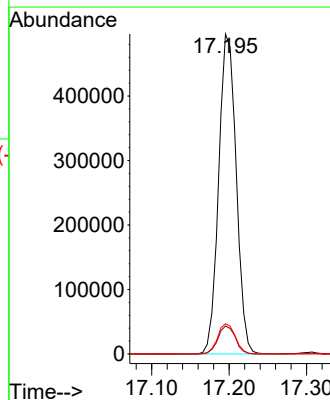
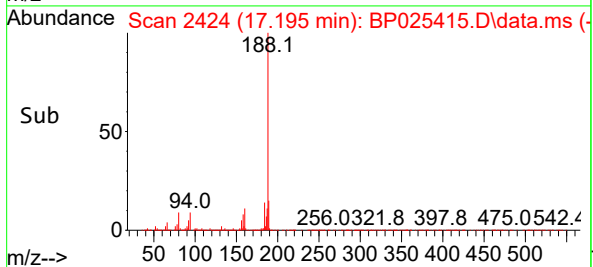
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

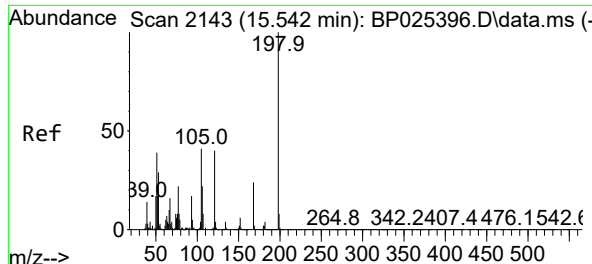


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



Tgt Ion:188 Resp: 780287
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.5 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.637 ng

RT: 15.537 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:198 Resp: 22197

Ion Ratio Lower Upper

198 100

51 40.3 19.6 59.6

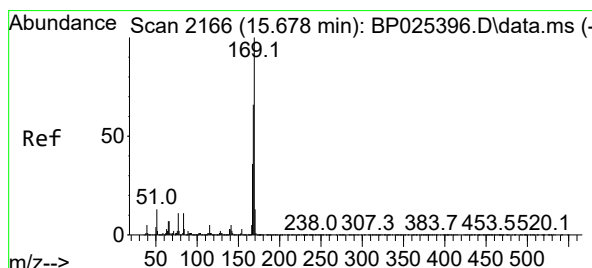
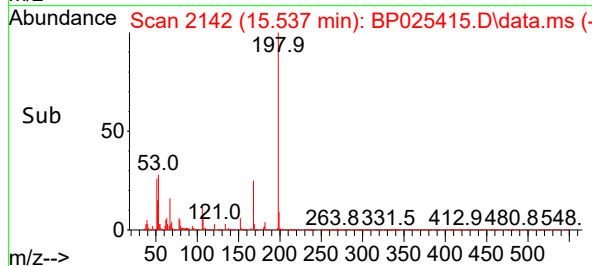
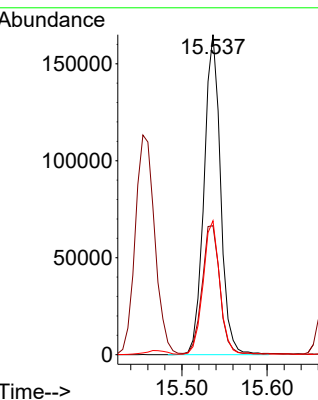
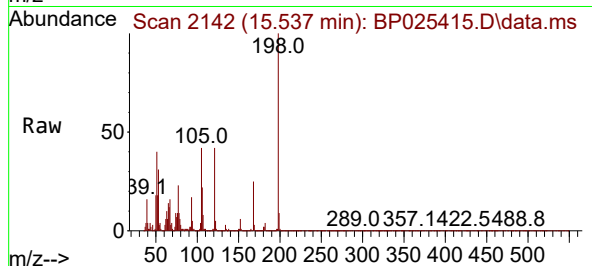
105 41.9 20.9 60.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#66

n-Nitrosodiphenylamine

Concen: 43.502 ng

RT: 15.678 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

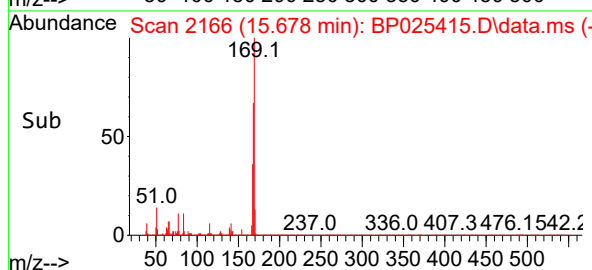
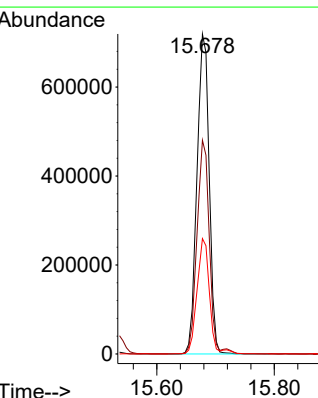
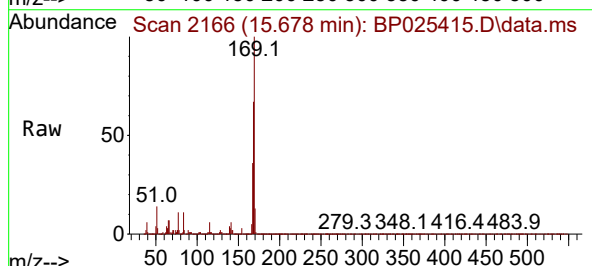
Tgt Ion:169 Resp: 1035094

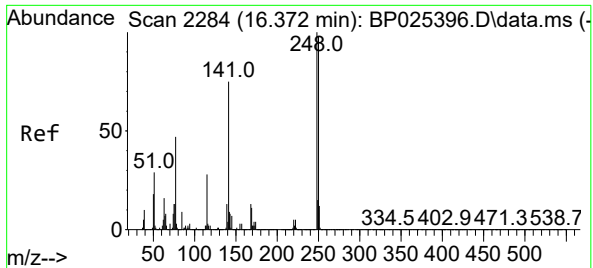
Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

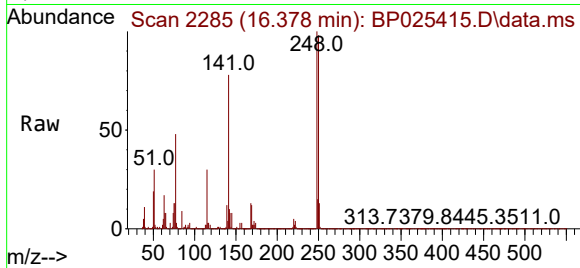
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.613 ng
RT: 16.378 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

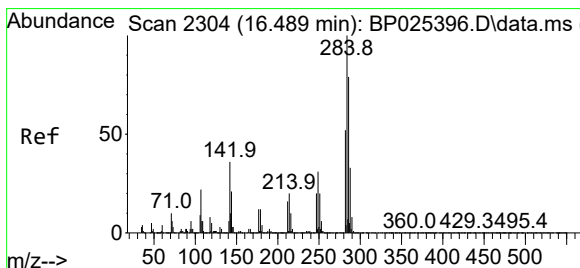
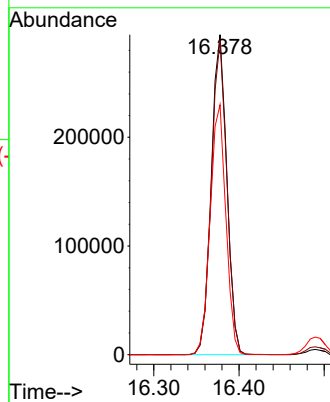
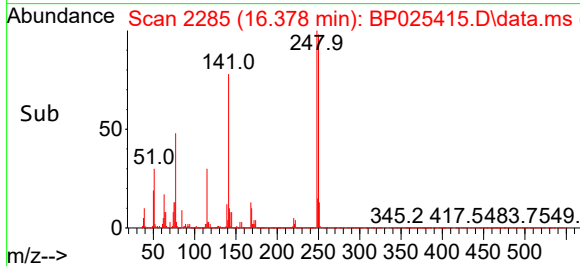
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:248 Resp: 374274
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 78.1 59.6 89.4

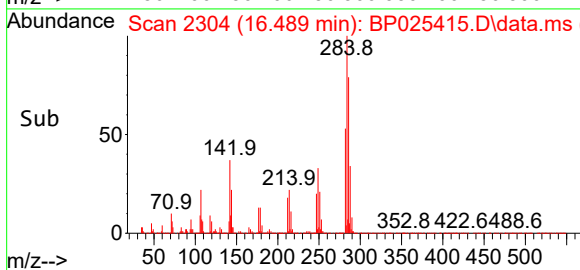
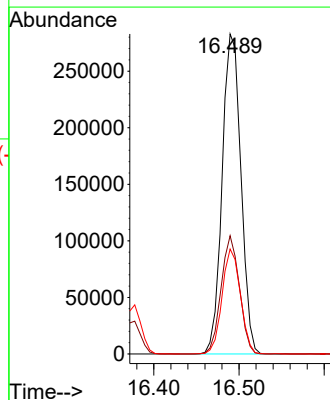
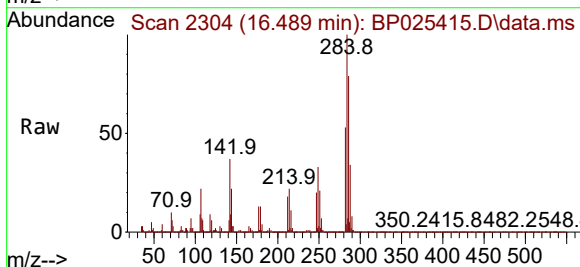
Manual Integrations
APPROVED

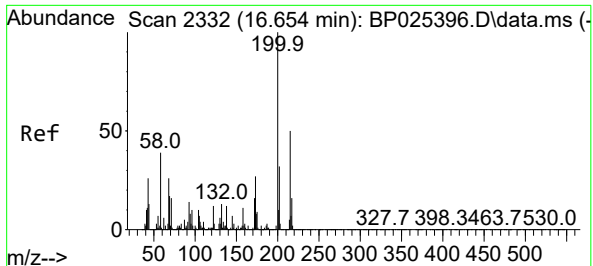
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 43.489 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion:284 Resp: 432625
Ion Ratio Lower Upper
284 100
142 37.0 29.1 43.7
249 32.8 25.0 37.4





#69

Atrazine

Concen: 44.758 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:200 Resp: 398840

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

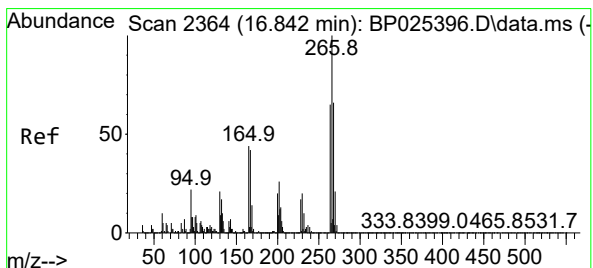
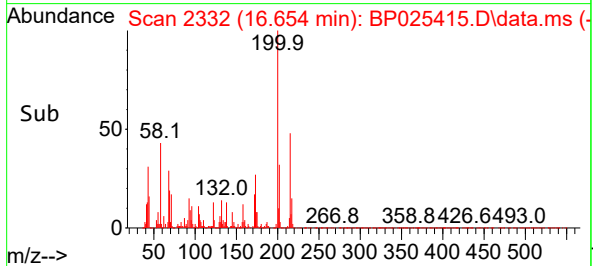
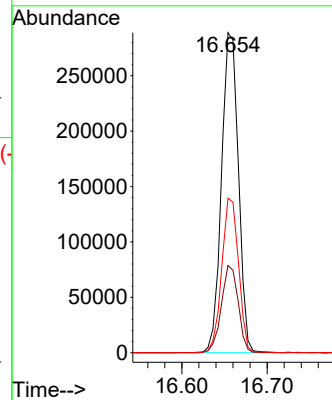
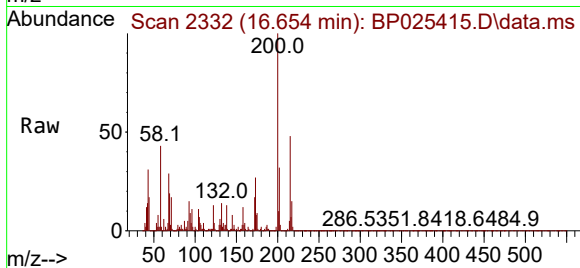
215 48.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 94.460 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

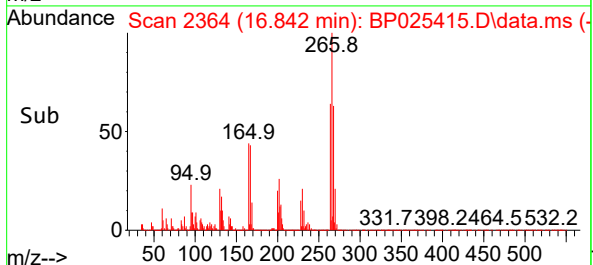
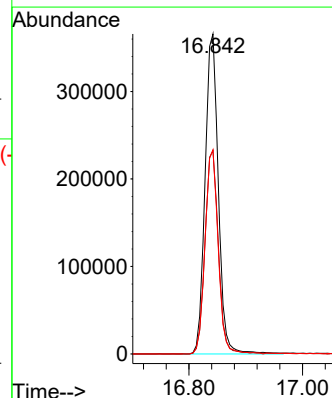
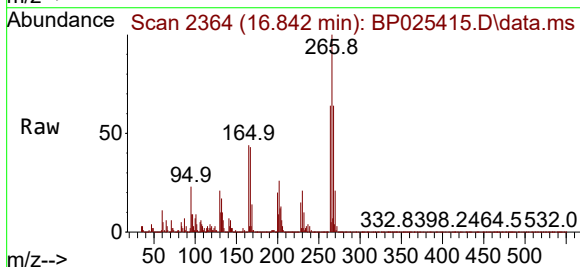
Tgt Ion:266 Resp: 593177

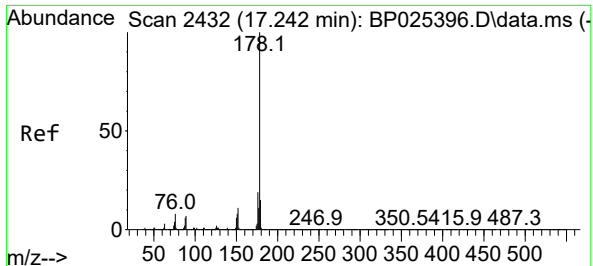
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

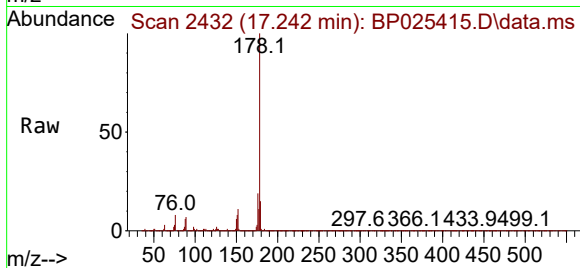
264 63.8 52.0 78.0





#71
Phenanthrene
Concen: 44.349 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

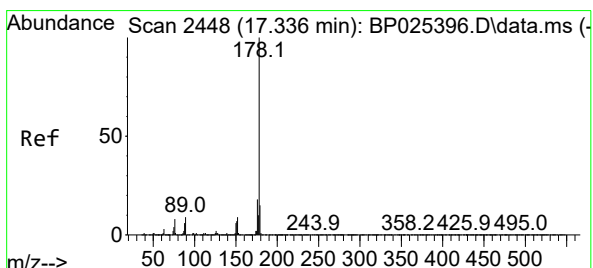
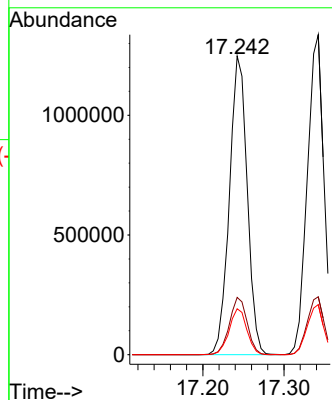
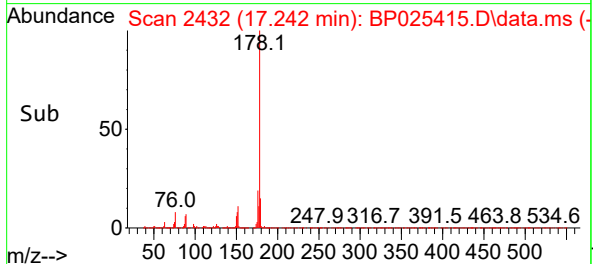
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:178 Resp: 190098
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.2 18.4

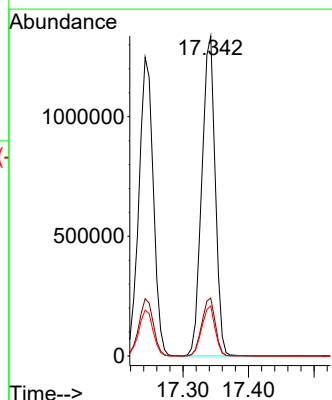
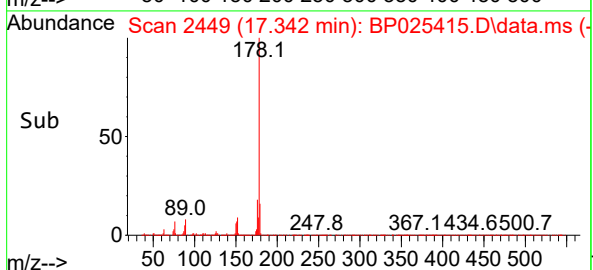
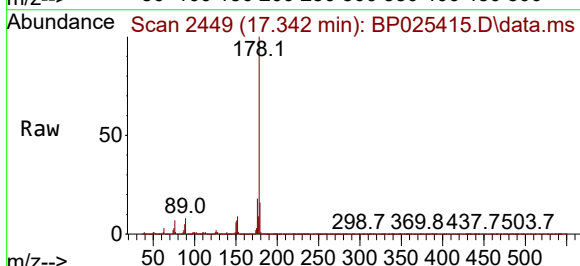
Manual Integrations
APPROVED

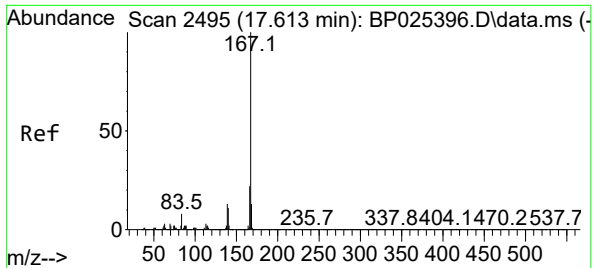
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 43.450 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

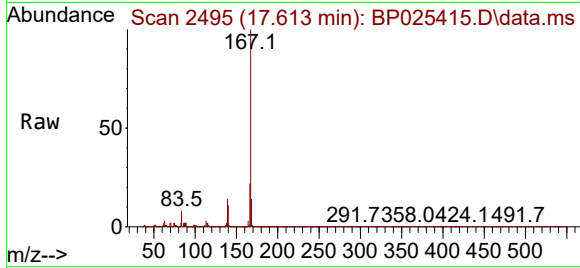
Tgt Ion:178 Resp: 1901911
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 44.831 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48

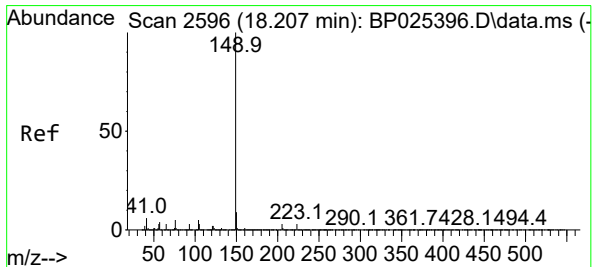
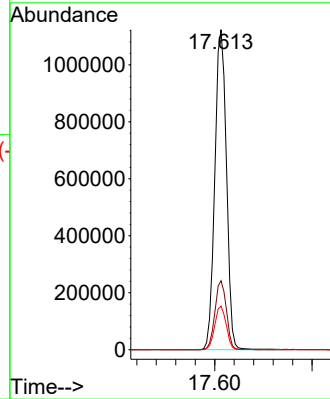
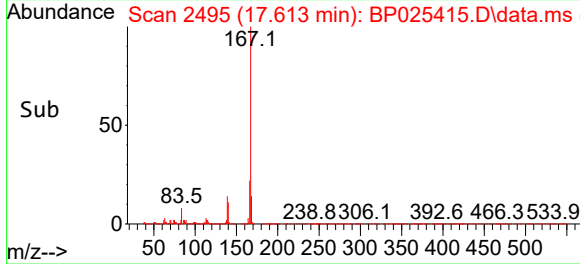
Instrument :
 BNA_P
 ClientSampleId :
 88H-EMS



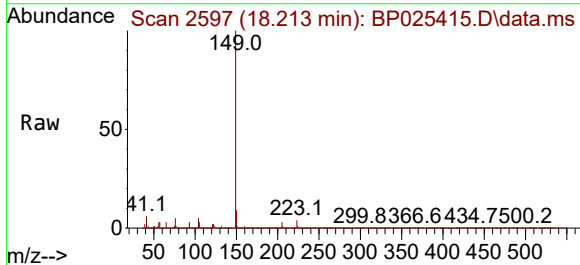
Tgt Ion:167 Resp: 184836
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.6 10.6 16.0

Manual Integrations
 APPROVED

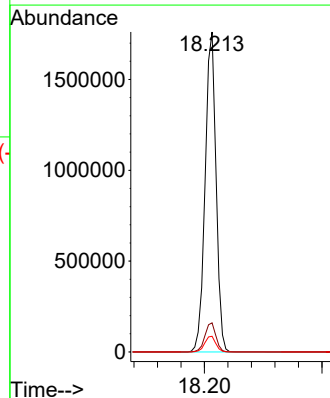
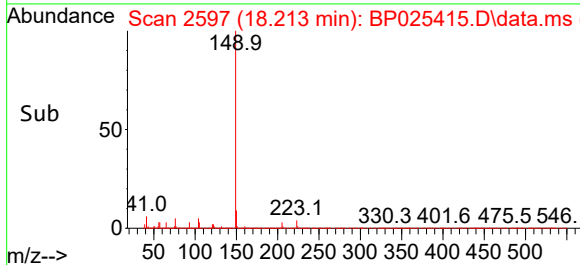
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

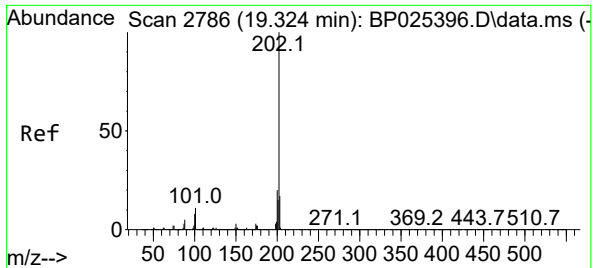


#74
 Di-n-butylphthalate
 Concen: 44.635 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025415.D
 Acq: 15 Aug 2025 05:48



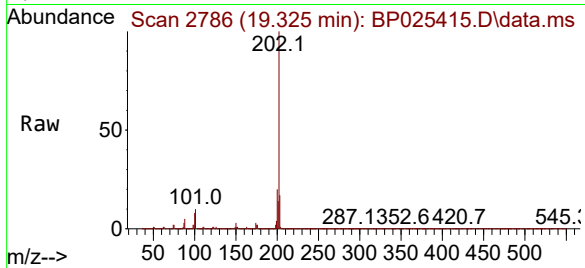
Tgt Ion:149 Resp: 2264177
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 44.484 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

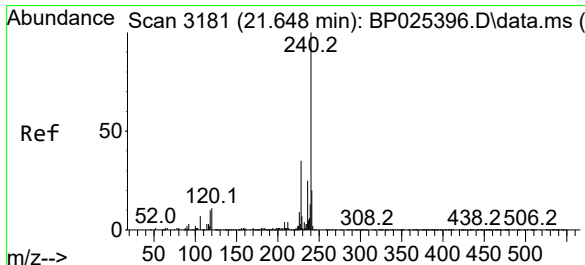
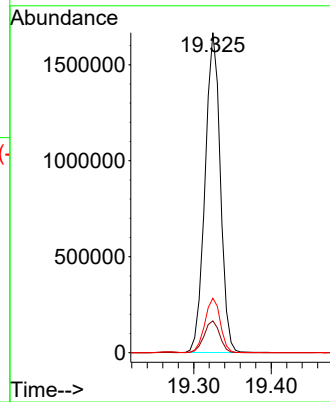
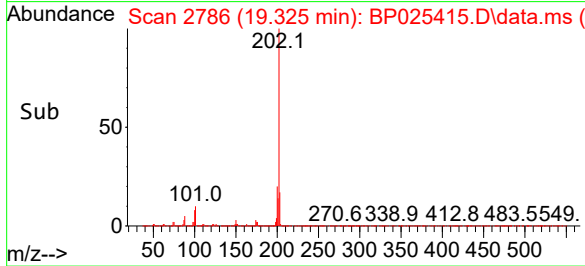
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:202 Resp: 2274430
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.0 0.0 37.3

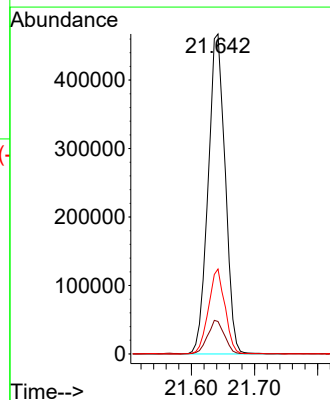
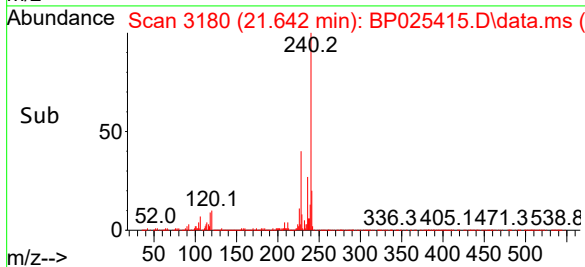
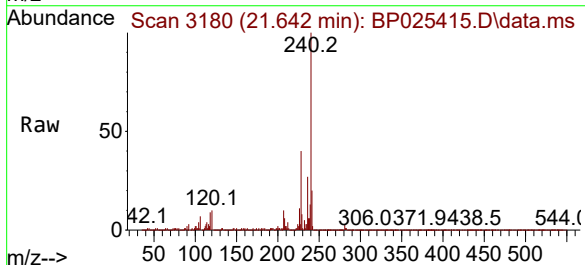
Manual Integrations
APPROVED

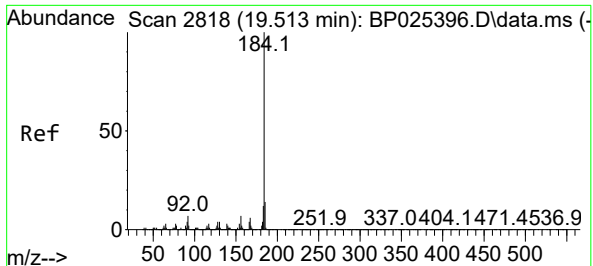
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

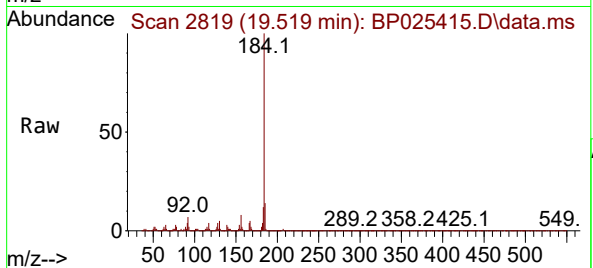
Tgt Ion:240 Resp: 875377
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.5 19.8 29.8





#77
Benzidine
Concen: 42.841 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

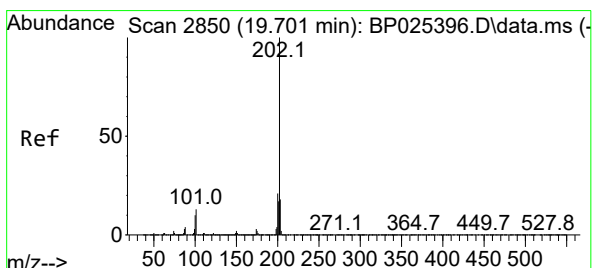
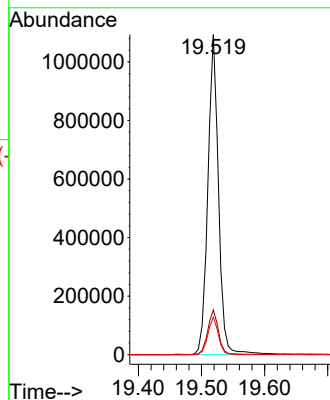
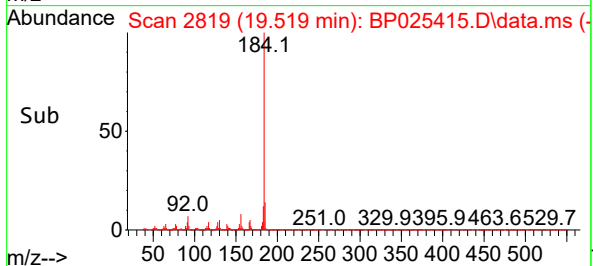
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:184 Resp: 127985
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.7 9.4 14.2

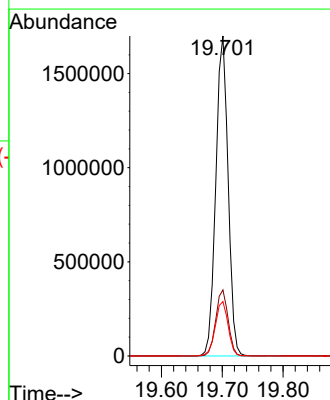
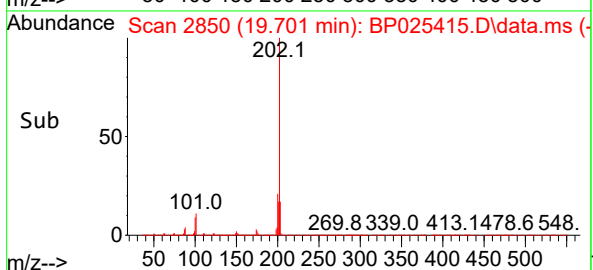
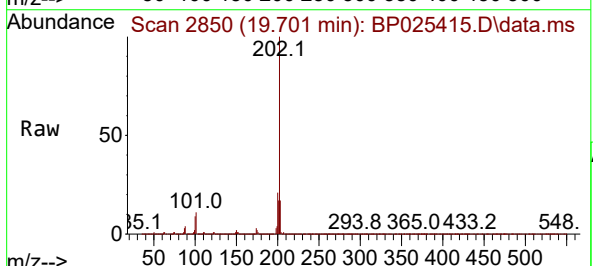
Manual Integrations
APPROVED

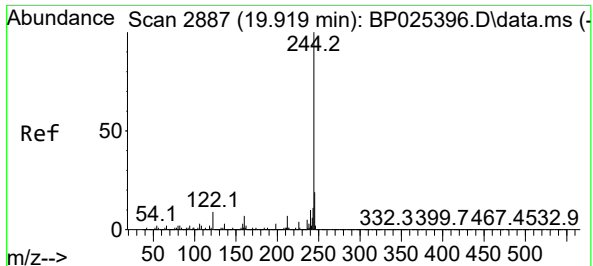
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 41.769 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

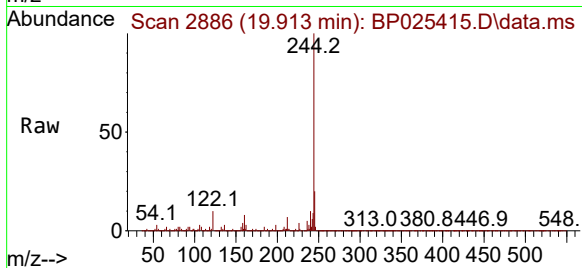
Tgt Ion:202 Resp: 2376529
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.0 14.2 21.2





#79
Terphenyl-d14
Concen: 45.681 ng
RT: 19.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

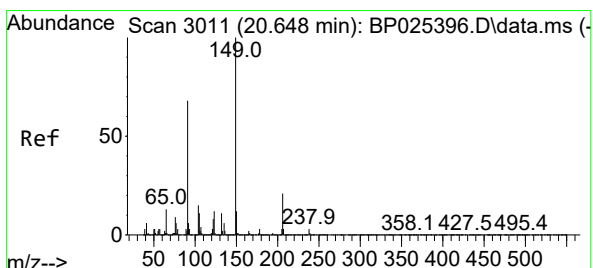
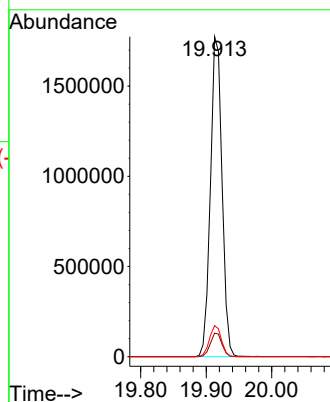
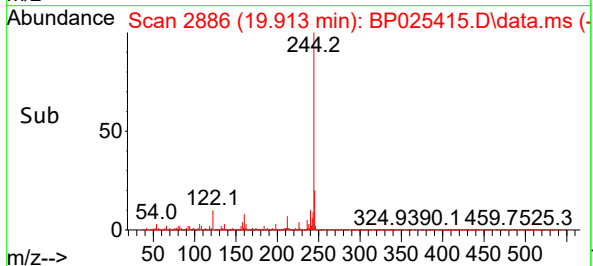
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:244 Resp: 2185634
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.7 7.4 11.2

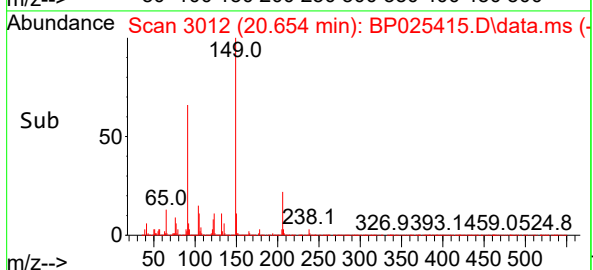
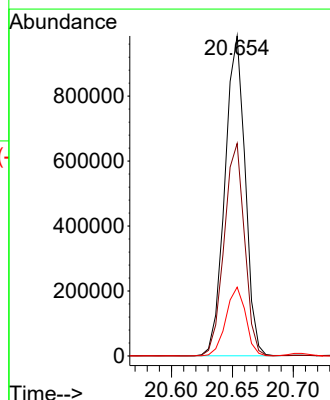
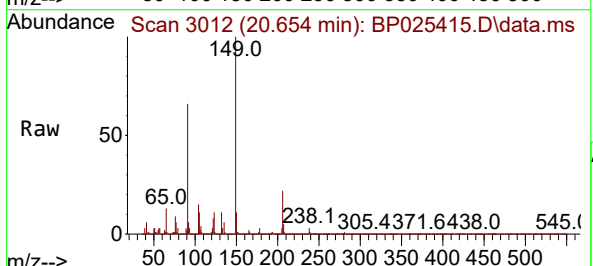
Manual Integrations
APPROVED

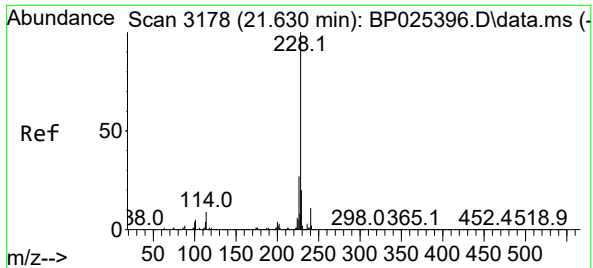
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 44.274 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

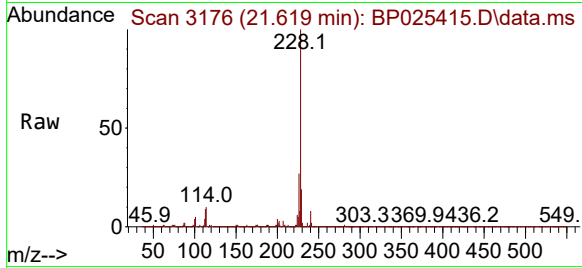
Tgt Ion:149 Resp: 1141667
Ion Ratio Lower Upper
149 100
91 66.4 54.2 81.2
206 21.5 16.6 24.8





#81
Benzo(a)anthracene
Concen: 44.364 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

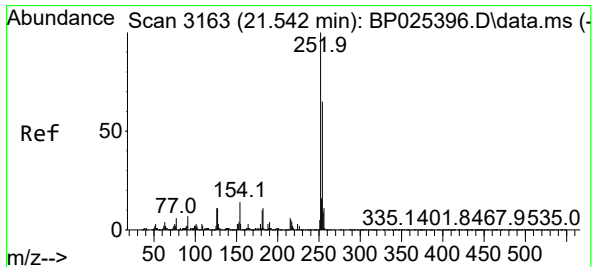
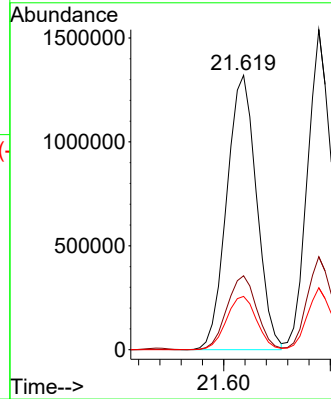
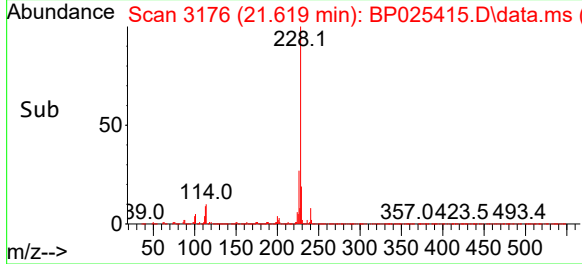
Instrument :
BNA_P
ClientSampleId :
88H-EMS



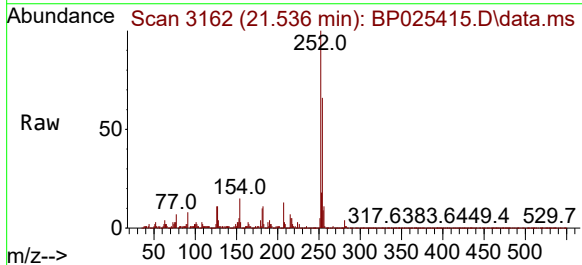
Tgt Ion:228 Resp: 256119
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.4 15.6 23.4

Manual Integrations
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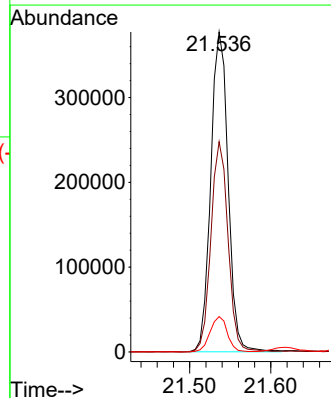
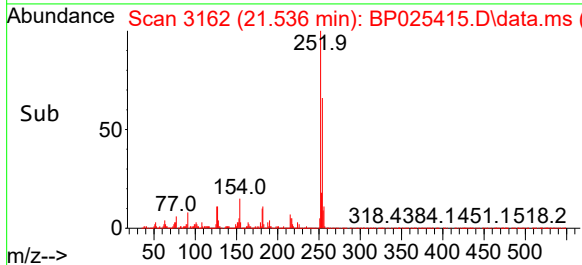
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

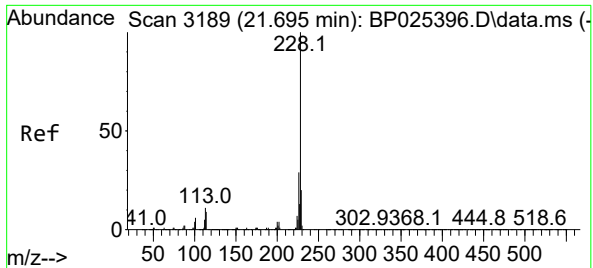


#82
3,3'-Dichlorobenzidine
Concen: 25.666 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



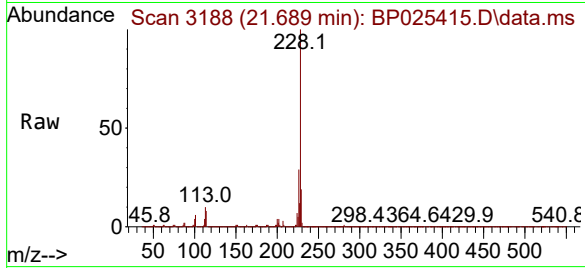
Tgt Ion:252 Resp: 558511
Ion Ratio Lower Upper
252 100
254 65.7 51.8 77.6
126 11.0 9.1 13.7





#83
Chrysene
Concen: 44.558 ng
RT: 21.689 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

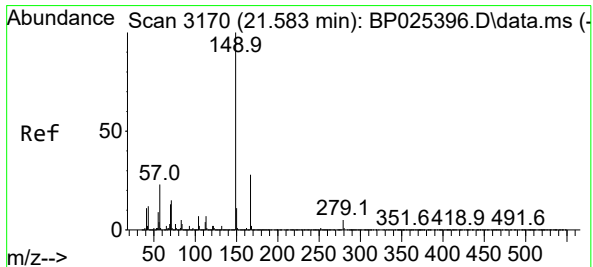
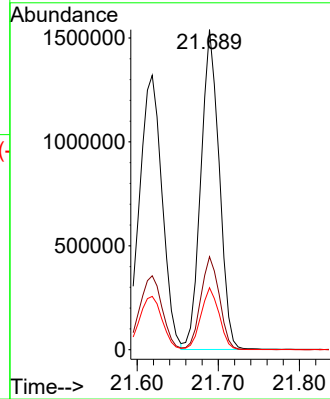
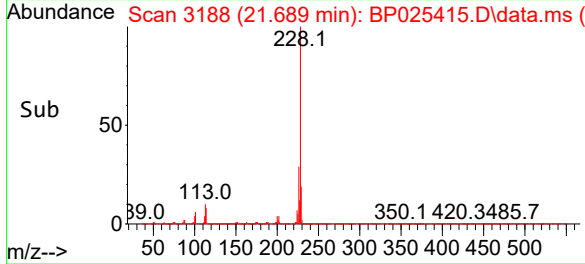
Instrument :
BNA_P
ClientSampleId :
88H-EMS



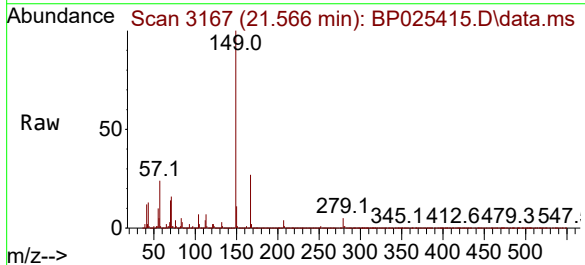
Tgt Ion:228 Resp: 240906
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 19.3 15.6 23.4

Manual Integrations
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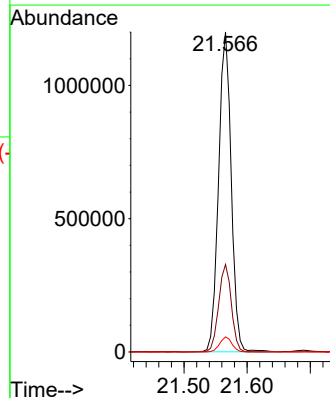
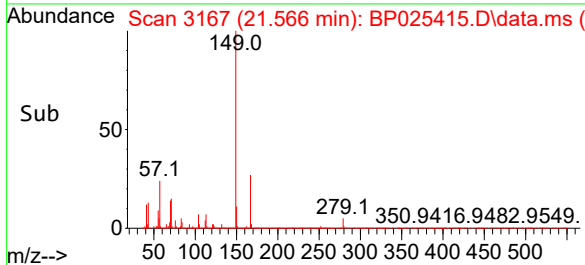
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

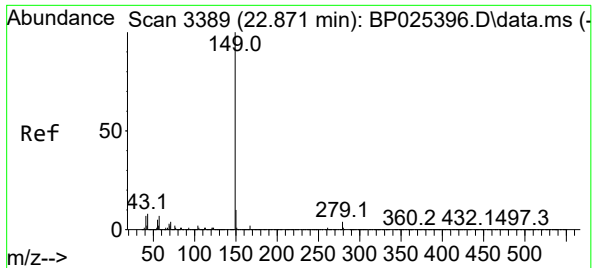


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.998 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.018 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



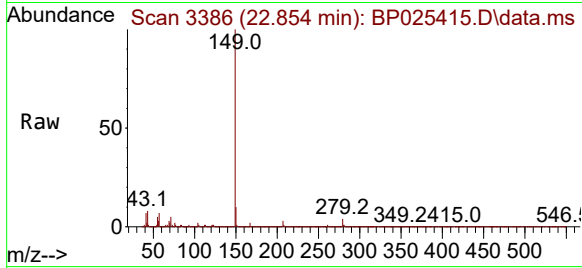
Tgt Ion:149 Resp: 1670118
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 45.135 ng
RT: 22.854 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

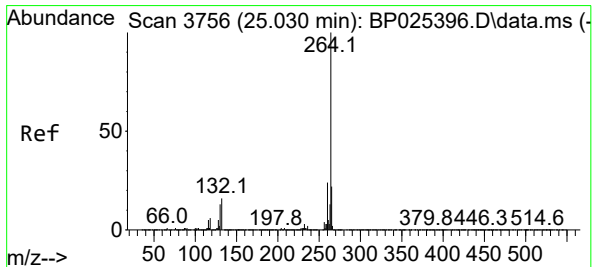
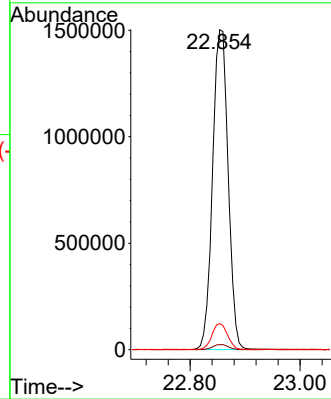
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion:149 Resp: 294689
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.3 9.5

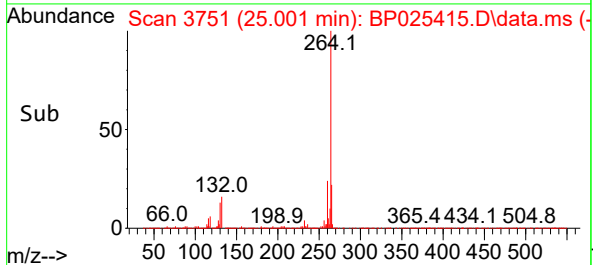
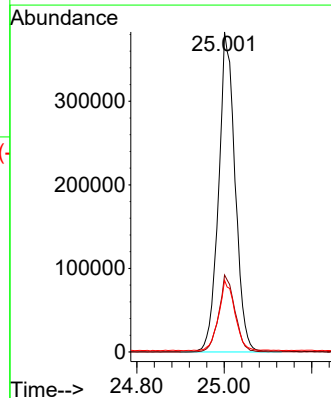
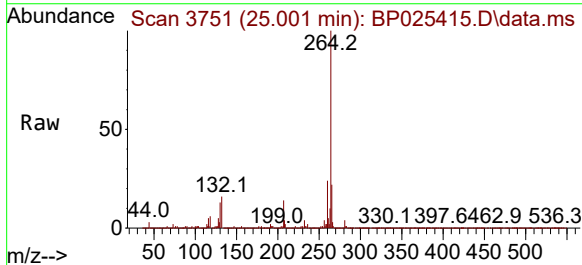
Manual Integrations
APPROVED

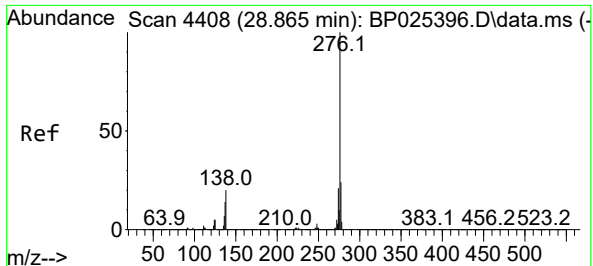
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

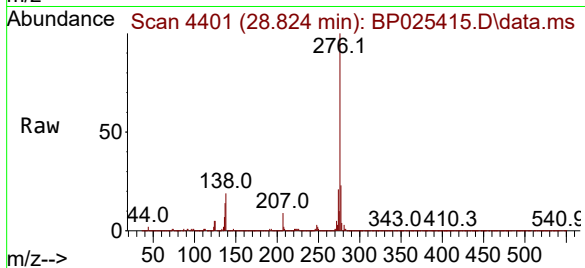
Tgt Ion:264 Resp: 1000604
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.721 ng m
RT: 28.824 min Scan# 4408
Delta R.T. -0.041 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

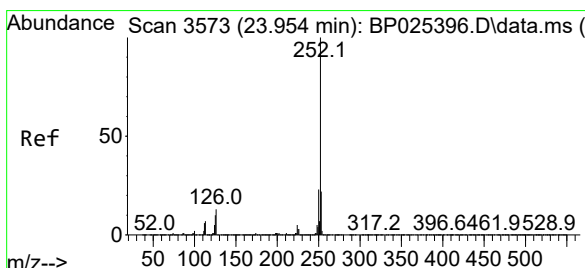
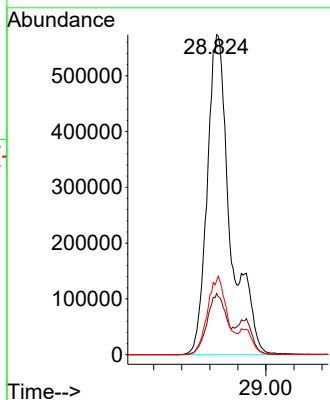
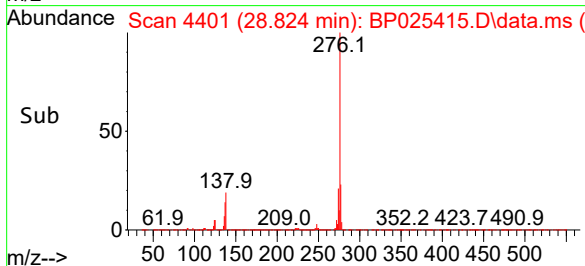
Instrument :
BNA_P
ClientSampleId :
88H-EMS



Tgt Ion: 276 Resp: 3281639
Ion Ratio Lower Upper
276 100
138 15.7 12.9 19.3
277 21.0 17.0 25.6

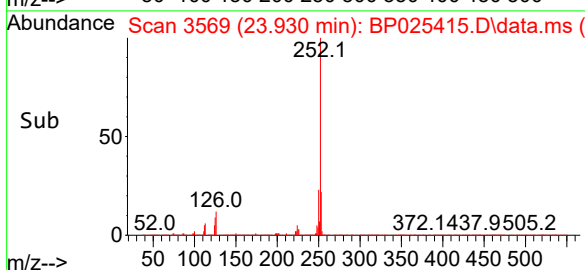
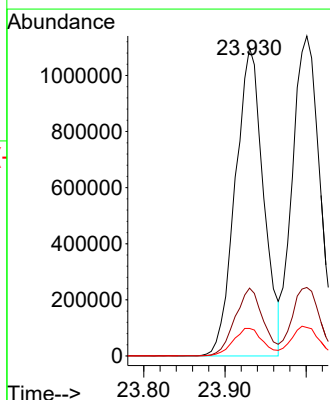
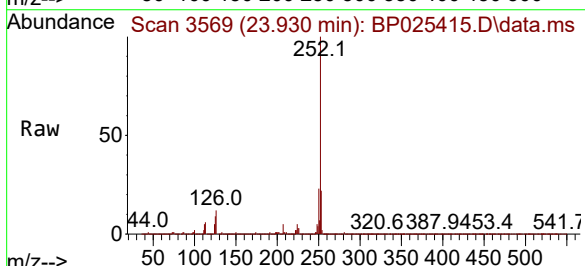
Manual Integrations
APPROVED

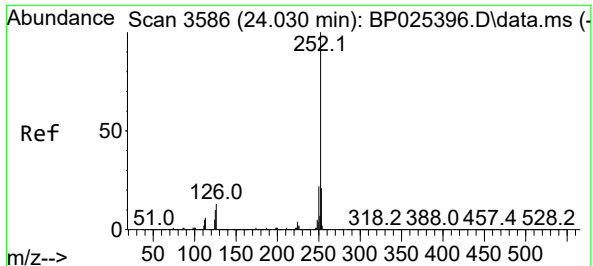
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 44.970 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.023 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

Tgt Ion: 252 Resp: 2653334
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.121 ng

RT: 24.001 min Scan# 3586

Delta R.T. -0.029 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA_P

ClientSampleId :

88H-EMS

Tgt Ion:252 Resp: 266405

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

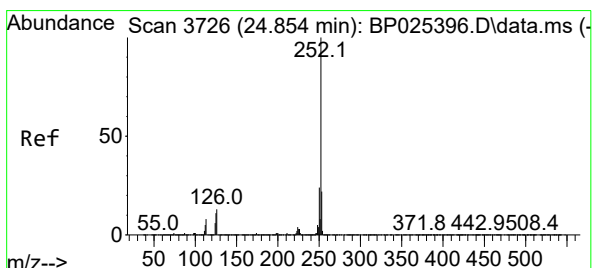
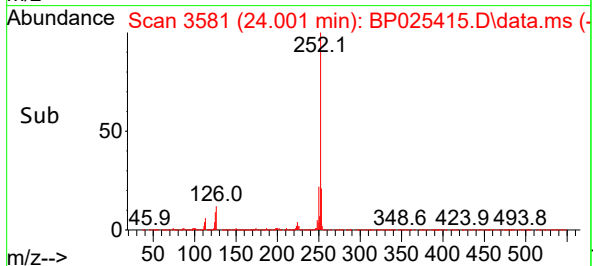
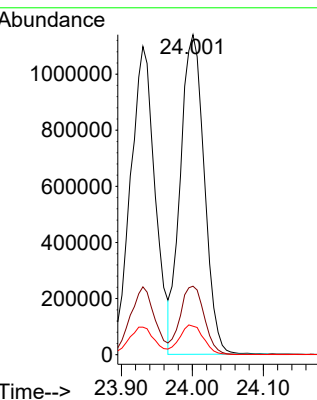
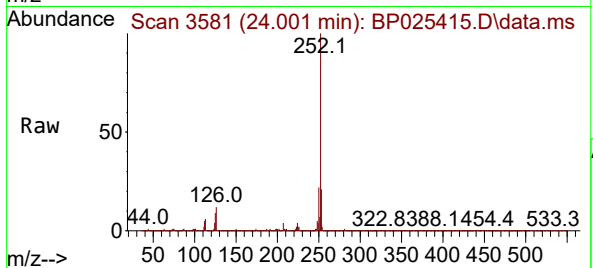
125 8.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 44.619 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.023 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

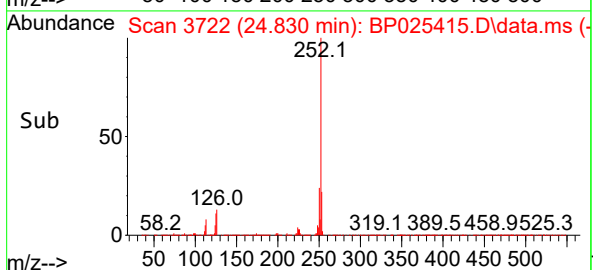
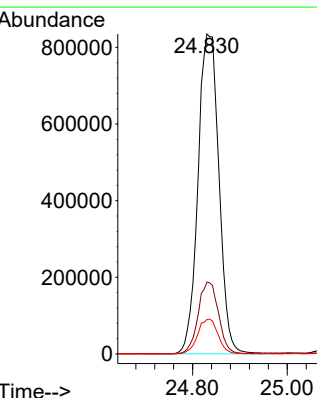
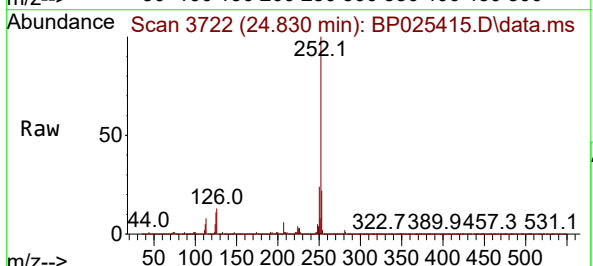
Tgt Ion:252 Resp: 2562652

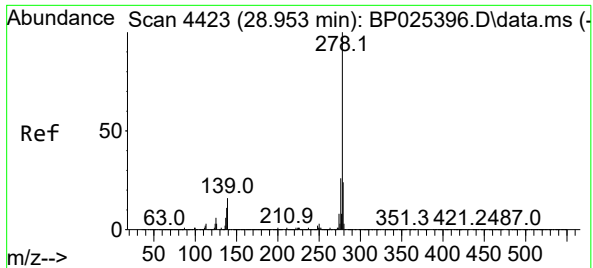
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

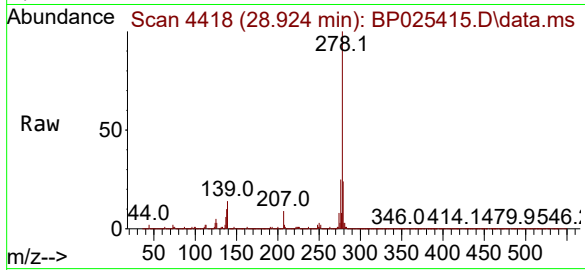
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 44.609 ng
RT: 28.924 min Scan# 4418
Delta R.T. -0.029 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48

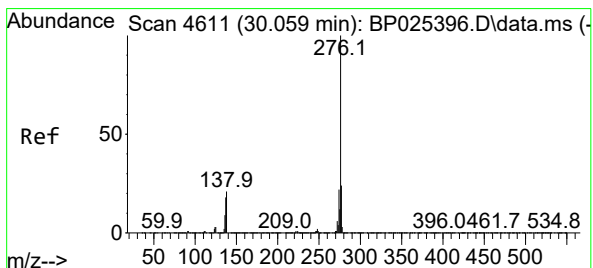
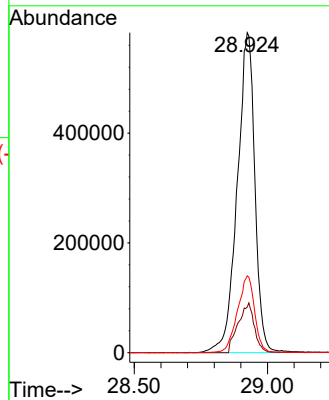
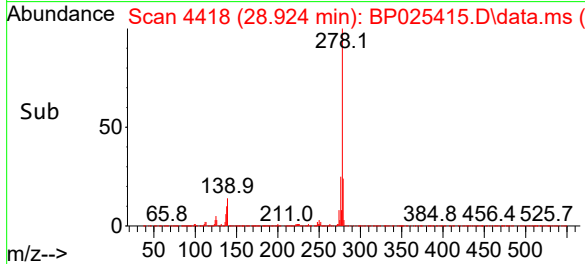
Instrument :
BNA_P
ClientSampleId :
88H-EMS



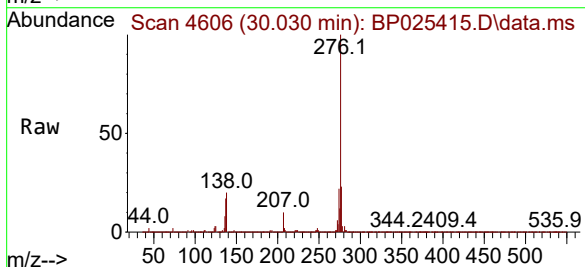
Tgt Ion: 278 Resp: 2675040
Ion Ratio Lower Upper
278 100
139 14.3 13.0 19.4
279 24.0 19.4 29.2

Manual Integrations
APPROVED

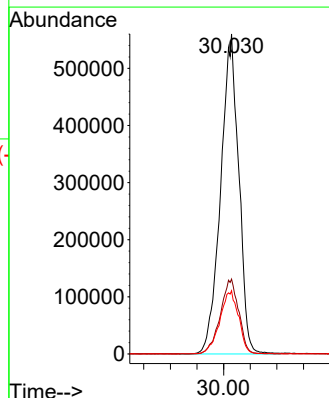
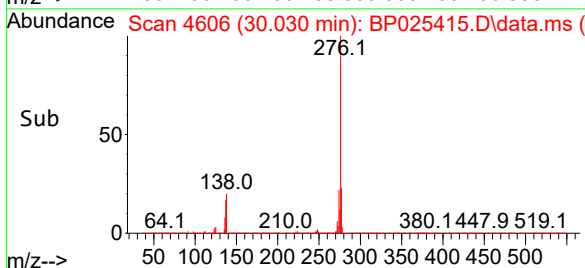
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 44.748 ng
RT: 30.030 min Scan# 4606
Delta R.T. -0.029 min
Lab File: BP025415.D
Acq: 15 Aug 2025 05:48



Tgt Ion: 276 Resp: 2637753
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 19.7 16.7 25.1



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMSD	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025416.D	1	08/13/25 09:05	08/15/25 06:29	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		190	400	ug/Kg
108-95-2	Phenol	1900		26.7	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		29.4	210	ug/Kg
95-57-8	2-Chlorophenol	1900		29.5	210	ug/Kg
95-48-7	2-Methylphenol	1900		36.1	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		45.3	210	ug/Kg
98-86-2	Acetophenone	1800		35.7	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		49.7	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		57.3	96.7	ug/Kg
67-72-1	Hexachloroethane	1700		21.3	210	ug/Kg
98-95-3	Nitrobenzene	1800		22.1	210	ug/Kg
78-59-1	Isophorone	1800		39.6	210	ug/Kg
88-75-5	2-Nitrophenol	1900		70.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		78.3	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		37.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		34.2	210	ug/Kg
91-20-3	Naphthalene	1800		27.4	210	ug/Kg
106-47-8	4-Chloroaniline	1000		42.8	210	ug/Kg
87-68-3	Hexachlorobutadiene	1800		30.6	210	ug/Kg
105-60-2	Caprolactam	1900		63.0	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		34.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	1800		30.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		23.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		35.2	210	ug/Kg
92-52-4	1,1-Biphenyl	1800		26.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	1800		27.2	210	ug/Kg
88-74-4	2-Nitroaniline	2000		58.1	210	ug/Kg
131-11-3	Dimethylphthalate	1800		32.8	210	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMSD	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025416.D	1	08/13/25 09:05	08/15/25 06:29	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		34.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		40.6	210	ug/Kg
99-09-2	3-Nitroaniline	1300		55.6	210	ug/Kg
83-32-9	Acenaphthene	1800		25.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	280	400	ug/Kg
100-02-7	4-Nitrophenol	4000	E	130	400	ug/Kg
132-64-9	Dibenzofuran	1800		27.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		60.6	210	ug/Kg
84-66-2	Diethylphthalate	1800		34.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		32.3	210	ug/Kg
86-73-7	Fluorene	1800		30.6	210	ug/Kg
100-01-6	4-Nitroaniline	1800		77.6	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		39.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		33.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1800		30.6	210	ug/Kg
1912-24-9	Atrazine	1900		41.1	210	ug/Kg
87-86-5	Pentachlorophenol	4000	E	62.0	400	ug/Kg
85-01-8	Phenanthrene	1800		25.3	210	ug/Kg
120-12-7	Anthracene	1800		40.2	210	ug/Kg
86-74-8	Carbazole	1900		37.7	210	ug/Kg
84-74-2	Di-n-butylphthalate	1900		57.9	210	ug/Kg
206-44-0	Fluoranthene	1900		36.3	210	ug/Kg
129-00-0	Pyrene	1800		43.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	1900		86.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		44.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.8	210	ug/Kg
218-01-9	Chrysene	1900		24.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		71.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		23.0	210	ug/Kg

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/08/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/08/25
Client Sample ID:	88H-EMSD	SDG No.:	Q2832
Lab Sample ID:	Q2820-17MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025416.D	1	08/13/25 09:05	08/15/25 06:29	PB169228

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1900		27.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		35.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		33.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		30.9	210	ug/Kg
123-91-1	1,4-Dioxane	1500		54.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		33.1	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.1		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	89.6		30 (15) - 130 (107)	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.5		30 (18) - 130 (107)	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.8		30 (20) - 130 (109)	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.7		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	48.8		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	152000	7.795			
1146-65-2	Naphthalene-d8	612000	10.56			
15067-26-2	Acenaphthene-d10	408000	14.407			
1517-22-2	Phenanthrene-d10	838000	17.201			
1719-03-5	Chrysene-d12	922000	21.648			
1520-96-3	Perylene-d12	1090000	25.024			

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_P\Data\BP081425\
 Data File : BP025416.D
 Acq On : 15 Aug 2025 06:29
 Operator : CG/JU
 Sample : Q2820-17MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:09:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	152229	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	611748	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	408254	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	837667	20.000	ng	0.00
76) Chrysene-d12	21.648	240	921761	20.000	ng	0.00
86) Perylene-d12	25.024	264	1086411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	807645	88.108	ng	0.00
7) Phenol-d6	6.966	99	1053520	89.644	ng	0.00
23) Nitrobenzene-d5	8.931	82	659161	54.506	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	493086	89.731	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1517679	50.806	ng	0.00
79) Terphenyl-d14	19.912	244	2460926	48.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	133387	37.150	ng	98
3) Pyridine	3.731	79	373071	37.962	ng	98
4) n-Nitrosodimethylamine	3.637	42	180846	44.636	ng	97
6) Aniline	7.125	93	562721	35.538	ng	99
8) 2-Chlorophenol	7.366	128	489929	47.363	ng	99
9) Benzaldehyde	6.937	77	223121	27.098	ng	100
10) Phenol	6.995	94	592156	48.018	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	412250	42.890	ng	99
12) 1,3-Dichlorobenzene	7.684	146	492466	43.176	ng	99
13) 1,4-Dichlorobenzene	7.825	146	503812	43.215	ng	99
14) 1,2-Dichlorobenzene	8.142	146	489651	43.388	ng	99
15) Benzyl Alcohol	8.025	79	431125	46.169	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.307	45	548076	42.566	ng	98
17) 2-Methylphenol	8.225	107	403259	47.084	ng	99
18) Hexachloroethane	8.860	117	184490	43.040	ng	97
19) n-Nitroso-di-n-propyla...	8.583	70	329547	42.334	ng	99
20) 3+4-Methylphenols	8.548	107	552270	46.519	ng	96
22) Acetophenone	8.601	105	691731	45.089	ng	# 99
24) Nitrobenzene	8.966	77	492167	45.537	ng	99
25) Isophorone	9.495	82	936982	43.780	ng	98
26) 2-Nitrophenol	9.672	139	261087	47.070	ng	97
27) 2,4-Dimethylphenol	9.736	122	464398	48.685	ng	100
28) bis(2-Chloroethoxy)met...	9.966	93	571301	44.160	ng	99
29) 2,4-Dichlorophenol	10.207	162	463126	48.875	ng	97
30) 1,2,4-Trichlorobenzene	10.419	180	465232	44.788	ng	97
31) Naphthalene	10.613	128	1414587	44.490	ng	100
32) Benzoic acid	9.878	122	351527	49.917	ng	99
33) 4-Chloroaniline	10.707	127	356528	25.385	ng	99
34) Hexachlorobutadiene	10.901	225	286611	44.305	ng	97
35) Caprolactam	11.501	113	165259m	47.563	ng	
36) 4-Chloro-3-methylphenol	11.836	107	529393	48.688	ng	96
37) 2-Methylnaphthalene	12.213	142	931832	45.034	ng	98
38) 1-Methylnaphthalene	12.436	142	968839	44.028	ng	99
40) 1,2,4,5-Tetrachloroben...	12.583	216	528206	44.798	ng	98
41) Hexachlorocyclopentadiene	12.566	237	642432	90.202	ng	99
43) 2,4,6-Trichlorophenol	12.824	196	385328	48.407	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025416.D
 Acq On : 15 Aug 2025 06:29
 Operator : CG/JU
 Sample : Q2820-17MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-EMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:09:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	422320	48.409	ng	98
46) 1,1'-Biphenyl	13.230	154	1333915	44.989	ng	98
47) 2-Chloronaphthalene	13.266	162	1048414	45.421	ng	99
48) 2-Nitroaniline	13.466	65	327216	48.653	ng	97
49) Acenaphthylene	14.124	152	1741031	45.584	ng	100
50) Dimethylphthalate	13.854	163	1353224	45.264	ng	99
51) 2,6-Dinitrotoluene	13.966	165	297925	47.281	ng	99
52) Acenaphthene	14.477	154	990506	44.181	ng	99
53) 3-Nitroaniline	14.295	138	220431	31.093	ng	97
54) 2,4-Dinitrophenol	14.513	184	345806	102.765	ng	99
55) Dibenzofuran	14.813	168	1593114	44.946	ng	98
56) 4-Nitrophenol	14.618	139	576733	98.999	ng	98
57) 2,4-Dinitrotoluene	14.771	165	438365	48.760	ng	100
58) Fluorene	15.465	166	1236469	44.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	374896	48.668	ng	99
60) Diethylphthalate	15.242	149	1388142	45.696	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	620466	44.606	ng	99
62) 4-Nitroaniline	15.477	138	329615	45.352	ng	95
63) Azobenzene	15.754	77	1306069	50.212	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	246584	47.224	ng	95
66) n-Nitrosodiphenylamine	15.671	169	1133759	44.385	ng	100
67) 4-Bromophenyl-phenylether	16.371	248	412290	44.752	ng	98
68) Hexachlorobenzene	16.489	284	482237	45.155	ng	98
69) Atrazine	16.648	200	444039	46.417	ng	99
70) Pentachlorophenol	16.848	266	677601	100.512	ng	96
71) Phenanthrene	17.248	178	2085270	45.316	ng	99
72) Anthracene	17.330	178	2098232	44.651	ng	99
73) Carbazole	17.612	167	2047401	46.257	ng	99
74) Di-n-butylphthalate	18.212	149	2532382	46.503	ng	100
75) Fluoranthene	19.330	202	2558146	46.606	ng	99
77) Benzidine	19.512	184	1446263	45.975	ng	100
78) Pyrene	19.706	202	2628017	43.865	ng	99
80) Butylbenzylphthalate	20.653	149	1280380	47.155	ng	97
81) Benzo(a)anthracene	21.624	228	2800265	46.064	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	640279	27.944	ng	99
83) Chrysene	21.695	228	2634967	46.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.565	149	1870070	46.787	ng	99
85) Di-n-octyl phthalate	22.853	149	3288310	47.830	ng	100
87) Indeno(1,2,3-cd)pyrene	28.835	276	3666491m	46.019	ng	
88) Benzo(b)fluoranthene	23.930	252	2936896	45.844	ng	100
89) Benzo(k)fluoranthene	24.012	252	2954085	46.081	ng	98
90) Benzo(a)pyrene	24.853	252	2891770	46.372	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2997319	46.035	ng	99
92) Benzo(g,h,i)perylene	30.024	276	2926520	45.726	ng	98

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

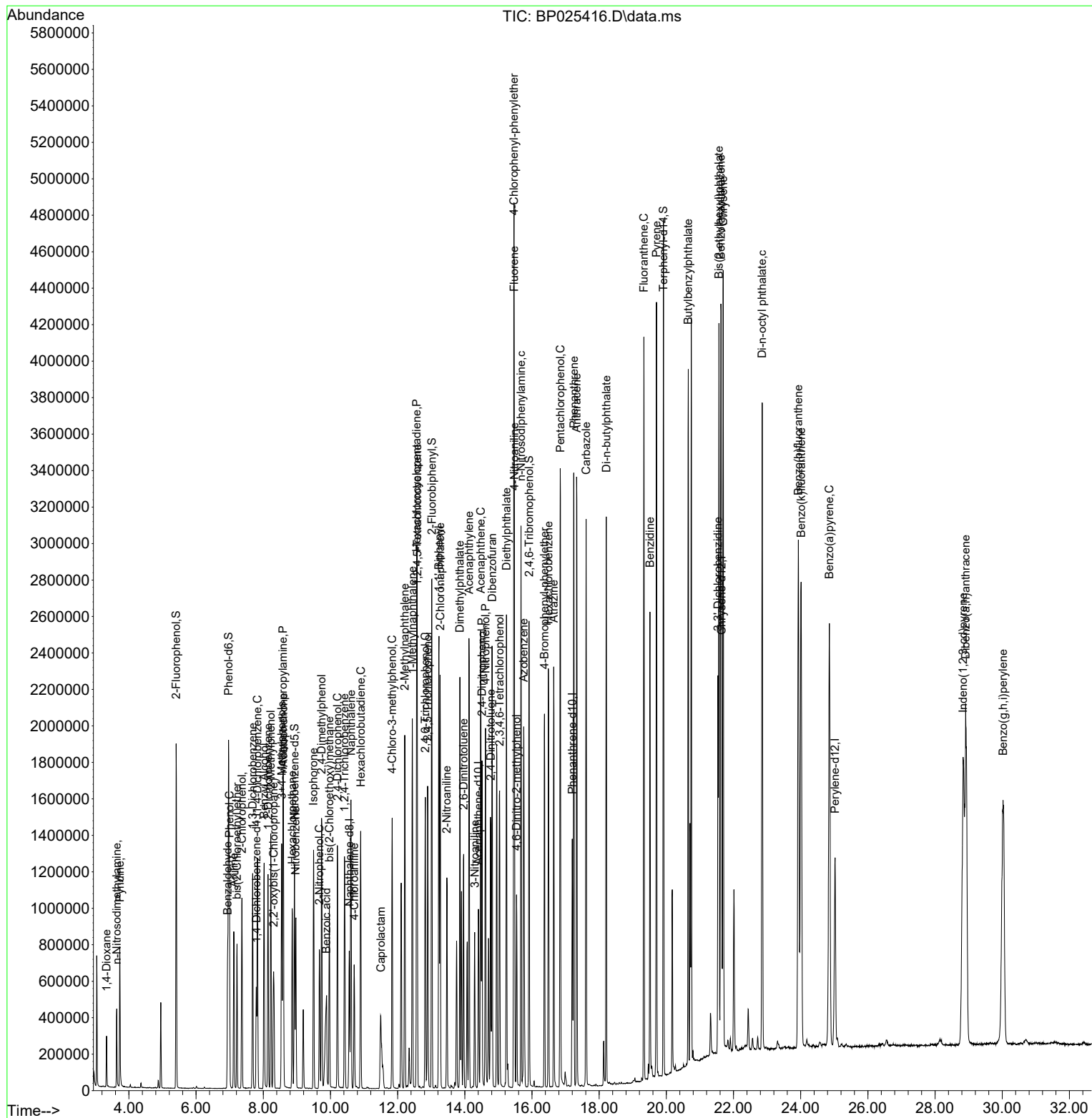
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Data File : BP025416.D
Acq On : 15 Aug 2025 06:29
Operator : CG/JU
Sample : Q2820-17MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

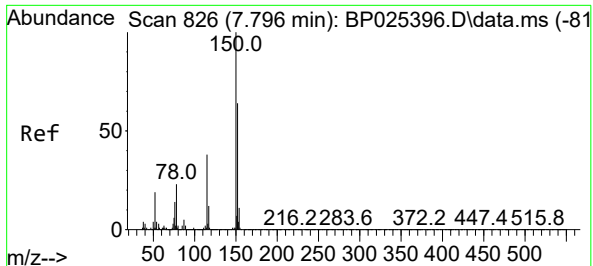
Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Manual Integrations

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

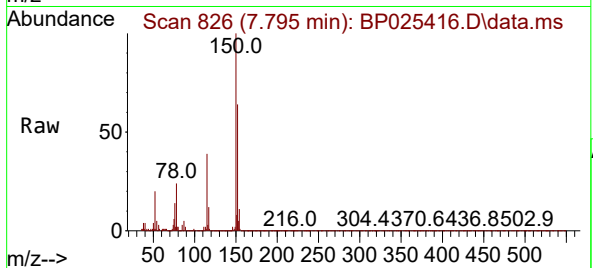
Quant Time: Aug 15 08:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.795 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

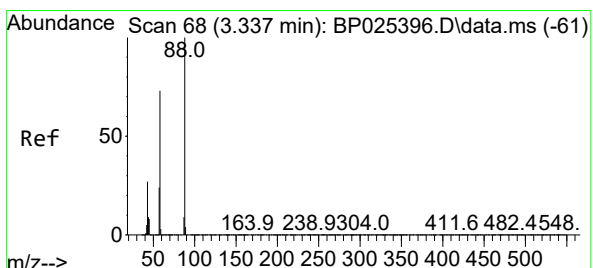
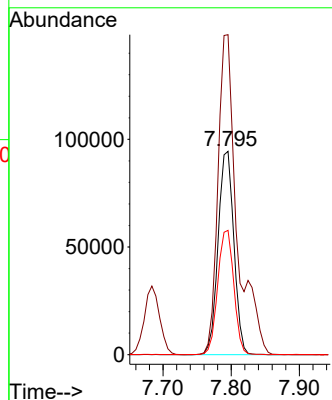
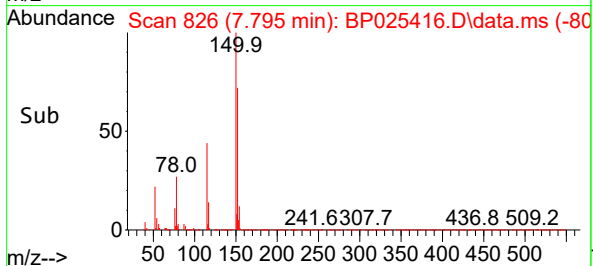
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BNA_P
ClientSampleId :
88H-EMSD



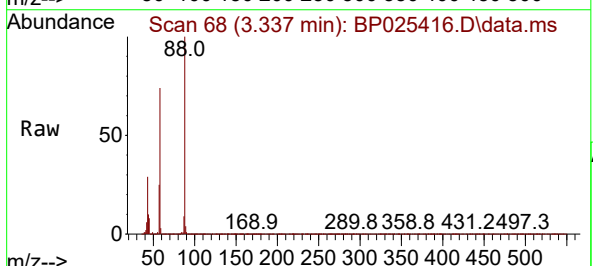
Tgt Ion: 152 Resp: 152229
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 61.1 48.5 72.7

Manual Integrations
APPROVED

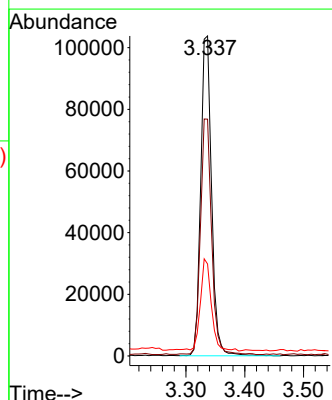
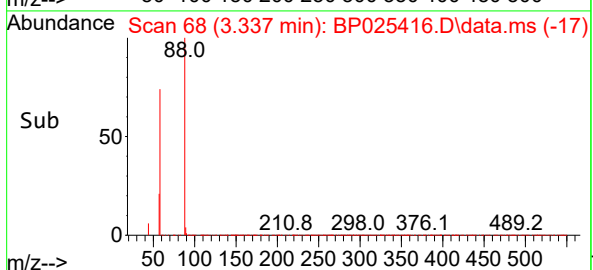
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

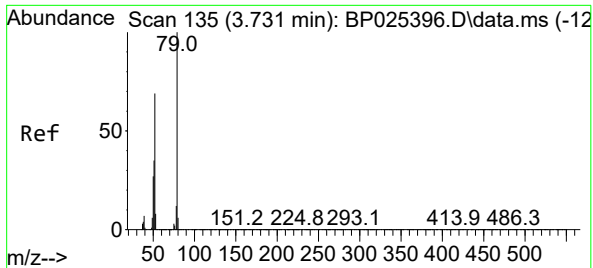


#2
1,4-Dioxane
Concen: 37.150 ng
RT: 3.337 min Scan# 68
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



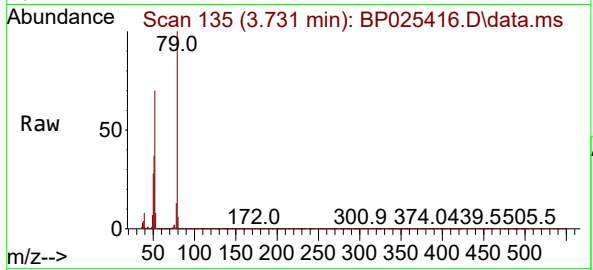
Tgt Ion: 88 Resp: 133387
Ion Ratio Lower Upper
88 100
58 75.4 59.2 88.8
43 28.9 21.7 32.5





#3
Pyridine
Concen: 37.962 ng
RT: 3.731 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

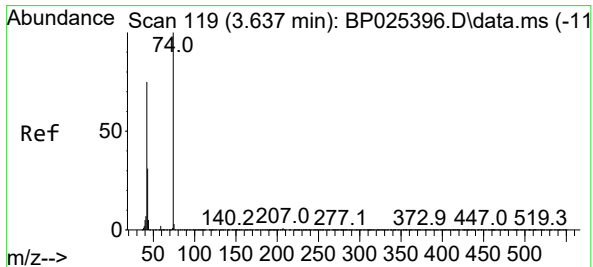
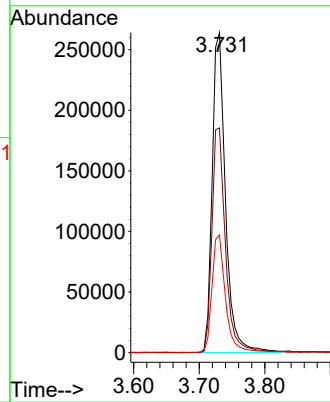
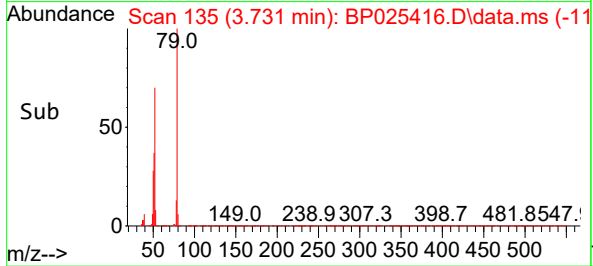
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



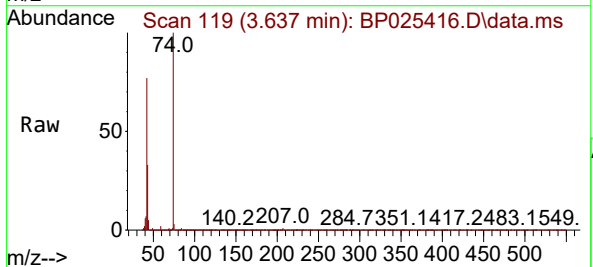
Tgt Ion: 79 Resp: 37307
Ion Ratio Lower Upper
79 100
52 70.3 55.5 83.3
51 36.8 28.3 42.5

Manual Integrations
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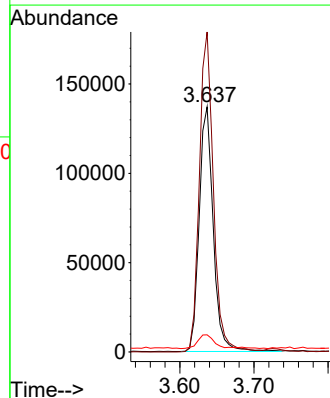
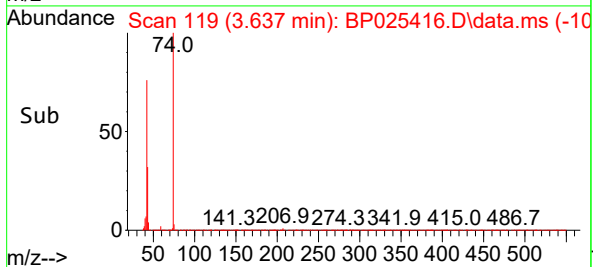
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

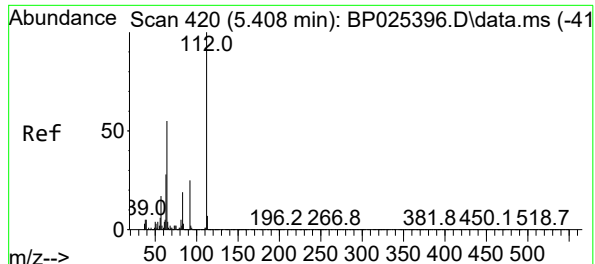


#4
n-Nitrosodimethylamine
Concen: 44.636 ng
RT: 3.637 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



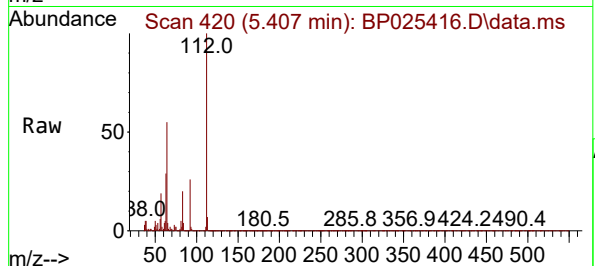
Tgt Ion: 42 Resp: 180846
Ion Ratio Lower Upper
42 100
74 130.6 107.0 160.4
44 7.0 6.2 9.4





#5
2-Fluorophenol
Concen: 88.108 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

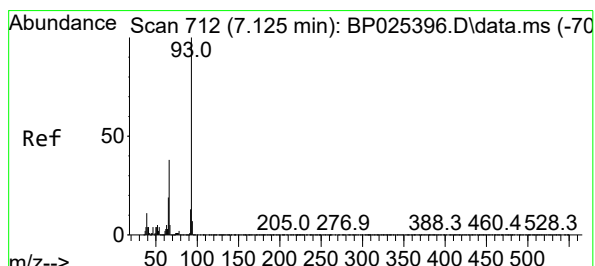
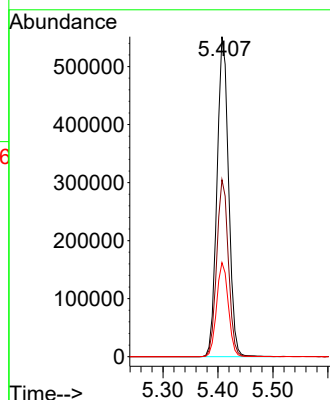
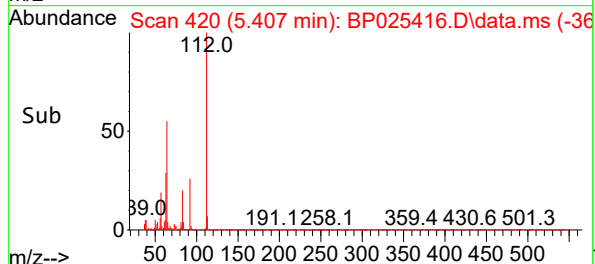
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



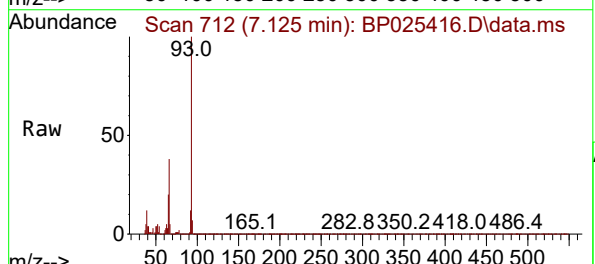
Tgt Ion: 112 Resp: 80764
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.8
63 29.4 22.7 34.1

Manual Integrations
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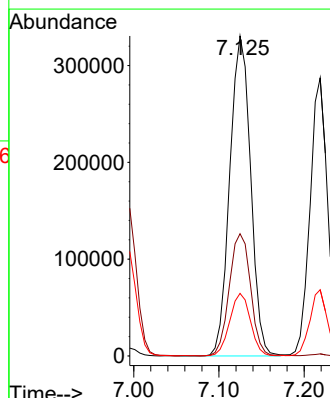
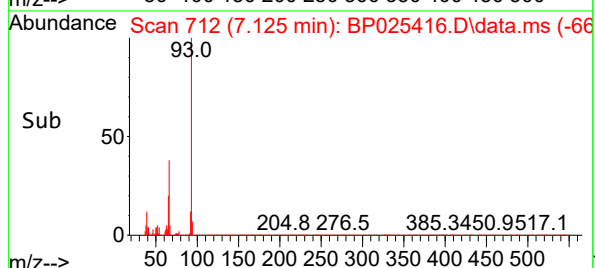
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

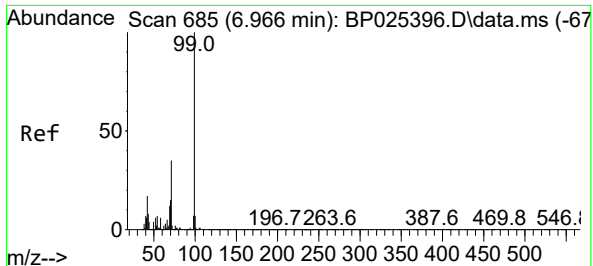


#6
Aniline
Concen: 35.538 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



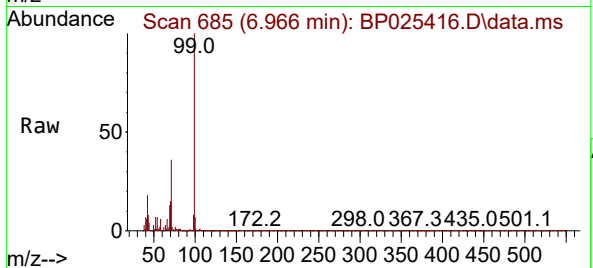
Tgt Ion: 93 Resp: 562721
Ion Ratio Lower Upper
93 100
66 38.2 30.4 45.6
65 19.5 15.3 22.9





#7
Phenol-d6
Concen: 89.644 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

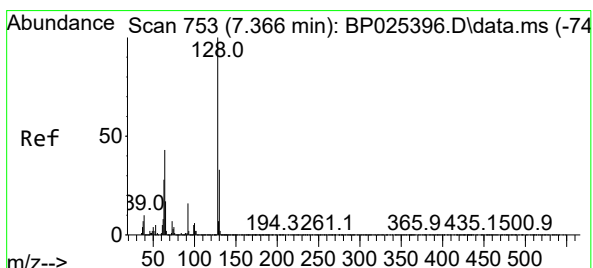
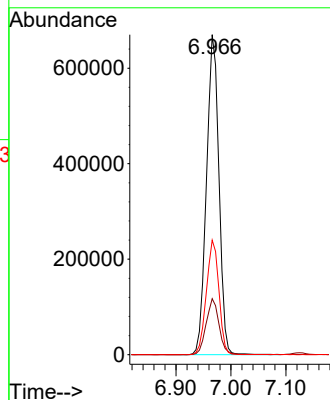
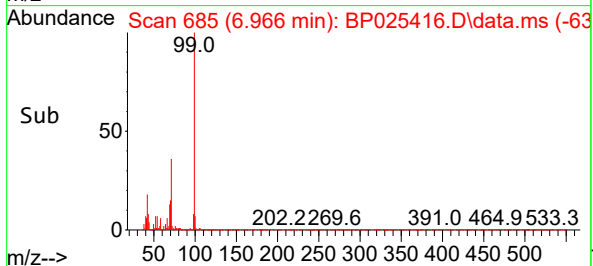
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



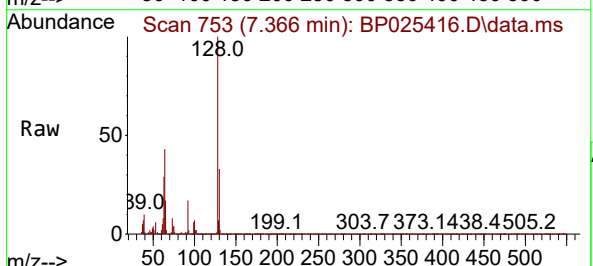
Tgt Ion: 99 Resp: 1053520
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.8 28.2 42.4

Manual Integrations
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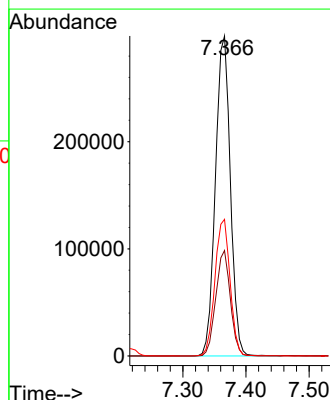
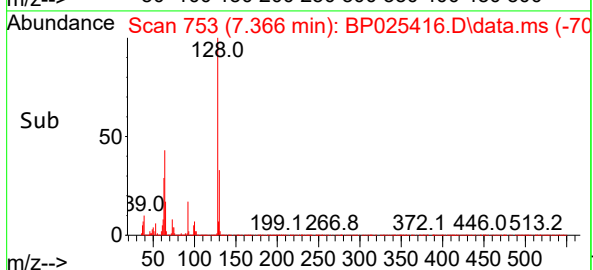
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

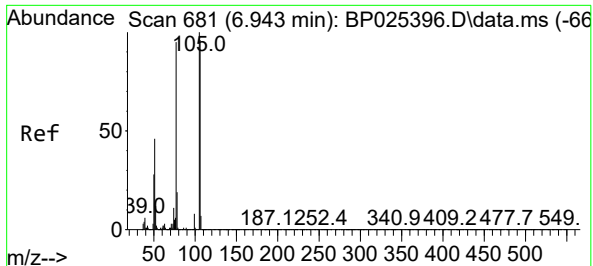


#8
2-Chlorophenol
Concen: 47.363 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



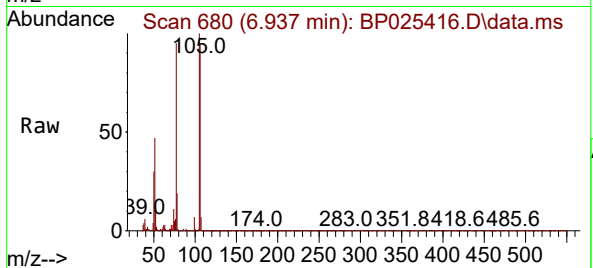
Tgt Ion:128 Resp: 489929
Ion Ratio Lower Upper
128 100
130 33.0 12.6 52.6
64 42.7 23.4 63.4





#9
Benzaldehyde
Concen: 27.098 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

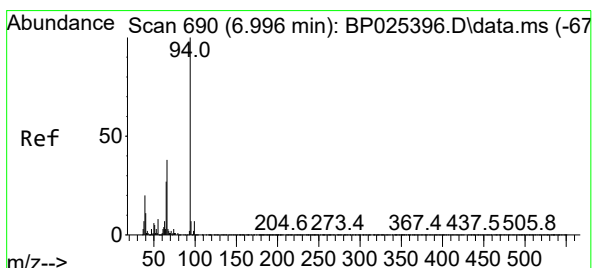
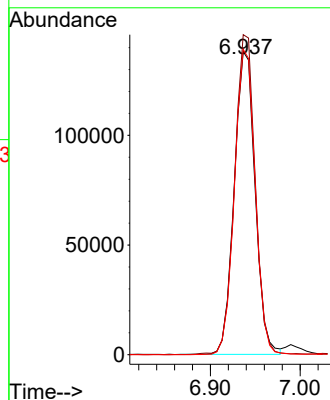
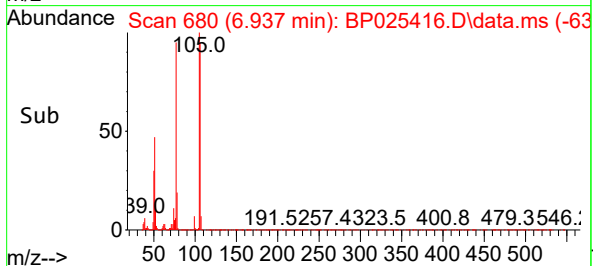
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion: 77 Resp: 22312
Ion Ratio Lower Upper
77 100
105 105.6 84.8 124.8
106 100.7 80.5 120.5

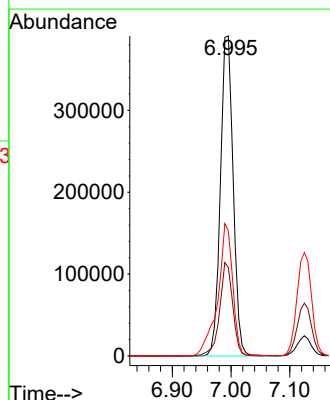
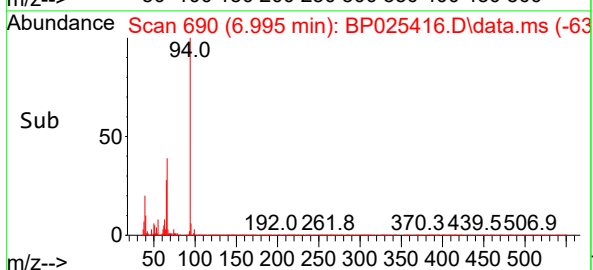
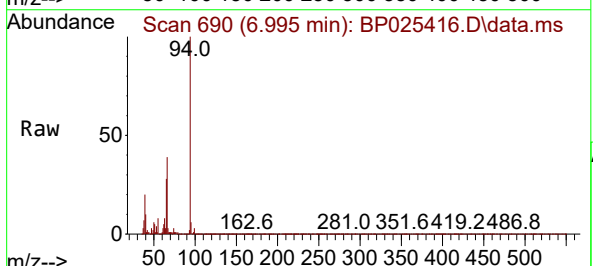
Manual Integrations
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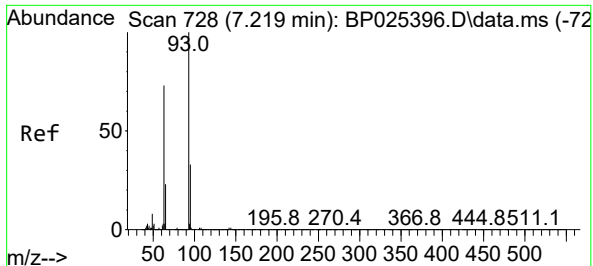
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 48.018 ng
RT: 6.995 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion: 94 Resp: 592156
Ion Ratio Lower Upper
94 100
65 27.7 6.8 46.8
66 39.1 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 42.890 ng

RT: 7.219 min Scan# 728

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion: 93 Resp: 412250

Ion Ratio Lower Upper

93 100

63 73.7 52.6 92.6

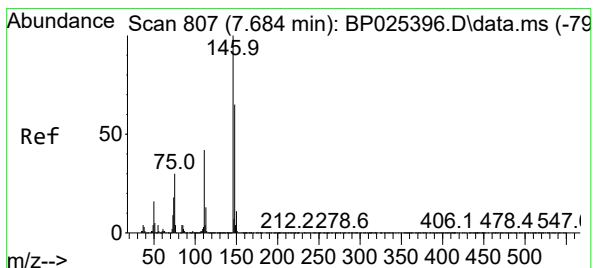
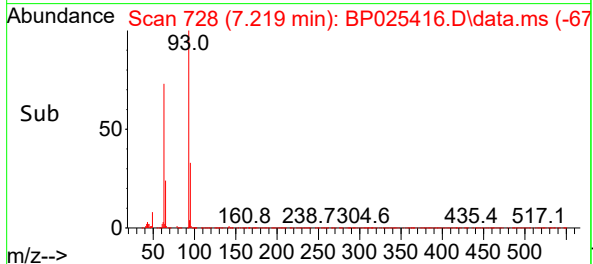
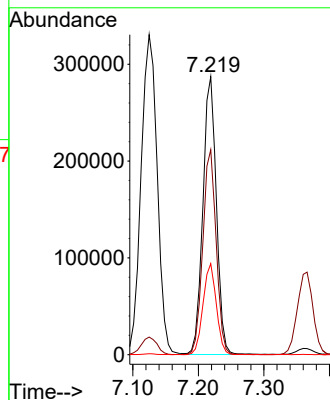
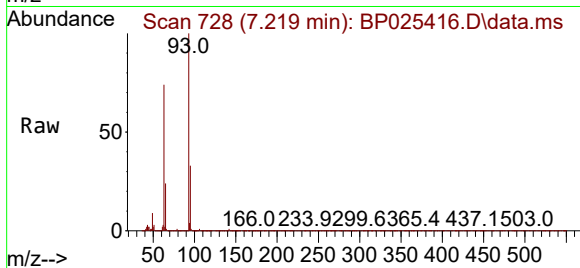
95 32.7 12.7 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 43.176 ng

RT: 7.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

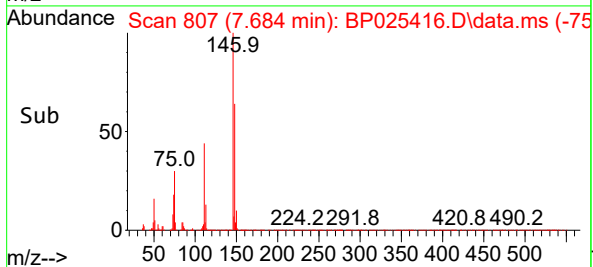
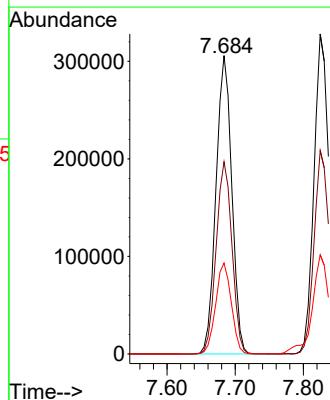
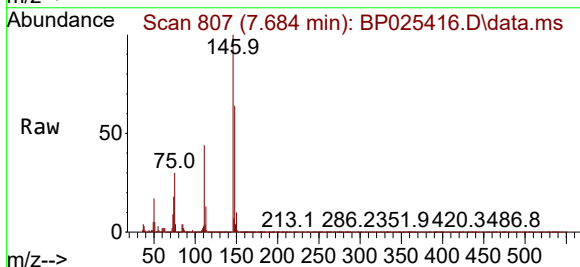
Tgt Ion:146 Resp: 492466

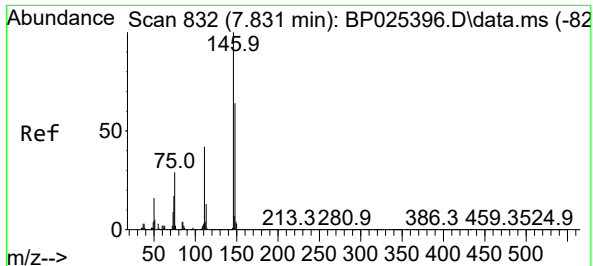
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 30.4 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 43.215 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:146 Resp: 50381

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

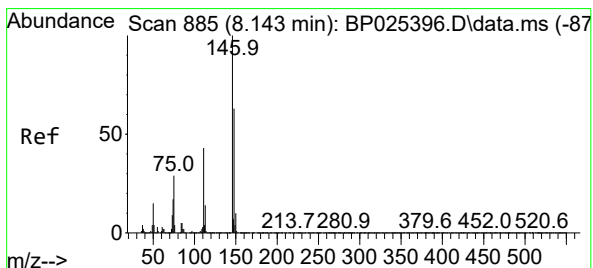
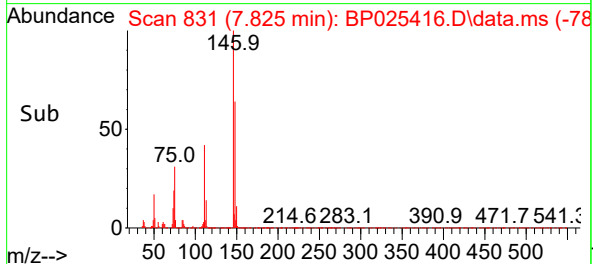
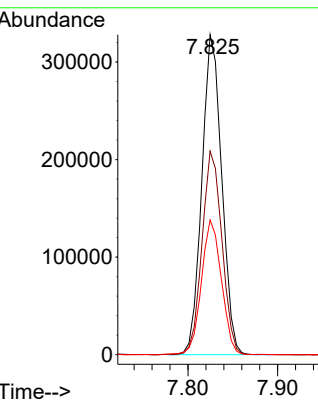
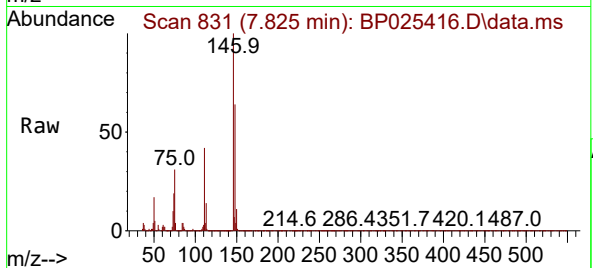
111 42.1 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 43.388 ng

RT: 8.142 min Scan# 885

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

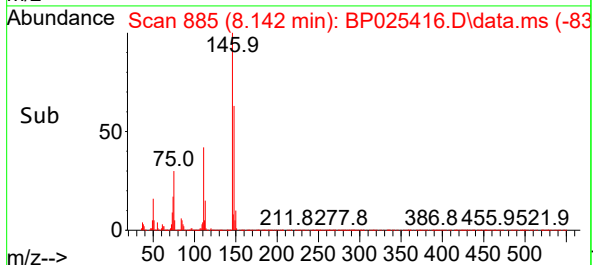
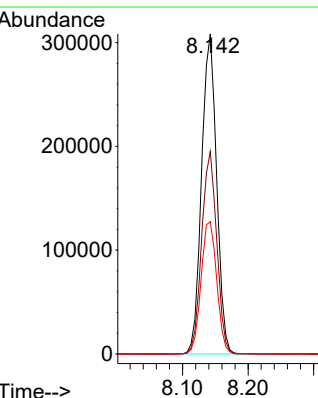
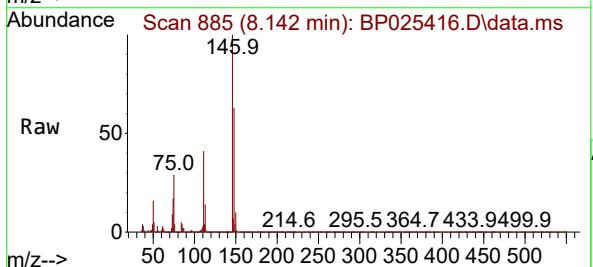
Tgt Ion:146 Resp: 489651

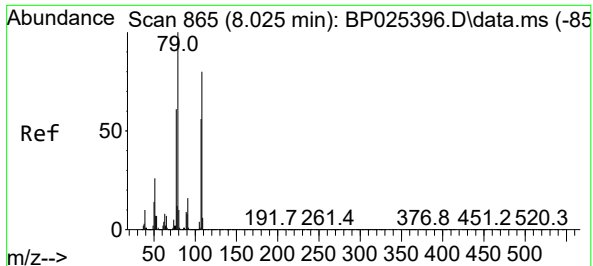
Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 41.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 46.169 ng

RT: 8.025 min Scan# 80

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion: 79 Resp: 43112

Ion Ratio Lower Upper

79 100

108 76.2 63.8 95.6

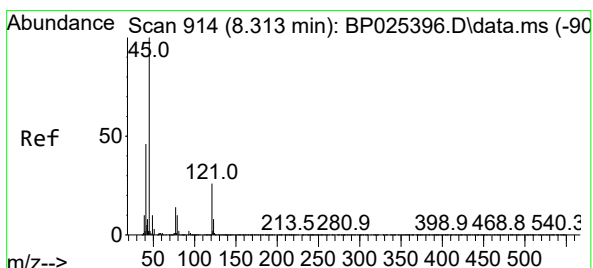
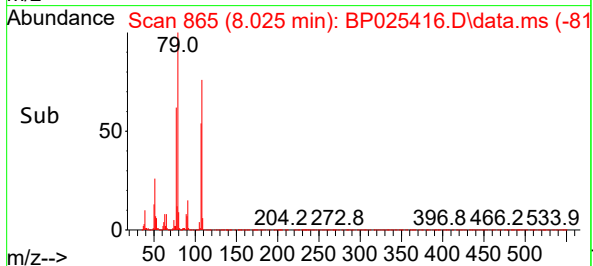
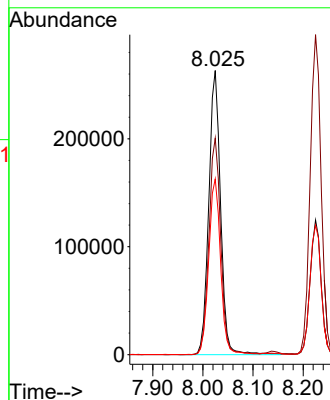
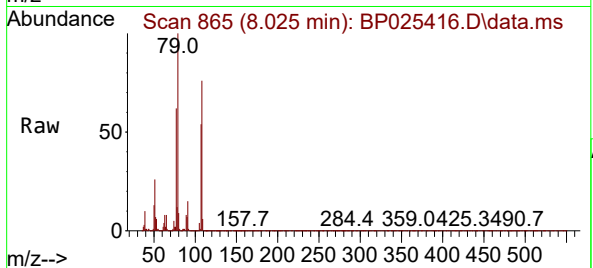
77 61.9 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.566 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

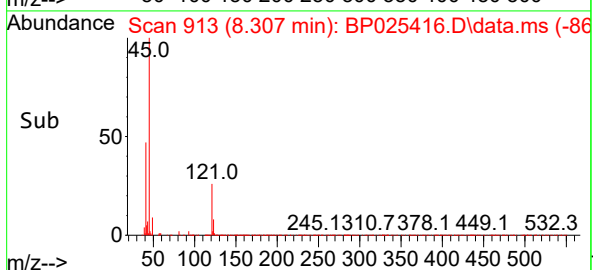
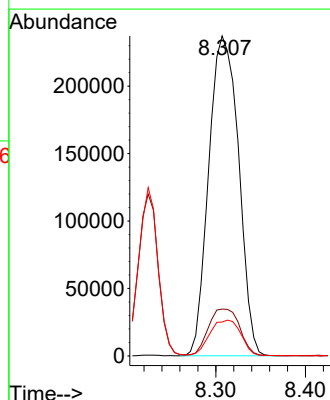
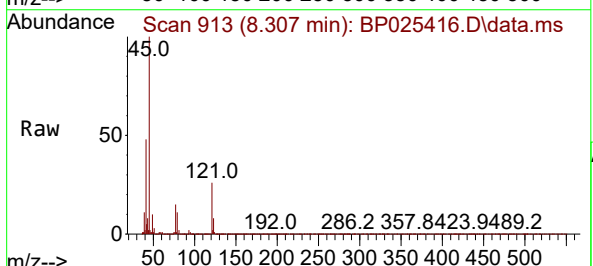
Tgt Ion: 45 Resp: 548076

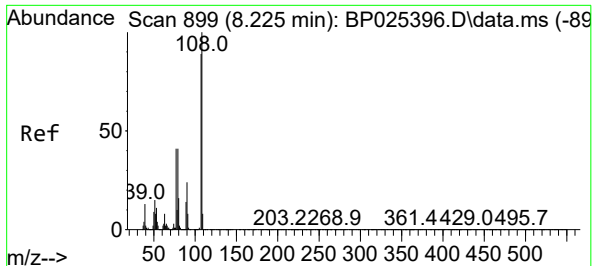
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.3

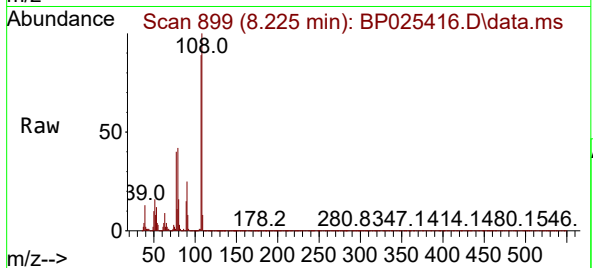
79 10.6 0.0 31.8





#17
2-Methylphenol
Concen: 47.084 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

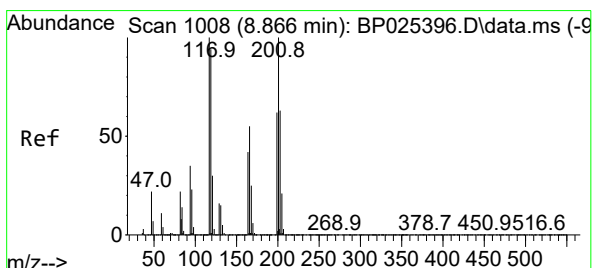
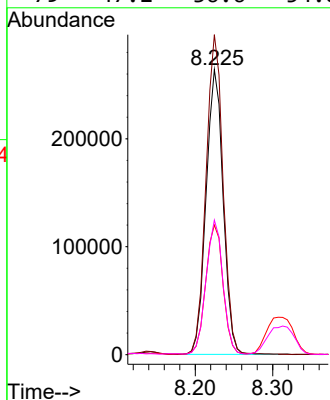
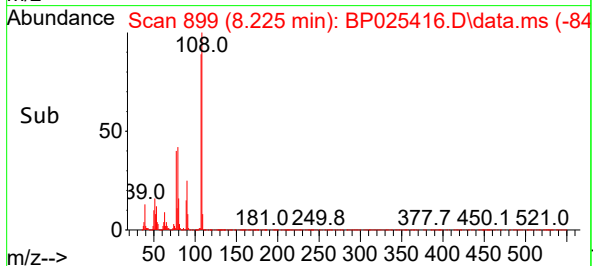
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



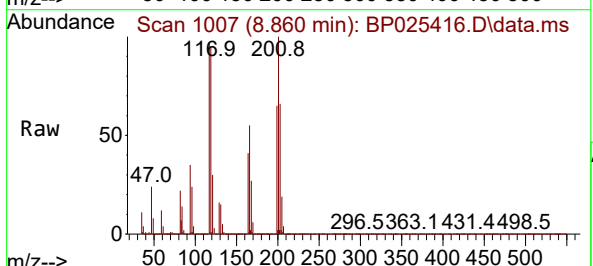
Tgt Ion:107 Resp: 403259
Ion Ratio Lower Upper
107 100
108 112.2 89.4 134.0
77 45.4 36.3 54.5
79 47.2 36.6 54.8

Manual Integrations
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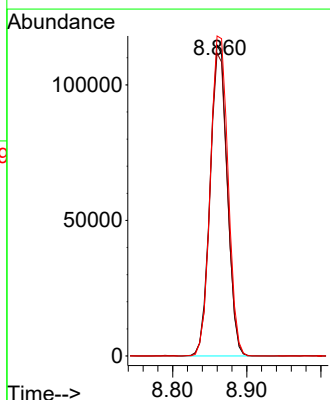
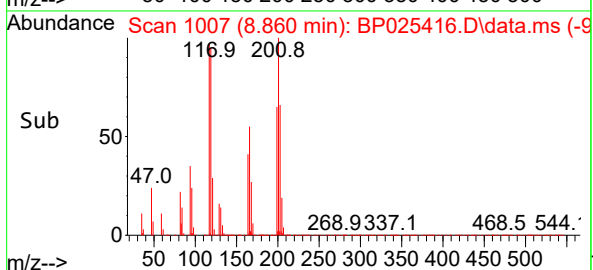
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

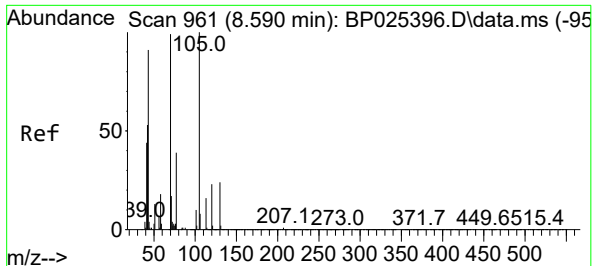


#18
Hexachloroethane
Concen: 43.040 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:117 Resp: 184490
Ion Ratio Lower Upper
117 100
119 97.5 75.1 112.7
201 103.0 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 42.334 ng

RT: 8.583 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion: 70 Resp: 32954

Ion Ratio Lower Upper

70 100

42 55.3 43.8 65.6

101 10.9 8.5 12.7

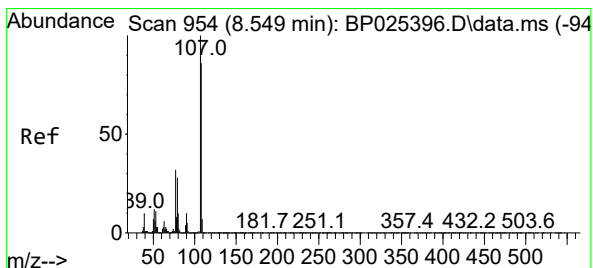
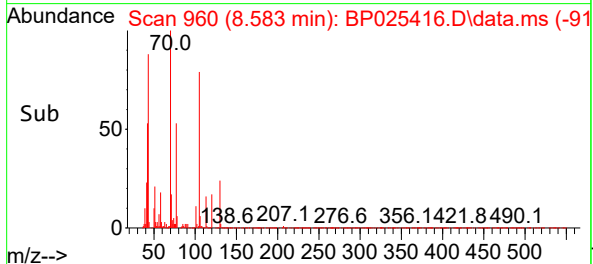
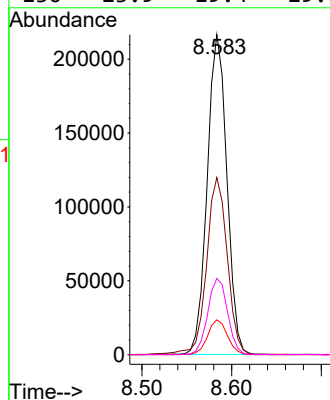
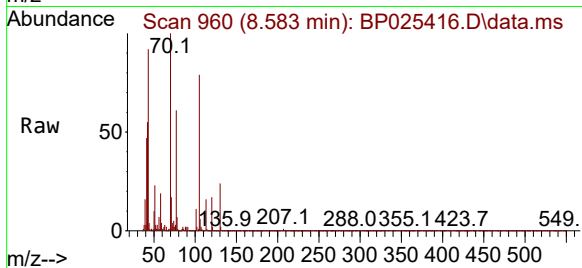
130 23.9 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 46.519 ng

RT: 8.548 min Scan# 954

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Tgt Ion:107 Resp: 552270

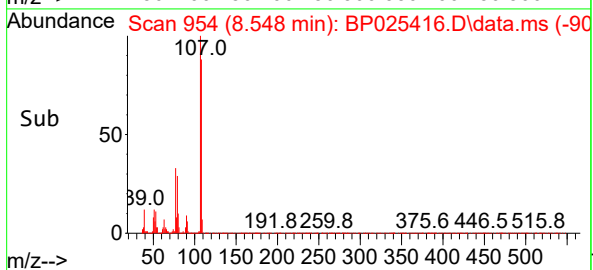
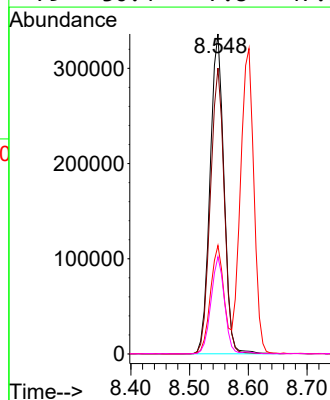
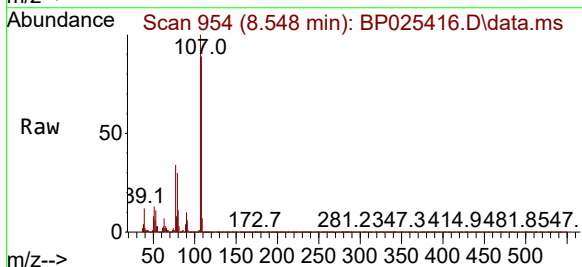
Ion Ratio Lower Upper

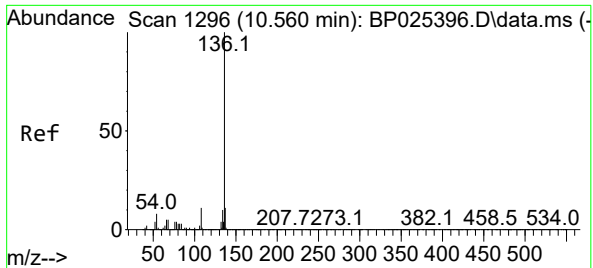
107 100

108 89.3 66.3 106.3

77 33.9 12.3 52.3

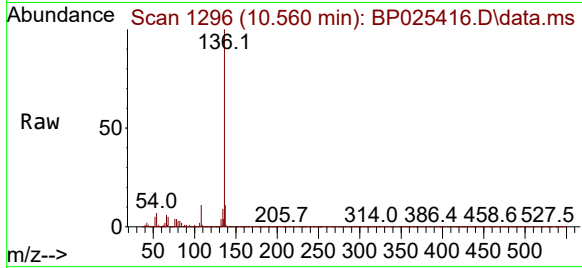
79 30.4 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

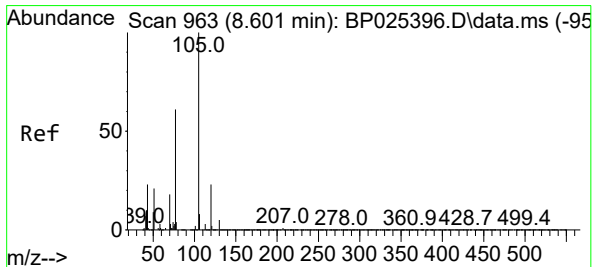
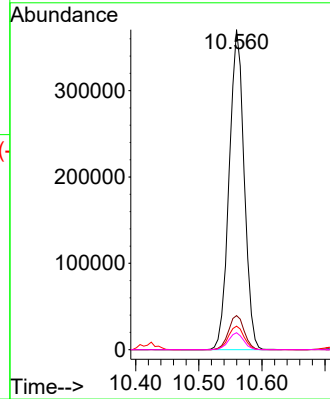
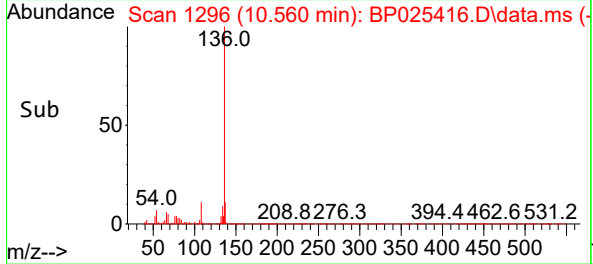
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:136 Resp: 611744
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.4 6.0 9.0
68 5.3 4.3 6.5

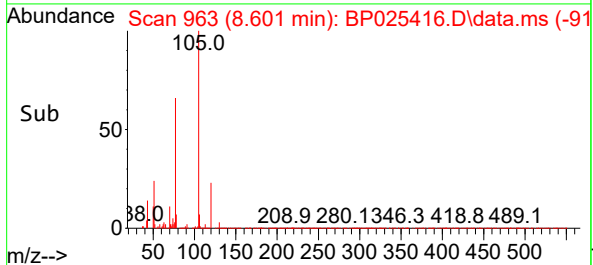
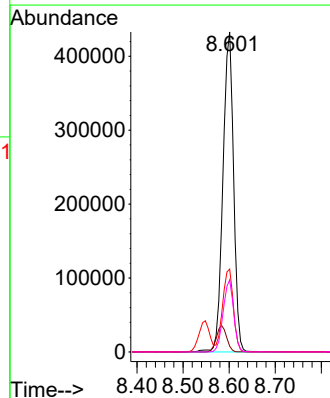
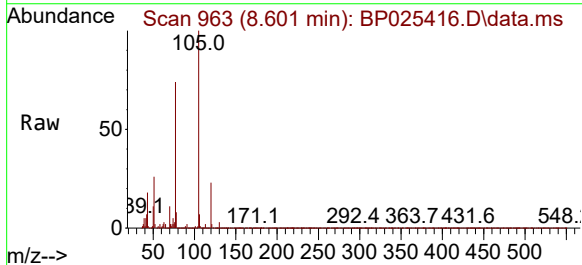
Manual Integrations
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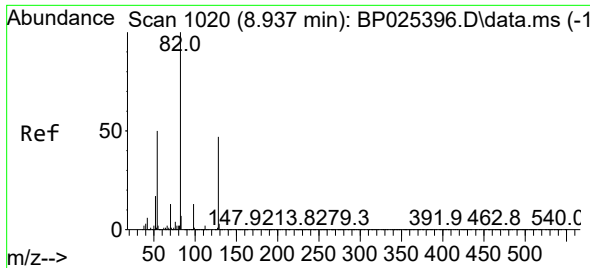
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 45.089 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:105 Resp: 691731
Ion Ratio Lower Upper
105 100
71 1.8 2.6 4.0#
51 25.9 20.6 30.8
120 22.5 18.6 27.8





#23

Nitrobenzene-d5

Concen: 54.506 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025416.D

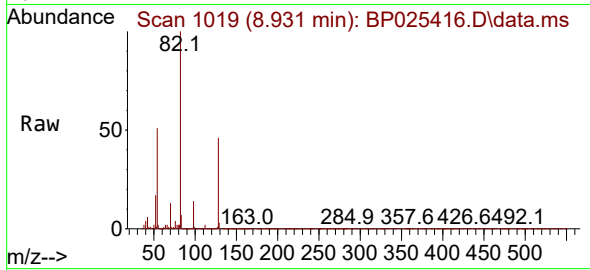
Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD



Tgt Ion: 82 Resp: 65916

Ion Ratio Lower Upper

82 100

128 46.4 37.7 56.5

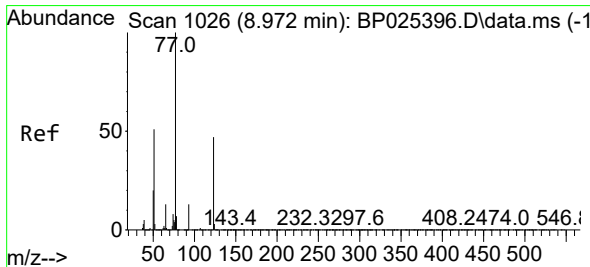
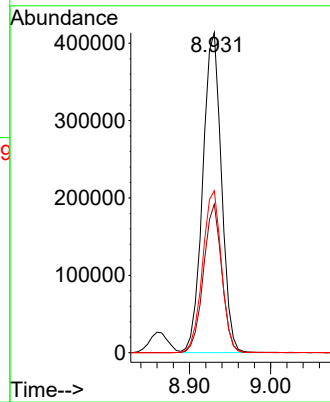
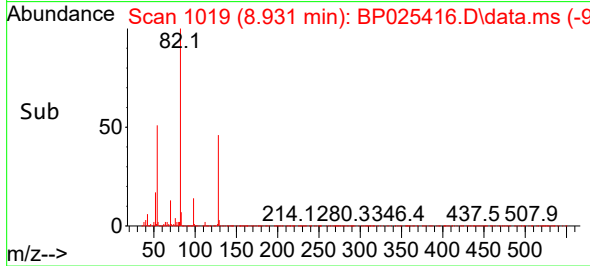
54 50.6 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 45.537 ng

RT: 8.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

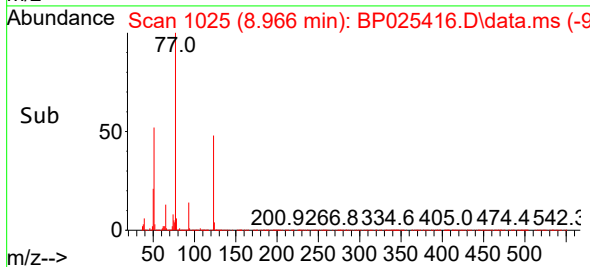
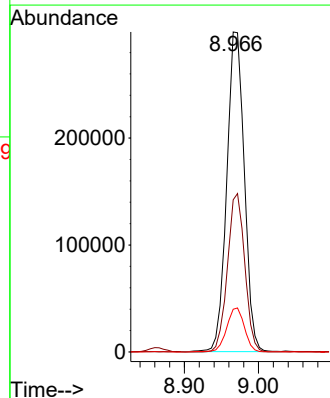
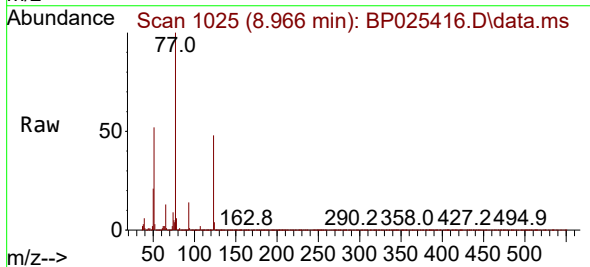
Tgt Ion: 77 Resp: 492167

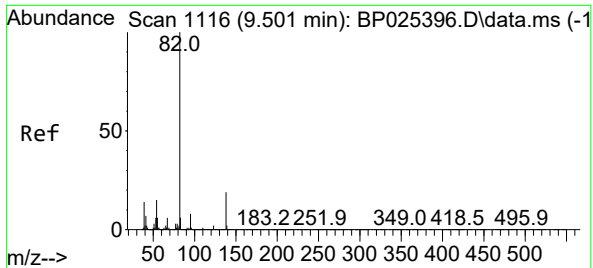
Ion Ratio Lower Upper

77 100

123 47.5 38.6 58.0

65 13.4 10.6 15.8





#25

Isophorone

Concen: 43.780 ng

RT: 9.495 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion: 82 Resp: 93698

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

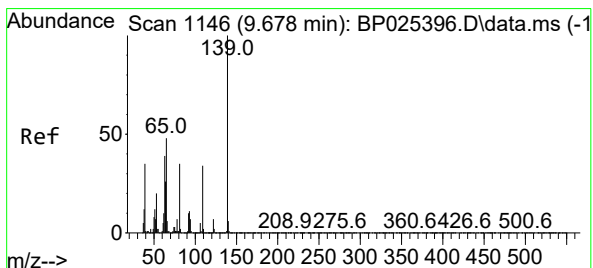
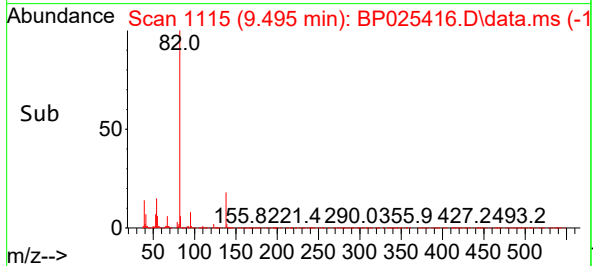
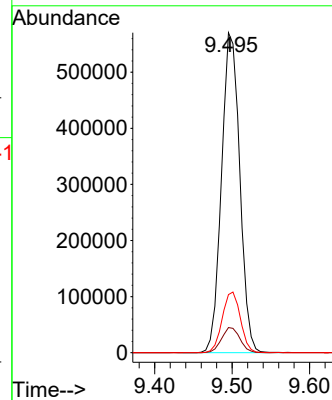
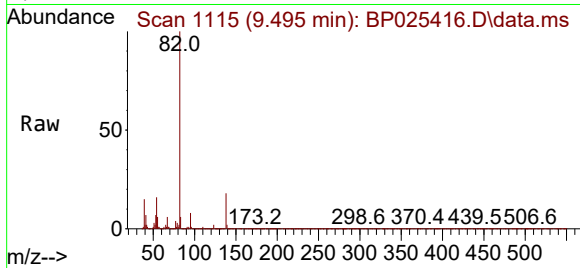
138 18.1 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 47.070 ng

RT: 9.672 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

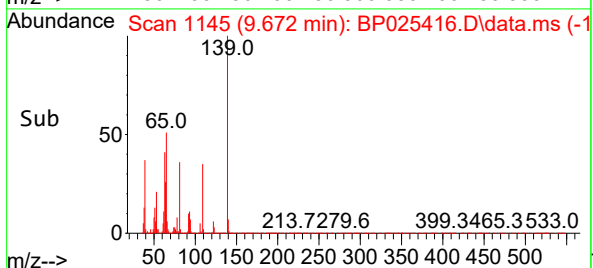
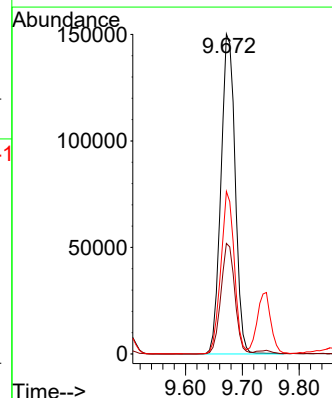
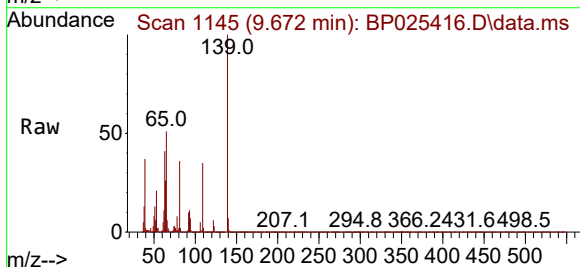
Tgt Ion:139 Resp: 261087

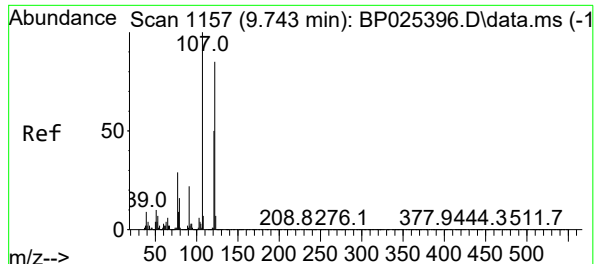
Ion Ratio Lower Upper

139 100

109 34.5 26.9 40.3

65 50.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 48.685 ng

RT: 9.736 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:122 Resp: 464398

Ion Ratio Lower Upper

122 100

107 117.6 93.7 140.5

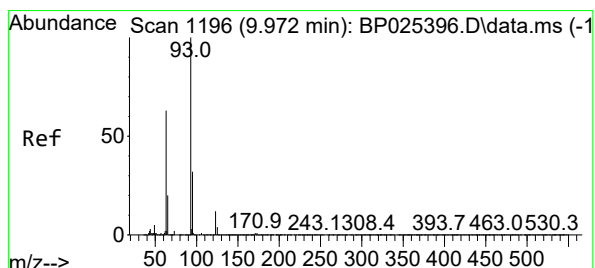
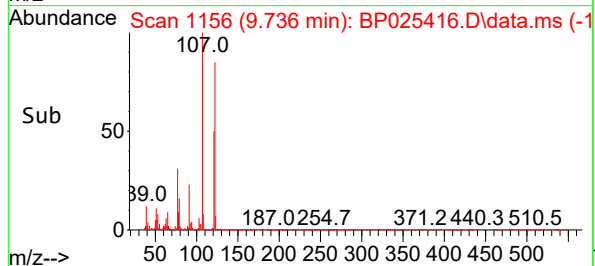
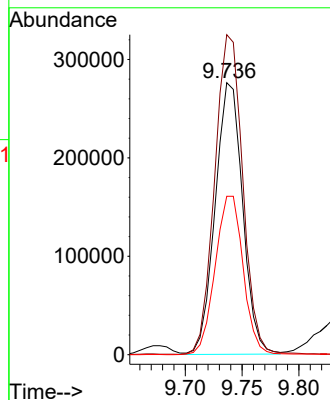
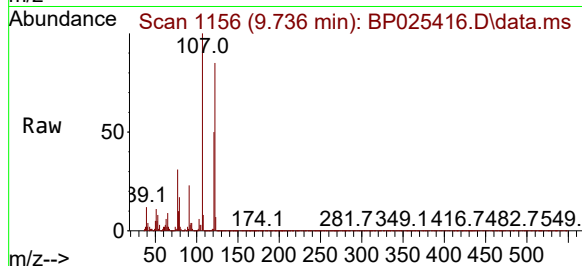
121 58.2 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.160 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

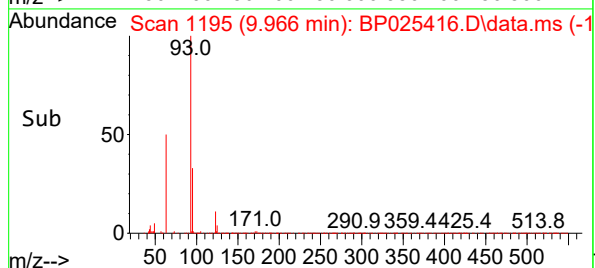
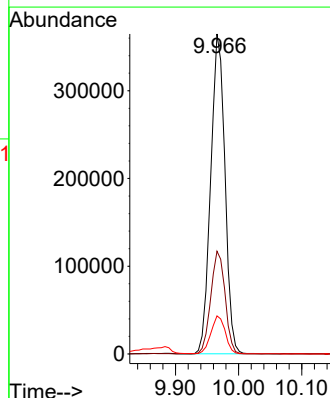
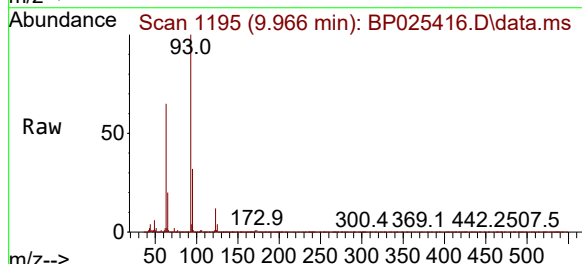
Tgt Ion: 93 Resp: 571301

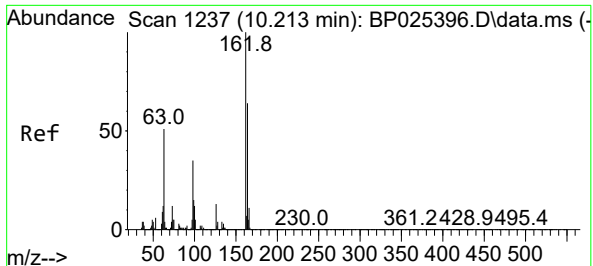
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.875 ng

RT: 10.207 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:162 Resp: 463120

Ion Ratio Lower Upper

162 100

164 66.0 44.4 84.4

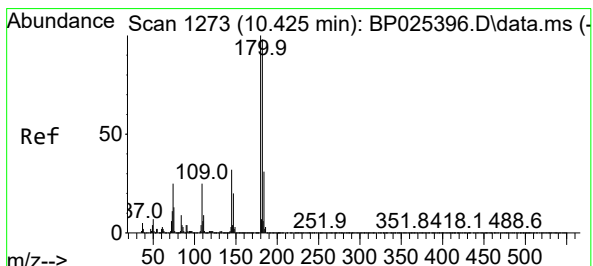
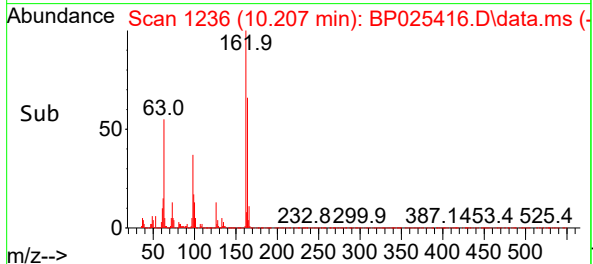
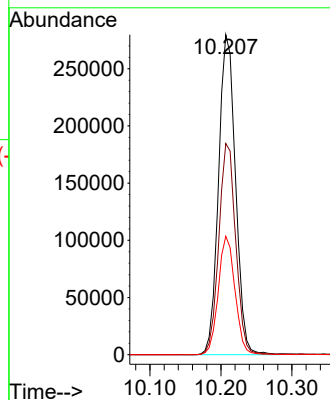
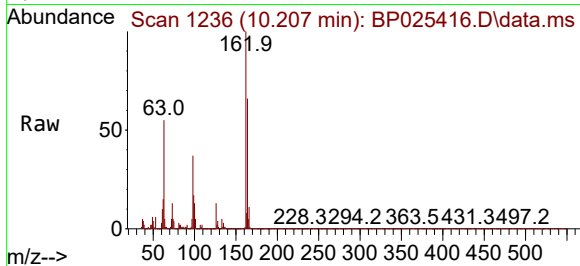
98 37.0 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.788 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

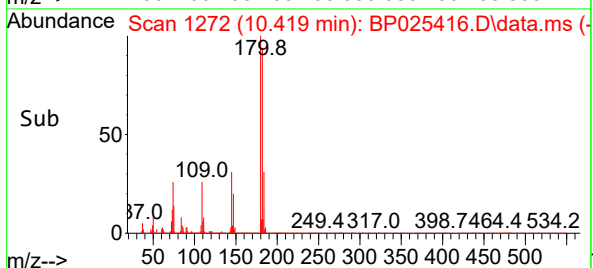
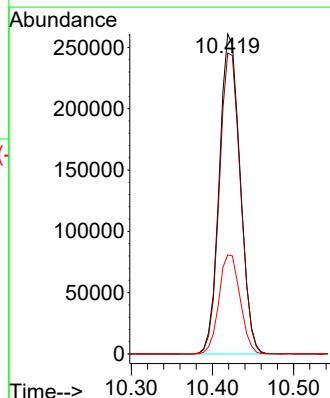
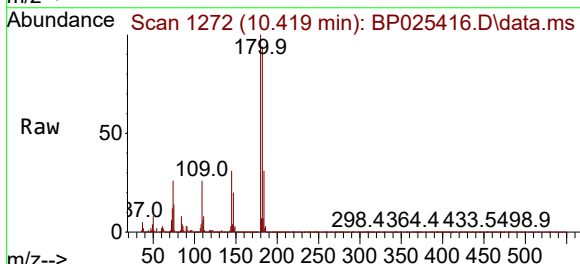
Tgt Ion:180 Resp: 465232

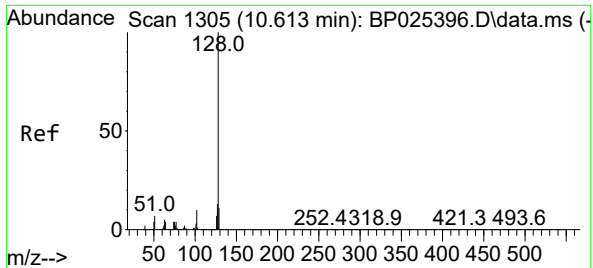
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

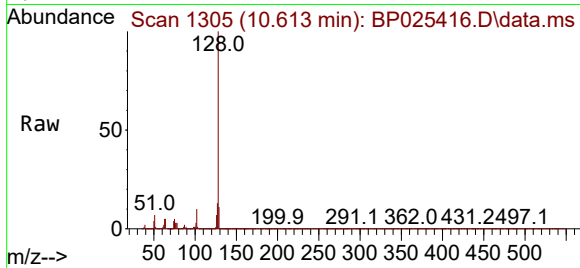
145 31.0 25.9 38.9





#31
Naphthalene
Concen: 44.490 ng
RT: 10.613 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

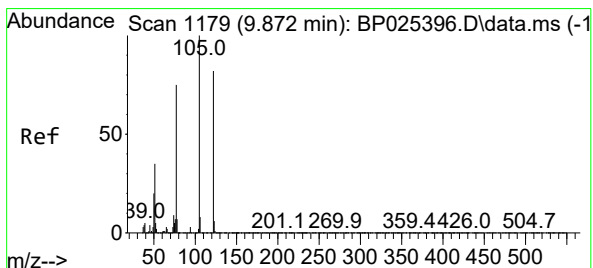
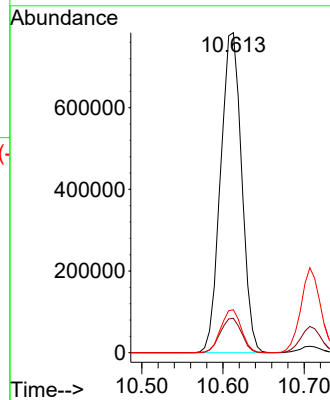
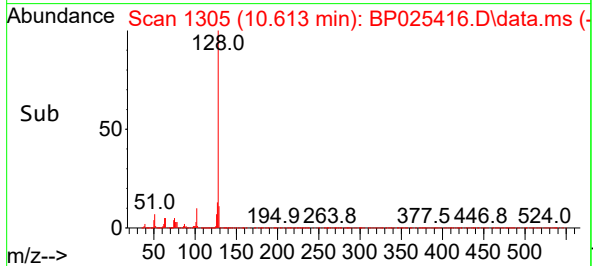
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:128 Resp: 141458
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

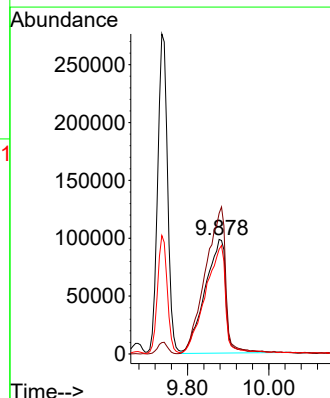
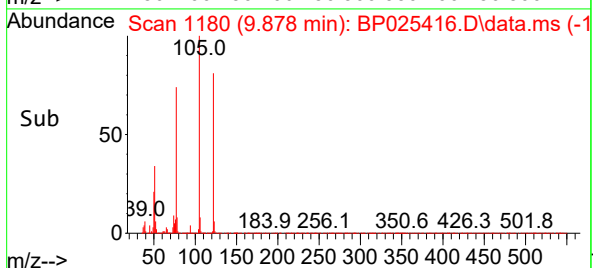
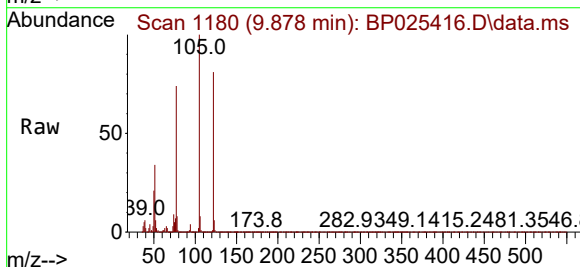
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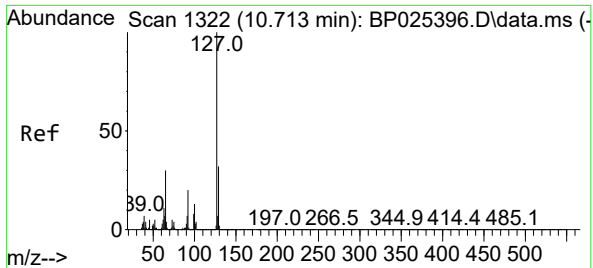
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 49.917 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

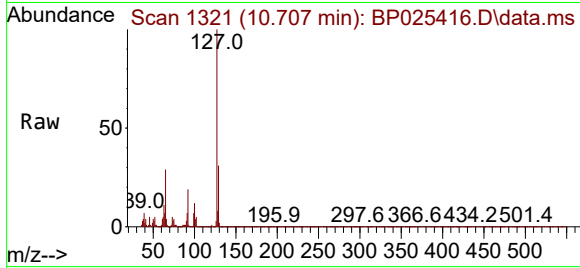
Tgt Ion:122 Resp: 351527
Ion Ratio Lower Upper
122 100
105 122.8 100.6 140.6
77 91.3 71.5 111.5





#33
4-Chloroaniline
Concen: 25.385 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

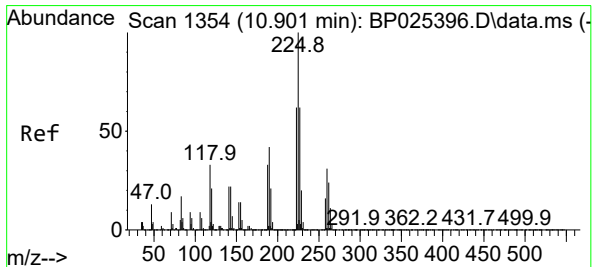
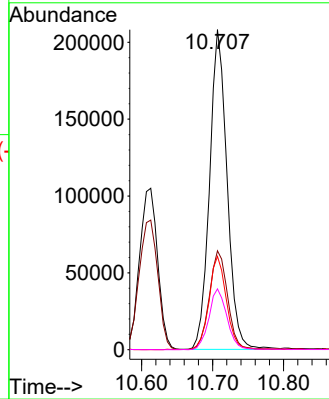
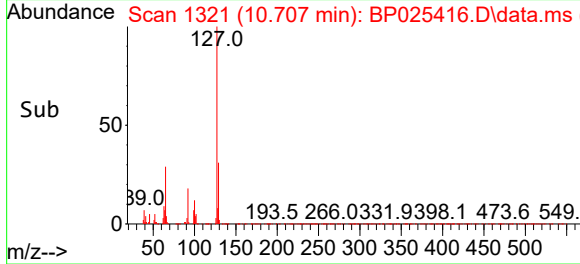
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:127 Resp: 356528
Ion Ratio Lower Upper
127 100
129 30.9 25.4 38.2
65 29.2 23.8 35.6
92 19.0 15.8 23.8

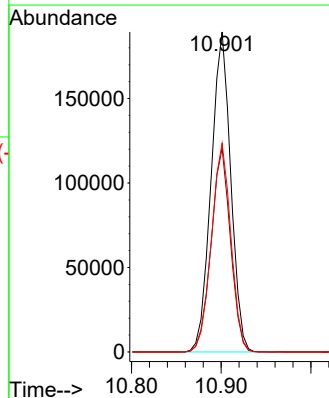
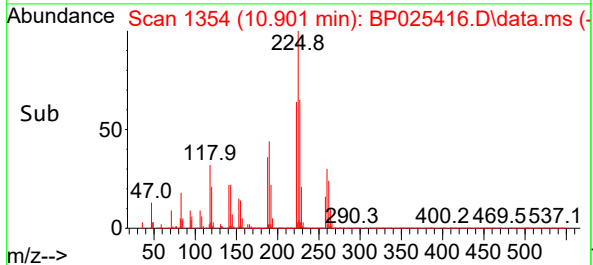
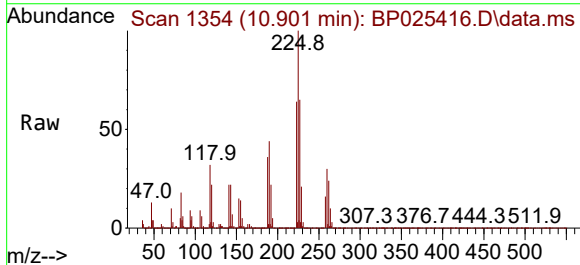
Manual Integrations
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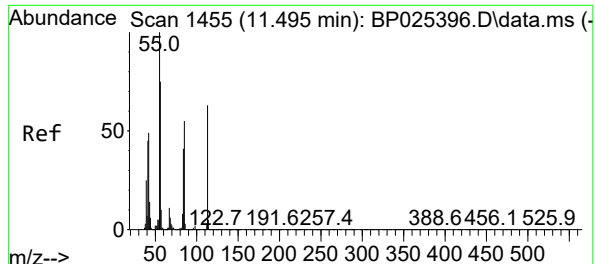
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 44.305 ng
RT: 10.901 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:225 Resp: 286611
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 65.2 49.7 74.5





#35

Caprolactam

Concen: 47.563 ng m

RT: 11.501 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:113 Resp: 165259

Ion Ratio Lower Upper

113 100

55 153.8 140.0 180.0

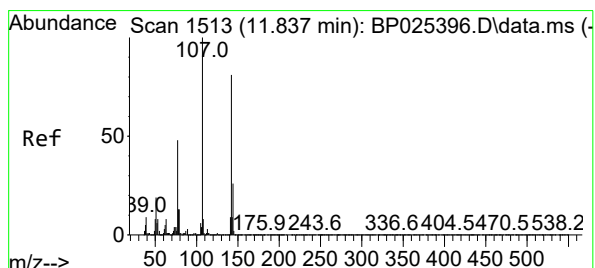
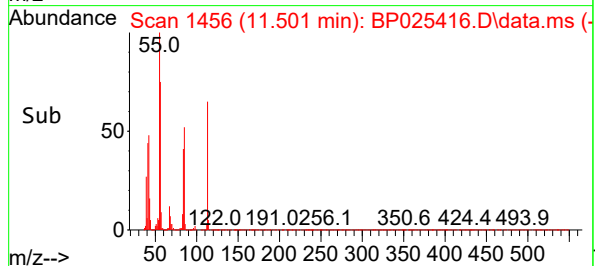
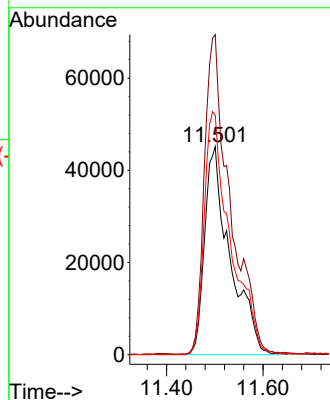
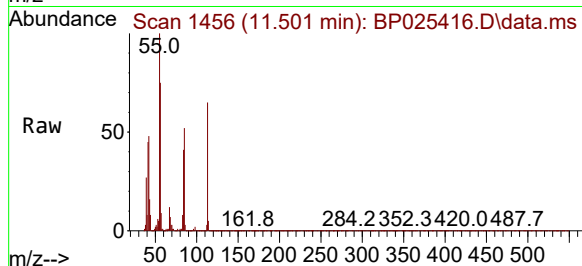
56 115.2 100.0 140.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#36

4-Chloro-3-methylphenol

Concen: 48.688 ng

RT: 11.836 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

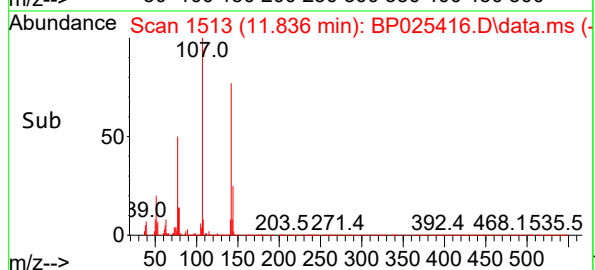
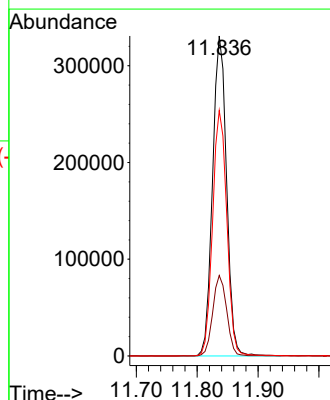
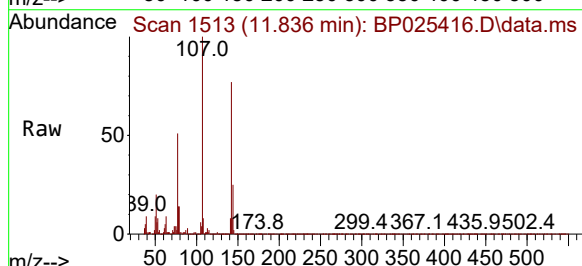
Tgt Ion:107 Resp: 529393

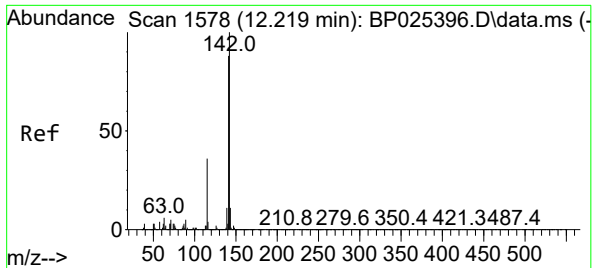
Ion Ratio Lower Upper

107 100

144 25.2 21.0 31.4

142 76.7 64.6 97.0





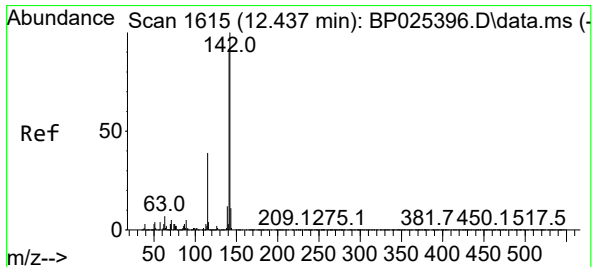
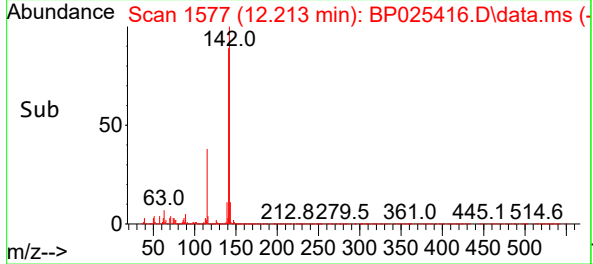
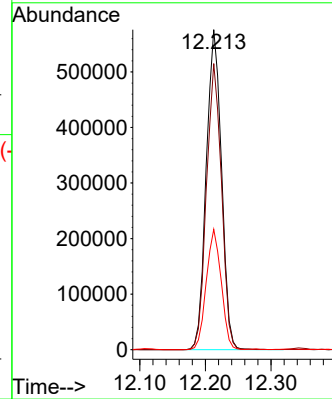
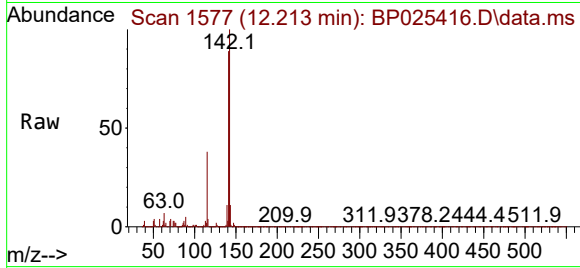
#37
2-Methylnaphthalene
Concen: 45.034 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:142 Resp: 93183
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 37.6 28.9 43.3

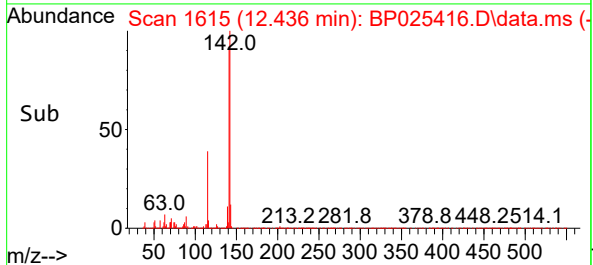
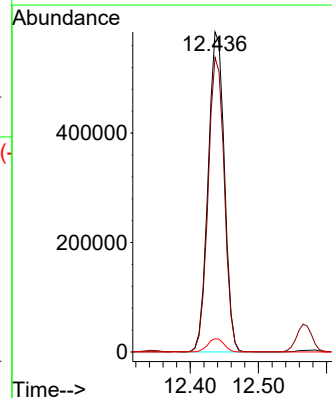
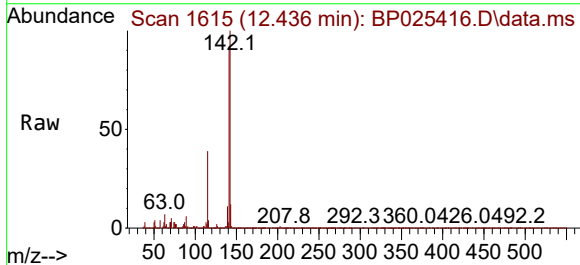
Manual Integrations
APPROVED

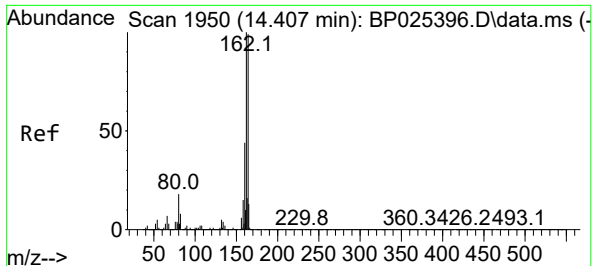
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 44.028 ng
RT: 12.436 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:142 Resp: 968839
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:164 Resp: 408254

Ion Ratio Lower Upper

164 100

162 96.8 81.0 121.6

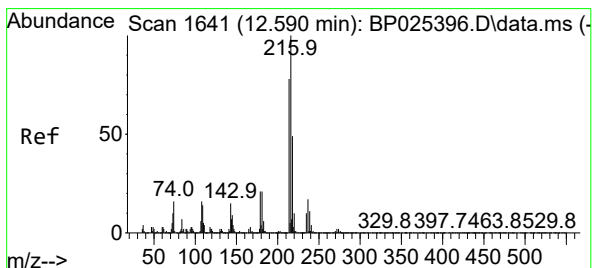
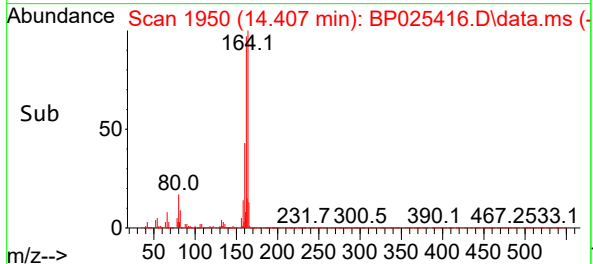
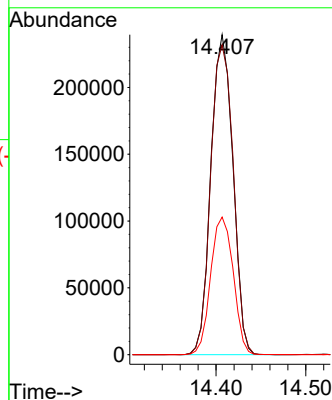
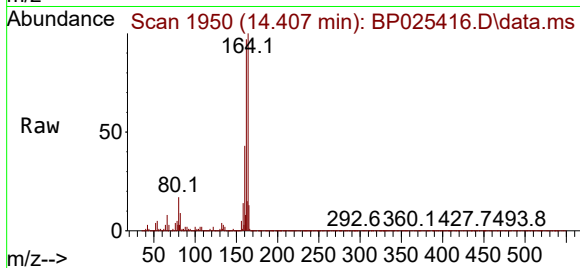
160 43.0 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.798 ng

RT: 12.583 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Tgt Ion:216 Resp: 528206

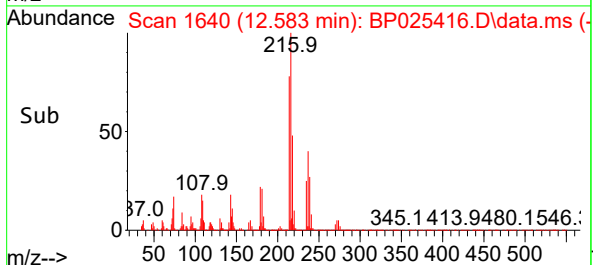
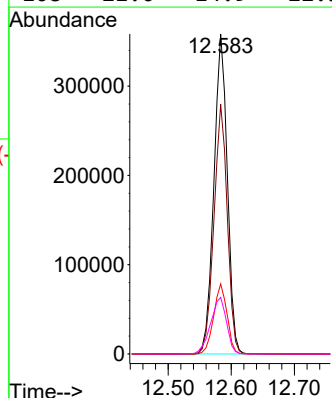
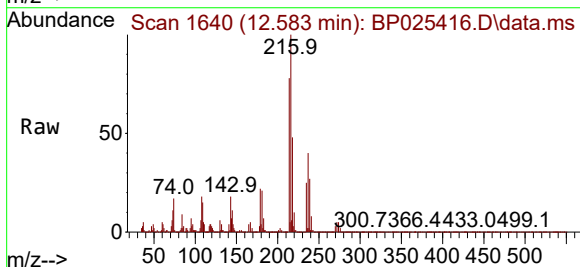
Ion Ratio Lower Upper

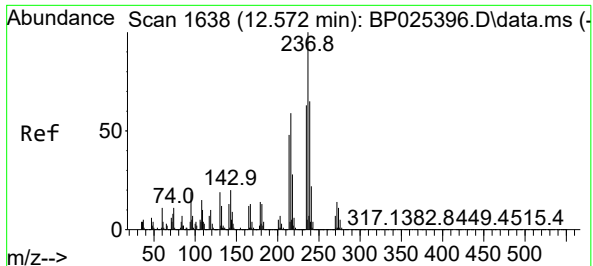
216 100

214 77.7 63.0 94.4

179 21.8 17.1 25.7

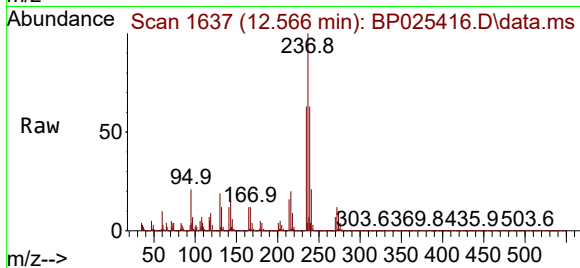
108 21.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 90.202 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

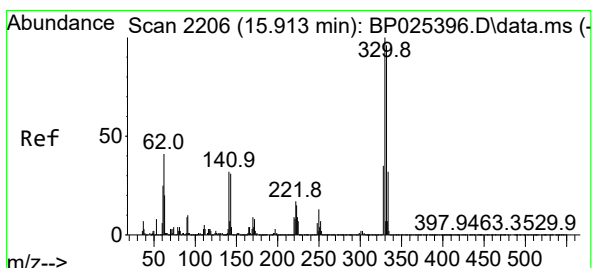
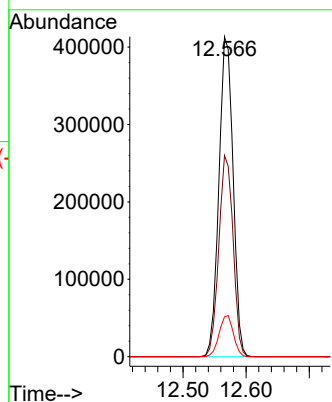
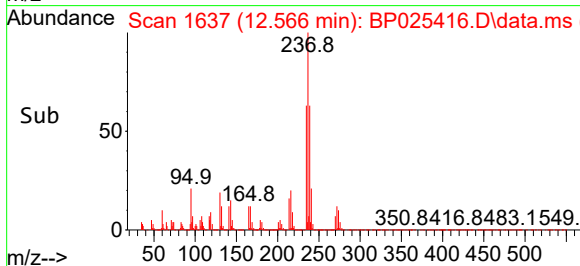
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion: 237 Resp: 642432
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 12.5 0.0 34.0

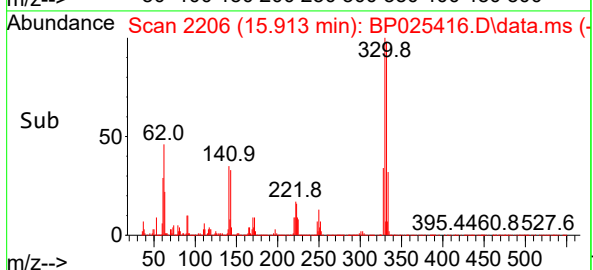
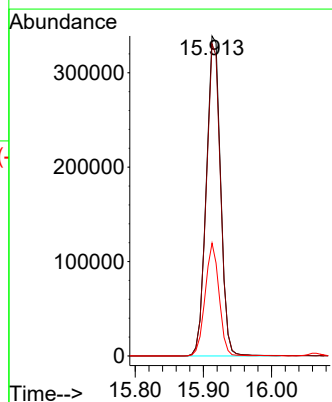
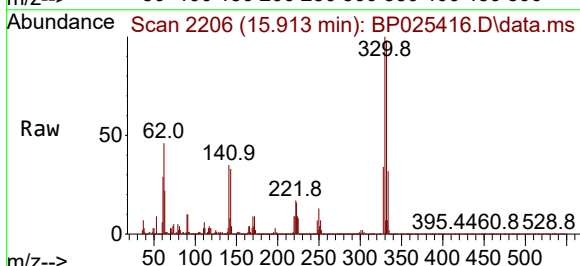
Manual Integrations
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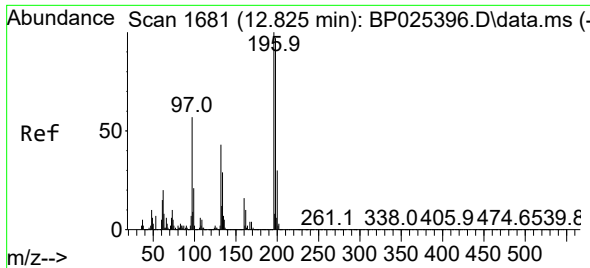
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 89.731 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

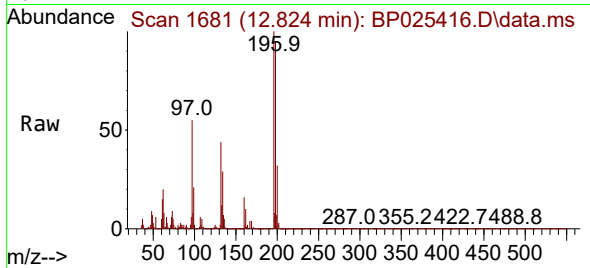
Tgt Ion: 330 Resp: 493086
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 34.4 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 48.407 ng
RT: 12.824 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

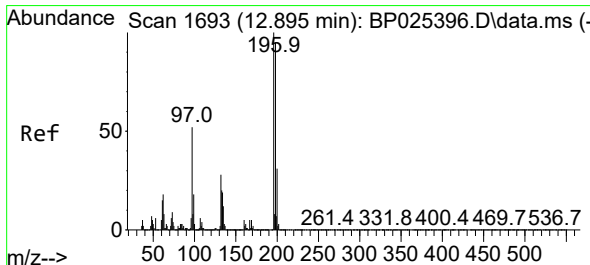
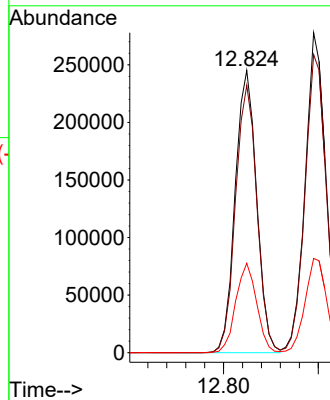
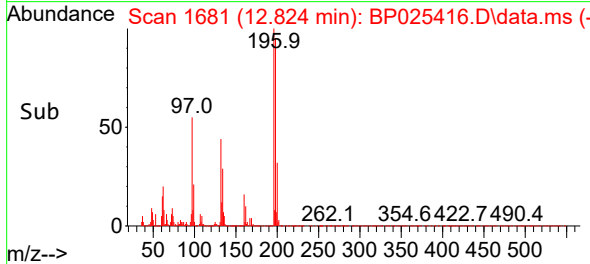
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



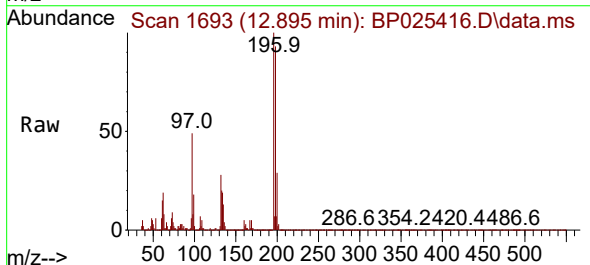
Tgt Ion:196 Resp: 385328
Ion Ratio Lower Upper
196 100
198 94.8 77.2 115.8
200 31.7 23.9 35.9

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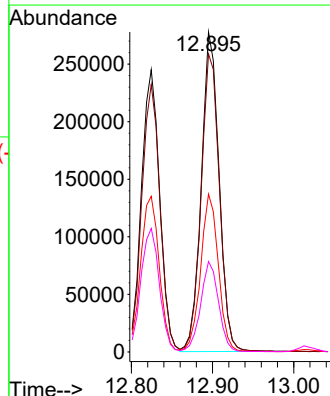
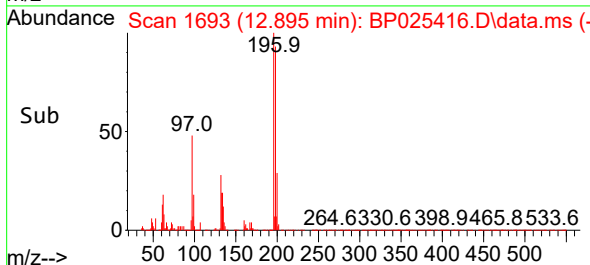
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

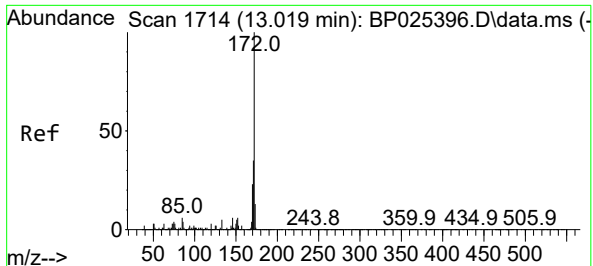


#44
2,4,5-Trichlorophenol
Concen: 48.409 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



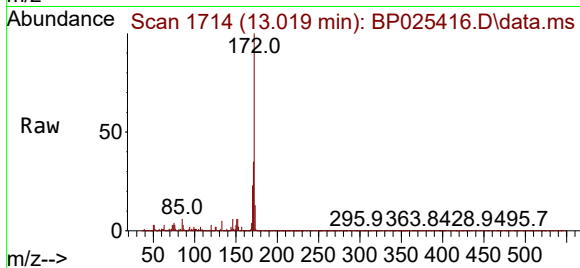
Tgt Ion:196 Resp: 422320
Ion Ratio Lower Upper
196 100
198 93.2 76.2 114.2
97 49.4 41.2 61.8
132 28.2 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 50.806 ng
RT: 13.019 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

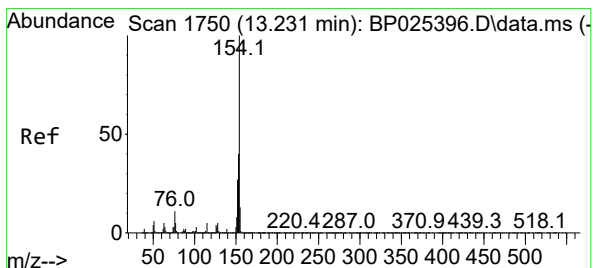
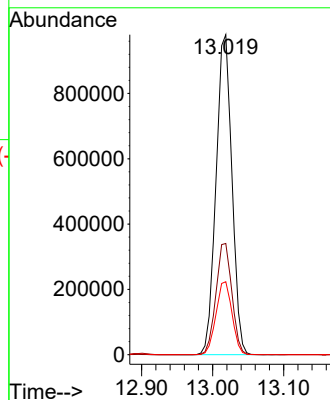
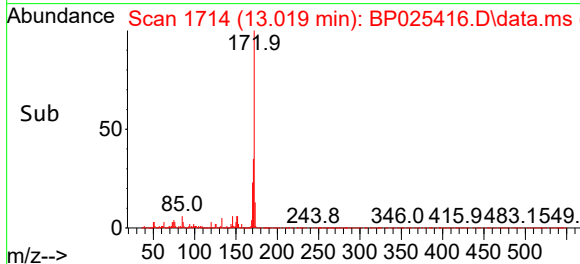
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:172 Resp: 1517679
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.8 18.6 28.0

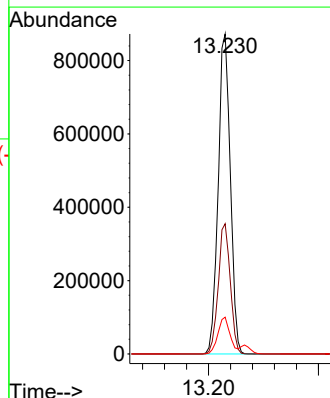
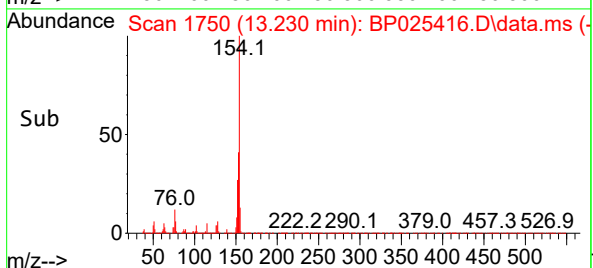
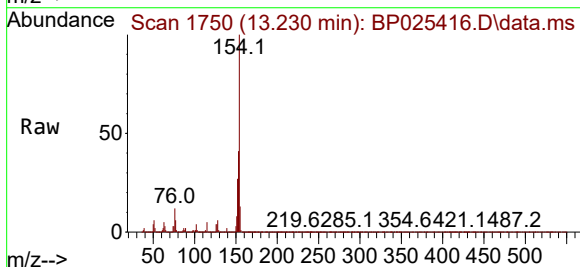
Manual Integrations
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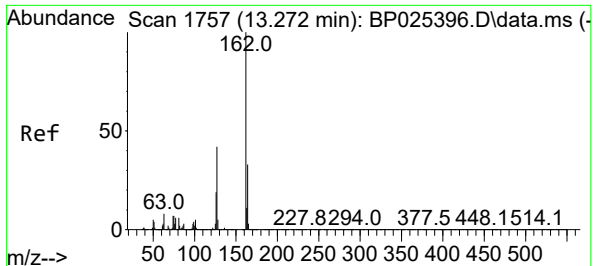
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 44.989 ng
RT: 13.230 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:154 Resp: 1333915
Ion Ratio Lower Upper
154 100
153 40.7 19.5 59.5
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.421 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:162 Resp: 1048414

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

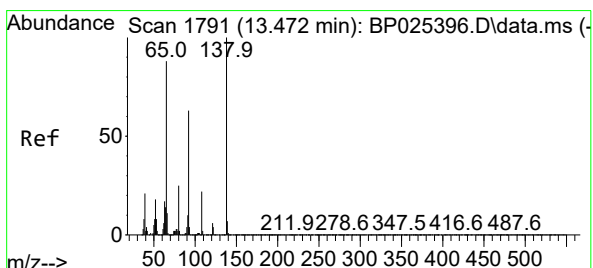
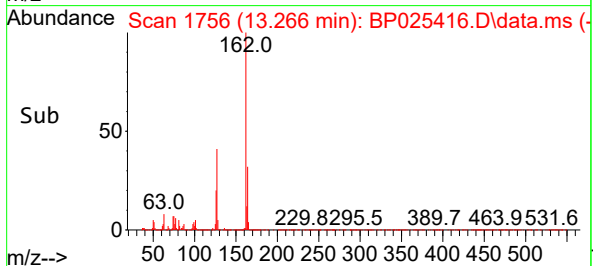
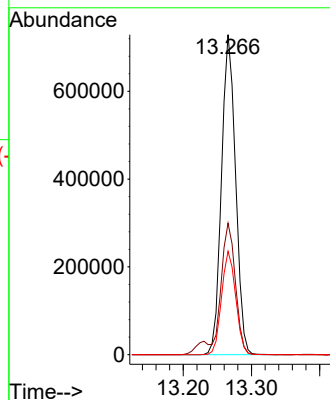
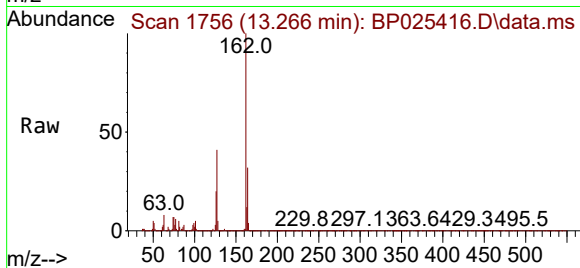
164 32.3 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 48.653 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

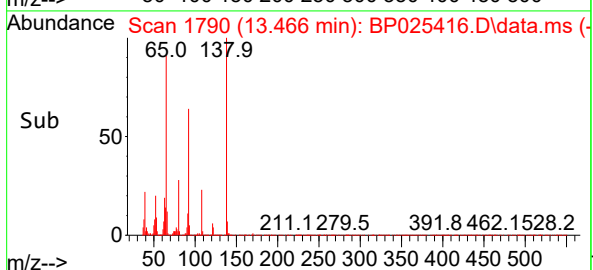
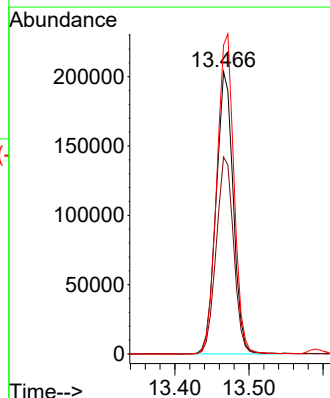
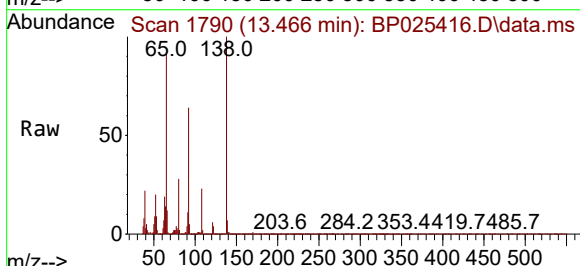
Tgt Ion: 65 Resp: 327216

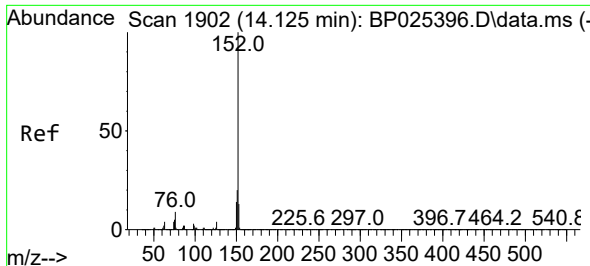
Ion Ratio Lower Upper

65 100

92 69.8 57.6 86.4

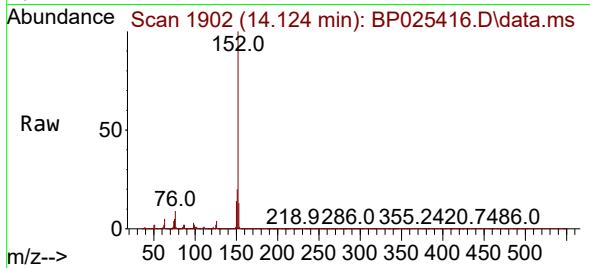
138 109.5 91.0 136.6





#49
Acenaphthylene
Concen: 45.584 ng
RT: 14.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

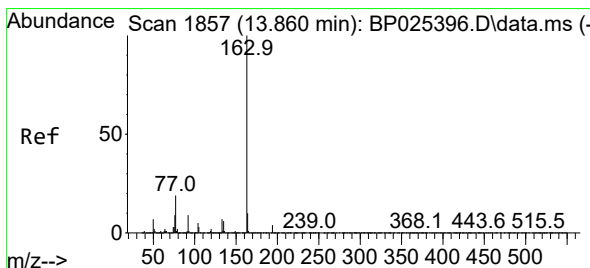
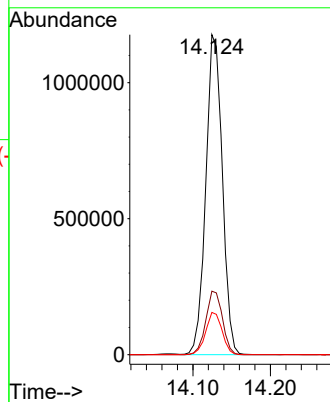
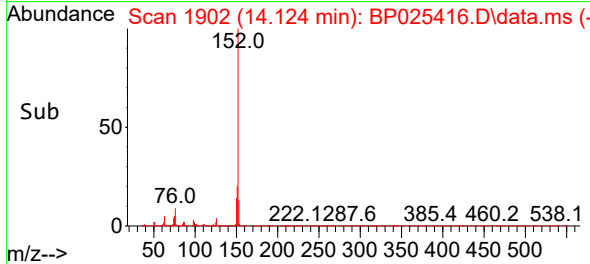
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:152 Resp: 1741033
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 15.8

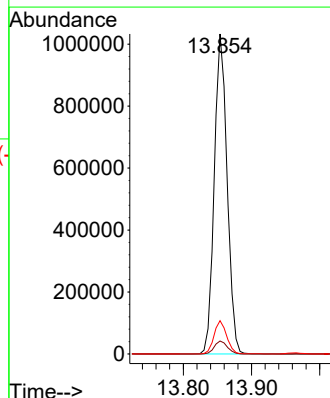
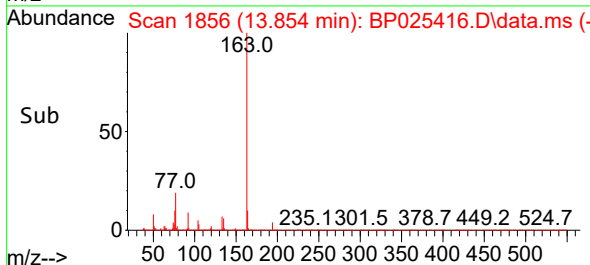
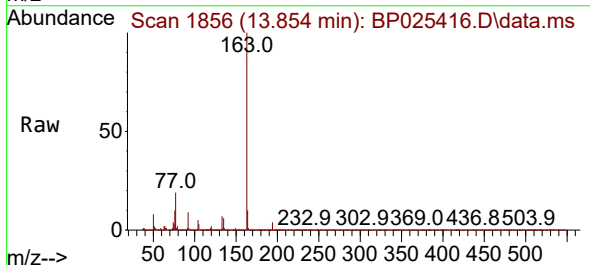
Manual Integrations
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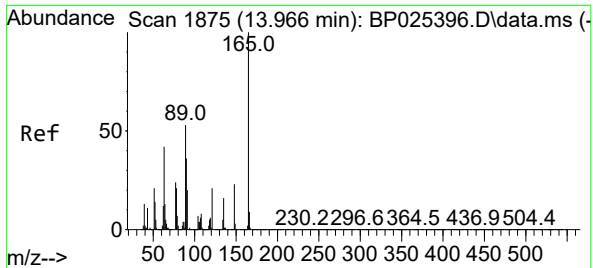
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#50
Dimethylphthalate
Concen: 45.264 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

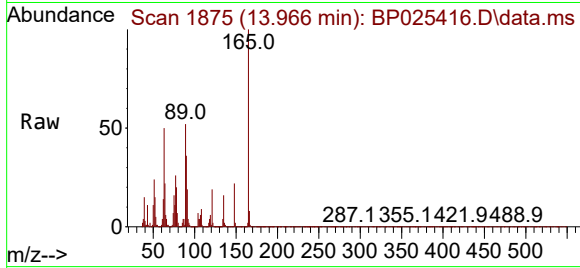
Tgt Ion:163 Resp: 1353224
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.281 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

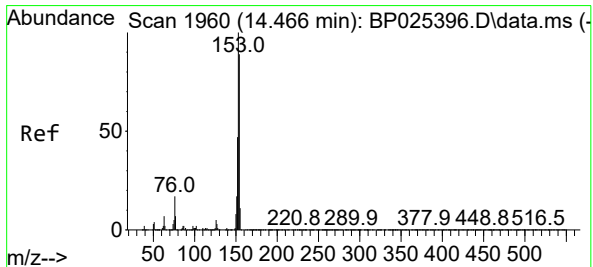
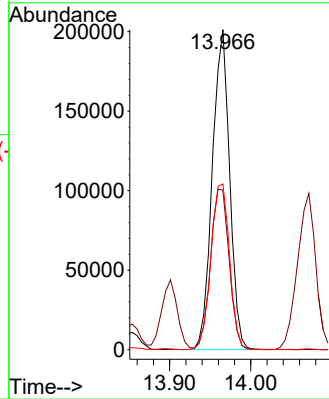
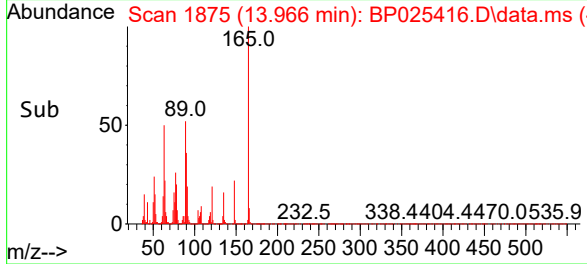
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:165 Resp: 297925
Ion Ratio Lower Upper
165 100
63 49.9 40.9 61.3
89 51.8 42.1 63.1

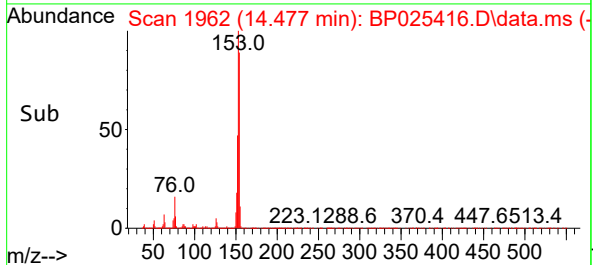
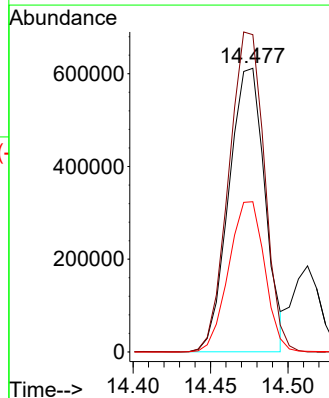
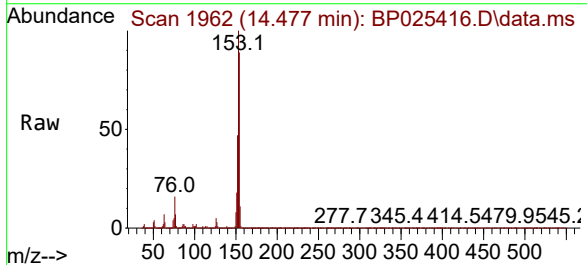
Manual Integrations
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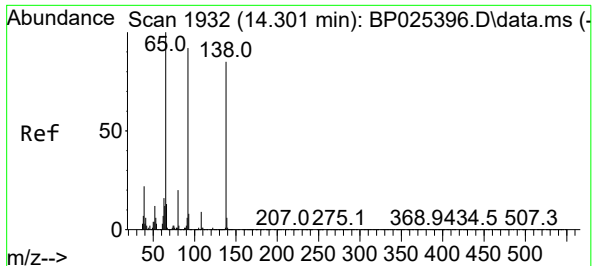
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 44.181 ng
RT: 14.477 min Scan# 1962
Delta R.T. 0.011 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

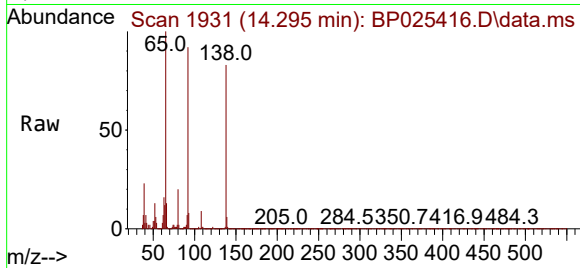
Tgt Ion:154 Resp: 990506
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 53.0 42.1 63.1





#53
3-Nitroaniline
Concen: 31.093 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

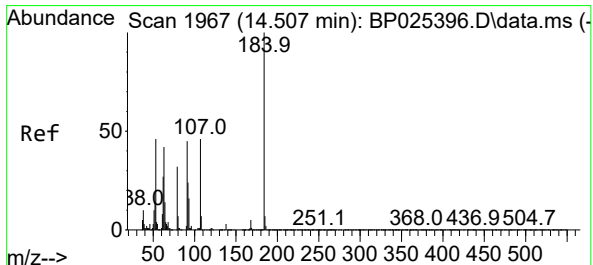
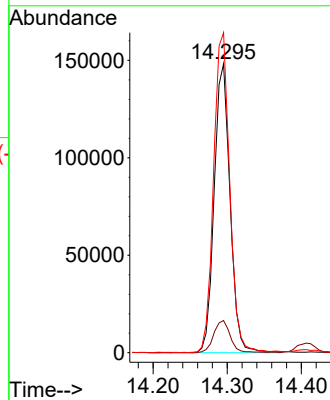
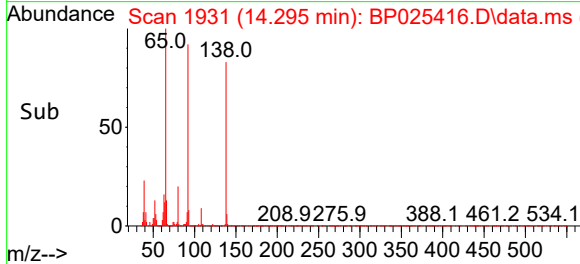
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:138 Resp: 22043
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 110.8 86.2 129.2

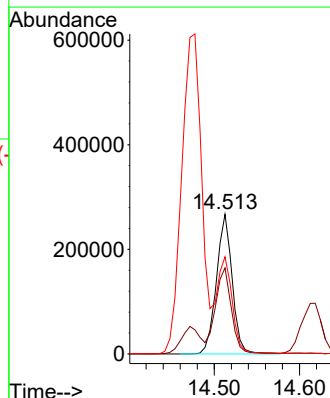
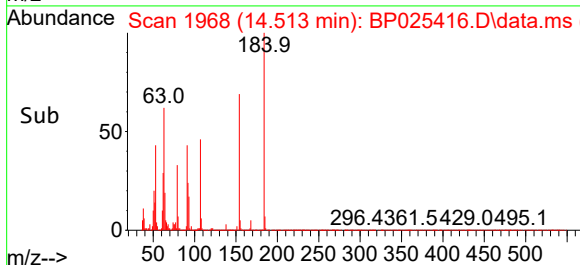
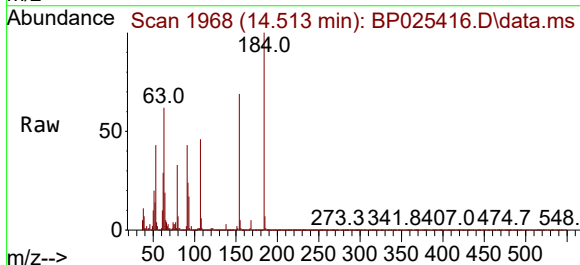
Manual Integrations
APPROVED

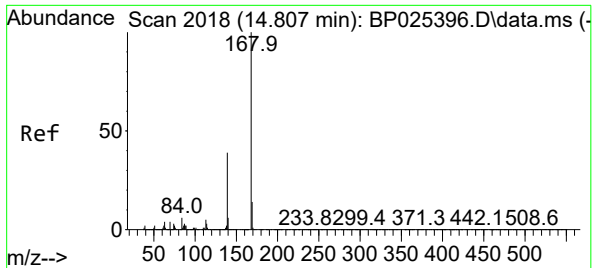
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 102.765 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.005 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

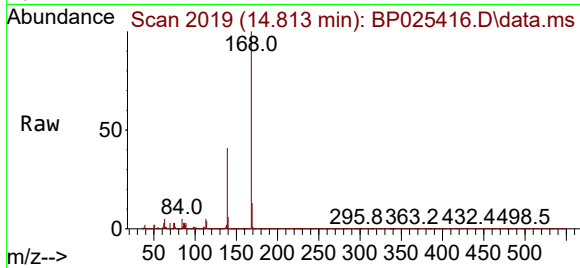
Tgt Ion:184 Resp: 345806
Ion Ratio Lower Upper
184 100
63 61.6 49.4 74.2
154 69.5 54.6 82.0





#55
Dibenzenofuran
Concen: 44.946 ng
RT: 14.813 min Scan# 2019
Delta R.T. 0.005 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

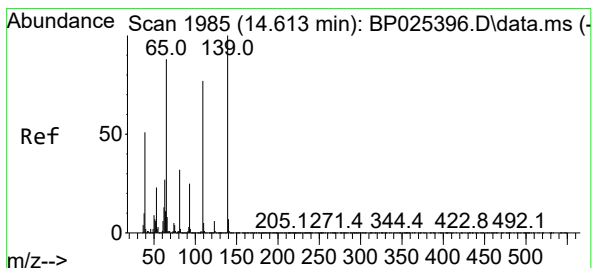
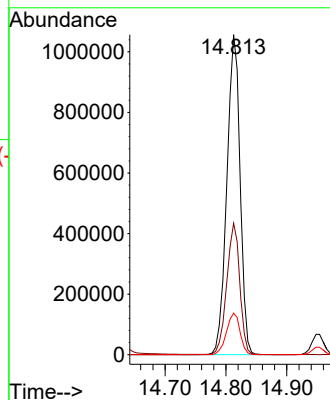
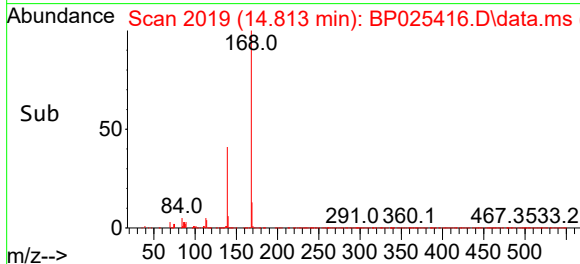
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



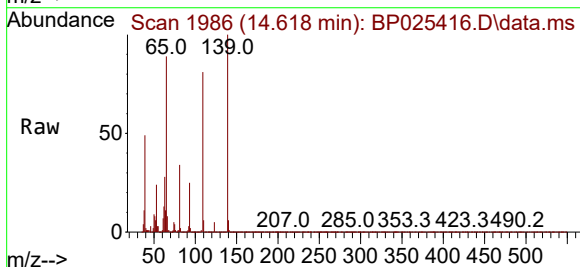
Tgt Ion:168 Resp: 1593114
Ion Ratio Lower Upper
168 100
139 41.1 31.5 47.3
169 13.0 10.9 16.3

Manual Integrations
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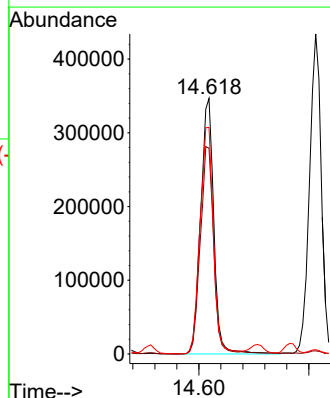
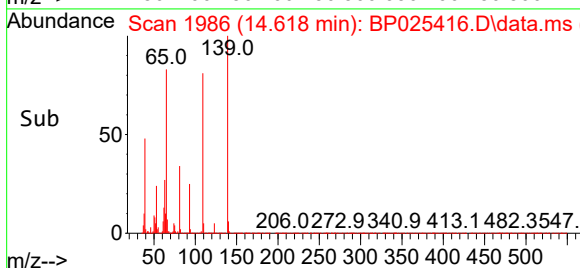
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

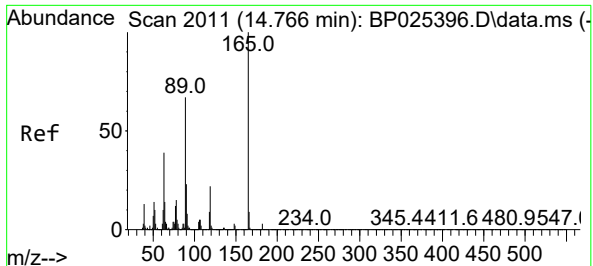


#56
4-Nitrophenol
Concen: 98.999 ng
RT: 14.618 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



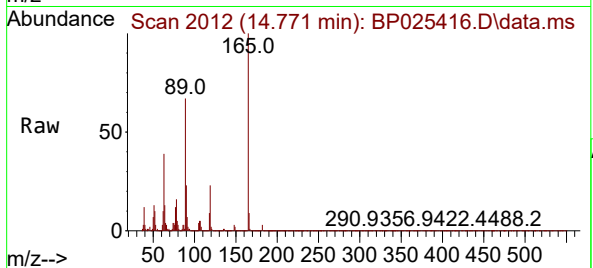
Tgt Ion:139 Resp: 576733
Ion Ratio Lower Upper
139 100
109 80.6 56.6 96.6
65 88.7 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 48.760 ng
RT: 14.771 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

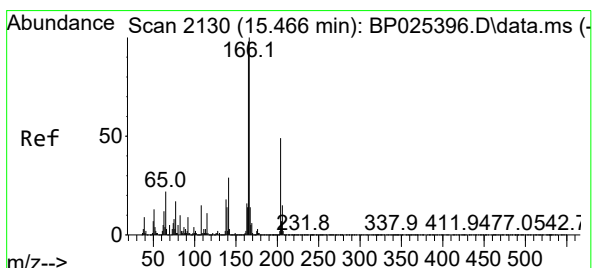
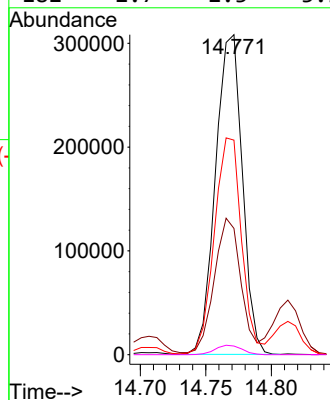
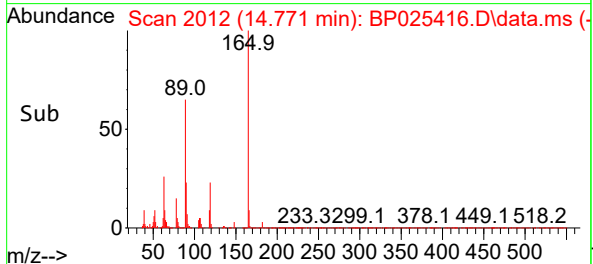
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



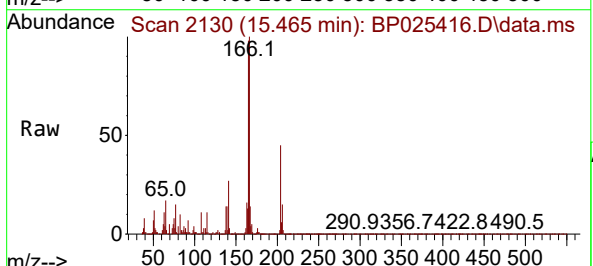
Tgt Ion:165 Resp: 43836
Ion Ratio Lower Upper
165 100
63 39.5 31.4 47.2
89 67.1 53.3 79.9
182 2.7 2.3 3.5

Manual Integrations
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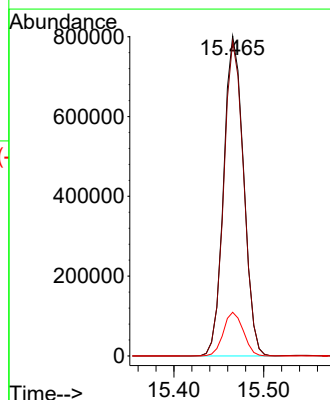
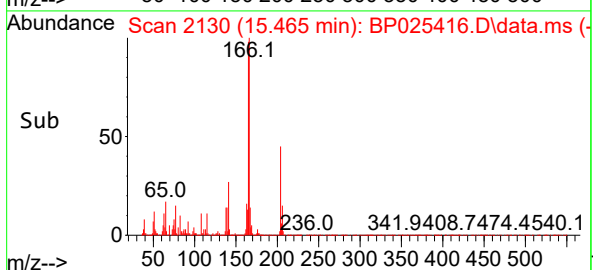
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

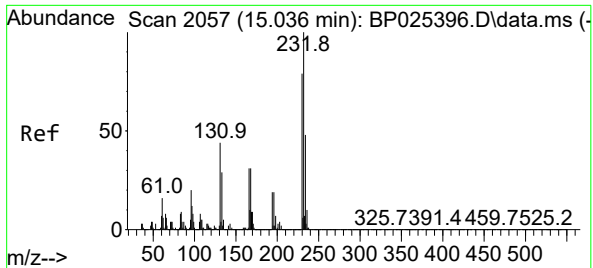


#58
Fluorene
Concen: 44.209 ng
RT: 15.465 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:166 Resp: 1236469
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.668 ng

RT: 15.036 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:232 Resp: 374890

Ion Ratio Lower Upper

232 100

131 47.0 37.0 55.6

130 2.6 1.9 2.9

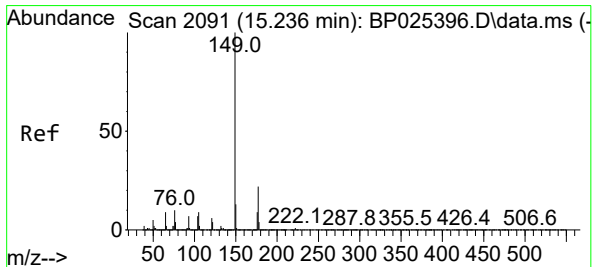
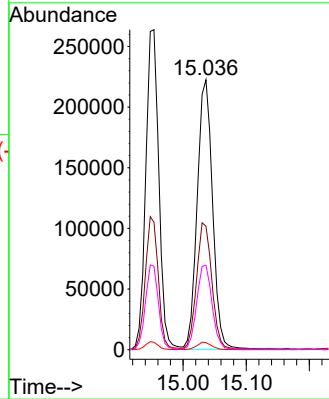
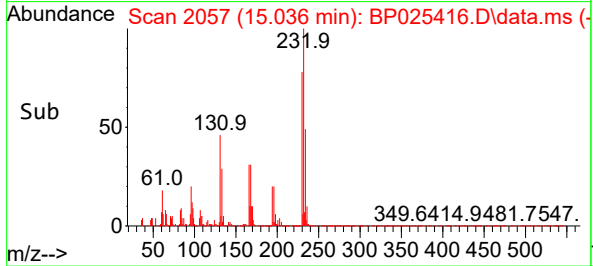
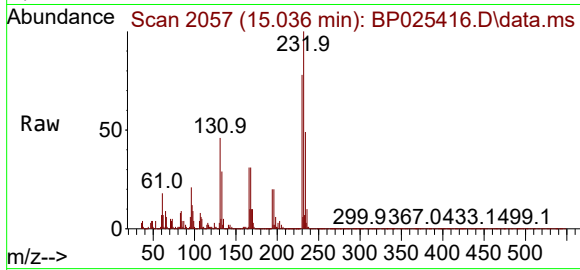
166 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 45.696 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

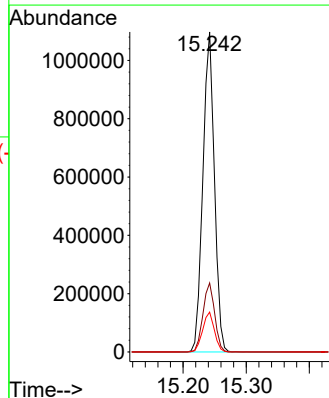
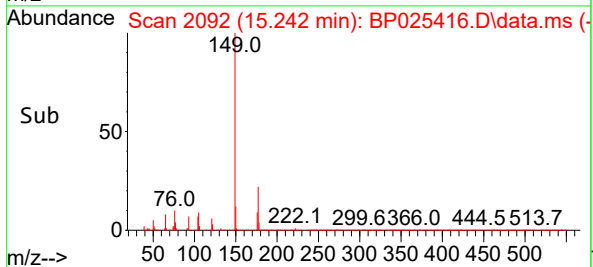
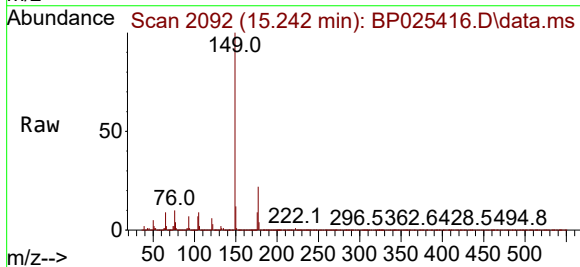
Tgt Ion:149 Resp: 1388142

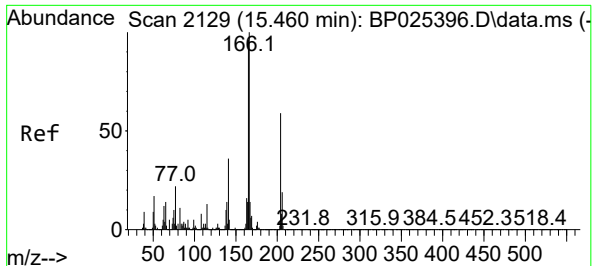
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

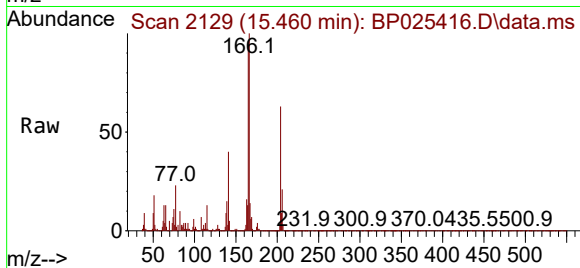
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.606 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

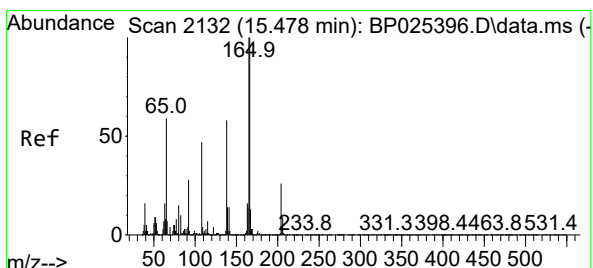
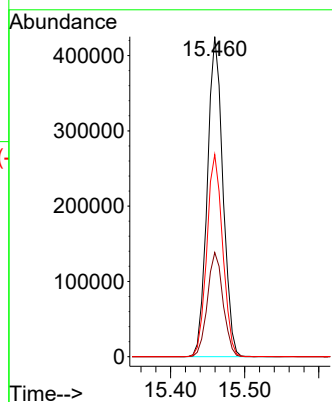
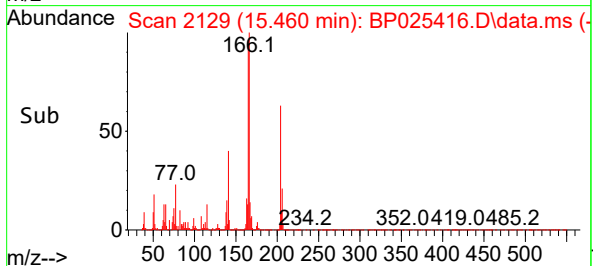
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:204 Resp: 620460
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 63.2 49.4 74.2

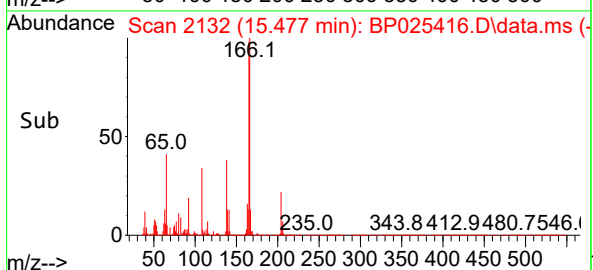
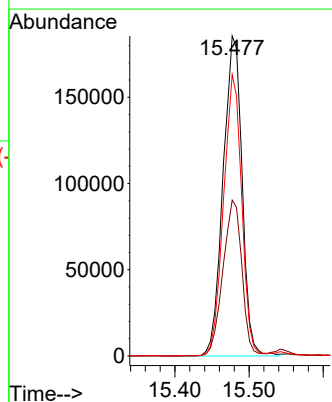
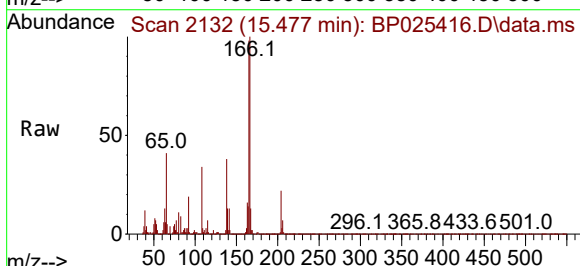
Manual Integrations
APPROVED

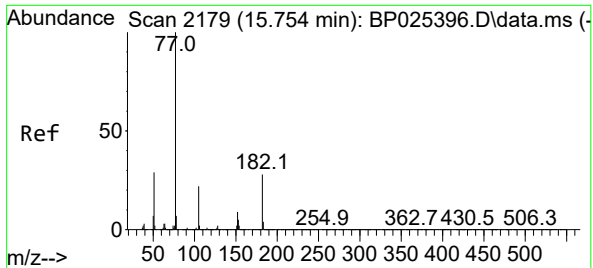
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 45.352 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

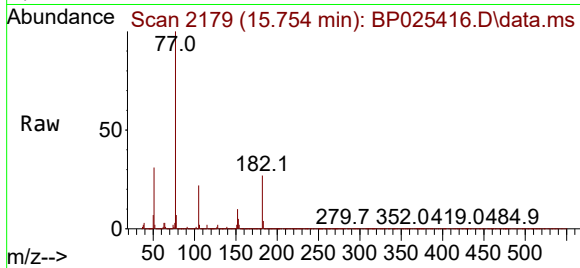
Tgt Ion:138 Resp: 329615
Ion Ratio Lower Upper
138 100
92 48.7 29.1 69.1
108 87.9 61.5 101.5





#63
Azobenzene
Concen: 50.212 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

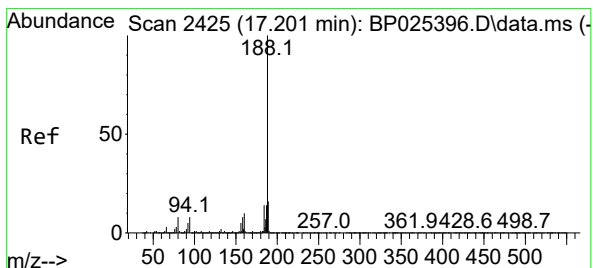
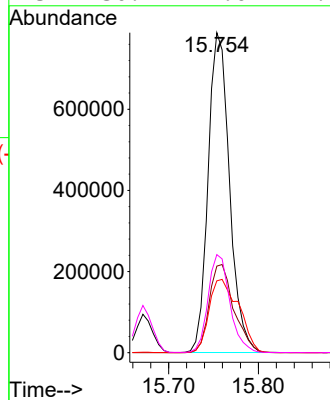
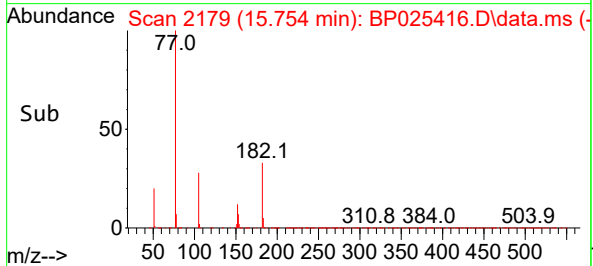
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion: 77 Resp: 1306069
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.5 2.1 42.1
51 30.7 9.6 49.6

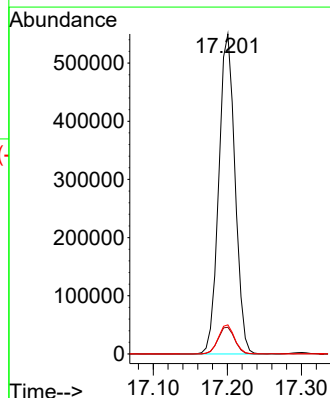
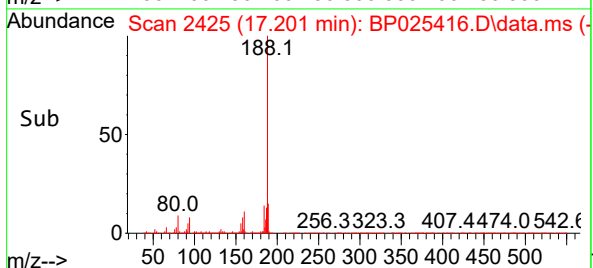
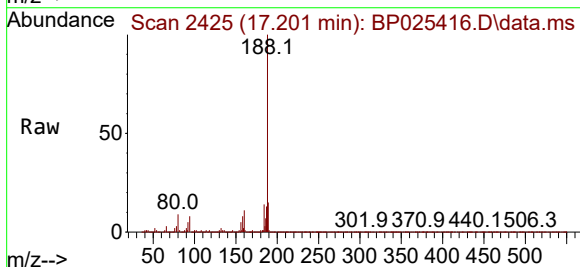
Manual Integrations
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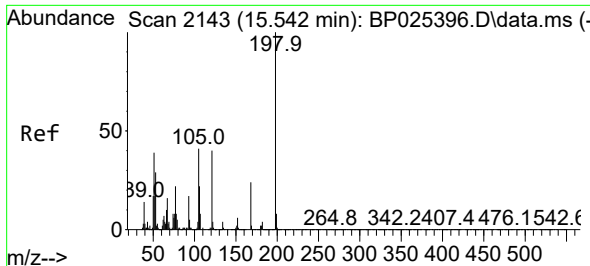
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

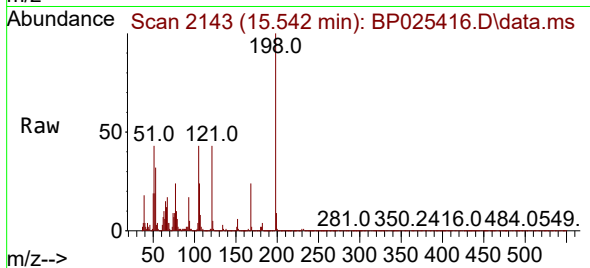
Tgt Ion:188 Resp: 837667
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.224 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

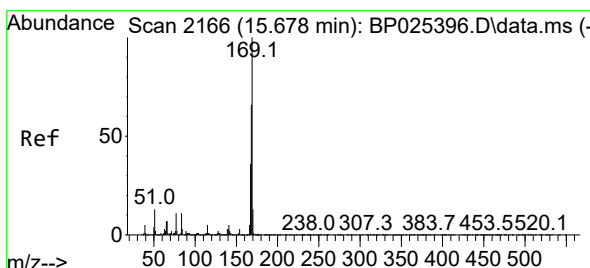
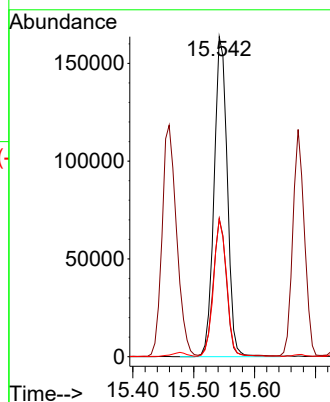
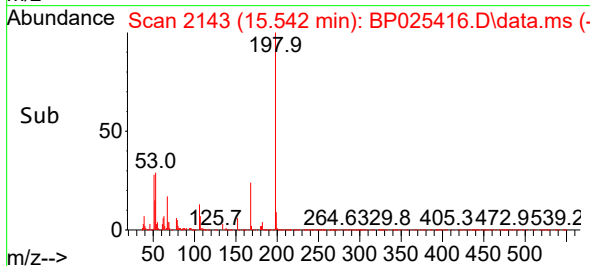
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:198 Resp: 246584
Ion Ratio Lower Upper
198 100
51 43.2 19.6 59.6
105 43.1 20.9 60.9

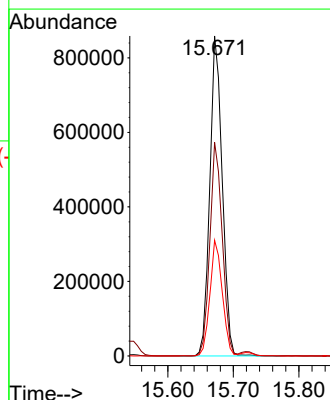
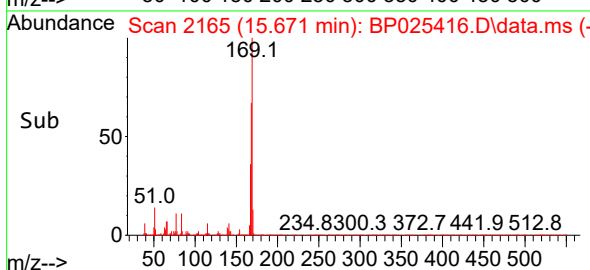
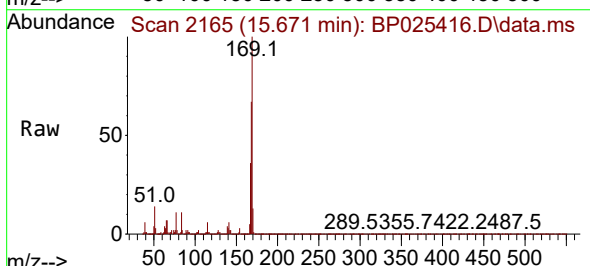
Manual Integrations
APPROVED

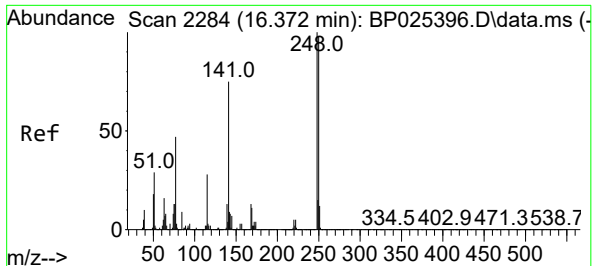
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 44.385 ng
RT: 15.671 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

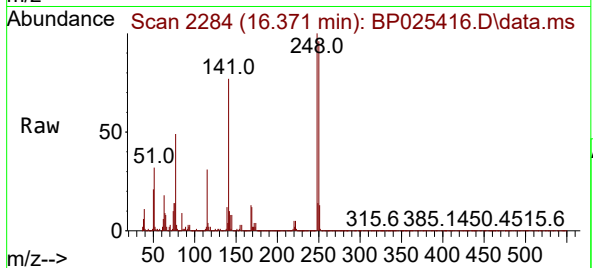
Tgt Ion:169 Resp: 1133759
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.752 ng
RT: 16.371 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

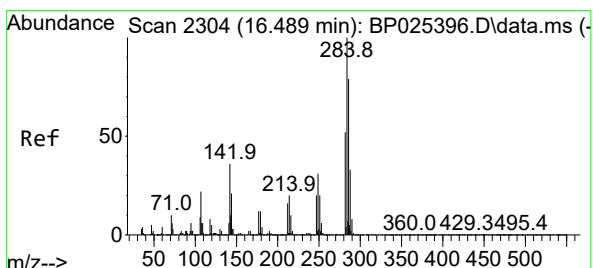
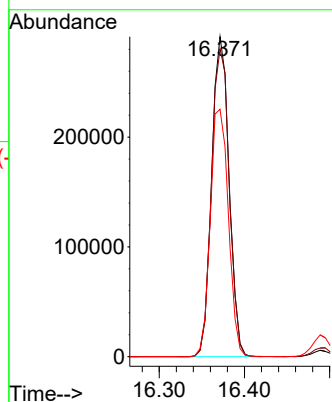
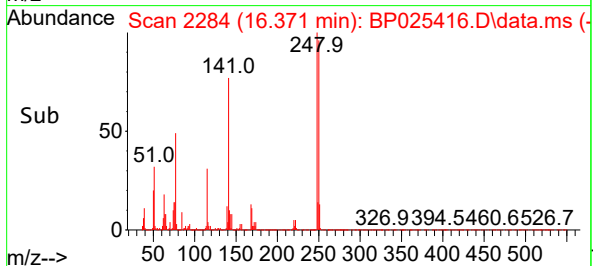
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:248 Resp: 412290
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.2
141 77.3 59.6 89.4

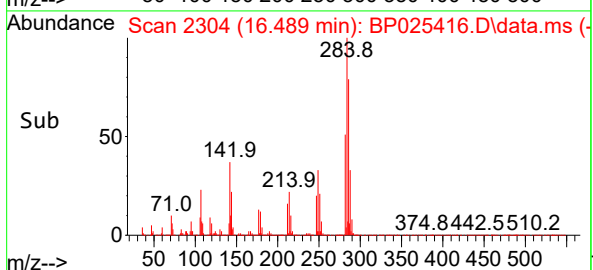
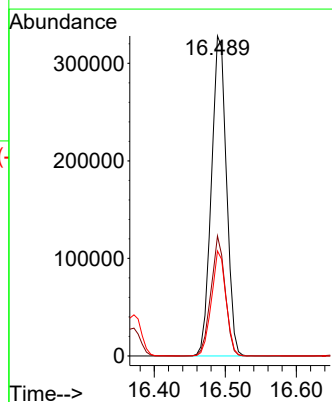
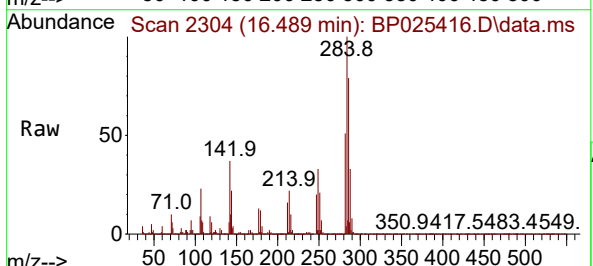
Manual Integrations
APPROVED

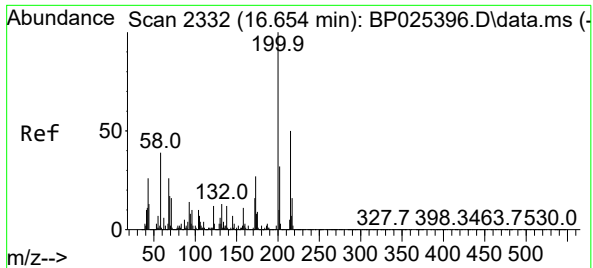
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 45.155 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

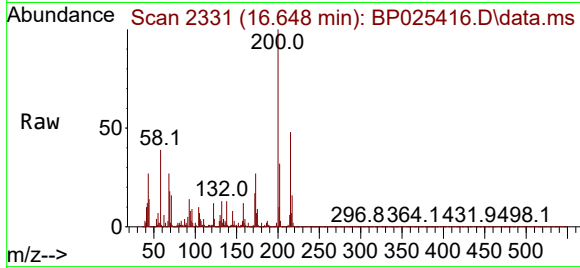
Tgt Ion:284 Resp: 482237
Ion Ratio Lower Upper
284 100
142 37.5 29.1 43.7
249 32.8 25.0 37.4





#69
Atrazine
Concen: 46.417 ng
RT: 16.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

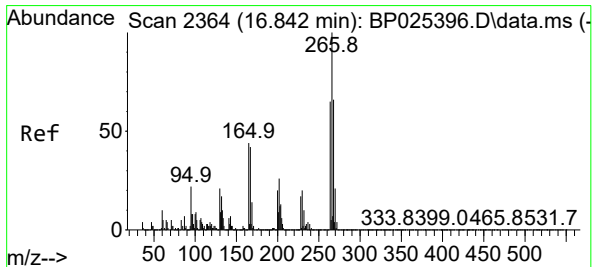
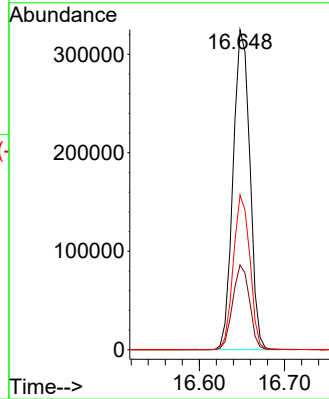
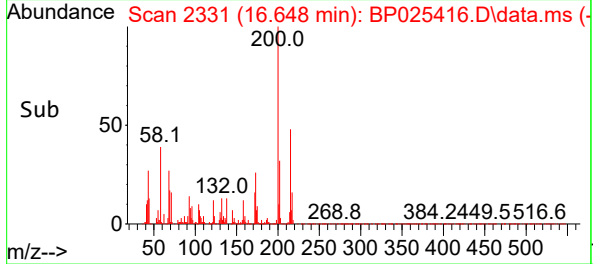
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



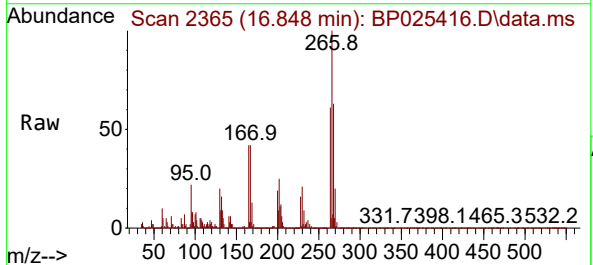
Tgt Ion:200 Resp: 444039
Ion Ratio Lower Upper
200 100
173 26.5 6.7 46.7
215 48.3 29.7 69.7

Manual Integrations
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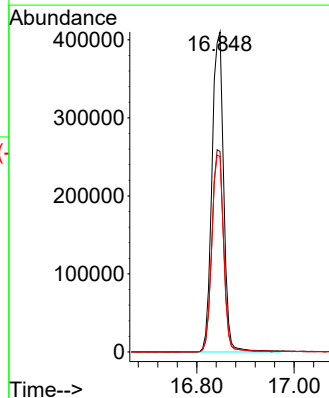
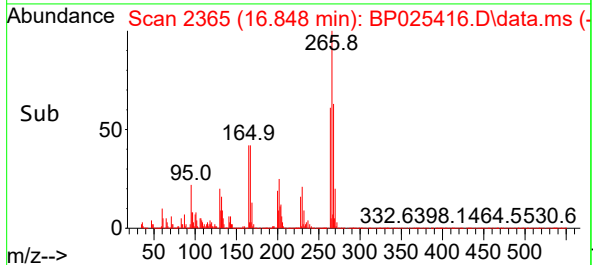
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

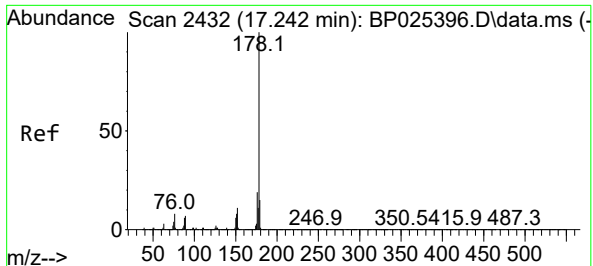


#70
Pentachlorophenol
Concen: 100.512 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



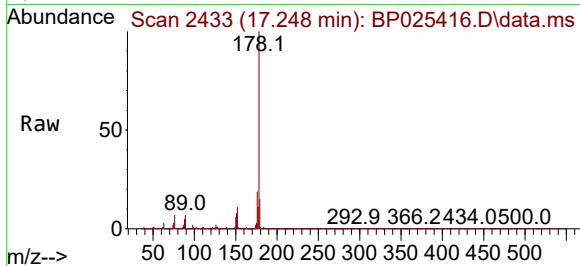
Tgt Ion:266 Resp: 677601
Ion Ratio Lower Upper
266 100
268 62.7 52.6 79.0
264 61.0 52.0 78.0





#71
Phenanthrene
Concen: 45.316 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

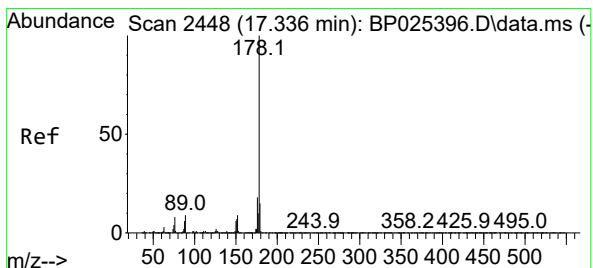
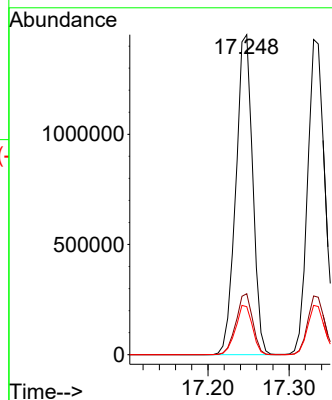
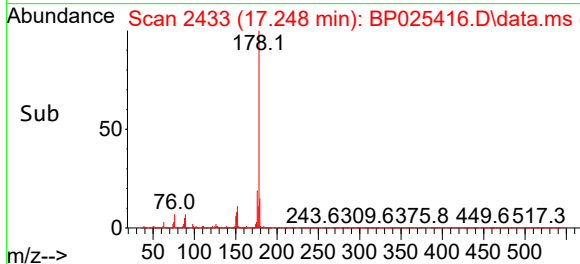
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:178 Resp: 2085270
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.0 12.2 18.4

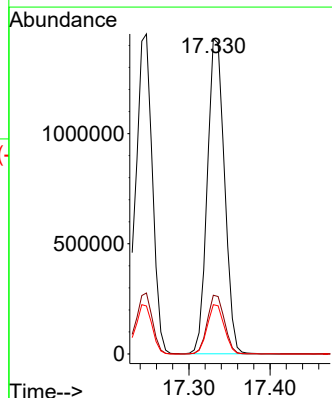
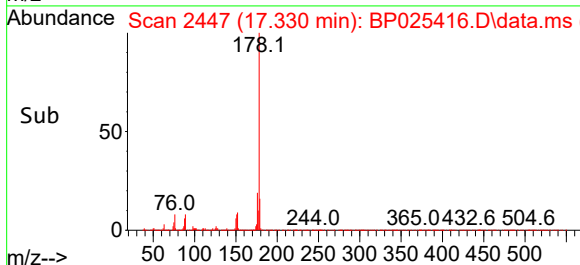
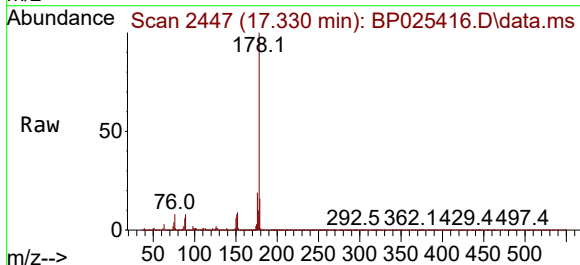
Manual Integrations
APPROVED

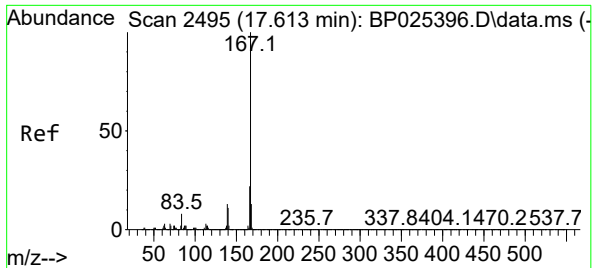
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 44.651 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

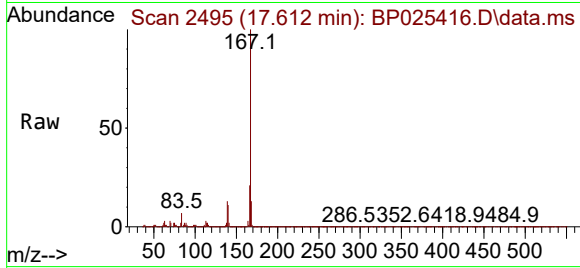
Tgt Ion:178 Resp: 2098232
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 46.257 ng
 RT: 17.612 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29

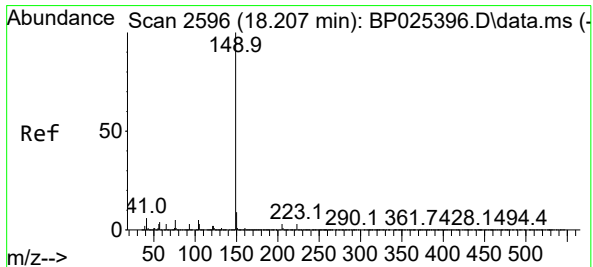
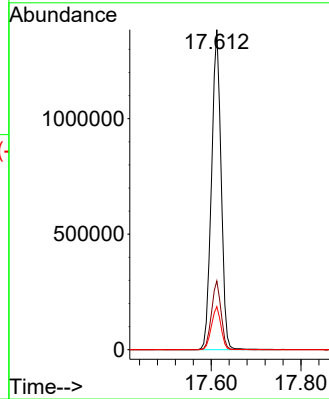
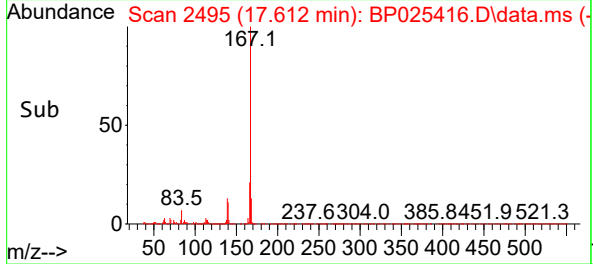
Instrument :
 BNA_P
 ClientSampleId :
 88H-EMSD



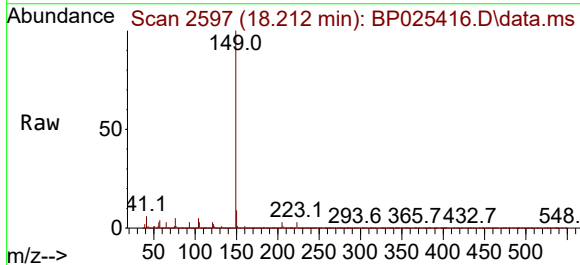
Tgt Ion:167 Resp: 204740
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.5 10.6 16.0

Manual Integrations
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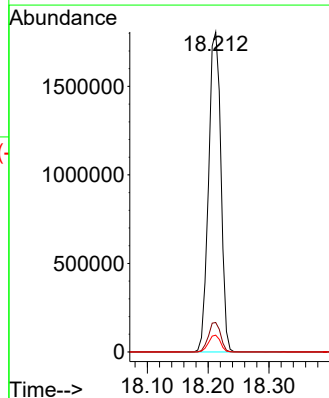
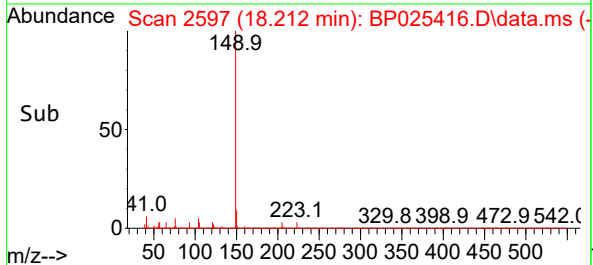
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

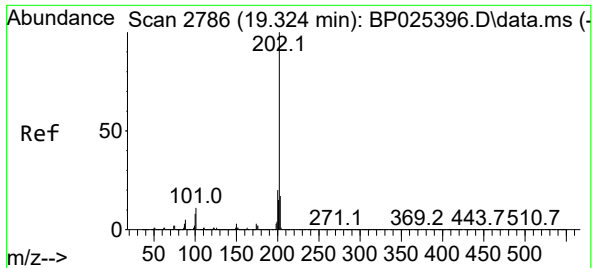


#74
 Di-n-butylphthalate
 Concen: 46.503 ng
 RT: 18.212 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025416.D
 Acq: 15 Aug 2025 06:29



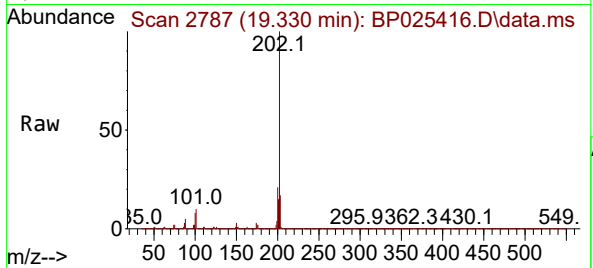
Tgt Ion:149 Resp: 2532382
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 46.606 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

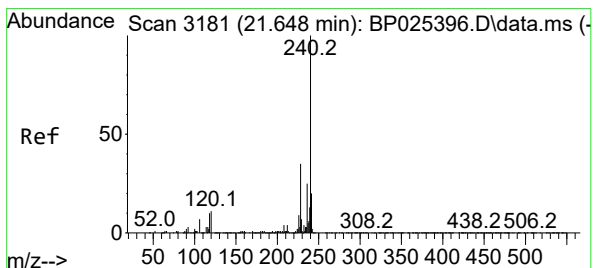
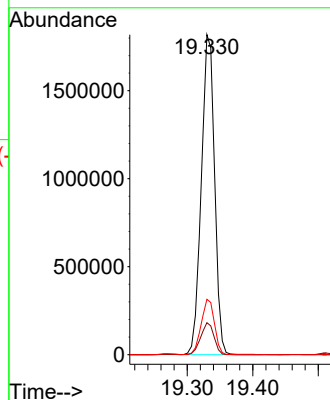
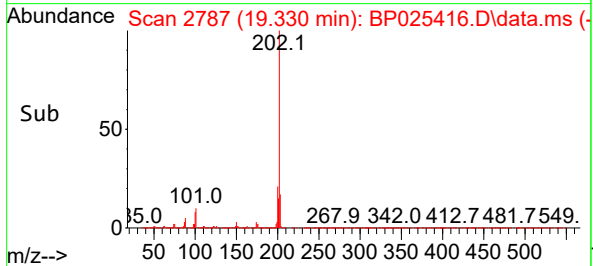
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



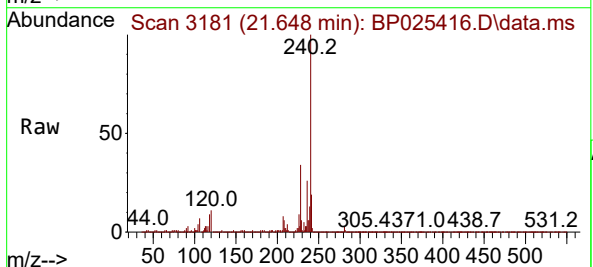
Tgt Ion:202 Resp: 255814
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.3 0.0 37.3

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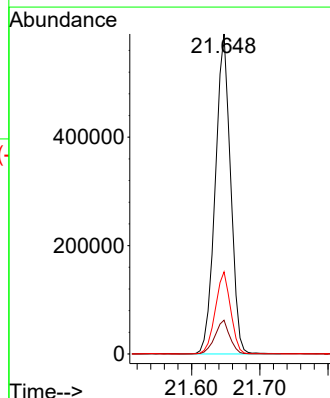
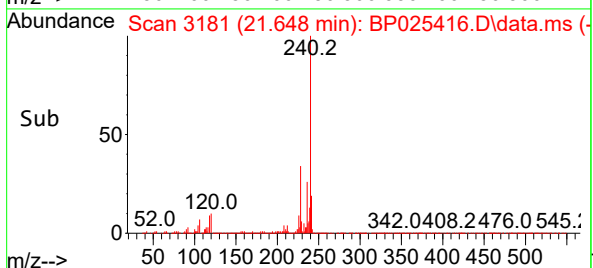
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

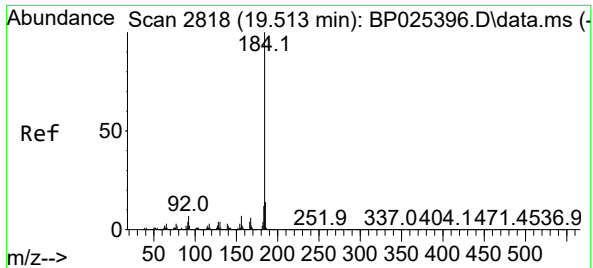


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



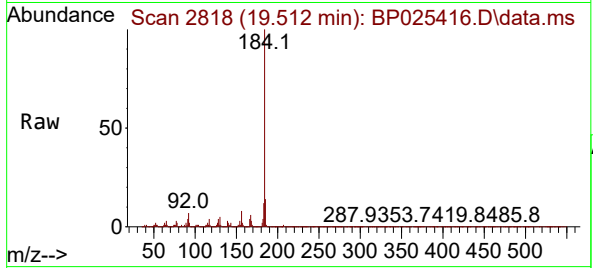
Tgt Ion:240 Resp: 921761
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 45.975 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

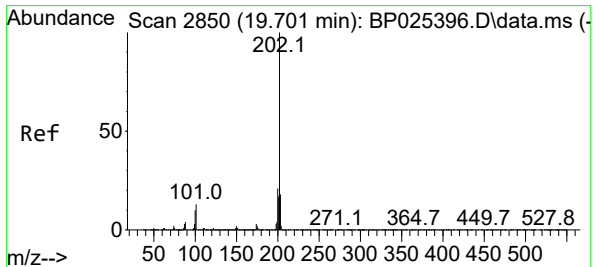
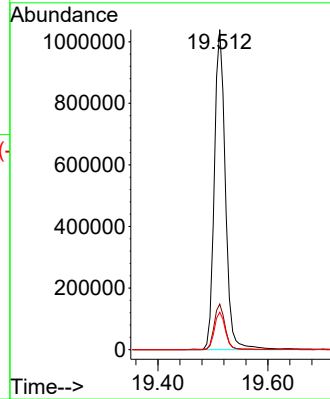
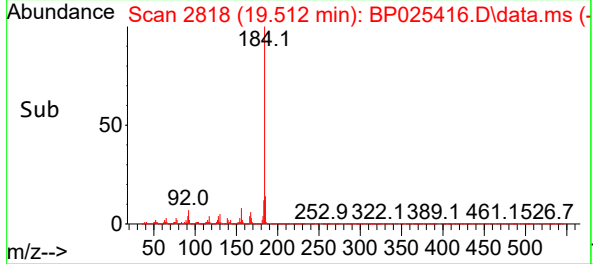
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion:184 Resp: 144626
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.7 9.4 14.2

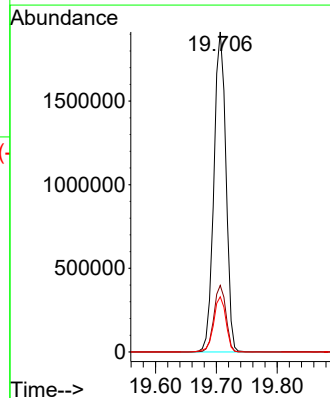
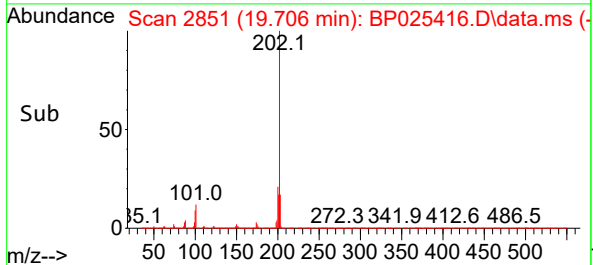
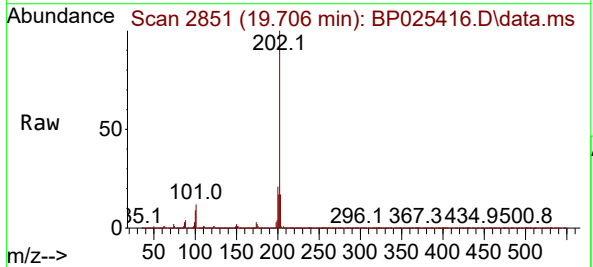
Manual Integrations
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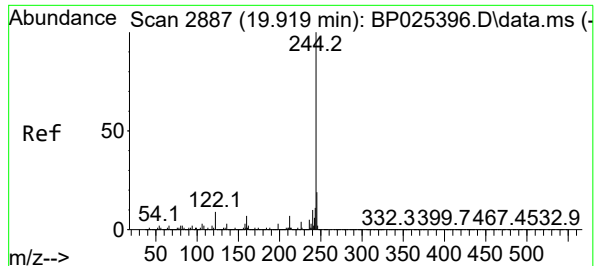
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 43.865 ng
RT: 19.706 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion:202 Resp: 2628017
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 48.846 ng

RT: 19.912 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:244 Resp: 2460920

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

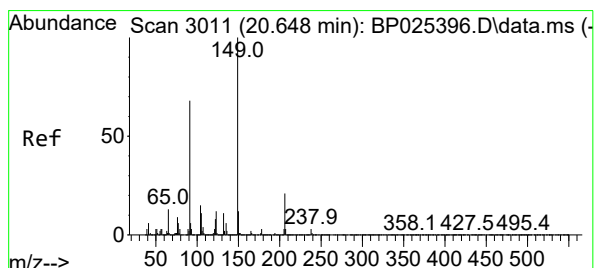
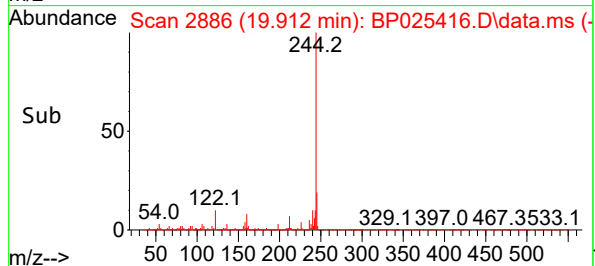
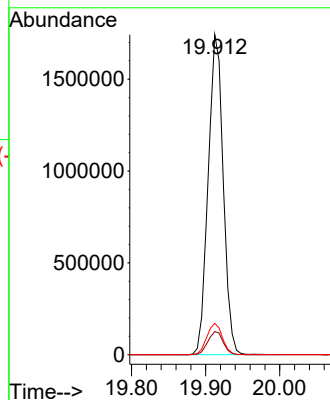
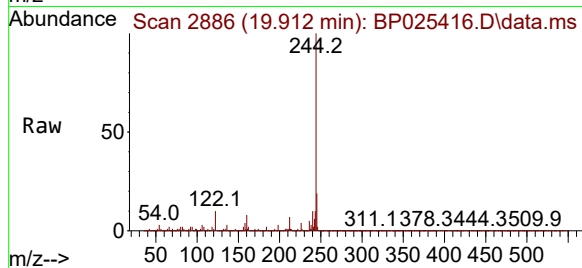
122 9.8 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#80

Butylbenzylphthalate

Concen: 47.155 ng

RT: 20.653 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

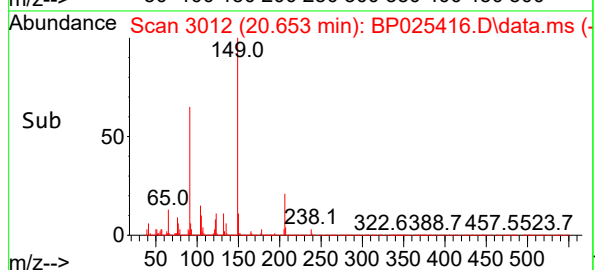
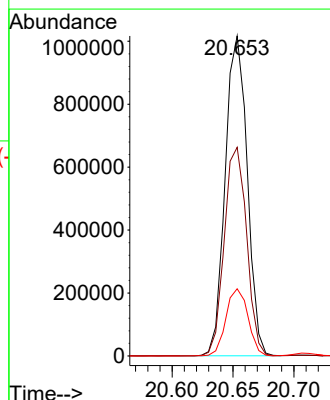
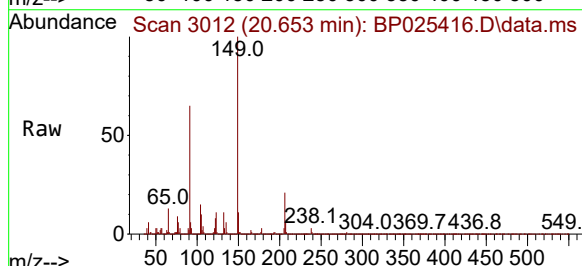
Tgt Ion:149 Resp: 1280380

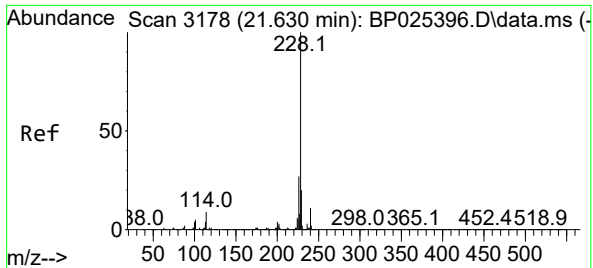
Ion Ratio Lower Upper

149 100

91 65.2 54.2 81.2

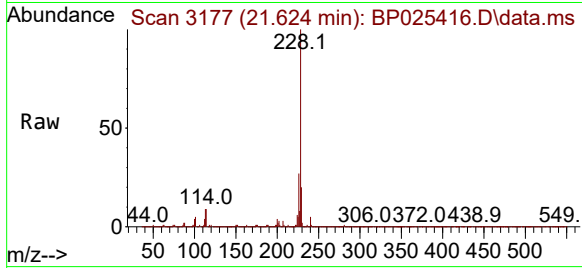
206 21.0 16.6 24.8





#81
Benzo(a)anthracene
Concen: 46.064 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

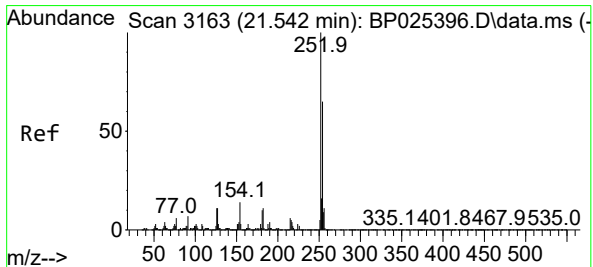
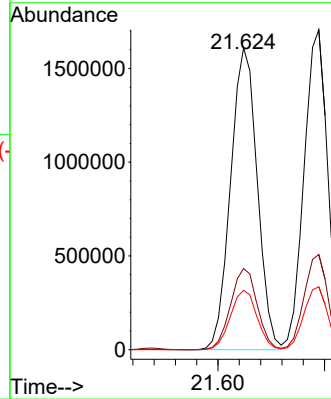
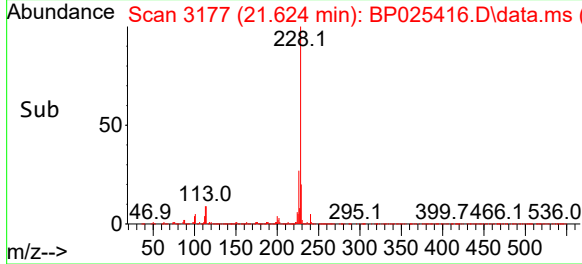
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



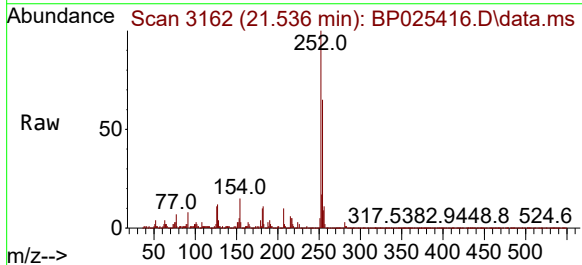
Tgt Ion:228 Resp: 280026
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.6 23.4

Manual Integrations
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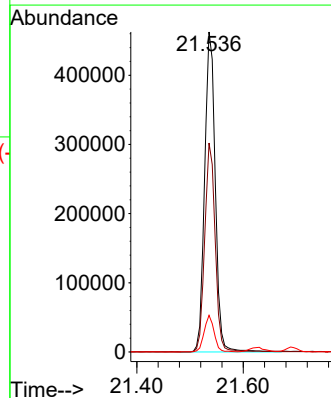
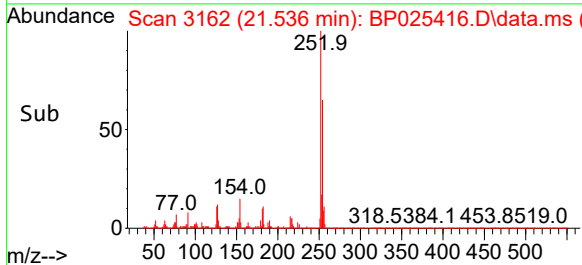
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

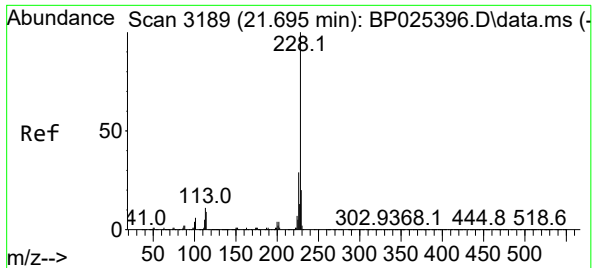


#82
3,3'-Dichlorobenzidine
Concen: 27.944 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion:252 Resp: 640279
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 11.4 9.1 13.7





#83

Chrysene

Concen: 46.284 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:228 Resp: 263496

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

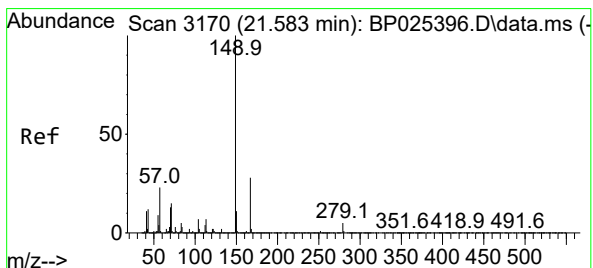
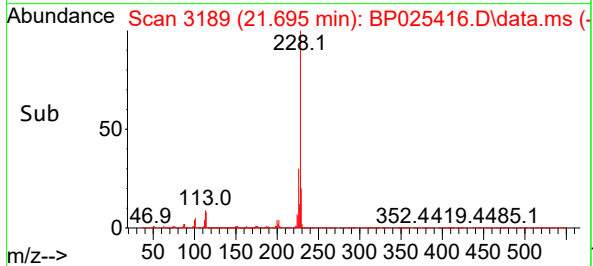
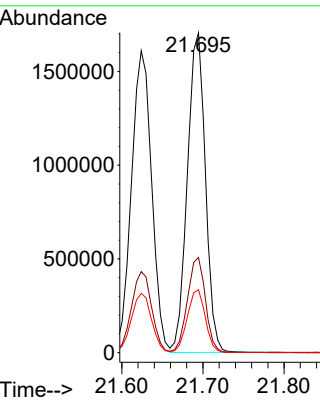
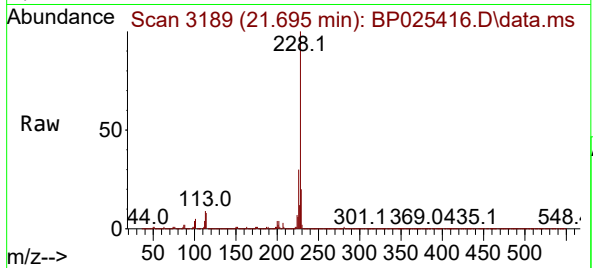
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.787 ng

RT: 21.565 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

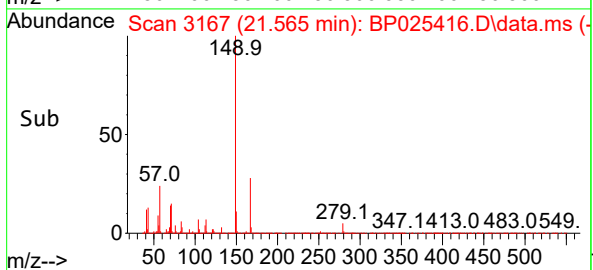
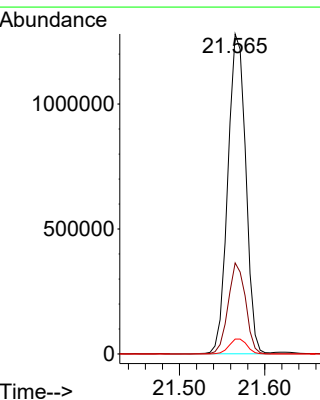
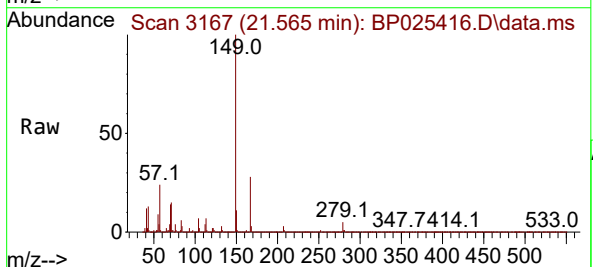
Tgt Ion:149 Resp: 1870070

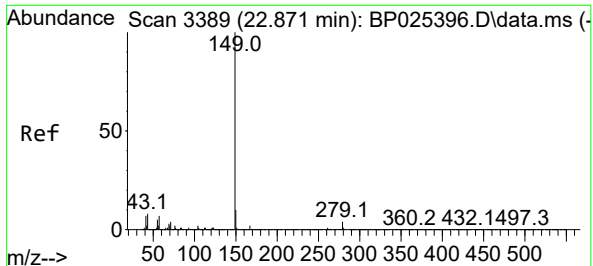
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 4.7 3.8 5.6





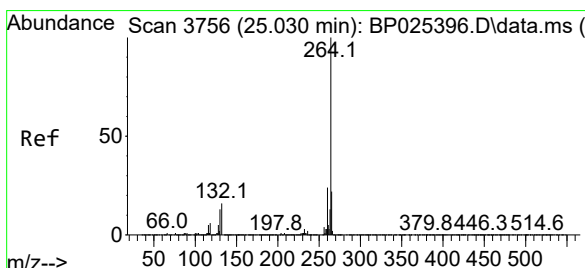
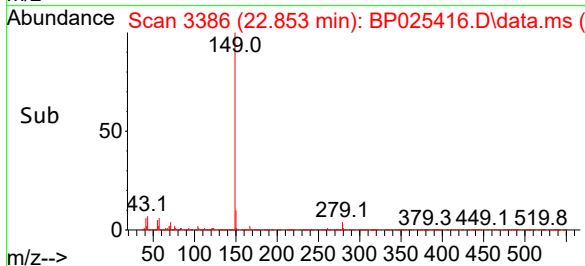
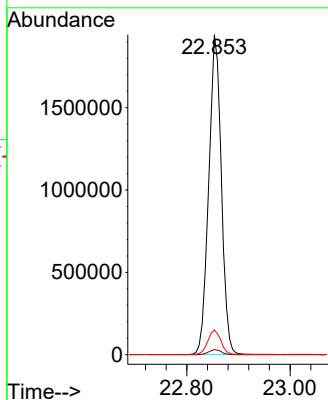
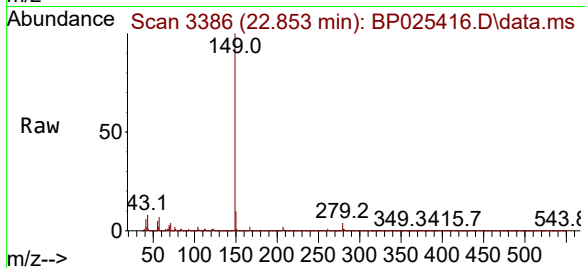
#85
Di-n-octyl phthalate
Concen: 47.830 ng
RT: 22.853 min Scan# 3389
Delta R.T. -0.018 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Tgt Ion:149 Resp: 3288310
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

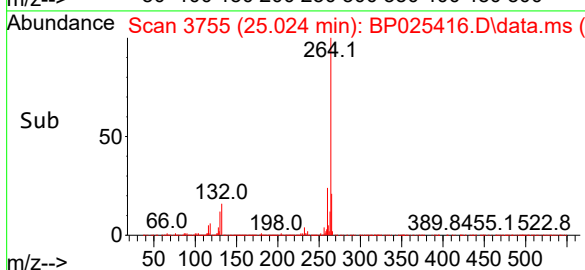
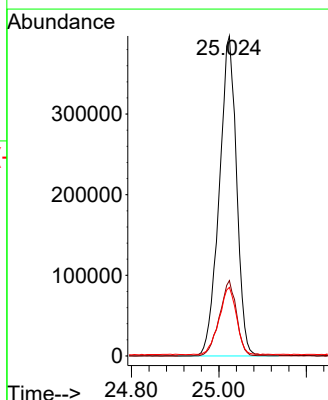
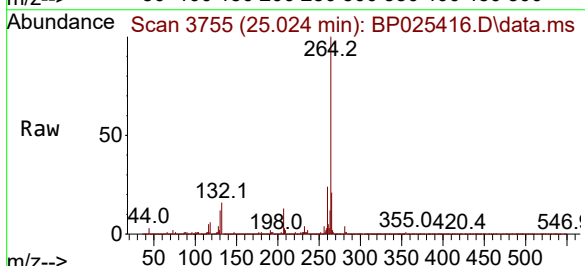
Manual Integrations
APPROVED

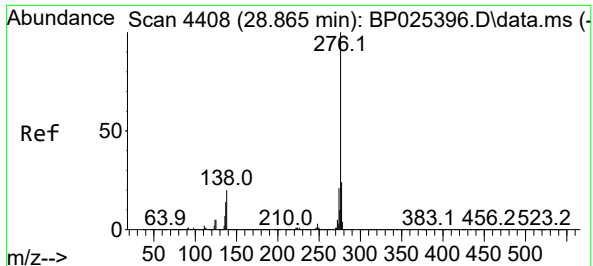
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

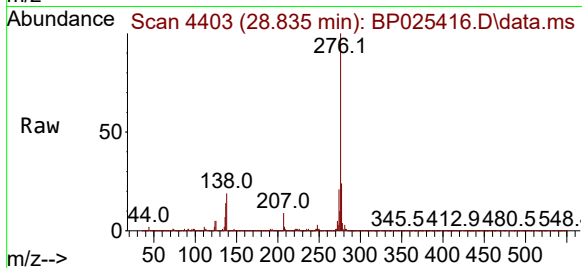
Tgt Ion:264 Resp: 1086411
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.019 ng m
RT: 28.835 min Scan# 4408
Delta R.T. -0.030 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

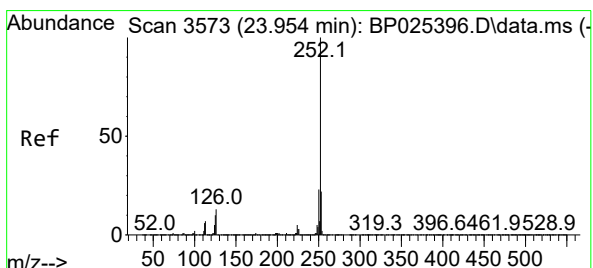
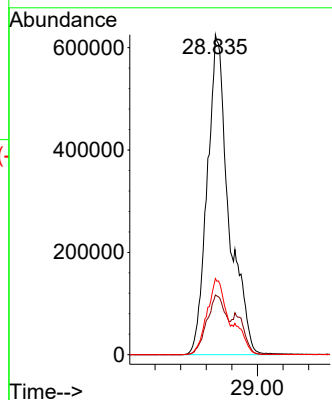
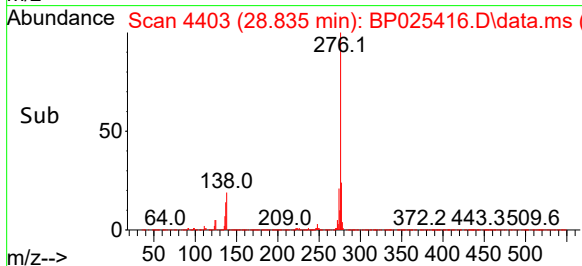
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



Tgt Ion: 276 Resp: 366649
Ion Ratio Lower Upper
276 100
138 16.6 12.9 19.3
277 21.0 17.0 25.6

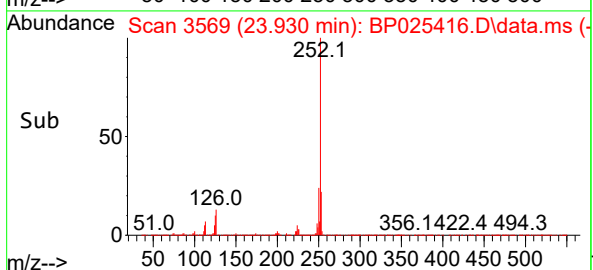
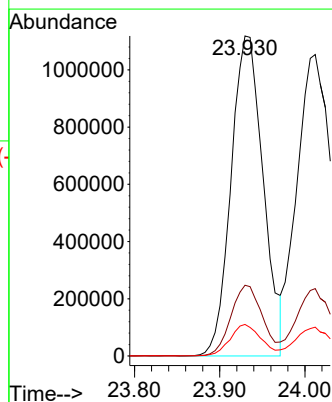
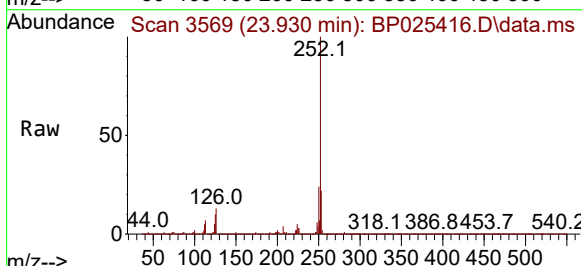
Manual Integrations
APPROVED

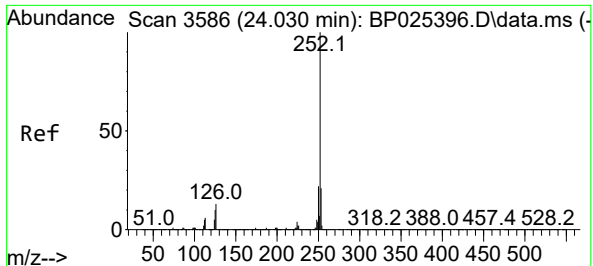
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 45.844 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.024 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

Tgt Ion: 252 Resp: 2936896
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.081 ng

RT: 24.012 min Scan# 3586

Delta R.T. -0.018 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

Instrument :

BNA_P

ClientSampleId :

88H-EMSD

Tgt Ion:252 Resp: 295408

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

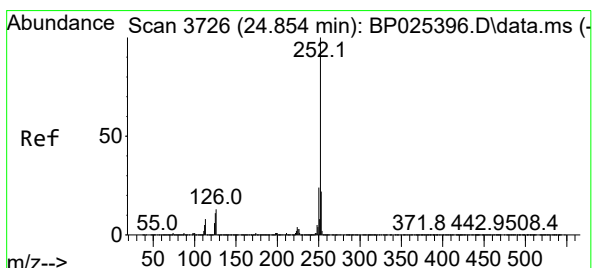
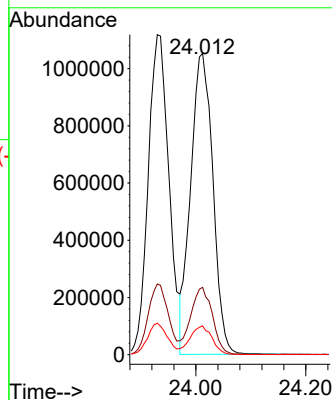
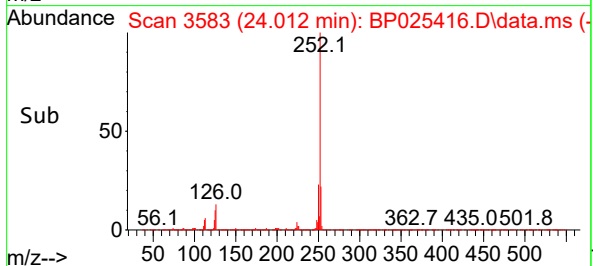
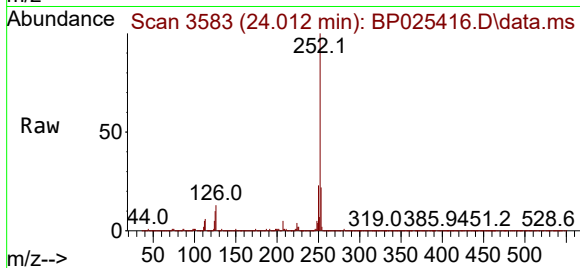
125 9.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 46.372 ng

RT: 24.853 min Scan# 3726

Delta R.T. -0.000 min

Lab File: BP025416.D

Acq: 15 Aug 2025 06:29

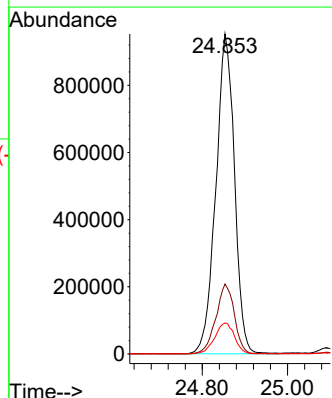
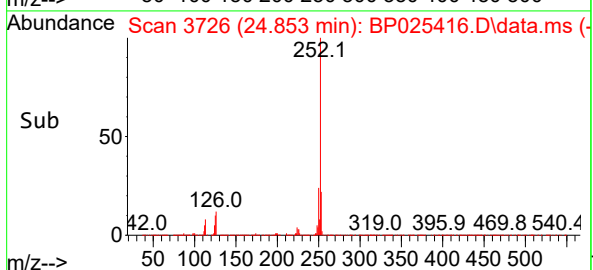
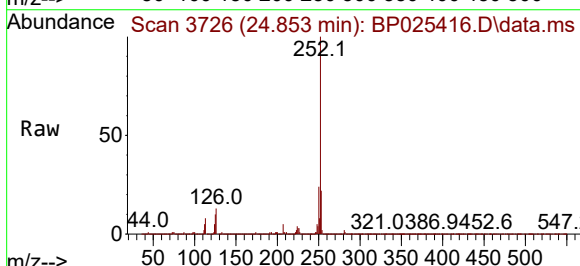
Tgt Ion:252 Resp: 2891770

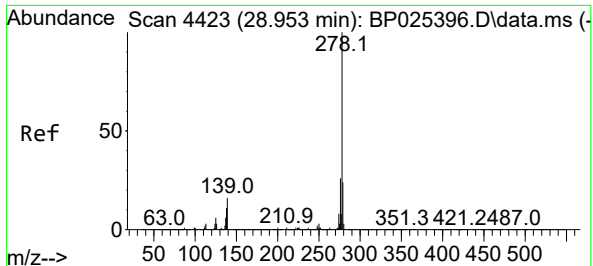
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

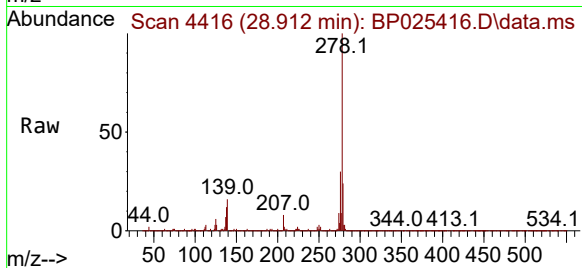
125 9.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 46.035 ng
RT: 28.912 min Scan# 4423
Delta R.T. -0.042 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29

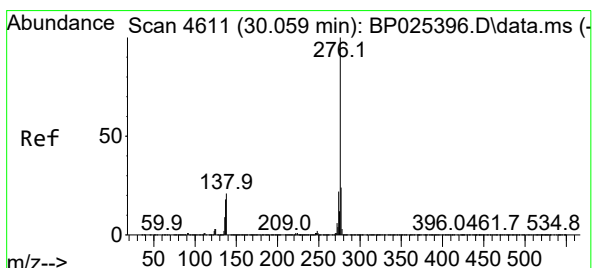
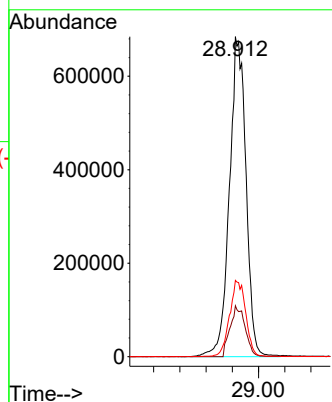
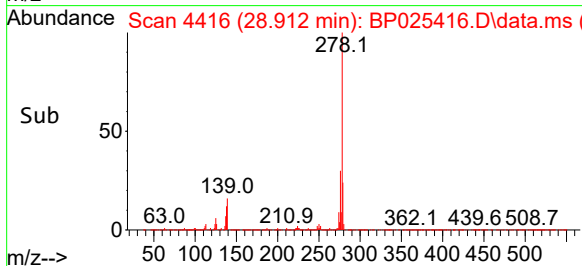
Instrument :
BNA_P
ClientSampleId :
88H-EMSD



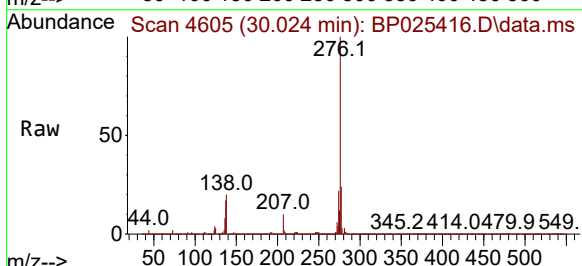
Tgt Ion: 278 Resp: 2997319
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.4
279 23.9 19.4 29.2

Manual Integrations
APPROVED

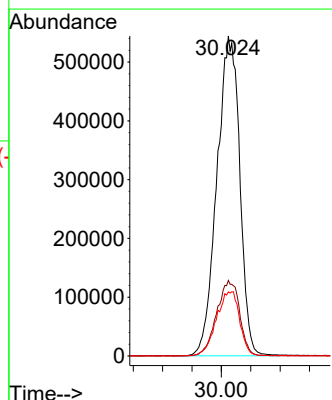
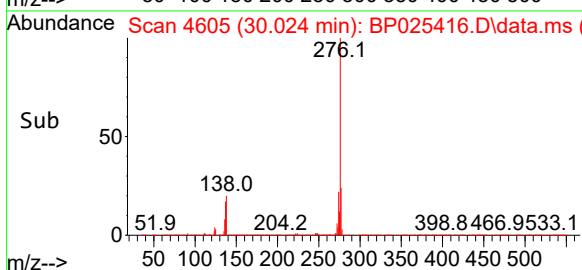
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 45.726 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.036 min
Lab File: BP025416.D
Acq: 15 Aug 2025 06:29



Tgt Ion: 276 Resp: 2926520
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 20.0 16.7 25.1



Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP081425

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
PB169228BS	BP025407.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:28 AM	Jagrut	8/15/2025 12:49:48 PM	Peak Integrated by Software
Q2820-17MS	BP025415.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:24 AM	Jagrut	8/15/2025 12:49:51 PM	Peak Integrated by Software
Q2820-17MSD	BP025416.D	Caprolactam	Rahul	8/15/2025 9:34:22 AM	Jagrut	8/15/2025 12:49:53 PM	Peak Integrated by Software
Q2820-17MSD	BP025416.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:22 AM	Jagrut	8/15/2025 12:49:53 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

bp081825

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025455.D	Acenaphthene	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software
SSTDCCC040	BP025455.D	Benzaldehyde	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software
Q2832-05	BP025467.D	Benzo(k)fluoranthene	Rahul	8/19/2025 8:33:49 AM	Jagrut	8/19/2025 8:39:07 AM	Peak Integrated by Software
Q2832-05	BP025467.D	Chrysene	Rahul	8/19/2025 8:33:49 AM	Jagrut	8/19/2025 8:39:07 AM	Peak Integrated by Software
Q2832-07	BP025468.D	Benzo(k)fluoranthene	Rahul	8/19/2025 8:33:52 AM	Jagrut	8/19/2025 8:39:10 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	bp082025	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025504.D	Benzoic acid	Rahul	8/21/2025 2:05:22 PM	mohammad	8/22/2025 8:27:03 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP082225	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025544.D	Indeno(1,2,3-cd)pyrene	rahul	8/25/2025 10:22:13 AM	Jagrut	8/25/2025 7:03:59 PM	Peak Integrated by Software
Q2832-01	BP025547.D	Benzo(k)fluoranthene	rahul	8/25/2025 10:22:17 AM	Jagrut	8/25/2025 7:04:01 PM	Peak Integrated by Software
Q2832-03	BP025548.D	Benzo(k)fluoranthene	rahul	8/25/2025 10:22:20 AM	Jagrut	8/25/2025 7:04:03 PM	Peak Integrated by Software

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM
SubDirectory	BP081825	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025454.D	18 Aug 2025 08:34	CG/JU	Ok
2	SSTDCCC040	BP025455.D	18 Aug 2025 10:39	CG/JU	Ok,M
3	PB169244BL	BP025456.D	18 Aug 2025 11:20	CG/JU	Ok
4	Q2838-05	BP025457.D	18 Aug 2025 12:06	CG/JU	Ok
5	Q2864-01	BP025458.D	18 Aug 2025 12:47	CG/JU	Ok
6	Q2838-01	BP025459.D	18 Aug 2025 13:28	CG/JU	Ok
7	Q2864-03	BP025460.D	18 Aug 2025 14:09	CG/JU	Ok
8	Q2877-01	BP025461.D	18 Aug 2025 14:50	CG/JU	Ok,M
9	Q2853-01	BP025462.D	18 Aug 2025 15:31	CG/JU	Ok
10	Q2883-01	BP025463.D	18 Aug 2025 16:13	CG/JU	Ok,M
11	Q2857-03	BP025464.D	18 Aug 2025 16:54	CG/JU	Ok,M
12	Q2876-01	BP025465.D	18 Aug 2025 17:35	CG/JU	Ok
13	Q2826-01	BP025466.D	18 Aug 2025 18:17	CG/JU	Ok
14	Q2832-05	BP025467.D	18 Aug 2025 18:58	CG/JU	Ok,M
15	Q2832-07	BP025468.D	18 Aug 2025 19:39	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP082025

Review By	Rahul	Review On	8/21/2025 3:04:18 PM
Supervise By	mohammad	Supervise On	8/22/2025 8:27:03 AM
SubDirectory	BP082025	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13171,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025503.D	20 Aug 2025 11:24	CG/JU	Ok
2	SSTDCCC040	BP025504.D	20 Aug 2025 12:05	CG/JU	Ok,M
3	PB169259BL	BP025505.D	20 Aug 2025 12:46	CG/JU	Not Ok
4	Q2888-01	BP025506.D	20 Aug 2025 13:30	CG/JU	Ok,M
5	Q2884-03	BP025507.D	20 Aug 2025 14:12	CG/JU	Ok
6	Q2884-01	BP025508.D	20 Aug 2025 14:53	CG/JU	Ok
7	Q2865-02	BP025509.D	20 Aug 2025 15:34	CG/JU	Ok,M
8	Q2889-01	BP025510.D	20 Aug 2025 16:15	CG/JU	Ok,M
9	DFTPP	BP025511.D	20 Aug 2025 17:04	CG/JU	Ok
10	SSTDCCC040	BP025512.D	20 Aug 2025 18:27	CG/JU	Ok
11	PB169259BL	BP025513.D	20 Aug 2025 19:08	CG/JU	Ok
12	PB169259BS	BP025514.D	20 Aug 2025 19:49	CG/JU	Ok
13	Q2819-03	BP025515.D	20 Aug 2025 20:30	CG/JU	Ok
14	Q2819-03MS	BP025516.D	20 Aug 2025 21:11	CG/JU	Ok,M
15	Q2819-03MSD	BP025517.D	20 Aug 2025 21:52	CG/JU	Ok,M
16	Q2819-09	BP025518.D	20 Aug 2025 22:32	CG/JU	Ok
17	Q2819-17	BP025519.D	20 Aug 2025 23:13	CG/JU	Ok
18	Q2819-17MS	BP025520.D	20 Aug 2025 23:54	CG/JU	Ok,M
19	Q2819-17MSD	BP025521.D	21 Aug 2025 00:35	CG/JU	Ok,M
20	Q2814-18RE	BP025522.D	21 Aug 2025 01:15	CG/JU	Confirms
21	Q2820-23	BP025523.D	21 Aug 2025 01:56	CG/JU	Ok

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP082025

Review By	Rahul	Review On	8/21/2025 3:04:18 PM
Supervise By	mohammad	Supervise On	8/22/2025 8:27:03 AM
SubDirectory	BP082025	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13171,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2819-02	BP025524.D	21 Aug 2025 02:37	CG/JU	Ok
23	Q2815-10	BP025525.D	21 Aug 2025 03:18	CG/JU	Ok
24	SSTDCCC040	BP025526.D	21 Aug 2025 03:59	CG/JU	Ok
25	DFTPP	BP025527.D	21 Aug 2025 06:01	CG/JU	Ok
26	SSTDCCC040	BP025528.D	21 Aug 2025 06:42	CG/JU	Ok
27	PB169285BL	BP025529.D	21 Aug 2025 07:23	CG/JU	Ok
28	PB169285BS	BP025530.D	21 Aug 2025 08:03	CG/JU	Ok,M
29	Q2873-01	BP025531.D	21 Aug 2025 08:44	CG/JU	Ok
30	Q2873-01MS	BP025532.D	21 Aug 2025 09:25	CG/JU	Ok,M
31	Q2873-01MSD	BP025533.D	21 Aug 2025 10:06	CG/JU	Ok,M
32	Q2819-10	BP025534.D	21 Aug 2025 10:50	CG/JU	ReRun
33	Q2819-11	BP025535.D	21 Aug 2025 11:31	CG/JU	ReRun
34	Q2819-12	BP025536.D	21 Aug 2025 12:12	CG/JU	Ok
35	Q2832-09	BP025537.D	21 Aug 2025 12:53	CG/JU	Ok
36	Q2897-01	BP025538.D	21 Aug 2025 13:34	CG/JU	Ok,M
37	Q2819-04	BP025539.D	21 Aug 2025 14:15	CG/JU	ReRun
38	Q2819-16	BP025540.D	21 Aug 2025 14:56	CG/JU	Ok
39	Q2820-15	BP025541.D	21 Aug 2025 15:37	CG/JU	Ok
40	SSTDCCC040	BP025542.D	21 Aug 2025 17:11	CG/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM
SubDirectory	BP082225	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13171,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025543.D	22 Aug 2025 10:08	CG/JU	Ok
2	SSTDCCC040	BP025544.D	22 Aug 2025 10:49	CG/JU	Ok,M
3	PB169346BL	BP025545.D	22 Aug 2025 12:06	CG/JU	Ok
4	PB169346BS	BP025546.D	22 Aug 2025 12:47	CG/JU	Ok
5	Q2832-01	BP025547.D	22 Aug 2025 13:32	CG/JU	Ok,M
6	Q2832-03	BP025548.D	22 Aug 2025 14:13	CG/JU	Ok,M
7	Q2903-11	BP025549.D	22 Aug 2025 14:54	CG/JU	Ok
8	Q2916-01	BP025550.D	22 Aug 2025 15:35	CG/JU	Ok
9	Q2936-04	BP025551.D	22 Aug 2025 16:17	CG/JU	Ok
10	Q2924-10	BP025552.D	22 Aug 2025 16:58	CG/JU	Ok
11	Q2934-01	BP025553.D	22 Aug 2025 17:39	CG/JU	Ok
12	Q2934-02	BP025554.D	22 Aug 2025 18:20	CG/JU	Ok
13	Q2934-03	BP025555.D	22 Aug 2025 19:02	CG/JU	Ok
14	Q2934-04	BP025556.D	22 Aug 2025 19:43	CG/JU	Ok
15	Q2917-01	BP025557.D	22 Aug 2025 20:24	CG/JU	Ok,M
16	Q2919-01	BP025558.D	22 Aug 2025 21:05	CG/JU	Ok,M
17	Q2909-01	BP025559.D	22 Aug 2025 21:46	CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6836 S13170,10ul/1000ul sample SP6770

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13170,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM
SubDirectory	BP081825	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025454.D	18 Aug 2025 08:34		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025455.D	18 Aug 2025 10:39		CG/JU	Ok,M
3	PB169244BL	PB169244BL	BP025456.D	18 Aug 2025 11:20	End CCC missing.- Use for Non-DOD Projects.	CG/JU	Ok
4	Q2838-05	TP-10	BP025457.D	18 Aug 2025 12:06		CG/JU	Ok
5	Q2864-01	LAW-25-122-126	BP025458.D	18 Aug 2025 12:47		CG/JU	Ok
6	Q2838-01	TP-11	BP025459.D	18 Aug 2025 13:28		CG/JU	Ok
7	Q2864-03	LAW-25-113-121	BP025460.D	18 Aug 2025 14:09		CG/JU	Ok
8	Q2877-01	EO-02-08142025	BP025461.D	18 Aug 2025 14:50		CG/JU	Ok,M
9	Q2853-01	TR-05-081325	BP025462.D	18 Aug 2025 15:31		CG/JU	Ok
10	Q2883-01	RBR2520553	BP025463.D	18 Aug 2025 16:13		CG/JU	Ok,M
11	Q2857-03	72-12002	BP025464.D	18 Aug 2025 16:54		CG/JU	Ok,M
12	Q2876-01	CL-02-08142025	BP025465.D	18 Aug 2025 17:35		CG/JU	Ok
13	Q2826-01	WC1	BP025466.D	18 Aug 2025 18:17		CG/JU	Ok
14	Q2832-05	TG-S03	BP025467.D	18 Aug 2025 18:58		CG/JU	Ok,M
15	Q2832-07	TG-S04	BP025468.D	18 Aug 2025 19:39		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082025

Review By	Rahul	Review On	8/21/2025 3:04:18 PM
Supervise By	mohammad	Supervise On	8/22/2025 8:27:03 AM
SubDirectory	BP082025	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6836 S13171,10ul/1000ul sample SP6770

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025503.D	20 Aug 2025 11:24		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025504.D	20 Aug 2025 12:05		CG/JU	Ok,M
3	PB169259BL	PB169259BL	BP025505.D	20 Aug 2025 12:46	Analyzed for contamination check	CG/JU	Not Ok
4	Q2888-01	VNJ-210	BP025506.D	20 Aug 2025 13:30		CG/JU	Ok,M
5	Q2884-03	302	BP025507.D	20 Aug 2025 14:12		CG/JU	Ok
6	Q2884-01	VNJ-232	BP025508.D	20 Aug 2025 14:53		CG/JU	Ok
7	Q2865-02	ARS10-0047	BP025509.D	20 Aug 2025 15:34		CG/JU	Ok,M
8	Q2889-01	PL-02-081525	BP025510.D	20 Aug 2025 16:15		CG/JU	Ok,M
9	DFTPP	DFTPP	BP025511.D	20 Aug 2025 17:04		CG/JU	Ok
10	SSTDCCC040	SSTDCCC040	BP025512.D	20 Aug 2025 18:27		CG/JU	Ok
11	PB169259BL	PB169259BL	BP025513.D	20 Aug 2025 19:08		CG/JU	Ok
12	PB169259BS	PB169259BS	BP025514.D	20 Aug 2025 19:49		CG/JU	Ok
13	Q2819-03	22BP-W	BP025515.D	20 Aug 2025 20:30		CG/JU	Ok
14	Q2819-03MS	22BP-WMS	BP025516.D	20 Aug 2025 21:11		CG/JU	Ok,M
15	Q2819-03MSD	22BP-WMSD	BP025517.D	20 Aug 2025 21:52		CG/JU	Ok,M
16	Q2819-09	84SB-E	BP025518.D	20 Aug 2025 22:32		CG/JU	Ok
17	Q2819-17	38M-N	BP025519.D	20 Aug 2025 23:13		CG/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082025

Review By	Rahul	Review On	8/21/2025 3:04:18 PM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:03 AM		
SubDirectory	BP082025	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13171,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2819-17MS	38M-NMS	BP025520.D	20 Aug 2025 23:54		CG/JU	Ok,M
19	Q2819-17MSD	38M-NMSD	BP025521.D	21 Aug 2025 00:35		CG/JU	Ok,M
20	Q2814-18RE	TW-518R-NRE	BP025522.D	21 Aug 2025 01:15	Surrogate Fail	CG/JU	Confirms
21	Q2820-23	22M-E	BP025523.D	21 Aug 2025 01:56		CG/JU	Ok
22	Q2819-02	22BP-E	BP025524.D	21 Aug 2025 02:37		CG/JU	Ok
23	Q2815-10	TW-88H-S	BP025525.D	21 Aug 2025 03:18		CG/JU	Ok
24	SSTDCCC040	SSTDCCC040EC	BP025526.D	21 Aug 2025 03:59		CG/JU	Ok
25	DFTPP	DFTPP	BP025527.D	21 Aug 2025 06:01		CG/JU	Ok
26	SSTDCCC040	SSTDCCC040	BP025528.D	21 Aug 2025 06:42		CG/JU	Ok
27	PB169285BL	PB169285BL	BP025529.D	21 Aug 2025 07:23		CG/JU	Ok
28	PB169285BS	PB169285BS	BP025530.D	21 Aug 2025 08:03		CG/JU	Ok,M
29	Q2873-01	DRILL CUTTING 1-3 C	BP025531.D	21 Aug 2025 08:44		CG/JU	Ok
30	Q2873-01MS	DRILL CUTTING 1-3 C	BP025532.D	21 Aug 2025 09:25		CG/JU	Ok,M
31	Q2873-01MSD	DRILL CUTTING 1-3 C	BP025533.D	21 Aug 2025 10:06		CG/JU	Ok,M
32	Q2819-10	84SB-S	BP025534.D	21 Aug 2025 10:50	Surrogate Fail	CG/JU	ReRun
33	Q2819-11	84SB-W	BP025535.D	21 Aug 2025 11:31	Surrogate Fail	CG/JU	ReRun
34	Q2819-12	17M-S	BP025536.D	21 Aug 2025 12:12		CG/JU	Ok
35	Q2832-09	TG-S05	BP025537.D	21 Aug 2025 12:53		CG/JU	Ok
36	Q2897-01	HD-02-08182025	BP025538.D	21 Aug 2025 13:34		CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082025

Review By	Rahul	Review On	8/21/2025 3:04:18 PM		
Supervise By	mohammad	Supervise On	8/22/2025 8:27:03 AM		
SubDirectory	BP082025	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q2819-04	22BP-S	BP025539.D	21 Aug 2025 14:15	Surrogate Fail	CG/JU	ReRun
38	Q2819-16	38M-S	BP025540.D	21 Aug 2025 14:56		CG/JU	Ok
39	Q2820-15	10P-S	BP025541.D	21 Aug 2025 15:37		CG/JU	Ok
40	SSTDCCC040	SSTDCCC040EC	BP025542.D	21 Aug 2025 17:11		CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082225

Review By	rahul	Review On	8/25/2025 10:24:30 AM
Supervise By	Jagrut	Supervise On	8/25/2025 7:04:22 PM
SubDirectory	BP082225	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025543.D	22 Aug 2025 10:08		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025544.D	22 Aug 2025 10:49		CG/JU	Ok,M
3	PB169346BL	PB169346BL	BP025545.D	22 Aug 2025 12:06		CG/JU	Ok
4	PB169346BS	PB169346BS	BP025546.D	22 Aug 2025 12:47		CG/JU	Ok
5	Q2832-01	TG-S01	BP025547.D	22 Aug 2025 13:32		CG/JU	Ok,M
6	Q2832-03	TG-S02	BP025548.D	22 Aug 2025 14:13		CG/JU	Ok,M
7	Q2903-11	MW-18A-081925	BP025549.D	22 Aug 2025 14:54		CG/JU	Ok
8	Q2916-01	EO-03-08202025	BP025550.D	22 Aug 2025 15:35		CG/JU	Ok
9	Q2936-04	FB-02-082125	BP025551.D	22 Aug 2025 16:17		CG/JU	Ok
10	Q2924-10	MW-8A-082025	BP025552.D	22 Aug 2025 16:58		CG/JU	Ok
11	Q2934-01	ENV-SW01	BP025553.D	22 Aug 2025 17:39		CG/JU	Ok
12	Q2934-02	ENV-SW02	BP025554.D	22 Aug 2025 18:20		CG/JU	Ok
13	Q2934-03	ENV-SW03	BP025555.D	22 Aug 2025 19:02		CG/JU	Ok
14	Q2934-04	ENV-SW04	BP025556.D	22 Aug 2025 19:43		CG/JU	Ok
15	Q2917-01	OR-02-082025	BP025557.D	22 Aug 2025 20:24		CG/JU	Ok,M
16	Q2919-01	OK-02-08202025	BP025558.D	22 Aug 2025 21:05		CG/JU	Ok,M
17	Q2909-01	4065	BP025559.D	22 Aug 2025 21:46		CG/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC:LB136783

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
Q2732-02	WC-A7-01-C	74	1.15	10.37	11.52	11.18	96.7	
Q2819-01	22BP-N	1	1.15	10.16	11.31	9.57	82.9	
Q2819-02	22BP-E	2	1.16	10.67	11.83	10.3	85.7	
Q2819-03	22BP-W	3	1.16	10.83	11.99	10.45	85.8	
Q2819-04	22BP-S	4	1.15	9.96	11.11	9.92	88.1	
Q2819-05	11M-W	5	1.14	10.45	11.59	10.7	91.5	
Q2819-06	11M-S	6	1.16	10.83	11.99	10.96	90.5	
Q2819-07	11M-N	7	1.16	10.81	11.97	9.37	75.9	
Q2819-08	11M-E	8	1.17	10.27	11.44	8.54	71.8	
Q2819-09	84SB-E	9	1.13	10.62	11.75	5.12	37.6	
Q2819-10	84SB-S	10	1.18	10.11	11.29	10.51	92.3	
Q2819-11	84SB-W	11	1.14	10.14	11.28	9.94	86.8	
Q2819-12	17M-S	12	1.19	10.66	11.85	11.15	93.4	
Q2819-13	17M-E	13	1.17	10.38	11.55	9.86	83.7	
Q2819-14	17M-W	14	1.15	10.46	11.61	10.1	85.6	
Q2819-15	17M-N	15	1.15	10.57	11.72	9.96	83.3	
Q2819-16	38M-S	16	1.15	10.77	11.92	11.1	92.4	
Q2819-17	38M-N	17	1.16	10.41	11.57	10.27	87.5	
Q2819-18	38M-W	18	1.14	10.66	11.8	10.34	86.3	
Q2819-19	38M-E	19	1.13	10.13	11.26	10.02	87.8	
Q2819-20	82H-E	20	1.17	10.64	11.81	9.38	77.2	
Q2820-01	82H-S	21	1.16	10.76	11.92	10.04	82.5	
Q2820-02	82H-W	22	1.15	11.21	12.36	10.51	83.5	
Q2820-03	82H-N	23	1.16	11.14	12.3	10.9	87.4	
Q2820-04	SOIL-DUP-1	24	1.16	10.83	11.99	10.56	86.8	
Q2820-05	518R-E	25	1.16	10.40	11.56	6.23	48.8	
Q2820-06	518R-N	26	1.18	10.55	11.73	9.35	77.4	
Q2820-07	518R-S	27	1.17	10.52	11.69	9.44	78.6	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC:LB136783

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
Q2820-08	518R-W	28	1.13	10.80	11.93	10.74	89.0	
Q2820-09	705R-S	29	1.14	10.59	11.73	7.05	55.8	
Q2820-10	SOIL-DUP-2	30	1.15	10.87	12.02	6.41	48.4	
Q2820-11	10PC-W	31	1.11	10.25	11.36	10.58	92.4	
Q2820-12	10PC-S	32	1.19	10.52	11.71	10.88	92.1	
Q2820-13	10P-W	33	1.14	10.09	11.23	10.34	91.2	
Q2820-14	10P-E	34	1.19	10.37	11.56	9.62	81.3	
Q2820-15	10P-S	35	1.18	10.21	11.39	10.22	88.5	
Q2820-16	10P-N	36	1.11	10.09	11.2	9.81	86.2	
Q2820-17	88H-E	37	1.16	10.42	11.58	9.77	82.6	
Q2820-18	88H-N	38	1.16	10.90	12.06	10.57	86.3	
Q2820-19	88H-W	39	1.18	10.66	11.84	10.62	88.6	
Q2820-20	88H-S	40	1.18	10.12	11.3	9.74	84.6	
Q2820-21	22M-N	41	1.14	11.06	12.2	11.34	92.2	
Q2820-22	22M-W	42	1.17	10.90	12.07	6.94	52.9	
Q2820-23	22M-E	43	1.17	10.27	11.44	4.66	34.0	
Q2820-24	22M-S	44	1.13	10.68	11.81	10.63	89.0	
Q2832-01	TG-S01	45	1.15	10.46	11.61	10.92	93.4	
Q2832-03	TG-S02	46	1.18	10.41	11.59	10.97	94.0	
Q2832-05	TG-S03	47	1.15	10.50	11.65	11.00	93.8	
Q2832-07	TG-S04	48	1.17	10.58	11.75	11.02	93.1	
Q2832-09	TG-S05	49	1.15	10.40	11.55	10.6	90.9	
Q2836-02	WC-A2-15-C	75	1.18	10.38	11.56	9.67	81.8	
Q2836-06	WC-A2-16-C	76	1.19	10.43	11.62	10.66	90.8	
Q2836-10	WC-A2-17-C	77	1.19	10.48	11.67	10.96	93.2	
Q2836-14	WC-A5-02-C	78	1.19	10.17	11.36	8.8	74.8	
Q2838-01	TP-11	50	1.14	10.60	11.74	10.44	87.7	
Q2838-02	TP-11-EPH	51	1.14	10.85	11.99	9.57	77.7	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC:LB136783

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
Q2838-03	TP-11-VOC	52	1.19	11.24	12.43	9.97	78.1	
Q2838-05	TP-10	53	1.14	11.08	12.22	10.75	86.7	
Q2838-06	TP-10-EPH	54	1.18	10.42	11.6	7.63	61.9	
Q2838-07	TP-10-VOC	55	1.18	10.50	11.68	8.68	71.4	
Q2839-01	BC274436-1-1	56	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-02	BC274436-1-2	57	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-03	BC151973-1-1	58	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-04	BC151973-1-2	59	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-05	BC271336-1-1	60	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-06	BC271336-1-2	61	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-07	BC271242-1-1	62	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-08	BC271242-1-2	63	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-09	BC271242-2-1	64	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-10	BC271242-2-2	65	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-11	BC226751-1-1	66	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-12	BC226751-1-2	67	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-13	BC226751-2-1	68	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-14	BC226751-2-2	69	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-15	JEC773V-1-1	70	1.00	1.00	2.00	2.00	100.0	PILC
Q2839-16	JEC773V-1-2	71	1.00	1.00	2.00	2.00	100.0	PILC
Q2840-01	0804-SOIL	72	1.12	11.32	12.44	10.42	82.2	
Q2840-02	0804-D	73	1.00	1.00	2.00	2.00	100.0	debris

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136783

WorkList Name : %1-081225

WorkList ID : 191210

Department : Wet-Chemistry

Date : 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2820-06	518R-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-07	518R-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-08	518R-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-09	705R-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-10	SOIL-DUP-2	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2819-19	38M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-20	82H-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-01	82H-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-02	82H-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-03	82H-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2820-04	SOIL-DUP-1	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-13	17M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-14	17M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-15	17M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-16	38M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-17	38M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-18	38M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/06/2025	Chemtech -SO
Q2819-07	11M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-08	11M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-09	84SB-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-10	84SB-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO

Date/Time 08/12/25 15:40
 Raw Sample Received by: SP WCL
 Raw Sample Relinquished by: SP WCL

Date/Time

08/12/25

Raw Sample Received by:

SP WCL

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

136783

WorkList Name : %1-081225

WorkList ID : 191210

Department : Wet-Chemistry

Date : 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2819-01	22BP-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-02	22BP-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-03	22BP-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-04	22BP-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/04/2025	Chemtech -SO
Q2819-05	11M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-06	11M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2820-23	22M-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2820-24	22M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-17	88H-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-18	88H-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-19	88H-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-20	88H-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-21	22M-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-22	22M-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/08/2025	Chemtech -SO
Q2820-11	10PC-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-12	10PC-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-13	10P-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-14	10P-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-15	10P-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-16	10P-N	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO
Q2820-05	518R-E	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/07/2025	Chemtech -SO

Date/Time 08/12/25 15:00

Raw Sample Received by: 80 WSC

Raw Sample Relinquished by: [Signature]

Date/Time 08/12/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: 80 WSC

WORKLIST(Hardcopy Internal Chain)

136783

WorkList Name : %1-081225 WorkList ID : 191210 Department : Wet-Chemistry Date : 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2839-04	BC151973-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-05	BC271336-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-06	BC271336-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-07	BC271242-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-08	BC271242-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-09	BC271242-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-10	BC271242-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-11	BC226751-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-12	BC226751-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-13	BC226751-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-14	BC226751-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-15	JEC773V-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-16	JEC773V-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2840-01	0804-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/12/2025	Chemtech -SO
Q2840-02	0804-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/12/2025	Chemtech -SO

Date/Time 08/12/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 08/12/25 17:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

W 131783

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-081225 WorkList ID : 191210 Department : Wet-Chemistry Date : 08-12-2025 07:56:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2819-11	84SB-W	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2819-12	17M-S	Solid	Percent Solids	Cool 4 deg C	FIRS02	D31	08/05/2025	Chemtech -SO
Q2832-01	TG-S01	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2732-02	WC-A7-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J21	08/12/2025	Chemtech -SO
Q2832-03	TG-S02	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-05	TG-S03	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-07	TG-S04	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/11/2025	Chemtech -SO
Q2832-09	TG-S05	Solid	Percent Solids	Cool 4 deg C	PORT06	J21	08/12/2025	Chemtech -SO
Q2836-02	WC-A2-15-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-06	WC-A2-16-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-10	WC-A2-17-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2836-14	WC-A5-02-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	J23	08/12/2025	Chemtech -SO
Q2838-01	TP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-02	TP-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-03	TP-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2838-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/12/2025	Chemtech -SO
Q2839-01	BC274436-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-02	BC274436-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO
Q2839-03	BC151973-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	08/12/2025	Chemtech -SO

Date/Time 08/12/25 15:00 Date/Time 08/12/25 17:35
 Raw Sample Received by: SP WCY Raw Sample Received by: CP SM
 Raw Sample Relinquished by: CP SM Raw Sample Relinquished by: SP WCY

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 08/13/2025

Matrix : Solid

Extraction Start Time : 09:05

Weigh By: RJ

Extraction By: RJ

Extraction End Date : 08/13/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 12:15

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: RS

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
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 Vail Lot # 2210443.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/13/25	RS (Ext Lab)	Relsvoc
12:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/13/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169228BL	SBLK228	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPEsh	1			U1-1
PB169228BS	SLCS228	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPEsh	1			2
Q2820-10	SOIL-DUP-2	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPEsh	1	E		3
Q2820-11	10PC-W	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPEsh	1	E		4
Q2820-12	10PC-S	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPEsh	1	E		5
Q2820-13	10P-W	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPEsh	1	E		6
Q2820-14	10P-E	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPEsh	1	E		U2-1
Q2820-15	10P-S	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPEsh	1	E		2
Q2820-16	10P-N	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPEsh	1	E		3
Q2820-17	88H-E	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPEsh	1	E		4
Q2820-17MS	88H-EMS	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPEsh	1	E		5
Q2820-17MS D	88H-EMSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPEsh	1	E		6
Q2820-18	88H-N	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPEsh	1	E		U3-1
Q2820-19	88H-W	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPEsh	1	E		2
Q2820-20	88H-S	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPEsh	1	E		3
Q2820-21	22M-N	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPEsh	1	E		4
Q2820-22	22M-W	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPEsh	1	E		5
Q2832-01	TG-S01	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPEsh	1	F		6
Q2832-03	TG-S02	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPEsh	1	F		U6-1
Q2832-05	TG-S03	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPEsh	1	F		2
Q2832-07	TG-S04	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPEsh	1	F		3
Q2832-09	TG-S05	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPEsh	1	F		4
Q2838-01	TP-11	SVOC-TCL BNA -20	50.02	N/A	ritesh	RUPEsh	1	B		5
Q2838-05	TP-10	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPEsh	1	B		6

* Extracts relinquished on the same date as received.

R1
8/13

169228
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3820 WorkList ID : 191244 Department : Extraction Date : 08-13-2025 08:33:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2820-10	SOIL-DUP-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-11	10PC-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-12	10PC-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-13	10P-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-14	10P-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-15	10P-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-16	10P-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-17	88H-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2820-18	88H-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2820-19	88H-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2820-20	88H-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2820-21	22M-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2820-22	22M-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/08/2025	8270E
Q2832-01	TG-S01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	J21	08/11/2025	8270E
Q2832-03	TG-S02	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	J21	08/11/2025	8270E
Q2832-05	TG-S03	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	J21	08/11/2025	8270E
Q2832-07	TG-S04	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	J21	08/11/2025	8270E
Q2832-09	TG-S05	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	J21	08/12/2025	8270E
Q2838-01	TP-11	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/12/2025	8270E
Q2838-05	TP-10	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/12/2025	8270E

Date/Time 08/13/25 9:00
Raw Sample Received by: RSC (CL-1046)
Raw Sample Relinquished by: CL 8

Date/Time 08/13/25 9:30
Raw Sample Received by: CL 8
Raw Sample Relinquished by: RSC (CL-1046)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Gannett Fleming**
ADDRESS: **1010 Abrams Ave**
CITY: **Auburn** STATE: **PA** ZIP: **19403**
ATTENTION: **Joe Krupansky**
PHONE: **610-301-8342** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Amtrak Replacement of Southern Bridges**
PROJECT NO.: LOCATION: **Keansburg, NJ**
PROJECT MANAGER: **Joe Krupansky**
e-mail: **Gjake@bemsys.com**
PHONE: **610-301-8342** FAX:

CLIENT BILLING INFORMATION

BILL TO: **Alliance** PO#: **284 Sheffield St**
ADDRESS: **284 Sheffield St**
CITY: **Mountainside** STATE: **NJ** ZIP: **07092**
ATTENTION: **Yazmen Gueez** PHONE: **908-728-3998**

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): **10** DAYS*
EDD: **10** 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
X EDD FORMAT **DEM EDD**

1. **TCL-Sink+25**
2. **TCL-Vol+10**
3. **PLBs**
4. **EPH**
5. **TAL Metals**
6. **TCLP Full Set**
7. **RLRA (PQ)**
8. **CRV/CCL**
9.

PRESERVATIVES

COMMENTS

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.	TG-S01	S		X	8/1/15	0815	9	X	X	X	X	X	X	X	X	X	
2.	TG-S02	I		I	9/15	0915	9	I	I	I	I	I	I	I	I	I	
3.	TG-S03	I		I	11/10	1110	9	I	I	I	I	I	I	I	I	I	
4.	TG-S04	I		I	13/15	1315	9	I	I	I	I	I	I	I	I	I	
5.	TG-S05	I		I	8/1/15	0725	9	I	I	I	I	I	I	I	I	I	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 8/12/15 0910	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP: 1.9 C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments: If Can't
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2832 PORT06

Order Date : 8/12/2025 9:37:00 AM

Project Mgr :

Client Name : Portal Partners Tri-Venture

Project Name : Amtrak Sawtooth Bridges 2

Report Type : NJ Reduced

Client Contact : Joseph Krupansky

Receive DateTime : 8/12/2025 9:10:00 AM

EDD Type : EXCEL NJCLEANUP

Invoice Name : Portal Partners Tri-Venture

Purchase Order :

Hard Copy Date :

Invoice Contact : Joseph Krupansky

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2832-01	TG-S01	Solid	08/11/2025	08:15	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2832-03	TG-S02	Solid	08/11/2025	09:15	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2832-05	TG-S03	Solid	08/11/2025	11:10	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2832-07	TG-S04	Solid	08/11/2025	13:45	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2832-09	TG-S05	Solid	08/12/2025	07:25	VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By : af

Date / Time : 8/12/25 10:15

Received By : Sam

Date / Time : 08/12/25 10:15

Storage Area : VOA Refridgerator Room