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Cover Page

Order ID : Q2795

Project ID : Girard School - PA

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q2795-01	COMP-1
Q2795-02	COMP-2
Q2795-03	COMP-3

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: 8/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2795
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

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 SVOCMS Group1 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 recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025360.D met the requirements except for 2,4,6-Tribromophenol. Failed surrogate is not associated with reporting list, therefor no further corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

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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_____

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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 is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2795**

	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 Castody	✓
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:** **08/14/2025**

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LAB CHRONICLE

OrderID:	Q2795	**OrderDate:**	8/7/2025 11:57:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2795-01	**COMP-1**	**SOIL**			**08/06/25**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/08/25	
Q2795-02	**COMP-2**	**SOIL**			**08/06/25**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/11/25	
Q2795-03	**COMP-3**	**SOIL**			**08/06/25**			**08/07/25**
			SVOCMS Group1	8270E		08/08/25	08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2795

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q2795-01	COMP-1	SOIL	Pyrene	110.000	J	43.5	210	ug/Kg
			Total Svoc :	**110.00**				
			Total Concentration:	**110.00**				
Client ID : COMP-2								
Q2795-02	COMP-2	SOIL	Pyrene	86.000	J	44.4	210	ug/Kg
			Total Svoc :	**86.00**				
			Total Concentration:	**86.00**				
Client ID : COMP-3								
Q2795-03	COMP-3	SOIL	Phenanthrene	430.000		25.5	210	ug/Kg
Q2795-03	COMP-3	SOIL	Anthracene	110.000	J	40.6	210	ug/Kg
Q2795-03	COMP-3	SOIL	Pyrene	330.000		43.9	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(a)anthracene	220.000		28	210	ug/Kg
Q2795-03	COMP-3	SOIL	Chrysene	200.000	J	24.2	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(b)fluoranthene	210.000		23.1	210	ug/Kg
Q2795-03	COMP-3	SOIL	Benzo(a)pyrene	170.000	J	35.9	210	ug/Kg
			Total Svoc :	**1,670.00**				
			Total Concentration:	**1,670.00**				



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2795

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169176BL	PB169176BL	Nitrobenzene-d5	100	86.1	86		18	107
		2-Fluorobiphenyl	100	83.2	83		20	109
		Terphenyl-d14	100	81.9	82		10	105
PB169176BS	PB169176BS	Nitrobenzene-d5	100	84.1	84		18	107
		2-Fluorobiphenyl	100	77.0	77		20	109
		Terphenyl-d14	100	85.0	85		10	105
Q2795-01	COMP-1	Nitrobenzene-d5	100	46.5	47		18	107
		2-Fluorobiphenyl	100	41.9	42		20	109
		Terphenyl-d14	100	54.8	55		10	105
Q2795-02	COMP-2	Nitrobenzene-d5	100	49.9	50		18	107
		2-Fluorobiphenyl	100	48.2	48		20	109
		Terphenyl-d14	100	45.7	46		10	105
Q2795-03	COMP-3	Nitrobenzene-d5	100	72.1	72		18	107
		2-Fluorobiphenyl	100	69.1	69		20	109
		Terphenyl-d14	100	57.4	57		10	105
Q2795-03MS	COMP-3MS	Nitrobenzene-d5	100	59.8	60		18	107
		2-Fluorobiphenyl	100	56.3	56		20	109
		Terphenyl-d14	100	54.1	54		10	105
Q2795-03MSD	COMP-3MSD	Nitrobenzene-d5	100	58.8	59		18	107
		2-Fluorobiphenyl	100	52.9	53		20	109
		Terphenyl-d14	100	53.4	53		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025356.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2795-03MS		**Client Sample ID: COMP-3MS**									
Naphthalene	2000	0	1600	ug/Kg	80				51	121	
Fluorene	2000	0	1700	ug/Kg	85				53	118	
Phenanthrene	2000	430	2000	ug/Kg	79				52	128	
Anthracene	2000	110	1800	ug/Kg	85				62	124	
Pyrene	2000	330	1900	ug/Kg	79				37	122	
Benzo(a)anthracene	2000	220	1800	ug/Kg	79				53	119	
Chrysene	2000	200	1800	ug/Kg	80				57	121	
Benzo(b)fluoranthene	2000	210	1700	ug/Kg	75				52	117	
Benzo(a)pyrene	2000	170	1800	ug/Kg	82				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90				40	129	
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BP025357.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2795-03MSD		**Client Sample ID: COMP-3MSD**									
Naphthalene	2000	0	1600	ug/Kg	80	0			51	121	20
Fluorene	2000	0	1700	ug/Kg	85	0			53	118	20
Phenanthrene	2000	430	2000	ug/Kg	79	0			52	128	20
Anthracene	2000	110	1800	ug/Kg	85	0			62	124	20
Pyrene	2000	330	1900	ug/Kg	79	0			37	122	20
Benzo(a)anthracene	2000	220	1800	ug/Kg	79	0			53	119	20
Chrysene	2000	200	1800	ug/Kg	80	0			57	121	20
Benzo(b)fluoranthene	2000	210	1700	ug/Kg	75	0			52	117	20
Benzo(a)pyrene	2000	170	1800	ug/Kg	82	0			70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90	0			40	129	20
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90	0			24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2795 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BP025362.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169176BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169176BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2795

Lab File ID: BP025361.D | Lab Sample ID: PB169176BL

Instrument ID: BNA_P | Date Extracted: 08/08/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/12/2025

Level: (low/med) LOW | Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169176BS	PB169176BS	BP025362.D	08/12/2025
COMP-1	Q2795-01	BP025333.D	08/08/2025
COMP-2	Q2795-02	BP025354.D	08/11/2025
COMP-3	Q2795-03	BP025355.D	08/11/2025
COMP-3MS	Q2795-03MS	BP025356.D	08/11/2025
COMP-3MSD	Q2795-03MSD	BP025357.D	08/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: POWE02

Lab Code: ACE — SDG NO.: Q2795

Lab File ID: BP025297.D — DFTPP Injection Date: 08/05/2025

Instrument ID: BNA_P — DFTPP Injection Time: 11:21

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	0.2 (0.5) 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	7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	78.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.1 (19.6) 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	BP025298.D	08/05/2025	12:03
SSTDICC005	SSTDICC005	BP025299.D	08/05/2025	12:44
SSTDICC010	SSTDICC010	BP025300.D	08/05/2025	13:25
SSTDICC020	SSTDICC020	BP025301.D	08/05/2025	14:06
SSTDICCC040	SSTDICCC040	BP025302.D	08/05/2025	14:47
SSTDICC050	SSTDICC050	BP025303.D	08/05/2025	15:28
SSTDICC060	SSTDICC060	BP025304.D	08/05/2025	16:10
SSTDICC080	SSTDICC080	BP025305.D	08/05/2025	16:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: POWE02

Lab Code: ACE — SDG NO.: Q2795

Lab File ID: BP025325.D — DFTPP Injection Date: 08/08/2025

Instrument ID: BNA_P — DFTPP Injection Time: 09:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	78.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.6 (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	BP025326.D	08/08/2025	10:15
COMP-1	Q2795-01	BP025333.D	08/08/2025	15:11

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Contract: POWE02
Lab Code: ACE
SDG NO.: Q2795
Lab File ID: BP025342.D
DFTPP Injection Date: 08/11/2025
Instrument ID: BNA_P
DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 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	0.2
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	3.5
441	Present, but less than mass 443	79.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.6) 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	BP025343.D	08/11/2025	11:08
COMP-2	Q2795-02	BP025354.D	08/11/2025	18:53
COMP-3	Q2795-03	BP025355.D	08/11/2025	19:34
COMP-3MS	Q2795-03MS	BP025356.D	08/11/2025	20:16
COMP-3MSD	Q2795-03MSD	BP025357.D	08/11/2025	20:58

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2795

Lab File ID: BP025359.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:26

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	0.2 (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	6.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	79.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.6) 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	BP025360.D	08/12/2025	10:07
PB169176BL	PB169176BL	BP025361.D	08/12/2025	10:49
PB169176BS	PB169176BS	BP025362.D	08/12/2025	11:30

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/08/2025

Lab File ID: BP025326.D Time Analyzed: 10:15

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	240709	7.802	976682	10.57	575605	14.42
	UPPER LIMIT	481418	8.302	1953360	11.072	1151210	14.919
	LOWER LIMIT	120355	7.302	488341	10.072	287803	13.919
	EPA SAMPLE NO.						
01	COMP-1	369826	7.80	1487910	10.57	927347	14.43

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/08/2025

Lab File ID: BP025326.D Time Analyzed: 10:15

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	1048510	17.225	989888	21.666	1196040	25.059
	UPPER LIMIT	2097020	17.725	1979780	22.166	2392080	25.559
	LOWER LIMIT	524255	16.725	494944	21.166	598020	24.559
	EPA SAMPLE NO.						
01	COMP-1	1790890	17.23	1327270	21.66	1321270	25.05

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.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/11/2025

Lab File ID: BP025343.D Time Analyzed: 11:08

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	216631	7.796	873095	10.57	558968	14.42
	UPPER LIMIT	433262	8.296	1746190	11.072	1117940	14.919
	LOWER LIMIT	108316	7.296	436548	10.072	279484	13.919
	EPA SAMPLE NO.						
01	COMP-2	253745	7.80	980792	10.57	574975	14.41
02	COMP-3	303985	7.80	1143420	10.57	611493	14.42
03	COMP-3MS	295927	7.80	1140320	10.57	664800	14.42
04	COMP-3MSD	259630	7.80	1001310	10.57	612787	14.43

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/11/2025

Lab File ID: BP025343.D Time Analyzed: 11:08

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	1086110	17.219	1099610	21.654	1235980	25.042
	UPPER LIMIT	2172220	17.719	2199220	22.154	2471960	25.542
	LOWER LIMIT	543055	16.719	549805	21.154	617990	24.542
	EPA SAMPLE NO.						
01	COMP-2	1110380	17.22	1168730	21.65	1336530	25.03
02	COMP-3	1041460	17.22	1178180	21.66	1457050	25.04
03	COMP-3MS	1234290	17.21	1203350	21.65	1428300	25.02
04	COMP-3MSD	1190900	17.22	1224890	21.65	1454700	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID : SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

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	195999	7.796	806810	10.58	510213	14.43
	UPPER LIMIT	391998	8.296	1613620	11.078	1020430	14.931
	LOWER LIMIT	97999.5	7.296	403405	10.078	255107	13.931
	EPA SAMPLE NO.						
01	PB169176BL	197203	7.80	745124	10.57	423004	14.42
02	PB169176BS	223200	7.80	886480	10.57	559934	14.43

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2795

Client ID: SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

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	980228	17.225	1004810	21.672	1173450	25.065
	UPPER LIMIT	1960460	17.725	2009620	22.172	2346900	25.565
	LOWER LIMIT	490114	16.725	502405	21.172	586725	24.565
	EPA SAMPLE NO.						
01	PB169176BL	795112	17.23	877135	21.67	1062240	25.05
02	PB169176BS	1136520	17.23	1132010	21.67	1223220	25.05

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

Raw Data: **BP025333.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-1			SDG No.:	Q2795
Lab Sample ID:	Q2795-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82.5
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025333.D	1	08/08/25 09:12	08/08/25 15:11	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.5	U	27.5	210	ug/Kg
86-73-7	Fluorene	30.6	U	30.6	210	ug/Kg
85-01-8	Phenanthrene	25.3	U	25.3	210	ug/Kg
120-12-7	Anthracene	40.3	U	40.3	210	ug/Kg
129-00-0	Pyrene	110	J	43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	27.8	U	27.8	210	ug/Kg
218-01-9	Chrysene	24.1	U	24.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.0	U	23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.7	U	35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.2	U	35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.1	U	31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.5		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.9		20 - 109	42%	SPK: 100
1718-51-0	Terphenyl-d14	54.8		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	370000	7.802			
1146-65-2	Naphthalene-d8	1490000	10.572			
15067-26-2	Acenaphthene-d10	927000	14.425			
1517-22-2	Phenanthrene-d10	1790000	17.225			
1719-03-5	Chrysene-d12	1330000	21.66			
1520-96-3	Perylene-d12	1320000	25.048			

Raw Data: **BP025333.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-1			SDG No.:	Q2795
Lab Sample ID:	Q2795-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82.5
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025333.D	1	08/08/25 09:12	08/08/25 15:11	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025333.D
Acq On : 08 Aug 2025 15:11
Operator : CG/JU
Sample : Q2795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Time: Aug 08 16:35:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

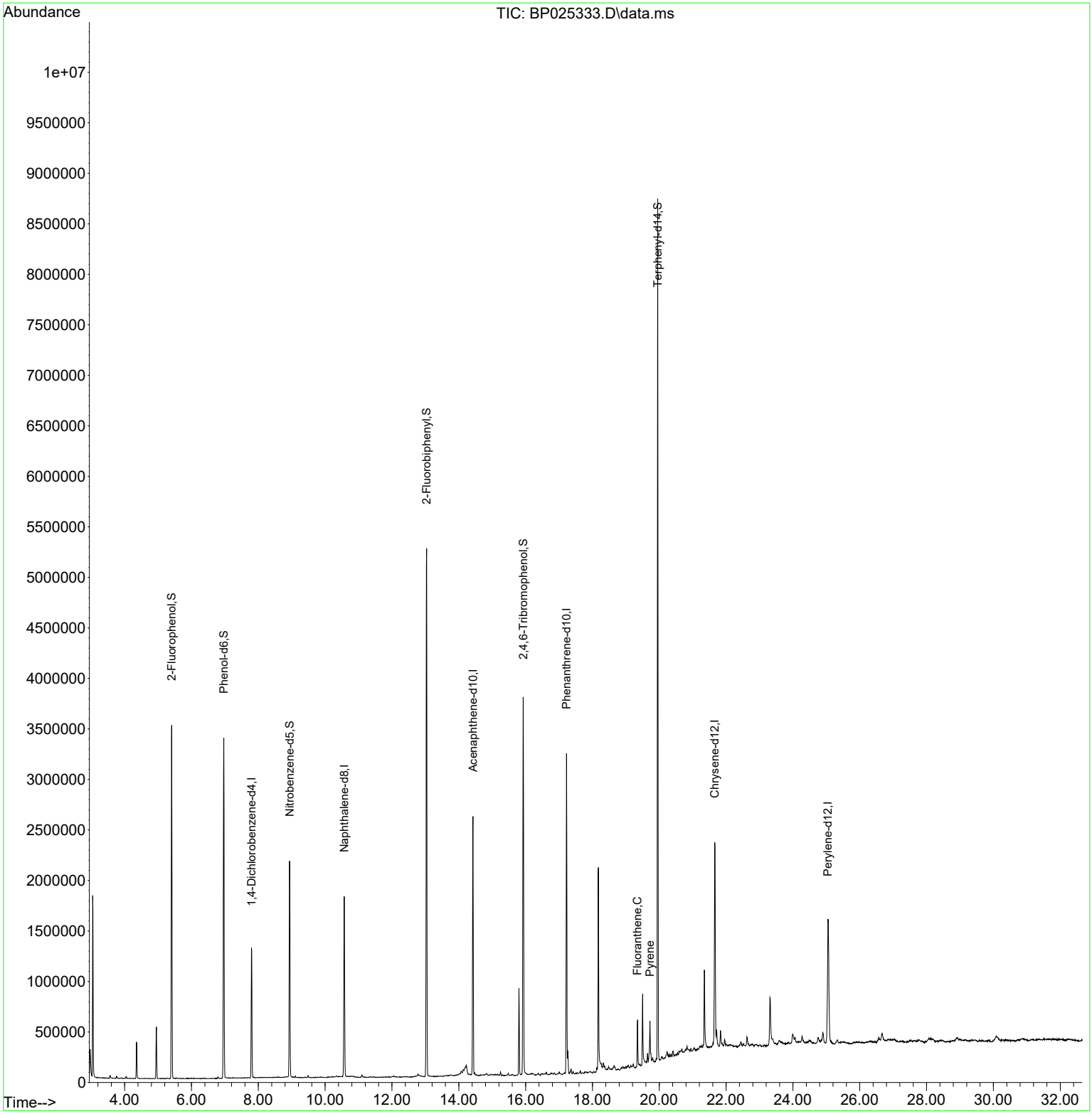
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	369826	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1487910	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	927347	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1790886	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1327269	20.000	ng	0.00
86) Perylene-d12	25.048	264	1321270	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1546270	67.247	ng	0.00
7) Phenol-d6	6.966	99	1914512	63.265	ng	0.00
23) Nitrobenzene-d5	8.937	82	1249655	46.530	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	766959	82.902	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2816022	41.942	ng	0.00
79) Terphenyl-d14	19.954	244	3847927	54.758	ng	0.01
Target Compounds						Qvalue
75) Fluoranthene	19.348	202	252657	2.225	ng	99
78) Pyrene	19.719	202	230983	2.617	ng	99

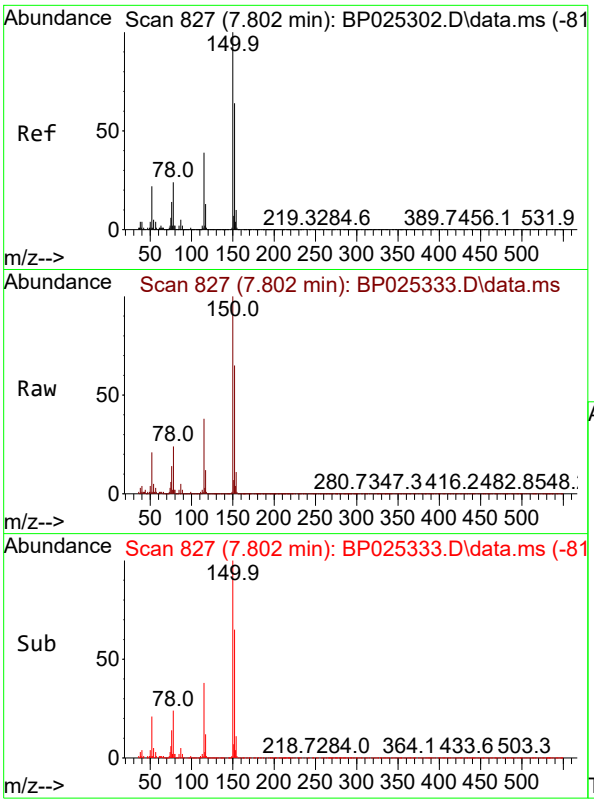
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025333.D
Acq On : 08 Aug 2025 15:11
Operator : CG/JU
Sample : Q2795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Time: Aug 08 16:35:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



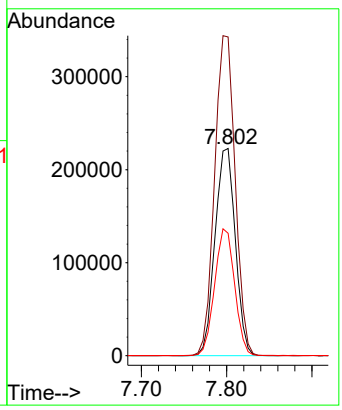


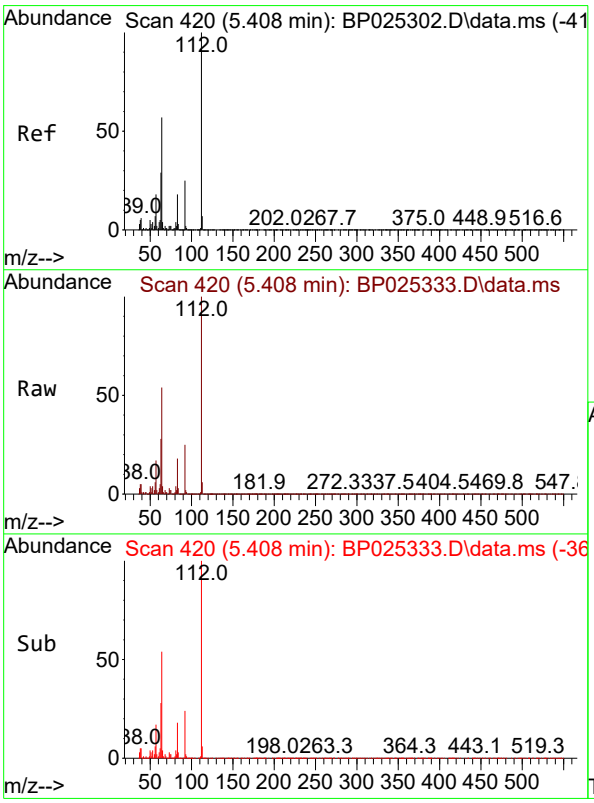
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 369826

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.1	187.7
115	59.1	48.4	72.6

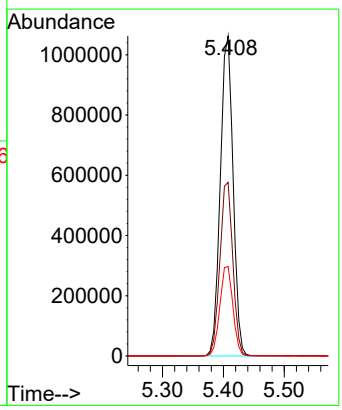


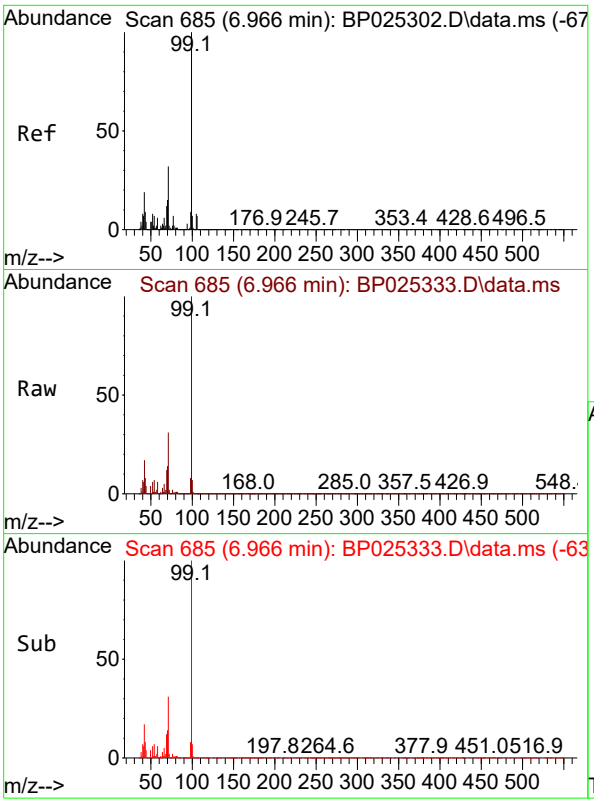


#5
2-Fluorophenol
Concen: 67.247 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:112 Resp: 1546270

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.3	67.9
63	28.0	23.0	34.6



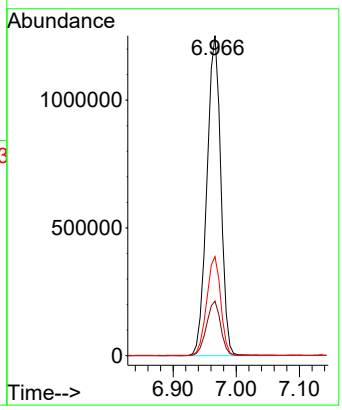


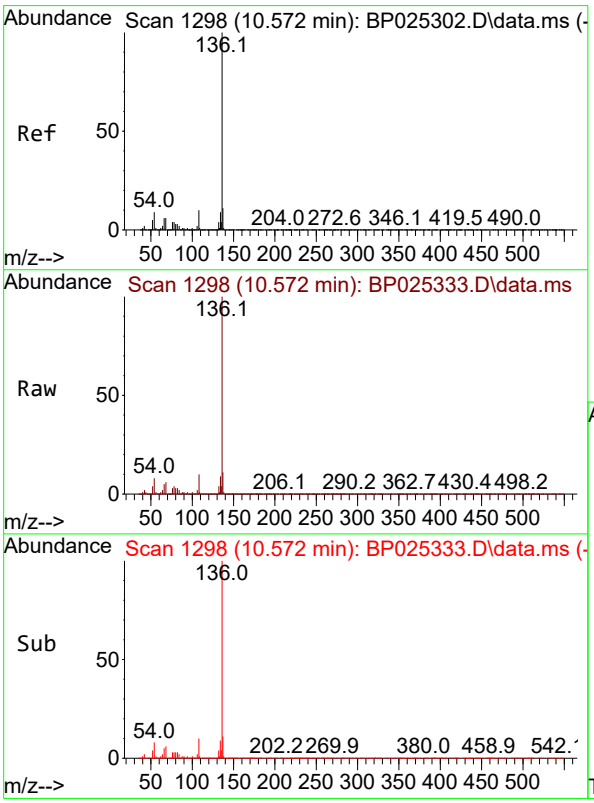
#7
Phenol-d6
Concen: 63.265 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 1914512

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.6
71	30.9	25.5	38.3

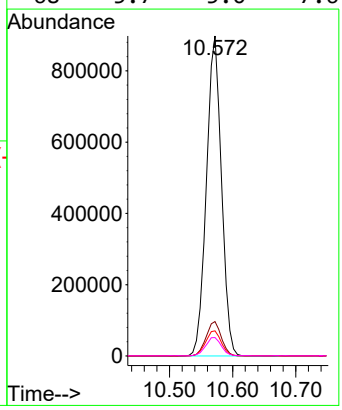


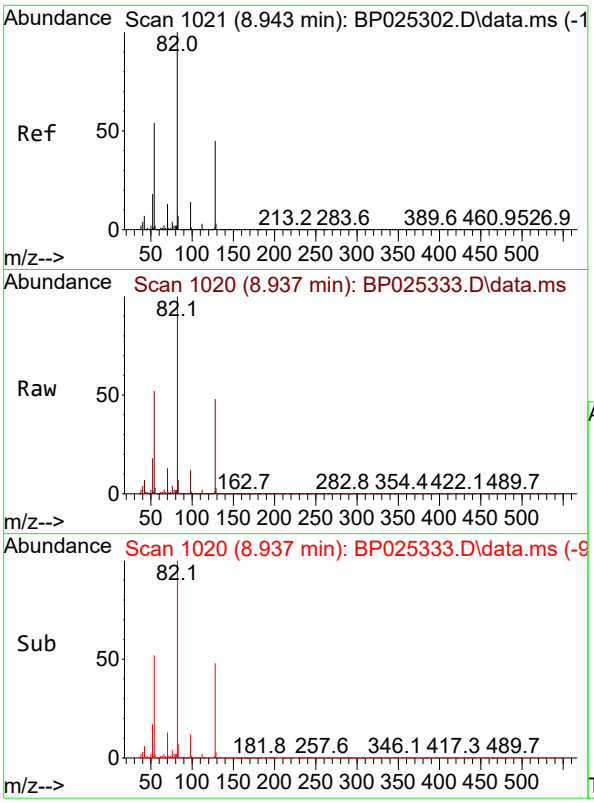


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:136 Resp: 1487910

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	7.0	10.6
68	5.7	5.0	7.6



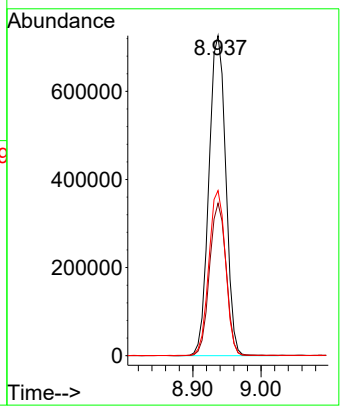


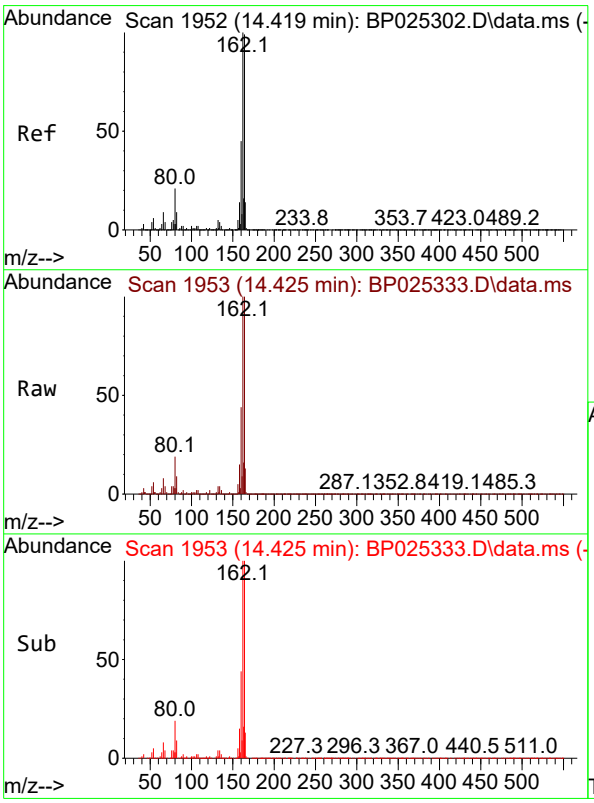
#23
Nitrobenzene-d5
Concen: 46.530 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 1249655

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.4	53.2
54	51.6	42.9	64.3

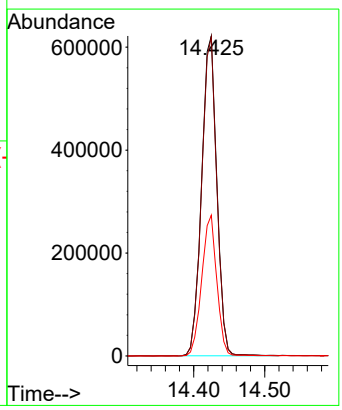


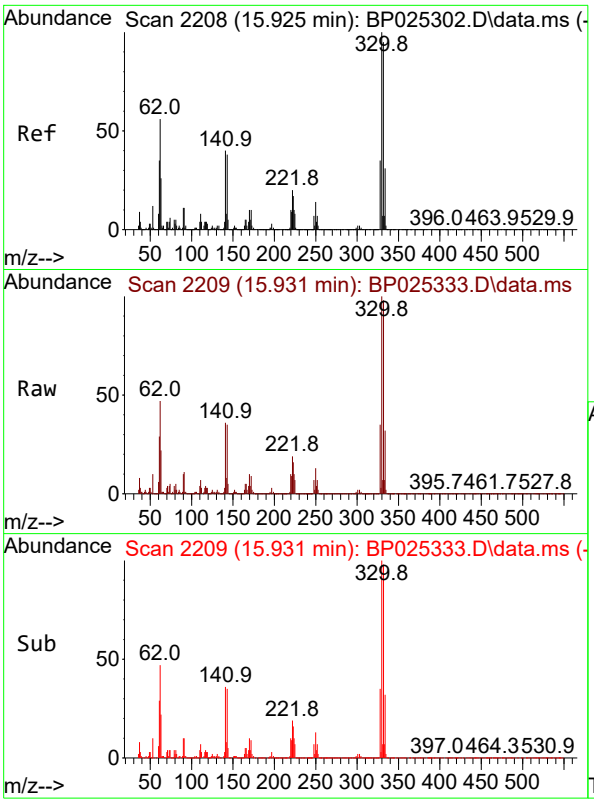


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:164 Resp: 927347

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	44.0	35.9	53.9



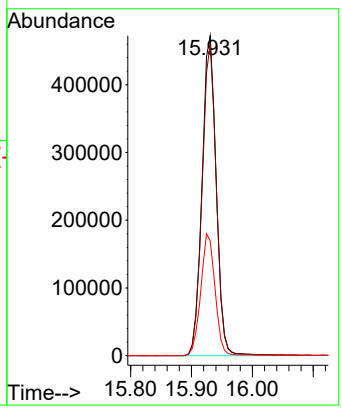


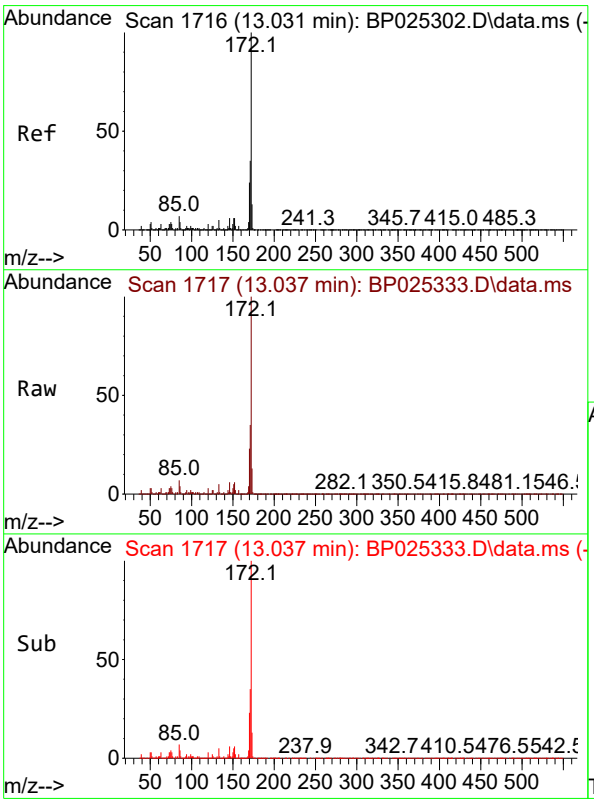
#42
2,4,6-Tribromophenol
Concen: 82.902 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 766959

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	38.4	31.7	47.5

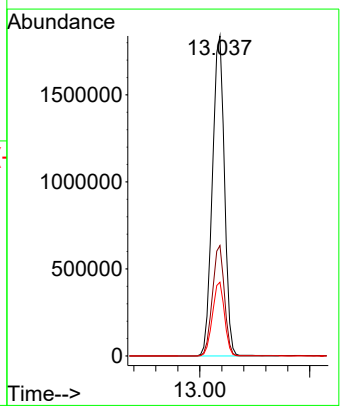


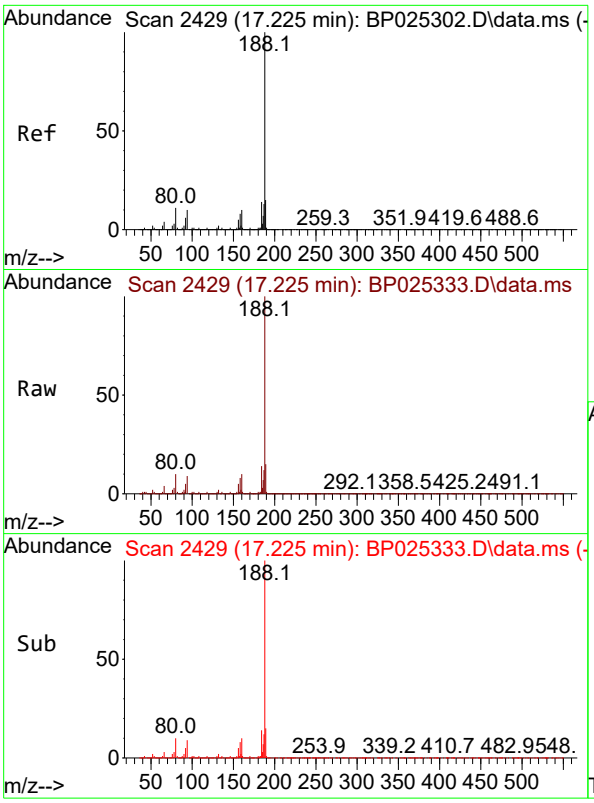


#45
2-Fluorobiphenyl
Concen: 41.942 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:172 Resp: 2816022

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.0	18.9	28.3



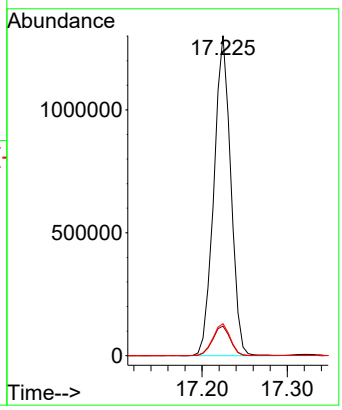


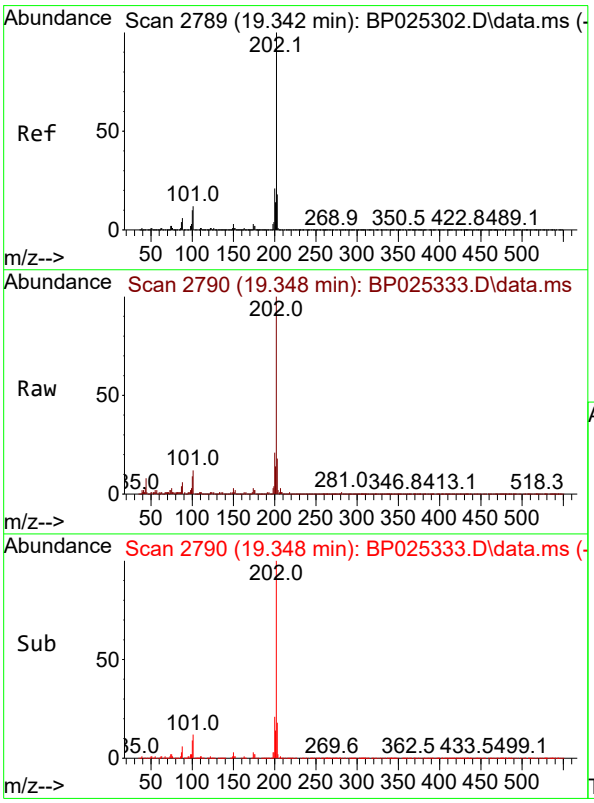
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 1790886

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	10.0	8.5	12.7

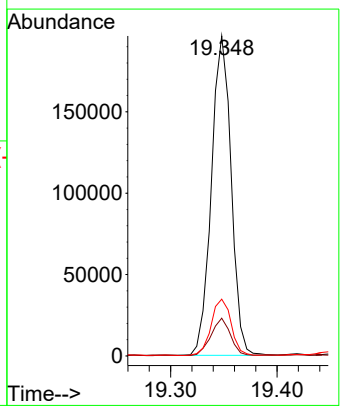


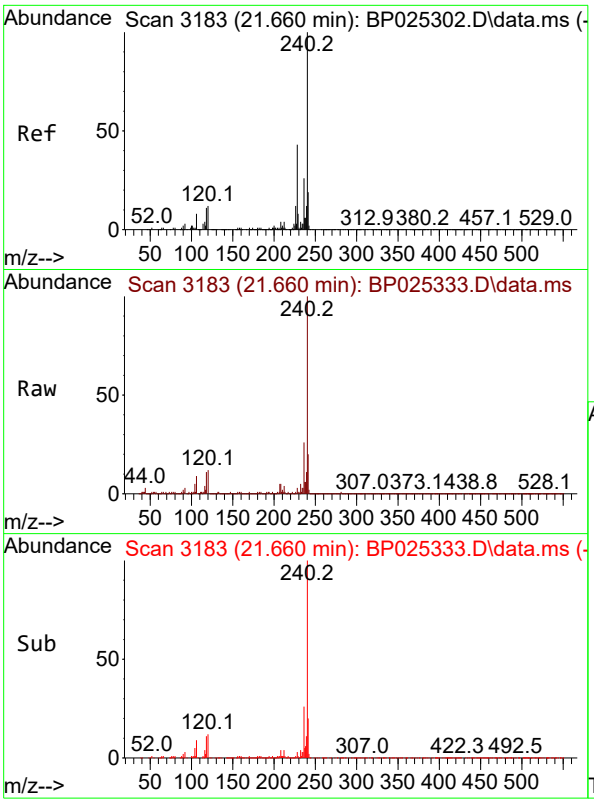


#75
Fluoranthene
Concen: 2.225 ng
RT: 19.348 min Scan# 2790
Delta R.T. 0.006 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:202 Resp: 252657

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.5
203	17.7	0.0	37.6



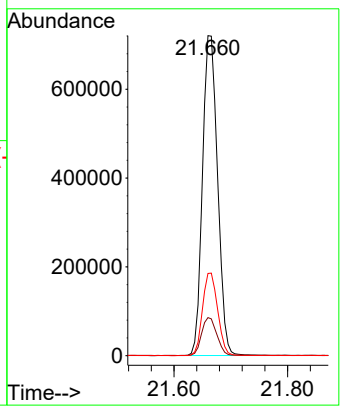


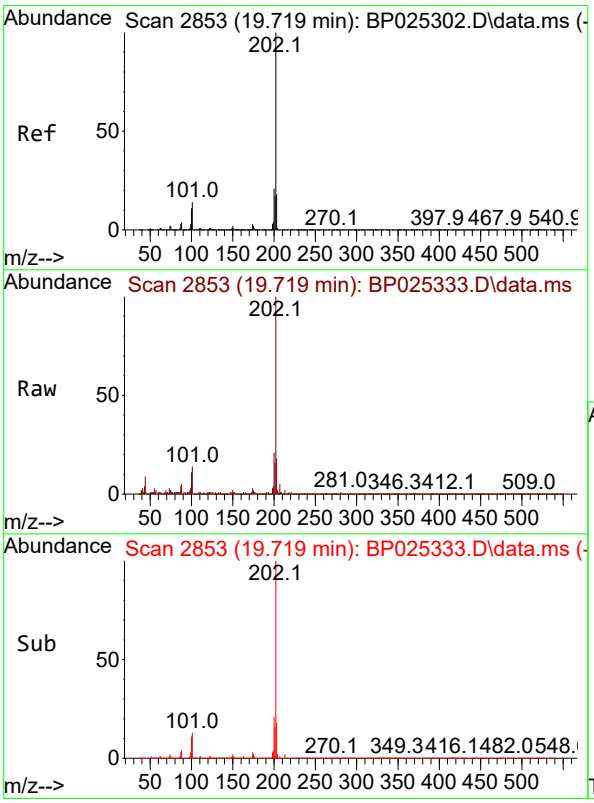
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:240 Resp: 1327269

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	25.7	20.4	30.6

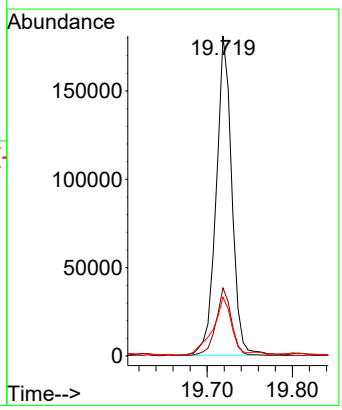


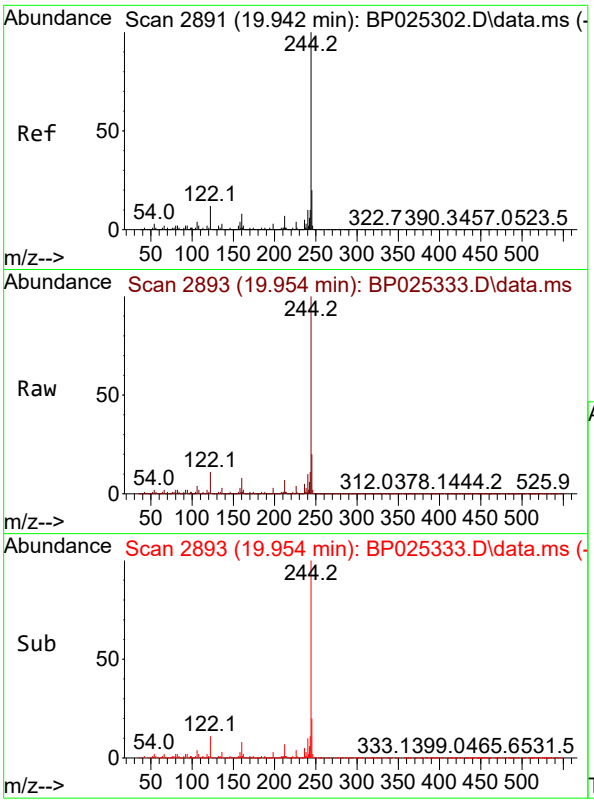


#78
Pyrene
Concen: 2.617 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:202 Resp: 230983

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.3	14.1	21.1



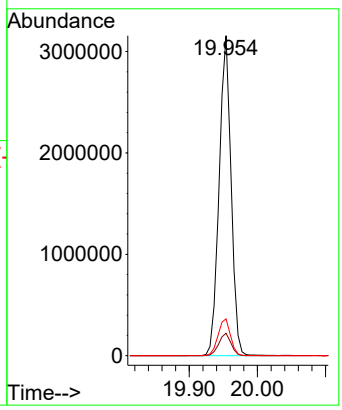


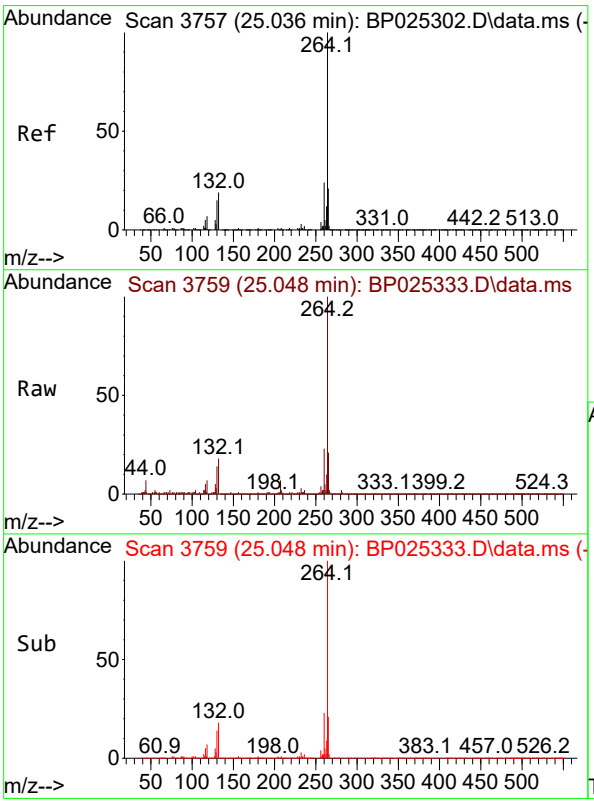
#79
Terphenyl-d14
Concen: 54.758 ng
RT: 19.954 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 3847927

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.5	9.5	14.3

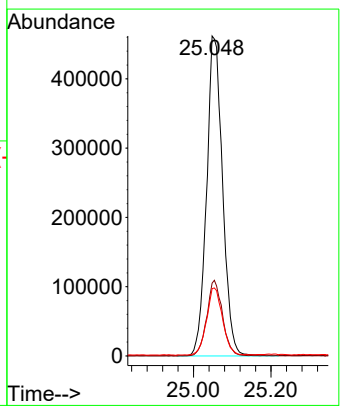




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025333.D
Acq: 08 Aug 2025 15:11

Tgt Ion:264 Resp: 1321270

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.1	25.7



Raw Data: **BP025354.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-2	SDG No.:	Q2795
Lab Sample ID:	Q2795-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025354.D	1	08/08/25 09:12	08/11/25 18:53	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.0	U	28.0	210	ug/Kg
86-73-7	Fluorene	31.2	U	31.2	210	ug/Kg
85-01-8	Phenanthrene	25.8	U	25.8	210	ug/Kg
120-12-7	Anthracene	41.1	U	41.1	210	ug/Kg
129-00-0	Pyrene	86.0	J	44.4	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.4	U	28.4	210	ug/Kg
218-01-9	Chrysene	24.6	U	24.6	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.5	U	23.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.4	U	36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.9	U	35.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.7	U	31.7	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.9		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.2		20 - 109	48%	SPK: 100
1718-51-0	Terphenyl-d14	45.7		10 - 105	46%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	254000	7.802			
1146-65-2	Naphthalene-d8	981000	10.572			
15067-26-2	Acenaphthene-d10	575000	14.413			
1517-22-2	Phenanthrene-d10	1110000	17.219			
1719-03-5	Chrysene-d12	1170000	21.654			
1520-96-3	Perylene-d12	1340000	25.03			

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-2			SDG No.:	Q2795
Lab Sample ID:	Q2795-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	80.8
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025354.D	1	08/08/25 09:12	08/11/25 18:53	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025354.D
Acq On : 11 Aug 2025 18:53
Operator : CG/JU
Sample : Q2795-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Time: Aug 12 01:00:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	253745	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	980792	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	574975	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1110383	20.000	ng	0.00
76) Chrysene-d12	21.654	240	1168731	20.000	ng	0.00
86) Perylene-d12	25.030	264	1336532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1126772	71.420	ng	0.00
7) Phenol-d6	6.967	99	1398693	67.364	ng	0.00
23) Nitrobenzene-d5	8.937	82	883296	49.894	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	538717	93.918	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2007144	48.216	ng	0.00
79) Terphenyl-d14	19.936	244	2826010	45.671	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.342	202	169751	2.411	ng	96
78) Pyrene	19.713	202	162496	2.091	ng	99

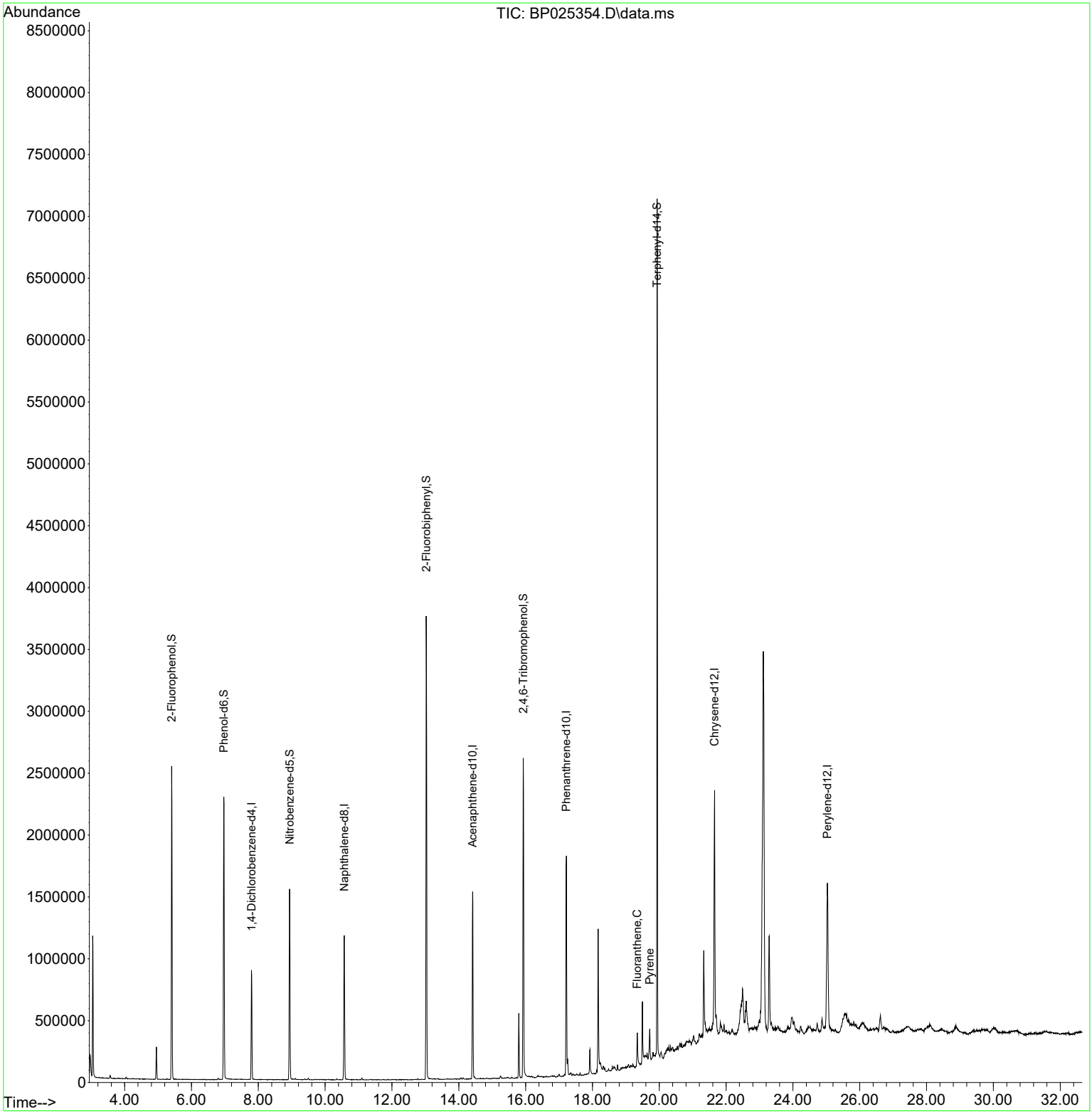
(#) = qualifier out of range (m) = manual integration (+) = signals summed

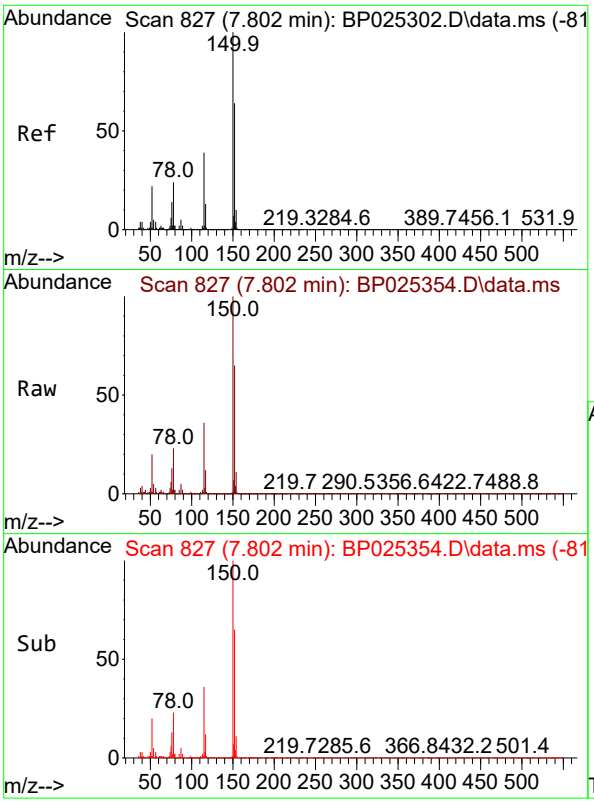
Sample Results: **BP025354.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025354.D
Acq On : 11 Aug 2025 18:53
Operator : CG/JU
Sample : Q2795-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-2

Quant Time: Aug 12 01:00:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



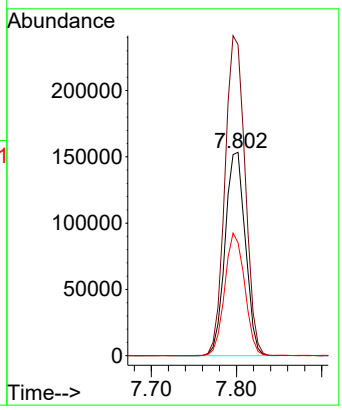


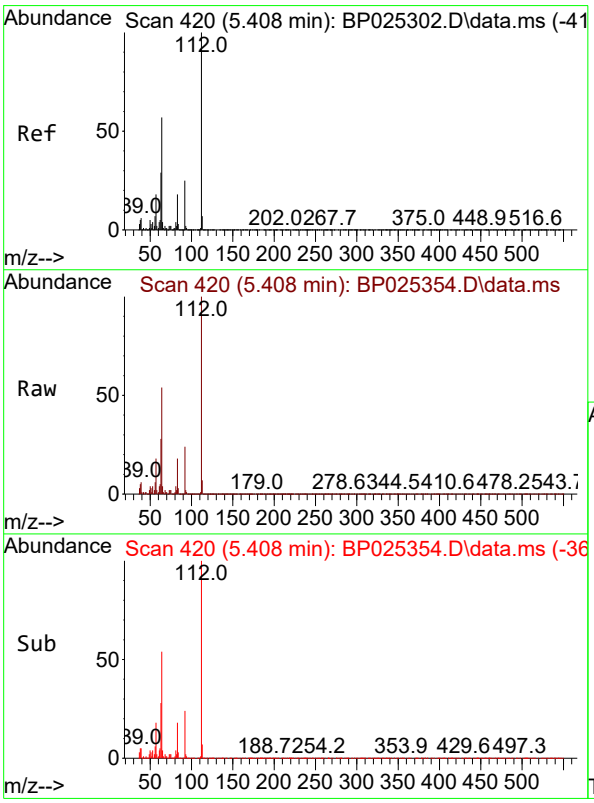
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 253745

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.1	187.7
115	55.5	48.4	72.6

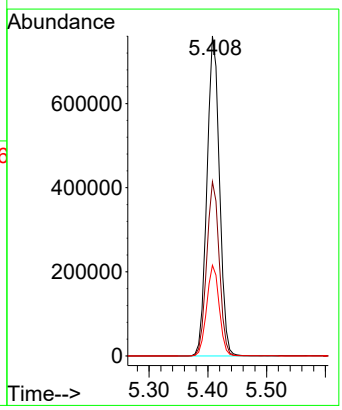


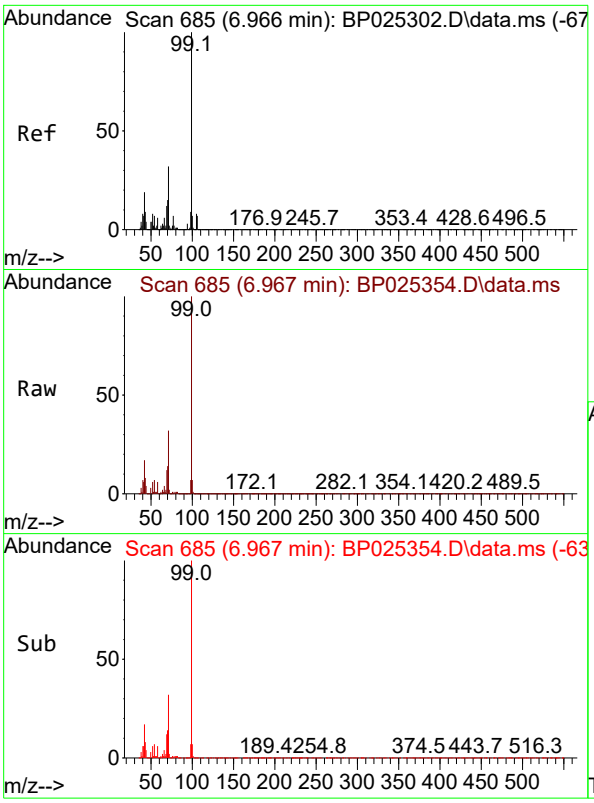


#5
2-Fluorophenol
Concen: 71.420 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:112 Resp: 1126772

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.3	67.9
63	28.3	23.0	34.6



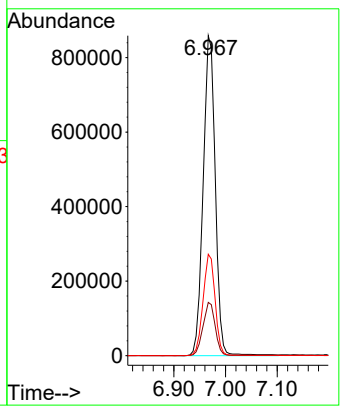


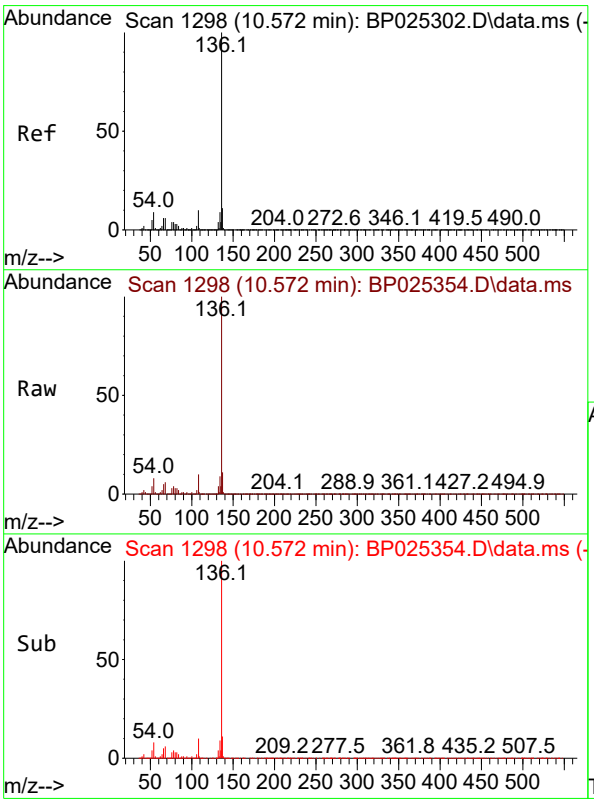
#7
Phenol-d6
Concen: 67.364 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.001 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 1398693

Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.6
71	31.7	25.5	38.3

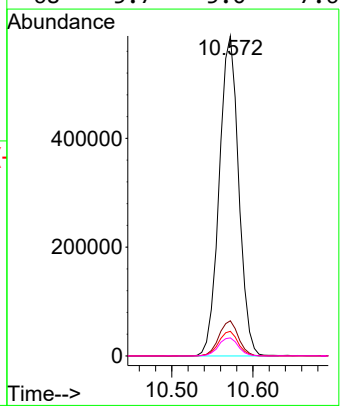


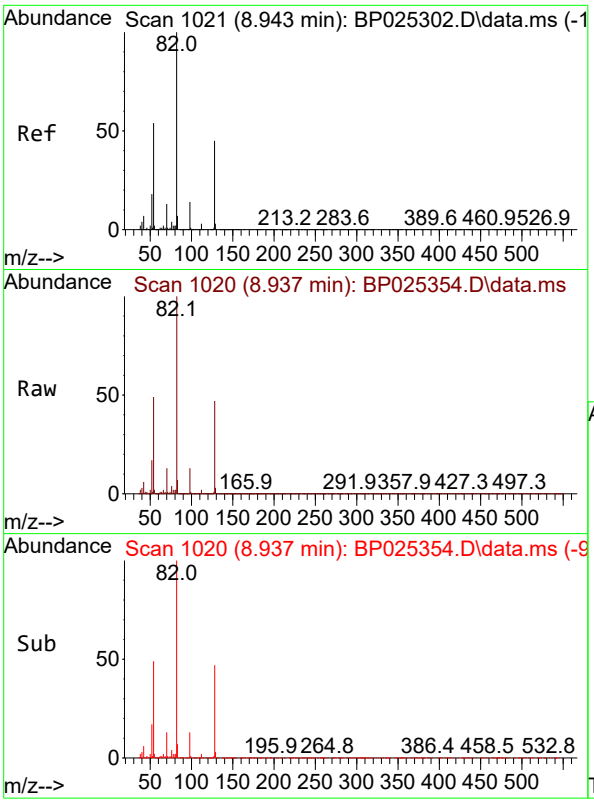


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:136 Resp: 980792

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	7.0	10.6
68	5.7	5.0	7.6



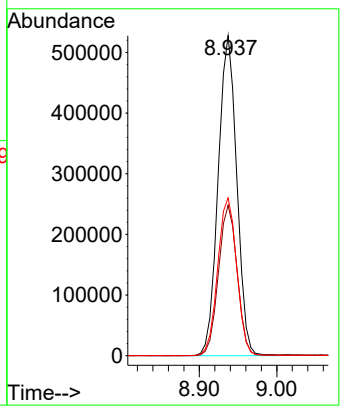


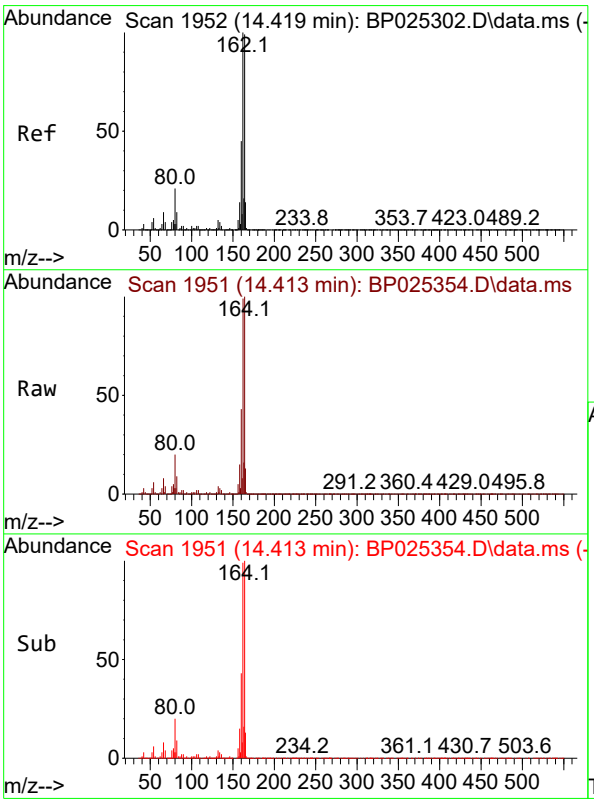
#23
Nitrobenzene-d5
Concen: 49.894 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 883296

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.4	53.2
54	49.3	42.9	64.3

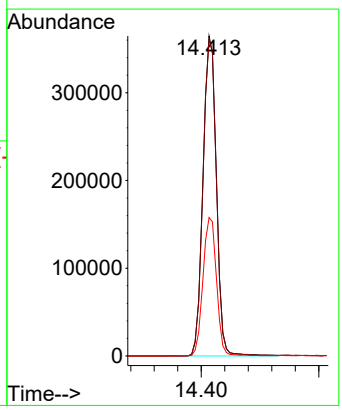


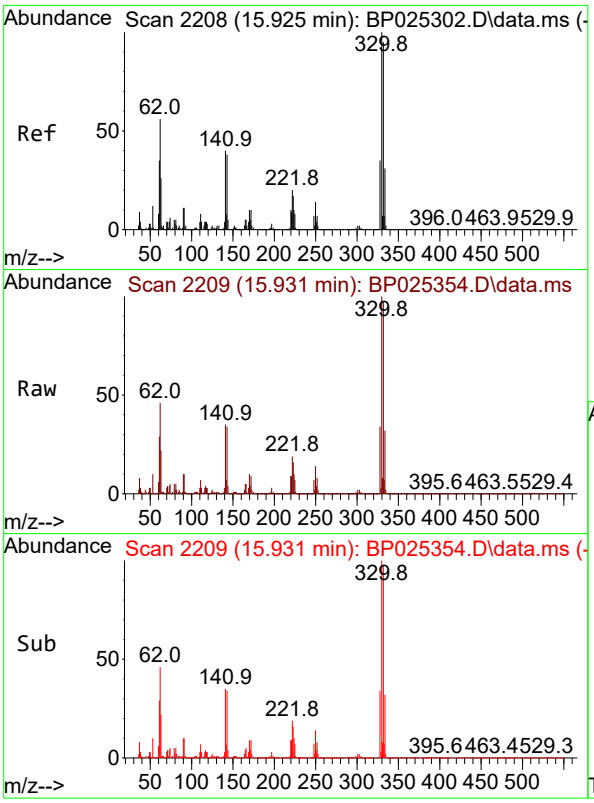


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:164 Resp: 574975

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.6	120.8
160	43.3	35.9	53.9



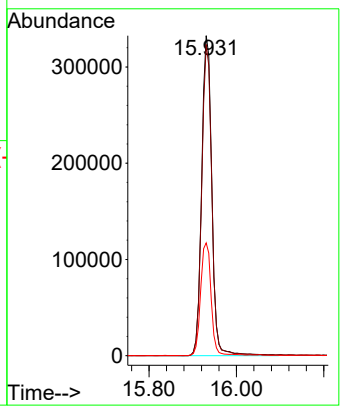


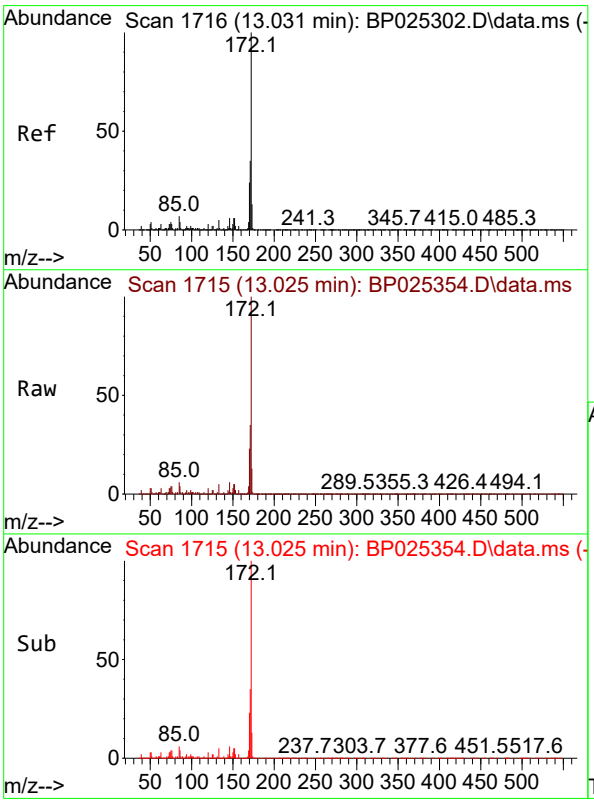
#42
2,4,6-Tribromophenol
Concen: 93.918 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:330 Resp: 538717

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	36.5	31.7	47.5

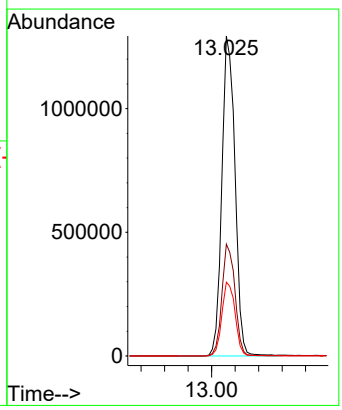


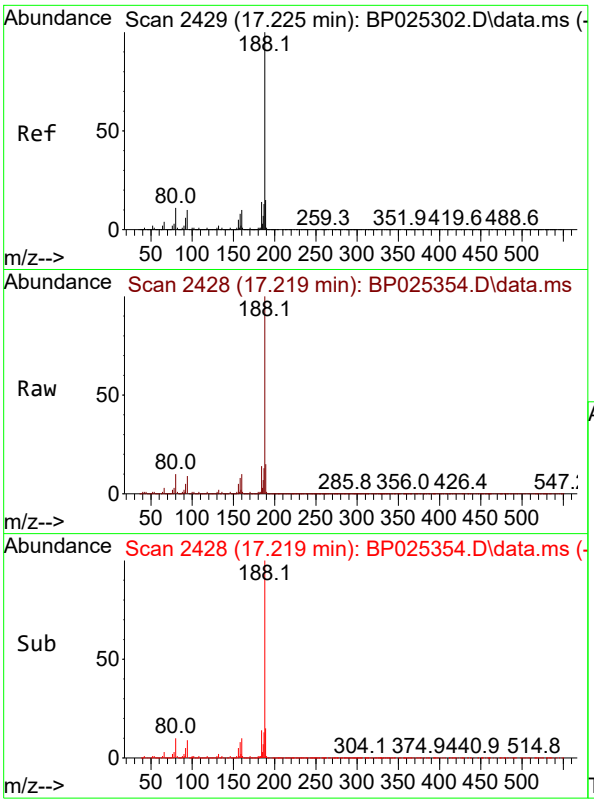


#45
2-Fluorobiphenyl
Concen: 48.216 ng
RT: 13.025 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:172 Resp: 2007144

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.1	18.9	28.3



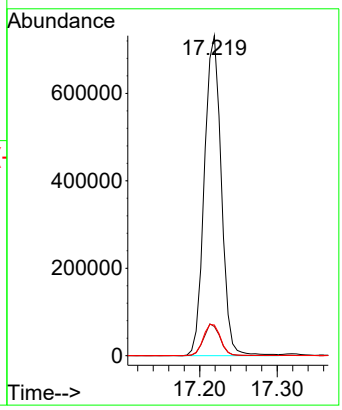


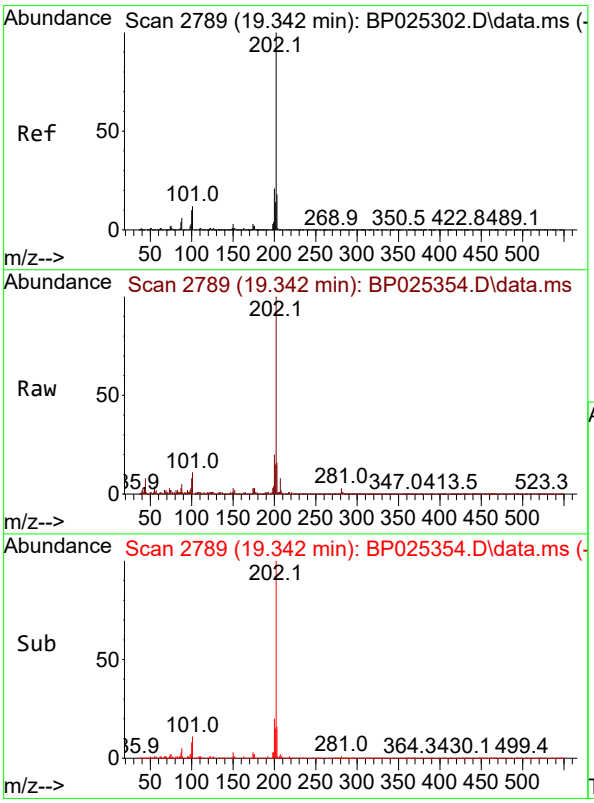
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 1110383

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.6	8.5	12.7

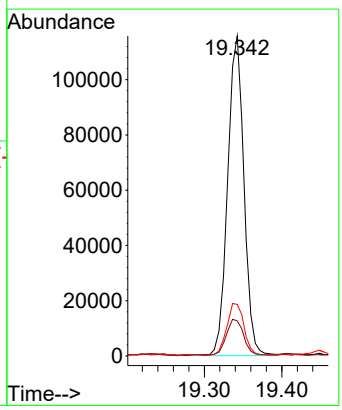


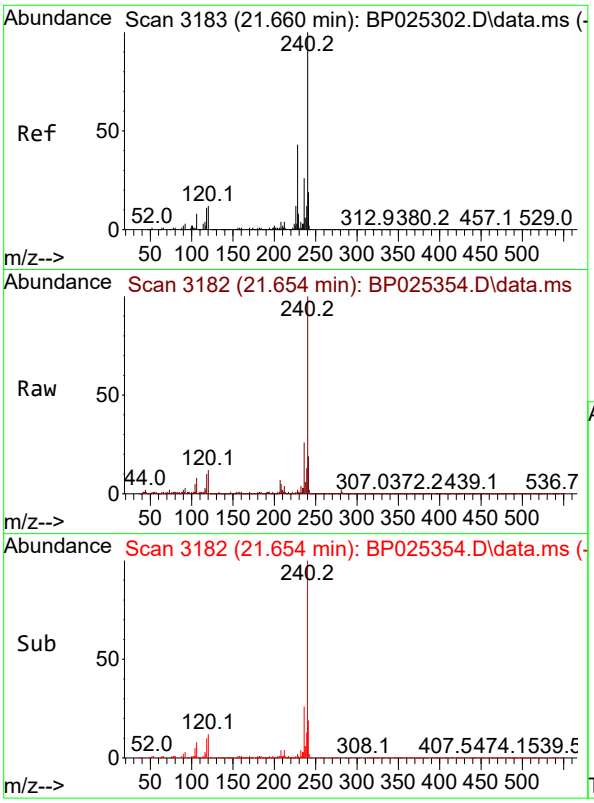


#75
Fluoranthene
Concen: 2.411 ng
RT: 19.342 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:202 Resp: 169751

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	16.1	0.0	37.6



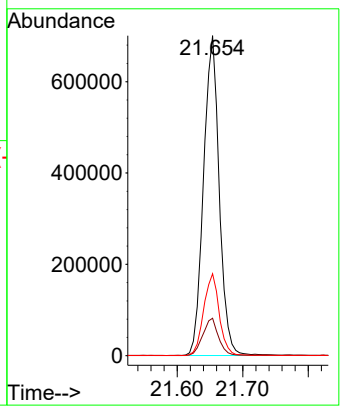


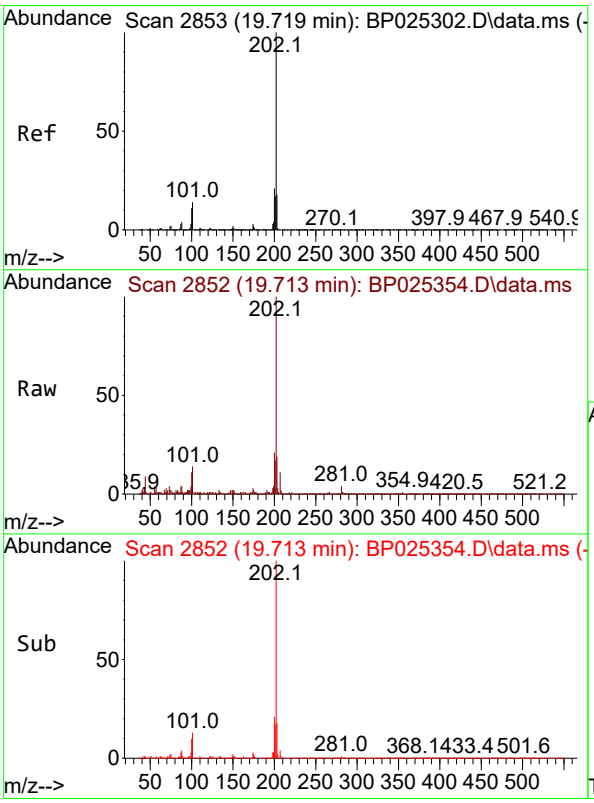
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:240 Resp: 1168731

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	25.6	20.4	30.6

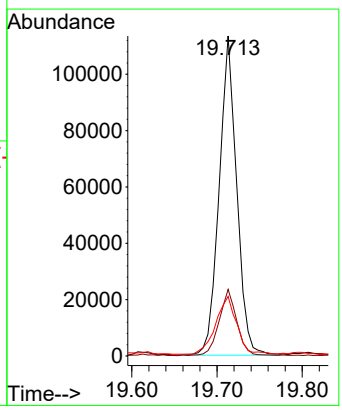


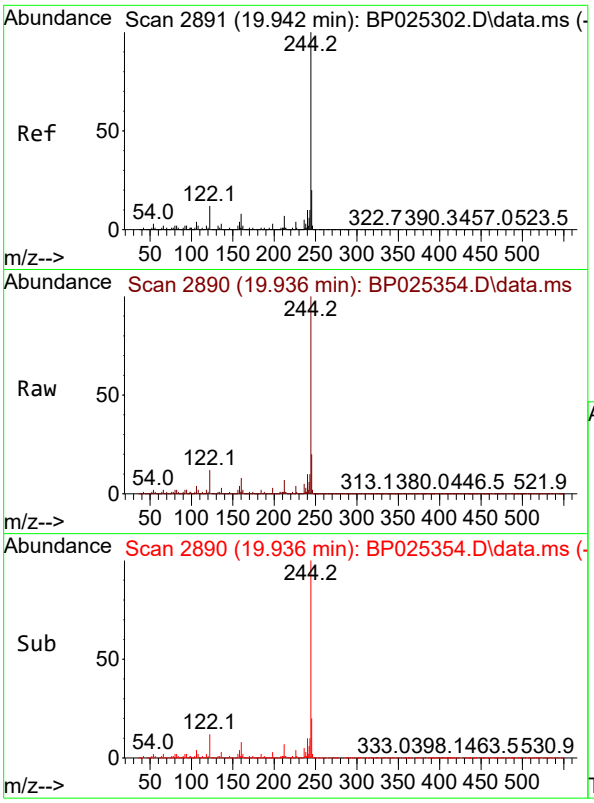


#78
Pyrene
Concen: 2.091 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:202 Resp: 162496

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.6	14.1	21.1



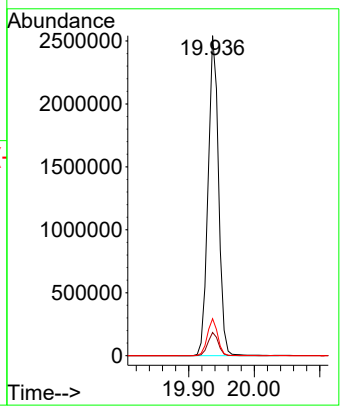


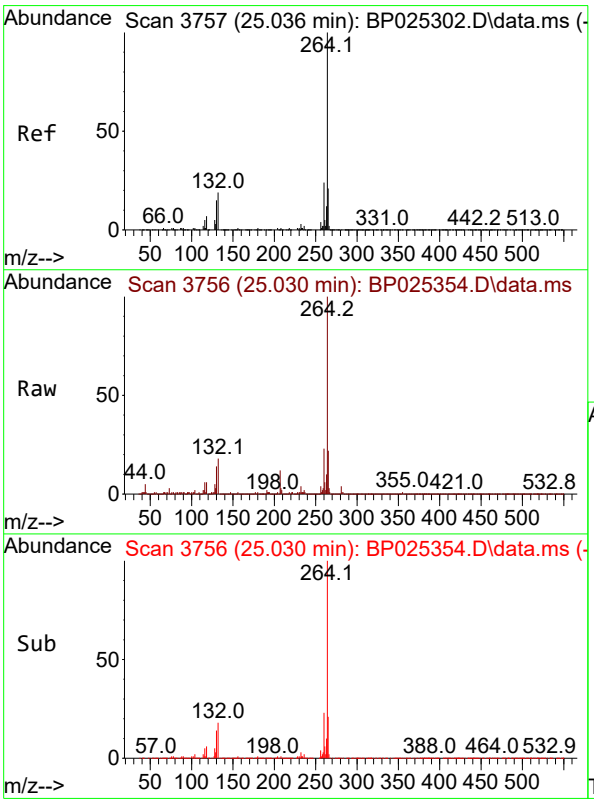
#79
Terphenyl-d14
Concen: 45.671 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 2826010

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.5	9.5	14.3

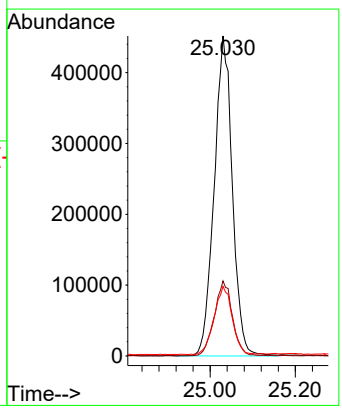




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:264 Resp: 1336532

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.1	25.7



Raw Data: **BP025355.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3			SDG No.:	Q2795
Lab Sample ID:	Q2795-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025355.D	1	08/08/25 09:12	08/11/25 19:34	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.7	U	27.7	210	ug/Kg
86-73-7	Fluorene	30.8	U	30.8	210	ug/Kg
85-01-8	Phenanthrene	430		25.5	210	ug/Kg
120-12-7	Anthracene	110	J	40.6	210	ug/Kg
129-00-0	Pyrene	330		43.9	210	ug/Kg
56-55-3	Benzo(a)anthracene	220		28.0	210	ug/Kg
218-01-9	Chrysene	200	J	24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.5	U	35.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.3	U	31.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.1		20 - 109	69%	SPK: 100
1718-51-0	Terphenyl-d14	57.4		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	304000	7.802			
1146-65-2	Naphthalene-d8	1140000	10.572			
15067-26-2	Acenaphthene-d10	611000	14.419			
1517-22-2	Phenanthrene-d10	1040000	17.219			
1719-03-5	Chrysene-d12	1180000	21.66			
1520-96-3	Perylene-d12	1460000	25.042			

Raw Data: **BP025355.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3			SDG No.:	Q2795
Lab Sample ID:	Q2795-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025355.D	1	08/08/25 09:12	08/11/25 19:34	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Time: Aug 12 01:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

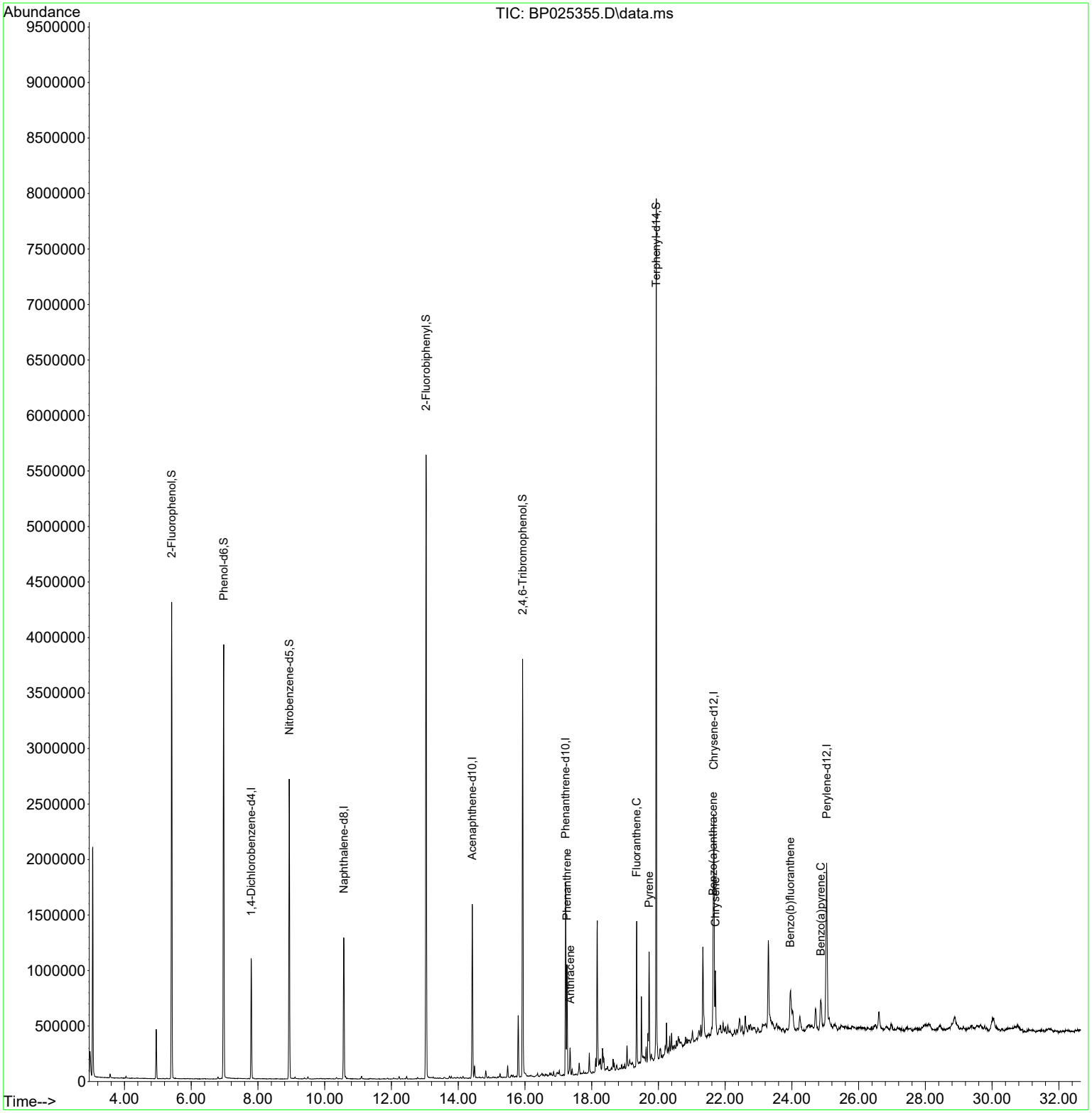
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	303985	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1143418	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	611493	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1041464	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1178180	20.000	ng	0.00
86) Perylene-d12	25.042	264	1457049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1896403	100.337	ng	0.00
7) Phenol-d6	6.972	99	2316559	93.131	ng	0.00
23) Nitrobenzene-d5	8.937	82	1488237	72.108	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	737406	120.879	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3058240	69.078	ng	0.00
79) Terphenyl-d14	19.936	244	3577543	57.353	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.260	178	598428	10.491	ng	99
72) Anthracene	17.354	178	161588	2.809	ng	98
75) Fluoranthene	19.348	202	728181	11.027	ng	98
78) Pyrene	19.719	202	627430	8.008	ng	99
81) Benzo(a)anthracene	21.636	228	428175	5.469	ng	99
83) Chrysene	21.707	228	363828	5.010	ng	97
88) Benzo(b)fluoranthene	23.954	252	458073	5.252	ng	98
90) Benzo(a)pyrene	24.865	252	342325	4.075	ng	96

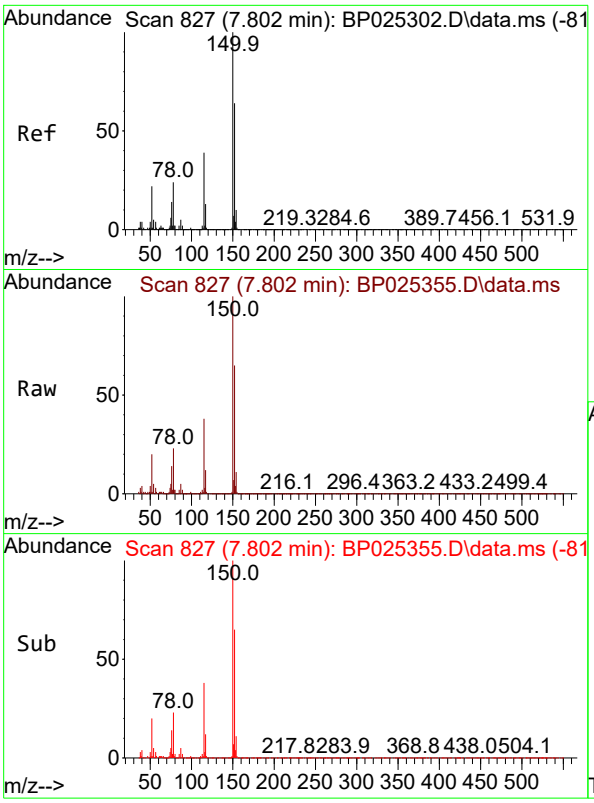
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Time: Aug 12 01:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



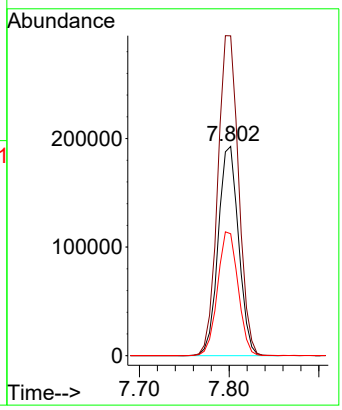


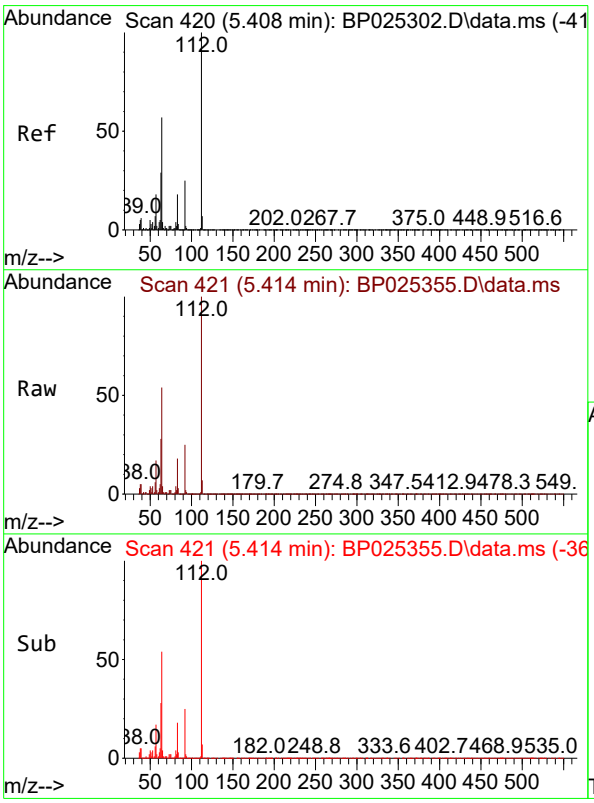
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 303985

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.1	187.7
115	58.3	48.4	72.6

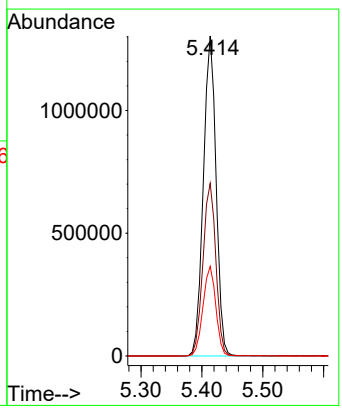


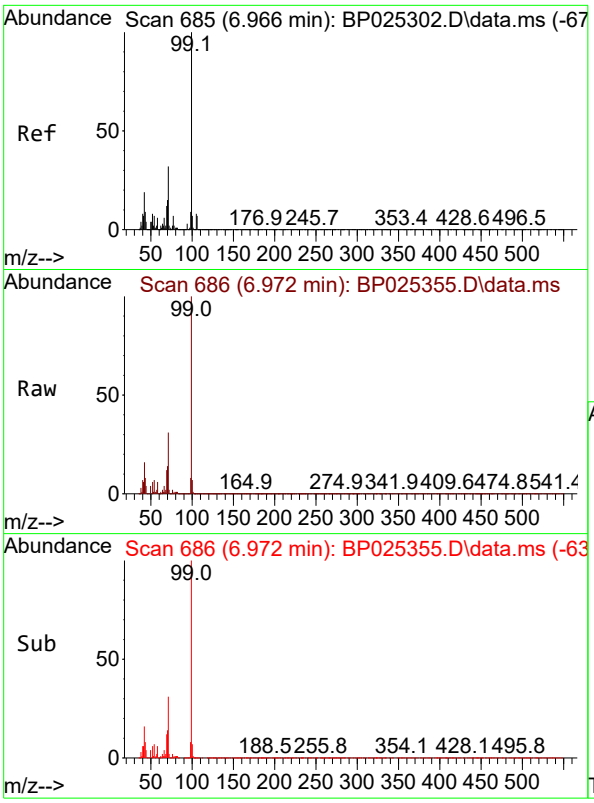


#5
2-Fluorophenol
Concen: 100.337 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:112 Resp: 1896403

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.3	67.9
63	28.0	23.0	34.6



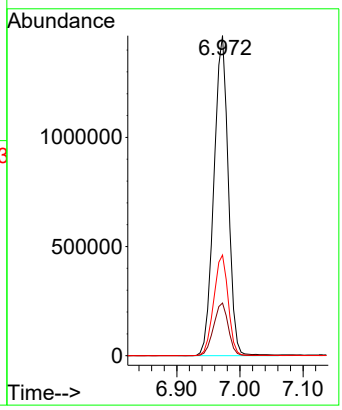


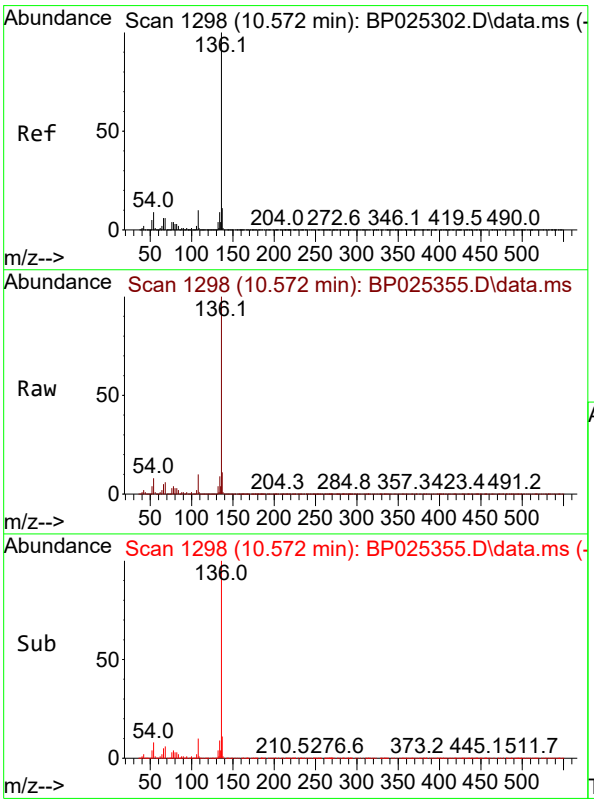
#7
Phenol-d6
Concen: 93.131 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 2316559

Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.6
71	31.5	25.5	38.3

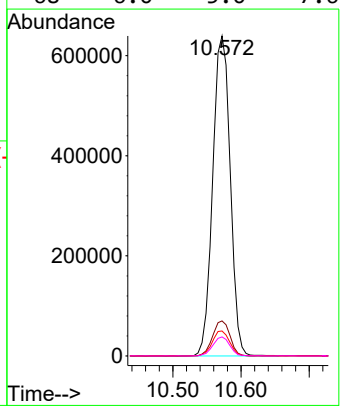


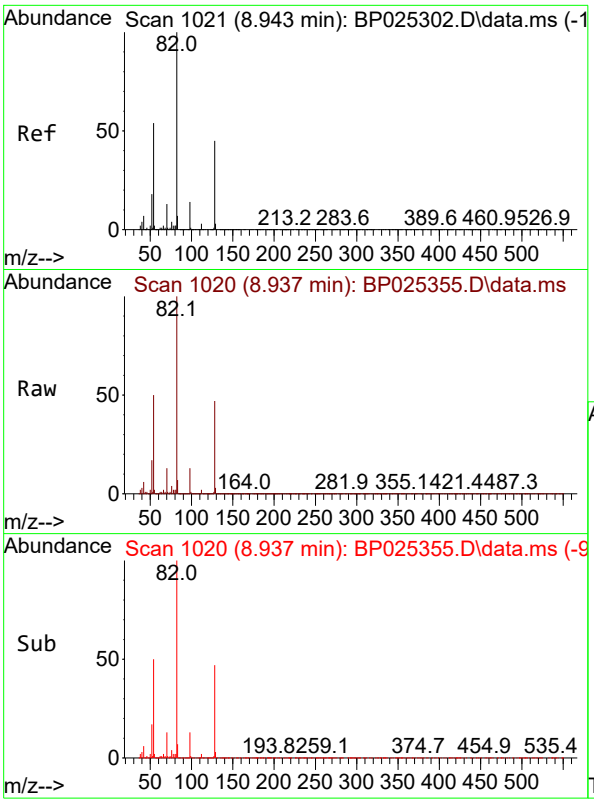


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:136 Resp: 1143418

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	7.0	10.6
68	6.0	5.0	7.6



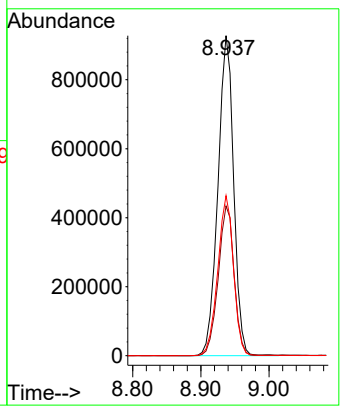


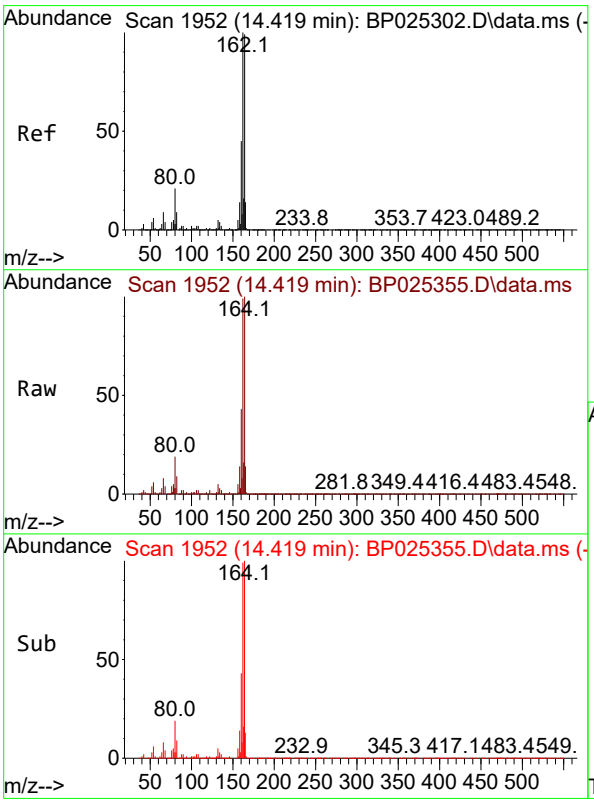
#23
Nitrobenzene-d5
Concen: 72.108 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 1488237

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.4	53.2
54	50.0	42.9	64.3

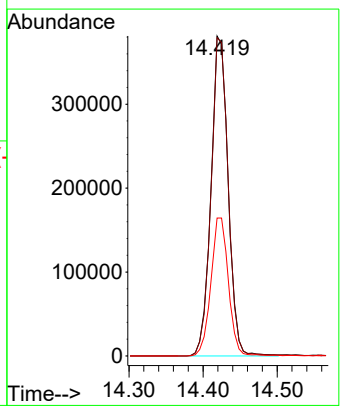


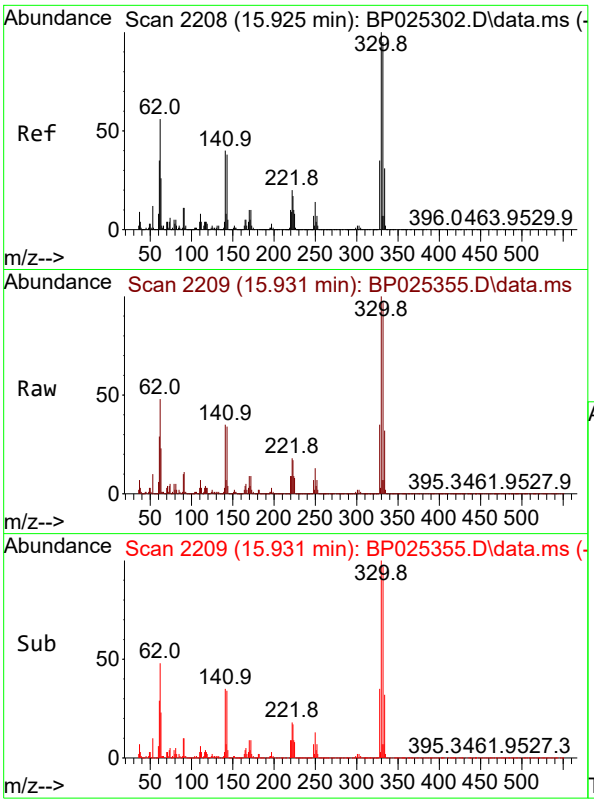


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:164 Resp: 611493

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	43.1	35.9	53.9



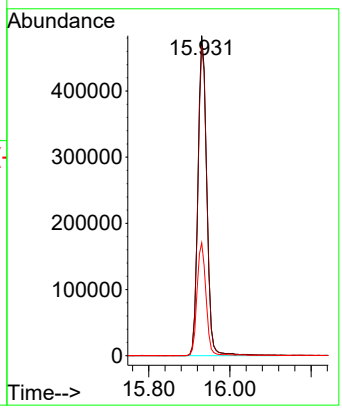


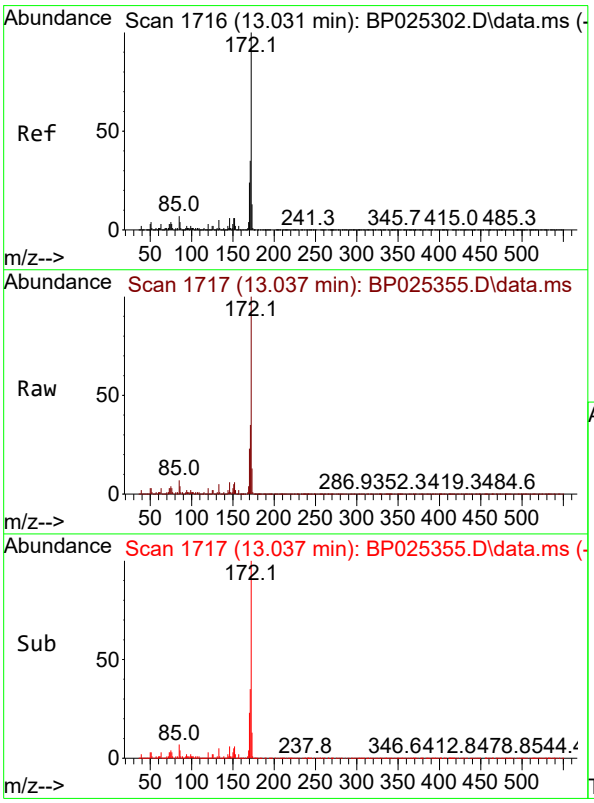
#42
2,4,6-Tribromophenol
Concen: 120.879 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 737406

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	35.7	31.7	47.5

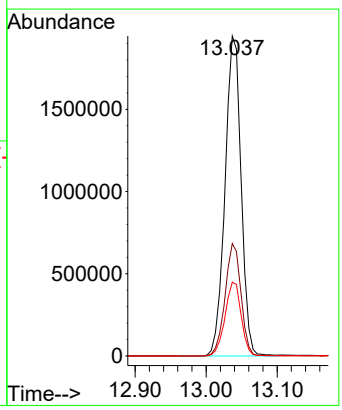


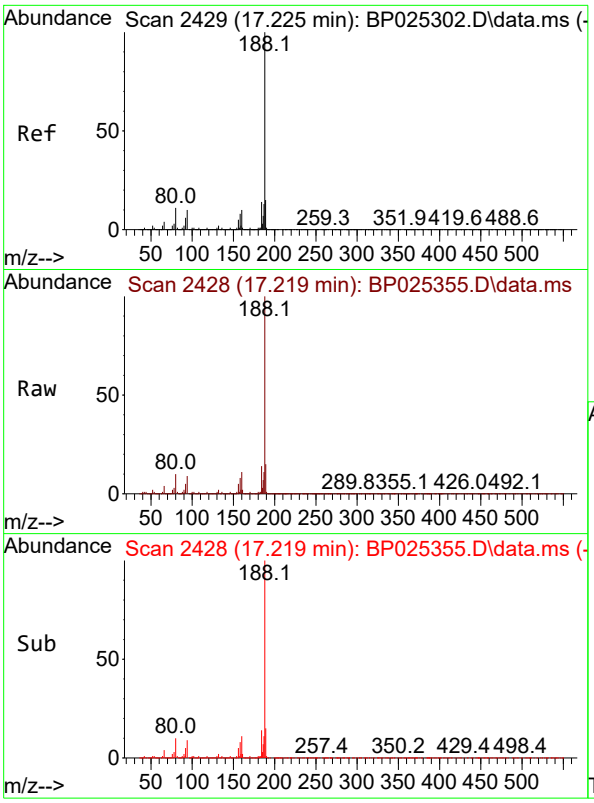


#45
2-Fluorobiphenyl
Concen: 69.078 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:172 Resp: 3058240

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.1	18.9	28.3



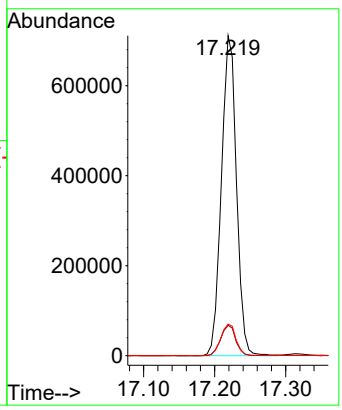


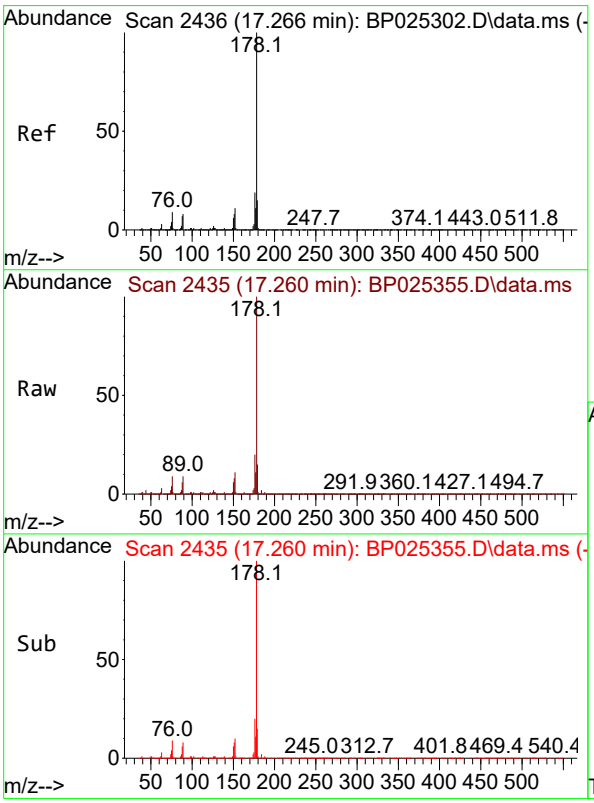
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:188 Resp: 1041464

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	9.8	8.5	12.7

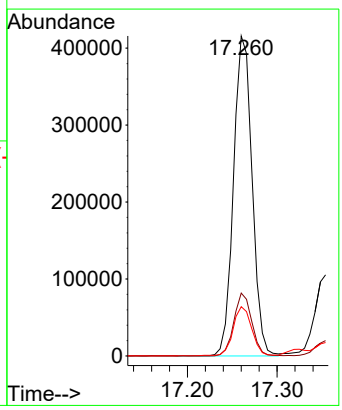


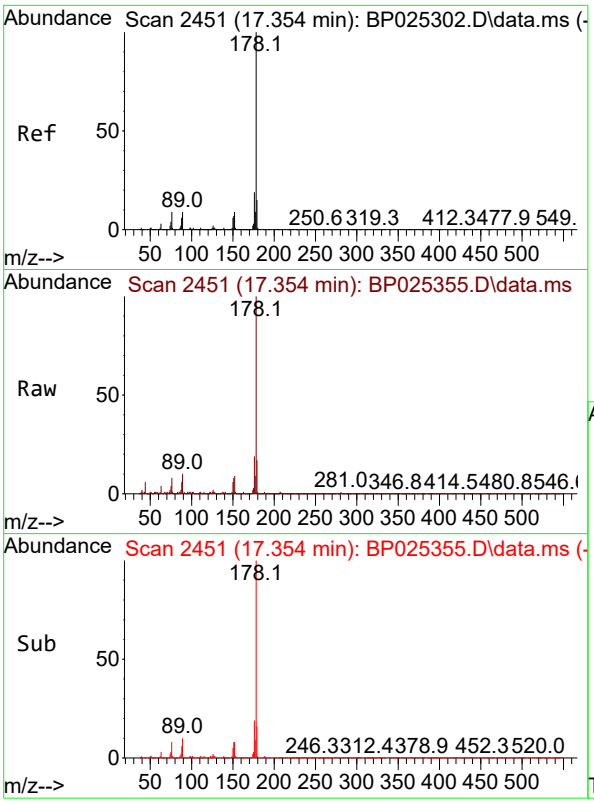


#71
Phenanthrene
Concen: 10.491 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:178 Resp: 598428

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.4	12.1	18.1



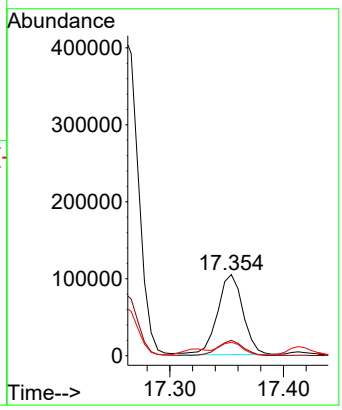


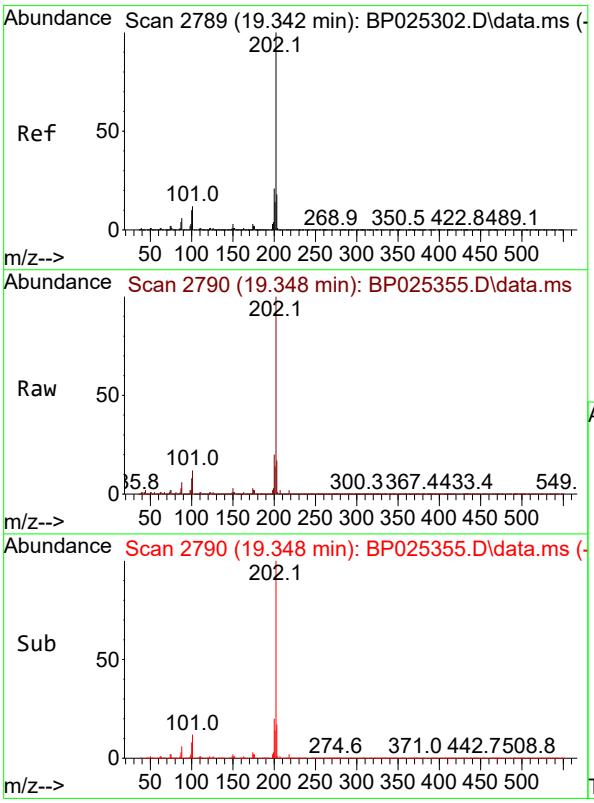
#72
Anthracene
Concen: 2.809 ng
RT: 17.354 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:178 Resp: 161588

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	16.5	12.3	18.5

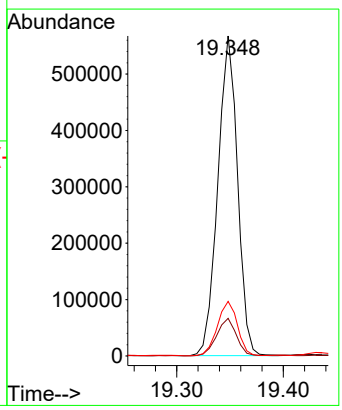


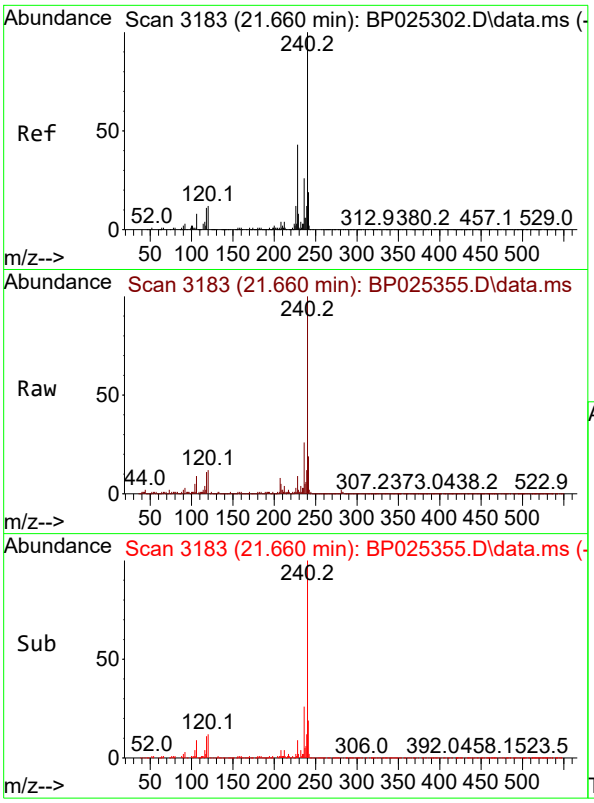


#75
Fluoranthene
Concen: 11.027 ng
RT: 19.348 min Scan# 2790
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:202 Resp: 728181

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.5
203	17.0	0.0	37.6



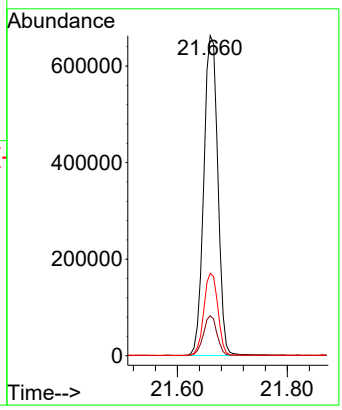


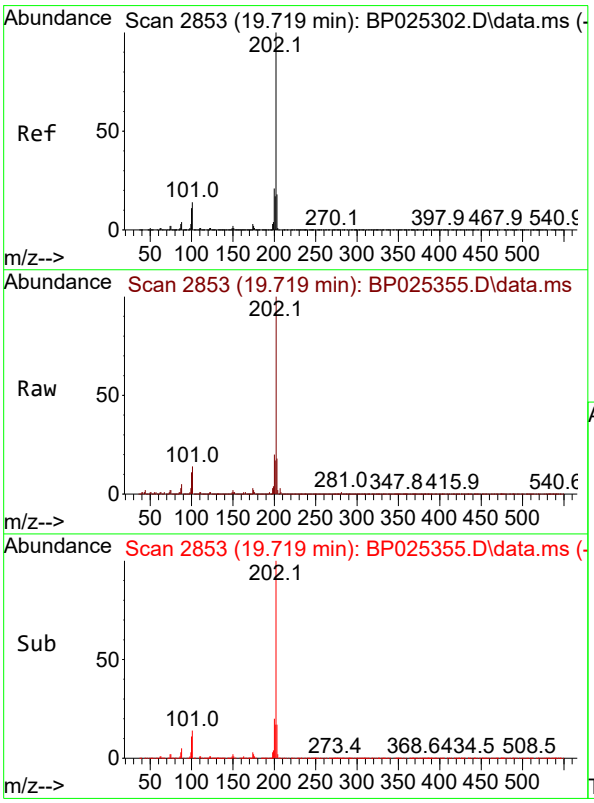
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:240 Resp: 1178180

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.6	14.4
236	25.7	20.4	30.6

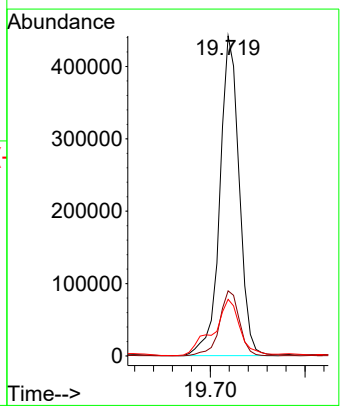


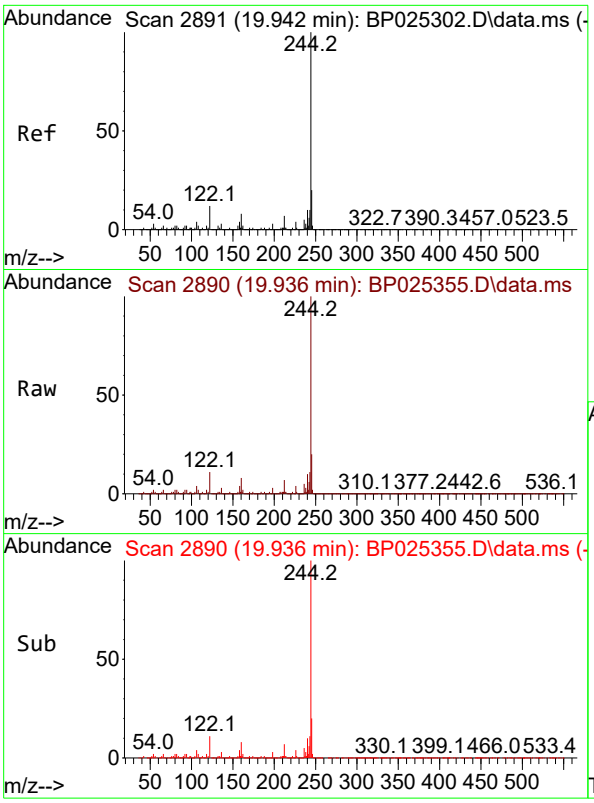


#78
Pyrene
Concen: 8.008 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:202 Resp: 627430

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	17.7	14.1	21.1



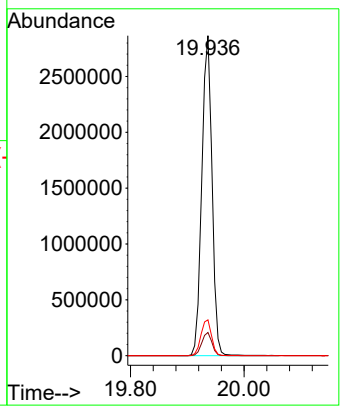


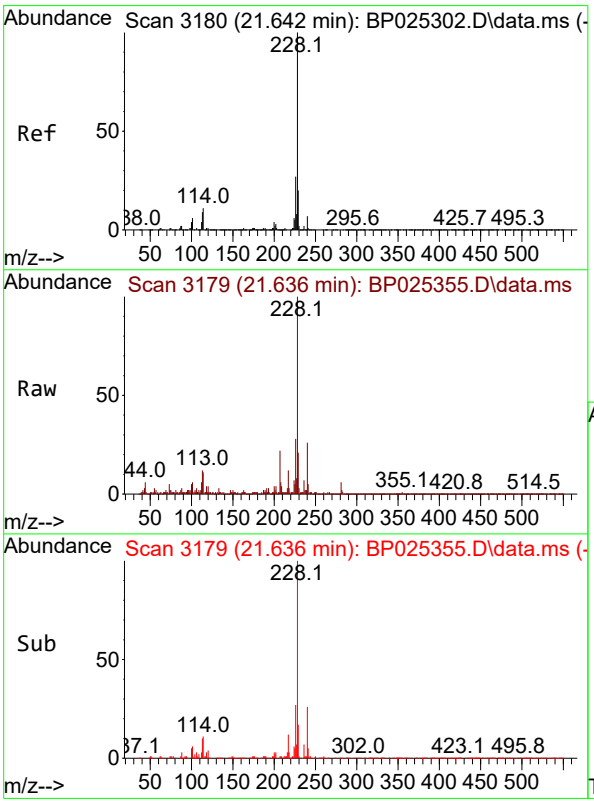
#79
Terphenyl-d14
Concen: 57.353 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:244 Resp: 3577543

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.2	9.5	14.3

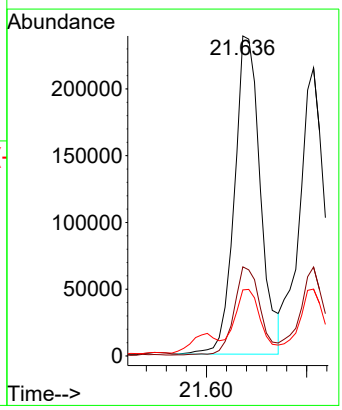


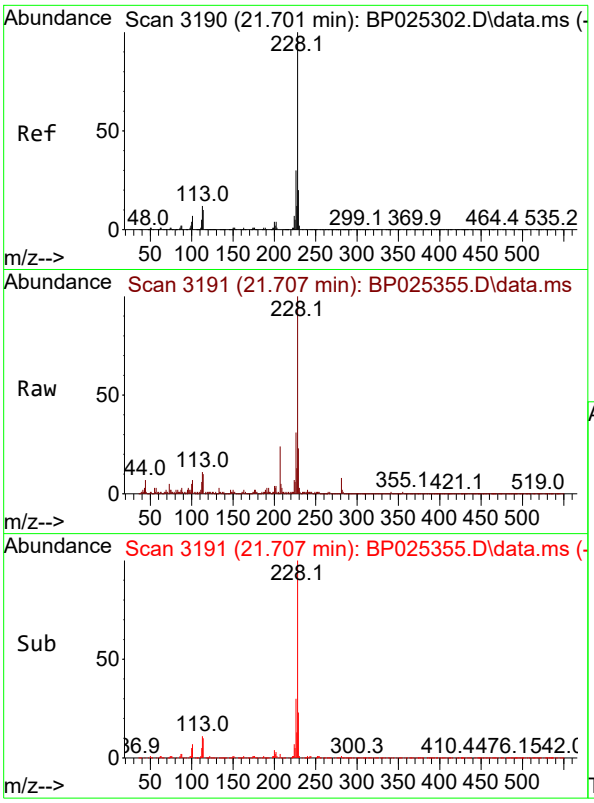


#81
Benzo(a)anthracene
Concen: 5.469 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:228 Resp: 428175

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.7	16.0	24.0



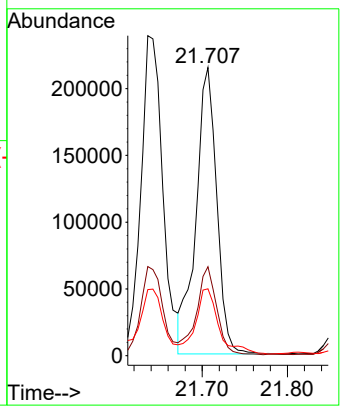


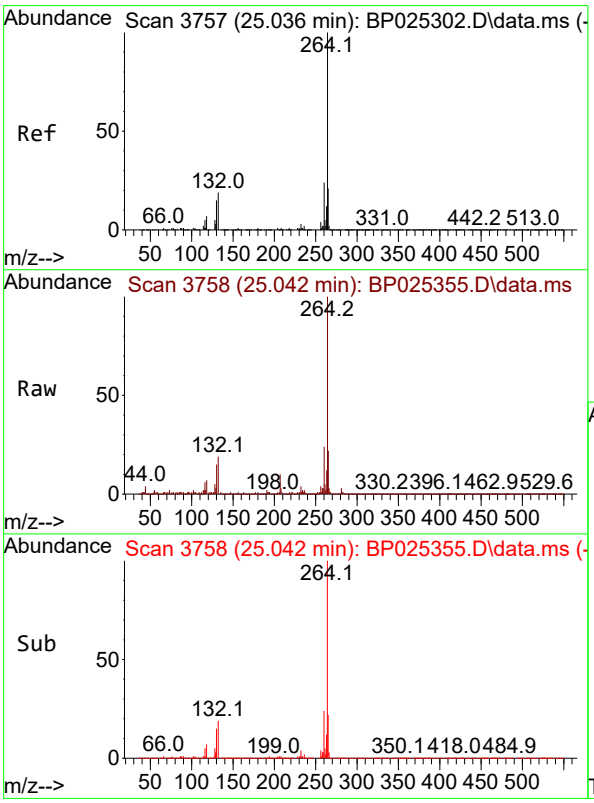
#83
Chrysene
Concen: 5.010 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:228 Resp: 363828

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	23.2	15.9	23.9

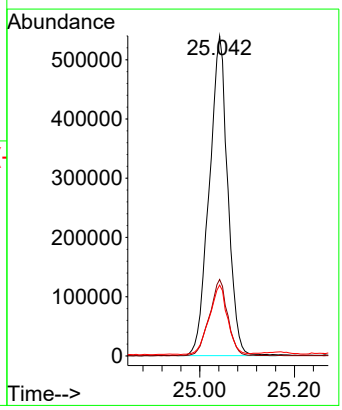


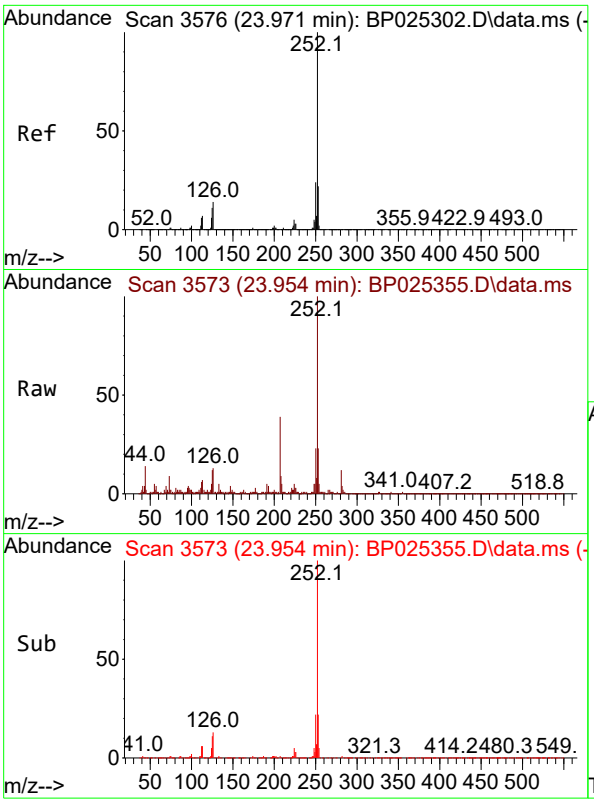


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.006 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:264 Resp: 1457049

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.1	25.7



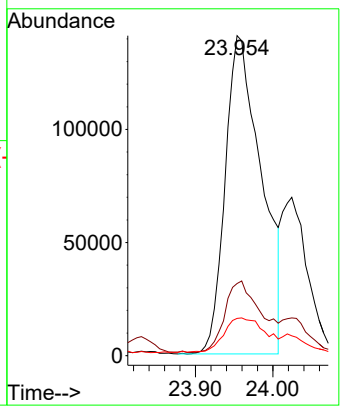


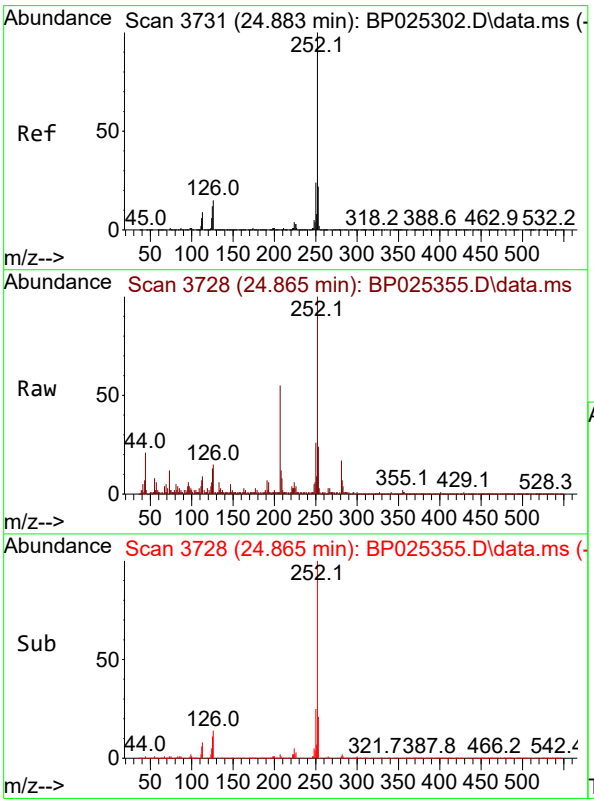
#88
Benzo(b)fluoranthene
Concen: 5.252 ng
RT: 23.954 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Instrument :
BNA_P
ClientSampleId :
COMP-3

Tgt Ion:252 Resp: 458073

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.7	8.5	12.7

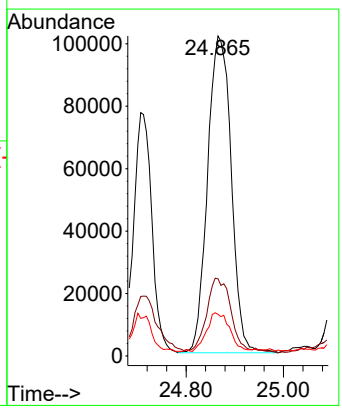




#90
Benzo(a)pyrene
Concen: 4.075 ng
RT: 24.865 min Scan# 3728
Delta R.T. -0.018 min
Lab File: BP025355.D
Acq: 11 Aug 2025 19:34

Tgt Ion:252 Resp: 342325

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	13.0	9.4	14.0



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date(s): 08/05/2025 08/05/2025

Calibration Time(s): 12:03 16:51

LAB FILE ID: RRF2.5 = BP025298.D RRF005 = BP025299.D RRF010 = BP025300.D
RRF020 = BP025301.D RRF040 = BP025302.D RRF050 = BP025303.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.244	2.9
Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.637	4.4
Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.361	10.2
Naphthalene		1.093	1.014	1.044	1.017	1.075	1.038	3.8
2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.448	5.2
Fluorene		1.500	1.398	1.379	1.316	1.360	1.343	7.8
2,4,6-Tribromophenol	0.151	0.171	0.182	0.210	0.212	0.229	0.200	14.1
Phenanthrene		1.161	1.101	1.097	1.073	1.132	1.095	4.4
Anthracene		1.104	1.093	1.129	1.095	1.151	1.105	4.1
Pyrene		1.321	1.314	1.350	1.289	1.406	1.330	3.2
Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.059	5.5
Benzo(a)anthracene		1.346	1.308	1.357	1.302	1.382	1.329	3.1
Chrysene		1.257	1.193	1.257	1.217	1.289	1.233	3.5
Benzo(b)fluoranthene		1.182	1.151	1.194	1.179	1.290	1.197	3.8
Benzo(a)pyrene		1.116	1.108	1.148	1.151	1.229	1.153	3.7
Indeno(1,2,3-cd)pyrene		1.374	1.302	1.436	1.443	1.546	1.434	5.5
Benzo(g,h,i)perylene		1.126	1.051	1.149	1.153	1.243	1.152	5.0

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025298.D 5 =BP025299.D 10 =BP025300.D 20 =BP025301.D 40 =BP025302.D 50 =BP025303.D 60 =BP025304.D 80 =BP0253
05.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.536	0.502	0.479	0.481	0.495	0.482	0.460	0.491	4.85
3)		Pyridine		1.368	1.344	1.341	1.340	1.407	1.397	1.347	1.363	2.06
4)		n-Nitrosodimet...			0.607	0.627	0.611	0.661	0.656	0.636	0.633	3.51
5)	S	2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.287	1.225	1.244	2.88
6)		Aniline		2.182	2.099	2.208	2.218	2.385	2.403	2.231	2.247	4.88
7)	S	Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.744	1.629	1.637	4.44
8)		2-Chlorophenol		1.251	1.264	1.355	1.350	1.451	1.463	1.394	1.361	6.09
9)		Benzaldehyde			1.132	1.083	1.402	1.409	1.095	0.852	1.162	18.31
10)	C	Phenol		1.694	1.677	1.728	1.731	1.844	1.859	1.725	1.751	4.08
11)		bis(2-Chloroet...		1.389	1.311	1.360	1.337	1.440	1.440	1.328	1.372	3.83
12)		1,3-Dichlorobe...		1.591	1.515	1.526	1.473	1.575	1.556	1.469	1.529	3.13
13)	C	1,4-Dichlorobe...		1.613	1.509	1.536	1.508	1.601	1.579	1.484	1.547	3.27
14)		1,2-Dichlorobe...		1.562	1.451	1.490	1.455	1.551	1.538	1.445	1.499	3.39
15)		Benzyl Alcohol			1.130	1.229	1.244	1.359	1.381	1.268	1.269	7.25
16)		2,2'-oxybis(1-...		2.272	2.091	2.159	2.107	2.251	2.258	2.033	2.167	4.37
17)		2-Methylphenol		1.093	1.085	1.156	1.176	1.253	1.264	1.175	1.172	5.95
18)		Hexachloroethane		0.563	0.532	0.540	0.540	0.572	0.577	0.550	0.553	3.17
19)	P	n-Nitroso-di-n...	0.989	1.103	1.026	1.062	1.080	1.146	1.171	1.024	1.075	5.84
20)		3+4-Methylphenols			1.447	1.566	1.587	1.713	1.754	1.613	1.613	6.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.524	0.498	0.510	0.493	0.517	0.501	0.472	0.502	3.44
23)	S	Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.394	0.379	0.361	10.24
24)		Nitrobenzene		0.311	0.312	0.347	0.344	0.373	0.359	0.346	0.342	6.69
25)		Isophorone		0.727	0.682	0.702	0.713	0.759	0.756	0.691	0.719	4.22
26)	C	2-Nitrophenol		0.082	0.085	0.115	0.128	0.149	0.156	0.163	0.126	26.35
27)		2,4-Dimethylph...		0.380	0.319	0.308	0.324	0.342	0.335	0.311	0.331	7.40
28)		bis(2-Chloroet...		0.457	0.415	0.437	0.431	0.457	0.450	0.413	0.437	4.28
29)	C	2,4-Dichloroph...		0.249	0.259	0.293	0.296	0.317	0.315	0.300	0.290	9.05
30)		1,2,4-Trichlor...		0.328	0.312	0.324	0.312	0.334	0.321	0.309	0.320	2.92
31)		Naphthalene		1.093	1.014	1.044	1.017	1.075	1.049	0.977	1.038	3.77
32)		Benzoic acid			0.070	0.127	0.169	0.191	0.217	0.233	0.168	36.22
33)		4-Chloroaniline		0.449	0.435	0.460	0.459	0.495	0.482	0.453	0.462	4.41
34)	C	Hexachlorobuta...		0.191	0.178	0.185	0.180	0.188	0.185	0.180	0.184	2.60
35)		Caprolactam			0.095	0.105	0.115	0.122	0.124	0.113	0.113	9.54
36)	C	4-Chloro-3-met...		0.310	0.303	0.327	0.341	0.368	0.363	0.338	0.336	7.31
37)		2-Methylnaphth...		0.697	0.653	0.665	0.656	0.701	0.688	0.644	0.672	3.41
38)		1-Methylnaphth...		0.742	0.683	0.703	0.684	0.739	0.706	0.650	0.701	4.63

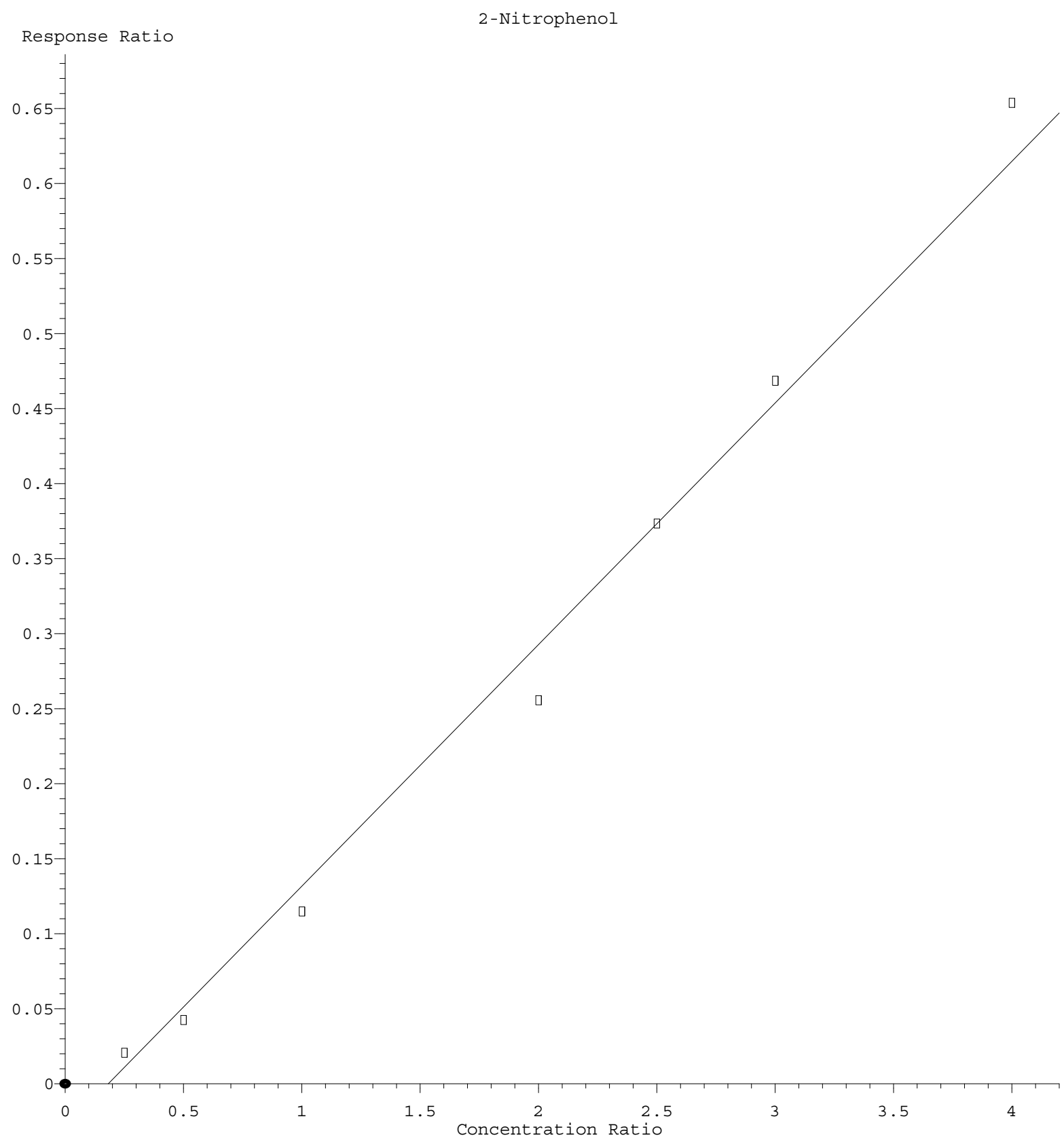
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...		0.551	0.530	0.564	0.547	0.557	0.542	0.532	0.546	2.32
41)	P	Hexachlorocycl...			0.291	0.324	0.331	0.358	0.355	0.363	0.337	8.13
42)	S	2,4,6-Tribromo...	0.151	0.171	0.182	0.210	0.212	0.229	0.225	0.215	0.200	14.11
43)	C	2,4,6-Trichlor...		0.279	0.301	0.359	0.367	0.395	0.386	0.383	0.353	12.75
44)		2,4,5-Trichlor...		0.310	0.342	0.408	0.412	0.437	0.438	0.423	0.396	12.56
45)	S	2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.389	1.303	1.448	5.17
46)		1,1'-Biphenyl		1.518	1.461	1.524	1.449	1.517	1.454	1.395	1.474	3.26
47)		2-Chloronaphth...		1.138	1.098	1.157	1.106	1.159	1.124	1.089	1.124	2.50
48)		2-Nitroaniline		0.187	0.212	0.287	0.308	0.344	0.341	0.337	0.288	22.33
49)		Acenaphthylene		1.859	1.841	1.901	1.868	1.971	1.890	1.800	1.876	2.86
50)		Dimethylphthalate		1.522	1.403	1.470	1.431	1.532	1.474	1.373	1.458	4.05
51)		2,6-Dinitrotol...		0.178	0.217	0.278	0.287	0.308	0.309	0.304	0.269	19.03
52)	C	Acenaphthene		1.164	1.120	1.156	1.114	1.201	1.147	1.107	1.144	2.92
53)		3-Nitroaniline		0.217	0.256	0.317	0.333	0.362	0.360	0.359	0.315	18.17
54)	P	2,4-Dinitrophenol			0.059	0.080	0.095	0.117	0.129	0.149	0.105	31.45
55)		Dibenzofuran		1.804	1.711	1.735	1.681	1.762	1.700	1.574	1.710	4.25
56)	P	4-Nitrophenol			0.199	0.270	0.284	0.308	0.308	0.298	0.278	14.89
57)		2,4-Dinitrotol...		0.213	0.257	0.361	0.390	0.431	0.432	0.430	0.359	25.01
58)		Fluorene		1.500	1.398	1.379	1.316	1.360	1.284	1.163	1.343	7.79
59)		2,3,4,6-Tetrac...		0.262	0.286	0.339	0.344	0.366	0.366	0.351	0.331	12.26
60)		Diethylphthalate		1.518	1.416	1.498	1.440	1.528	1.508	1.381	1.470	3.91
61)		4-Chlorophenyl...		0.722	0.638	0.651	0.631	0.642	0.614	0.558	0.637	7.67
62)		4-Nitroaniline		0.227	0.263	0.324	0.338	0.348	0.344	0.339	0.312	15.24
63)		Azobenzene		1.412	1.340	1.375	1.351	1.400	1.376	1.306	1.366	2.67
64)	I	Phenanthrene-d10	----------ISTD----------									
65)		4,6-Dinitro-2-...			0.041	0.063	0.075	0.093	0.102	0.107	0.080	31.69
66)	c	n-Nitrosodiphe...		0.606	0.601	0.618	0.605	0.638	0.624	0.572	0.609	3.40
67)		4-Bromophenyl-...		0.200	0.194	0.202	0.199	0.211	0.208	0.194	0.201	3.31
68)		Hexachlorobenzene		0.232	0.222	0.224	0.220	0.233	0.231	0.218	0.226	2.78
69)		Atrazine		0.201	0.199	0.218	0.212	0.231	0.229	0.209	0.214	5.78
70)	C	Pentachlorophenol			0.104	0.139	0.144	0.161	0.160	0.156	0.144	14.88
71)		Phenanthrene		1.161	1.101	1.097	1.073	1.132	1.097	1.007	1.095	4.40
72)		Anthracene		1.104	1.093	1.129	1.095	1.151	1.143	1.017	1.105	4.08
73)		Carbazole		1.062	1.069	1.086	1.052	1.101	1.067	0.985	1.060	3.46
74)		Di-n-butylphth...		1.198	1.188	1.337	1.290	1.376	1.369	1.221	1.283	6.30
75)	C	Fluoranthene		1.321	1.288	1.291	1.252	1.314	1.268	1.143	1.268	4.74
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine			0.668	0.762	0.970	0.726	0.642	0.574	0.724	18.96
78)		Pyrene		1.321	1.314	1.350	1.289	1.406	1.348	1.282	1.330	3.21
79)	S	Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.017	0.947	1.059	5.47
80)		Butylbenzylpht...		0.399	0.413	0.554	0.565	0.627	0.631	0.586	0.539	17.70
81)		Benzo(a)anthra...		1.346	1.308	1.357	1.302	1.382	1.349	1.260	1.329	3.11
82)		3,3'-Dichlorob...			0.414	0.484	0.473	0.501	0.481	0.461	0.469	6.39
83)		Chrysene		1.257	1.193	1.257	1.217	1.289	1.250	1.165	1.233	3.49
84)		Bis(2-ethylhex...		0.735	0.713	0.903	0.892	0.939	0.965	0.882	0.861	11.39
85)	c	Di-n-octyl pht...			1.011	1.434	1.502	1.543	1.634	1.526	1.442	15.32

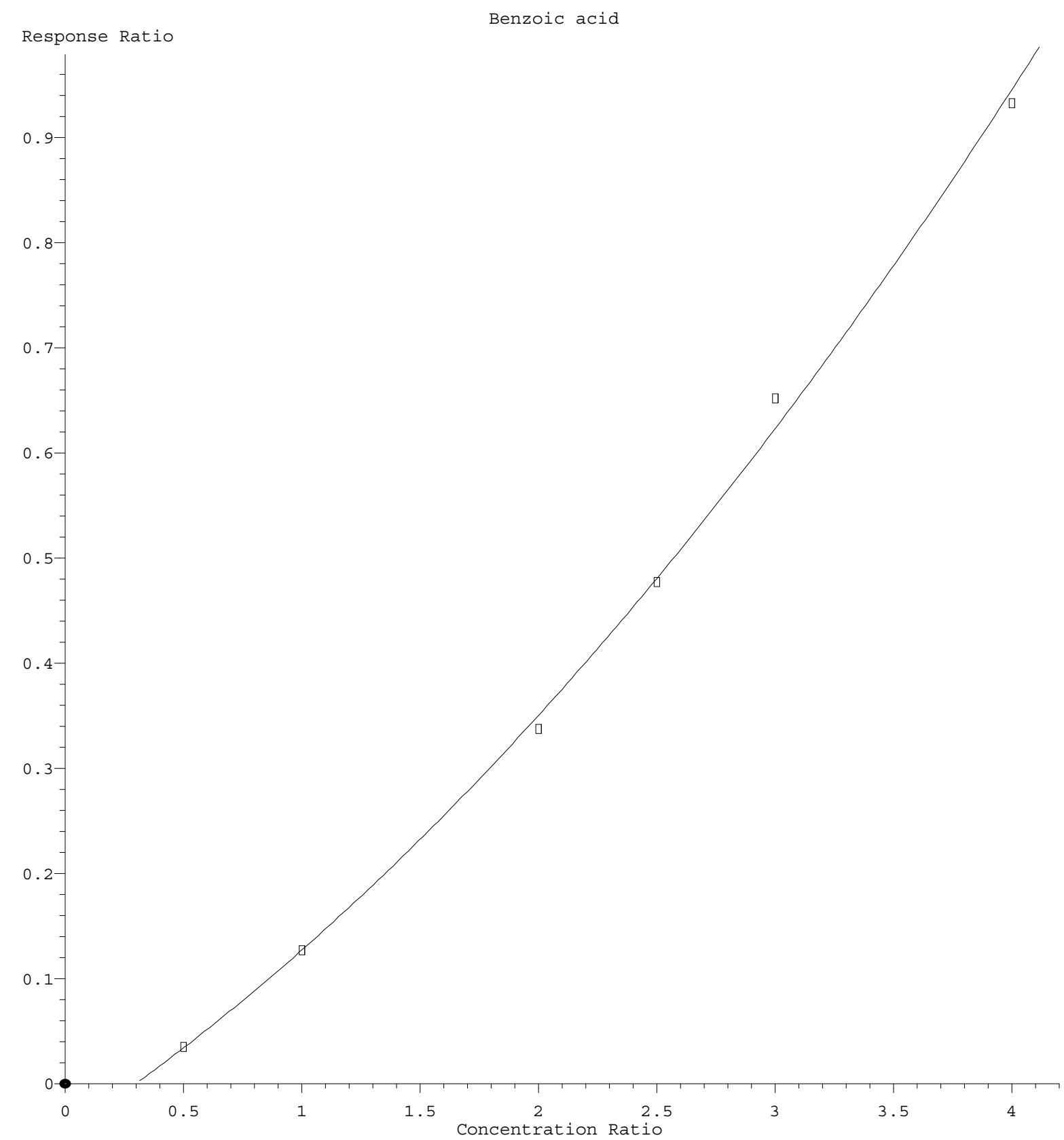
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.374	1.302	1.436	1.443	1.546	1.494	1.440	1.434	5.50
88)		Benzo(b)fluora...	1.182	1.151	1.194	1.179	1.290	1.217	1.168	1.197	3.82
89)		Benzo(k)fluora...	1.191	1.145	1.189	1.171	1.264	1.210	1.139	1.187	3.56
90)	C	Benzo(a)pyrene	1.116	1.108	1.148	1.151	1.229	1.190	1.129	1.153	3.74
91)		Dibenzo(a,h)an...	1.135	1.077	1.166	1.185	1.261	1.219	1.175	1.174	5.02
92)		Benzo(g,h,i)pe...	1.126	1.051	1.149	1.153	1.243	1.186	1.157	1.152	5.04

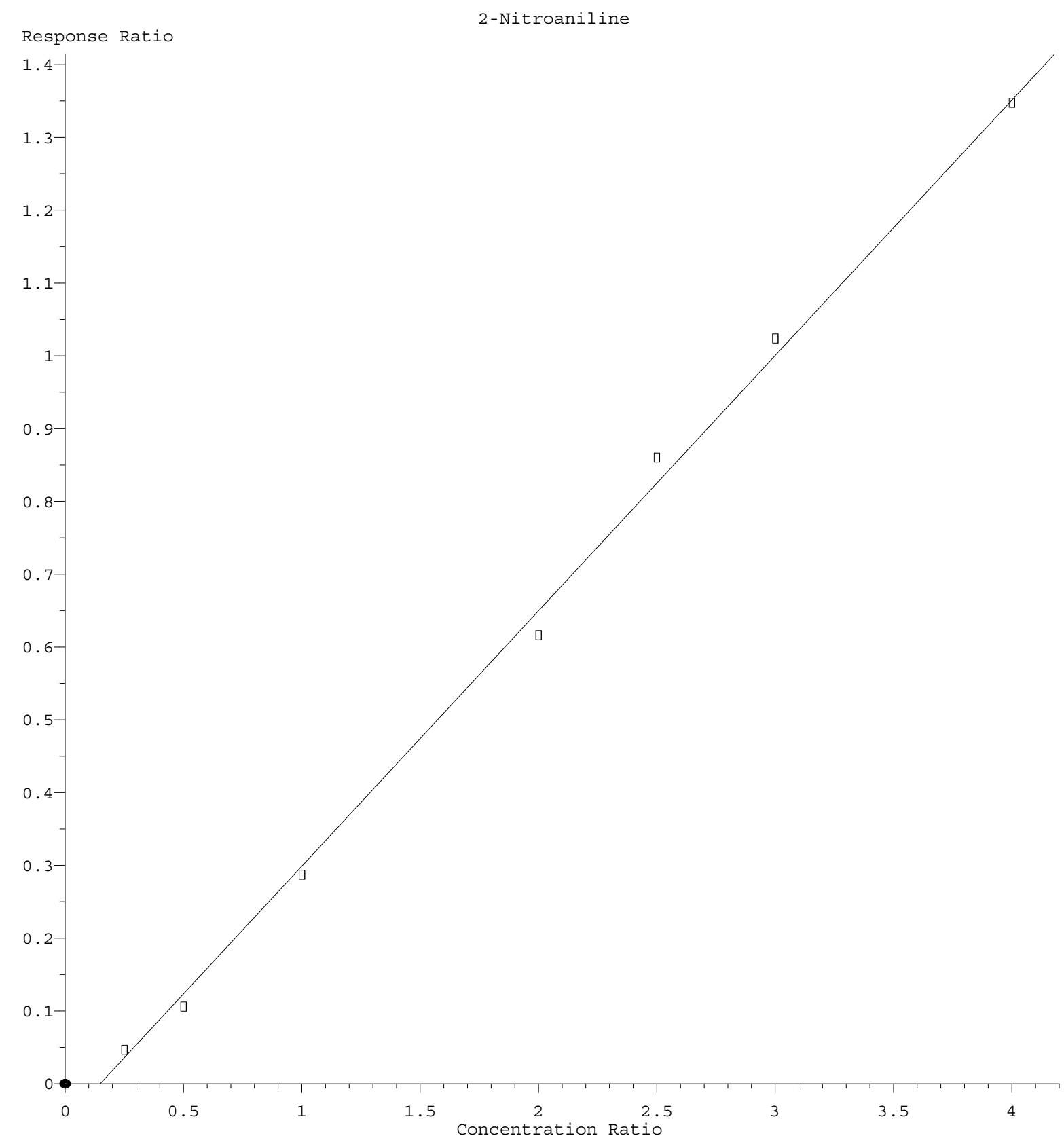
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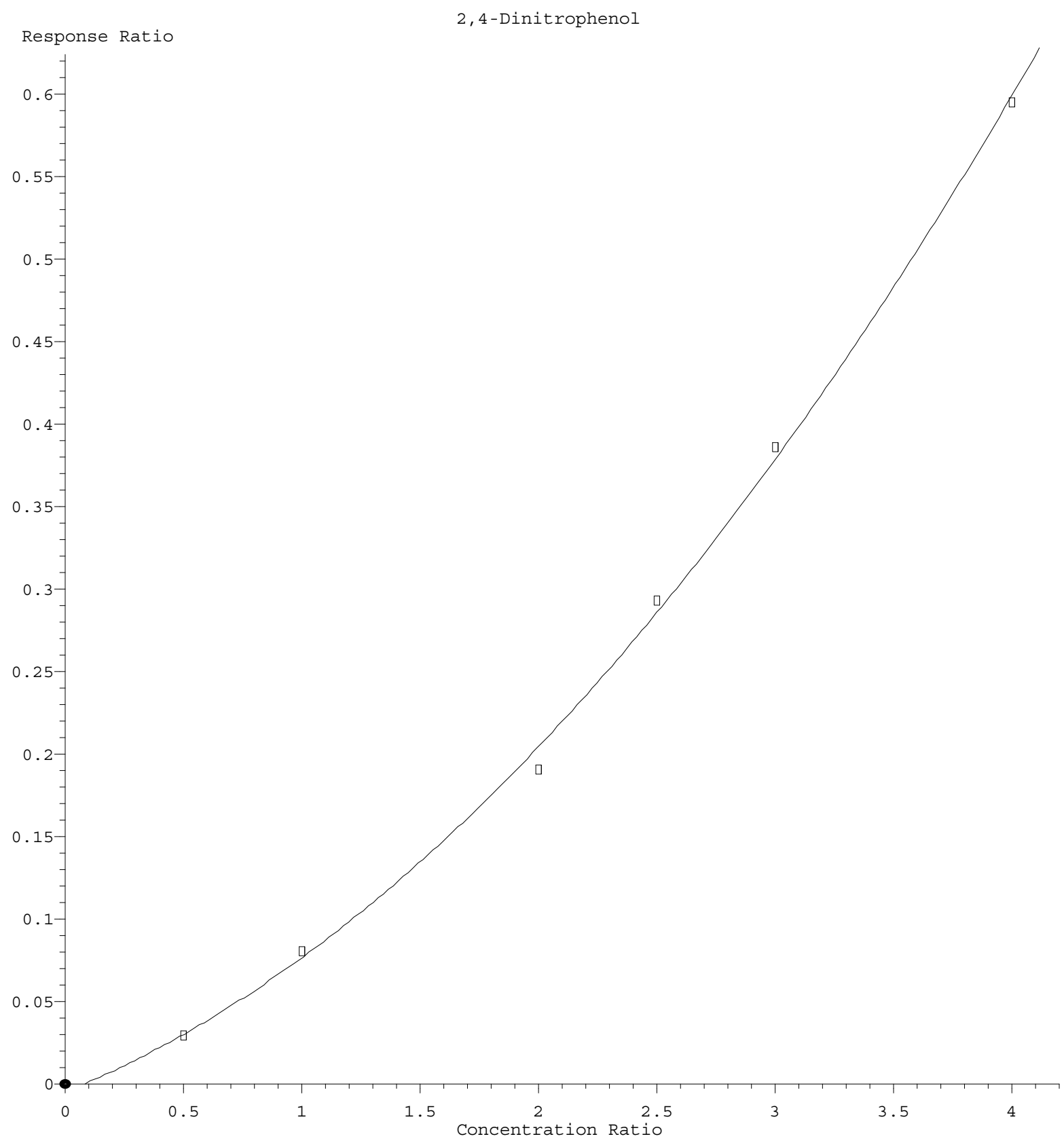
Response = 1.611e-001 * Amt - 2.930e-002
Coef of Det (r^2) = 0.990043 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



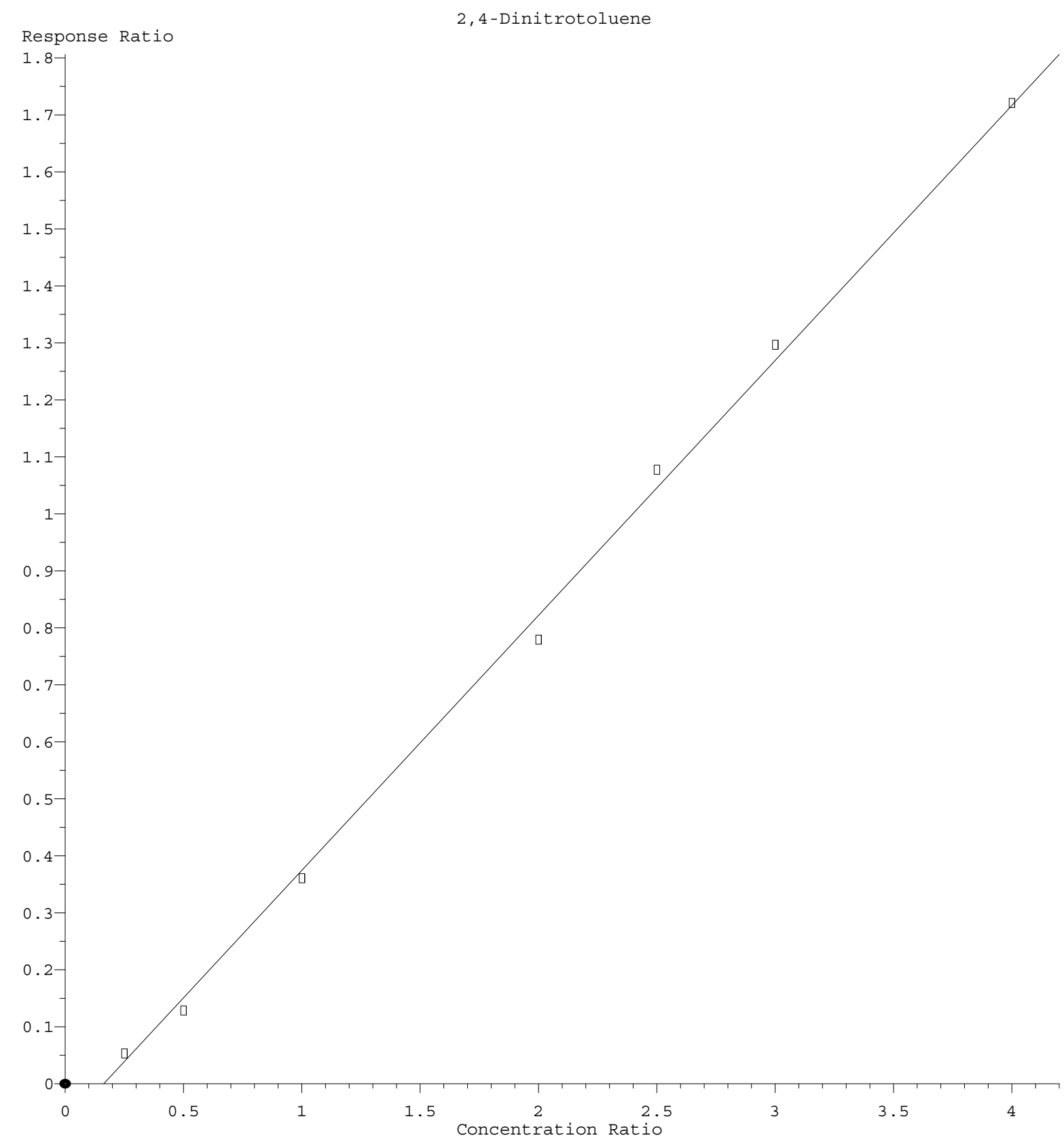
R = 2.477e-002 A*A + 1.489e-001 A - 4.651e-002
Coef of Det (r^2) = 0.998646 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



Response = 3.511e-001 * Amt - 5.203e-002
Coef of Det (r^2) = 0.997329 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

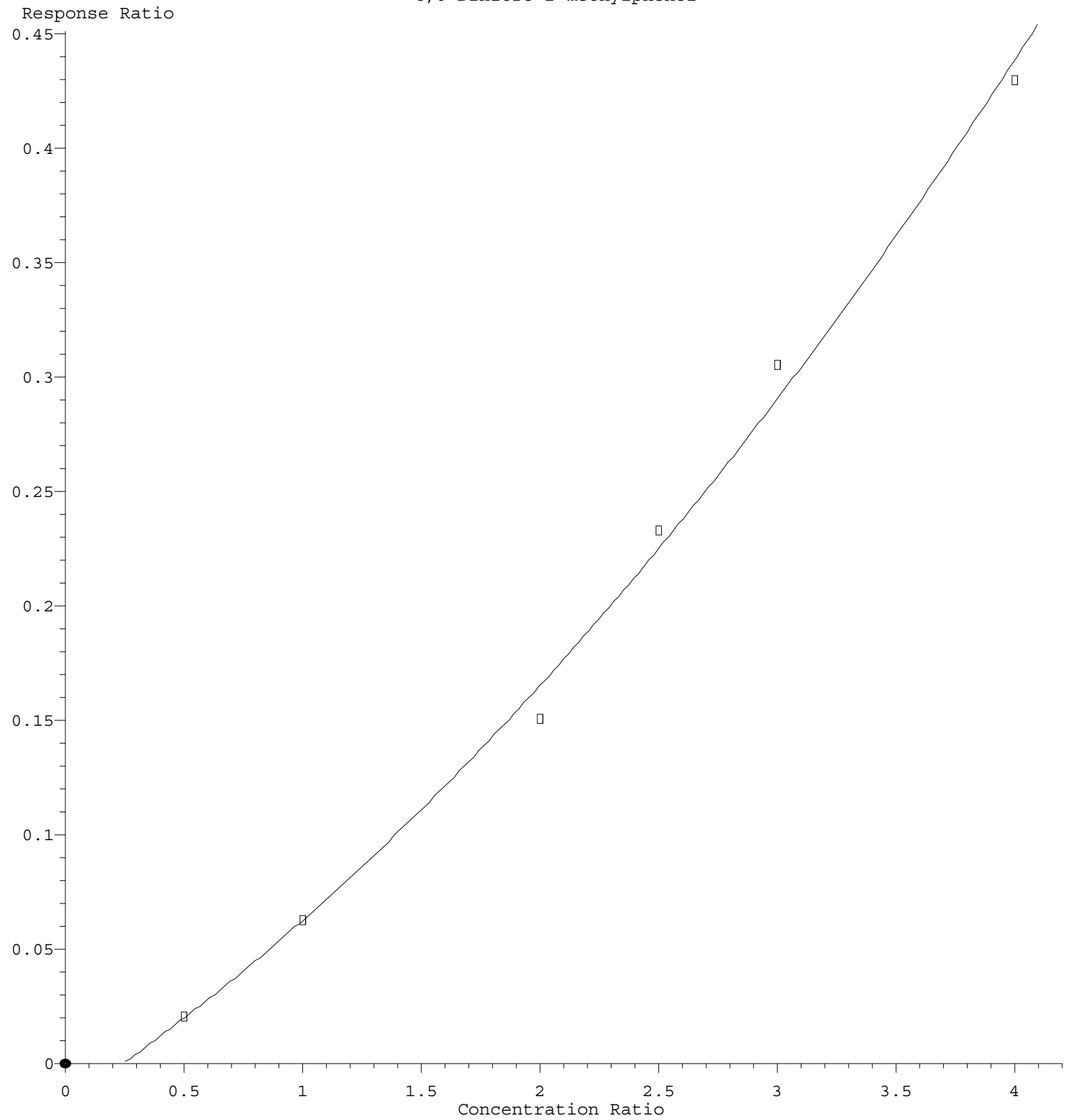


R = 2.317e-002 A*A + 5.829e-002 A - 4.826e-003
Coef of Det (r^2) = 0.998598 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



Response = 4.472e-001 * Amt - 7.278e-002
Coef of Det (r^2) = 0.997623 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

4,6-Dinitro-2-methylphenol



R = 1.136e-002 A*A + 6.849e-002 A - 1.722e-002
Coef of Det (r^2) = 0.996451 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025298.D
Acq On : 05 Aug 2025 12:03
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 06 05:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	172992	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	722061	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	469671	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	927131	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	1039870	20.000	ng	0.00
86) Perylene-d12	25.036	264	1150516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	51334	4.742	ng	-0.01
7) Phenol-d6	6.949	99	66396	4.649	ng	-0.02
23) Nitrobenzene-d5	8.931	82	54242	4.064	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	17694	3.649	ng	-0.01
45) 2-Fluorobiphenyl	13.025	172	176352	5.214	ng	0.00
79) Terphenyl-d14	19.942	244	275667	5.008	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.584	70	21391	2.300	ng	96

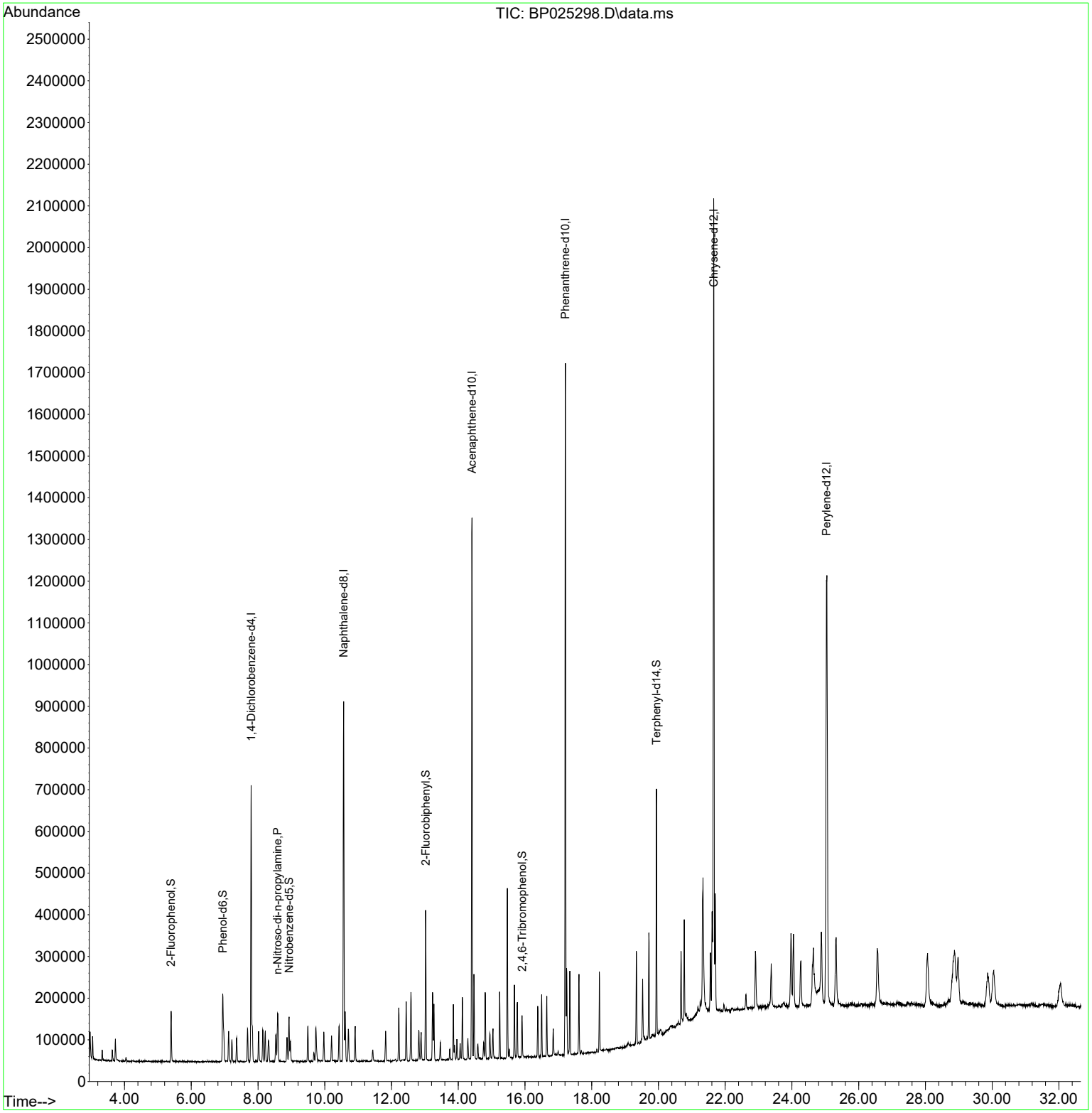
(#) = qualifier out of range (m) = manual integration (+) = signals summed

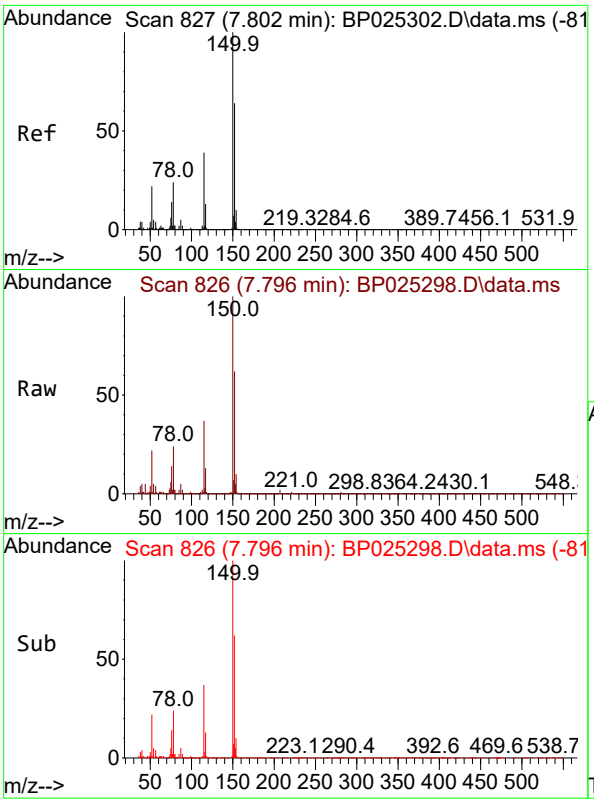
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025298.D
Acq On : 05 Aug 2025 12:03
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 06 05:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



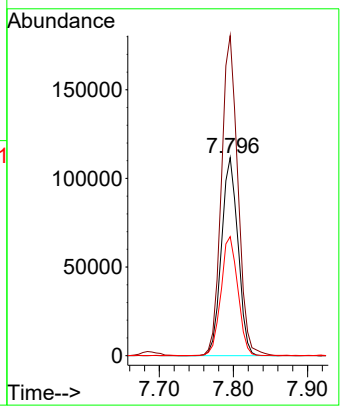


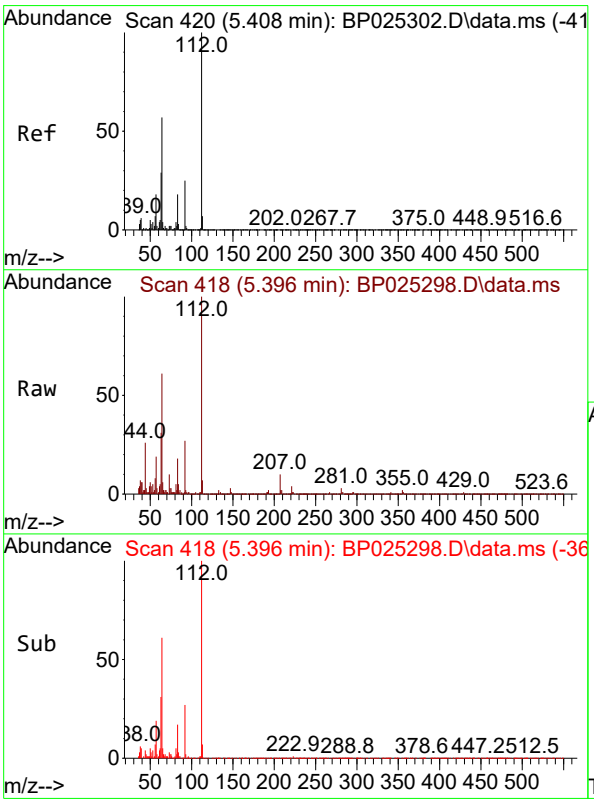
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 172992

Ion	Ratio	Lower	Upper
152	100		
150	161.6	125.1	187.7
115	60.1	48.4	72.6

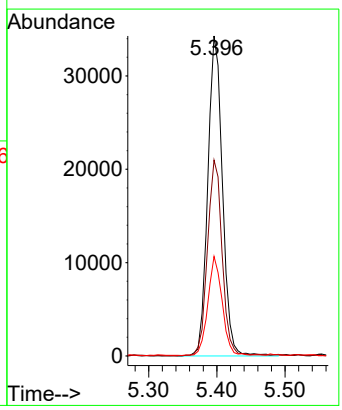


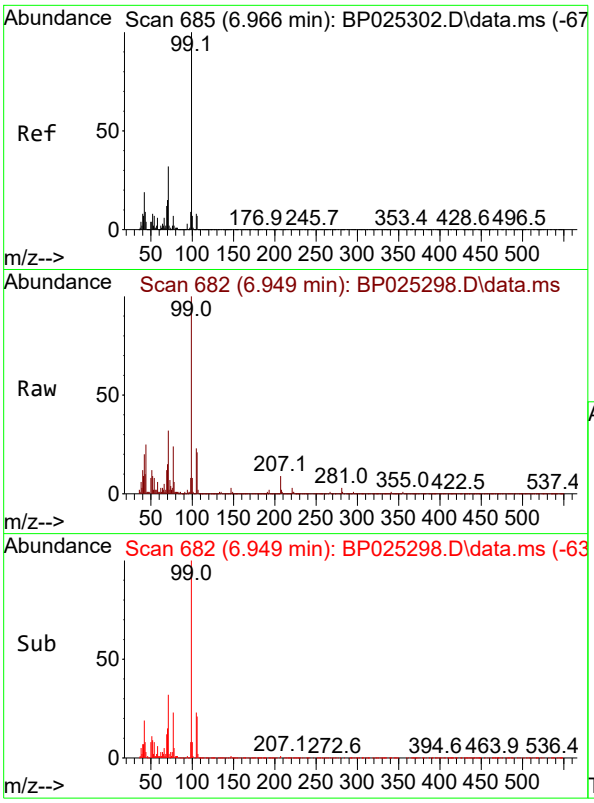


#5
2-Fluorophenol
Concen: 4.742 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:112 Resp: 51334

Ion	Ratio	Lower	Upper
112	100		
64	61.2	45.3	67.9
63	31.1	23.0	34.6



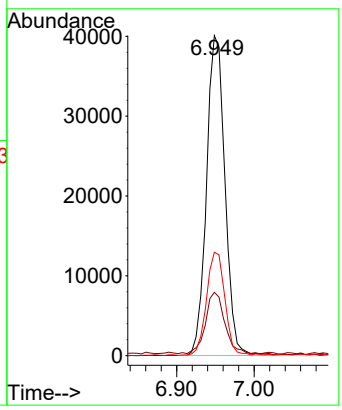


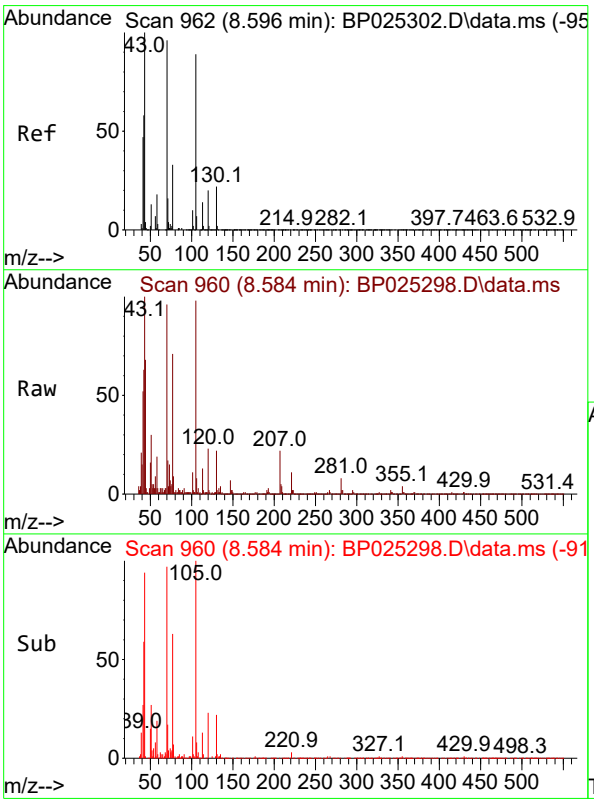
#7
Phenol-d6
Concen: 4.649 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99 Resp: 66396

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.0	22.6
71	32.3	25.5	38.3

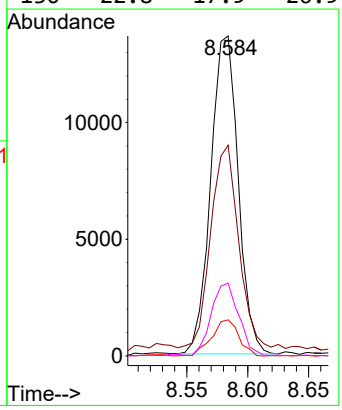


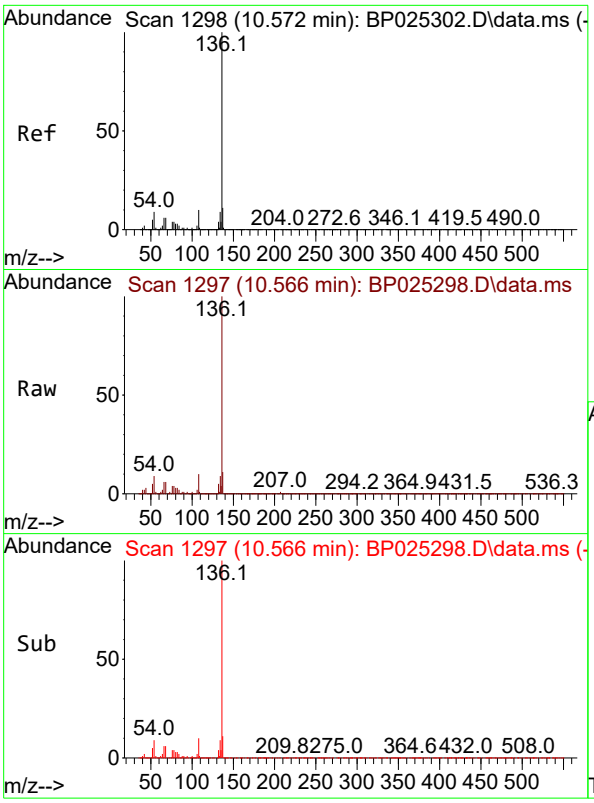


#19
n-Nitroso-di-n-propylamine
Concen: 2.300 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion: 70 Resp: 21391

Ion	Ratio	Lower	Upper
70	100		
42	65.9	49.4	74.0
101	11.3	7.9	11.9
130	22.8	17.9	26.9



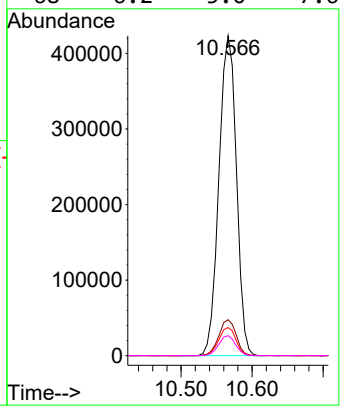


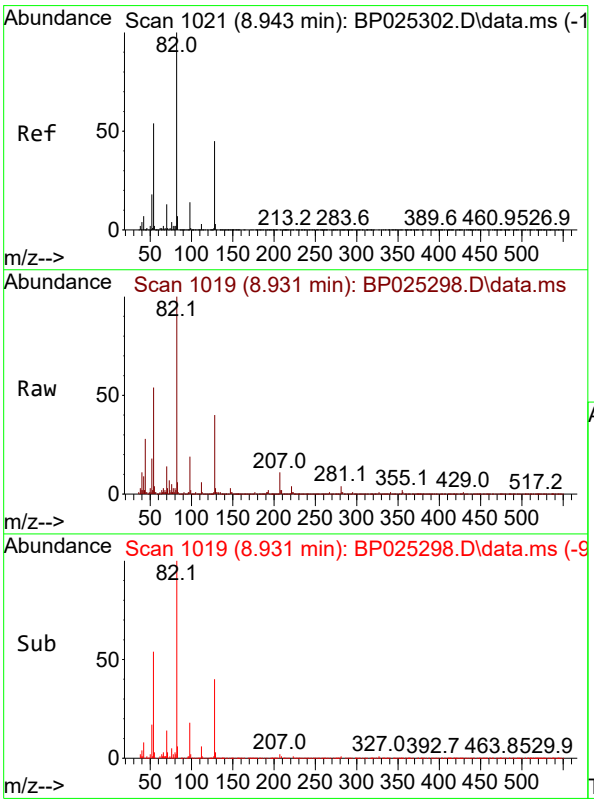
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 722061

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	7.0	10.6
68	6.2	5.0	7.6

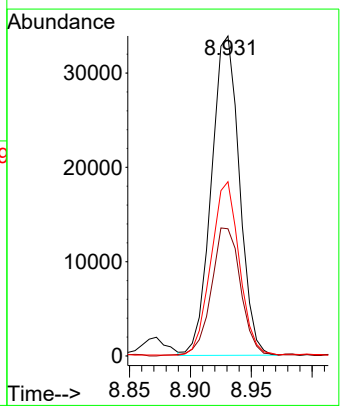


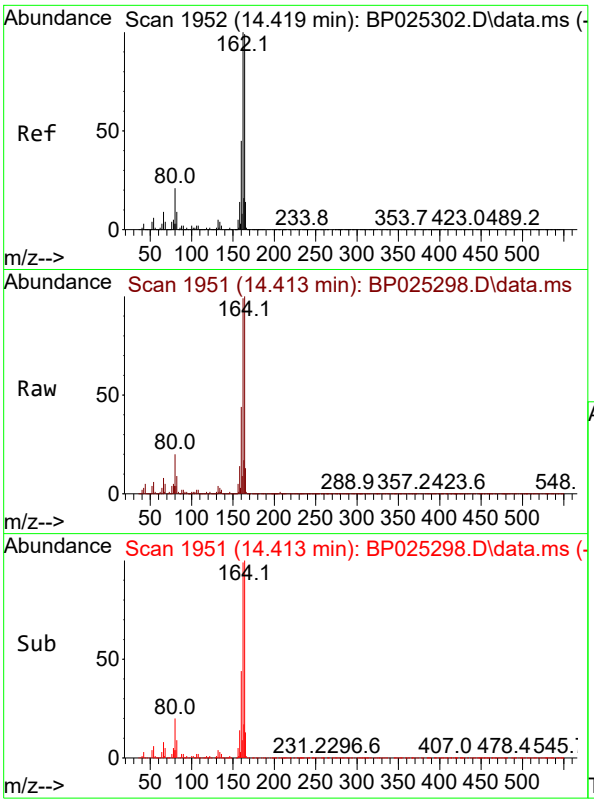


#23
Nitrobenzene-d5
Concen: 4.064 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion: 82 Resp: 54242

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.4	53.2
54	54.5	42.9	64.3



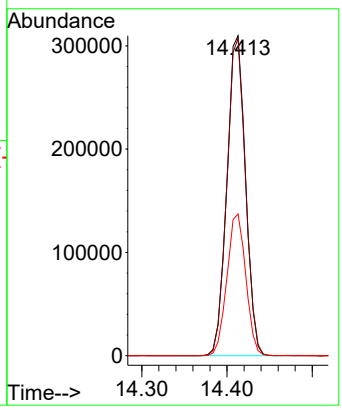


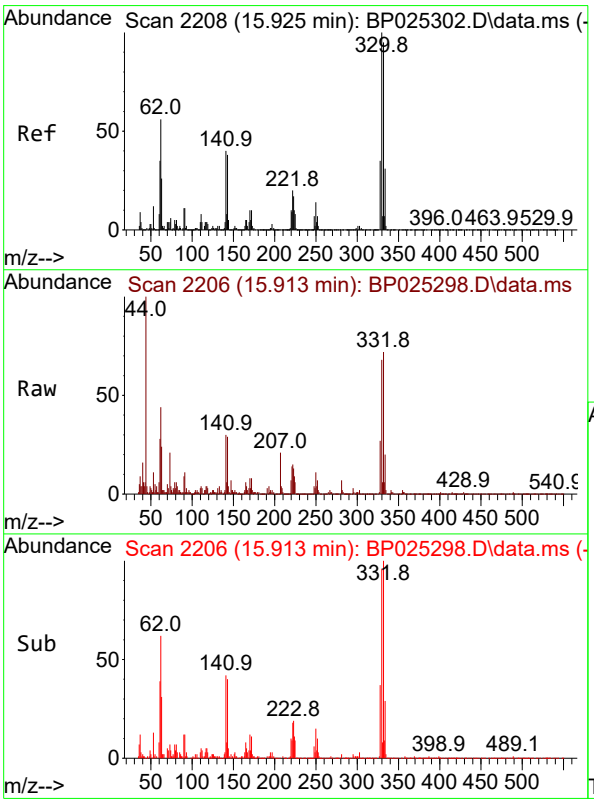
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 469671

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	120.8
160	44.3	35.9	53.9

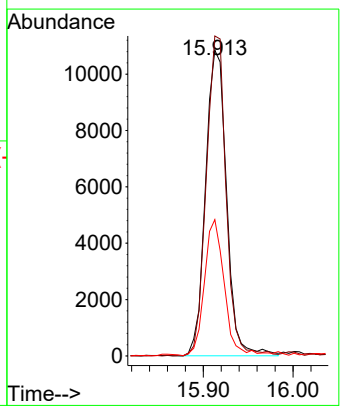


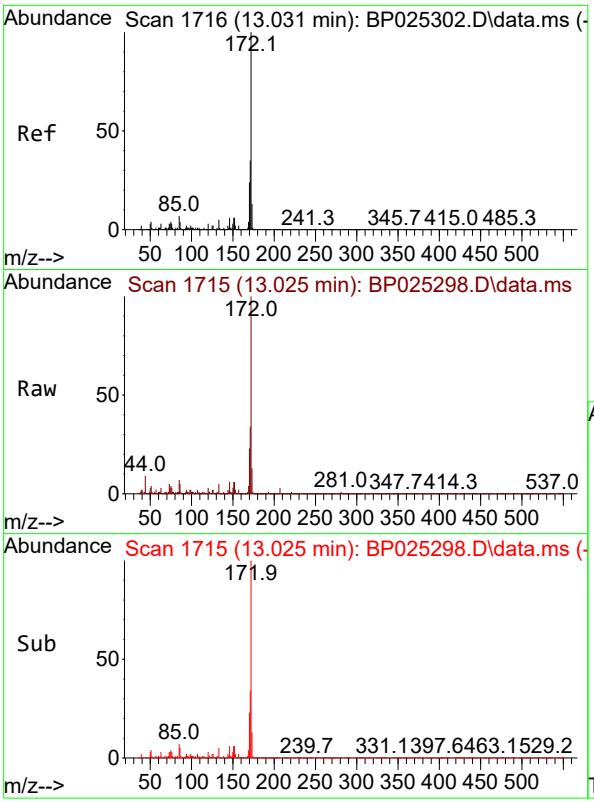


#42
2,4,6-Tribromophenol
Concen: 3.649 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:330 Resp: 17694

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.0
141	41.6	31.7	47.5



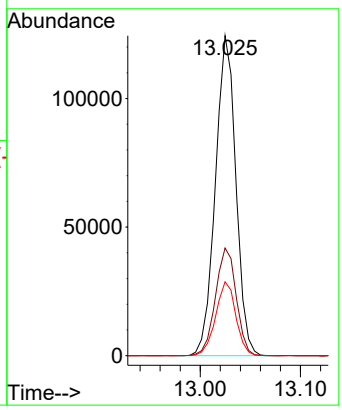


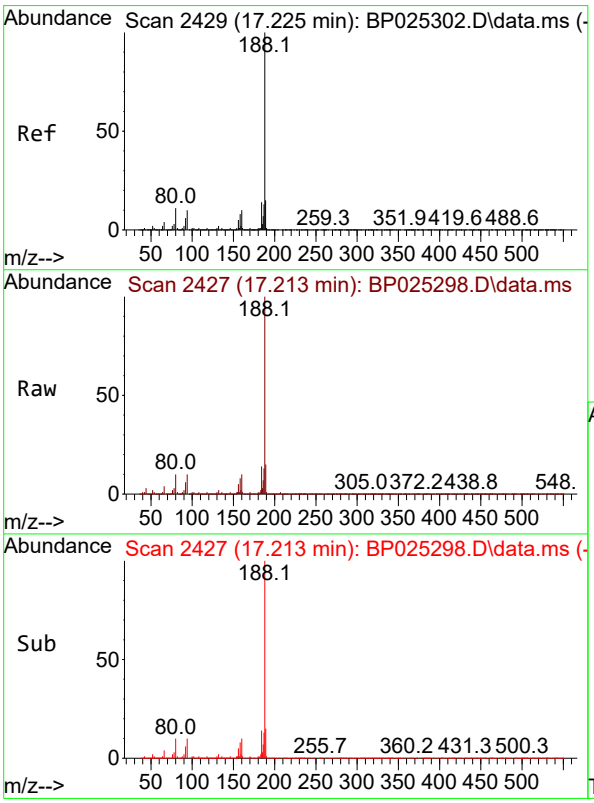
#45
2-Fluorobiphenyl
Concen: 5.214 ng
RT: 13.025 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:172 Resp: 176352

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	23.1	18.9	28.3

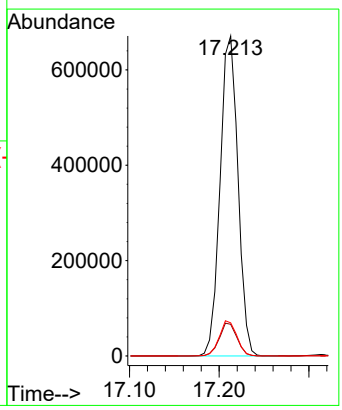


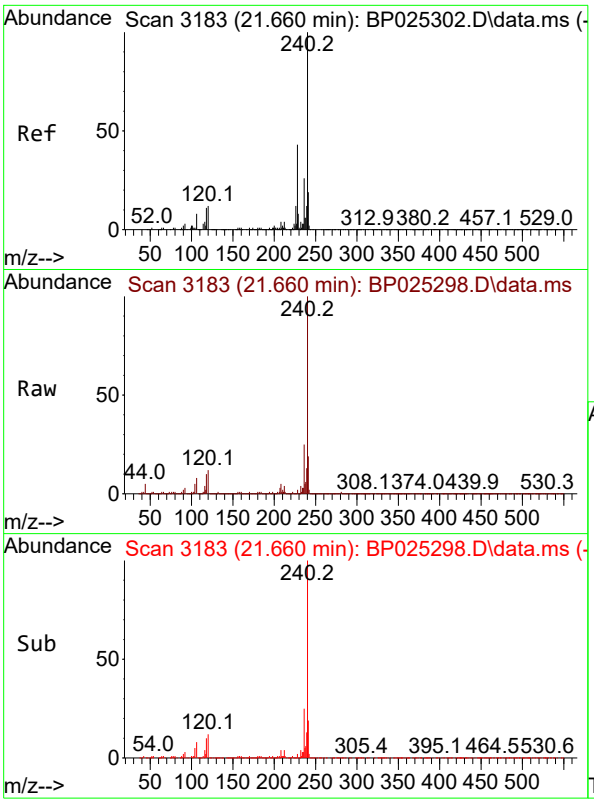


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:188 Resp: 927131

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.5	12.7



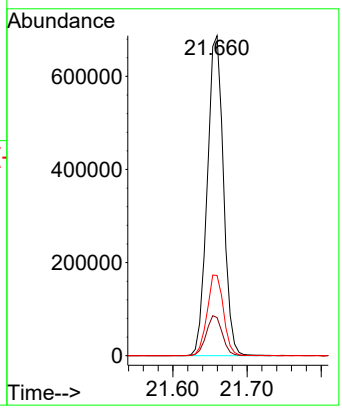


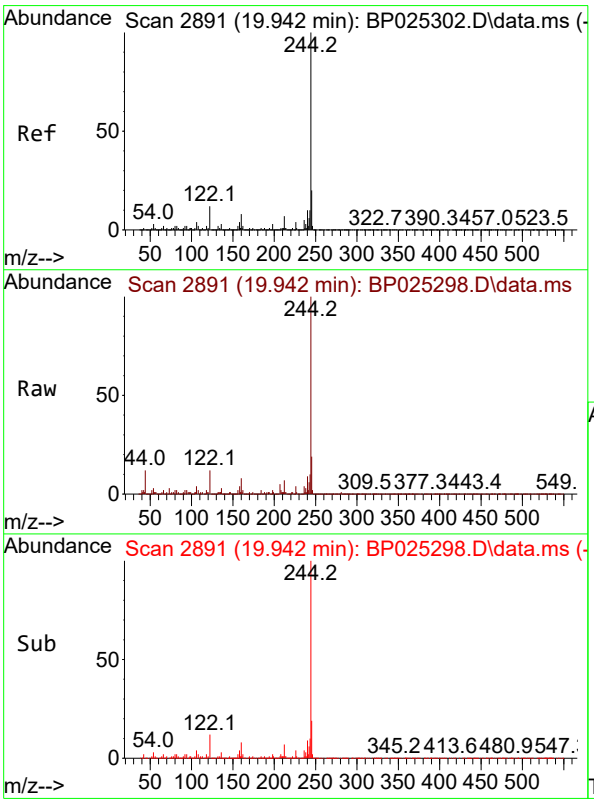
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1039870

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	25.1	20.4	30.6

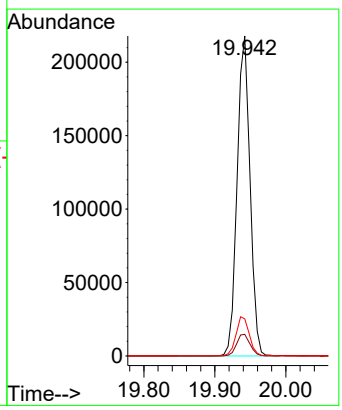


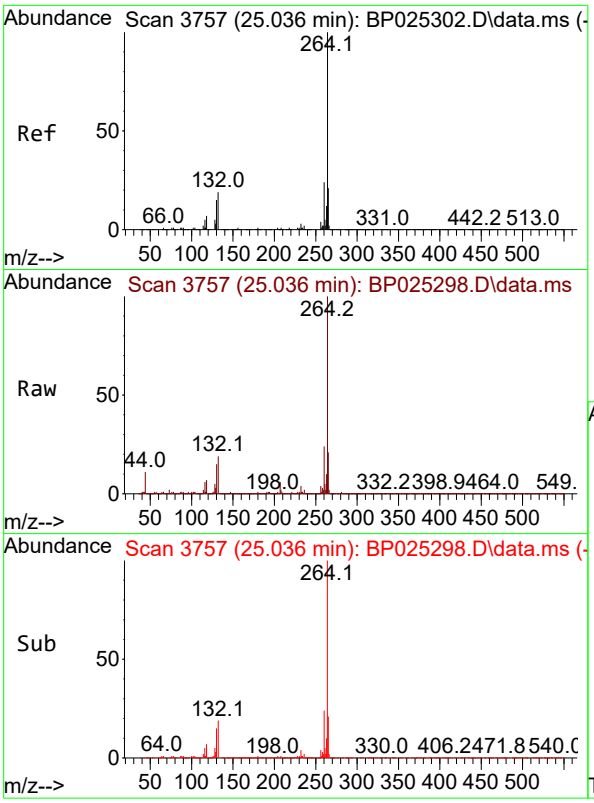


#79
Terphenyl-d14
Concen: 5.008 ng
RT: 19.942 min Scan# 2891
Delta R.T. 0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:244 Resp: 275667

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.6	9.5	14.3



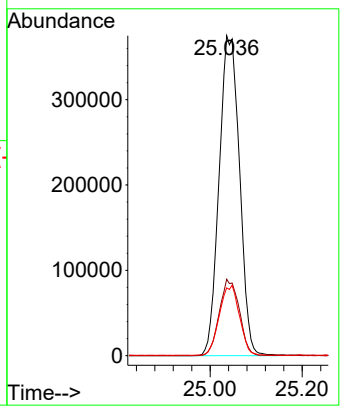


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1150516

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.1	25.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	160859	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	694615	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	469306	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	965802	20.000	ng		-0.02
76) Chrysene-d12	21.660	240	1018856	20.000	ng		0.00
86) Perylene-d12	25.036	264	1088697	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	100387	9.973	ng		0.00
7) Phenol-d6	6.955	99	127649	9.613	ng		-0.01
23) Nitrobenzene-d5	8.931	82	112678	8.777	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	40199	8.296	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	363946	10.769	ng		0.00
79) Terphenyl-d14	19.930	244	580916	10.771	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	21535	5.456	ng		94
3) Pyridine	3.725	79	55019	5.017	ng		97
6) Aniline	7.125	93	87740	4.856	ng		98
8) 2-Chlorophenol	7.366	128	50305	4.595	ng		98
10) Phenol	6.984	94	68139	4.838	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	55859	5.062	ng		99
12) 1,3-Dichlorobenzene	7.696	146	63992	5.202	ng		98
13) 1,4-Dichlorobenzene	7.837	146	64858	5.212	ng		99
14) 1,2-Dichlorobenzene	8.149	146	62802	5.209	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	91371	5.242	ng		97
17) 2-Methylphenol	8.219	107	43943	4.663	ng		99
18) Hexachloroethane	8.872	117	22659	5.091	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	44357	5.129	ng		95
22) Acetophenone	8.602	105	91026	5.220	ng	#	99
24) Nitrobenzene	8.972	77	54037	4.553	ng		95
25) Isophorone	9.502	82	126178	5.056	ng		100
26) 2-Nitrophenol	9.684	139	14308	6.196	ng		96
27) 2,4-Dimethylphenol	9.743	122	65928	5.730	ng		98
28) bis(2-Chloroethoxy)met...	9.978	93	79327	5.225	ng		99
29) 2,4-Dichlorophenol	10.213	162	43275	4.296	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	56908	5.120	ng		95
31) Naphthalene	10.619	128	189737	5.262	ng		98
33) 4-Chloroaniline	10.713	127	77884	4.856	ng		97
34) Hexachlorobutadiene	10.913	225	33118	5.191	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	53910	4.625	ng		96
37) 2-Methylnaphthalene	12.225	142	120994	5.184	ng		98
38) 1-Methylnaphthalene	12.443	142	128838	5.290	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	64686	5.049	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	32753	3.957	ng		98
44) 2,4,5-Trichlorophenol	12.895	196	36376	3.918	ng		98
46) 1,1'-Biphenyl	13.237	154	178122	5.150	ng		99
47) 2-Chloronaphthalene	13.278	162	133568	5.062	ng		98
48) 2-Nitroaniline	13.466	65	21912	5.624	ng		98
49) Acenaphthylene	14.125	152	218072	4.955	ng		99
50) Dimethylphthalate	13.860	163	178572	5.220	ng		100
51) 2,6-Dinitrotoluene	13.972	165	20906	3.313	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.472	154	136584	5.088	ng		99
53) 3-Nitroaniline	14.295	138	25435	3.445	ng	#	96
55) Dibenzofuran	14.813	168	211708	5.277	ng		100
57) 2,4-Dinitrotoluene	14.760	165	24944	5.632	ng	#	93
58) Fluorene	15.472	166	175964	5.584	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	30755m	3.942	ng		
60) Diethylphthalate	15.248	149	178152	5.165	ng		100
61) 4-Chlorophenyl-phenyle...	15.466	204	84717	5.671	ng		98
62) 4-Nitroaniline	15.466	138	26612	3.637	ng		93
63) Azobenzene	15.766	77	165659	5.170	ng		97
66) n-Nitrosodiphenylamine	15.684	169	146252	4.973	ng		98
67) 4-Bromophenyl-phenylether	16.384	248	48376	4.978	ng		89
68) Hexachlorobenzene	16.495	284	56081	5.143	ng		97
69) Atrazine	16.660	200	48622	4.702	ng		99
71) Phenanthrene	17.254	178	280407	5.301	ng		99
72) Anthracene	17.348	178	266474	4.996	ng		99
73) Carbazole	17.619	167	256385	5.008	ng		99
74) Di-n-butylphthalate	18.225	149	289176	4.669	ng		99
75) Fluoranthene	19.336	202	318877	5.207	ng		99
78) Pyrene	19.713	202	336486	4.966	ng		100
80) Butylbenzylphthalate	20.677	149	101682	3.701	ng		100
81) Benzo(a)anthracene	21.636	228	342927	5.065	ng		99
83) Chrysene	21.707	228	320171	5.098	ng		100
84) Bis(2-ethylhexyl)phtha...	21.607	149	187300	4.269	ng		100
87) Indeno(1,2,3-cd)pyrene	28.865	276	373927m	4.785	ng		
88) Benzo(b)fluoranthene	23.960	252	321726	4.937	ng		99
89) Benzo(k)fluoranthene	24.030	252	324095	5.016	ng		99
90) Benzo(a)pyrene	24.860	252	303778	4.840	ng		99
91) Dibenzo(a,h)anthracene	28.959	278	308846	4.833	ng		99
92) Benzo(g,h,i)perylene	30.042	276	306565	4.886	ng		98

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

ICAL Form

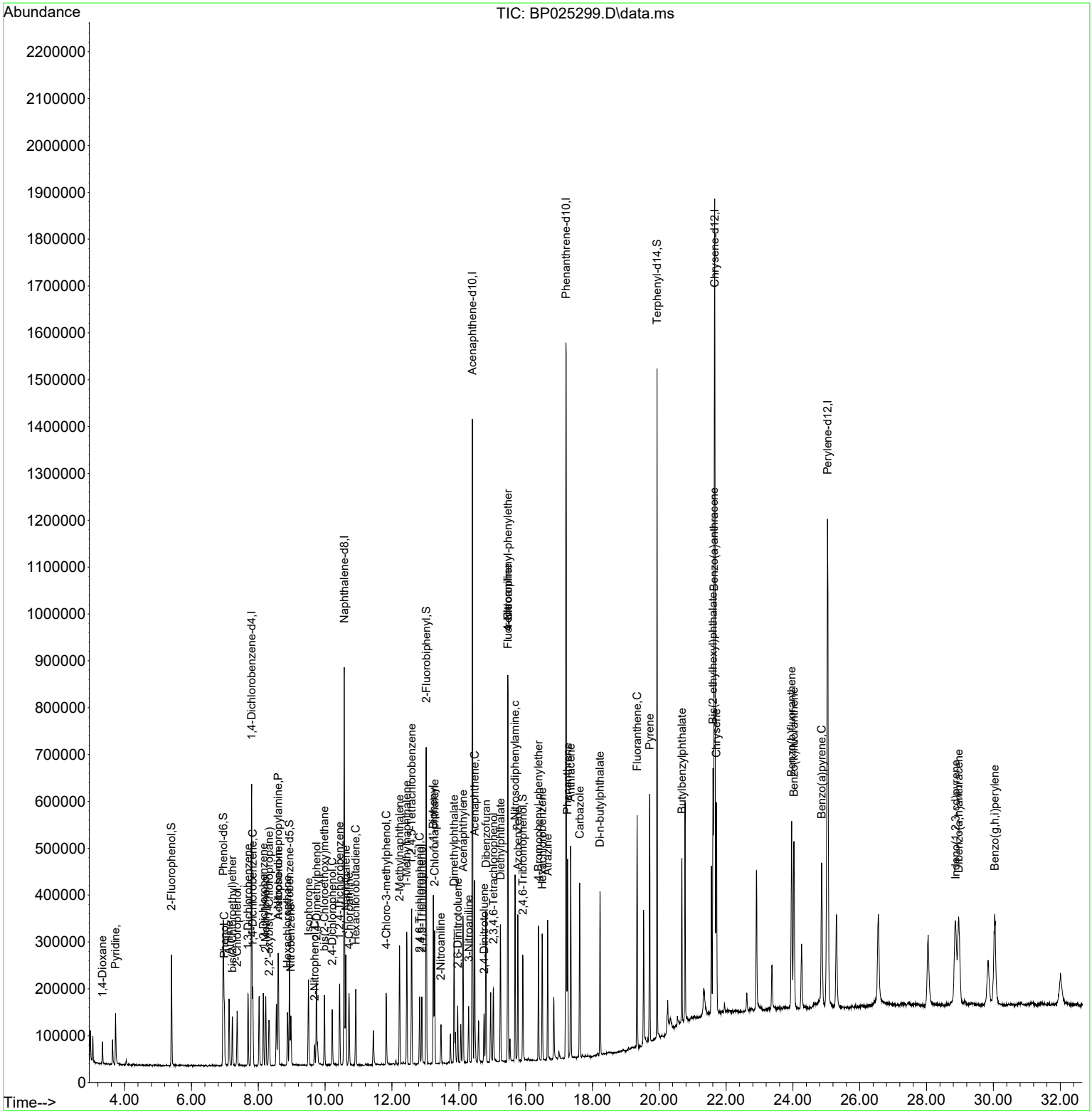
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

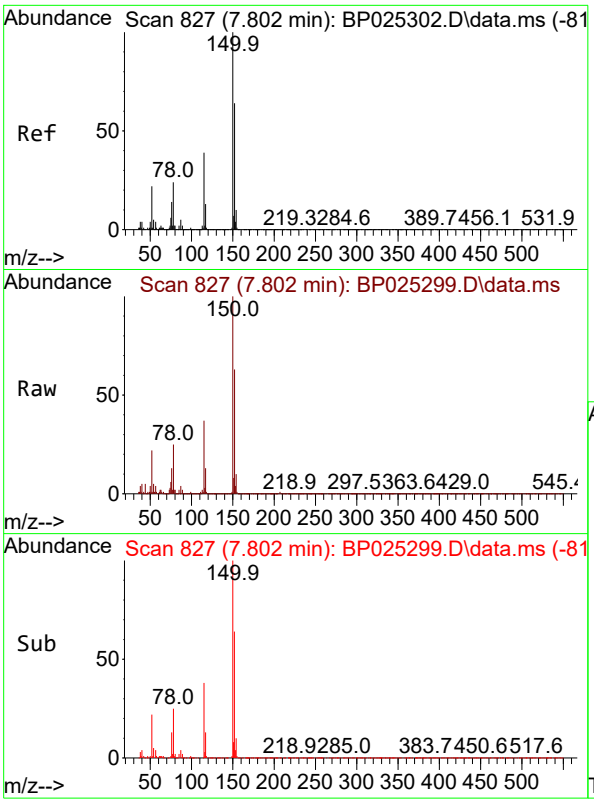
Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

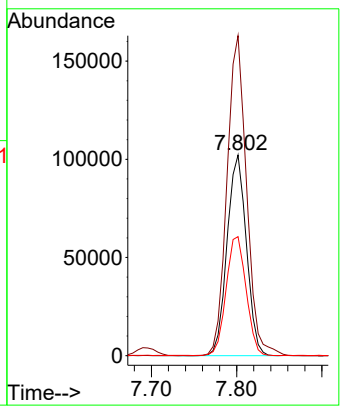




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:152 Resp: 16085

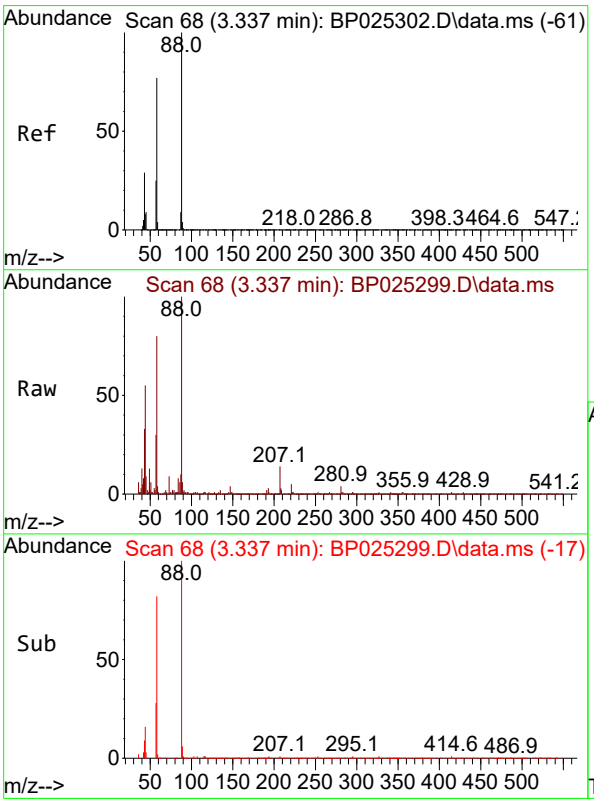
Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.1	187.7
115	59.3	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

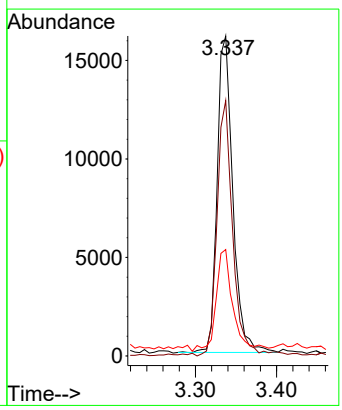
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

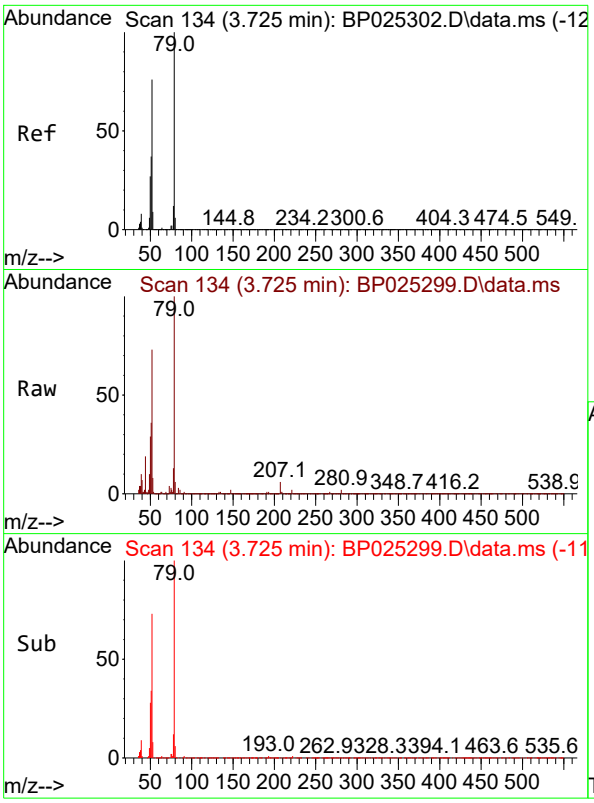


#2
1,4-Dioxane
Concen: 5.456 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 88 Resp: 21535

Ion	Ratio	Lower	Upper
88	100		
58	82.2	61.9	92.9
43	35.0	24.2	36.2

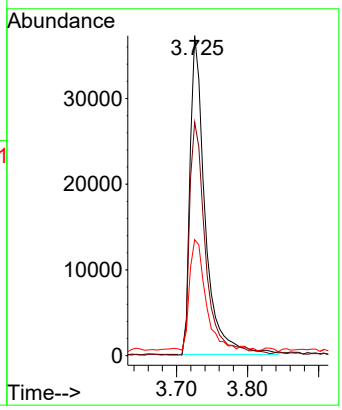




#3
Pyridine
Concen: 5.017 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 79 Resp: 5501

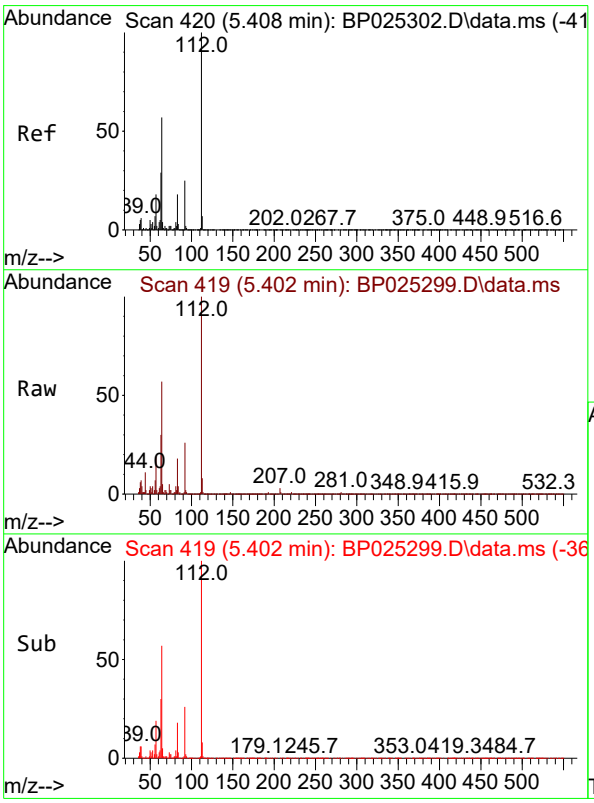
Ion	Ratio	Lower	Upper
79	100		
52	73.0	60.5	90.7
51	36.2	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

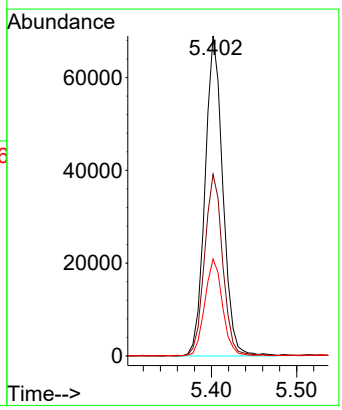
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

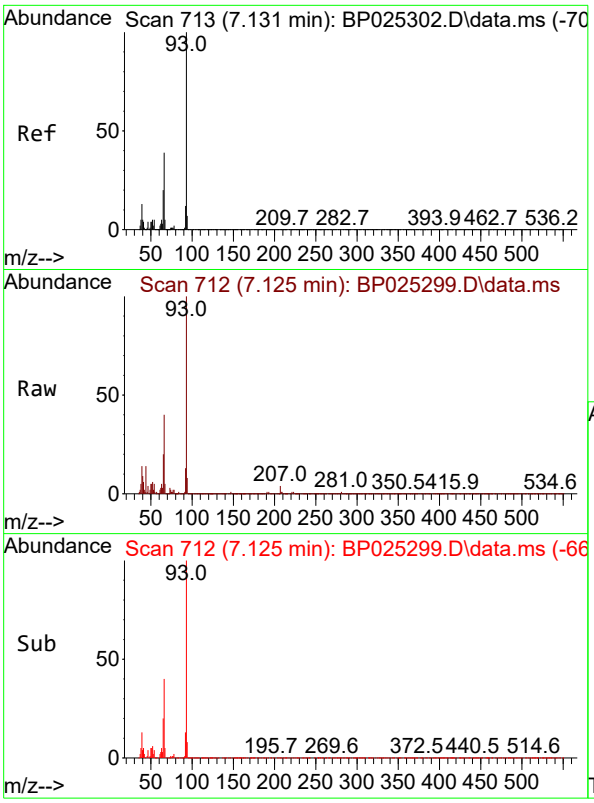


#5
2-Fluorophenol
Concen: 9.973 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:112 Resp: 100387

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.3	67.9
63	30.3	23.0	34.6

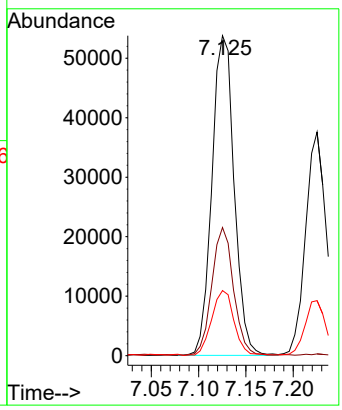




#6
Aniline
Concen: 4.856 ng
RT: 7.125 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 8774

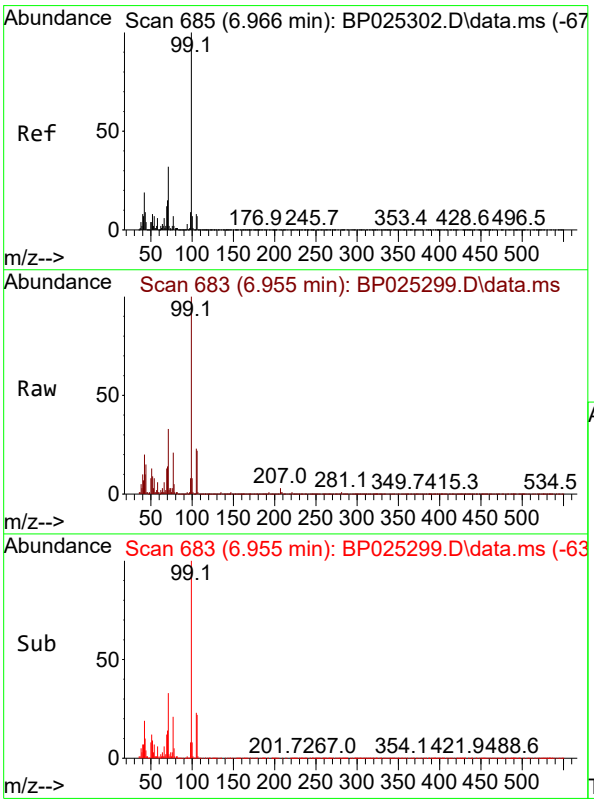
Ion	Ratio	Lower	Upper
93	100		
66	40.1	31.1	46.7
65	20.3	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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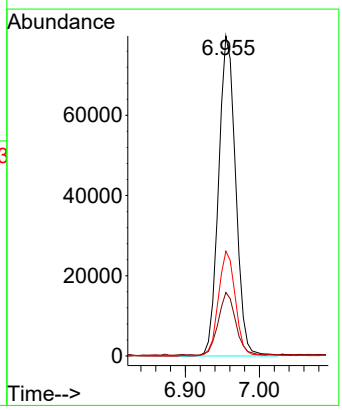
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

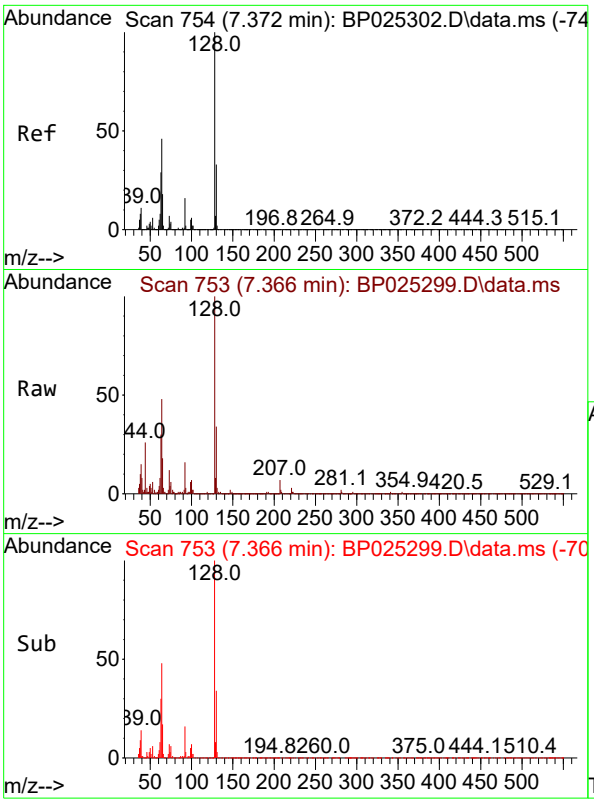


#7
Phenol-d6
Concen: 9.613 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 99 Resp: 127649

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.0	22.6
71	32.8	25.5	38.3

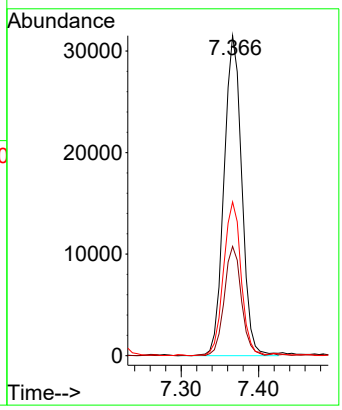




#8
2-Chlorophenol
Concen: 4.595 ng
RT: 7.366 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:128 Resp: 5030

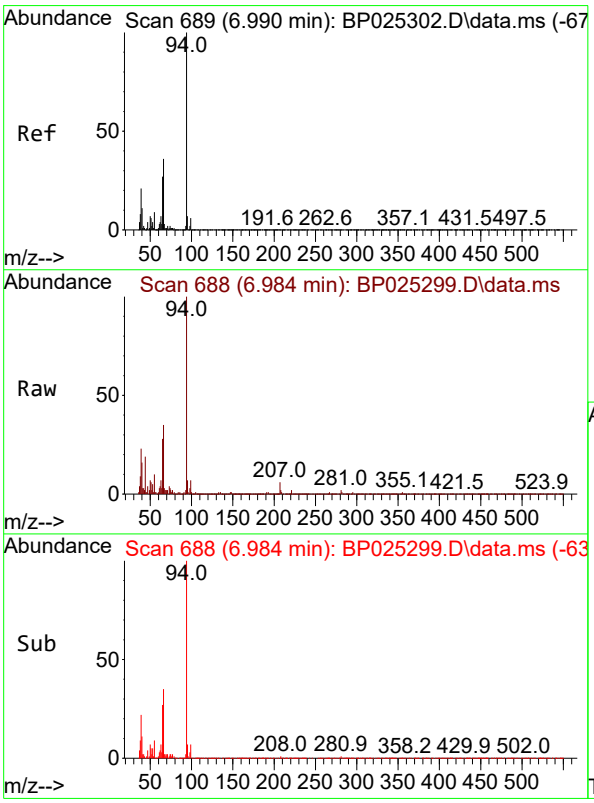
Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.1	53.1
64	48.0	26.1	66.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

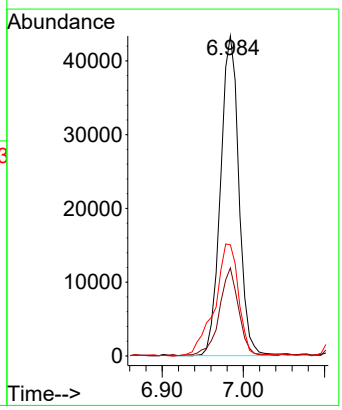
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

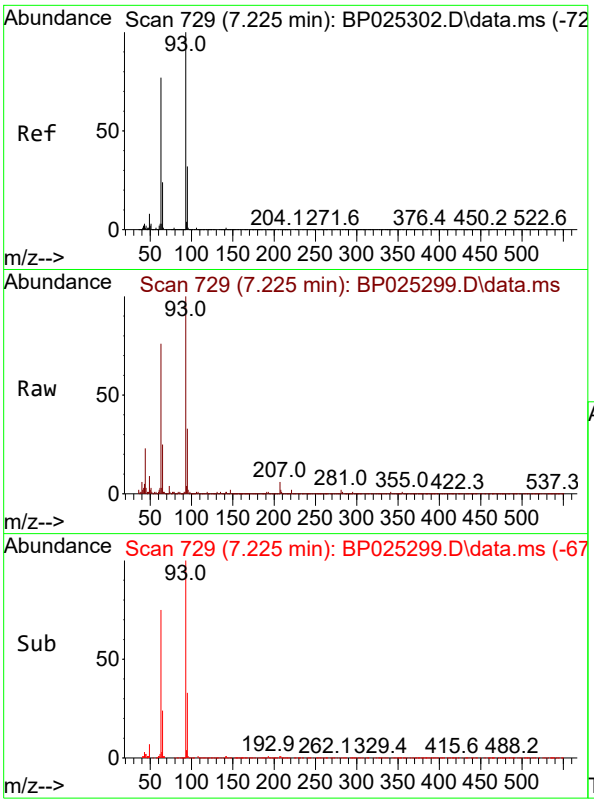


#10
Phenol
Concen: 4.838 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 94 Resp: 68139

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.3	47.3
66	34.8	15.7	55.7

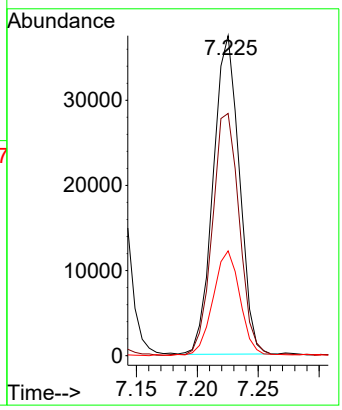




#11
bis(2-Chloroethyl)ether
Concen: 5.062 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 5585

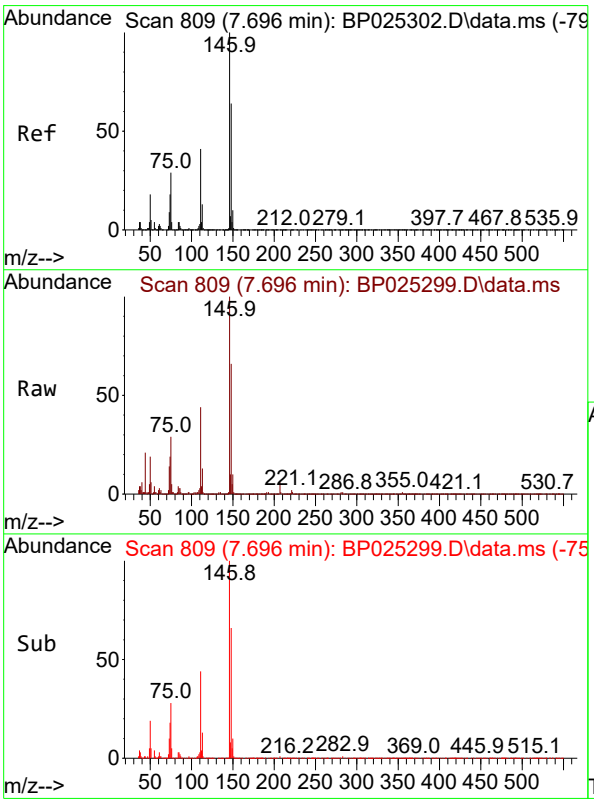
Ion	Ratio	Lower	Upper
93	100		
63	75.7	57.0	97.0
95	32.8	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

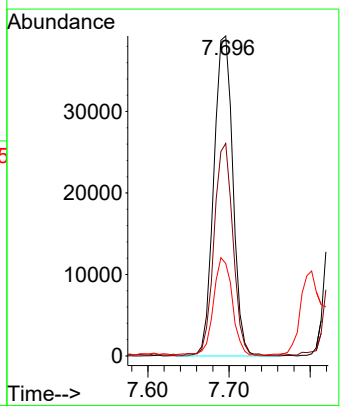
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

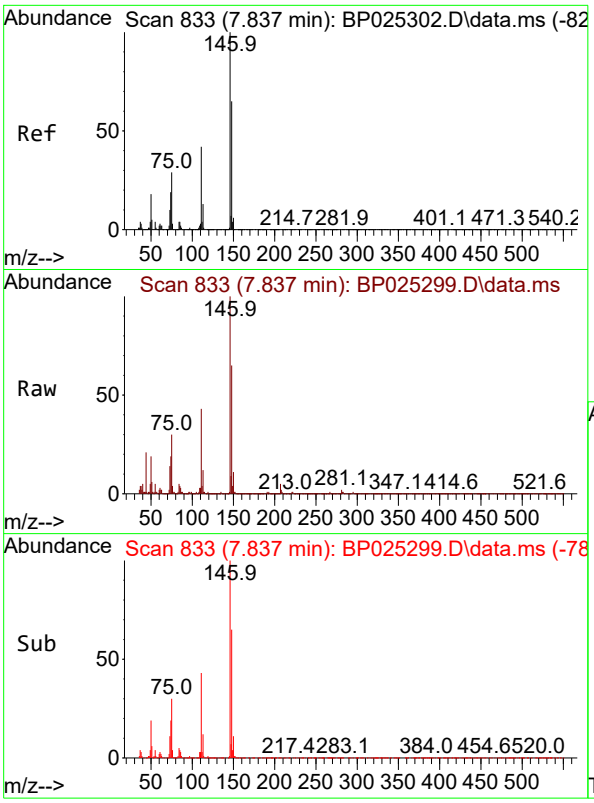


#12
1,3-Dichlorobenzene
Concen: 5.202 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 63992

Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.1	76.7
75	28.9	23.2	34.8

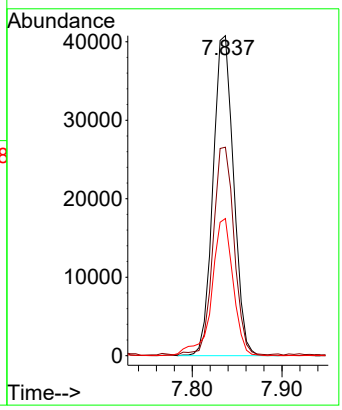




#13
1,4-Dichlorobenzene
Concen: 5.212 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 6485

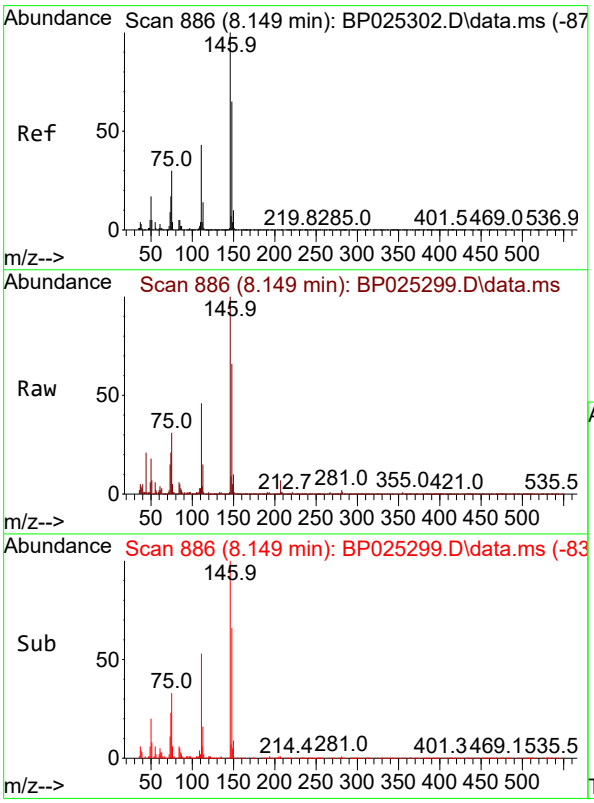
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.0	78.0
111	42.9	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

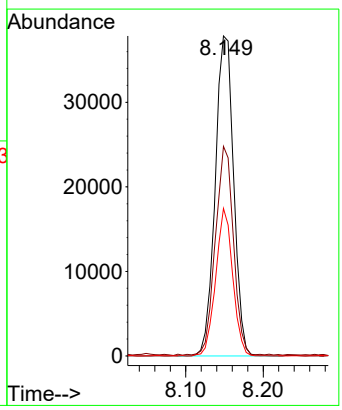
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

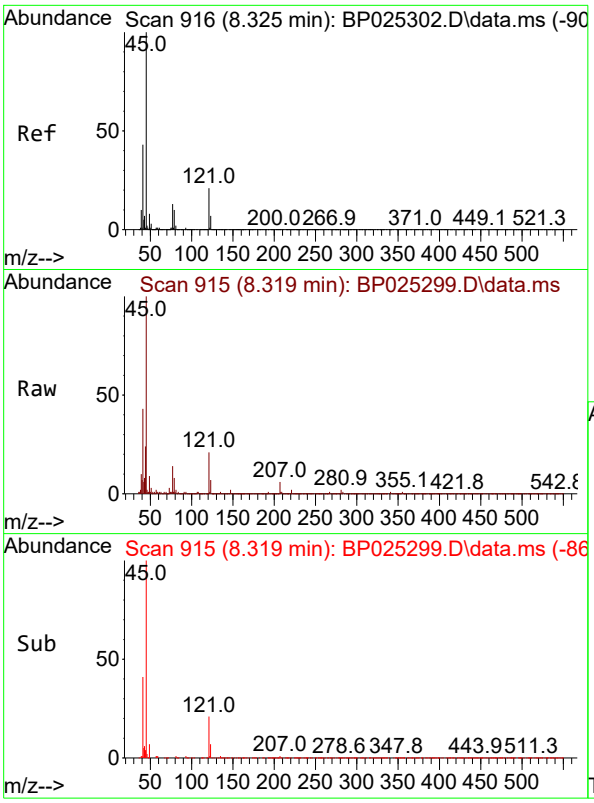


#14
1,2-Dichlorobenzene
Concen: 5.209 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 62802

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	46.1	34.4	51.6

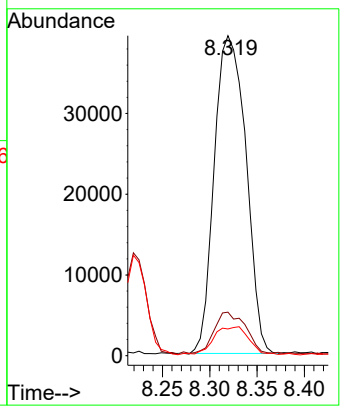




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.242 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 45 Resp: 9137

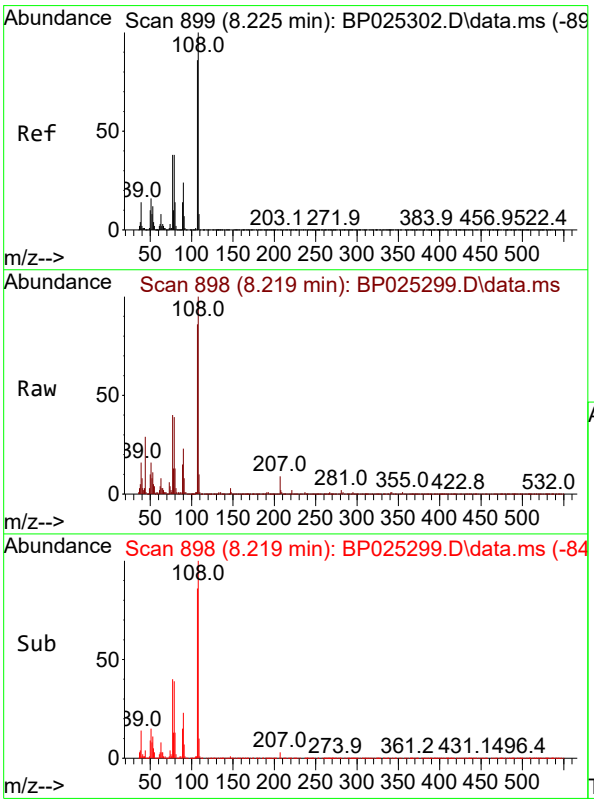
Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.0
79	8.4	0.0	29.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

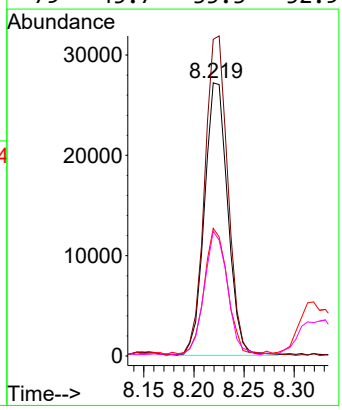
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

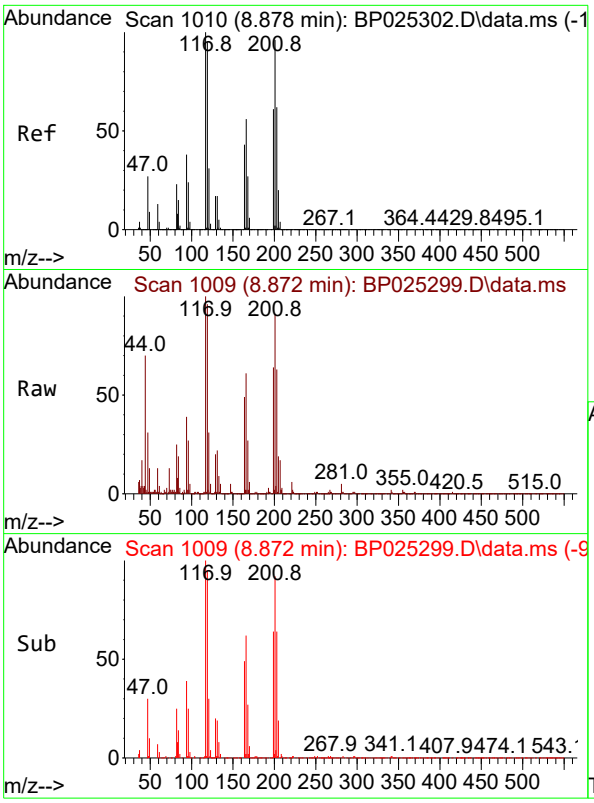


#17
2-Methylphenol
Concen: 4.663 ng
RT: 8.219 min Scan# 898
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:107 Resp: 43943

Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.6	139.0
77	46.8	35.4	53.2
79	45.7	35.3	52.9

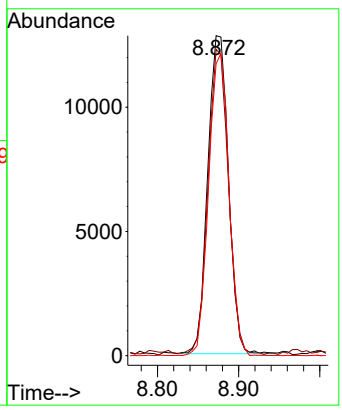




#18
Hexachloroethane
Concen: 5.091 ng
RT: 8.872 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:117 Resp: 2265

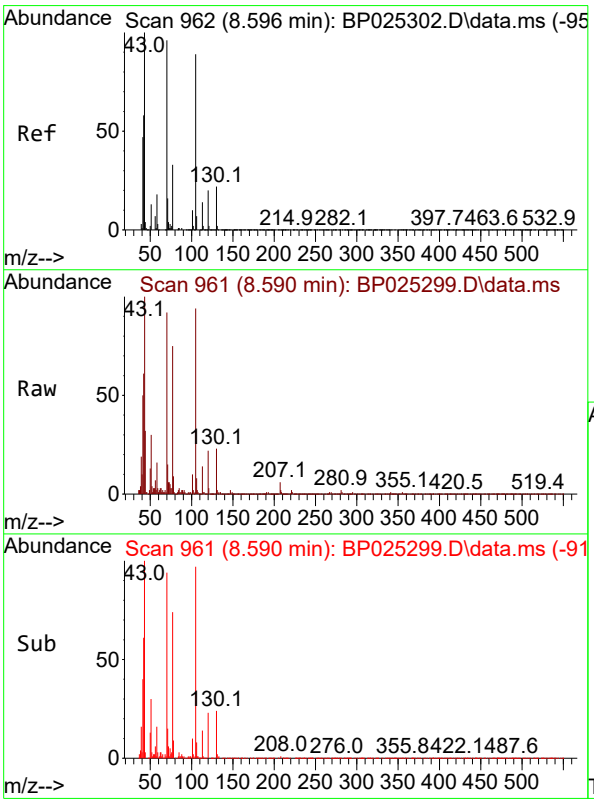
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	95.0	76.6	114.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

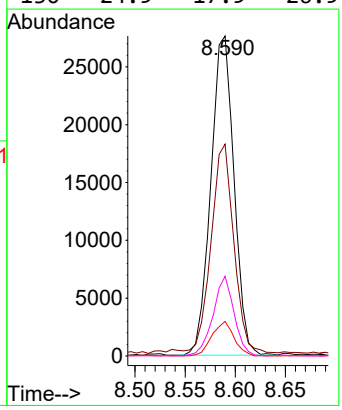
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

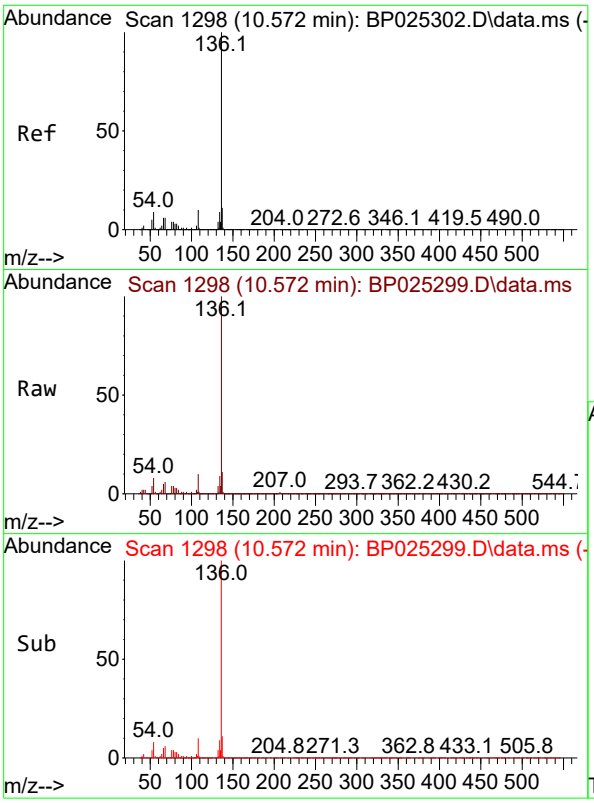


#19
n-Nitroso-di-n-propylamine
Concen: 5.129 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 70 Resp: 44357

Ion	Ratio	Lower	Upper
70	100		
42	66.2	49.4	74.0
101	10.8	7.9	11.9
130	24.9	17.9	26.9

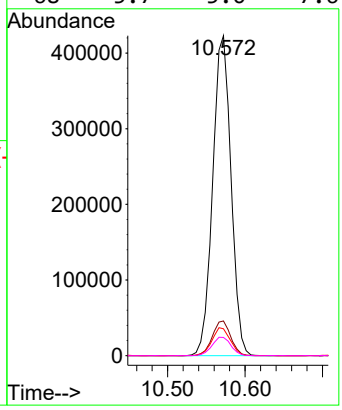




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:136 Resp: 69461

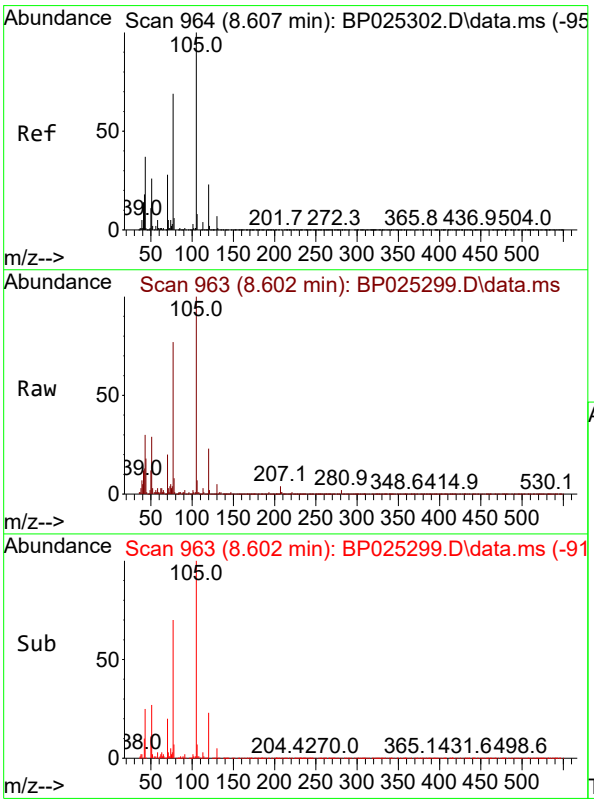
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.0	10.6
68	5.7	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

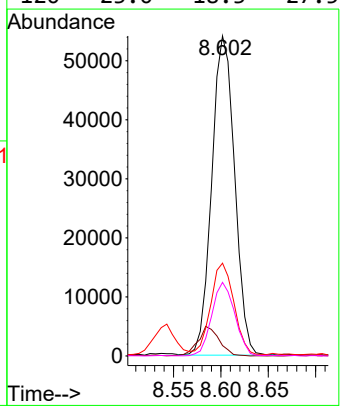
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

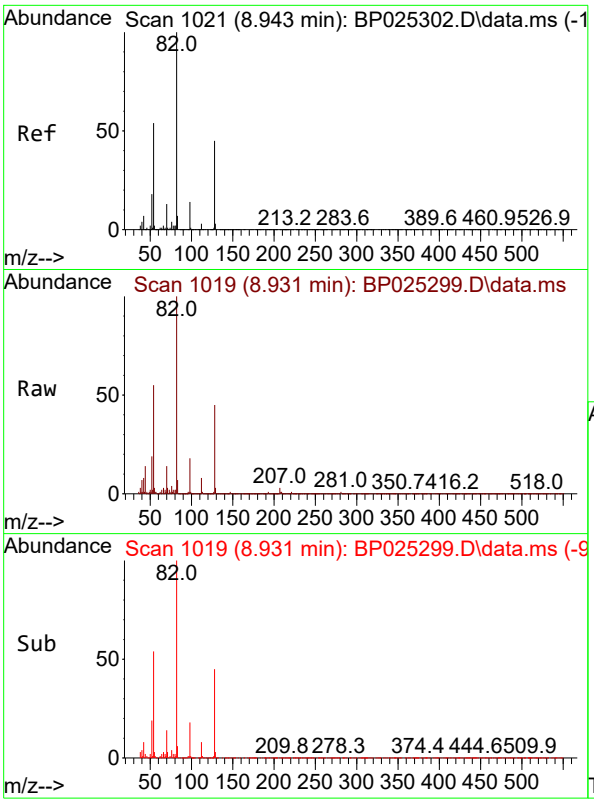


#22
Acetophenone
Concen: 5.220 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:105 Resp: 91026

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.1	6.1#
51	29.0	22.7	34.1
120	23.0	18.3	27.5

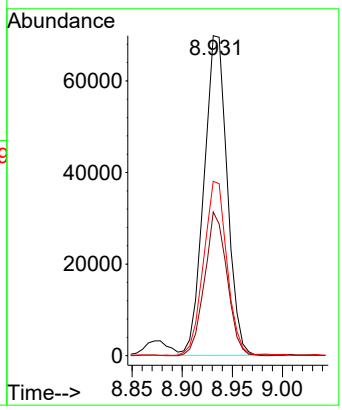




#23
Nitrobenzene-d5
Concen: 8.777 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 82 Resp: 11267

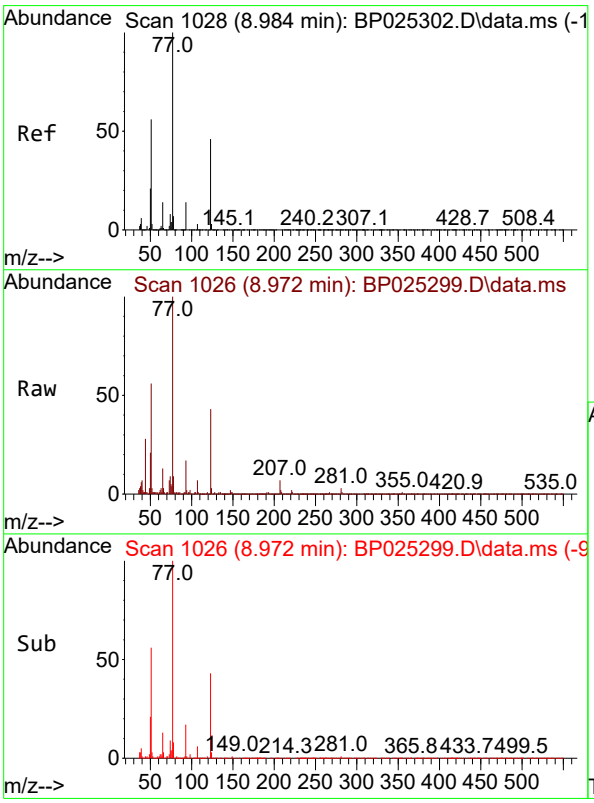
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.4	53.2
54	54.5	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

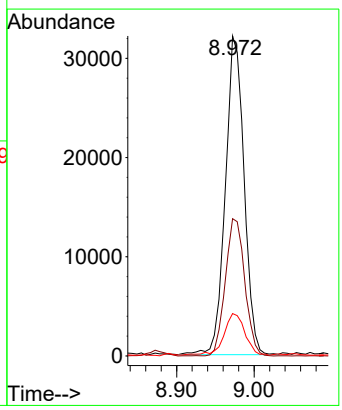
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

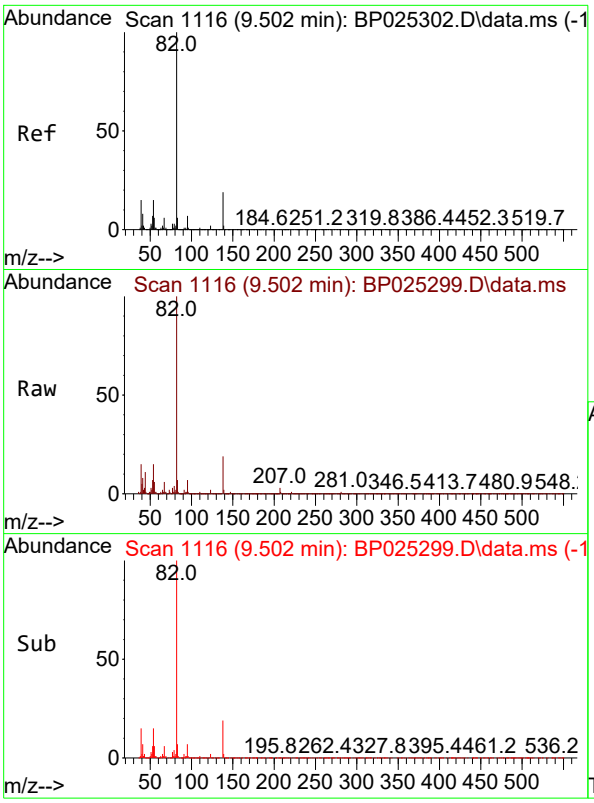


#24
Nitrobenzene
Concen: 4.553 ng
RT: 8.972 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 77 Resp: 54037

Ion	Ratio	Lower	Upper
77	100		
123	42.9	37.4	56.2
65	13.3	11.1	16.7

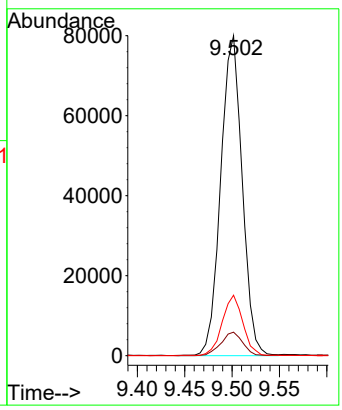




#25
Isophorone
Concen: 5.056 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 82 Resp: 12617

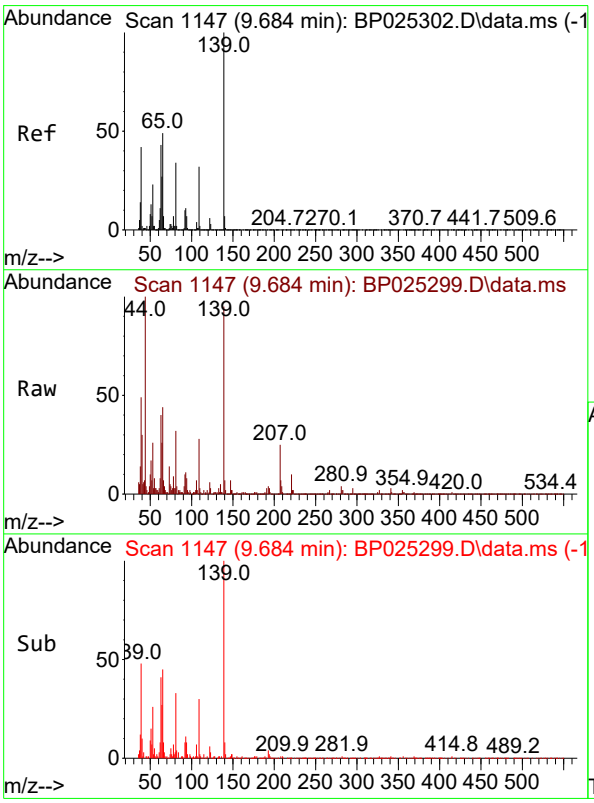
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.9	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

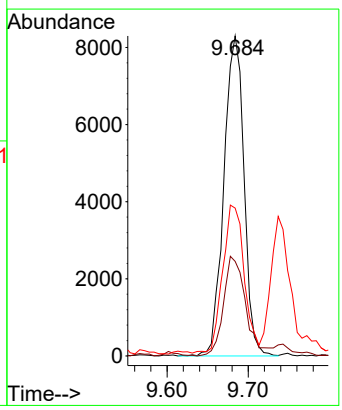
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

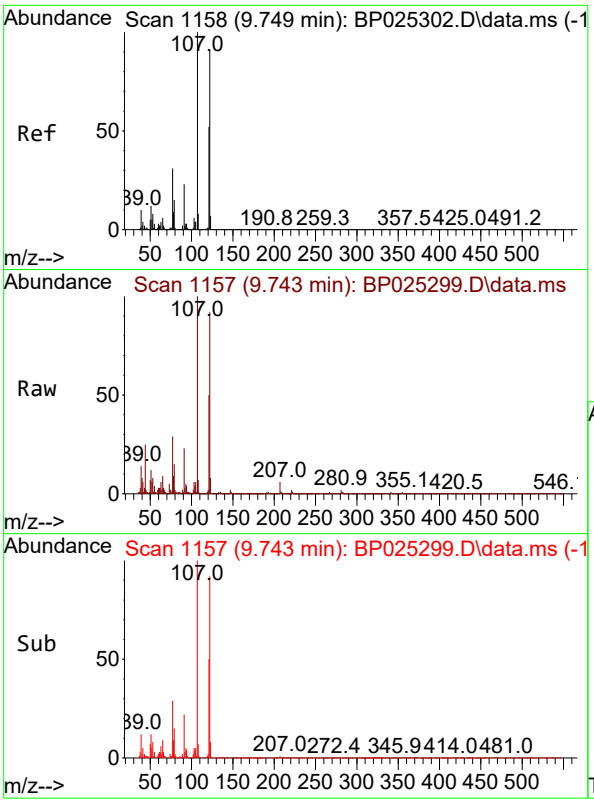


#26
2-Nitrophenol
Concen: 6.196 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:139 Resp: 14308

Ion	Ratio	Lower	Upper
139	100		
109	29.5	25.2	37.8
65	46.2	39.6	59.4

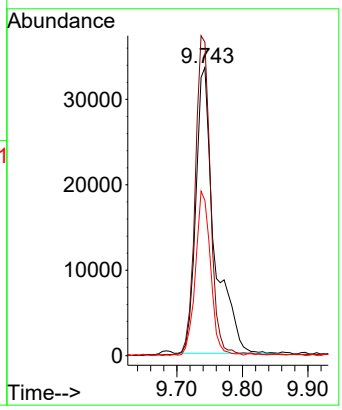




#27
2,4-Dimethylphenol
Concen: 5.730 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:122 Resp: 6592

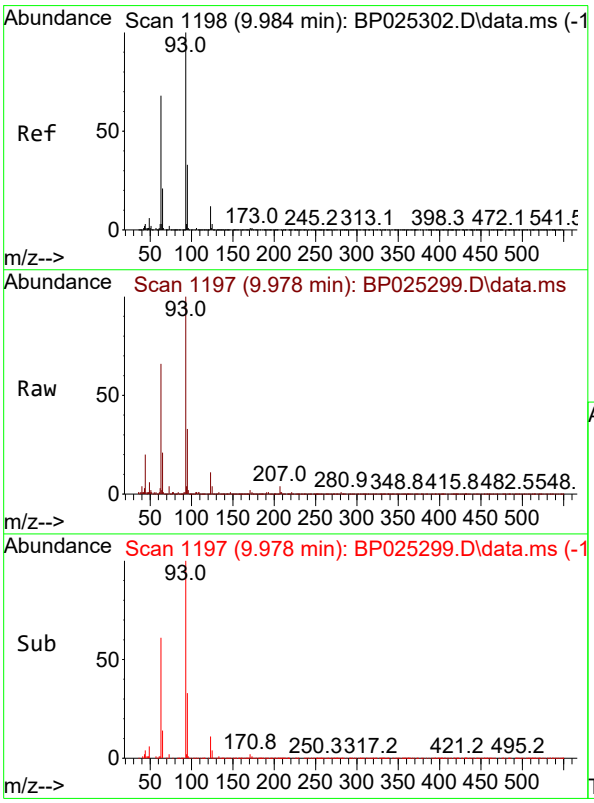
Ion	Ratio	Lower	Upper
122	100		
107	108.8	87.4	131.0
121	53.9	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

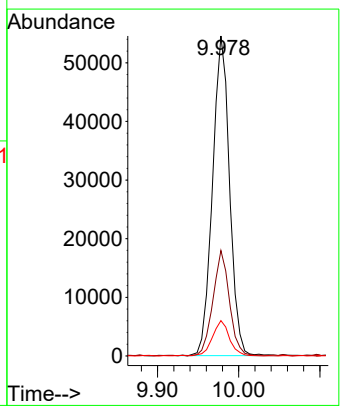
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

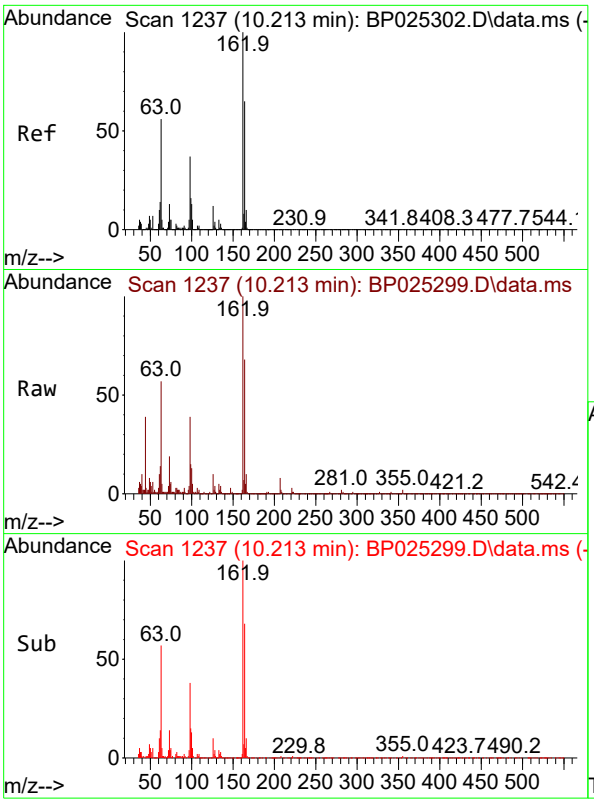


#28
bis(2-Chloroethoxy)methane
Concen: 5.225 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 79327

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.0	9.4	14.2

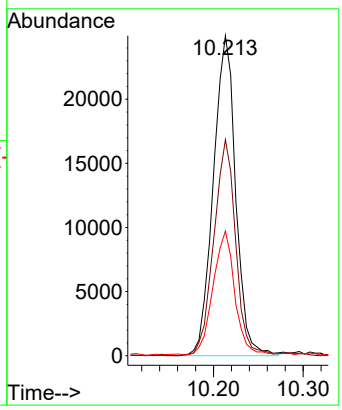




#29
2,4-Dichlorophenol
Concen: 4.296 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:162 Resp: 4327

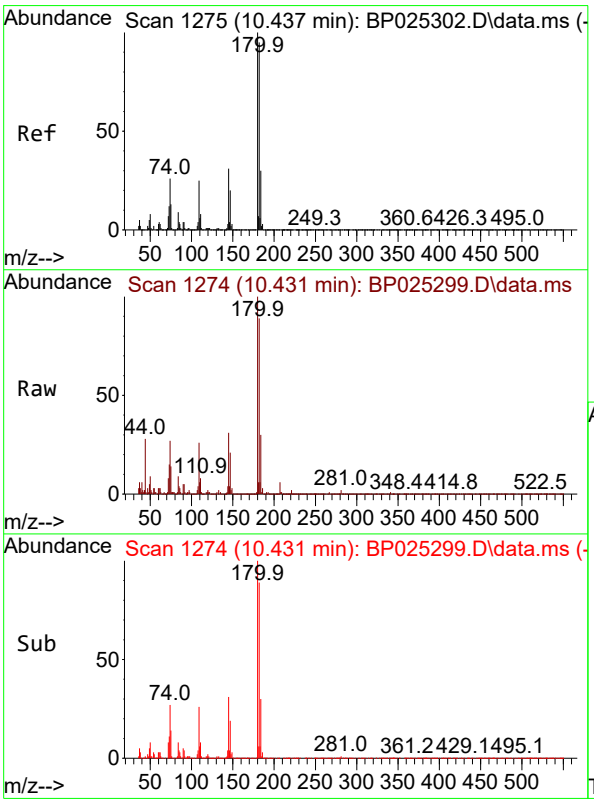
Ion	Ratio	Lower	Upper
162	100		
164	67.5	45.2	85.2
98	39.0	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

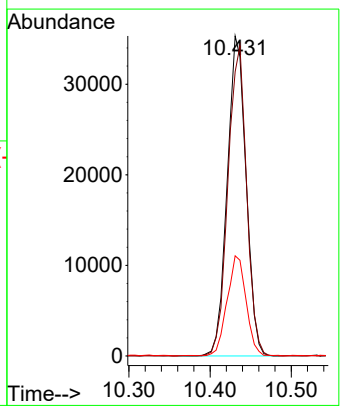
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

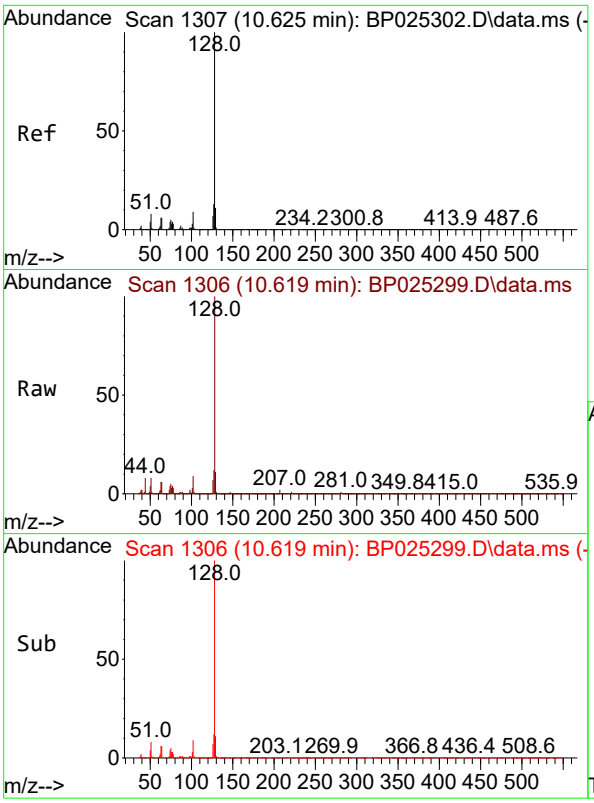


#30
1,2,4-Trichlorobenzene
Concen: 5.120 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:180 Resp: 56908

Ion	Ratio	Lower	Upper
180	100		
182	88.8	75.8	113.8
145	31.3	25.0	37.4

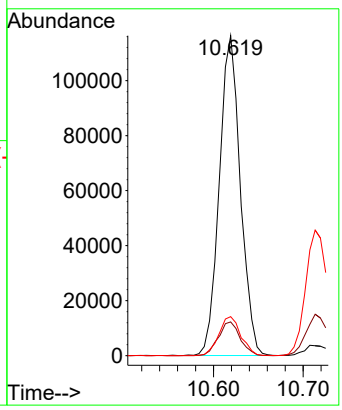




#31
Naphthalene
Concen: 5.262 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:128 Resp: 18973

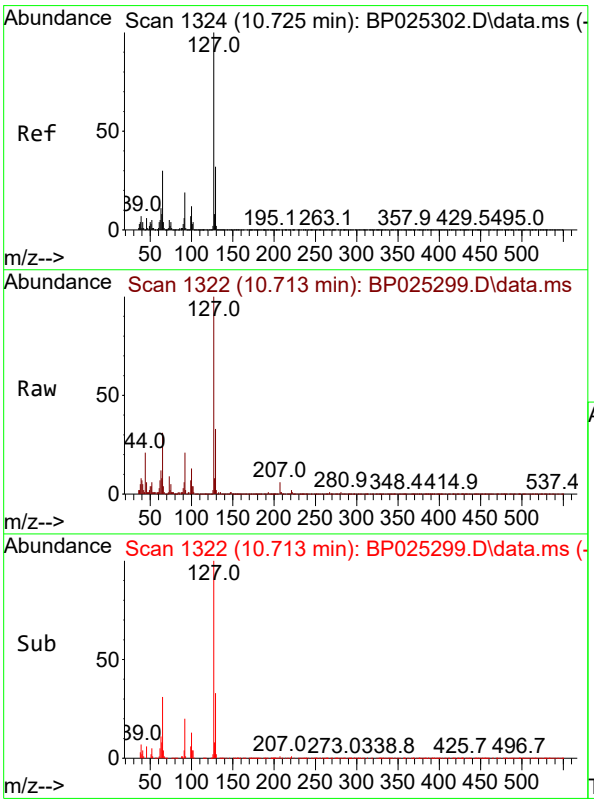
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

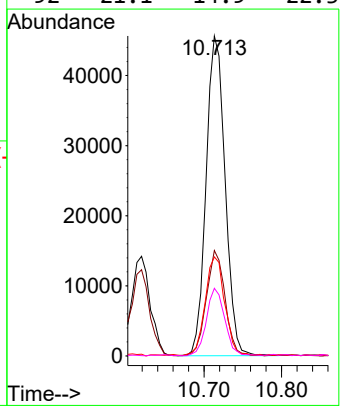
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

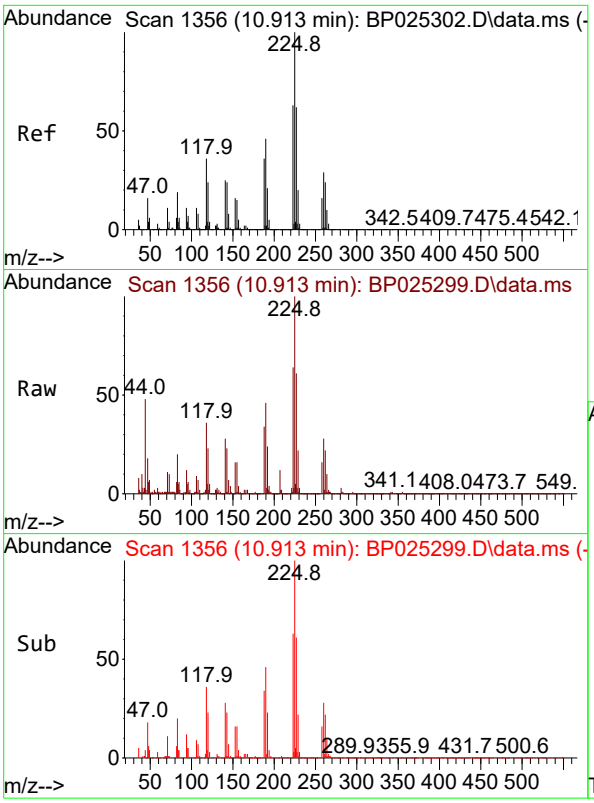


#33
4-Chloroaniline
Concen: 4.856 ng
RT: 10.713 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:127 Resp: 77884

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	31.0	23.6	35.4
92	21.1	14.9	22.3

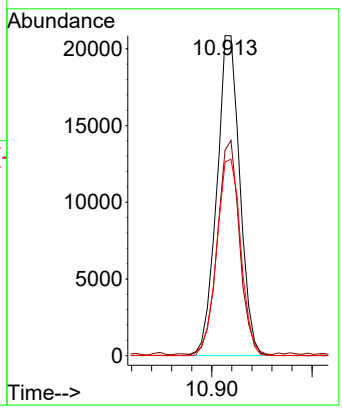




#34
Hexachlorobutadiene
Concen: 5.191 ng
RT: 10.913 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:225 Resp: 3311

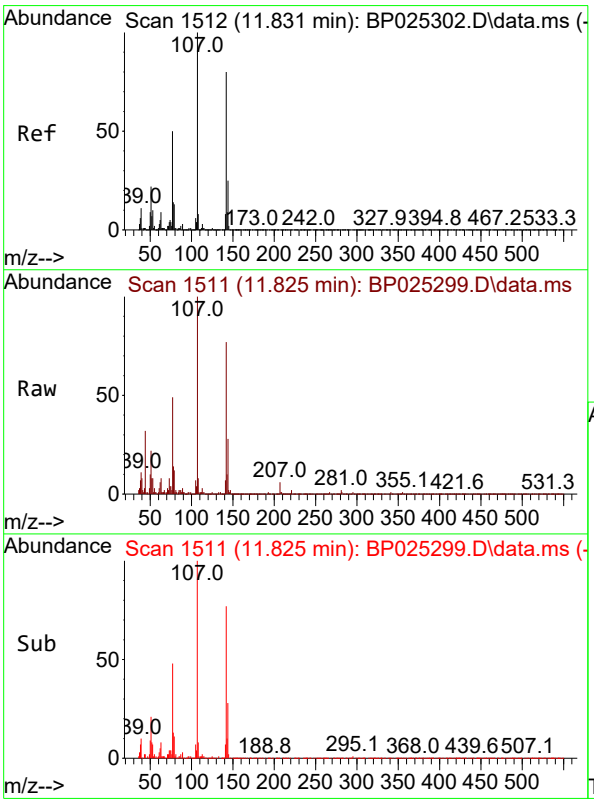
Ion	Ratio	Lower	Upper
225	100		
223	67.5	50.3	75.5
227	60.6	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

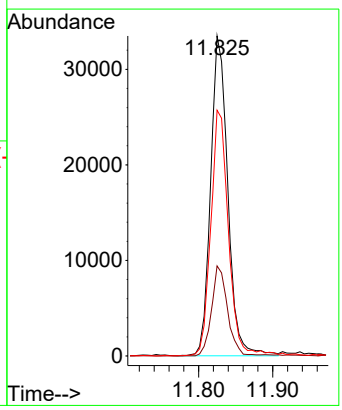
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

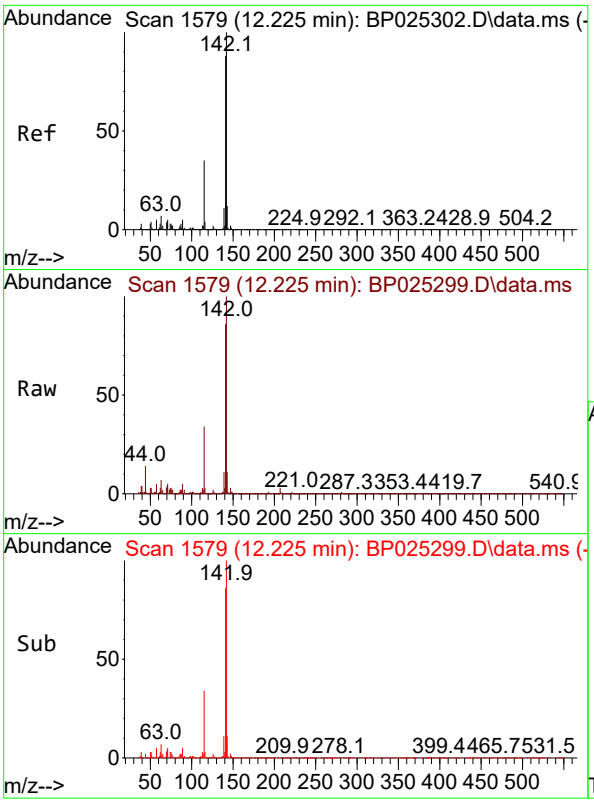


#36
4-Chloro-3-methylphenol
Concen: 4.625 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:107 Resp: 53910

Ion	Ratio	Lower	Upper
107	100		
144	28.2	20.4	30.6
142	76.8	63.7	95.5

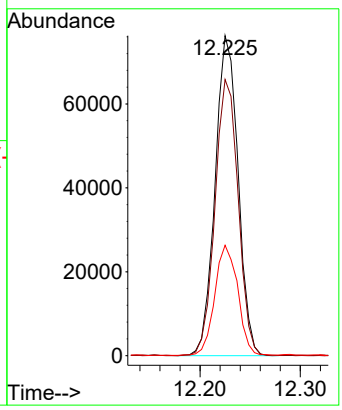




#37
2-Methylnaphthalene
Concen: 5.184 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:142 Resp: 12099

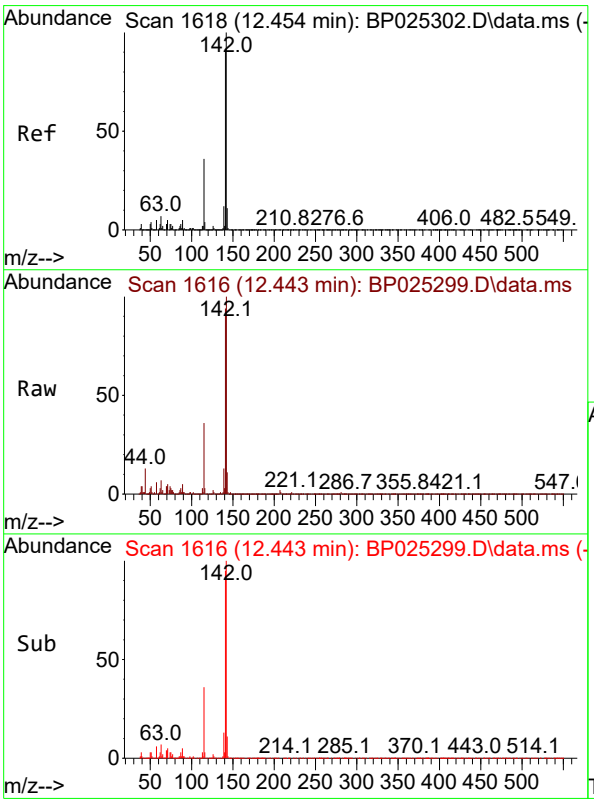
Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.4	105.6
115	34.5	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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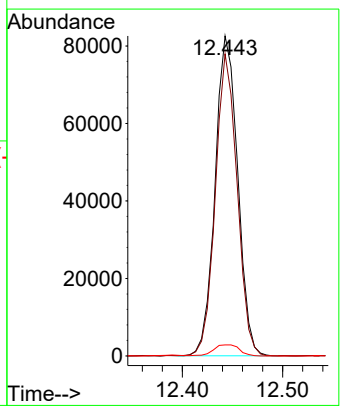
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

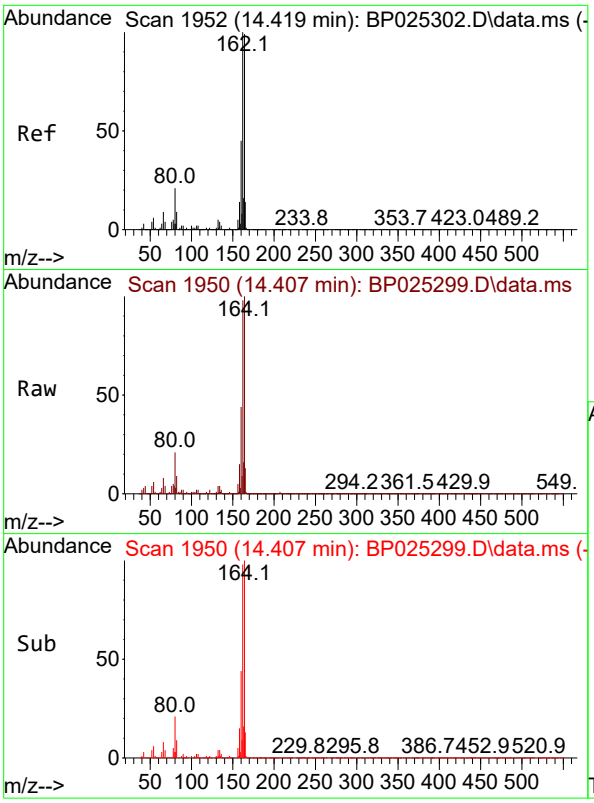


#38
1-Methylnaphthalene
Concen: 5.290 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:142 Resp: 128838

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6
116	3.4	3.0	4.6

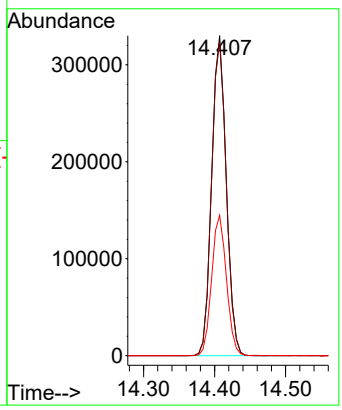




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:164 Resp: 46930

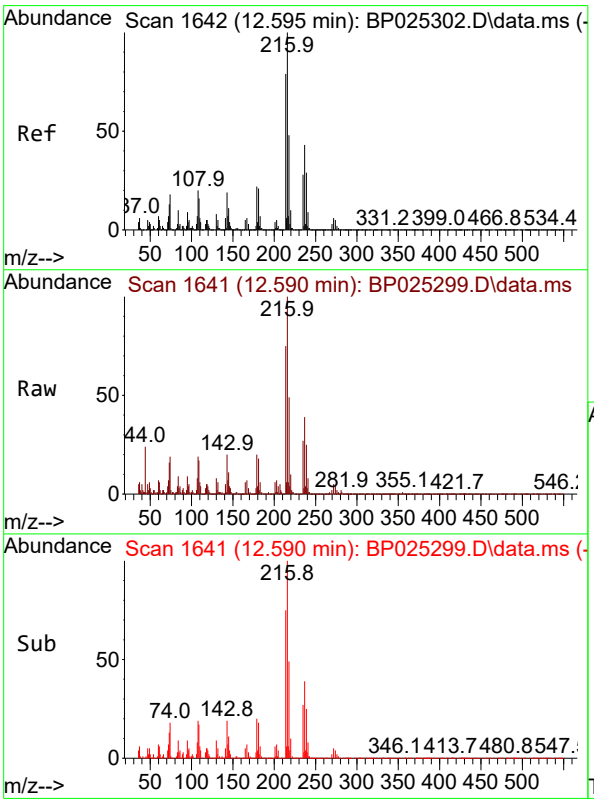
Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.6	120.8
160	43.9	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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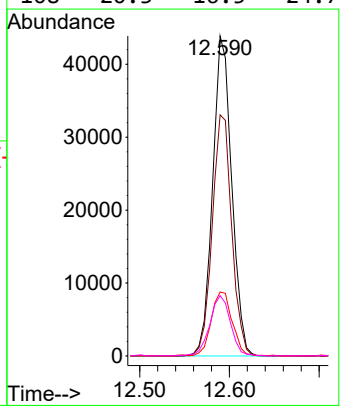
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

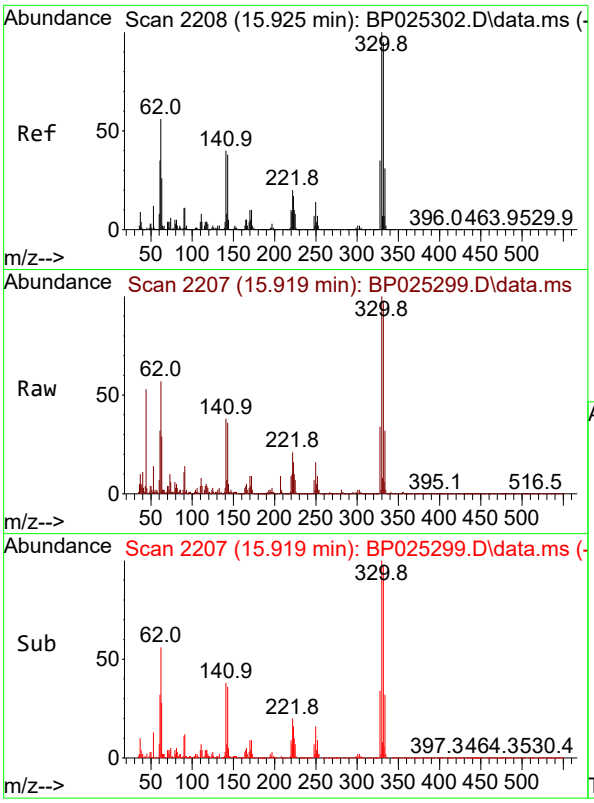


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.049 ng
RT: 12.590 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:216 Resp: 64686

Ion	Ratio	Lower	Upper
216	100		
214	76.8	62.4	93.6
179	22.3	17.5	26.3
108	20.3	16.5	24.7

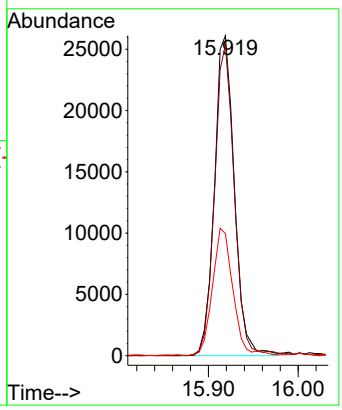




#42
2,4,6-Tribromophenol
Concen: 8.296 ng
RT: 15.919 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:330 Resp: 4019

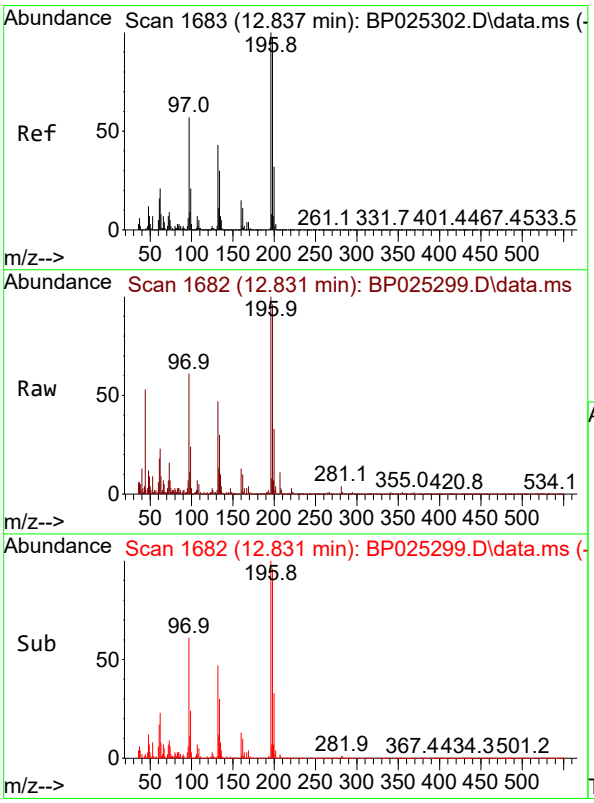
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	40.6	31.7	47.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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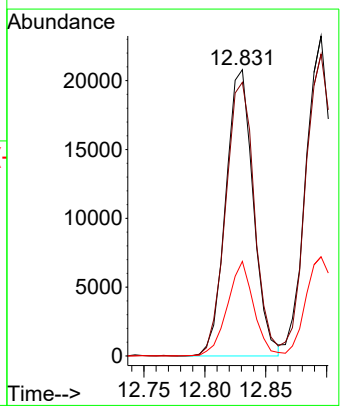
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

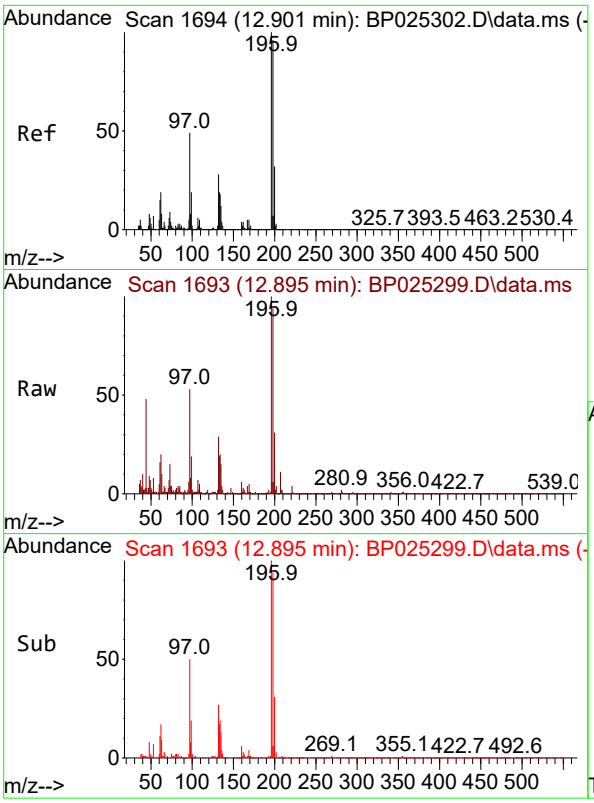


#43
2,4,6-Trichlorophenol
Concen: 3.957 ng
RT: 12.831 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:196 Resp: 32753

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
200	34.9	25.4	38.2

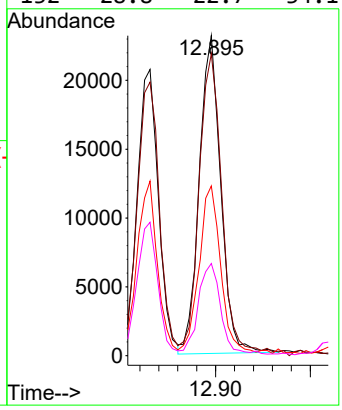




#44
2,4,5-Trichlorophenol
Concen: 3.918 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:196 Resp: 3637

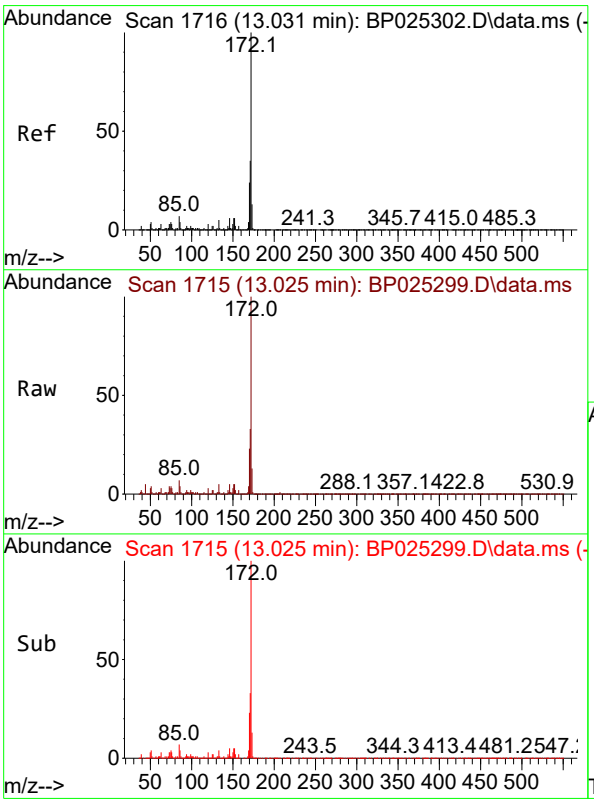
Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	114.8
97	53.0	39.5	59.3
132	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

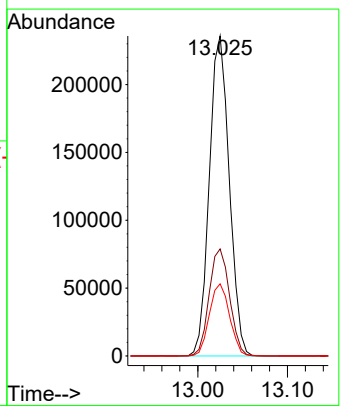
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

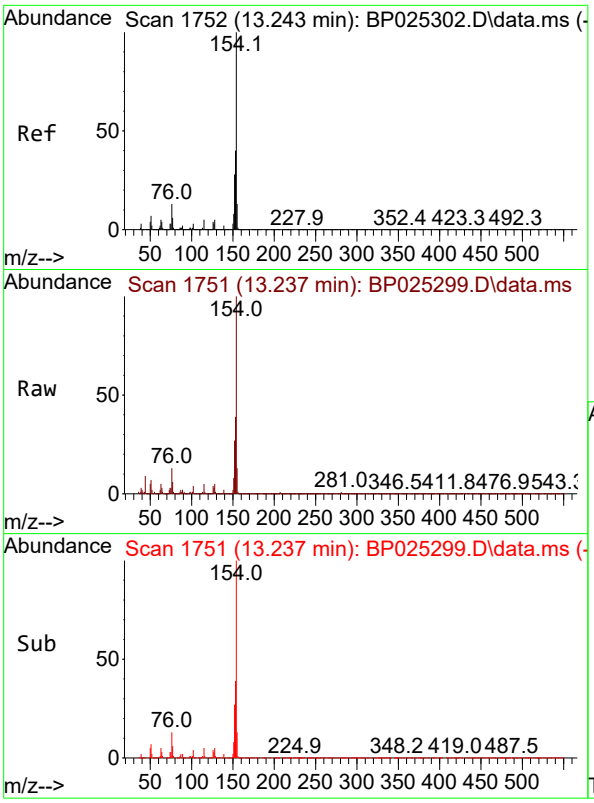


#45
2-Fluorobiphenyl
Concen: 10.769 ng
RT: 13.025 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:172 Resp: 363946

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.9	41.9
170	22.5	18.9	28.3

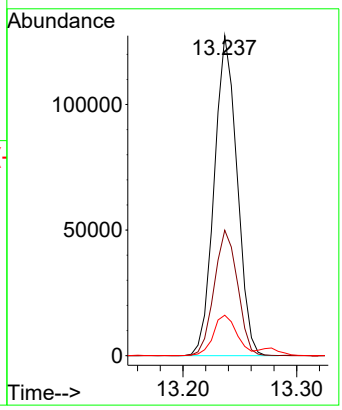




#46
1,1'-Biphenyl
Concen: 5.150 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:154 Resp: 17812

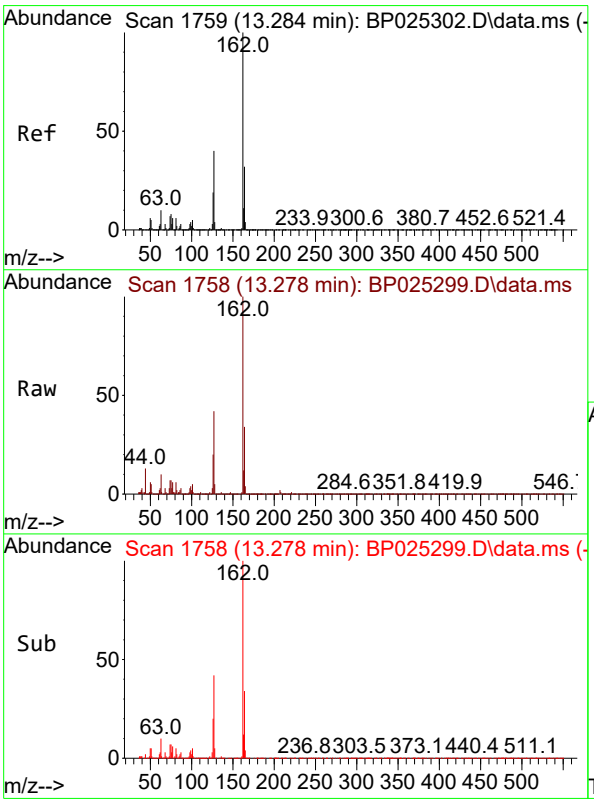
Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.9	59.9
76	12.7	0.0	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

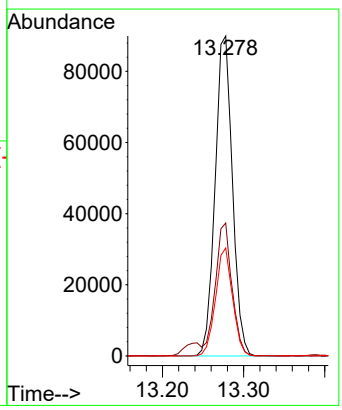
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

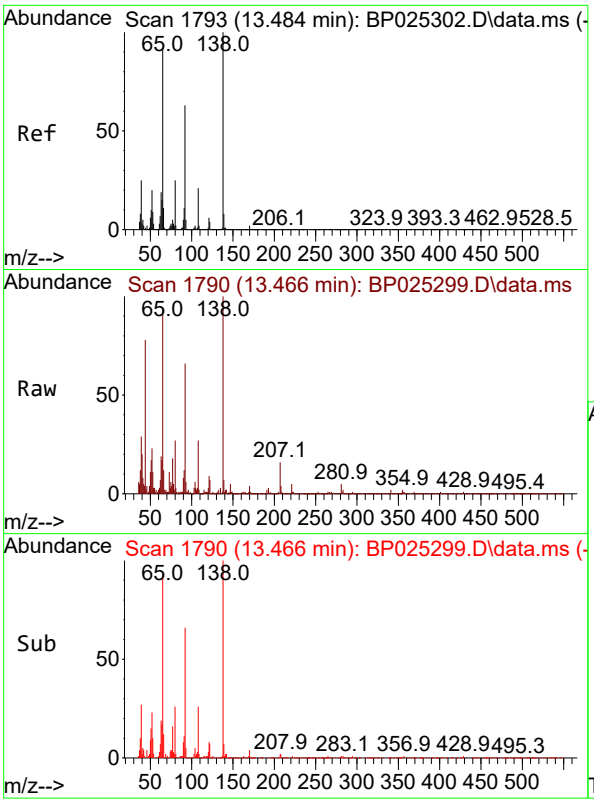


#47
2-Chloronaphthalene
Concen: 5.062 ng
RT: 13.278 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:162 Resp: 133568

Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.2	48.2
164	33.8	25.9	38.9

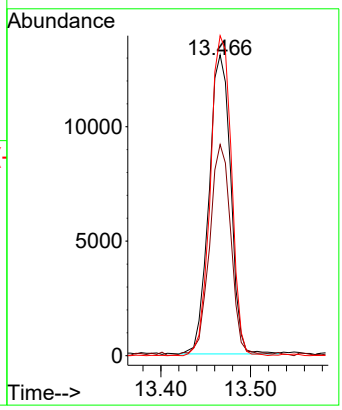




#48
2-Nitroaniline
Concen: 5.624 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 65 Resp: 2191

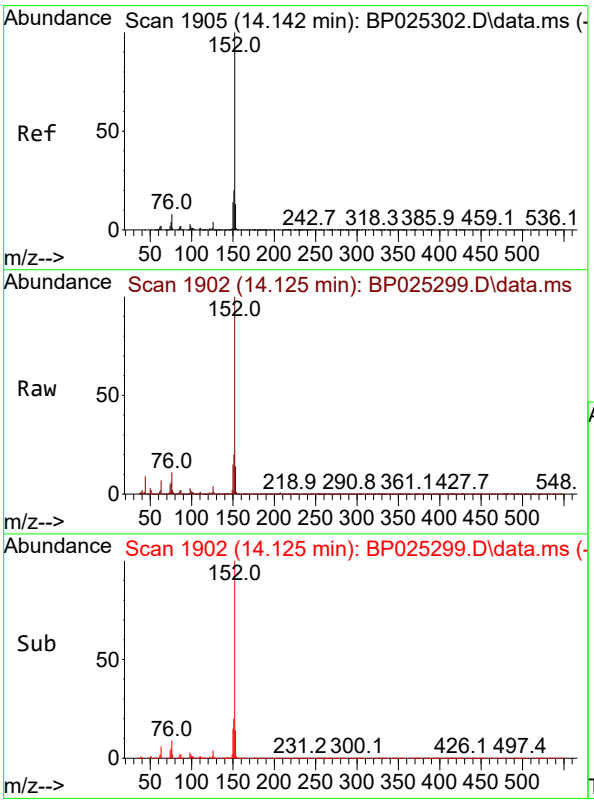
Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.4	81.6
138	106.4	87.0	130.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

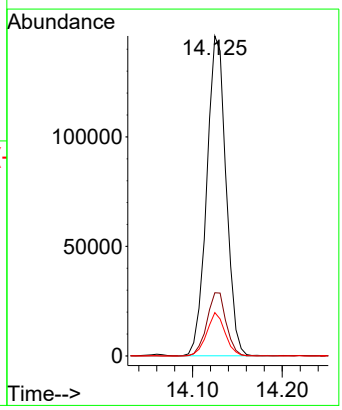
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

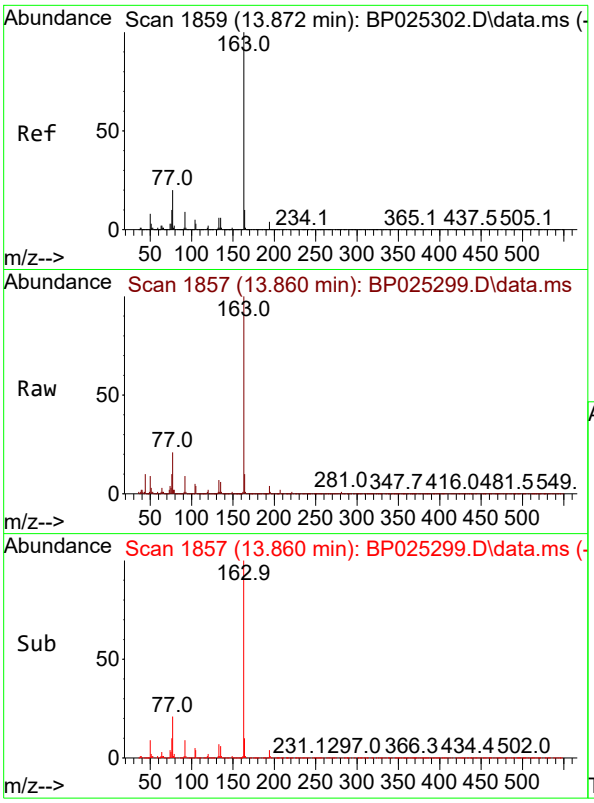


#49
Acenaphthylene
Concen: 4.955 ng
RT: 14.125 min Scan# 1902
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:152 Resp: 218072

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.6	10.4	15.6

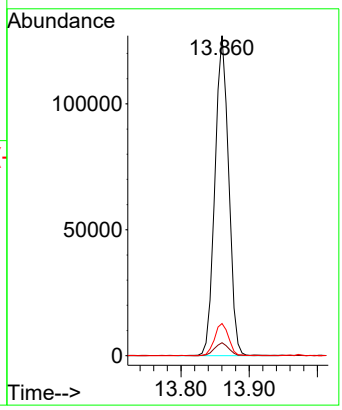




#50
Dimethylphthalate
Concen: 5.220 ng
RT: 13.860 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:163 Resp: 17857

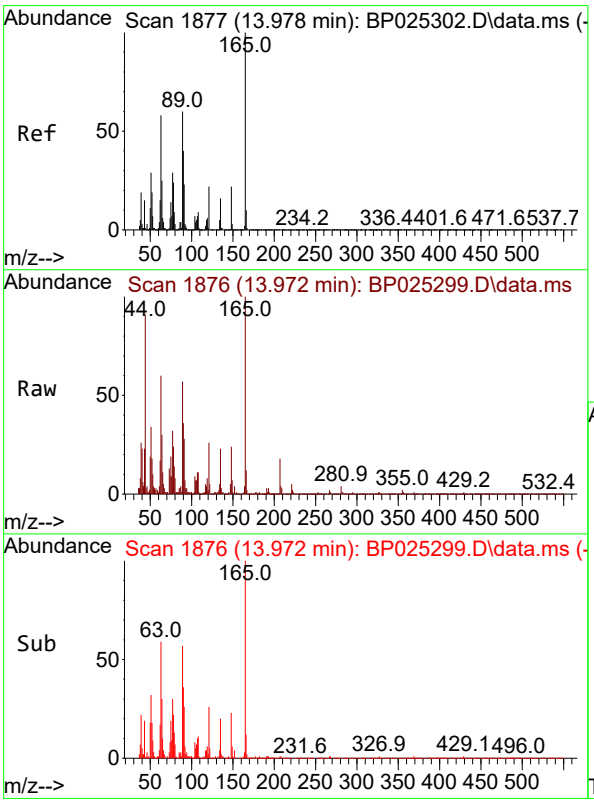
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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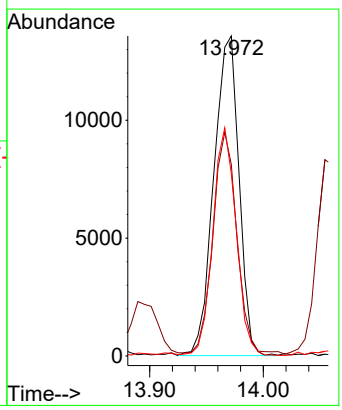
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

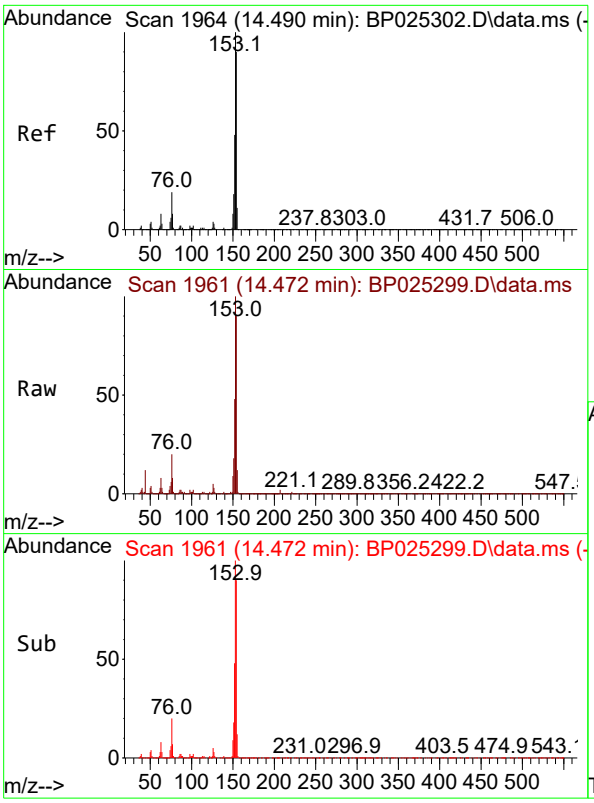


#51
2,6-Dinitrotoluene
Concen: 3.313 ng
RT: 13.972 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:165 Resp: 20906

Ion	Ratio	Lower	Upper
165	100		
63	59.9	47.6	71.4
89	56.9	47.8	71.8

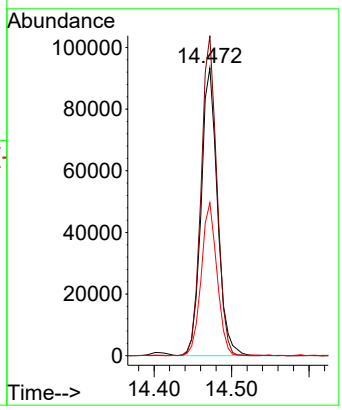




#52
Acenaphthene
Concen: 5.088 ng
RT: 14.472 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:154 Resp: 13658

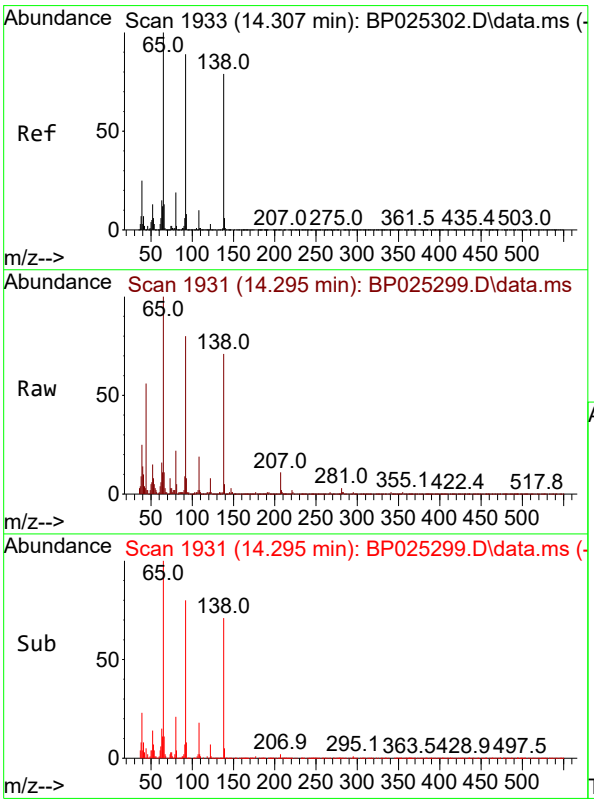
Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.2	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

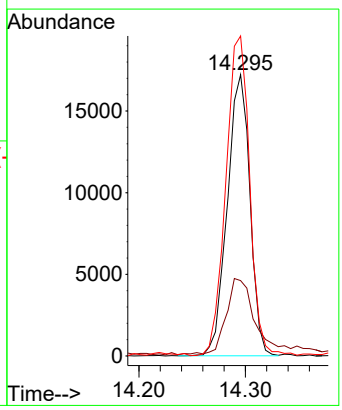
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

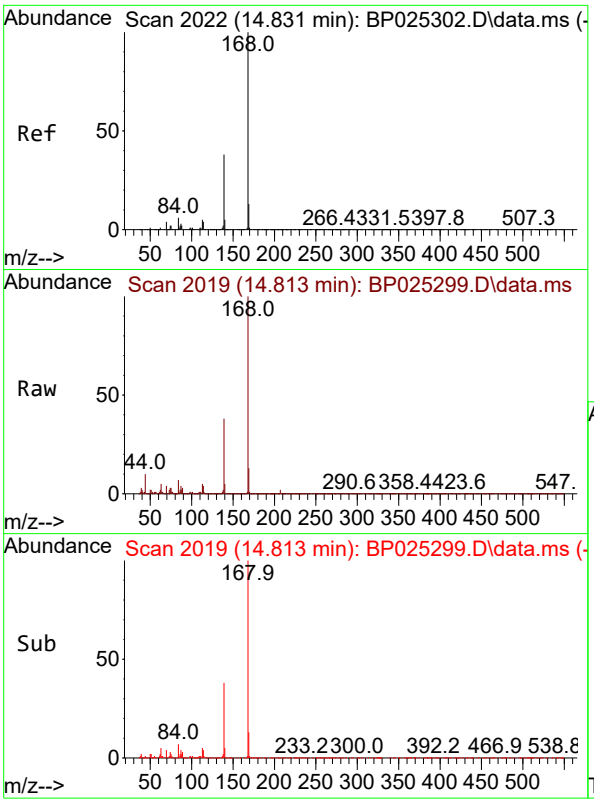


#53
3-Nitroaniline
Concen: 3.445 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:138 Resp: 25435

Ion	Ratio	Lower	Upper
138	100		
108	26.8	10.5	15.7#
92	113.8	90.9	136.3

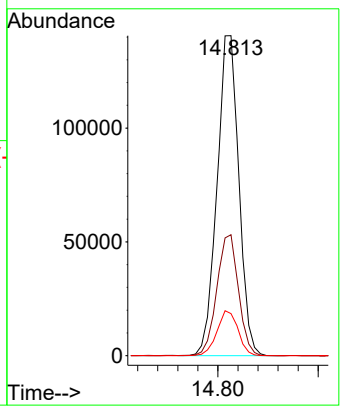




#55
Dibenzofuran
Concen: 5.277 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:168 Resp: 21170

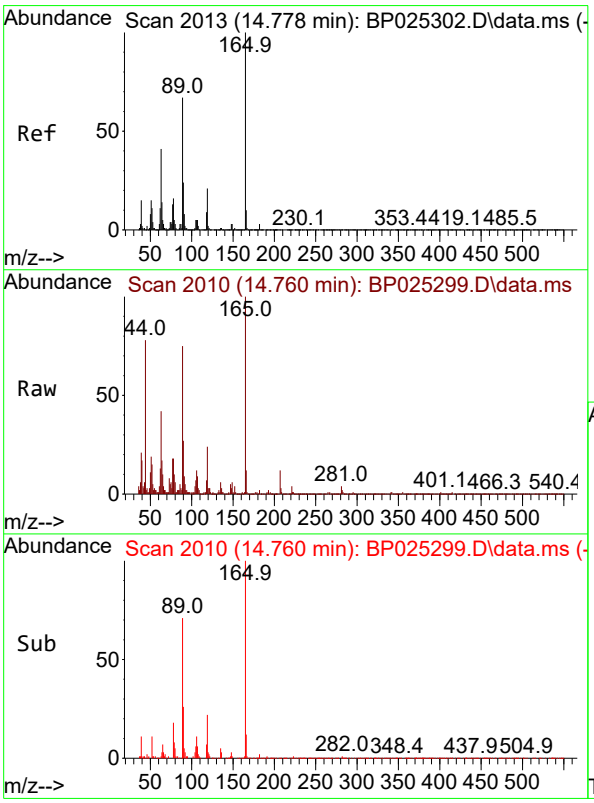
Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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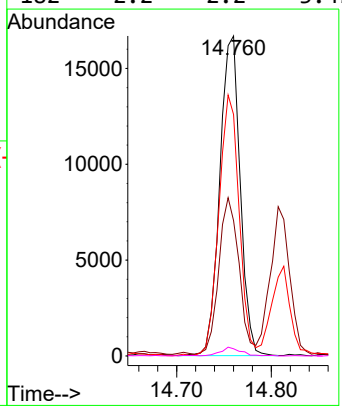
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

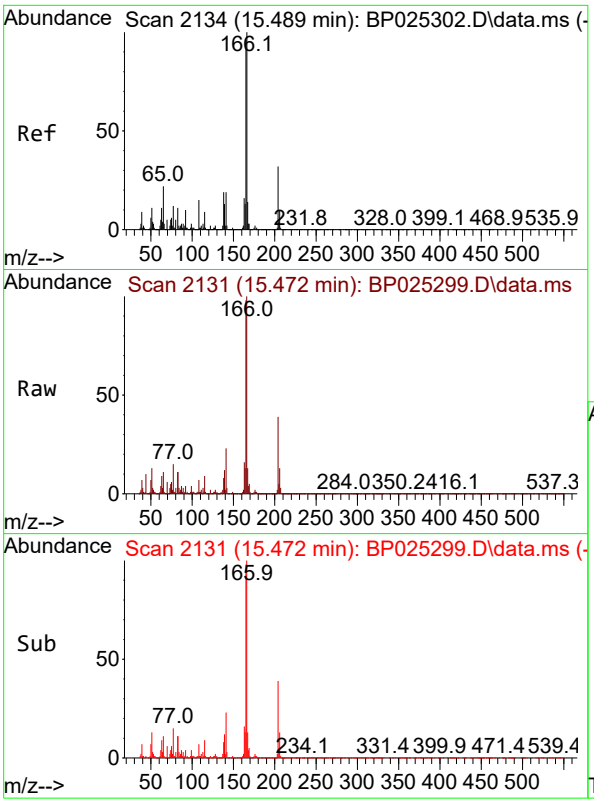


#57
2,4-Dinitrotoluene
Concen: 5.632 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:165 Resp: 24944

Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.2	49.8
89	75.4	53.5	80.3
182	2.2	2.2	3.4#

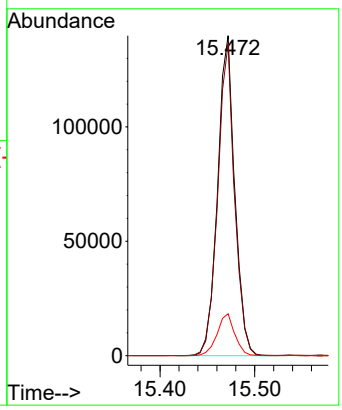




#58
Fluorene
Concen: 5.584 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:166 Resp: 17596

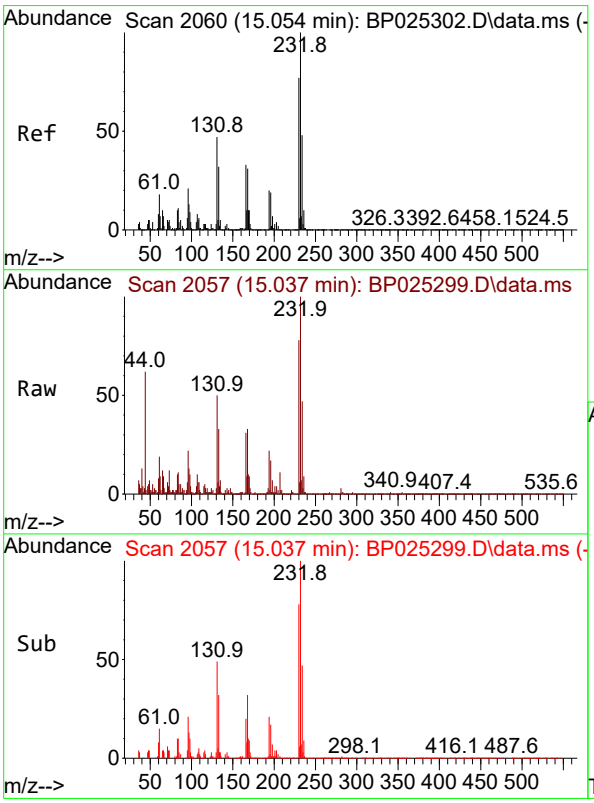
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.7	115.1
167	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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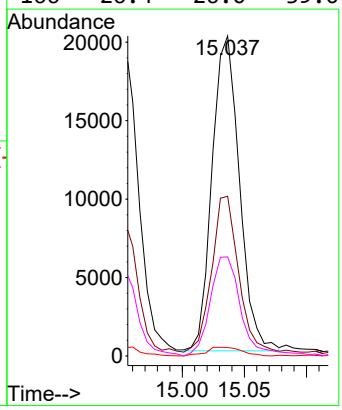
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

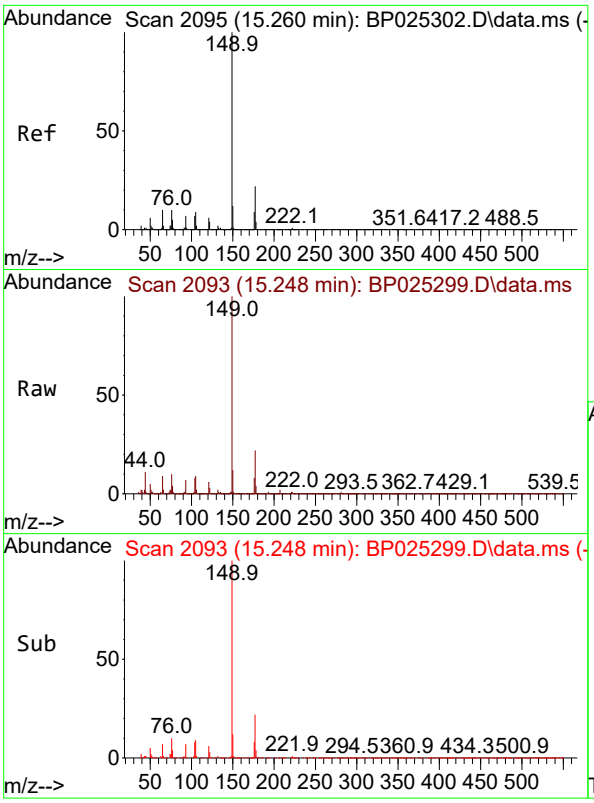


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.942 ng m
RT: 15.037 min Scan# 2057
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:232 Resp: 30755

Ion	Ratio	Lower	Upper
232	100		
131	43.7	39.3	58.9
130	2.8	2.2	3.2
166	26.4	26.0	39.0

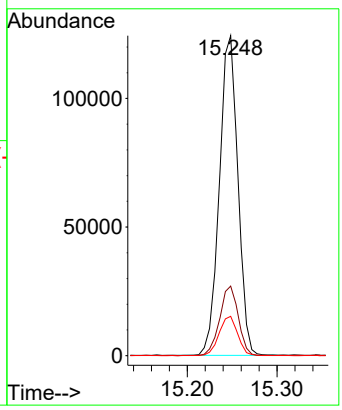




#60
Diethylphthalate
Concen: 5.165 ng
RT: 15.248 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 17815

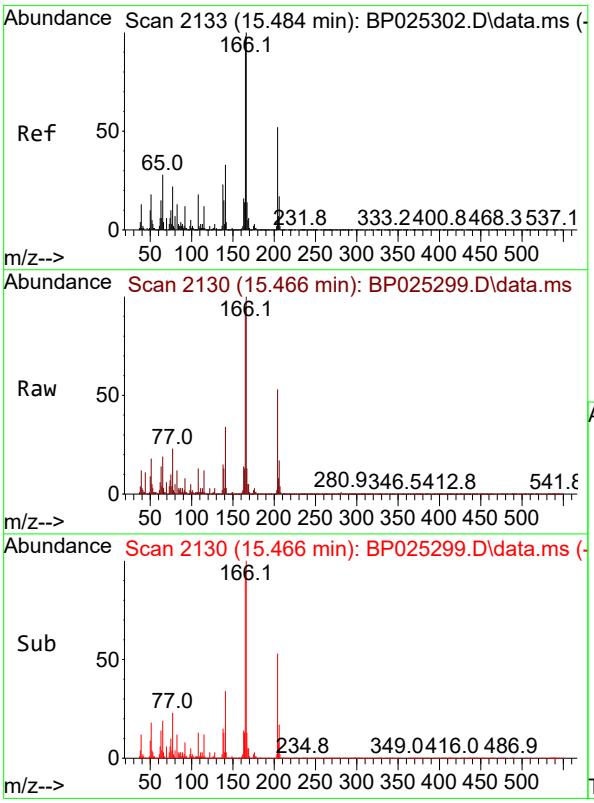
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.3	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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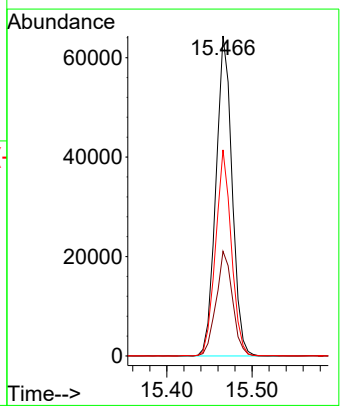
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

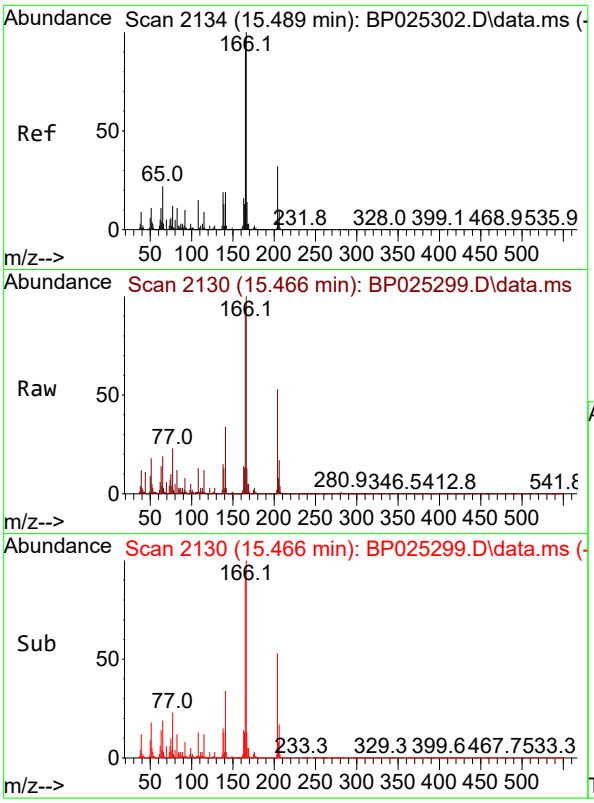


#61
4-Chlorophenyl-phenylether
Concen: 5.671 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:204 Resp: 84717

Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	64.4	50.3	75.5





#62
4-Nitroaniline
Concen: 3.637 ng
RT: 15.466 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

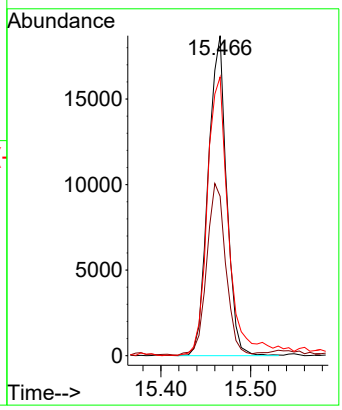
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

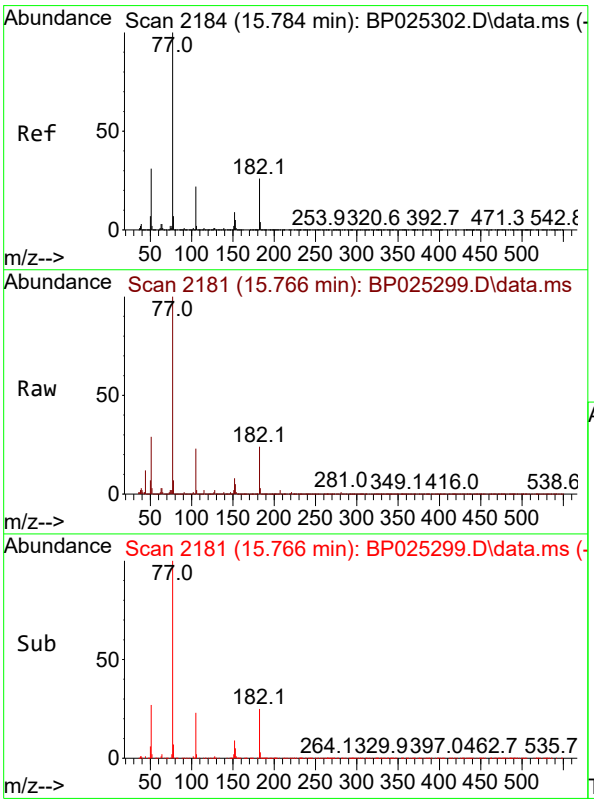
Tgt Ion:138 Resp: 2661

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.8	69.8
108	87.1	56.6	96.6

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

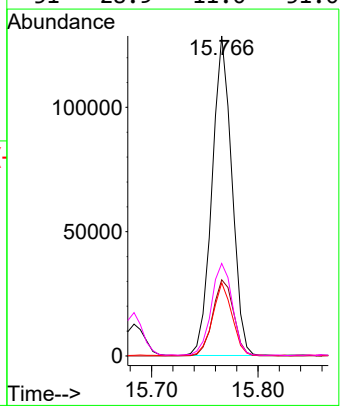


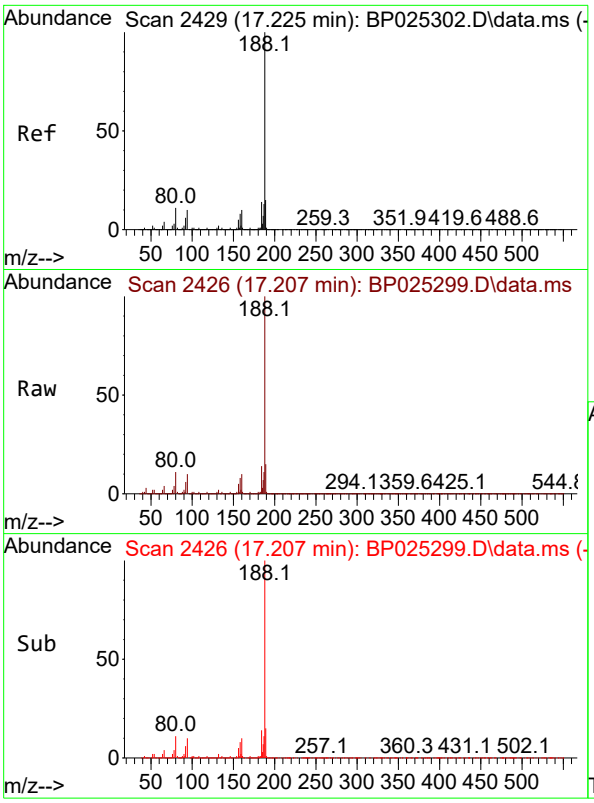


#63
Azobenzene
Concen: 5.170 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 77 Resp: 165659

Ion	Ratio	Lower	Upper
77	100		
182	23.8	6.0	46.0
105	22.9	2.1	42.1
51	28.9	11.0	51.0

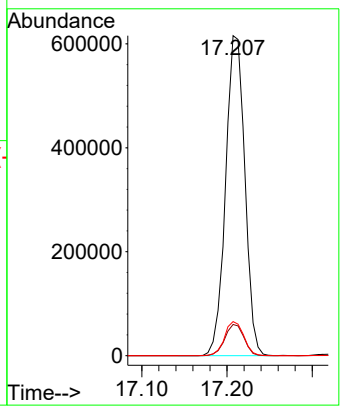




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:188 Resp: 96580

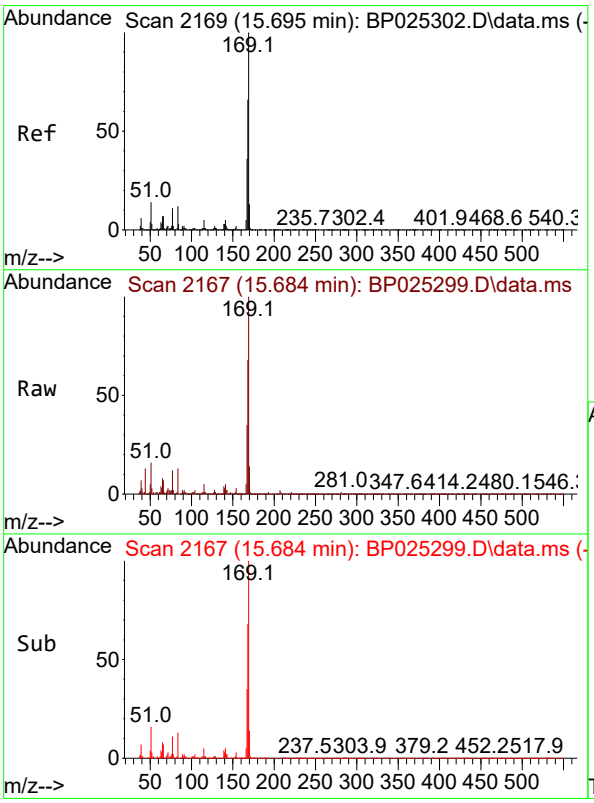
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.6	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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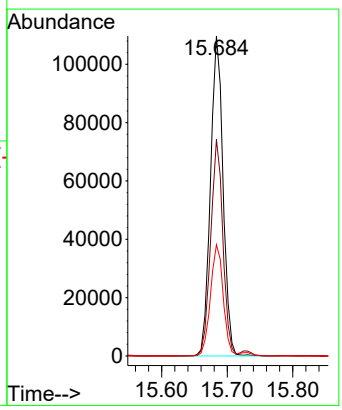
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

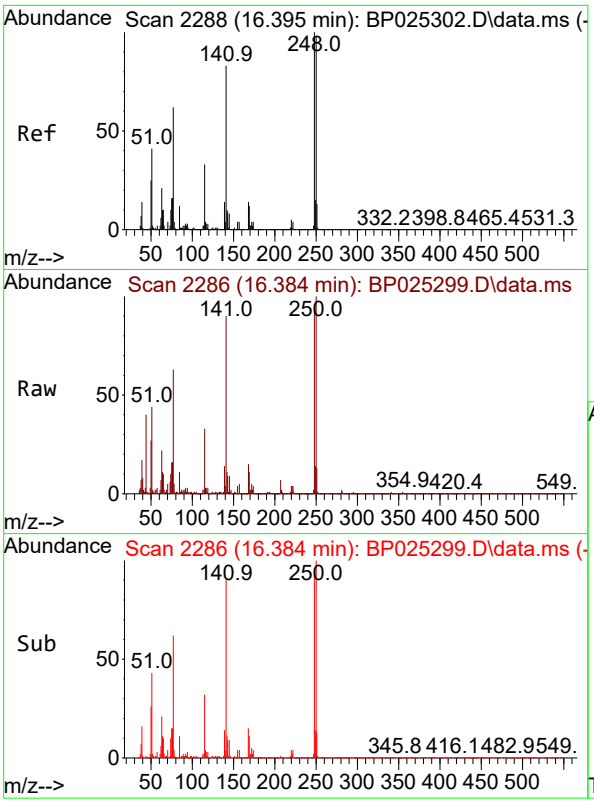


#66
n-Nitrosodiphenylamine
Concen: 4.973 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:169 Resp: 146252

Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.8	79.2
167	34.7	28.5	42.7

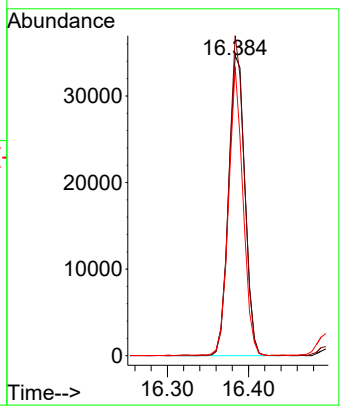




#67
4-Bromophenyl-phenylether
Concen: 4.978 ng
RT: 16.384 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:248 Resp: 4837

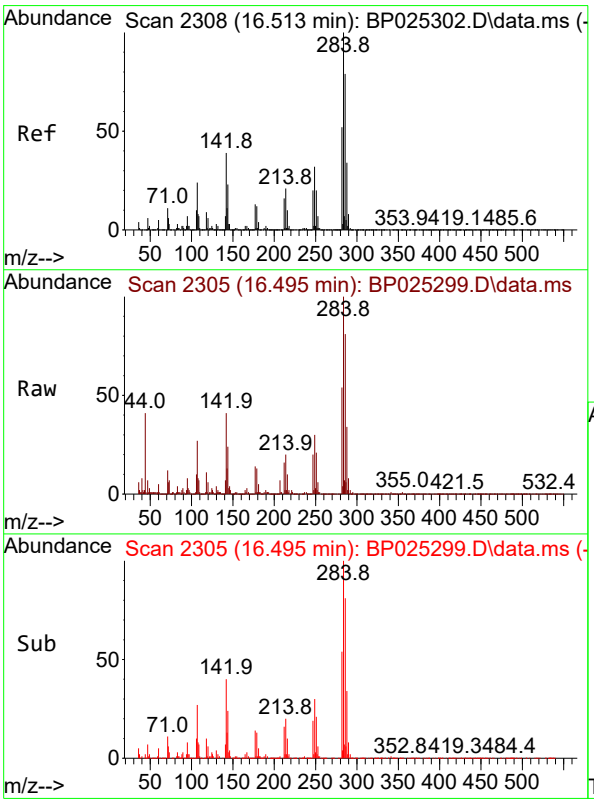
Ion	Ratio	Lower	Upper
248	100		
250	106.6	78.6	117.8
141	96.2	66.6	99.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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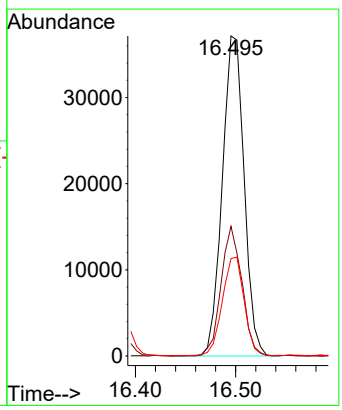
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

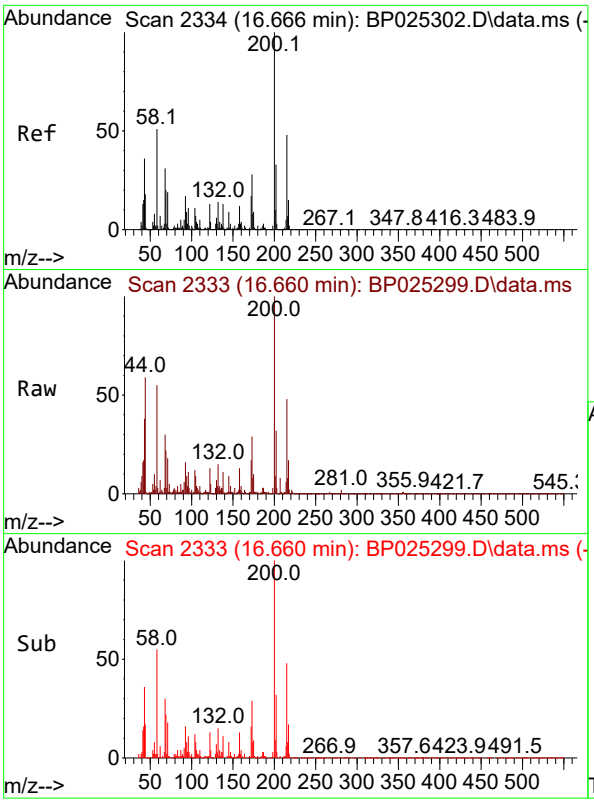


#68
Hexachlorobenzene
Concen: 5.143 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:284 Resp: 56081

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.8	46.2
249	30.5	25.4	38.0

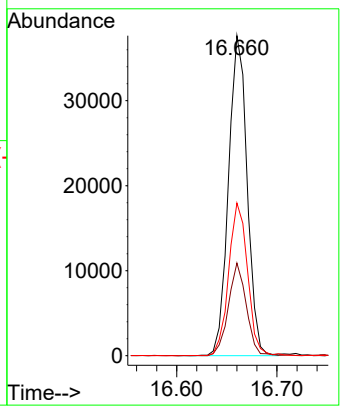




#69
Atrazine
Concen: 4.702 ng
RT: 16.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:200 Resp: 4862

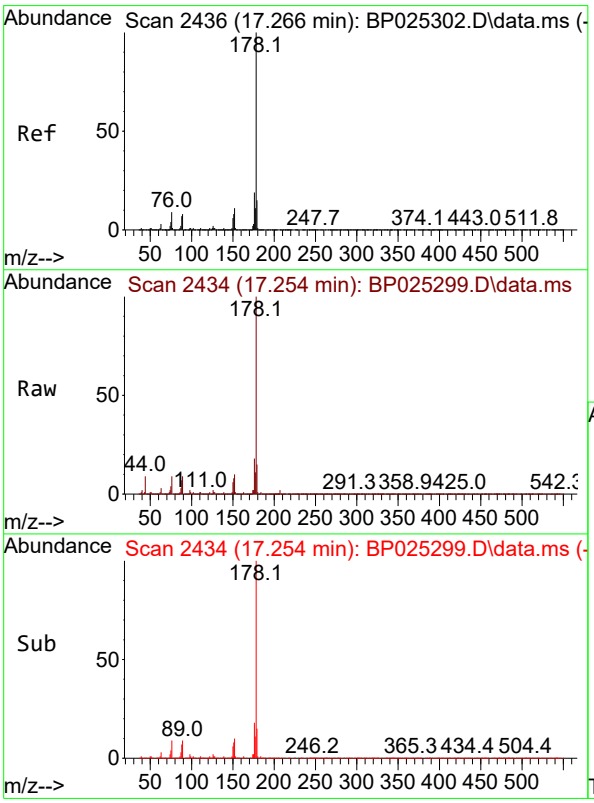
Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.2	48.2
215	47.7	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

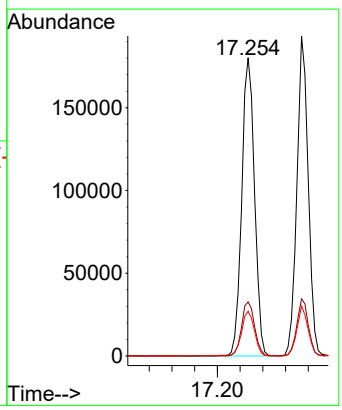
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

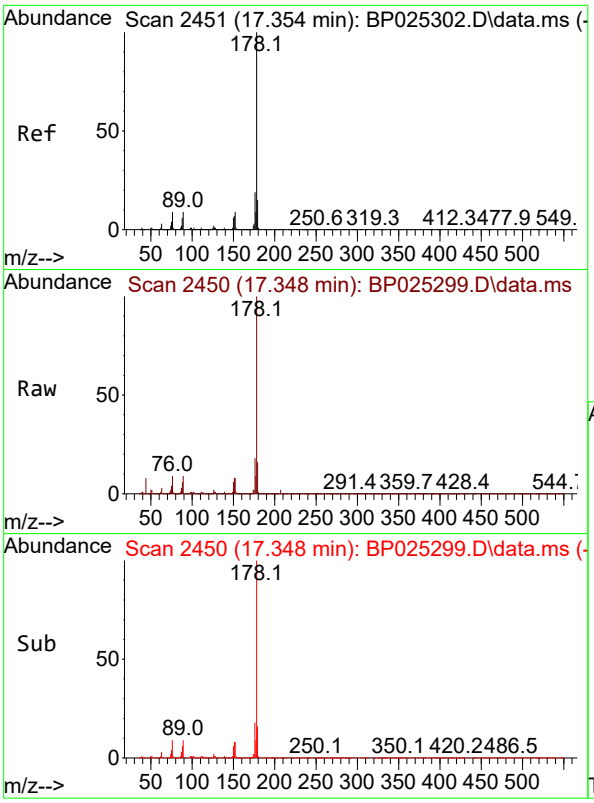


#71
Phenanthrene
Concen: 5.301 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:178 Resp: 280407

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.0	12.1	18.1

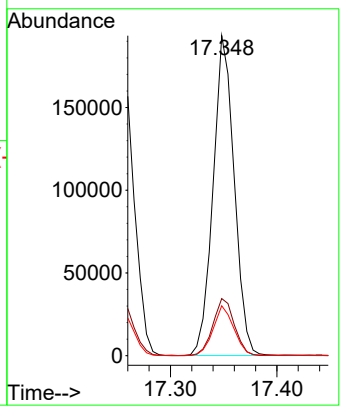




#72
Anthracene
Concen: 4.996 ng
RT: 17.348 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:178 Resp: 26647

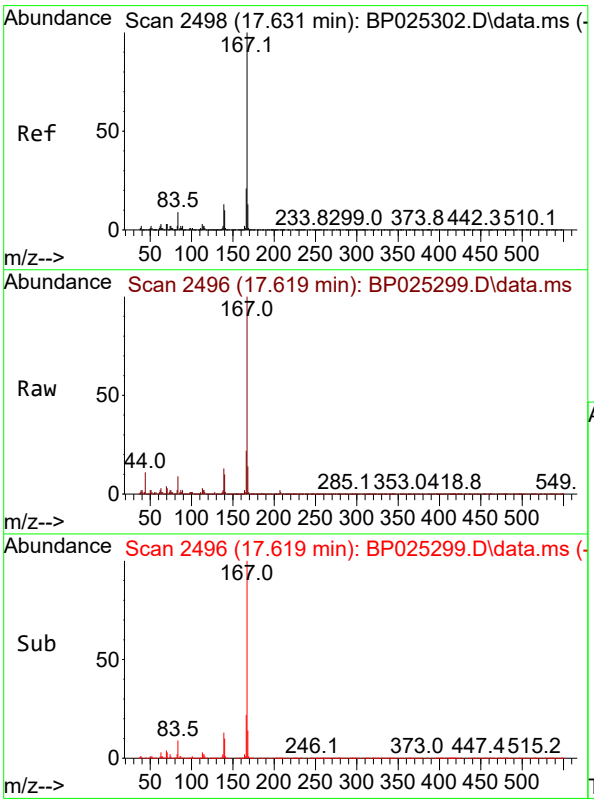
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.6	12.3	18.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

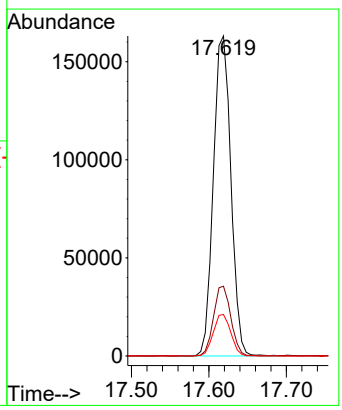
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

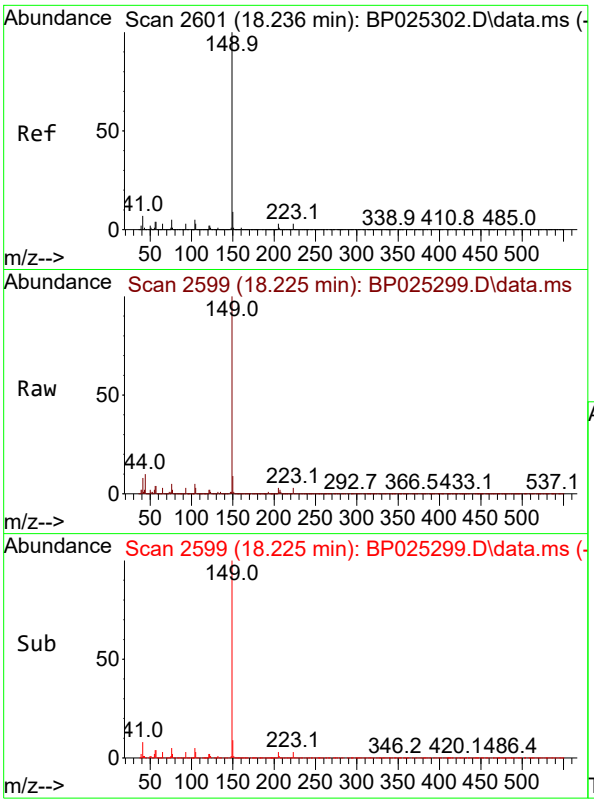


#73
Carbazole
Concen: 5.008 ng
RT: 17.619 min Scan# 2496
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:167 Resp: 256385

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.0	10.6	16.0

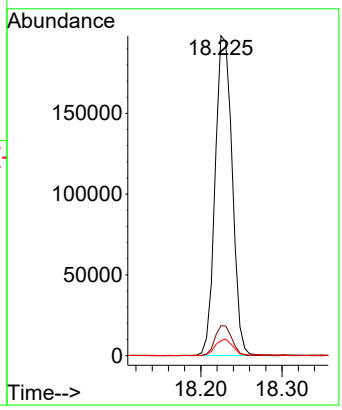




#74
Di-n-butylphthalate
Concen: 4.669 ng
RT: 18.225 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 28917

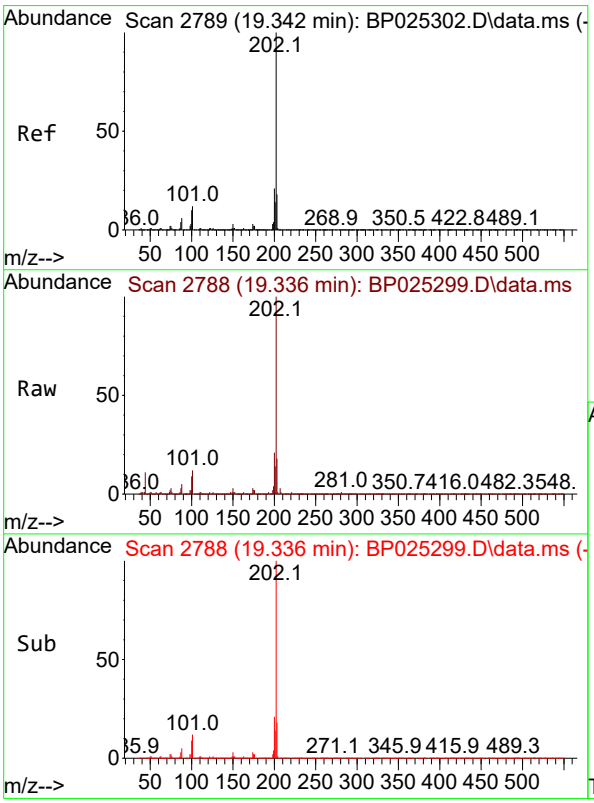
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	4.1	6.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

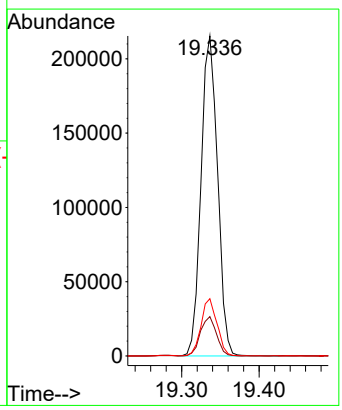
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

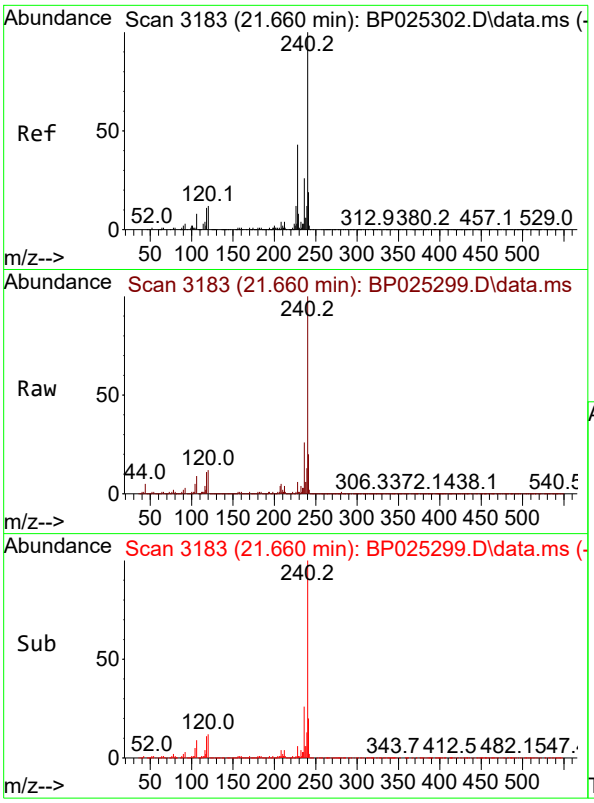


#75
Fluoranthene
Concen: 5.207 ng
RT: 19.336 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:202 Resp: 318877

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	17.9	0.0	37.6

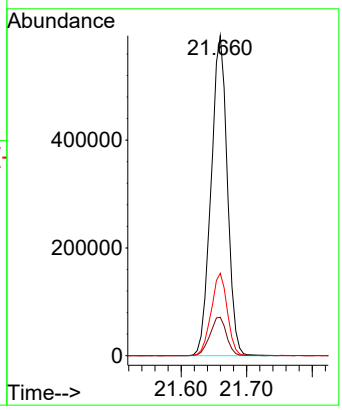




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:240 Resp: 101885

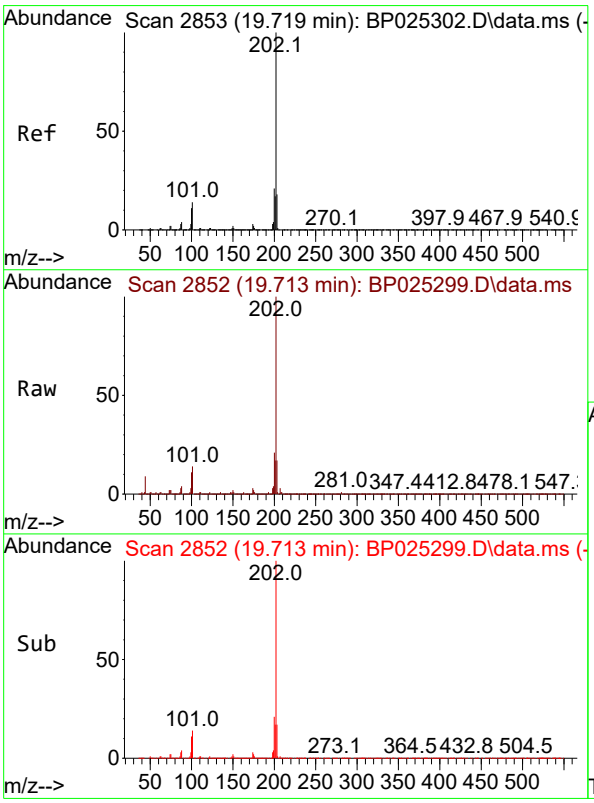
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.7	20.4	30.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

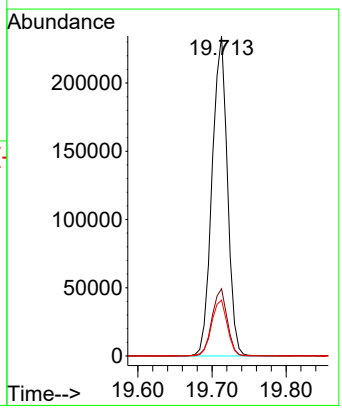
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

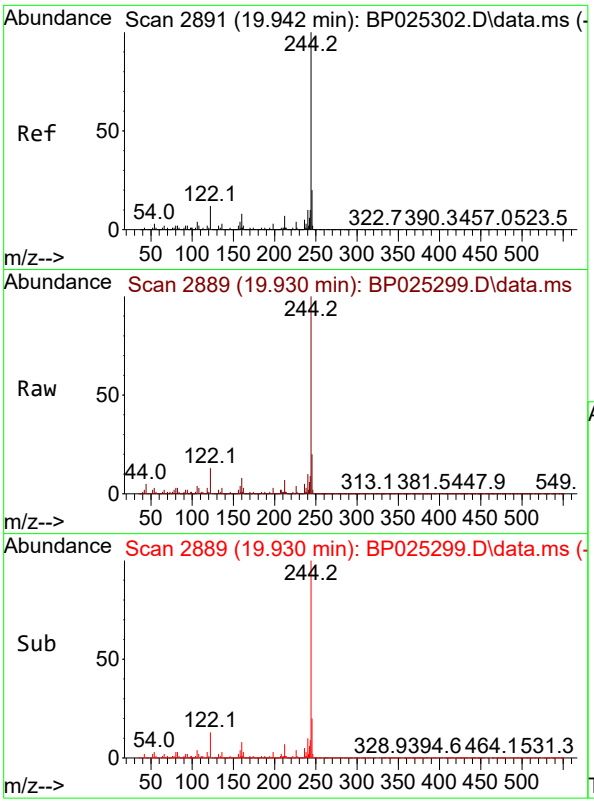


#78
Pyrene
Concen: 4.966 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:202 Resp: 336486

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	14.1	21.1

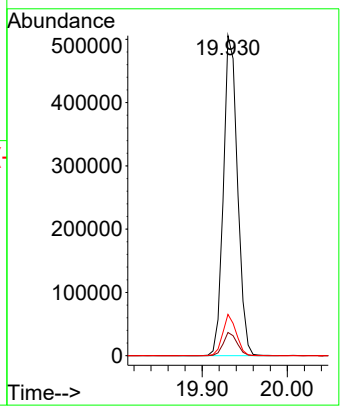




#79
Terphenyl-d14
Concen: 10.771 ng
RT: 19.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:244 Resp: 58091

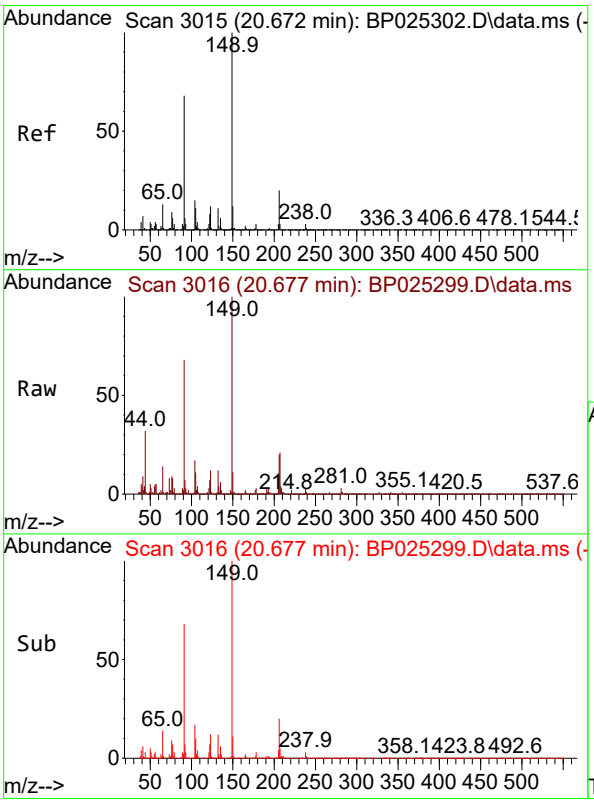
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.9	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

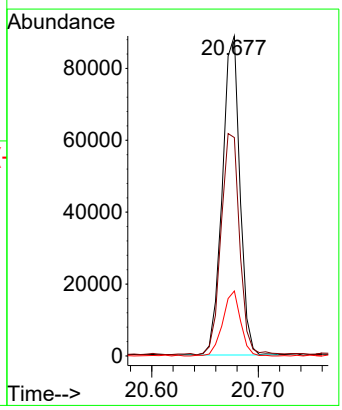
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

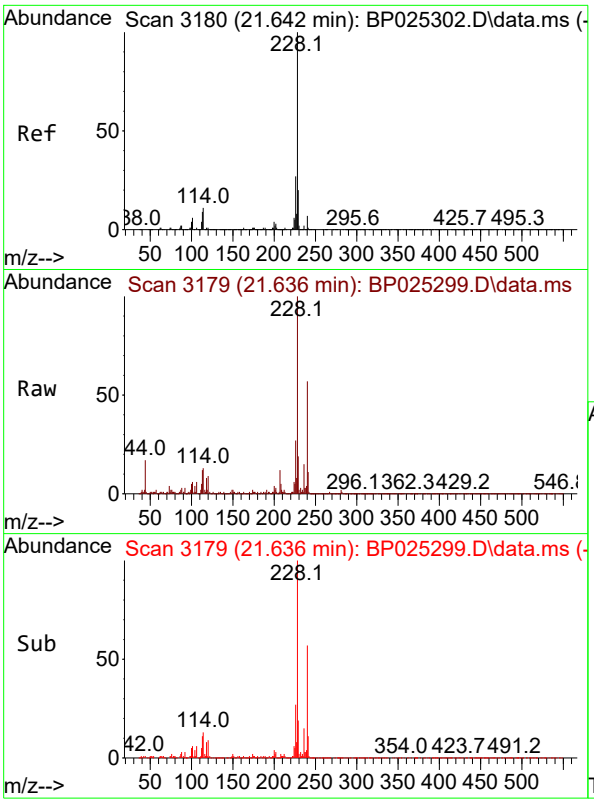


#80
Butylbenzylphthalate
Concen: 3.701 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 101682

Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.7	82.1
206	20.3	16.4	24.6

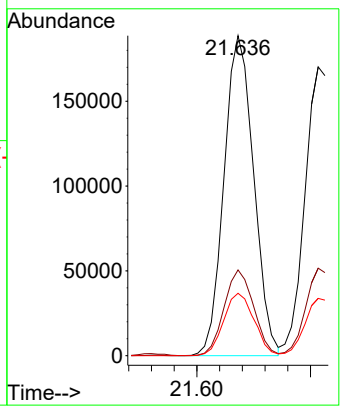




#81
Benzo(a)anthracene
Concen: 5.065 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:228 Resp: 34292

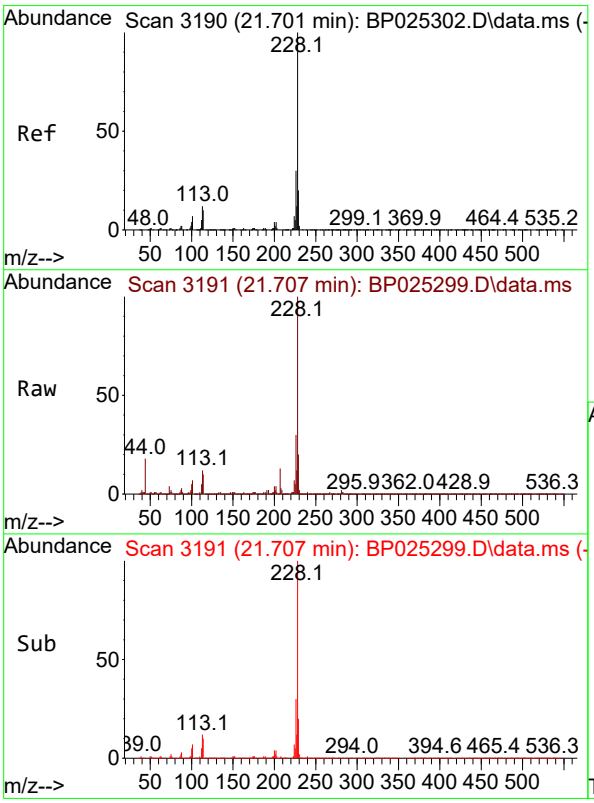
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.5	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

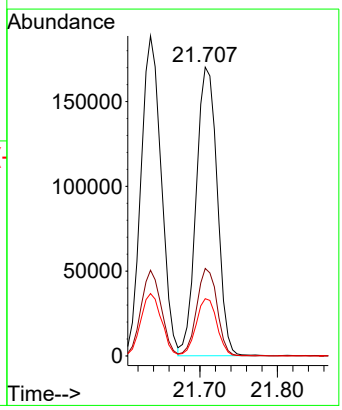
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

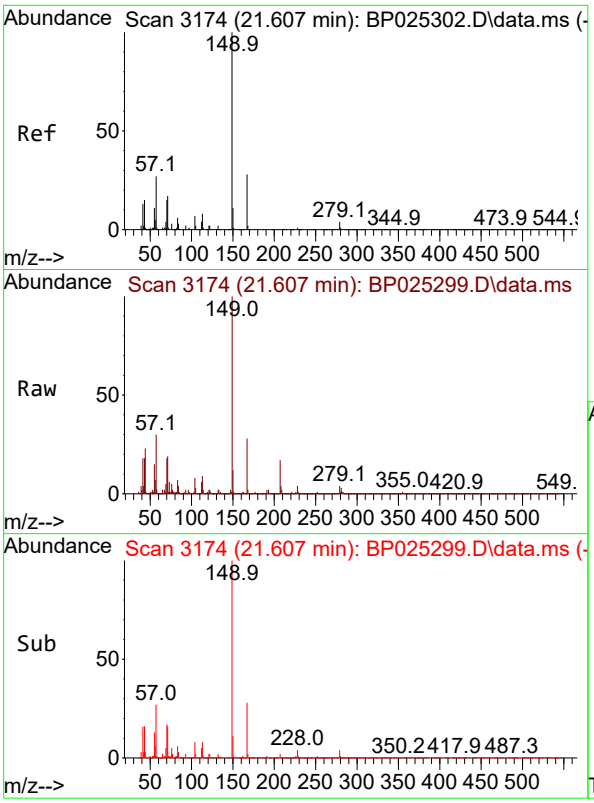


#83
Chrysene
Concen: 5.098 ng
RT: 21.707 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:228 Resp: 320171

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.8	15.9	23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.269 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

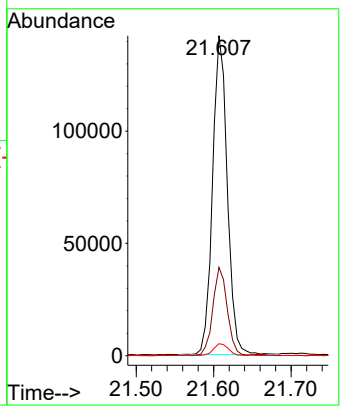
Tgt Ion:149 Resp: 18730

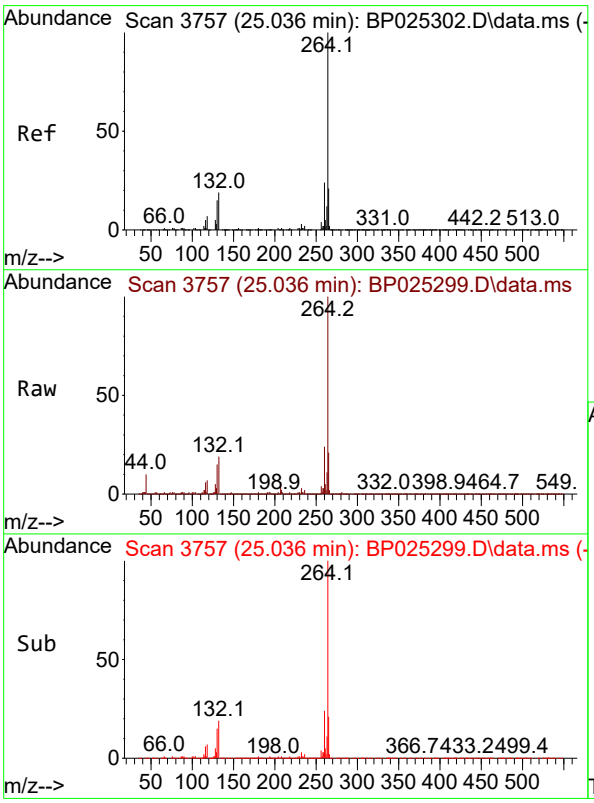
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.8	3.4	5.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

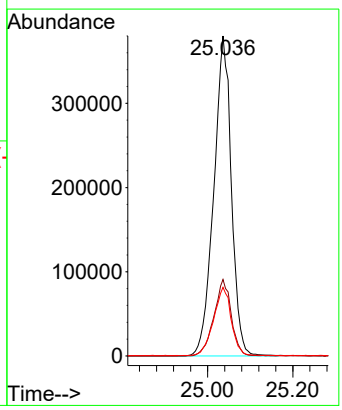


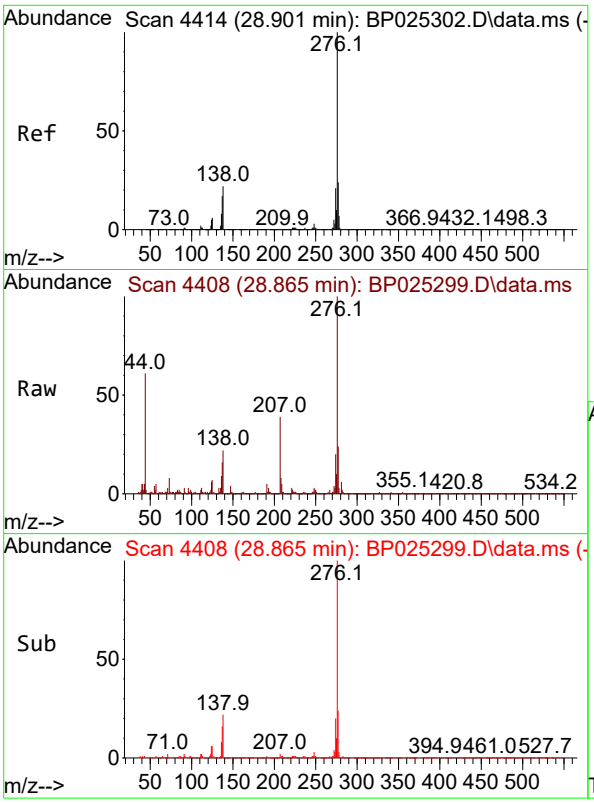


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:264 Resp: 1088697

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.1	25.7

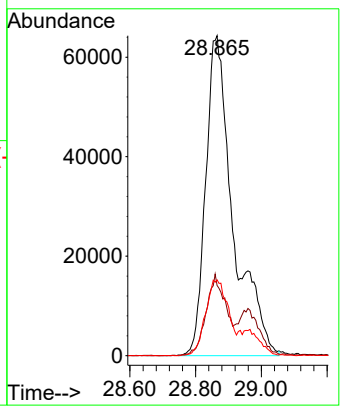




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.785 ng m
RT: 28.865 min Scan# 44
Delta R.T. -0.036 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:276 Resp: 37392

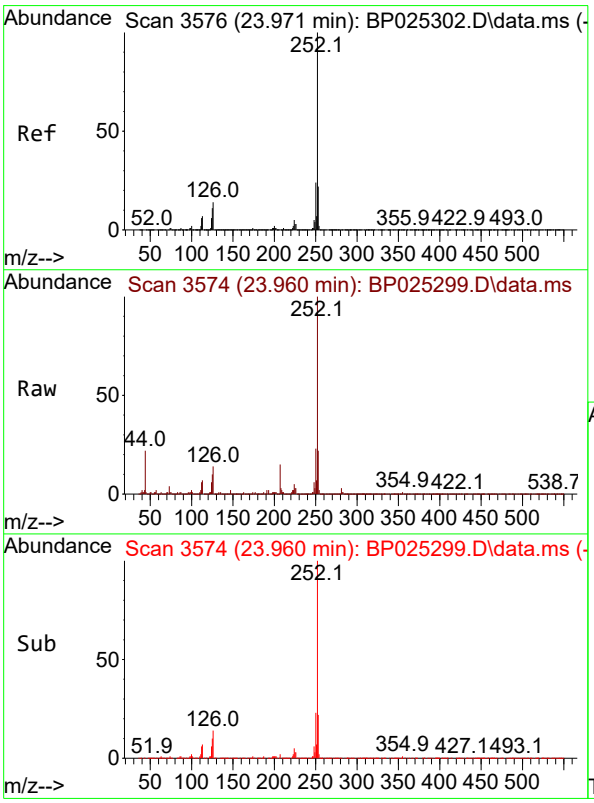
Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.6	22.0
277	19.5	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

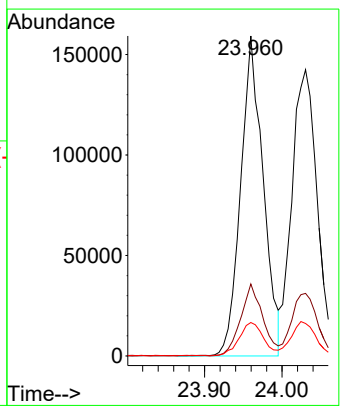
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

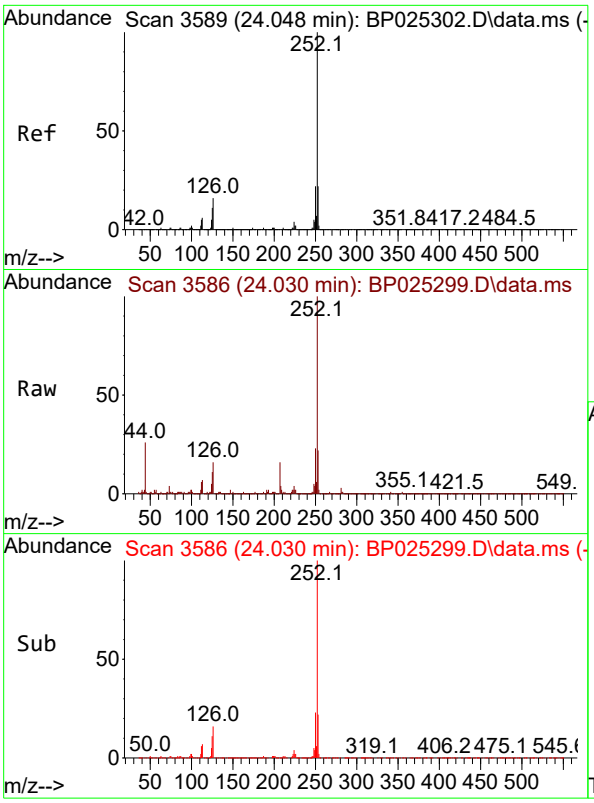


#88
Benzo(b)fluoranthene
Concen: 4.937 ng
RT: 23.960 min Scan# 3574
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 321726

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	8.5	12.7

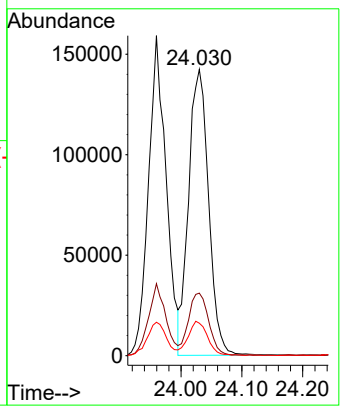




#89
Benzo(k)fluoranthene
Concen: 5.016 ng
RT: 24.030 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 32409

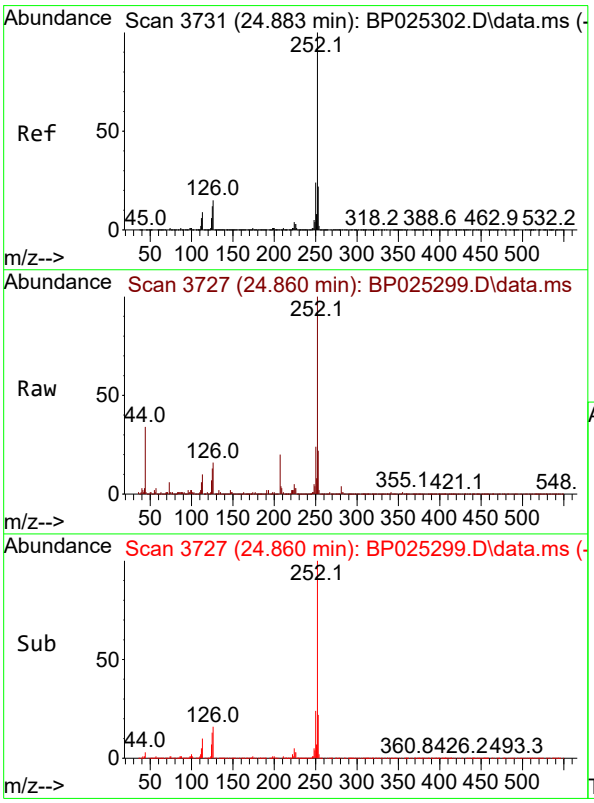
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.3	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

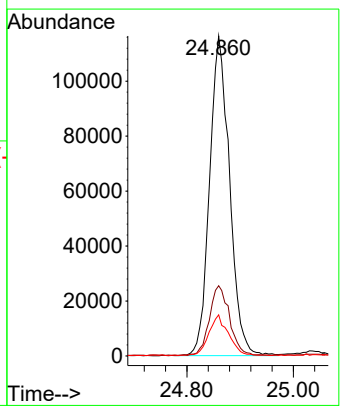
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

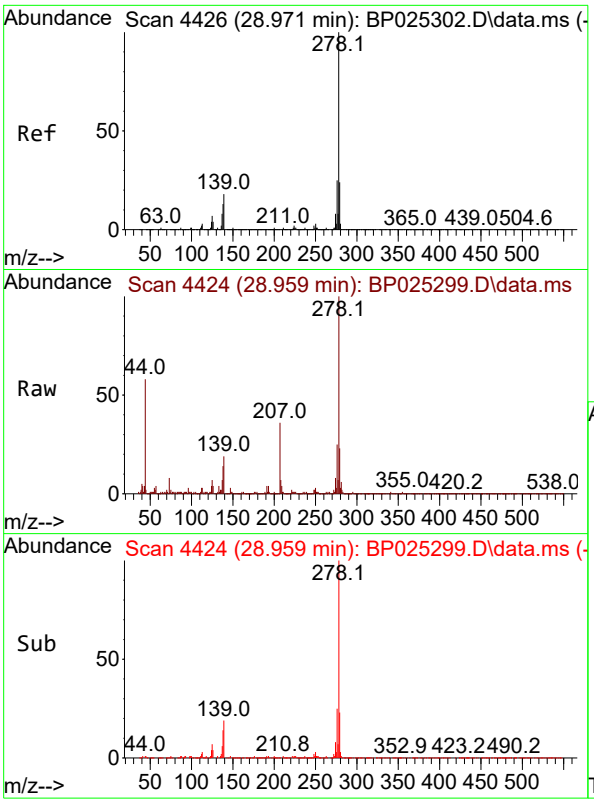


#90
Benzo(a)pyrene
Concen: 4.840 ng
RT: 24.860 min Scan# 3727
Delta R.T. -0.023 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 303778

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.8	9.4	14.0

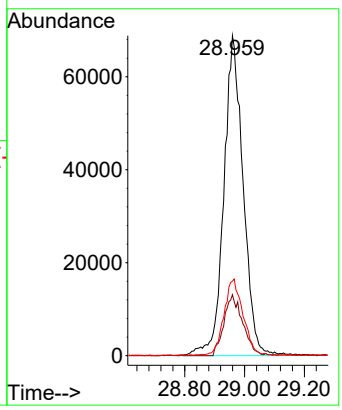




#91
Dibenzo(a,h)anthracene
Concen: 4.833 ng
RT: 28.959 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:278 Resp: 30884

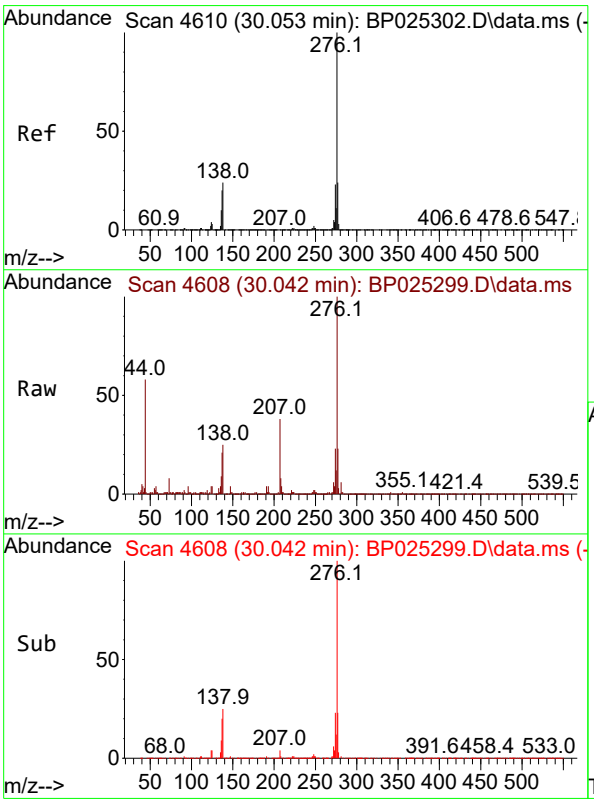
Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.6	22.0
279	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

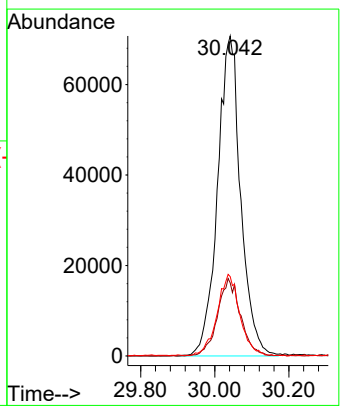
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 4.886 ng
RT: 30.042 min Scan# 4608
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:276 Resp: 306565

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.3	28.9
138	24.8	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	199588	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	845252	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	537224	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1073622	20.000	ng		-0.01
76) Chrysene-d12	21.654	240	1112736	20.000	ng		0.00
86) Perylene-d12	25.024	264	1171338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	243459	19.492	ng		0.00
7) Phenol-d6	6.961	99	315945	19.176	ng		0.00
23) Nitrobenzene-d5	8.937	82	282618	18.091	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	97752	17.623	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	780489	20.174	ng		0.00
79) Terphenyl-d14	19.942	244	1204621	20.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	50082	10.227	ng		97
3) Pyridine	3.725	79	134101	9.856	ng		95
4) n-Nitrosodimethylamine	3.643	42	60618	9.597	ng	#	95
6) Aniline	7.131	93	209460	9.343	ng		98
8) 2-Chlorophenol	7.372	128	126166	9.288	ng		97
9) Benzaldehyde	6.949	77	112991	9.741	ng		99
10) Phenol	6.984	94	167307	9.575	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	130843	9.556	ng		100
12) 1,3-Dichlorobenzene	7.696	146	151188	9.906	ng		98
13) 1,4-Dichlorobenzene	7.837	146	150627	9.755	ng		100
14) 1,2-Dichlorobenzene	8.155	146	144777	9.679	ng		98
15) Benzyl Alcohol	8.025	79	112727	8.905	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	208708	9.650	ng		98
17) 2-Methylphenol	8.225	107	108323	9.264	ng		99
18) Hexachloroethane	8.878	117	53085	9.613	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	102413	9.544	ng		99
20) 3+4-Methylphenols	8.543	107	144425	8.970	ng		100
22) Acetophenone	8.608	105	210356	9.914	ng	#	98
24) Nitrobenzene	8.978	77	132011	9.140	ng		99
25) Isophorone	9.502	82	288268	9.492	ng		98
26) 2-Nitrophenol	9.684	139	35903	8.913	ng		98
27) 2,4-Dimethylphenol	9.743	122	135004	9.642	ng		99
28) bis(2-Chloroethoxy)met...	9.978	93	175188	9.483	ng		97
29) 2,4-Dichlorophenol	10.213	162	109548	8.937	ng		98
30) 1,2,4-Trichlorobenzene	10.437	180	132056	9.765	ng		96
31) Naphthalene	10.625	128	428389	9.763	ng		100
32) Benzoic acid	9.796	122	29602	10.101	ng		97
33) 4-Chloroaniline	10.719	127	183806	9.419	ng		100
34) Hexachlorobutadiene	10.919	225	75081	9.671	ng		97
35) Caprolactam	11.449	113	40323	8.461	ng		97
36) 4-Chloro-3-methylphenol	11.831	107	127937	9.020	ng		98
37) 2-Methylnaphthalene	12.225	142	276185	9.724	ng		98
38) 1-Methylnaphthalene	12.449	142	288814	9.746	ng		98
40) 1,2,4,5-Tetrachloroben...	12.596	216	142243	9.698	ng		99
41) Hexachlorocyclopentadiene	12.584	237	78172	8.636	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	80839	8.532	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

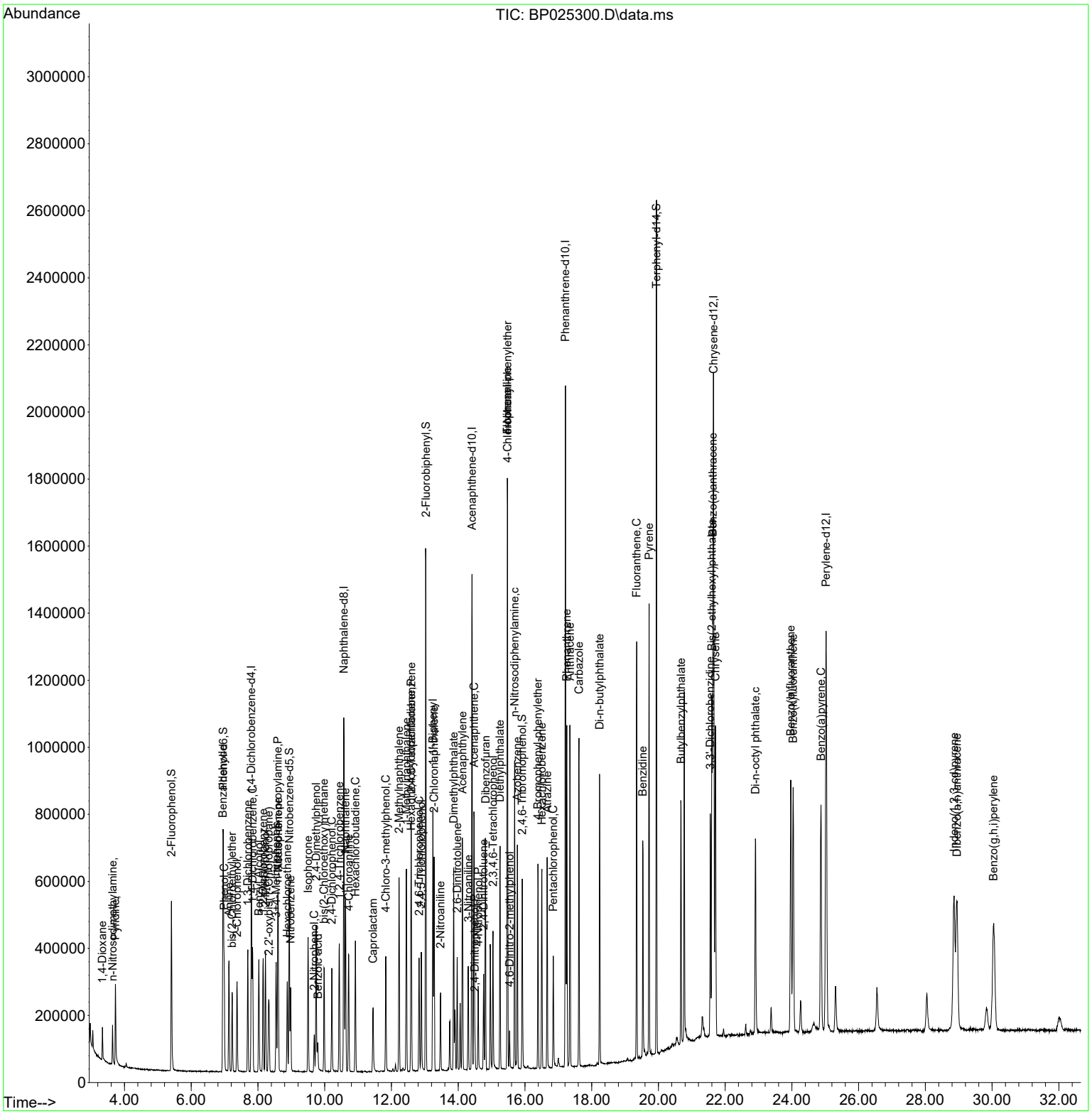
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	91922	8.648	ng		99
46) 1,1'-Biphenyl	13.243	154	392401	9.911	ng		99
47) 2-Chloronaphthalene	13.278	162	295035	9.768	ng		99
48) 2-Nitroaniline	13.472	65	56938	9.002	ng		98
49) Acenaphthylene	14.125	152	494624	9.817	ng		100
50) Dimethylphthalate	13.866	163	376892	9.624	ng		99
51) 2,6-Dinitrotoluene	13.972	165	58404	8.085	ng		98
52) Acenaphthene	14.472	154	300858	9.790	ng		99
53) 3-Nitroaniline	14.301	138	68662	8.123	ng	#	94
54) 2,4-Dinitrophenol	14.501	184	15825	9.839	ng	#	76
55) Dibenzofuran	14.819	168	459701	10.010	ng		98
56) 4-Nitrophenol	14.601	139	53432	7.162	ng		96
57) 2,4-Dinitrotoluene	14.760	165	69027	9.001	ng		87
58) Fluorene	15.472	166	375406	10.408	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.043	232	76798	8.599	ng		99
60) Diethylphthalate	15.254	149	380275	9.631	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	171438	10.026	ng		99
62) 4-Nitroaniline	15.472	138	70585	8.428	ng		93
63) Azobenzene	15.772	77	359853	9.811	ng		98
65) 4,6-Dinitro-2-methylph...	15.543	198	22067	10.172	ng		95
66) n-Nitrosodiphenylamine	15.690	169	322596	9.868	ng		99
67) 4-Bromophenyl-phenylether	16.390	248	104373	9.662	ng		98
68) Hexachlorobenzene	16.507	284	119372	9.848	ng		97
69) Atrazine	16.666	200	106765	9.287	ng		99
70) Pentachlorophenol	16.848	266	55907	7.240	ng		95
71) Phenanthrene	17.254	178	590839	10.048	ng		99
72) Anthracene	17.348	178	586562	9.893	ng		99
73) Carbazole	17.619	167	573898	10.083	ng		99
74) Di-n-butylphthalate	18.236	149	637721	9.262	ng		99
75) Fluoranthene	19.348	202	691537	10.159	ng		98
77) Benzidine	19.531	184	371909	9.234	ng		99
78) Pyrene	19.719	202	730793	9.876	ng		99
80) Butylbenzylphthalate	20.678	149	229970	7.663	ng		97
81) Benzo(a)anthracene	21.630	228	727727	9.842	ng		98
82) 3,3'-Dichlorobenzidine	21.554	252	230264	8.826	ng		99
83) Chrysene	21.707	228	663697	9.677	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	396772	8.280	ng		100
85) Di-n-octyl phthalate	22.907	149	562282	7.010	ng		98
87) Indeno(1,2,3-cd)pyrene	28.859	276	762632	9.070	ng		99
88) Benzo(b)fluoranthene	23.966	252	674021	9.613	ng		99
89) Benzo(k)fluoranthene	24.036	252	670628	9.648	ng		99
90) Benzo(a)pyrene	24.871	252	648807	9.608	ng		99
91) Dibenzo(a,h)anthracene	28.948	278	630715	9.173	ng		99
92) Benzo(g,h,i)perylene	30.042	276	615632	9.120	ng		98

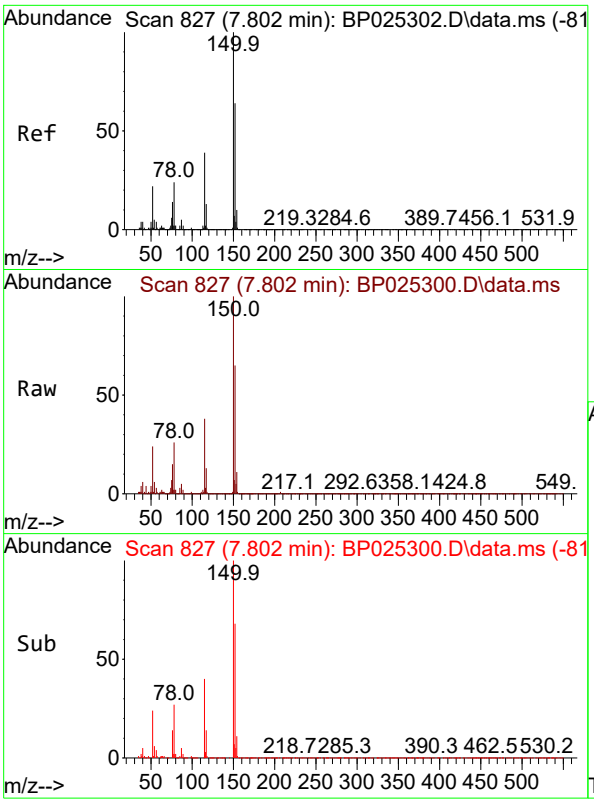
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



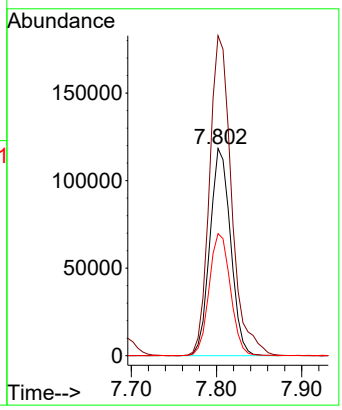


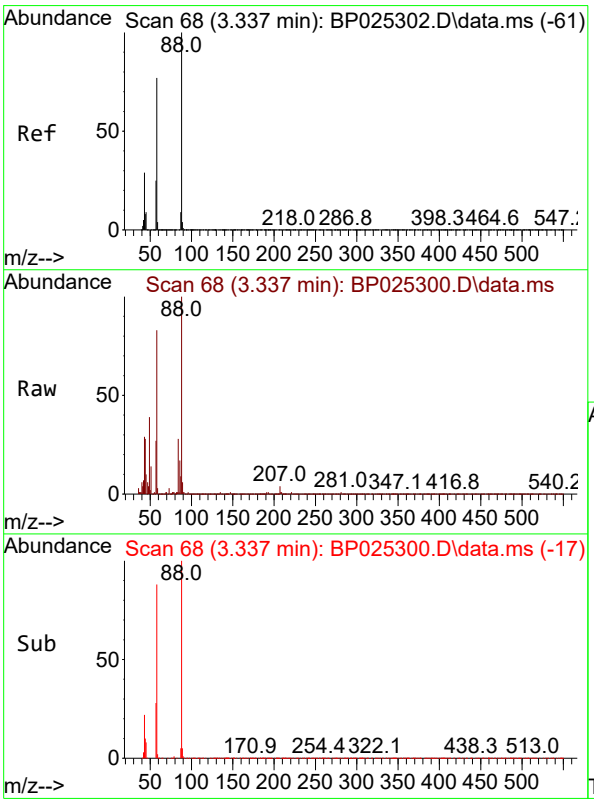
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 199588

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.1	187.7
115	58.9	48.4	72.6

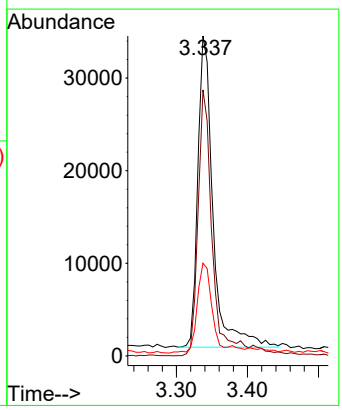


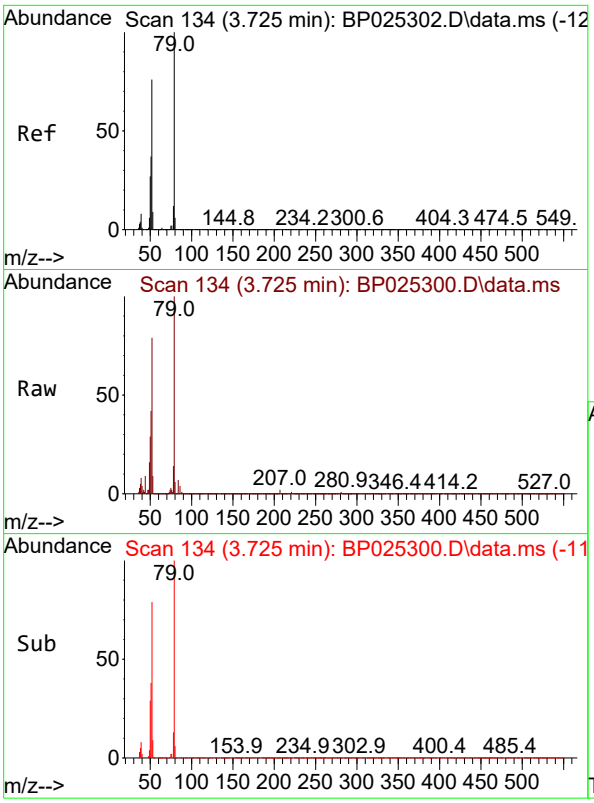


#2
1,4-Dioxane
Concen: 10.227 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 88 Resp: 50082

Ion	Ratio	Lower	Upper
88	100		
58	79.3	61.9	92.9
43	27.8	24.2	36.2



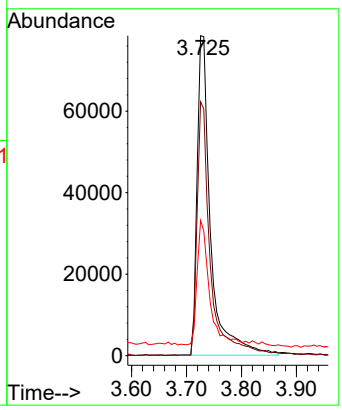


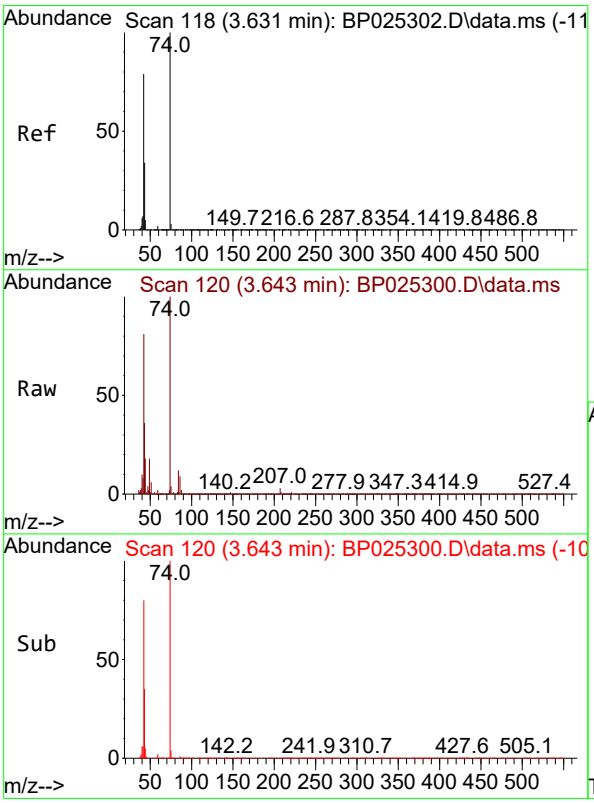
#3
Pyridine
Concen: 9.856 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 134101

Ion	Ratio	Lower	Upper
79	100		
52	79.4	60.5	90.7
51	42.2	30.2	45.2

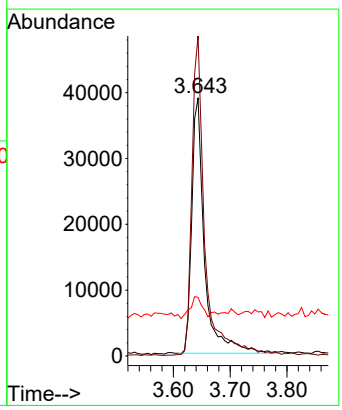


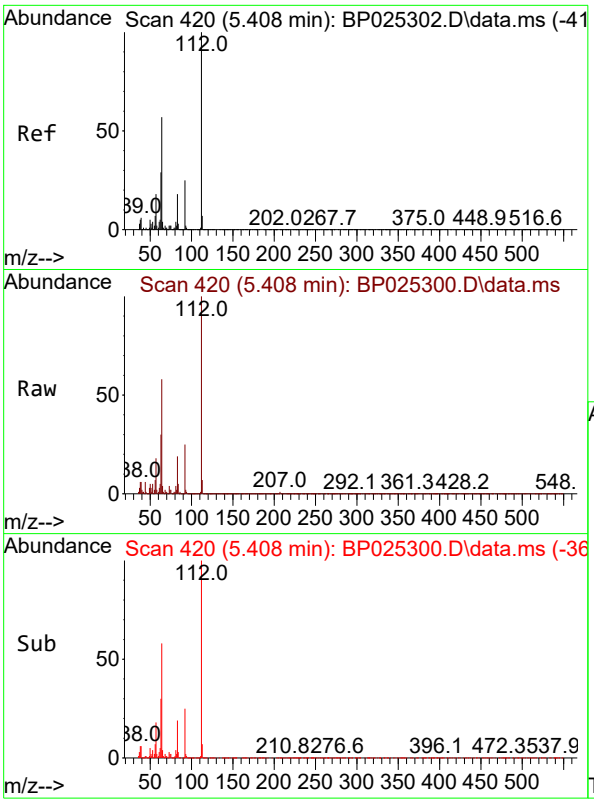


#4
n-Nitrosodimethylamine
Concen: 9.597 ng
RT: 3.643 min Scan# 120
Delta R.T. 0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 42 Resp: 60618

Ion	Ratio	Lower	Upper
42	100		
74	123.9	101.4	152.2
44	22.7	7.6	11.4#



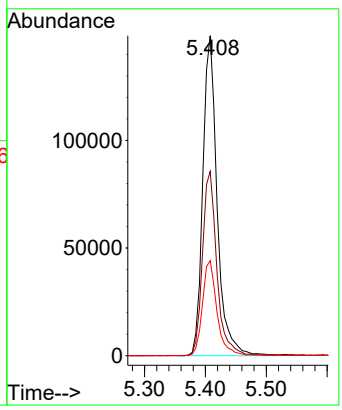


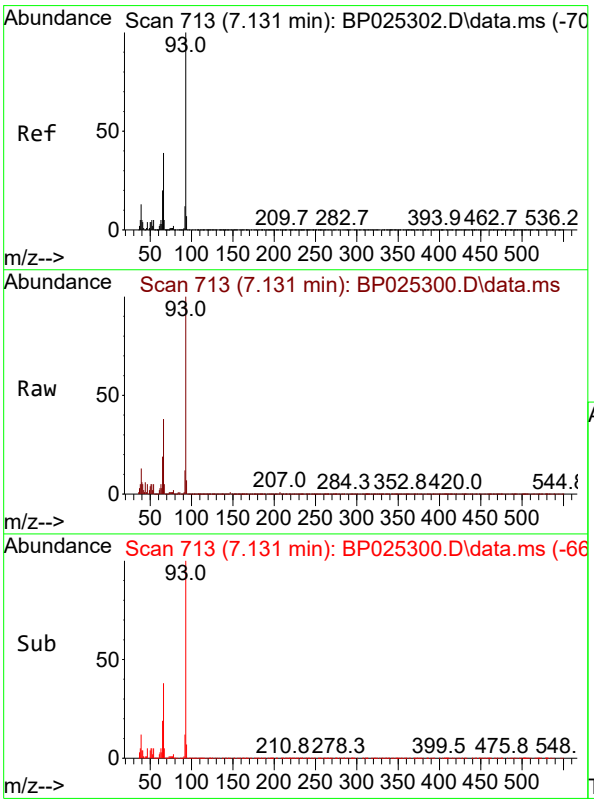
#5
2-Fluorophenol
Concen: 19.492 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 243459

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.3	67.9
63	29.7	23.0	34.6

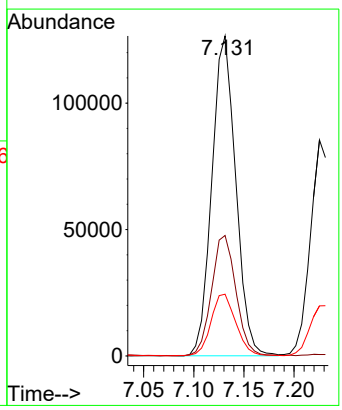


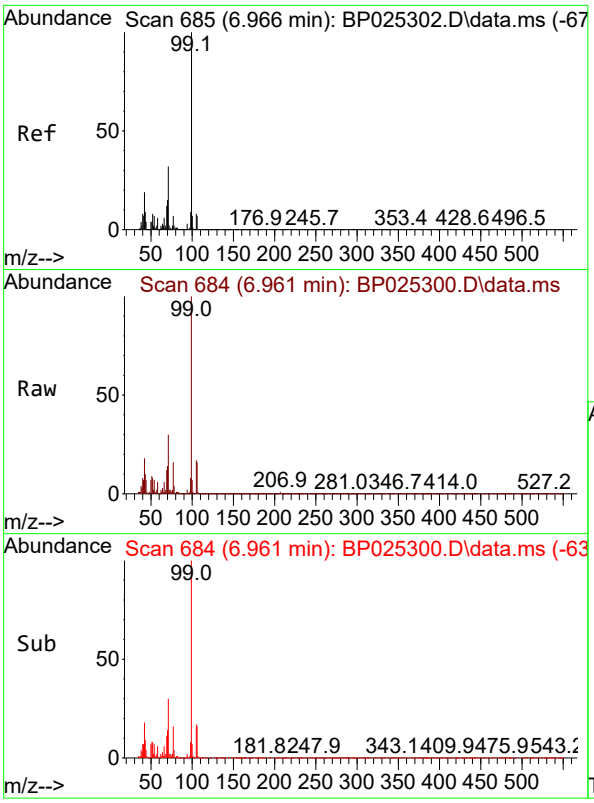


#6
Aniline
Concen: 9.343 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 93 Resp: 209460

Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.1	46.7
65	19.3	15.8	23.8



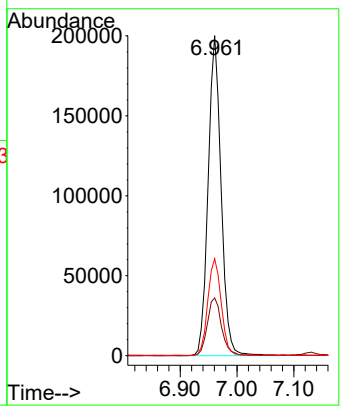


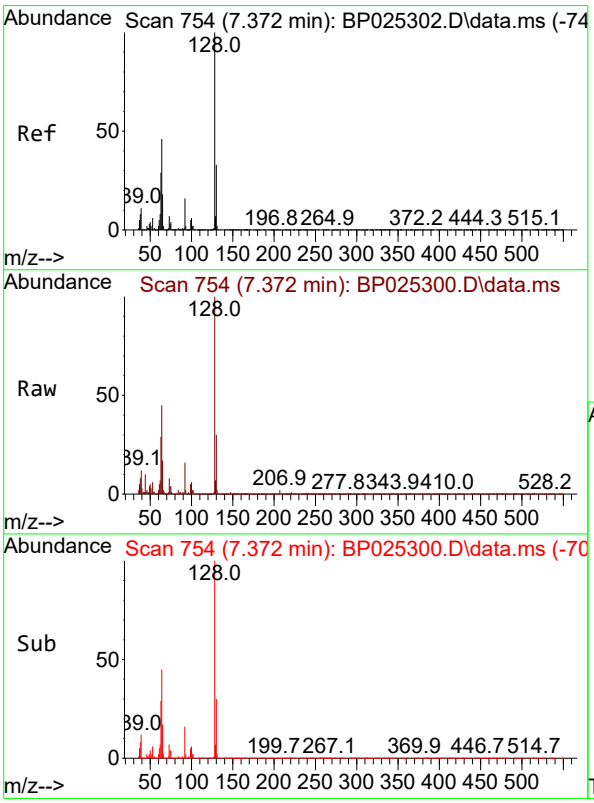
#7
Phenol-d6
Concen: 19.176 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 315945

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	30.3	25.5	38.3

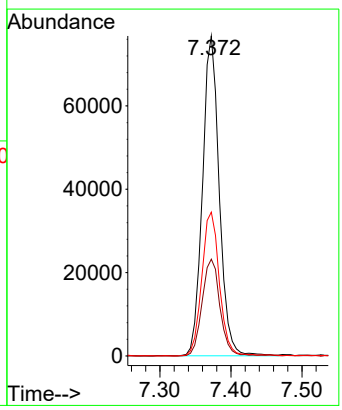


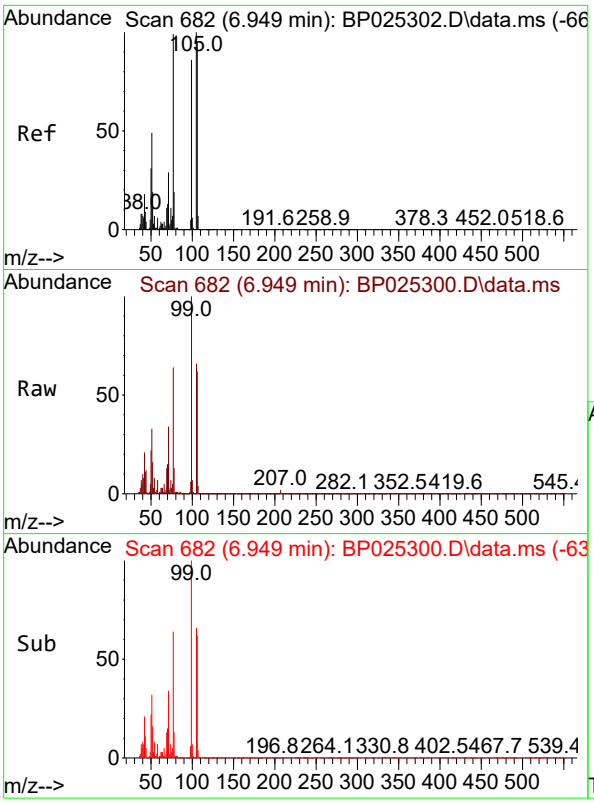


#8
2-Chlorophenol
Concen: 9.288 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:128 Resp: 126166

Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.1	53.1
64	45.0	26.1	66.1



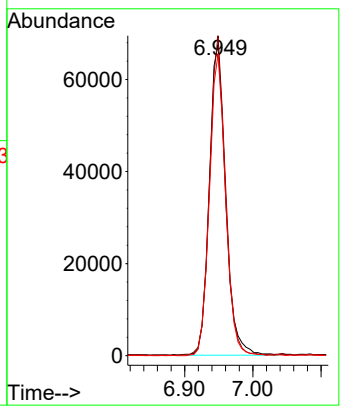


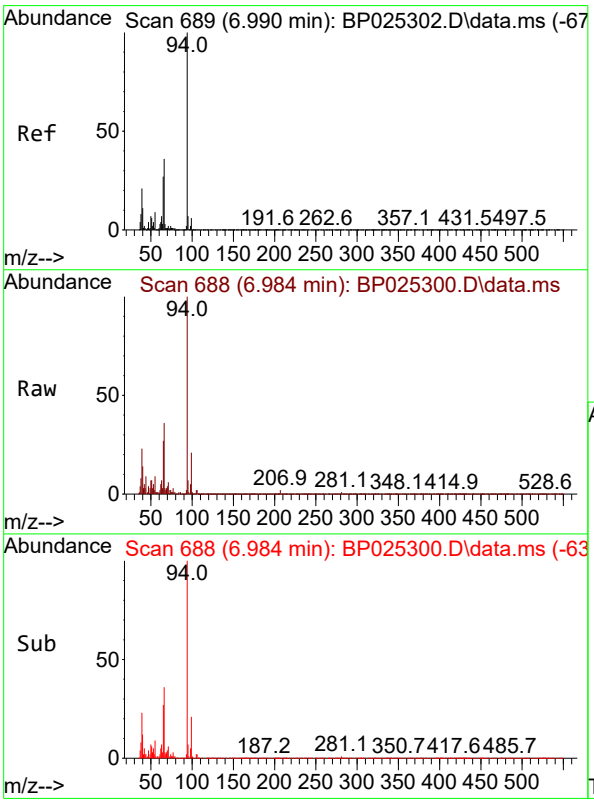
#9
Benzaldehyde
Concen: 9.741 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 112991

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	97.0	76.2	116.2

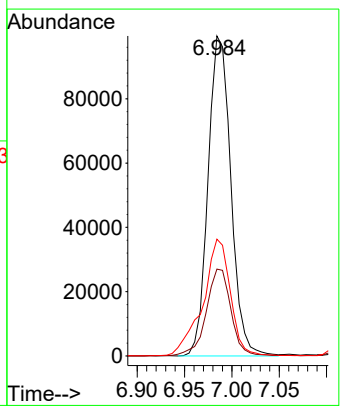


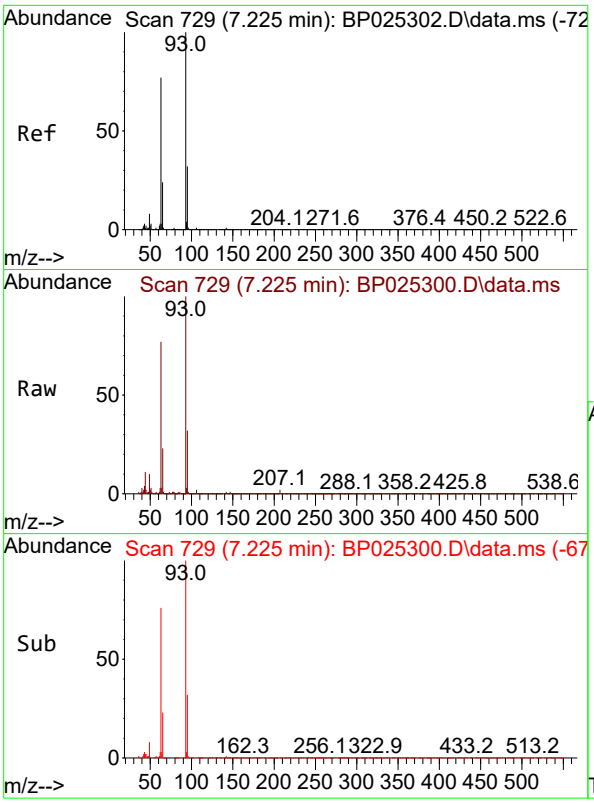


#10
Phenol
Concen: 9.575 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 94 Resp: 167307

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.3	47.3
66	36.5	15.7	55.7



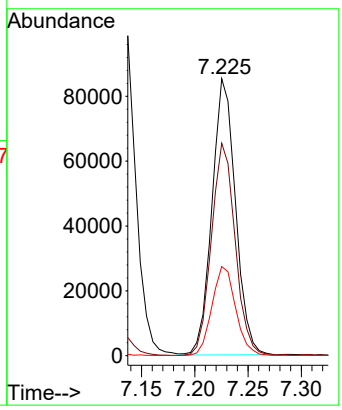


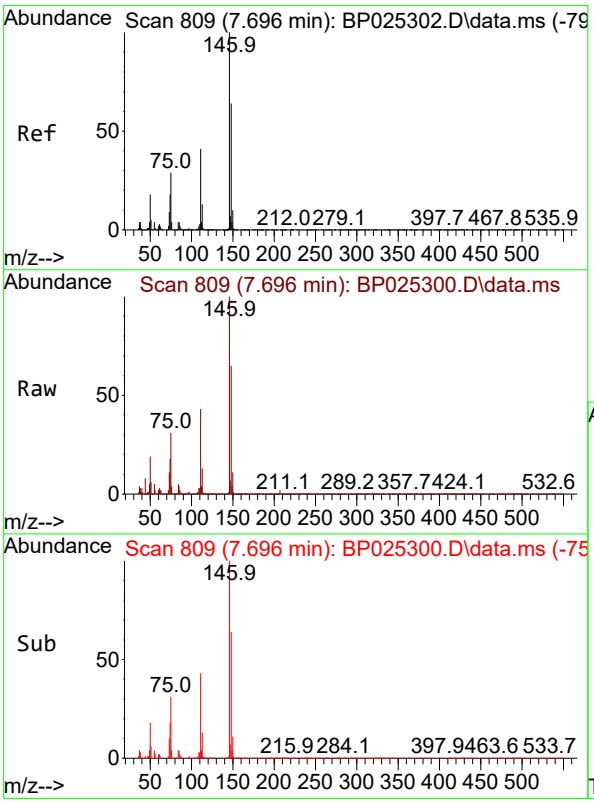
#11
bis(2-Chloroethyl)ether
Concen: 9.556 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 130843

Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.0	97.0
95	32.2	12.1	52.1

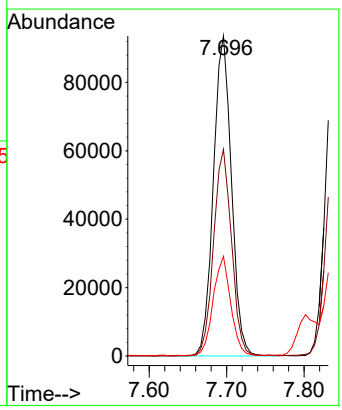


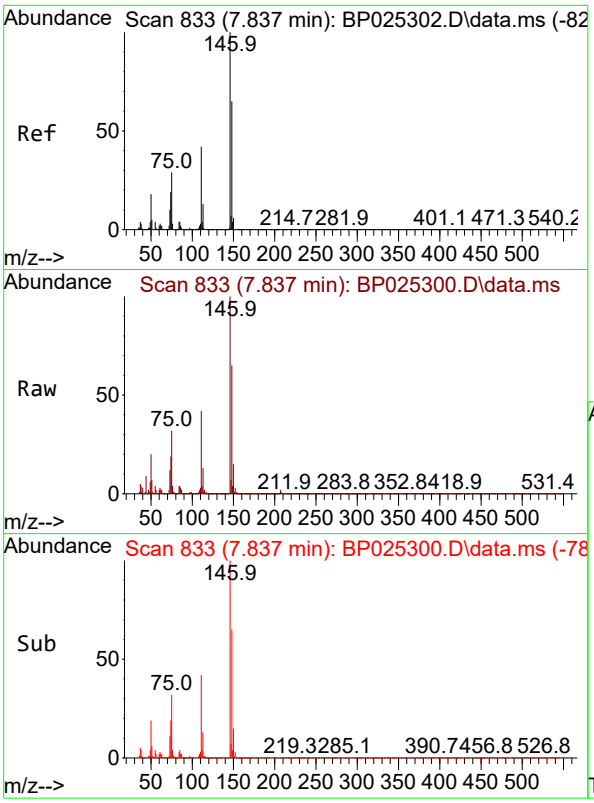


#12
1,3-Dichlorobenzene
Concen: 9.906 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:146 Resp: 151188

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	31.2	23.2	34.8



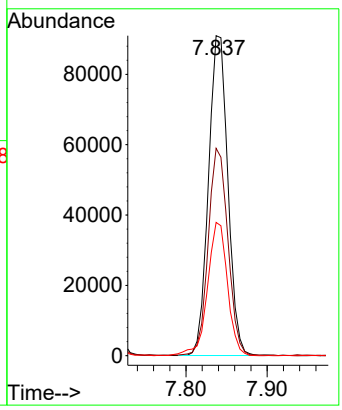


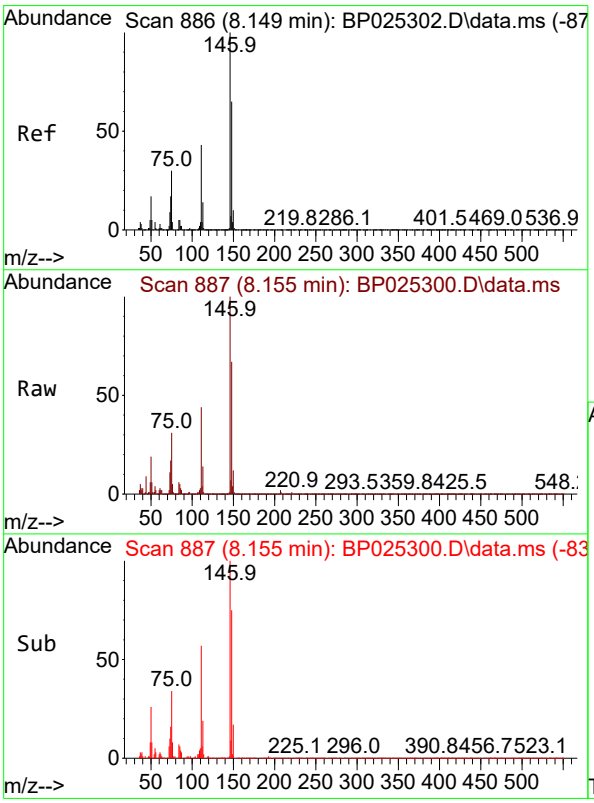
#13
1,4-Dichlorobenzene
Concen: 9.755 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 150627

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	41.7	33.2	49.8

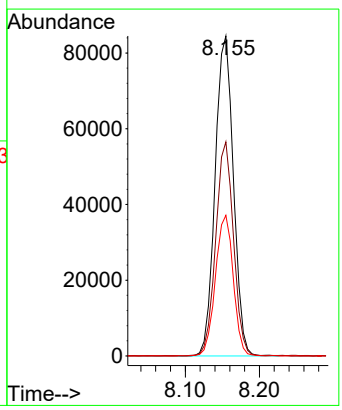


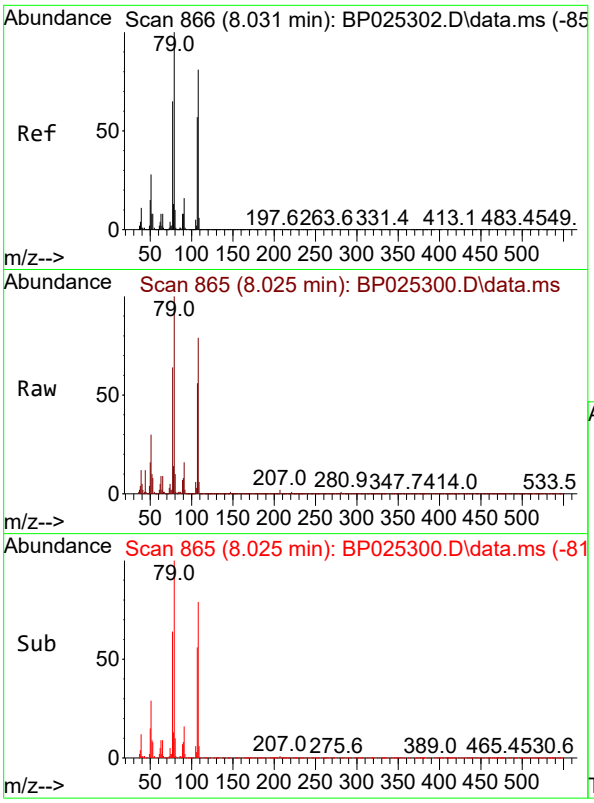


#14
1,2-Dichlorobenzene
Concen: 9.679 ng
RT: 8.155 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:146 Resp: 144777

Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.9	77.9
111	43.9	34.4	51.6



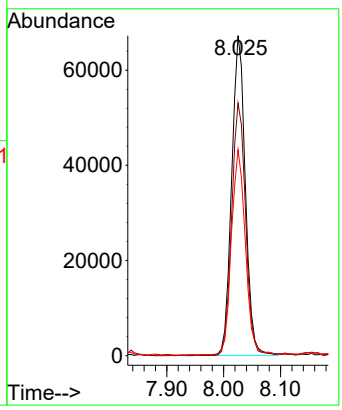


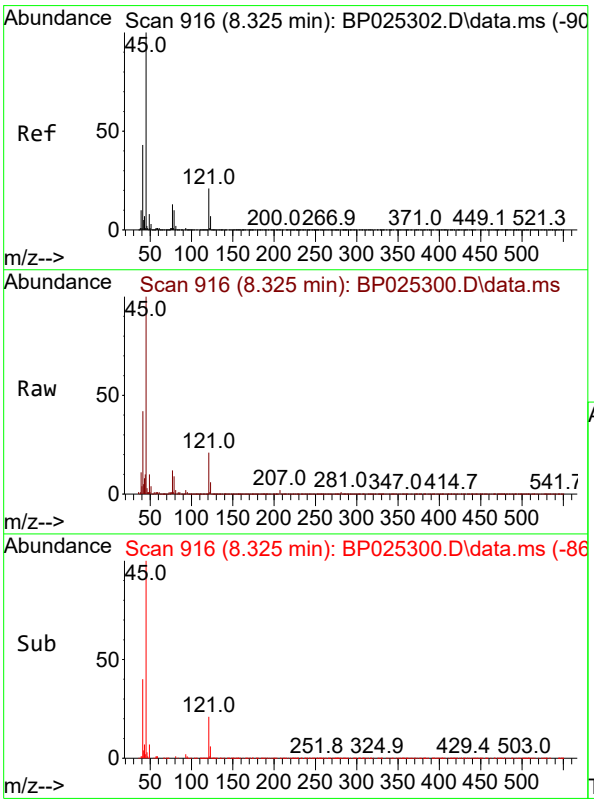
#15
Benzyl Alcohol
Concen: 8.905 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 112727

Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.5	96.7
77	64.3	51.9	77.9

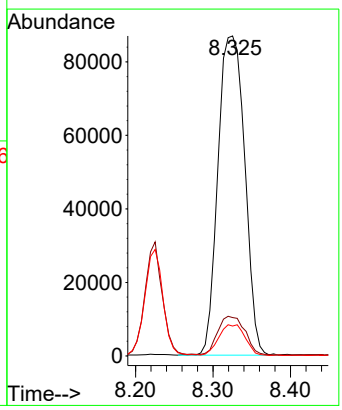


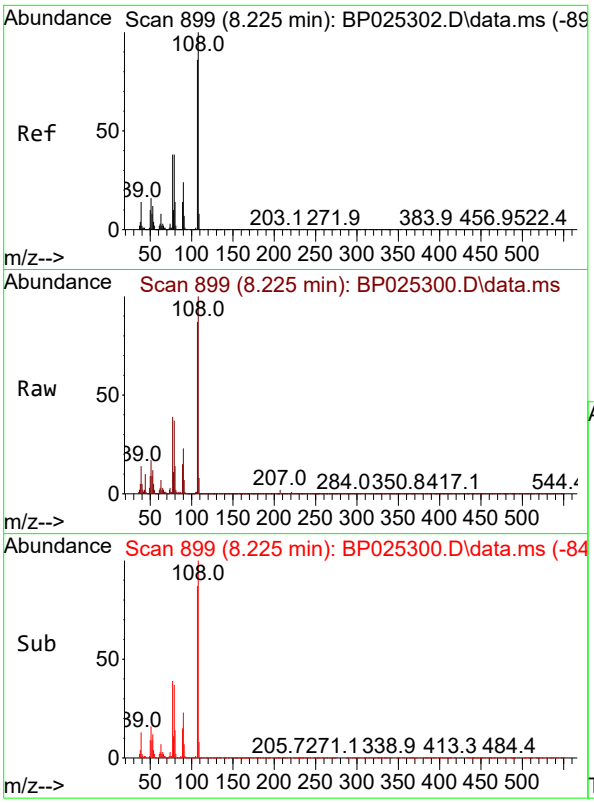


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.650 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 45 Resp: 208708

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	33.0
79	9.4	0.0	29.8



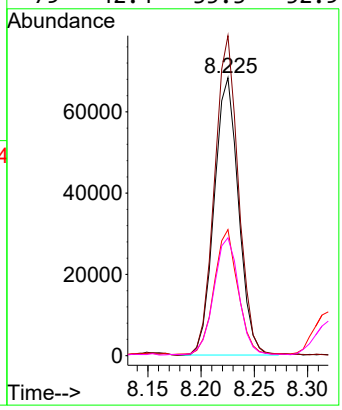


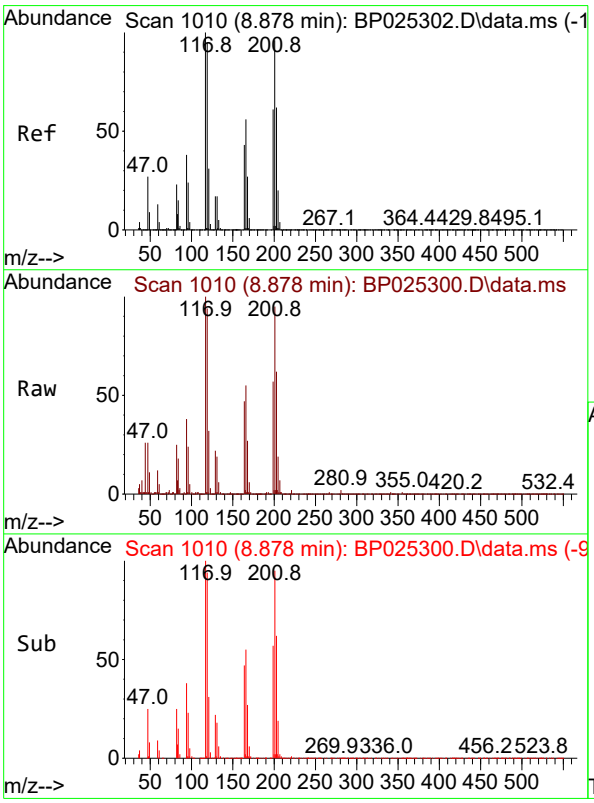
#17
2-Methylphenol
Concen: 9.264 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 108323

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.6	139.0
77	45.4	35.4	53.2
79	42.4	35.3	52.9

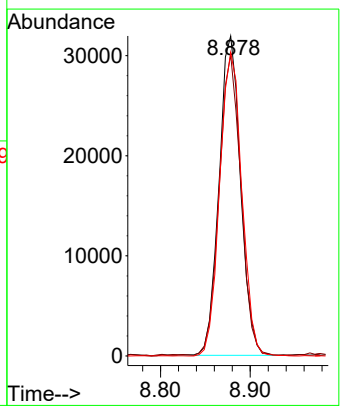


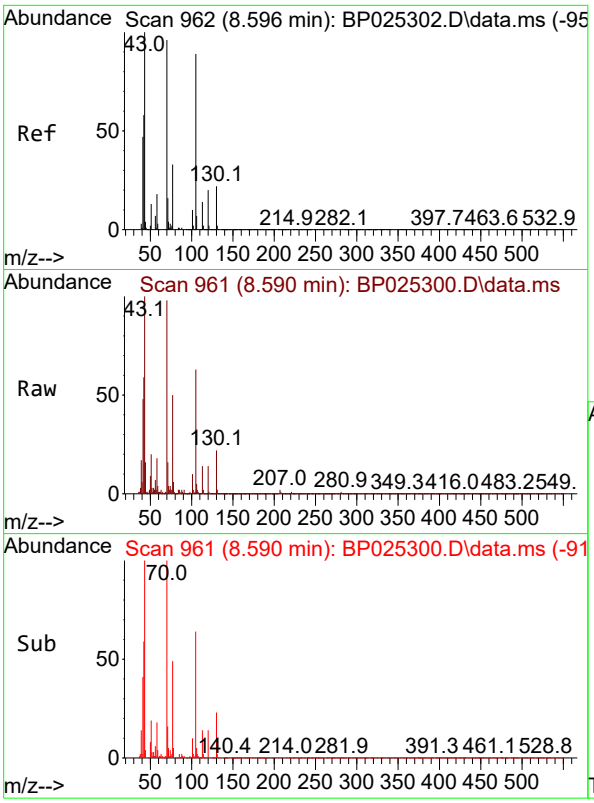


#18
Hexachloroethane
Concen: 9.613 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:117 Resp: 53085

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.8
201	94.9	76.6	114.8



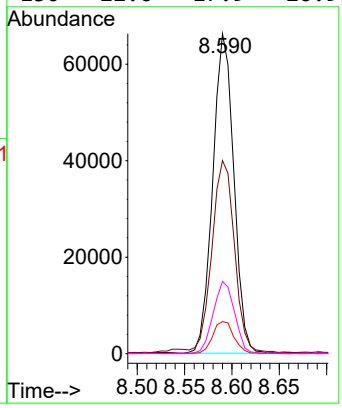


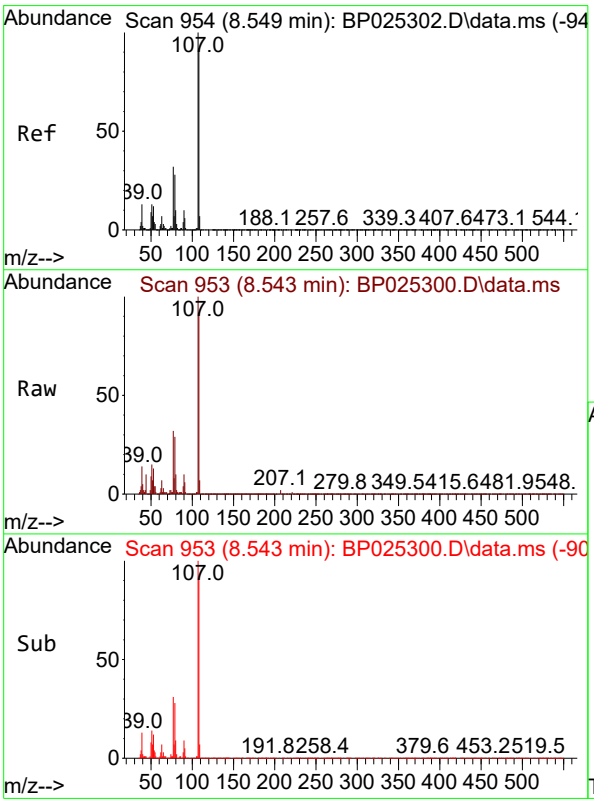
#19
n-Nitroso-di-n-propylamine
Concen: 9.544 ng
RT: 8.590 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 102413

Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.4	74.0
101	10.0	7.9	11.9
130	22.6	17.9	26.9

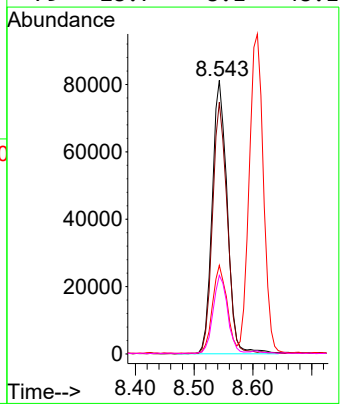


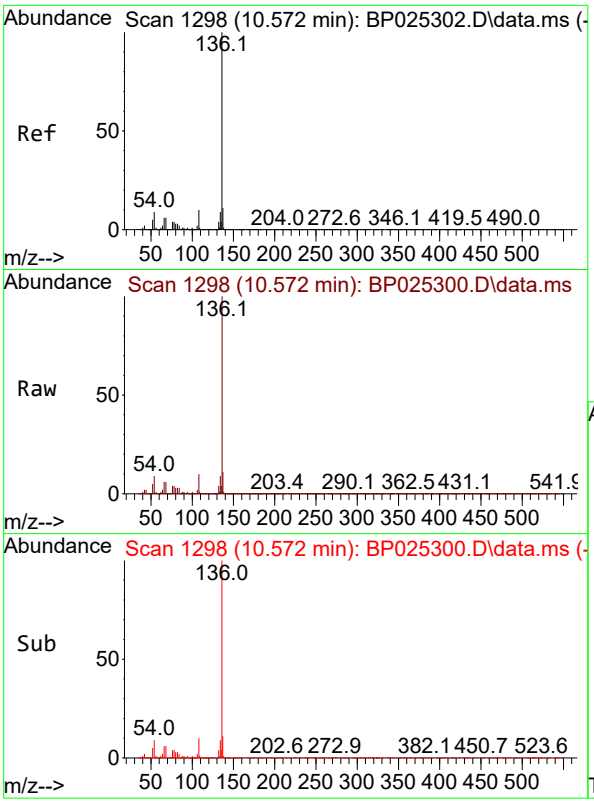


#20
3+4-Methylphenols
Concen: 8.970 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:107 Resp: 144425

Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.9	111.9
77	32.4	12.0	52.0
79	28.7	8.1	48.1



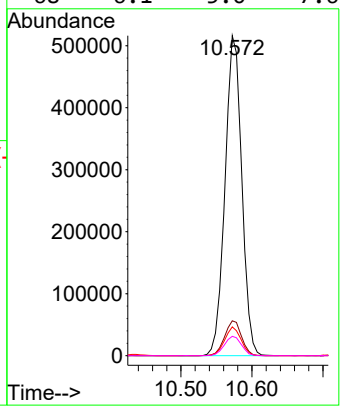


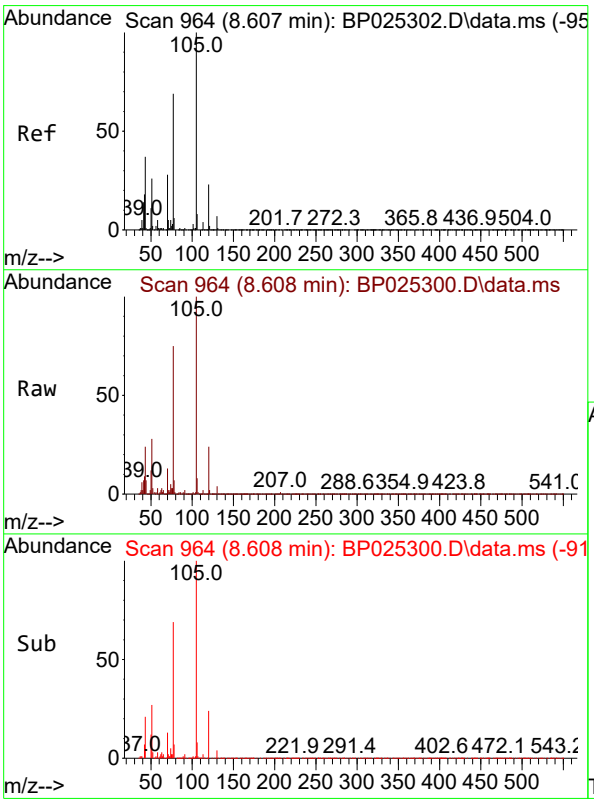
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 845252

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	7.0	10.6
68	6.1	5.0	7.6

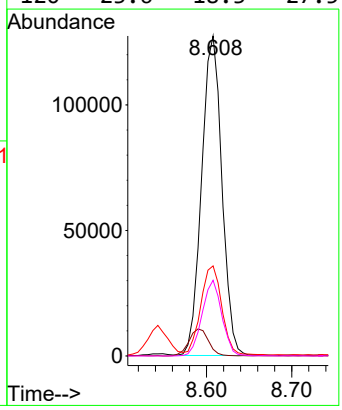


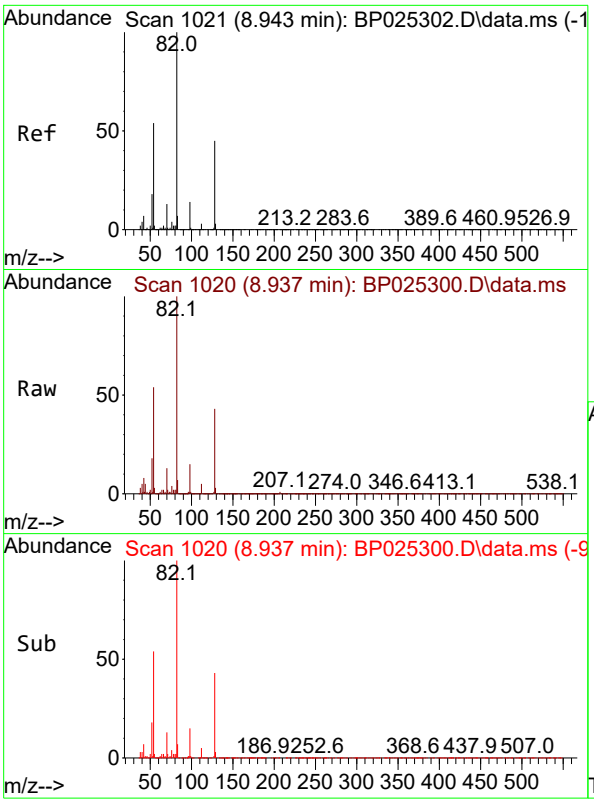


#22
Acetophenone
Concen: 9.914 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:105 Resp: 210356

Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.1	6.1#
51	28.1	22.7	34.1
120	23.6	18.3	27.5



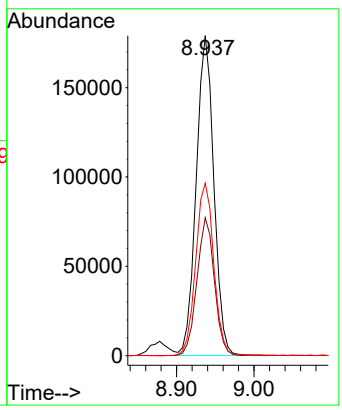


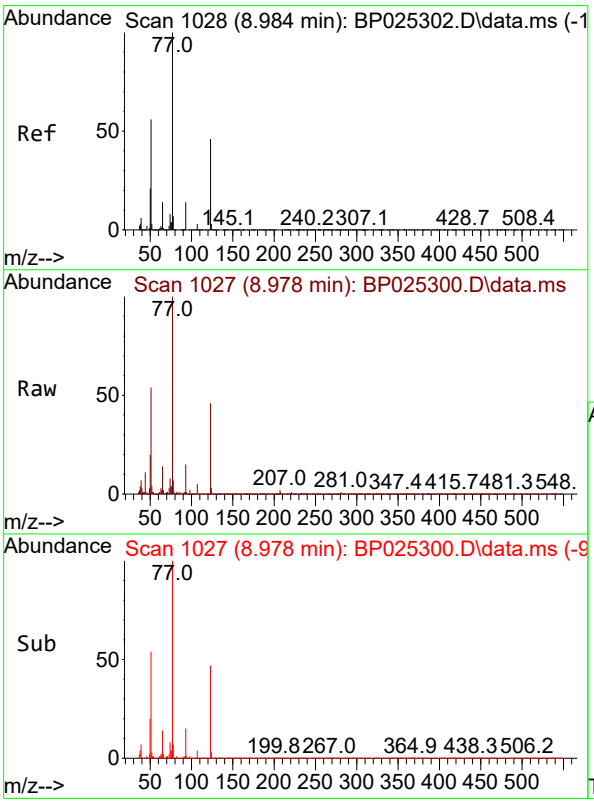
#23
Nitrobenzene-d5
Concen: 18.091 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 282618

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.4	53.2
54	53.9	42.9	64.3

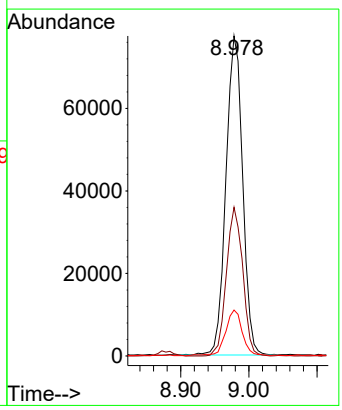


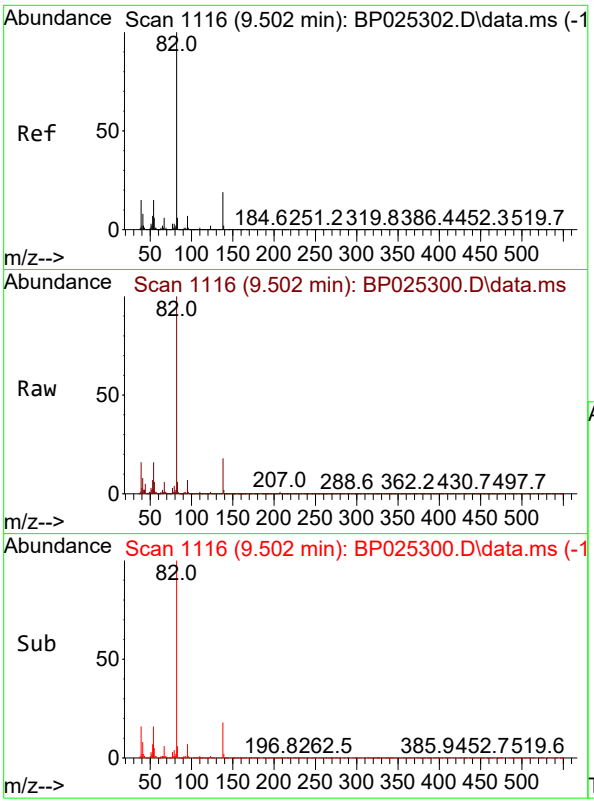


#24
Nitrobenzene
Concen: 9.140 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 77 Resp: 132011

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.4	56.2
65	14.3	11.1	16.7



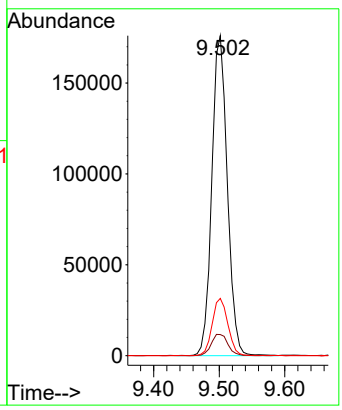


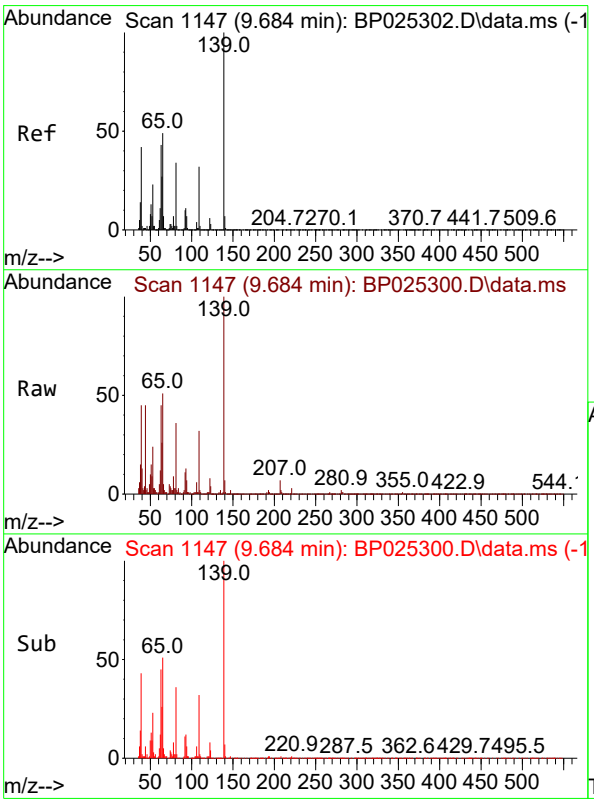
#25
Isophorone
Concen: 9.492 ng
RT: 9.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 288268

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	17.9	15.0	22.6

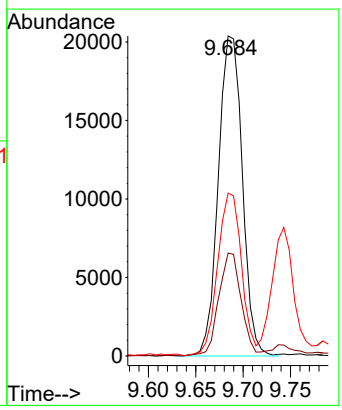


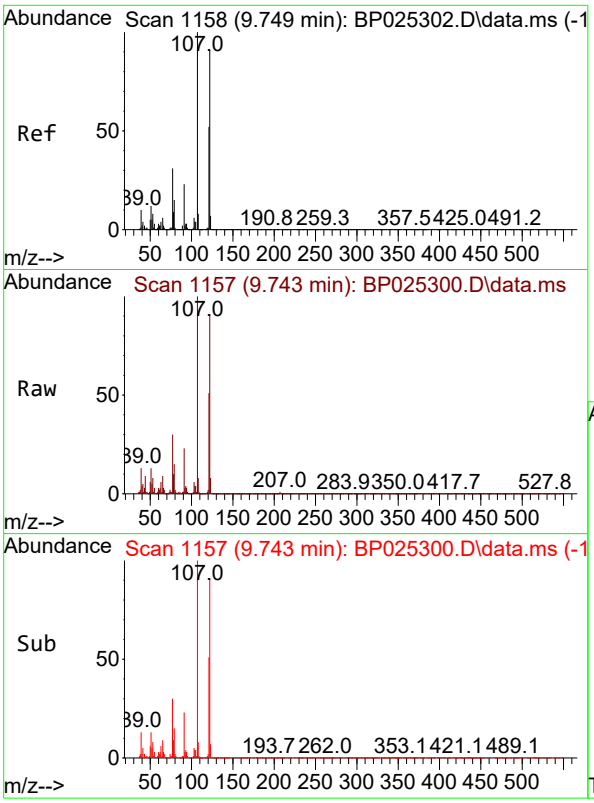


#26
2-Nitrophenol
Concen: 8.913 ng
RT: 9.684 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:139 Resp: 35903

Ion	Ratio	Lower	Upper
139	100		
109	32.1	25.2	37.8
65	50.9	39.6	59.4



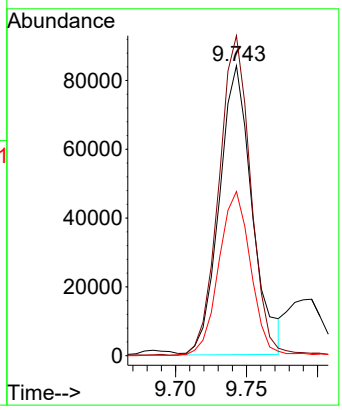


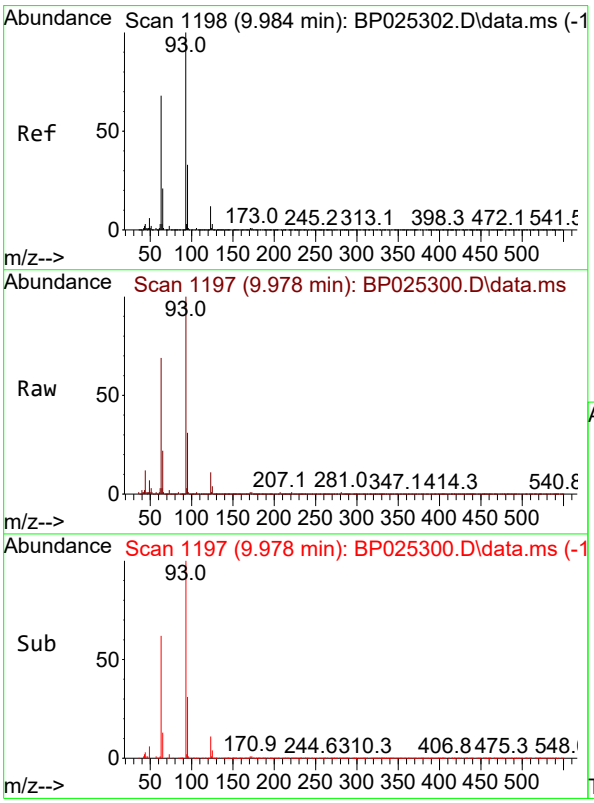
#27
2,4-Dimethylphenol
Concen: 9.642 ng
RT: 9.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 135004

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.4	131.0
121	56.6	45.8	68.8

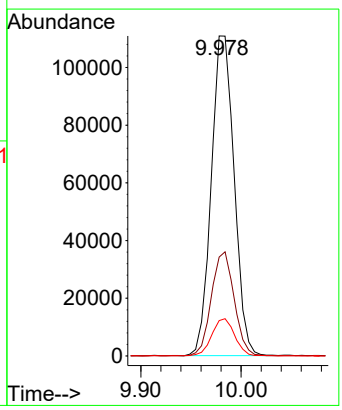


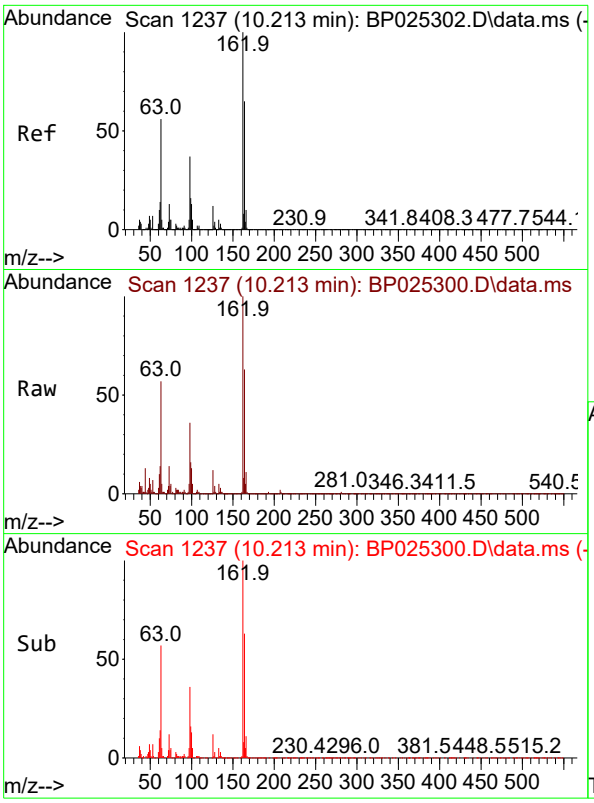


#28
bis(2-Chloroethoxy)methane
Concen: 9.483 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 93 Resp: 175188

Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.5	39.7
123	11.1	9.4	14.2



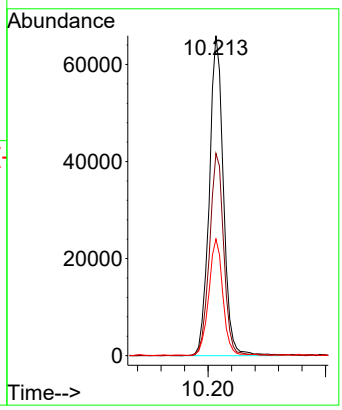


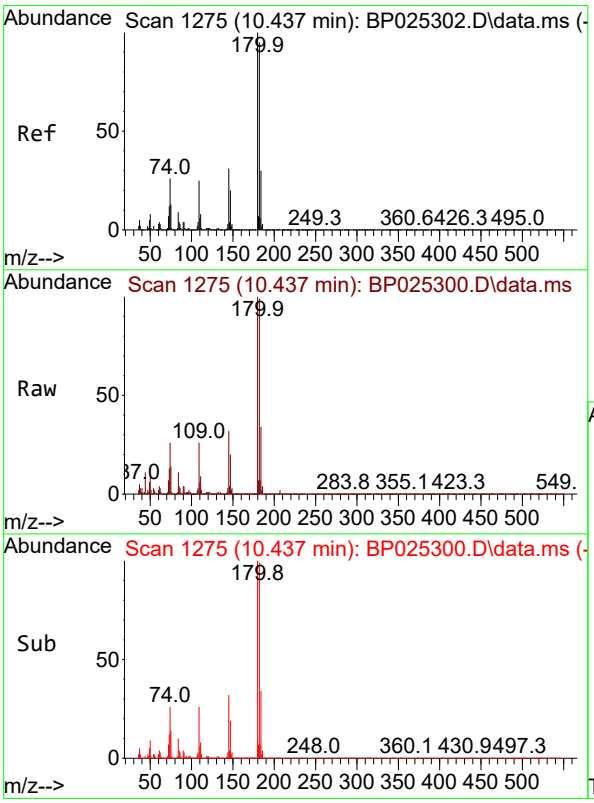
#29
2,4-Dichlorophenol
Concen: 8.937 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 109548

Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.2	85.2
98	36.5	17.5	57.5

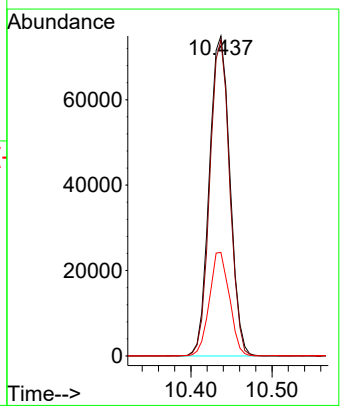


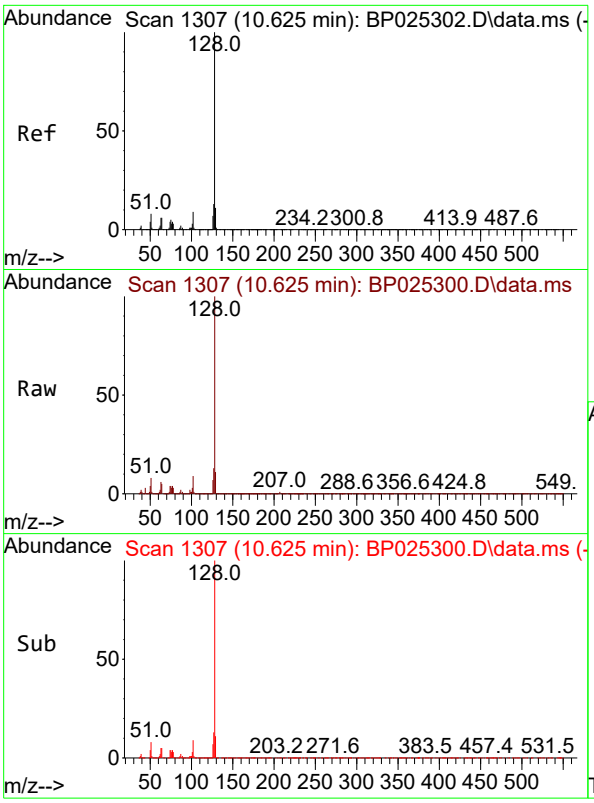


#30
1,2,4-Trichlorobenzene
Concen: 9.765 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:180 Resp: 132056

Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.8	113.8
145	32.4	25.0	37.4



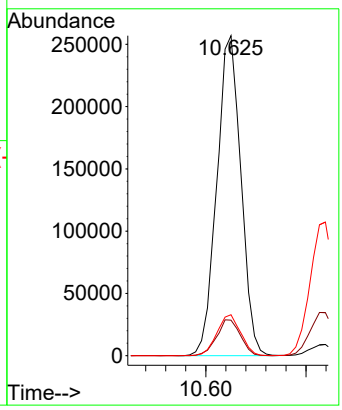


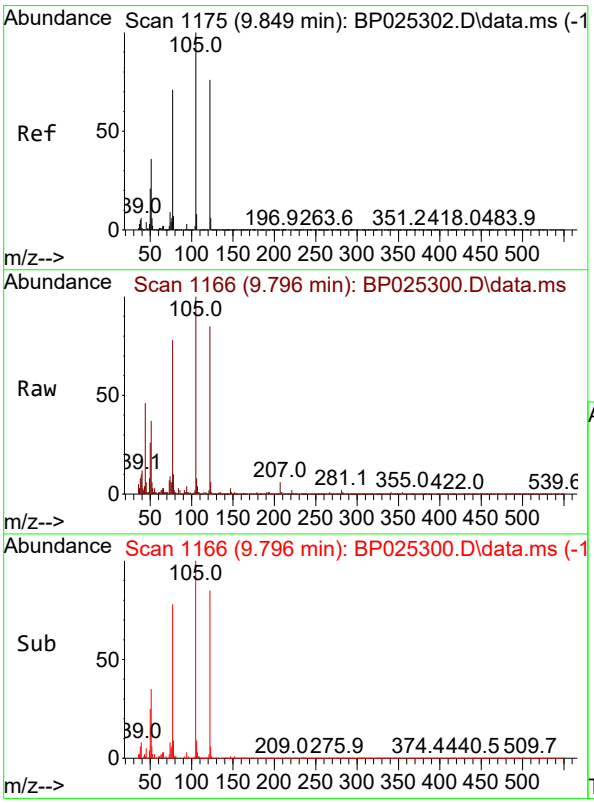
#31
Naphthalene
Concen: 9.763 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 428389

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.4	15.6

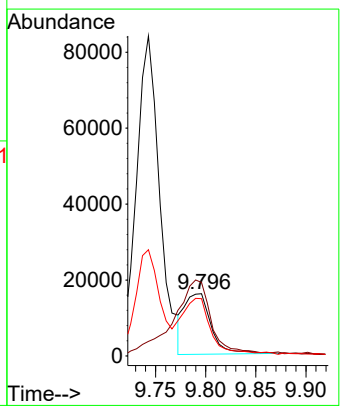


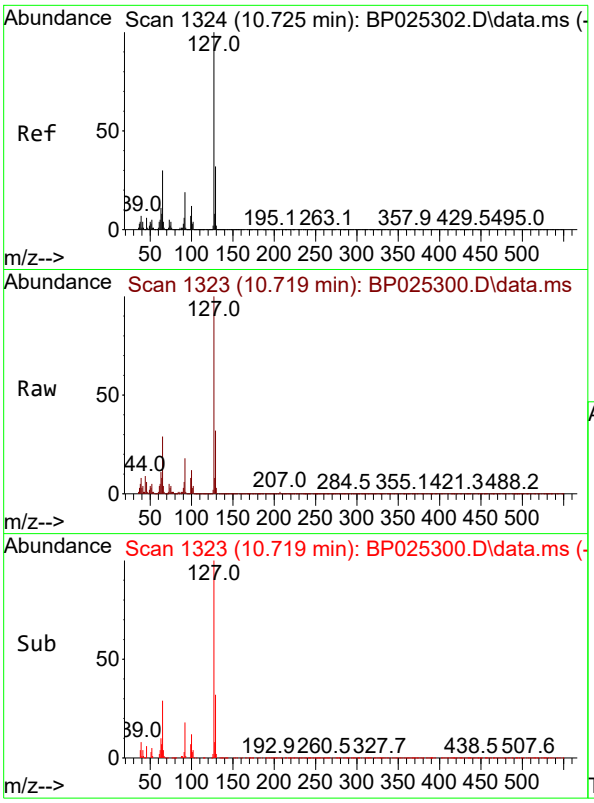


#32
Benzoic acid
Concen: 10.101 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.053 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:122 Resp: 29602

Ion	Ratio	Lower	Upper
122	100		
105	117.9	104.0	144.0
77	92.0	71.8	111.8



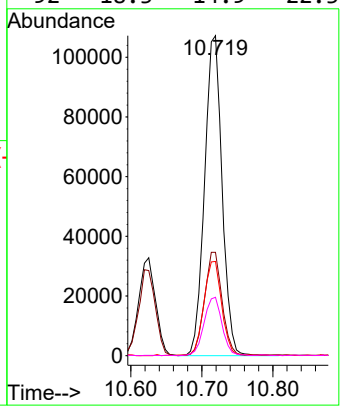


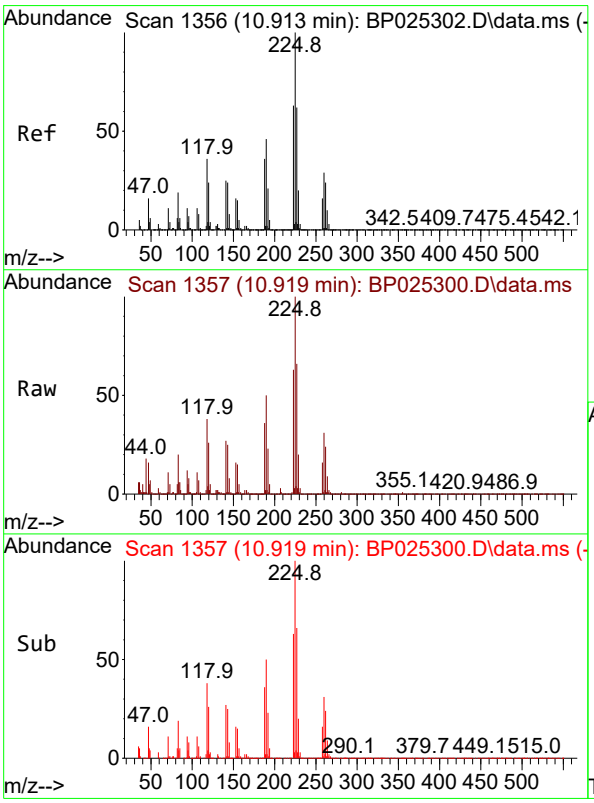
#33
4-Chloroaniline
Concen: 9.419 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 183806

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.4	23.6	35.4
92	18.3	14.9	22.3

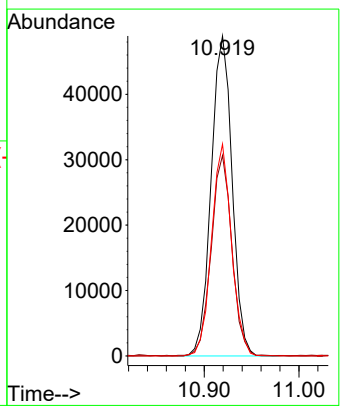


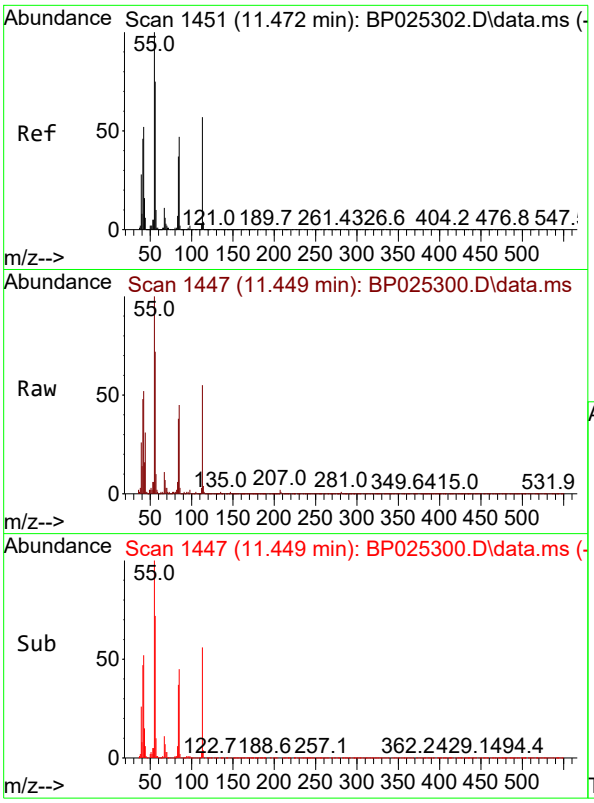


#34
Hexachlorobutadiene
Concen: 9.671 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:225 Resp: 75081

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	66.2	49.7	74.5



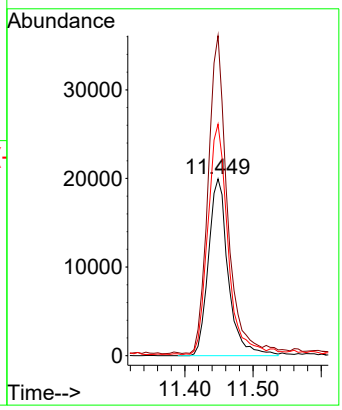


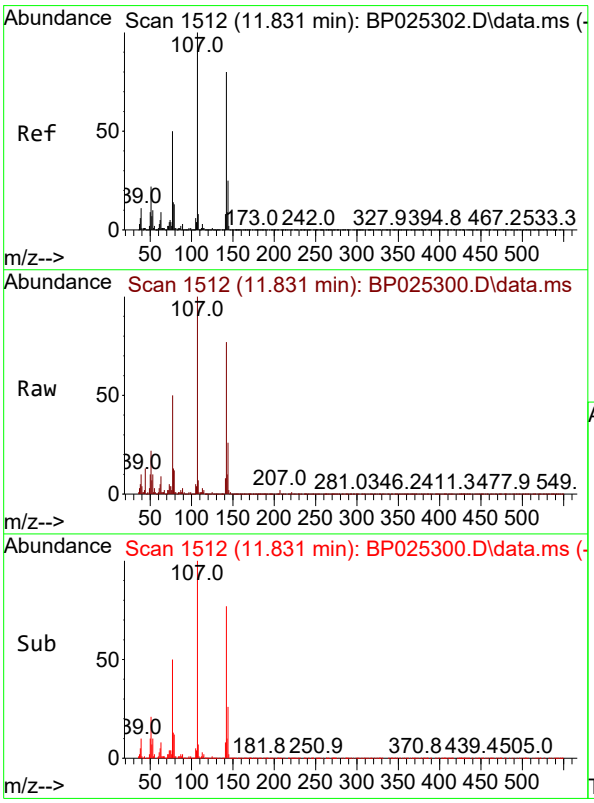
#35
Caprolactam
Concen: 8.461 ng
RT: 11.449 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 40323

Ion	Ratio	Lower	Upper
113	100		
55	180.9	154.4	194.4
56	130.9	110.9	150.9

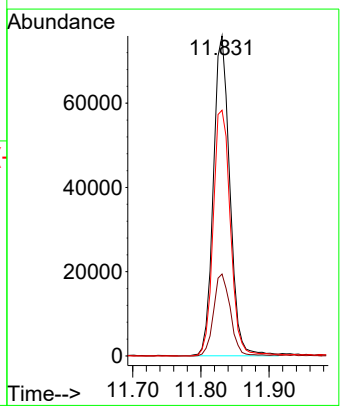


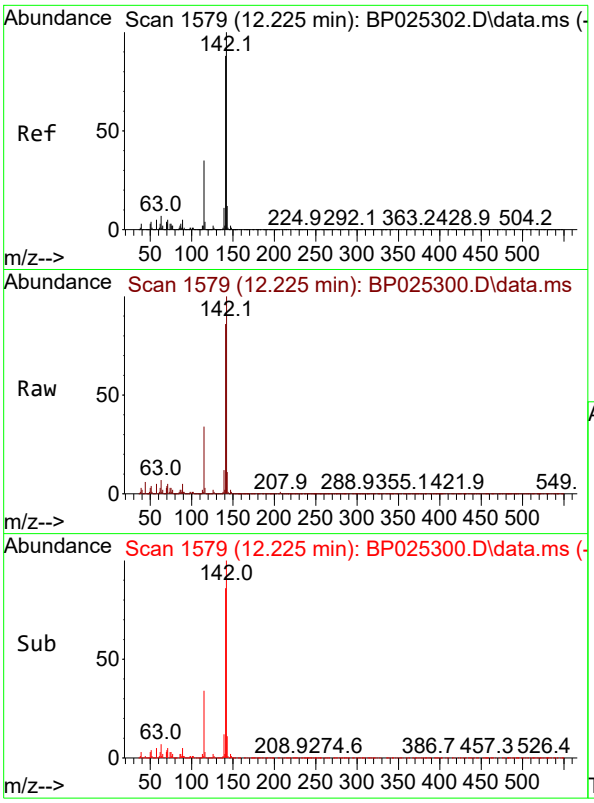


#36
4-Chloro-3-methylphenol
Concen: 9.020 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:107 Resp: 127937

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.4	30.6
142	76.8	63.7	95.5



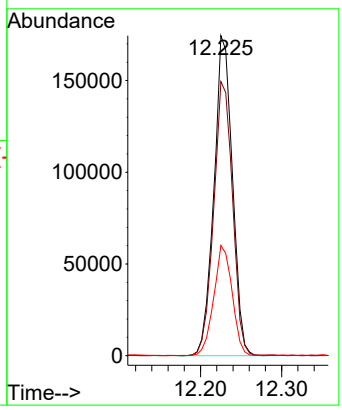


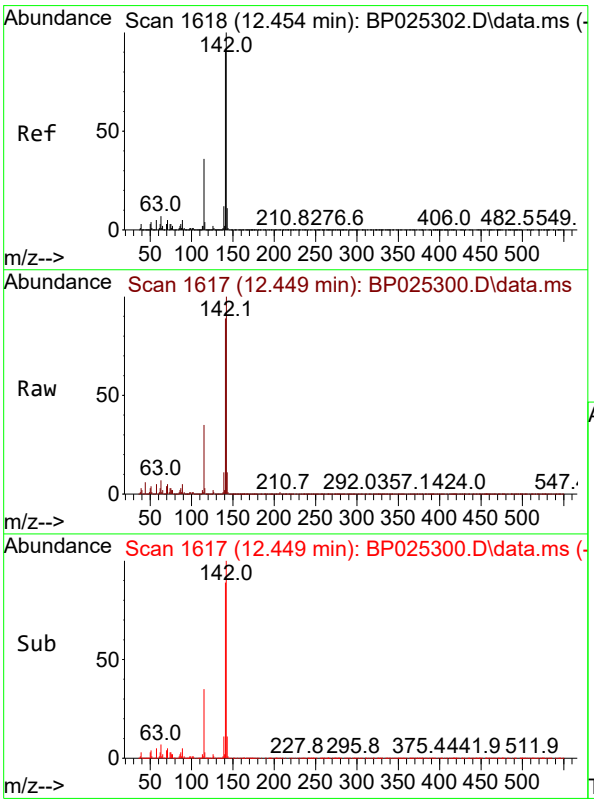
#37
2-Methylnaphthalene
Concen: 9.724 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 276185

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.4	105.6
115	34.5	28.0	42.0

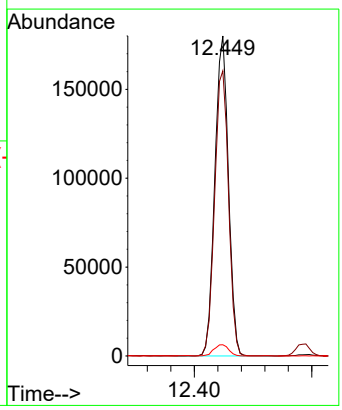


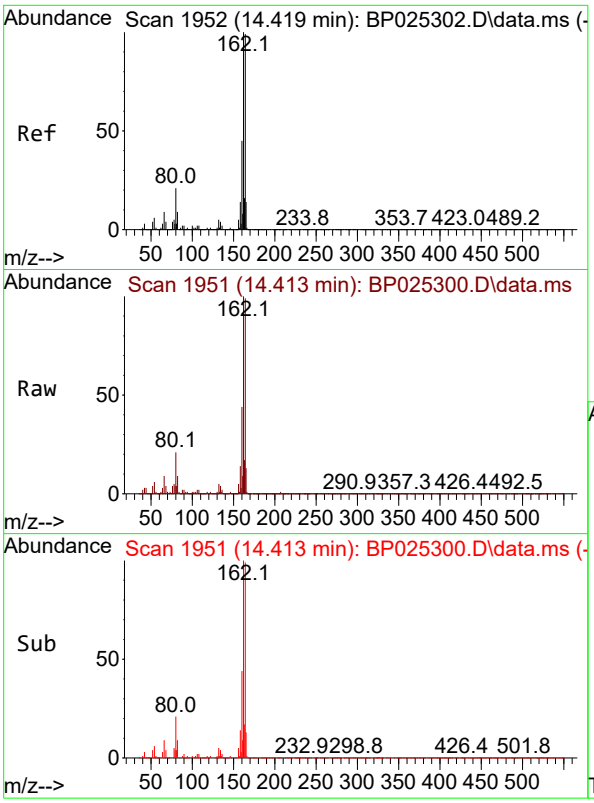


#38
1-Methylnaphthalene
Concen: 9.746 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:142 Resp: 288814

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
116	3.5	3.0	4.6



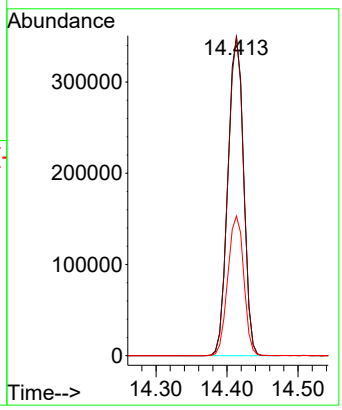


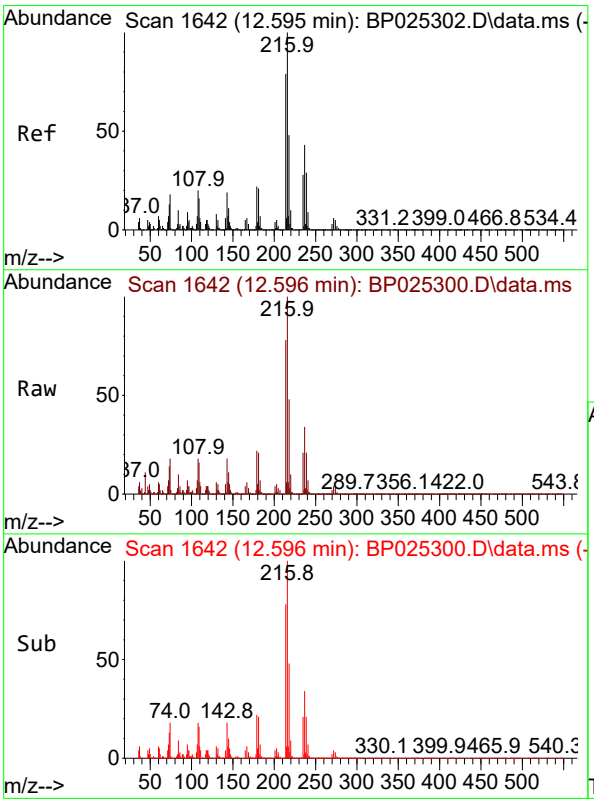
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 537224

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	43.9	35.9	53.9

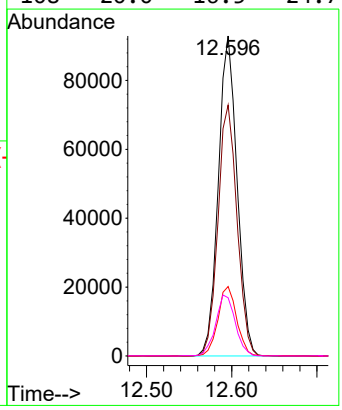


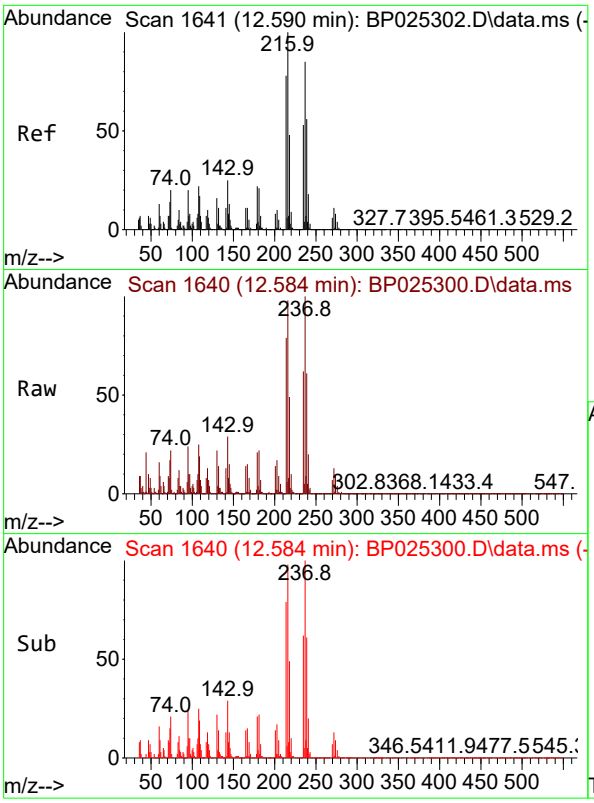


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.698 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:216 Resp: 142243

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.4	93.6
179	21.8	17.5	26.3
108	20.0	16.5	24.7



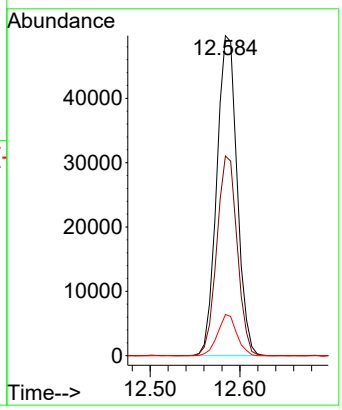


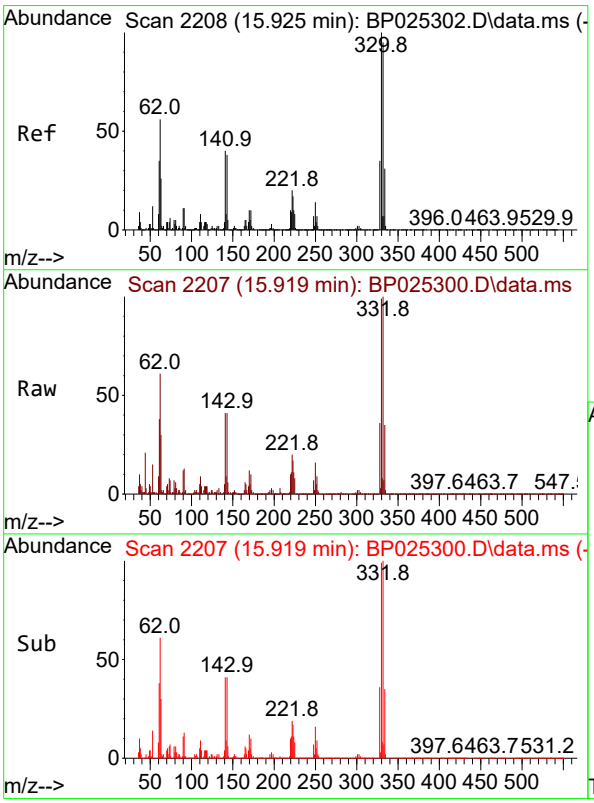
#41
Hexachlorocyclopentadiene
Concen: 8.636 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 78172

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.2	82.2
272	12.8	0.0	32.8

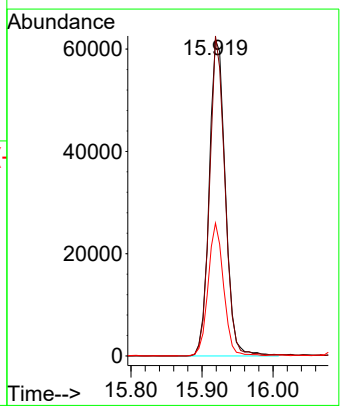


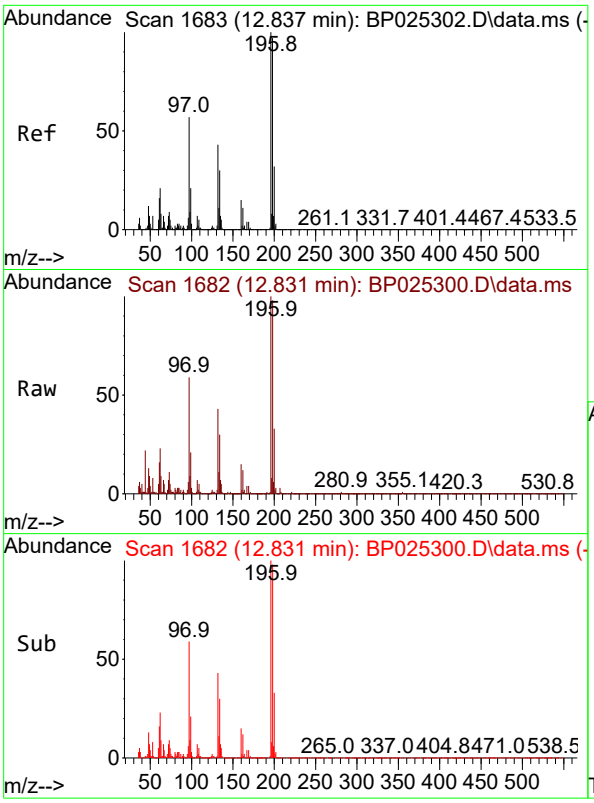


#42
2,4,6-Tribromophenol
Concen: 17.623 ng
RT: 15.919 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:330 Resp: 97752

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	40.1	31.7	47.5



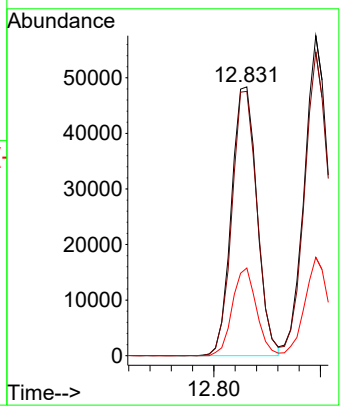


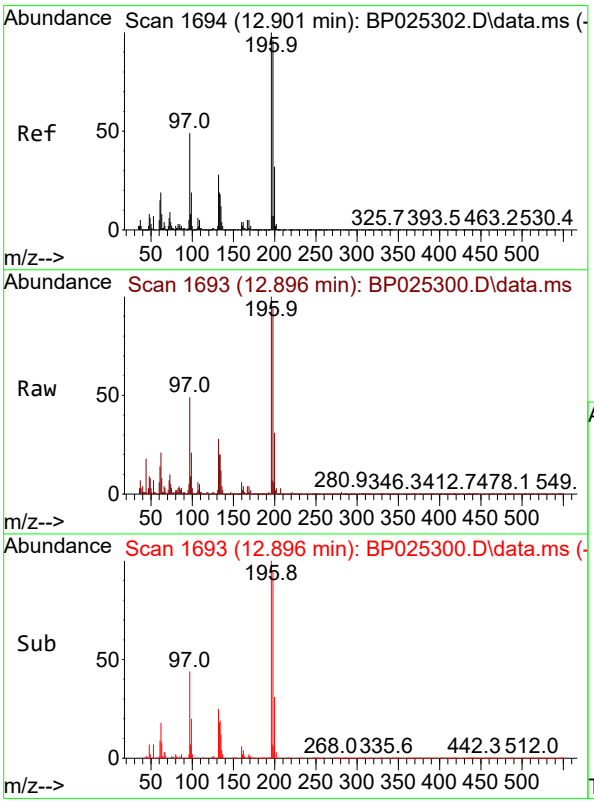
#43
2,4,6-Trichlorophenol
Concen: 8.532 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 80839

Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.3	115.9
200	32.6	25.4	38.2

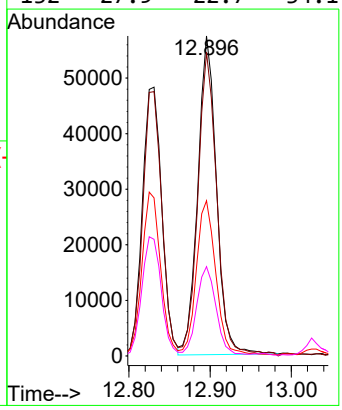


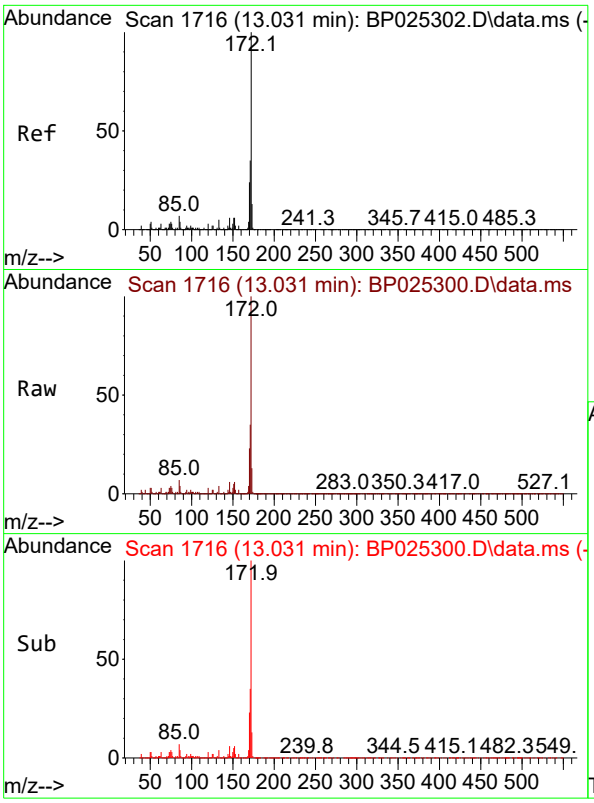


#44
2,4,5-Trichlorophenol
Concen: 8.648 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:196 Resp: 91922

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	114.8
97	48.5	39.5	59.3
132	27.9	22.7	34.1



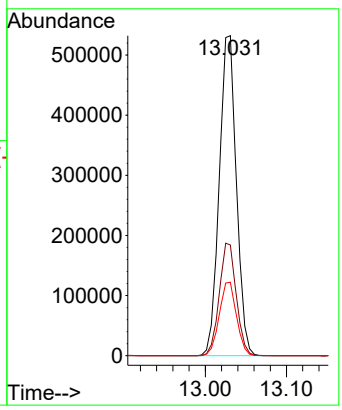


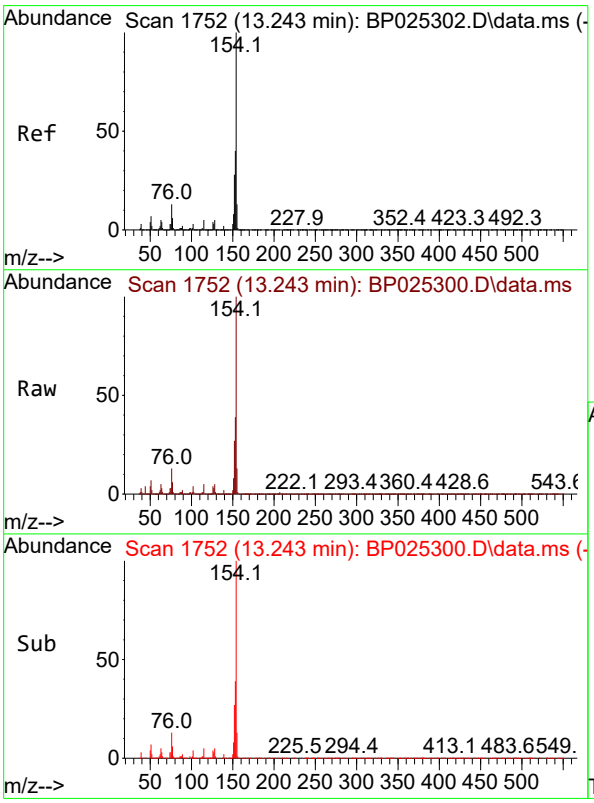
#45
2-Fluorobiphenyl
Concen: 20.174 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 780489

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	22.9	18.9	28.3

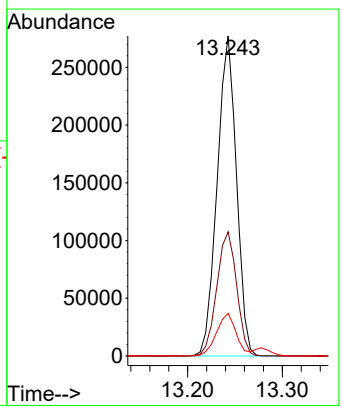


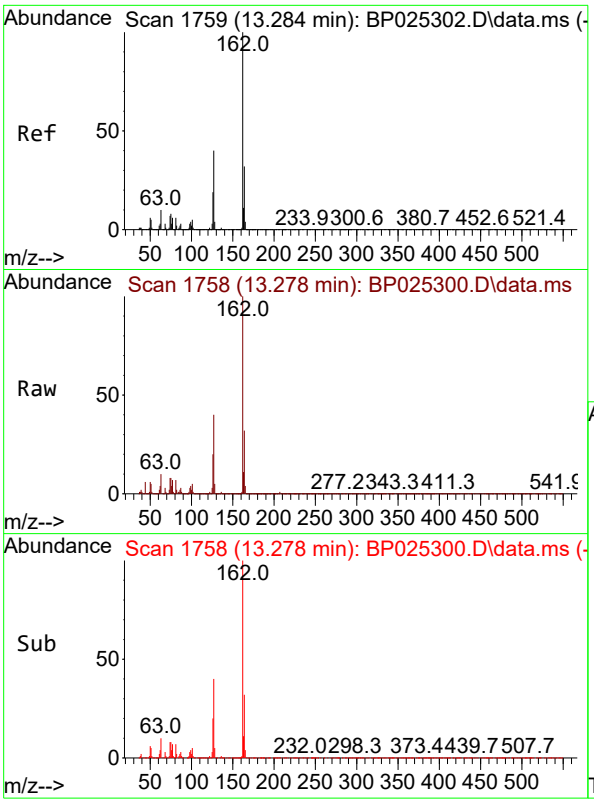


#46
1,1'-Biphenyl
Concen: 9.911 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:154 Resp: 392401

Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.9	59.9
76	13.3	0.0	33.2



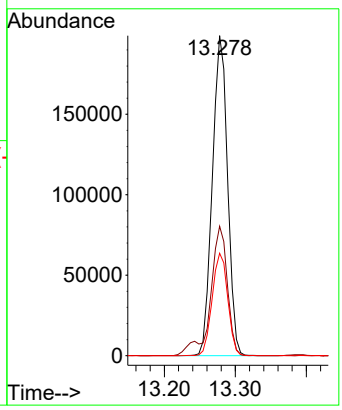


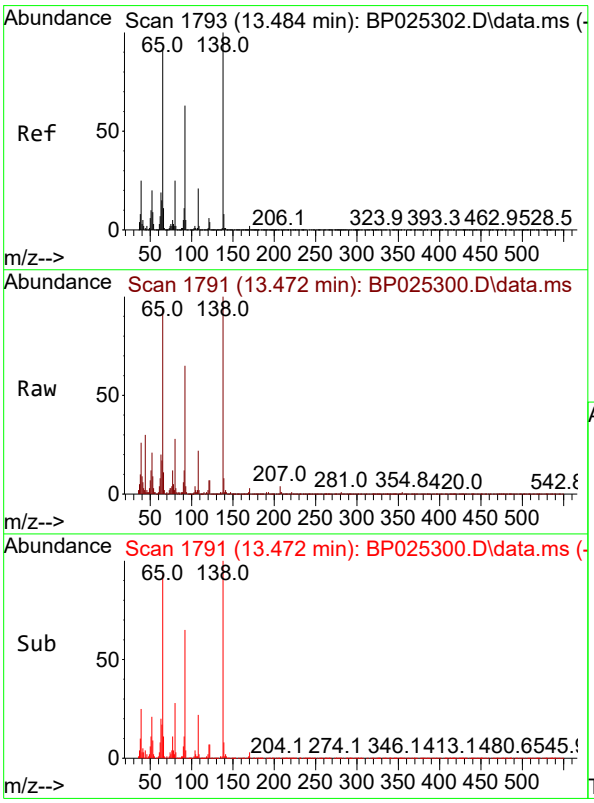
#47
2-Chloronaphthalene
Concen: 9.768 ng
RT: 13.278 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 295035

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.2	48.2
164	32.0	25.9	38.9

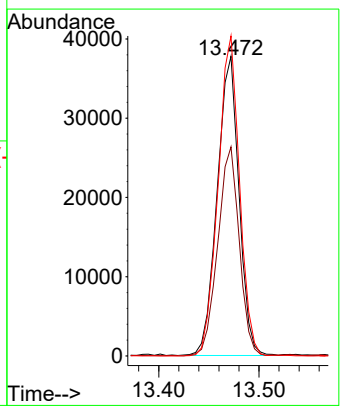


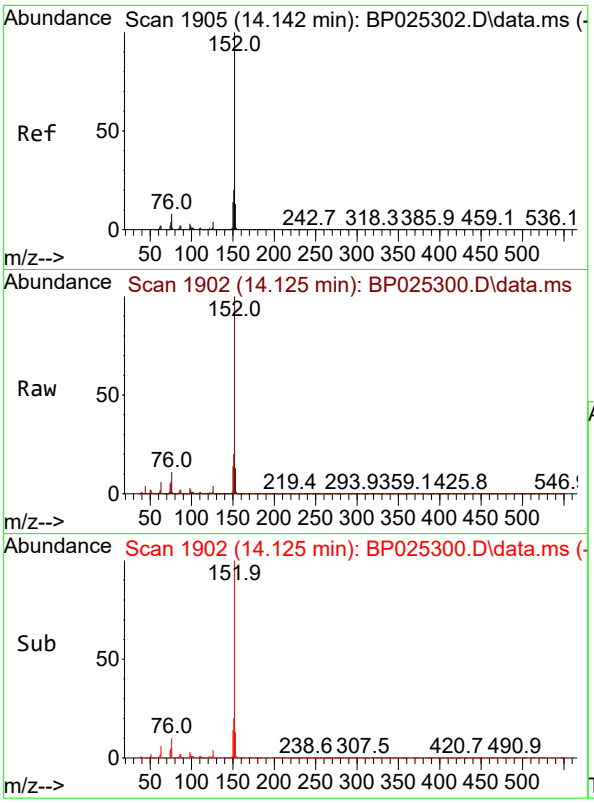


#48
2-Nitroaniline
Concen: 9.002 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 65 Resp: 56938

Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.4	81.6
138	106.8	87.0	130.4



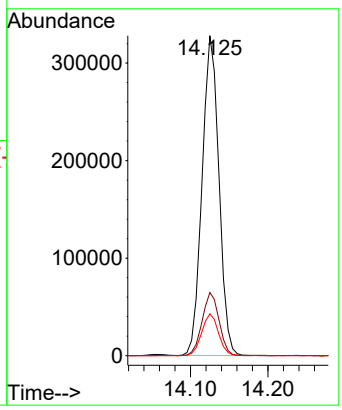


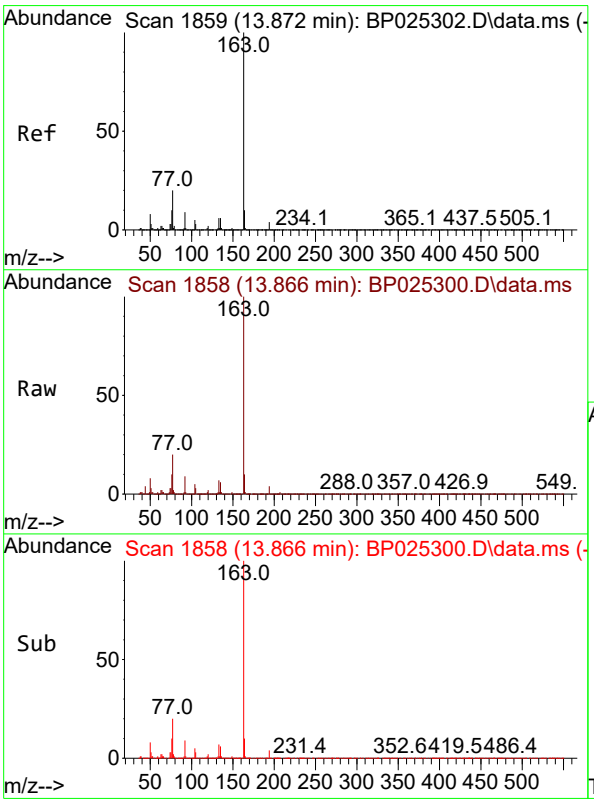
#49
Acenaphthylene
Concen: 9.817 ng
RT: 14.125 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 494624

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.4	15.6

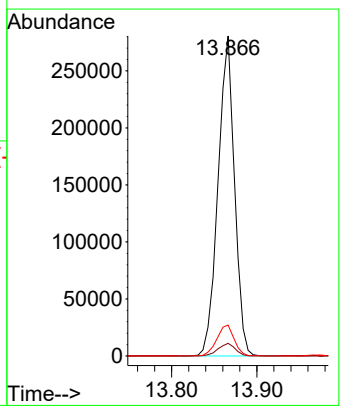


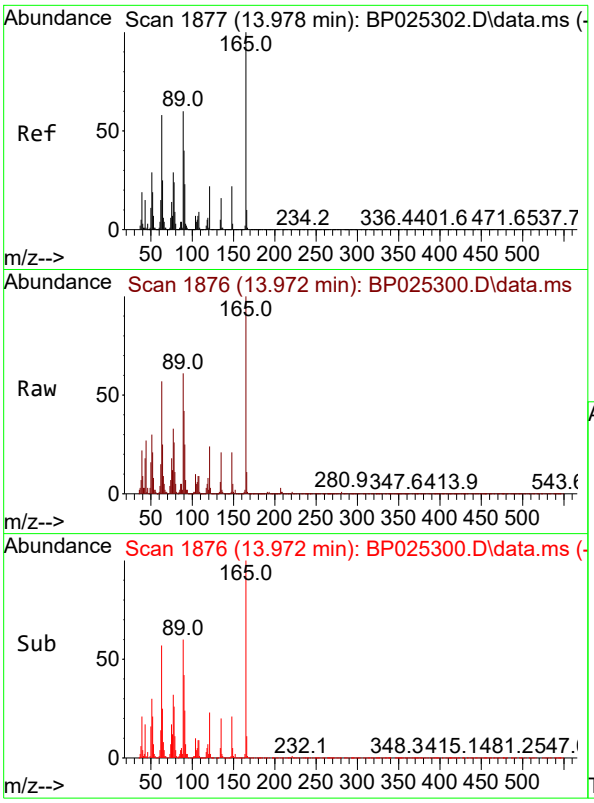


#50
Dimethylphthalate
Concen: 9.624 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:163 Resp: 376892

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.0	12.0



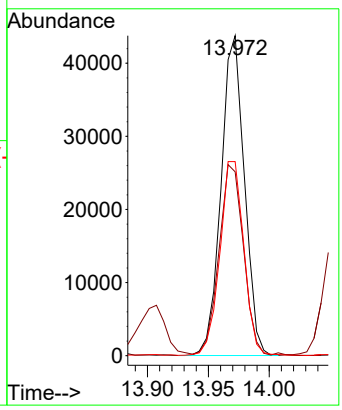


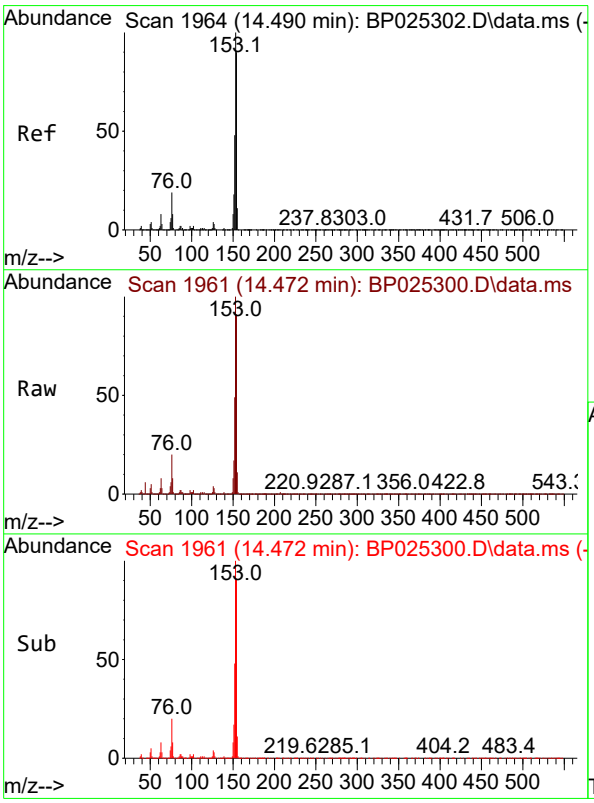
#51
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 58404

Ion	Ratio	Lower	Upper
165	100		
63	57.4	47.6	71.4
89	60.6	47.8	71.8

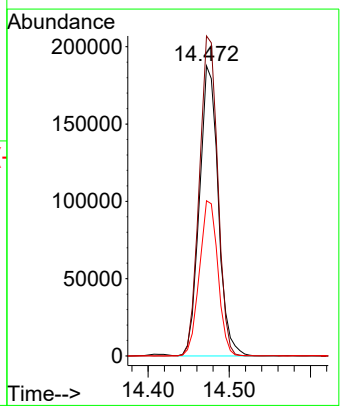


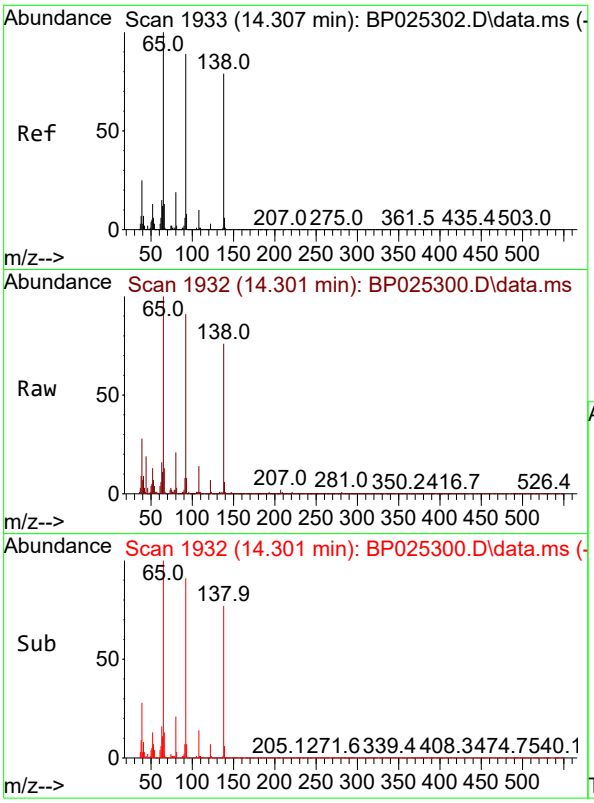


#52
Acenaphthene
Concen: 9.790 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:154 Resp: 300858

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.4	134.0
152	53.5	43.0	64.6



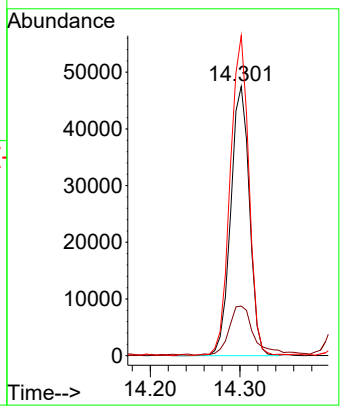


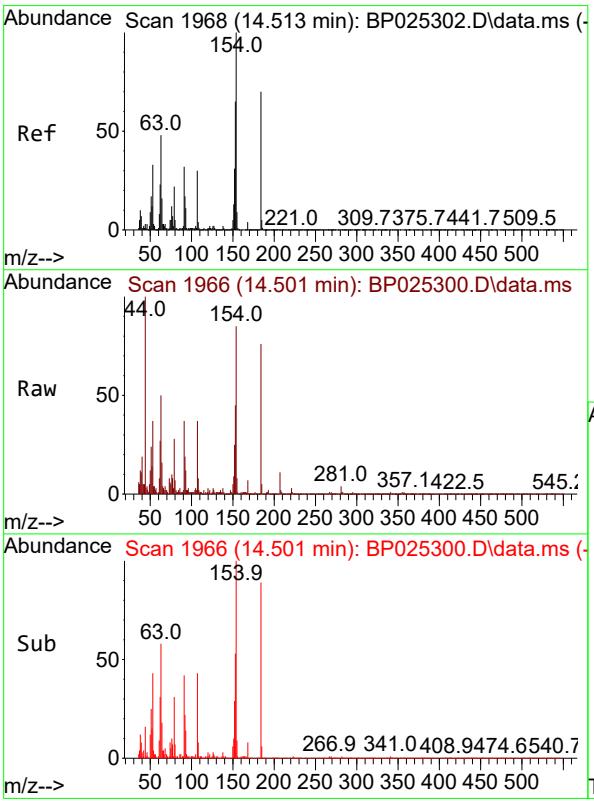
#53
3-Nitroaniline
Concen: 8.123 ng
RT: 14.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 68662

Ion	Ratio	Lower	Upper
138	100		
108	18.4	10.5	15.7#
92	118.8	90.9	136.3

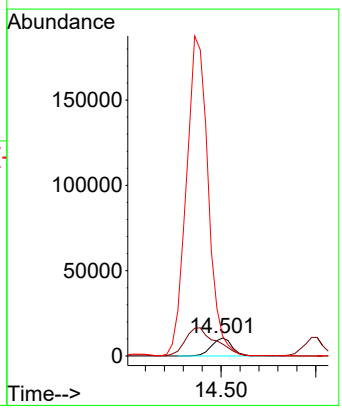


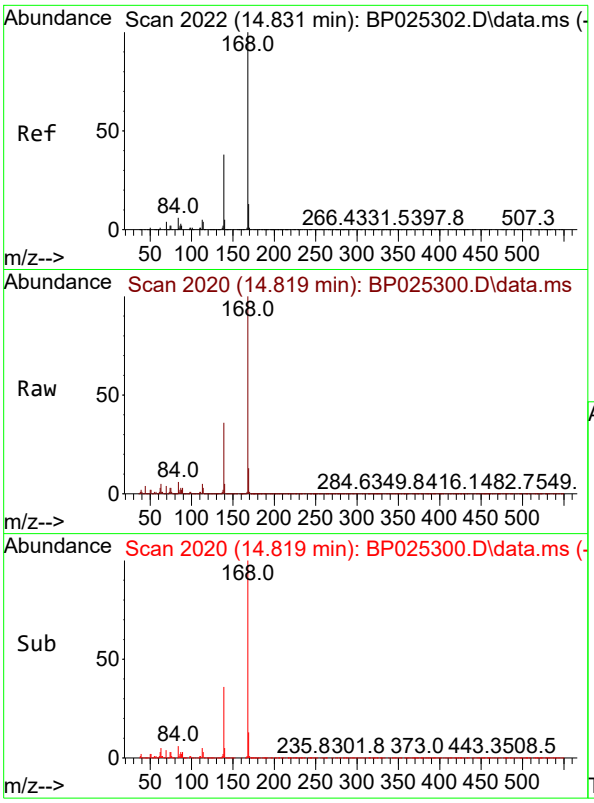


#54
2,4-Dinitrophenol
Concen: 9.839 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:184 Resp: 15825

Ion	Ratio	Lower	Upper
184	100		
63	66.6	56.3	84.5
154	112.6	124.5	186.7#



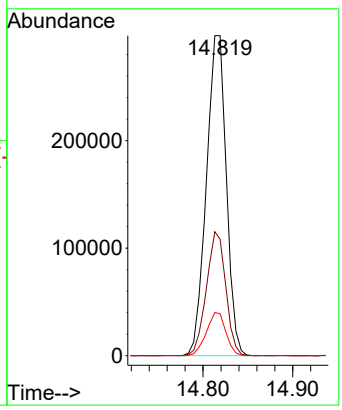


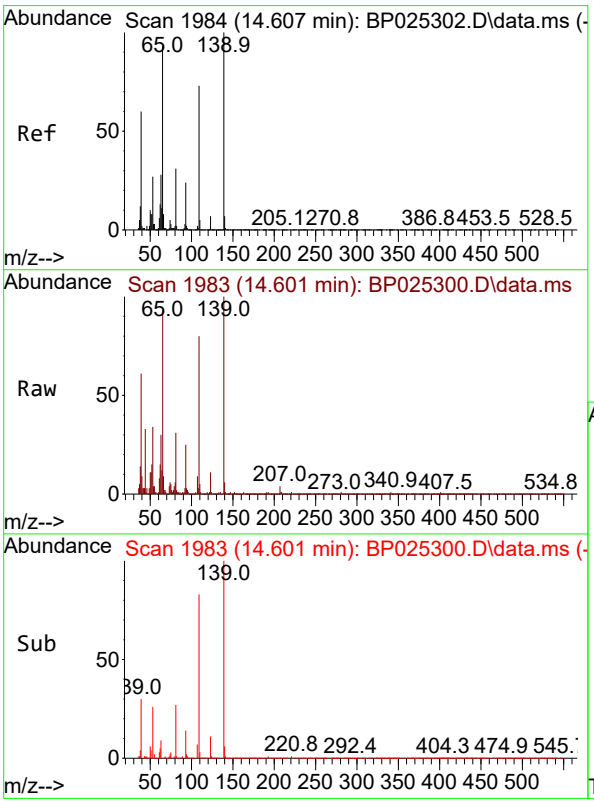
#55
Dibenzofuran
Concen: 10.010 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 459701

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7
169	13.1	10.6	15.8

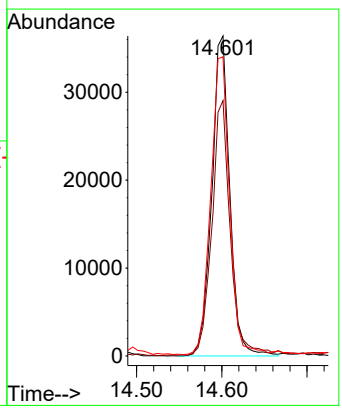


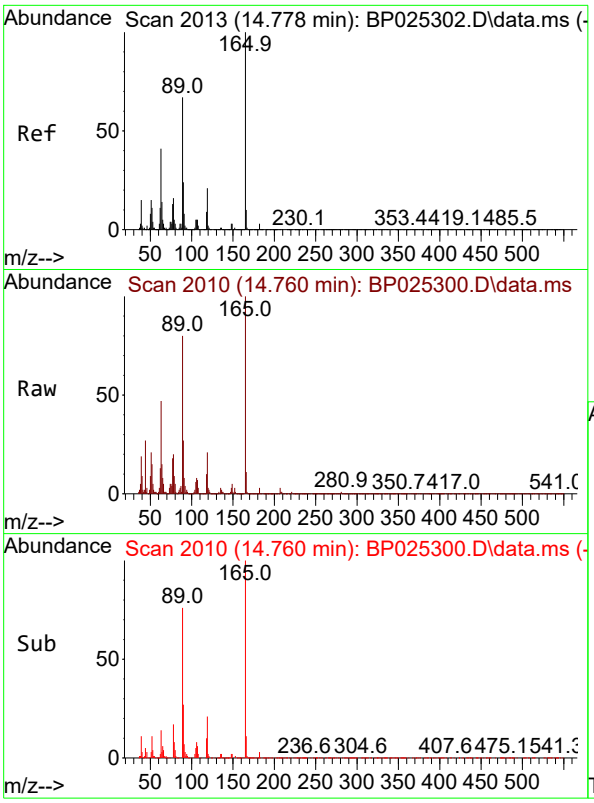


#56
4-Nitrophenol
Concen: 7.162 ng
RT: 14.601 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:139 Resp: 53432

Ion	Ratio	Lower	Upper
139	100		
109	79.8	52.7	92.7
65	93.5	73.4	113.4



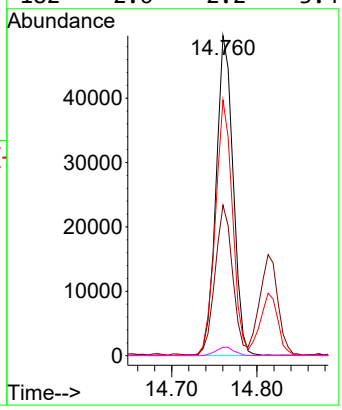


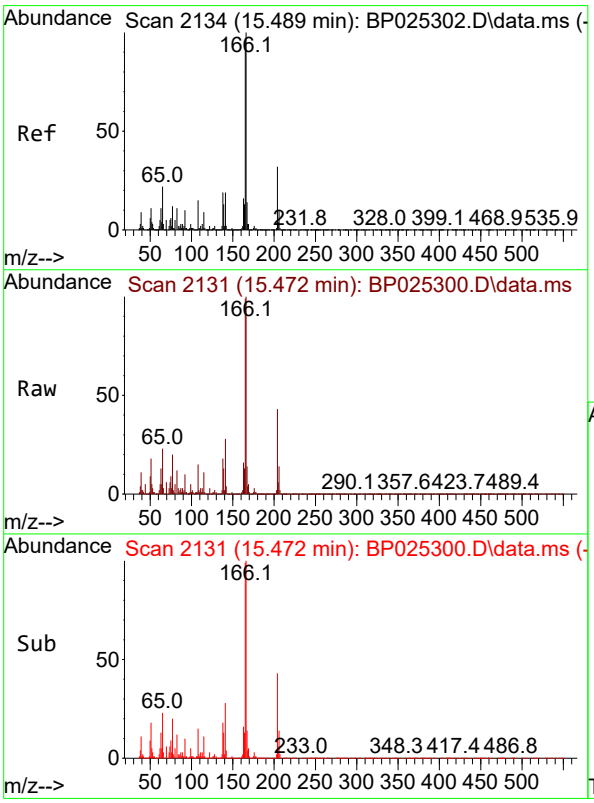
#57
2,4-Dinitrotoluene
Concen: 9.001 ng
RT: 14.760 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 69027

Ion	Ratio	Lower	Upper
165	100		
63	47.0	33.2	49.8
89	79.9	53.5	80.3
182	2.6	2.2	3.4

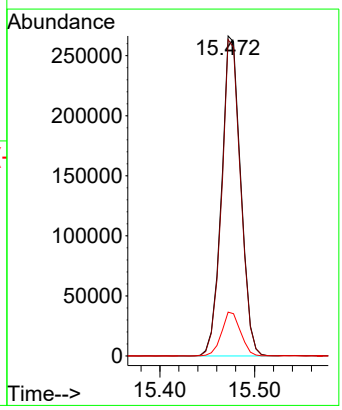


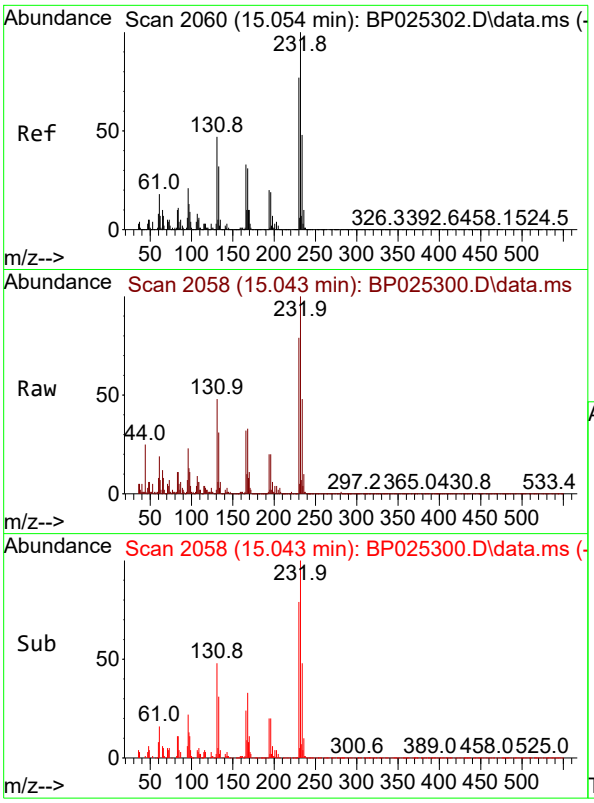


#58
Fluorene
Concen: 10.408 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:166 Resp: 375406

Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.7	115.1
167	13.7	10.9	16.3



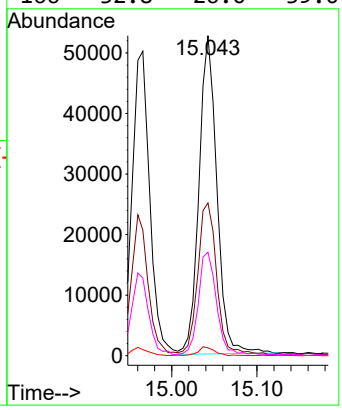


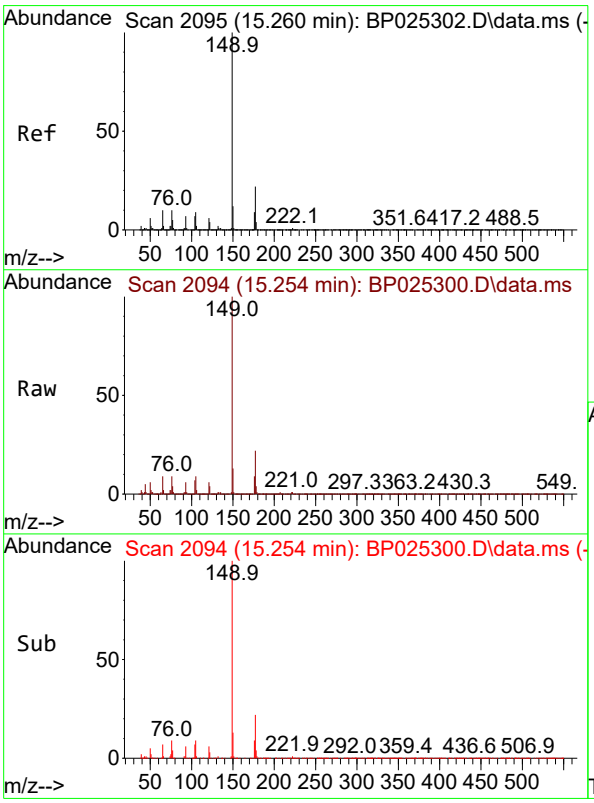
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.599 ng
RT: 15.043 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 76798

Ion	Ratio	Lower	Upper
232	100		
131	50.4	39.3	58.9
130	2.5	2.2	3.2
166	32.8	26.0	39.0

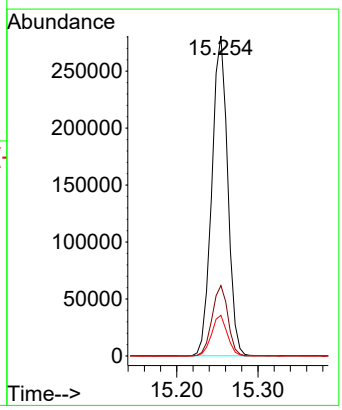


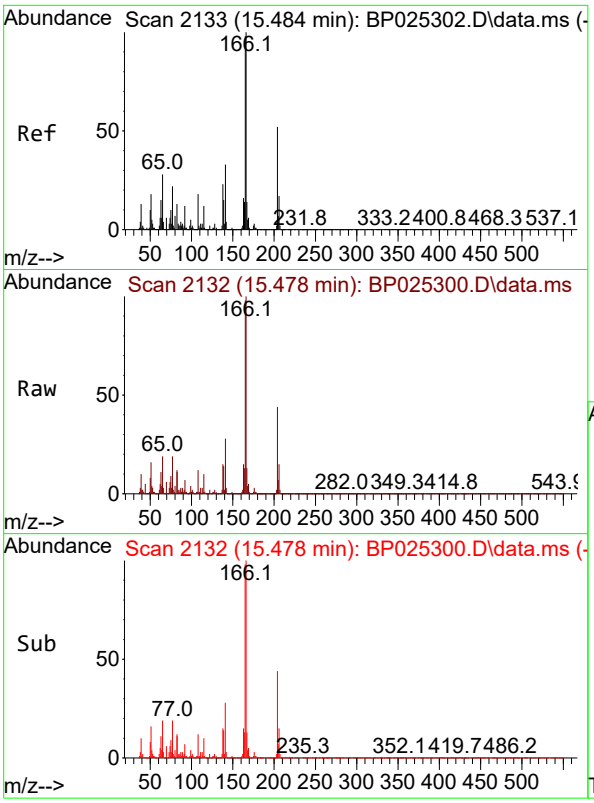


#60
Diethylphthalate
Concen: 9.631 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 380275

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.7	9.8	14.8



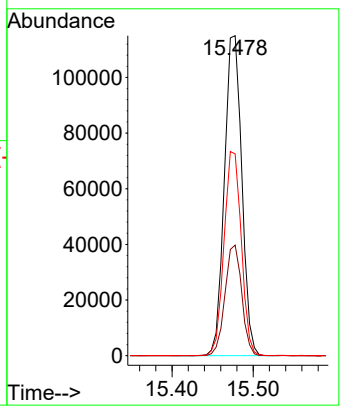


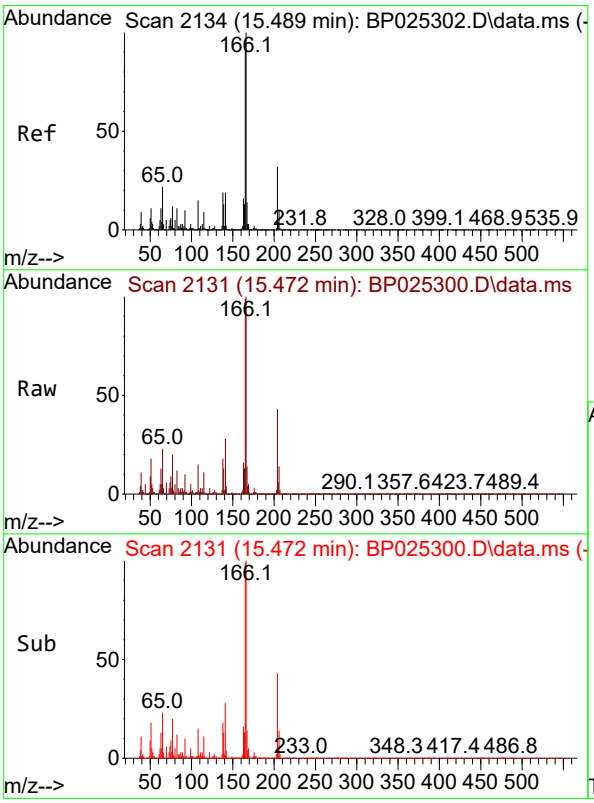
#61
4-Chlorophenyl-phenylether
Concen: 10.026 ng
RT: 15.478 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 171438

Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.0	40.4
141	63.0	50.3	75.5

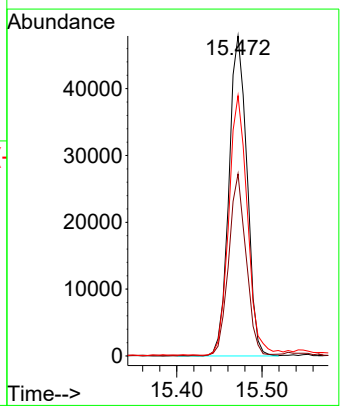


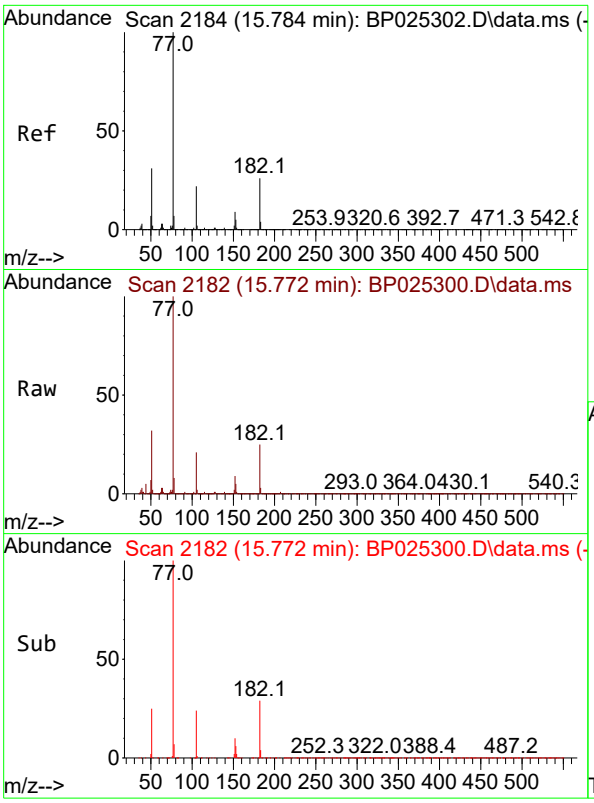


#62
4-Nitroaniline
Concen: 8.428 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:138 Resp: 70585

Ion	Ratio	Lower	Upper
138	100		
92	56.9	29.8	69.8
108	81.3	56.6	96.6



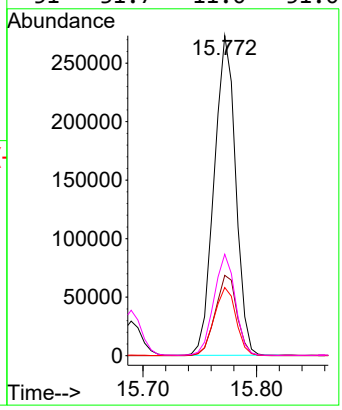


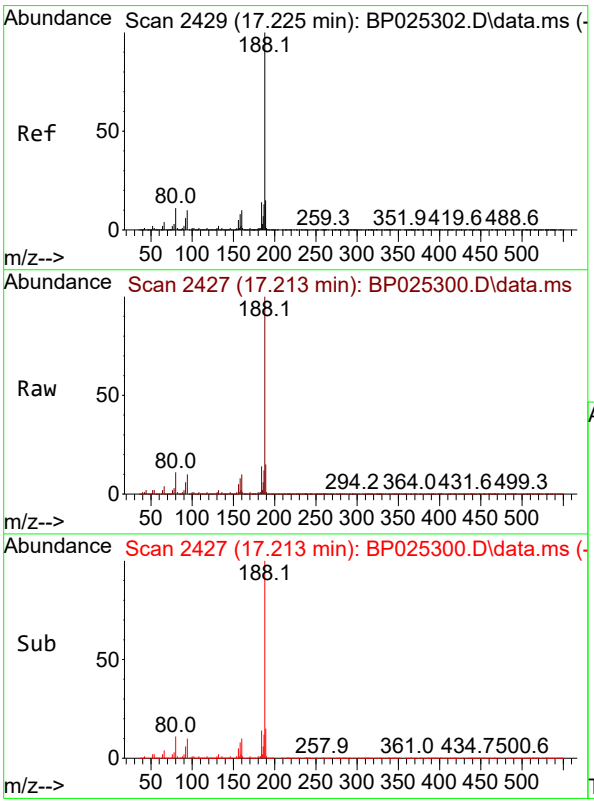
#63
Azobenzene
Concen: 9.811 ng
RT: 15.772 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 359853

Ion	Ratio	Lower	Upper
77	100		
182	25.1	6.0	46.0
105	21.3	2.1	42.1
51	31.7	11.0	51.0

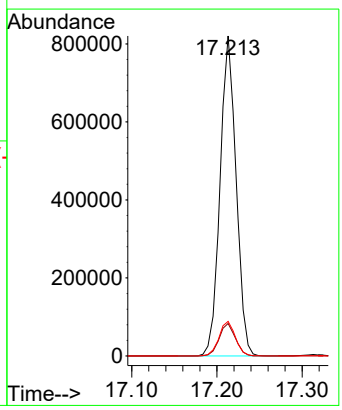


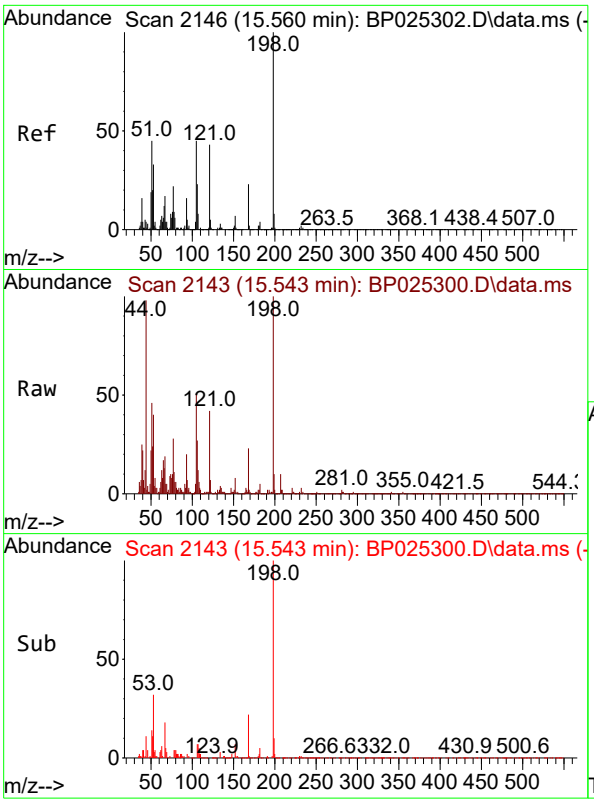


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:188 Resp: 1073622

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.8	8.5	12.7



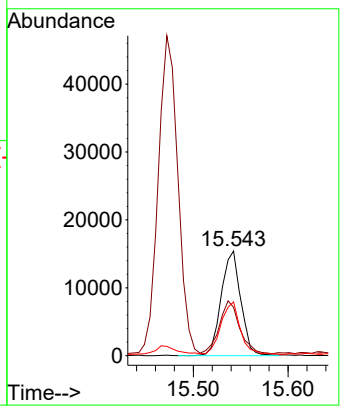


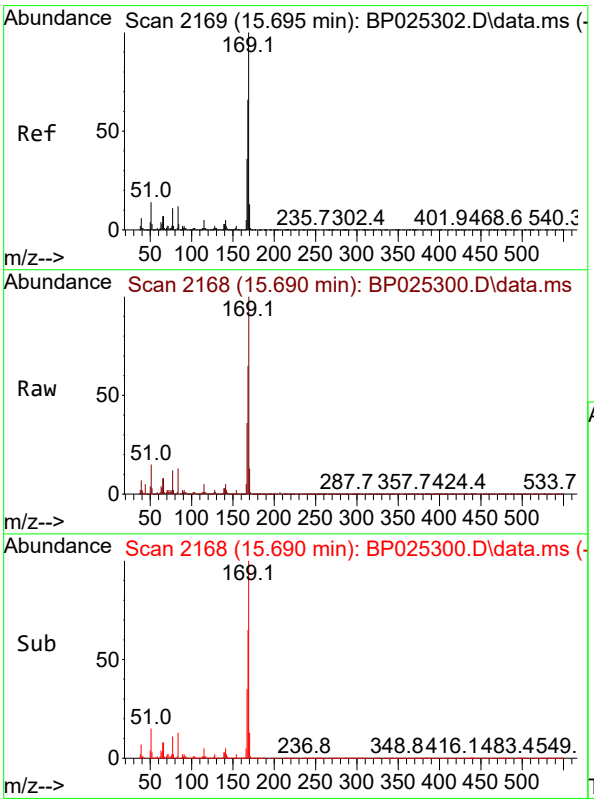
#65
4,6-Dinitro-2-methylphenol
Concen: 10.172 ng
RT: 15.543 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 22067

Ion	Ratio	Lower	Upper
198	100		
51	46.2	26.7	66.7
105	51.3	25.6	65.6

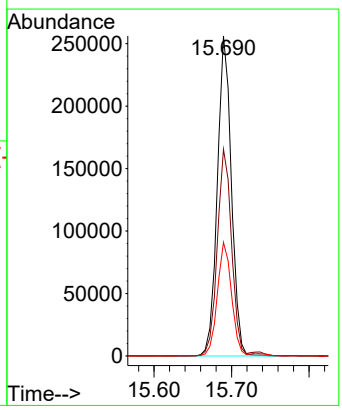


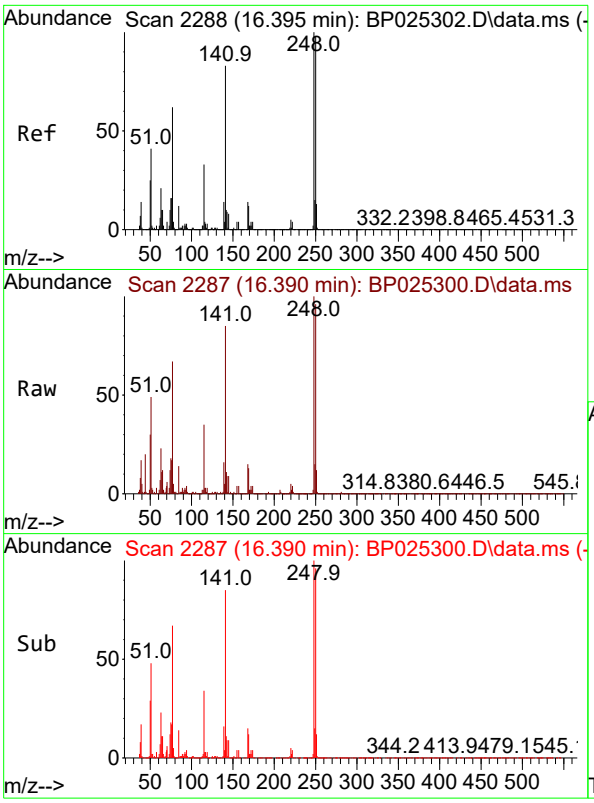


#66
n-Nitrosodiphenylamine
Concen: 9.868 ng
RT: 15.690 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:169 Resp: 322596

Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.8	79.2
167	35.5	28.5	42.7



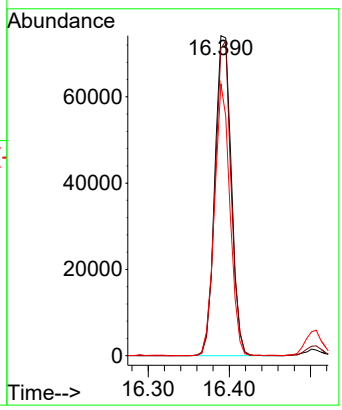


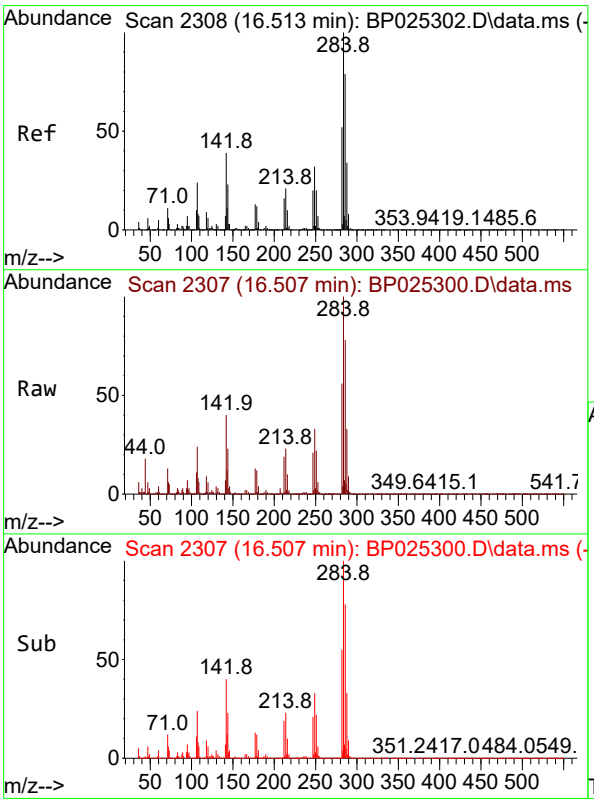
#67
4-Bromophenyl-phenylether
Concen: 9.662 ng
RT: 16.390 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 104373

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	84.9	66.6	99.8

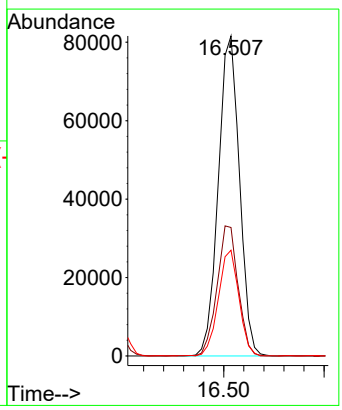


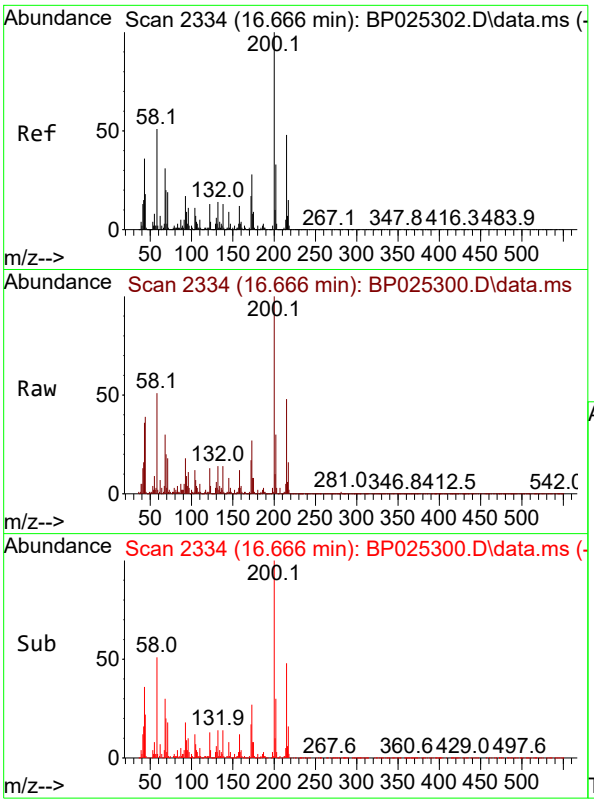


#68
Hexachlorobenzene
Concen: 9.848 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:284 Resp: 119372

Ion	Ratio	Lower	Upper
284	100		
142	40.1	30.8	46.2
249	33.1	25.4	38.0



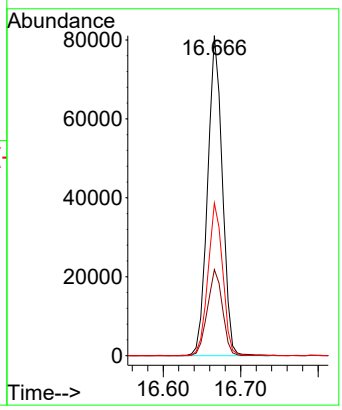


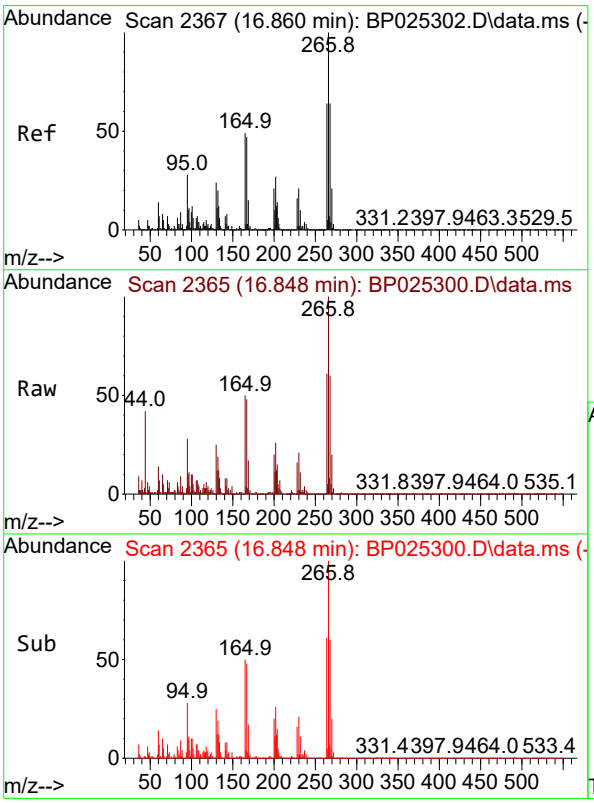
#69
Atrazine
Concen: 9.287 ng
RT: 16.666 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 106765

Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.2	48.2
215	47.7	28.1	68.1

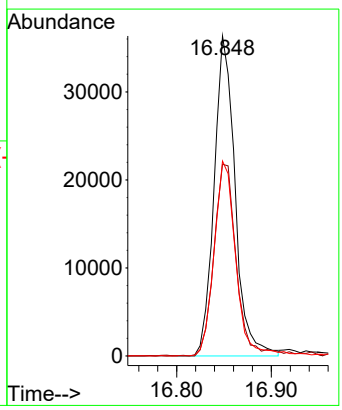


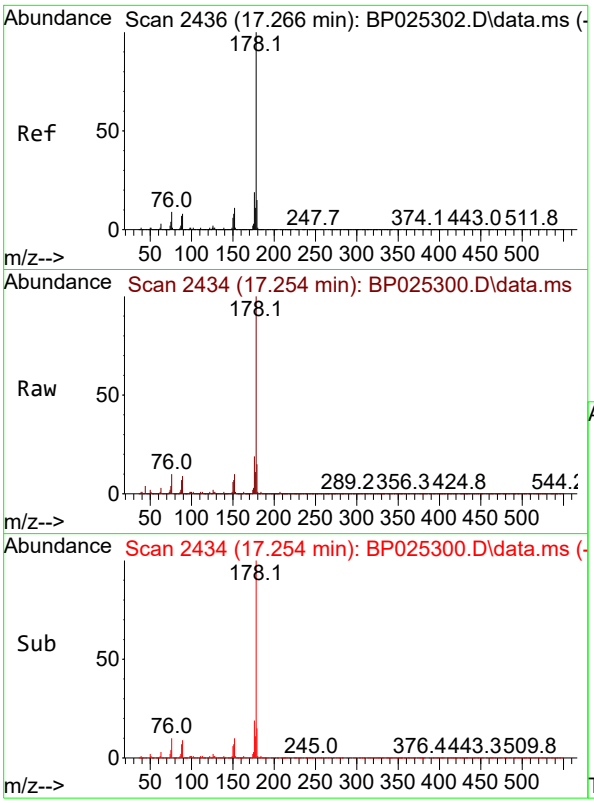


#70
Pentachlorophenol
Concen: 7.240 ng
RT: 16.848 min Scan# 2365
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:266 Resp: 55907

Ion	Ratio	Lower	Upper
266	100		
268	59.9	51.4	77.0
264	60.9	51.1	76.7



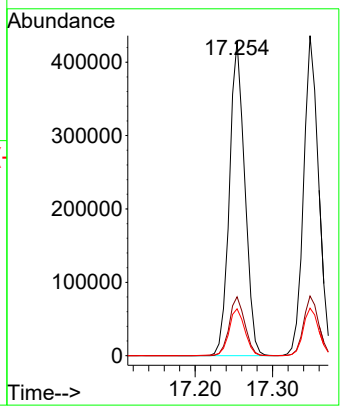


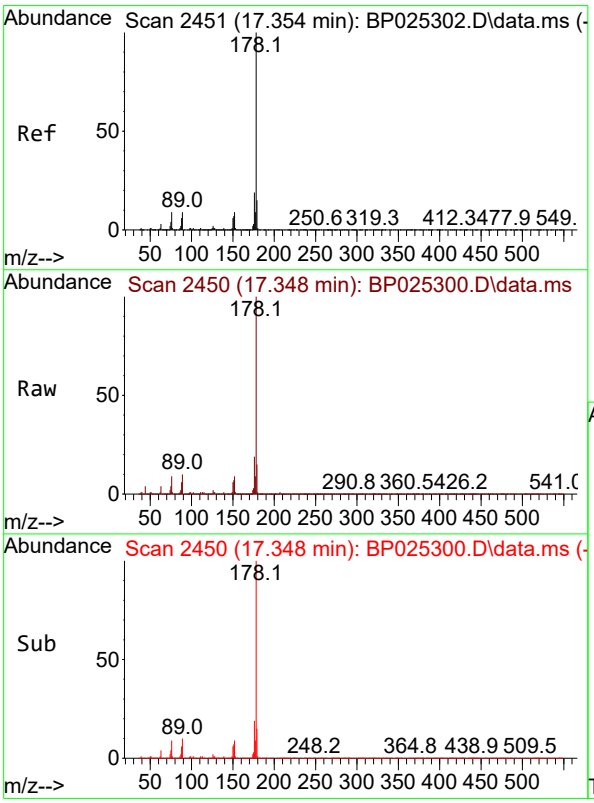
#71
Phenanthrene
Concen: 10.048 ng
RT: 17.254 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 590839

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.9	12.1	18.1

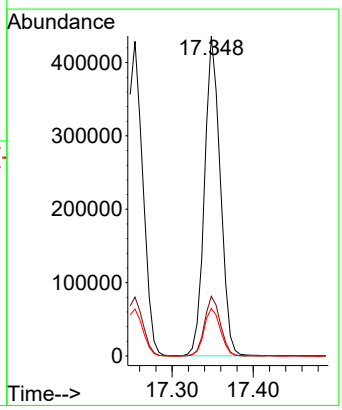


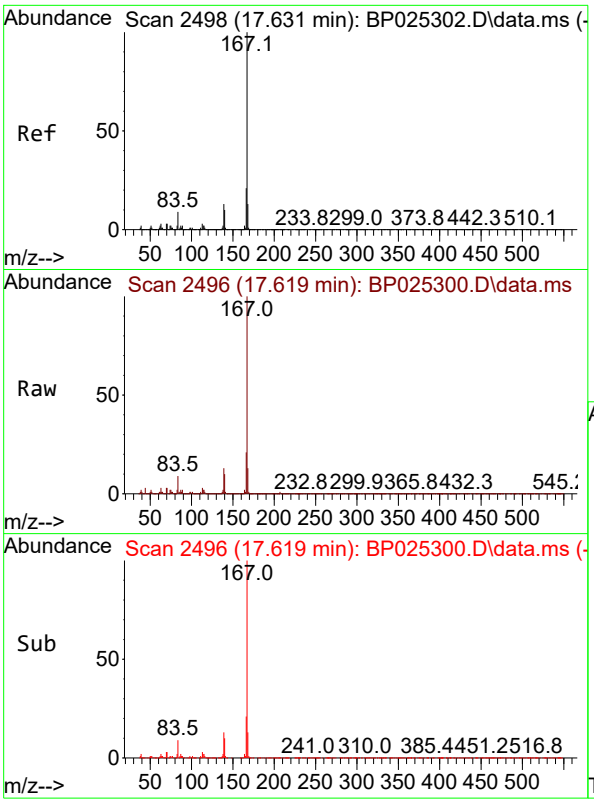


#72
Anthracene
Concen: 9.893 ng
RT: 17.348 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:178 Resp: 586562

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	14.9	12.3	18.5



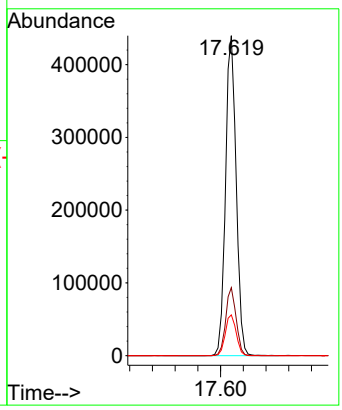


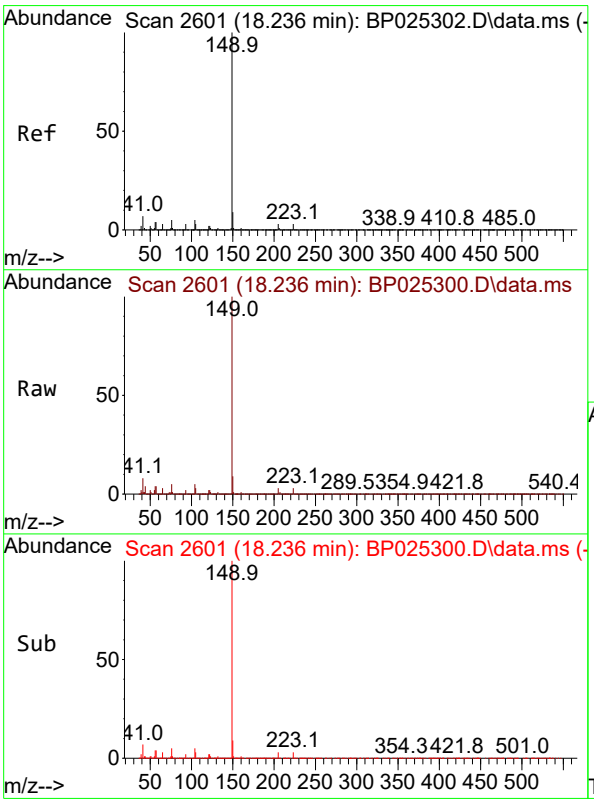
#73
Carbazole
Concen: 10.083 ng
RT: 17.619 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 573898

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.7	10.6	16.0

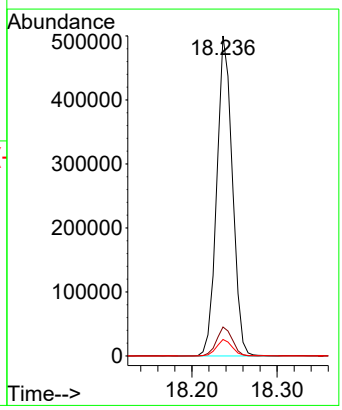


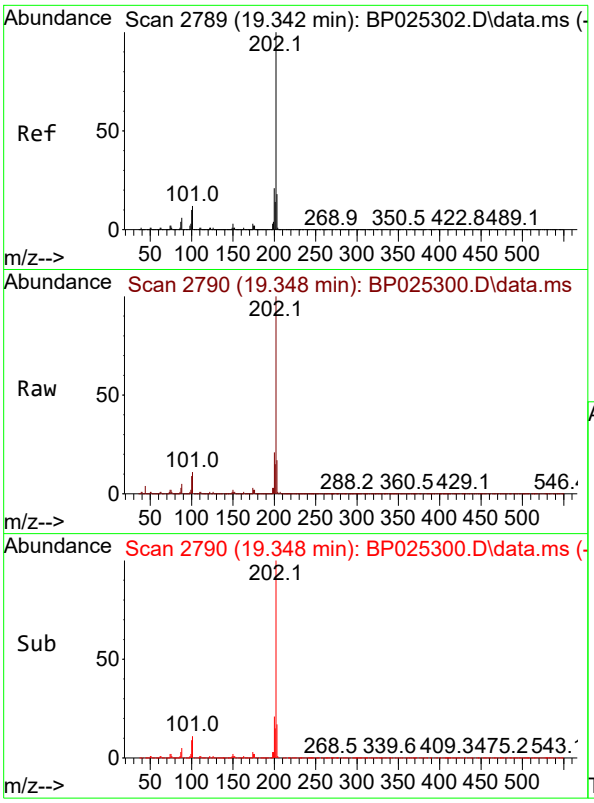


#74
Di-n-butylphthalate
Concen: 9.262 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 637721

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.2	4.1	6.1



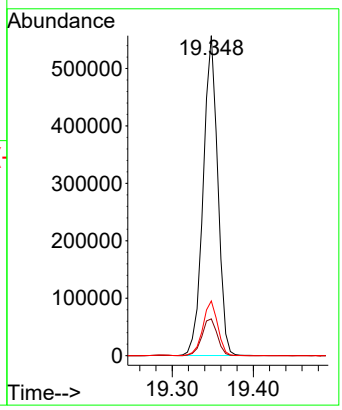


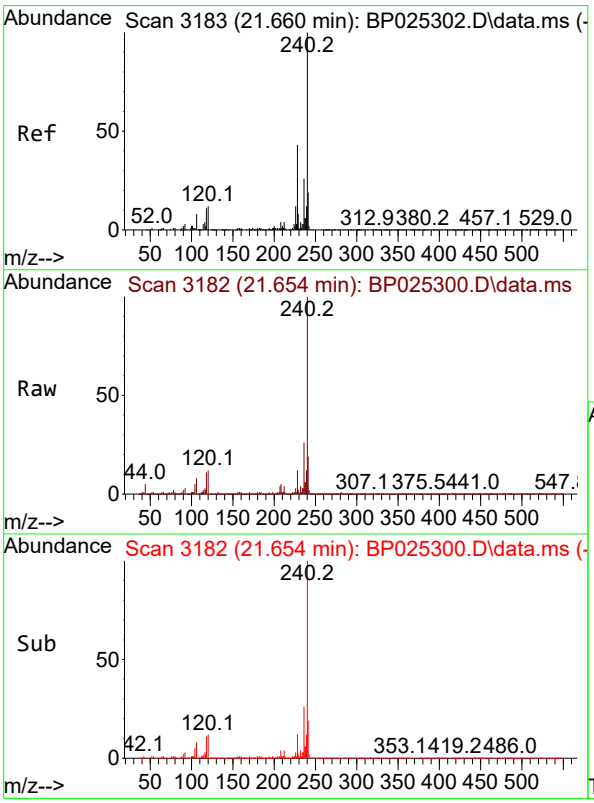
#75
Fluoranthene
Concen: 10.159 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 691537

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.1	0.0	37.6

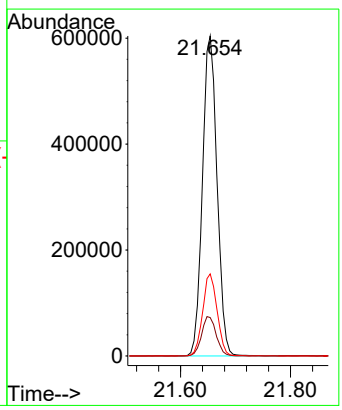


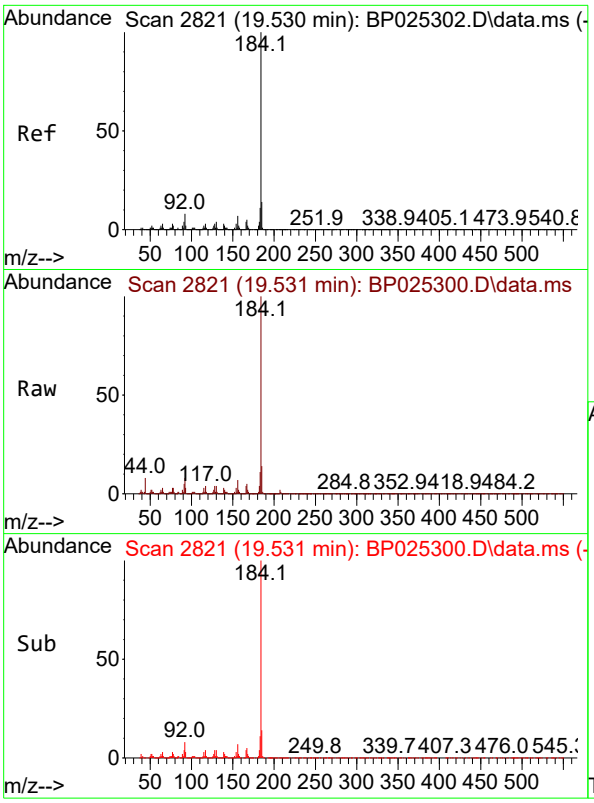


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:240 Resp: 1112736

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.7	20.4	30.6



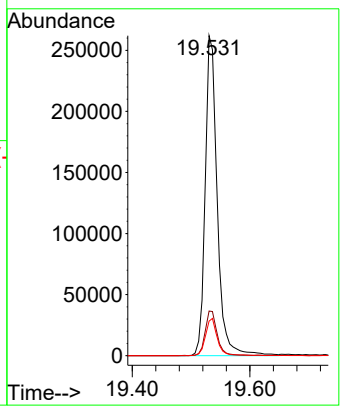


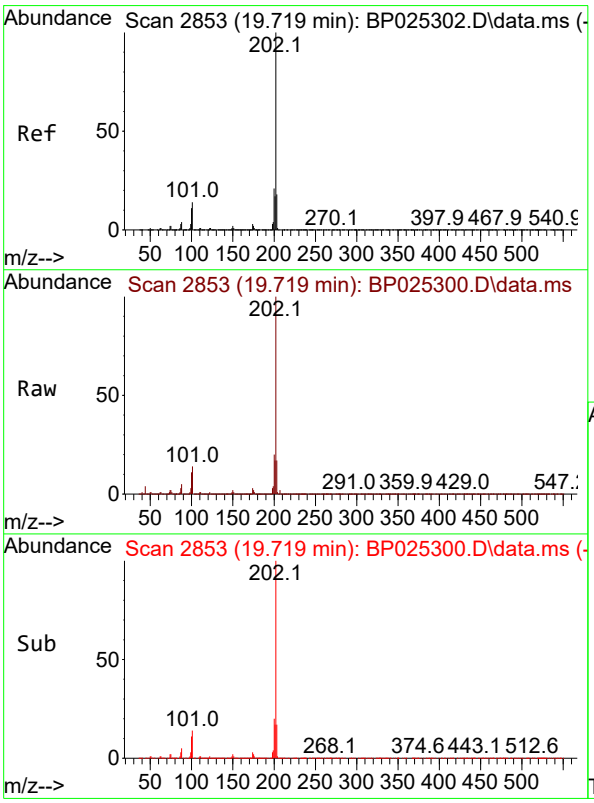
#77
Benzidine
Concen: 9.234 ng
RT: 19.531 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 371909

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.6
183	10.8	9.2	13.8

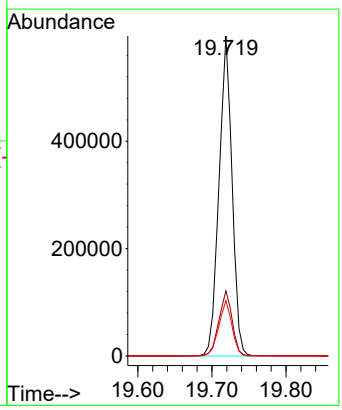


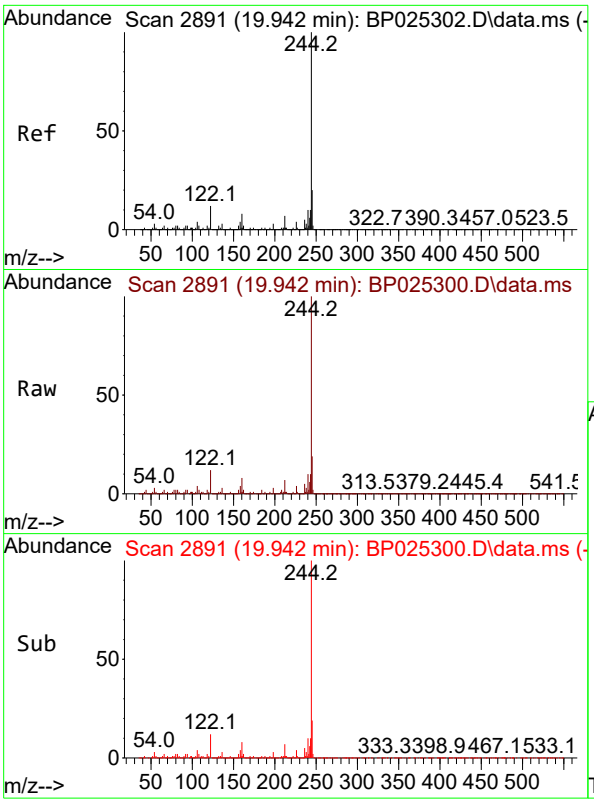


#78
Pyrene
Concen: 9.876 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:202 Resp: 730793

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	17.2	14.1	21.1



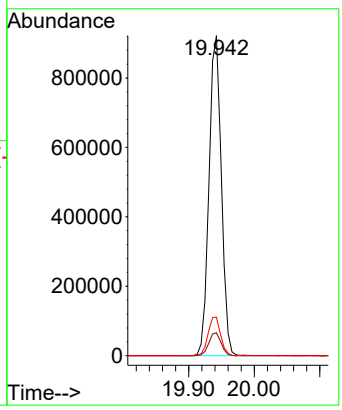


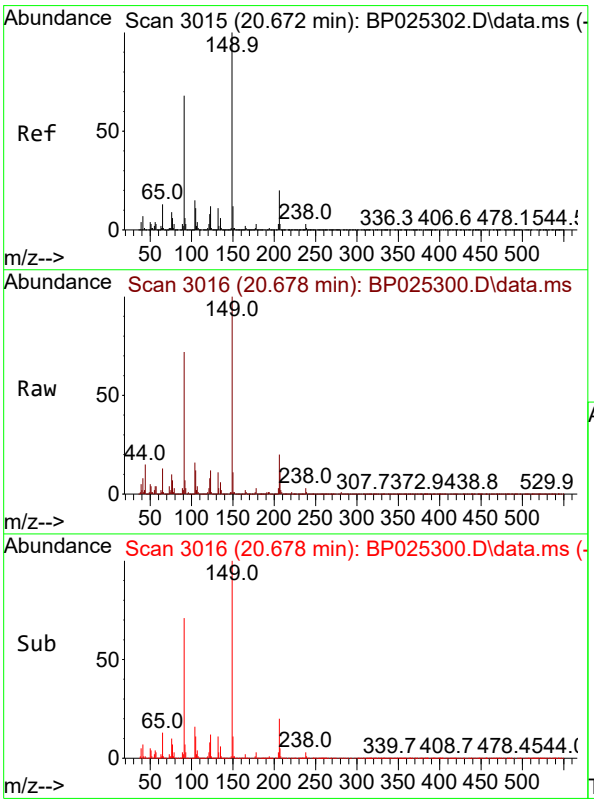
#79
Terphenyl-d14
Concen: 20.452 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1204621

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.1	9.5	14.3

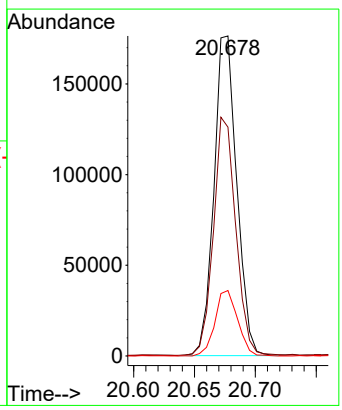


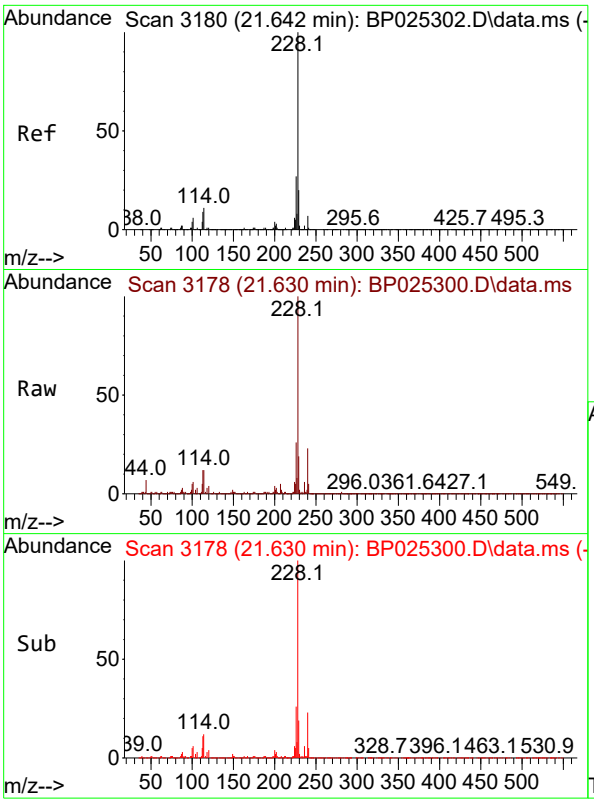


#80
Butylbenzylphthalate
Concen: 7.663 ng
RT: 20.678 min Scan# 3016
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 229970

Ion	Ratio	Lower	Upper
149	100		
91	71.5	54.7	82.1
206	20.5	16.4	24.6



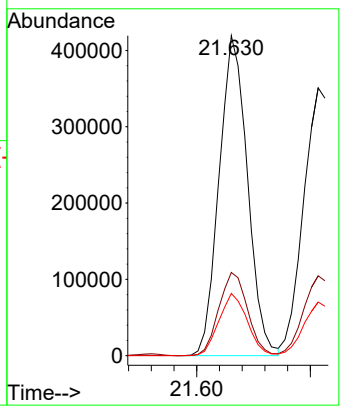


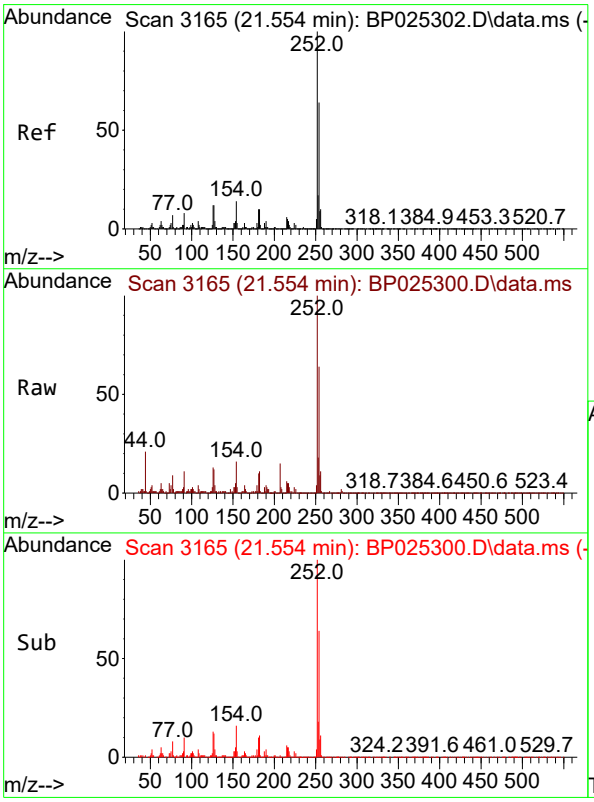
#81
Benzo(a)anthracene
Concen: 9.842 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 727727

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.8
229	19.4	16.0	24.0

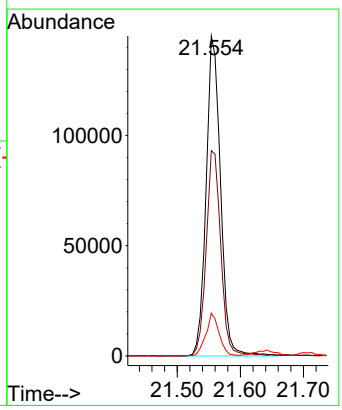


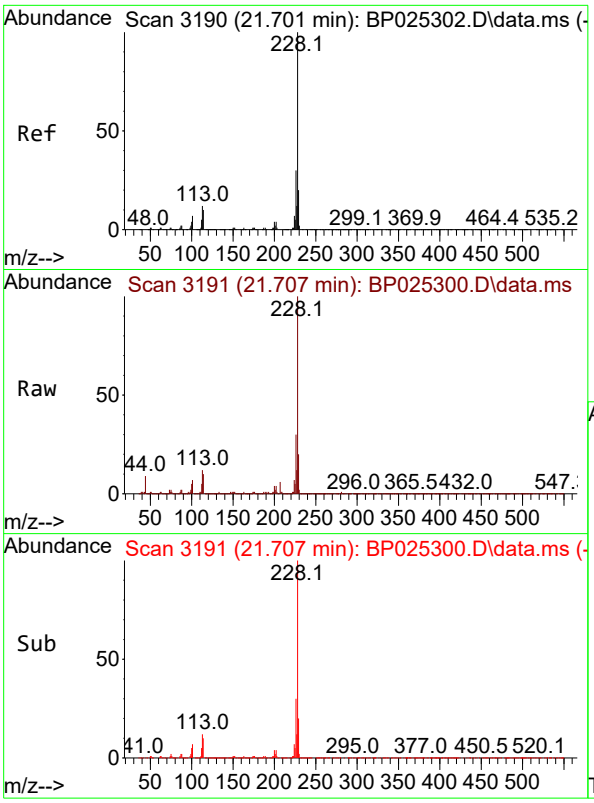


#82
3,3'-Dichlorobenzidine
Concen: 8.826 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 230264

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.6
126	13.4	9.4	14.2



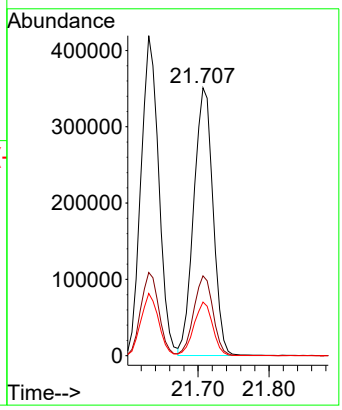


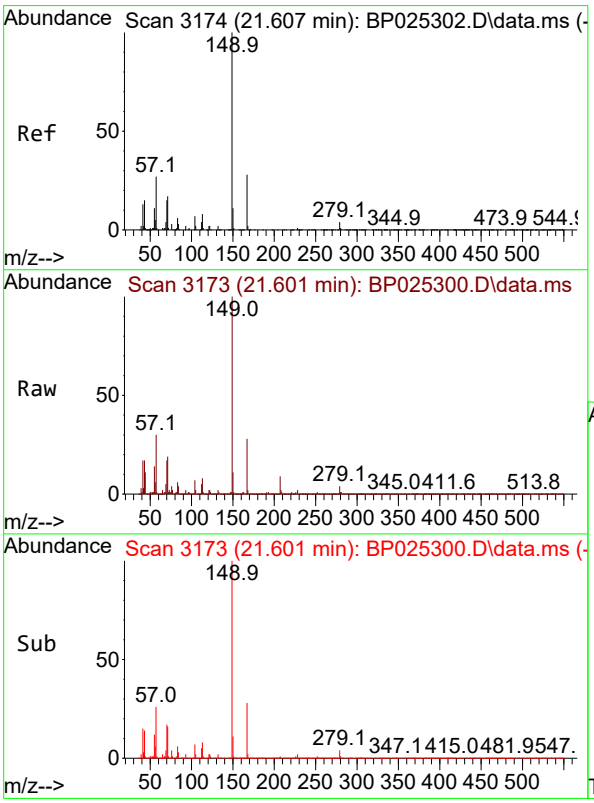
#83
Chrysene
Concen: 9.677 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 663697

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	20.0	15.9	23.9

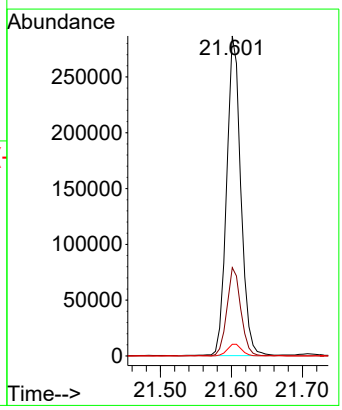


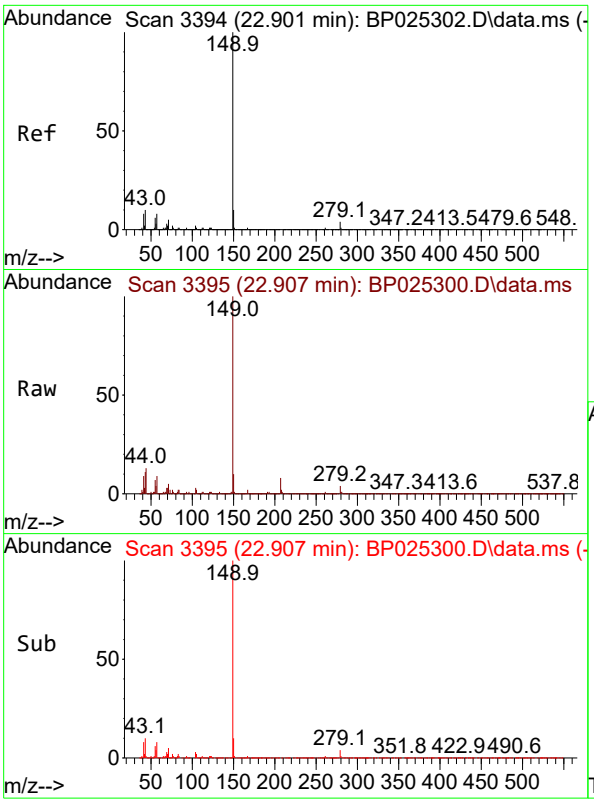


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.280 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 396772

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.7	3.4	5.2



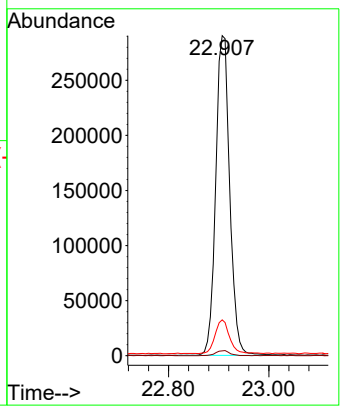


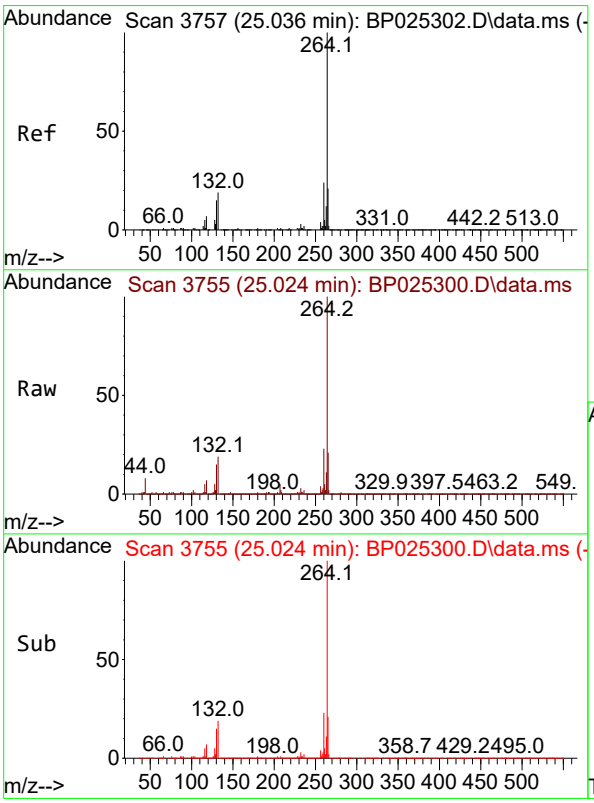
#85
Di-n-octyl phthalate
Concen: 7.010 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 562282

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	7.9	11.9

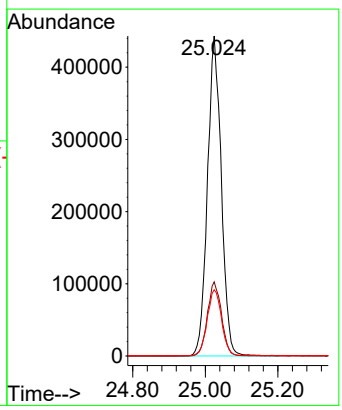


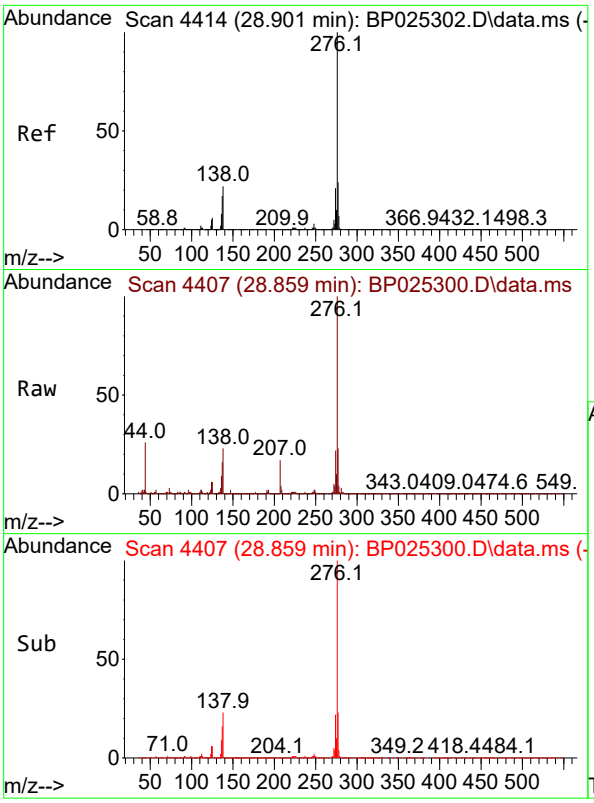


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:264 Resp: 1171338

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	17.1	25.7



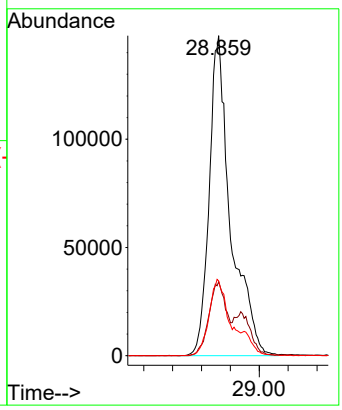


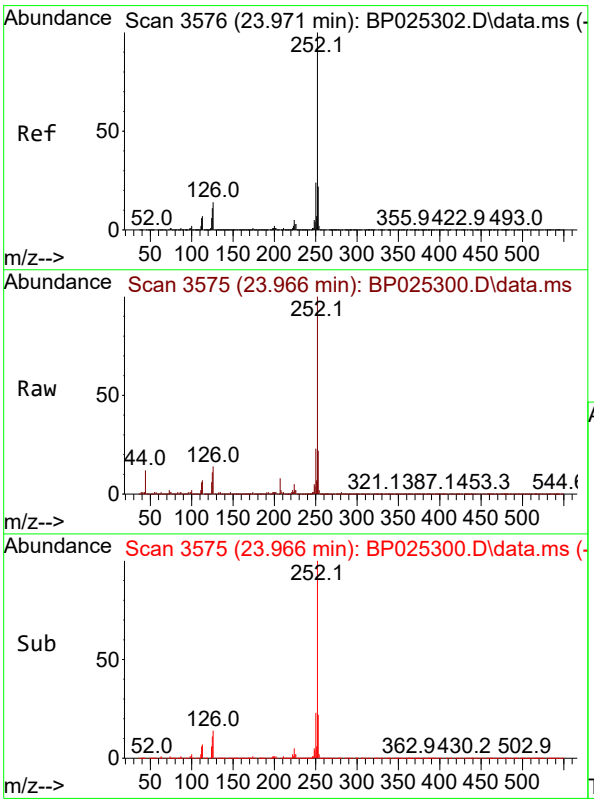
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.070 ng
RT: 28.859 min Scan# 44
Delta R.T. -0.042 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 762632

Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.6	22.0
277	21.9	16.8	25.2

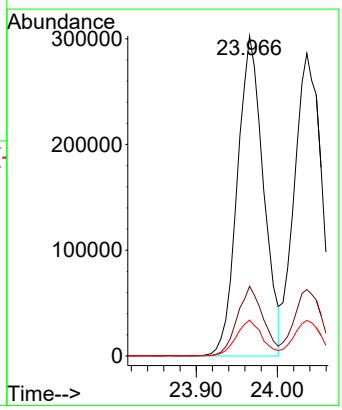


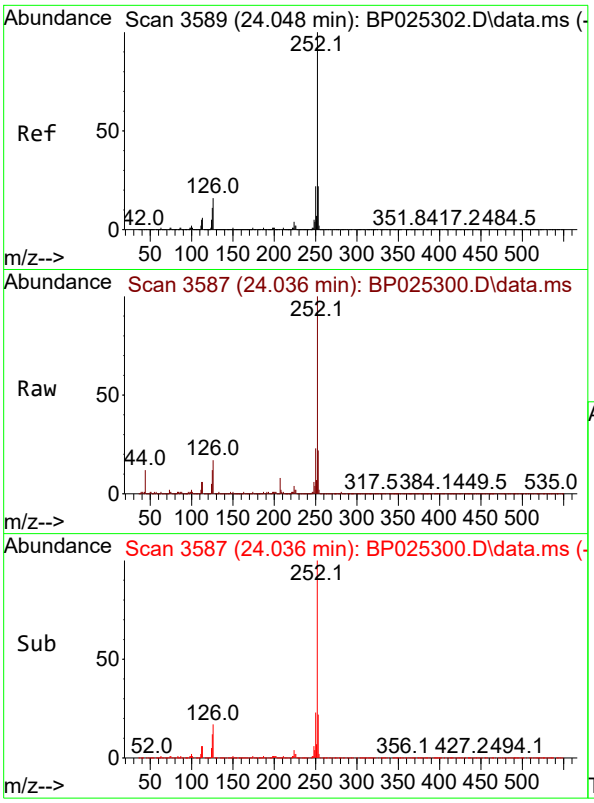


#88
Benzo(b)fluoranthene
Concen: 9.613 ng
RT: 23.966 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 674021

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.2	8.5	12.7



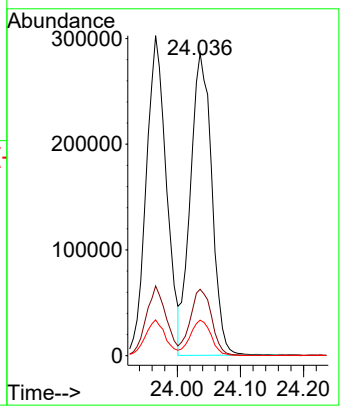


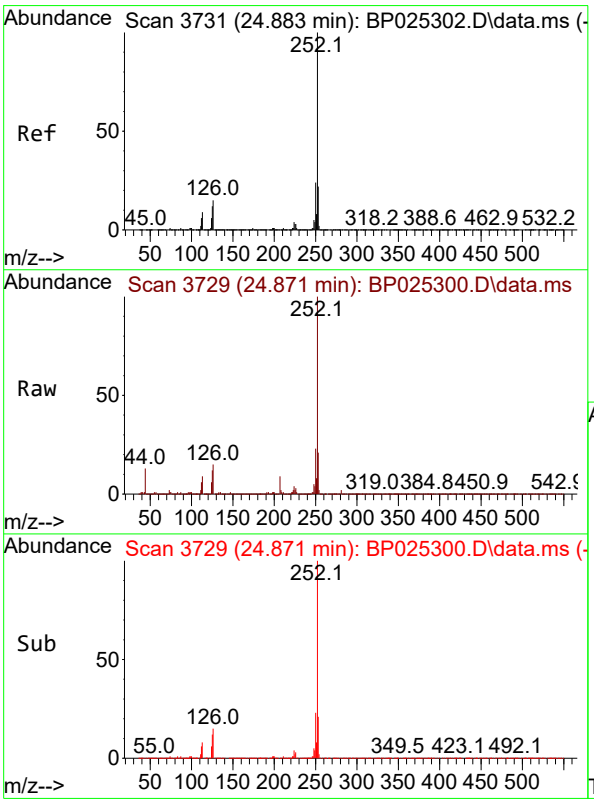
#89
Benzo(k)fluoranthene
Concen: 9.648 ng
RT: 24.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 670628

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.8	8.5	12.7

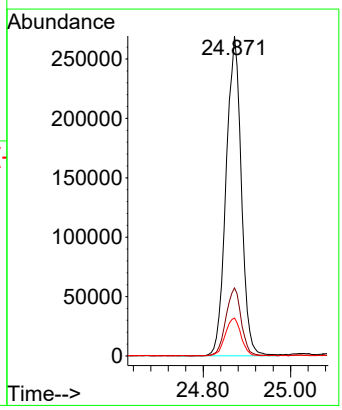


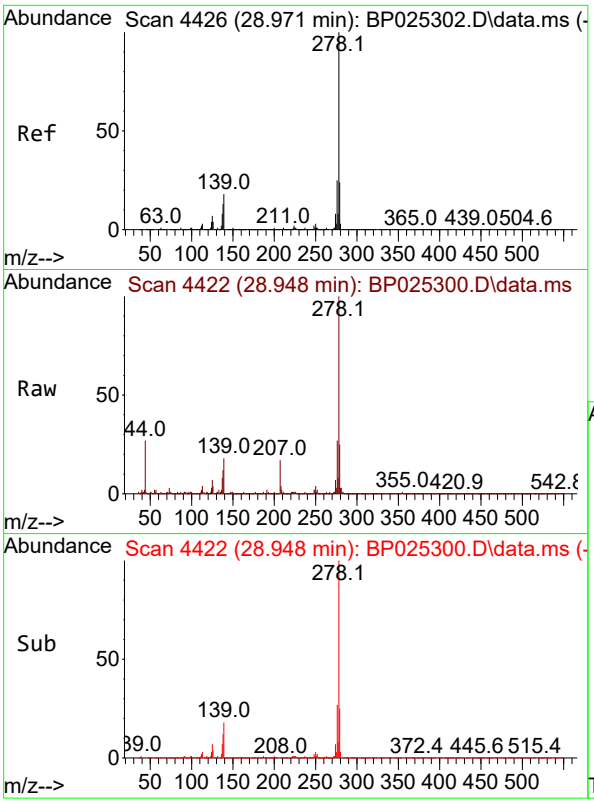


#90
Benzo(a)pyrene
Concen: 9.608 ng
RT: 24.871 min Scan# 3729
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 648807

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	11.9	9.4	14.0



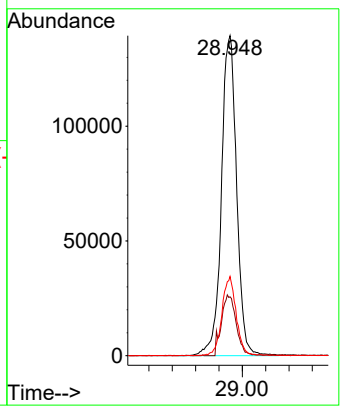


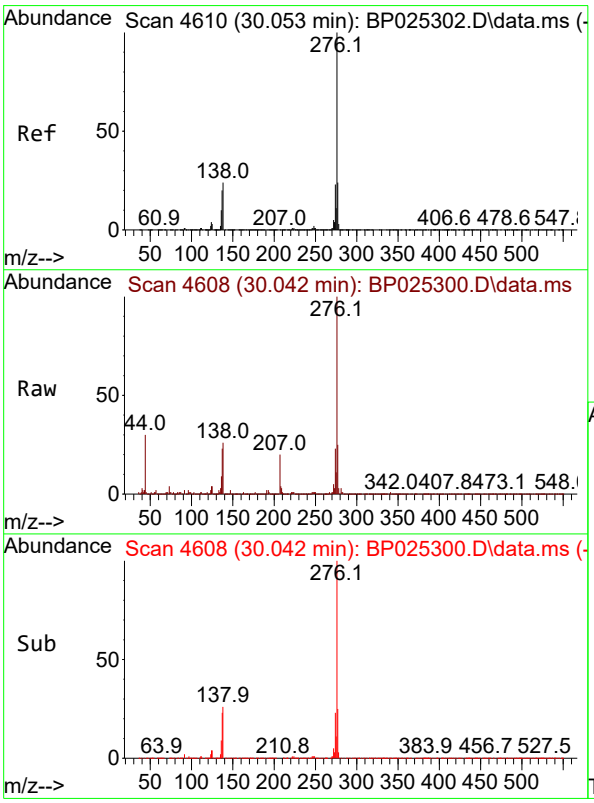
#91
Dibenzo(a,h)anthracene
Concen: 9.173 ng
RT: 28.948 min Scan# 44
Delta R.T. -0.023 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 630715

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.6	22.0
279	24.8	19.0	28.4

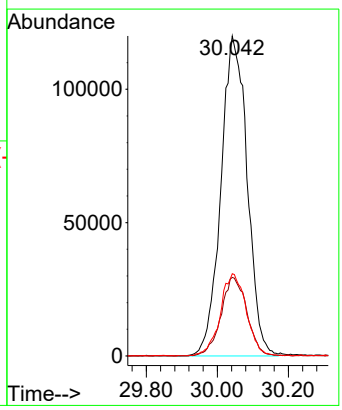




#92
Benzo(g,h,i)perylene
Concen: 9.120 ng
RT: 30.042 min Scan# 4608
Delta R.T. -0.011 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:276 Resp: 615632

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	25.7	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	294592	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1257251	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	772745	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1545091	20.000	ng		-0.02
76) Chrysene-d12	21.642	240	1541869	20.000	ng		-0.02
86) Perylene-d12	25.018	264	1709357	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	736938	39.974	ng		0.00
7) Phenol-d6	6.961	99	970685	39.915	ng		0.00
23) Nitrobenzene-d5	8.937	82	943796	40.616	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	325099	40.747	ng		-0.01
45) 2-Fluorobiphenyl	13.031	172	2285838	41.076	ng		0.00
79) Terphenyl-d14	19.925	244	3380656	41.421	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	141085	19.519	ng		98
3) Pyridine	3.725	79	394975	19.668	ng		99
4) n-Nitrosodimethylamine	3.637	42	184663	19.807	ng		97
6) Aniline	7.131	93	650581	19.660	ng		100
8) 2-Chlorophenol	7.366	128	399216	19.912	ng		99
9) Benzaldehyde	6.943	77	319029	18.633	ng		98
10) Phenol	6.984	94	509021	19.736	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	400605	19.823	ng		99
12) 1,3-Dichlorobenzene	7.696	146	449548	19.955	ng		99
13) 1,4-Dichlorobenzene	7.837	146	452555	19.856	ng		99
14) 1,2-Dichlorobenzene	8.149	146	439038	19.885	ng		98
15) Benzyl Alcohol	8.025	79	362188	19.383	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	635912	19.920	ng		98
17) 2-Methylphenol	8.225	107	340407	19.724	ng		98
18) Hexachloroethane	8.878	117	158949	19.501	ng		98
19) n-Nitroso-di-n-propyla...	8.590	70	312863	19.754	ng		99
20) 3+4-Methylphenols	8.543	107	461472	19.418	ng		98
22) Acetophenone	8.607	105	640590	20.296	ng	#	99
24) Nitrobenzene	8.978	77	435932	20.293	ng		100
25) Isophorone	9.502	82	882394	19.534	ng		99
26) 2-Nitrophenol	9.684	139	144380	17.898	ng		99
27) 2,4-Dimethylphenol	9.743	122	387180	18.591	ng		94
28) bis(2-Chloroethoxy)met...	9.984	93	549341	19.991	ng		99
29) 2,4-Dichlorophenol	10.213	162	368492	20.210	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	407796	20.272	ng		98
31) Naphthalene	10.625	128	1313112	20.119	ng		100
32) Benzoic acid	9.831	122	159597	19.976	ng		98
33) 4-Chloroaniline	10.719	127	578033	19.913	ng		99
34) Hexachlorobutadiene	10.919	225	232981	20.177	ng		99
35) Caprolactam	11.454	113	132591	18.704	ng		96
36) 4-Chloro-3-methylphenol	11.831	107	410728	19.468	ng		97
37) 2-Methylnaphthalene	12.225	142	836183	19.794	ng		97
38) 1-Methylnaphthalene	12.443	142	884130	20.058	ng		99
40) 1,2,4,5-Tetrachloroben...	12.596	216	435991	20.666	ng		99
41) Hexachlorocyclopentadiene	12.584	237	250447	19.234	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	277071	20.330	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	315277	20.622	ng		98
46) 1,1'-Biphenyl	13.243	154	1177906	20.684	ng		100
47) 2-Chloronaphthalene	13.284	162	893709	20.570	ng		99
48) 2-Nitroaniline	13.466	65	221835	19.318	ng		98
49) Acenaphthylene	14.131	152	1469277	20.274	ng		100
50) Dimethylphthalate	13.860	163	1136145	20.169	ng		100
51) 2,6-Dinitrotoluene	13.972	165	214760	20.669	ng		96
52) Acenaphthene	14.472	154	893336	20.209	ng		100
53) 3-Nitroaniline	14.295	138	244949	20.146	ng		97
54) 2,4-Dinitrophenol	14.501	184	62185	20.728	ng	#	64
55) Dibenzofuran	14.813	168	1340675	20.295	ng		99
56) 4-Nitrophenol	14.595	139	208471	19.428	ng		99
57) 2,4-Dinitrotoluene	14.760	165	278602	19.379	ng		88
58) Fluorene	15.466	166	1065702	20.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	261795	20.379	ng		99
60) Diethylphthalate	15.248	149	1157469	20.380	ng		100
61) 4-Chlorophenyl-phenyle...	15.472	204	502874	20.445	ng		97
62) 4-Nitroaniline	15.472	138	250280	20.775	ng		99
63) Azobenzene	15.766	77	1062864	20.145	ng		100
65) 4,6-Dinitro-2-methylph...	15.537	198	96827	20.007	ng		97
66) n-Nitrosodiphenylamine	15.678	169	954626	20.292	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	311442	20.033	ng		98
68) Hexachlorobenzene	16.495	284	345386	19.800	ng		100
69) Atrazine	16.654	200	336474	20.337	ng		98
70) Pentachlorophenol	16.836	266	214251	19.278	ng		98
71) Phenanthrene	17.242	178	1695710	20.038	ng		99
72) Anthracene	17.342	178	1744320	20.442	ng		100
73) Carbazole	17.613	167	1677911	20.485	ng		100
74) Di-n-butylphthalate	18.219	149	2066393	20.853	ng		99
75) Fluoranthene	19.325	202	1994945	20.364	ng		99
77) Benzidine	19.513	184	1175553	21.065	ng		100
78) Pyrene	19.695	202	2081509	20.301	ng		99
80) Butylbenzylphthalate	20.660	149	854396	20.547	ng		100
81) Benzo(a)anthracene	21.619	228	2092336	20.421	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	745703	20.628	ng		99
83) Chrysene	21.689	228	1938698	20.400	ng		99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1391559	20.958	ng		99
85) Di-n-octyl phthalate	22.889	149	2211074	19.895	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	2454026m	20.000	ng		
88) Benzo(b)fluoranthene	23.954	252	2040906	19.945	ng		99
89) Benzo(k)fluoranthene	24.018	252	2032226	20.034	ng		99
90) Benzo(a)pyrene	24.854	252	1962673	19.917	ng		99
91) Dibenzo(a,h)anthracene	28.953	278	1992808	19.860	ng		98
92) Benzo(g,h,i)perylene	30.036	276	1964046	19.938	ng		98

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

ICAL Form

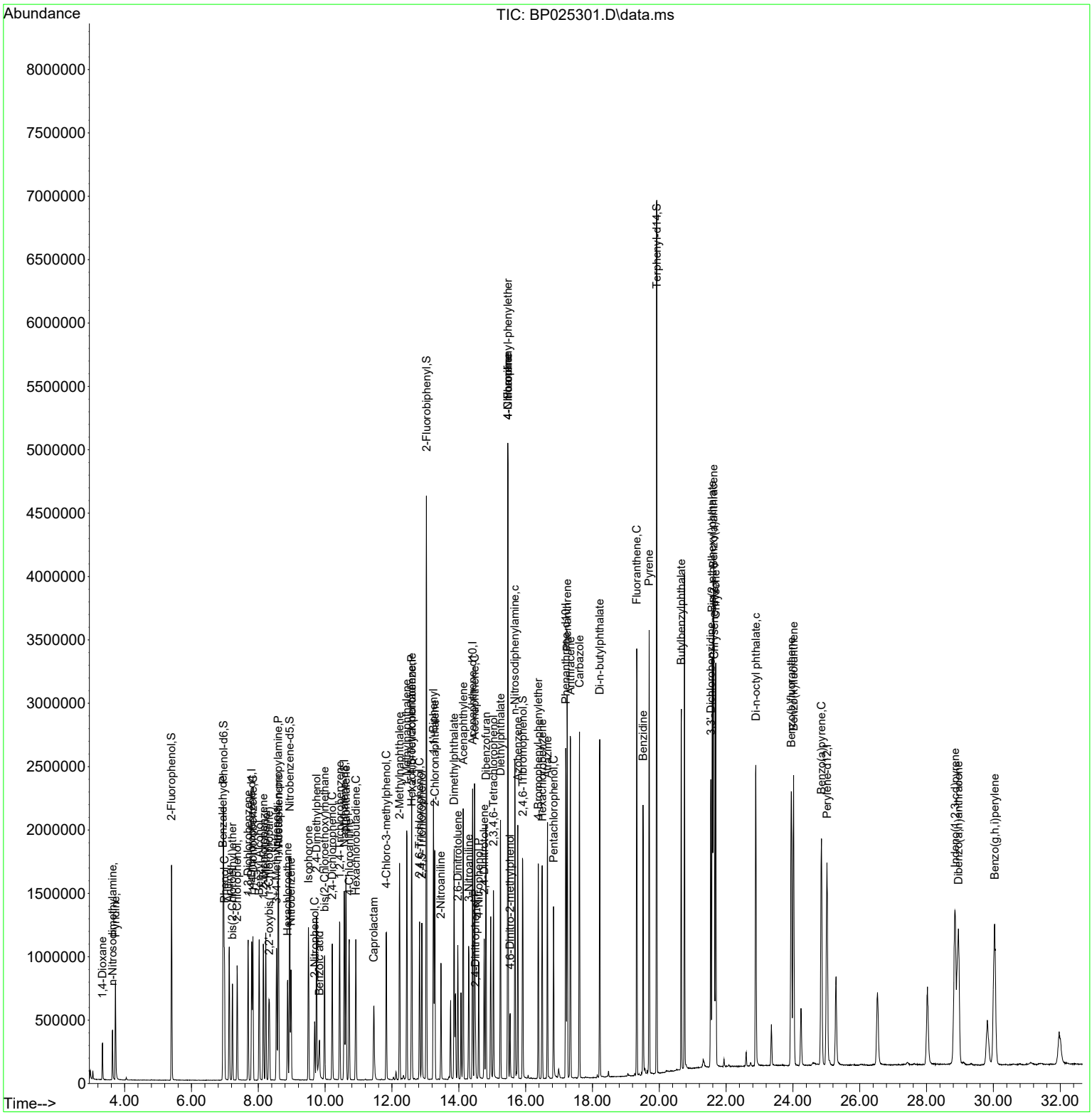
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Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

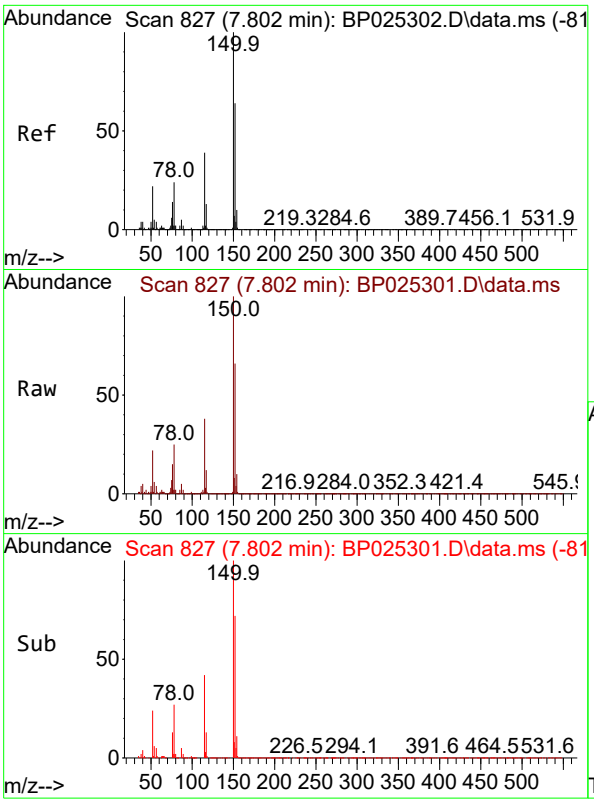
Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

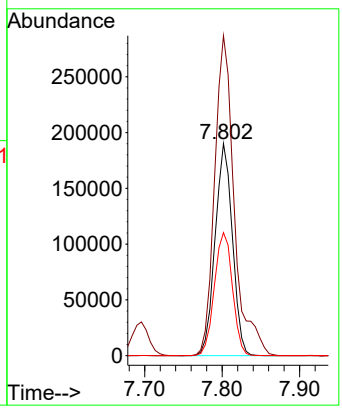




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:152 Resp: 29459

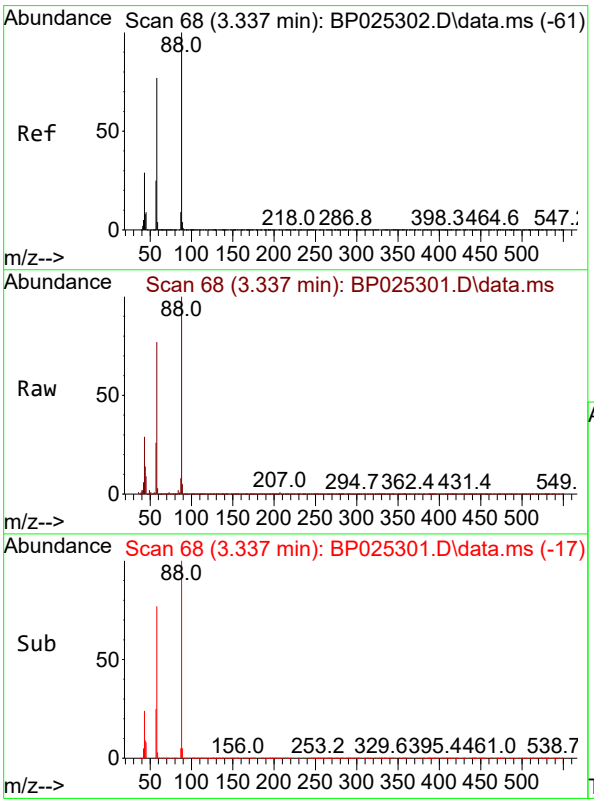
Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.1	187.7
115	58.0	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

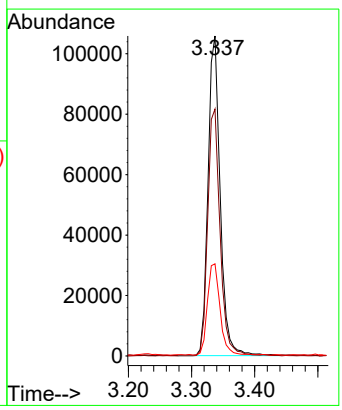
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

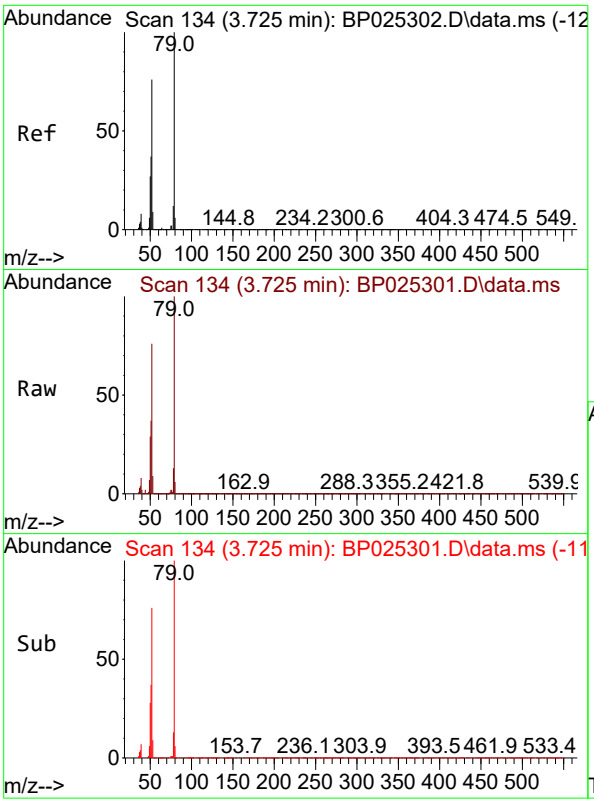


#2
1,4-Dioxane
Concen: 19.519 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 88 Resp: 141085

Ion	Ratio	Lower	Upper
88	100		
58	78.9	61.9	92.9
43	29.5	24.2	36.2

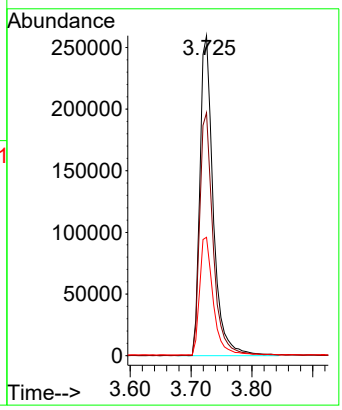




#3
Pyridine
Concen: 19.668 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 79 Resp: 39497

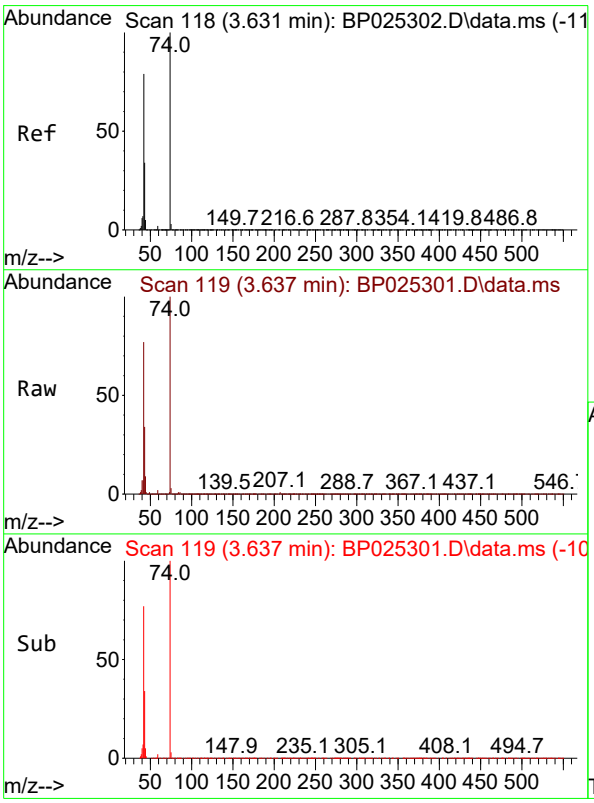
Ion	Ratio	Lower	Upper
79	100		
52	75.9	60.5	90.7
51	37.0	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

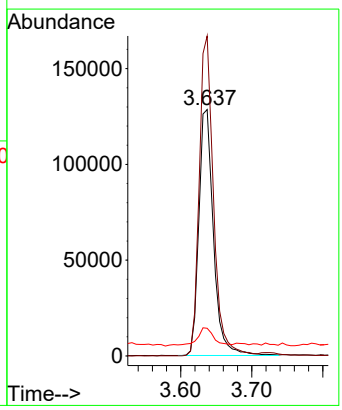
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

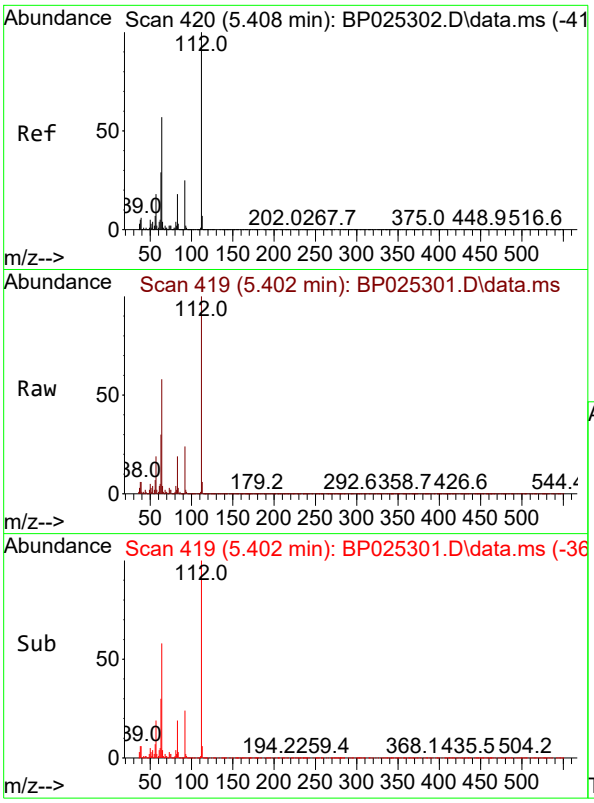


#4
n-Nitrosodimethylamine
Concen: 19.807 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 42 Resp: 184663

Ion	Ratio	Lower	Upper
42	100		
74	129.9	101.4	152.2
44	11.2	7.6	11.4

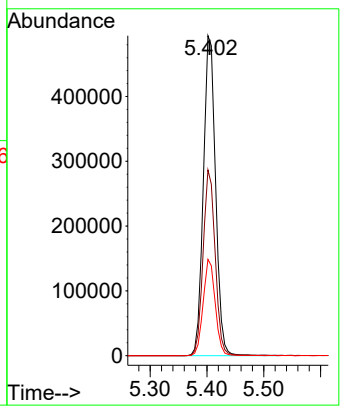




#5
2-Fluorophenol
Concen: 39.974 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:112 Resp: 73693

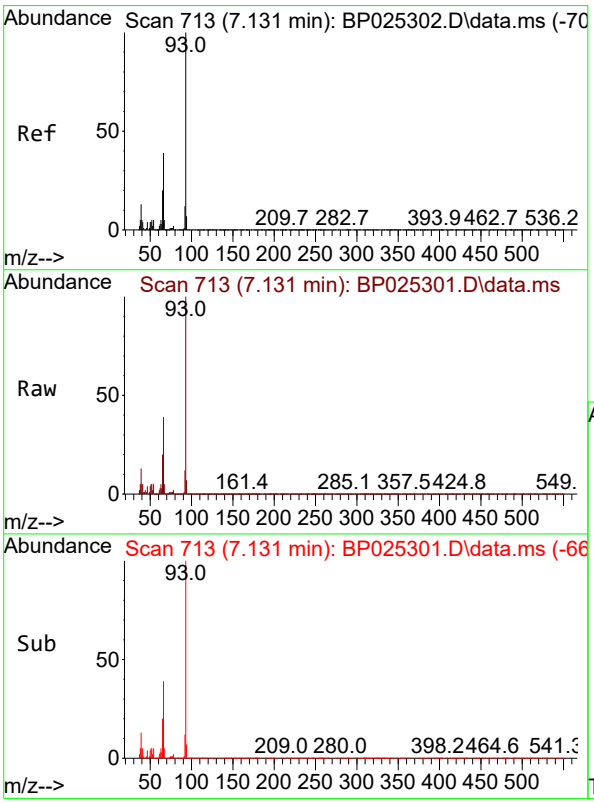
Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.3	67.9
63	30.1	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

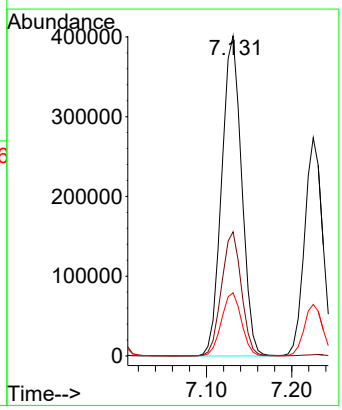
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

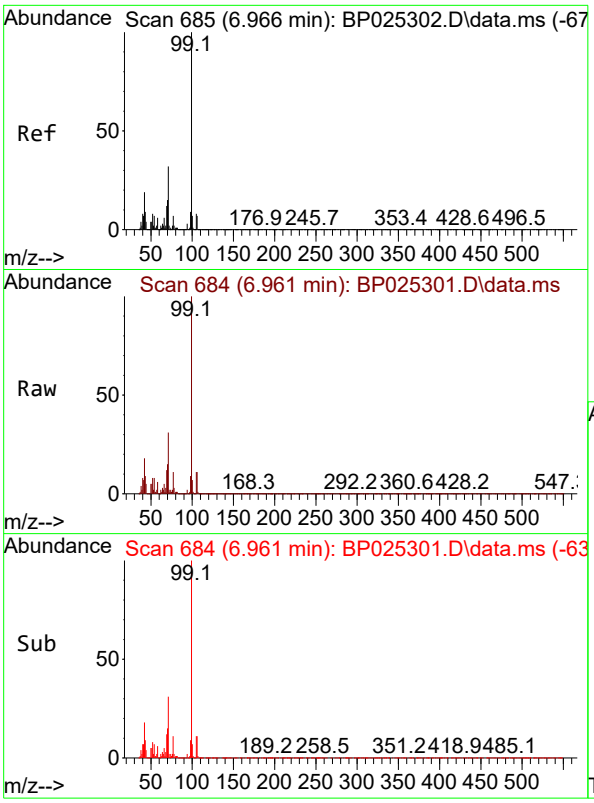


#6
Aniline
Concen: 19.660 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 650581

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.1	46.7
65	19.8	15.8	23.8

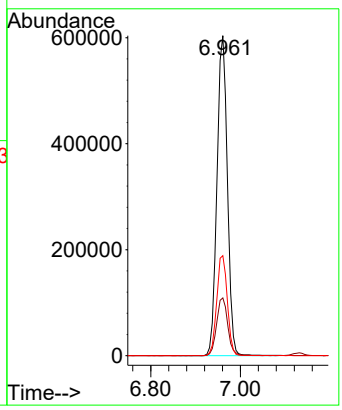




#7
Phenol-d6
Concen: 39.915 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 99 Resp: 97068

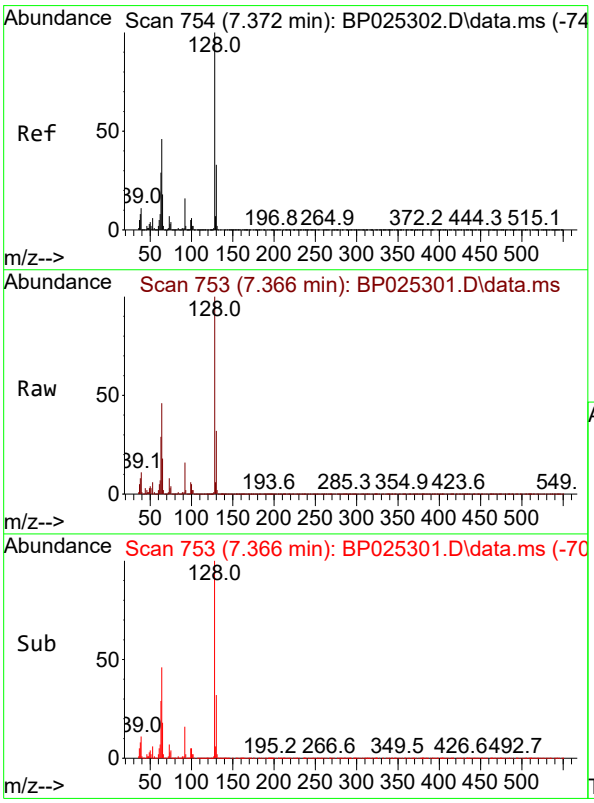
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.6
71	31.3	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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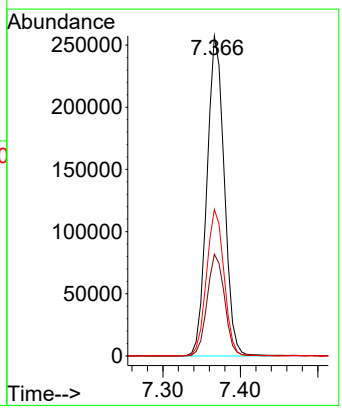
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

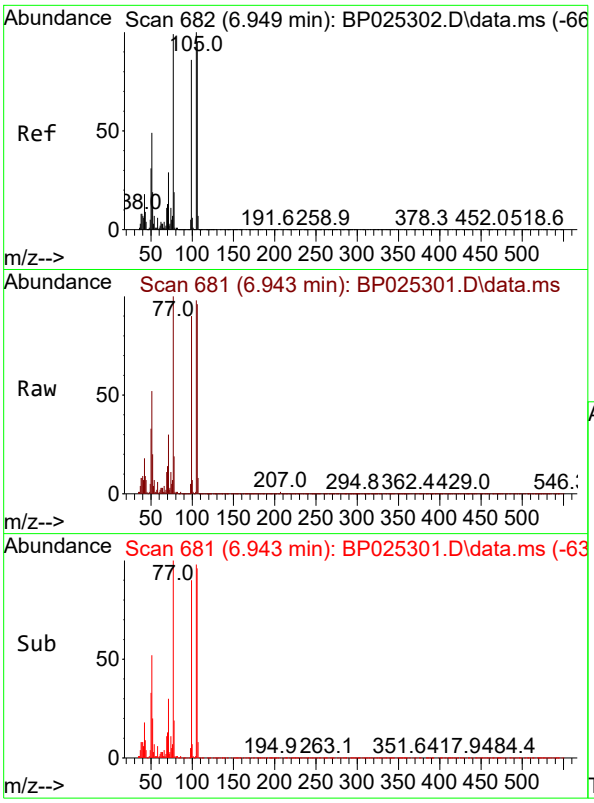


#8
2-Chlorophenol
Concen: 19.912 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:128 Resp: 399216

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.1	53.1
64	45.8	26.1	66.1

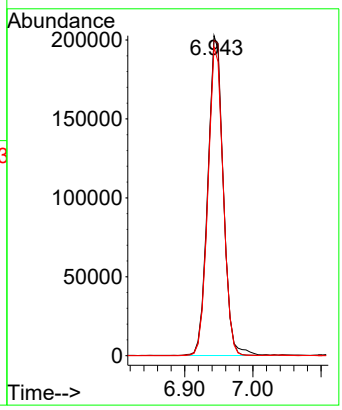




#9
Benzaldehyde
Concen: 18.633 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 31902

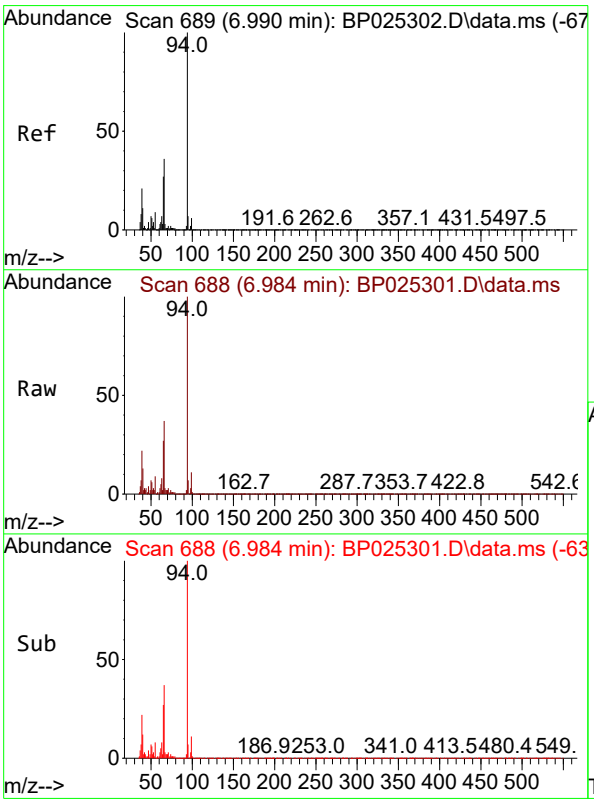
Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.4	121.4
106	96.4	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

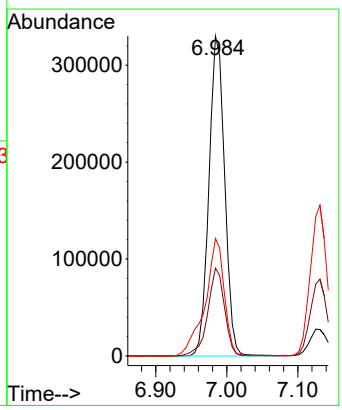
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

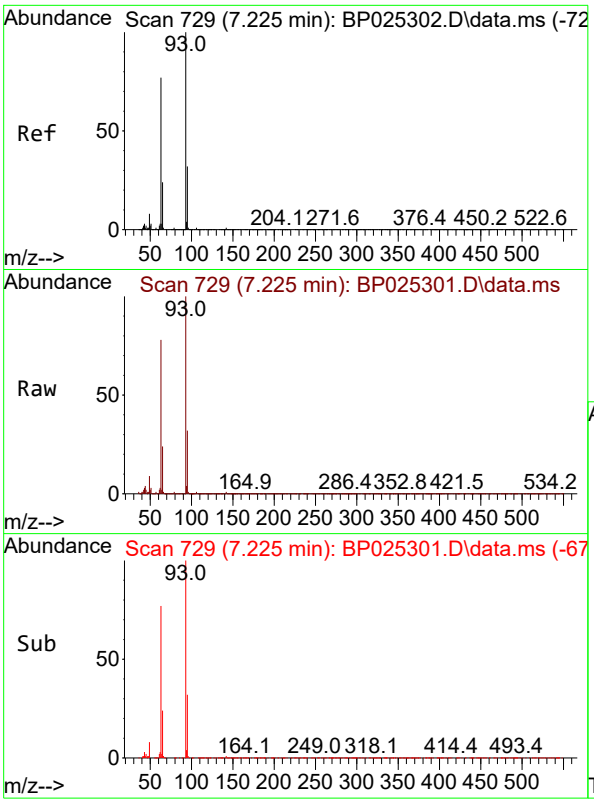


#10
Phenol
Concen: 19.736 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 94 Resp: 509021

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.3	47.3
66	36.7	15.7	55.7

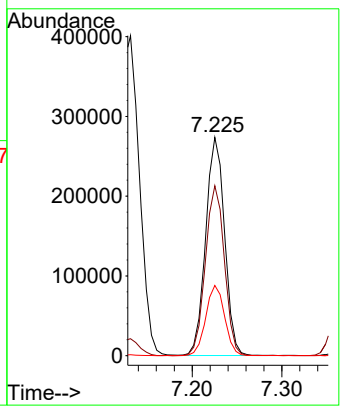




#11
bis(2-Chloroethyl)ether
Concen: 19.823 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 40060

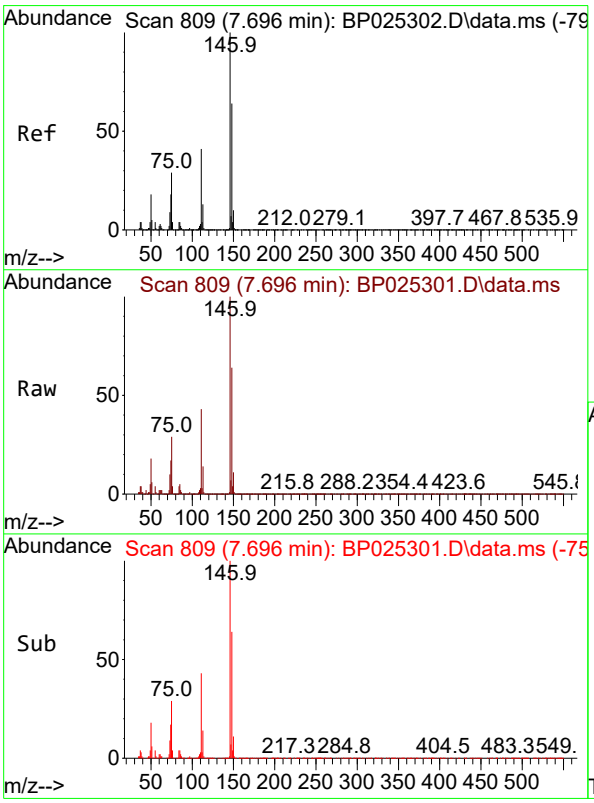
Ion	Ratio	Lower	Upper
93	100		
63	77.8	57.0	97.0
95	32.2	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

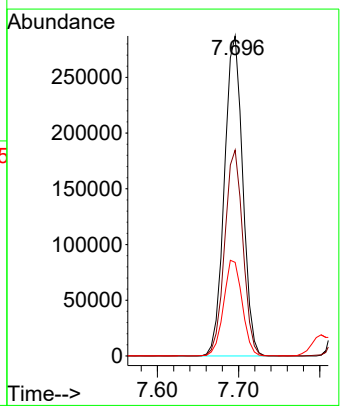
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

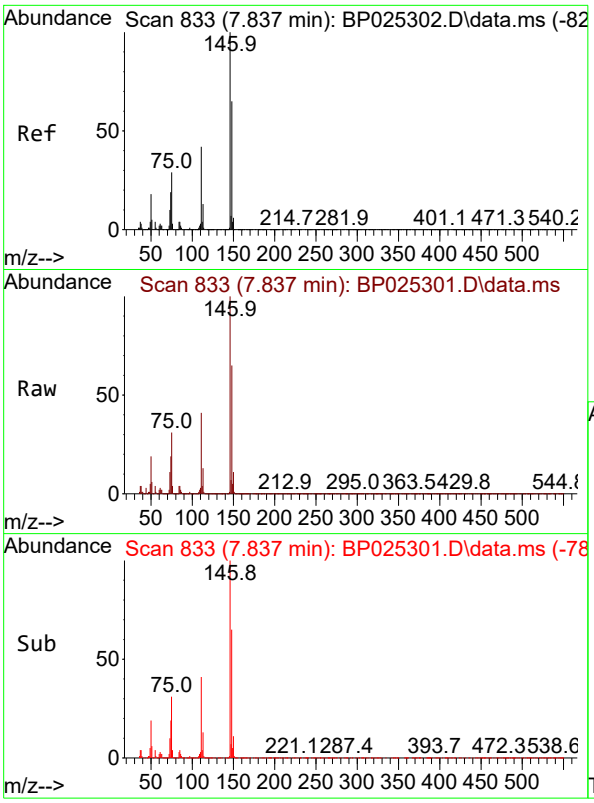


#12
1,3-Dichlorobenzene
Concen: 19.955 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 449548

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
75	29.3	23.2	34.8

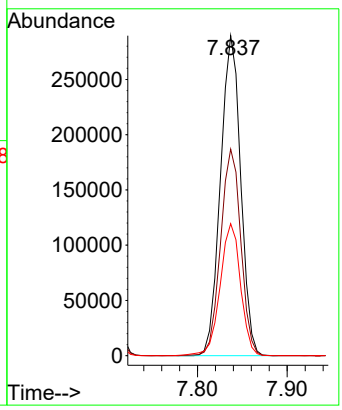




#13
1,4-Dichlorobenzene
Concen: 19.856 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 45255

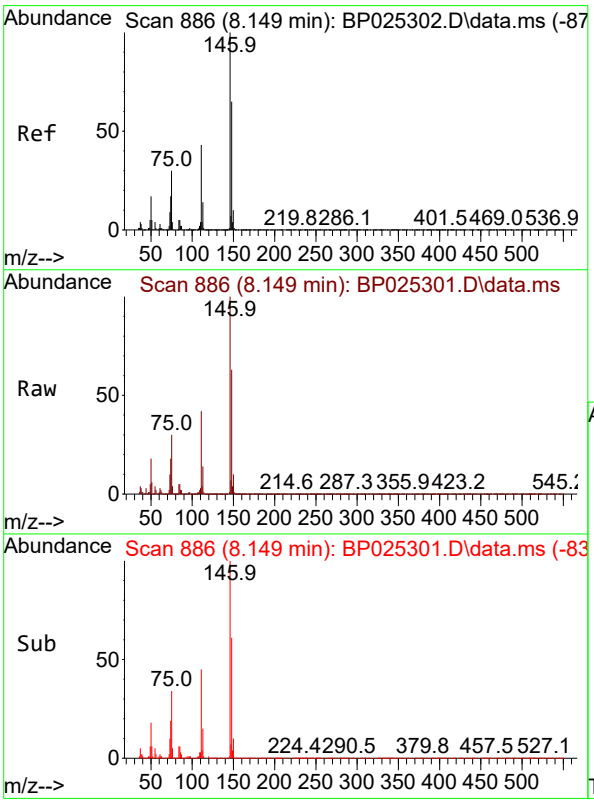
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.3	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

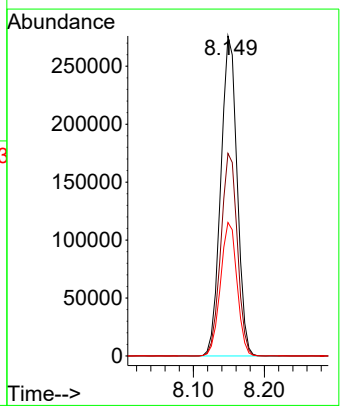
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

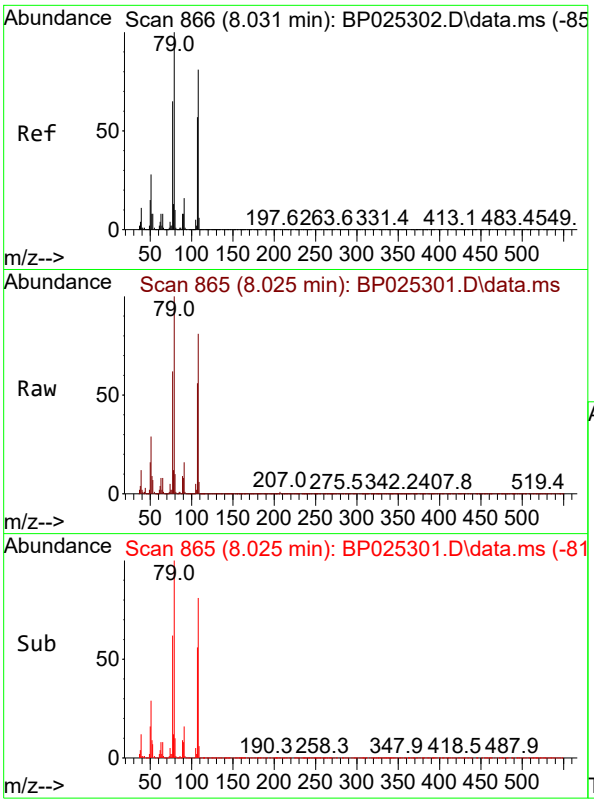


#14
1,2-Dichlorobenzene
Concen: 19.885 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 439038

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	41.7	34.4	51.6

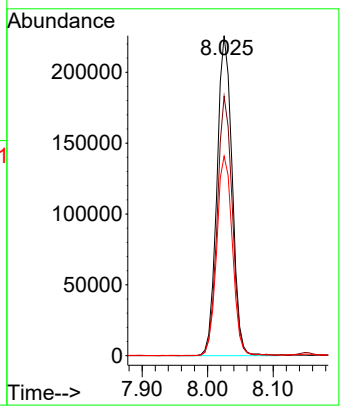




#15
Benzyl Alcohol
Concen: 19.383 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 79 Resp: 36218

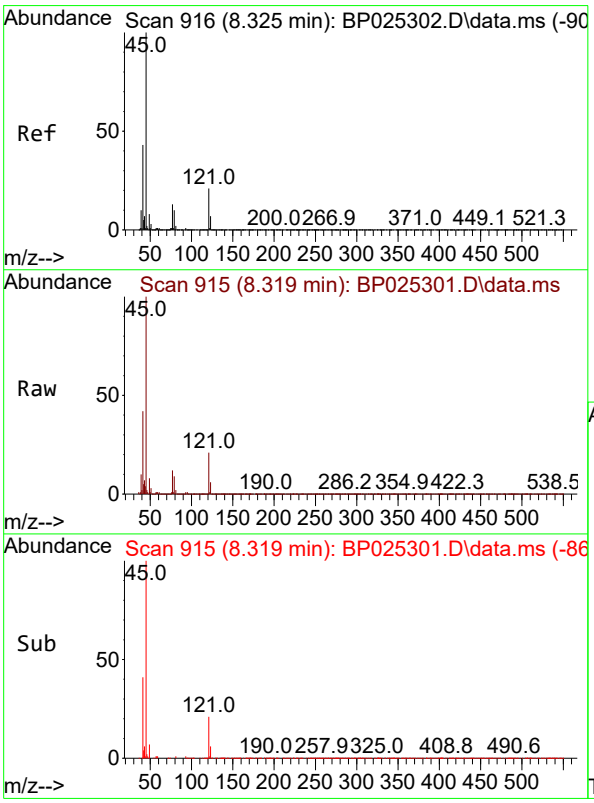
Ion	Ratio	Lower	Upper
79	100		
108	81.1	64.5	96.7
77	62.3	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

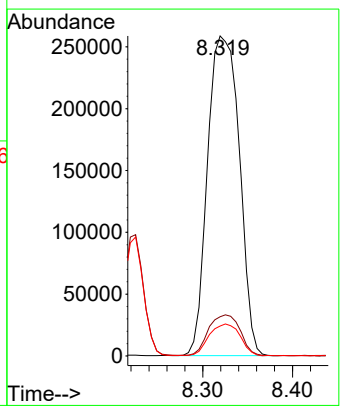
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

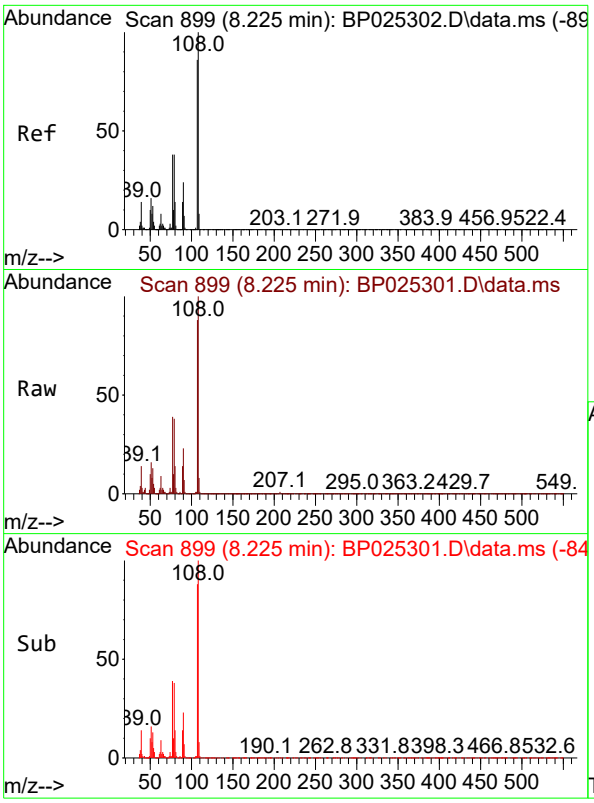


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.920 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 45 Resp: 635912

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	33.0
79	9.3	0.0	29.8

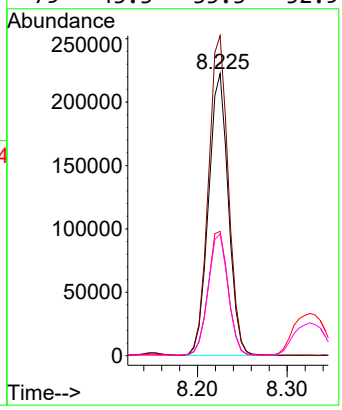




#17
2-Methylphenol
Concen: 19.724 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 34040

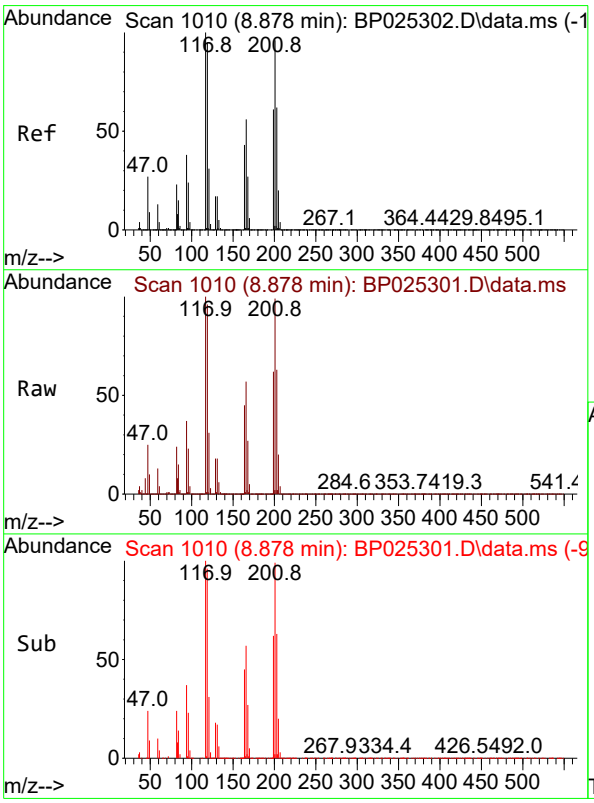
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.6	139.0
77	44.1	35.4	53.2
79	43.3	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

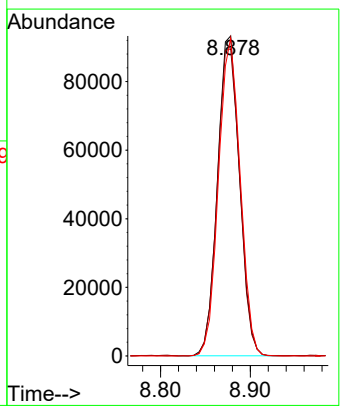
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

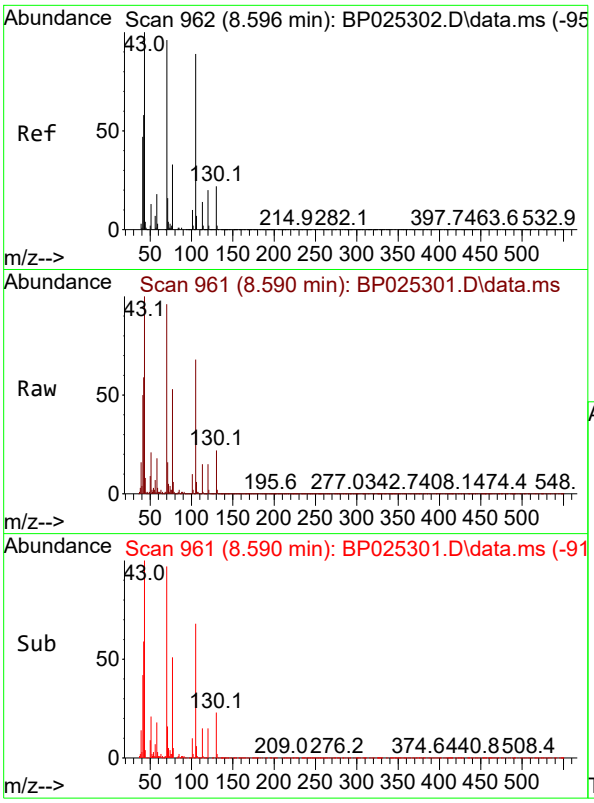


#18
Hexachloroethane
Concen: 19.501 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:117 Resp: 158949

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	99.3	76.6	114.8

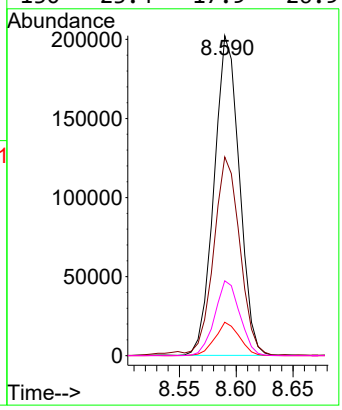




#19
n-Nitroso-di-n-propylamine
Concen: 19.754 ng
RT: 8.590 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 70 Resp: 31286

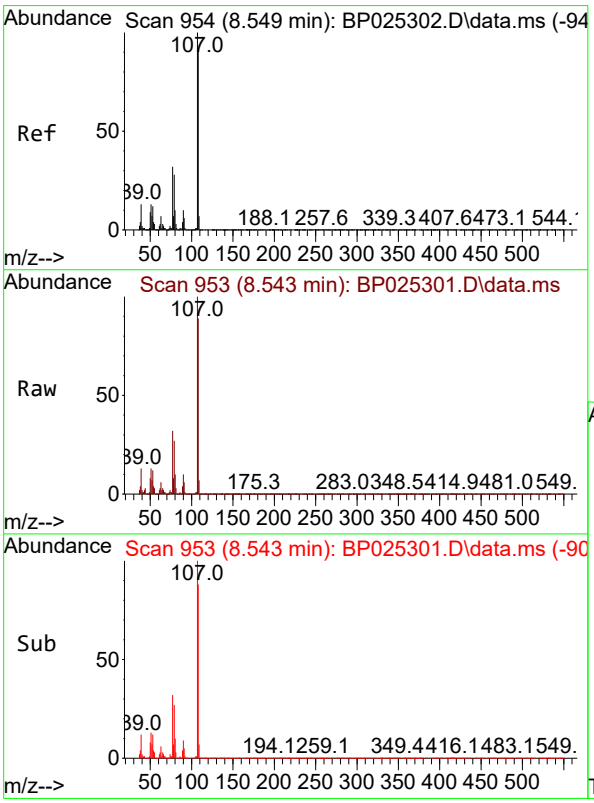
Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.4	74.0
101	10.5	7.9	11.9
130	23.4	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

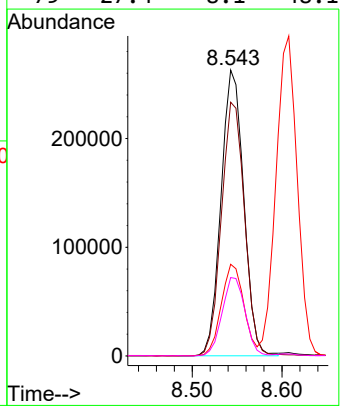
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

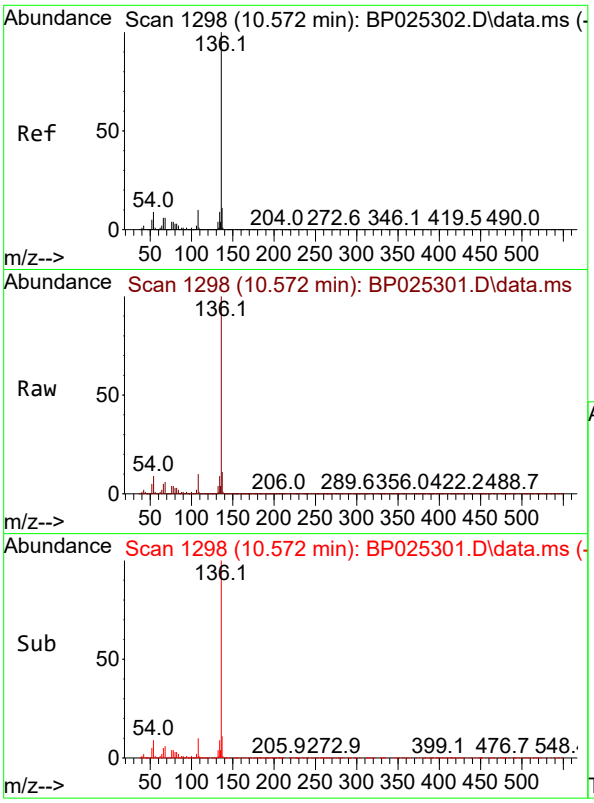


#20
3+4-Methylphenols
Concen: 19.418 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 461472

Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.9	111.9
77	32.1	12.0	52.0
79	27.4	8.1	48.1

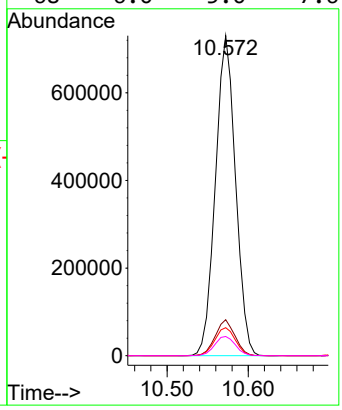




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:136 Resp: 125725

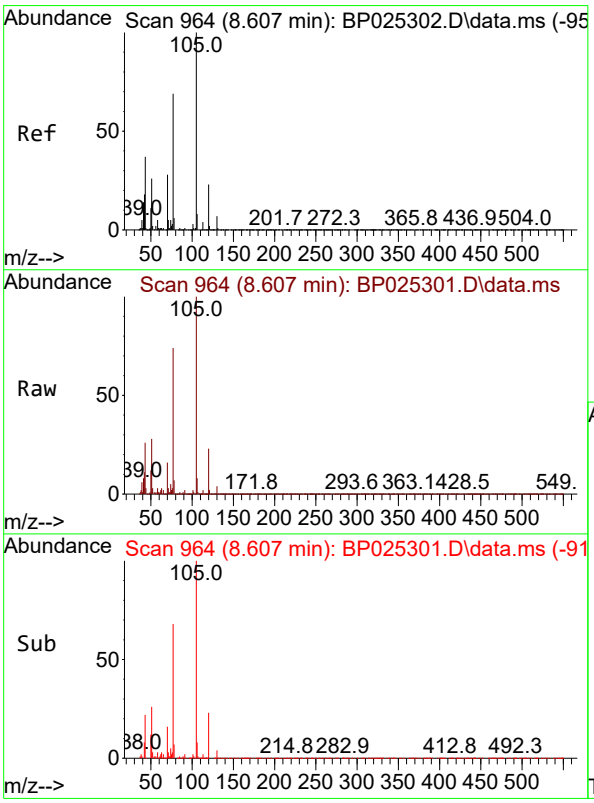
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	7.0	10.6
68	6.0	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

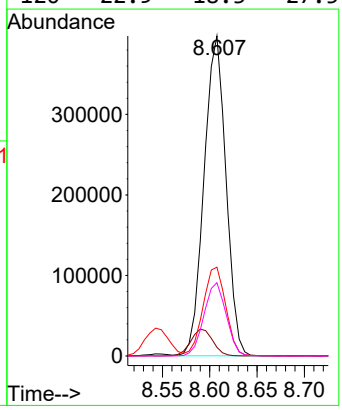
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

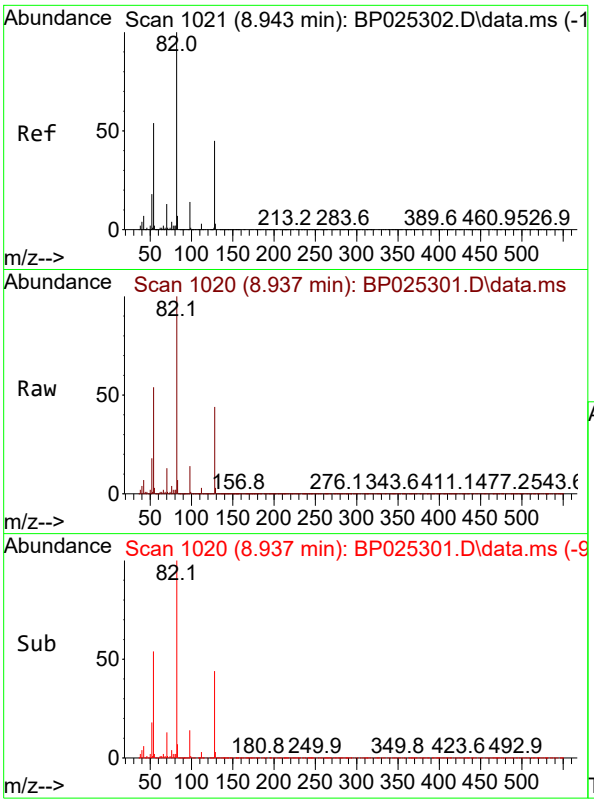


#22
Acetophenone
Concen: 20.296 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:105 Resp: 640590

Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.1	6.1#
51	27.8	22.7	34.1
120	22.9	18.3	27.5

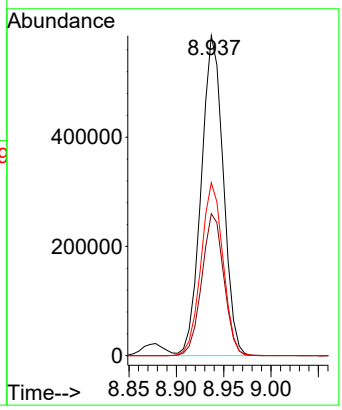




#23
Nitrobenzene-d5
Concen: 40.616 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 82 Resp: 94379

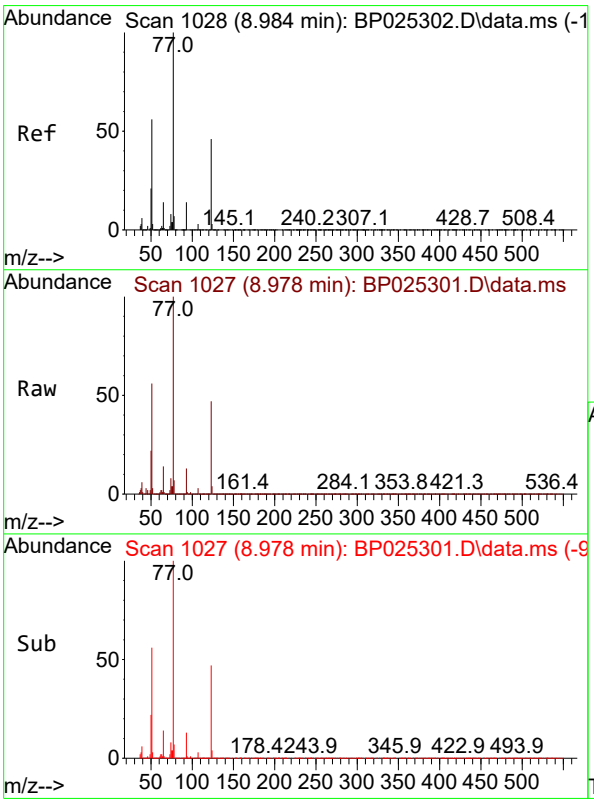
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.4	53.2
54	54.1	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

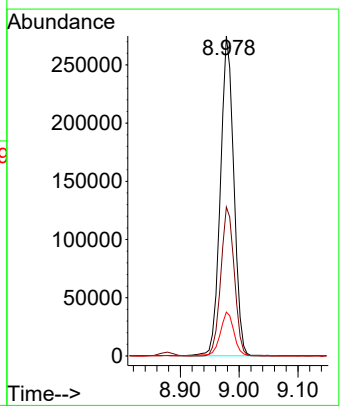
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

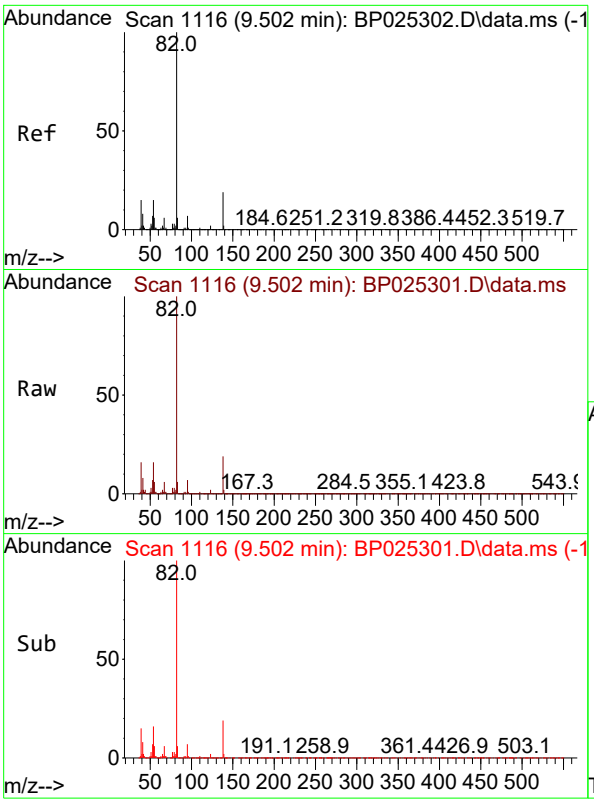


#24
Nitrobenzene
Concen: 20.293 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 435932

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.4	56.2
65	13.7	11.1	16.7

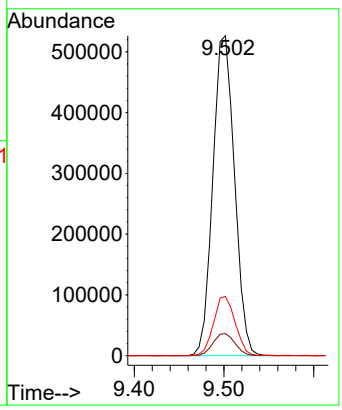




#25
Isophorone
Concen: 19.534 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 82 Resp: 88239

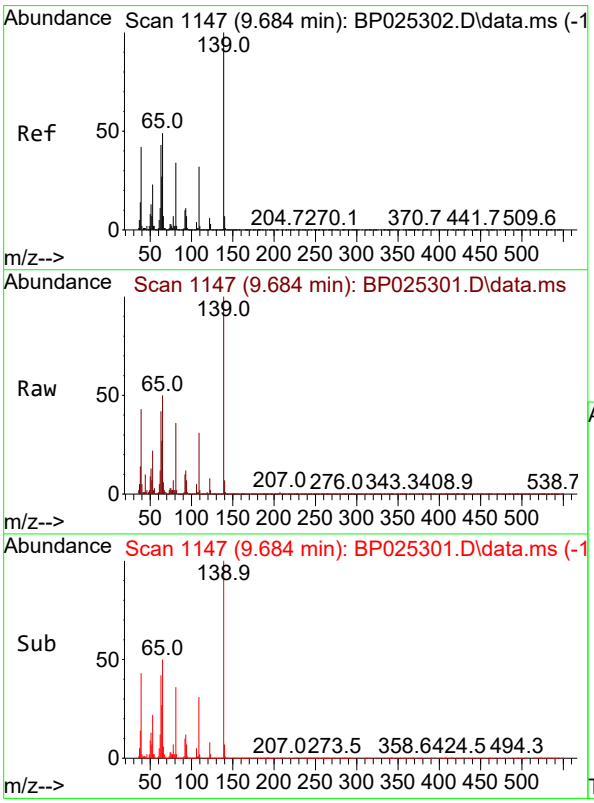
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	18.5	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

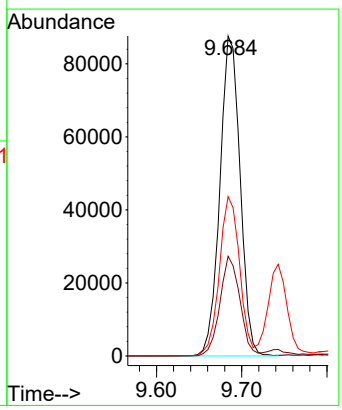
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

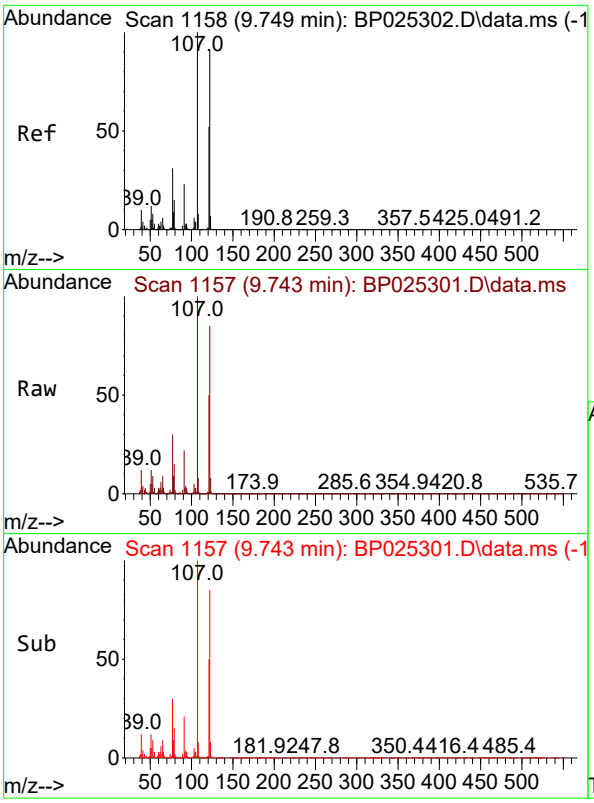


#26
2-Nitrophenol
Concen: 17.898 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:139 Resp: 144380

Ion	Ratio	Lower	Upper
139	100		
109	31.2	25.2	37.8
65	49.8	39.6	59.4

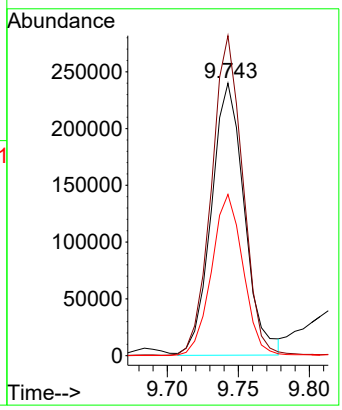




#27
2,4-Dimethylphenol
Concen: 18.591 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:122 Resp: 38718

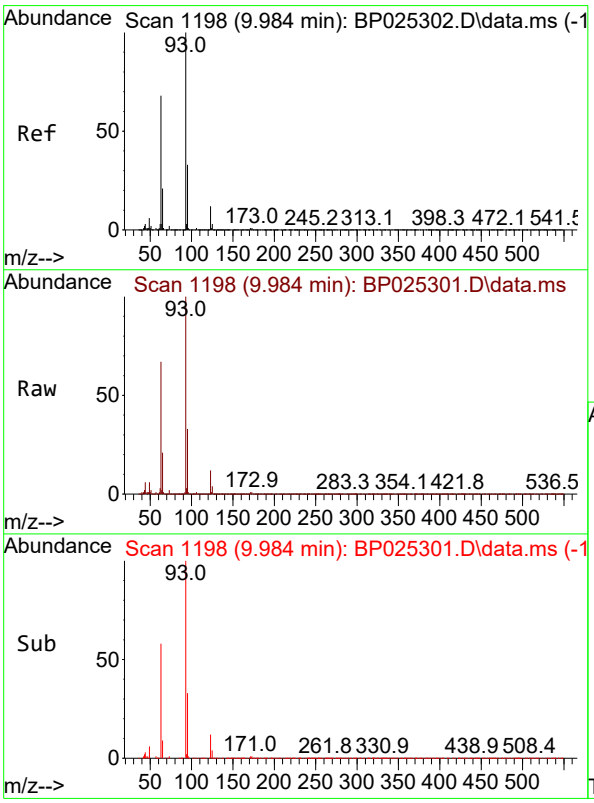
Ion	Ratio	Lower	Upper
122	100		
107	117.4	87.4	131.0
121	59.2	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

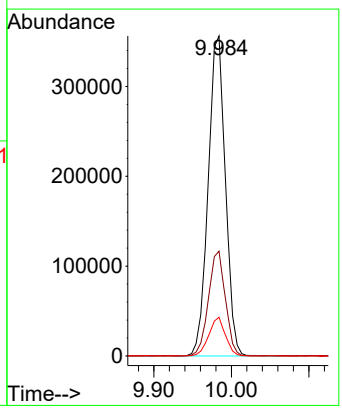
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

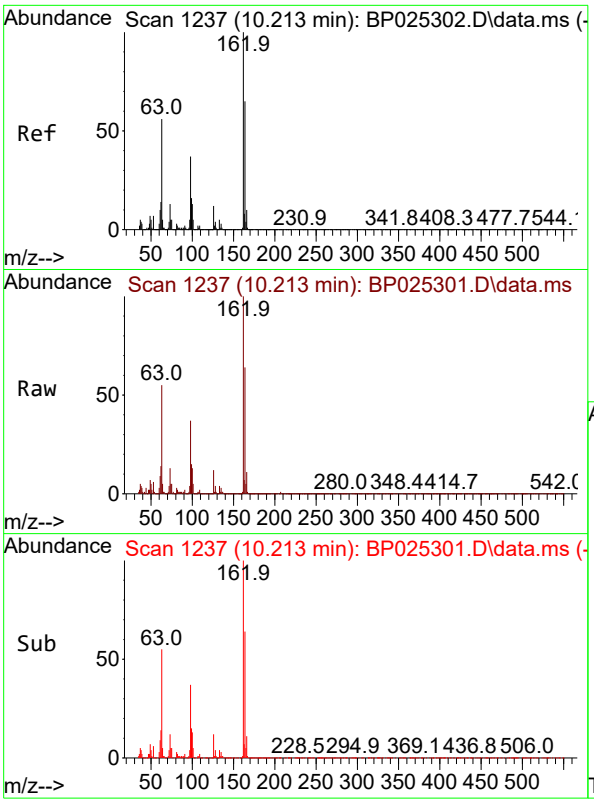


#28
bis(2-Chloroethoxy)methane
Concen: 19.991 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 549341

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.1	9.4	14.2

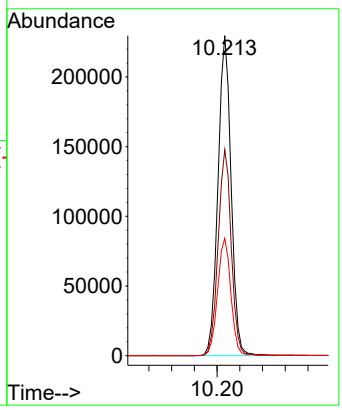




#29
2,4-Dichlorophenol
Concen: 20.210 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:162 Resp: 36849

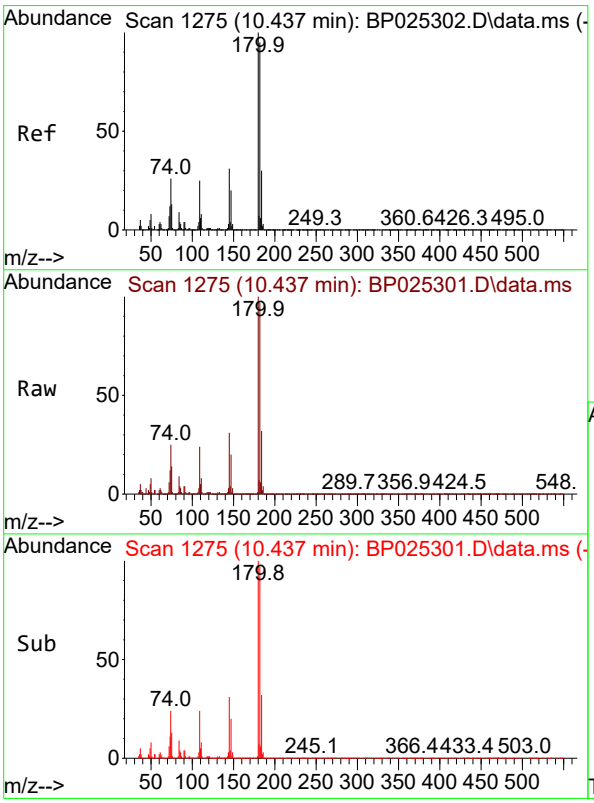
Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	36.6	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

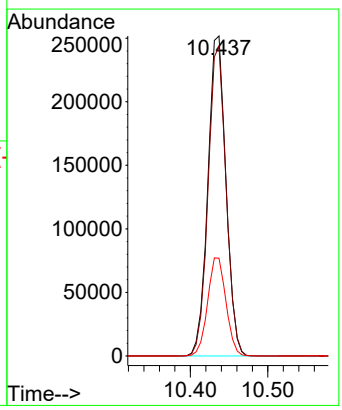
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

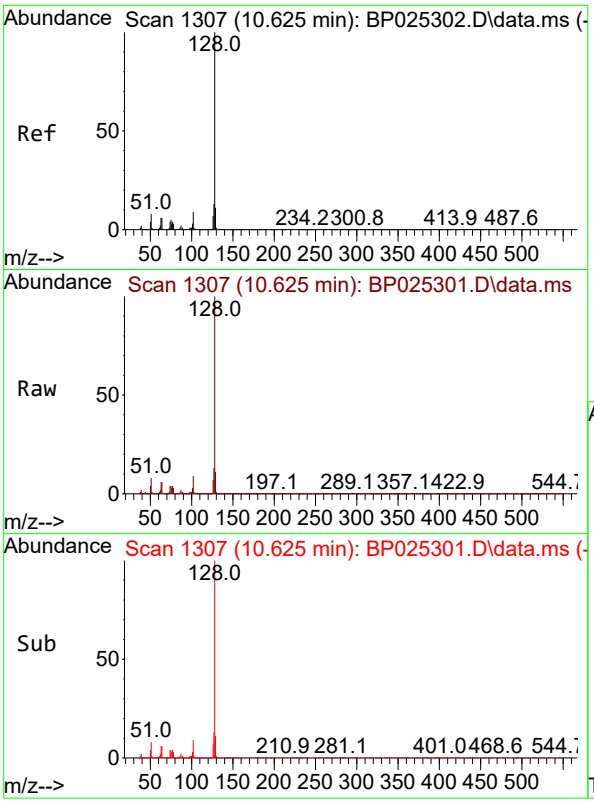


#30
1,2,4-Trichlorobenzene
Concen: 20.272 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:180 Resp: 407796

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	30.5	25.0	37.4

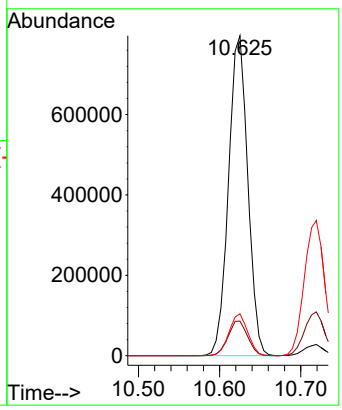




#31
Naphthalene
Concen: 20.119 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:128 Resp: 131311

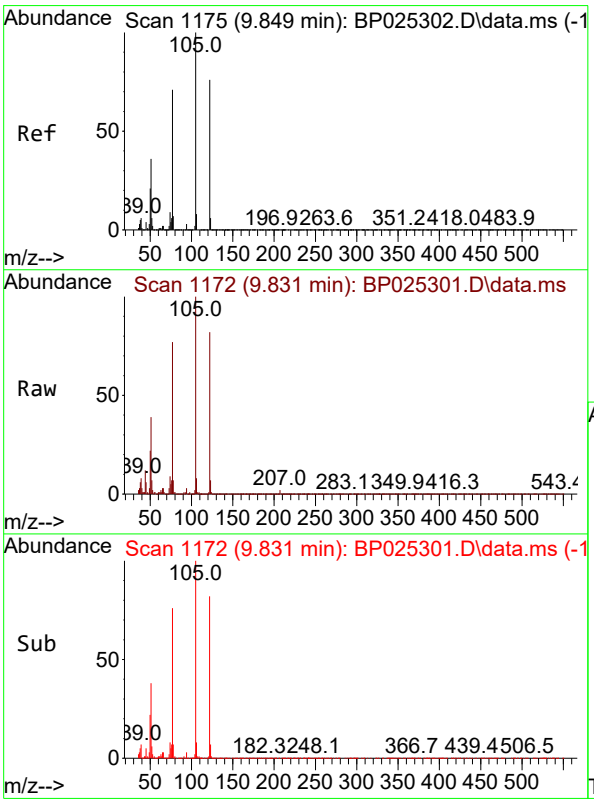
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

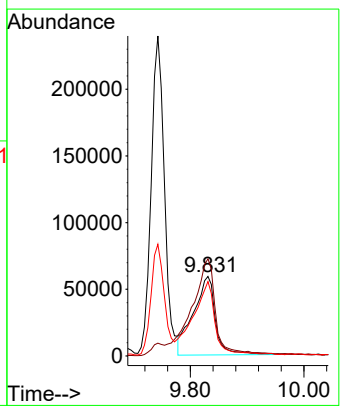
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

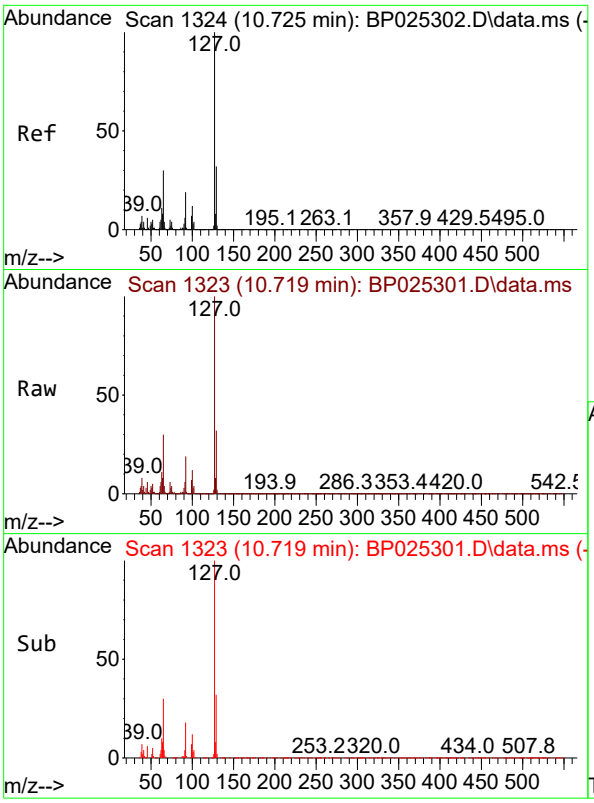


#32
Benzoic acid
Concen: 19.976 ng
RT: 9.831 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:122 Resp: 159597

Ion	Ratio	Lower	Upper
122	100		
105	122.2	104.0	144.0
77	93.5	71.8	111.8

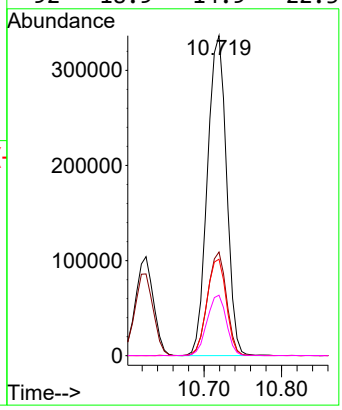




#33
4-Chloroaniline
Concen: 19.913 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:127 Resp: 57803

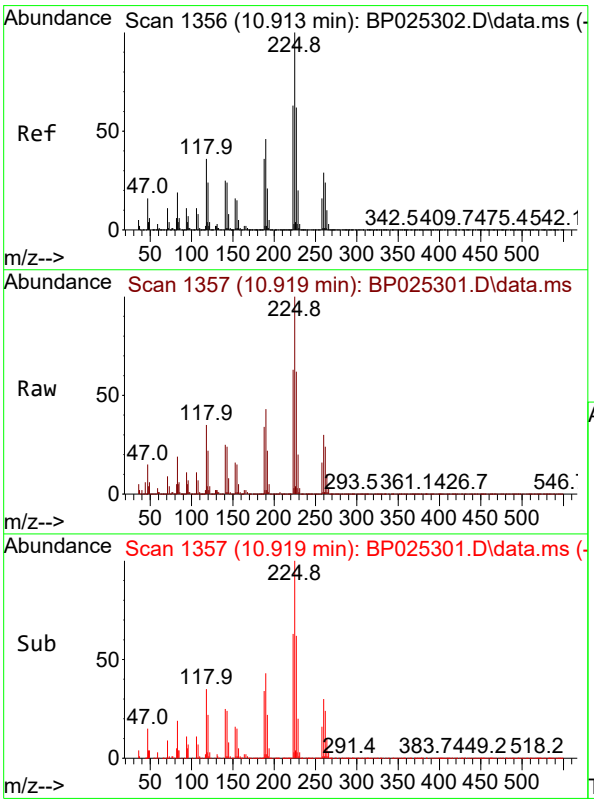
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	30.2	23.6	35.4
92	18.9	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

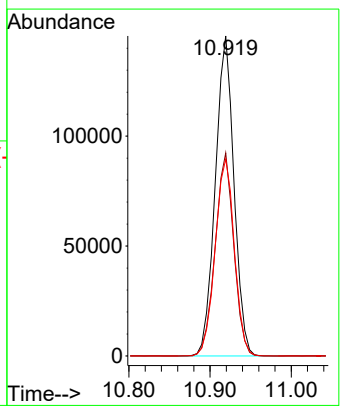
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

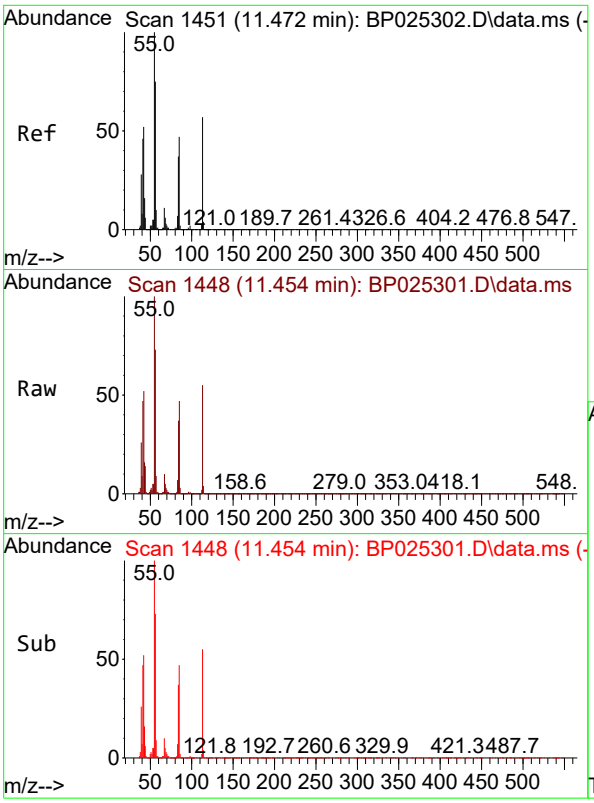


#34
Hexachlorobutadiene
Concen: 20.177 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:225 Resp: 232981

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	61.5	49.7	74.5

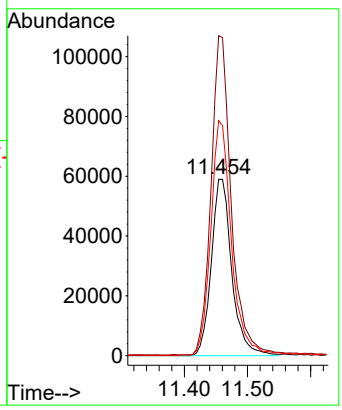




#35
Caprolactam
Concen: 18.704 ng
RT: 11.454 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:113 Resp: 13259

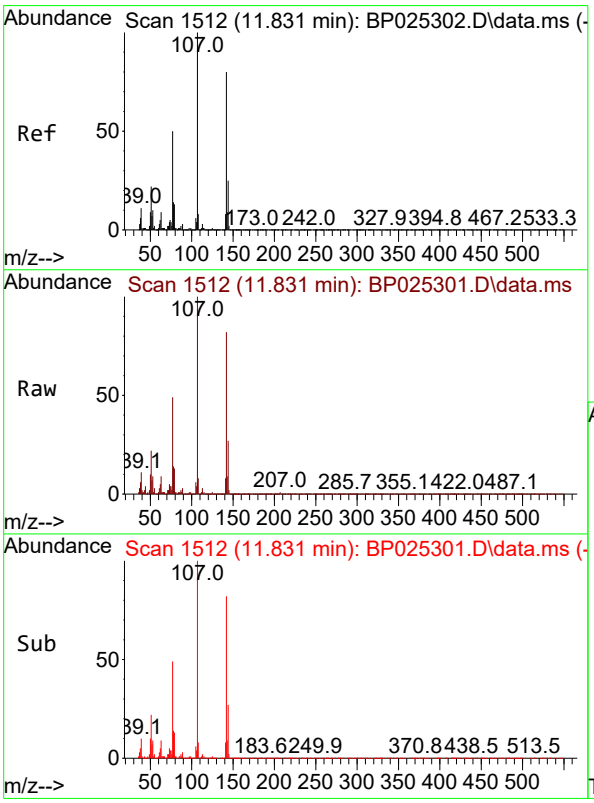
Ion	Ratio	Lower	Upper
113	100		
55	181.3	154.4	194.4
56	133.2	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

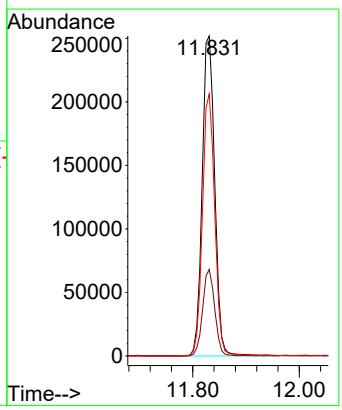
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

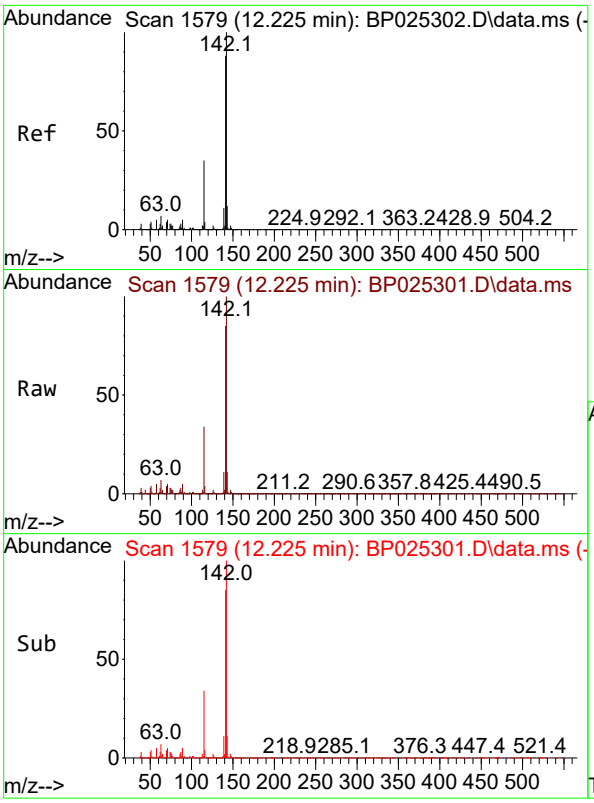


#36
4-Chloro-3-methylphenol
Concen: 19.468 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 410728

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.4	30.6
142	81.9	63.7	95.5

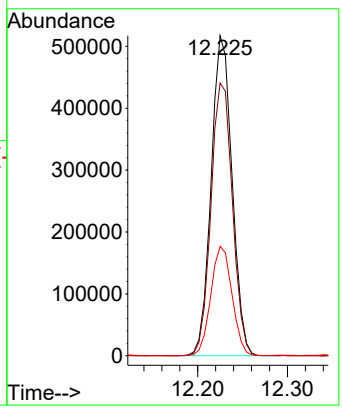




#37
2-Methylnaphthalene
Concen: 19.794 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:142 Resp: 83618

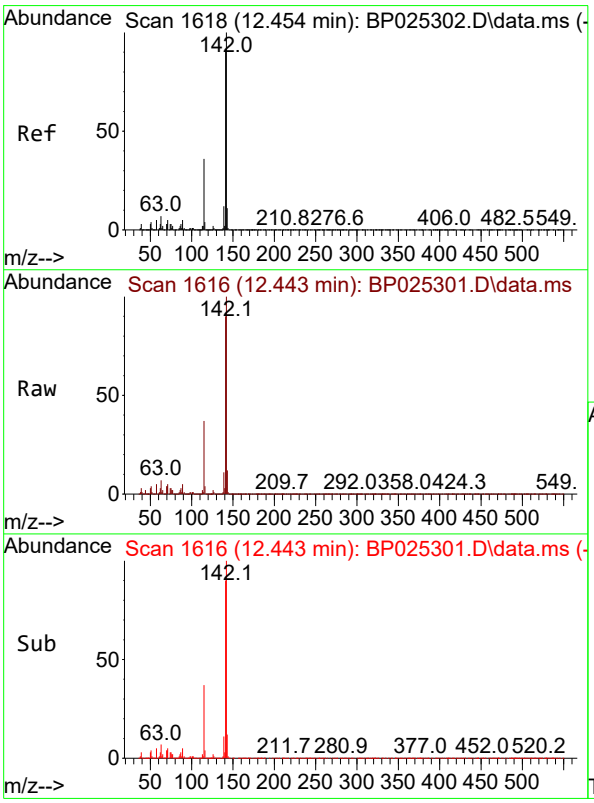
Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.4	105.6
115	34.2	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

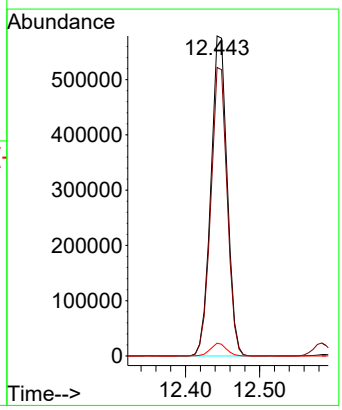
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

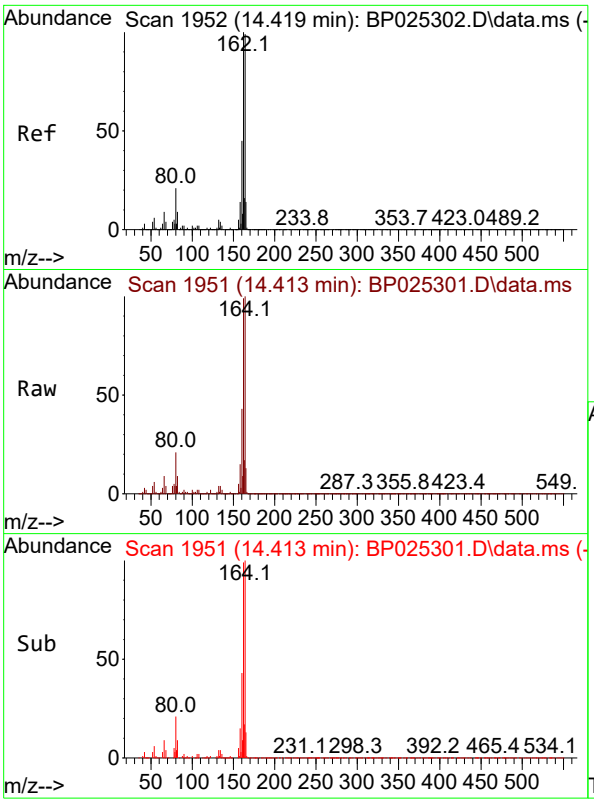


#38
1-Methylnaphthalene
Concen: 20.058 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:142 Resp: 884130

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	4.0	3.0	4.6

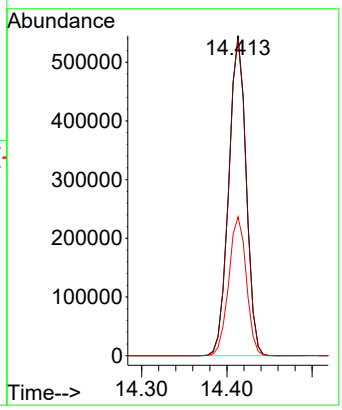




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:164 Resp: 77274

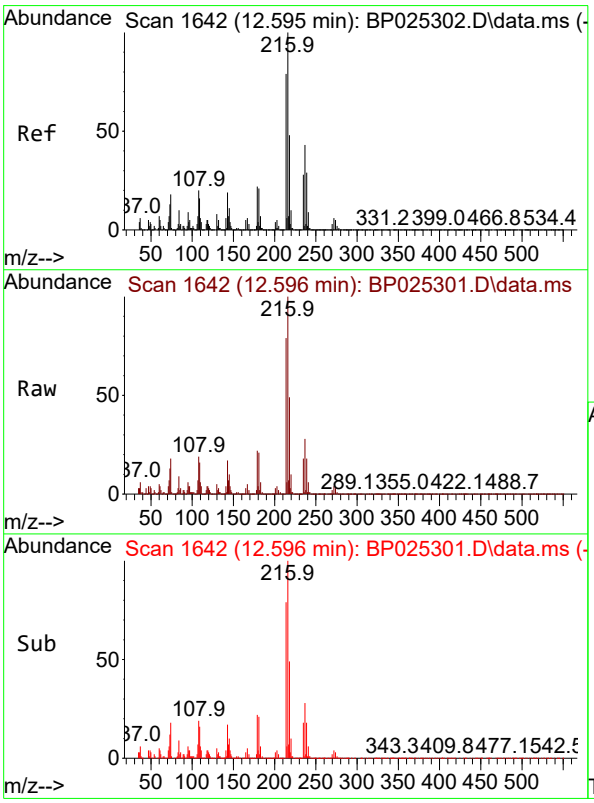
Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	43.4	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

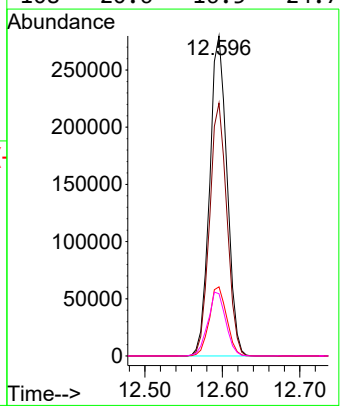
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

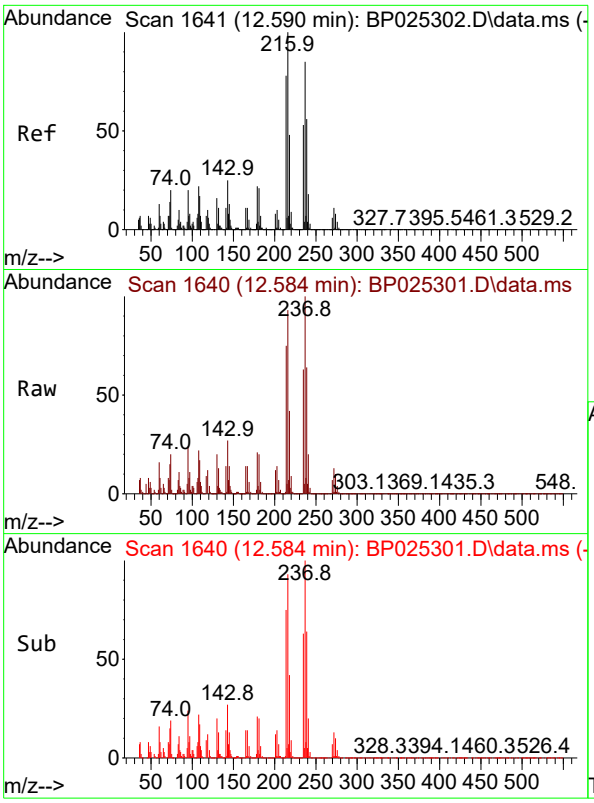


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.666 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:216 Resp: 435991

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	21.7	17.5	26.3
108	20.6	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 19.234 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

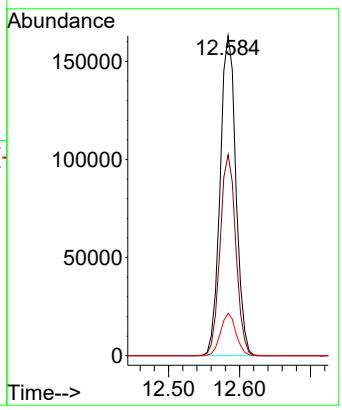
Tgt Ion:237 Resp: 25044

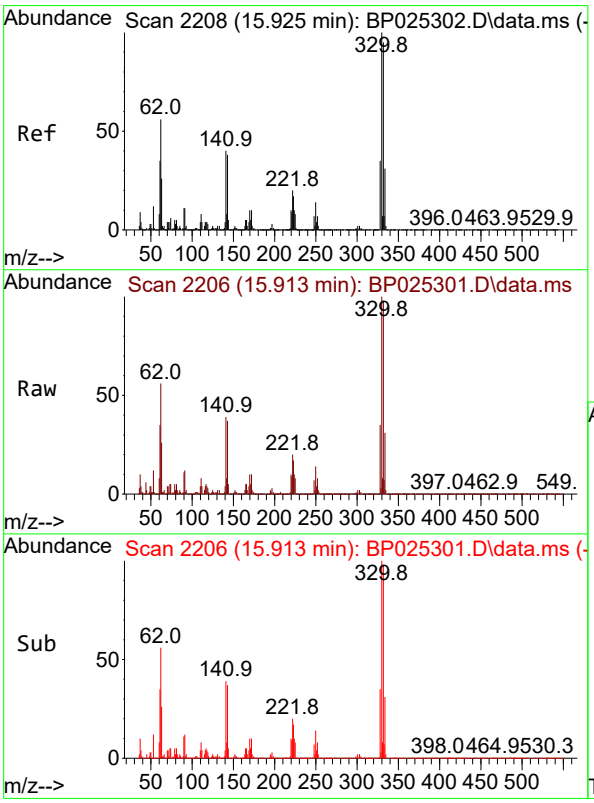
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.2	82.2
272	13.2	0.0	32.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

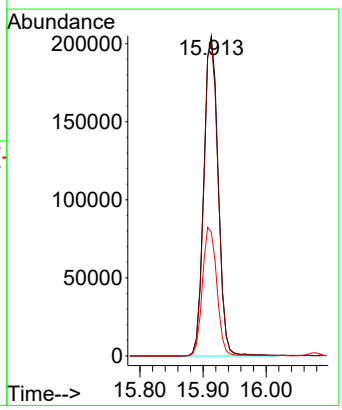


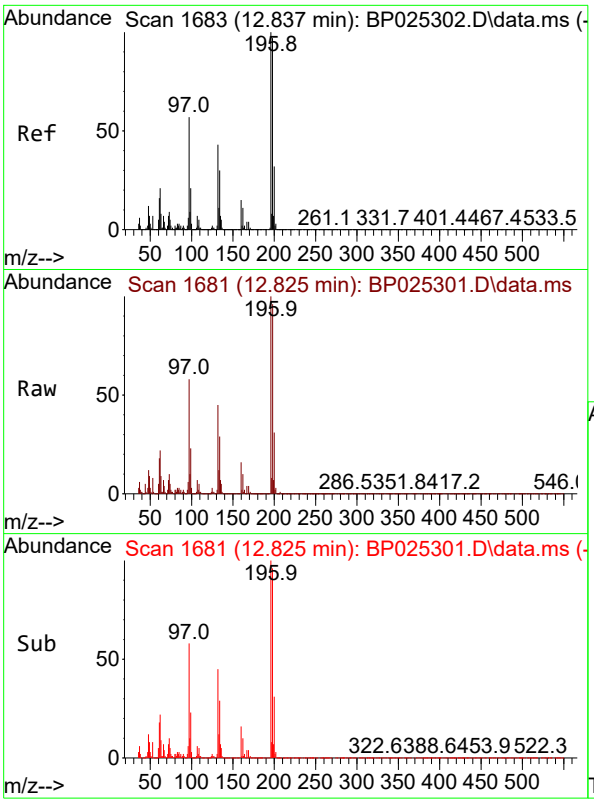


#42
2,4,6-Tribromophenol
Concen: 40.747 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:330 Resp: 325099

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	40.2	31.7	47.5

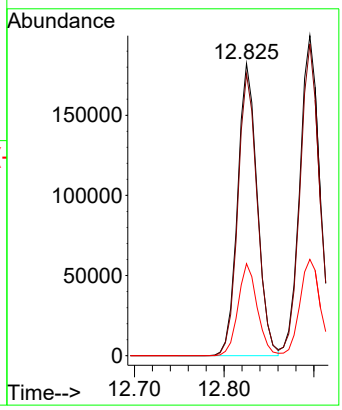




#43
2,4,6-Trichlorophenol
Concen: 20.330 ng
RT: 12.825 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:196 Resp: 27707

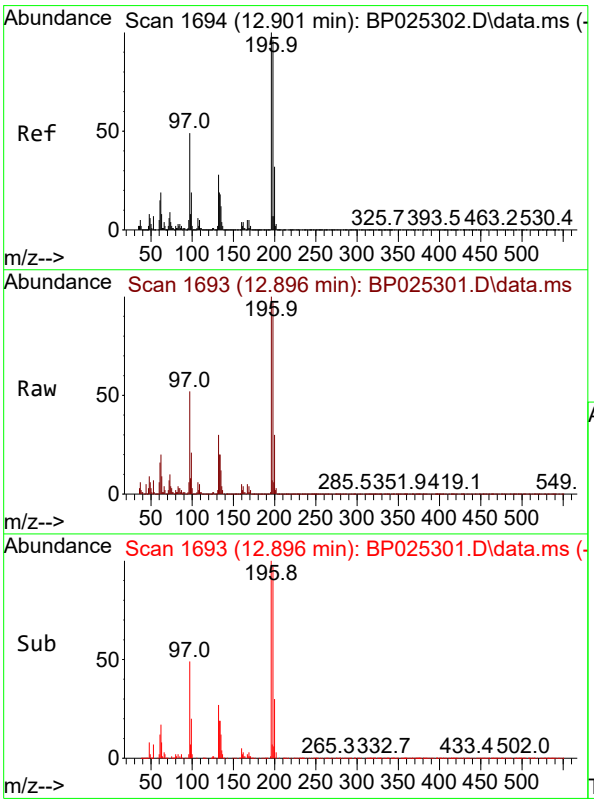
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
200	31.5	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

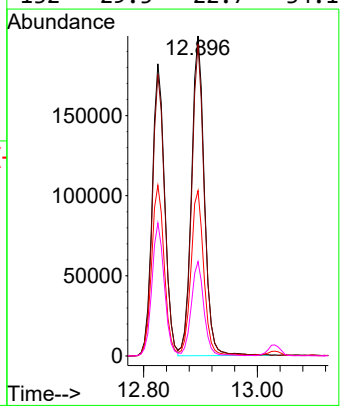
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

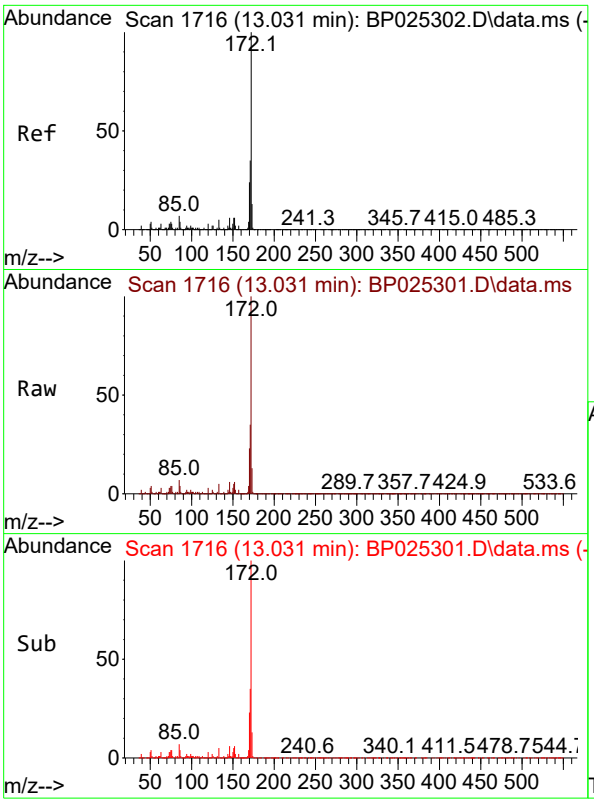


#44
2,4,5-Trichlorophenol
Concen: 20.622 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:196 Resp: 315277

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	114.8
97	51.7	39.5	59.3
132	29.5	22.7	34.1

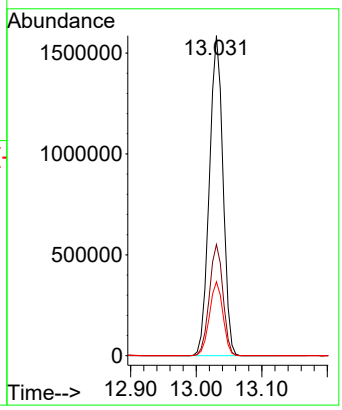




#45
2-Fluorobiphenyl
Concen: 41.076 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:172 Resp: 228583

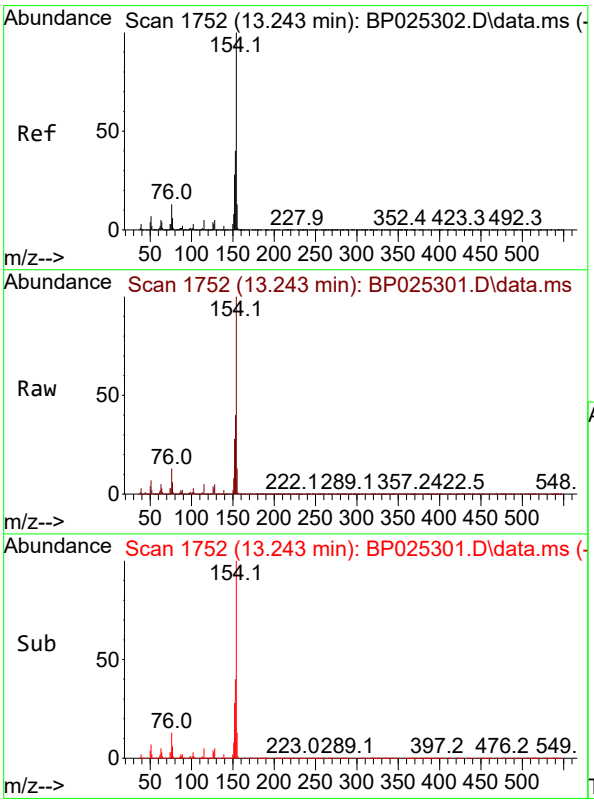
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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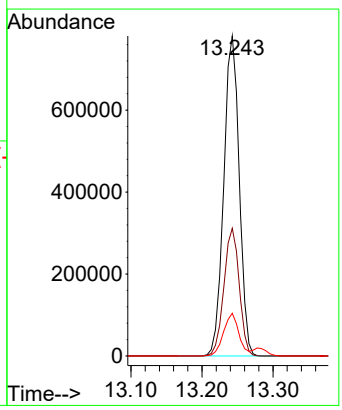
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

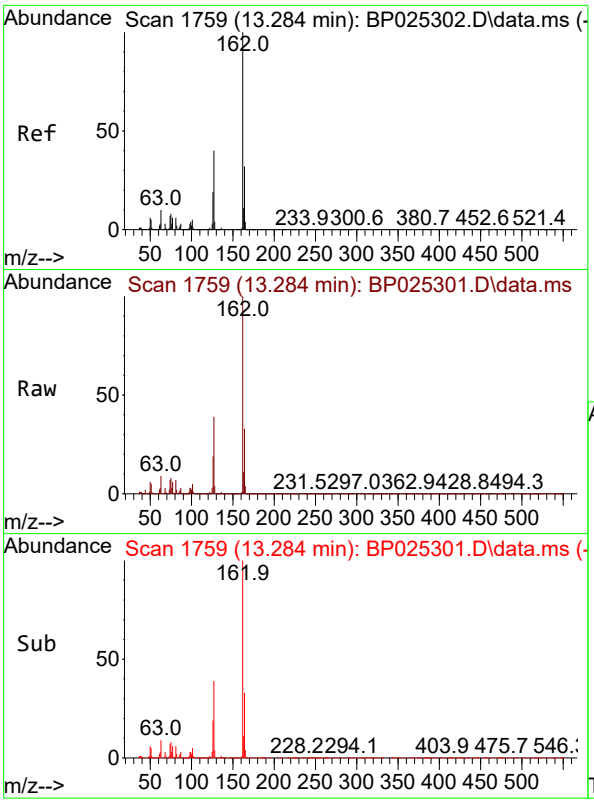


#46
1,1'-Biphenyl
Concen: 20.684 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:154 Resp: 1177906

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.3	0.0	33.2

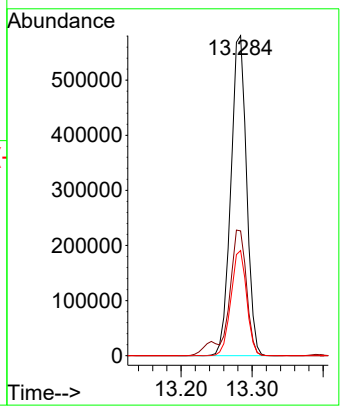




#47
2-Chloronaphthalene
Concen: 20.570 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:162 Resp: 89370

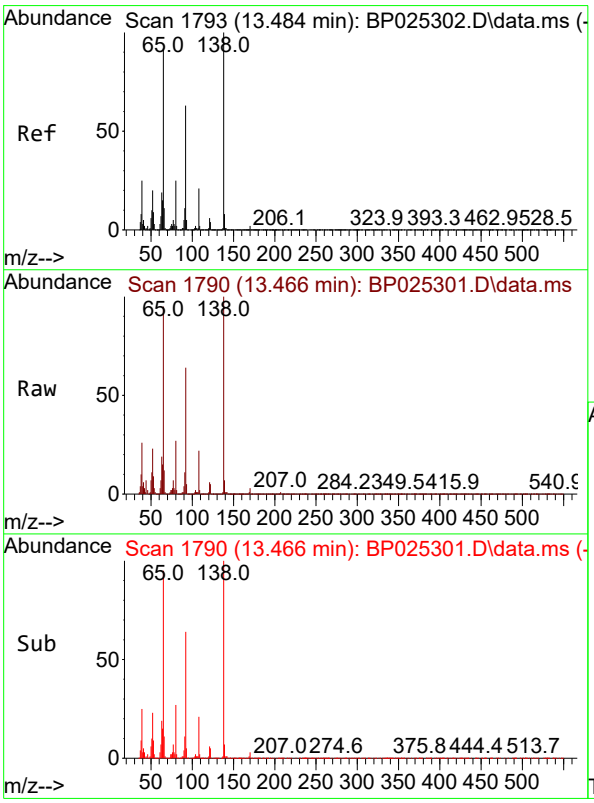
Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.2
164	32.8	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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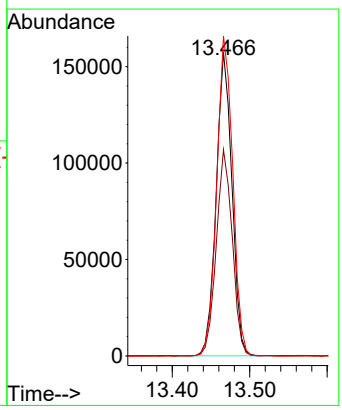
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

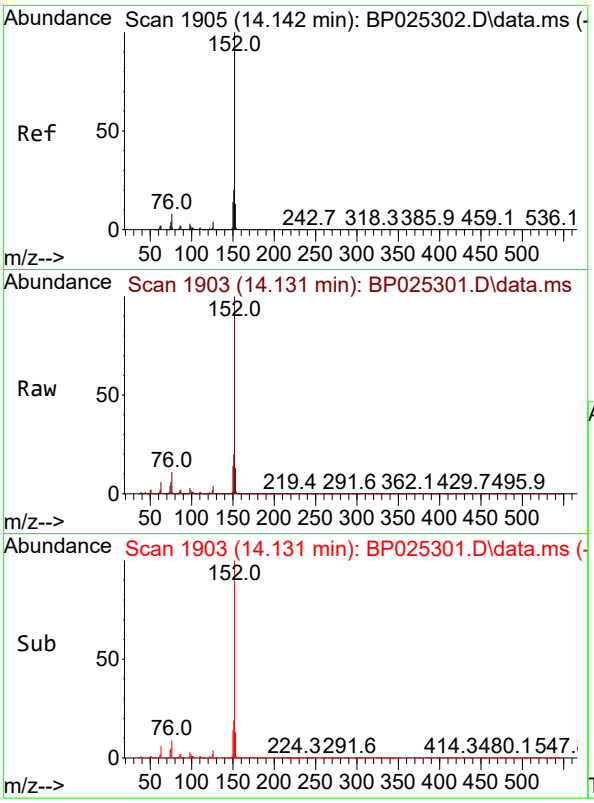


#48
2-Nitroaniline
Concen: 19.318 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 65 Resp: 221835

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.4	81.6
138	105.4	87.0	130.4

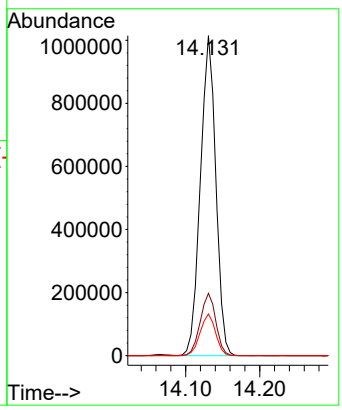




#49
Acenaphthylene
Concen: 20.274 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:152 Resp: 146927

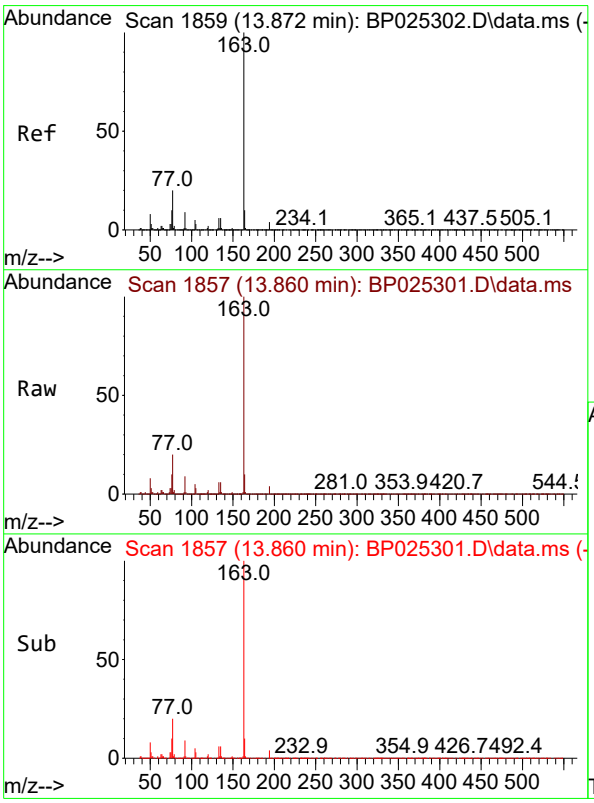
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

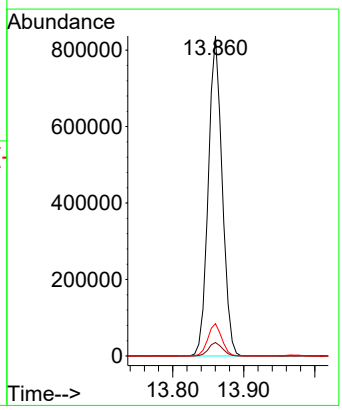
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

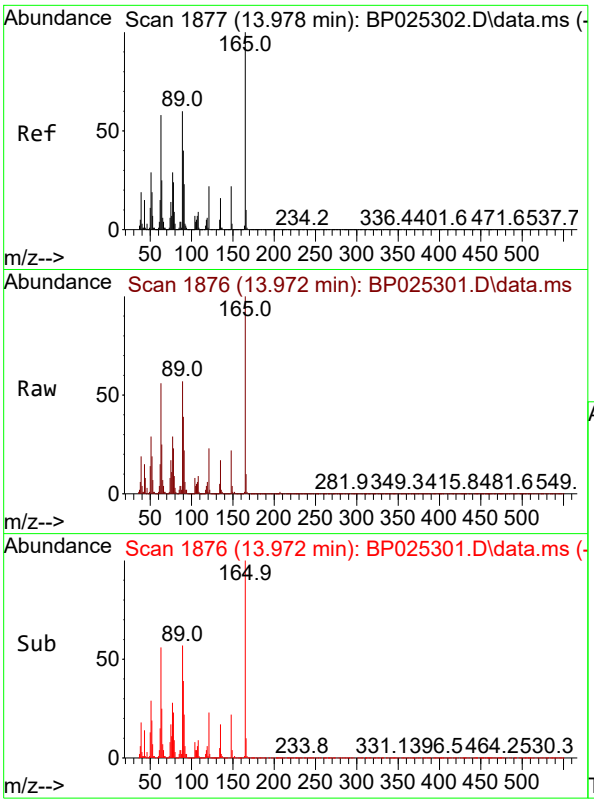


#50
Dimethylphthalate
Concen: 20.169 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:163 Resp: 1136145

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 20.669 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

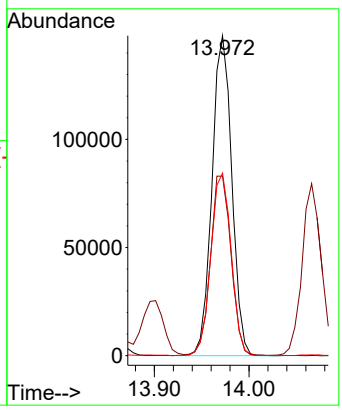
Tgt Ion:165 Resp: 21476

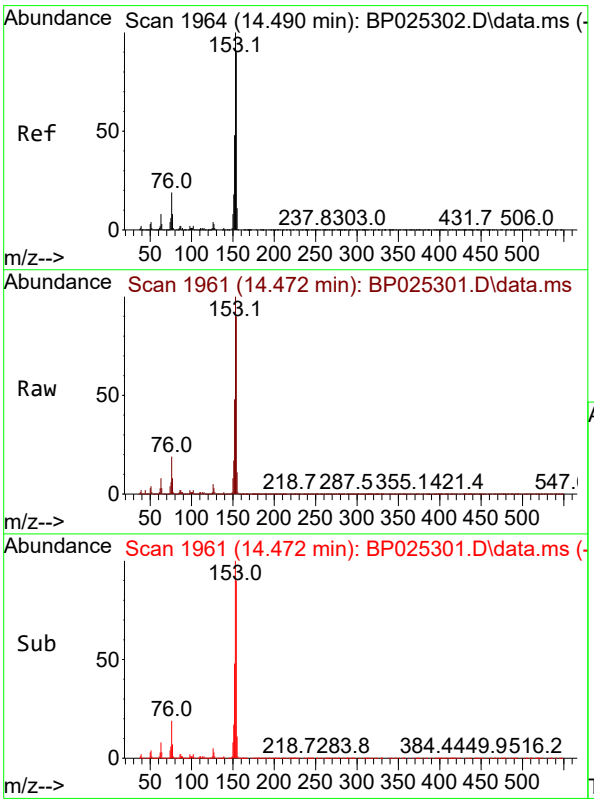
Ion	Ratio	Lower	Upper
165	100		
63	56.1	47.6	71.4
89	57.1	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

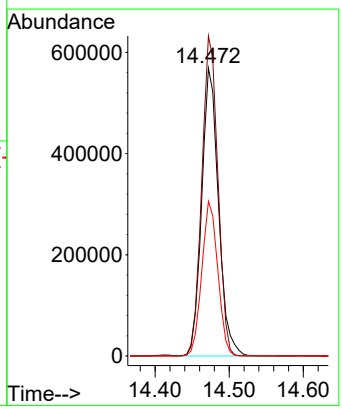


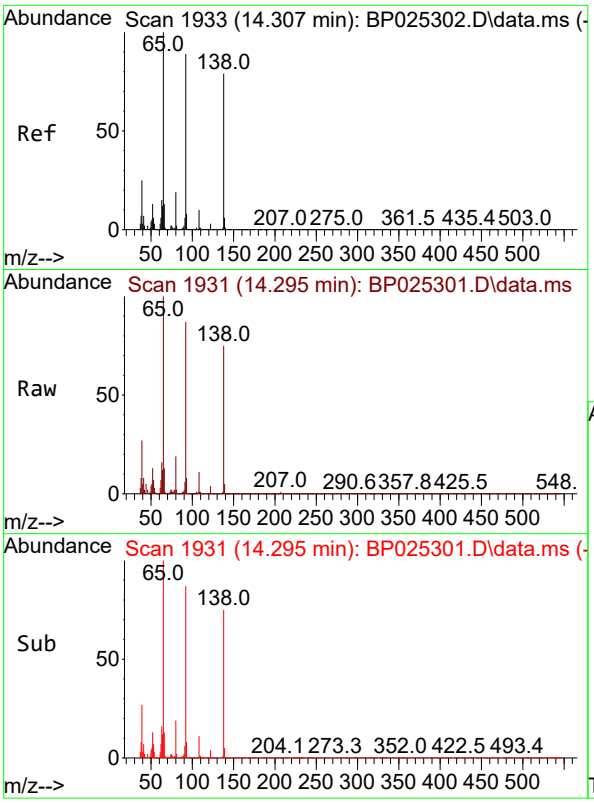


#52
Acenaphthene
Concen: 20.209 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:154 Resp: 893336

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.4	134.0
152	53.8	43.0	64.6





#53
3-Nitroaniline
Concen: 20.146 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

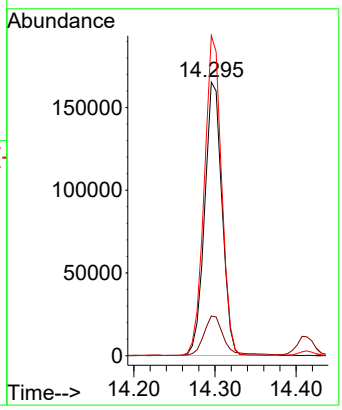
Tgt Ion:138 Resp: 24494

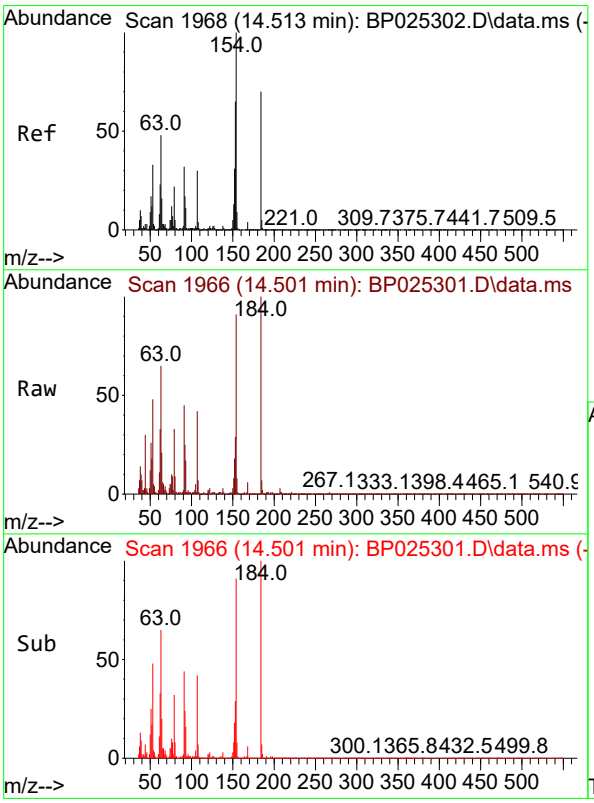
Ion	Ratio	Lower	Upper
138	100		
108	14.5	10.5	15.7
92	117.0	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

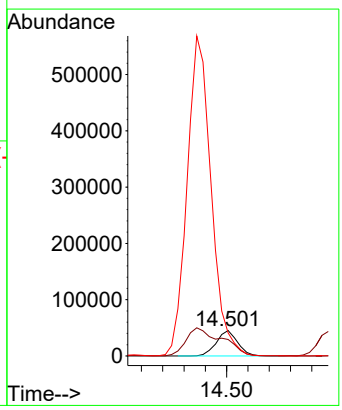


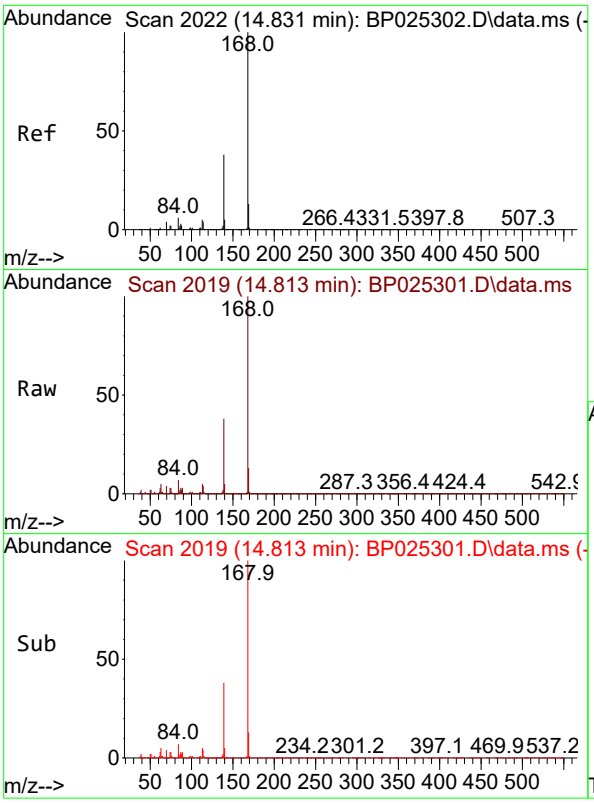


#54
2,4-Dinitrophenol
Concen: 20.728 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:184 Resp: 62185

Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.3	84.5
154	91.0	124.5	186.7#

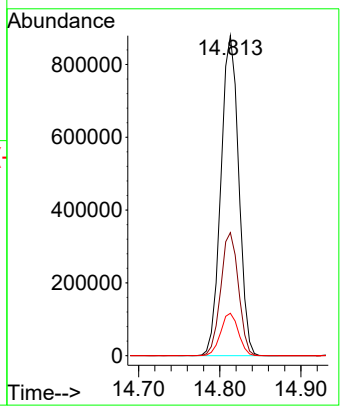




#55
Dibenzofuran
Concen: 20.295 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:168 Resp: 134067

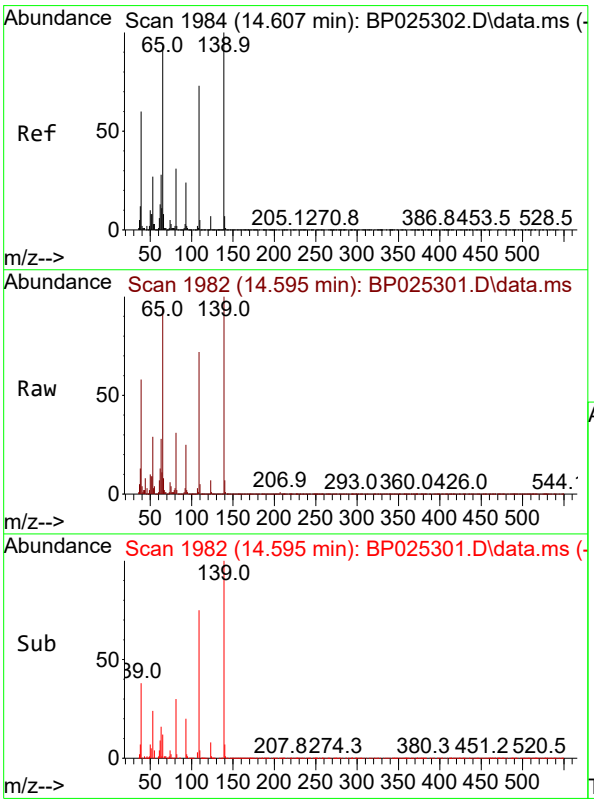
Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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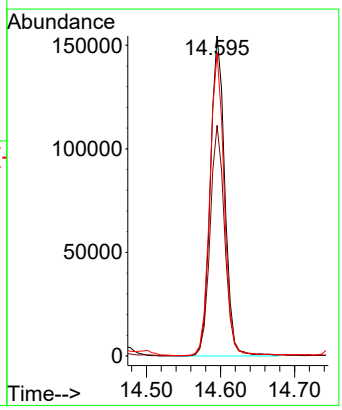
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

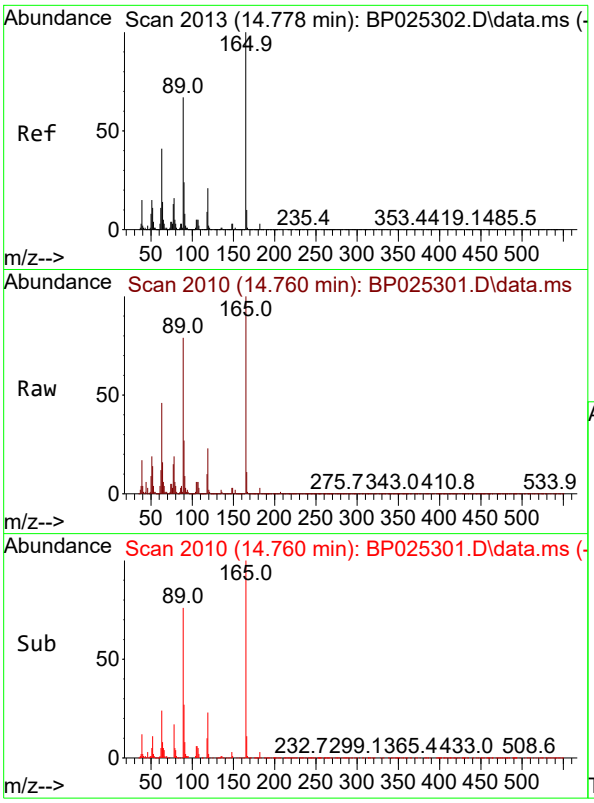


#56
4-Nitrophenol
Concen: 19.428 ng
RT: 14.595 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:139 Resp: 208471

Ion	Ratio	Lower	Upper
139	100		
109	72.0	52.7	92.7
65	94.6	73.4	113.4

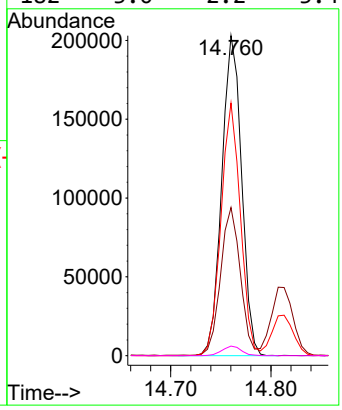




#57
2,4-Dinitrotoluene
Concen: 19.379 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:165 Resp: 27860

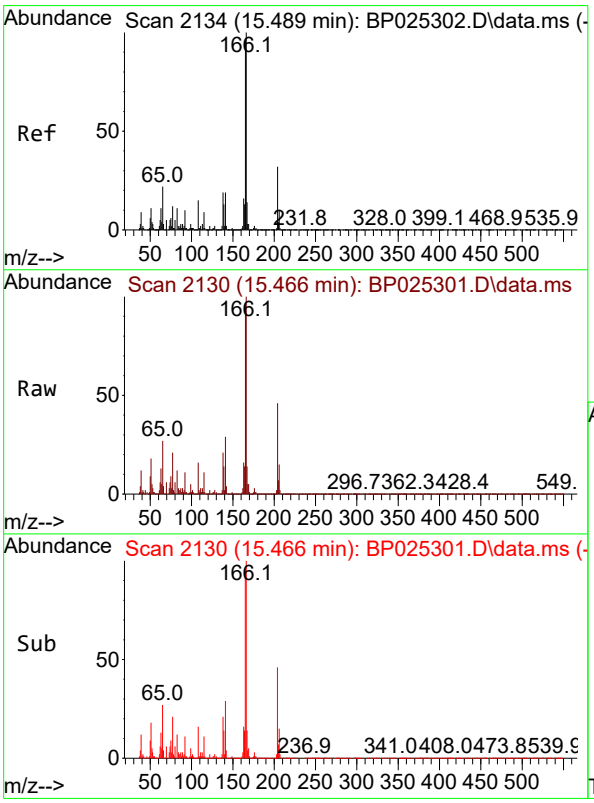
Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.2	49.8
89	78.9	53.5	80.3
182	3.0	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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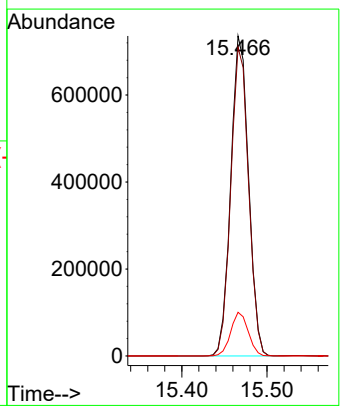
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

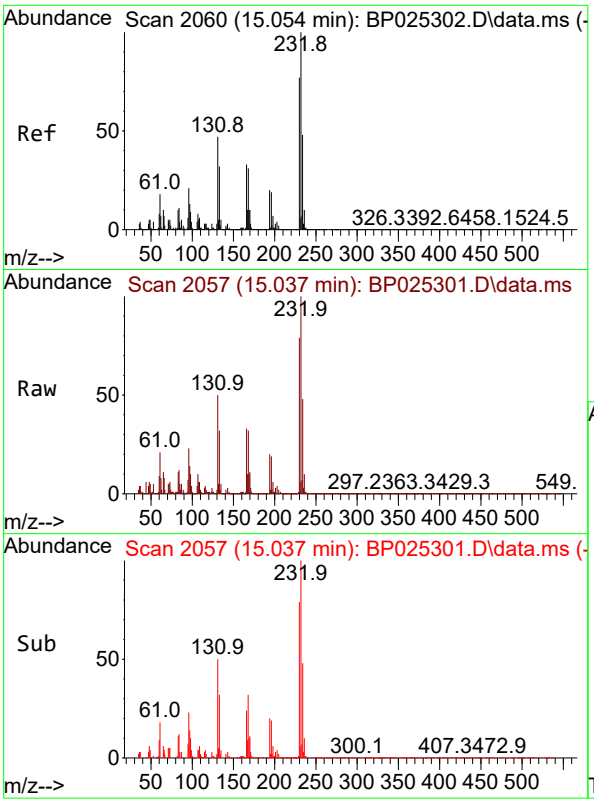


#58
Fluorene
Concen: 20.540 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:166 Resp: 1065702

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.7	10.9	16.3

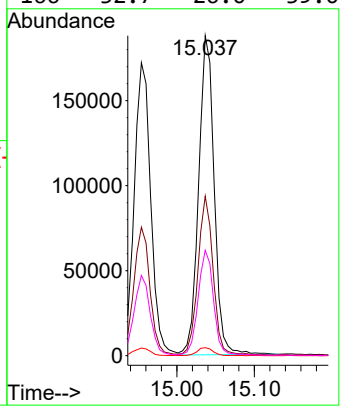




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.379 ng
RT: 15.037 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:232 Resp: 26179

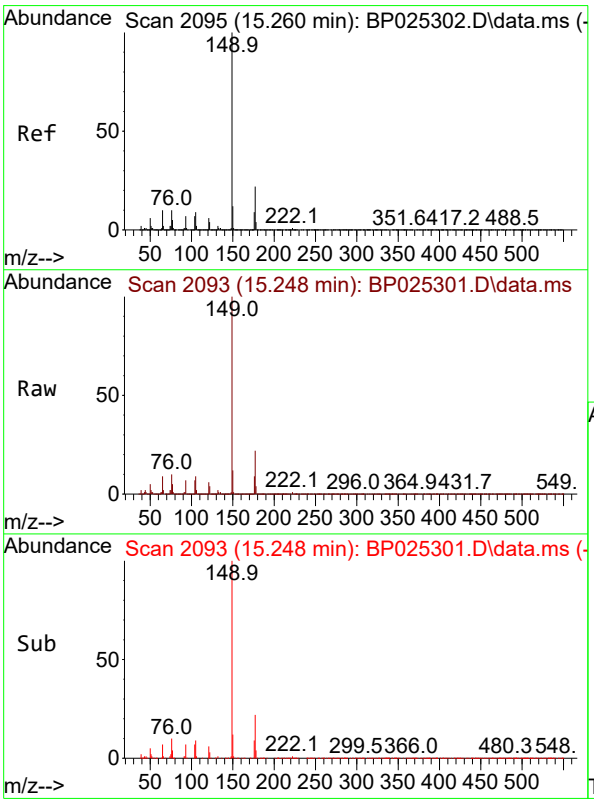
Ion	Ratio	Lower	Upper
232	100		
131	48.2	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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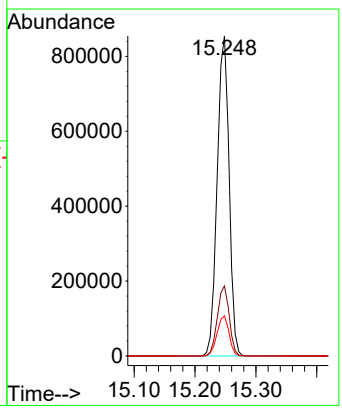
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

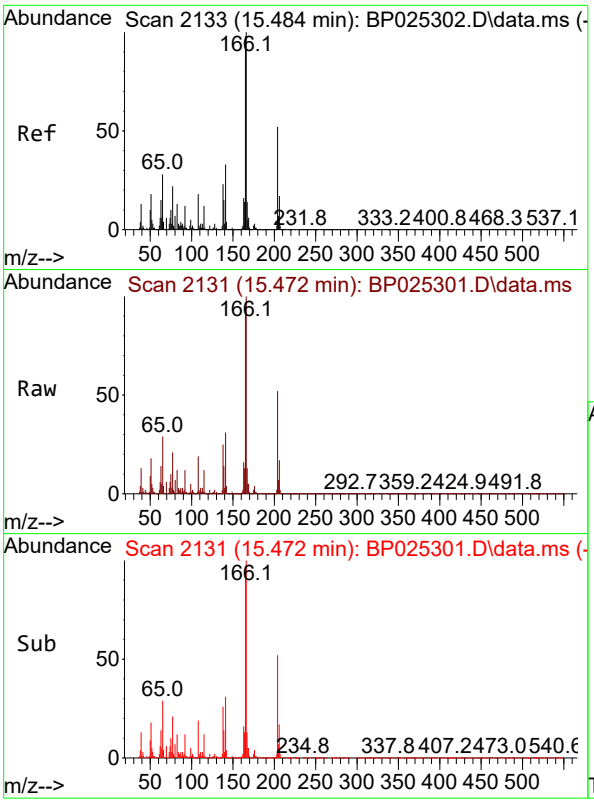


#60
Diethylphthalate
Concen: 20.380 ng
RT: 15.248 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 1157469

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.5	9.8	14.8

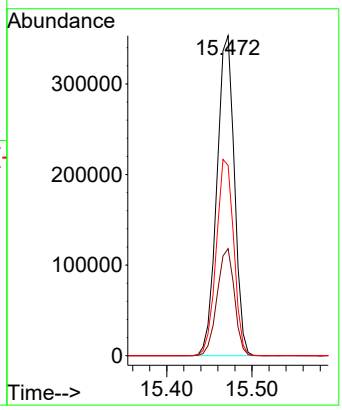




#61
4-Chlorophenyl-phenylether
Concen: 20.445 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:204 Resp: 50287

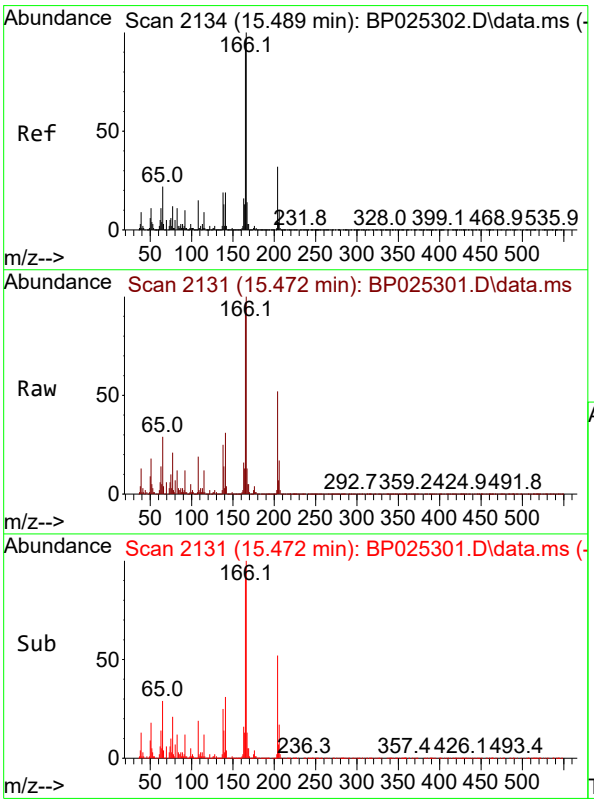
Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.4
141	59.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

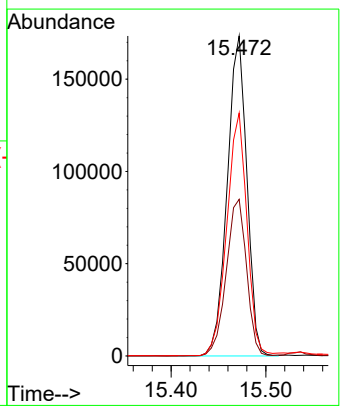
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

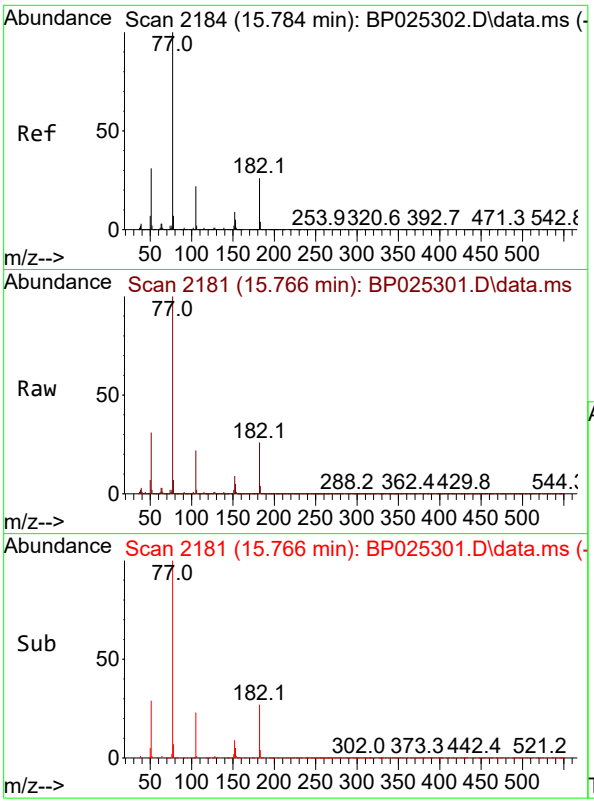


#62
4-Nitroaniline
Concen: 20.775 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:138 Resp: 250280

Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.8	69.8
108	75.9	56.6	96.6

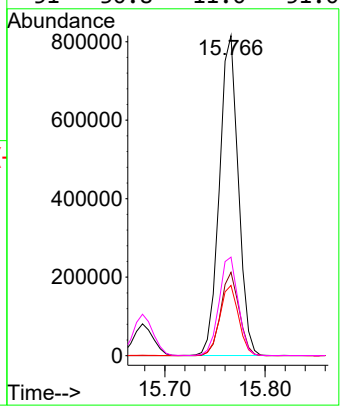




#63
Azobenzene
Concen: 20.145 ng
RT: 15.766 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 106286

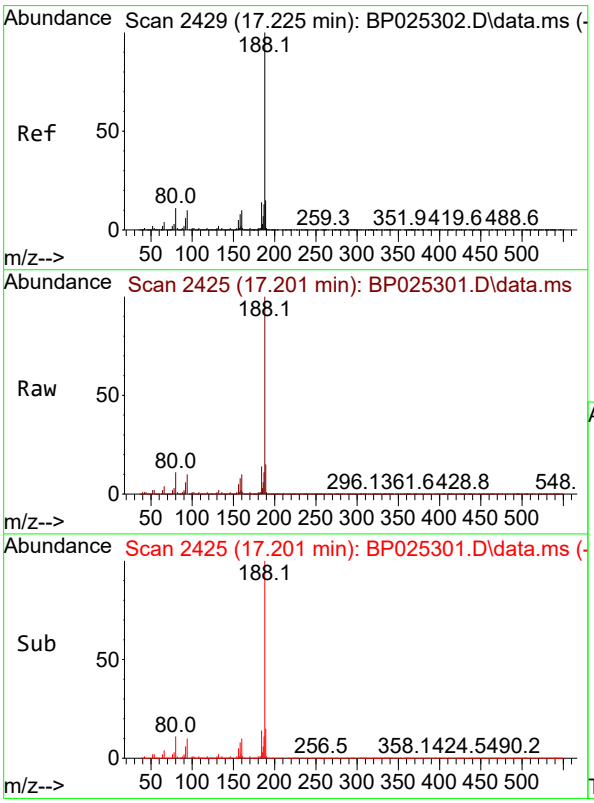
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.0	2.1	42.1
51	30.8	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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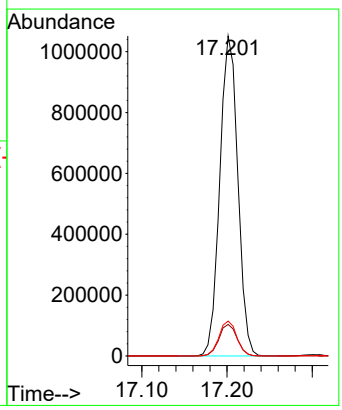
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

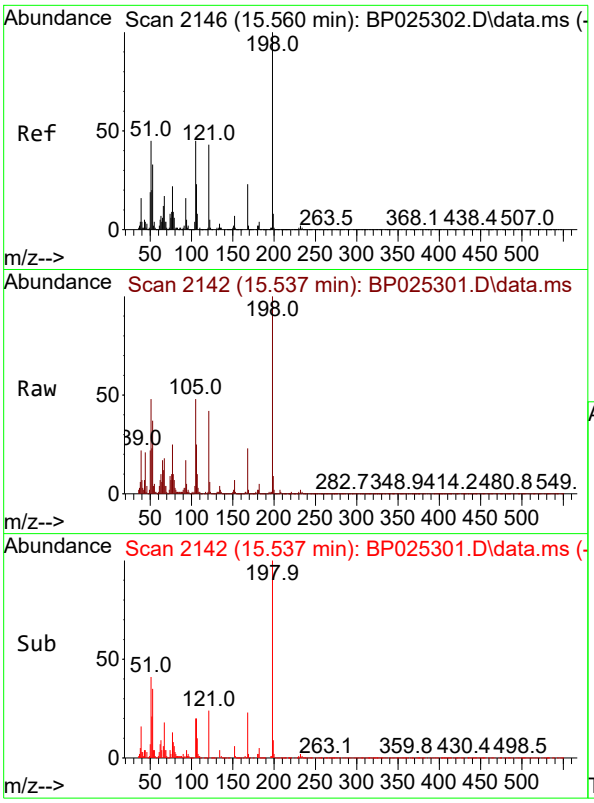


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:188 Resp: 1545091

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.9	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 20.007 ng
RT: 15.537 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

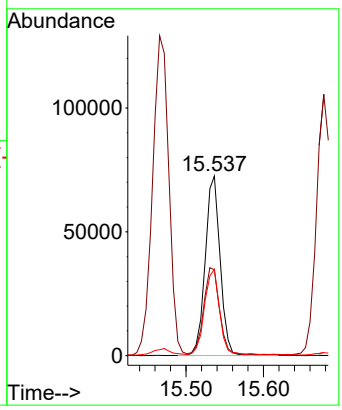
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

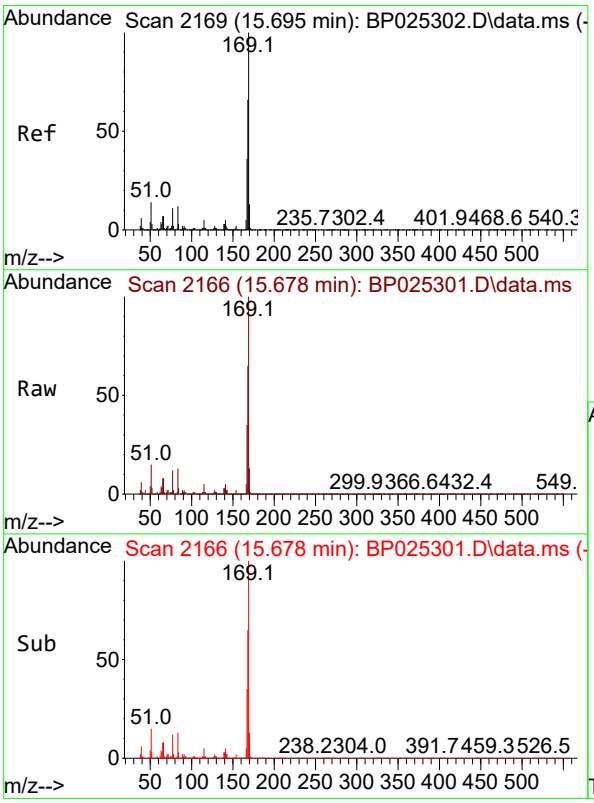
Tgt Ion:198 Resp: 9682

Ion	Ratio	Lower	Upper
198	100		
51	47.7	26.7	66.7
105	48.2	25.6	65.6

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

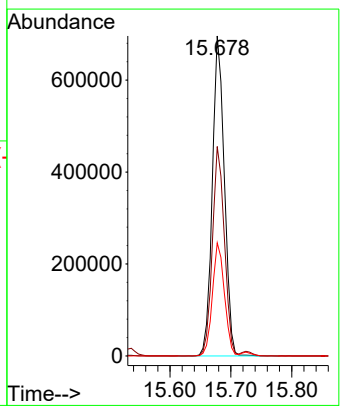


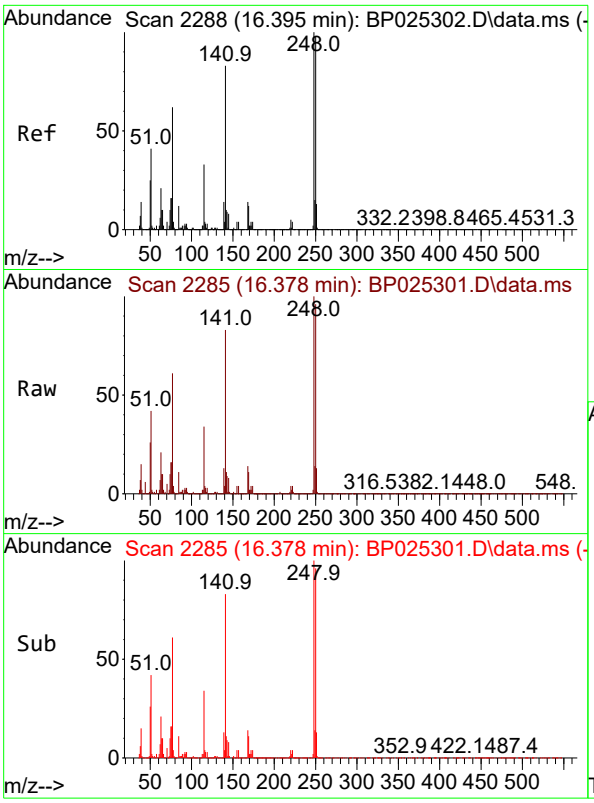


#66
n-Nitrosodiphenylamine
Concen: 20.292 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:169 Resp: 954626

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.8	79.2
167	35.4	28.5	42.7

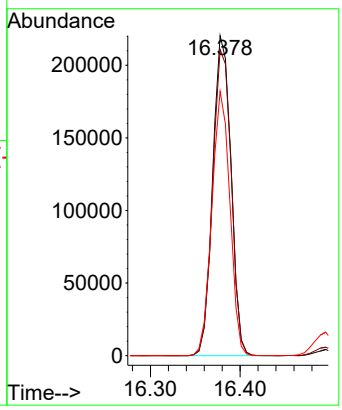




#67
4-Bromophenyl-phenylether
Concen: 20.033 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:248 Resp: 31144

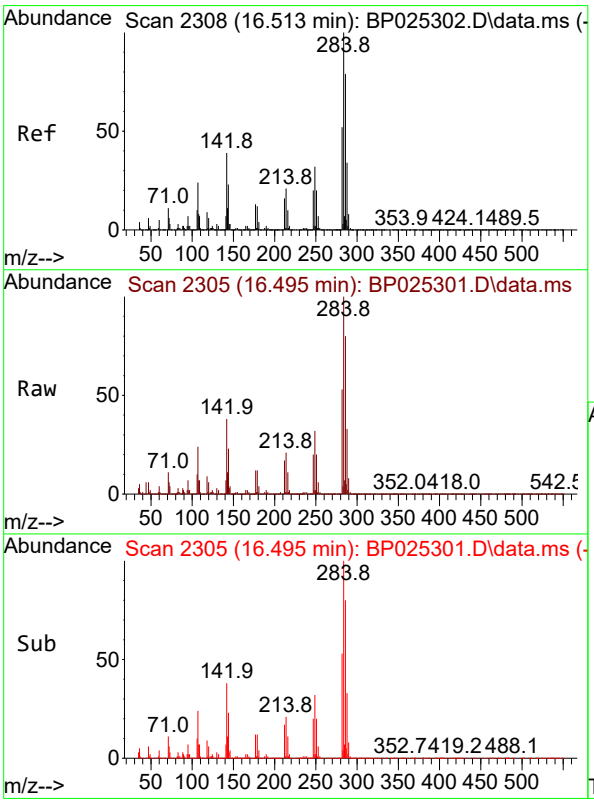
Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.6	117.8
141	82.6	66.6	99.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

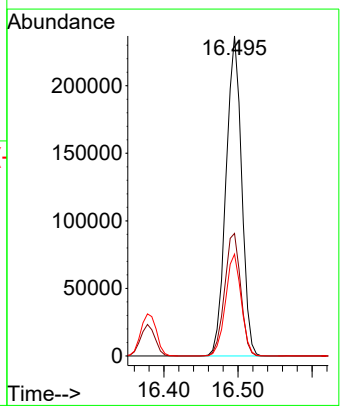
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

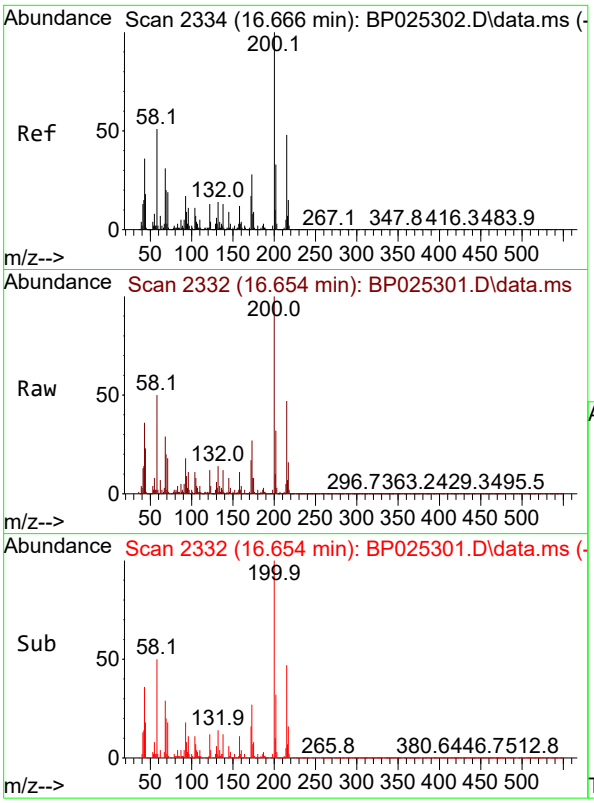


#68
Hexachlorobenzene
Concen: 19.800 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:284 Resp: 345386

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.8	46.2
249	31.8	25.4	38.0

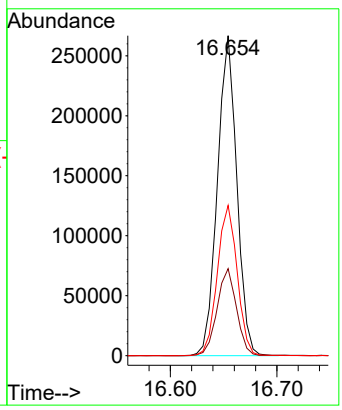




#69
Atrazine
Concen: 20.337 ng
RT: 16.654 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:200 Resp: 33647

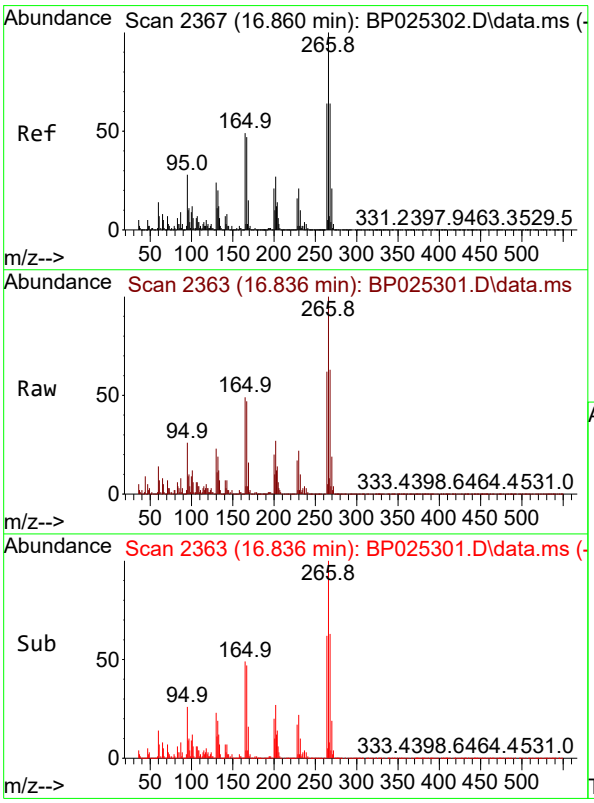
Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.2	48.2
215	47.0	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

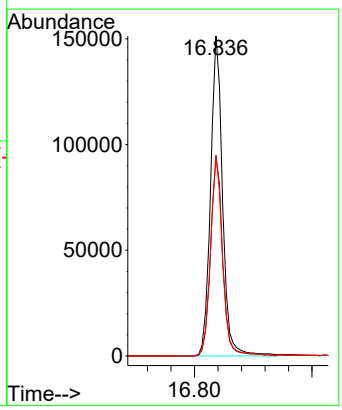
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

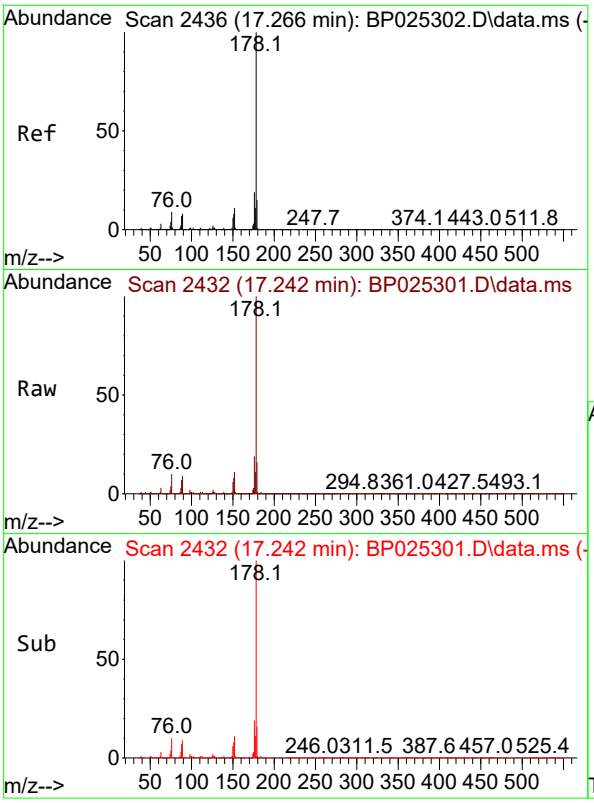


#70
Pentachlorophenol
Concen: 19.278 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:266 Resp: 214251

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.4	77.0
264	62.5	51.1	76.7

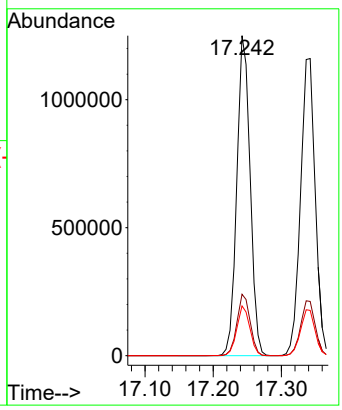




#71
Phenanthrene
Concen: 20.038 ng
RT: 17.242 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:178 Resp: 169571

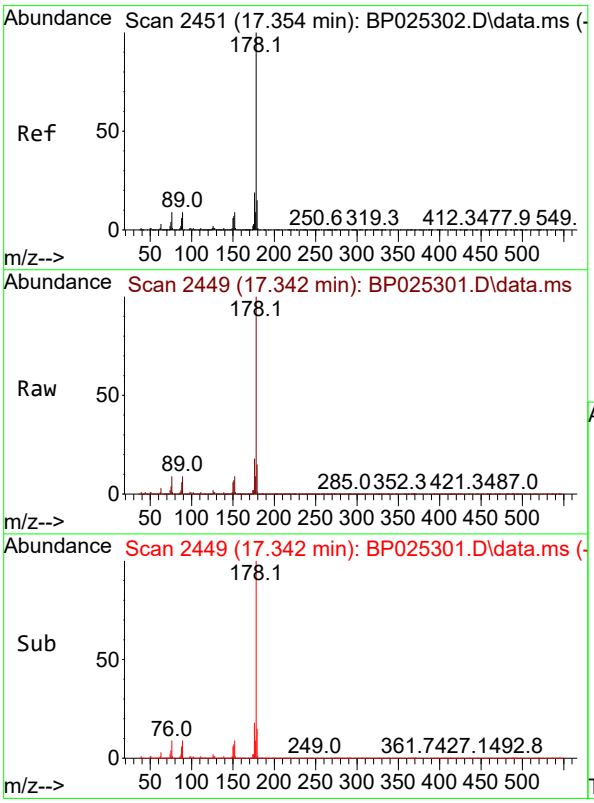
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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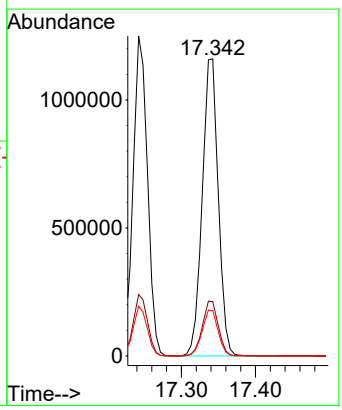
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

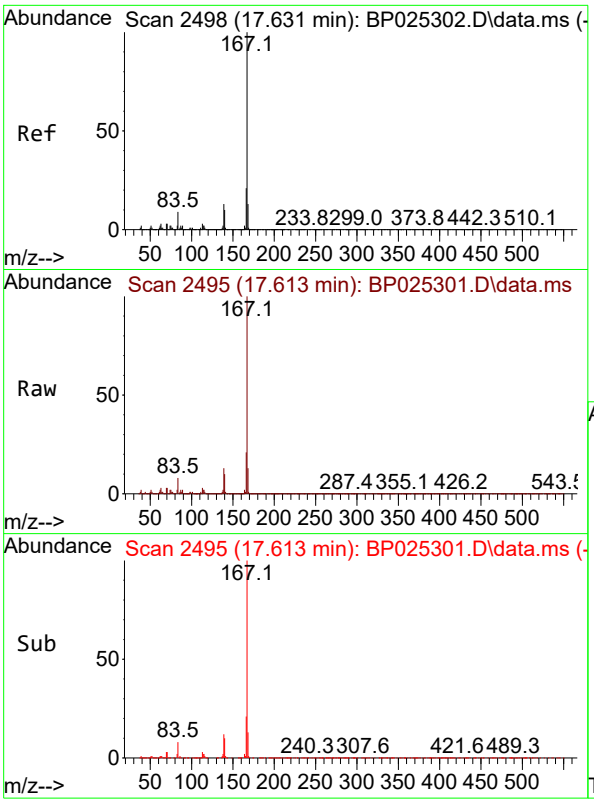


#72
Anthracene
Concen: 20.442 ng
RT: 17.342 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:178 Resp: 1744320

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	12.3	18.5

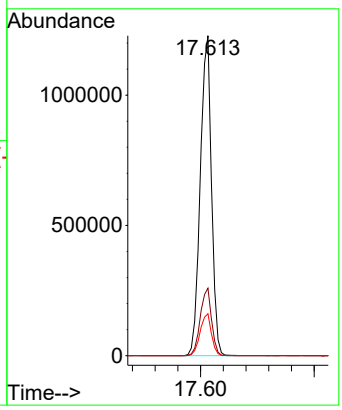




#73
Carbazole
Concen: 20.485 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:167 Resp: 167791

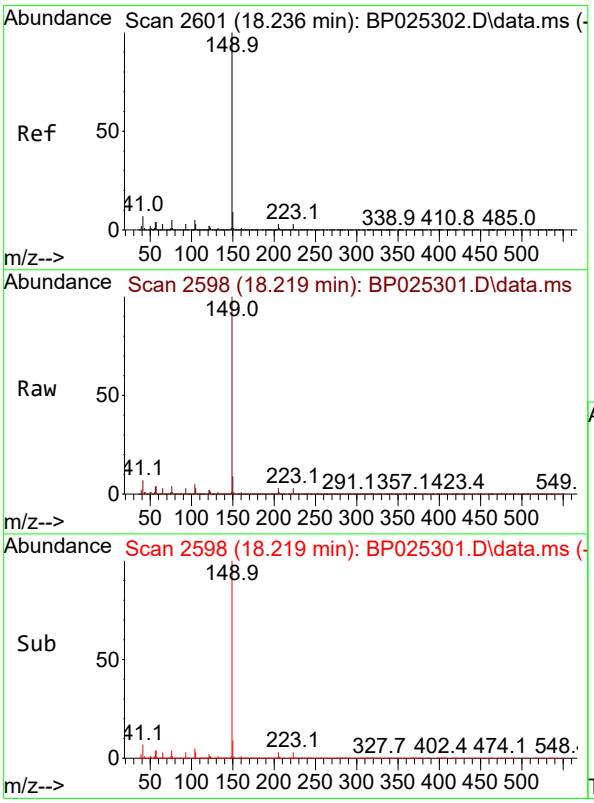
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	13.1	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

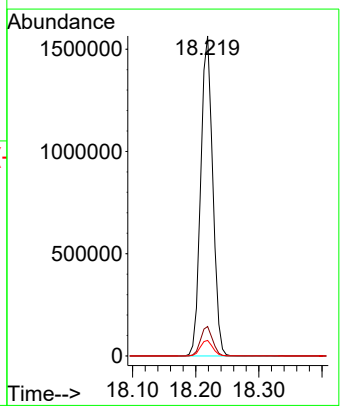
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

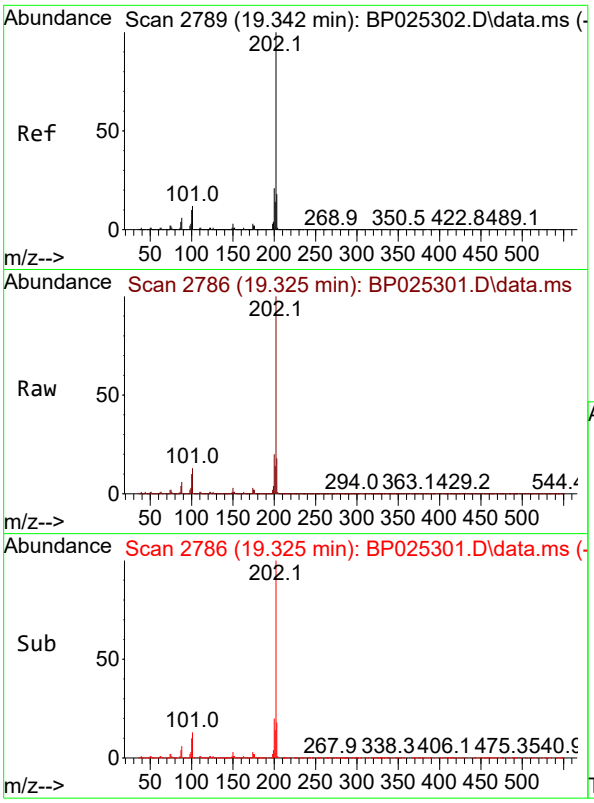


#74
Di-n-butylphthalate
Concen: 20.853 ng
RT: 18.219 min Scan# 2598
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 2066393

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1

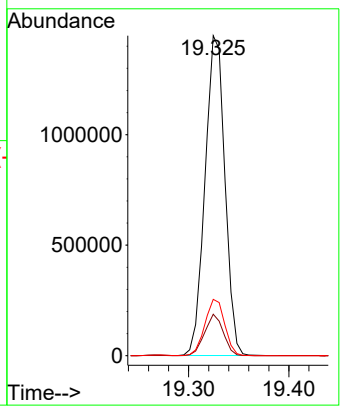




#75
Fluoranthene
Concen: 20.364 ng
RT: 19.325 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:202 Resp: 199494

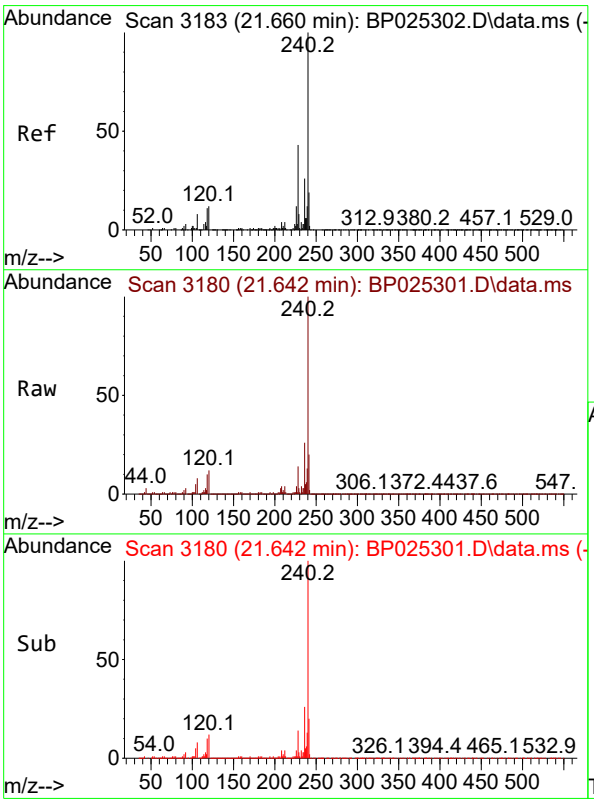
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	17.6	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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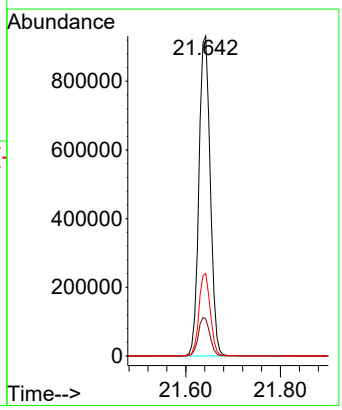
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

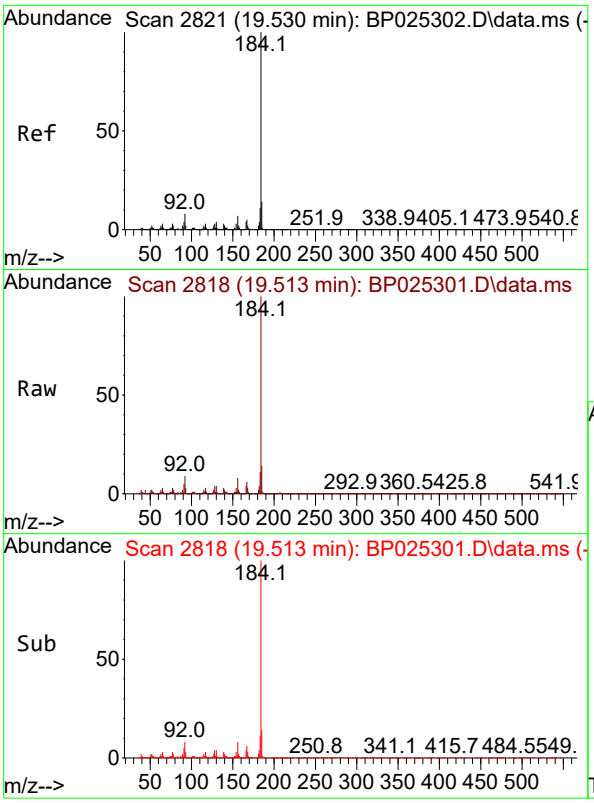


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:240 Resp: 1541869

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.8	20.4	30.6

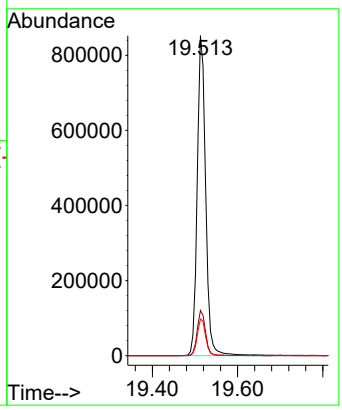




#77
Benzidine
Concen: 21.065 ng
RT: 19.513 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:184 Resp: 117555

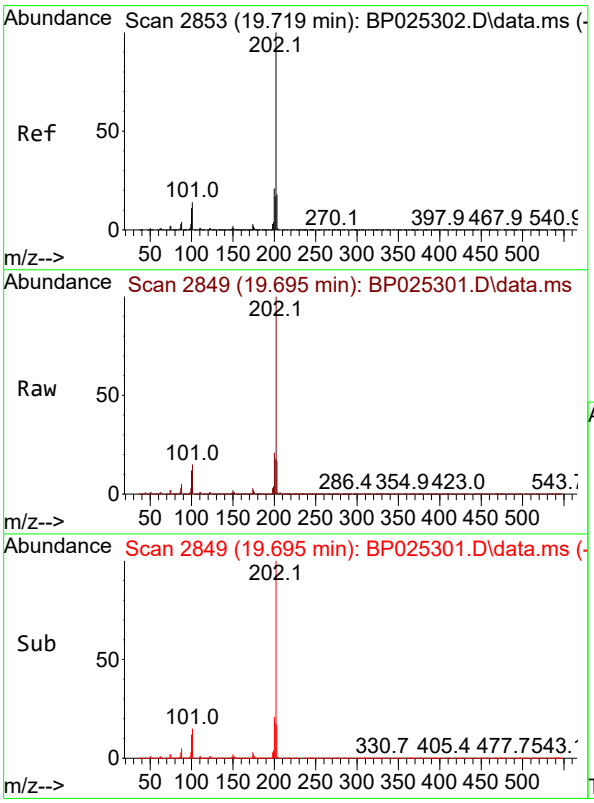
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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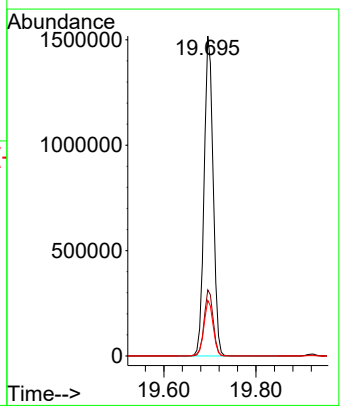
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

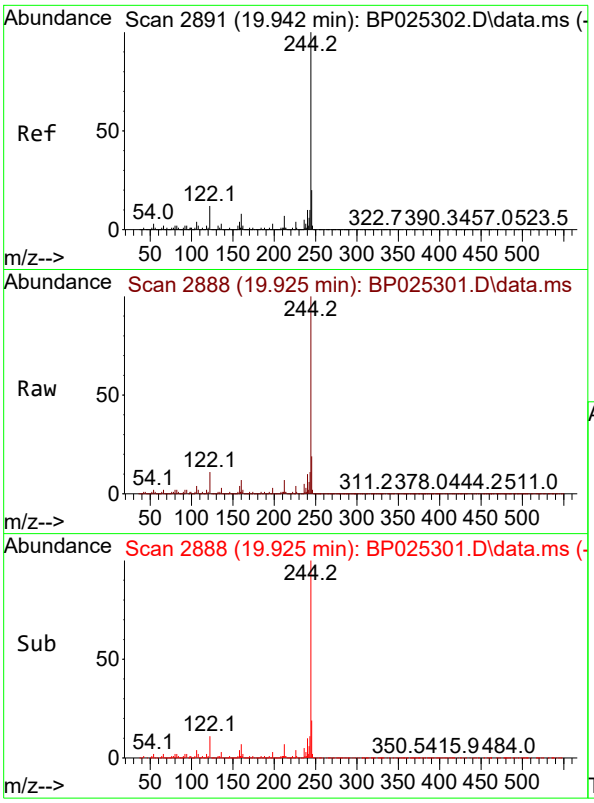


#78
Pyrene
Concen: 20.301 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:202 Resp: 2081509

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	14.1	21.1





#79
Terphenyl-d14
Concen: 41.421 ng
RT: 19.925 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

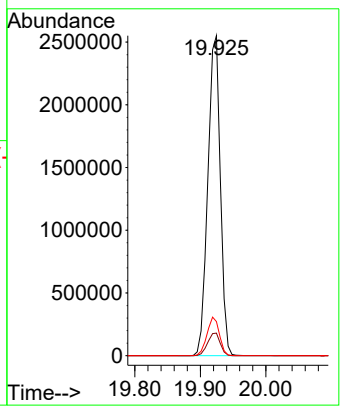
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

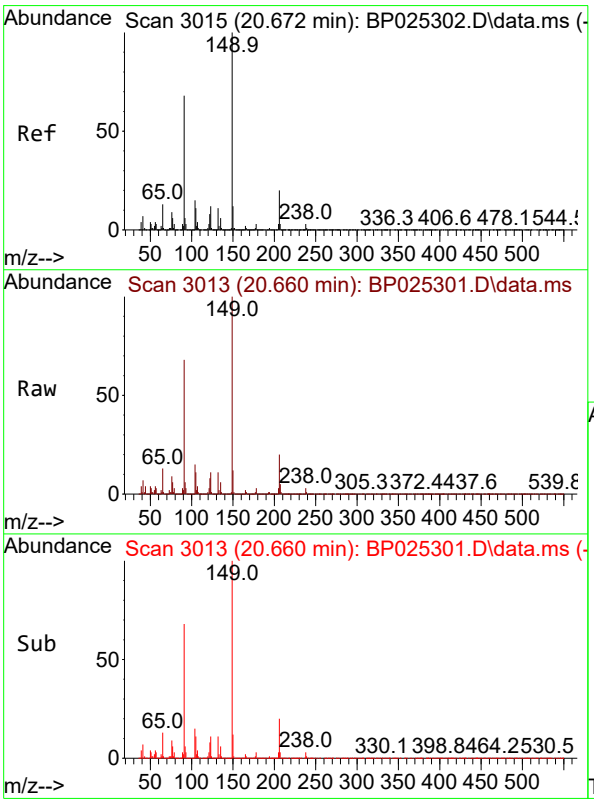
Tgt Ion:244 Resp: 338065

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.7	9.5	14.3

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

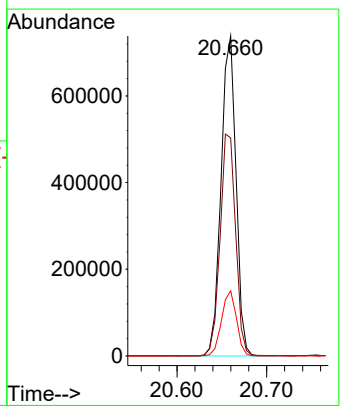


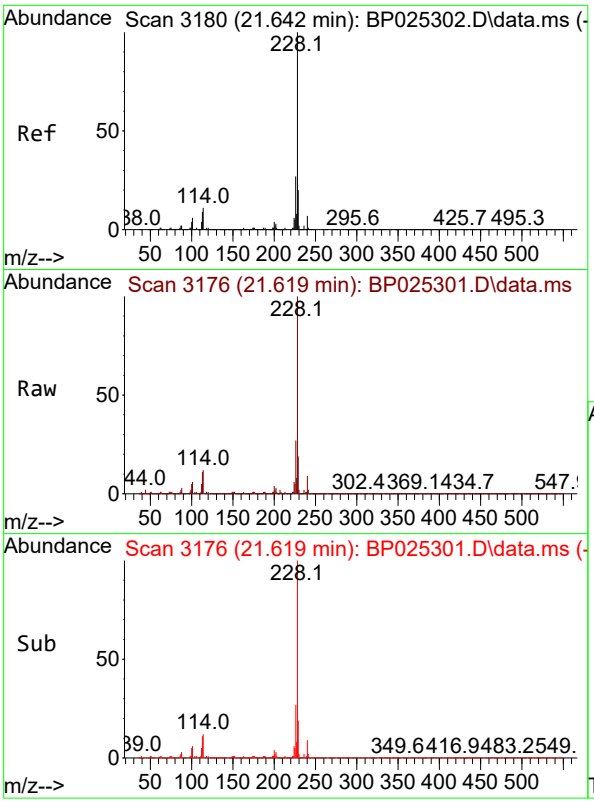


#80
Butylbenzylphthalate
Concen: 20.547 ng
RT: 20.660 min Scan# 3013
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 854396

Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.7	82.1
206	20.4	16.4	24.6

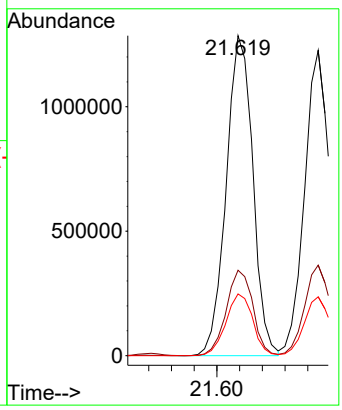




#81
Benzo(a)anthracene
Concen: 20.421 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:228 Resp: 209233

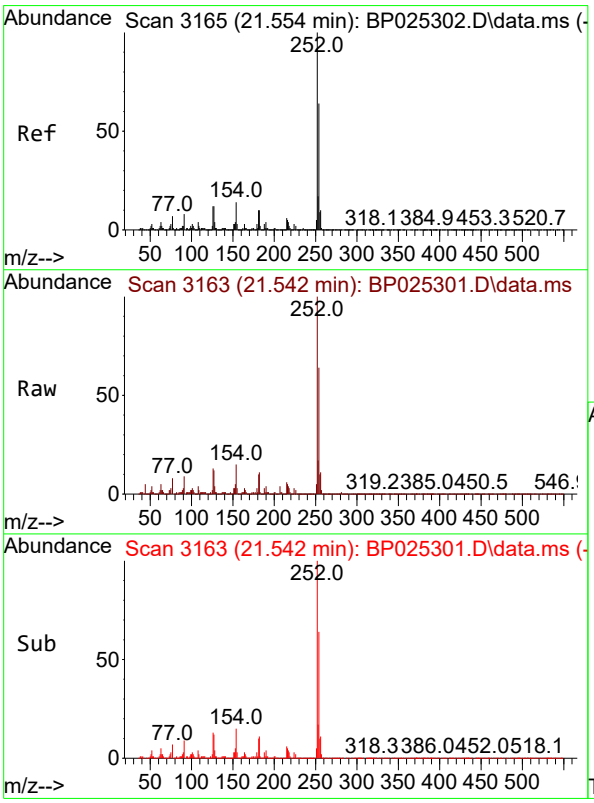
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

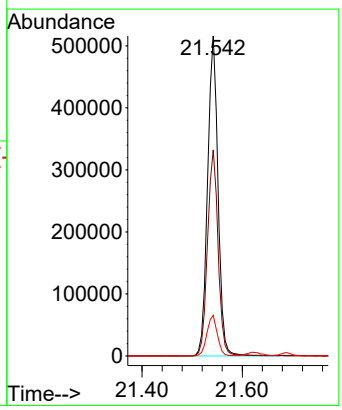
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

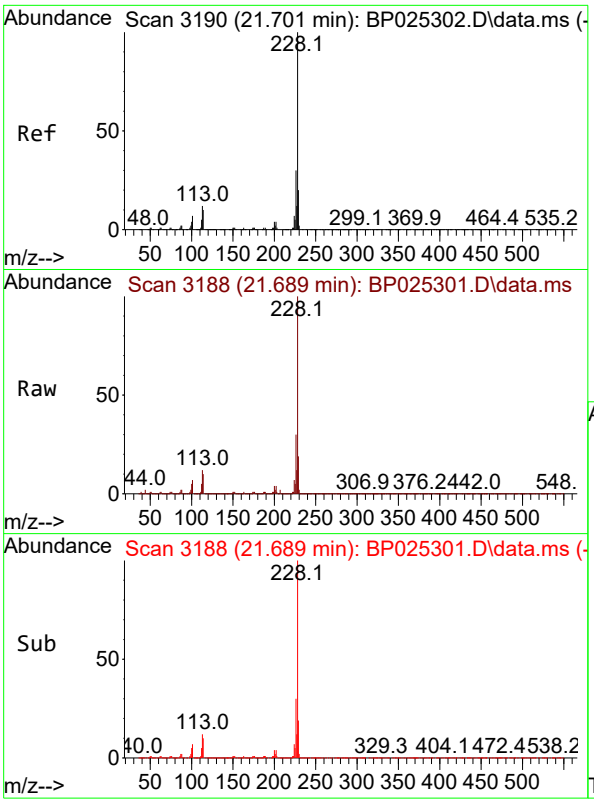


#82
3,3'-Dichlorobenzidine
Concen: 20.628 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 745703

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	12.7	9.4	14.2

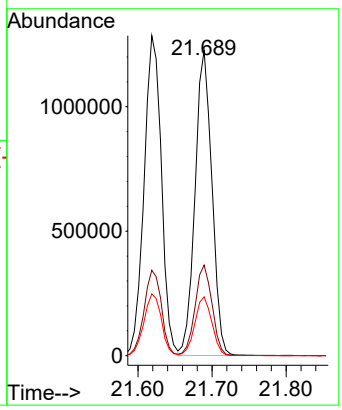




#83
Chrysene
Concen: 20.400 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:228 Resp: 193869

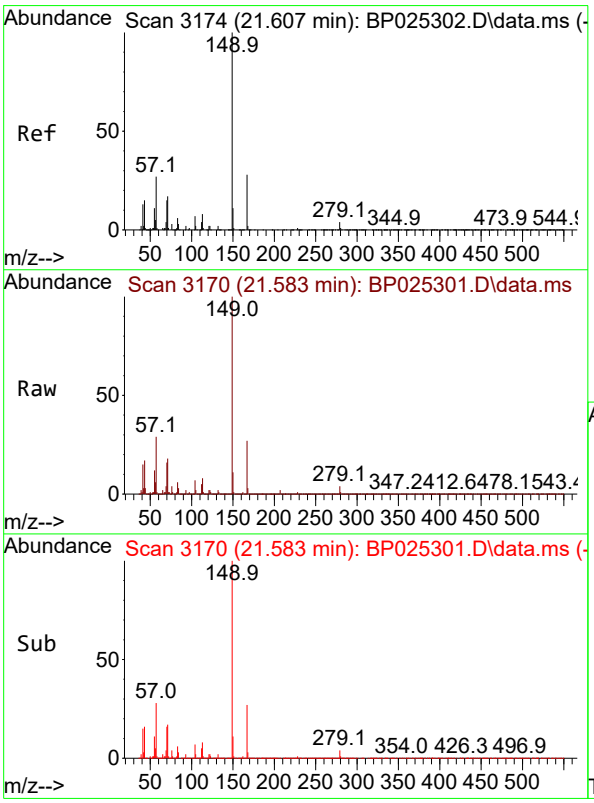
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.3	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

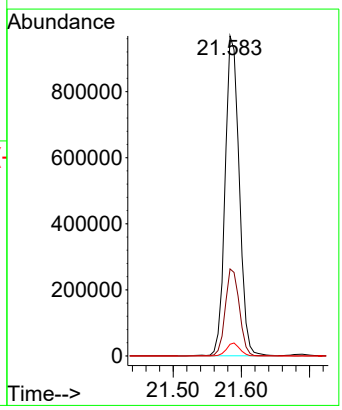
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

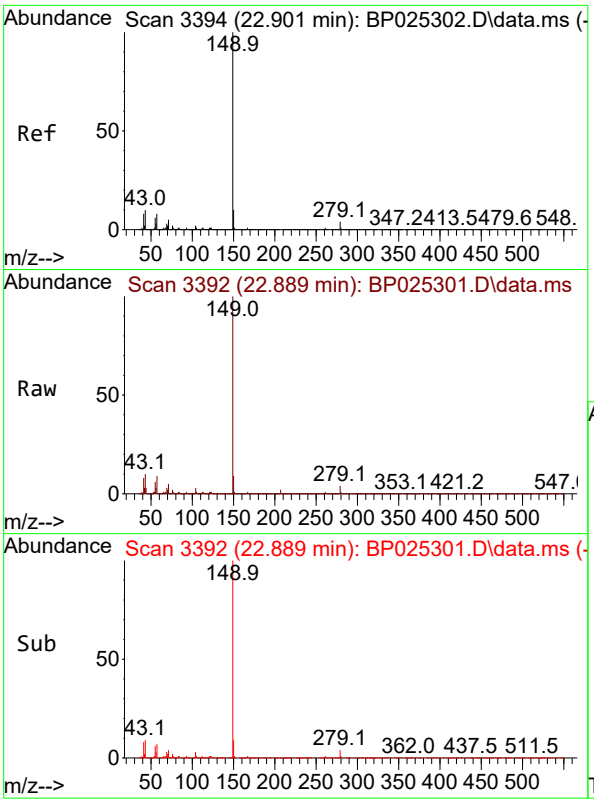


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.958 ng
RT: 21.583 min Scan# 3170
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 1391559

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	3.7	3.4	5.2

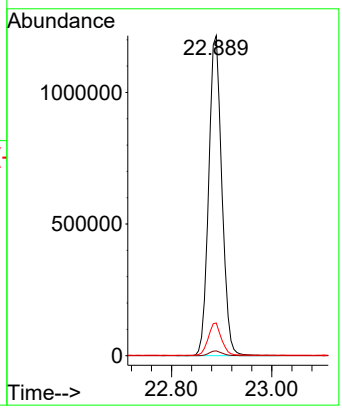




#85
Di-n-octyl phthalate
Concen: 19.895 ng
RT: 22.889 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 221107

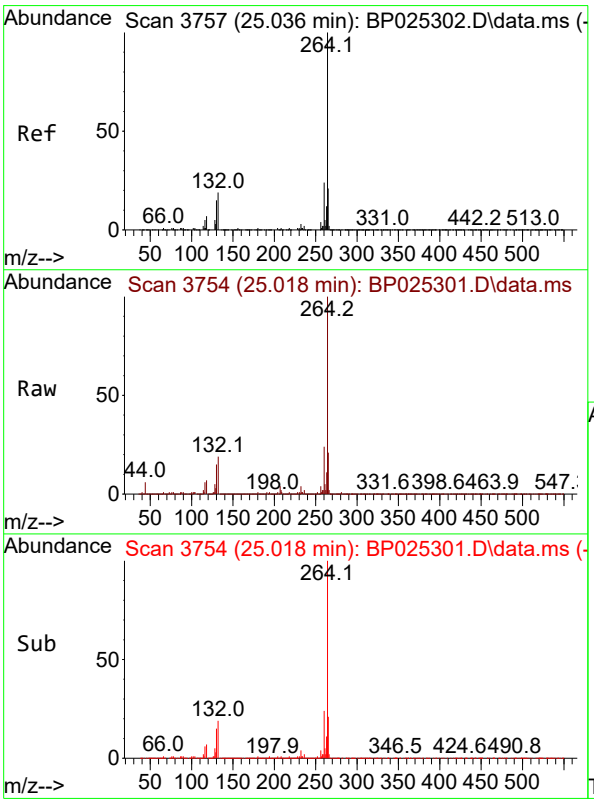
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.1	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

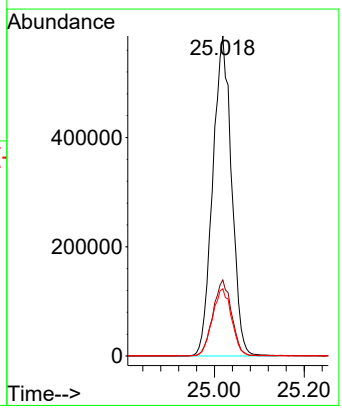
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

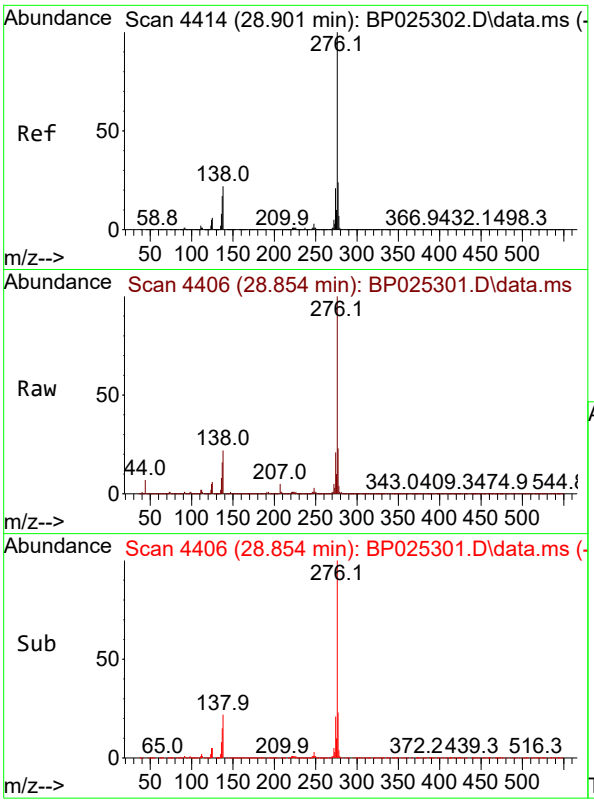


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:264 Resp: 1709357

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.1	25.7

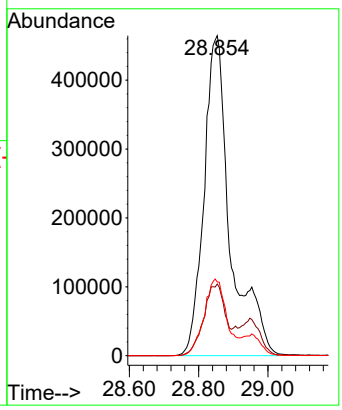




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.000 ng m
RT: 28.854 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:276 Resp: 245402

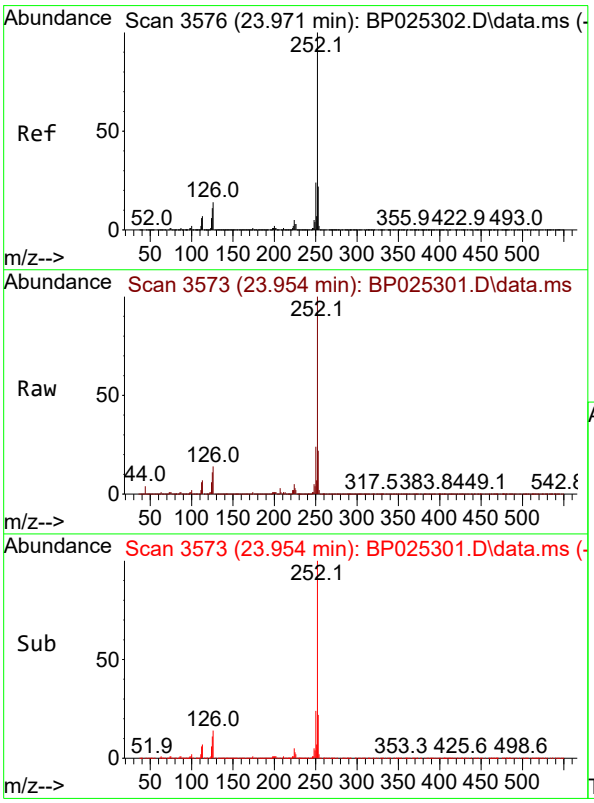
Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.6	22.0
277	20.6	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

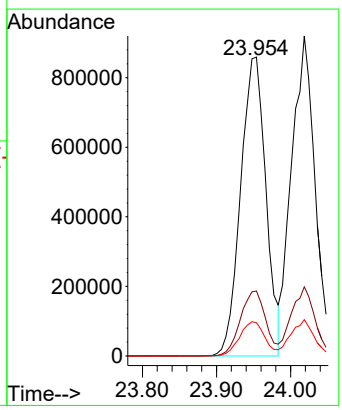
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

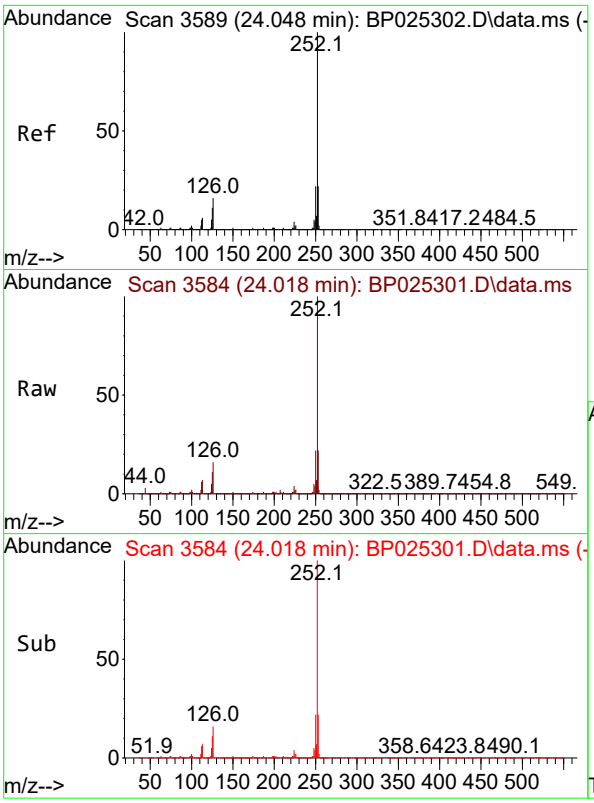


#88
Benzo(b)fluoranthene
Concen: 19.945 ng
RT: 23.954 min Scan# 3573
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 2040906

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.1	8.5	12.7

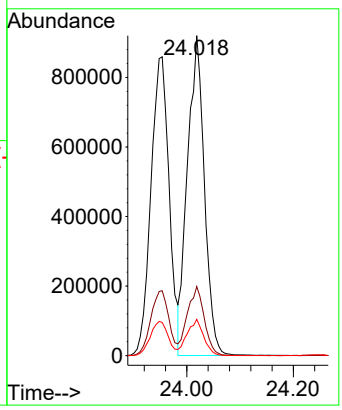




#89
Benzo(k)fluoranthene
Concen: 20.034 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 203222

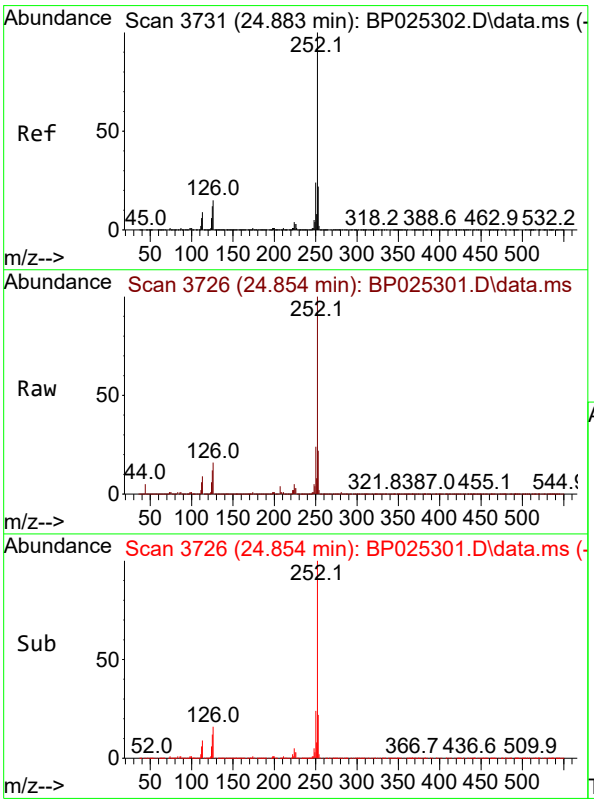
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

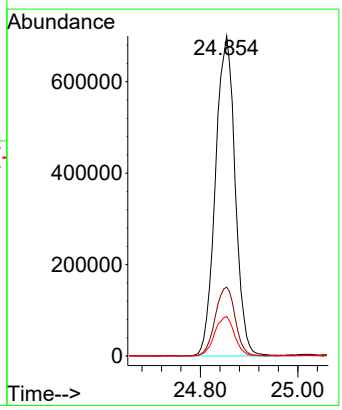
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

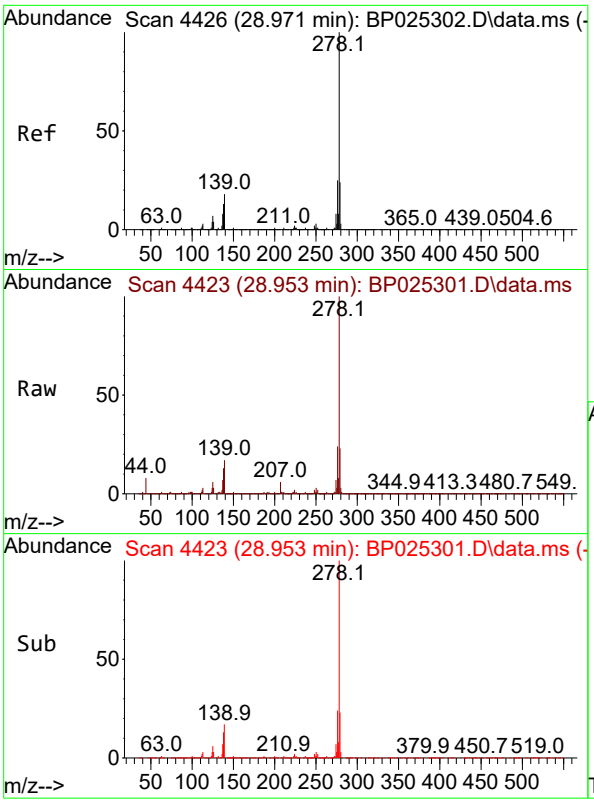


#90
Benzo(a)pyrene
Concen: 19.917 ng
RT: 24.854 min Scan# 3726
Delta R.T. -0.029 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 1962673

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	12.3	9.4	14.0

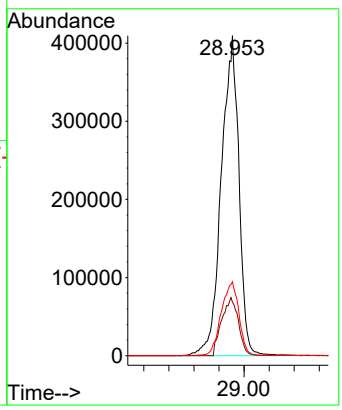




#91
Dibenzo(a,h)anthracene
Concen: 19.860 ng
RT: 28.953 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:278 Resp: 199280

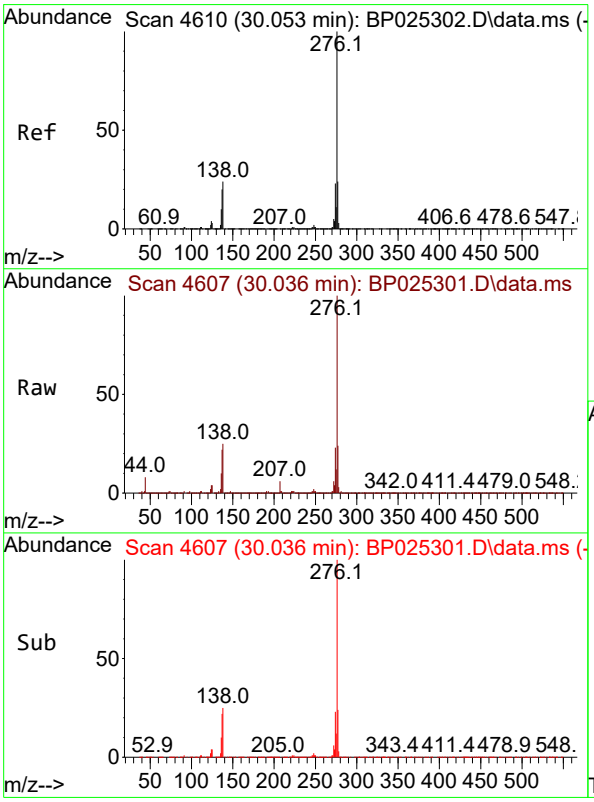
Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.6	22.0
279	23.1	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

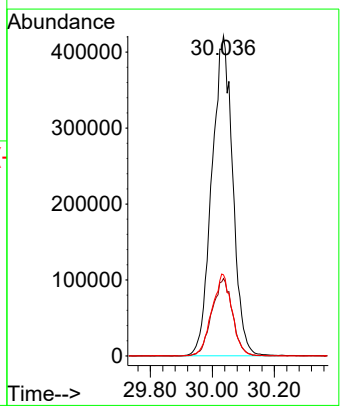
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 19.938 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:276 Resp: 1964046

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	25.3	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	201963	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	880642	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	554286	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1096367	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1098659	20.000	ng	0.00
86) Perylene-d12	25.036	264	1264736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	996403	78.838	ng	0.00
7) Phenol-d6	6.966	99	1318375	79.077	ng	0.00
23) Nitrobenzene-d5	8.943	82	1316251	80.869	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	470979	82.296	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3200514	80.179	ng	0.00
79) Terphenyl-d14	19.942	244	4595144	79.015	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	194354	39.221	ng	100
3) Pyridine	3.725	79	541403	39.325	ng	100
4) n-Nitrosodimethylamine	3.631	42	246918	38.631	ng	100
6) Aniline	7.131	93	895891	39.490	ng	100
8) 2-Chlorophenol	7.372	128	545256	39.670	ng	100
9) Benzaldehyde	6.949	77	566415	48.256	ng	100
10) Phenol	6.990	94	699120	39.538	ng	100
11) bis(2-Chloroethyl)ether	7.225	93	539982	38.975	ng	100
12) 1,3-Dichlorobenzene	7.696	146	595110	38.533	ng	100
13) 1,4-Dichlorobenzene	7.837	146	609114	38.983	ng	100
14) 1,2-Dichlorobenzene	8.149	146	587683	38.826	ng	100
15) Benzyl Alcohol	8.031	79	502383	39.218	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.325	45	850917	38.879	ng	100
17) 2-Methylphenol	8.225	107	474988	40.146	ng	100
18) Hexachloroethane	8.878	117	218135	39.037	ng	100
19) n-Nitroso-di-n-propyla...	8.596	70	436056	40.160	ng	100
20) 3+4-Methylphenols	8.549	107	640969	39.342	ng	100
22) Acetophenone	8.607	105	867835	39.255	ng	100
24) Nitrobenzene	8.984	77	606097	40.280	ng	100
25) Isophorone	9.502	82	1255611	39.682	ng	100
26) 2-Nitrophenol	9.684	139	225091	35.376	ng	100
27) 2,4-Dimethylphenol	9.749	122	570930	39.137	ng	100
28) bis(2-Chloroethoxy)met...	9.984	93	759841	39.476	ng	100
29) 2,4-Dichlorophenol	10.213	162	522153	40.884	ng	100
30) 1,2,4-Trichlorobenzene	10.437	180	548893	38.956	ng	100
31) Naphthalene	10.625	128	1791087	39.178	ng	100
32) Benzoic acid	9.849	122	297213	38.952	ng	100
33) 4-Chloroaniline	10.725	127	808713	39.774	ng	100
34) Hexachlorobutadiene	10.913	225	316426	39.122	ng	100
35) Caprolactam	11.472	113	202605	40.802	ng	100
36) 4-Chloro-3-methylphenol	11.831	107	600241	40.617	ng	100
37) 2-Methylnaphthalene	12.225	142	1154835	39.028	ng	100
38) 1-Methylnaphthalene	12.454	142	1205124	39.032	ng	100
40) 1,2,4,5-Tetrachloroben...	12.595	216	606083	40.051	ng	100
41) Hexachlorocyclopentadiene	12.590	237	366850	39.278	ng	100
43) 2,4,6-Trichlorophenol	12.837	196	406436	41.576	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	456928	41.667	ng	100
46) 1,1'-Biphenyl	13.243	154	1605905	39.314	ng	100
47) 2-Chloronaphthalene	13.284	162	1225849	39.335	ng	100
48) 2-Nitroaniline	13.484	65	341536	38.066	ng	100
49) Acenaphthylene	14.142	152	2070346	39.828	ng	100
50) Dimethylphthalate	13.872	163	1586291	39.258	ng	100
51) 2,6-Dinitrotoluene	13.978	165	318700	42.760	ng	100
52) Acenaphthene	14.490	154	1234915	38.947	ng	100
53) 3-Nitroaniline	14.307	138	369122	42.324	ng	100
54) 2,4-Dinitrophenol	14.513	184	105656	38.143	ng	100
55) Dibenzofuran	14.831	168	1863874	39.336	ng	100
56) 4-Nitrophenol	14.607	139	314409	40.848	ng	100
57) 2,4-Dinitrotoluene	14.778	165	431918	38.103	ng	100
58) Fluorene	15.489	166	1458854	39.200	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.054	232	381224	41.372	ng	100
60) Diethylphthalate	15.260	149	1596506	39.190	ng	100
61) 4-Chlorophenyl-phenyle...	15.484	204	699128	39.626	ng	100
62) 4-Nitroaniline	15.489	138	374812	43.373	ng	100
63) Azobenzene	15.784	77	1497305	39.565	ng	100
65) 4,6-Dinitro-2-methylph...	15.560	198	165146	37.407	ng	100
66) n-Nitrosodiphenylamine	15.695	169	1327098	39.754	ng	100
67) 4-Bromophenyl-phenylether	16.395	248	436238	39.545	ng	100
68) Hexachlorobenzene	16.513	284	482334	38.967	ng	100
69) Atrazine	16.666	200	465752	39.673	ng	100
70) Pentachlorophenol	16.860	266	315442	40.000	ng	100
71) Phenanthrene	17.266	178	2351974	39.167	ng	100
72) Anthracene	17.354	178	2401769	39.667	ng	100
73) Carbazole	17.631	167	2307398	39.700	ng	100
74) Di-n-butylphthalate	18.236	149	2828001	40.220	ng	100
75) Fluoranthene	19.342	202	2745884	39.501	ng	100
77) Benzidine	19.530	184	2131359	53.598	ng	100
78) Pyrene	19.719	202	2831811	38.761	ng	100
80) Butylbenzylphthalate	20.672	149	1241891	41.913	ng	100
81) Benzo(a)anthracene	21.642	228	2859970	39.173	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1039593	40.358	ng	100
83) Chrysene	21.701	228	2674978	39.503	ng	100
84) Bis(2-ethylhexyl)phtha...	21.607	149	1959652	41.420	ng	100
85) Di-n-octyl phthalate	22.901	149	3300305	41.675	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	3649652m	40.200	ng	
88) Benzo(b)fluoranthene	23.971	252	2981039	39.375	ng	100
89) Benzo(k)fluoranthene	24.048	252	2961242	39.456	ng	100
90) Benzo(a)pyrene	24.883	252	2911834	39.938	ng	100
91) Dibenzo(a,h)anthracene	28.971	278	2998158	40.383	ng	100
92) Benzo(g,h,i)perylene	30.053	276	2917156	40.025	ng	100

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

ICAL Form

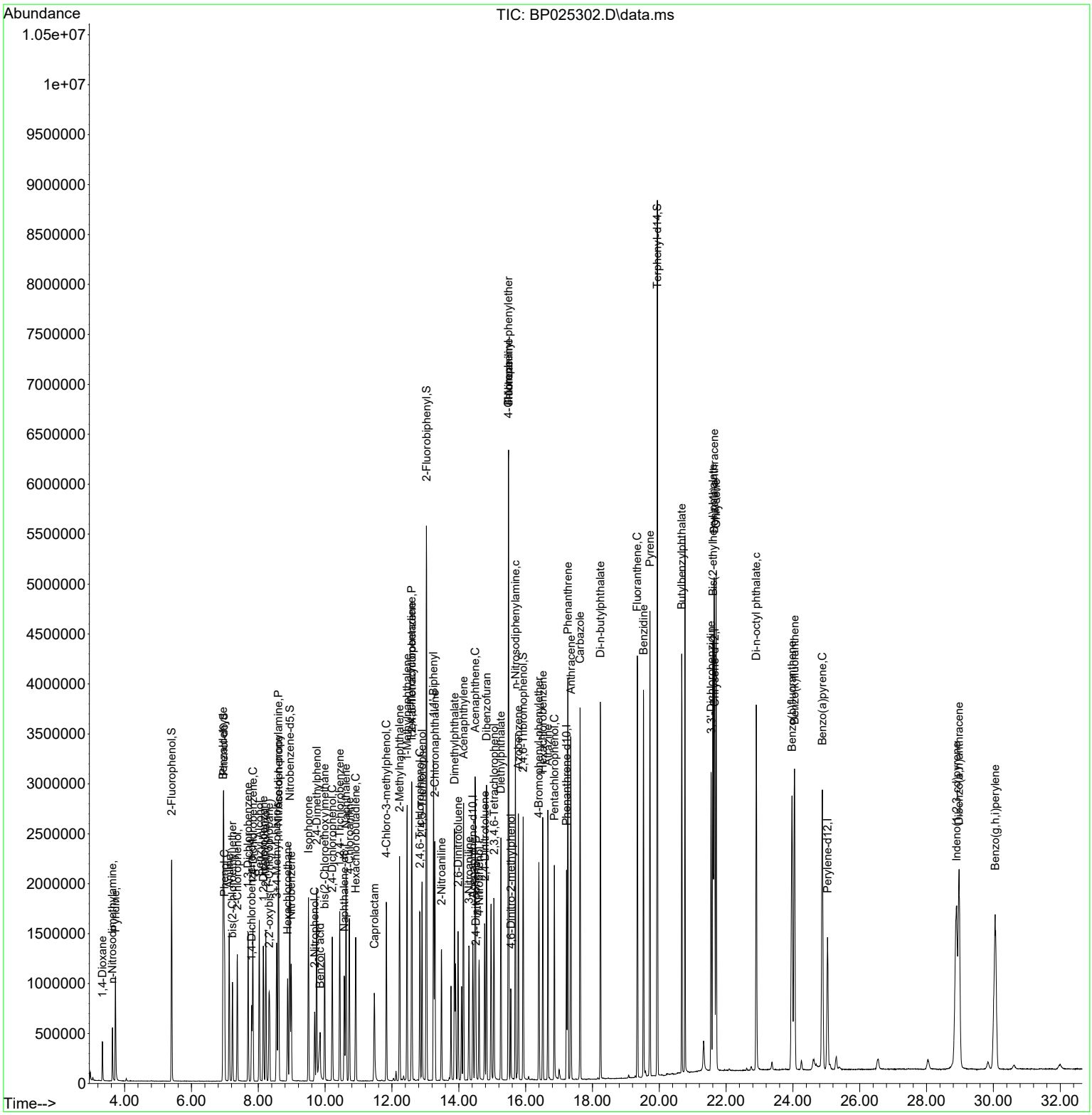
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

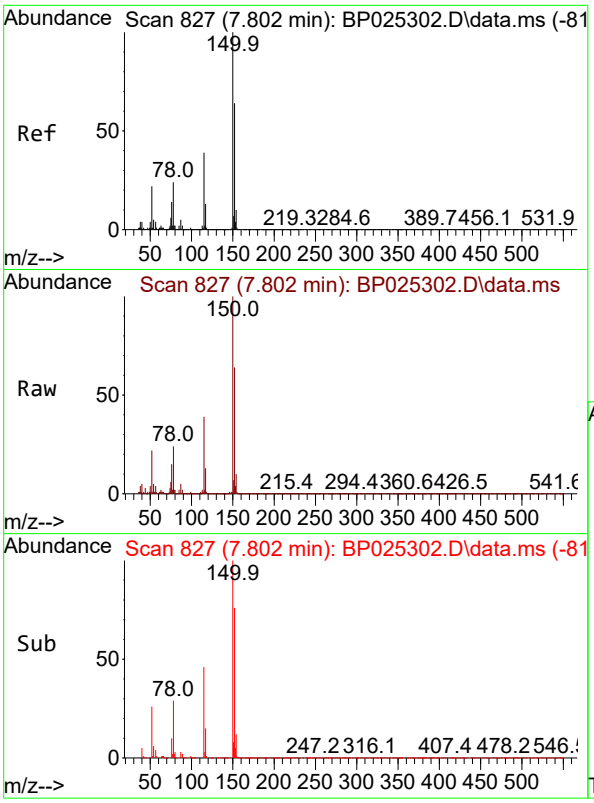
Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

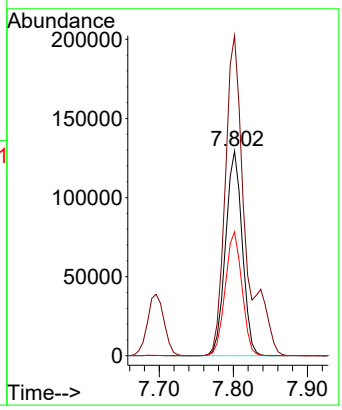




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:152 Resp: 20196

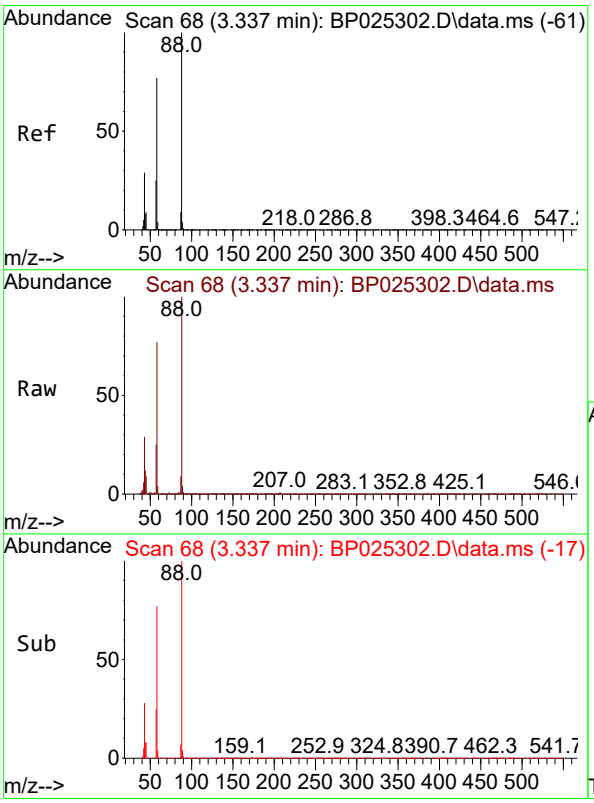
Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	60.5	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

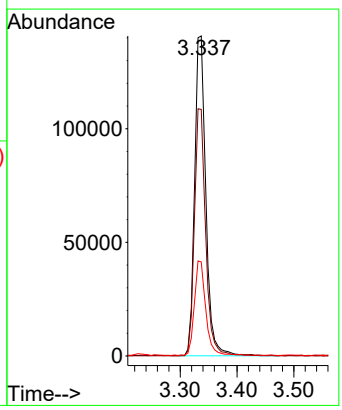
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

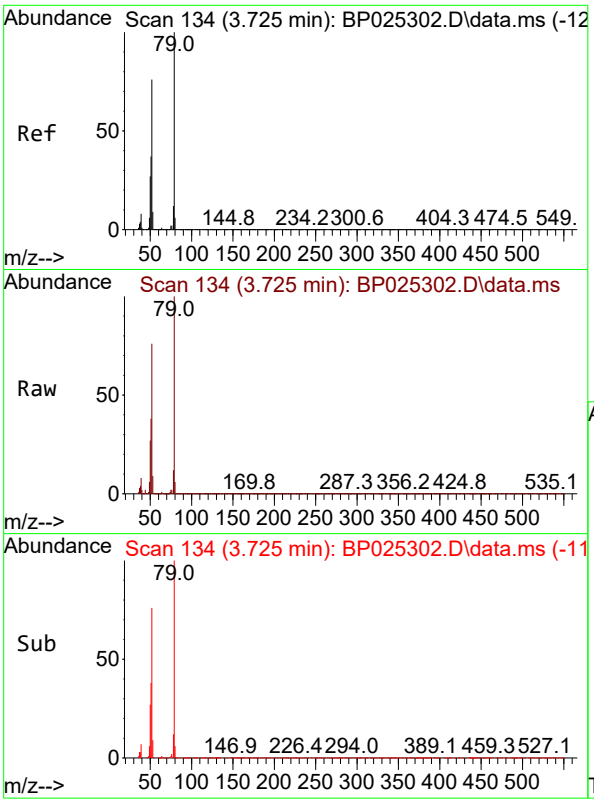


#2
1,4-Dioxane
Concen: 39.221 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 88 Resp: 194354

Ion	Ratio	Lower	Upper
88	100		
58	77.4	61.9	92.9
43	30.2	24.2	36.2

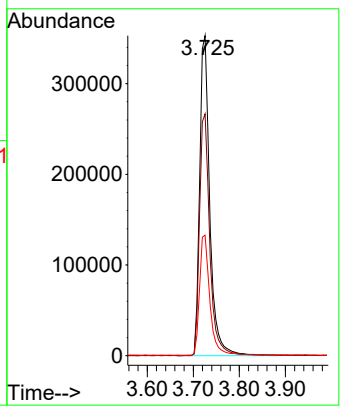




#3
Pyridine
Concen: 39.325 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 79 Resp: 54140

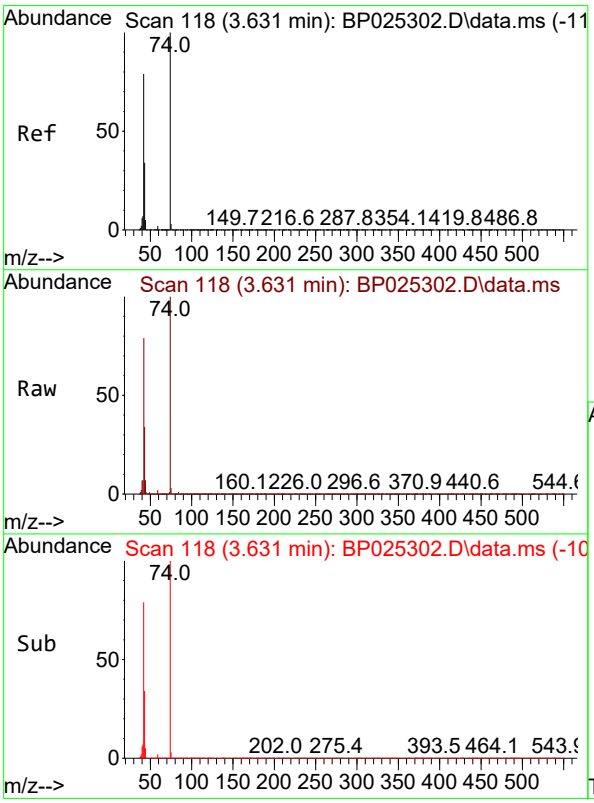
Ion	Ratio	Lower	Upper
79	100		
52	75.6	60.5	90.7
51	37.7	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

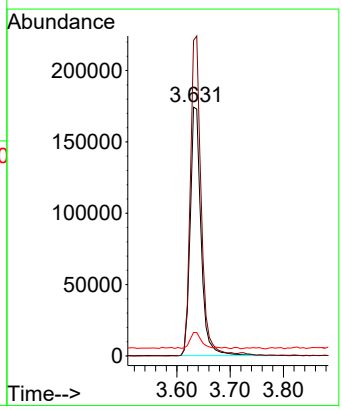
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

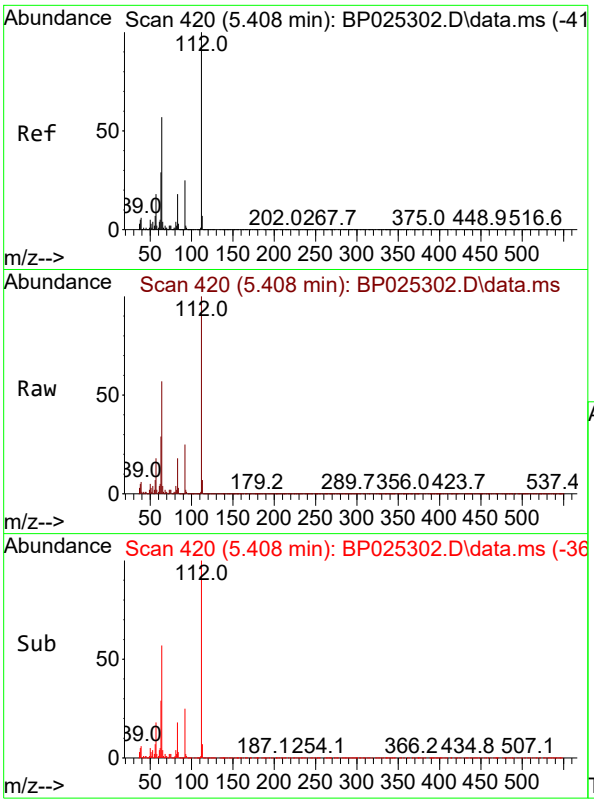


#4
n-Nitrosodimethylamine
Concen: 38.631 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 42 Resp: 246918

Ion	Ratio	Lower	Upper
42	100		
74	126.8	101.4	152.2
44	9.5	7.6	11.4





#5
2-Fluorophenol
Concen: 78.838 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

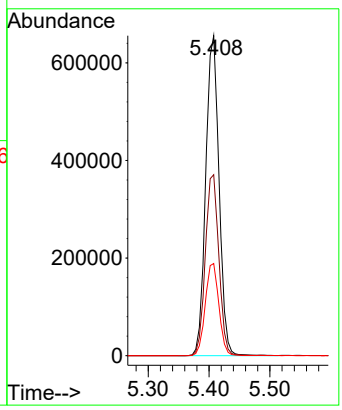
Tgt Ion:112 Resp: 99640

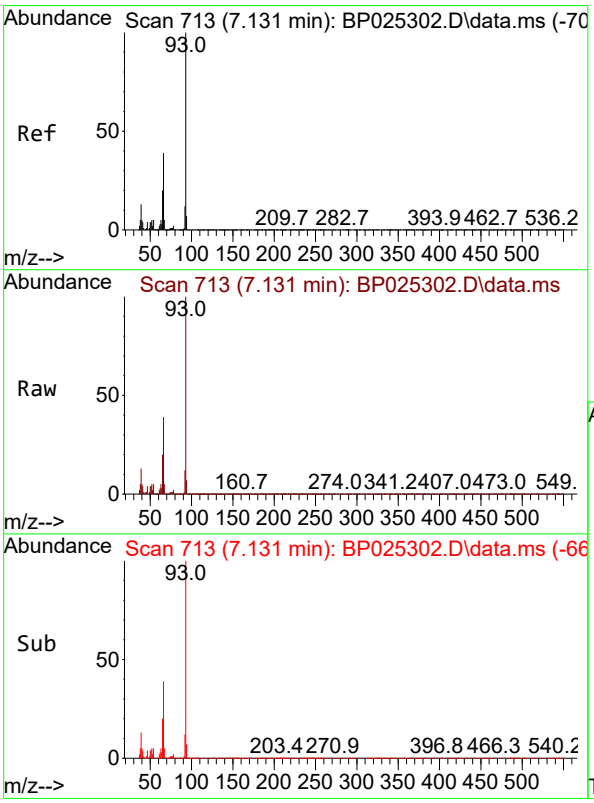
Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.3	67.9
63	28.8	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

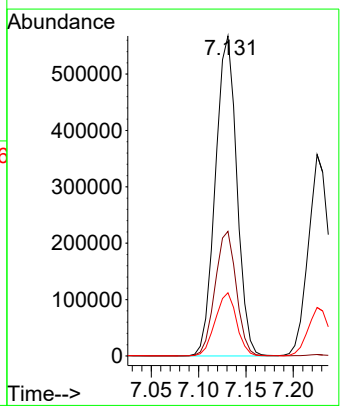


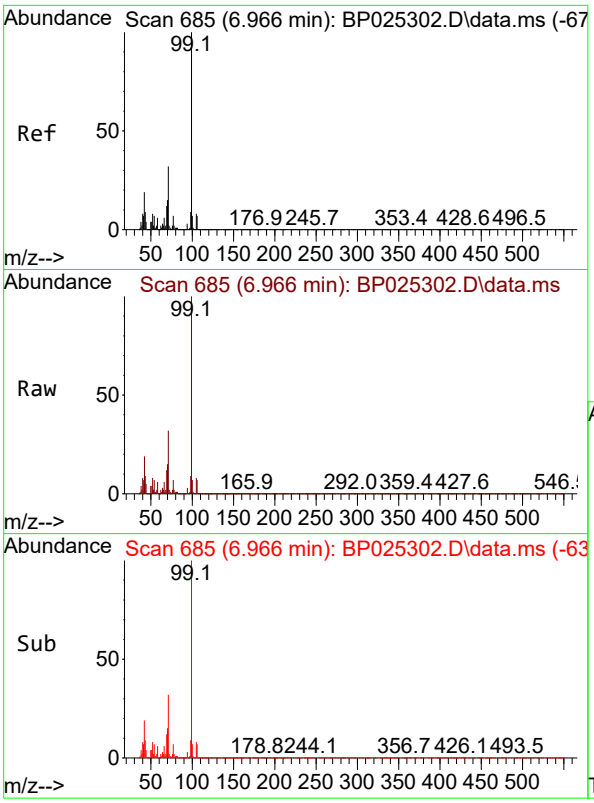


#6
Aniline
Concen: 39.490 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 895891

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.1	46.7
65	19.8	15.8	23.8

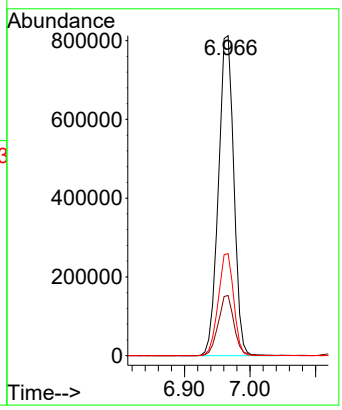




#7
Phenol-d6
Concen: 79.077 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 99 Resp: 131837

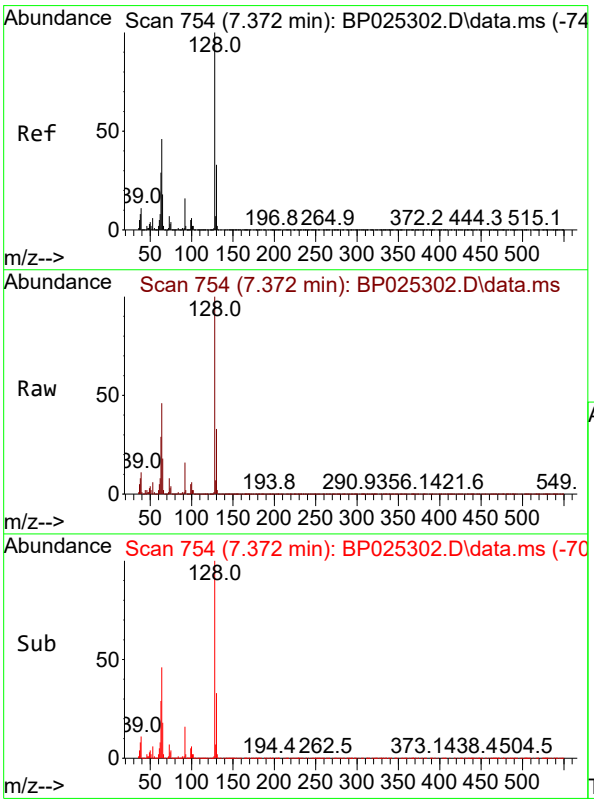
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	31.9	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

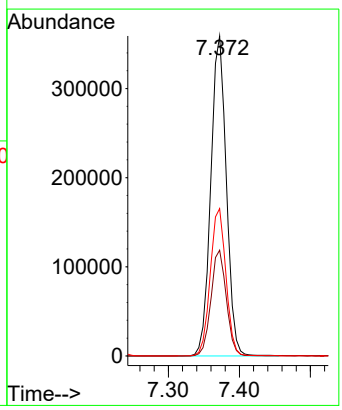
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

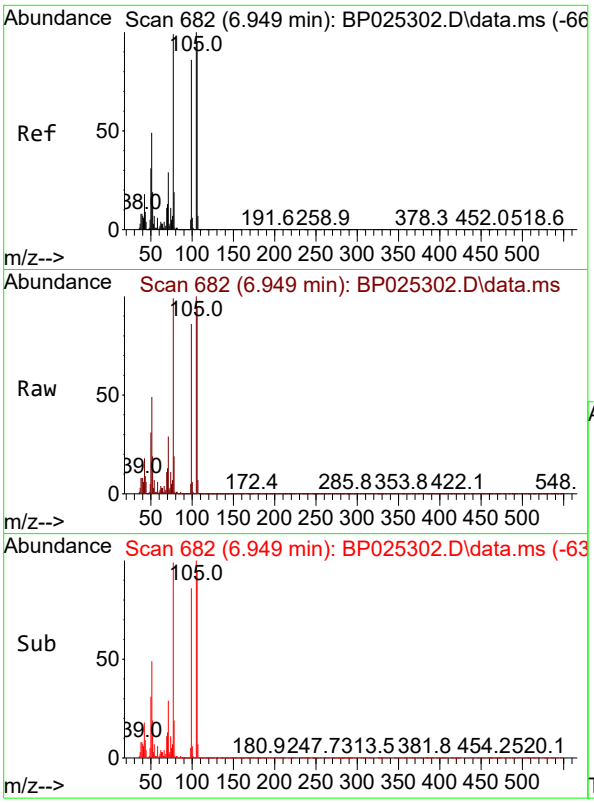


#8
2-Chlorophenol
Concen: 39.670 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:128 Resp: 545256

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	46.1	26.1	66.1





#9
Benzaldehyde
Concen: 48.256 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

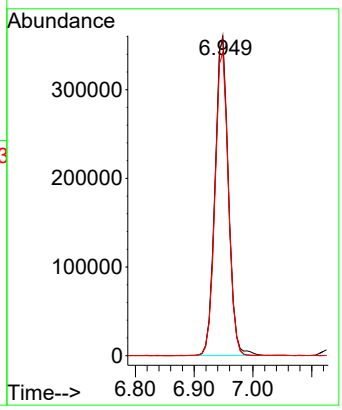
Tgt Ion: 77 Resp: 56641

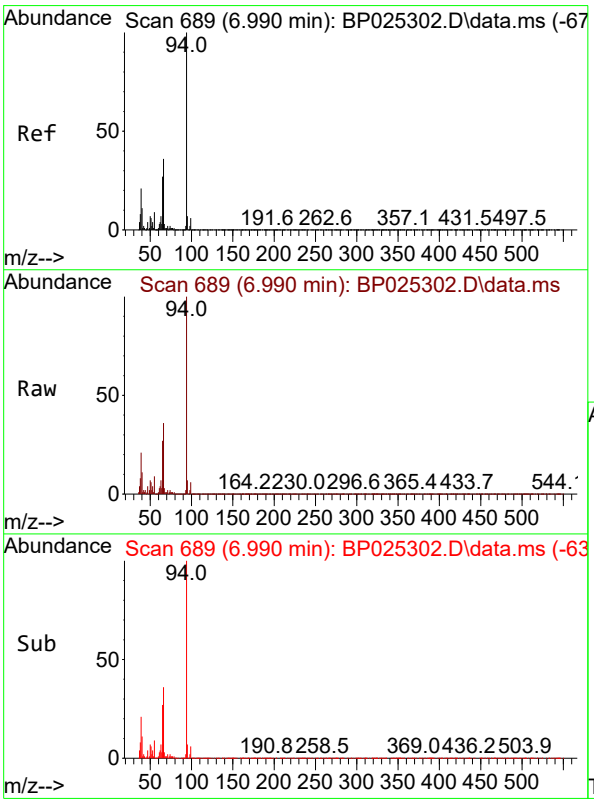
Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.4	121.4
106	96.2	76.2	116.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

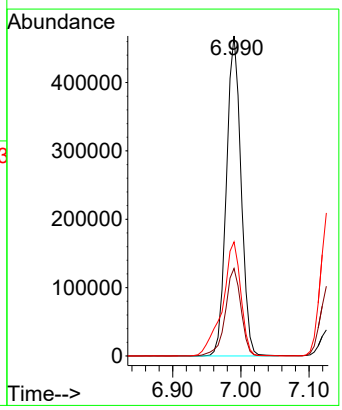


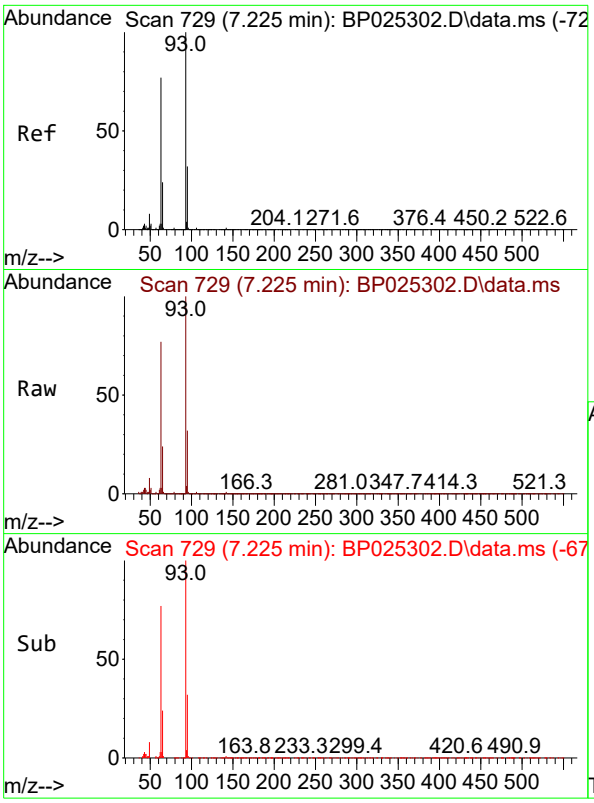


#10
Phenol
Concen: 39.538 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 94 Resp: 699120

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.3	47.3
66	35.7	15.7	55.7

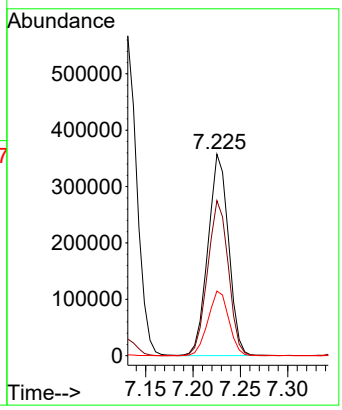




#11
bis(2-Chloroethyl)ether
Concen: 38.975 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 53998

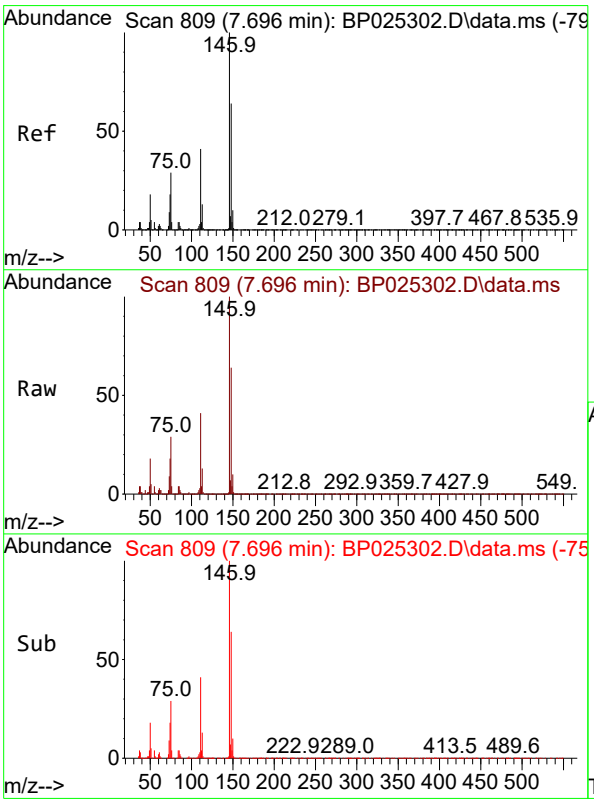
Ion	Ratio	Lower	Upper
93	100		
63	77.0	57.0	97.0
95	32.1	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

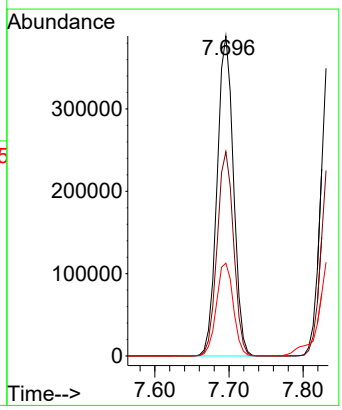
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

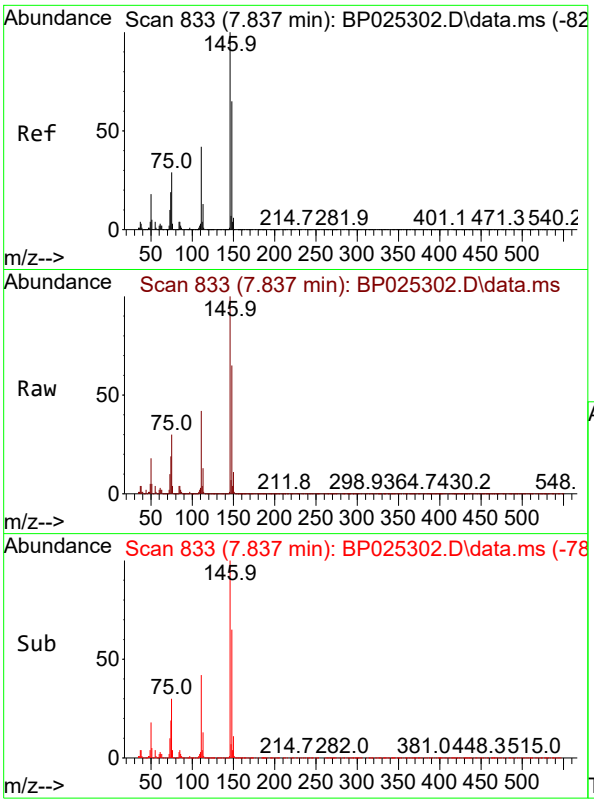


#12
1,3-Dichlorobenzene
Concen: 38.533 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 595110

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	29.0	23.2	34.8

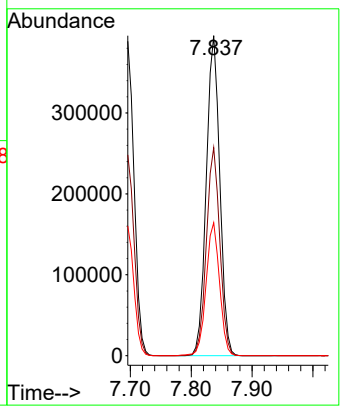




#13
1,4-Dichlorobenzene
Concen: 38.983 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 60911

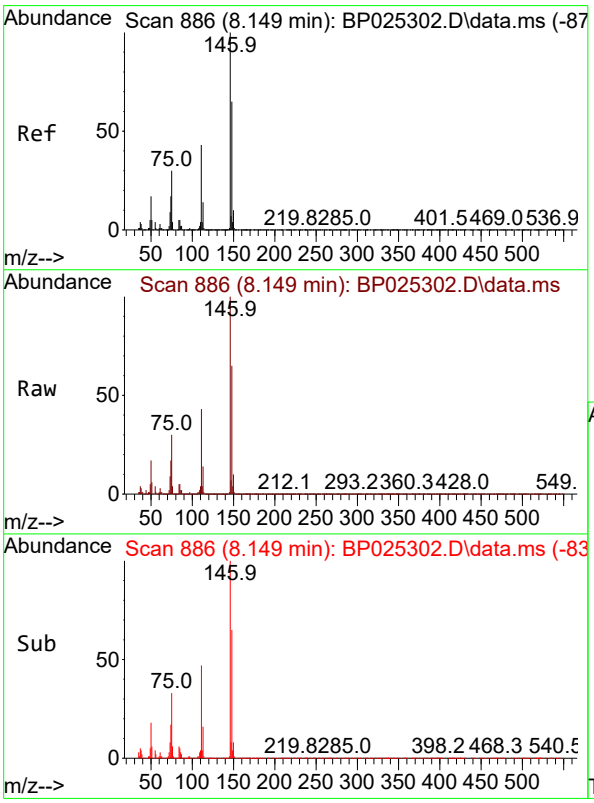
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	41.5	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

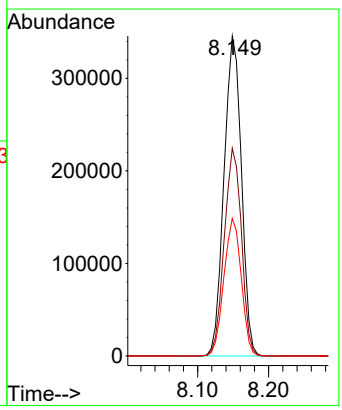
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

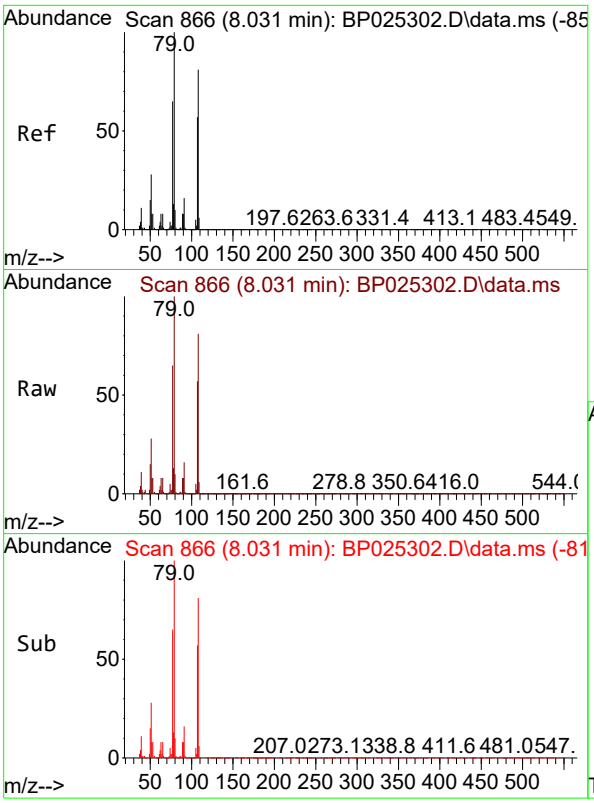


#14
1,2-Dichlorobenzene
Concen: 38.826 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 587683

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	43.0	34.4	51.6





#15
Benzyl Alcohol
Concen: 39.218 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

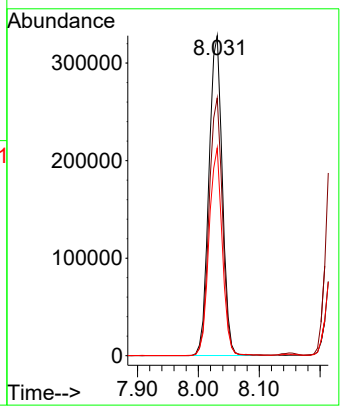
Tgt Ion: 79 Resp: 50238

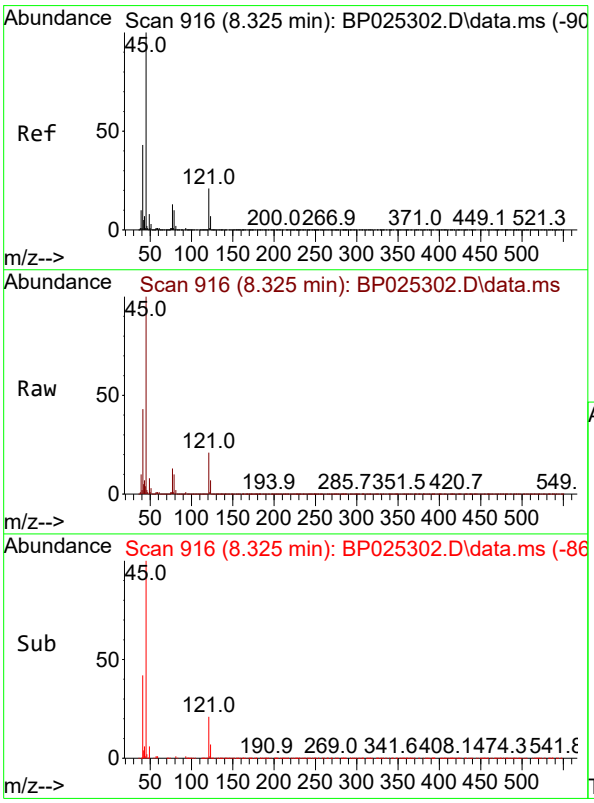
Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.5	96.7
77	64.9	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

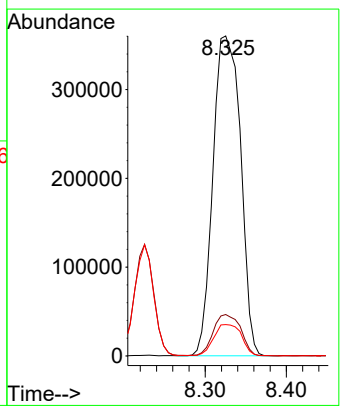


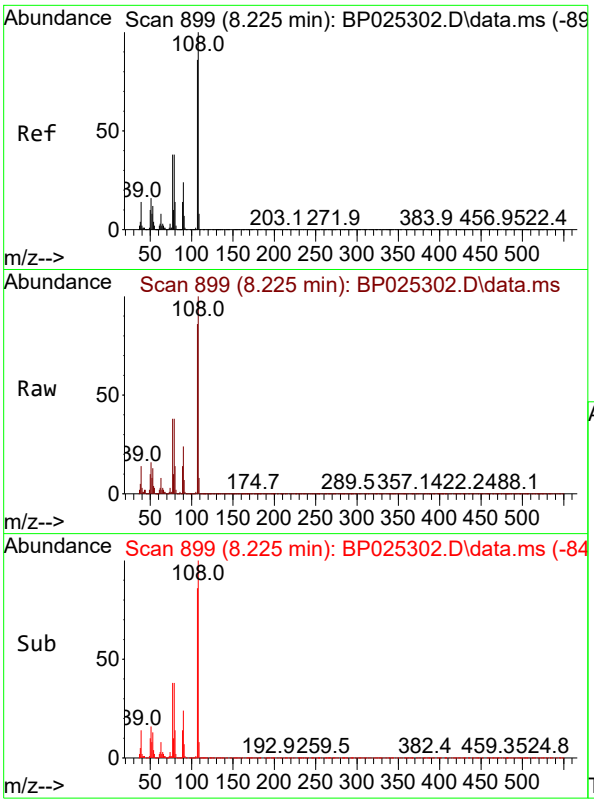


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.879 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 45 Resp: 850917

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.0
79	9.8	0.0	29.8

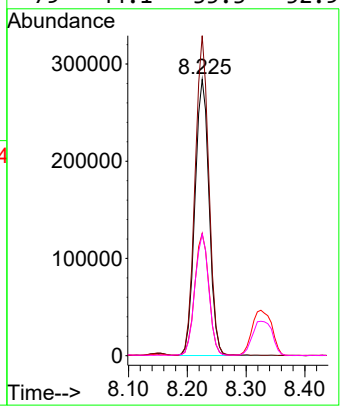




#17
2-Methylphenol
Concen: 40.146 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 47498

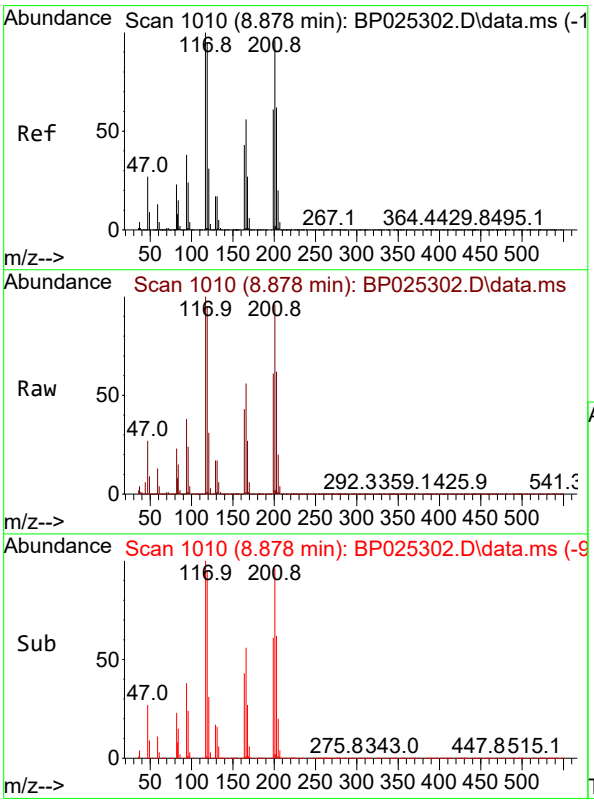
Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.6	139.0
77	44.3	35.4	53.2
79	44.1	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

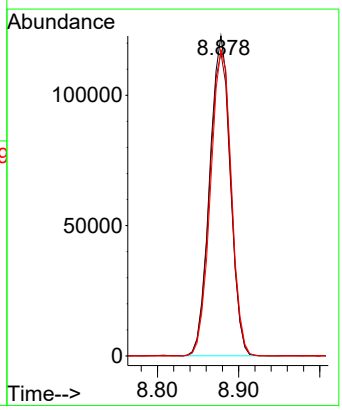
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

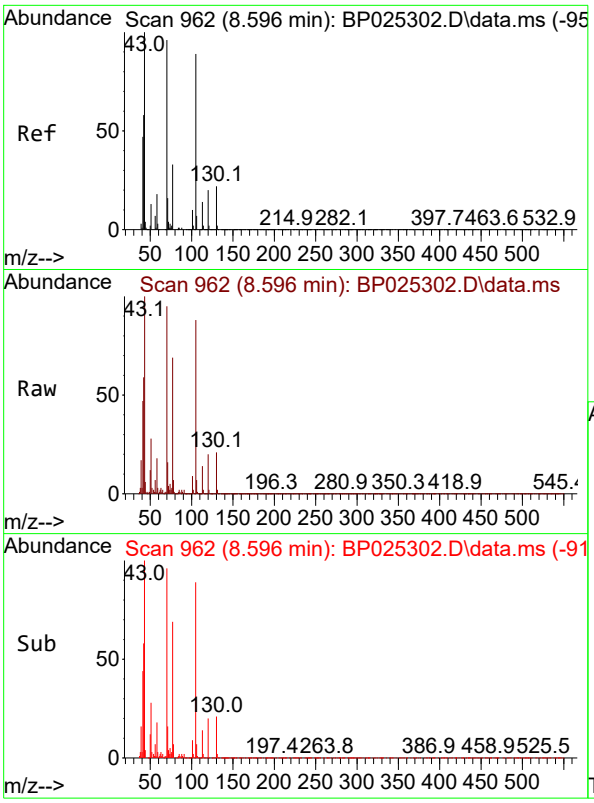


#18
Hexachloroethane
Concen: 39.037 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:117 Resp: 218135

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	95.7	76.6	114.8

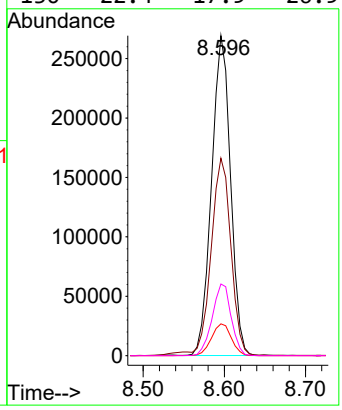




#19
n-Nitroso-di-n-propylamine
Concen: 40.160 ng
RT: 8.596 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 70 Resp: 43605(

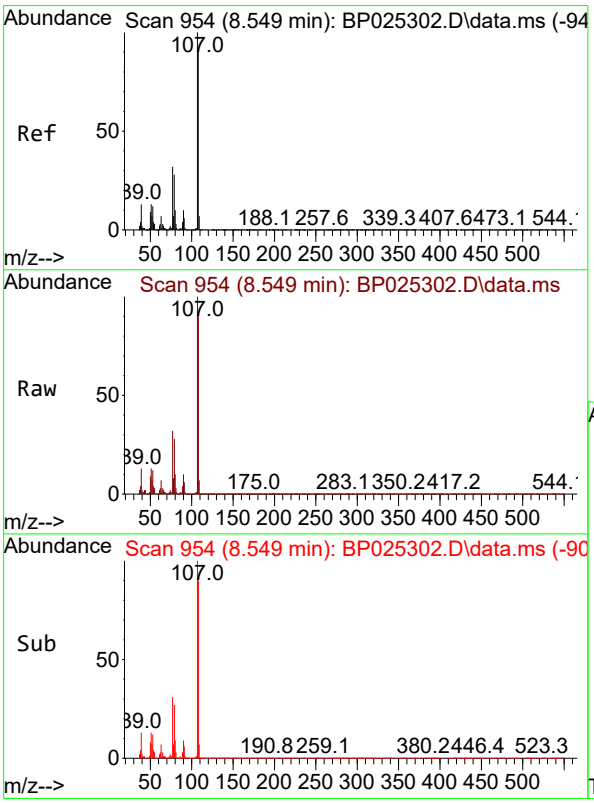
Ion	Ratio	Lower	Upper
70	100		
42	61.7	49.4	74.0
101	9.9	7.9	11.9
130	22.4	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

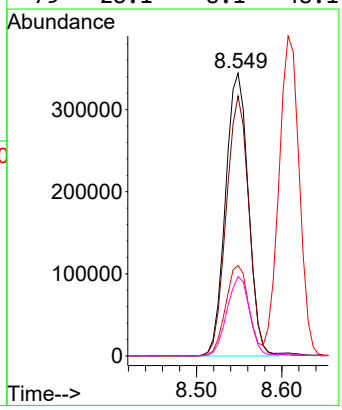
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

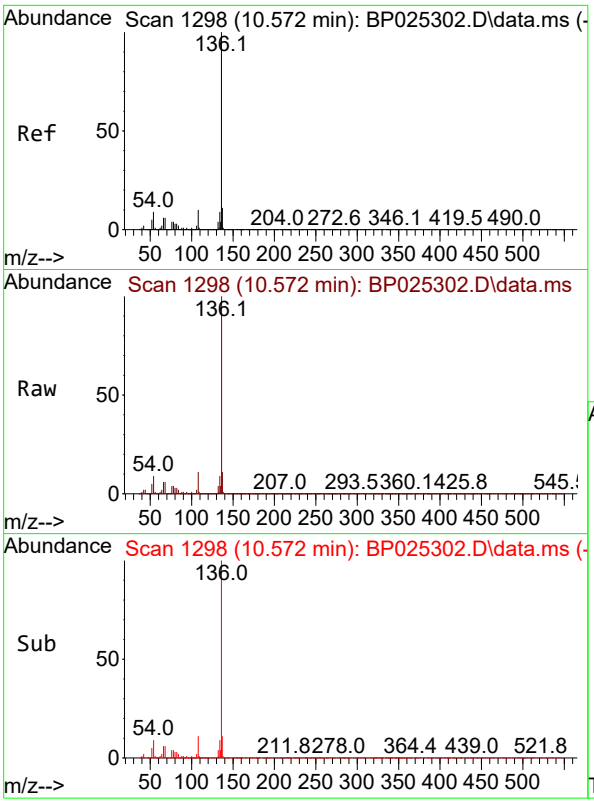


#20
3+4-Methylphenols
Concen: 39.342 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 640969

Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.9	111.9
77	32.0	12.0	52.0
79	28.1	8.1	48.1

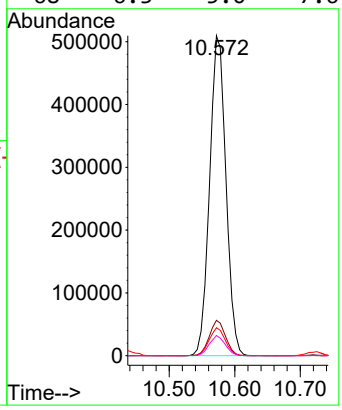




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:136 Resp: 88064

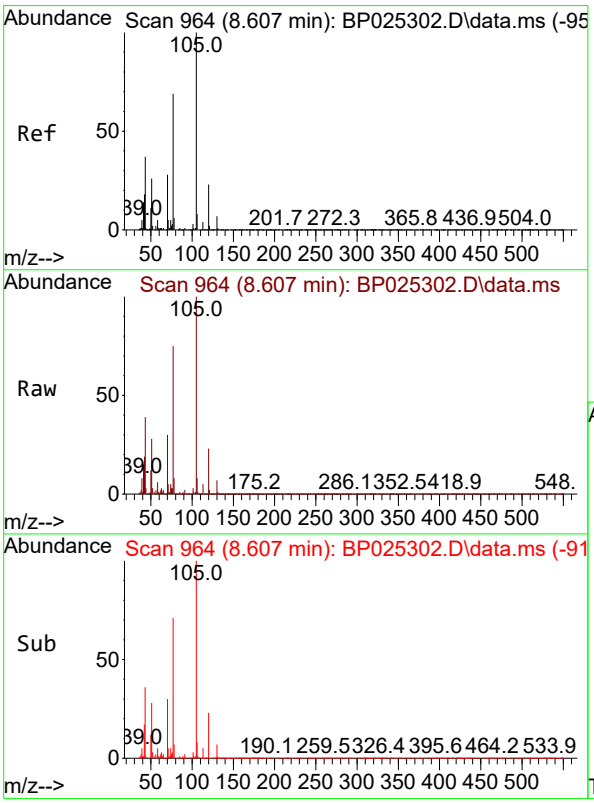
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.0	10.6
68	6.3	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

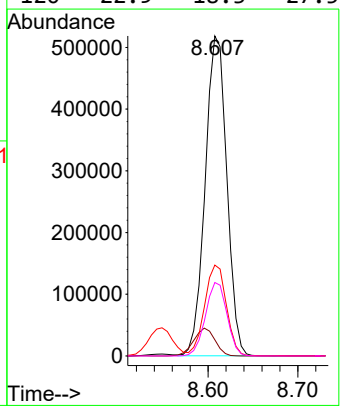
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

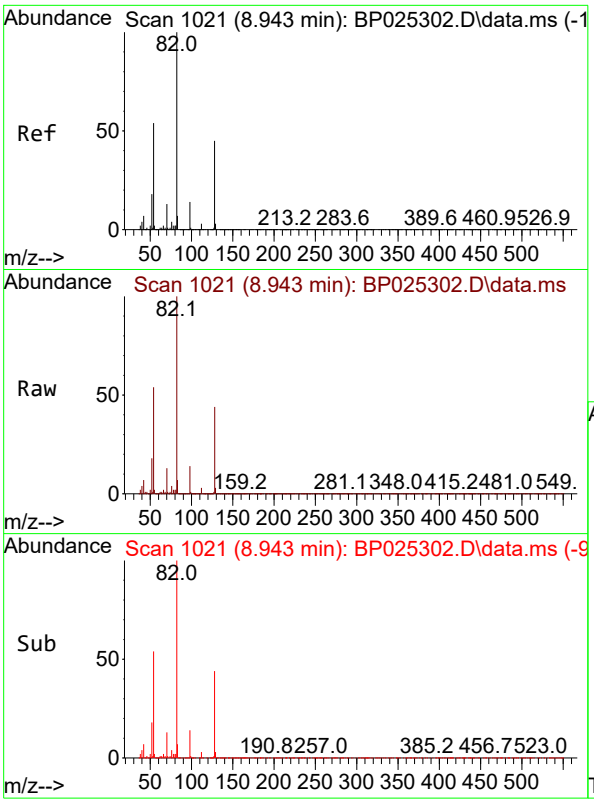


#22
Acetophenone
Concen: 39.255 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:105 Resp: 867835

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	28.4	22.7	34.1
120	22.9	18.3	27.5

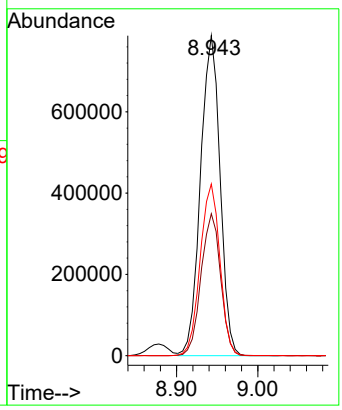




#23
Nitrobenzene-d5
Concen: 80.869 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 82 Resp: 131625

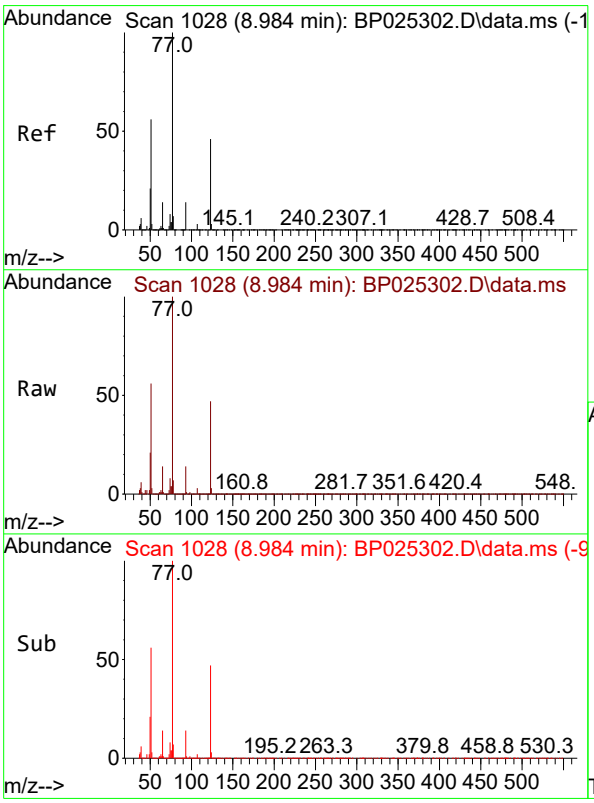
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.4	53.2
54	53.6	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

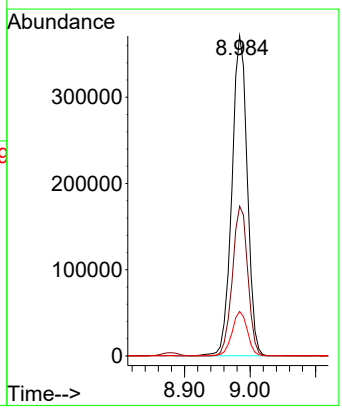
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

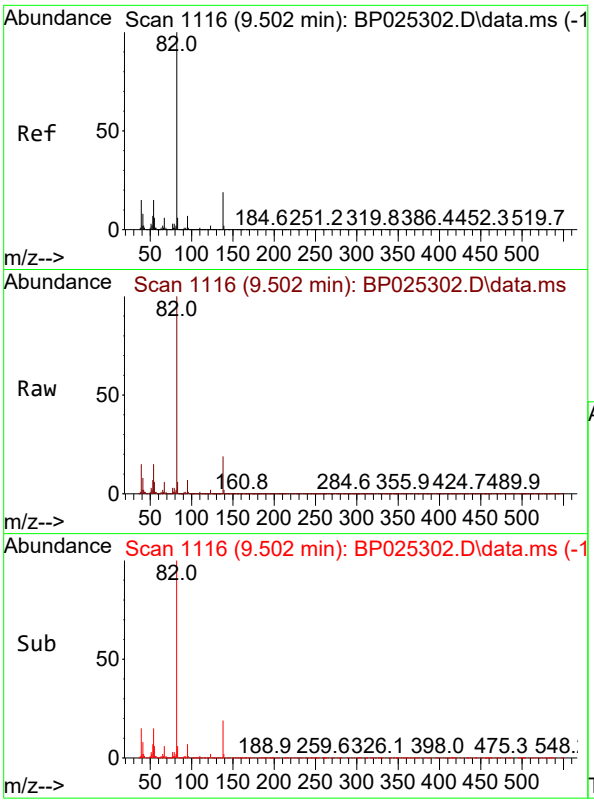


#24
Nitrobenzene
Concen: 40.280 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 77 Resp: 606097

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.4	56.2
65	13.9	11.1	16.7

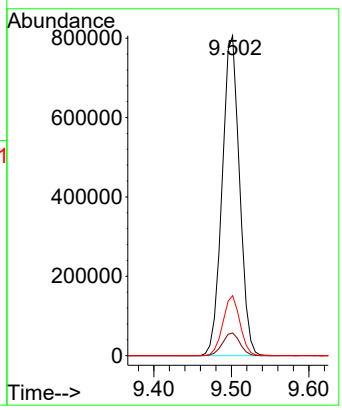




#25
Isophorone
Concen: 39.682 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 82 Resp: 125561

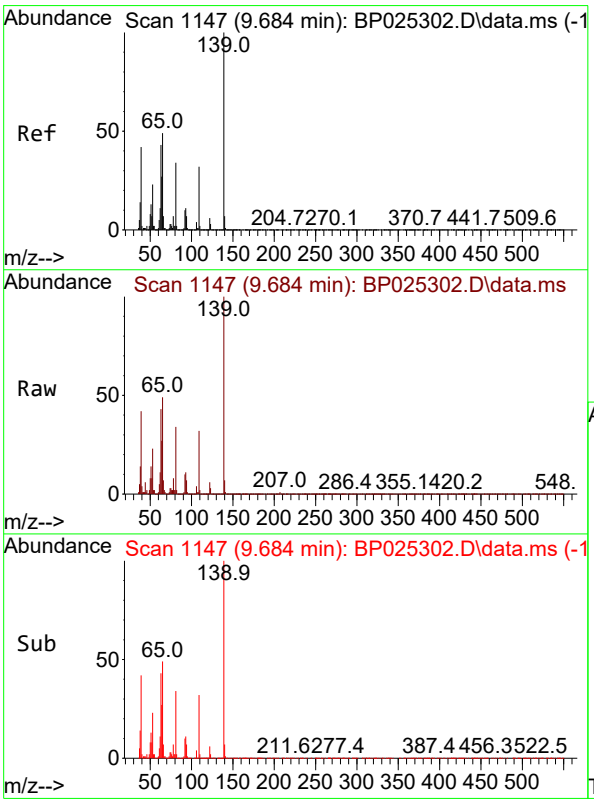
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.8	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

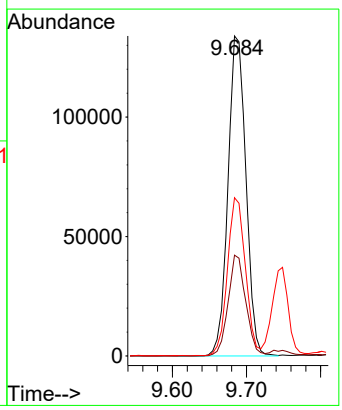
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

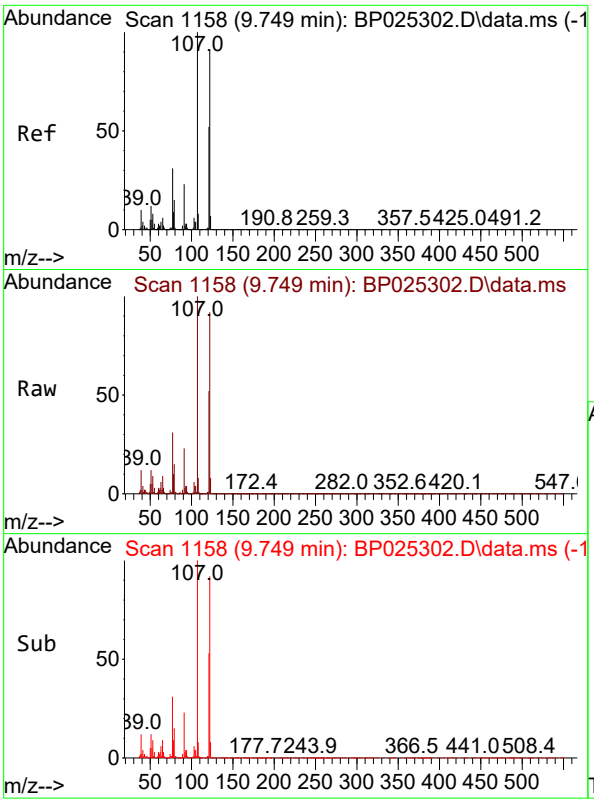


#26
2-Nitrophenol
Concen: 35.376 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:139 Resp: 225091

Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.2	37.8
65	49.5	39.6	59.4

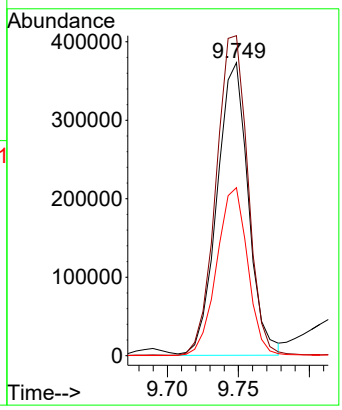




#27
2,4-Dimethylphenol
Concen: 39.137 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:122 Resp: 57093

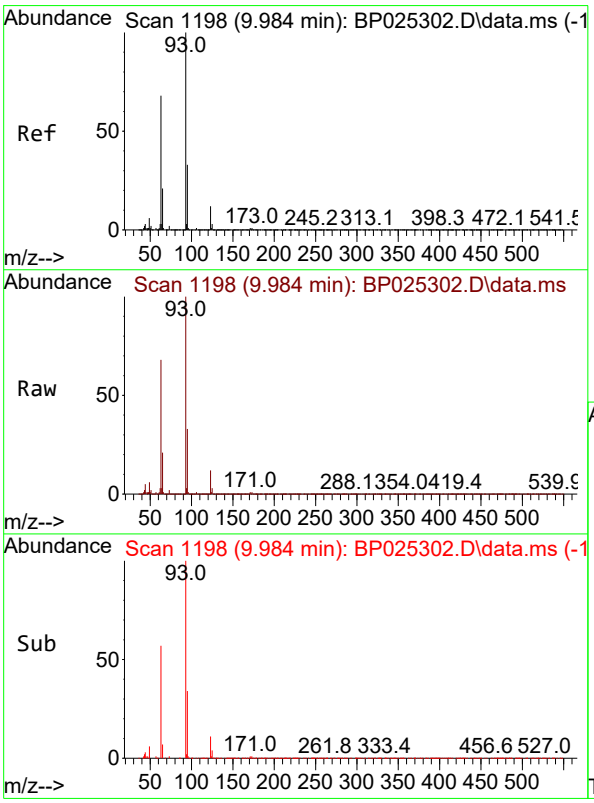
Ion	Ratio	Lower	Upper
122	100		
107	109.2	87.4	131.0
121	57.3	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

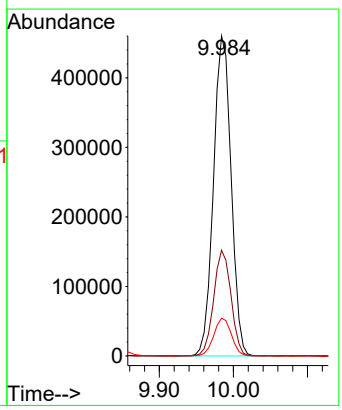
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

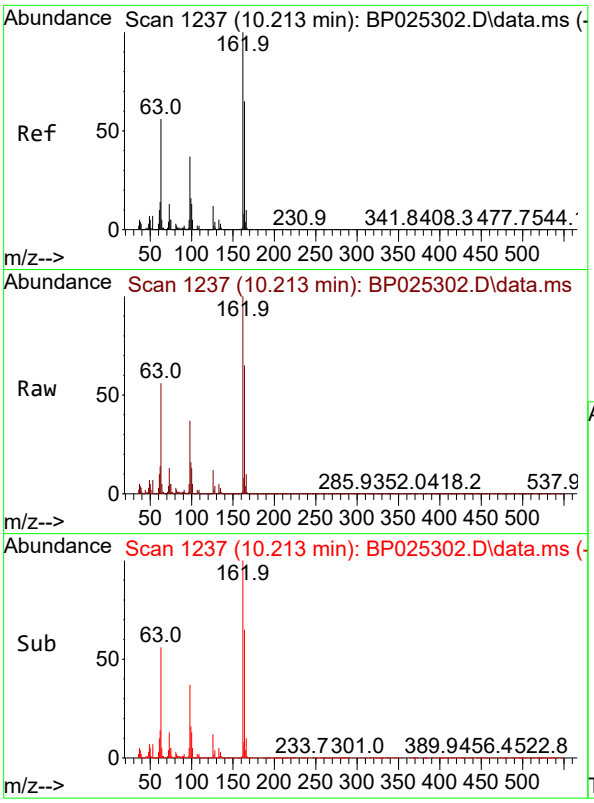


#28
bis(2-Chloroethoxy)methane
Concen: 39.476 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 759841

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	9.4	14.2

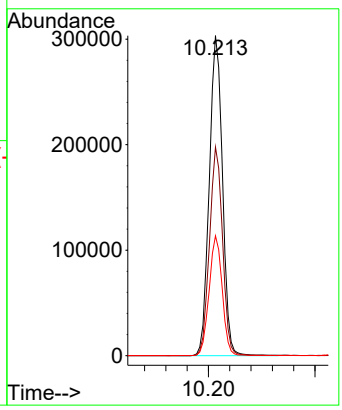




#29
2,4-Dichlorophenol
Concen: 40.884 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:162 Resp: 52215

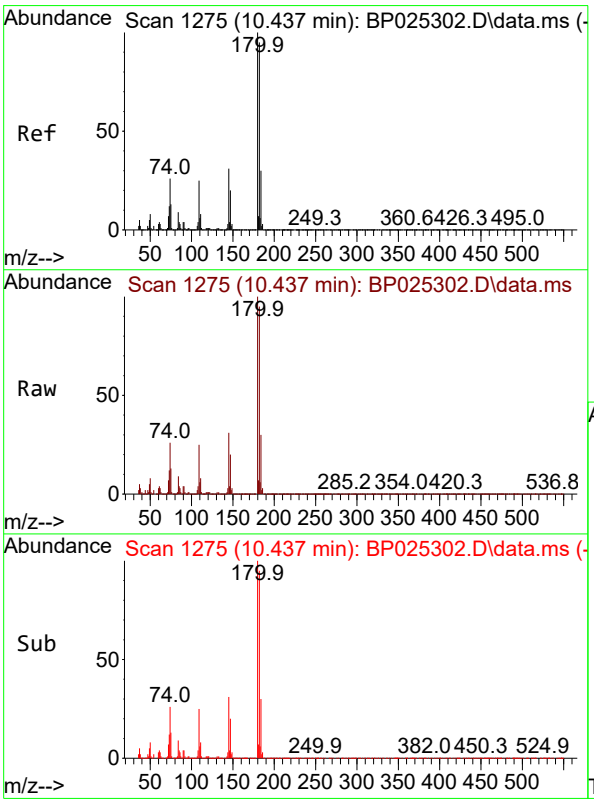
Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	37.5	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

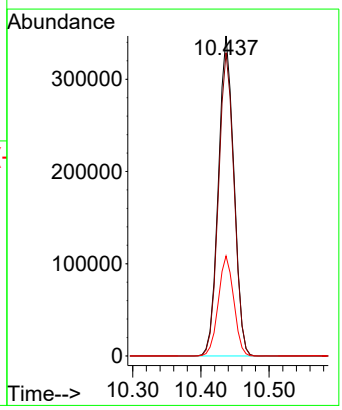
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

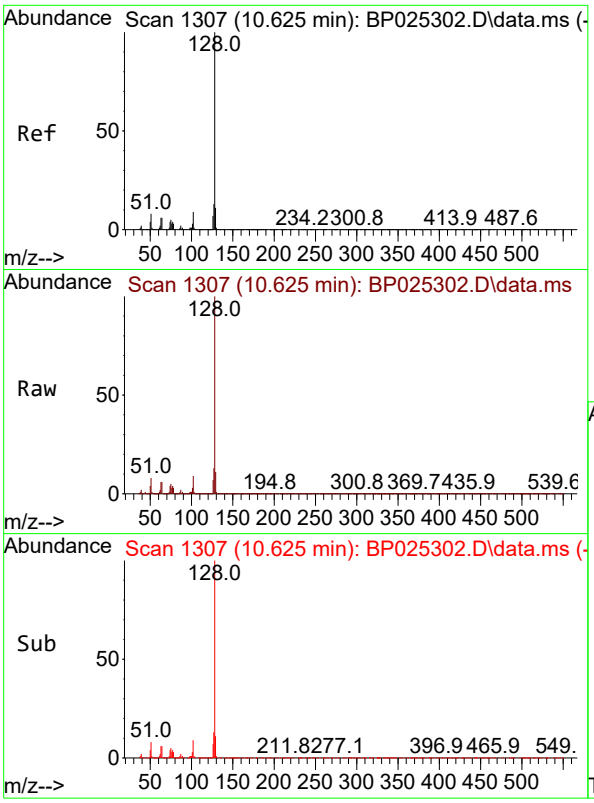


#30
1,2,4-Trichlorobenzene
Concen: 38.956 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:180 Resp: 548893

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	31.2	25.0	37.4

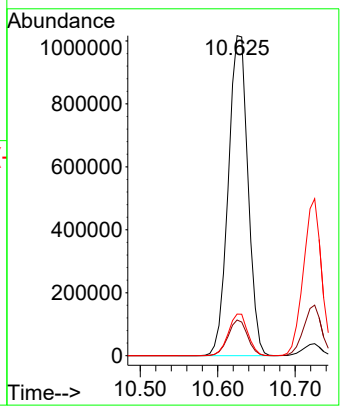




#31
Naphthalene
Concen: 39.178 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:128 Resp: 179108

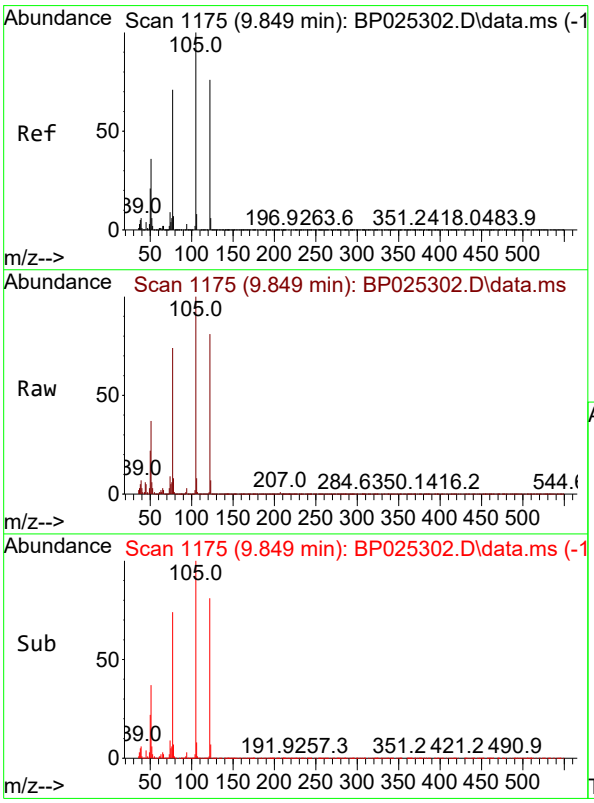
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

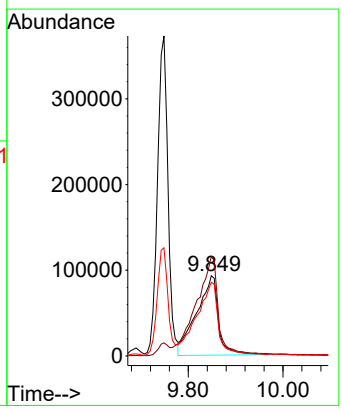
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

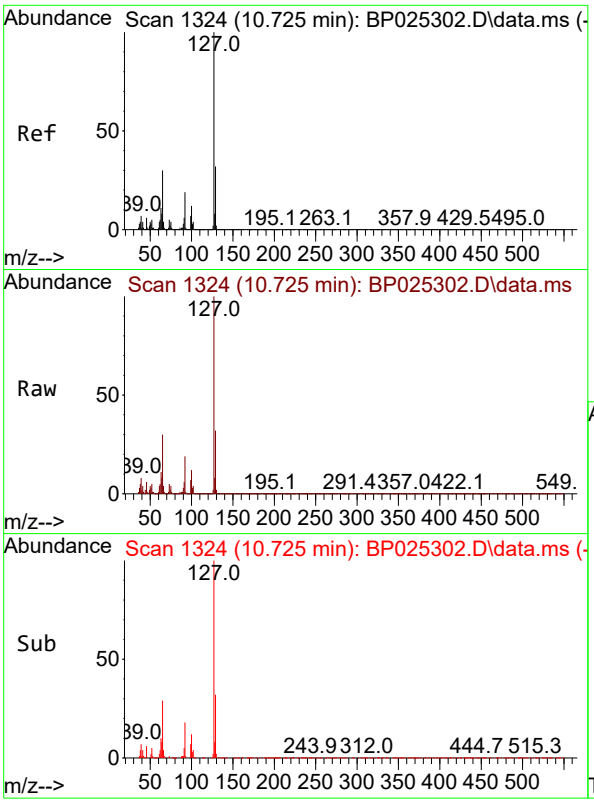


#32
Benzoic acid
Concen: 38.952 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:122 Resp: 297213

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.0	144.0
77	91.8	71.8	111.8

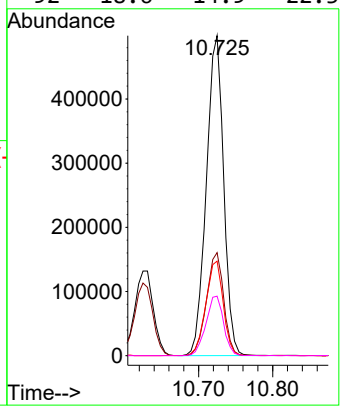




#33
4-Chloroaniline
Concen: 39.774 ng
RT: 10.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:127 Resp: 80871

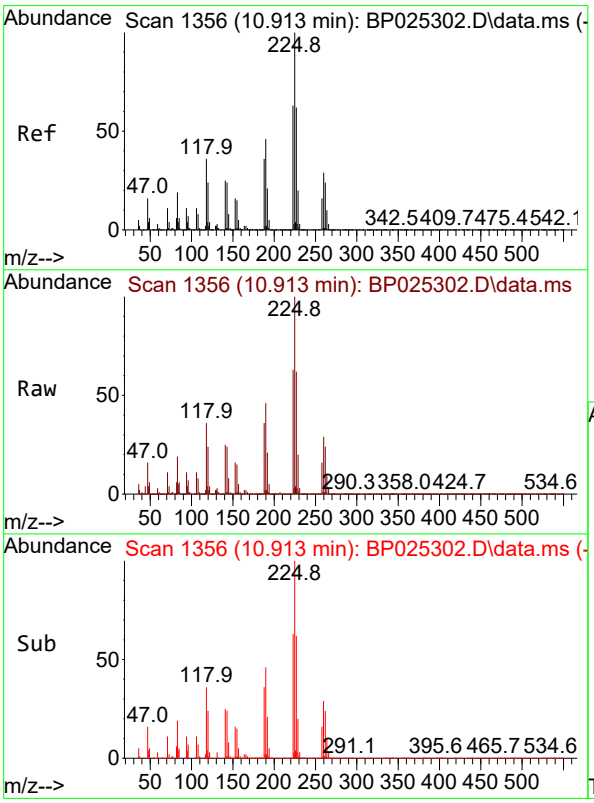
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.5	23.6	35.4
92	18.6	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

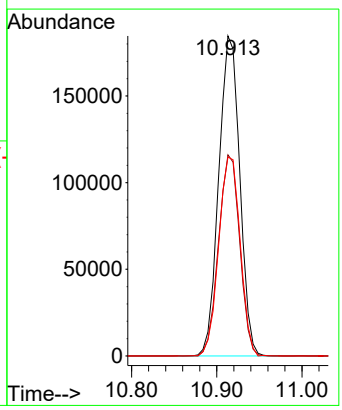
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

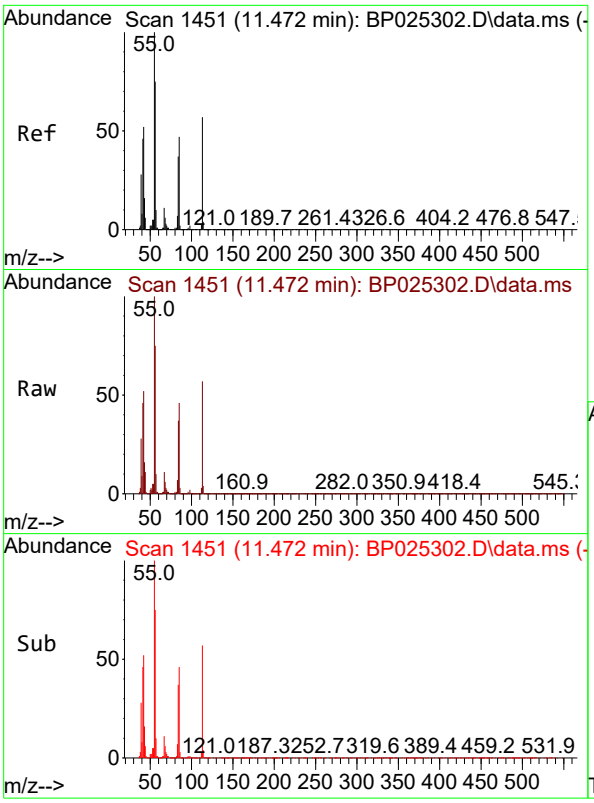


#34
Hexachlorobutadiene
Concen: 39.122 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:225 Resp: 316426

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	62.1	49.7	74.5

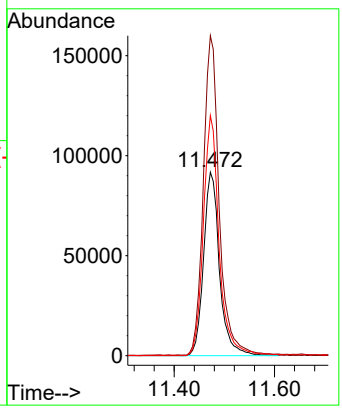




#35
Caprolactam
Concen: 40.802 ng
RT: 11.472 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:113 Resp: 20260

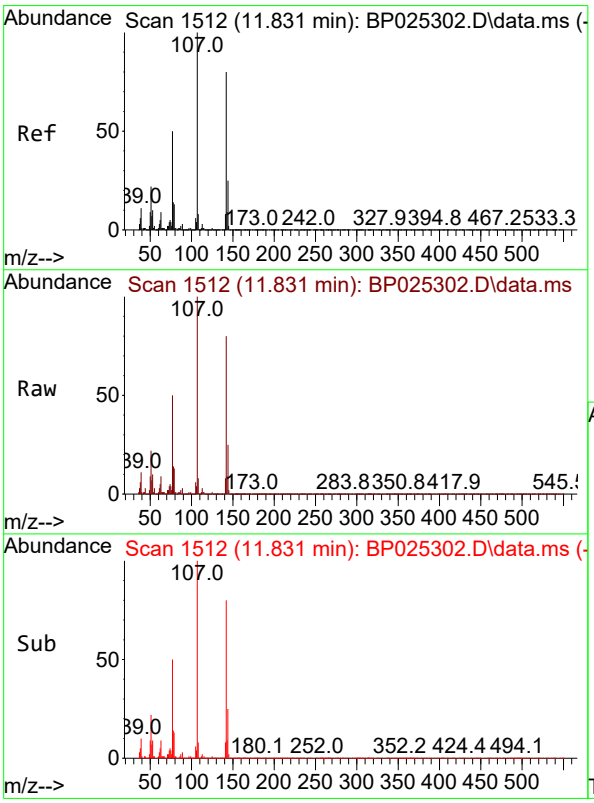
Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.4	194.4
56	130.9	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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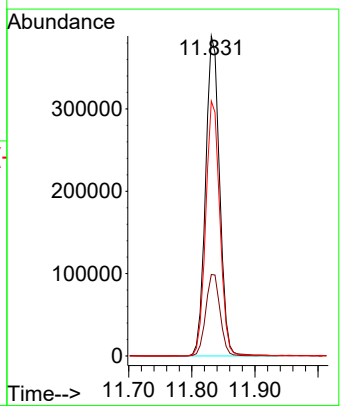
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

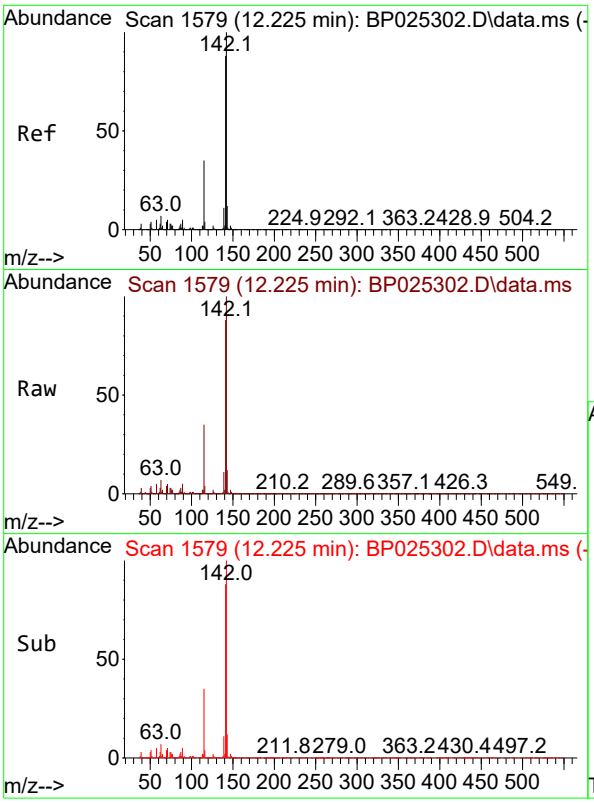


#36
4-Chloro-3-methylphenol
Concen: 40.617 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 600241

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.6	63.7	95.5

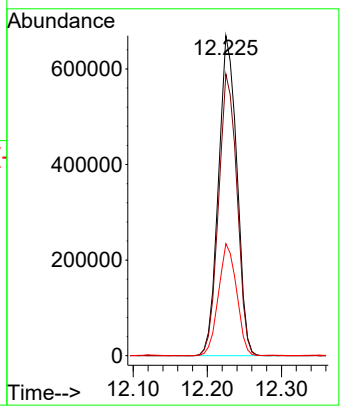




#37
2-Methylnaphthalene
Concen: 39.028 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:142 Resp: 115483

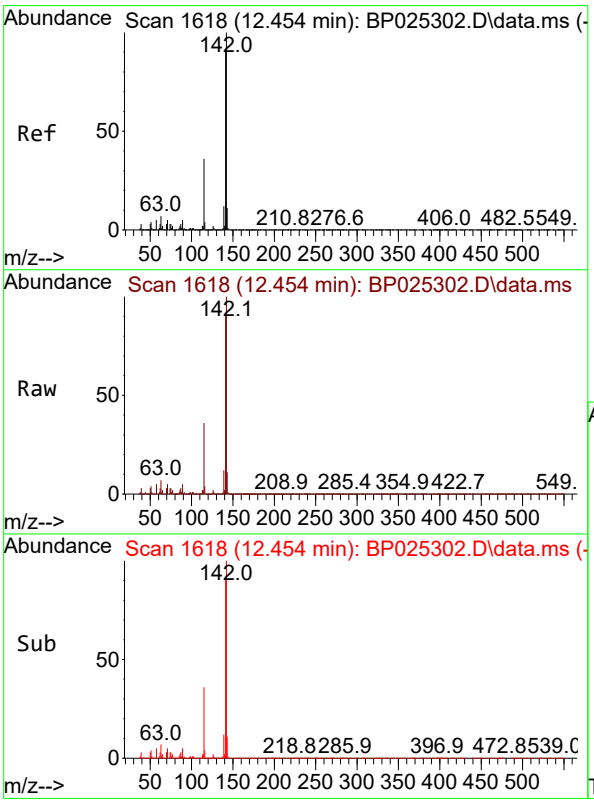
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	35.0	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

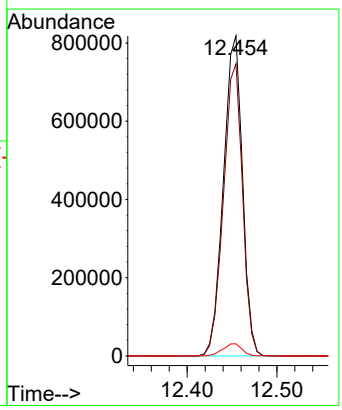
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

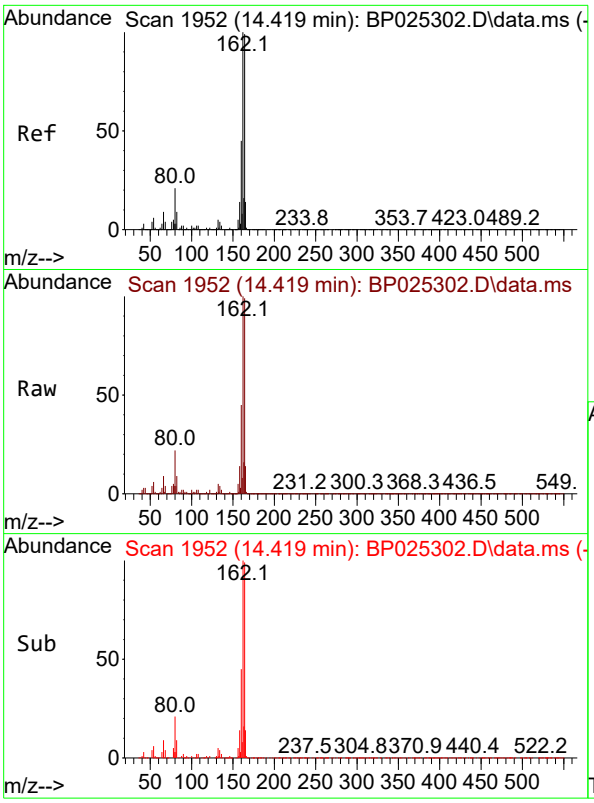


#38
1-Methylnaphthalene
Concen: 39.032 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:142 Resp: 1205124

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
116	3.8	3.0	4.6

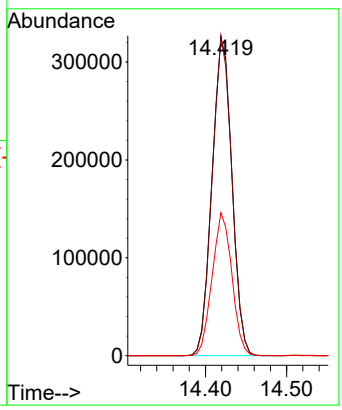




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:164 Resp: 55428

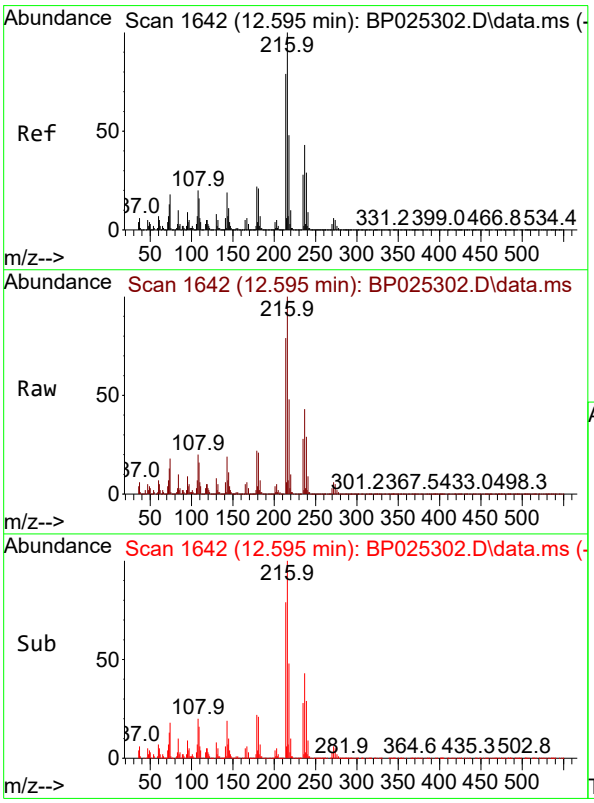
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.9	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

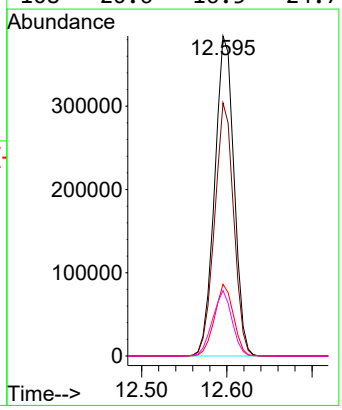
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

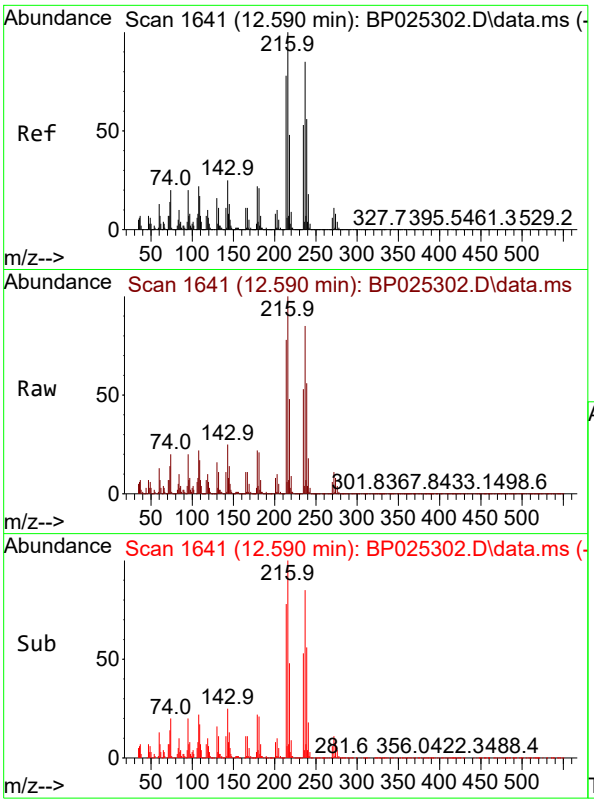


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.051 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:216 Resp: 606083

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	21.9	17.5	26.3
108	20.6	16.5	24.7

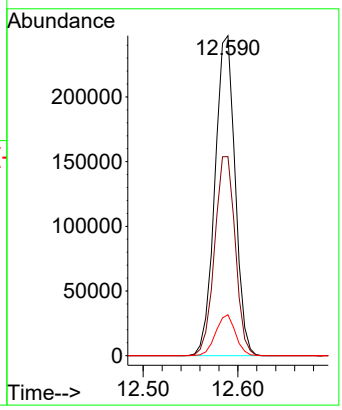




#41
Hexachlorocyclopentadiene
Concen: 39.278 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:237 Resp: 36685

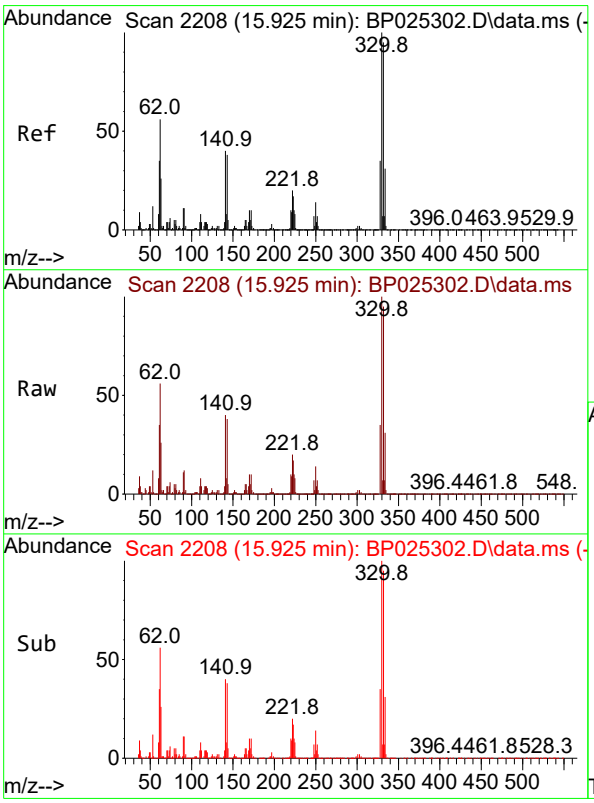
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.2	82.2
272	12.8	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

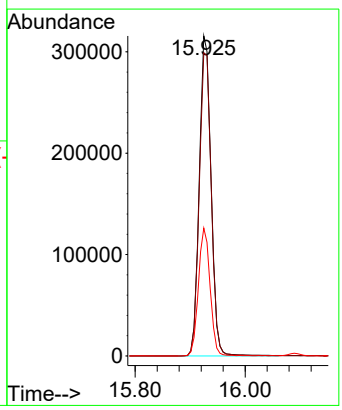
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

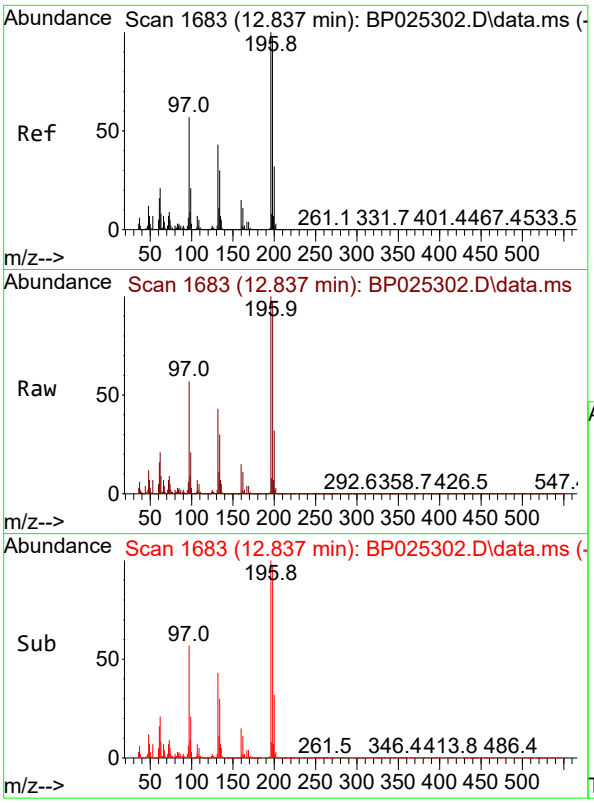


#42
2,4,6-Tribromophenol
Concen: 82.296 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:330 Resp: 470979

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	39.6	31.7	47.5

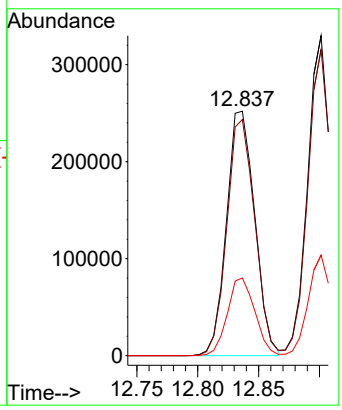




#43
2,4,6-Trichlorophenol
Concen: 41.576 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:196 Resp: 40643

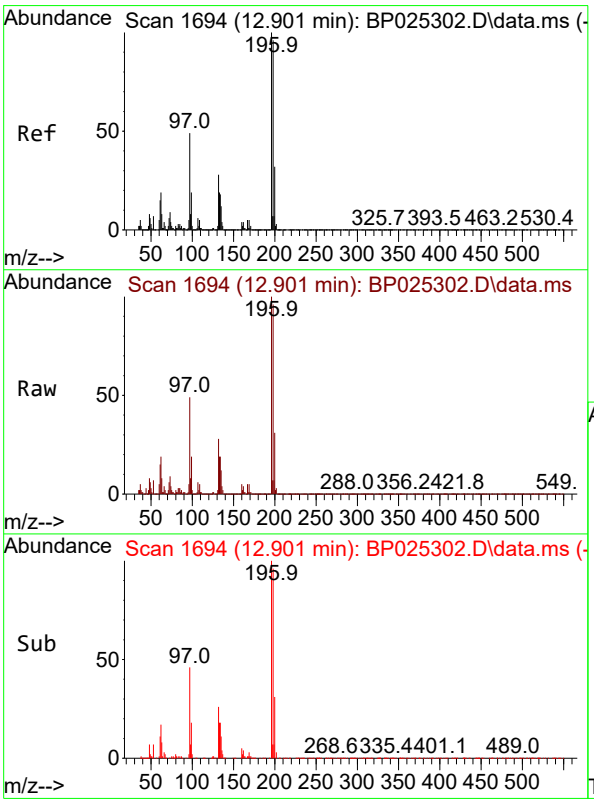
Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
200	31.8	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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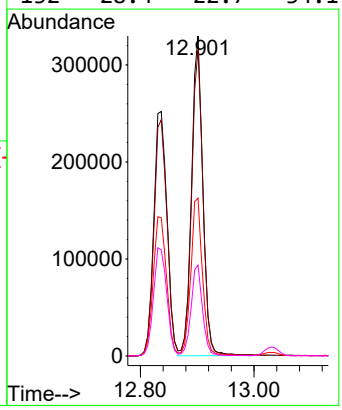
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

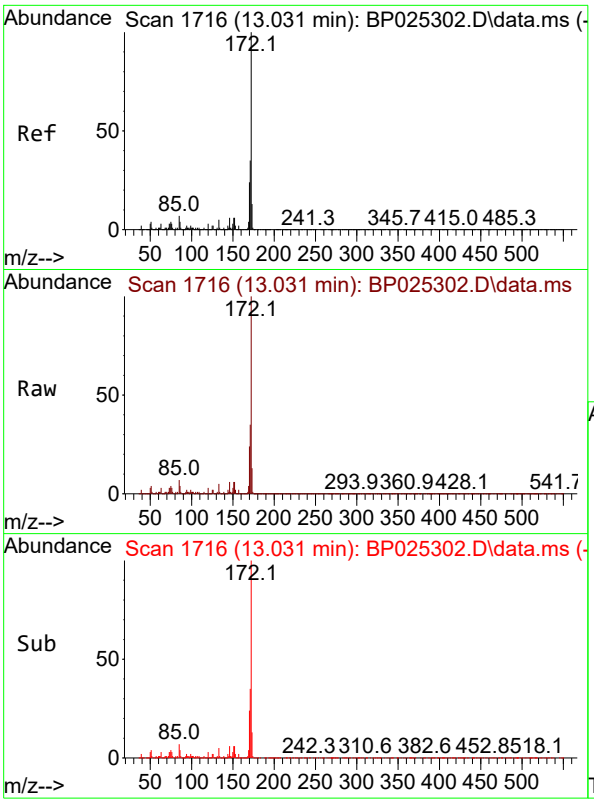


#44
2,4,5-Trichlorophenol
Concen: 41.667 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:196 Resp: 456928

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	49.4	39.5	59.3
132	28.4	22.7	34.1

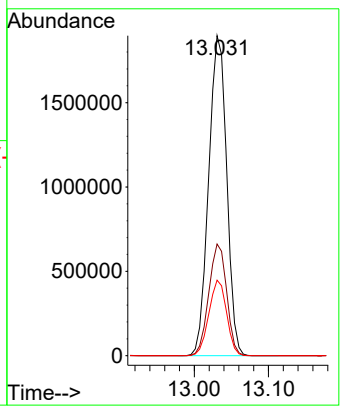




#45
2-Fluorobiphenyl
Concen: 80.179 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:172 Resp: 320051

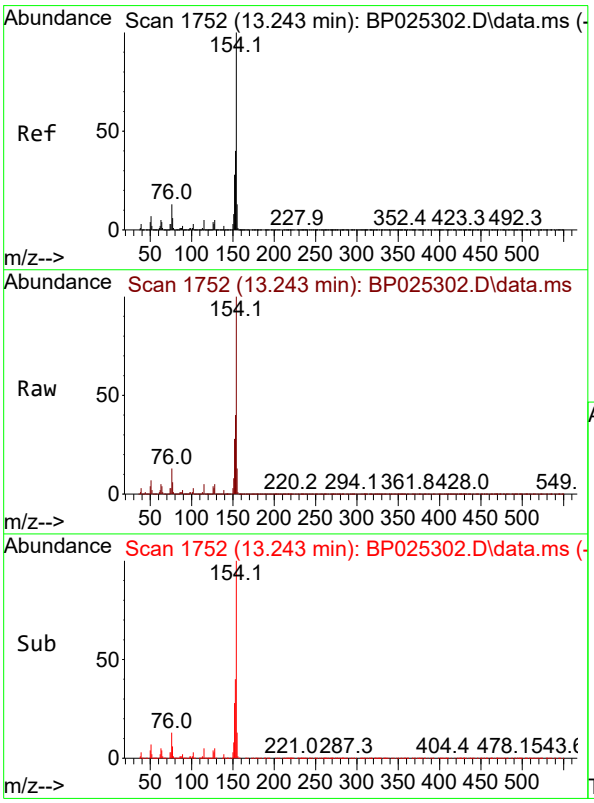
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

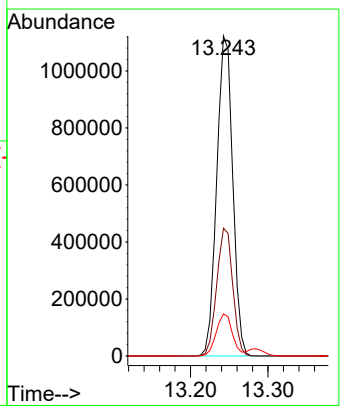
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

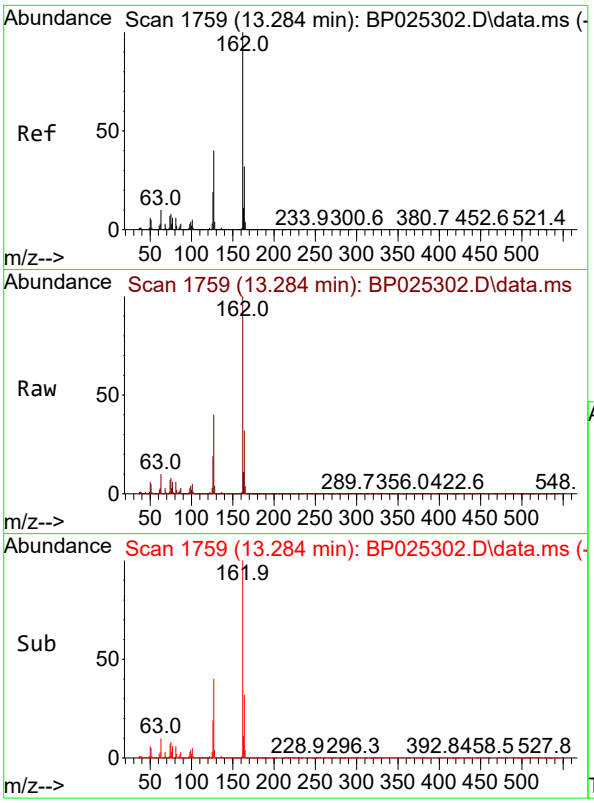


#46
1,1'-Biphenyl
Concen: 39.314 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:154 Resp: 1605905

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.2	0.0	33.2

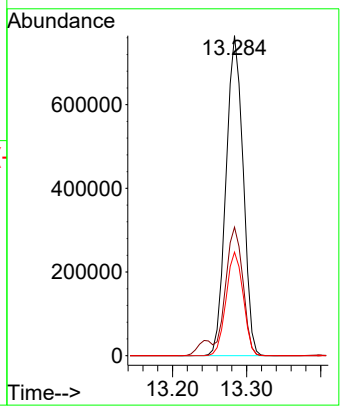




#47
2-Chloronaphthalene
Concen: 39.335 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:162 Resp: 122584

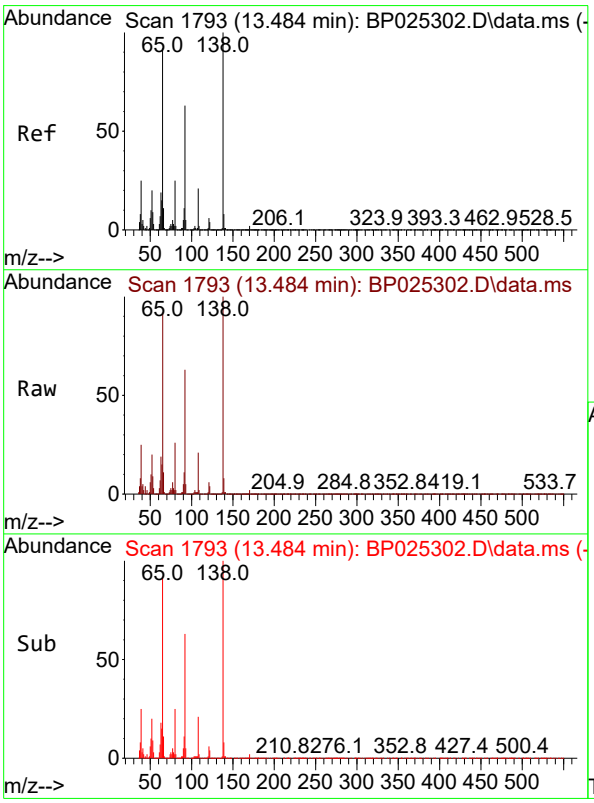
Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	32.4	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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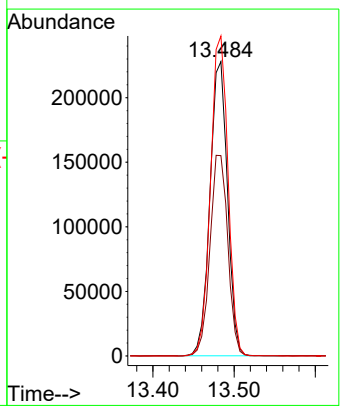
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

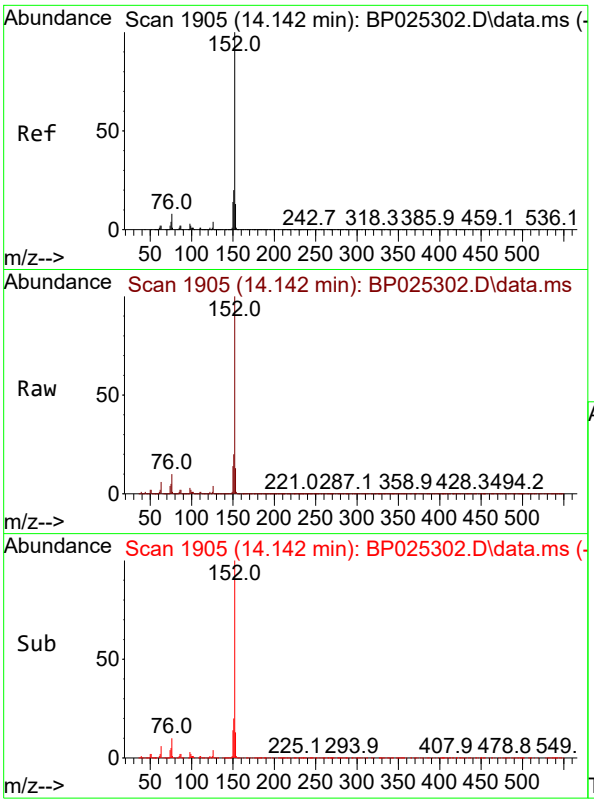


#48
2-Nitroaniline
Concen: 38.066 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 65 Resp: 341536

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	108.7	87.0	130.4

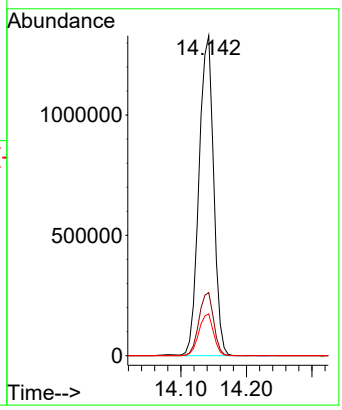




#49
Acenaphthylene
Concen: 39.828 ng
RT: 14.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:152 Resp: 207034

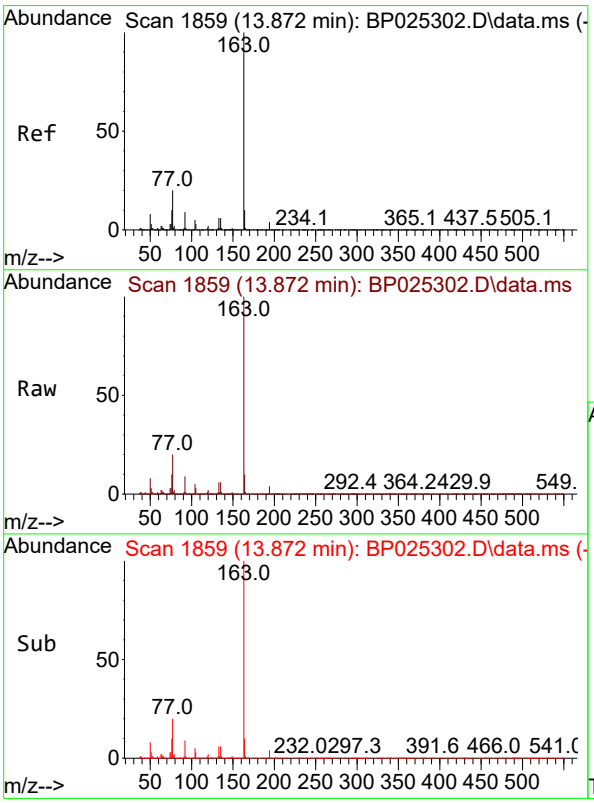
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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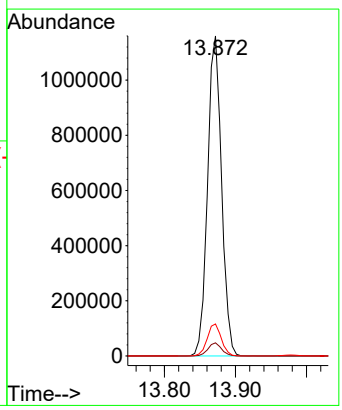
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

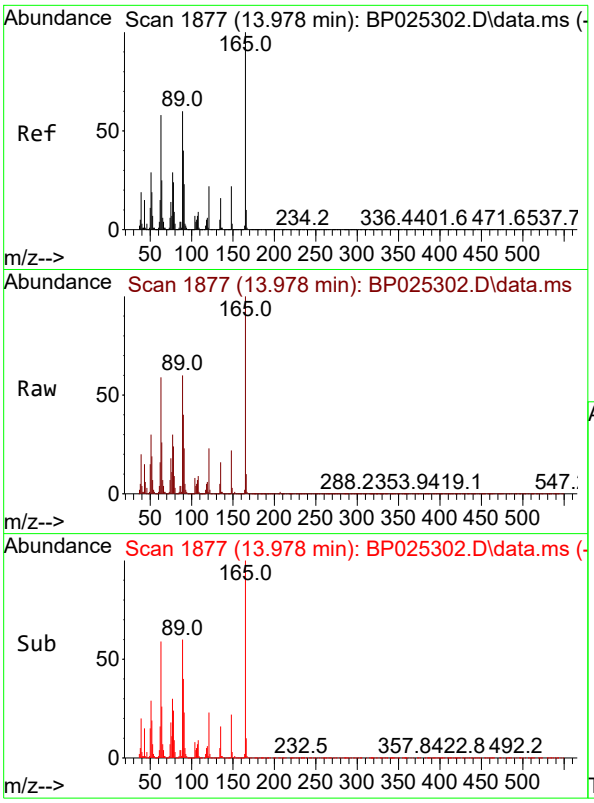


#50
Dimethylphthalate
Concen: 39.258 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:163 Resp: 1586291

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 42.760 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

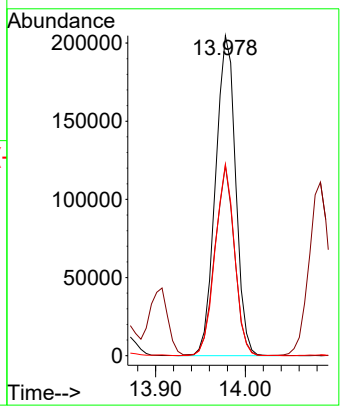
Tgt Ion:165 Resp: 31870

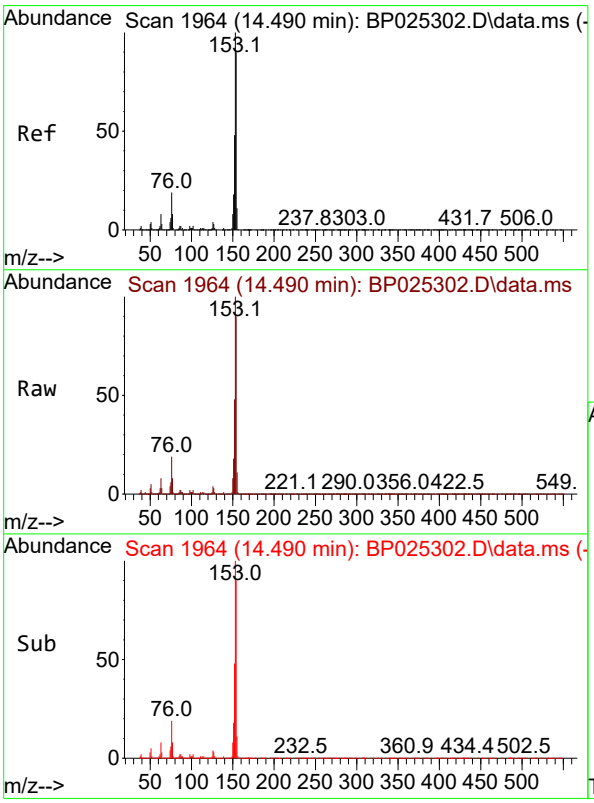
Ion	Ratio	Lower	Upper
165	100		
63	59.5	47.6	71.4
89	59.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

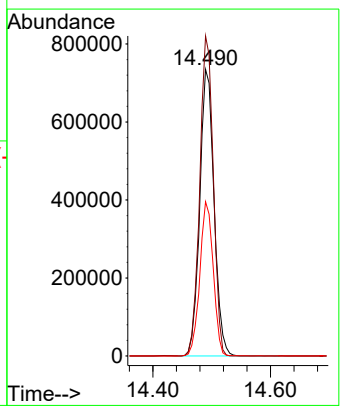


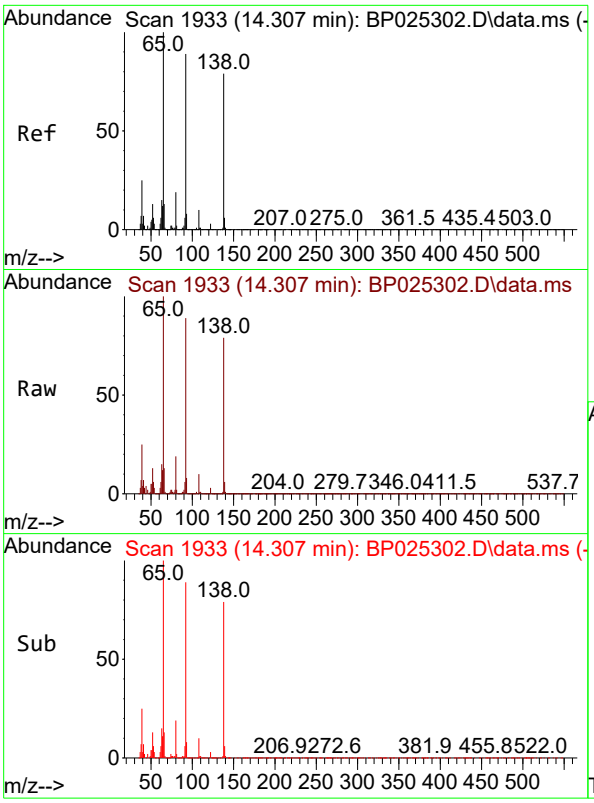


#52
Acenaphthene
Concen: 38.947 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.001 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:154 Resp: 1234915

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.8	43.0	64.6





#53
3-Nitroaniline
Concen: 42.324 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

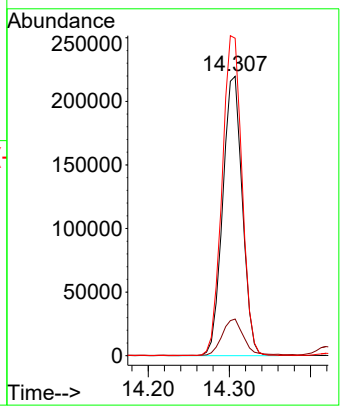
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

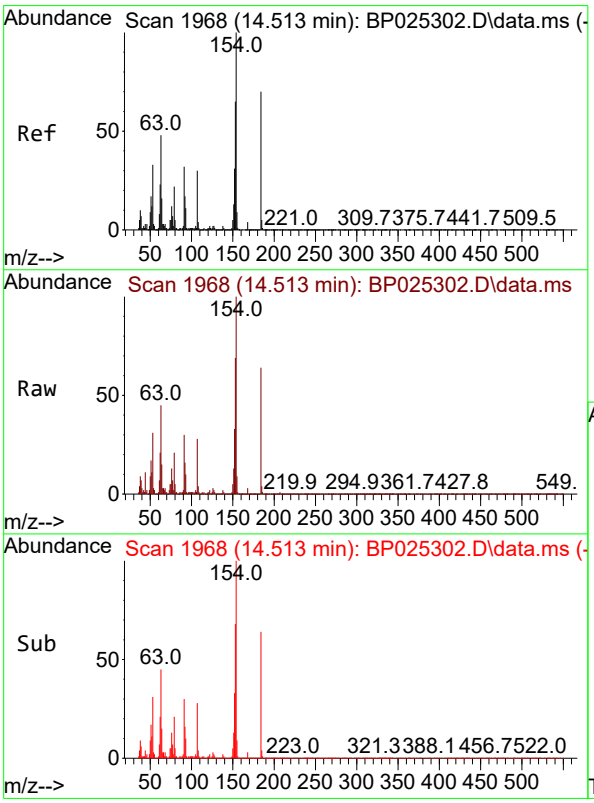
Tgt Ion:138 Resp: 36912

Ion	Ratio	Lower	Upper
138	100		
108	13.1	10.5	15.7
92	113.6	90.9	136.3

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

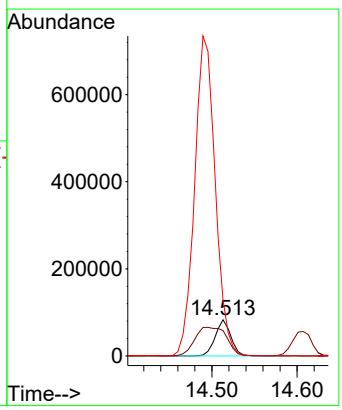


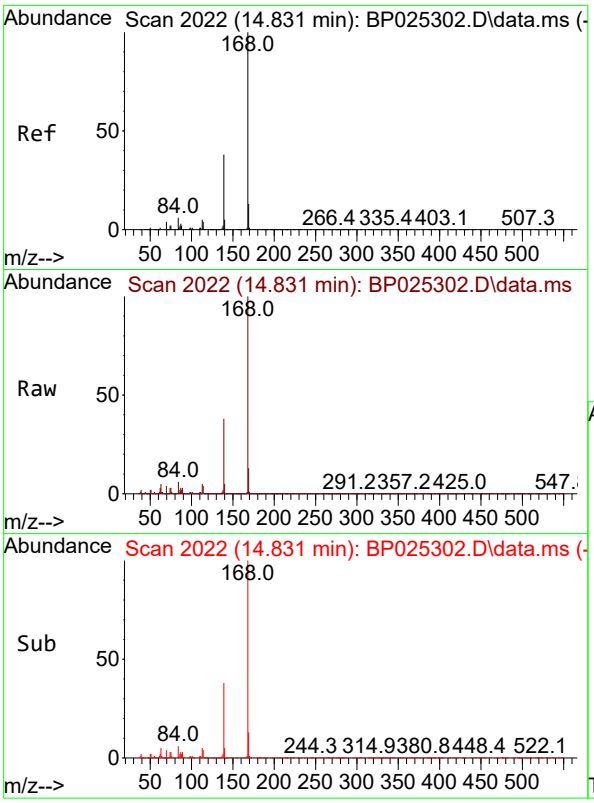


#54
2,4-Dinitrophenol
Concen: 38.143 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:184 Resp: 105656

Ion	Ratio	Lower	Upper
184	100		
63	70.4	56.3	84.5
154	155.6	124.5	186.7

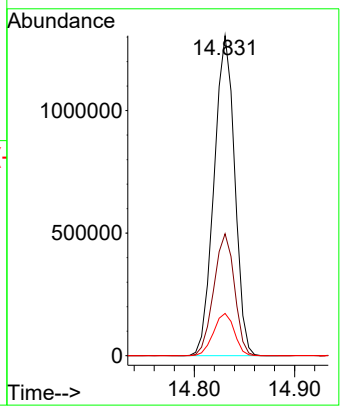




#55
Dibenzofuran
Concen: 39.336 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:168 Resp: 186387

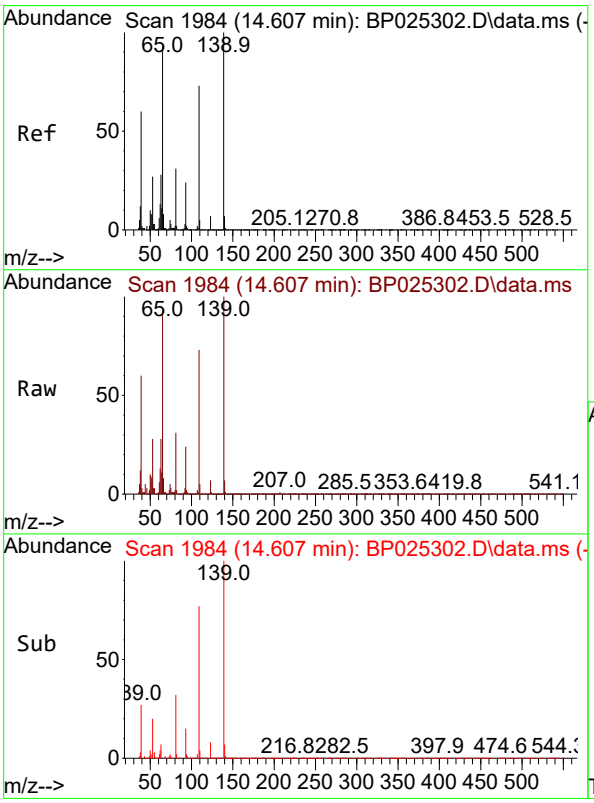
Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	13.2	10.6	15.8



Instrument :
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ClientSampleId :
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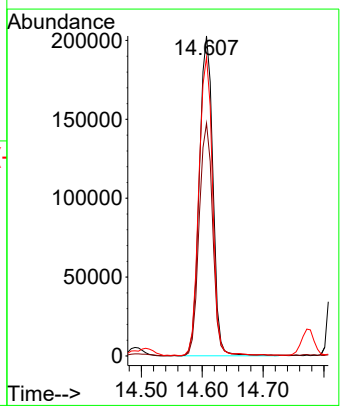
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

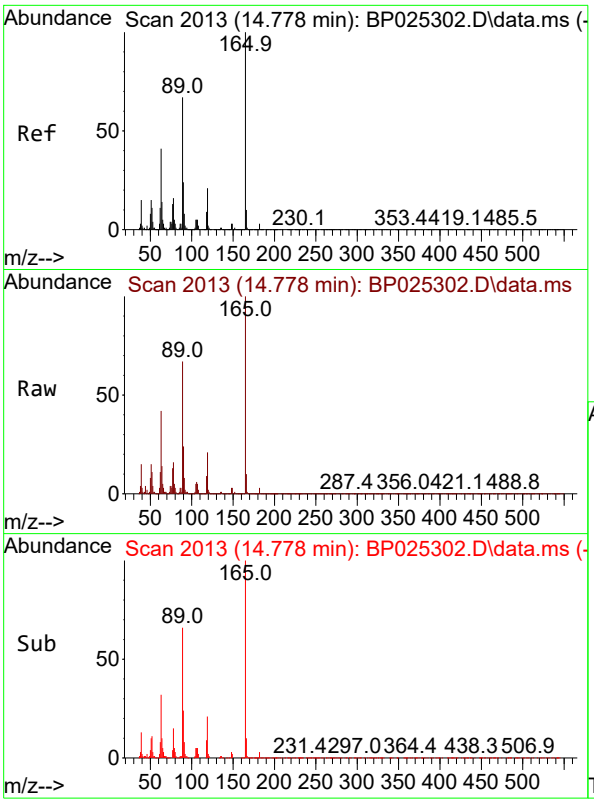


#56
4-Nitrophenol
Concen: 40.848 ng
RT: 14.607 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:139 Resp: 314409

Ion	Ratio	Lower	Upper
139	100		
109	72.7	52.7	92.7
65	93.4	73.4	113.4

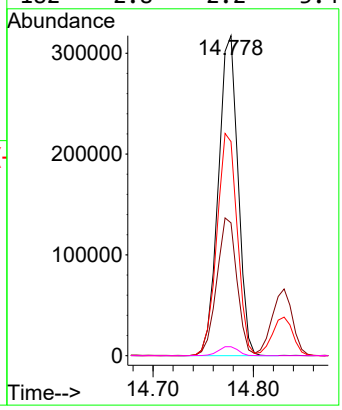




#57
2,4-Dinitrotoluene
Concen: 38.103 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:165 Resp: 43191

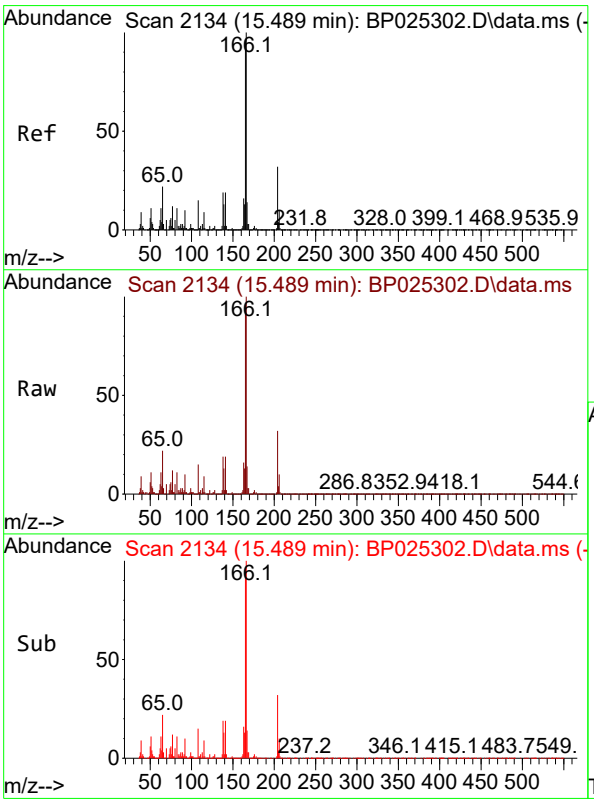
Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.2	49.8
89	66.9	53.5	80.3
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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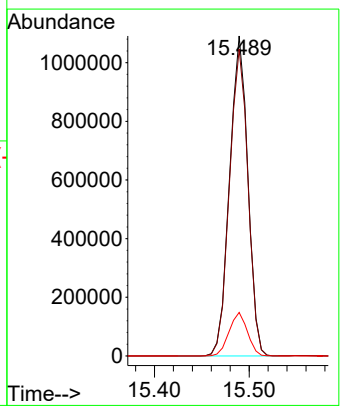
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

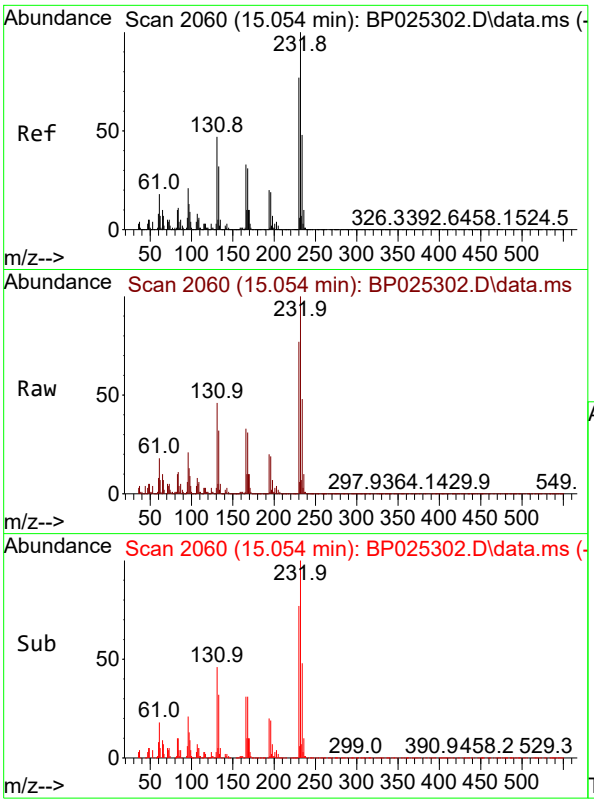


#58
Fluorene
Concen: 39.200 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:166 Resp: 1458854

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.7	115.1
167	13.6	10.9	16.3

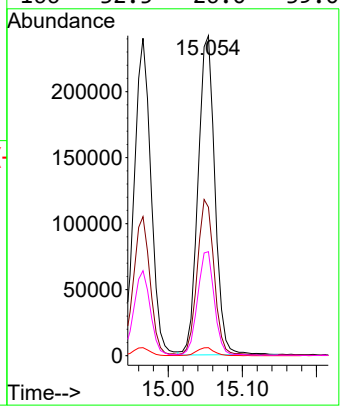




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.372 ng
RT: 15.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:232 Resp: 38122

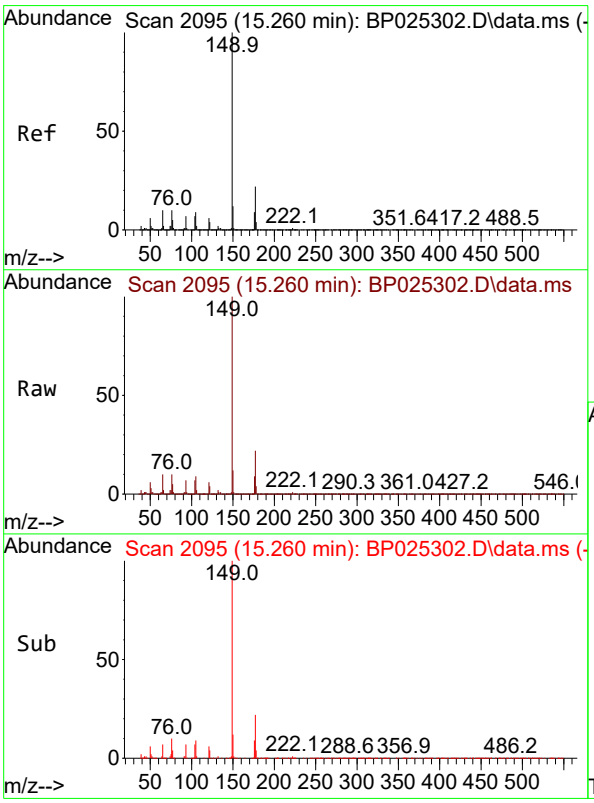
Ion	Ratio	Lower	Upper
232	100		
131	49.1	39.3	58.9
130	2.7	2.2	3.2
166	32.5	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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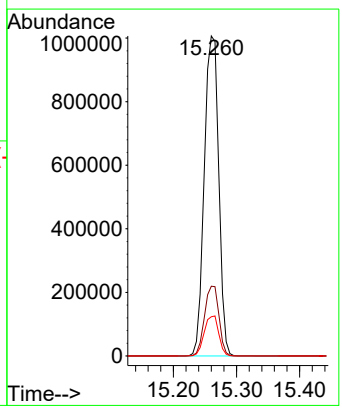
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

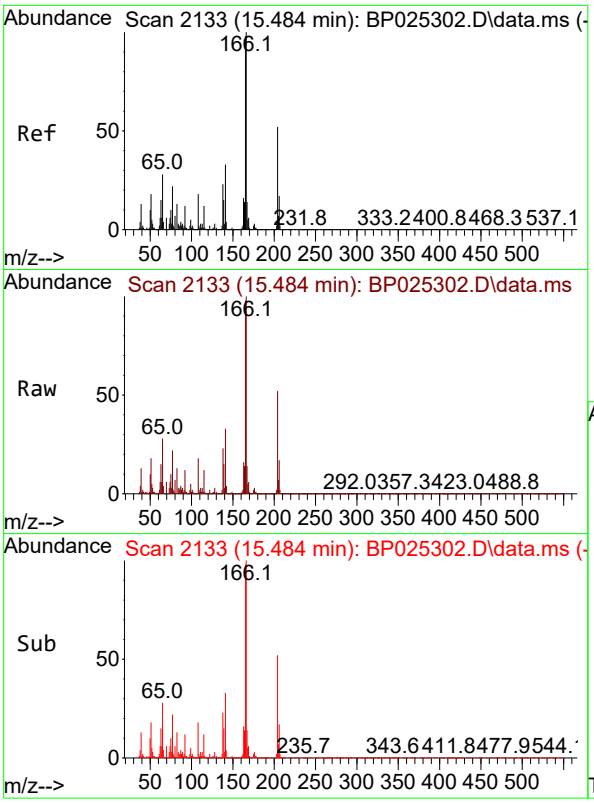


#60
Diethylphthalate
Concen: 39.190 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1596506

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.3	9.8	14.8

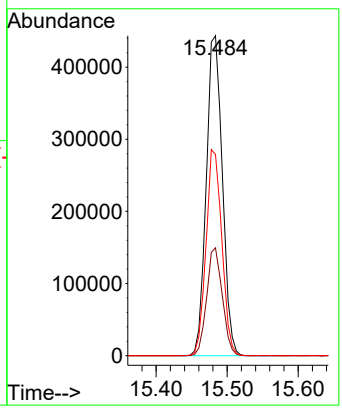




#61
4-Chlorophenyl-phenylether
Concen: 39.626 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:204 Resp: 69912

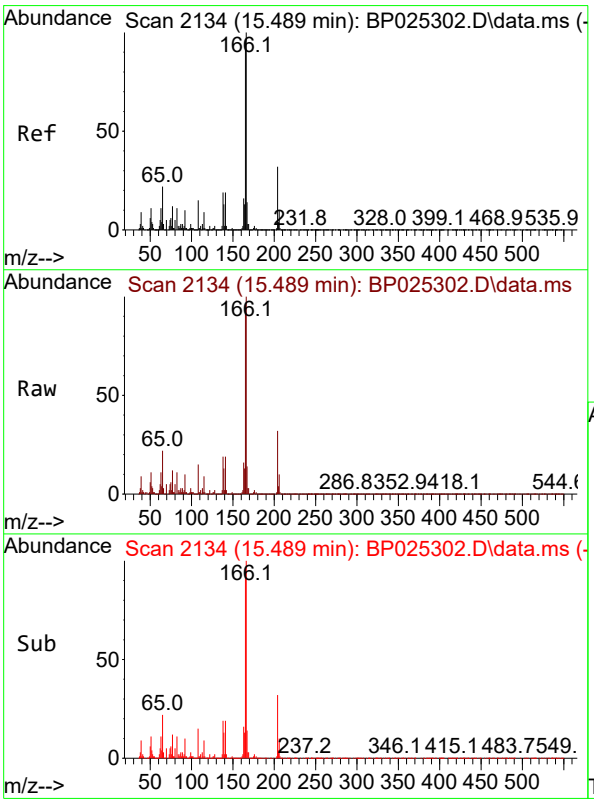
Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	62.9	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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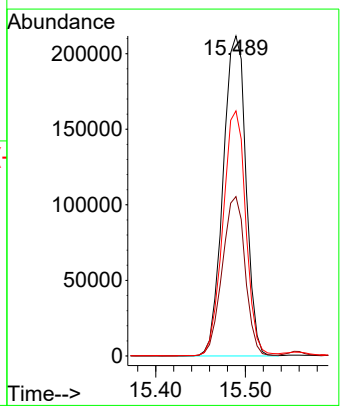
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

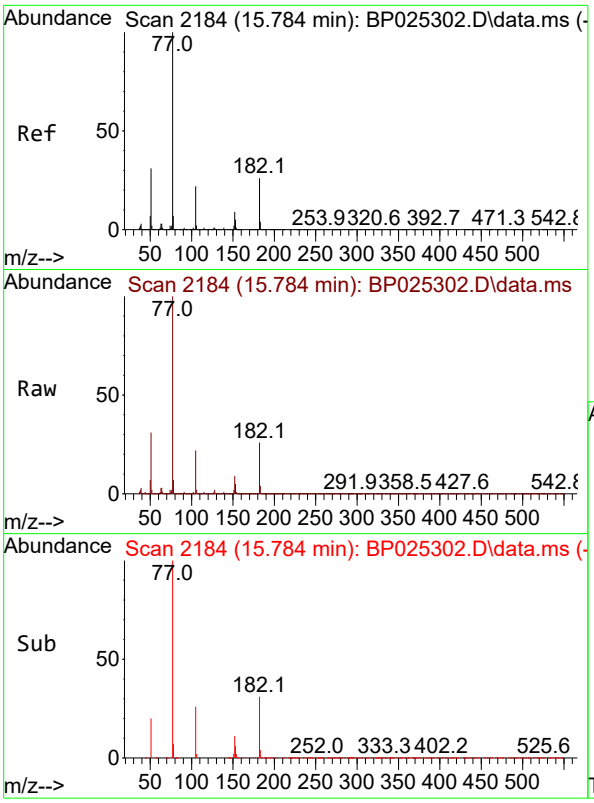


#62
4-Nitroaniline
Concen: 43.373 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:138 Resp: 374812

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.8	69.8
108	76.6	56.6	96.6

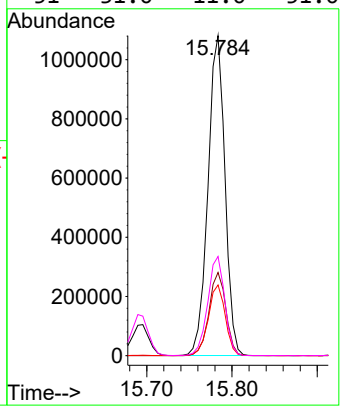




#63
Azobenzene
Concen: 39.565 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 77 Resp: 149730

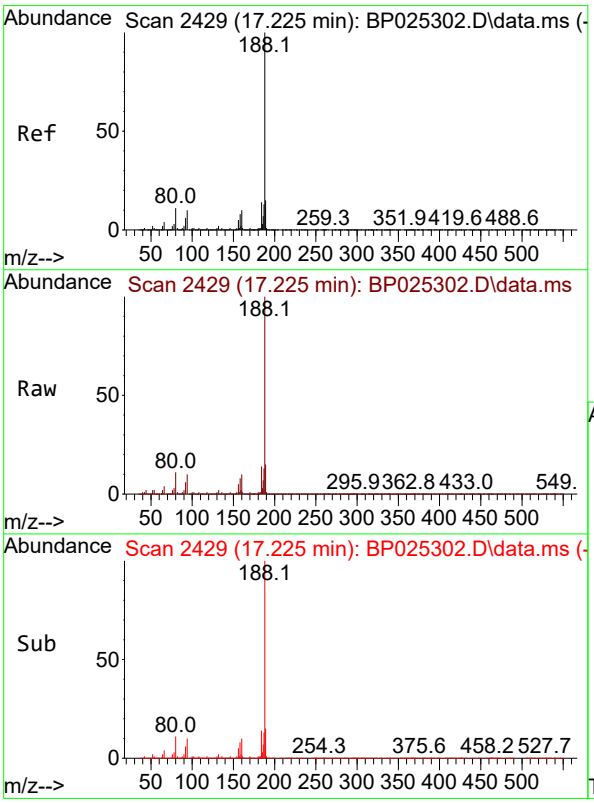
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.1	2.1	42.1
51	31.0	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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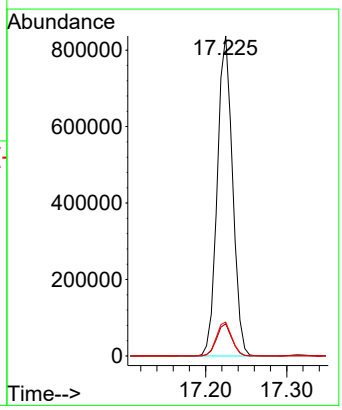
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

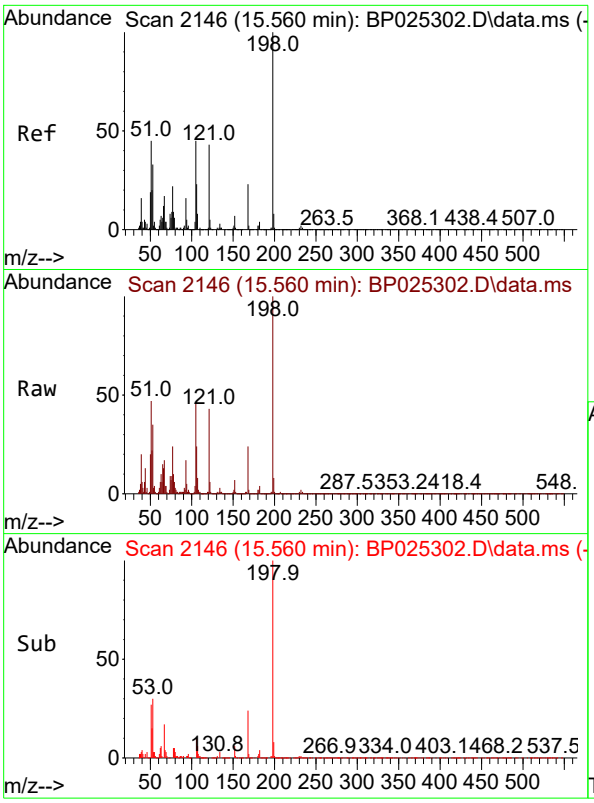


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:188 Resp: 1096367

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.6	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 37.407 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

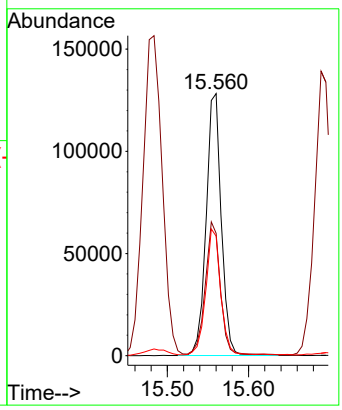
Tgt Ion:198 Resp: 16514

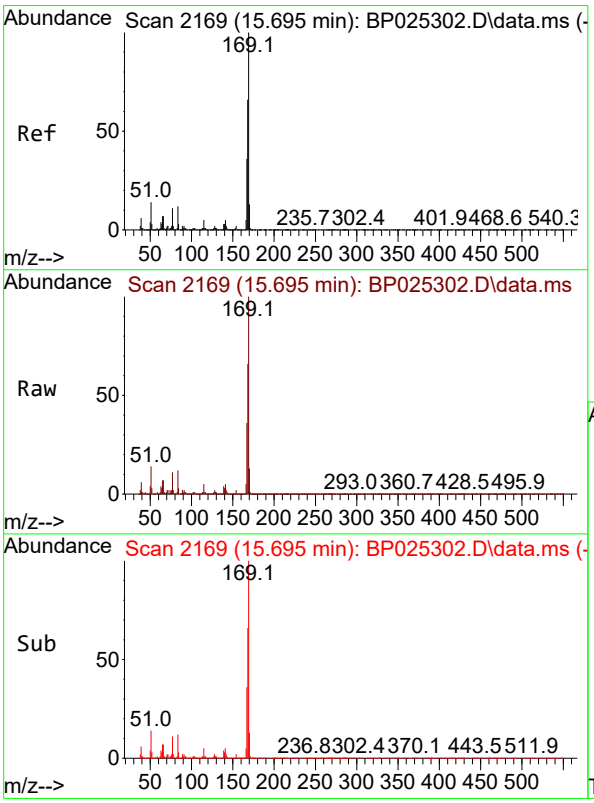
Ion	Ratio	Lower	Upper
198	100		
51	46.7	26.7	66.7
105	45.6	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

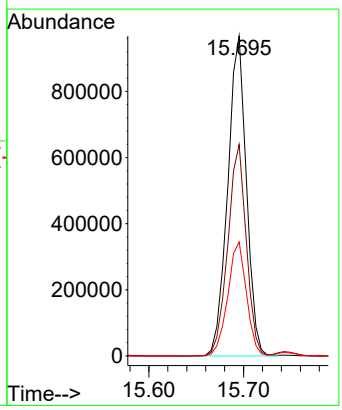


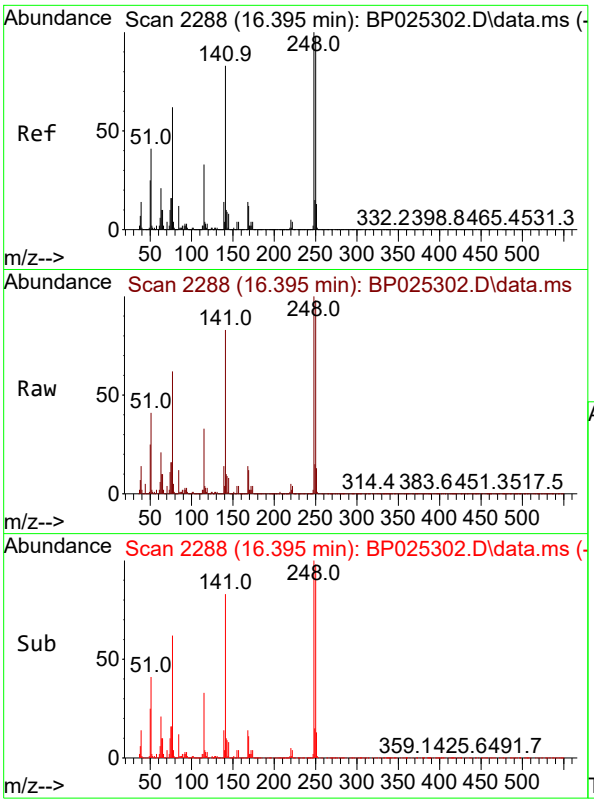


#66
n-Nitrosodiphenylamine
Concen: 39.754 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:169 Resp: 1327098

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	35.6	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 39.545 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

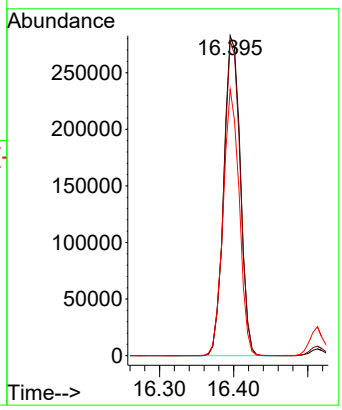
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BNA_P
ClientSampleId :
SSTDICCC040

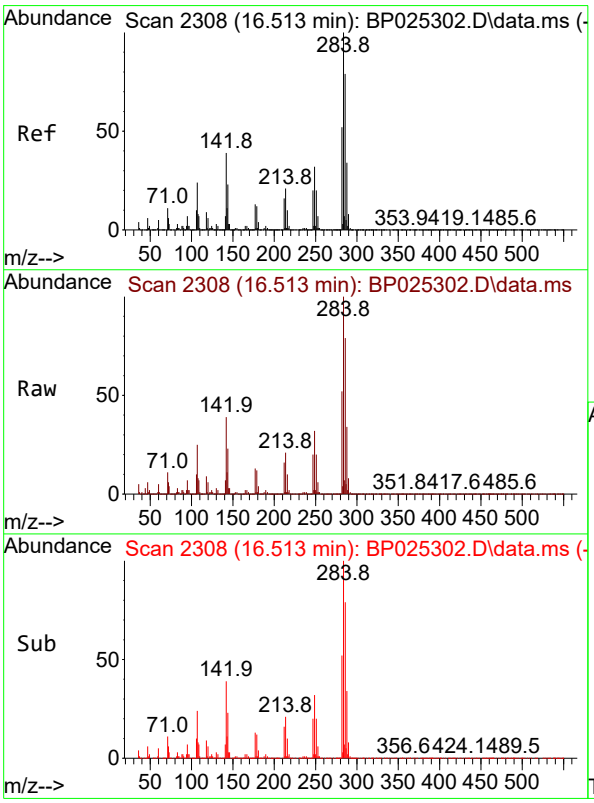
Tgt Ion:248 Resp: 43623

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	83.2	66.6	99.8

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Supervised By :Jagrut Upadhyay 08/06/2025

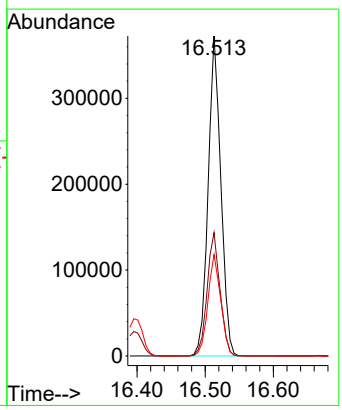


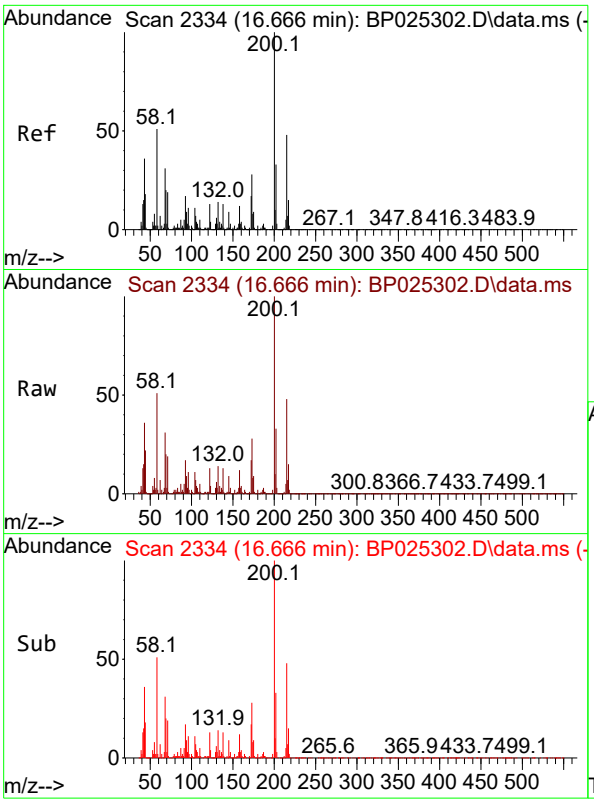


#68
Hexachlorobenzene
Concen: 38.967 ng
RT: 16.513 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:284 Resp: 482334

Ion	Ratio	Lower	Upper
284	100		
142	38.5	30.8	46.2
249	31.7	25.4	38.0

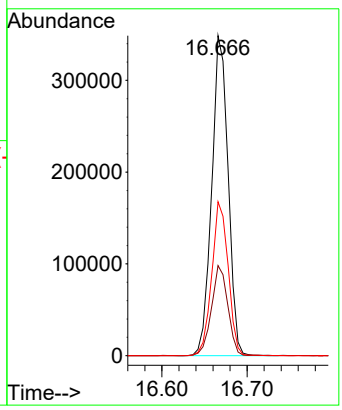




#69
Atrazine
Concen: 39.673 ng
RT: 16.666 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:200 Resp: 46575

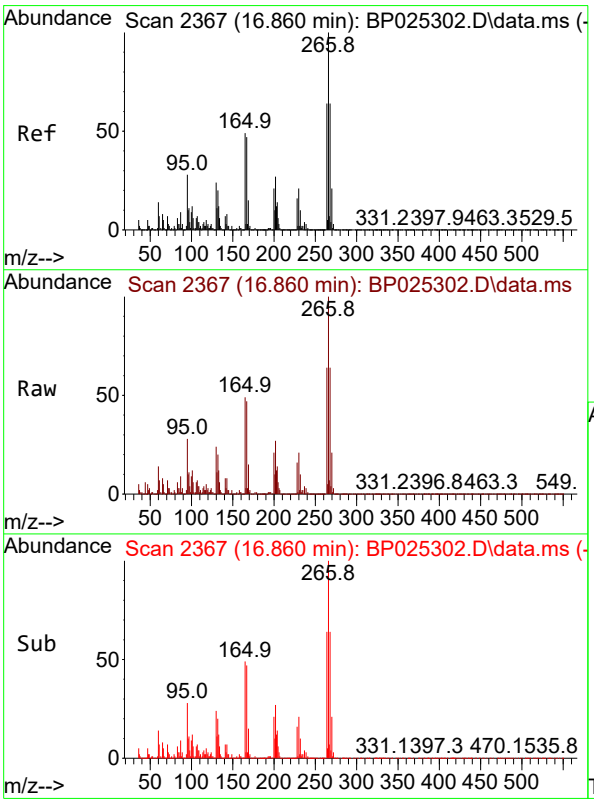
Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.2	48.2
215	48.1	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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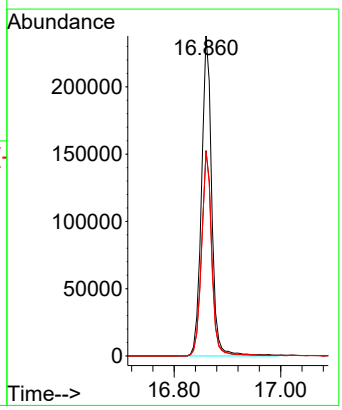
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

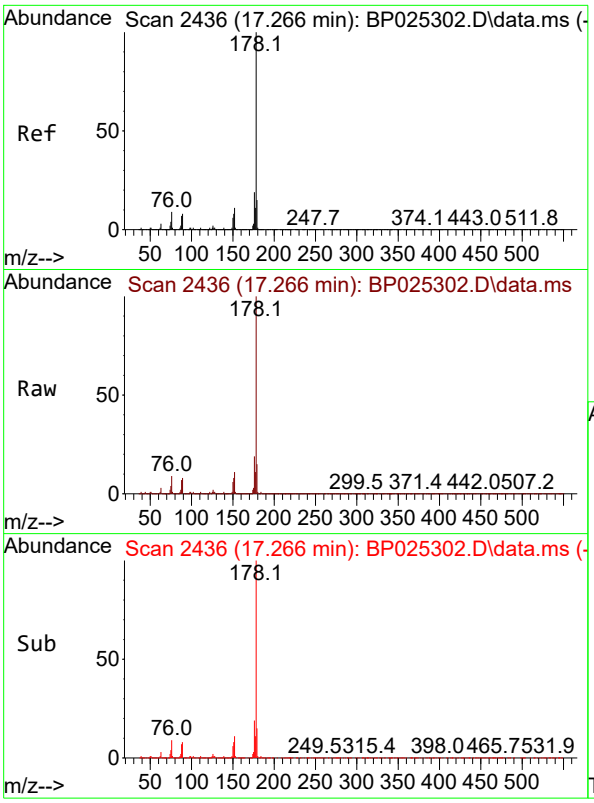


#70
Pentachlorophenol
Concen: 40.000 ng
RT: 16.860 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:266 Resp: 315442

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	63.9	51.1	76.7

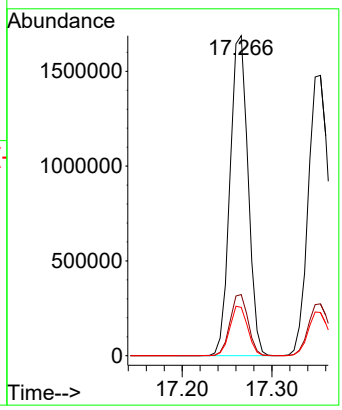




#71
Phenanthrene
Concen: 39.167 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:178 Resp: 235197

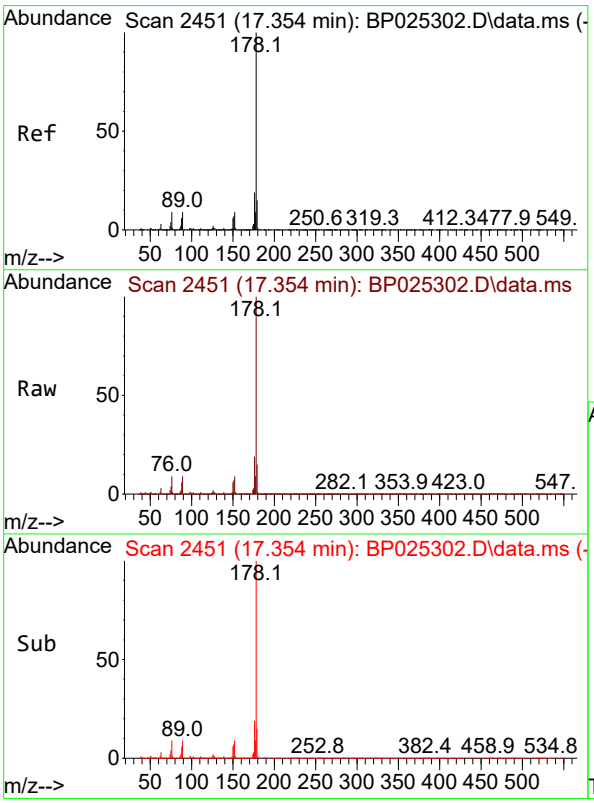
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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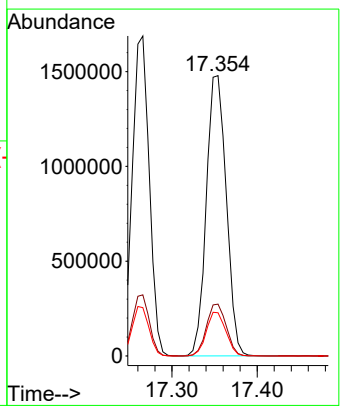
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

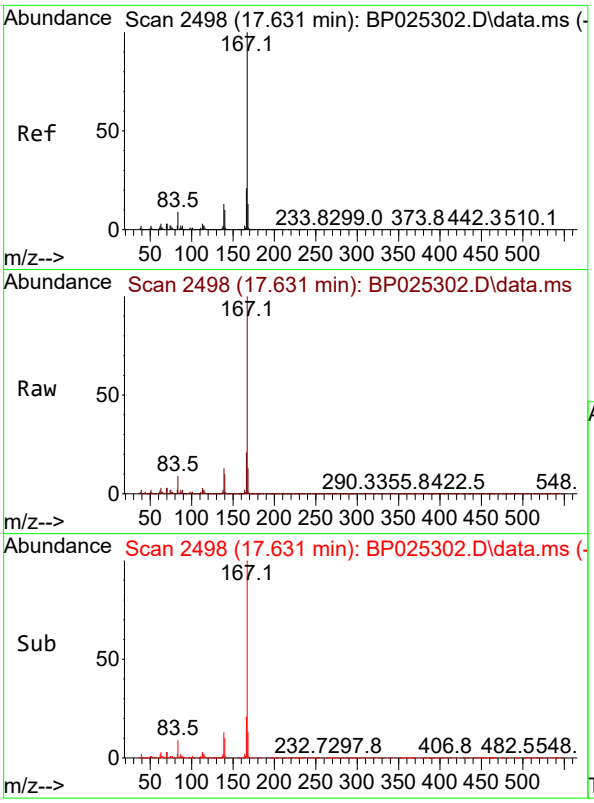


#72
Anthracene
Concen: 39.667 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:178 Resp: 2401769

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.3	18.5

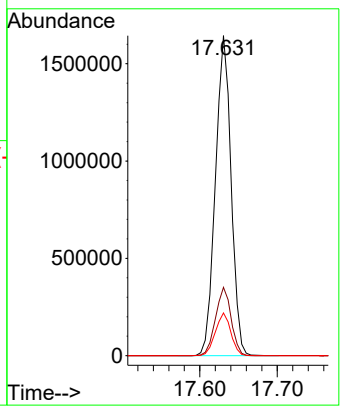




#73
Carbazole
Concen: 39.700 ng
RT: 17.631 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:167 Resp: 230739

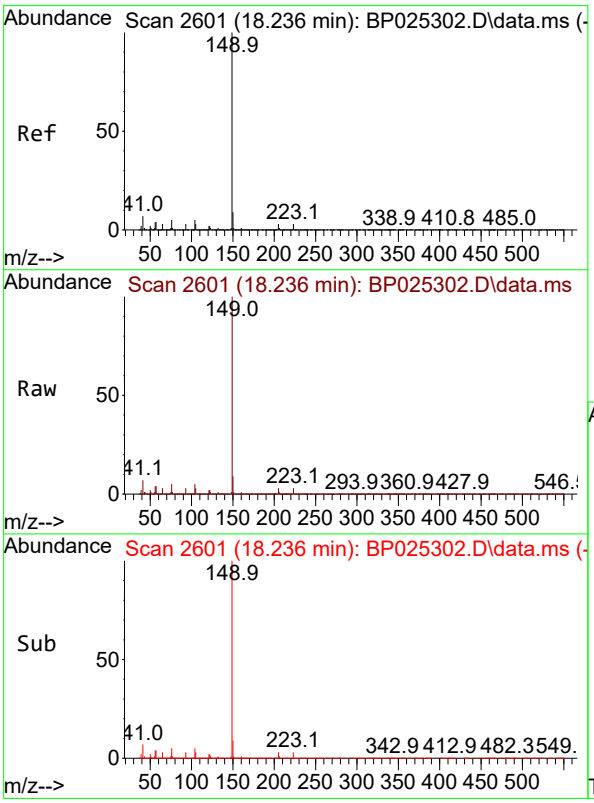
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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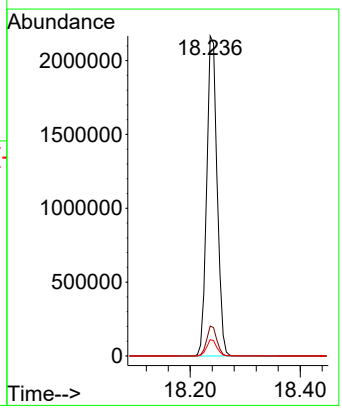
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

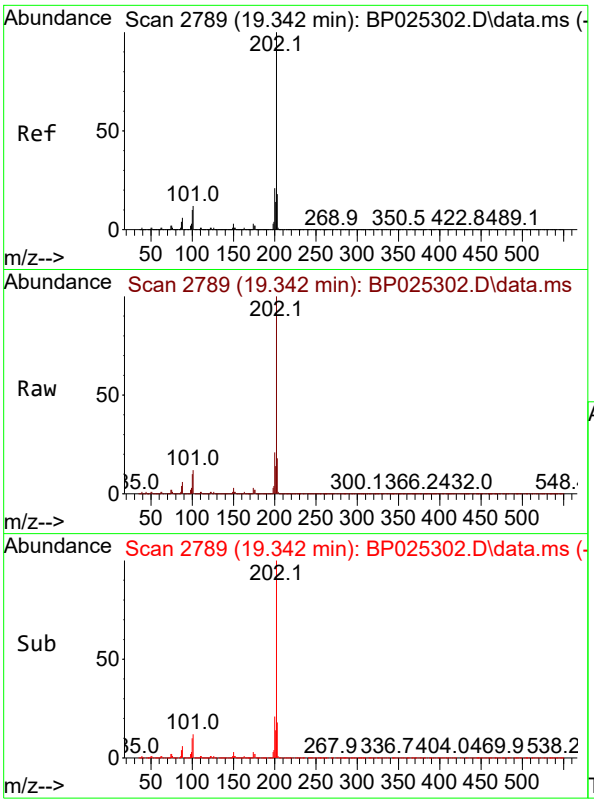


#74
Di-n-butylphthalate
Concen: 40.220 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 2828001

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 39.501 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

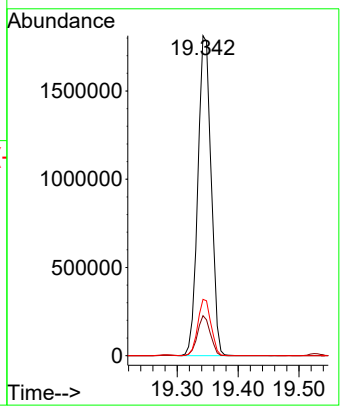
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

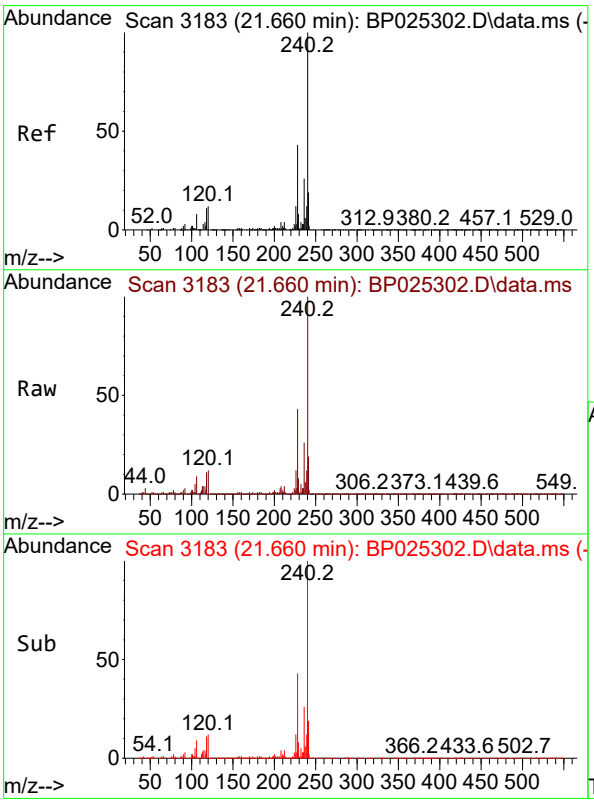
Tgt Ion:202 Resp: 274588

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.5
203	17.6	0.0	37.6

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

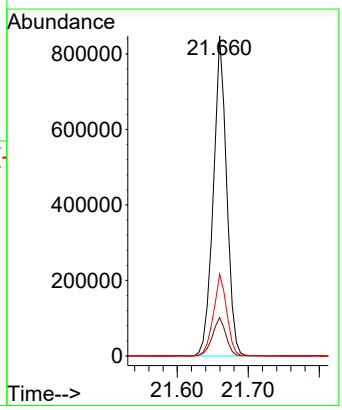


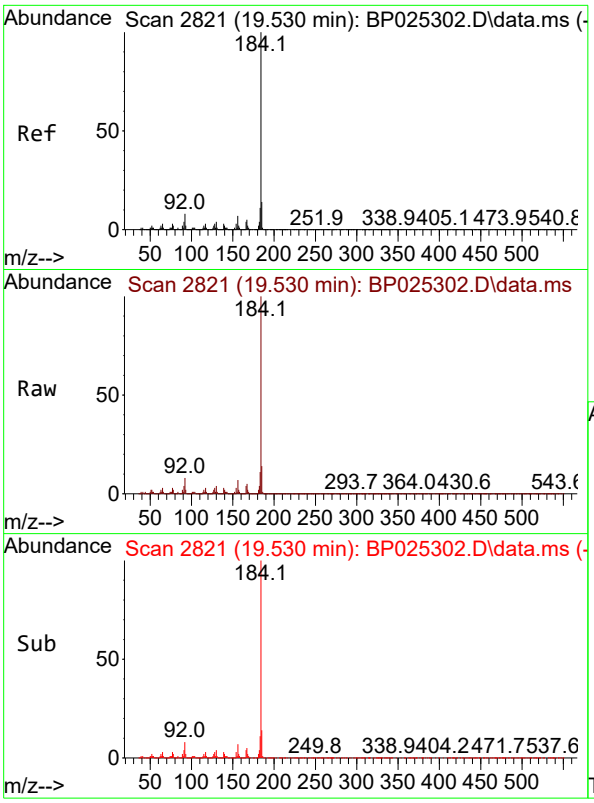


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:240 Resp: 1098659

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.5	20.4	30.6

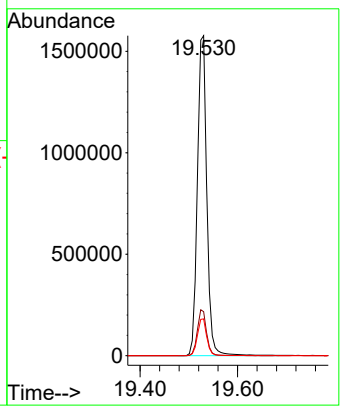




#77
Benzidine
Concen: 53.598 ng
RT: 19.530 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:184 Resp: 213135

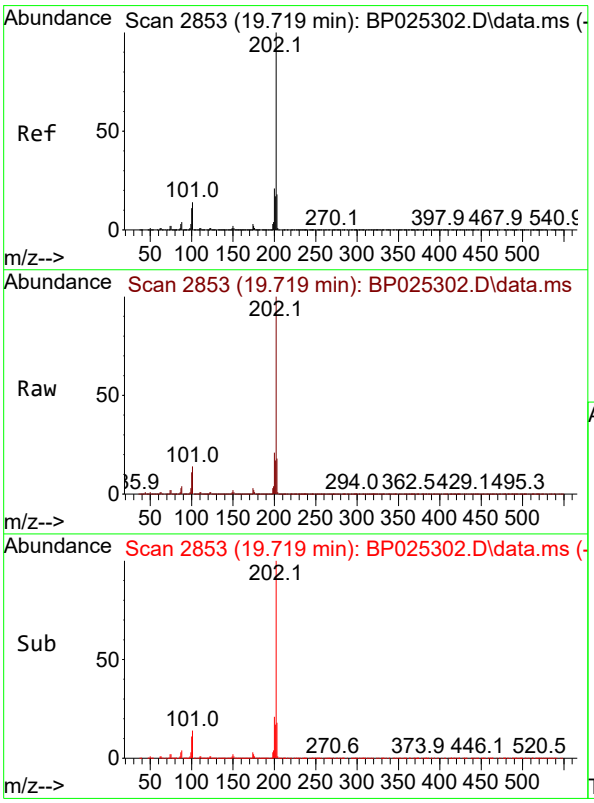
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.6
183	11.5	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

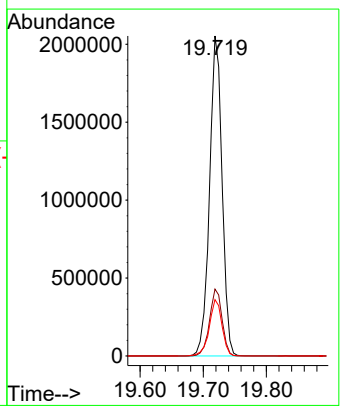
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

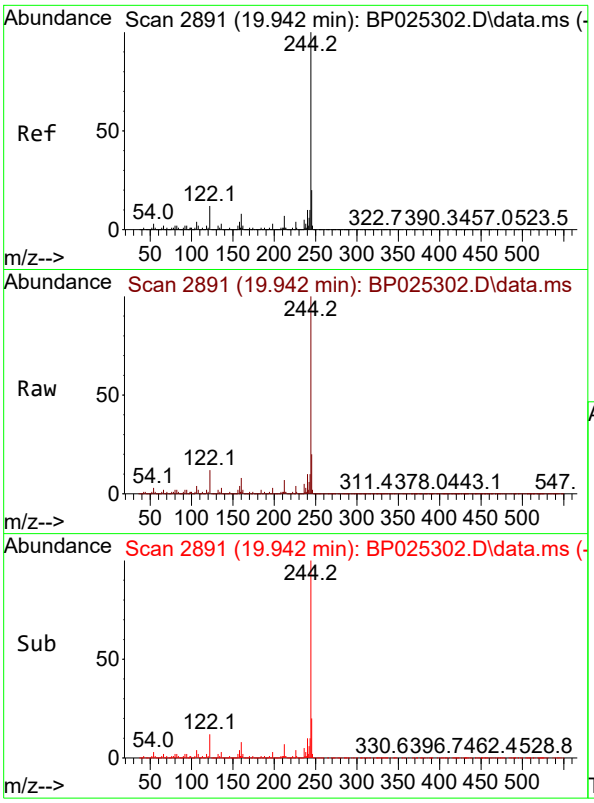


#78
Pyrene
Concen: 38.761 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:202 Resp: 2831811

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1

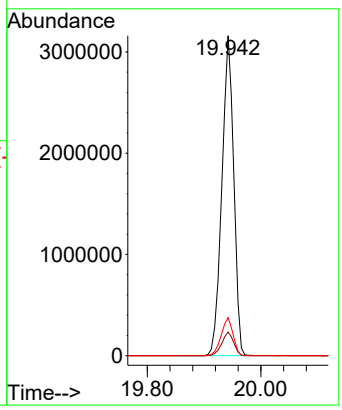




#79
Terphenyl-d14
Concen: 79.015 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:244 Resp: 459514

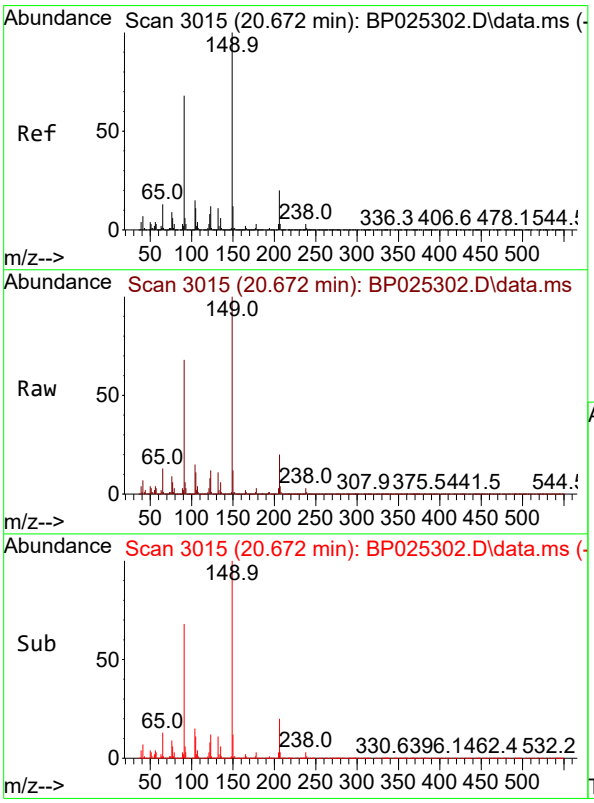
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.9	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

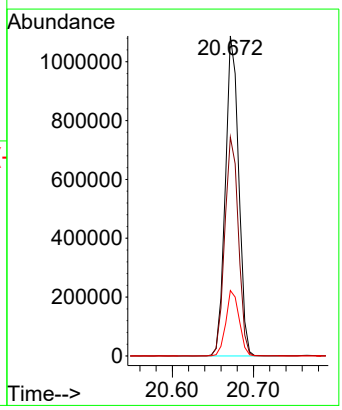
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

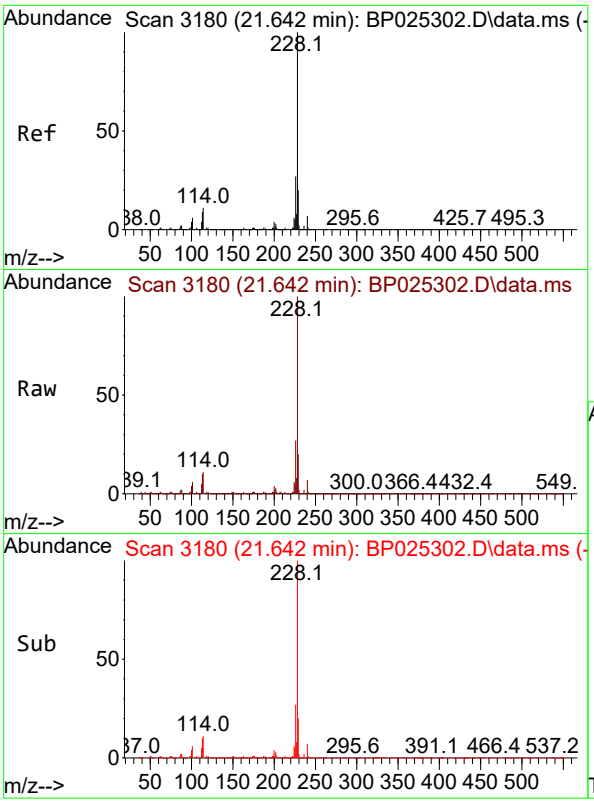


#80
Butylbenzylphthalate
Concen: 41.913 ng
RT: 20.672 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1241891

Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.7	82.1
206	20.5	16.4	24.6

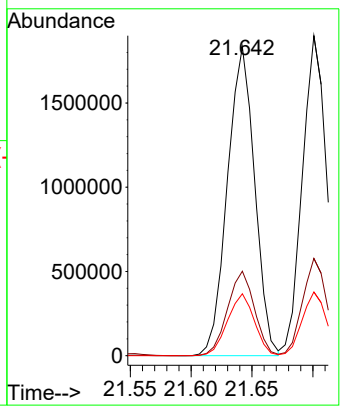




#81
Benzo(a)anthracene
Concen: 39.173 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:228 Resp: 285997

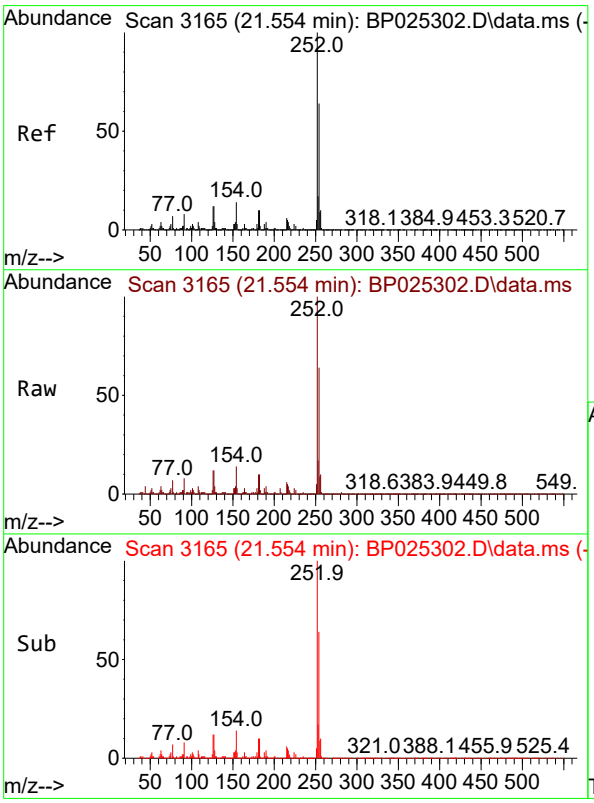
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

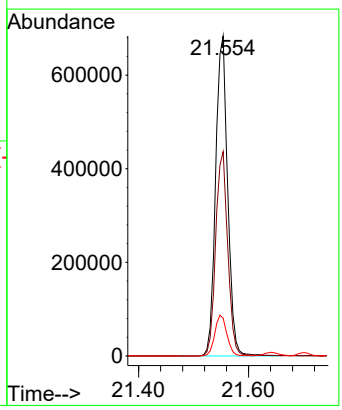
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

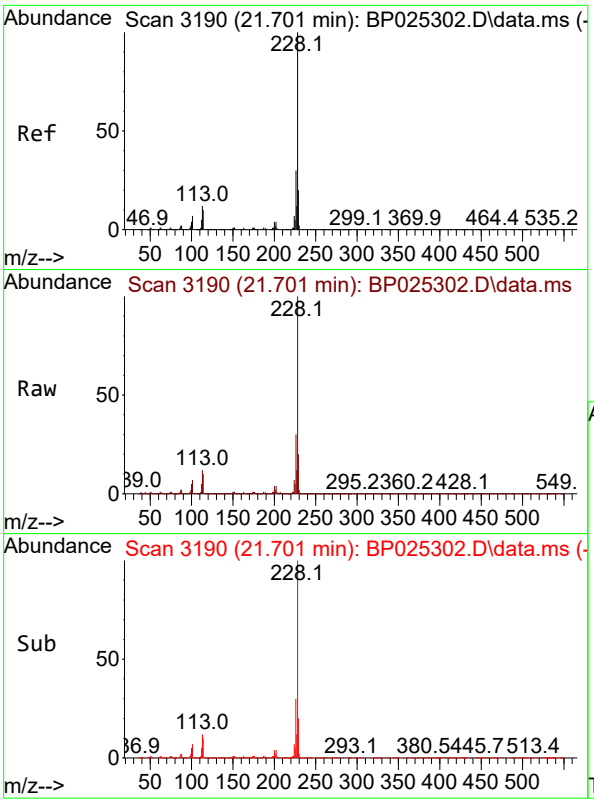


#82
3,3'-Dichlorobenzidine
Concen: 40.358 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 1039593

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	11.8	9.4	14.2

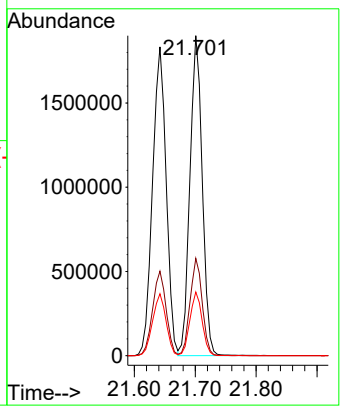




#83
Chrysene
Concen: 39.503 ng
RT: 21.701 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:228 Resp: 267497

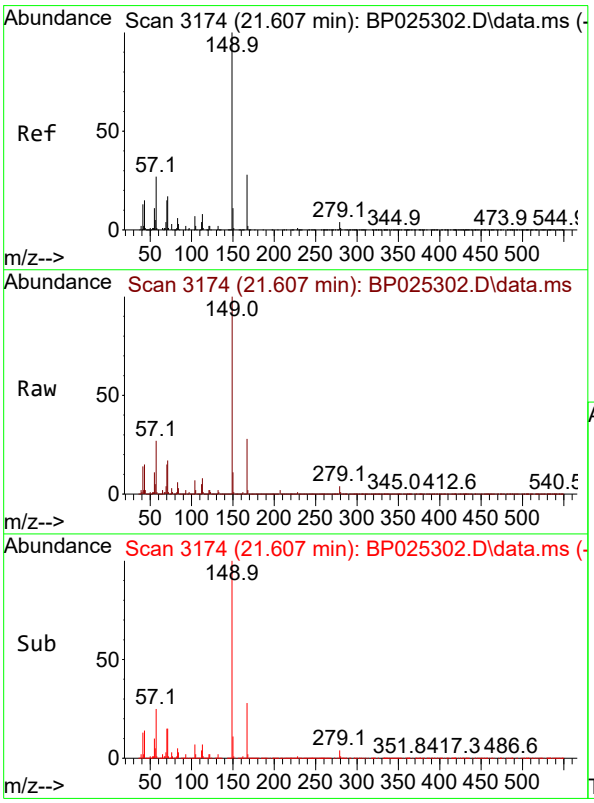
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

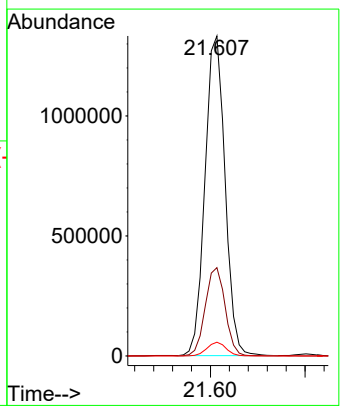
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

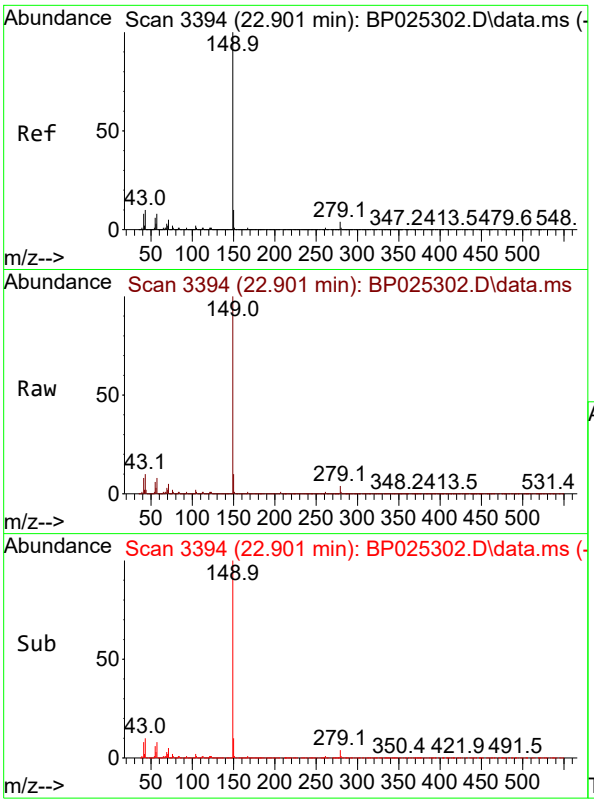


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.420 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1959652

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.3	3.4	5.2

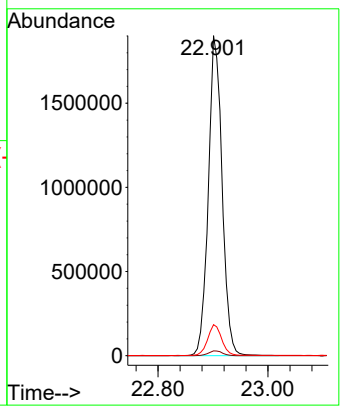




#85
Di-n-octyl phthalate
Concen: 41.675 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 330030

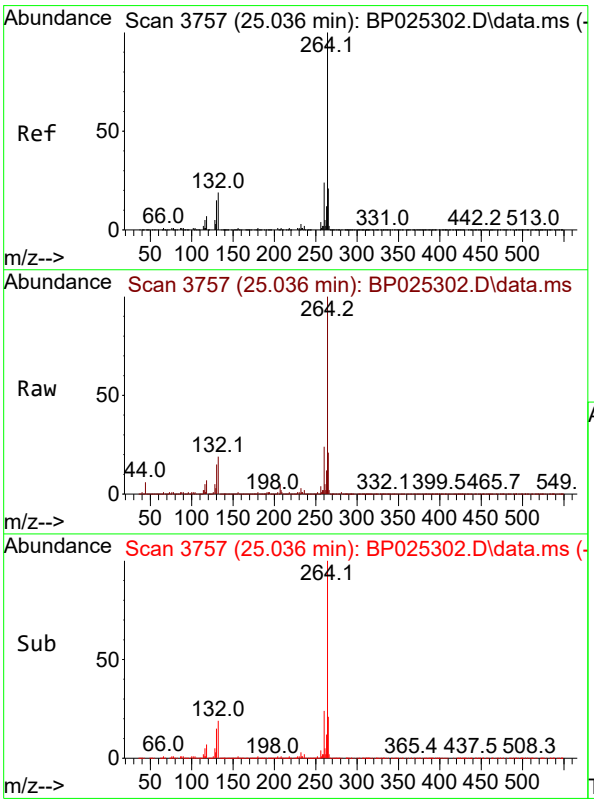
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

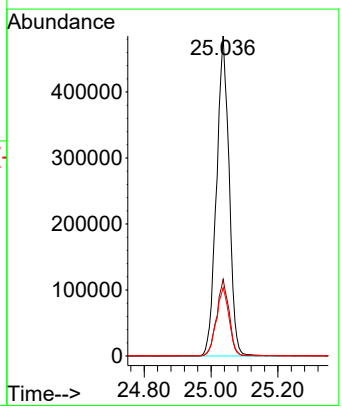
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

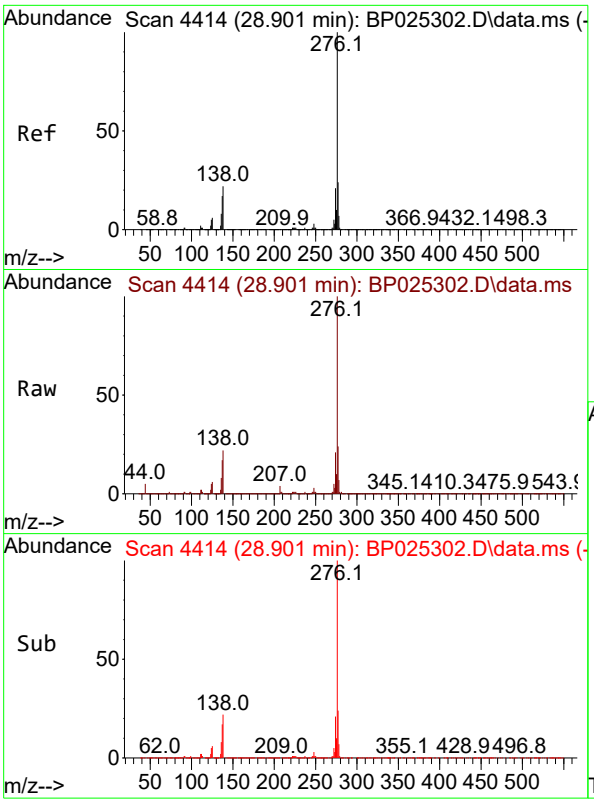


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:264 Resp: 1264736

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.1	25.7

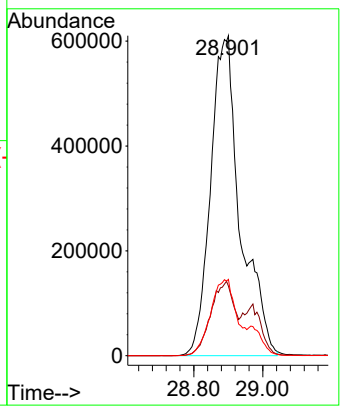




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.200 ng m
RT: 28.901 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:276 Resp: 364965

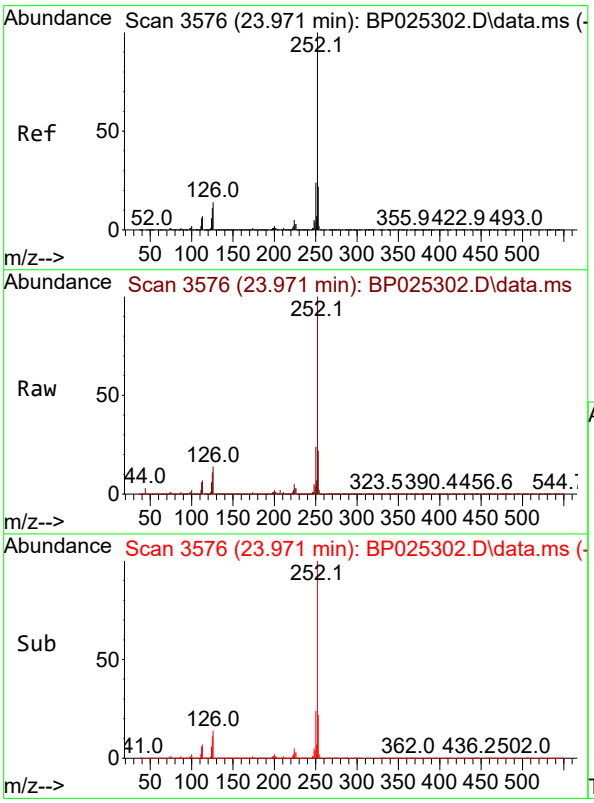
Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.6	22.0
277	21.1	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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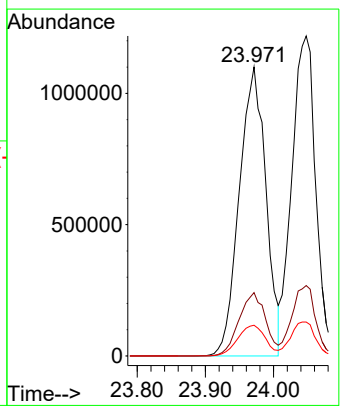
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

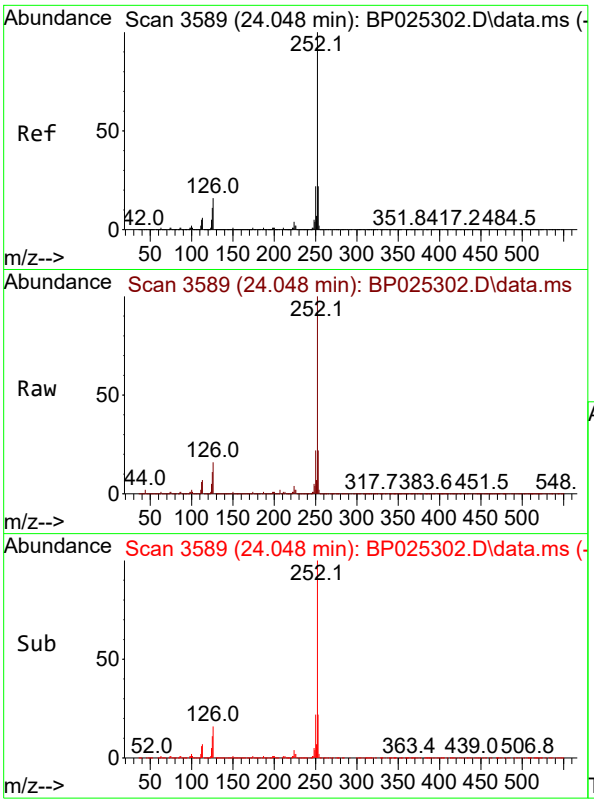


#88
Benzo(b)fluoranthene
Concen: 39.375 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 2981039

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	8.5	12.7

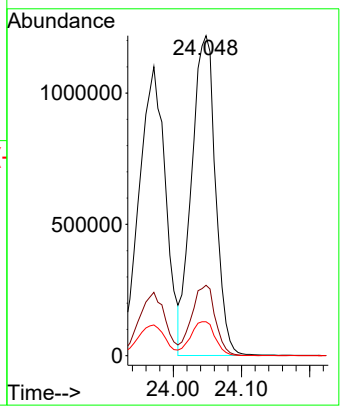




#89
Benzo(k)fluoranthene
Concen: 39.456 ng
RT: 24.048 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 296124

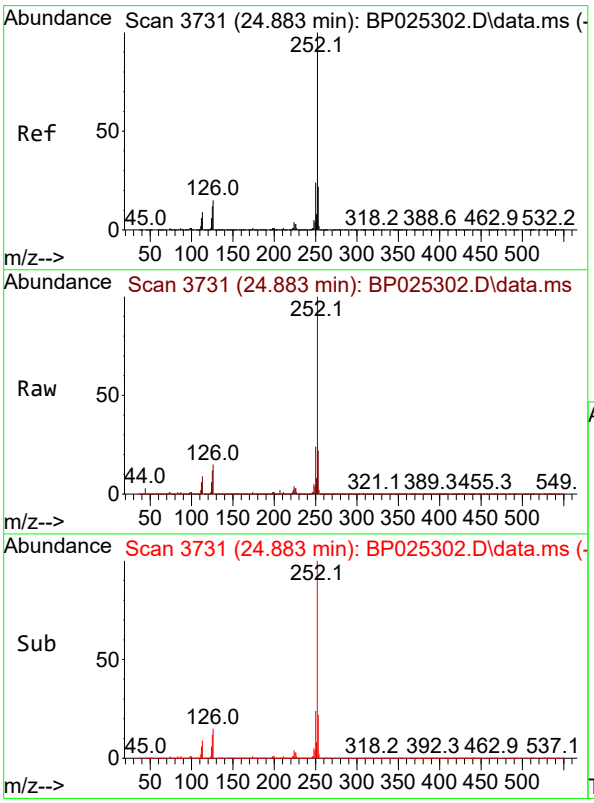
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

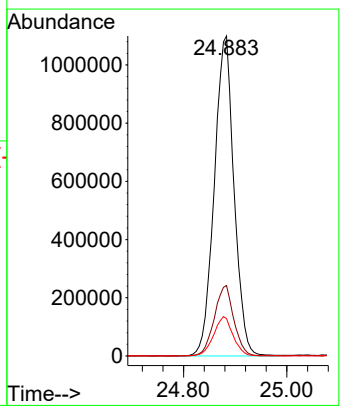
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

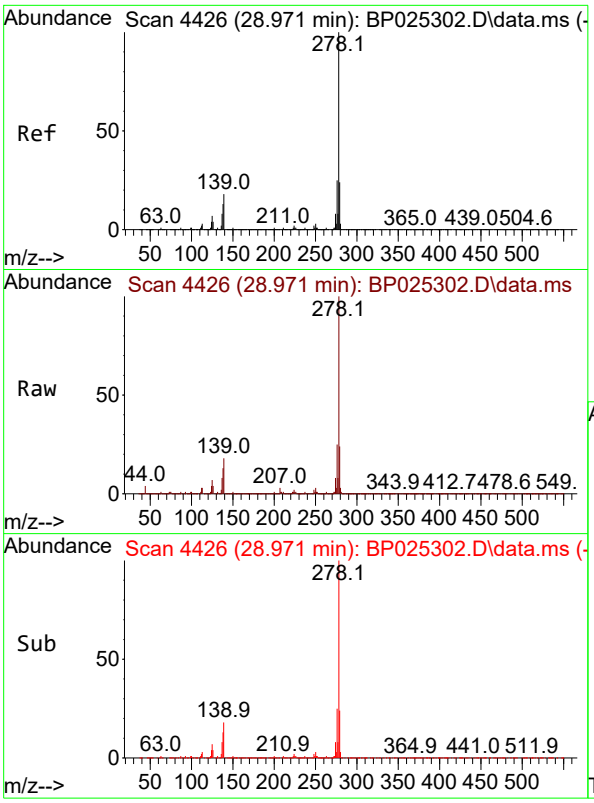


#90
Benzo(a)pyrene
Concen: 39.938 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 2911834

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.7	9.4	14.0

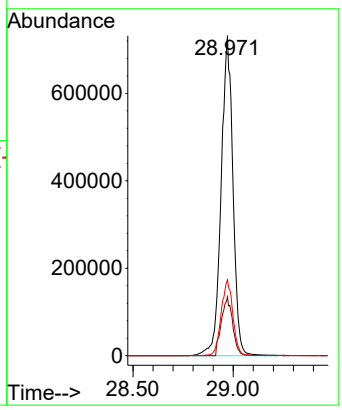




#91
Dibenzo(a,h)anthracene
Concen: 40.383 ng
RT: 28.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:278 Resp: 299815

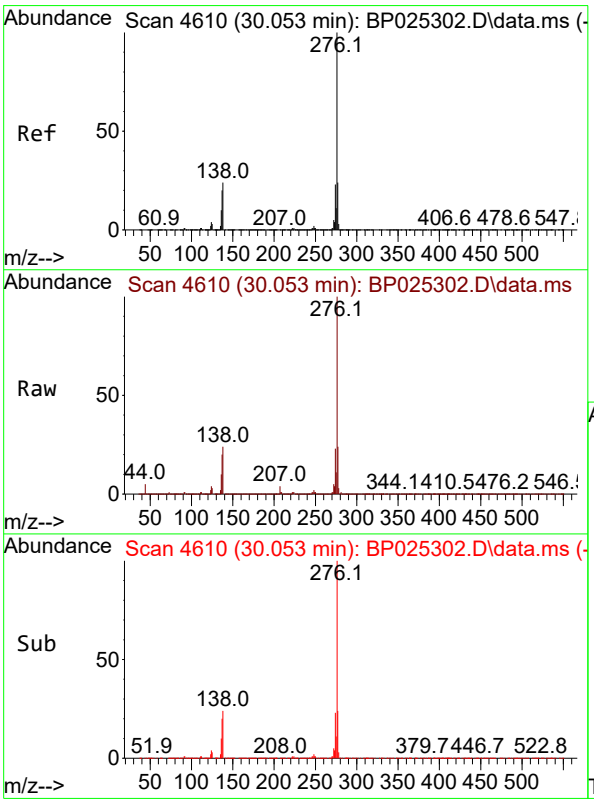
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	22.0
279	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

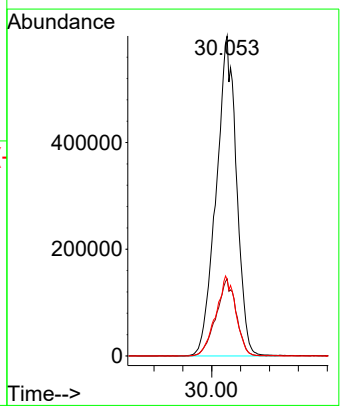
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.025 ng
RT: 30.053 min Scan# 4610
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:276 Resp: 2917156

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	23.9	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	204129	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	895271	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	571612	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1114369	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1066090	20.000	ng	0.00
86) Perylene-d12	25.048	264	1155535	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1323492	103.607	ng	0.00
7) Phenol-d6	6.966	99	1770084	105.044	ng	0.00
23) Nitrobenzene-d5	8.937	82	1820226	110.005	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	654420	110.884	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	4184125	101.643	ng	0.00
79) Terphenyl-d14	19.948	244	5765552	102.169	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	252837	50.482	ng	99
3) Pyridine	3.725	79	717966	51.596	ng	99
4) n-Nitrosodimethylamine	3.637	42	337100	52.181	ng	97
6) Aniline	7.137	93	1217200	53.084	ng	99
8) 2-Chlorophenol	7.372	128	740540	53.306	ng	99
9) Benzaldehyde	6.949	77	719072	60.611	ng	98
10) Phenol	6.990	94	940803	52.642	ng	99
11) bis(2-Chloroethyl)ether	7.231	93	734824	52.476	ng	99
12) 1,3-Dichlorobenzene	7.696	146	803898	51.499	ng	100
13) 1,4-Dichlorobenzene	7.837	146	817189	51.745	ng	99
14) 1,2-Dichlorobenzene	8.155	146	791692	51.749	ng	99
15) Benzyl Alcohol	8.031	79	693643	53.573	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1148882	51.937	ng	100
17) 2-Methylphenol	8.225	107	639575	53.483	ng	99
18) Hexachloroethane	8.878	117	291706	51.649	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	584940	53.300	ng	99
20) 3+4-Methylphenols	8.549	107	873995	53.075	ng	98
22) Acetophenone	8.607	105	1157990	51.524	ng	99
24) Nitrobenzene	8.978	77	835622	54.626	ng	100
25) Isophorone	9.507	82	1699294	52.827	ng	100
26) 2-Nitrophenol	9.684	139	334267	49.999	ng	99
27) 2,4-Dimethylphenol	9.749	122	764549	51.553	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	1023578	52.308	ng	99
29) 2,4-Dichlorophenol	10.213	162	710356	54.711	ng	98
30) 1,2,4-Trichlorobenzene	10.437	180	747003	52.150	ng	99
31) Naphthalene	10.619	128	2404950	51.746	ng	100
32) Benzoic acid	9.872	122	427207	49.747	ng	96
33) 4-Chloroaniline	10.719	127	1108429	53.624	ng	100
34) Hexachlorobutadiene	10.919	225	420532	51.144	ng	97
35) Caprolactam	11.490	113	273974	54.273	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	822806	54.768	ng	99
37) 2-Methylnaphthalene	12.231	142	1569525	52.175	ng	100
38) 1-Methylnaphthalene	12.454	142	1654175	52.701	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	795310	50.962	ng	99
41) Hexachlorocyclopentadiene	12.590	237	511069	53.061	ng	99
43) 2,4,6-Trichlorophenol	12.837	196	565018	56.046	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	624750	55.243	ng		98
46) 1,1'-Biphenyl	13.248	154	2167632	51.457	ng		99
47) 2-Chloronaphthalene	13.284	162	1656657	51.548	ng		100
48) 2-Nitroaniline	13.478	65	491730	51.971	ng		96
49) Acenaphthylene	14.137	152	2816363	52.537	ng		99
50) Dimethylphthalate	13.878	163	2189488	52.544	ng		100
51) 2,6-Dinitrotoluene	13.978	165	440590	57.323	ng		97
52) Acenaphthene	14.484	154	1716317	52.489	ng		99
53) 3-Nitroaniline	14.313	138	517027	57.487	ng		96
54) 2,4-Dinitrophenol	14.513	184	167500	50.836	ng	#	52
55) Dibenzofuran	14.819	168	2518183	51.534	ng		99
56) 4-Nitrophenol	14.613	139	439677	55.392	ng		98
57) 2,4-Dinitrotoluene	14.772	165	615851	51.438	ng		96
58) Fluorene	15.484	166	1943035	50.628	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	522825	55.019	ng		99
60) Diethylphthalate	15.266	149	2184026	51.987	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	918129	50.462	ng		97
62) 4-Nitroaniline	15.489	138	497394	55.814	ng		99
63) Azobenzene	15.778	77	2000064	51.248	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	259581	51.256	ng		98
66) n-Nitrosodiphenylamine	15.701	169	1776048	52.344	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	589000	52.531	ng		99
68) Hexachlorobenzene	16.507	284	650421	51.698	ng		96
69) Atrazine	16.672	200	642206	53.820	ng		98
70) Pentachlorophenol	16.854	266	448973	56.013	ng		99
71) Phenanthrene	17.260	178	3152482	51.650	ng		99
72) Anthracene	17.360	178	3207824	52.124	ng		100
73) Carbazole	17.625	167	3066018	51.900	ng		99
74) Di-n-butylphthalate	18.236	149	3833325	53.637	ng		100
75) Fluoranthene	19.348	202	3659664	51.795	ng		98
77) Benzidine	19.536	184	1935364	50.156	ng		100
78) Pyrene	19.719	202	3748452	52.875	ng		100
80) Butylbenzylphthalate	20.683	149	1670521	58.102	ng		98
81) Benzo(a)anthracene	21.636	228	3682901	51.986	ng		100
82) 3,3'-Dichlorobenzidine	21.560	252	1334151	53.376	ng		99
83) Chrysene	21.713	228	3435648	52.286	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	2502532	54.510	ng		100
85) Di-n-octyl phthalate	22.907	149	4113502	53.530	ng		100
87) Indeno(1,2,3-cd)pyrene	28.889	276	4466507m	53.847	ng		
88) Benzo(b)fluoranthene	23.971	252	3725745	53.862	ng		99
89) Benzo(k)fluoranthene	24.042	252	3650347	53.234	ng		99
90) Benzo(a)pyrene	24.877	252	3549437	53.283	ng		100
91) Dibenzo(a,h)anthracene	29.000	278	3643604	53.715	ng		99
92) Benzo(g,h,i)perylene	30.083	276	3590382	53.917	ng		99

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

ICAL Form

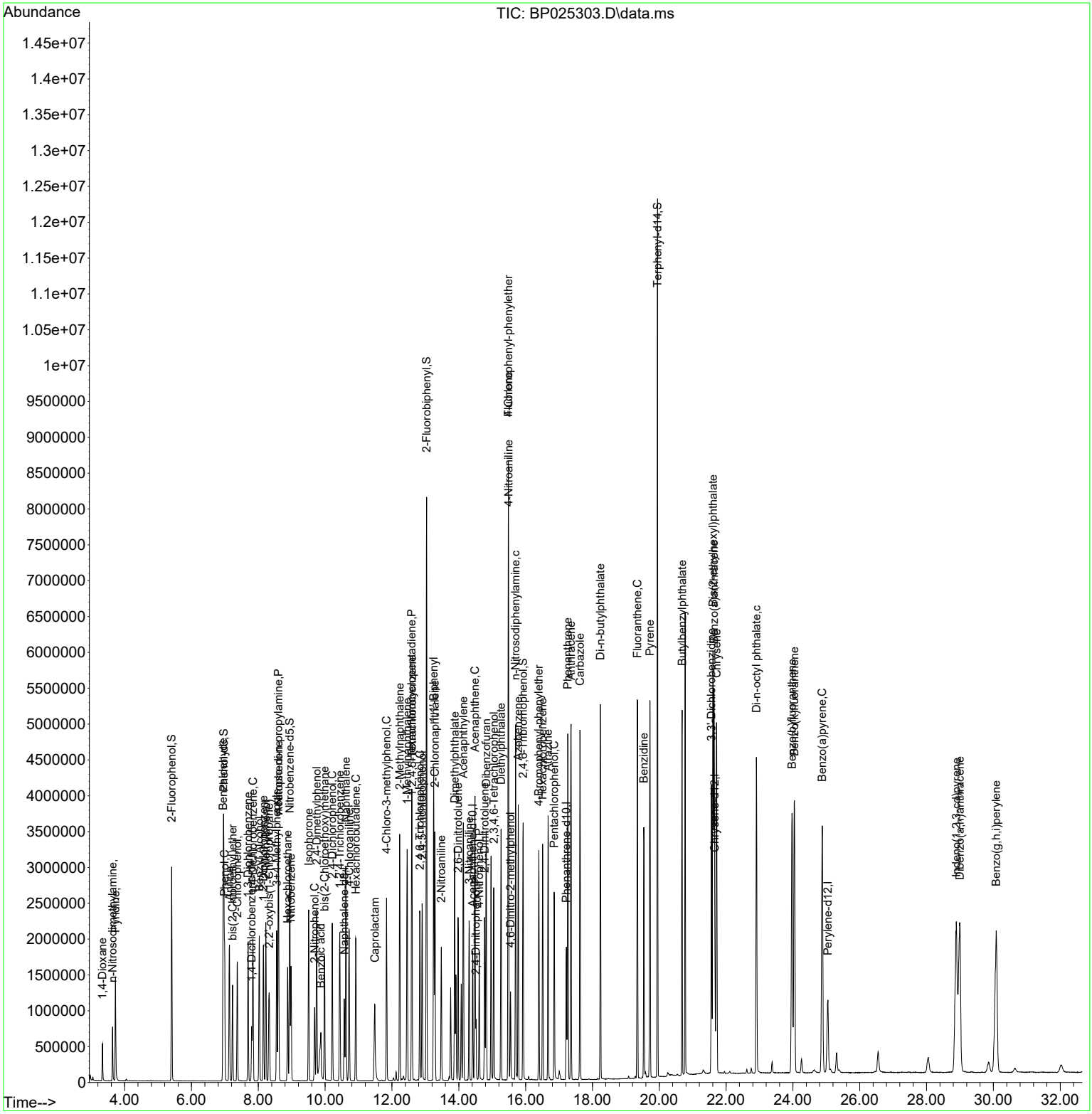
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Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

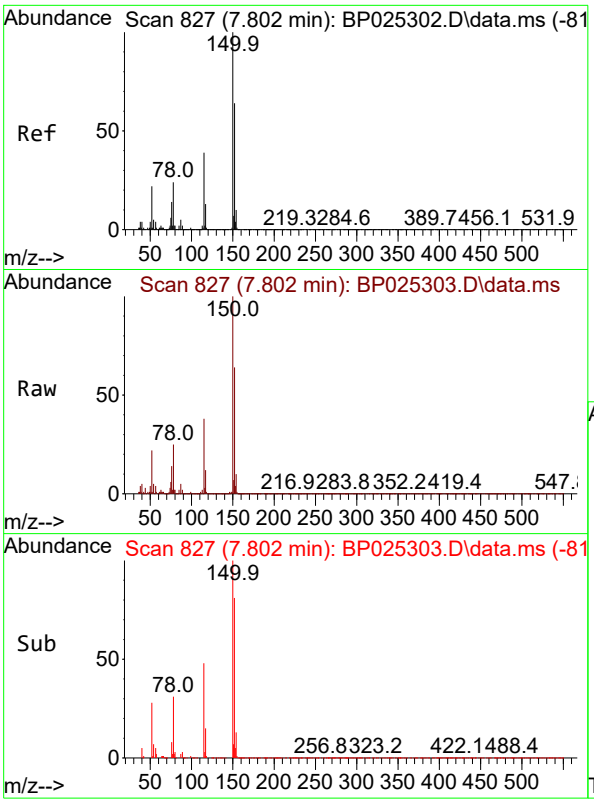
Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

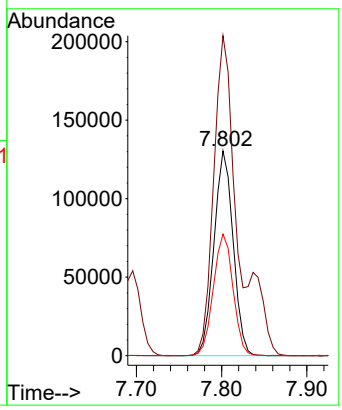




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:152 Resp: 20412

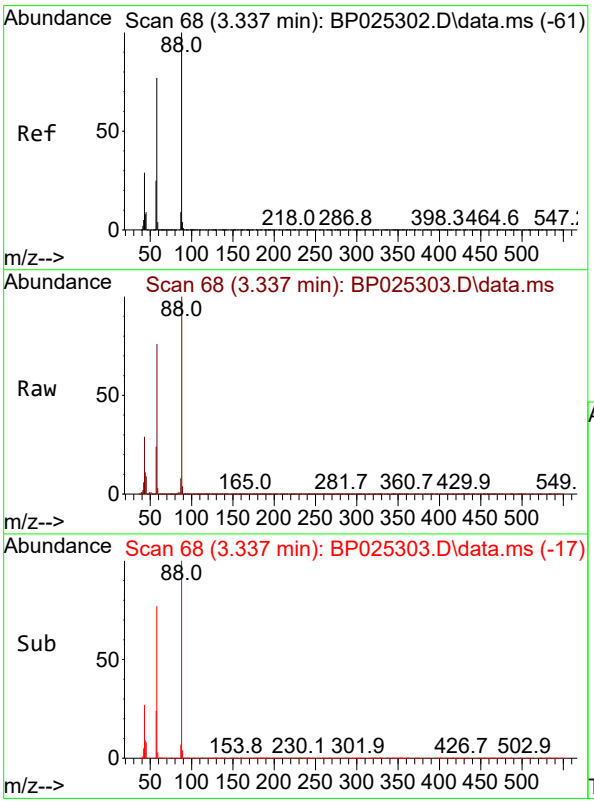
Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.1	187.7
115	59.4	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

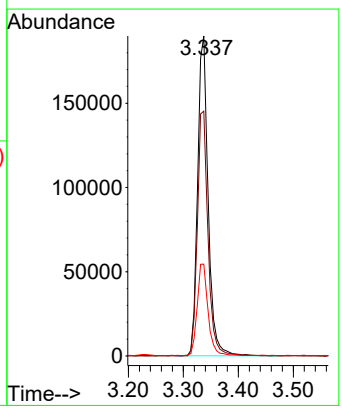
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

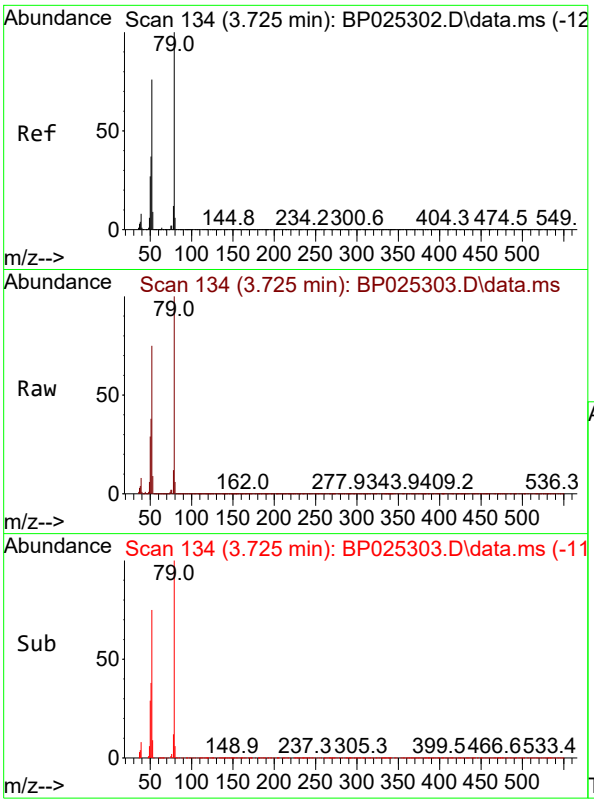


#2
1,4-Dioxane
Concen: 50.482 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 88 Resp: 252837

Ion	Ratio	Lower	Upper
88	100		
58	77.7	61.9	92.9
43	29.6	24.2	36.2

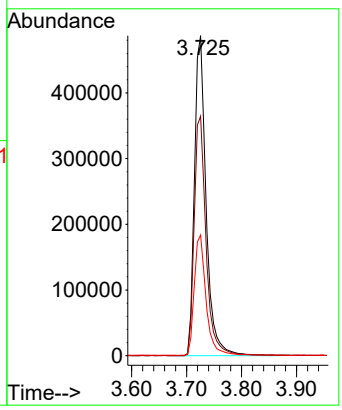




#3
Pyridine
Concen: 51.596 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 79 Resp: 71796

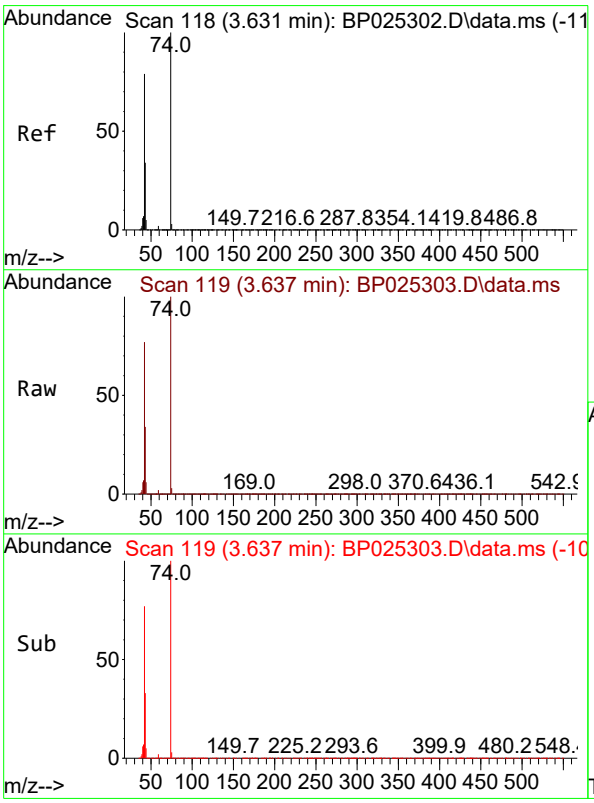
Ion	Ratio	Lower	Upper
79	100		
52	74.9	60.5	90.7
51	37.7	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

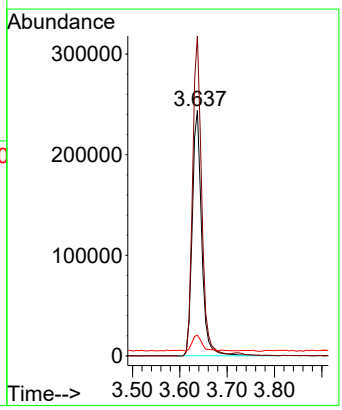
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

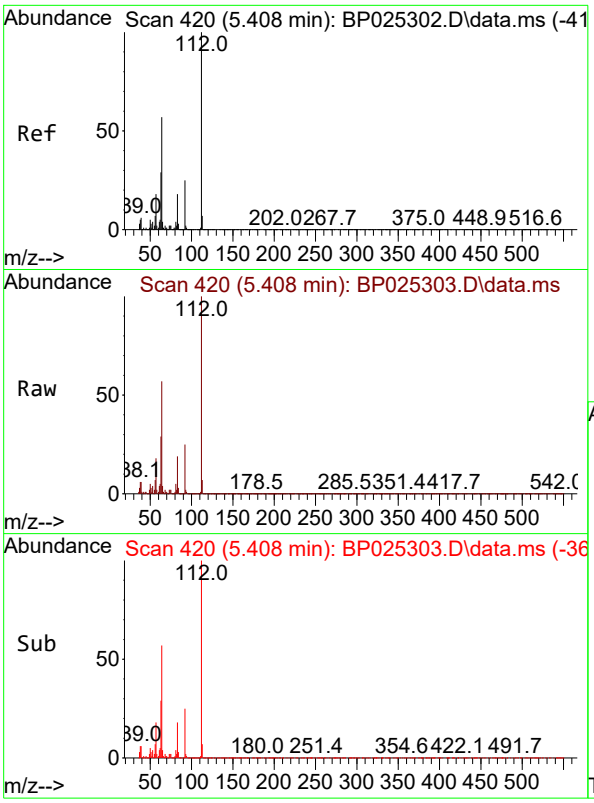


#4
n-Nitrosodimethylamine
Concen: 52.181 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 42 Resp: 337100

Ion	Ratio	Lower	Upper
42	100		
74	130.4	101.4	152.2
44	8.4	7.6	11.4

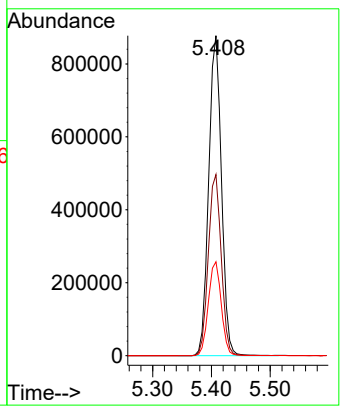




#5
2-Fluorophenol
Concen: 103.607 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:112 Resp: 132349

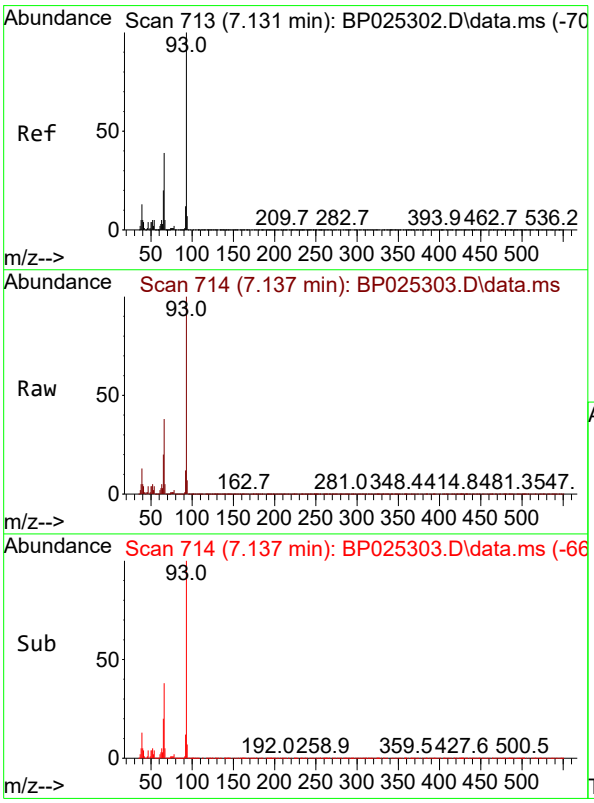
Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.3	67.9
63	29.3	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

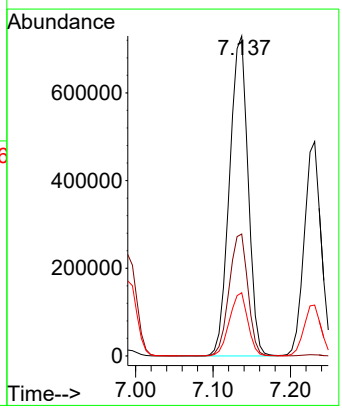
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

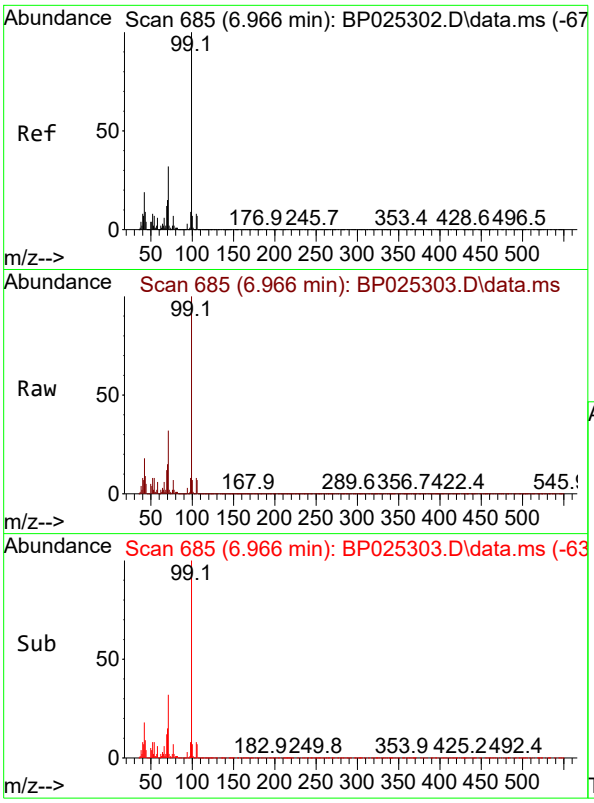


#6
Aniline
Concen: 53.084 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 1217200

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.1	46.7
65	19.8	15.8	23.8

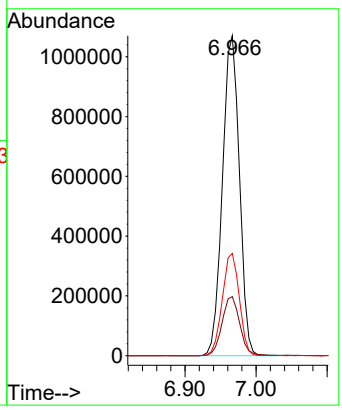




#7
Phenol-d6
Concen: 105.044 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 99 Resp: 177008

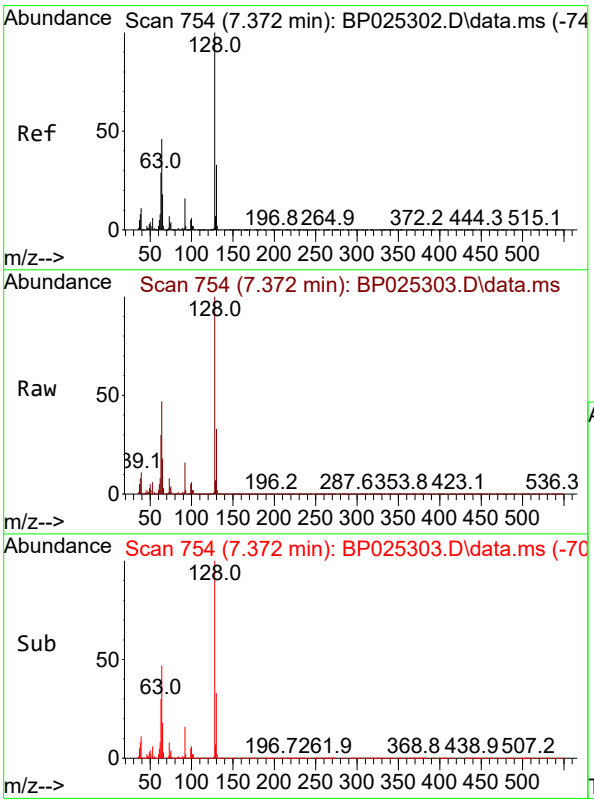
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.6
71	32.0	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

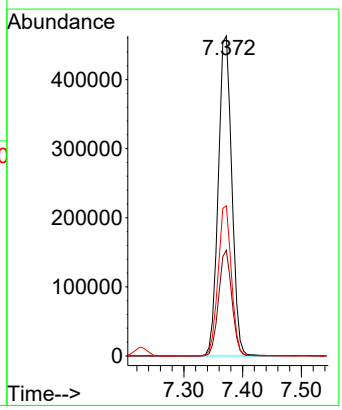
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

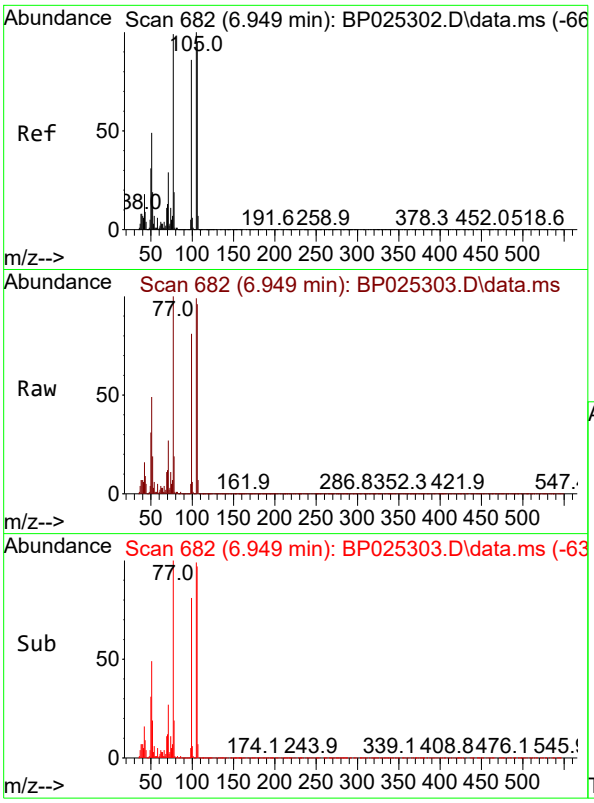


#8
2-Chlorophenol
Concen: 53.306 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:128 Resp: 740540

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	46.9	26.1	66.1

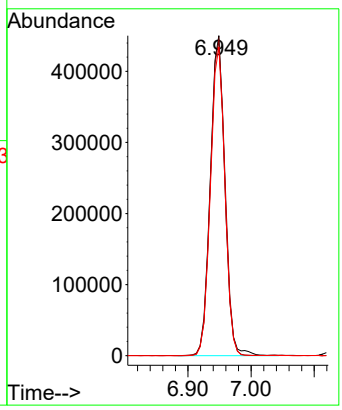




#9
Benzaldehyde
Concen: 60.611 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 71907

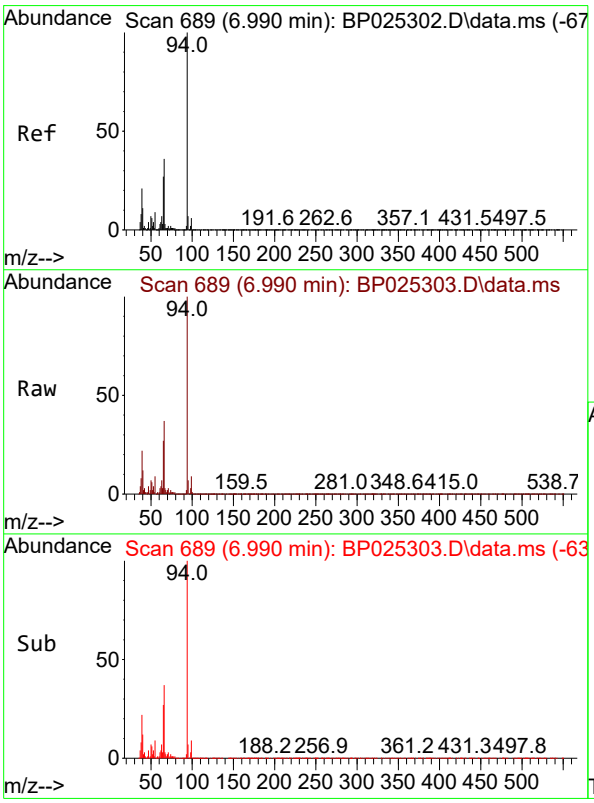
Ion	Ratio	Lower	Upper
77	100		
105	98.6	81.4	121.4
106	96.5	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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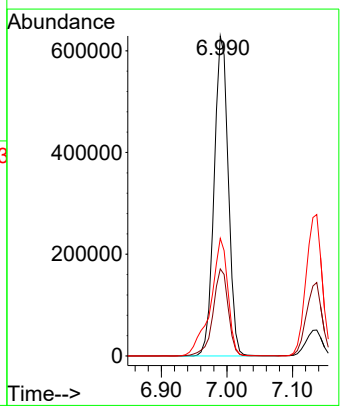
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

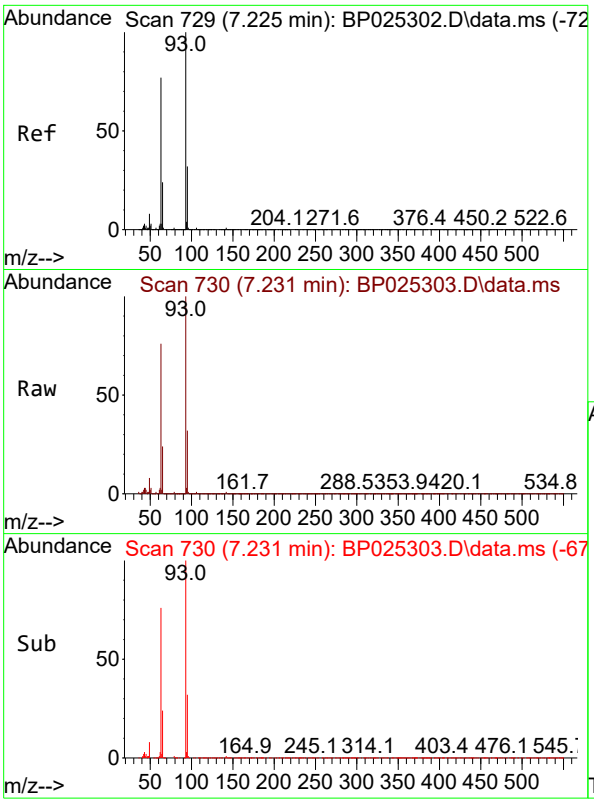


#10
Phenol
Concen: 52.642 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 94 Resp: 940803

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.3	47.3
66	36.8	15.7	55.7

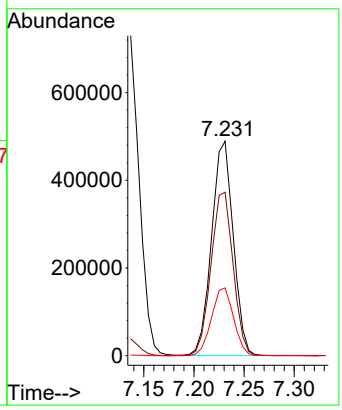




#11
bis(2-Chloroethyl)ether
Concen: 52.476 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 73482

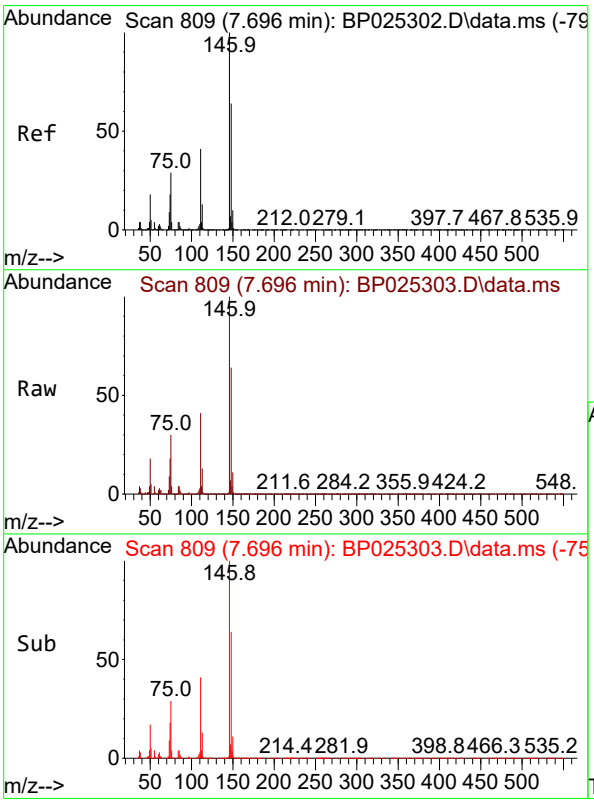
Ion	Ratio	Lower	Upper
93	100		
63	76.2	57.0	97.0
95	31.6	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

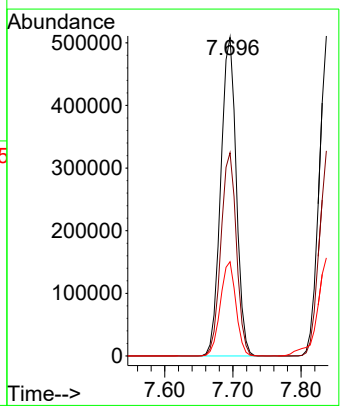
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

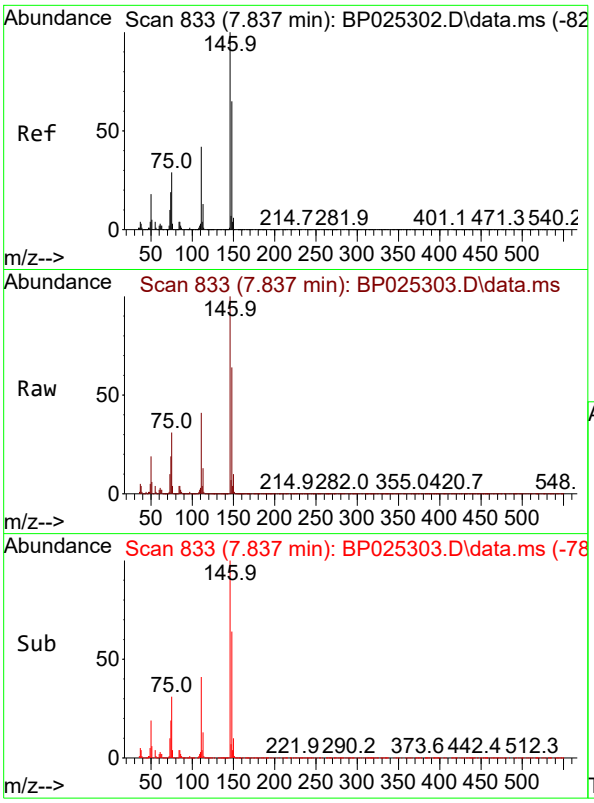


#12
1,3-Dichlorobenzene
Concen: 51.499 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 803898

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	29.6	23.2	34.8

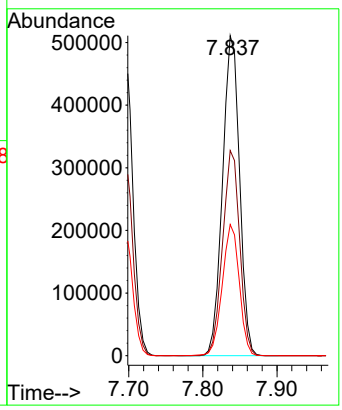




#13
1,4-Dichlorobenzene
Concen: 51.745 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 81718

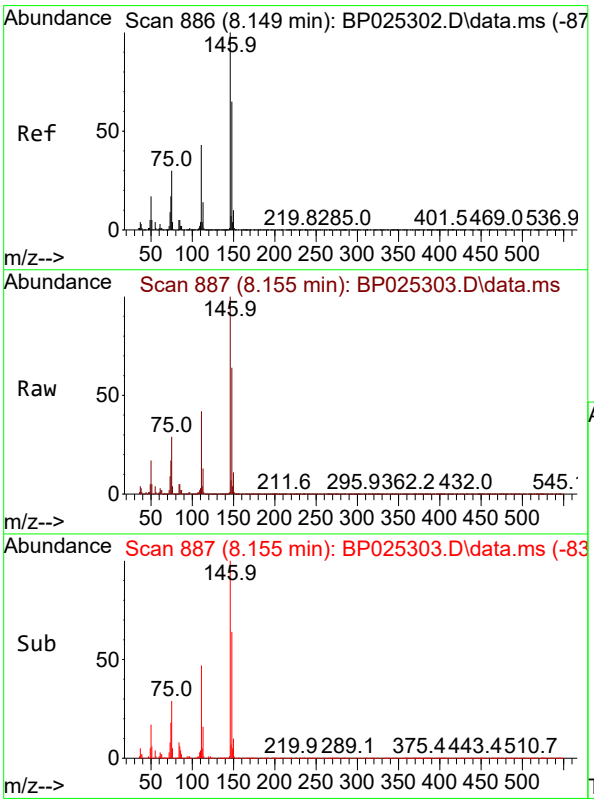
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	41.0	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

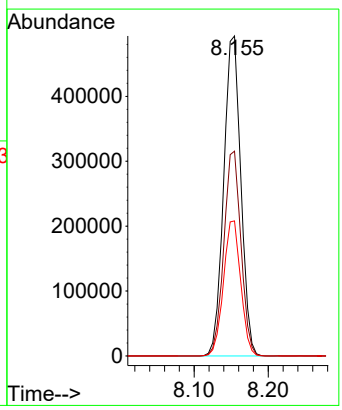
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

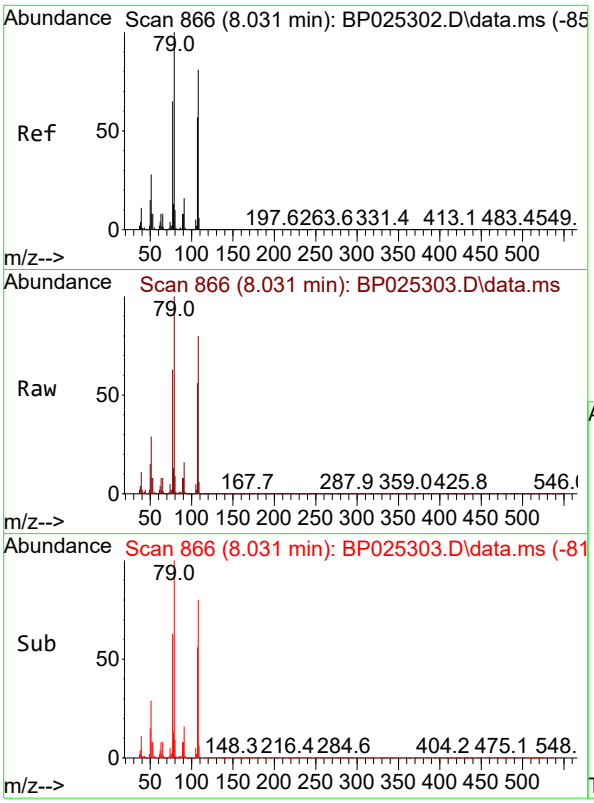


#14
1,2-Dichlorobenzene
Concen: 51.749 ng
RT: 8.155 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 791692

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	42.2	34.4	51.6

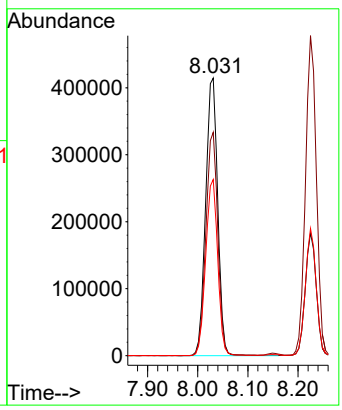




#15
Benzyl Alcohol
Concen: 53.573 ng
RT: 8.031 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 79 Resp: 69364

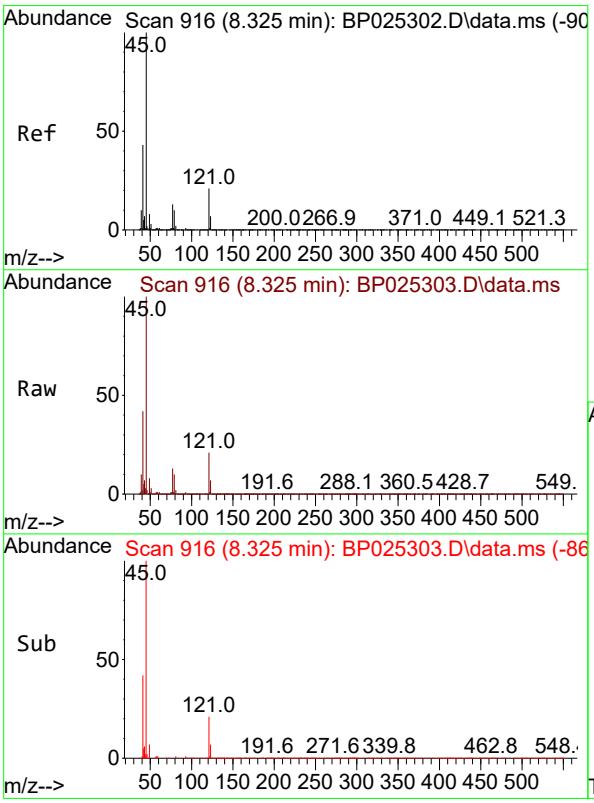
Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.5	96.7
77	63.5	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

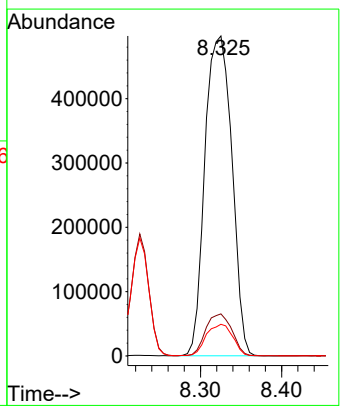
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

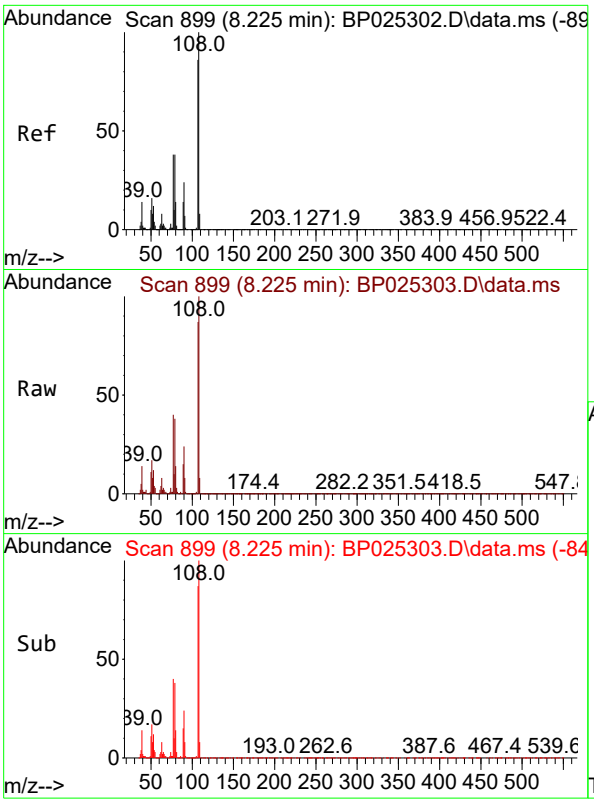


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.937 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 45 Resp: 1148882

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.0
79	9.9	0.0	29.8

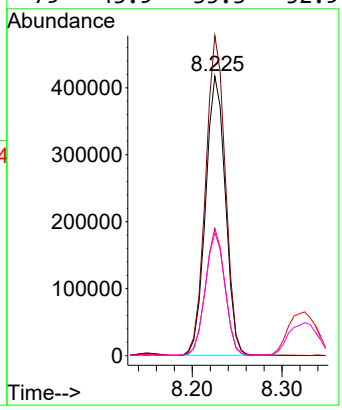




#17
2-Methylphenol
Concen: 53.483 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 63957

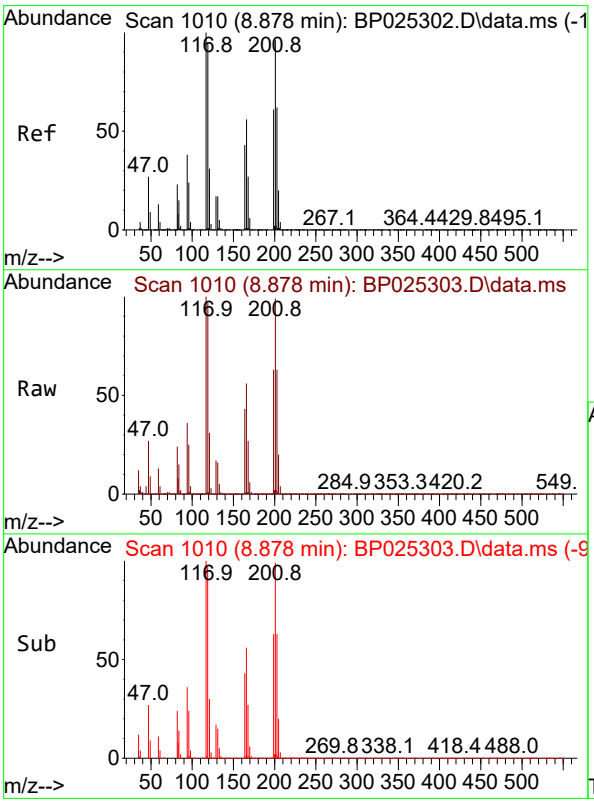
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	139.0
77	45.5	35.4	53.2
79	43.9	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

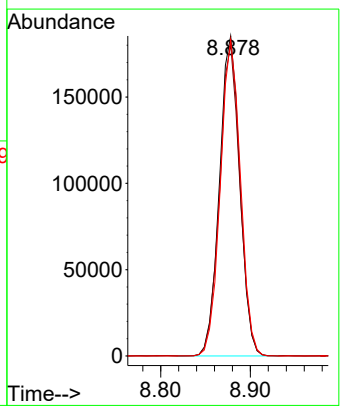
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

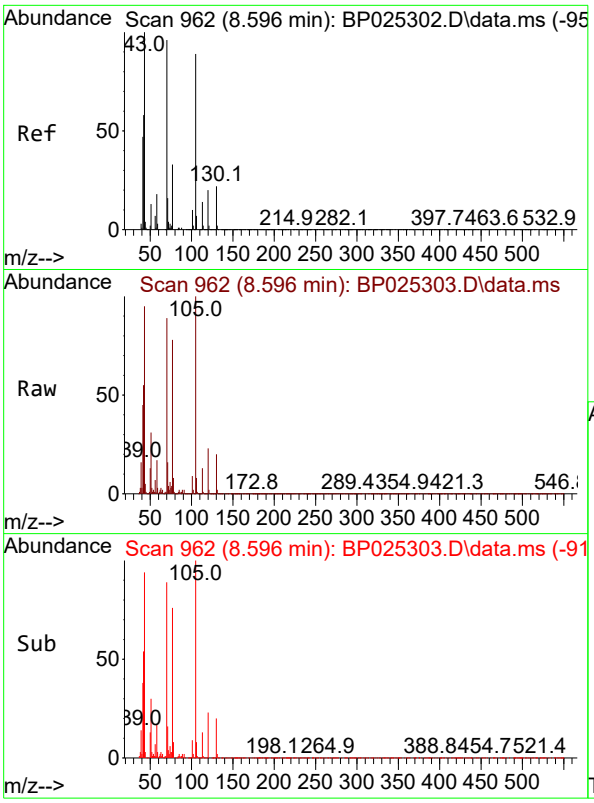


#18
Hexachloroethane
Concen: 51.649 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:117 Resp: 291706

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	98.9	76.6	114.8

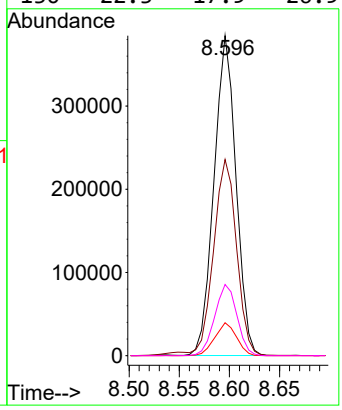




#19
n-Nitroso-di-n-propylamine
Concen: 53.300 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 70 Resp: 58494

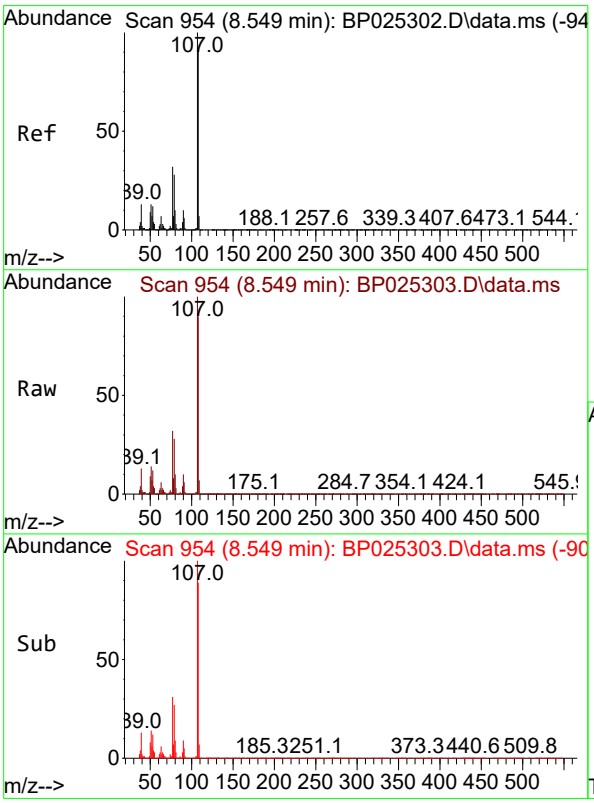
Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.4	74.0
101	10.3	7.9	11.9
130	22.3	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

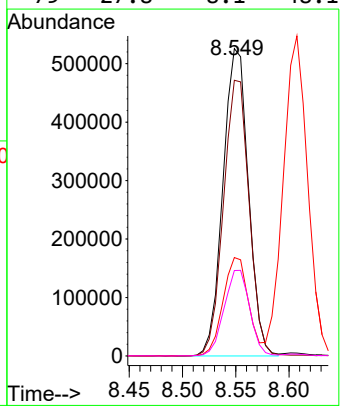
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

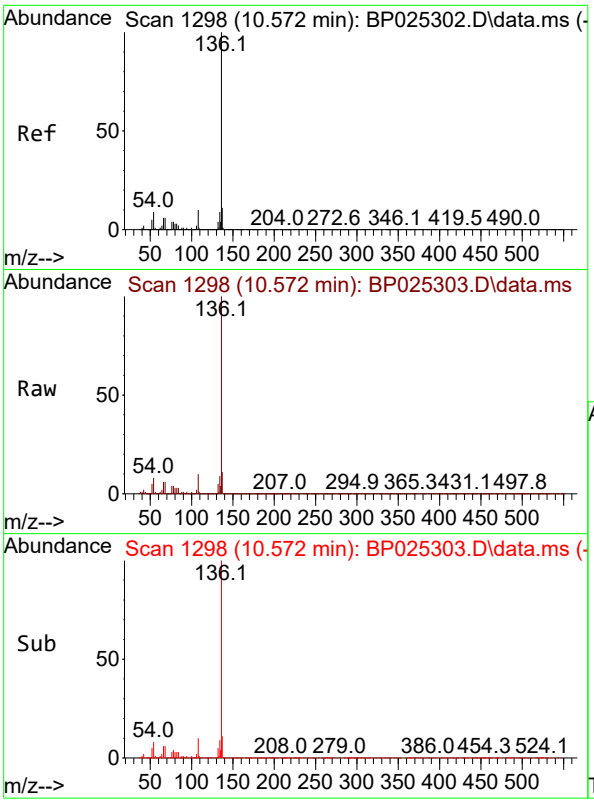


#20
3+4-Methylphenols
Concen: 53.075 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 873995

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.9	111.9
77	32.0	12.0	52.0
79	27.8	8.1	48.1

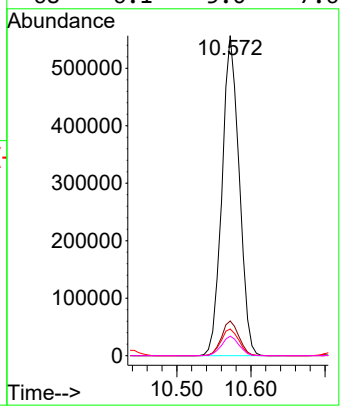




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:136 Resp: 89527

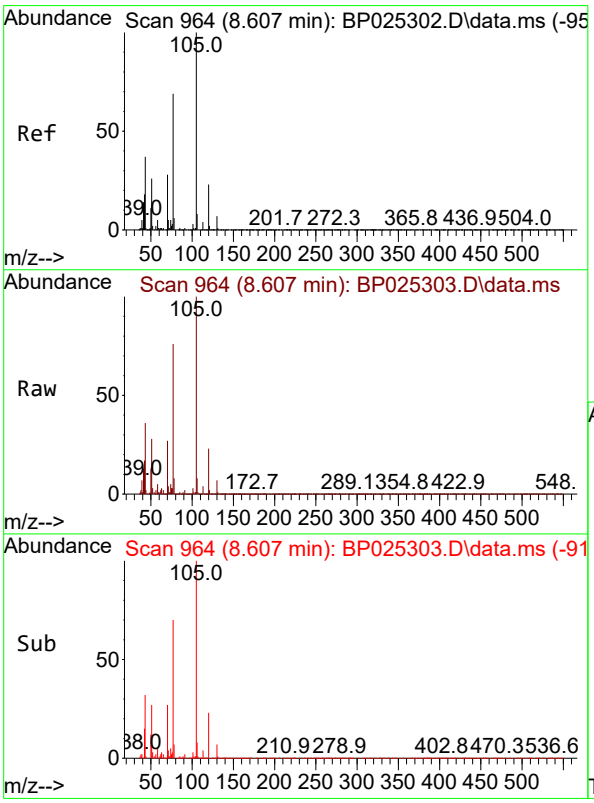
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.0	10.6
68	6.1	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

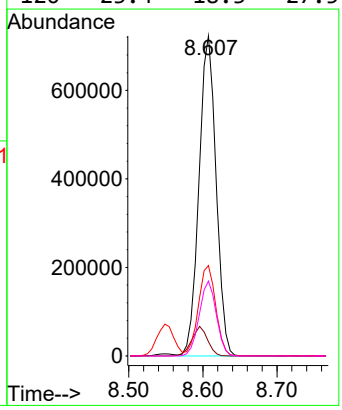
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

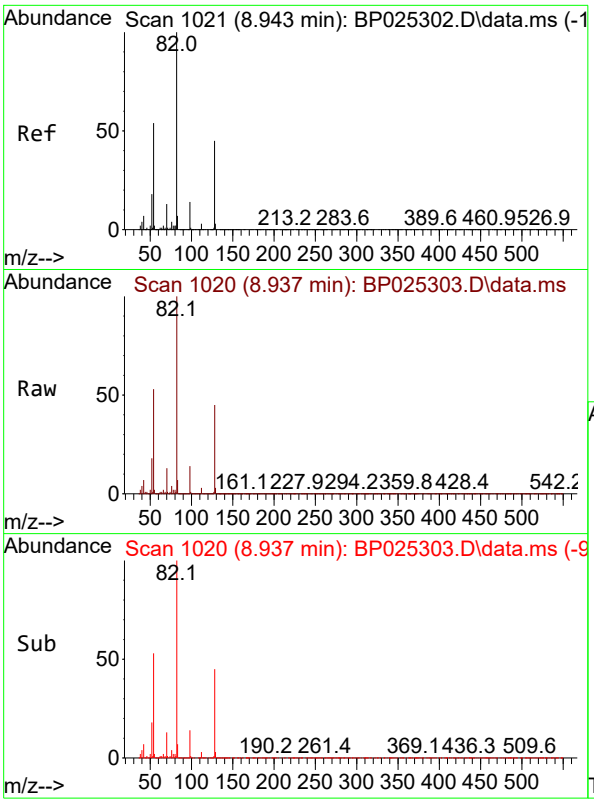


#22
Acetophenone
Concen: 51.524 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:105 Resp: 1157990

Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.1	6.1
51	28.2	22.7	34.1
120	23.4	18.3	27.5

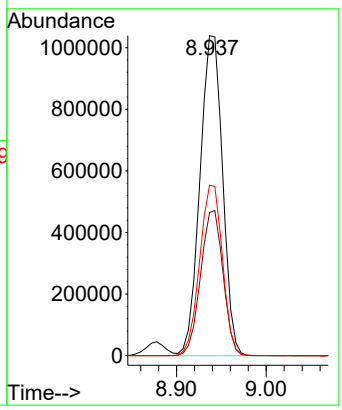




#23
Nitrobenzene-d5
Concen: 110.005 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 82 Resp: 182022

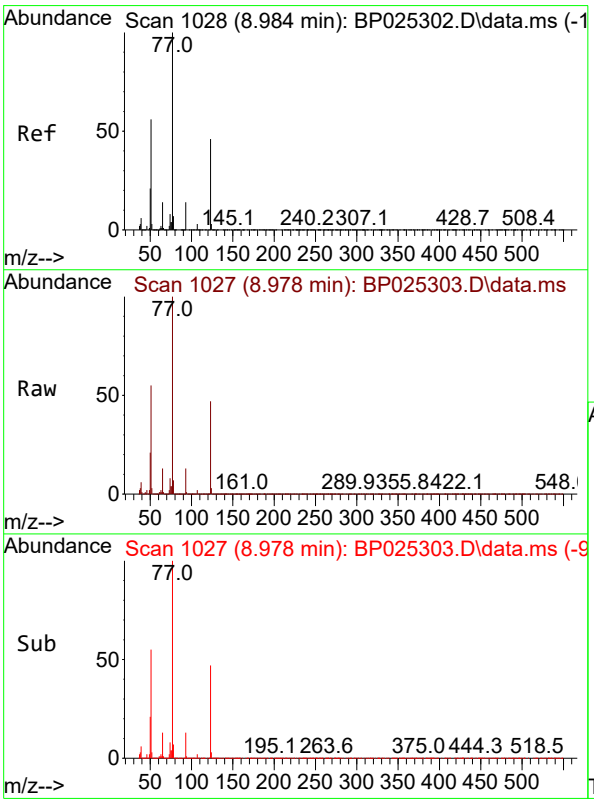
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.4	53.2
54	53.3	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

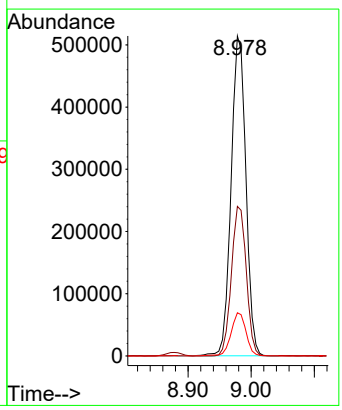
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

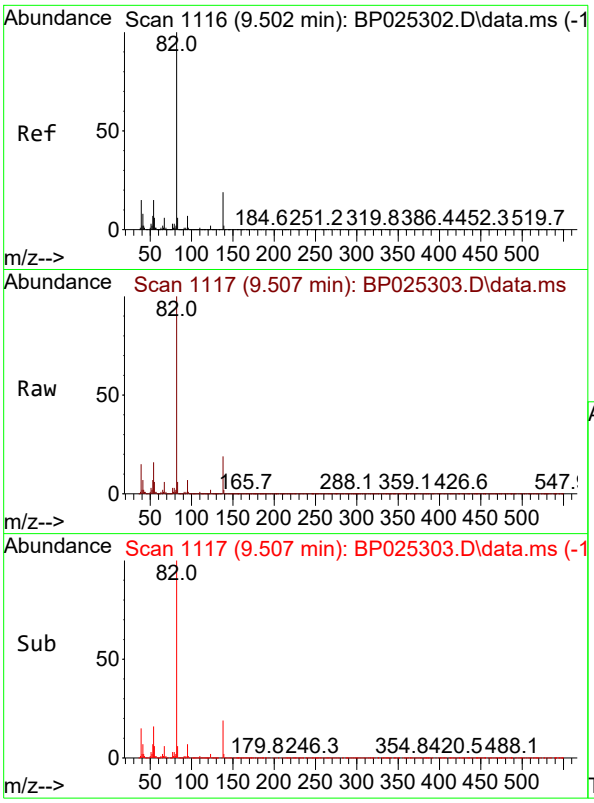


#24
Nitrobenzene
Concen: 54.626 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 835622

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.4	56.2
65	13.5	11.1	16.7

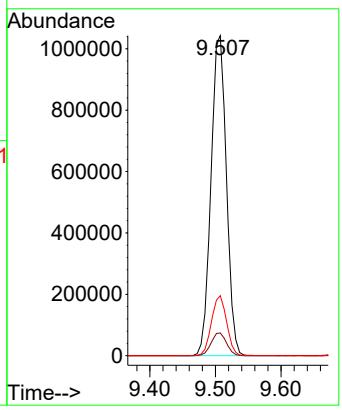




#25
Isophorone
Concen: 52.827 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 82 Resp: 169929

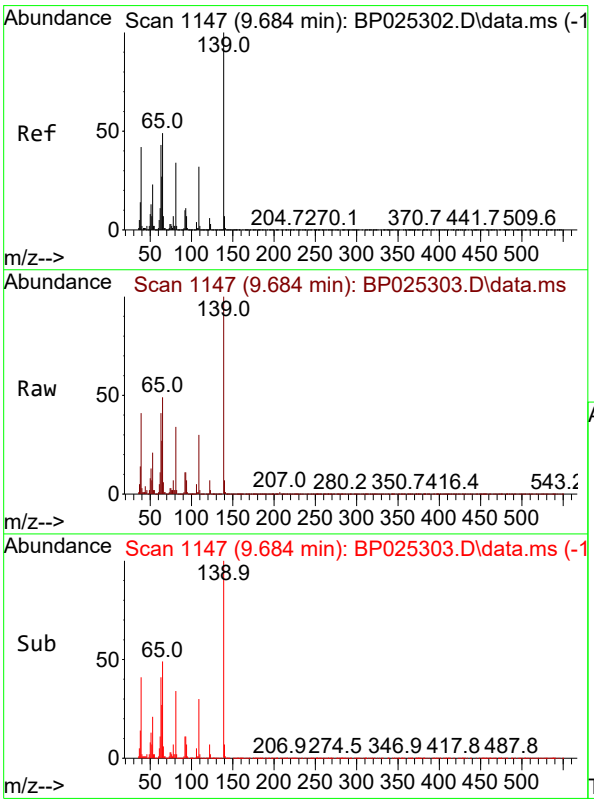
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.7	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

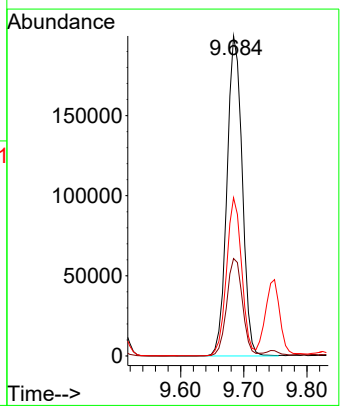
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

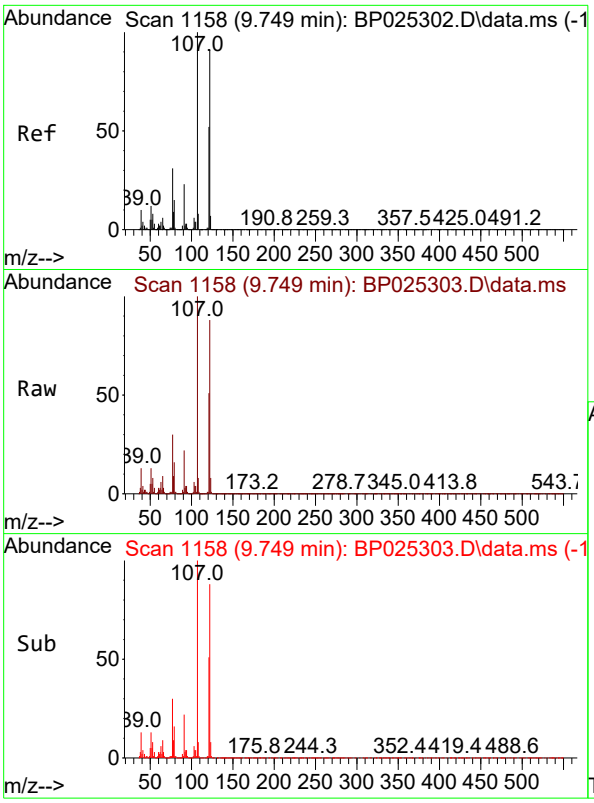


#26
2-Nitrophenol
Concen: 49.999 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:139 Resp: 334267

Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.2	37.8
65	49.4	39.6	59.4

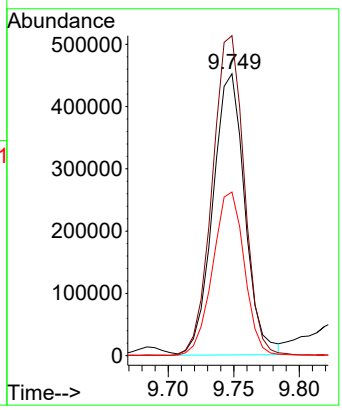




#27
2,4-Dimethylphenol
Concen: 51.553 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:122 Resp: 764549

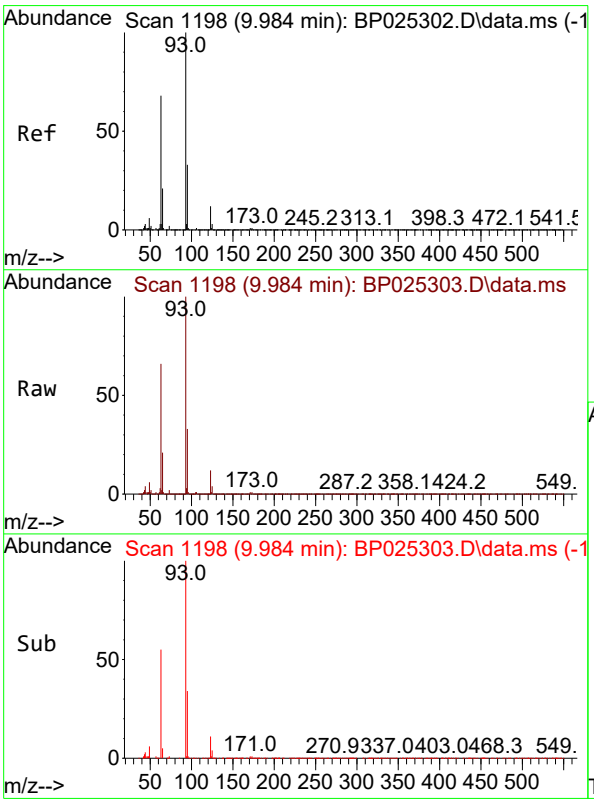
Ion	Ratio	Lower	Upper
122	100		
107	113.5	87.4	131.0
121	58.1	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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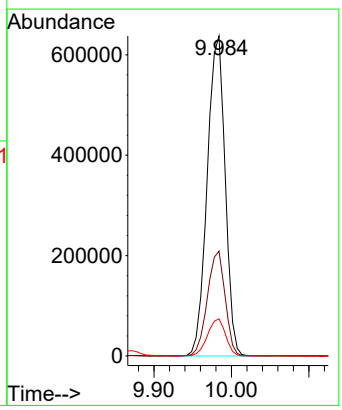
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

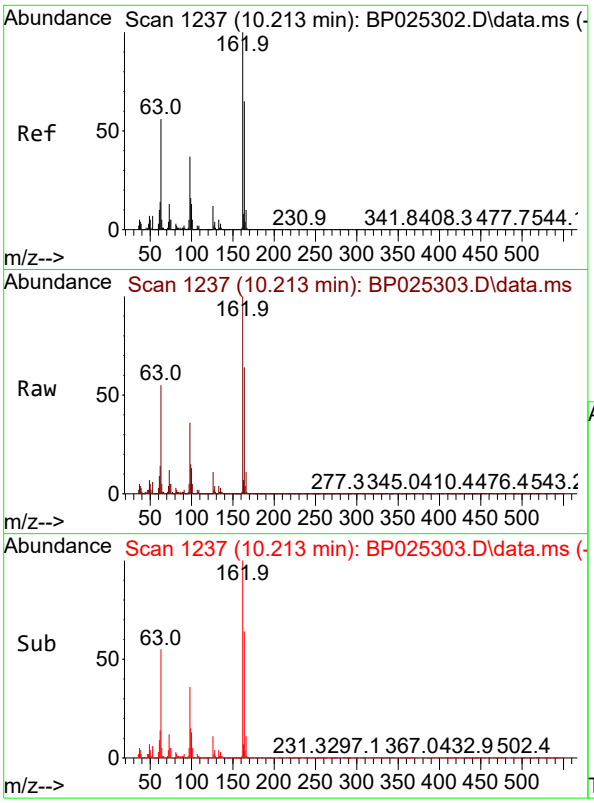


#28
bis(2-Chloroethoxy)methane
Concen: 52.308 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 1023578

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.6	9.4	14.2

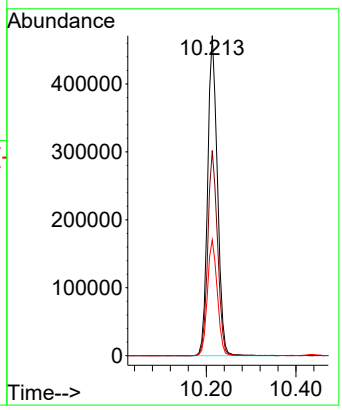




#29
2,4-Dichlorophenol
Concen: 54.711 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:162 Resp: 71035

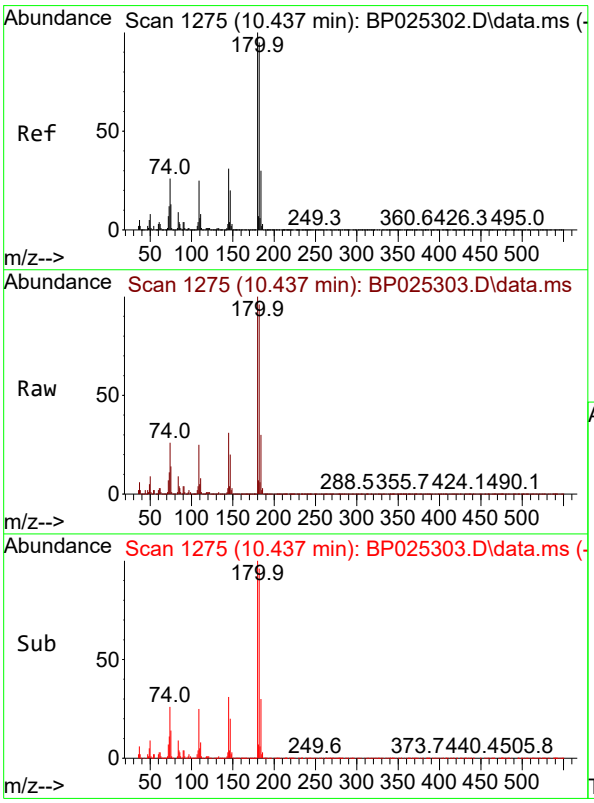
Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	36.2	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

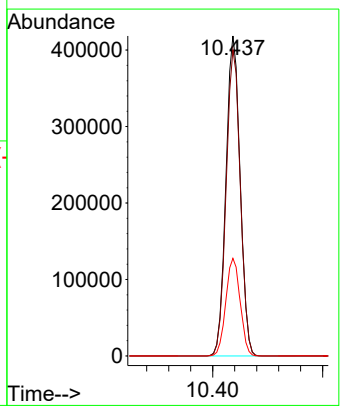
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

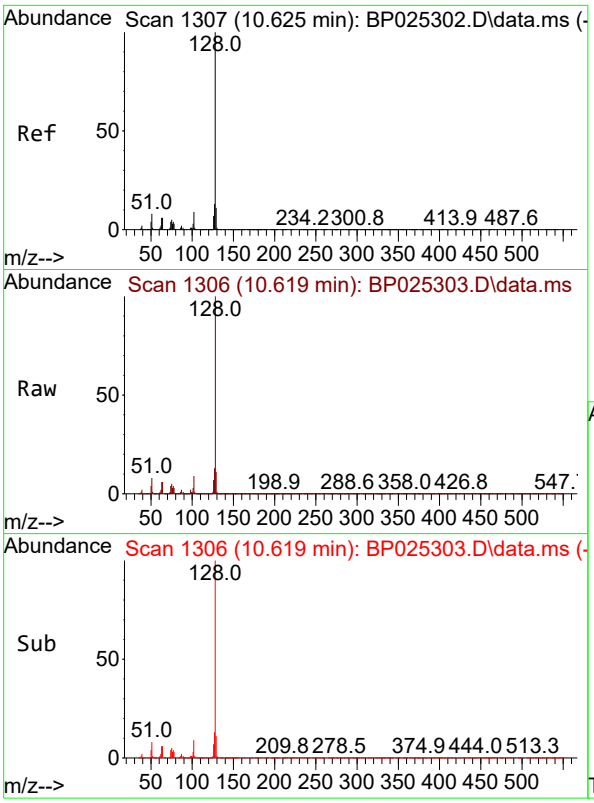


#30
1,2,4-Trichlorobenzene
Concen: 52.150 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:180 Resp: 747003

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	30.5	25.0	37.4

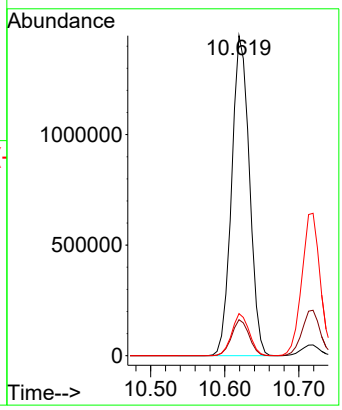




#31
Naphthalene
Concen: 51.746 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:128 Resp: 240495

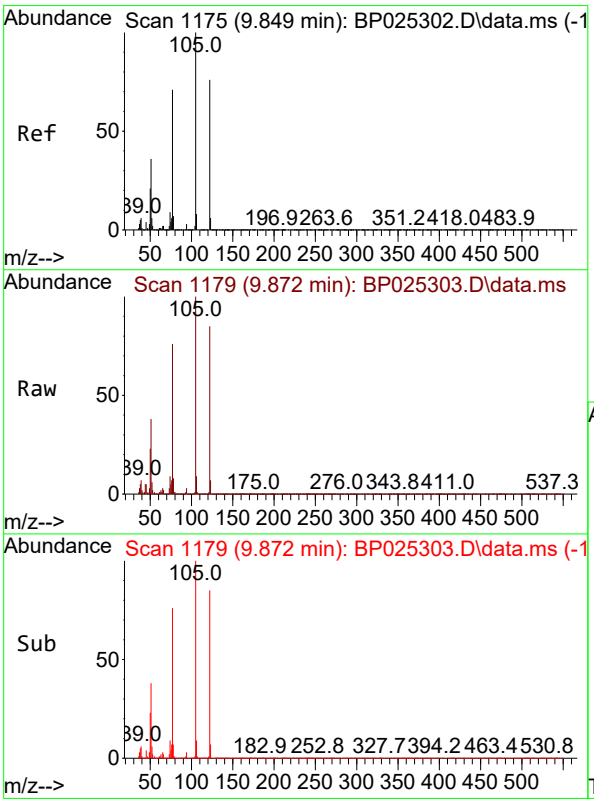
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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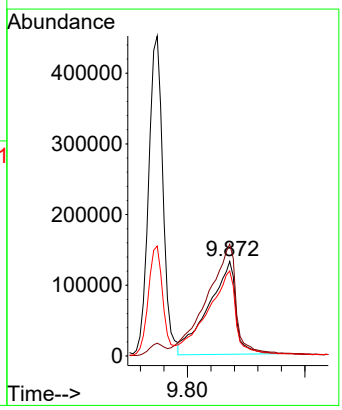
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

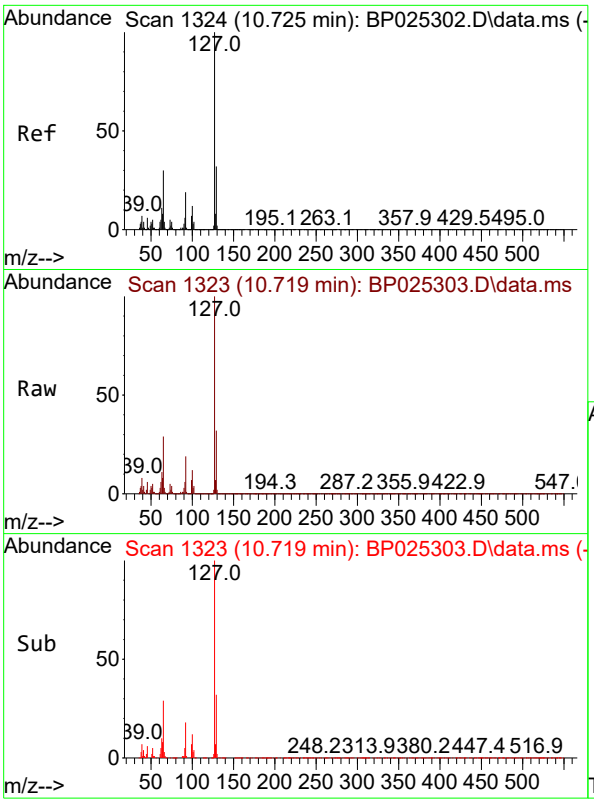


#32
Benzoic acid
Concen: 49.747 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:122 Resp: 427207

Ion	Ratio	Lower	Upper
122	100		
105	118.0	104.0	144.0
77	89.7	71.8	111.8

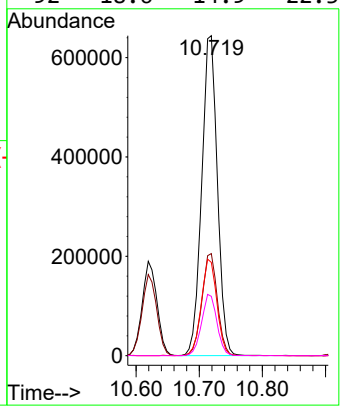




#33
4-Chloroaniline
Concen: 53.624 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:127 Resp: 110842

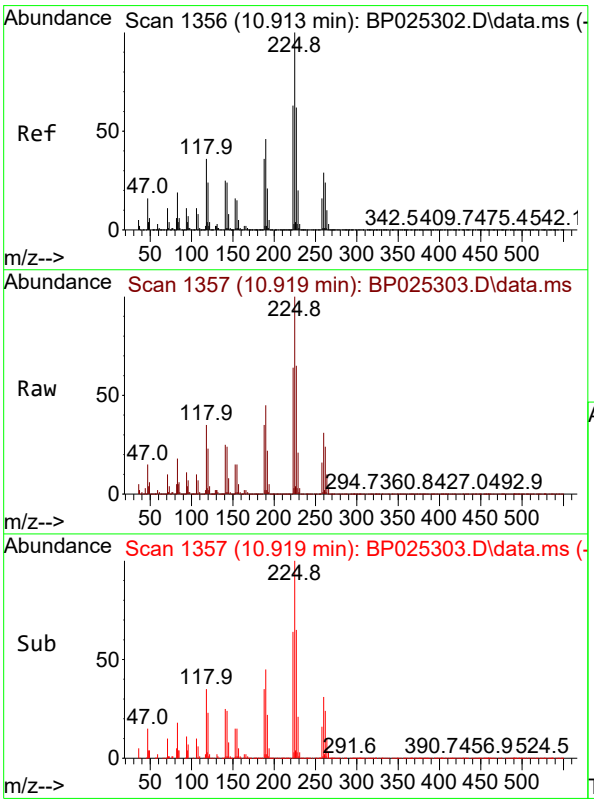
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.2	23.6	35.4
92	18.6	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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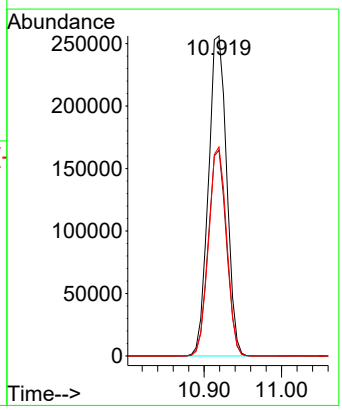
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

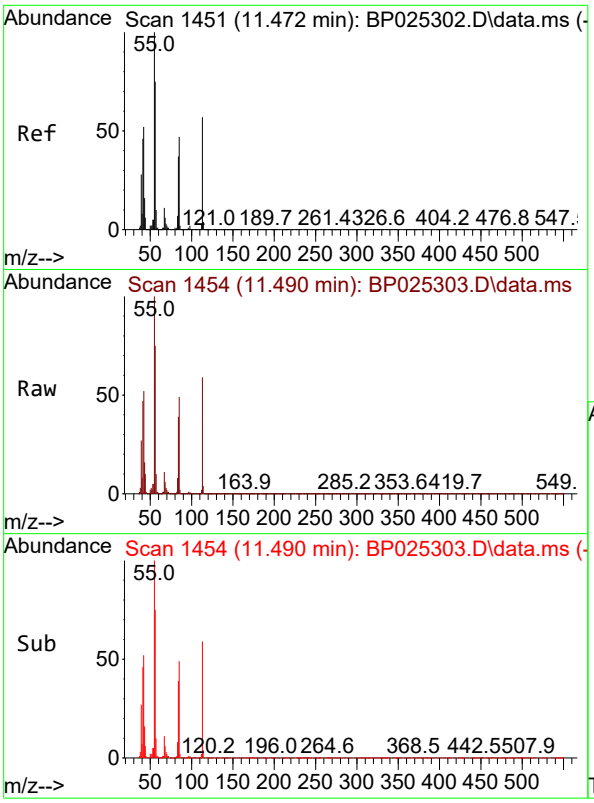


#34
Hexachlorobutadiene
Concen: 51.144 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:225 Resp: 420532

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.3	75.5
227	65.3	49.7	74.5





#35
Caprolactam
Concen: 54.273 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

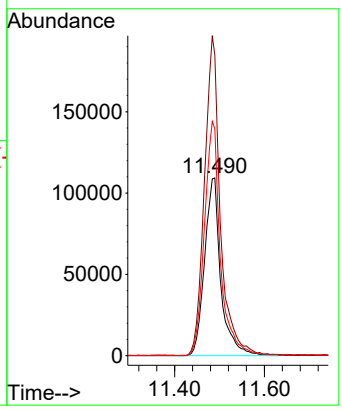
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

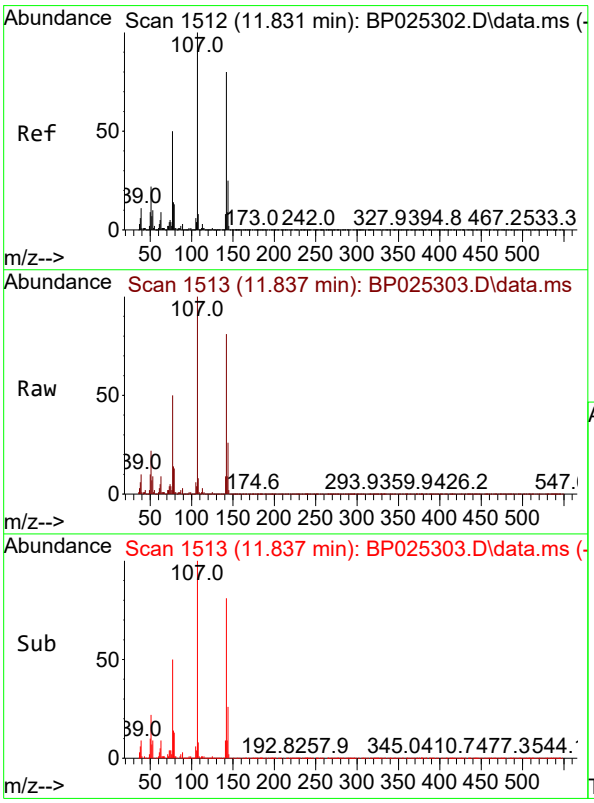
Tgt Ion:113 Resp: 27397

Ion	Ratio	Lower	Upper
113	100		
55	169.0	154.4	194.4
56	127.5	110.9	150.9

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

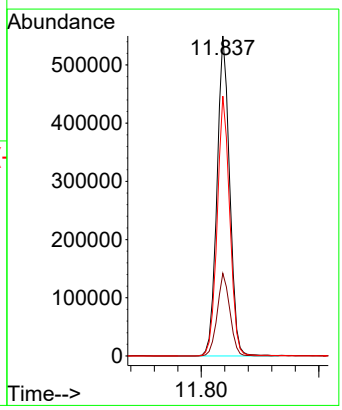


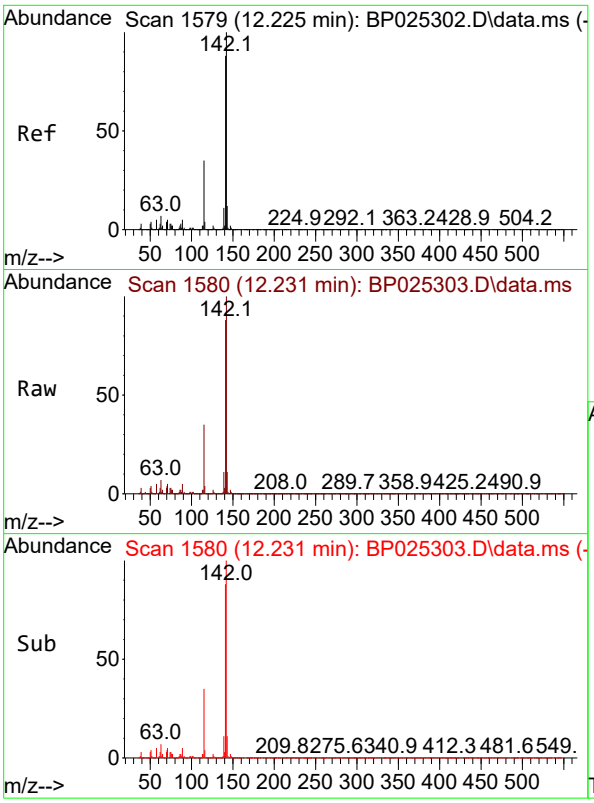


#36
4-Chloro-3-methylphenol
Concen: 54.768 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 822806

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	81.2	63.7	95.5

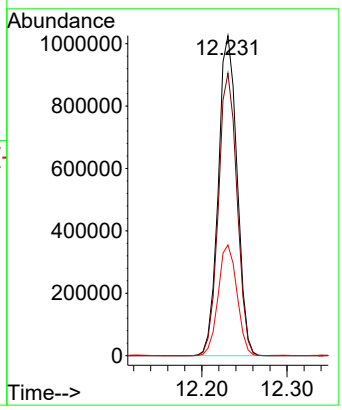




#37
2-Methylnaphthalene
Concen: 52.175 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:142 Resp: 156952

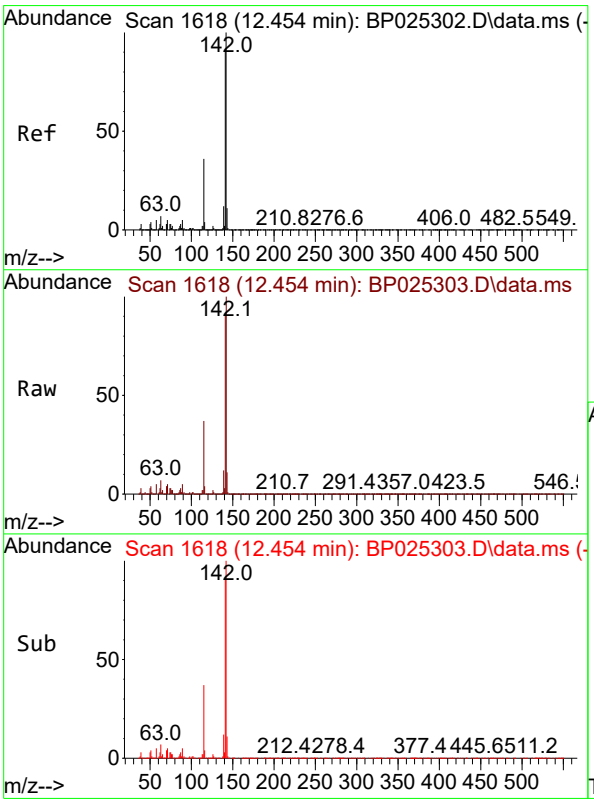
Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	34.6	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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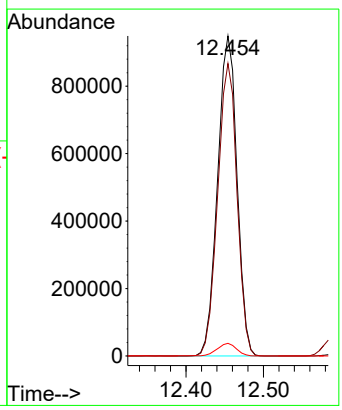
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

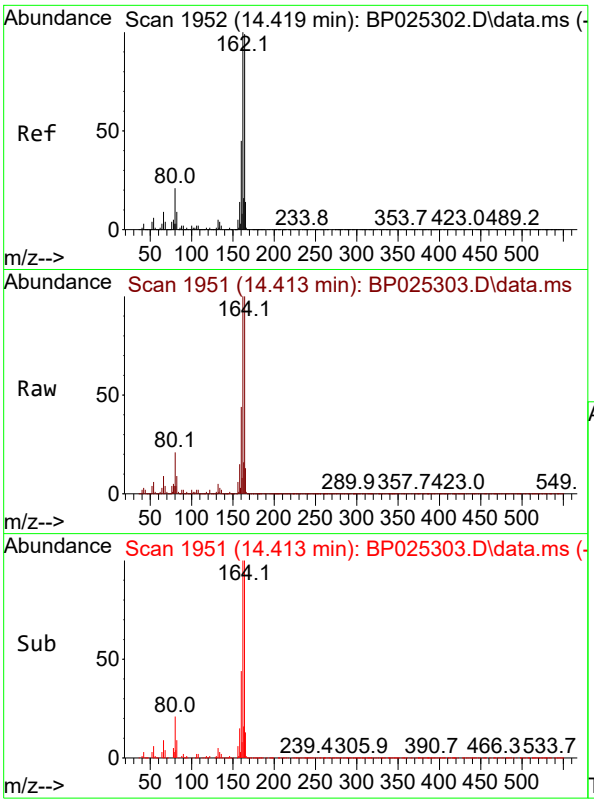


#38
1-Methylnaphthalene
Concen: 52.701 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:142 Resp: 1654175

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.9	3.0	4.6

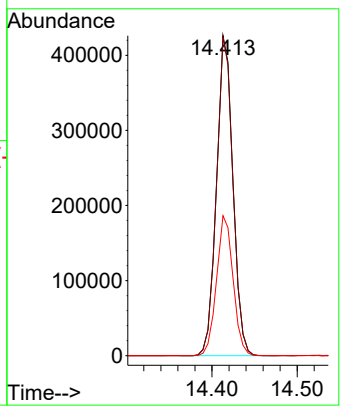




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:164 Resp: 57161

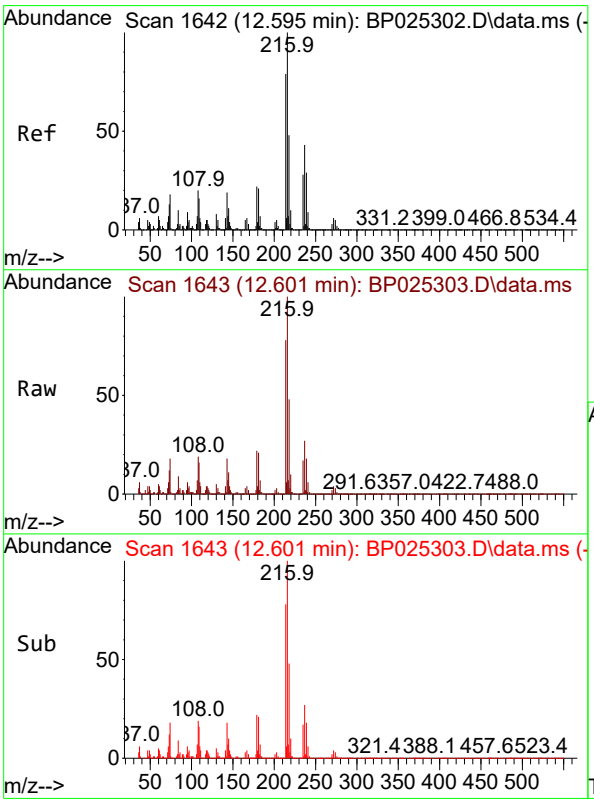
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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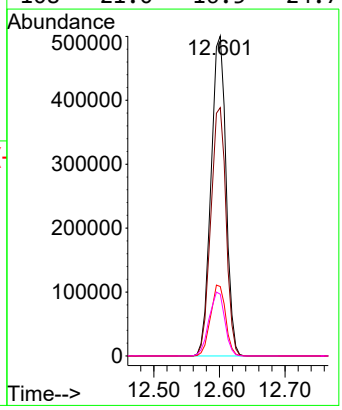
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

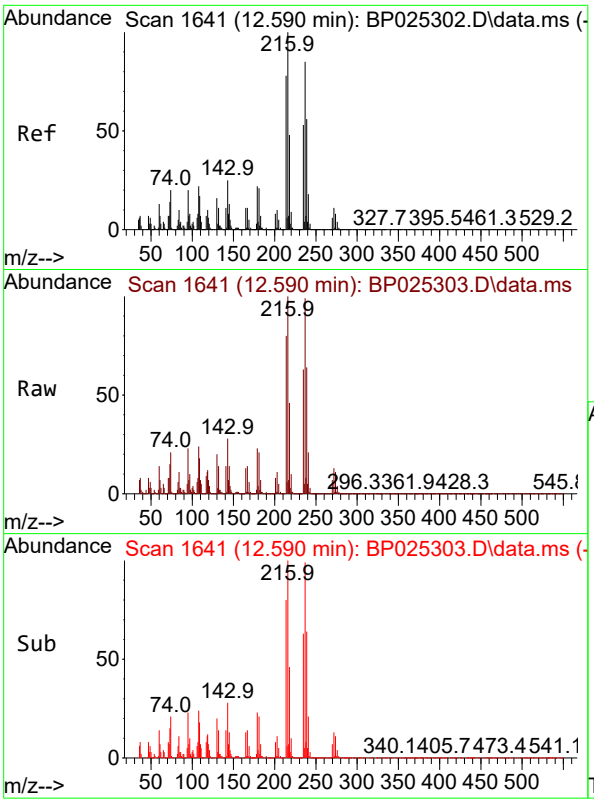


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.962 ng
RT: 12.601 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:216 Resp: 795310

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	22.2	17.5	26.3
108	21.0	16.5	24.7

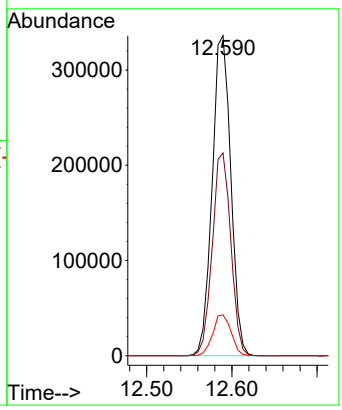




#41
Hexachlorocyclopentadiene
Concen: 53.061 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:237 Resp: 51106

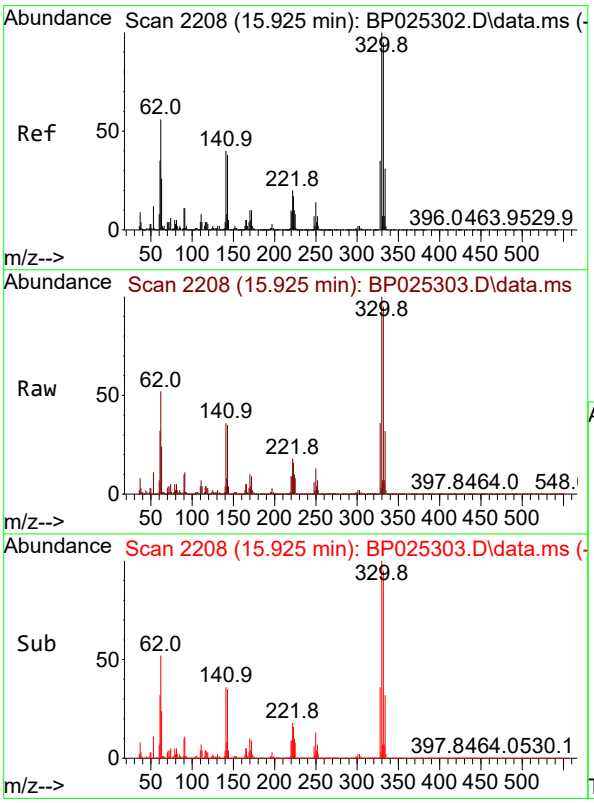
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.2	82.2
272	12.8	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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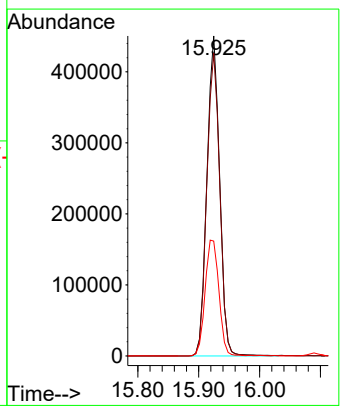
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

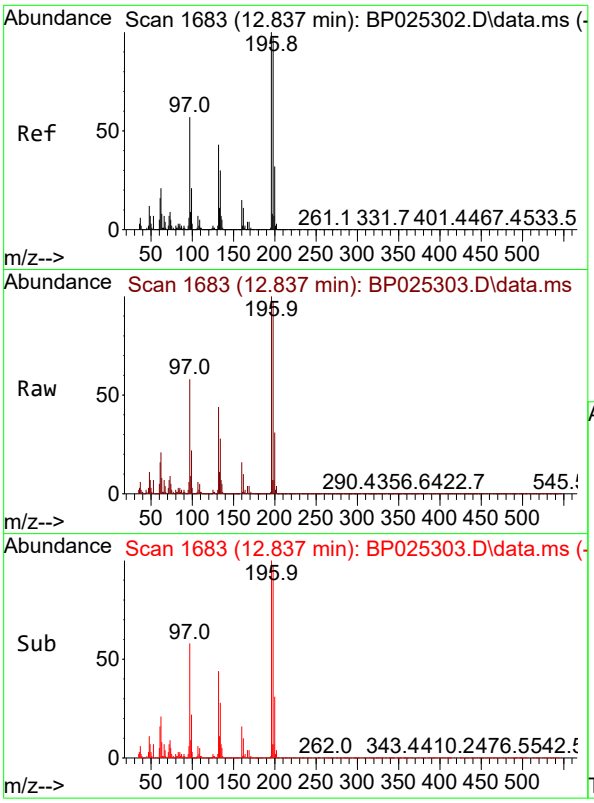


#42
2,4,6-Tribromophenol
Concen: 110.884 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:330 Resp: 654420

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.3	31.7	47.5

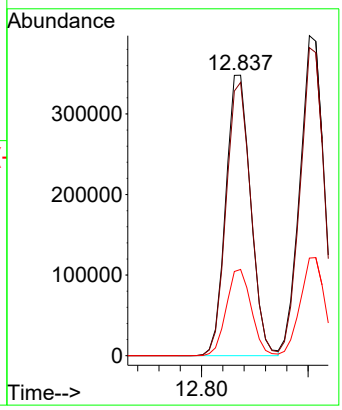




#43
2,4,6-Trichlorophenol
Concen: 56.046 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:196 Resp: 565018

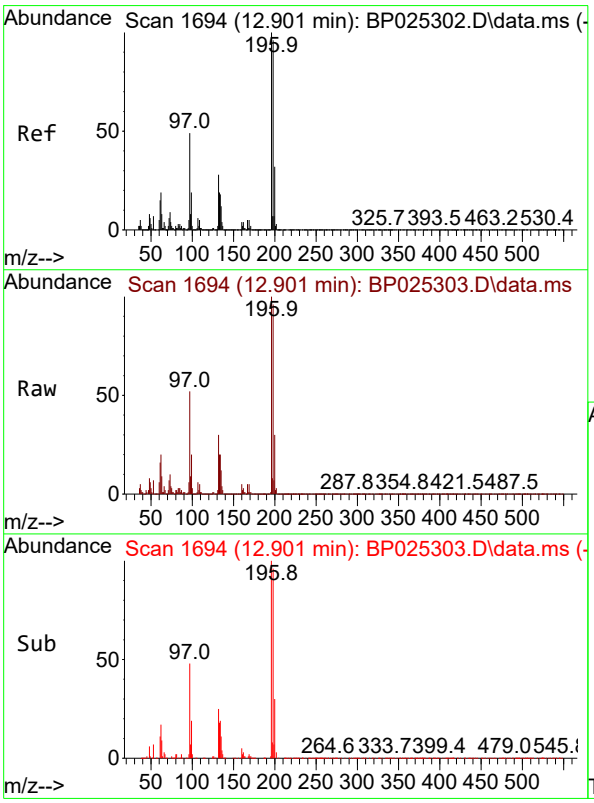
Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.3	115.9
200	30.8	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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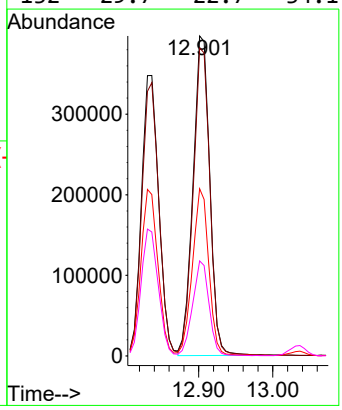
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

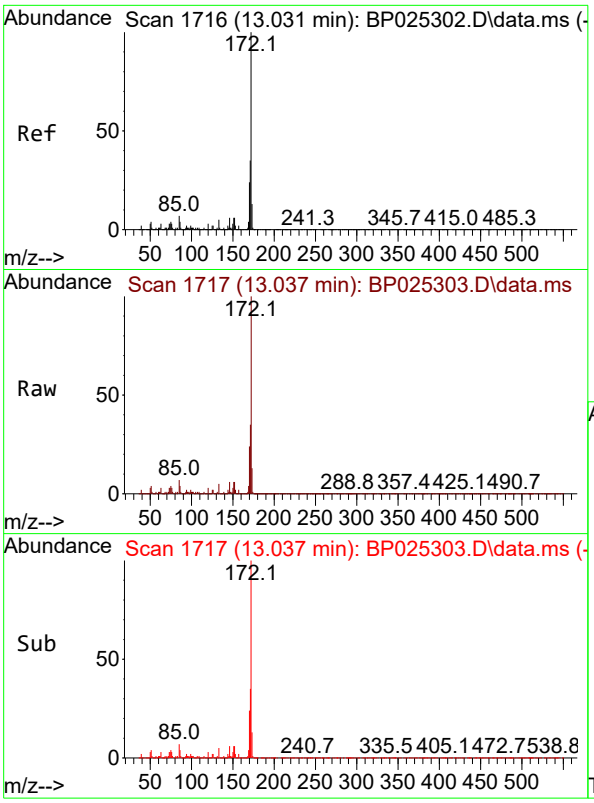


#44
2,4,5-Trichlorophenol
Concen: 55.243 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:196 Resp: 624750

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
97	52.2	39.5	59.3
132	29.7	22.7	34.1

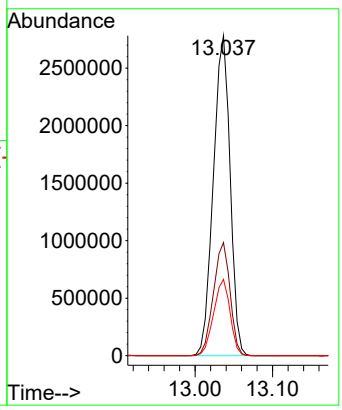




#45
2-Fluorobiphenyl
Concen: 101.643 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:172 Resp: 418412

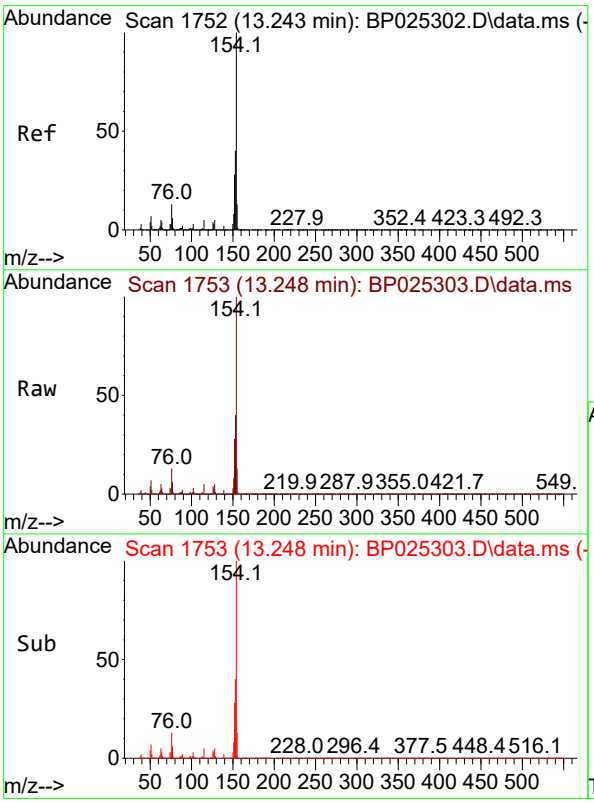
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.9	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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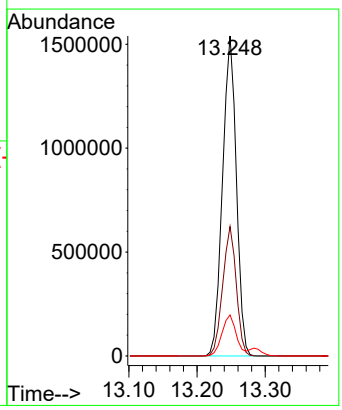
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

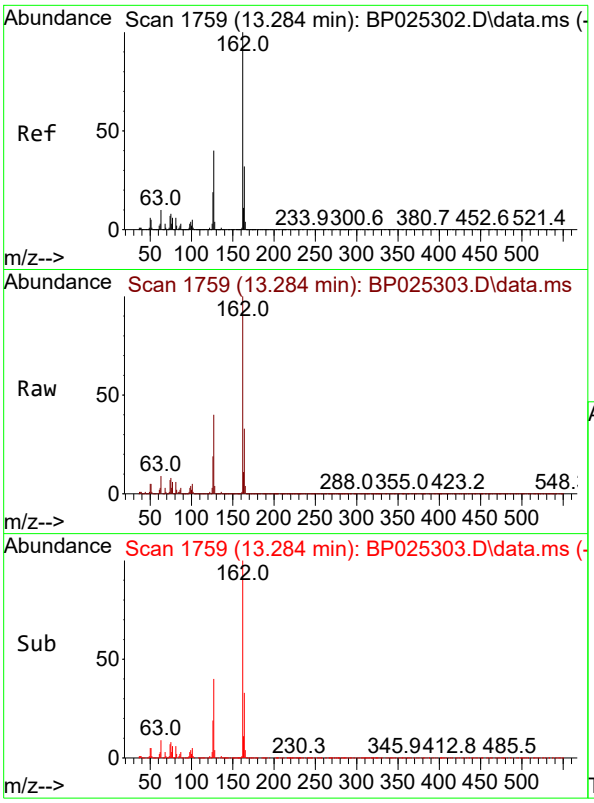


#46
1,1'-Biphenyl
Concen: 51.457 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:154 Resp: 2167632

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.9	59.9
76	12.8	0.0	33.2

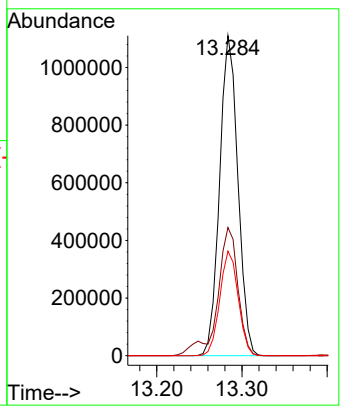




#47
2-Chloronaphthalene
Concen: 51.548 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:162 Resp: 165665

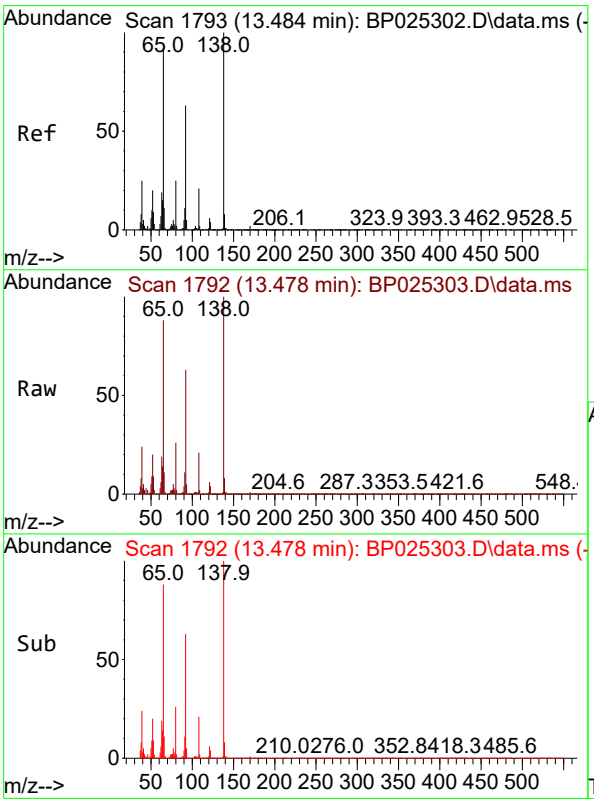
Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.2	48.2
164	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

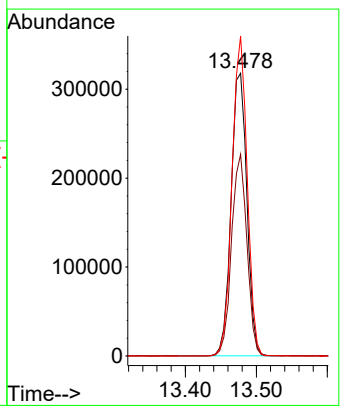
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

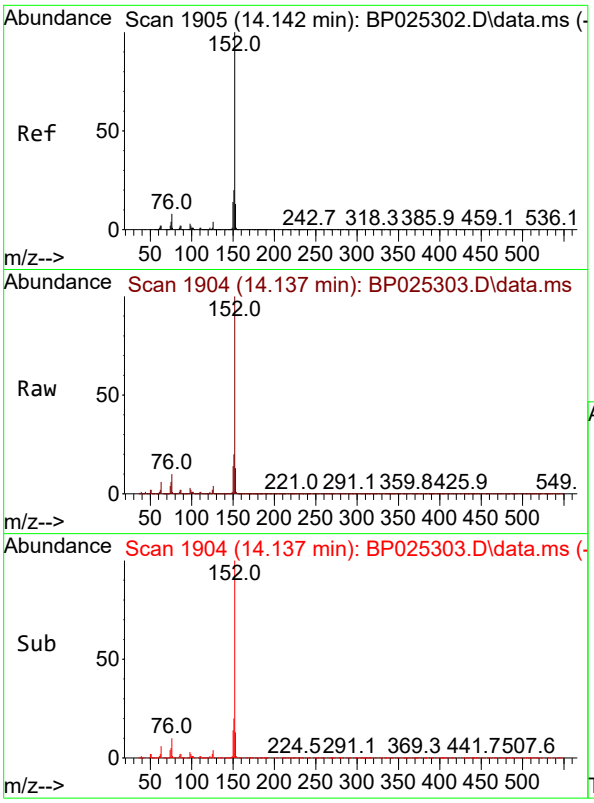


#48
2-Nitroaniline
Concen: 51.971 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 65 Resp: 491730

Ion	Ratio	Lower	Upper
65	100		
92	71.3	54.4	81.6
138	113.2	87.0	130.4

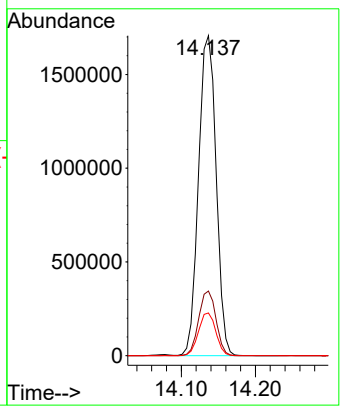




#49
Acenaphthylene
Concen: 52.537 ng
RT: 14.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:152 Resp: 281636

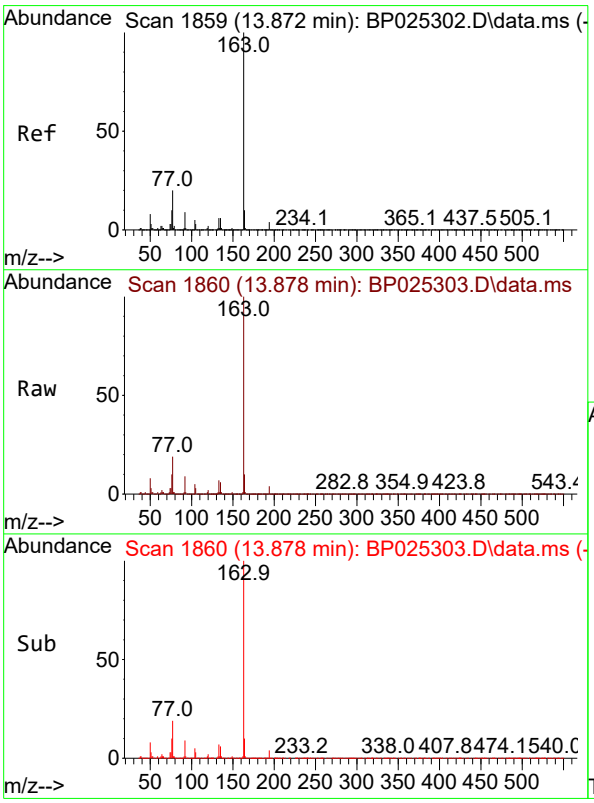
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

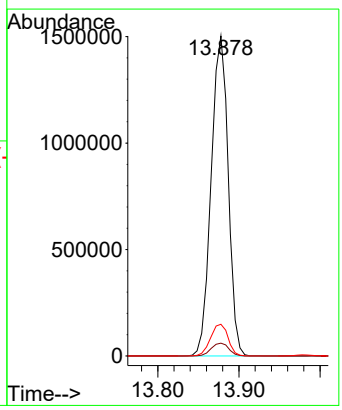
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

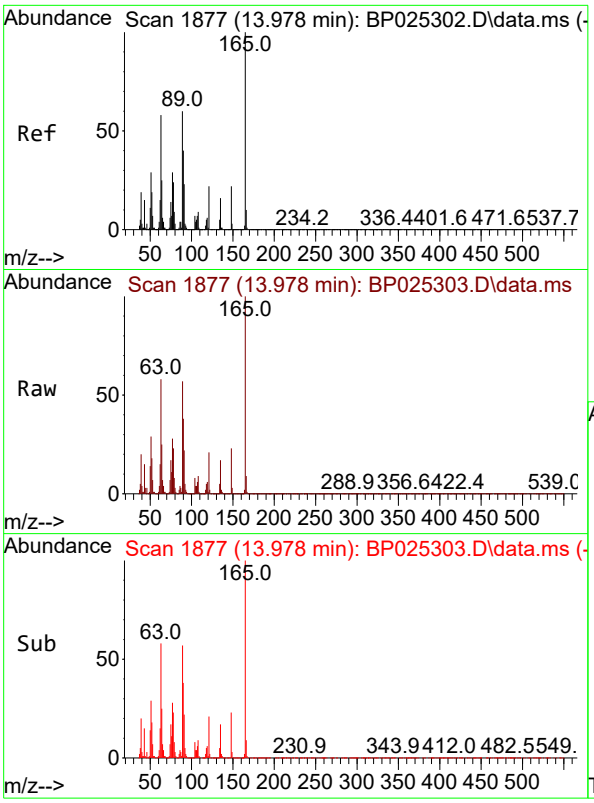


#50
Dimethylphthalate
Concen: 52.544 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:163 Resp: 2189488

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 57.323 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

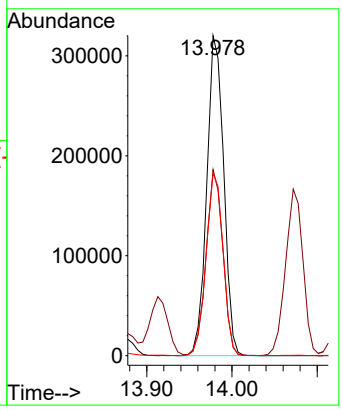
Tgt Ion:165 Resp: 44059

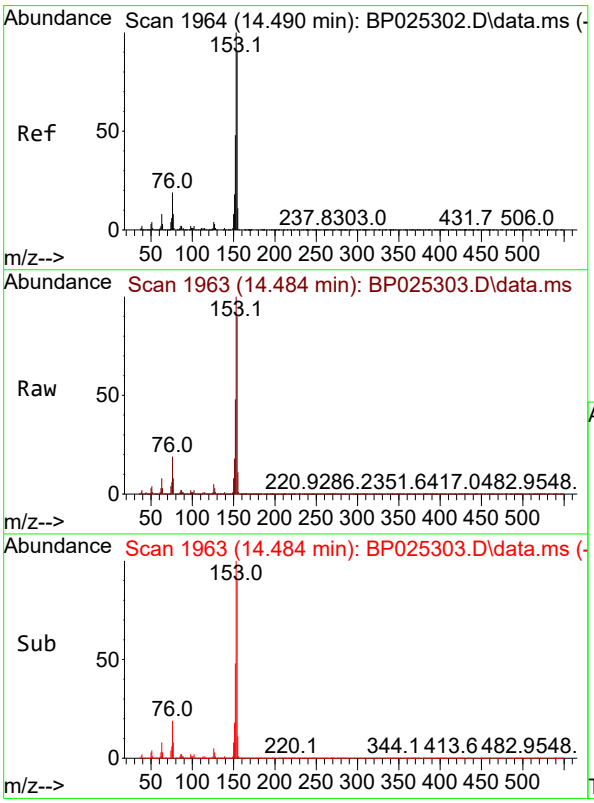
Ion	Ratio	Lower	Upper
165	100		
63	58.1	47.6	71.4
89	57.1	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

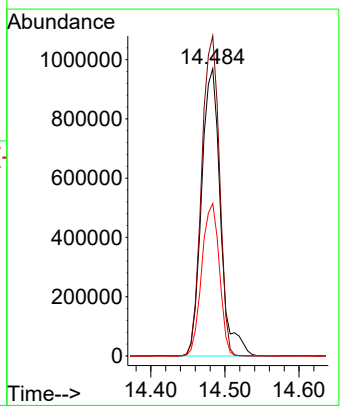


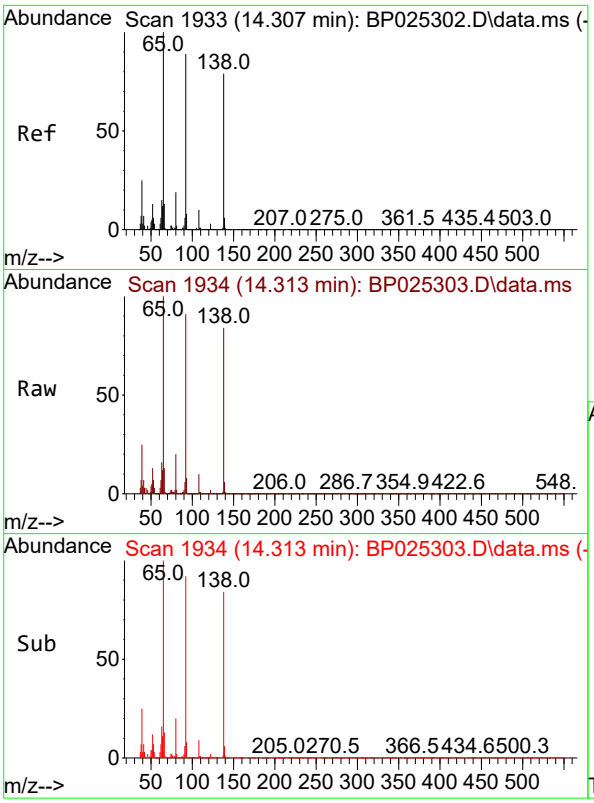


#52
Acenaphthene
Concen: 52.489 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:154 Resp: 1716317

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.4	134.0
152	53.1	43.0	64.6

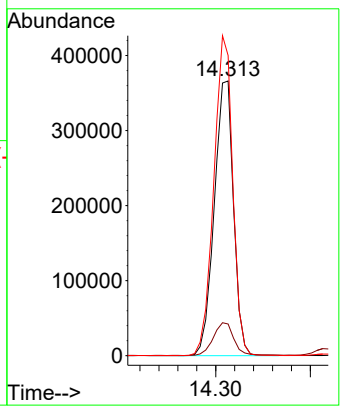




#53
3-Nitroaniline
Concen: 57.487 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:138 Resp: 51702

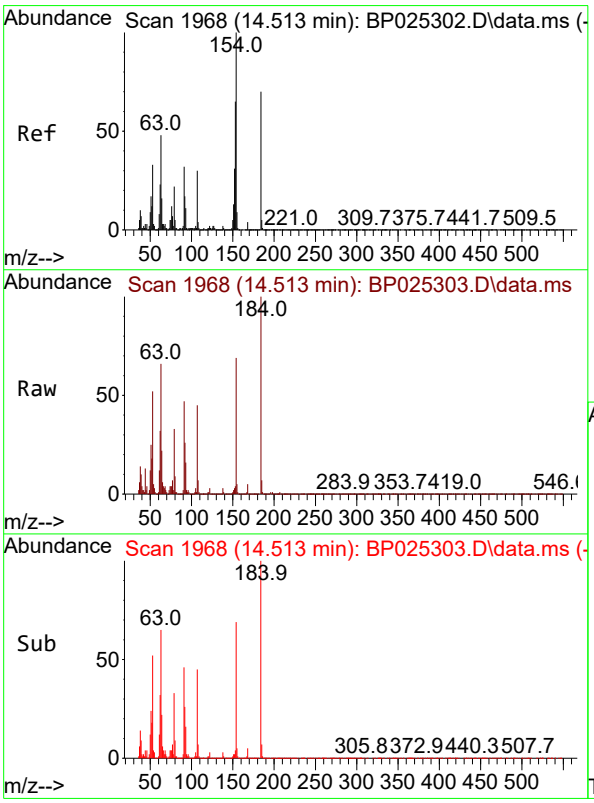
Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.5	15.7
92	109.3	90.9	136.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

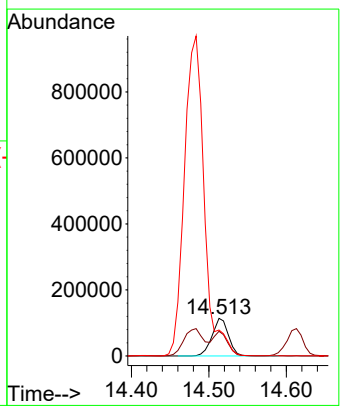
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

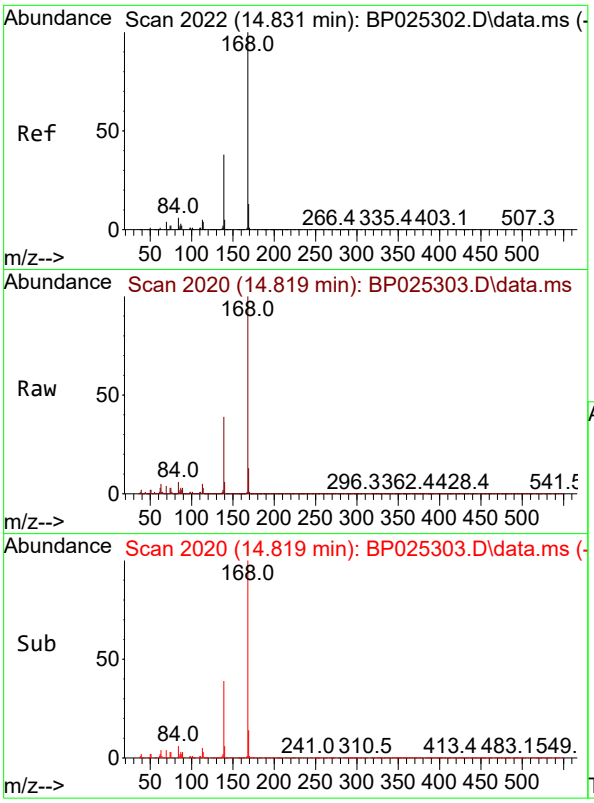


#54
2,4-Dinitrophenol
Concen: 50.836 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:184 Resp: 167500

Ion	Ratio	Lower	Upper
184	100		
63	65.6	56.3	84.5
154	69.0	124.5	186.7#

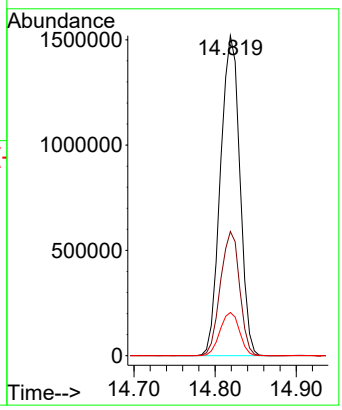




#55
Dibenzofuran
Concen: 51.534 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:168 Resp: 251818

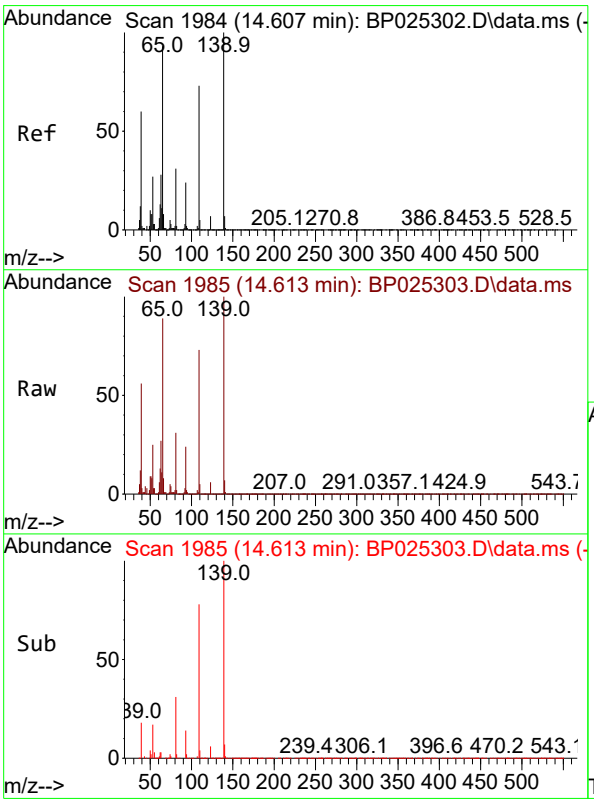
Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.5	45.7
169	13.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

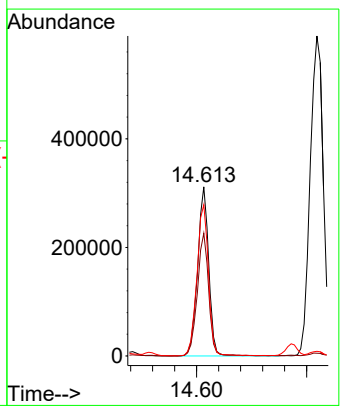
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

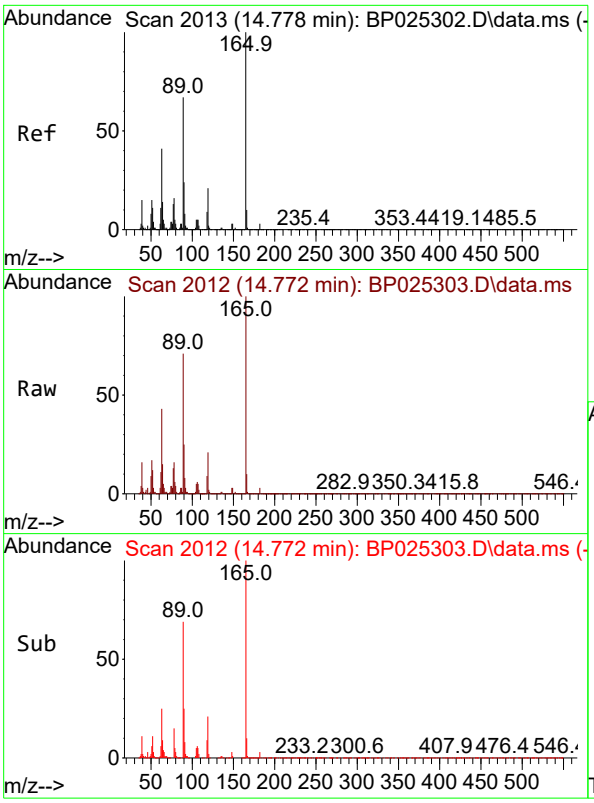


#56
4-Nitrophenol
Concen: 55.392 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:139 Resp: 439677

Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.7	92.7
65	89.4	73.4	113.4

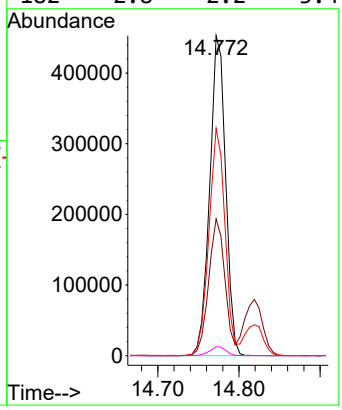




#57
2,4-Dinitrotoluene
Concen: 51.438 ng
RT: 14.772 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:165 Resp: 61585

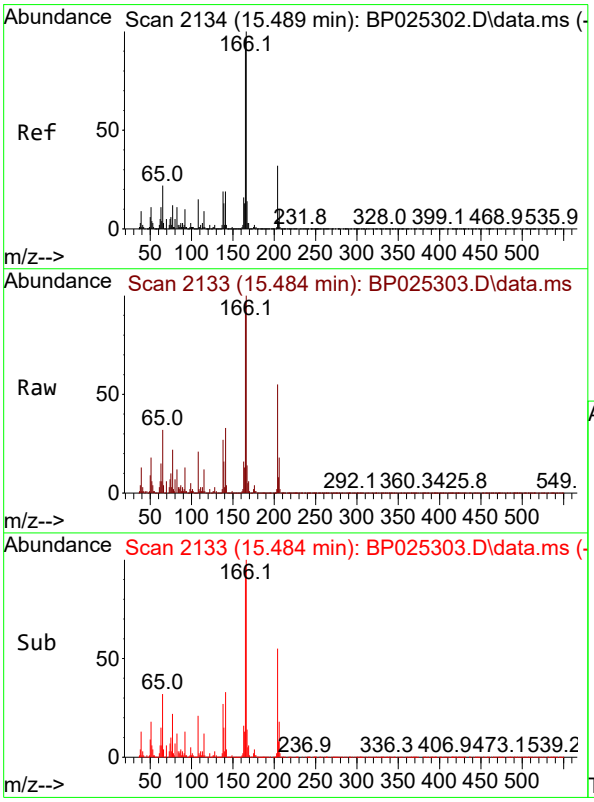
Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.2	49.8
89	71.0	53.5	80.3
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

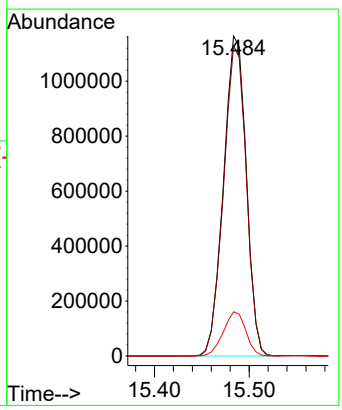
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

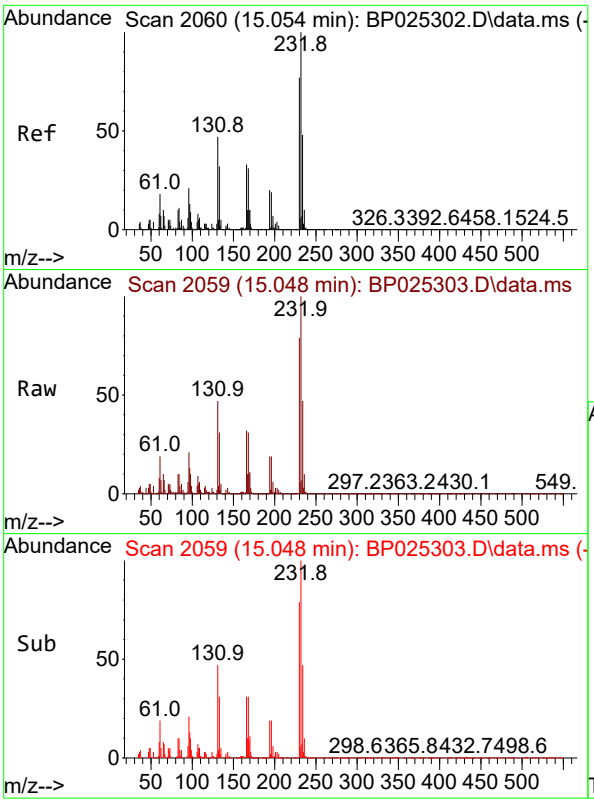


#58
Fluorene
Concen: 50.628 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:166 Resp: 1943035

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.7	115.1
167	13.8	10.9	16.3

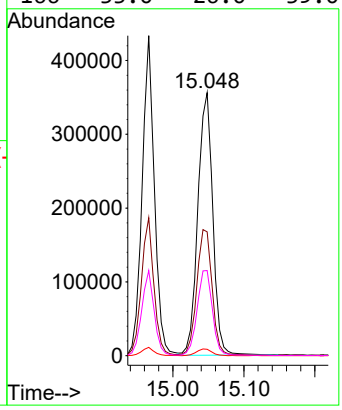




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.019 ng
RT: 15.048 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:232 Resp: 52282

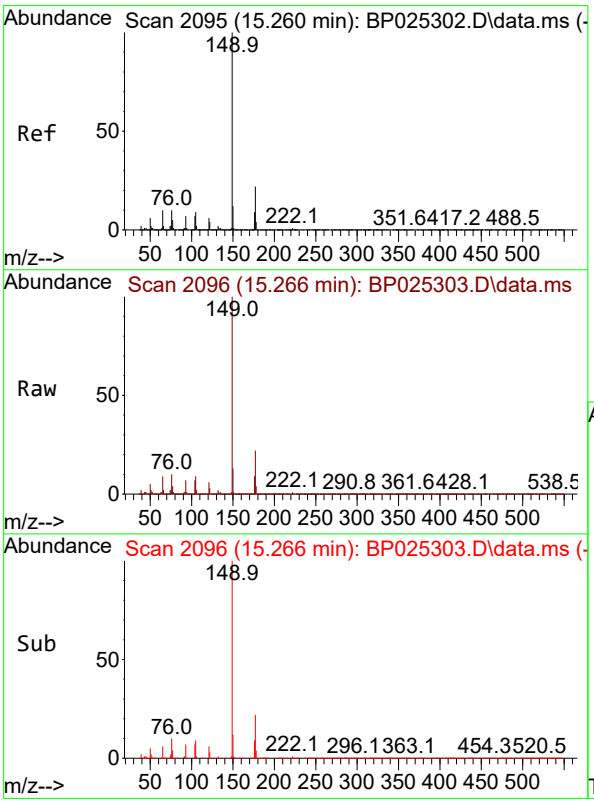
Ion	Ratio	Lower	Upper
232	100		
131	49.3	39.3	58.9
130	2.7	2.2	3.2
166	33.0	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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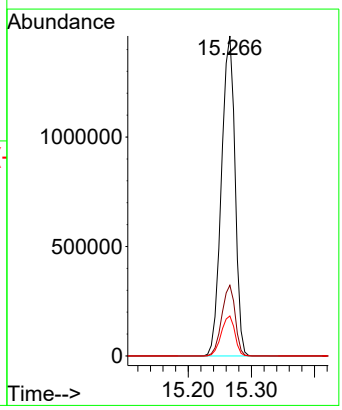
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

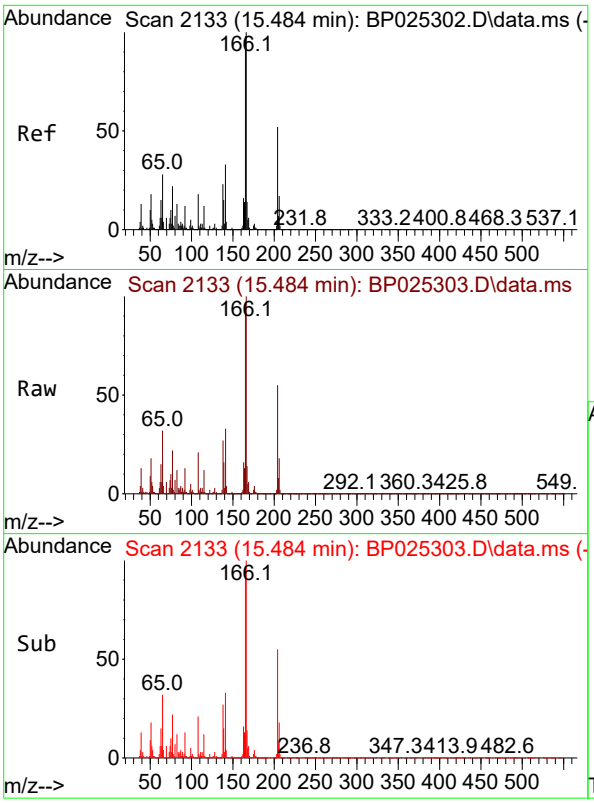


#60
Diethylphthalate
Concen: 51.987 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 2184026

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.5	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 50.462 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

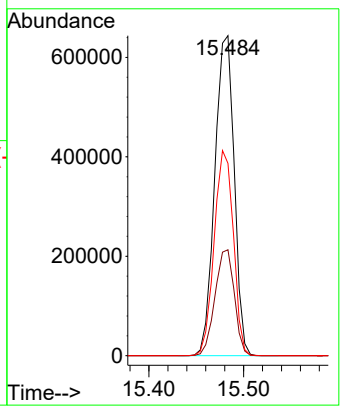
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

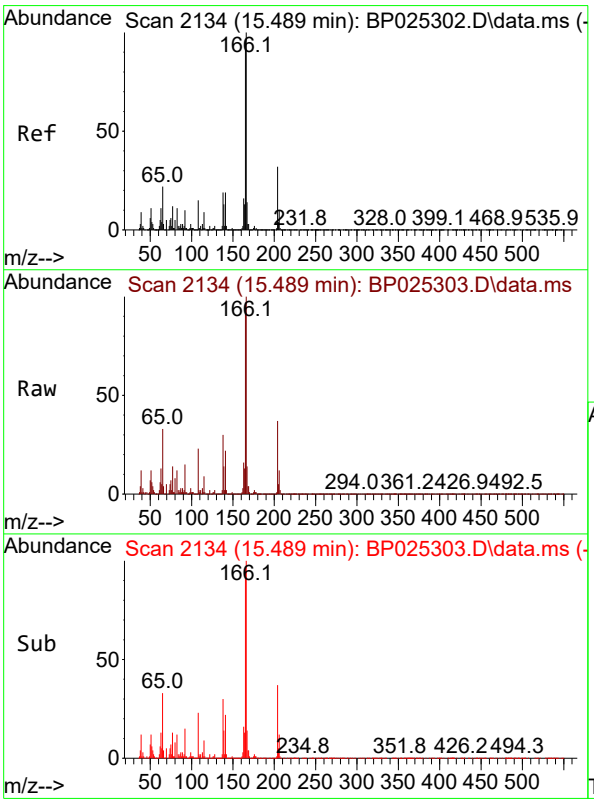
Tgt Ion:204 Resp: 91812

Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.0	40.4
141	60.1	50.3	75.5

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

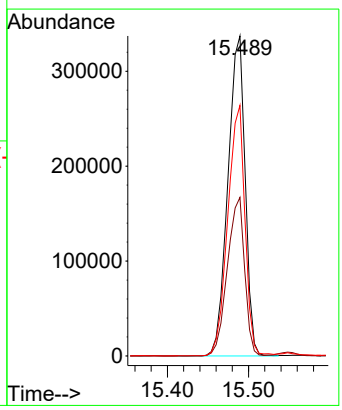


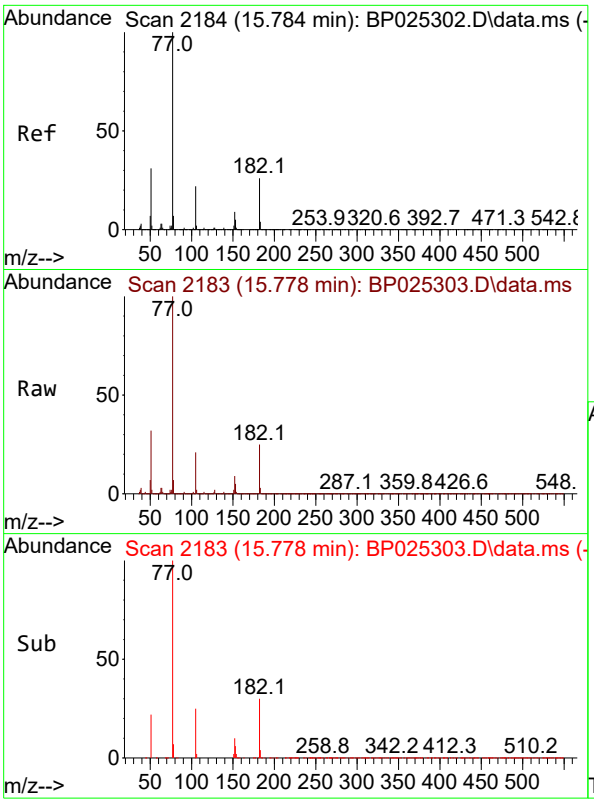


#62
4-Nitroaniline
Concen: 55.814 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:138 Resp: 497394

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.8	69.8
108	78.3	56.6	96.6

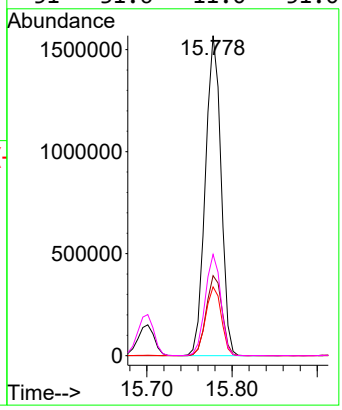




#63
Azobenzene
Concen: 51.248 ng
RT: 15.778 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 200006

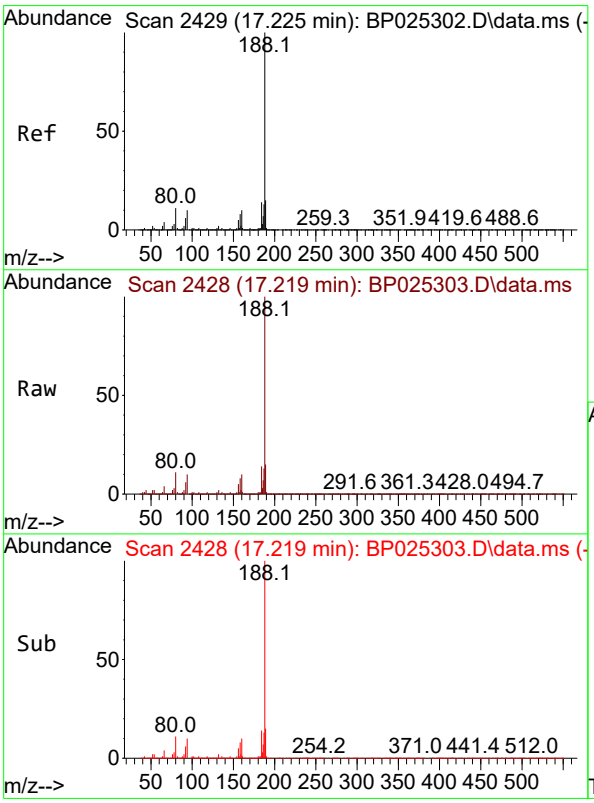
Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.0	46.0
105	21.5	2.1	42.1
51	31.6	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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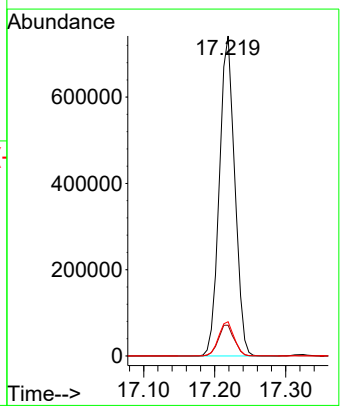
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

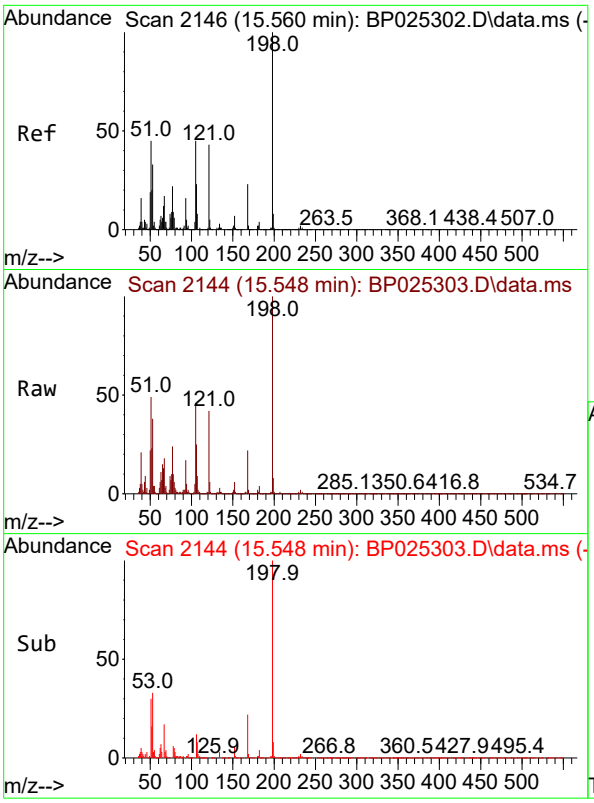


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:188 Resp: 1114369

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.7	8.5	12.7

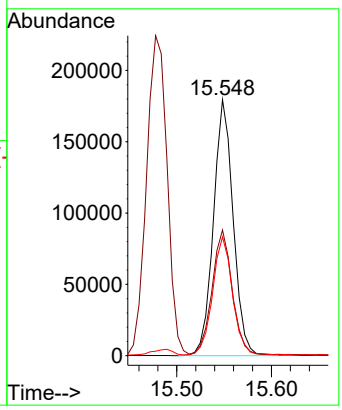




#65
4,6-Dinitro-2-methylphenol
Concen: 51.256 ng
RT: 15.548 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:198 Resp: 25958

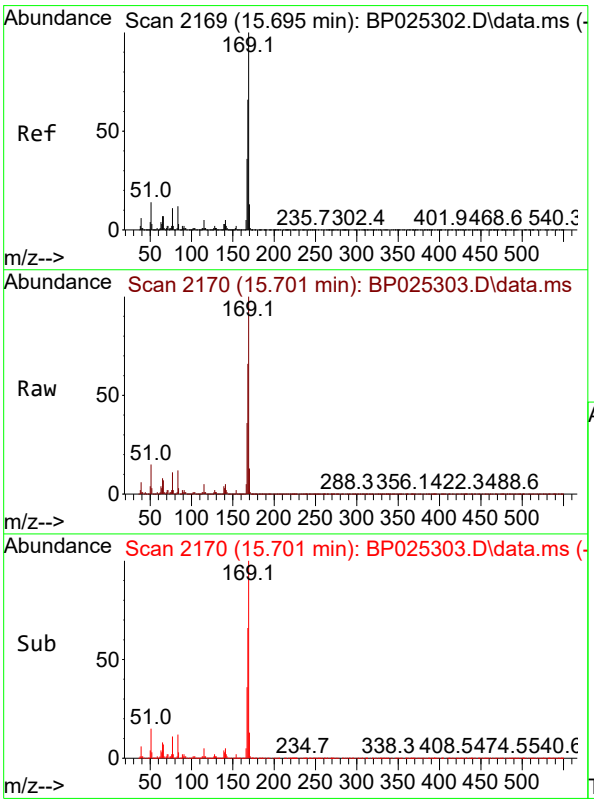
Ion	Ratio	Lower	Upper
198	100		
51	49.1	26.7	66.7
105	46.4	25.6	65.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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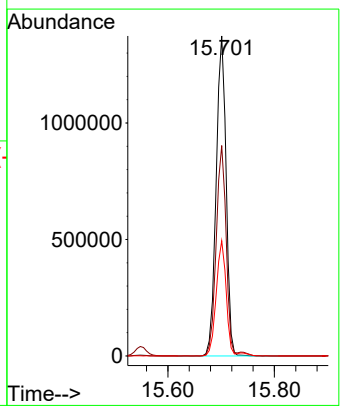
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

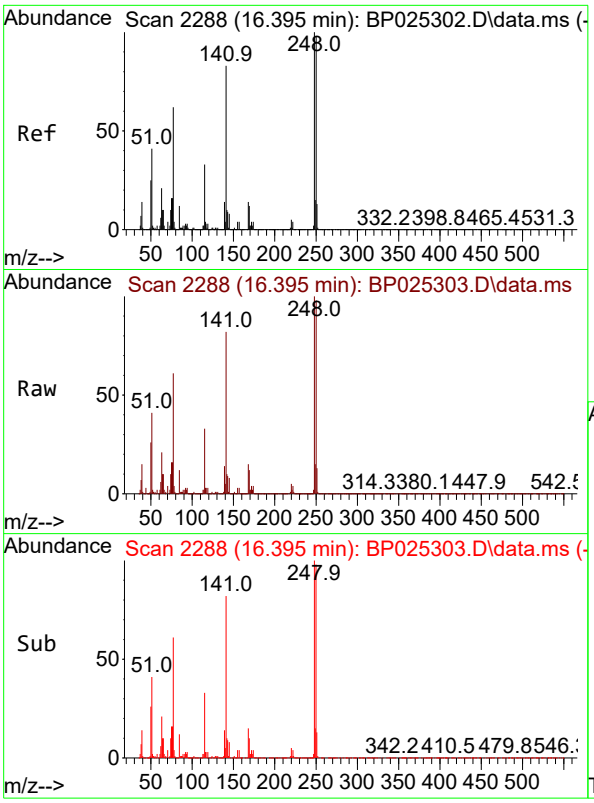


#66
n-Nitrosodiphenylamine
Concen: 52.344 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:169 Resp: 1776048

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.8	79.2
167	36.0	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 52.531 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

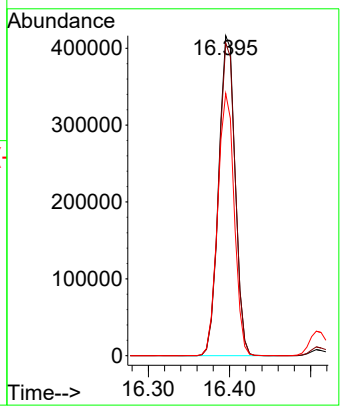
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

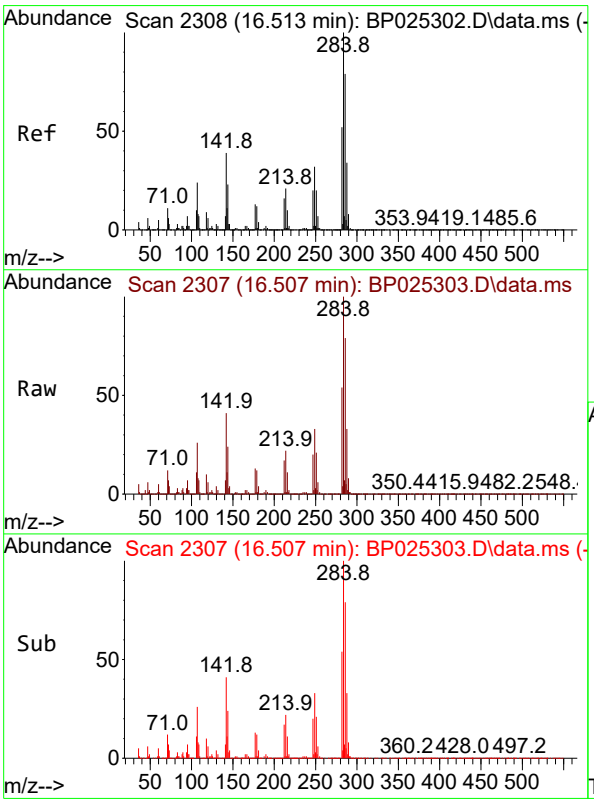
Tgt Ion:248 Resp: 589000

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	81.9	66.6	99.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

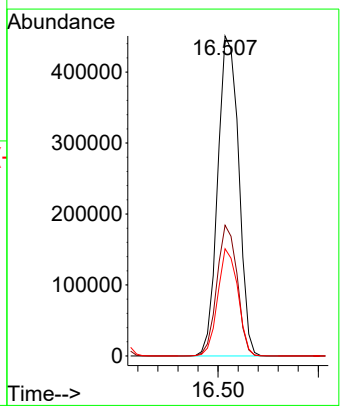


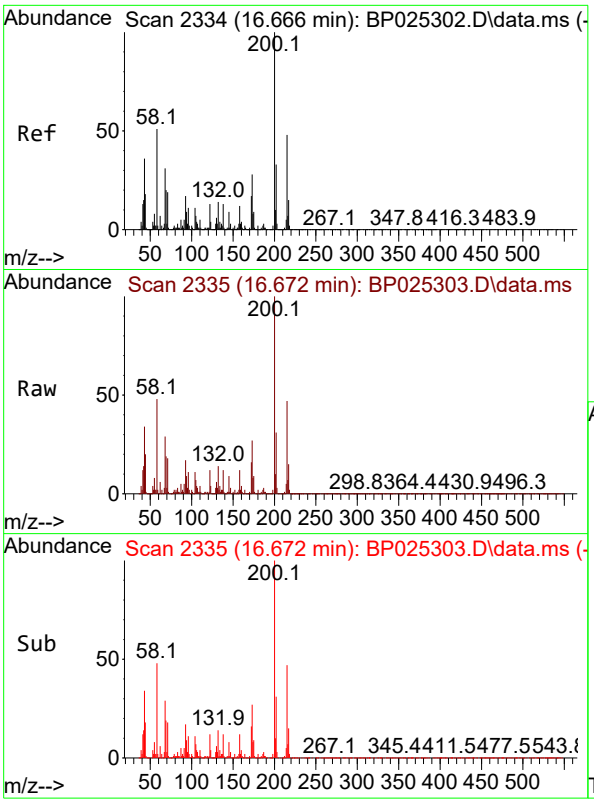


#68
Hexachlorobenzene
Concen: 51.698 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:284 Resp: 650421

Ion	Ratio	Lower	Upper
284	100		
142	40.8	30.8	46.2
249	33.5	25.4	38.0

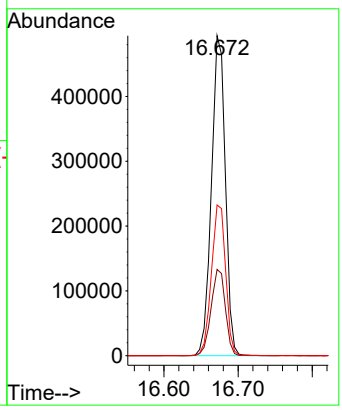




#69
Atrazine
Concen: 53.820 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:200 Resp: 64220

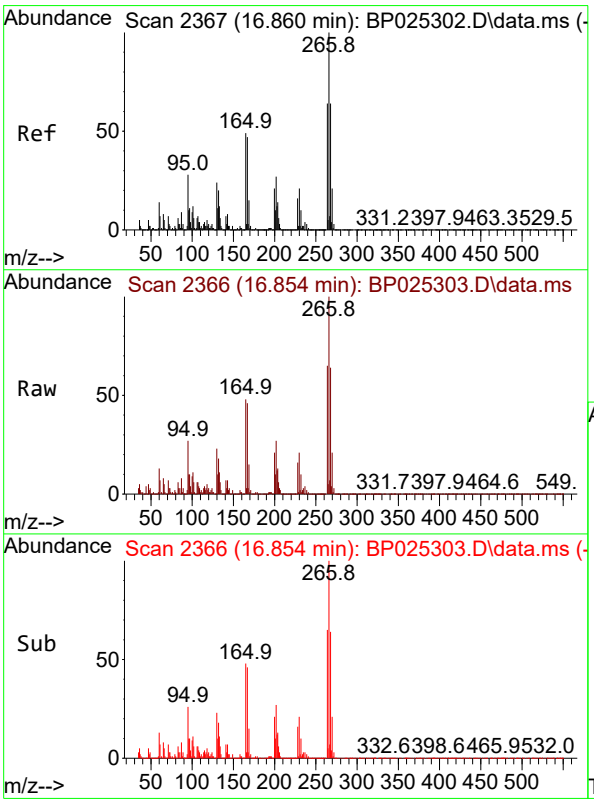
Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.2	48.2
215	47.1	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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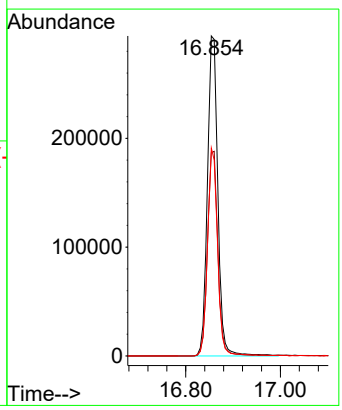
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

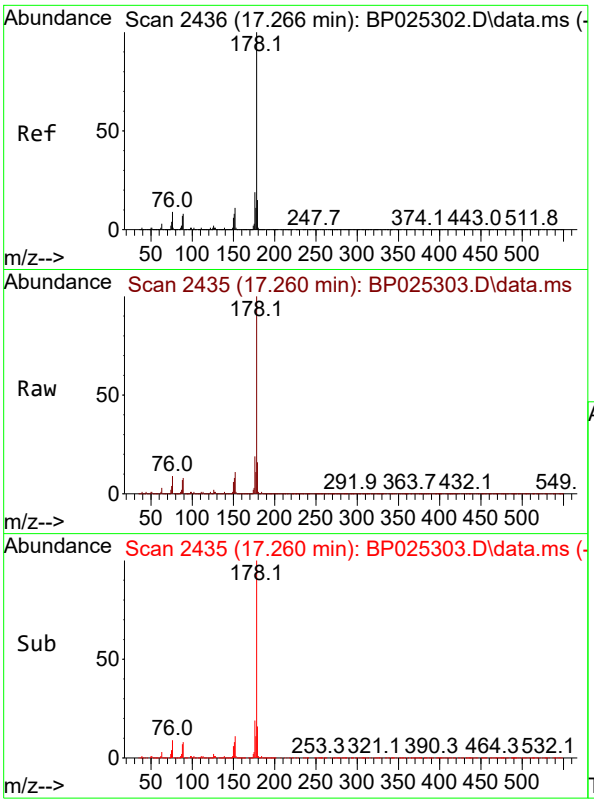


#70
Pentachlorophenol
Concen: 56.013 ng
RT: 16.854 min Scan# 2366
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:266 Resp: 448973

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	65.0	51.1	76.7

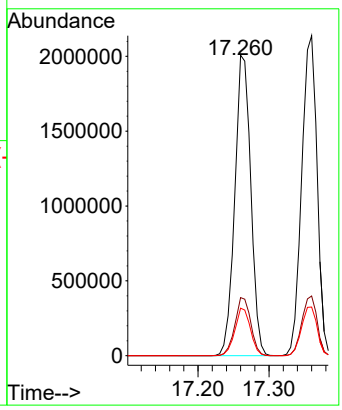




#71
Phenanthrene
Concen: 51.650 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:178 Resp: 315248

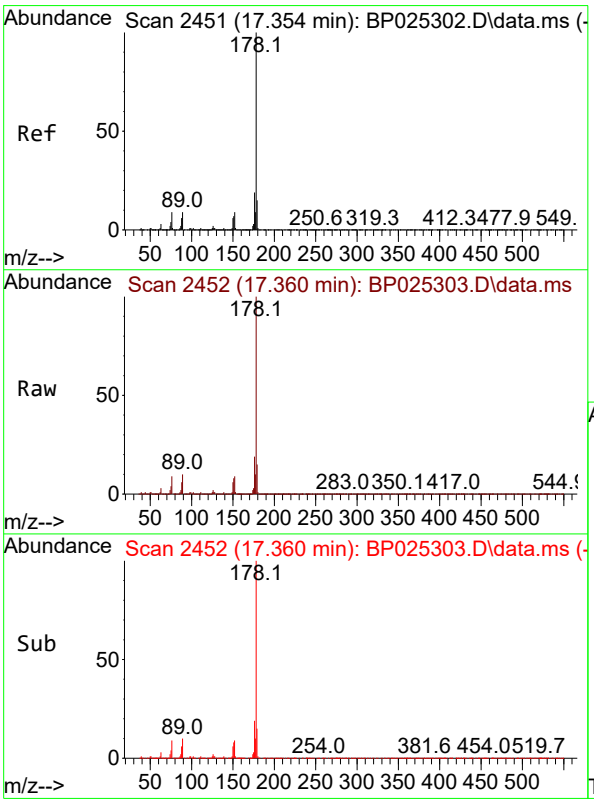
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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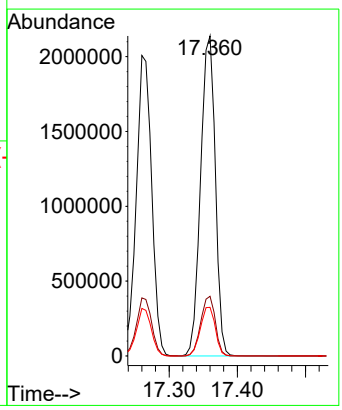
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

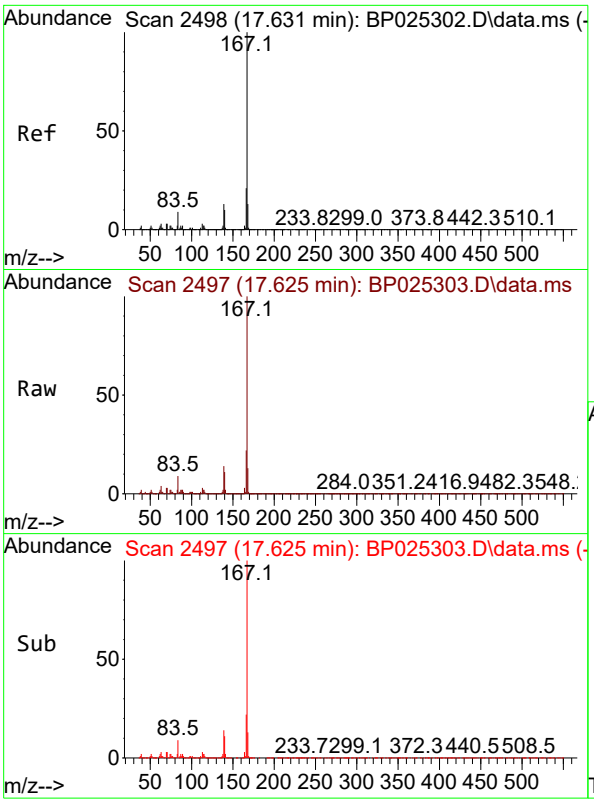


#72
Anthracene
Concen: 52.124 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:178 Resp: 3207824

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.3	18.5

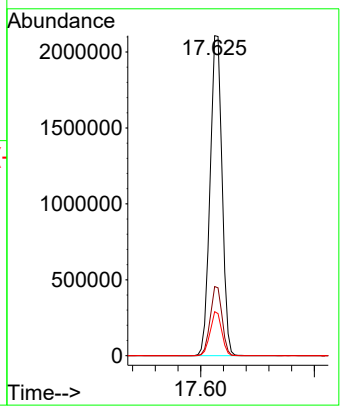




#73
Carbazole
Concen: 51.900 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:167 Resp: 306601

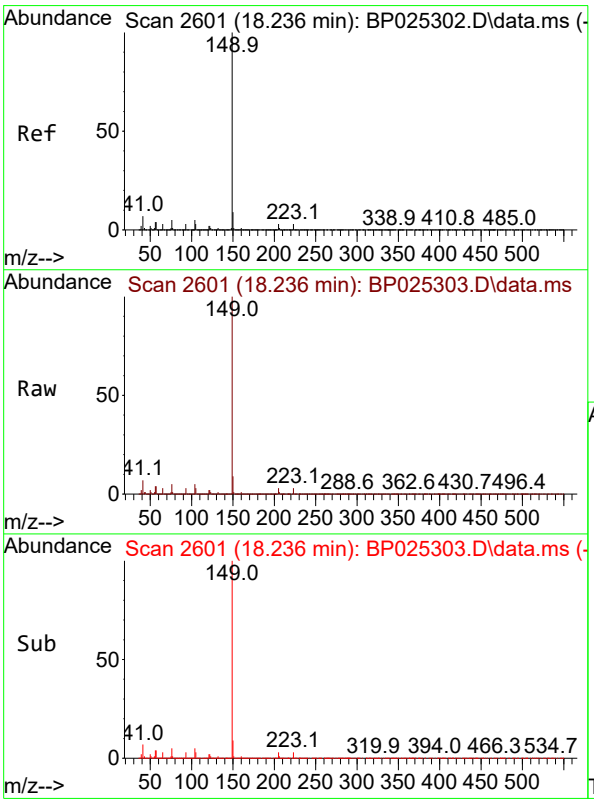
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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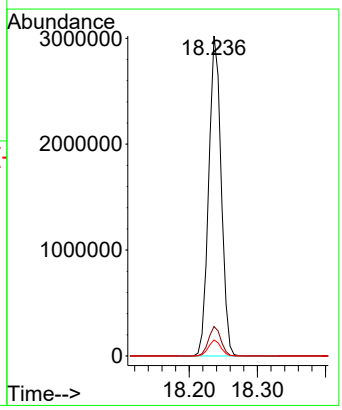
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

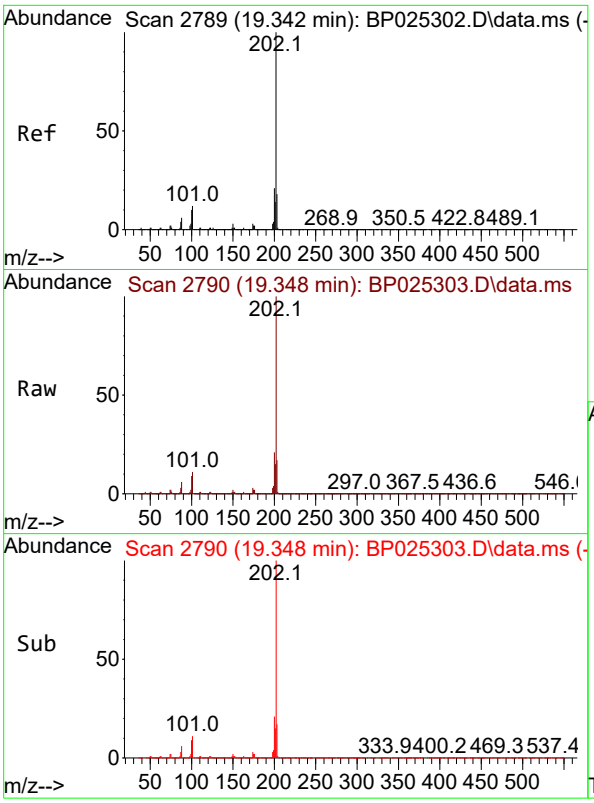


#74
Di-n-butylphthalate
Concen: 53.637 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 3833325

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.0	4.1	6.1





#75
Fluoranthene
Concen: 51.795 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

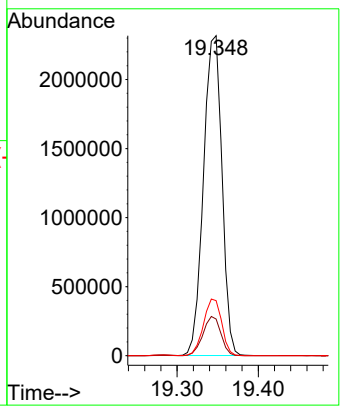
Tgt Ion:202 Resp: 365966

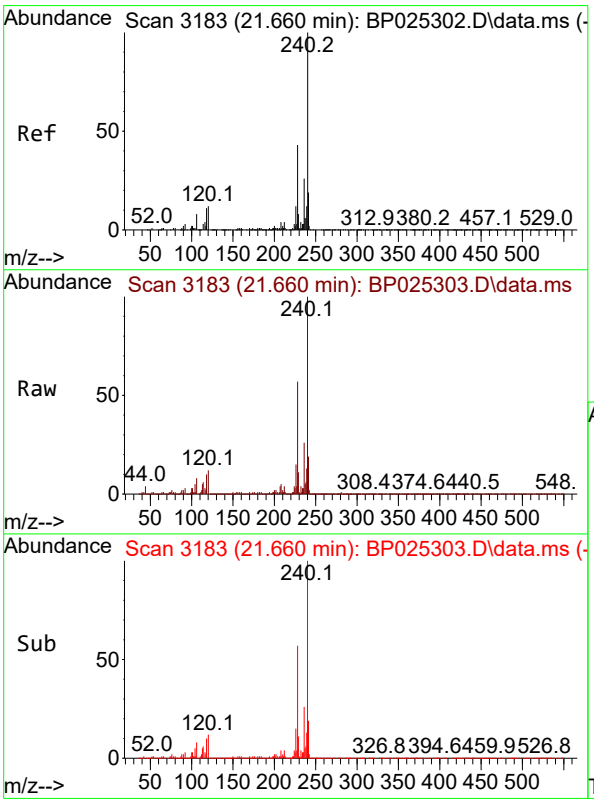
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.2	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

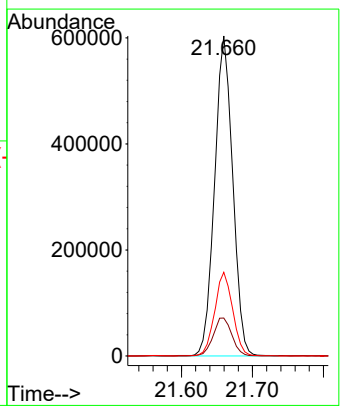


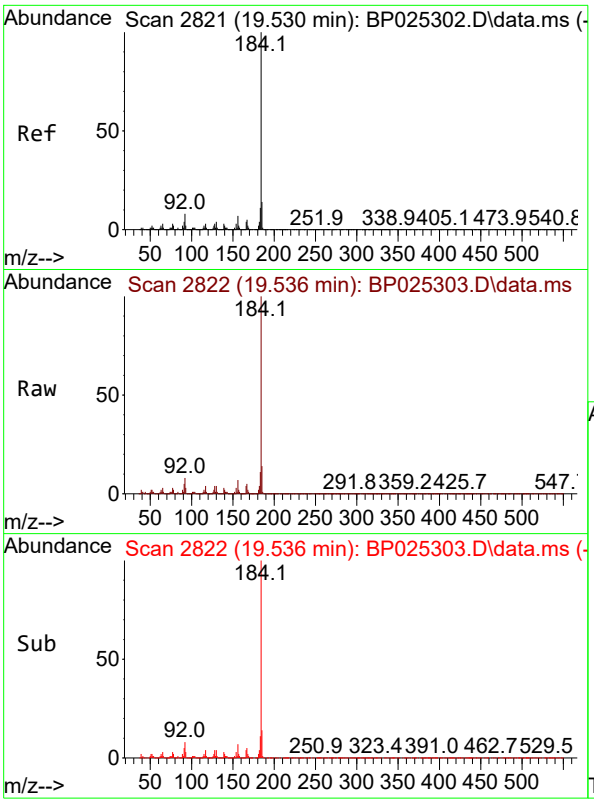


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:240 Resp: 1066090

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	26.2	20.4	30.6

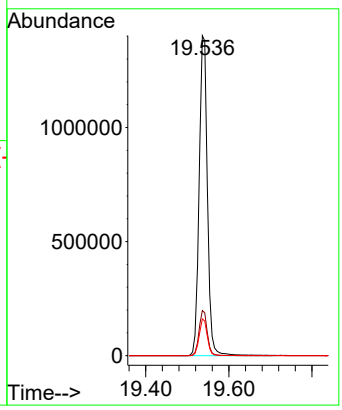




#77
Benzidine
Concen: 50.156 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:184 Resp: 193536

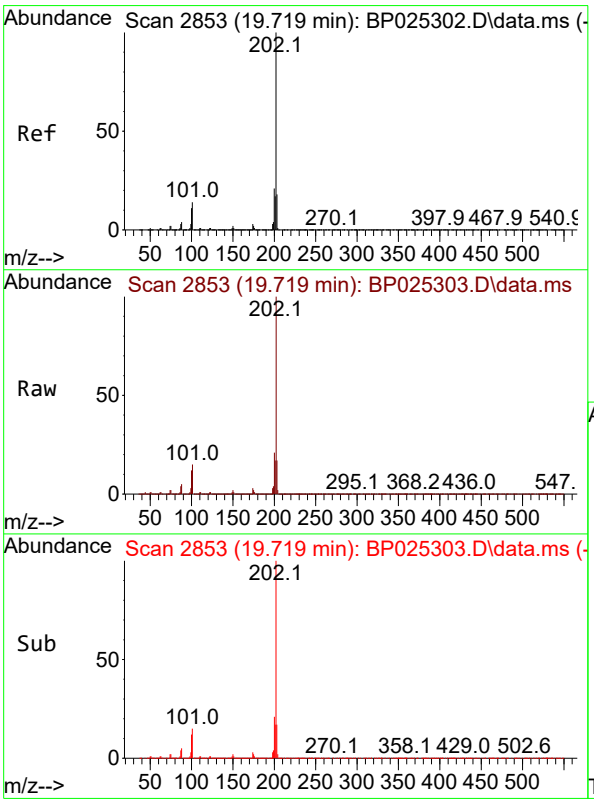
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.5	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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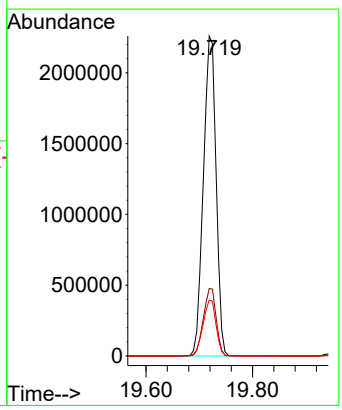
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

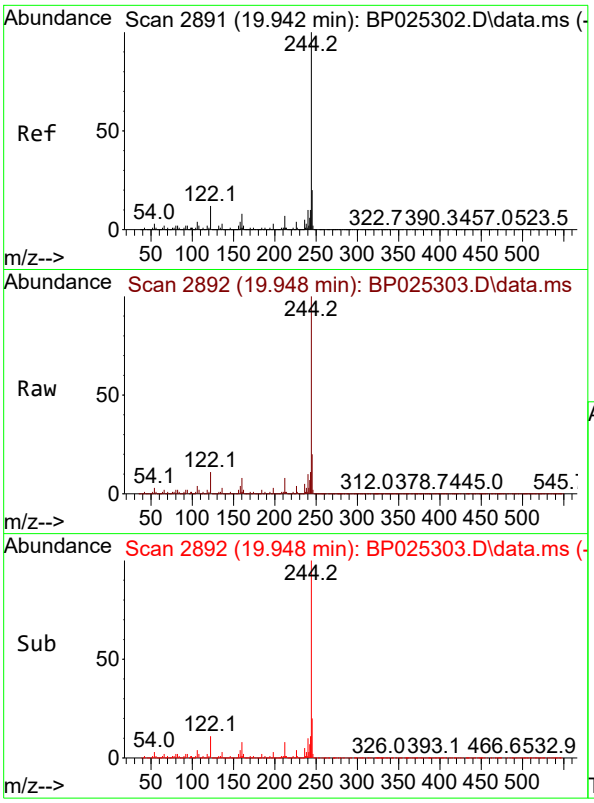


#78
Pyrene
Concen: 52.875 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:202 Resp: 3748452

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	14.1	21.1

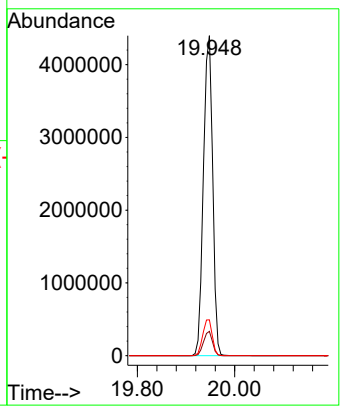




#79
Terphenyl-d14
Concen: 102.169 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:244 Resp: 576555

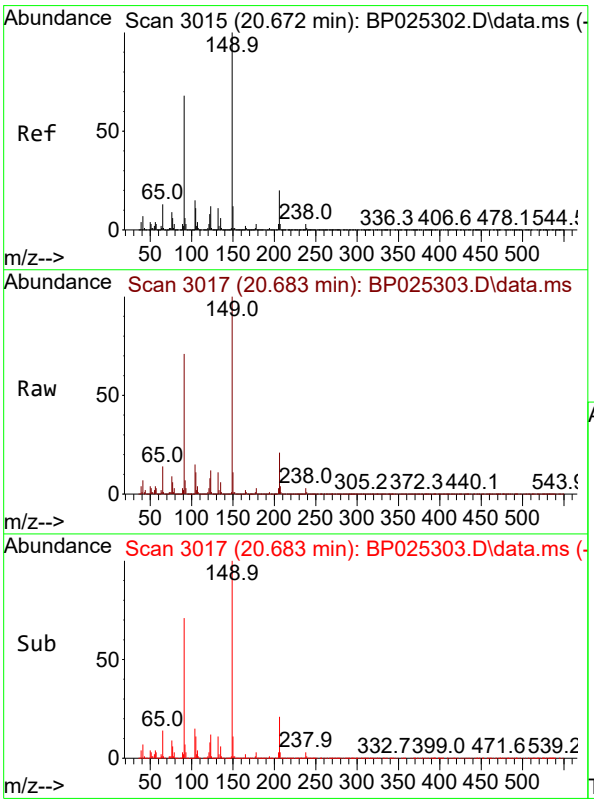
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.2	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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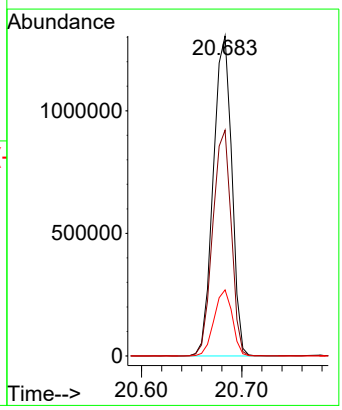
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

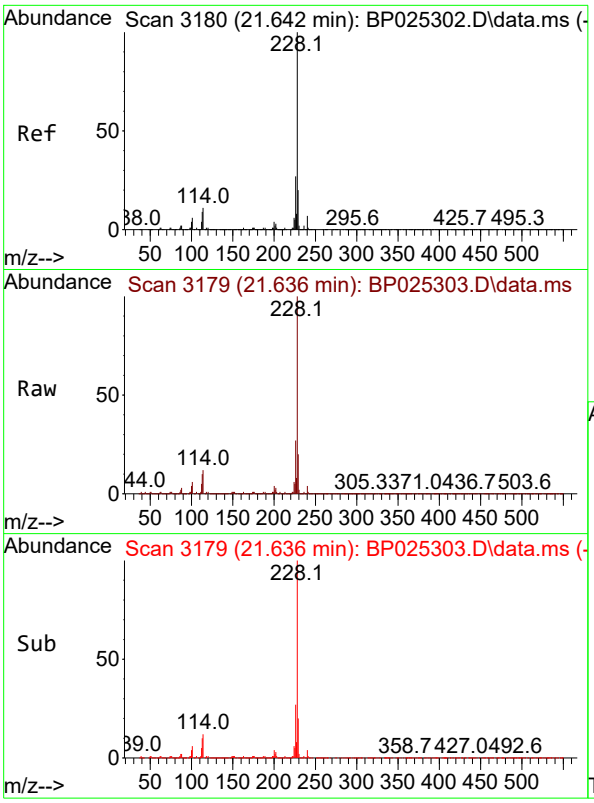


#80
Butylbenzylphthalate
Concen: 58.102 ng
RT: 20.683 min Scan# 3017
Delta R.T. 0.011 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 1670521

Ion	Ratio	Lower	Upper
149	100		
91	70.5	54.7	82.1
206	20.7	16.4	24.6

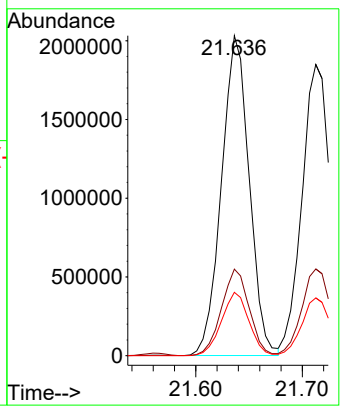




#81
Benzo(a)anthracene
Concen: 51.986 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:228 Resp: 368290

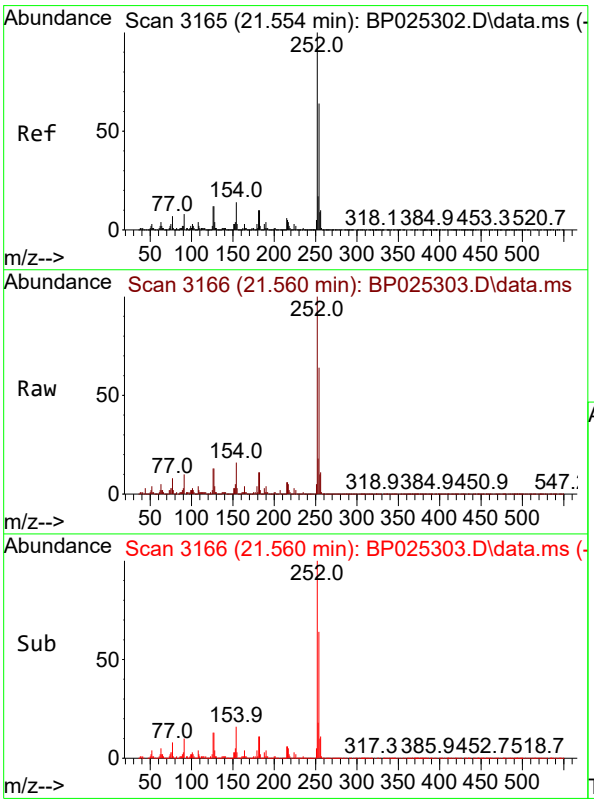
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

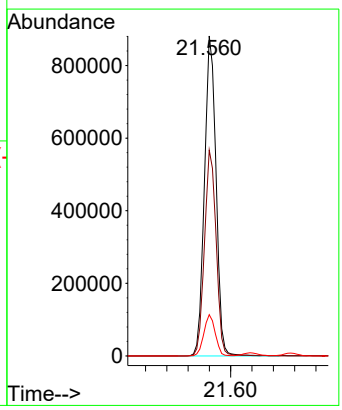
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

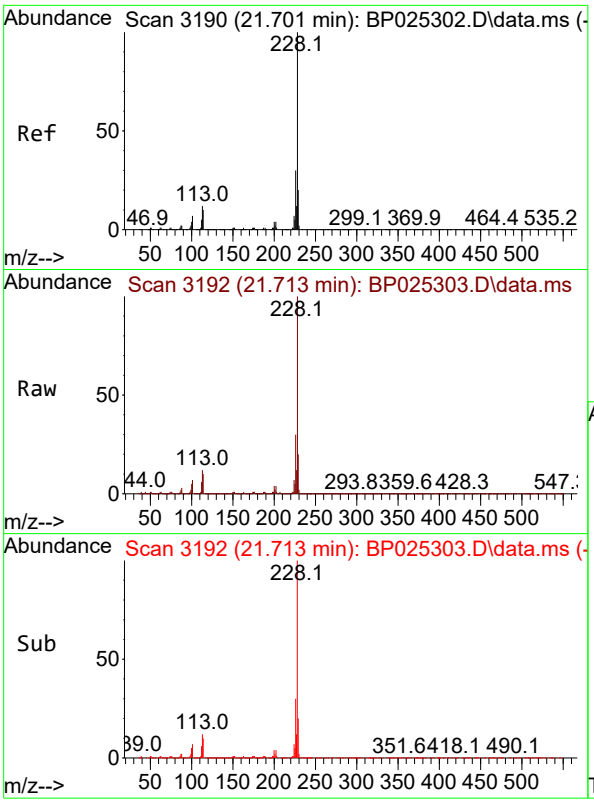


#82
3,3'-Dichlorobenzidine
Concen: 53.376 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 1334151

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	12.9	9.4	14.2

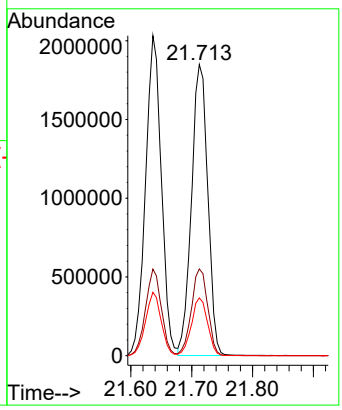




#83
Chrysene
Concen: 52.286 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:228 Resp: 343564

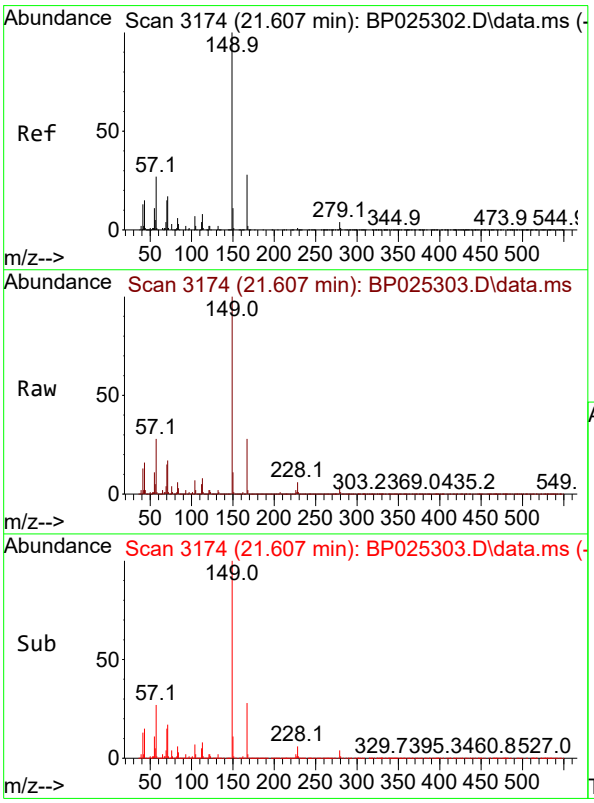
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

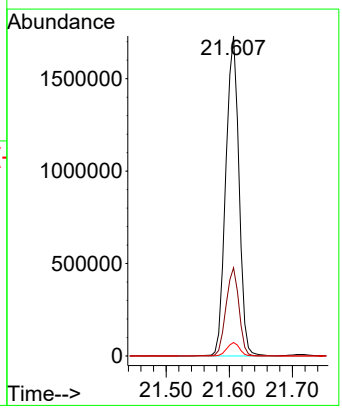
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

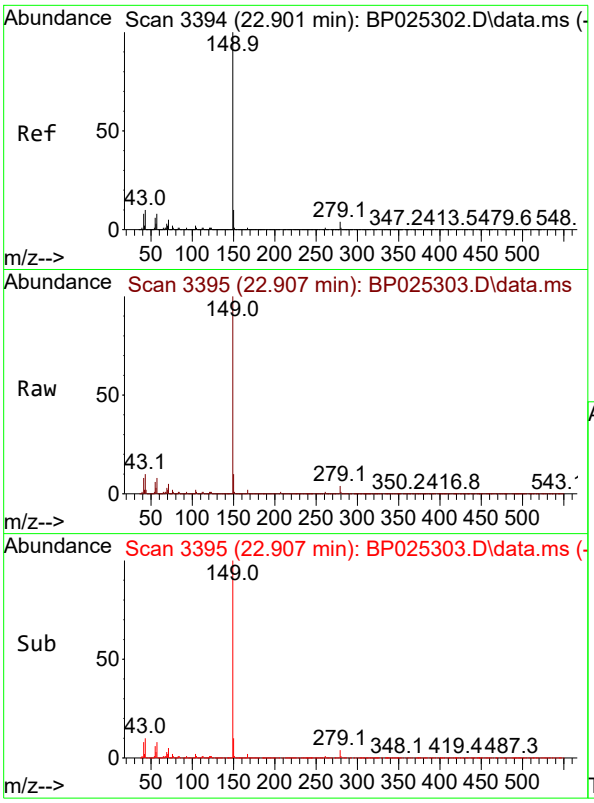


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.510 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 2502532

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.2	3.4	5.2

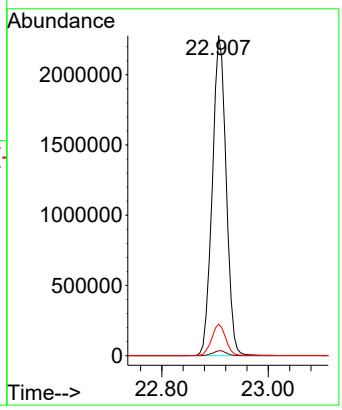




#85
Di-n-octyl phthalate
Concen: 53.530 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 411350

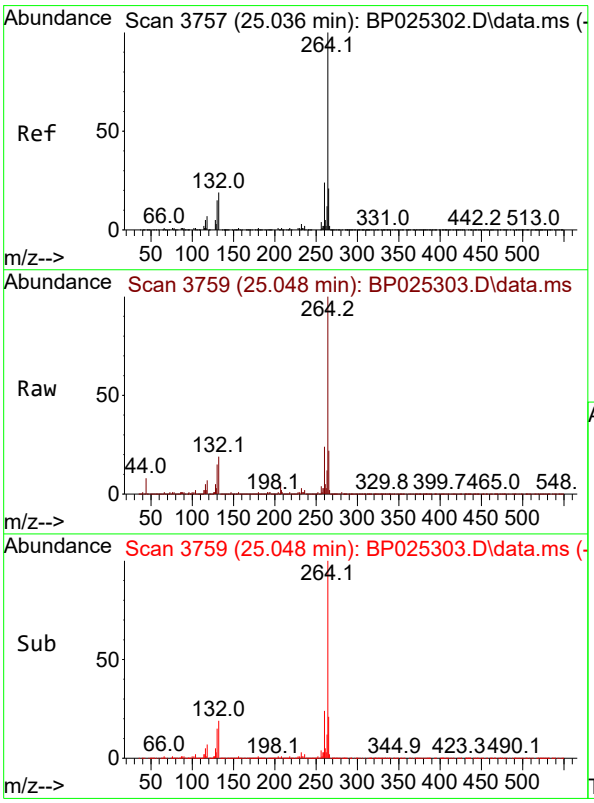
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.0	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

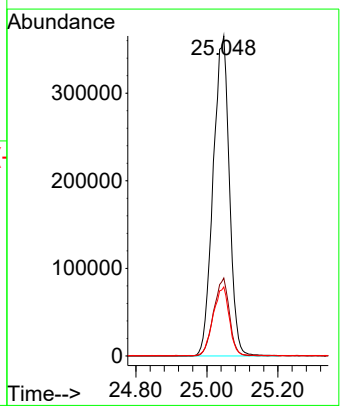
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

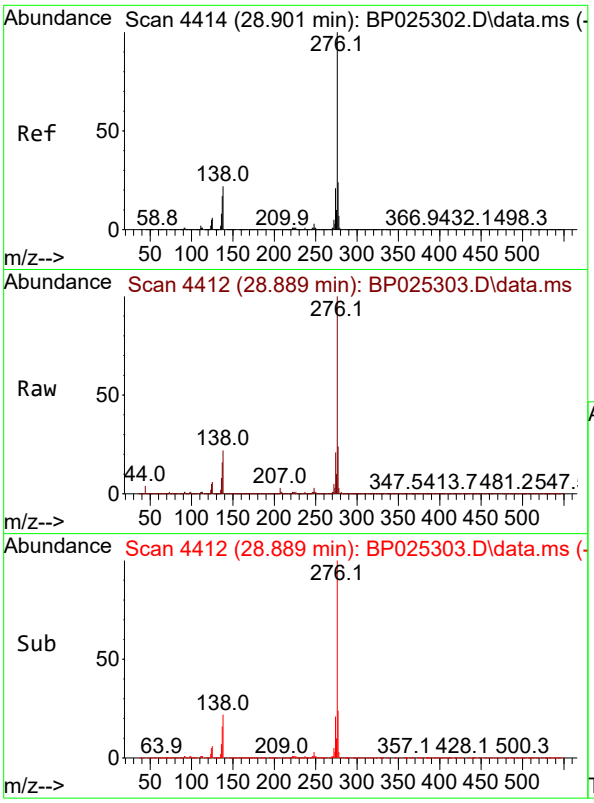


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:264 Resp: 1155535

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.1	25.7

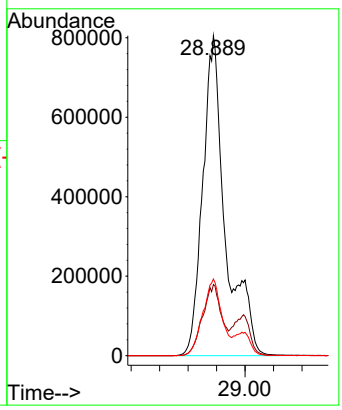




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.847 ng m
RT: 28.889 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:276 Resp: 446650

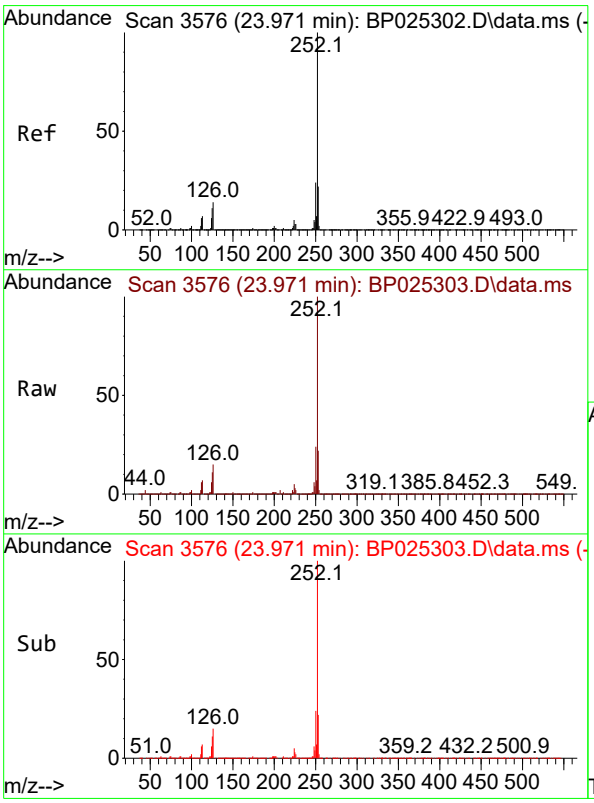
Ion	Ratio	Lower	Upper
276	100		
138	18.7	14.6	22.0
277	20.2	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

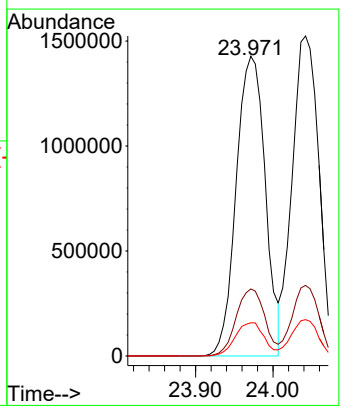
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

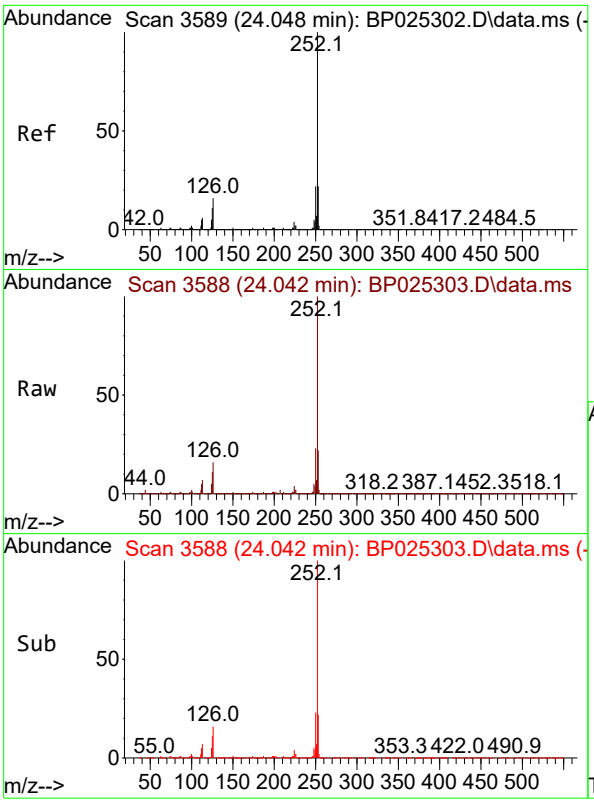


#88
Benzo(b)fluoranthene
Concen: 53.862 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 3725745

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.0	8.5	12.7

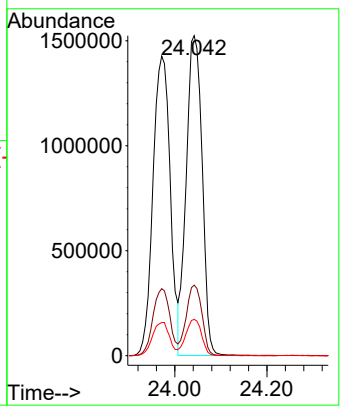




#89
Benzo(k)fluoranthene
Concen: 53.234 ng
RT: 24.042 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 365034

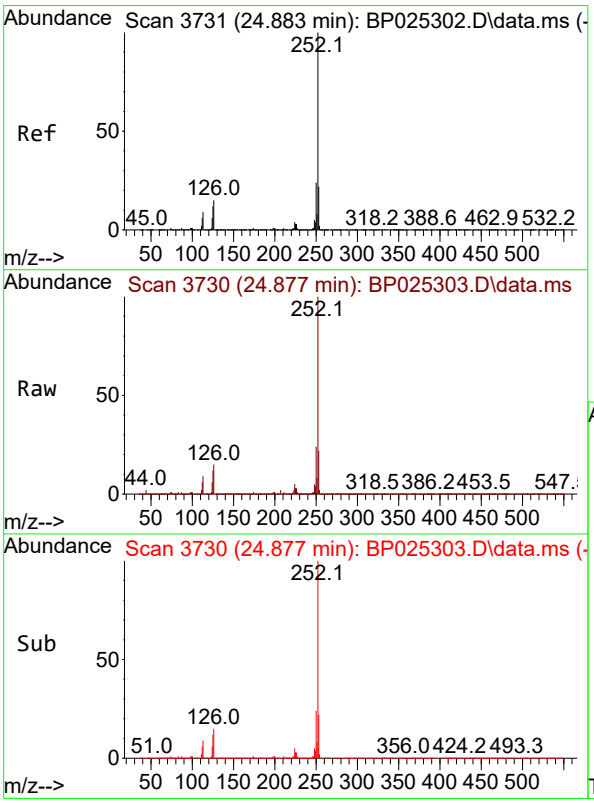
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

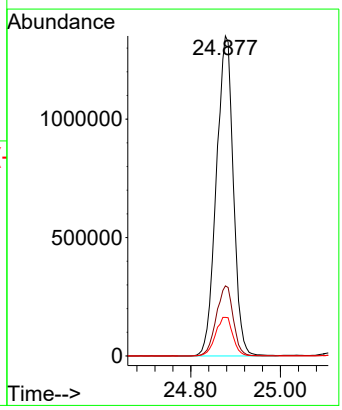
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

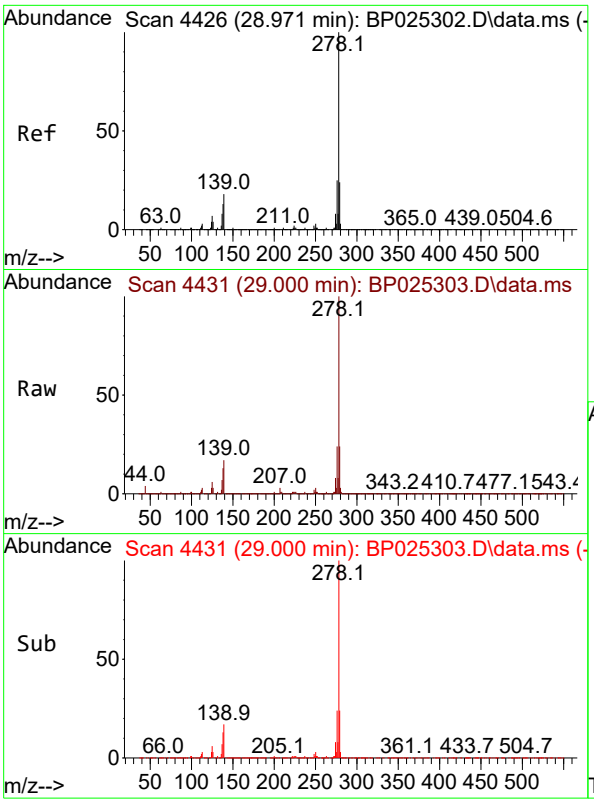


#90
Benzo(a)pyrene
Concen: 53.283 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 3549437

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.1	9.4	14.0

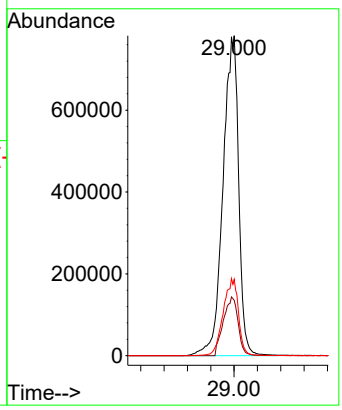




#91
Dibenzo(a,h)anthracene
Concen: 53.715 ng
RT: 29.000 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:278 Resp: 364360

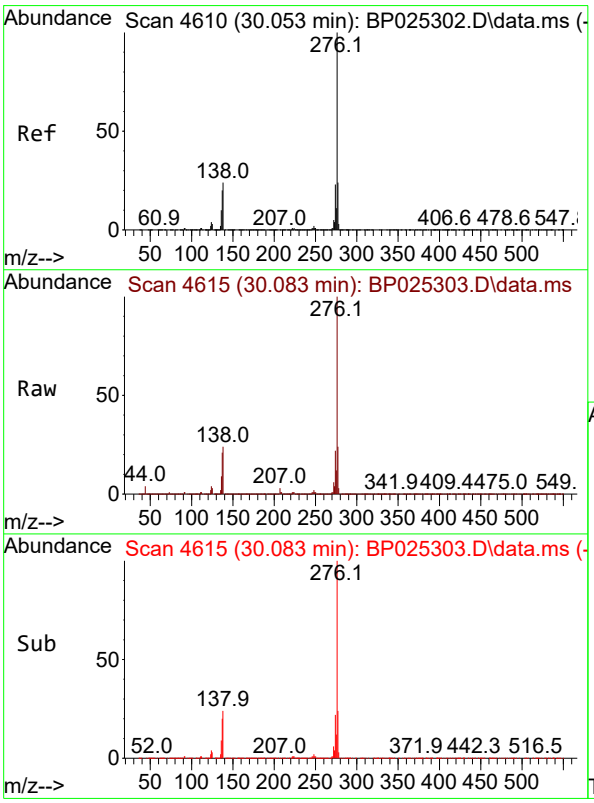
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.6	22.0
279	23.9	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

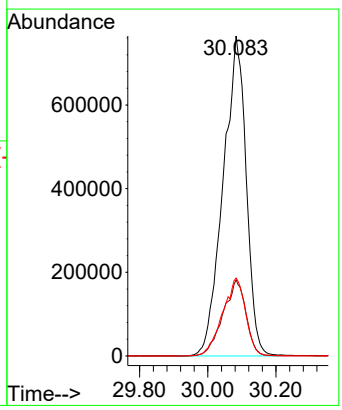
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 53.917 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:276 Resp: 3590382

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	24.3	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	209548	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	959140	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	627525	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1230027	20.000	ng		-0.02
76) Chrysene-d12	21.654	240	1185485	20.000	ng		0.00
86) Perylene-d12	25.030	264	1319773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1618188	123.401	ng		0.00
7) Phenol-d6	6.966	99	2192788	126.763	ng		0.00
23) Nitrobenzene-d5	8.943	82	2266518	127.855	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	848230	130.917	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	5227983	115.685	ng		0.00
79) Terphenyl-d14	19.942	244	7232677	115.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	303060	58.945	ng		99
3) Pyridine	3.725	79	878078	61.471	ng		99
4) n-Nitrosodimethylamine	3.637	42	412444	62.193	ng		100
6) Aniline	7.137	93	1510421	64.169	ng		99
8) 2-Chlorophenol	7.372	128	919471	64.474	ng		99
9) Benzaldehyde	6.949	77	688637	56.545	ng		99
10) Phenol	6.996	94	1168723	63.704	ng		100
11) bis(2-Chloroethyl)ether	7.231	93	905011	62.958	ng		99
12) 1,3-Dichlorobenzene	7.696	146	978449	61.060	ng		99
13) 1,4-Dichlorobenzene	7.837	146	992921	61.246	ng		100
14) 1,2-Dichlorobenzene	8.149	146	967096	61.580	ng		99
15) Benzyl Alcohol	8.031	79	868233	65.324	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1419539	62.512	ng		99
17) 2-Methylphenol	8.225	107	794670	64.734	ng		98
18) Hexachloroethane	8.878	117	362858	62.586	ng		99
19) n-Nitroso-di-n-propyla...	8.602	70	736360	65.363	ng		100
20) 3+4-Methylphenols	8.555	107	1102764	65.236	ng		98
22) Acetophenone	8.608	105	1441680	59.875	ng	#	98
24) Nitrobenzene	8.984	77	1032520	63.003	ng		100
25) Isophorone	9.508	82	2175760	63.135	ng		99
26) 2-Nitrophenol	9.684	139	449368	61.813	ng		99
27) 2,4-Dimethylphenol	9.743	122	964929	60.732	ng		97
28) bis(2-Chloroethoxy)met...	9.984	93	1295232	61.783	ng		99
29) 2,4-Dichlorophenol	10.213	162	905554	65.101	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	924791	60.262	ng		98
31) Naphthalene	10.625	128	3016986	60.593	ng		99
32) Benzoic acid	9.884	122	625232	61.911	ng		99
33) 4-Chloroaniline	10.719	127	1385599	62.570	ng		99
34) Hexachlorobutadiene	10.919	225	531051	60.284	ng		99
35) Caprolactam	11.490	113	356548	65.928	ng		97
36) 4-Chloro-3-methylphenol	11.837	107	1045051	64.929	ng		99
37) 2-Methylnaphthalene	12.231	142	1979064	61.409	ng		100
38) 1-Methylnaphthalene	12.449	142	2032006	60.428	ng		99
40) 1,2,4,5-Tetrachloroben...	12.596	216	1020686	59.576	ng		99
41) Hexachlorocyclopentadiene	12.584	237	668954	63.265	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	726236	65.619	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	823738	66.349	ng		99
46)	1,1'-Biphenyl	13.243	154	2736817	59.180	ng		100
47)	2-Chloronaphthalene	13.284	162	2116700	59.994	ng		99
48)	2-Nitroaniline	13.472	65	642446	61.286	ng		97
49)	Acenaphthylene	14.131	152	3558282	60.462	ng		99
50)	Dimethylphthalate	13.866	163	2775097	60.663	ng		100
51)	2,6-Dinitrotoluene	13.972	165	581905	68.963	ng		99
52)	Acenaphthene	14.478	154	2158962	60.143	ng		100
53)	3-Nitroaniline	14.301	138	677122	68.579	ng		100
54)	2,4-Dinitrophenol	14.507	184	242217	60.748	ng	#	53
55)	Dibenzofuran	14.813	168	3200254	59.657	ng		99
56)	4-Nitrophenol	14.601	139	579797	66.536	ng		98
57)	2,4-Dinitrotoluene	14.766	165	813557	61.234	ng		95
58)	Fluorene	15.472	166	2418012	57.390	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.043	232	689750	66.118	ng		99
60)	Diethylphthalate	15.254	149	2839454	61.567	ng		100
61)	4-Chlorophenyl-phenyle...	15.472	204	1156422	57.895	ng		99
62)	4-Nitroaniline	15.484	138	647932	66.228	ng		97
63)	Azobenzene	15.772	77	2589928	60.449	ng		100
65)	4,6-Dinitro-2-methylph...	15.542	198	375536	62.146	ng		98
66)	n-Nitrosodiphenylamine	15.690	169	2301050	61.440	ng		99
67)	4-Bromophenyl-phenylether	16.389	248	768935	62.130	ng		97
68)	Hexachlorobenzene	16.495	284	851862	61.343	ng		99
69)	Atrazine	16.660	200	844409	64.112	ng		99
70)	Pentachlorophenol	16.842	266	589352	66.613	ng		99
71)	Phenanthrene	17.248	178	4047515	60.079	ng		99
72)	Anthracene	17.348	178	4216676	62.075	ng		100
73)	Carbazole	17.613	167	3935735	60.358	ng		100
74)	Di-n-butylphthalate	18.231	149	5052062	64.043	ng		99
75)	Fluoranthene	19.336	202	4678502	59.989	ng		99
77)	Benzidine	19.525	184	2283507	53.219	ng		100
78)	Pyrene	19.707	202	4794722	60.822	ng		100
80)	Butylbenzylphthalate	20.677	149	2245879	70.246	ng		98
81)	Benzo(a)anthracene	21.630	228	4797252	60.895	ng		100
82)	3,3'-Dichlorobenzidine	21.554	252	1711974	61.593	ng		98
83)	Chrysene	21.707	228	4446807	60.859	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.595	149	3432511	67.236	ng		100
85)	Di-n-octyl phthalate	22.901	149	5809639	67.988	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.895	276	5916006	62.446	ng		97
88)	Benzo(b)fluoranthene	23.983	252	4819606	61.005	ng		99
89)	Benzo(k)fluoranthene	24.048	252	4789778	61.158	ng		100
90)	Benzo(a)pyrene	24.889	252	4712258	61.936	ng		99
91)	Dibenzo(a,h)anthracene	28.977	278	4826446	62.298	ng		99
92)	Benzo(g,h,i)perylene	30.089	276	4694995	61.731	ng		99

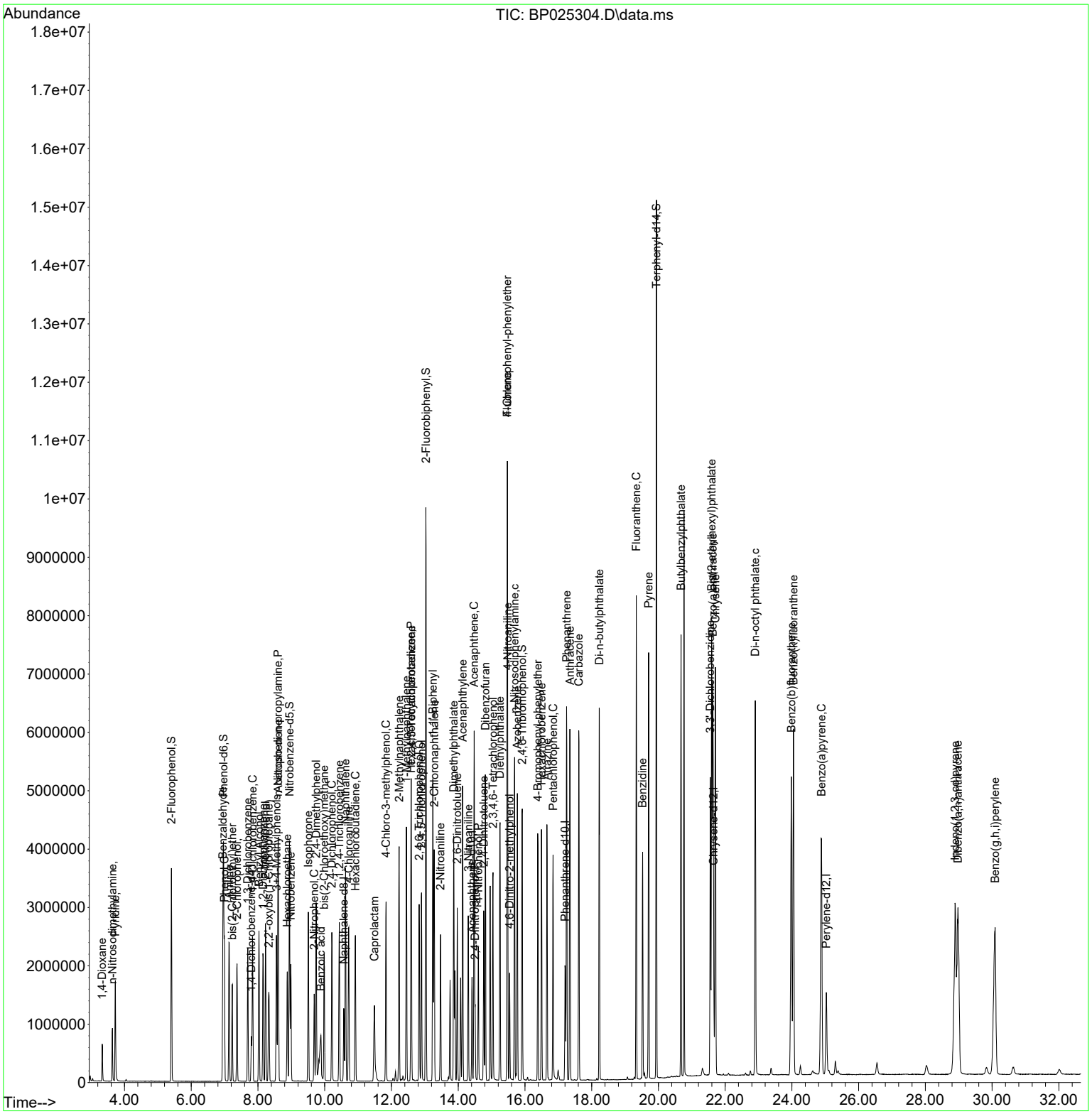
(#) = qualifier out of range (m) = manual integration (+) = signals summed

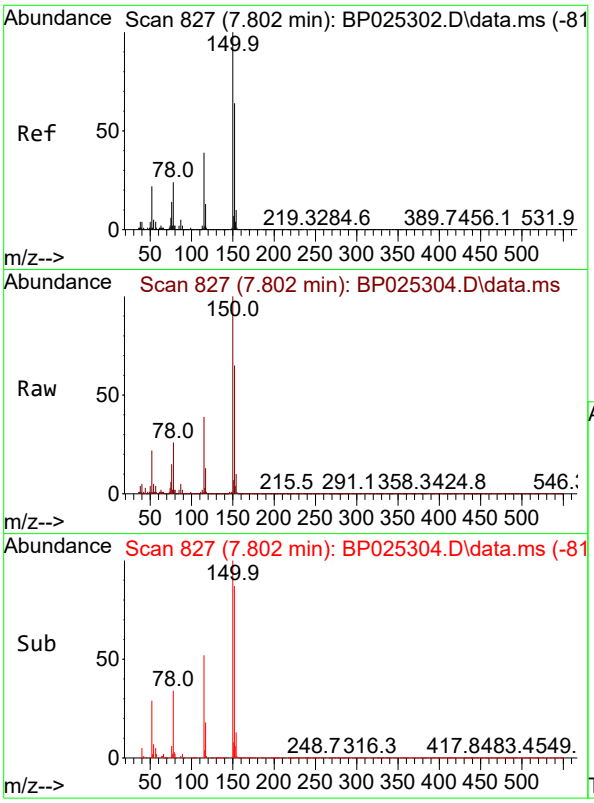
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



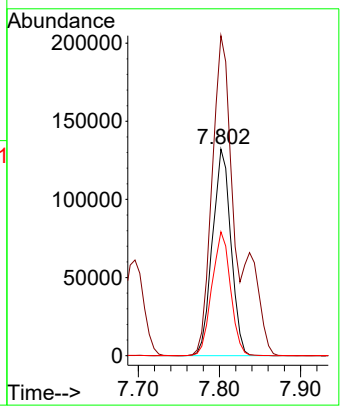


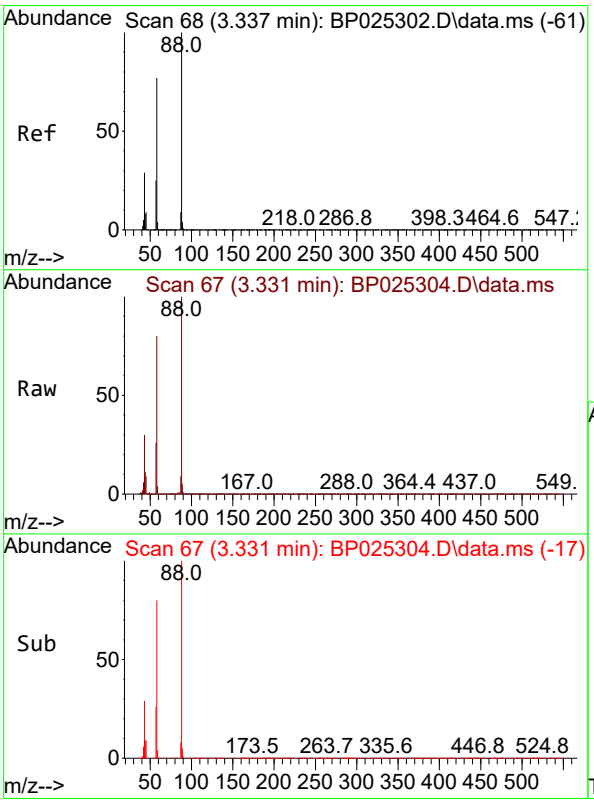
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 209548

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.1	187.7
115	60.0	48.4	72.6

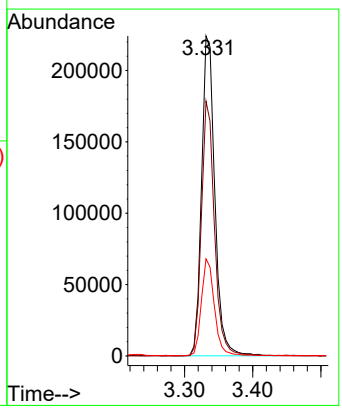


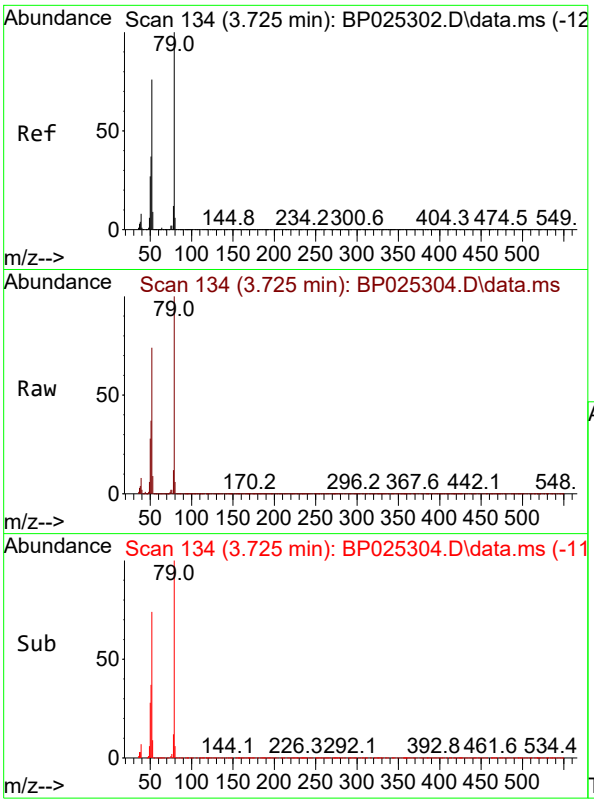


#2
1,4-Dioxane
Concen: 58.945 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 88 Resp: 303060

Ion	Ratio	Lower	Upper
88	100		
58	78.5	61.9	92.9
43	29.8	24.2	36.2



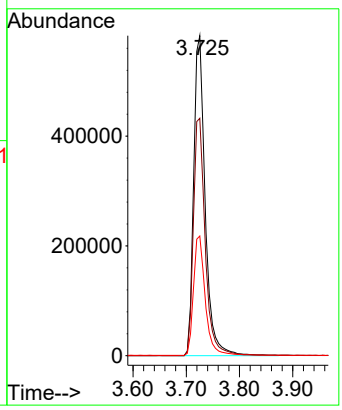


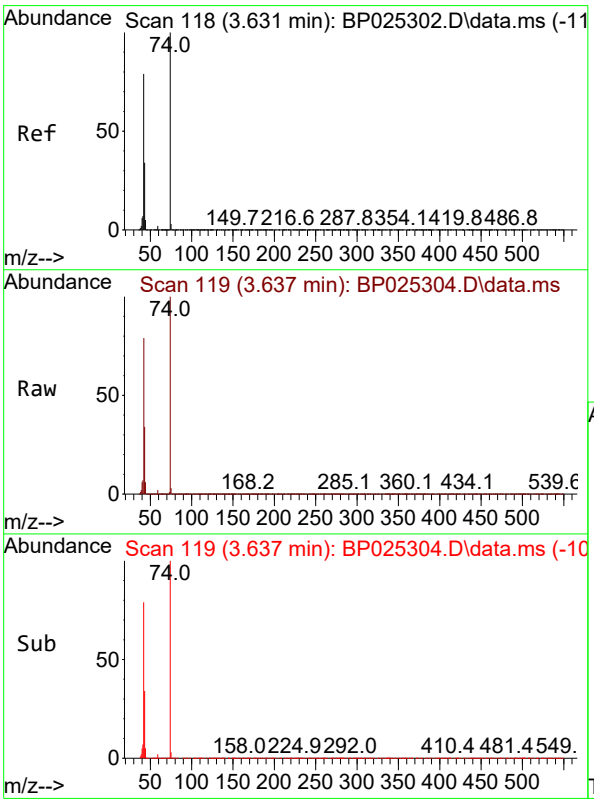
#3
Pyridine
Concen: 61.471 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 878078

Ion	Ratio	Lower	Upper
79	100		
52	74.2	60.5	90.7
51	37.4	30.2	45.2

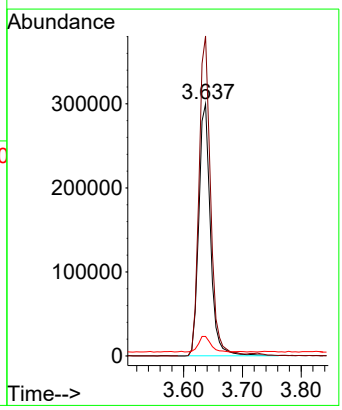


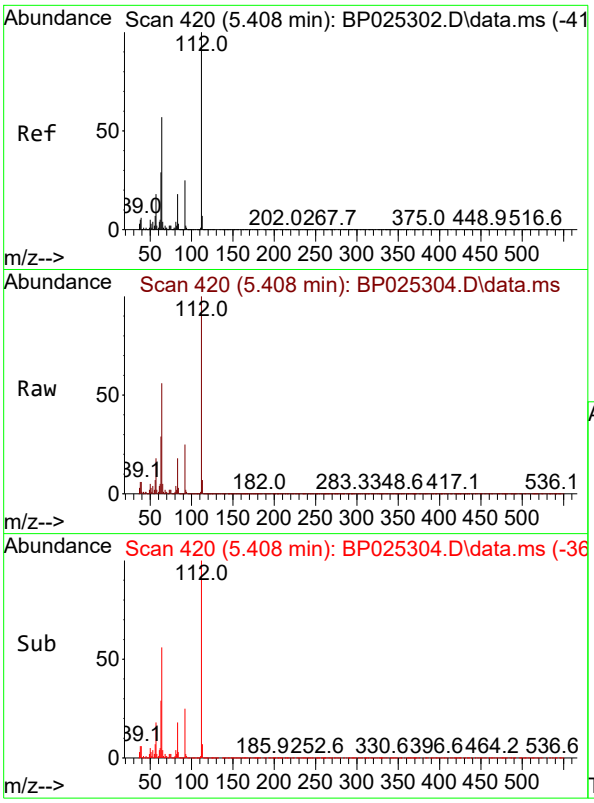


#4
n-Nitrosodimethylamine
Concen: 62.193 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 42 Resp: 412444

Ion	Ratio	Lower	Upper
42	100		
74	127.0	101.4	152.2
44	7.8	7.6	11.4



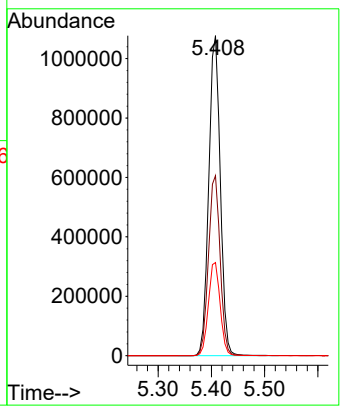


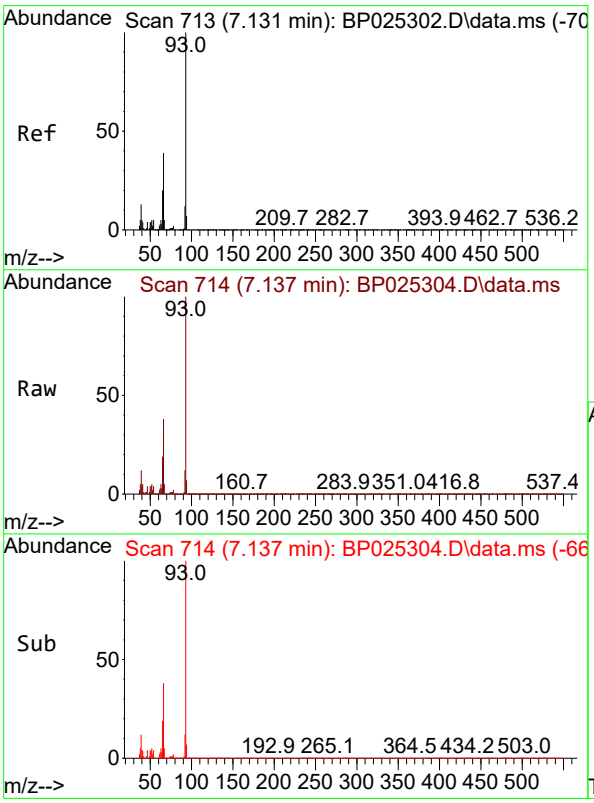
#5
2-Fluorophenol
Concen: 123.401 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1618188

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.3	67.9
63	29.1	23.0	34.6

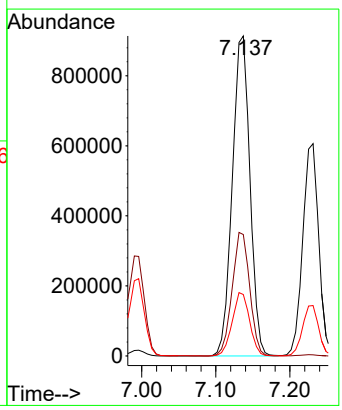


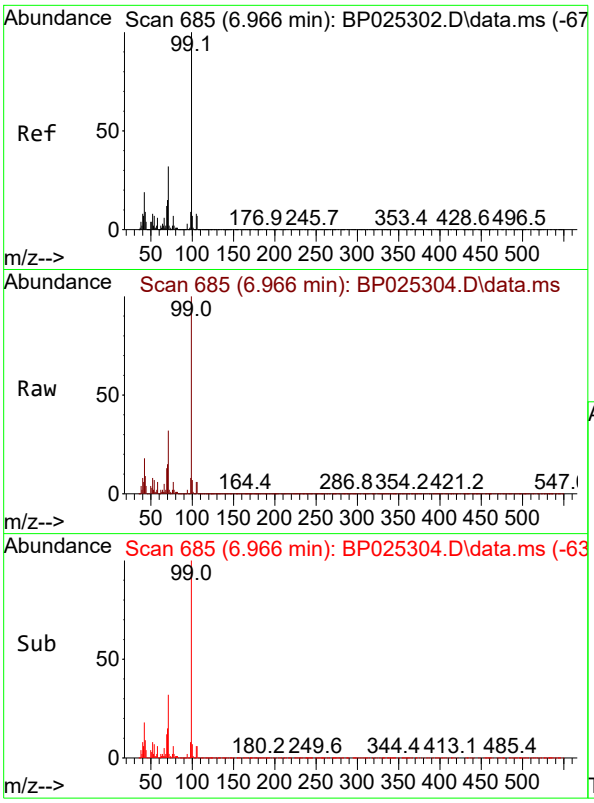


#6
Aniline
Concen: 64.169 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 93 Resp: 1510421

Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.1	46.7
65	19.2	15.8	23.8



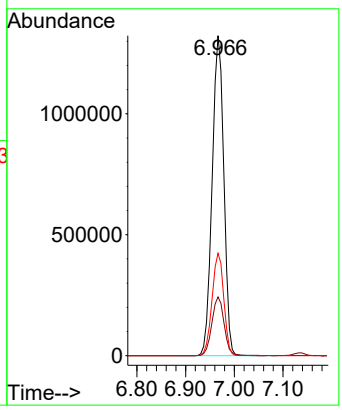


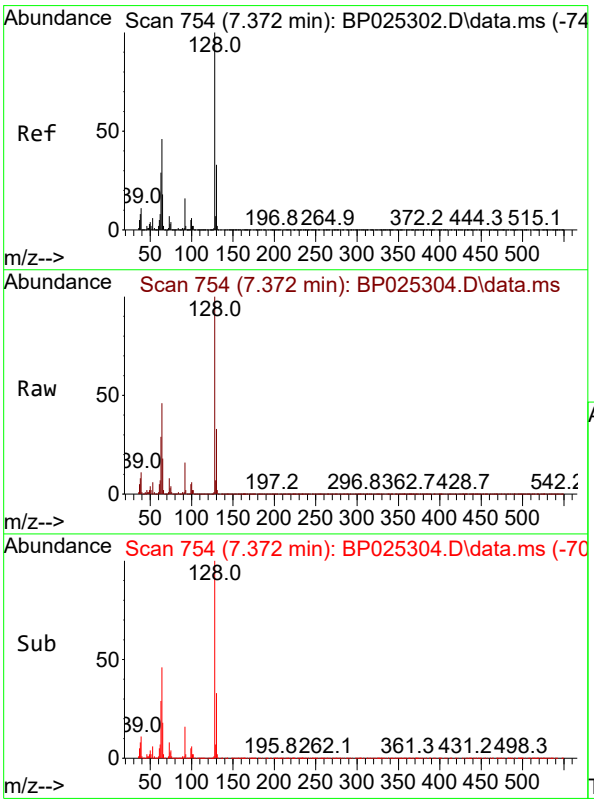
#7
Phenol-d6
Concen: 126.763 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2192788

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.6
71	32.0	25.5	38.3

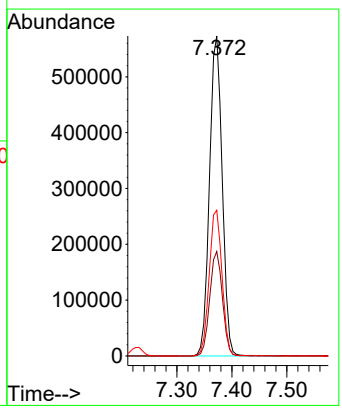


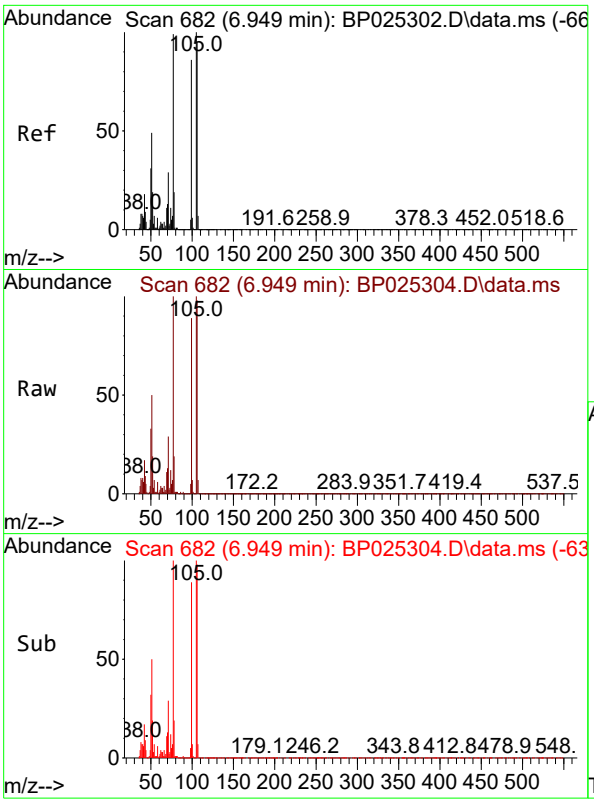


#8
2-Chlorophenol
Concen: 64.474 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:128 Resp: 919471

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	45.6	26.1	66.1



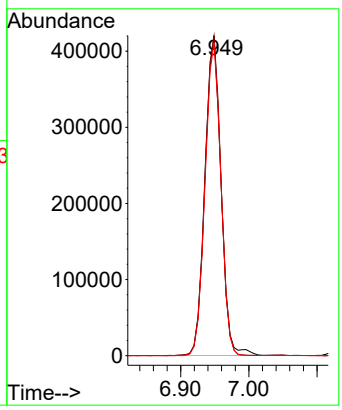


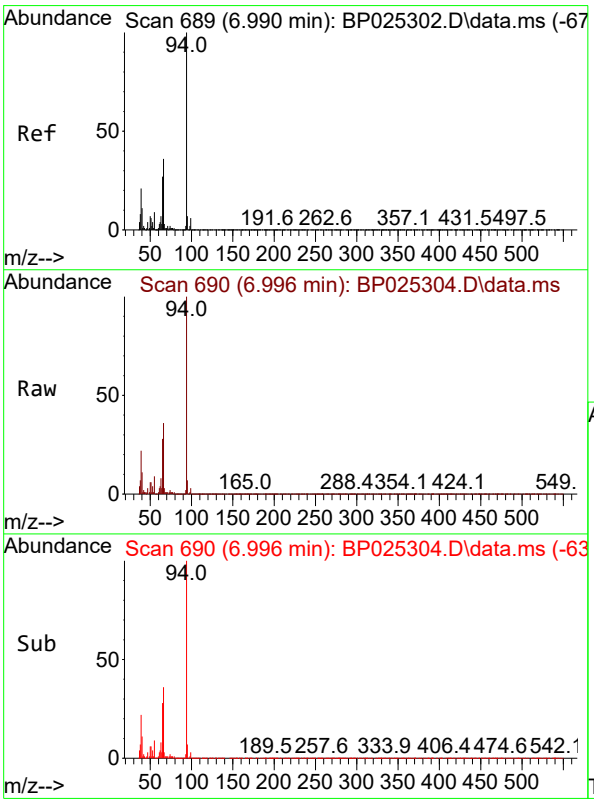
#9
Benzaldehyde
Concen: 56.545 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 688637

Ion	Ratio	Lower	Upper
77	100		
105	100.0	81.4	121.4
106	97.7	76.2	116.2

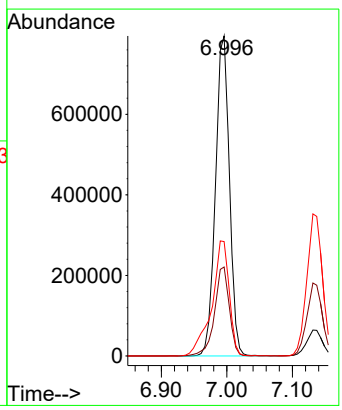


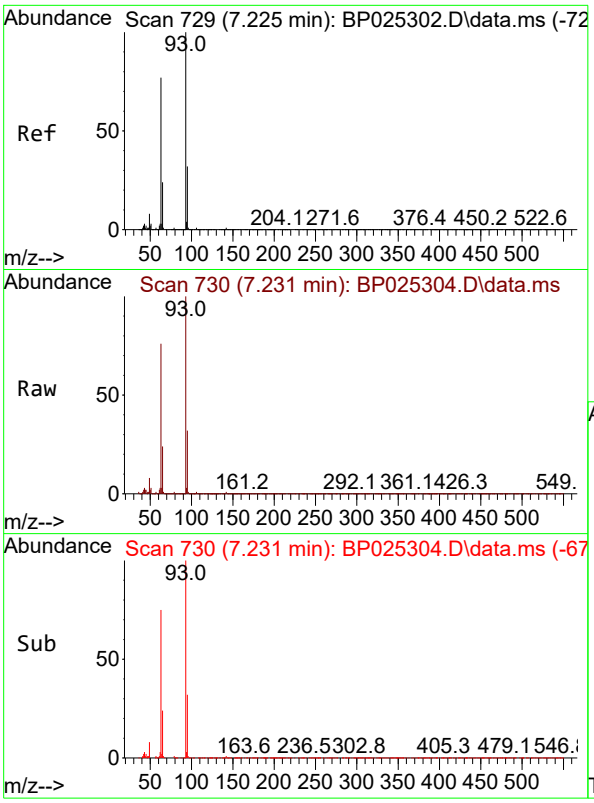


#10
Phenol
Concen: 63.704 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 94 Resp: 1168723

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.3	47.3
66	35.8	15.7	55.7



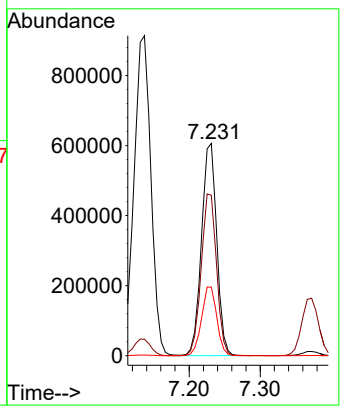


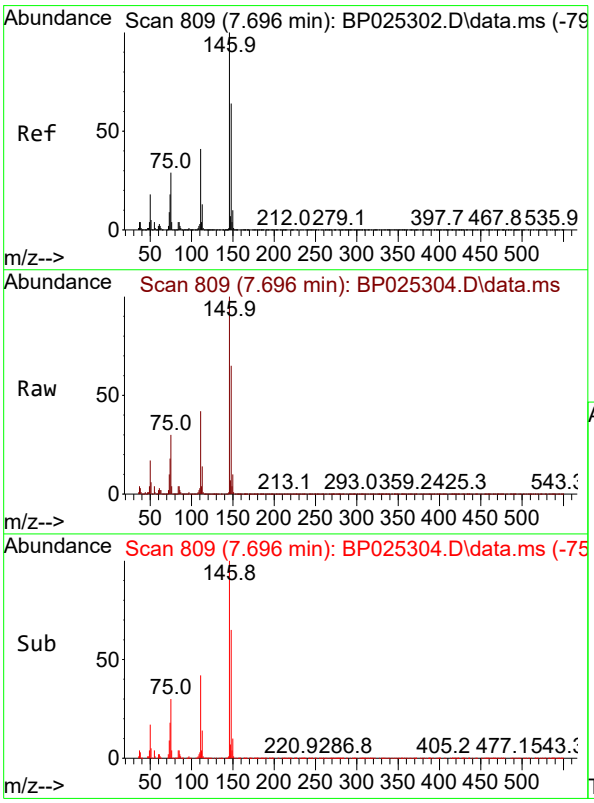
#11
bis(2-Chloroethyl)ether
Concen: 62.958 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 905011

Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.0	97.0
95	32.3	12.1	52.1

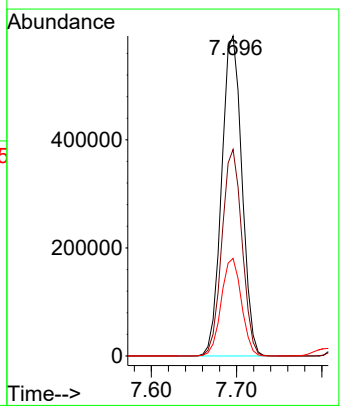


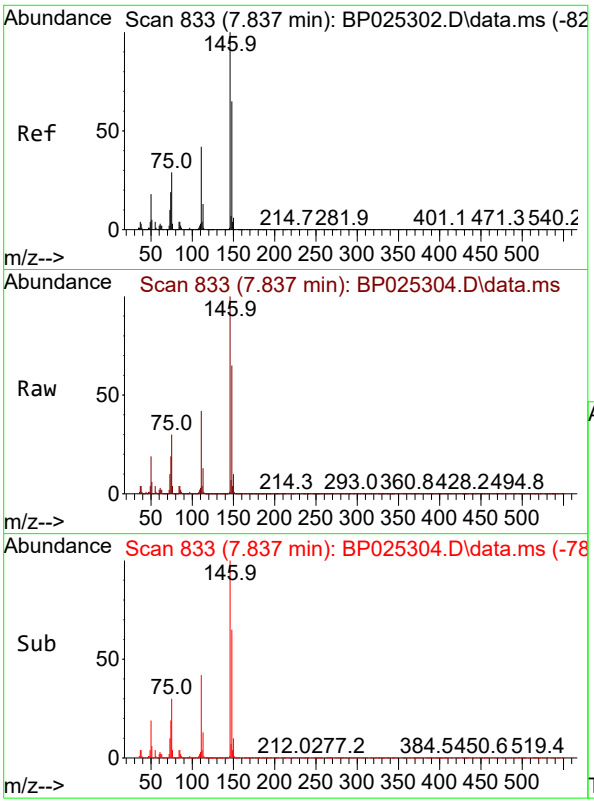


#12
1,3-Dichlorobenzene
Concen: 61.060 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:146 Resp: 978449

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
75	30.5	23.2	34.8



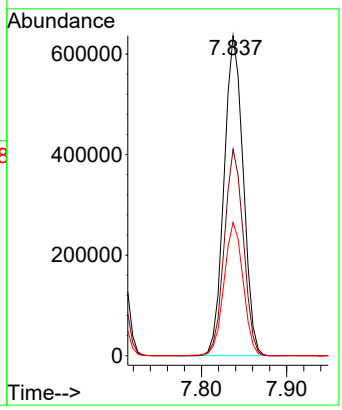


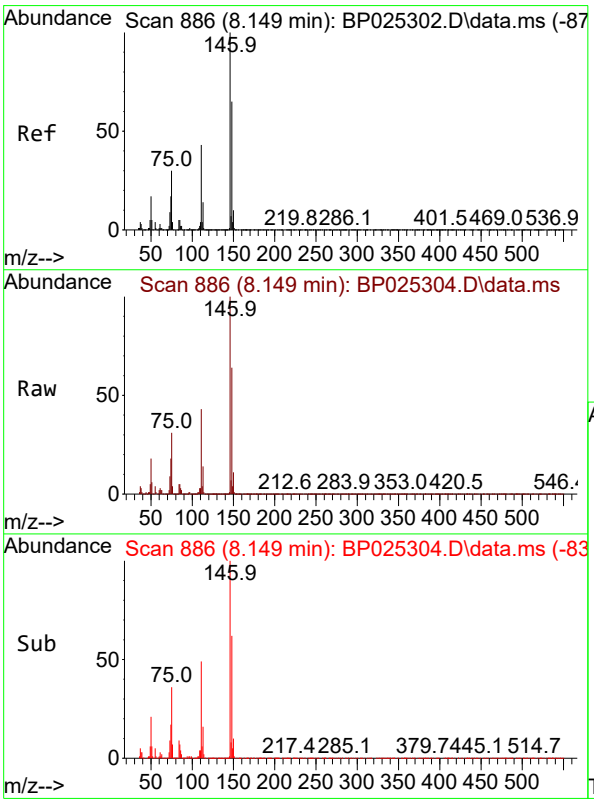
#13
1,4-Dichlorobenzene
Concen: 61.246 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 992921

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	41.6	33.2	49.8

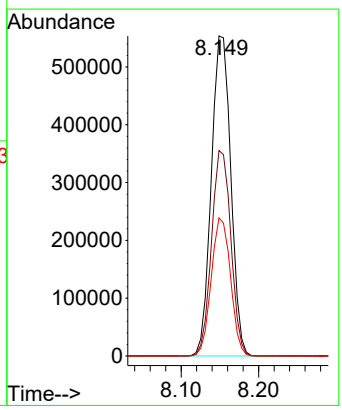


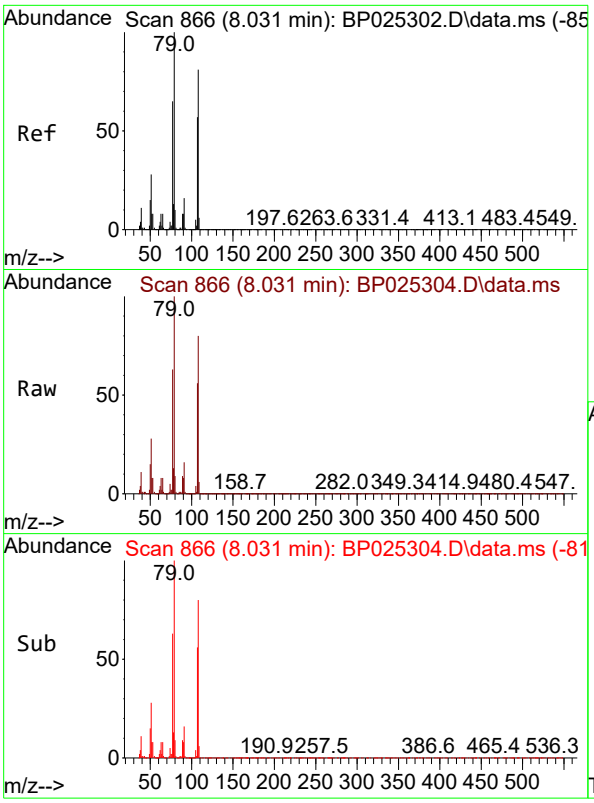


#14
1,2-Dichlorobenzene
Concen: 61.580 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:146 Resp: 967096

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	43.2	34.4	51.6



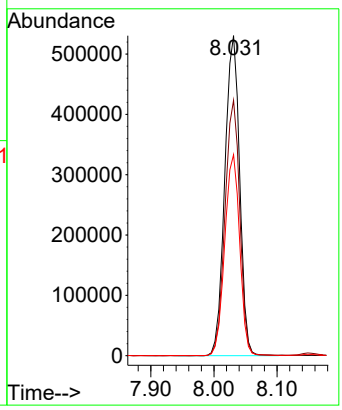


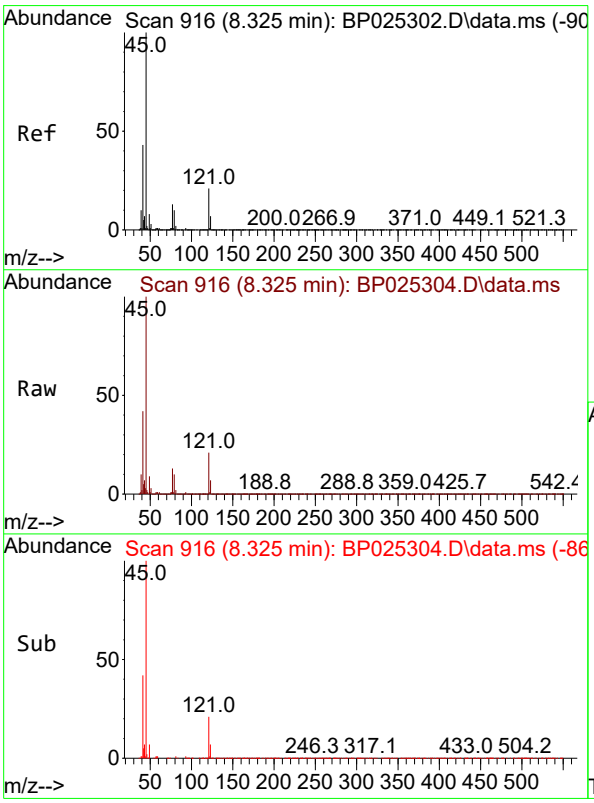
#15
Benzyl Alcohol
Concen: 65.324 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 868233

Ion	Ratio	Lower	Upper
79	100		
108	79.8	64.5	96.7
77	62.8	51.9	77.9

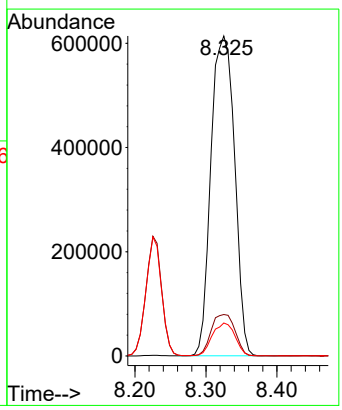


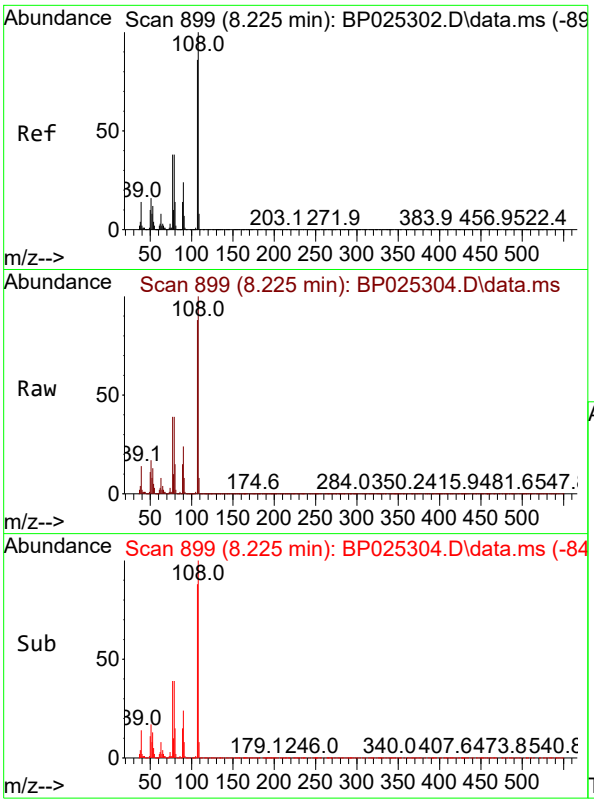


#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.512 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 45 Resp: 1419539

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.0
79	10.3	0.0	29.8



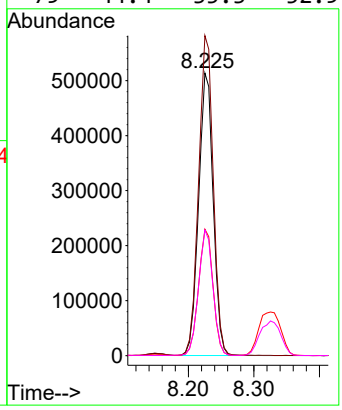


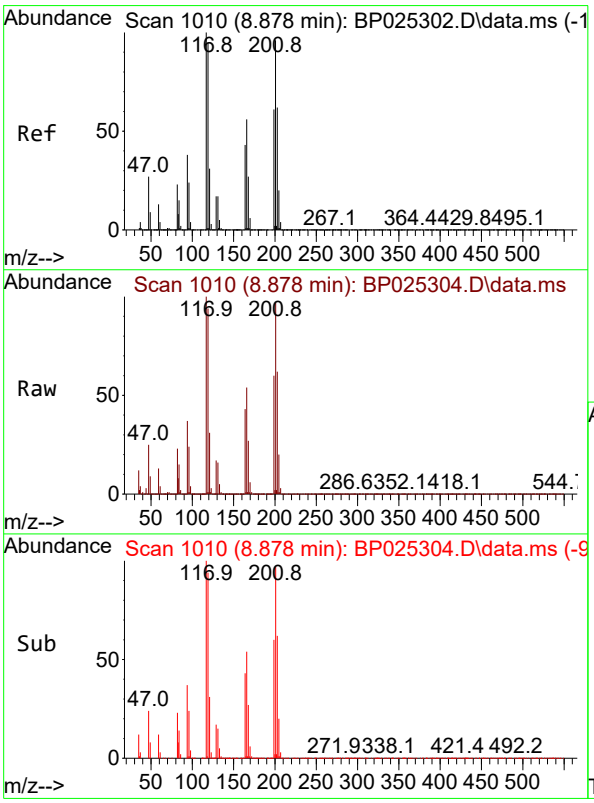
#17
2-Methylphenol
Concen: 64.734 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 794670

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	139.0
77	44.7	35.4	53.2
79	44.4	35.3	52.9

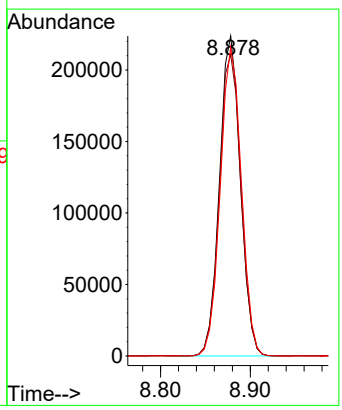


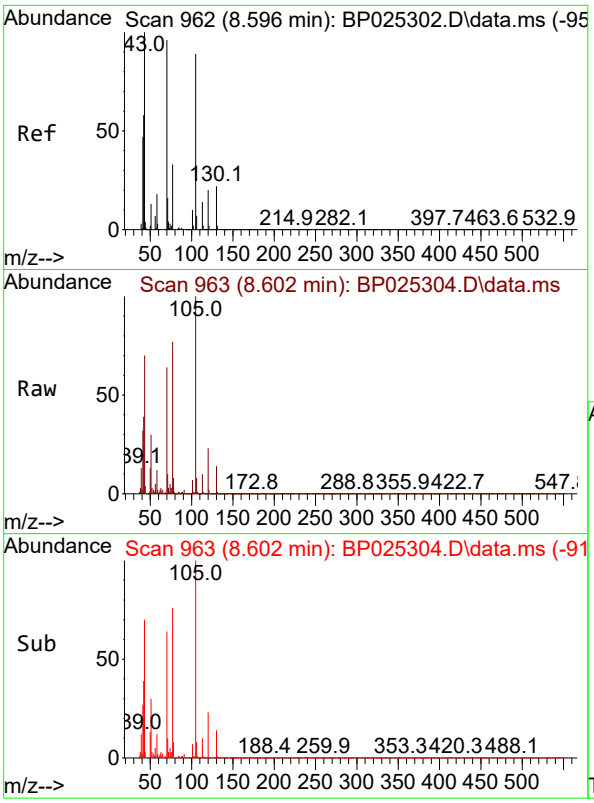


#18
Hexachloroethane
Concen: 62.586 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:117 Resp: 362858

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	96.5	76.6	114.8



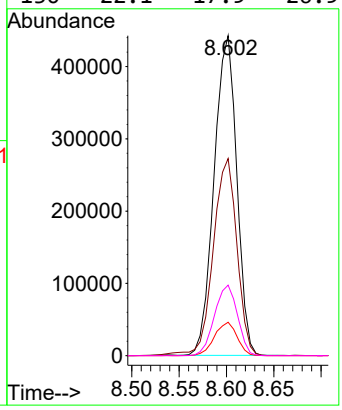


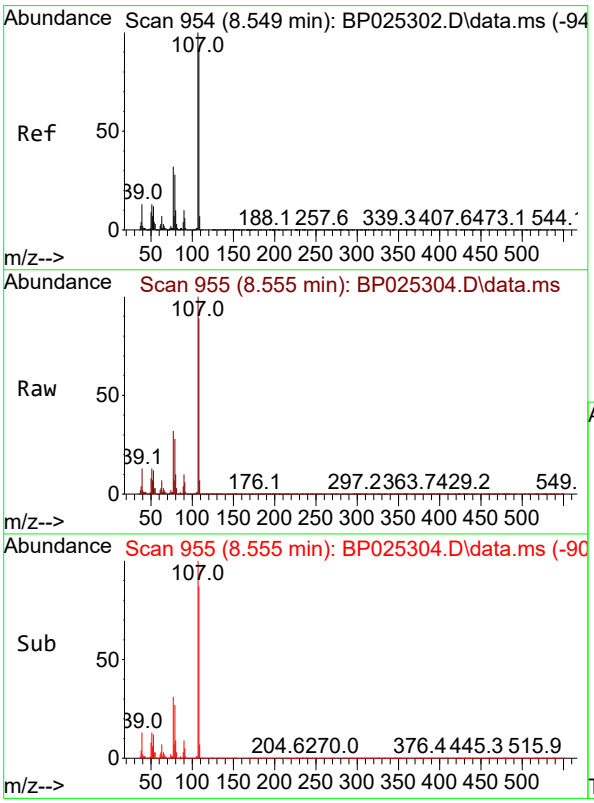
#19
n-Nitroso-di-n-propylamine
Concen: 65.363 ng
RT: 8.602 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 736360

Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.4	74.0
101	10.5	7.9	11.9
130	22.1	17.9	26.9

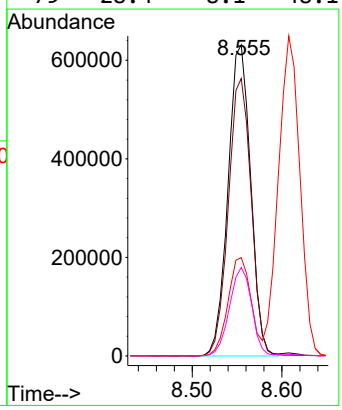


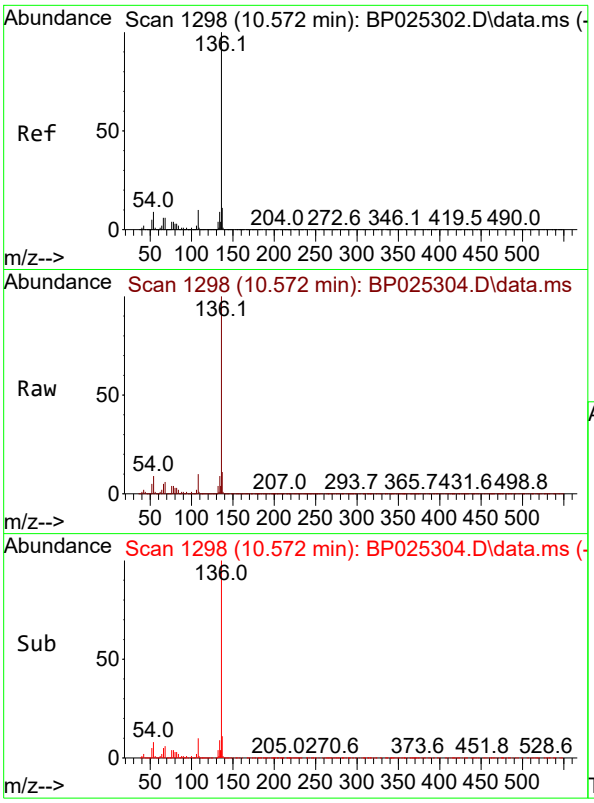


#20
3+4-Methylphenols
Concen: 65.236 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:107 Resp: 1102764

Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.9	111.9
77	31.6	12.0	52.0
79	28.4	8.1	48.1



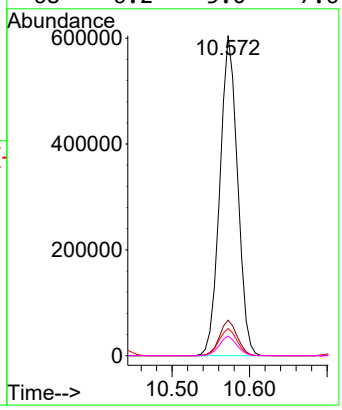


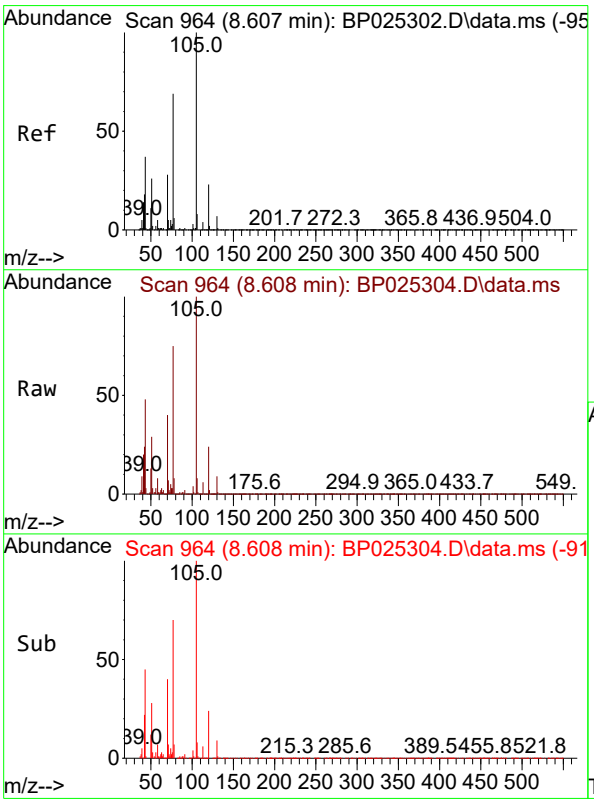
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 959140

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	7.0	10.6
68	6.2	5.0	7.6

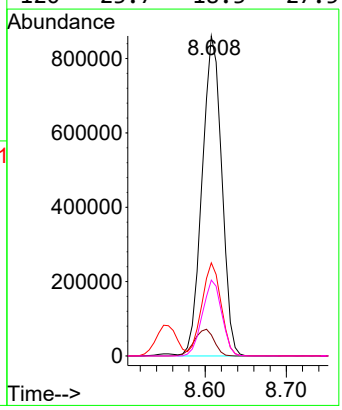


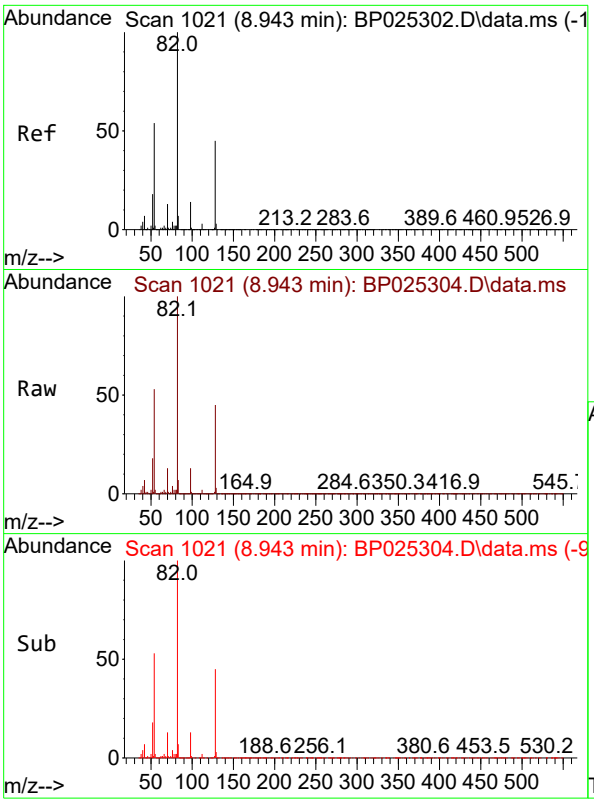


#22
Acetophenone
Concen: 59.875 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:105 Resp: 1441680

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.1	6.1#
51	29.1	22.7	34.1
120	23.7	18.3	27.5



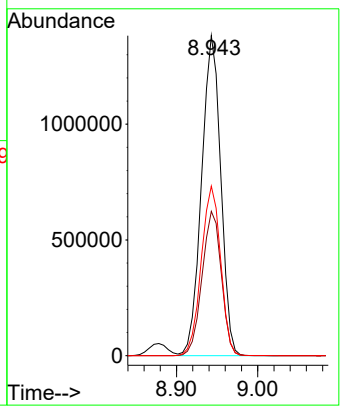


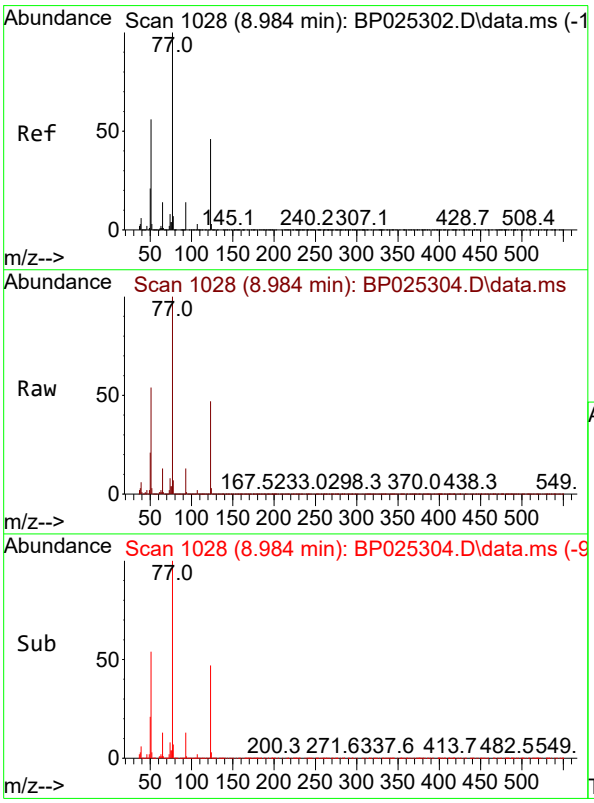
#23
Nitrobenzene-d5
Concen: 127.855 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2266518

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.4	53.2
54	53.0	42.9	64.3

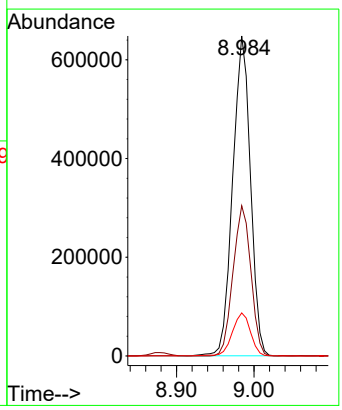


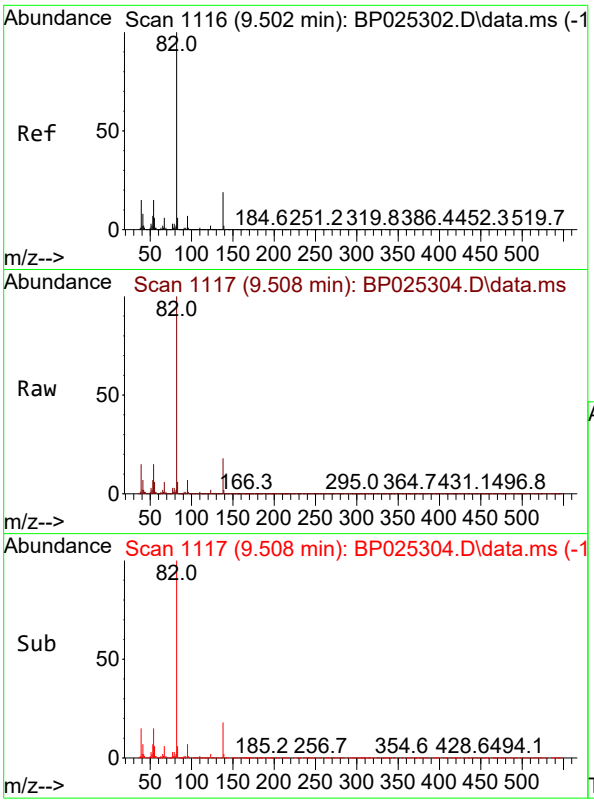


#24
Nitrobenzene
Concen: 63.003 ng
RT: 8.984 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 77 Resp: 1032520

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.4	56.2
65	13.4	11.1	16.7



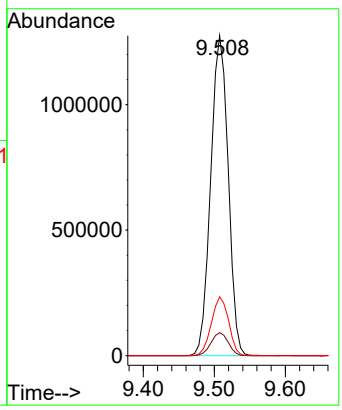


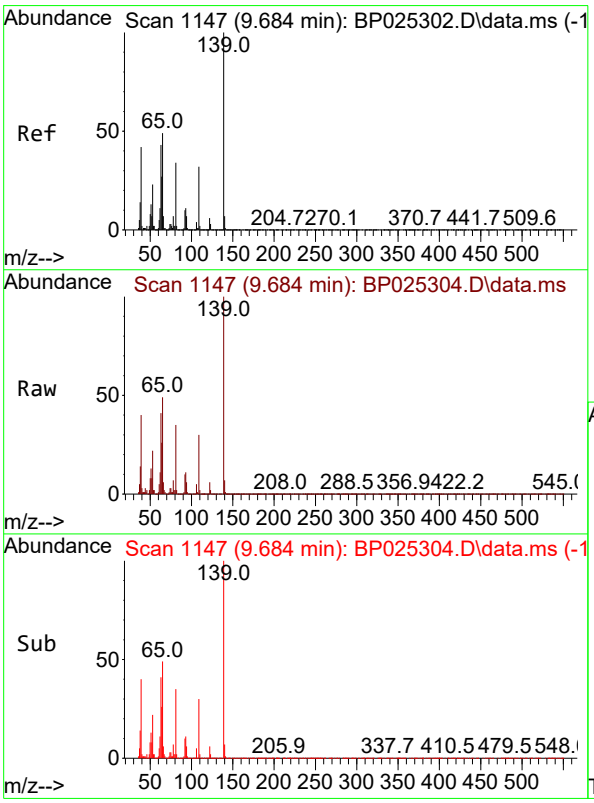
#25
Isophorone
Concen: 63.135 ng
RT: 9.508 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2175760

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.4	15.0	22.6

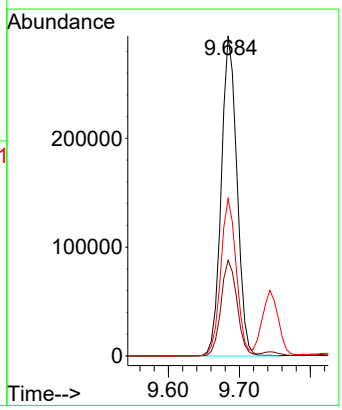


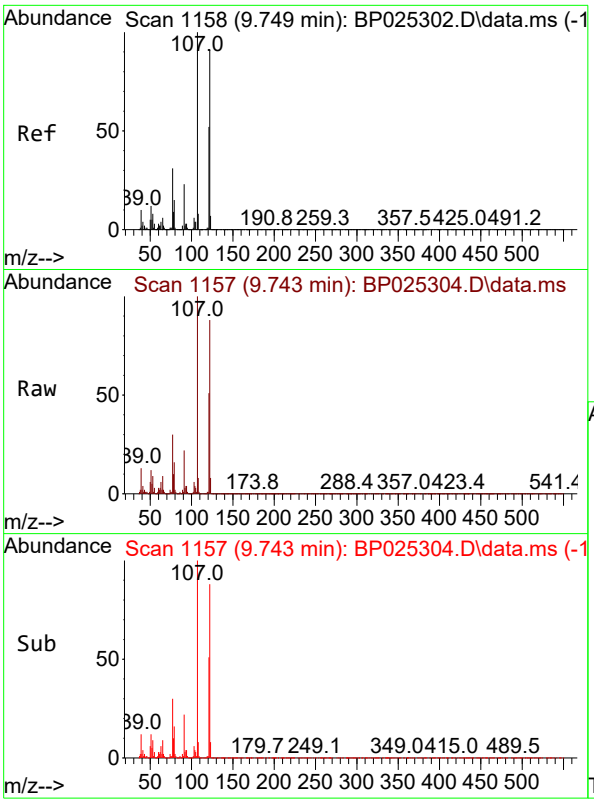


#26
2-Nitrophenol
Concen: 61.813 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:139 Resp: 449368

Ion	Ratio	Lower	Upper
139	100		
109	29.9	25.2	37.8
65	49.2	39.6	59.4



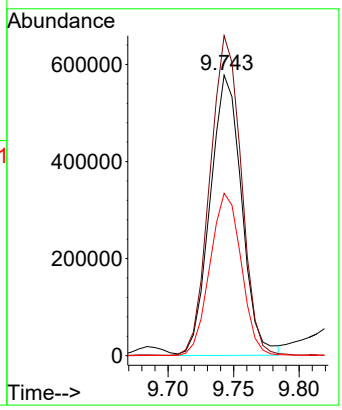


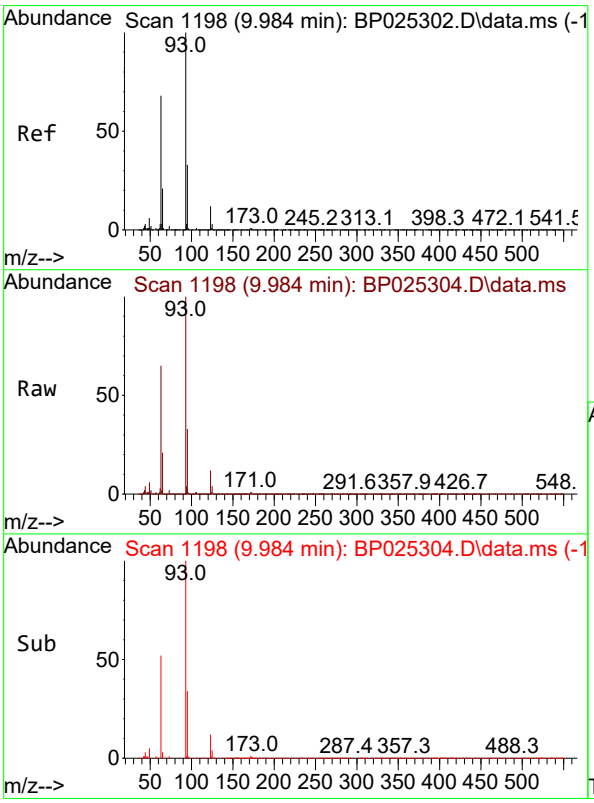
#27
2,4-Dimethylphenol
Concen: 60.732 ng
RT: 9.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 964929

Ion	Ratio	Lower	Upper
122	100		
107	114.1	87.4	131.0
121	57.9	45.8	68.8

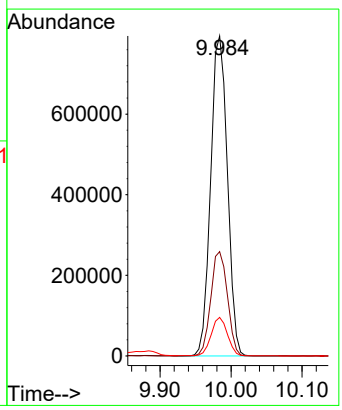


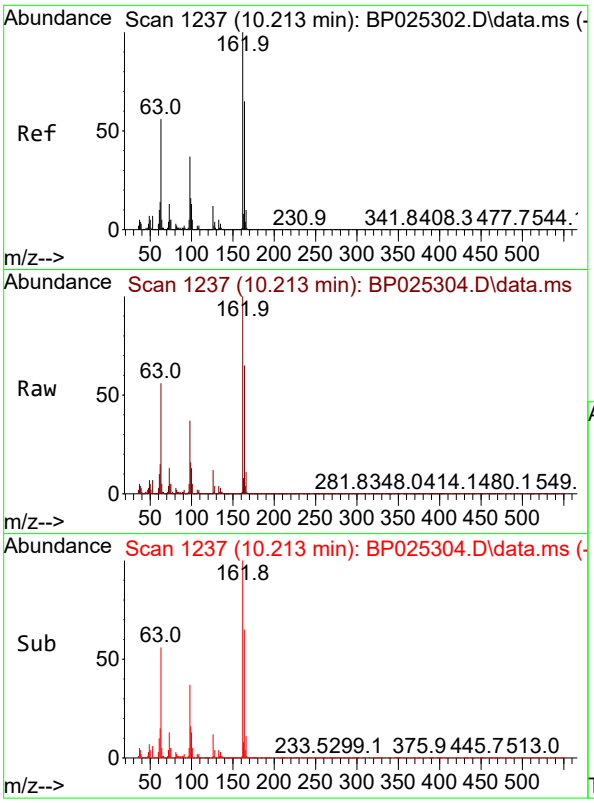


#28
bis(2-Chloroethoxy)methane
Concen: 61.783 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 93 Resp: 1295232

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	12.0	9.4	14.2



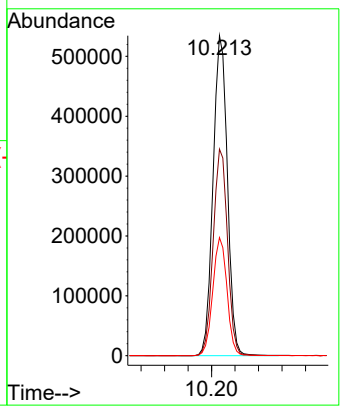


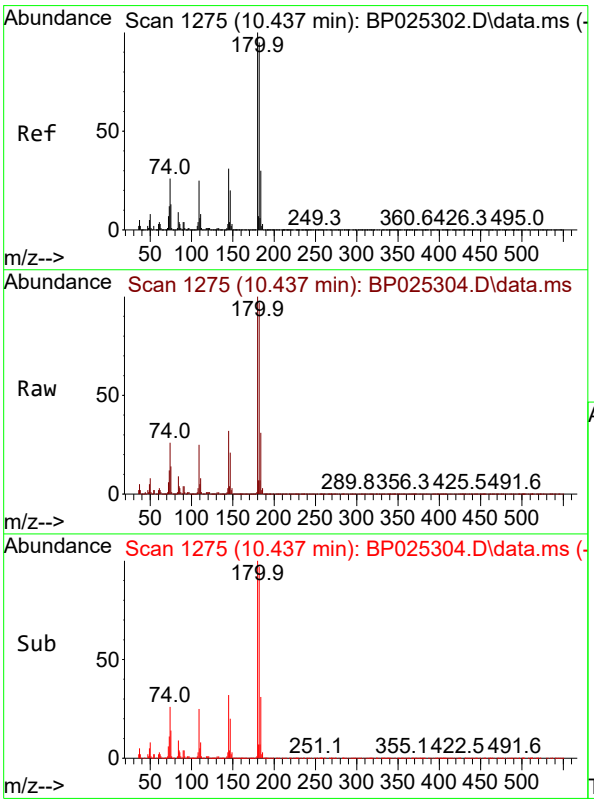
#29
2,4-Dichlorophenol
Concen: 65.101 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 905554

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	36.9	17.5	57.5

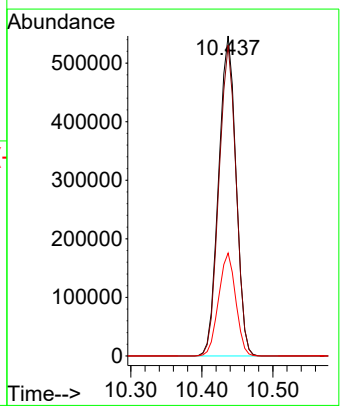


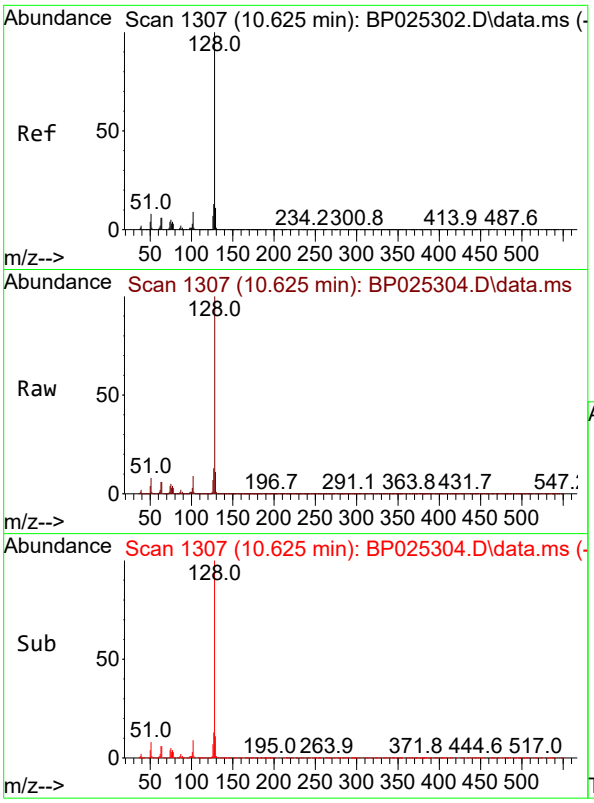


#30
1,2,4-Trichlorobenzene
Concen: 60.262 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:180 Resp: 924791

Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.8	113.8
145	32.2	25.0	37.4



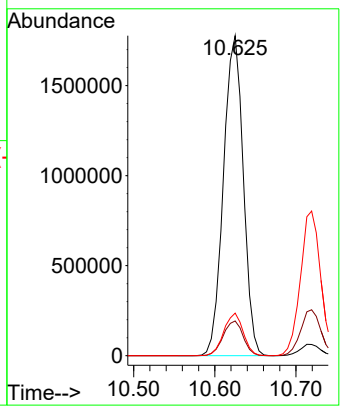


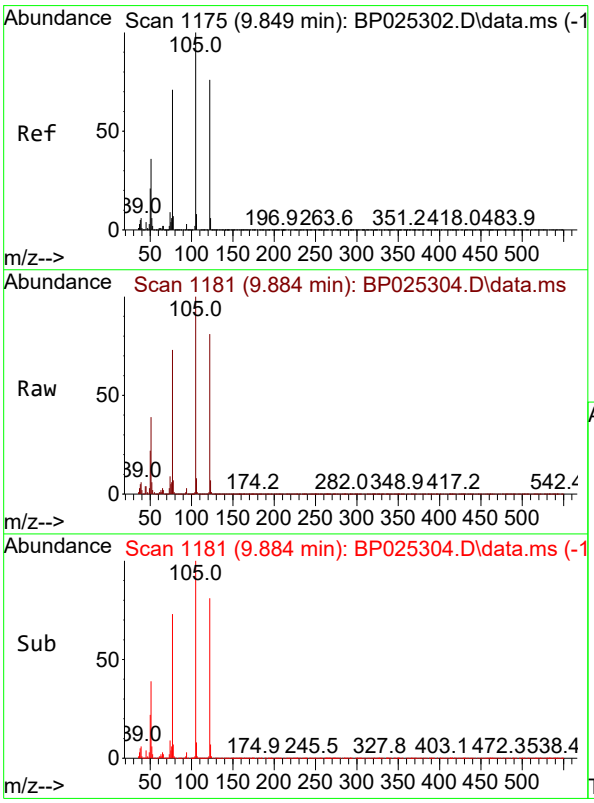
#31
Naphthalene
Concen: 60.593 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3016986

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6

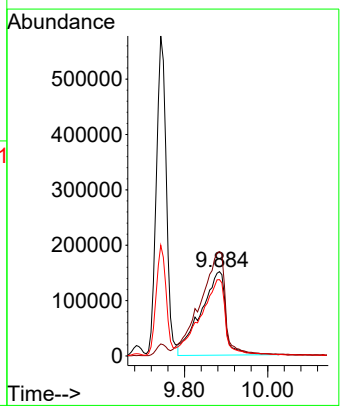


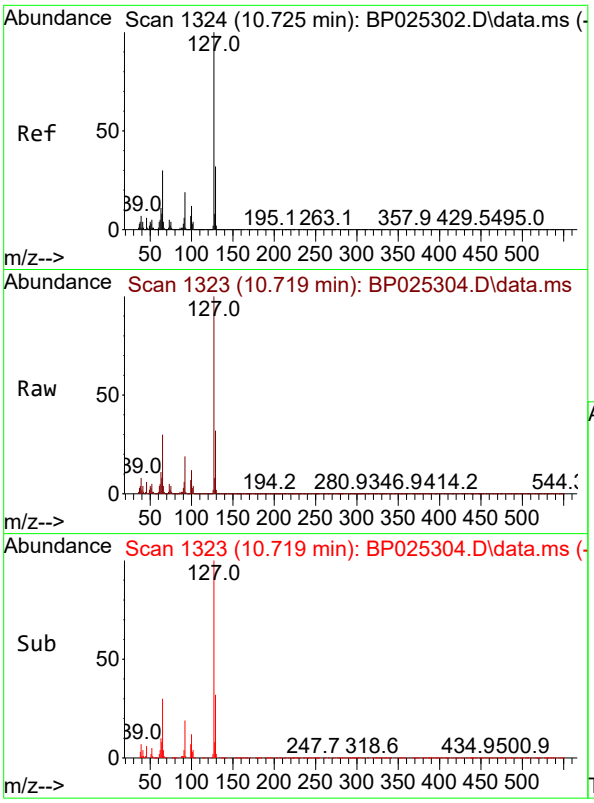


#32
Benzoic acid
Concen: 61.911 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:122 Resp: 625232

Ion	Ratio	Lower	Upper
122	100		
105	123.8	104.0	144.0
77	90.6	71.8	111.8



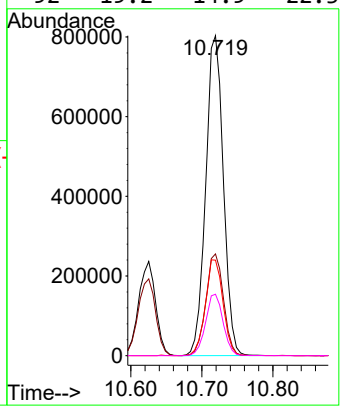


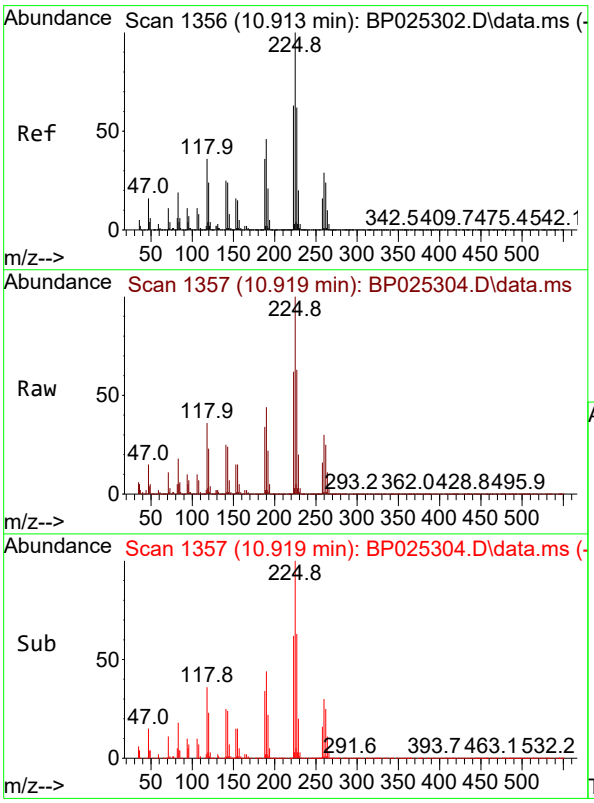
#33
4-Chloroaniline
Concen: 62.570 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1385599

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	29.8	23.6	35.4
92	19.2	14.9	22.3

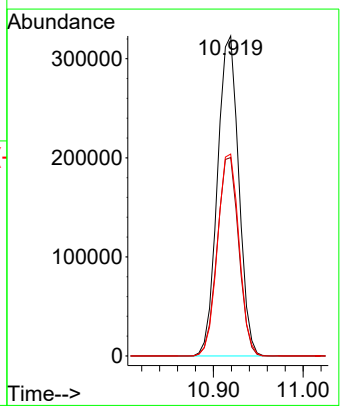


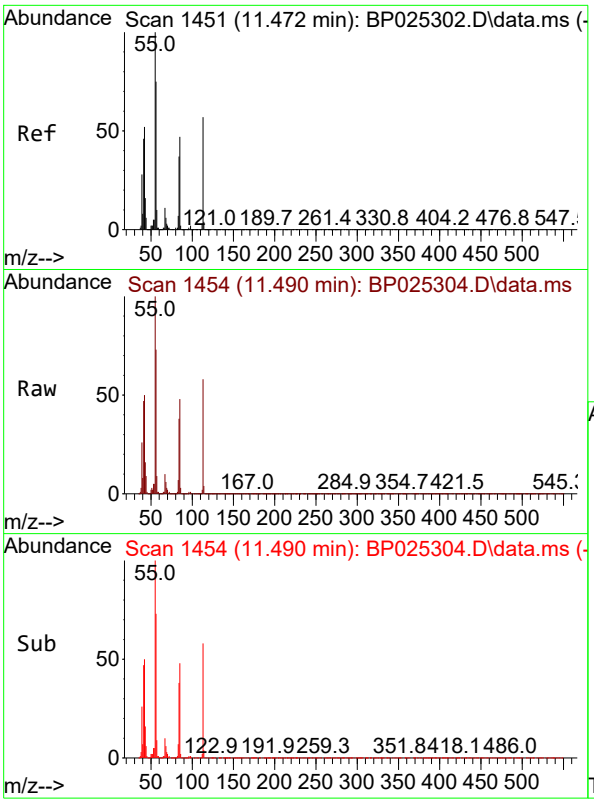


#34
Hexachlorobutadiene
Concen: 60.284 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:225 Resp: 531051

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	63.1	49.7	74.5



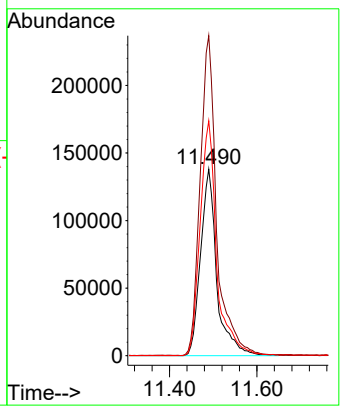


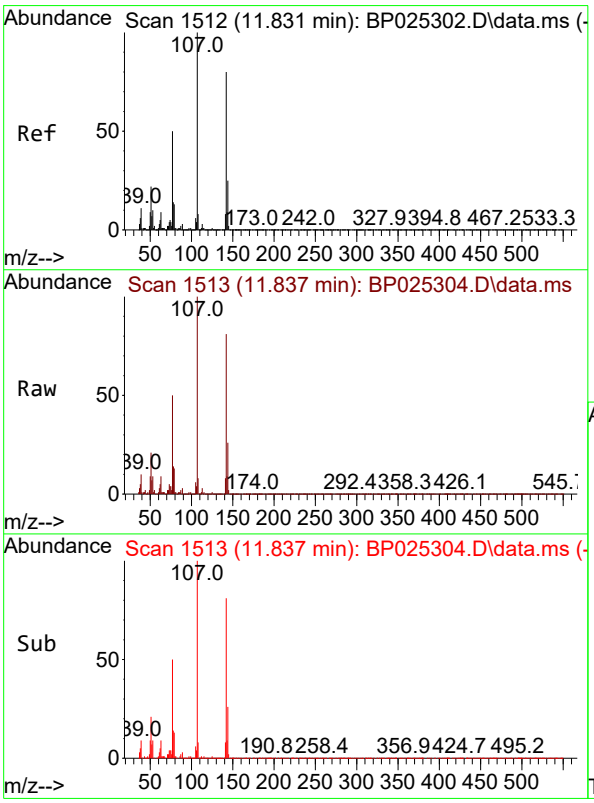
#35
Caprolactam
Concen: 65.928 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 356548

Ion	Ratio	Lower	Upper
113	100		
55	171.6	154.4	194.4
56	126.0	110.9	150.9

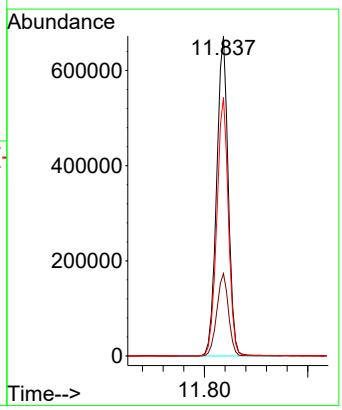


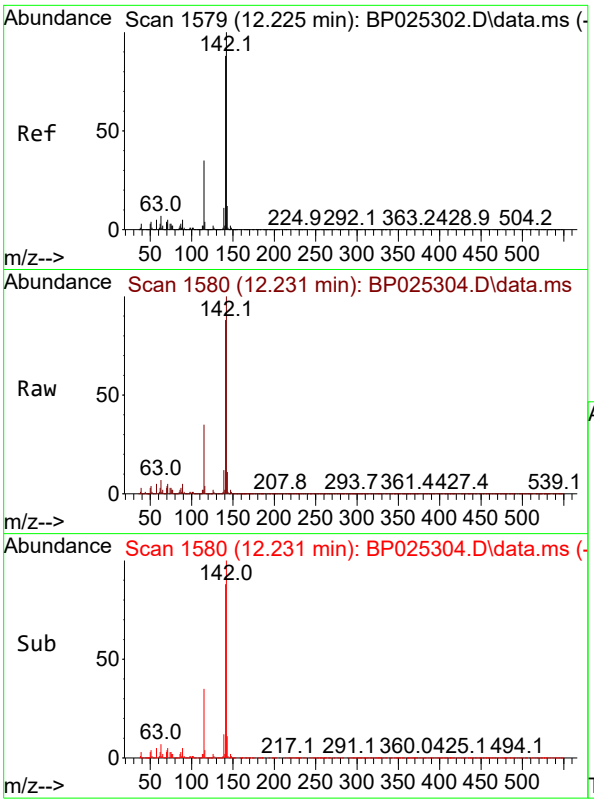


#36
4-Chloro-3-methylphenol
Concen: 64.929 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:107 Resp: 1045051

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	80.7	63.7	95.5



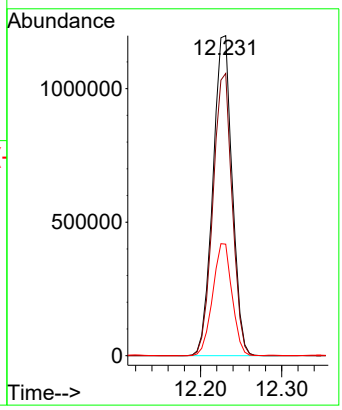


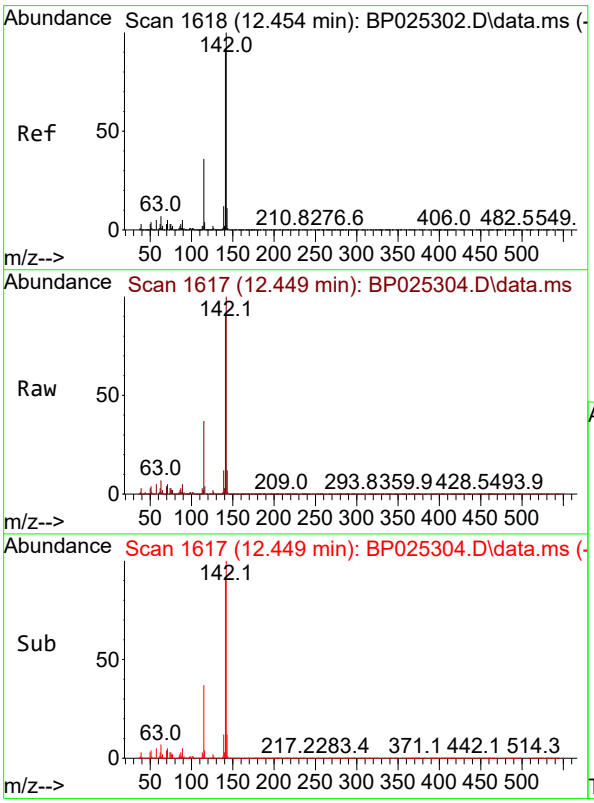
#37
2-Methylnaphthalene
Concen: 61.409 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1979064

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	34.8	28.0	42.0

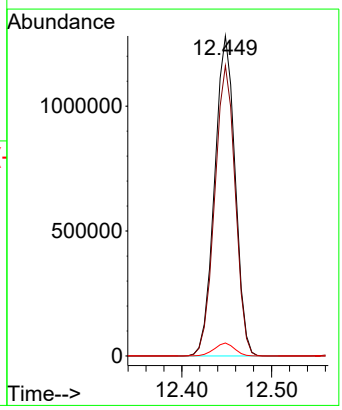


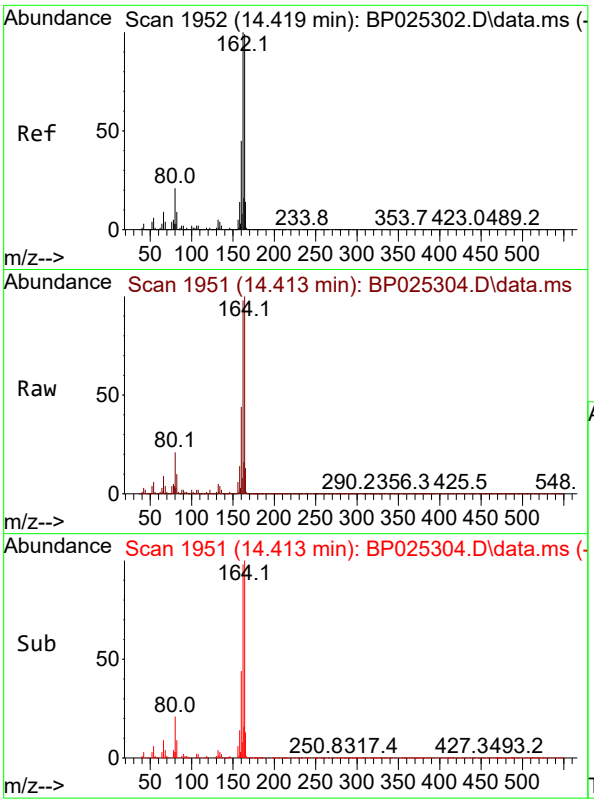


#38
1-Methylnaphthalene
Concen: 60.428 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:142 Resp: 2032006

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
116	4.0	3.0	4.6



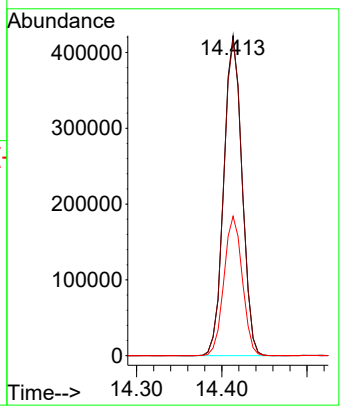


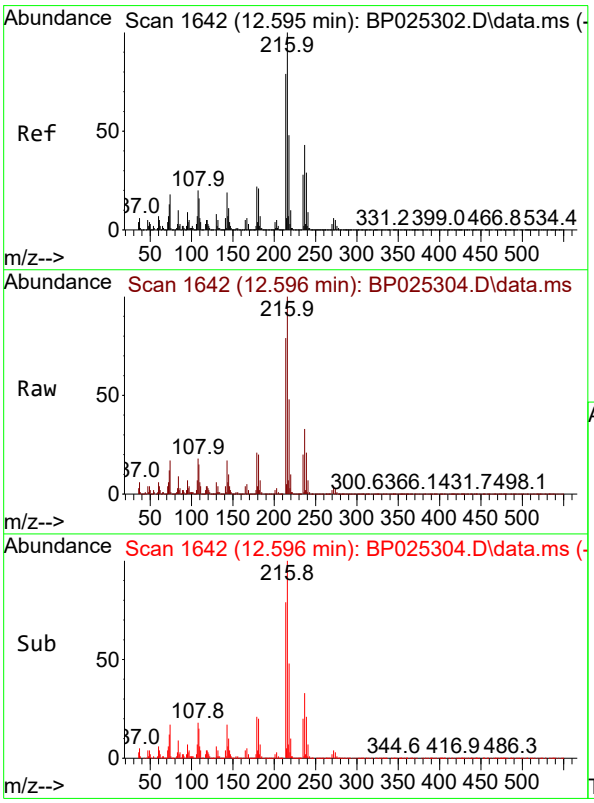
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 627525

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.6	35.9	53.9

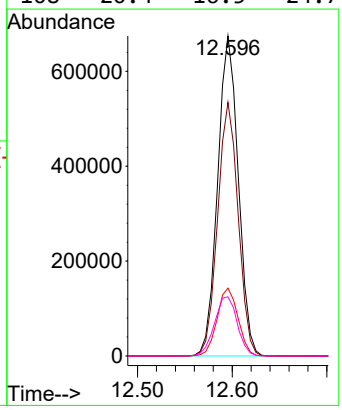


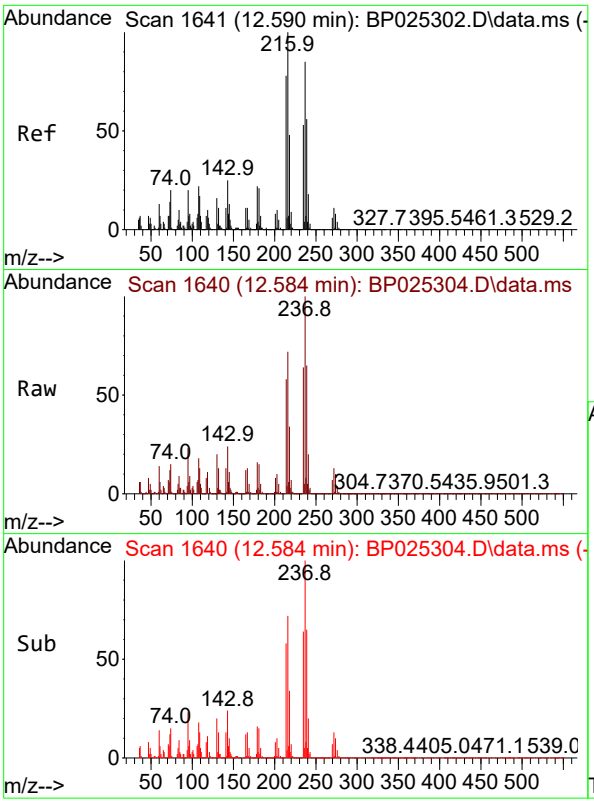


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.576 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:216 Resp: 1020686

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	21.6	17.5	26.3
108	20.4	16.5	24.7



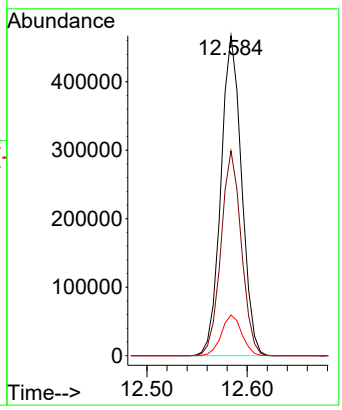


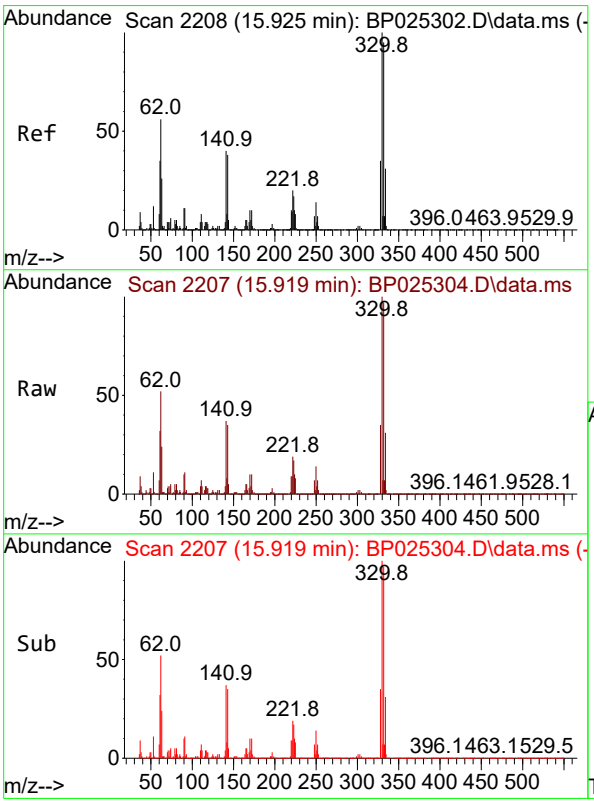
#41
Hexachlorocyclopentadiene
Concen: 63.265 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 668954

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.2	82.2
272	12.7	0.0	32.8

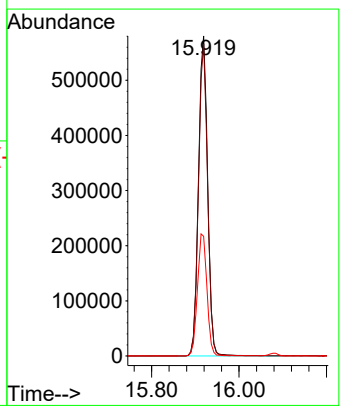


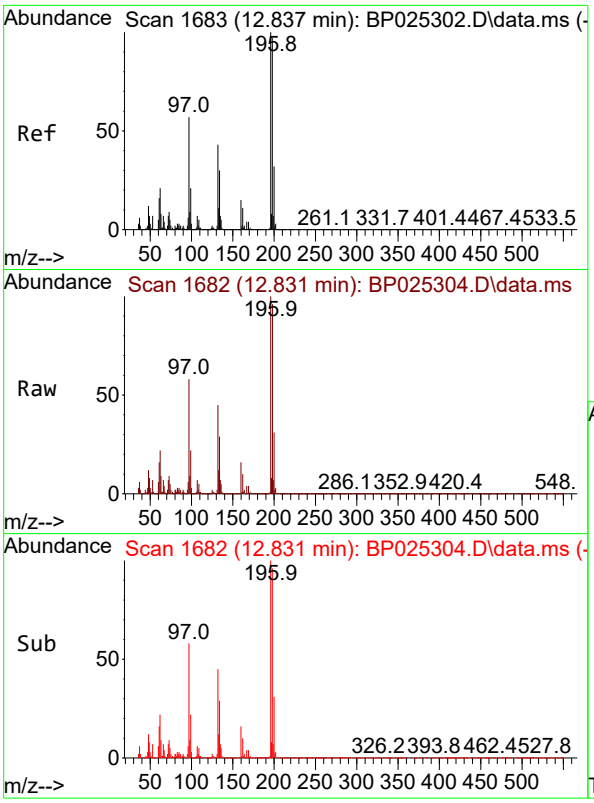


#42
2,4,6-Tribromophenol
Concen: 130.917 ng
RT: 15.919 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:330 Resp: 848230

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	39.5	31.7	47.5



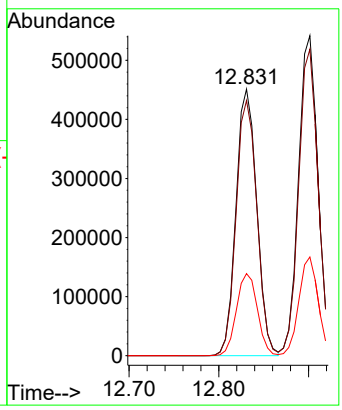


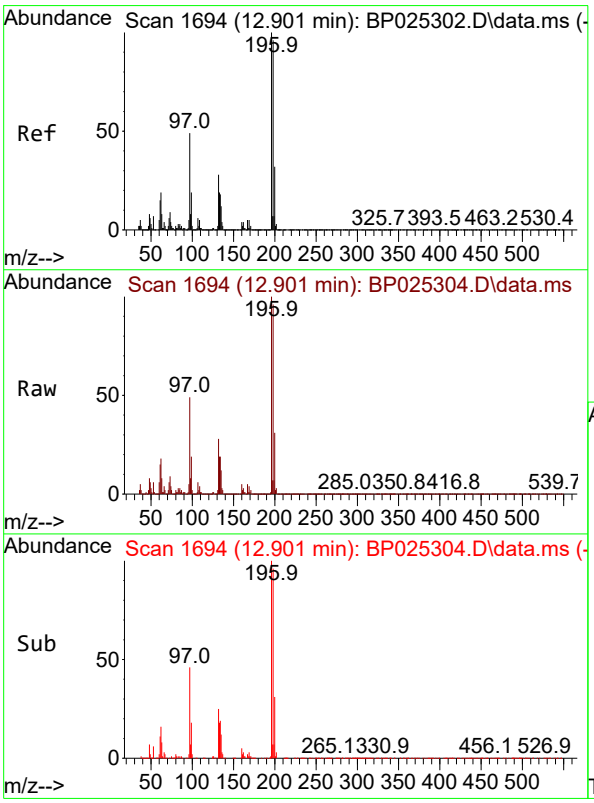
#43
2,4,6-Trichlorophenol
Concen: 65.619 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 726236

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.3	115.9
200	30.8	25.4	38.2

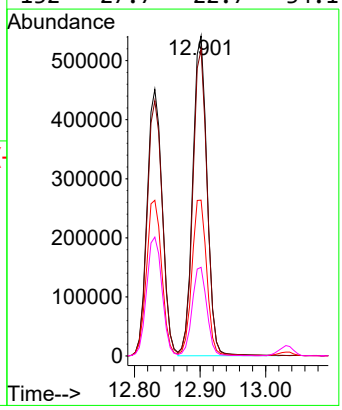


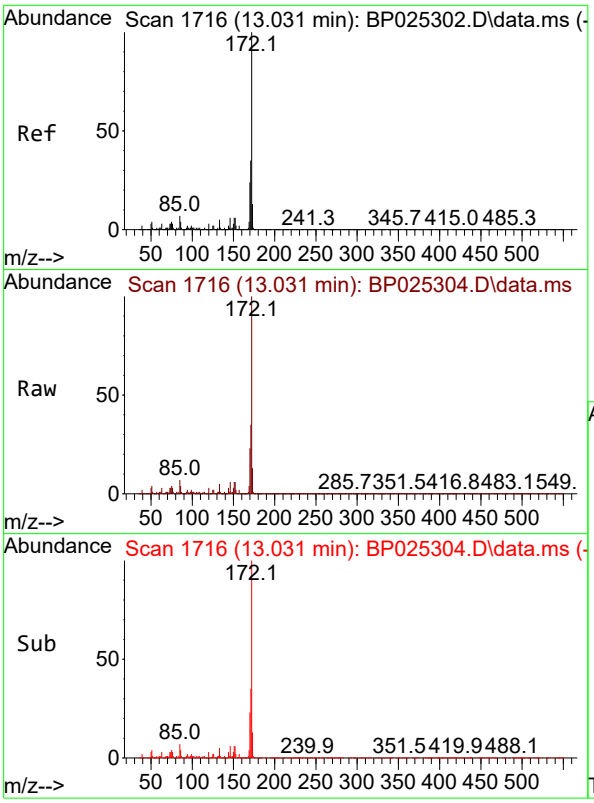


#44
2,4,5-Trichlorophenol
Concen: 66.349 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:196 Resp: 823738

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	48.7	39.5	59.3
132	27.7	22.7	34.1



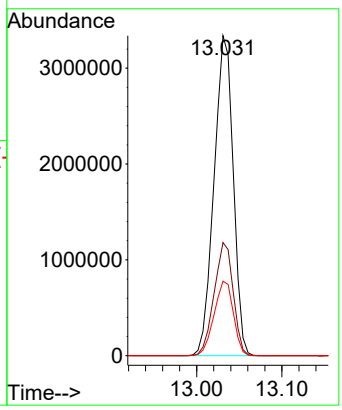


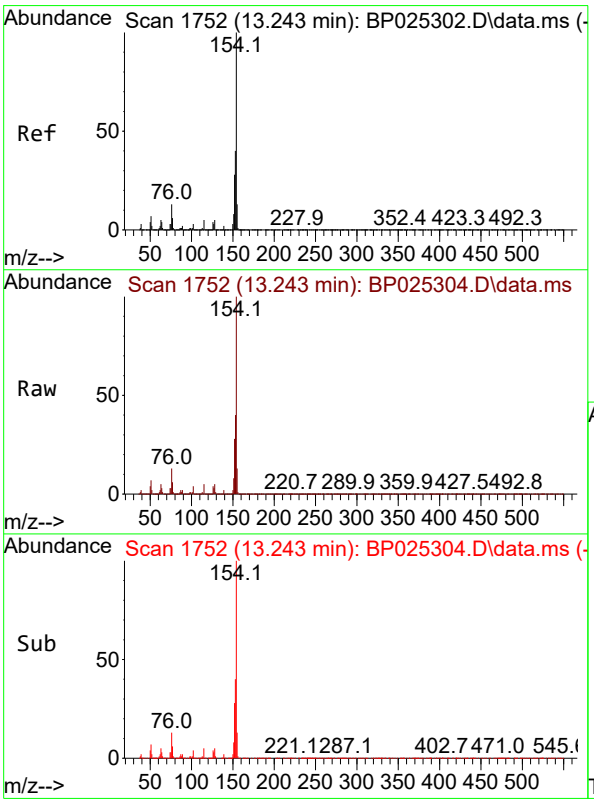
#45
2-Fluorobiphenyl
Concen: 115.685 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5227983

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	18.9	28.3

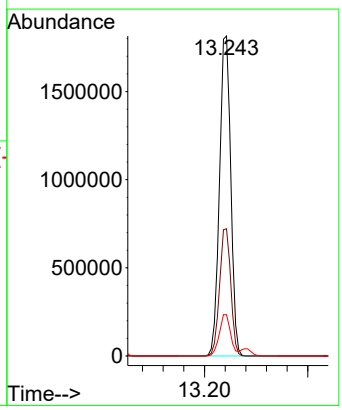


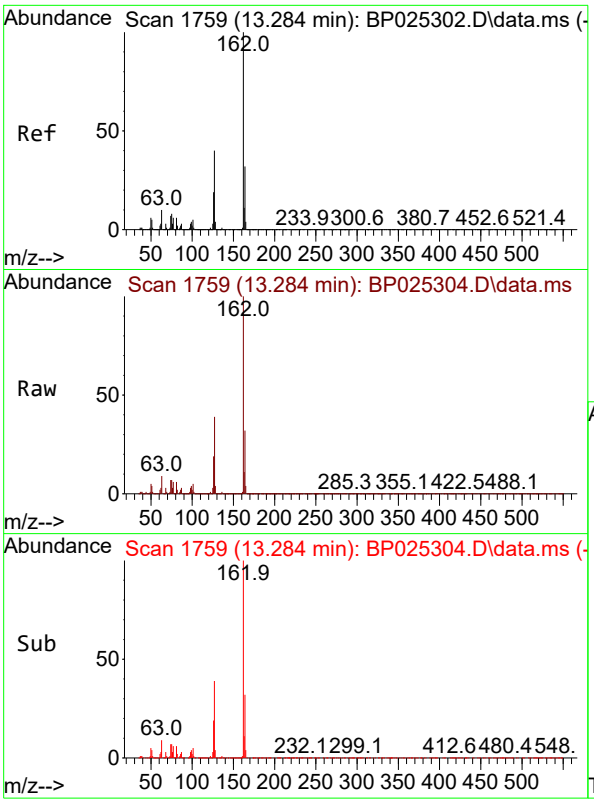


#46
1,1'-Biphenyl
Concen: 59.180 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:154 Resp: 2736817

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.9	59.9
76	12.9	0.0	33.2



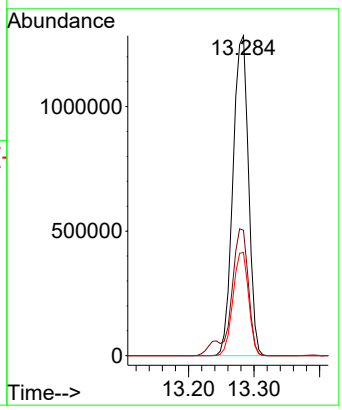


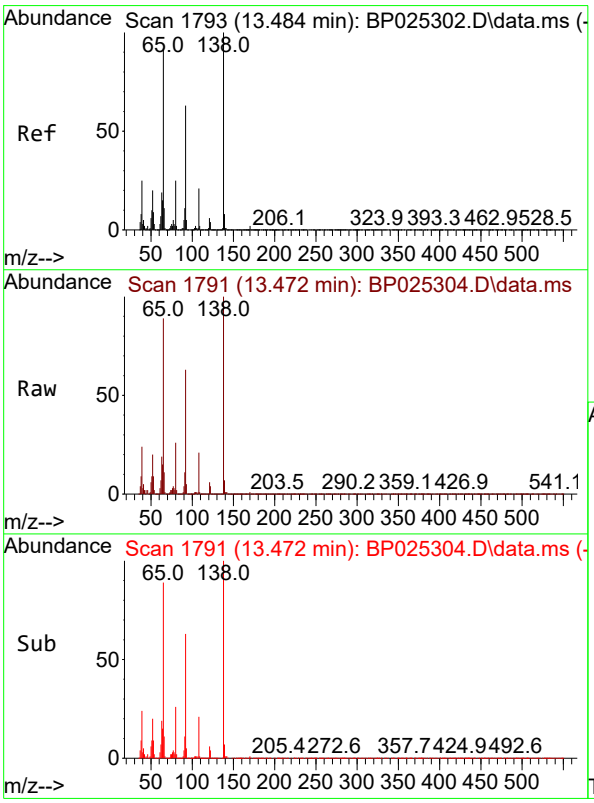
#47
2-Chloronaphthalene
Concen: 59.994 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2116700

Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.2
164	32.3	25.9	38.9

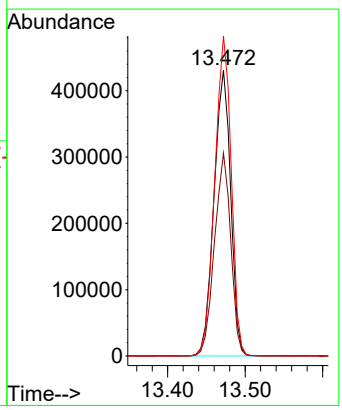


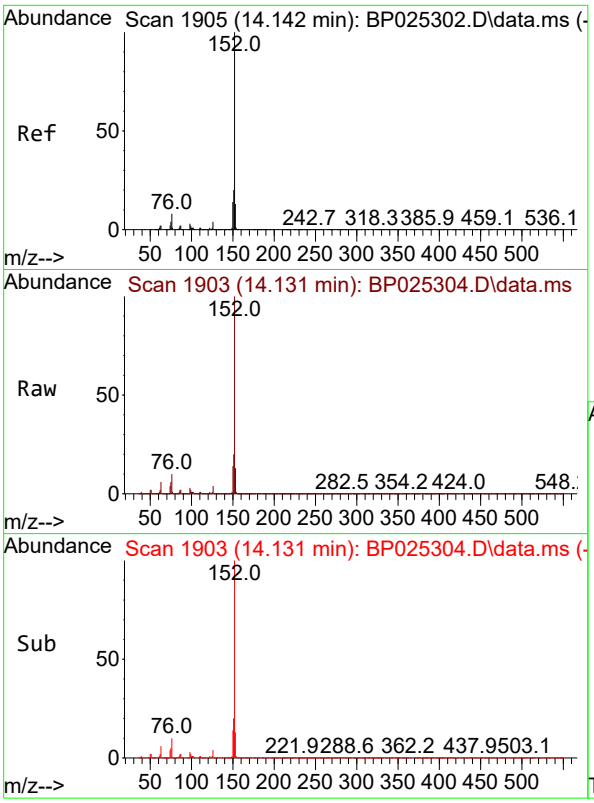


#48
2-Nitroaniline
Concen: 61.286 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 65 Resp: 642446

Ion	Ratio	Lower	Upper
65	100		
92	71.0	54.4	81.6
138	112.0	87.0	130.4



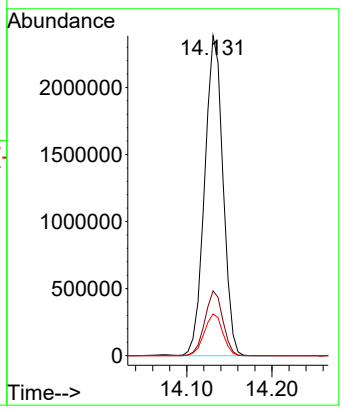


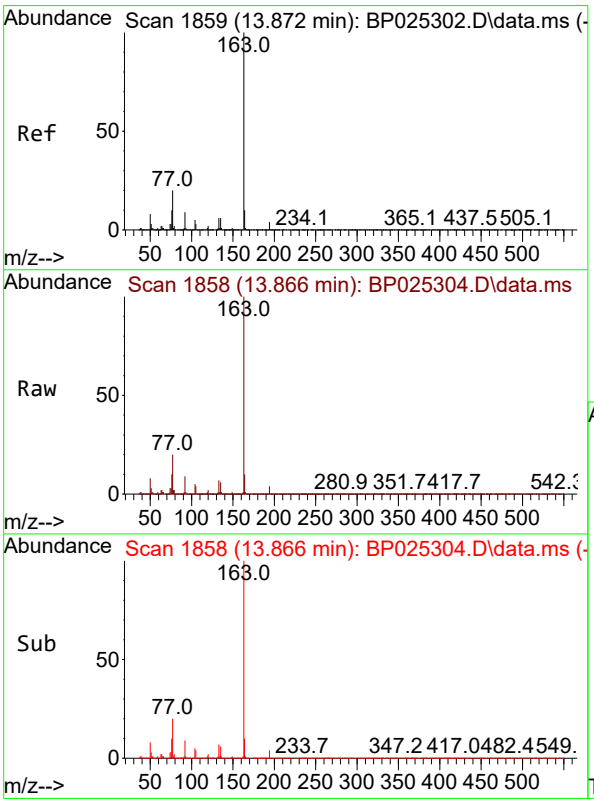
#49
Acenaphthylene
Concen: 60.462 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3558282

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.1	10.4	15.6

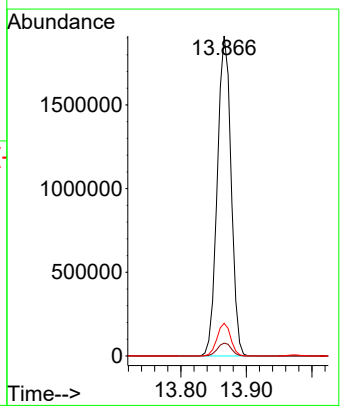


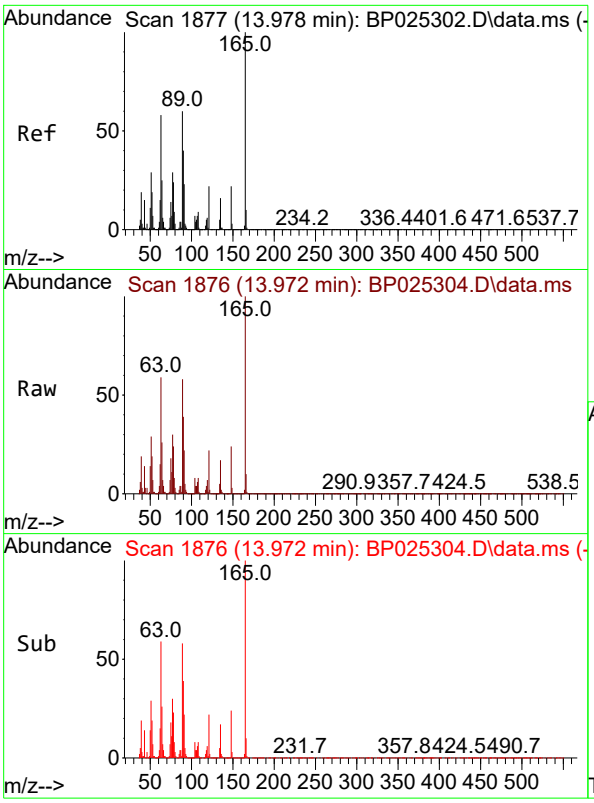


#50
Dimethylphthalate
Concen: 60.663 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:163 Resp: 2775097

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.0	12.0



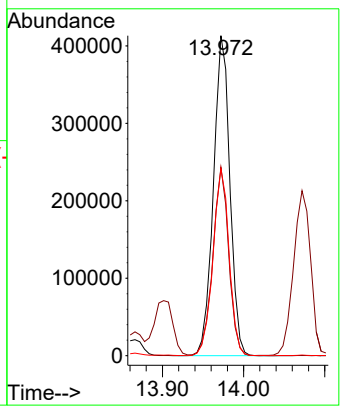


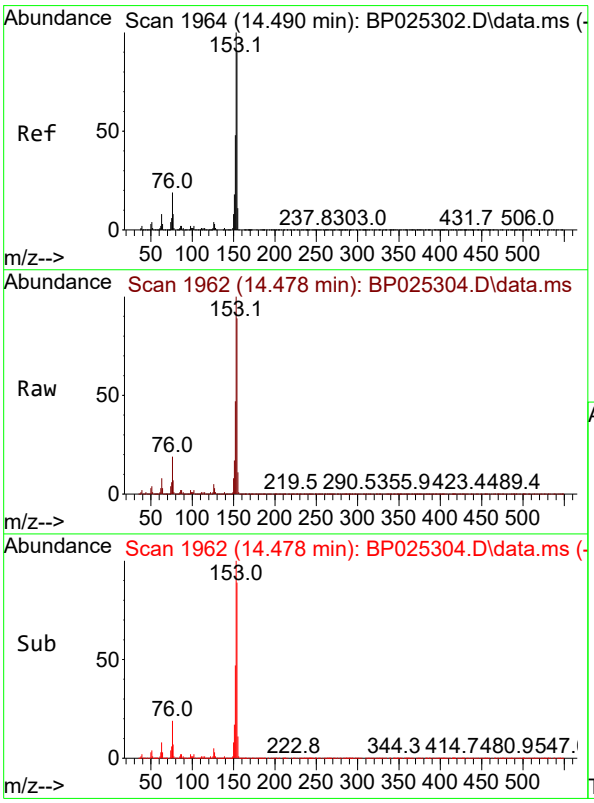
#51
2,6-Dinitrotoluene
Concen: 68.963 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 581905

Ion	Ratio	Lower	Upper
165	100		
63	58.9	47.6	71.4
89	58.5	47.8	71.8

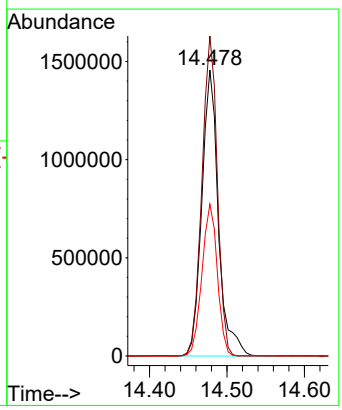


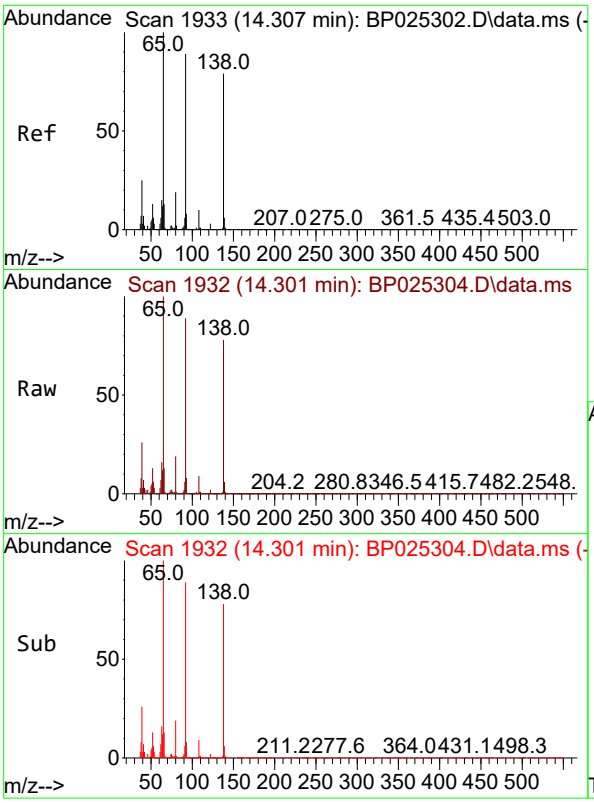


#52
Acenaphthene
Concen: 60.143 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:154 Resp: 2158962

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	53.1	43.0	64.6



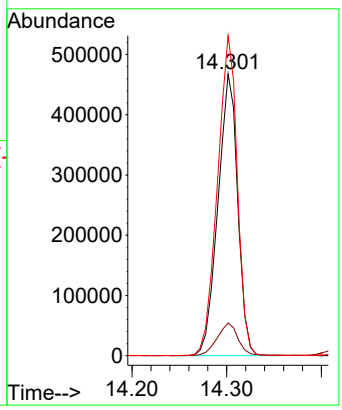


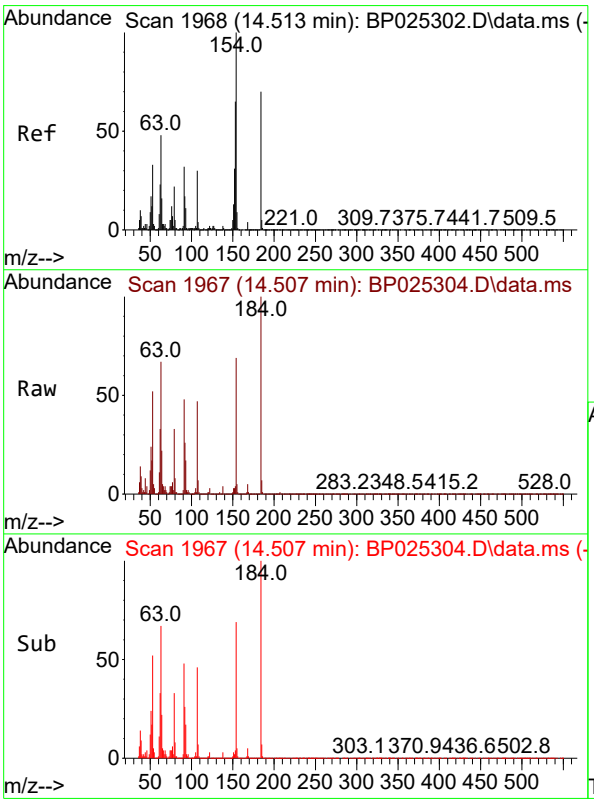
#53
3-Nitroaniline
Concen: 68.579 ng
RT: 14.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 677122

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	113.6	90.9	136.3

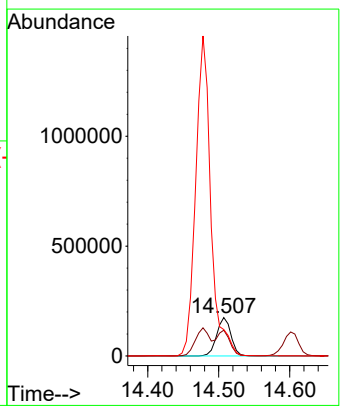


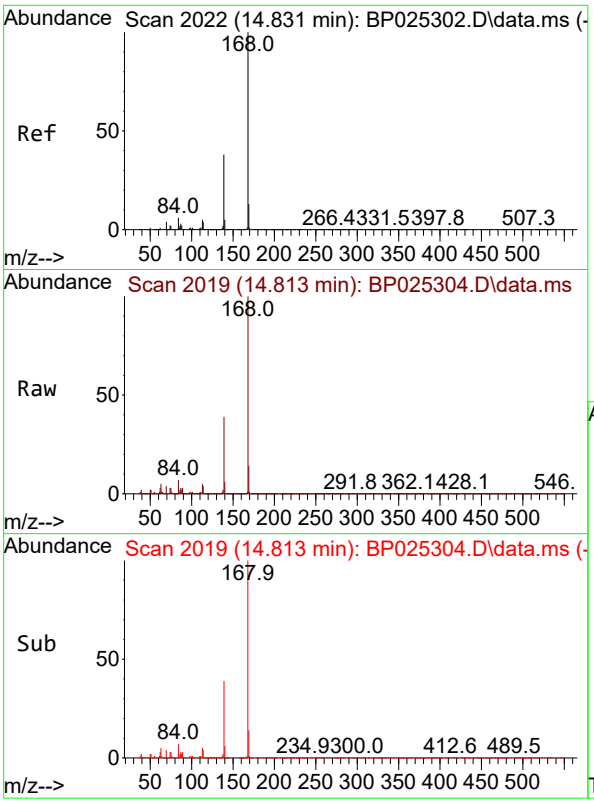


#54
2,4-Dinitrophenol
Concen: 60.748 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:184 Resp: 242217

Ion	Ratio	Lower	Upper
184	100		
63	67.0	56.3	84.5
154	68.8	124.5	186.7#



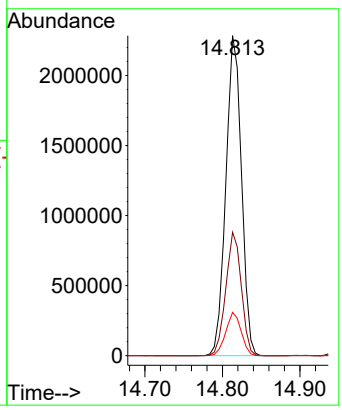


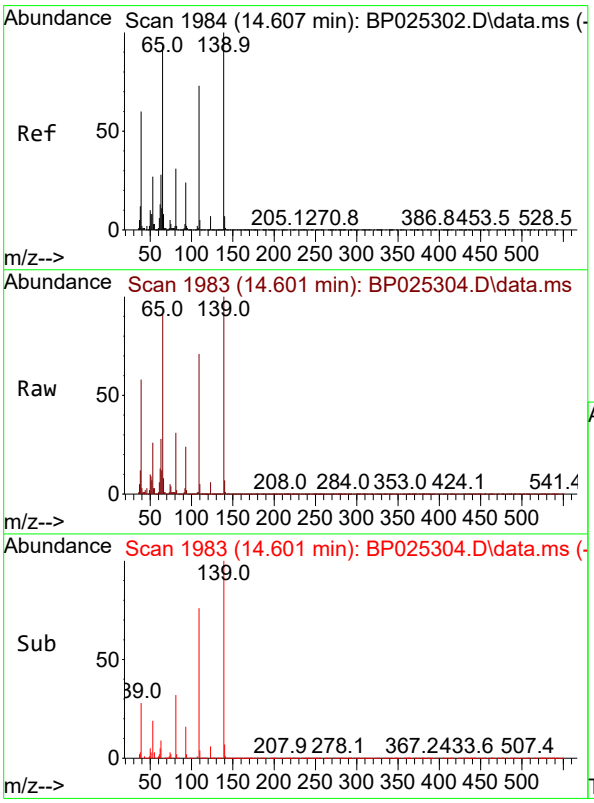
#55
Dibenzofuran
Concen: 59.657 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3200254

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.5	45.7
169	13.5	10.6	15.8

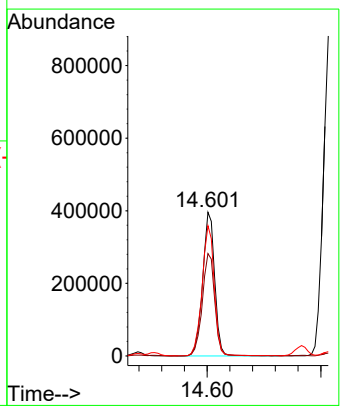


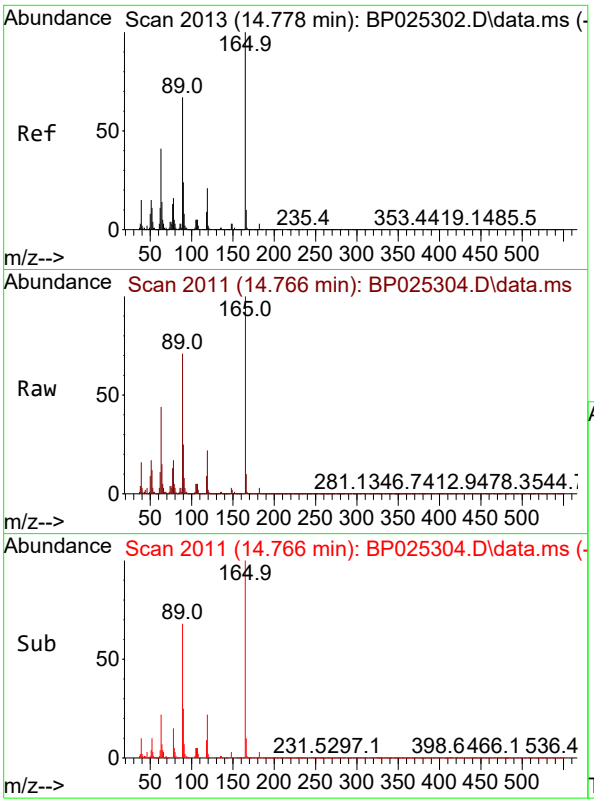


#56
4-Nitrophenol
Concen: 66.536 ng
RT: 14.601 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:139 Resp: 579797

Ion	Ratio	Lower	Upper
139	100		
109	71.3	52.7	92.7
65	90.7	73.4	113.4



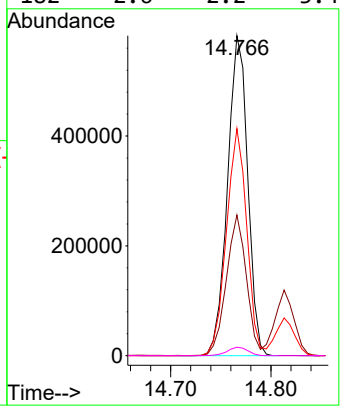


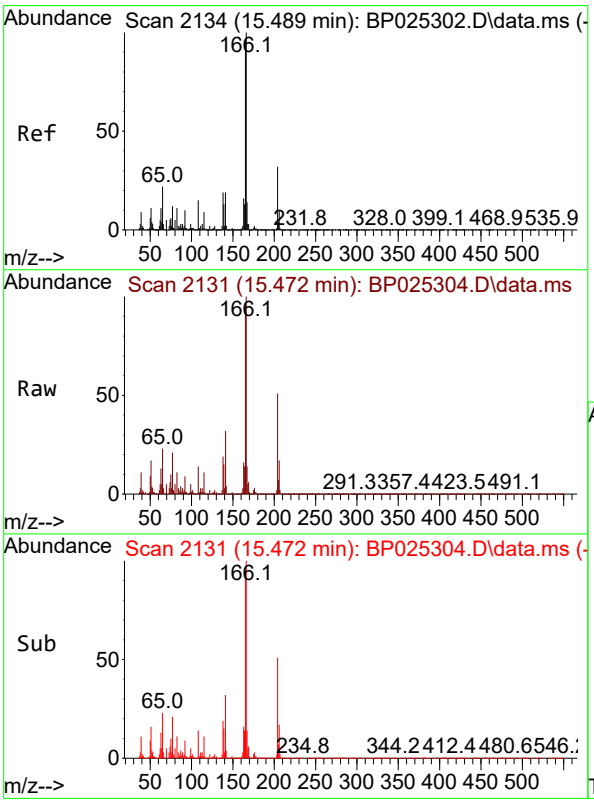
#57
2,4-Dinitrotoluene
Concen: 61.234 ng
RT: 14.766 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 813557

Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.2	49.8
89	71.0	53.5	80.3
182	2.6	2.2	3.4

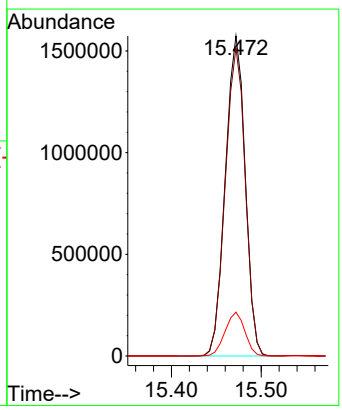


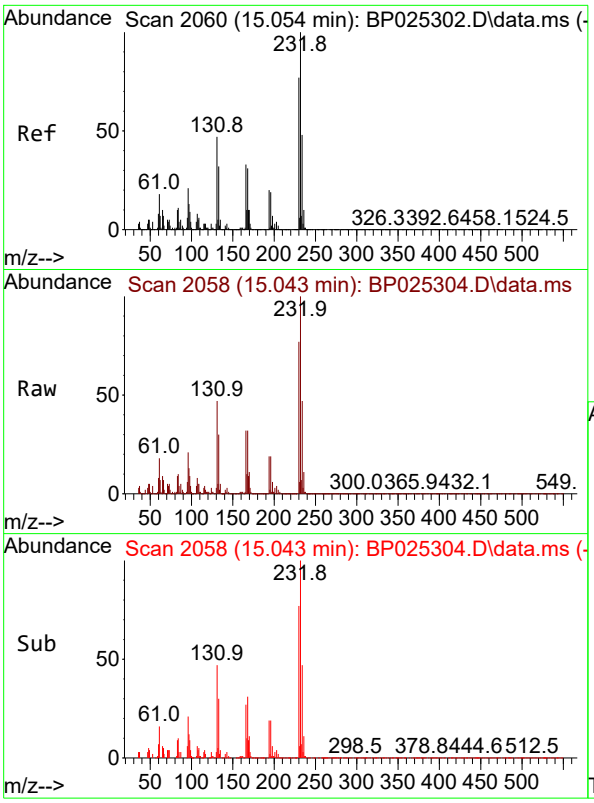


#58
Fluorene
Concen: 57.390 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:166 Resp: 2418012

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.7	115.1
167	13.7	10.9	16.3



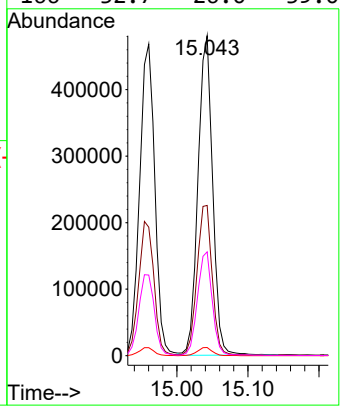


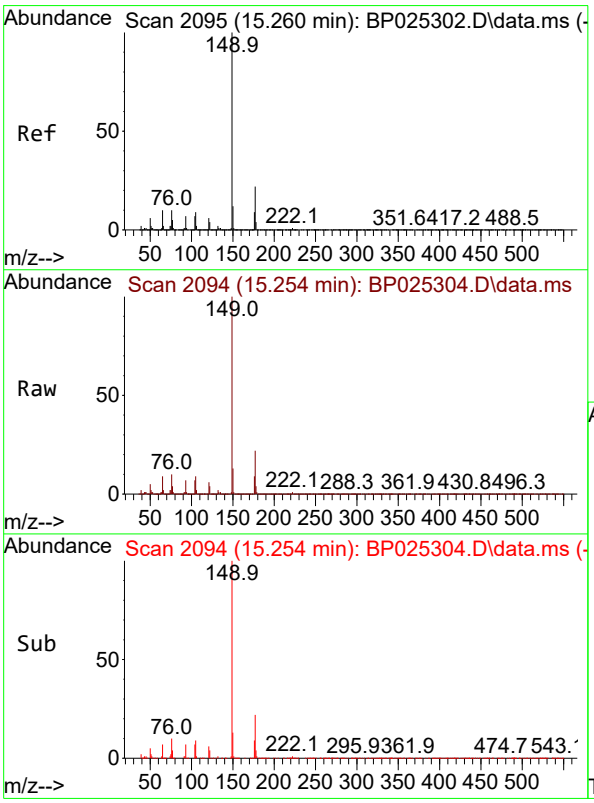
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.118 ng
RT: 15.043 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 689750

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0

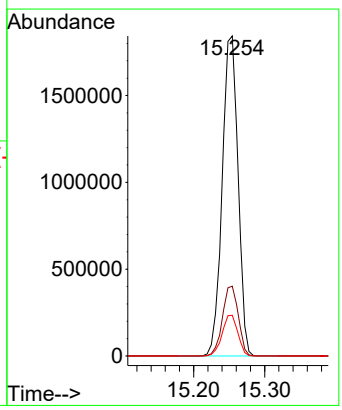


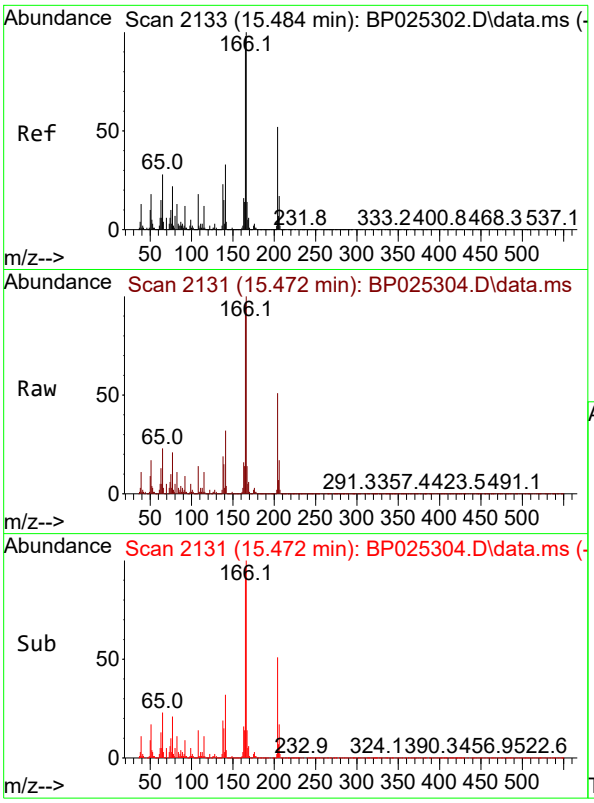


#60
Diethylphthalate
Concen: 61.567 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 2839454

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.7	9.8	14.8



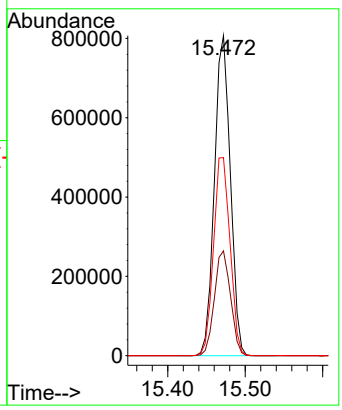


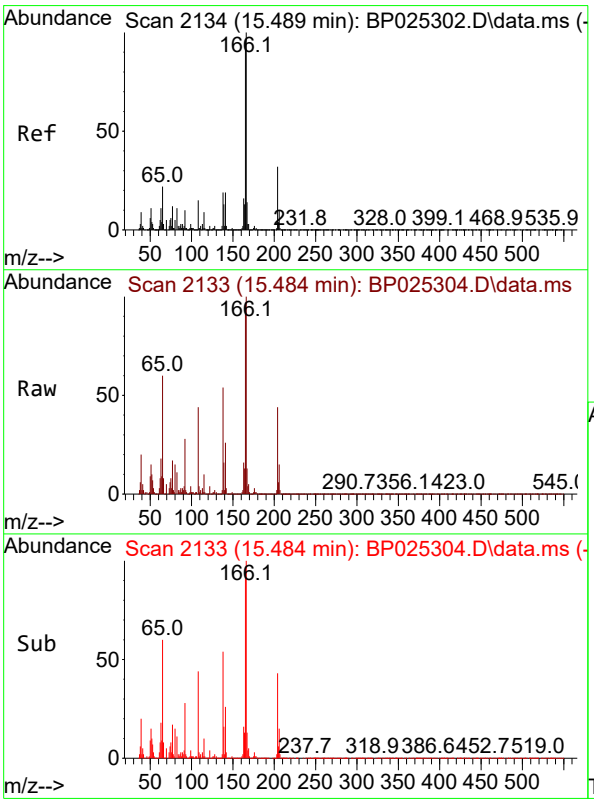
#61
4-Chlorophenyl-phenylether
Concen: 57.895 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1156422

Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.0	40.4
141	61.9	50.3	75.5

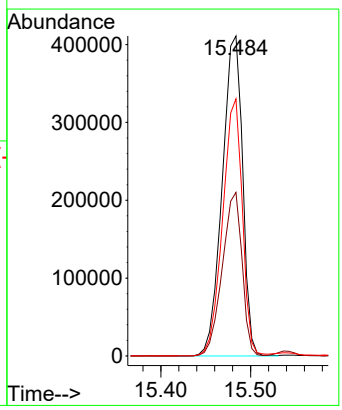


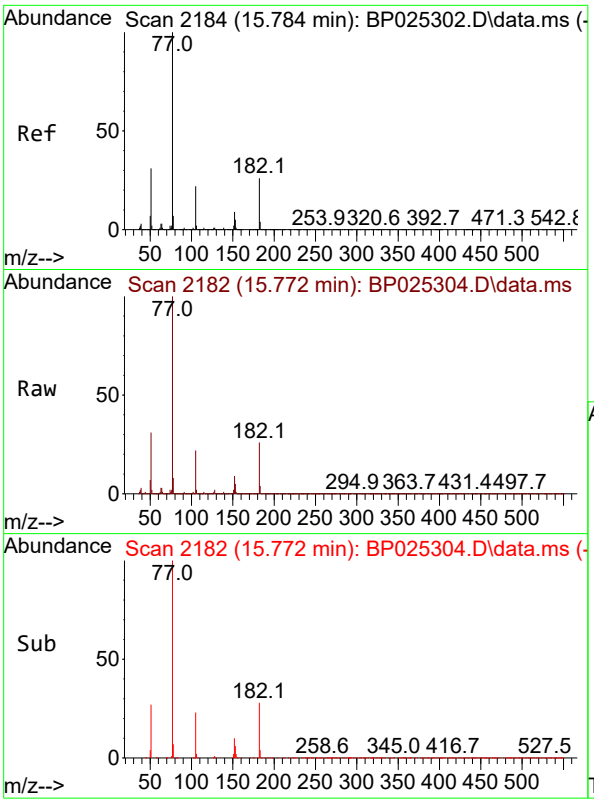


#62
4-Nitroaniline
Concen: 66.228 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:138 Resp: 647932

Ion	Ratio	Lower	Upper
138	100		
92	51.1	29.8	69.8
108	80.3	56.6	96.6



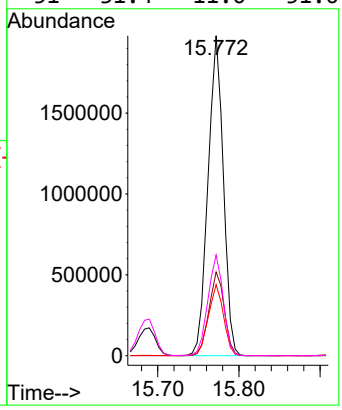


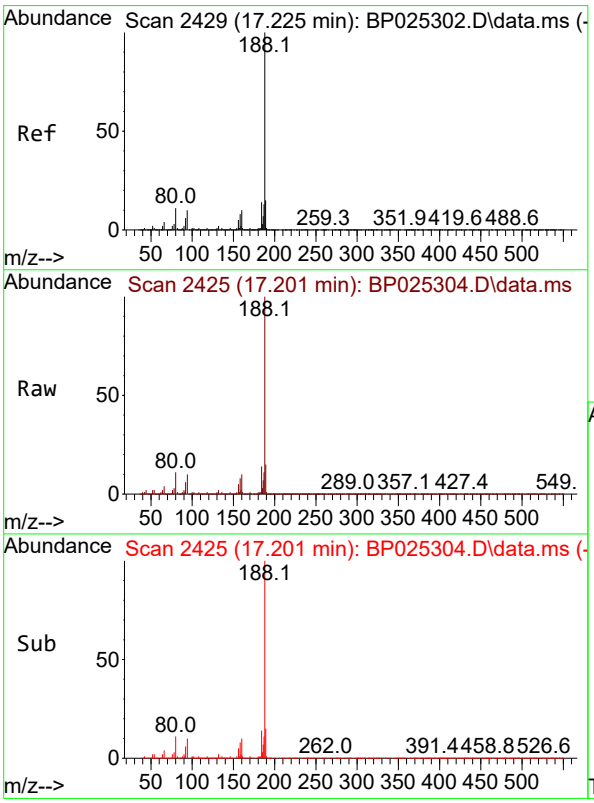
#63
Azobenzene
Concen: 60.449 ng
RT: 15.772 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2589928

Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.0	46.0
105	22.2	2.1	42.1
51	31.4	11.0	51.0

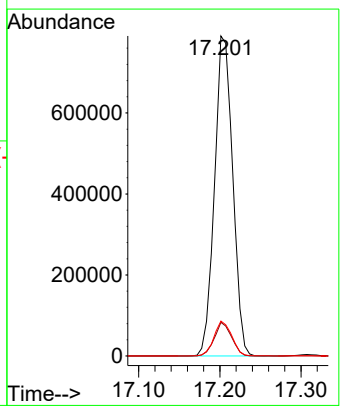


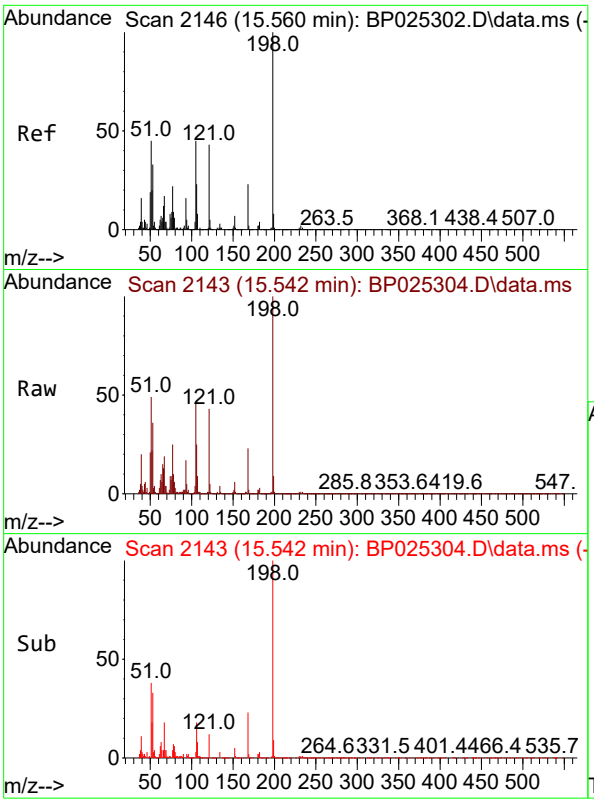


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:188 Resp: 1230027

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	10.9	8.5	12.7



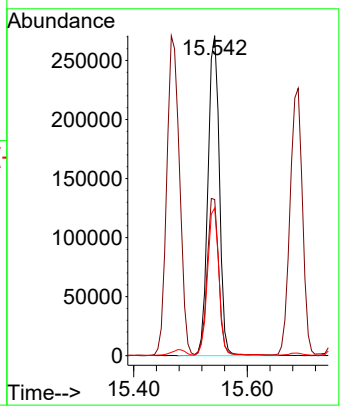


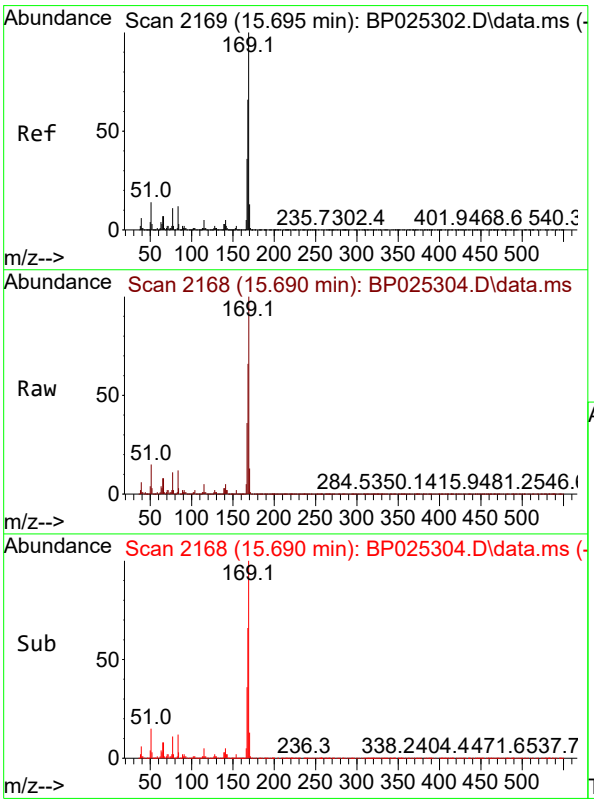
#65
4,6-Dinitro-2-methylphenol
Concen: 62.146 ng
RT: 15.542 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 375536

Ion	Ratio	Lower	Upper
198	100		
51	48.8	26.7	66.7
105	46.2	25.6	65.6

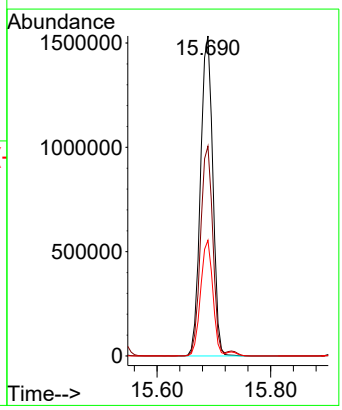


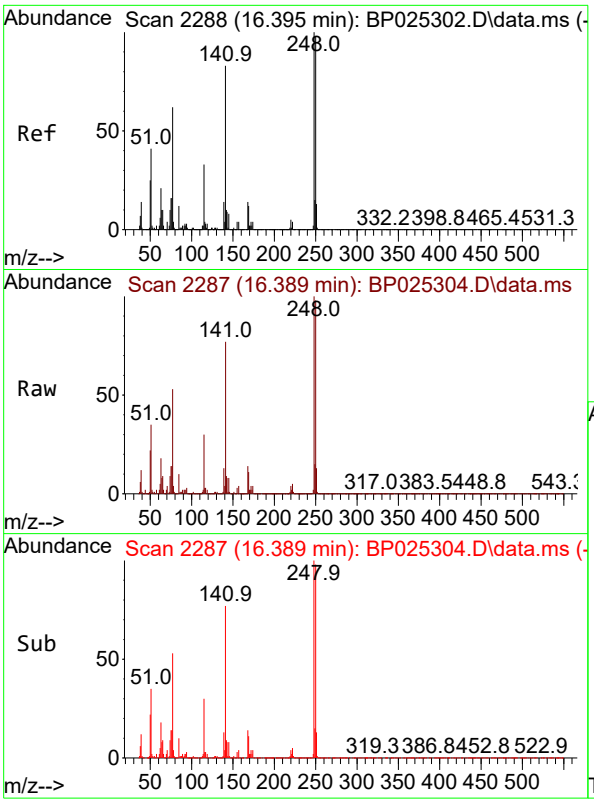


#66
n-Nitrosodiphenylamine
Concen: 61.440 ng
RT: 15.690 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:169 Resp: 2301050

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.8	79.2
167	36.2	28.5	42.7



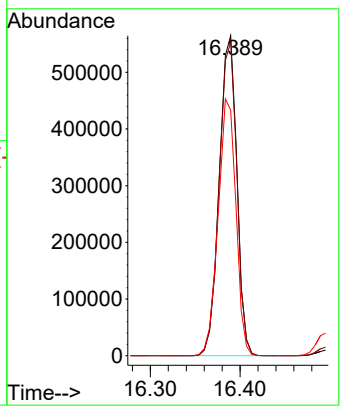


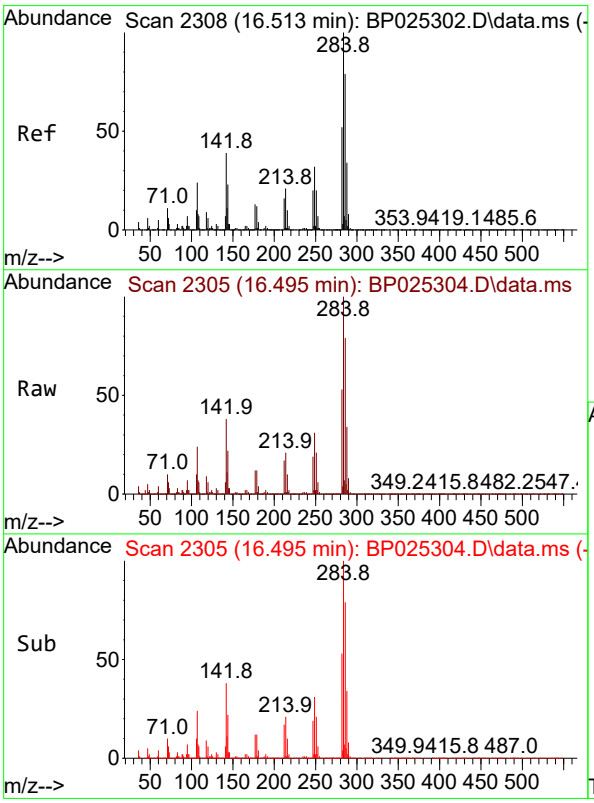
#67
4-Bromophenyl-phenylether
Concen: 62.130 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 768935

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	76.8	66.6	99.8

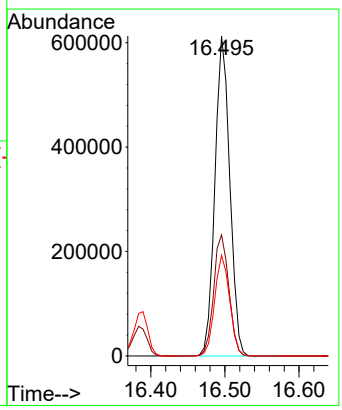


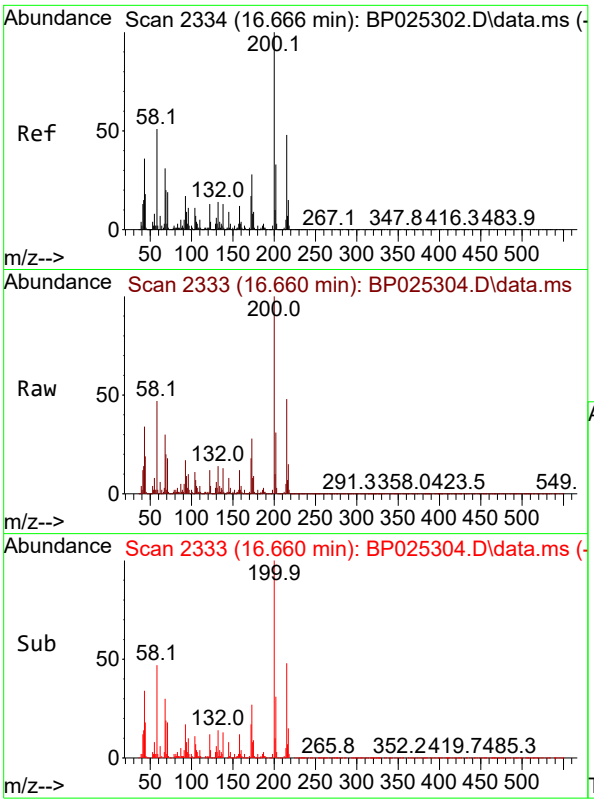


#68
Hexachlorobenzene
Concen: 61.343 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:284 Resp: 851862

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.8	46.2
249	31.4	25.4	38.0



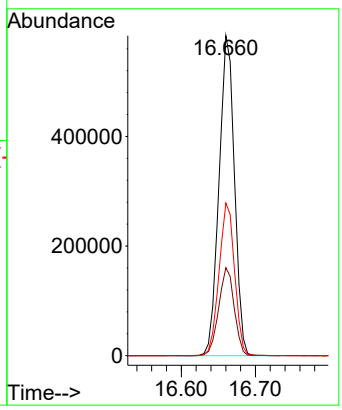


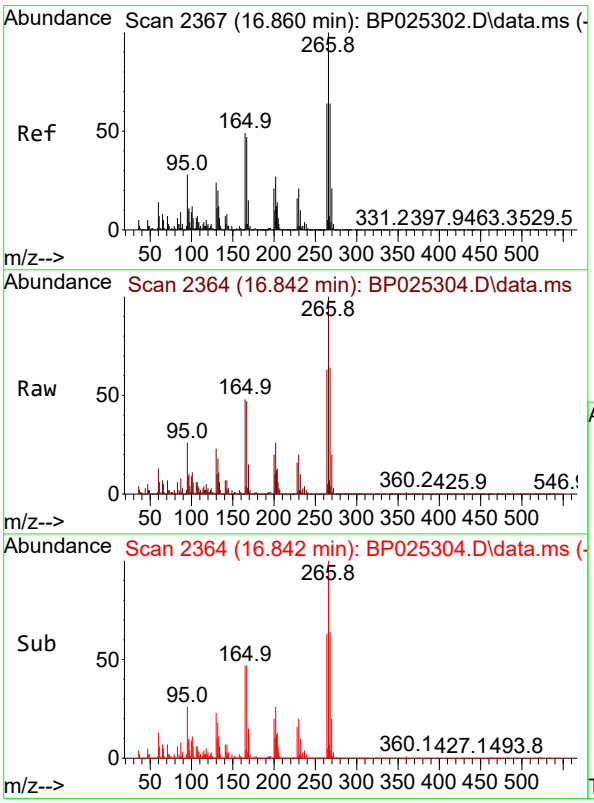
#69
Atrazine
Concen: 64.112 ng
RT: 16.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 844409

Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.2	48.2
215	47.7	28.1	68.1

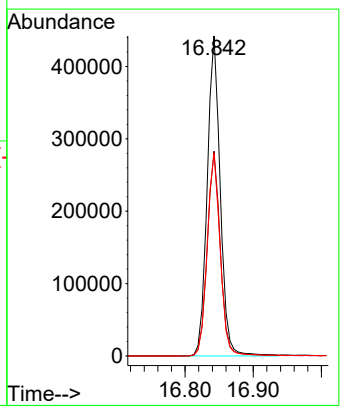


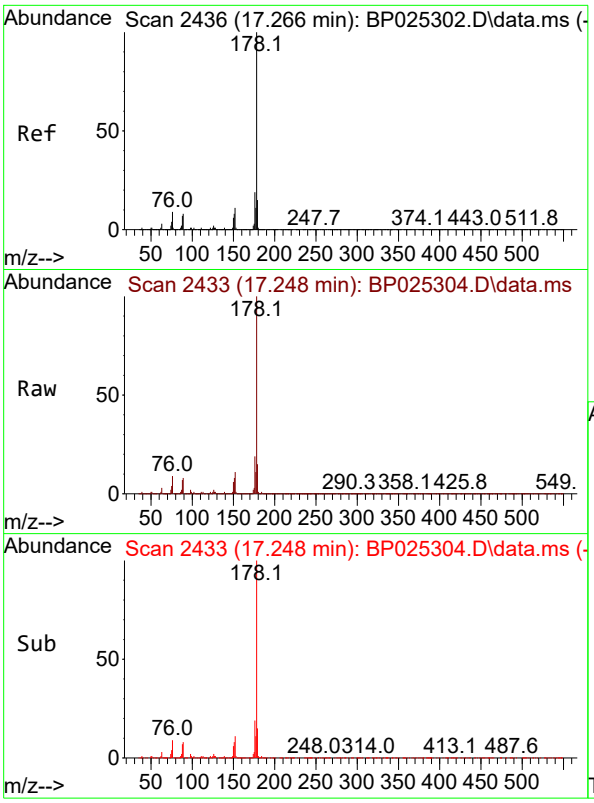


#70
Pentachlorophenol
Concen: 66.613 ng
RT: 16.842 min Scan# 2364
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:266 Resp: 589352

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	63.3	51.1	76.7



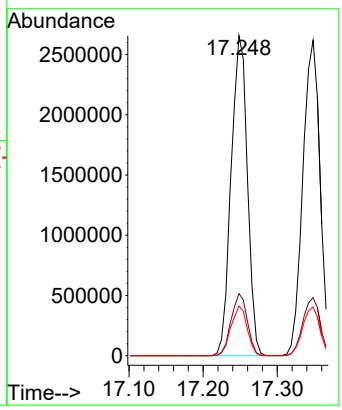


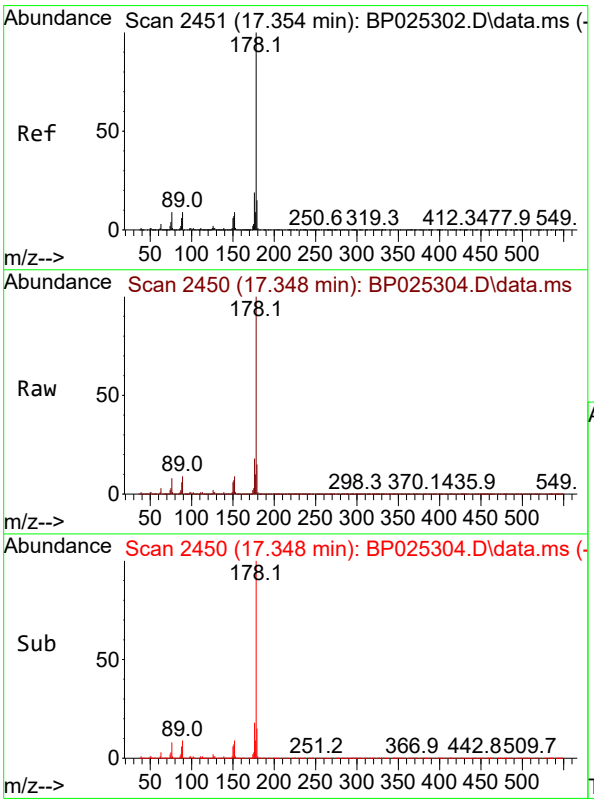
#71
Phenanthrene
Concen: 60.079 ng
RT: 17.248 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4047515

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.1	18.1

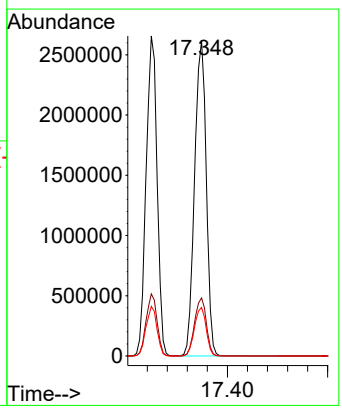


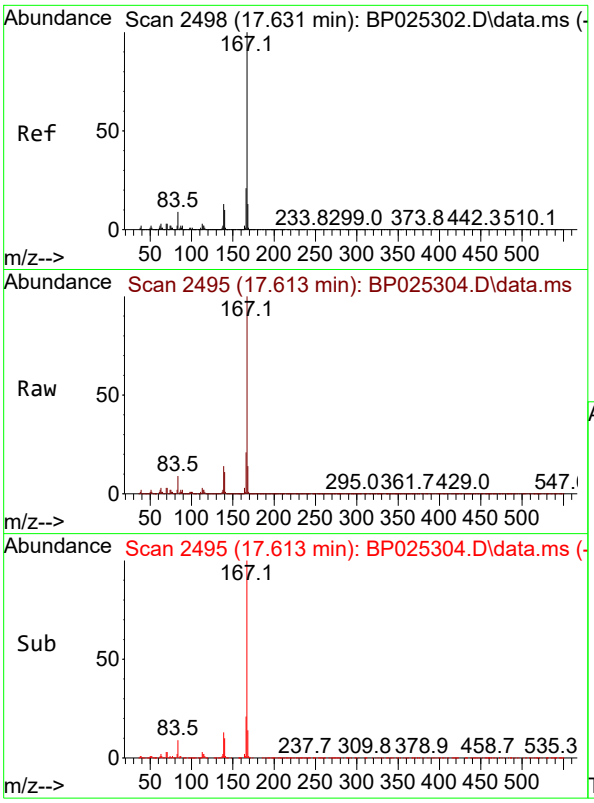


#72
Anthracene
Concen: 62.075 ng
RT: 17.348 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:178 Resp: 4216676

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.3	18.5



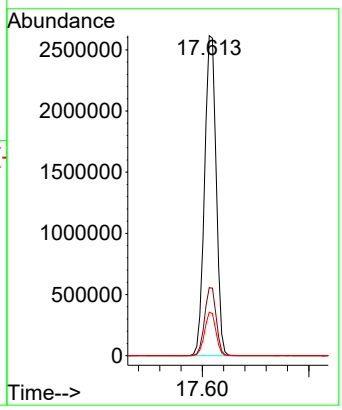


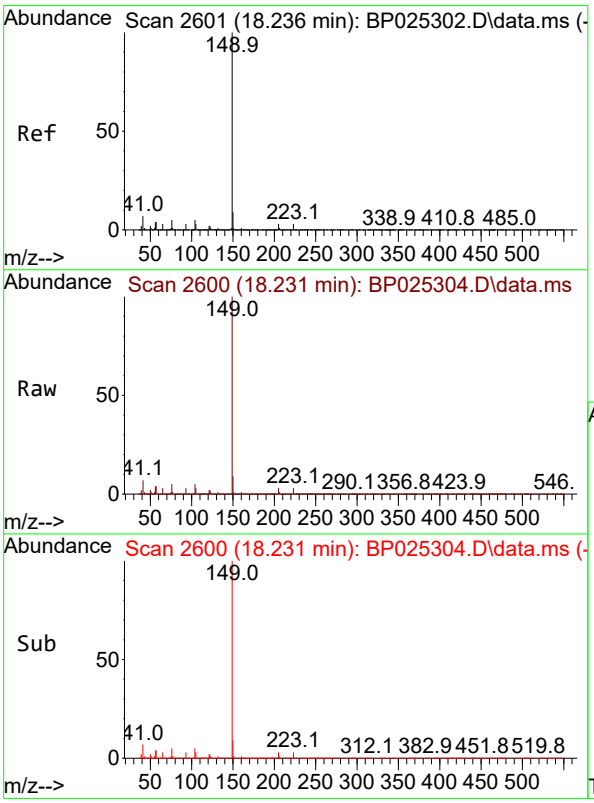
#73
Carbazole
Concen: 60.358 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3935735

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.6	10.6	16.0

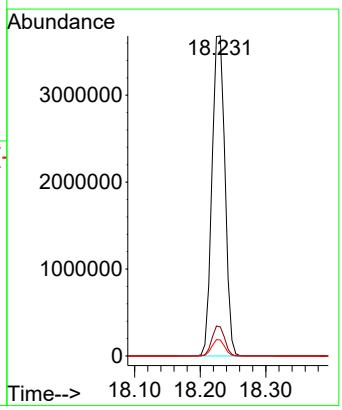


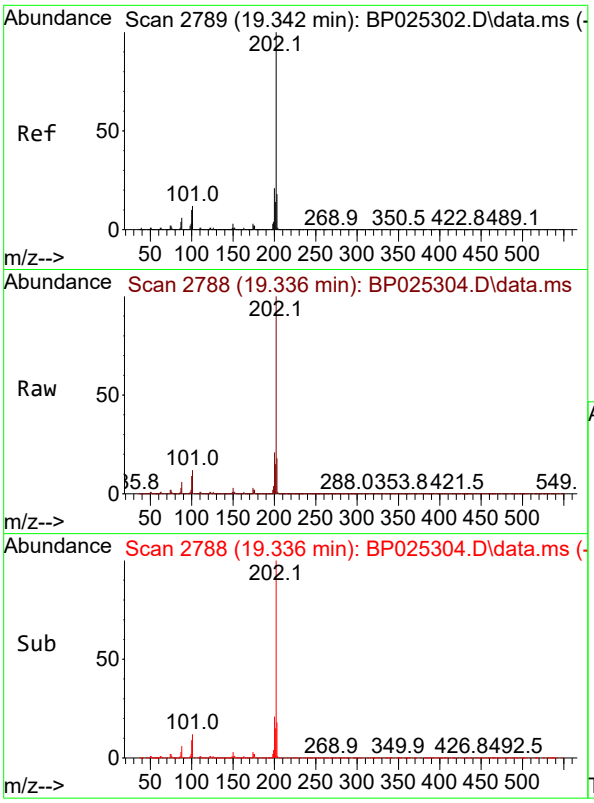


#74
Di-n-butylphthalate
Concen: 64.043 ng
RT: 18.231 min Scan# 2600
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 5052062

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	4.1	6.1



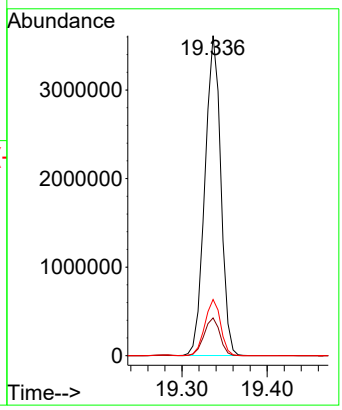


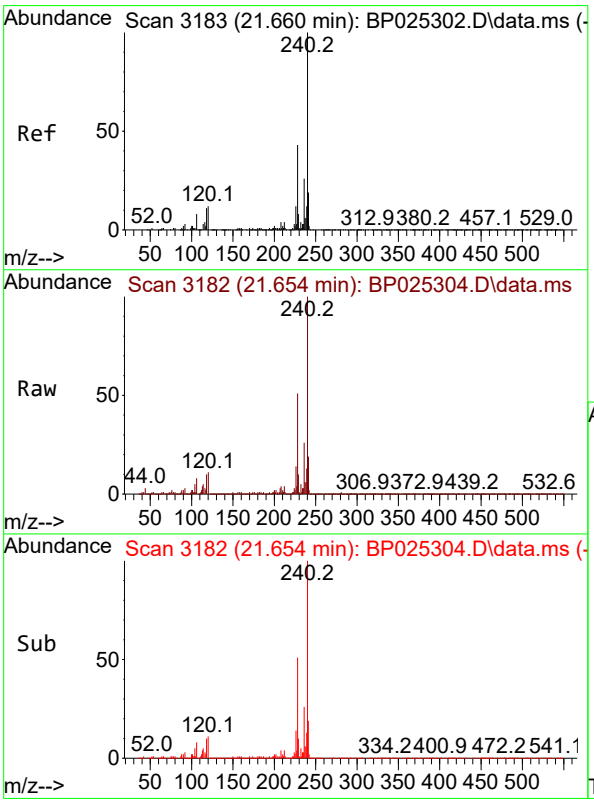
#75
Fluoranthene
Concen: 59.989 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4678502

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.5
203	17.6	0.0	37.6

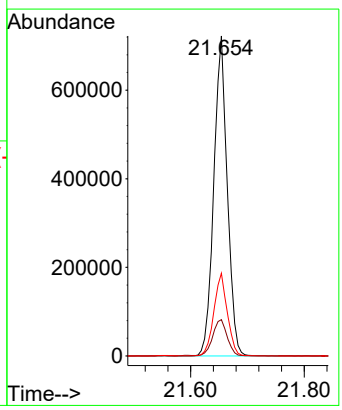


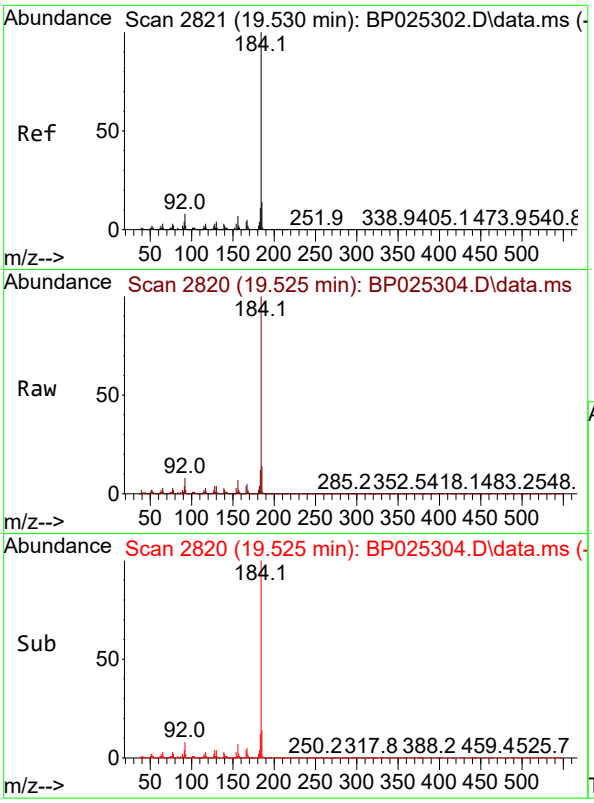


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:240 Resp: 1185485

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	25.9	20.4	30.6



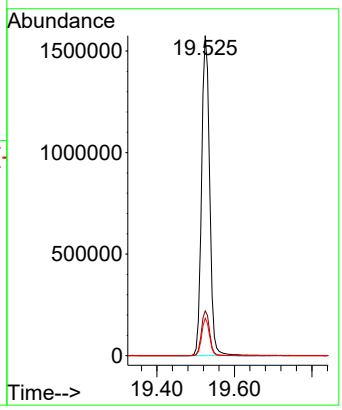


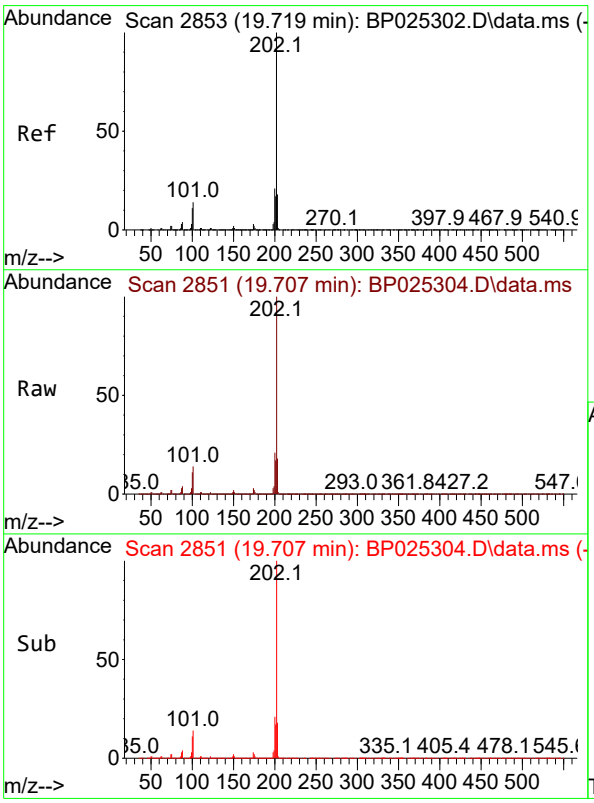
#77
Benzidine
Concen: 53.219 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2283507

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.6
183	11.7	9.2	13.8

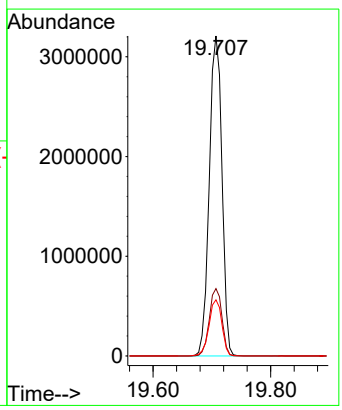


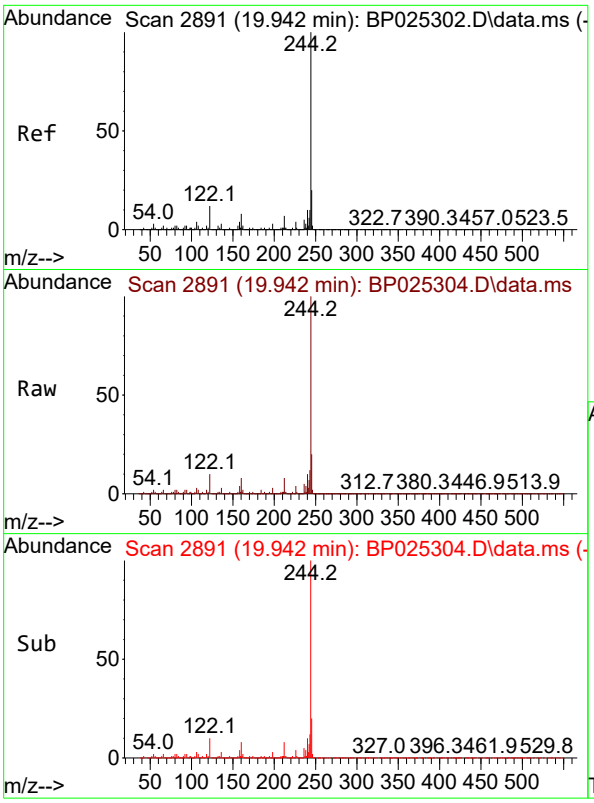


#78
Pyrene
Concen: 60.822 ng
RT: 19.707 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:202 Resp: 4794722

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.6	14.1	21.1



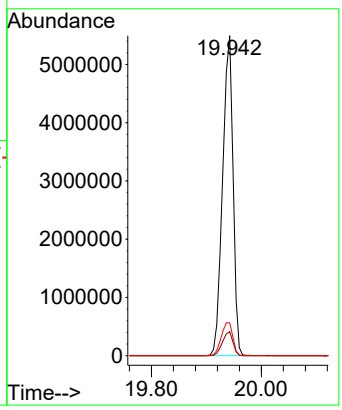


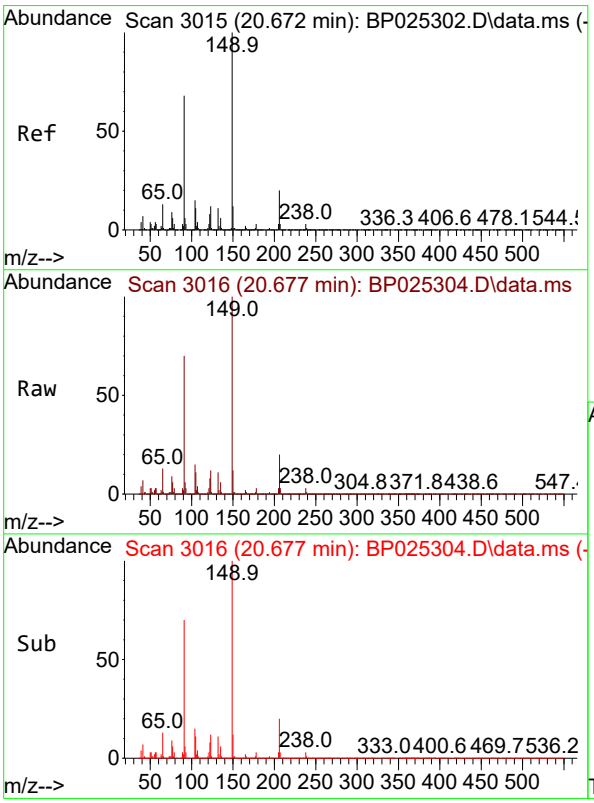
#79
Terphenyl-d14
Concen: 115.259 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 7232677

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.3	9.5	14.3

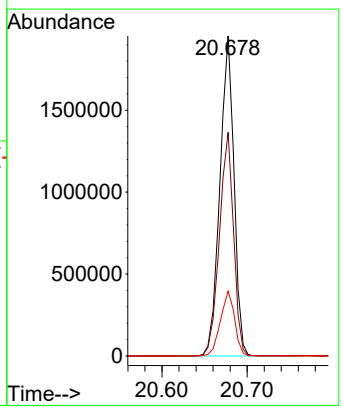


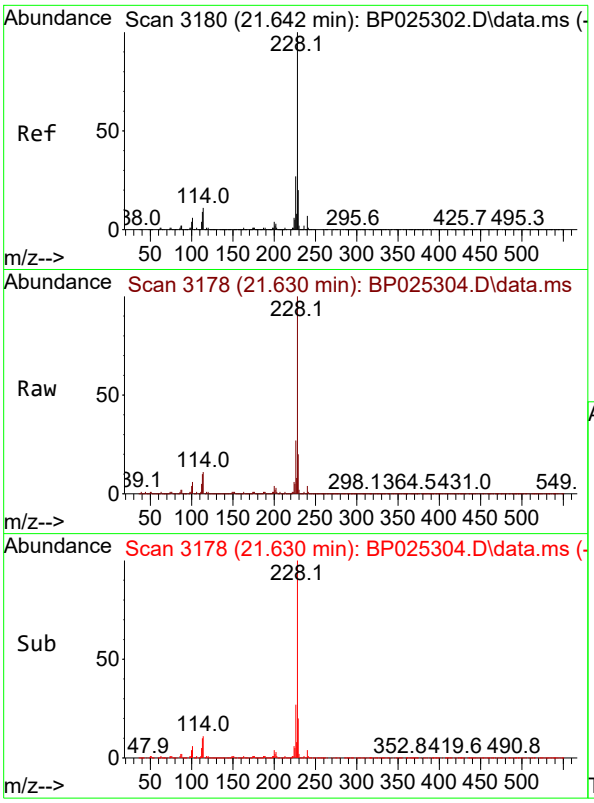


#80
Butylbenzylphthalate
Concen: 70.246 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 2245879

Ion	Ratio	Lower	Upper
149	100		
91	69.9	54.7	82.1
206	20.3	16.4	24.6



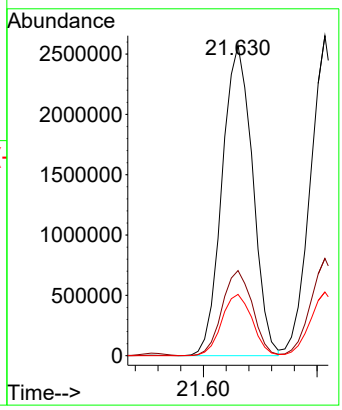


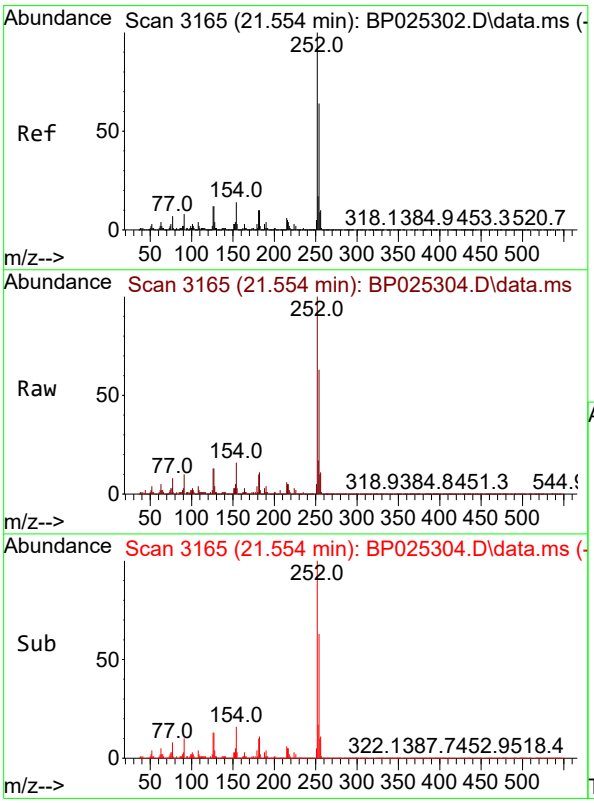
#81
Benzo(a)anthracene
Concen: 60.895 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4797252

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	16.0	24.0

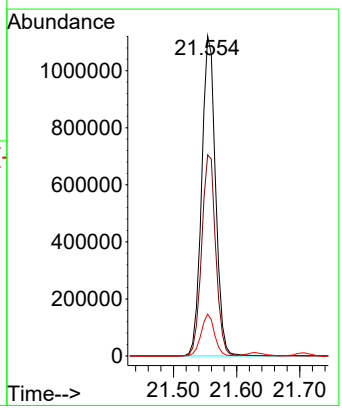


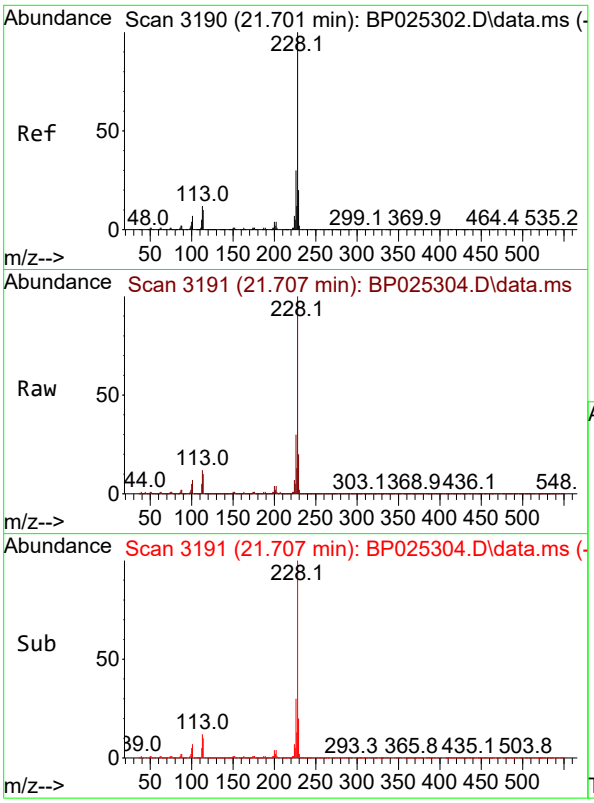


#82
3,3'-Dichlorobenzidine
Concen: 61.593 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 1711974

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.0	76.6
126	13.1	9.4	14.2



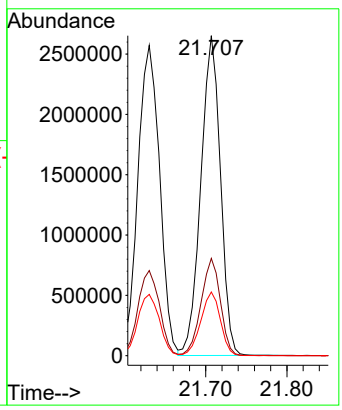


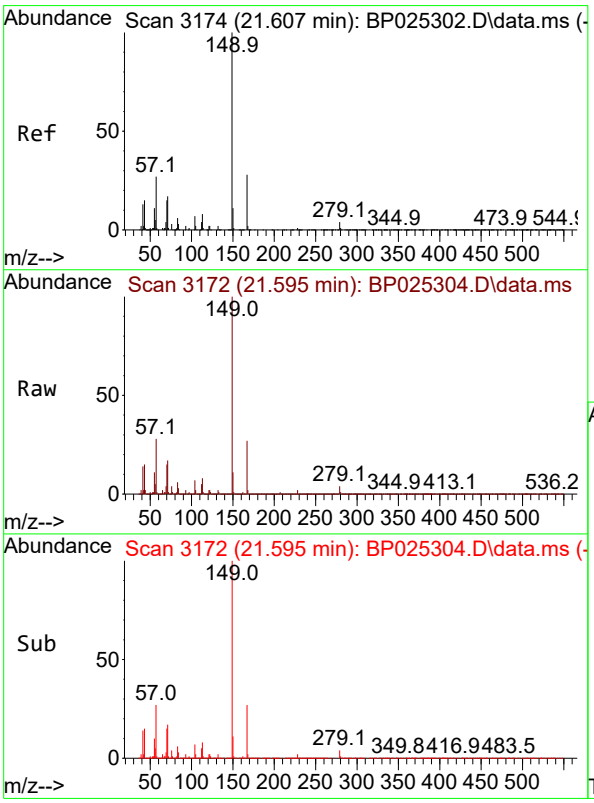
#83
Chrysene
Concen: 60.859 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4446807

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.9	15.9	23.9

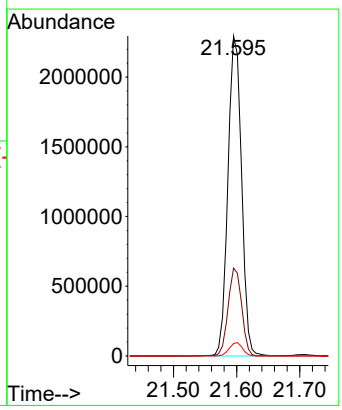


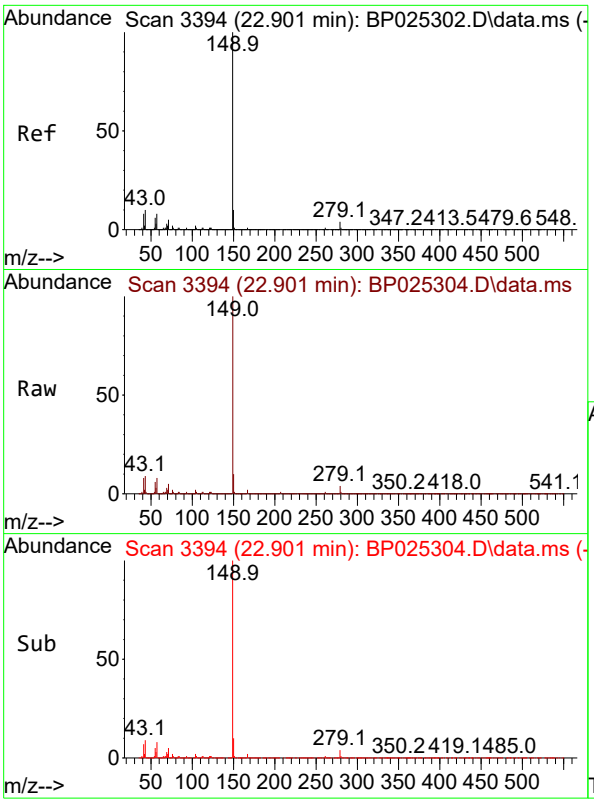


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.236 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 3432511

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	3.9	3.4	5.2



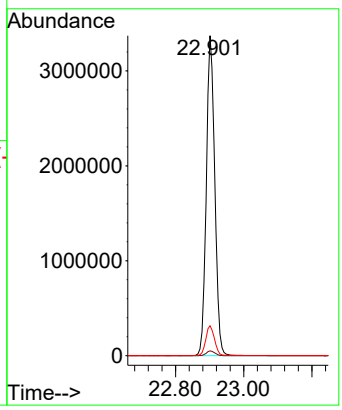


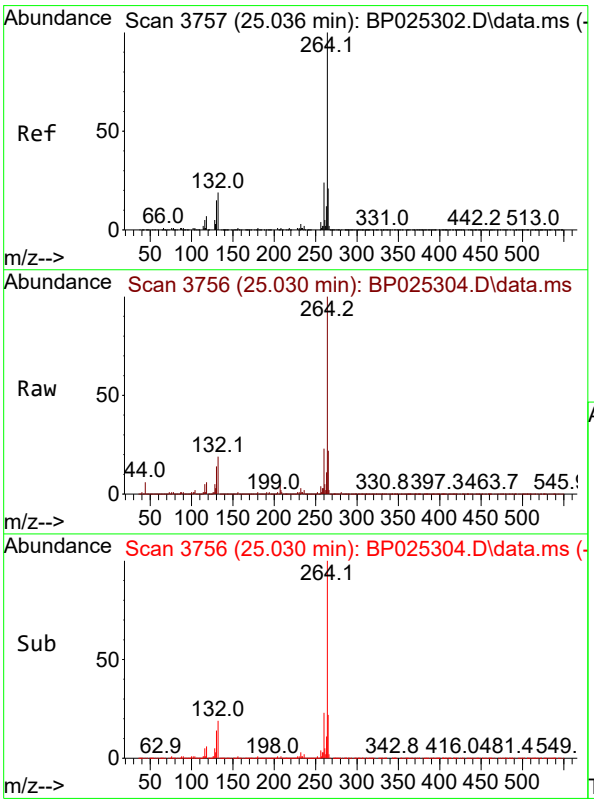
#85
Di-n-octyl phthalate
Concen: 67.988 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 5809639

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.9	11.9

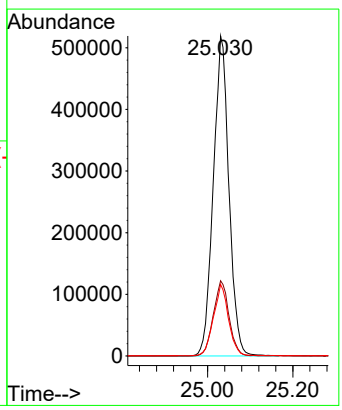


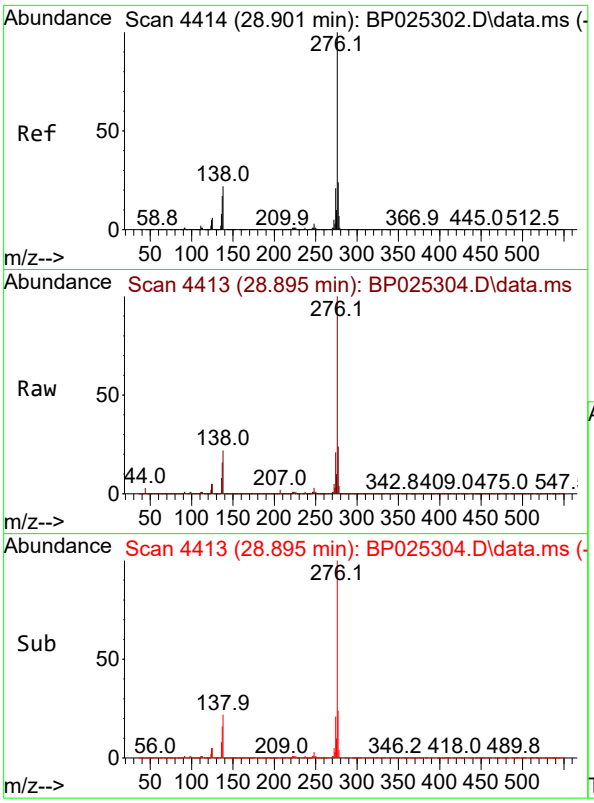


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:264 Resp: 1319773

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.1	25.7



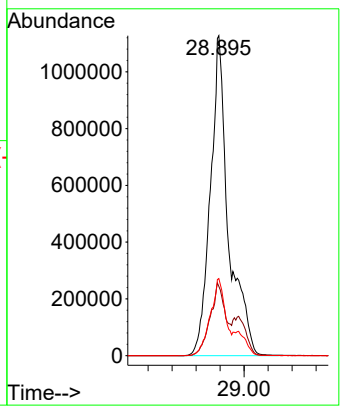


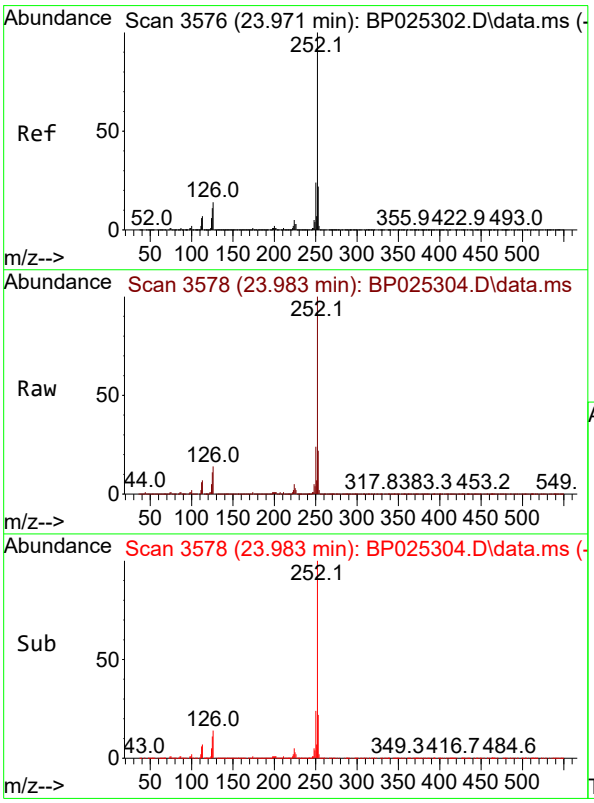
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.446 ng
RT: 28.895 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 5916006

Ion	Ratio	Lower	Upper
276	100		
138	19.7	14.6	22.0
277	20.0	16.8	25.2

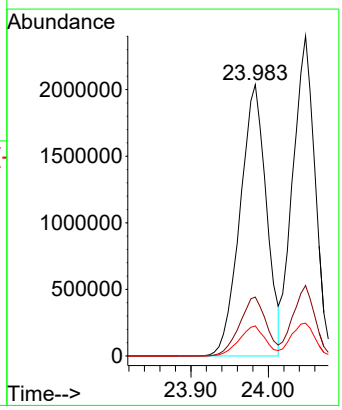


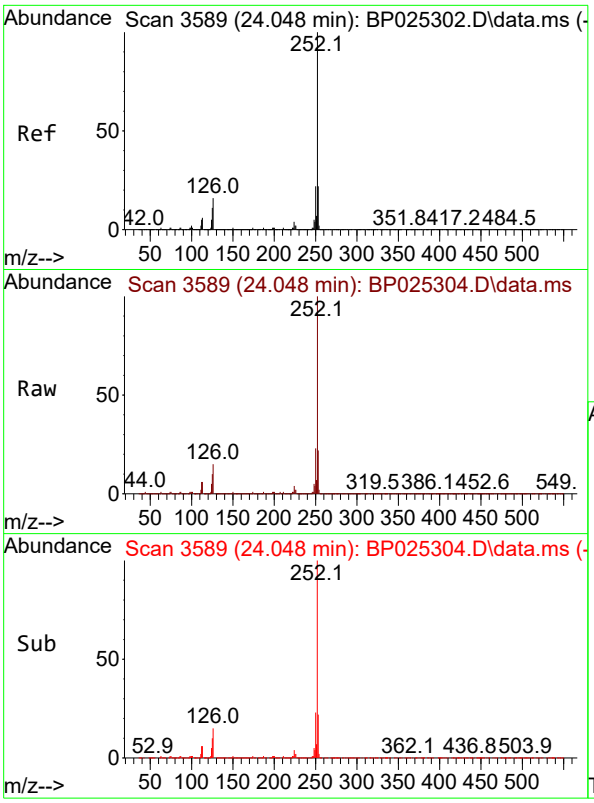


#88
Benzo(b)fluoranthene
Concen: 61.005 ng
RT: 23.983 min Scan# 3578
Delta R.T. 0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 4819606

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.1	8.5	12.7



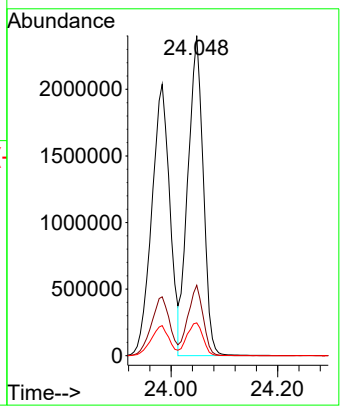


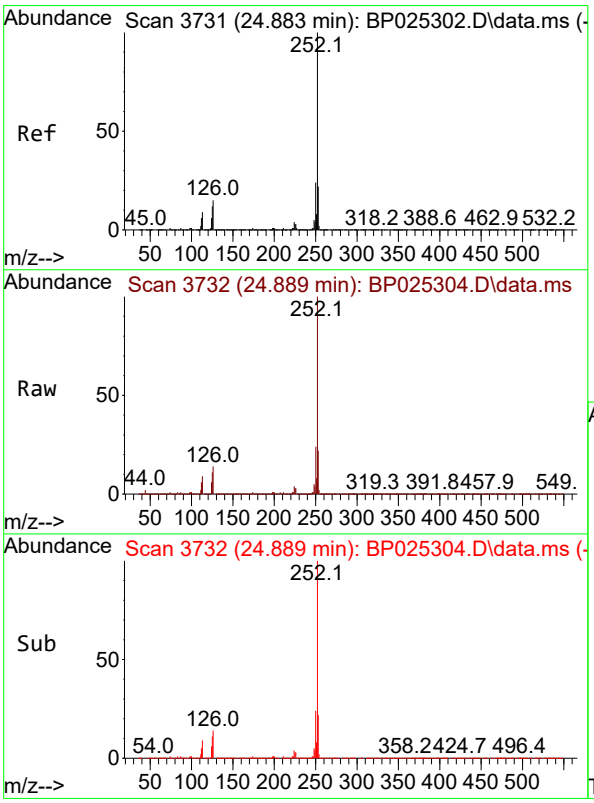
#89
Benzo(k)fluoranthene
Concen: 61.158 ng
RT: 24.048 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 4789778

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	8.5	12.7

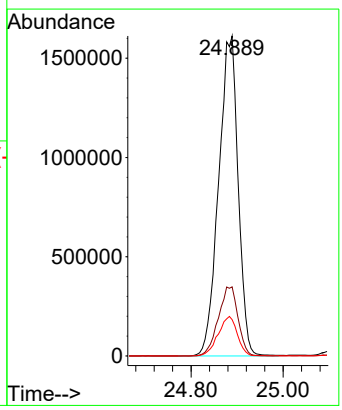


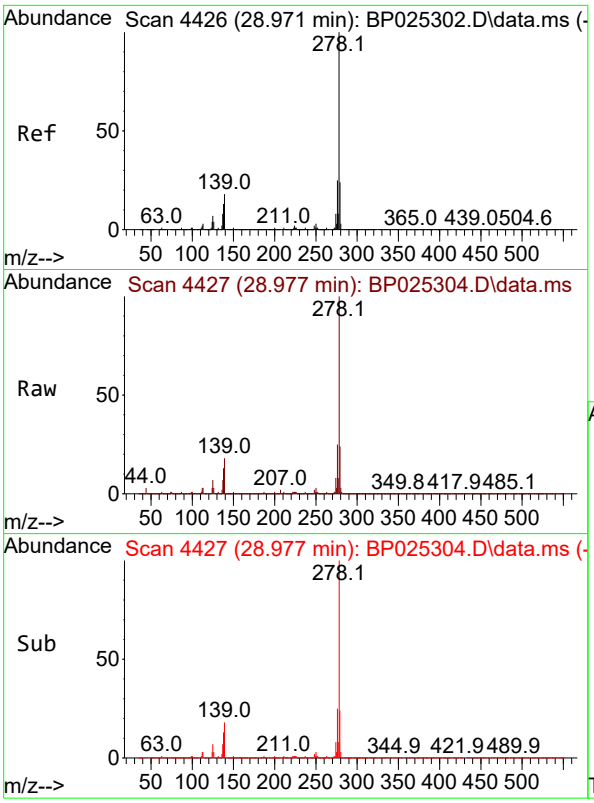


#90
Benzo(a)pyrene
Concen: 61.936 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 4712258

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.4	9.4	14.0



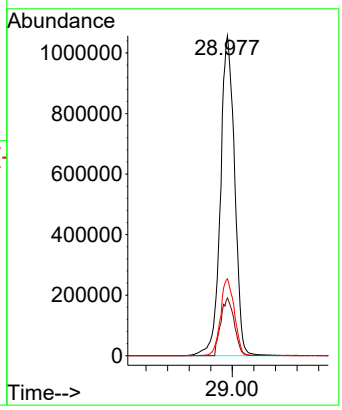


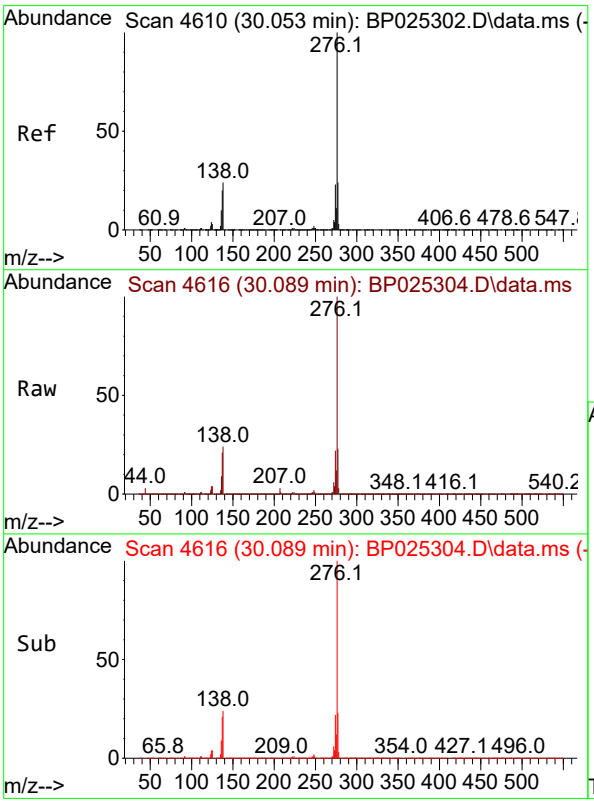
#91
Dibenzo(a,h)anthracene
Concen: 62.298 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4826446

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	24.0	19.0	28.4

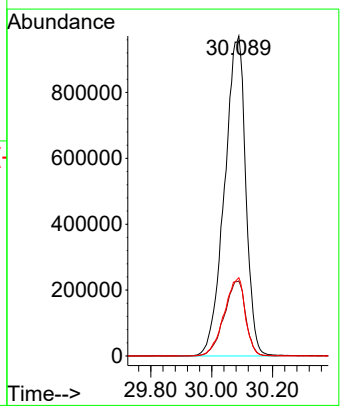




#92
Benzo(g,h,i)perylene
Concen: 61.731 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.036 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:276 Resp: 4694995

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	24.4	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	285381	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1243913	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	769412	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1520824	20.000	ng		0.00
76) Chrysene-d12	21.666	240	1412527	20.000	ng		0.00
86) Perylene-d12	25.048	264	1639865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	2797073	156.621	ng		0.00
7) Phenol-d6	6.972	99	3719514	157.885	ng		0.00
23) Nitrobenzene-d5	8.949	82	3774237	164.165	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	1324517	166.729	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	8021955	144.776	ng		0.00
79) Terphenyl-d14	19.942	244	10705690	143.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	525165	75.001	ng		99
3) Pyridine	3.726	79	1537458	79.031	ng		99
4) n-Nitrosodimethylamine	3.637	42	725458	80.324	ng	#	98
6) Aniline	7.137	93	2546940	79.451	ng		99
8) 2-Chlorophenol	7.372	128	1591247	81.930	ng		99
9) Benzaldehyde	6.949	77	972607m	58.640	ng		
10) Phenol	7.002	94	1969060	78.808	ng		99
11) bis(2-Chloroethyl)ether	7.231	93	1515396	77.407	ng		99
12) 1,3-Dichlorobenzene	7.696	146	1676489	76.821	ng		99
13) 1,4-Dichlorobenzene	7.837	146	1694172	76.733	ng		99
14) 1,2-Dichlorobenzene	8.149	146	1649525	77.123	ng		99
15) Benzyl Alcohol	8.037	79	1447720	79.979	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.331	45	2321074	75.053	ng		100
17) 2-Methylphenol	8.231	107	1340886	80.204	ng		98
18) Hexachloroethane	8.878	117	627491	79.471	ng		98
19) n-Nitroso-di-n-propyla...	8.614	70	1169323	76.214	ng		99
20) 3+4-Methylphenols	8.561	107	1841296	79.981	ng		99
22) Acetophenone	8.614	105	2348273	75.200	ng	#	99
24) Nitrobenzene	8.990	77	1719289	80.892	ng		99
25) Isophorone	9.513	82	3440086	76.970	ng		100
26) 2-Nitrophenol	9.690	139	813124	84.806	ng		97
27) 2,4-Dimethylphenol	9.749	122	1547266	75.090	ng		96
28) bis(2-Chloroethoxy)met...	9.990	93	2054235	75.555	ng		100
29) 2,4-Dichlorophenol	10.219	162	1494161	82.826	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	1535792	77.166	ng		99
31) Naphthalene	10.625	128	4861744	75.289	ng		100
32) Benzoic acid	9.931	122	1160103	79.253	ng		99
33) 4-Chloroaniline	10.719	127	2255163	78.523	ng		100
34) Hexachlorobutadiene	10.919	225	895811	78.411	ng		98
35) Caprolactam	11.519	113	561767m	80.094	ng		
36) 4-Chloro-3-methylphenol	11.837	107	1681089	80.535	ng		100
37) 2-Methylnaphthalene	12.231	142	3204508	76.670	ng		100
38) 1-Methylnaphthalene	12.443	142	3235826	74.197	ng		99
40) 1,2,4,5-Tetrachloroben...	12.602	216	1636320	77.897	ng		100
41) Hexachlorocyclopentadiene	12.590	237	1117188	86.171	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	1177739	86.791	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	1300802	85.453	ng		99
46) 1,1'-Biphenyl	13.243	154	4292450	75.702	ng		100
47) 2-Chloronaphthalene	13.284	162	3350157	77.444	ng		99
48) 2-Nitroaniline	13.478	65	1036853	79.733	ng		97
49) Acenaphthylene	14.143	152	5538691	76.758	ng		99
50) Dimethylphthalate	13.878	163	4226530	75.353	ng		100
51) 2,6-Dinitrotoluene	13.984	165	935818	90.453	ng		94
52) Acenaphthene	14.490	154	3405740	77.379	ng		99
53) 3-Nitroaniline	14.313	138	1104703	91.252	ng		96
54) 2,4-Dinitrophenol	14.519	184	457765	79.662	ng	#	51
55) Dibenzofuran	14.831	168	4843609	73.640	ng		99
56) 4-Nitrophenol	14.619	139	918340	85.952	ng		97
57) 2,4-Dinitrotoluene	14.784	165	1324025	80.213	ng		99
58) Fluorene	15.484	166	3580163	69.303	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	1079472	84.394	ng		99
60) Diethylphthalate	15.266	149	4248904	75.138	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	1716628	70.093	ng		99
62) 4-Nitroaniline	15.507	138	1042796	86.933	ng		97
63) Azobenzene	15.784	77	4018242	76.490	ng		99
65) 4,6-Dinitro-2-methylph...	15.560	198	653490	78.886	ng		95
66) n-Nitrosodiphenylamine	15.695	169	3479218	75.135	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	1177395	76.943	ng		99
68) Hexachlorobenzene	16.519	284	1326894	77.280	ng		98
69) Atrazine	16.678	200	1273257	78.187	ng		99
70) Pentachlorophenol	16.860	266	946571	86.531	ng		99
71) Phenanthrene	17.266	178	6128568	73.575	ng		99
72) Anthracene	17.360	178	6185852	73.651	ng		99
73) Carbazole	17.631	167	5994709	74.355	ng		99
74) Di-n-butylphthalate	18.237	149	7426722	76.144	ng		100
75) Fluoranthene	19.336	202	6952158	72.098	ng		99
77) Benzidine	19.525	184	3244549	63.462	ng		99
78) Pyrene	19.713	202	7242380	77.104	ng		99
80) Butylbenzylphthalate	20.672	149	3308374	86.846	ng		98
81) Benzo(a)anthracene	21.648	228	7117868	75.830	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	2604409	78.640	ng		99
83) Chrysene	21.713	228	6581498	75.596	ng		100
84) Bis(2-ethylhexyl)phtha...	21.601	149	4983234	81.923	ng		100
85) Di-n-octyl phthalate	22.907	149	8622615	84.688	ng		99
87) Indeno(1,2,3-cd)pyrene	28.912	276	9444318m	80.231	ng		
88) Benzo(b)fluoranthene	23.983	252	7663180	78.064	ng		99
89) Benzo(k)fluoranthene	24.060	252	7472413	76.787	ng		99
90) Benzo(a)pyrene	24.895	252	7402973	78.309	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	7708950	80.082	ng		99
92) Benzo(g,h,i)perylene	30.106	276	7590772m	80.324	ng		

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

ICAL Form

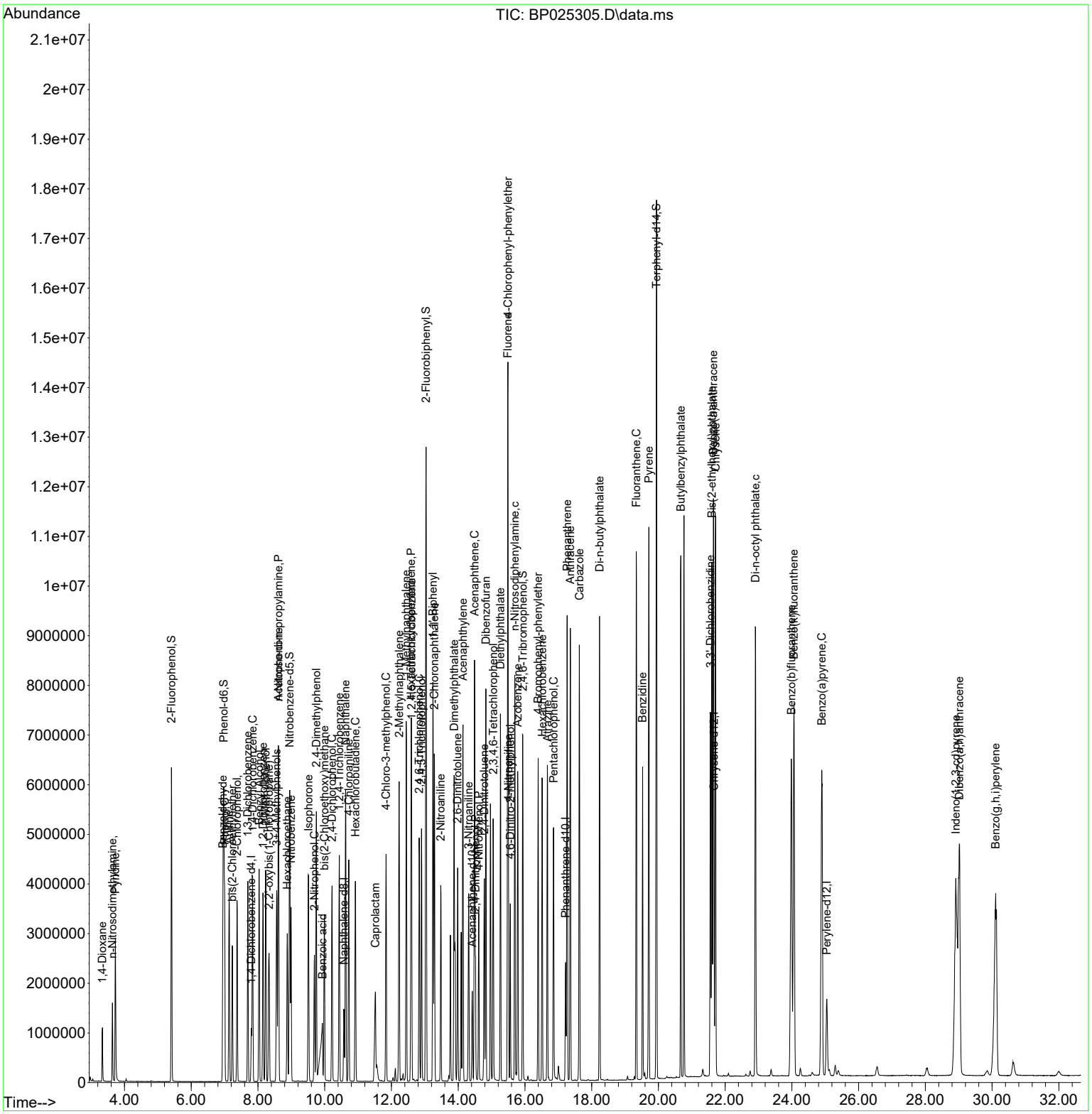
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Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

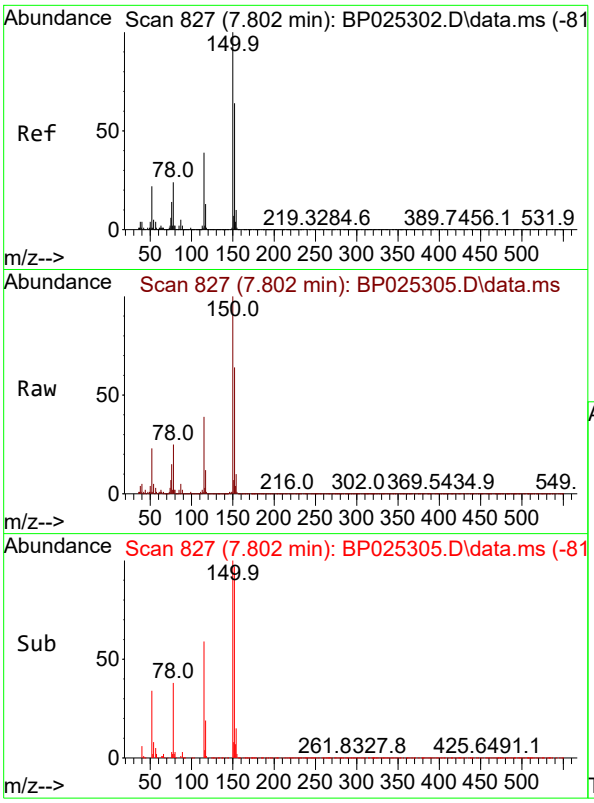
Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

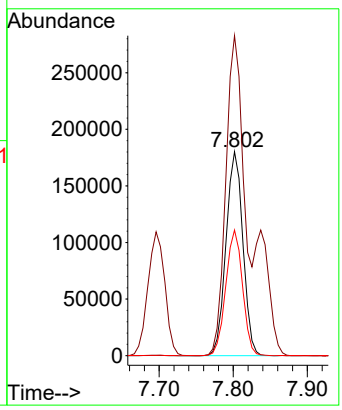




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:152 Resp: 28538

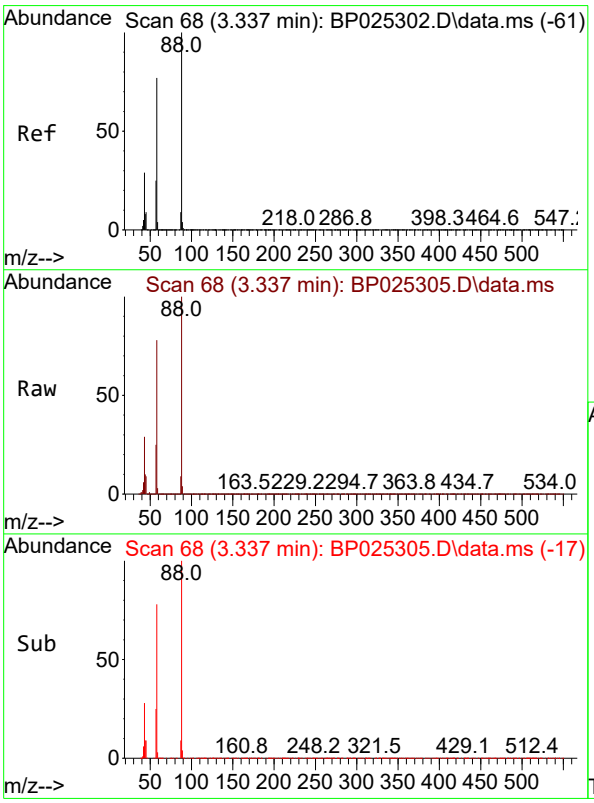
Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.1	187.7
115	61.5	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

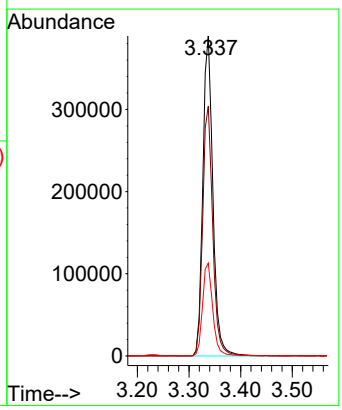
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

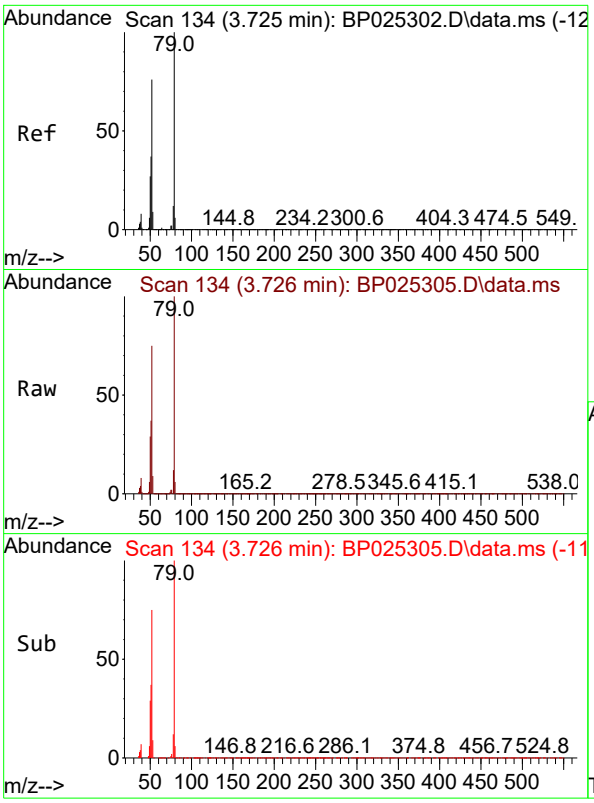


#2
1,4-Dioxane
Concen: 75.001 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 88 Resp: 525165

Ion	Ratio	Lower	Upper
88	100		
58	78.4	61.9	92.9
43	29.2	24.2	36.2

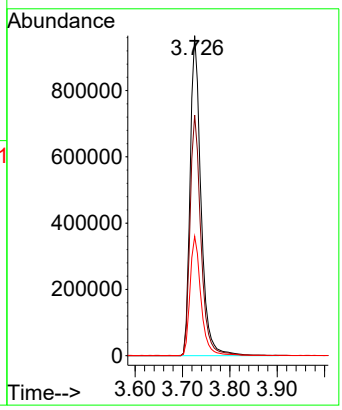




#3
Pyridine
Concen: 79.031 ng
RT: 3.726 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 79 Resp: 153745

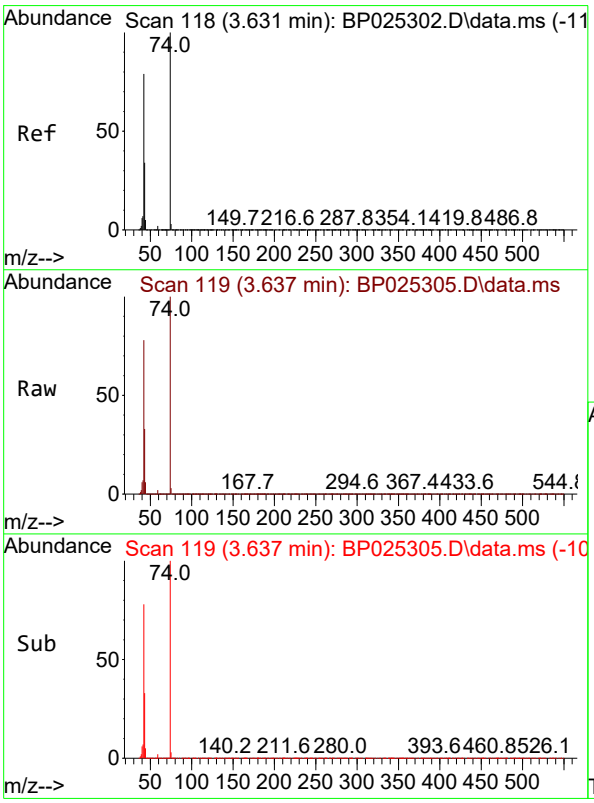
Ion	Ratio	Lower	Upper
79	100		
52	75.2	60.5	90.7
51	37.3	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

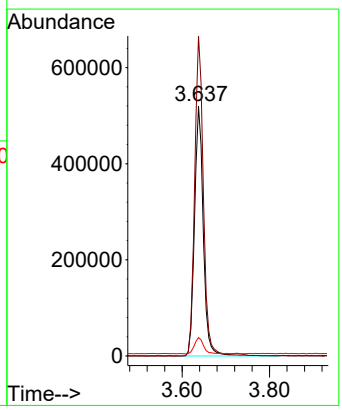
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

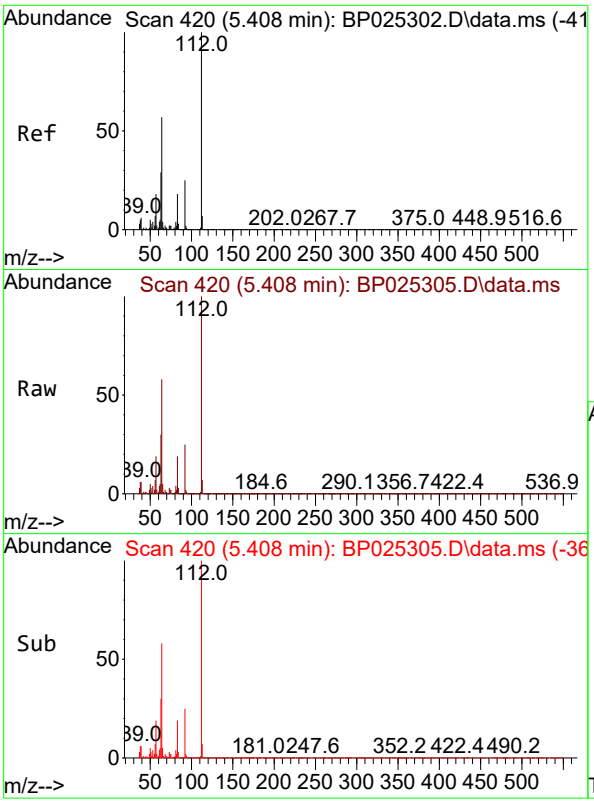


#4
n-Nitrosodimethylamine
Concen: 80.324 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 42 Resp: 725458

Ion	Ratio	Lower	Upper
42	100		
74	128.2	101.4	152.2
44	7.4	7.6	11.4#





#5
2-Fluorophenol
Concen: 156.621 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

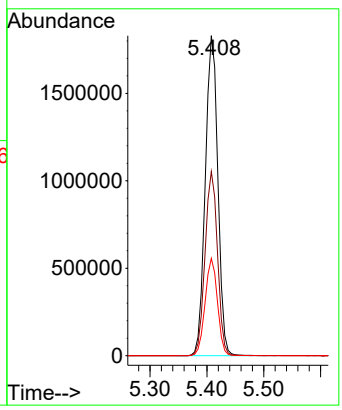
Tgt Ion:112 Resp: 279707

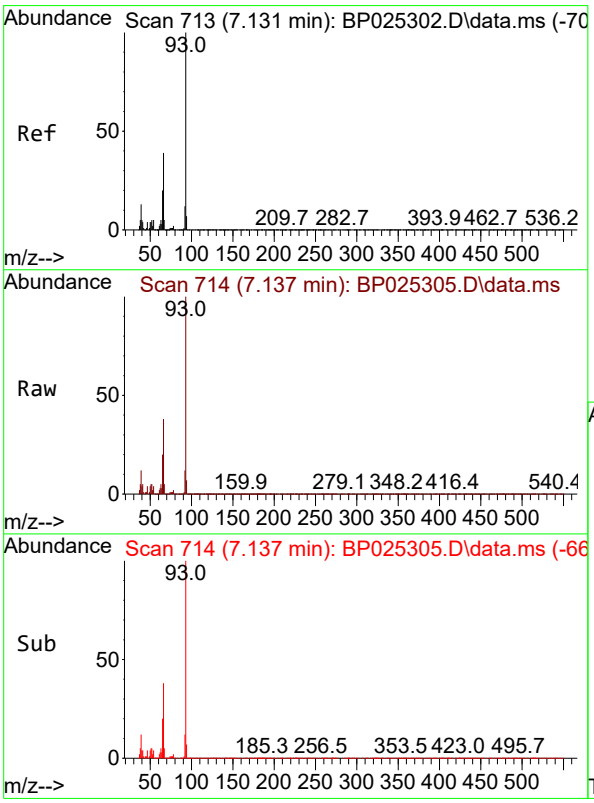
Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.3	67.9
63	30.4	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

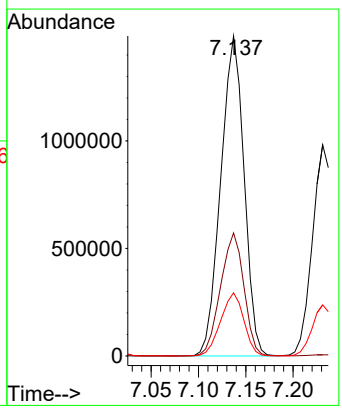


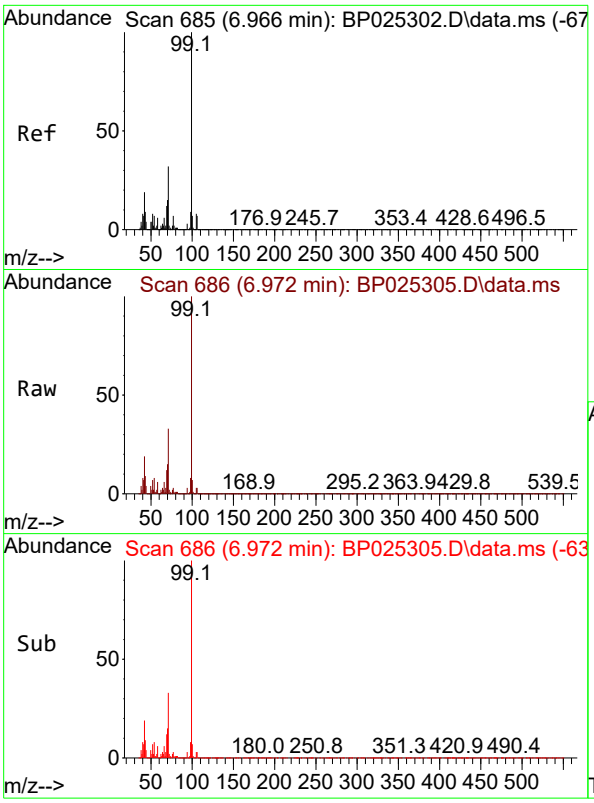


#6
Aniline
Concen: 79.451 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 2546940

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.1	46.7
65	19.7	15.8	23.8

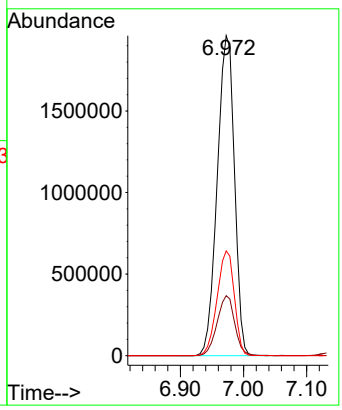




#7
Phenol-d6
Concen: 157.885 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 99 Resp: 371951

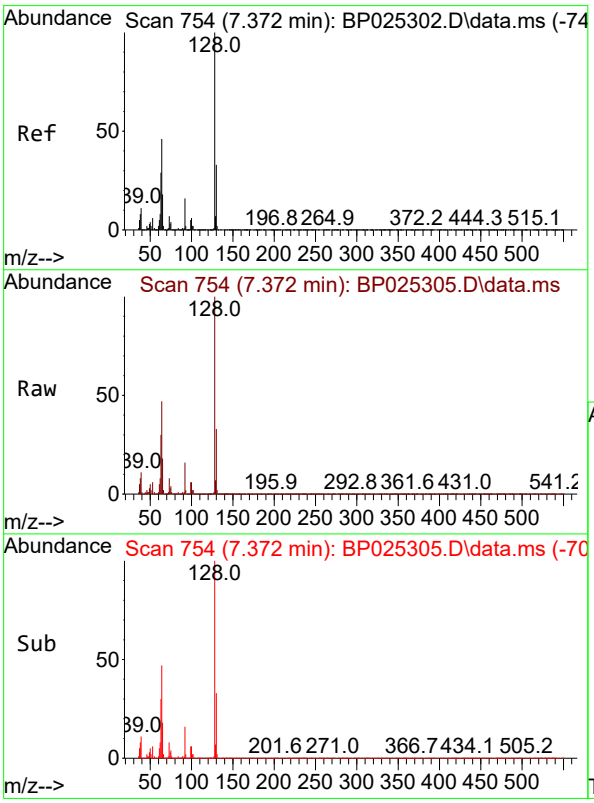
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	32.7	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

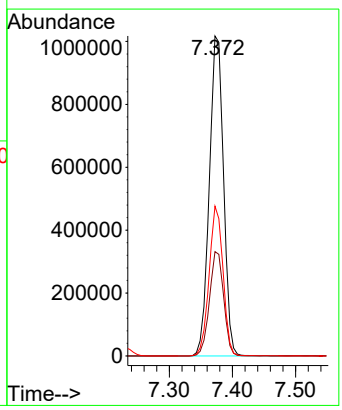
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

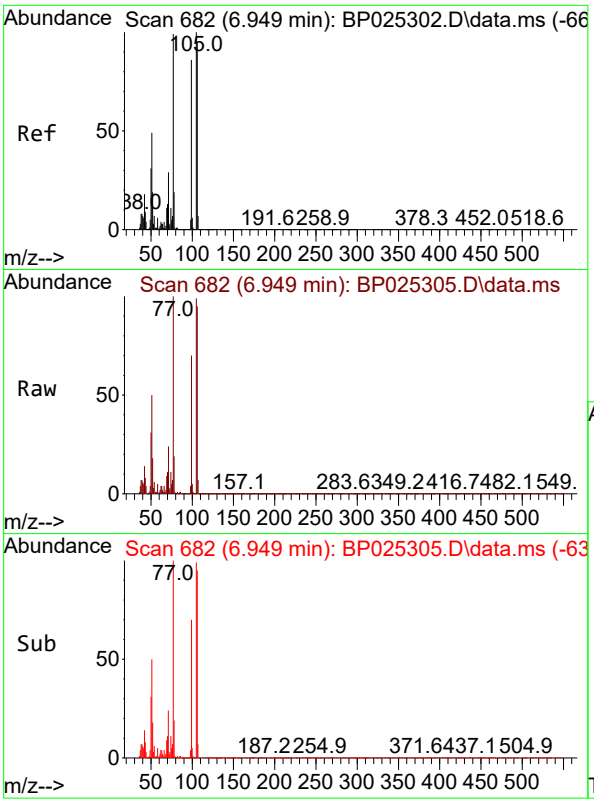


#8
2-Chlorophenol
Concen: 81.930 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:128 Resp: 1591247

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	46.8	26.1	66.1

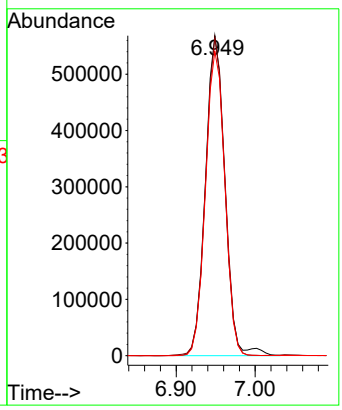




#9
Benzaldehyde
Concen: 58.640 ng m
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 97260

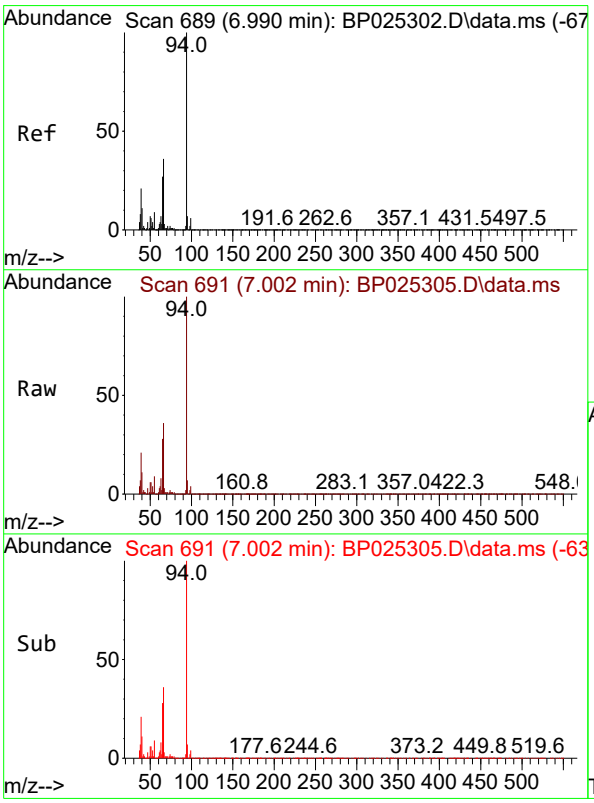
Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.4	121.4
106	95.1	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

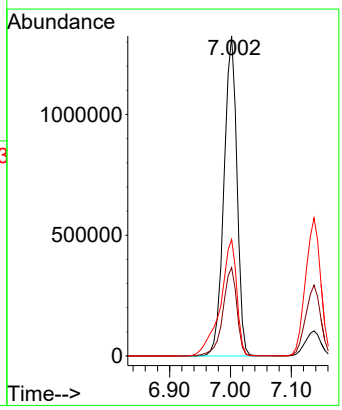
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

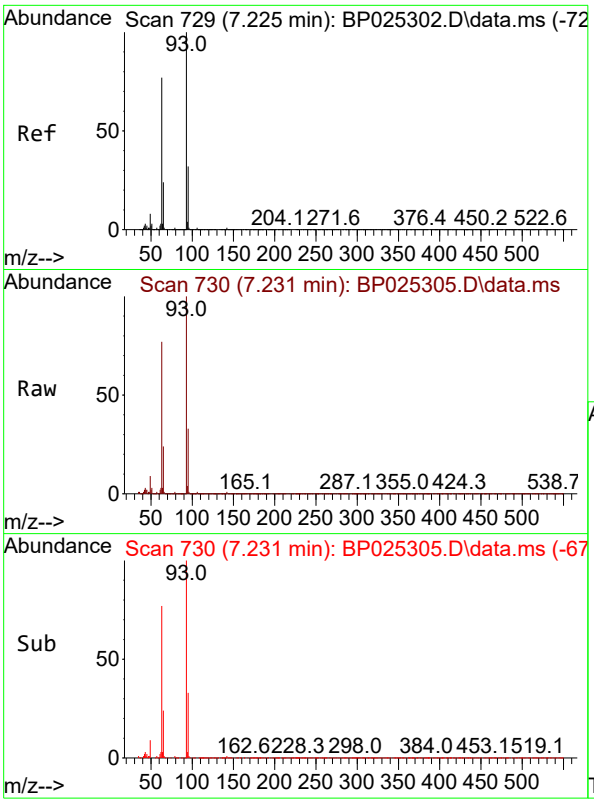


#10
Phenol
Concen: 78.808 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 94 Resp: 1969060

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.3	47.3
66	36.4	15.7	55.7

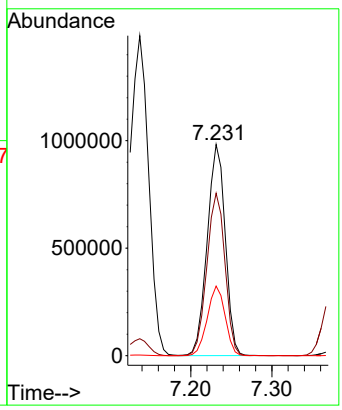




#11
bis(2-Chloroethyl)ether
Concen: 77.407 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 151539

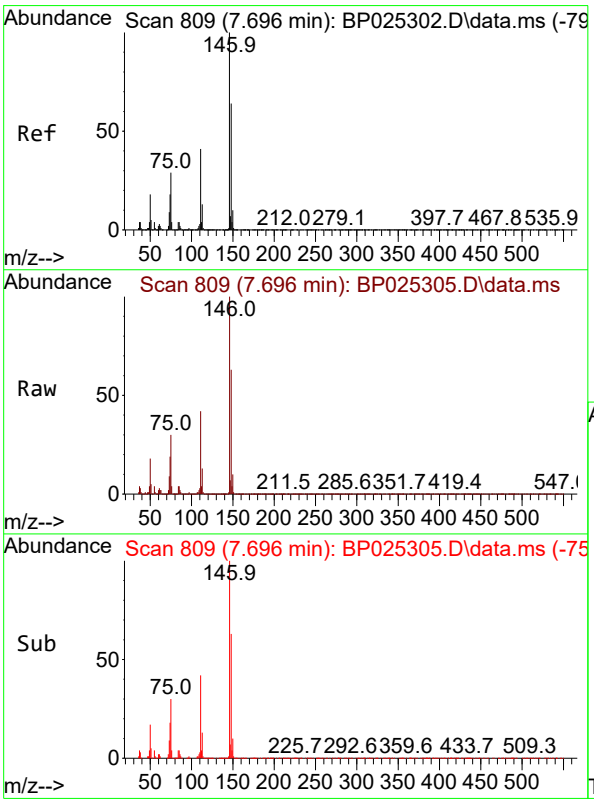
Ion	Ratio	Lower	Upper
93	100		
63	76.9	57.0	97.0
95	32.9	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

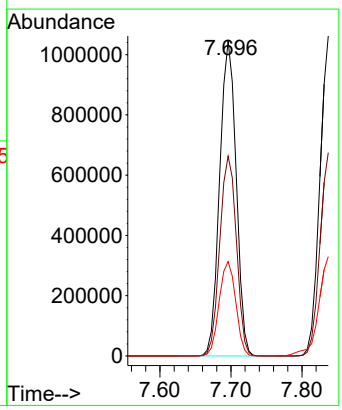
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

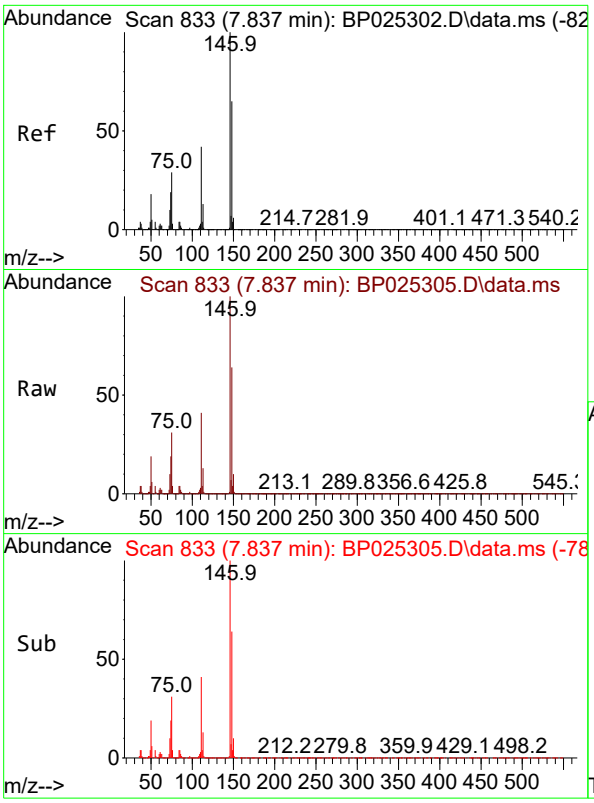


#12
1,3-Dichlorobenzene
Concen: 76.821 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 1676489

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
75	30.0	23.2	34.8

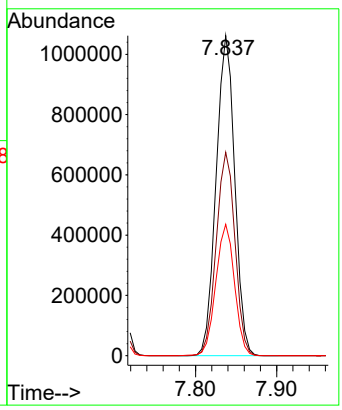




#13
1,4-Dichlorobenzene
Concen: 76.733 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 169417

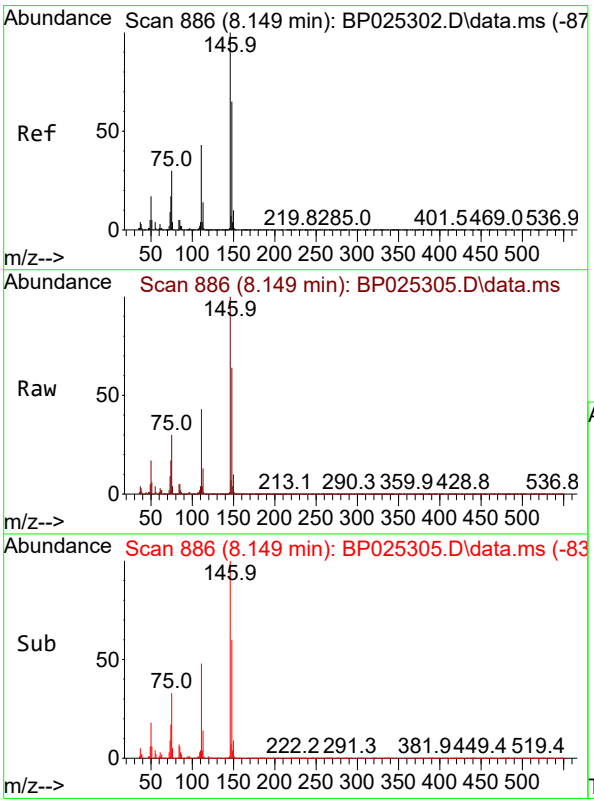
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	41.1	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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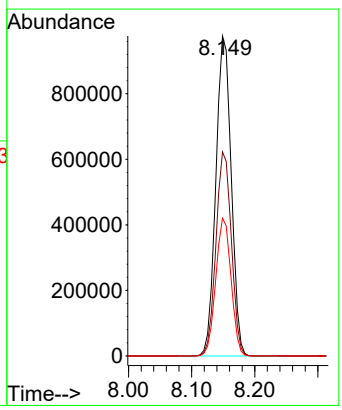
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

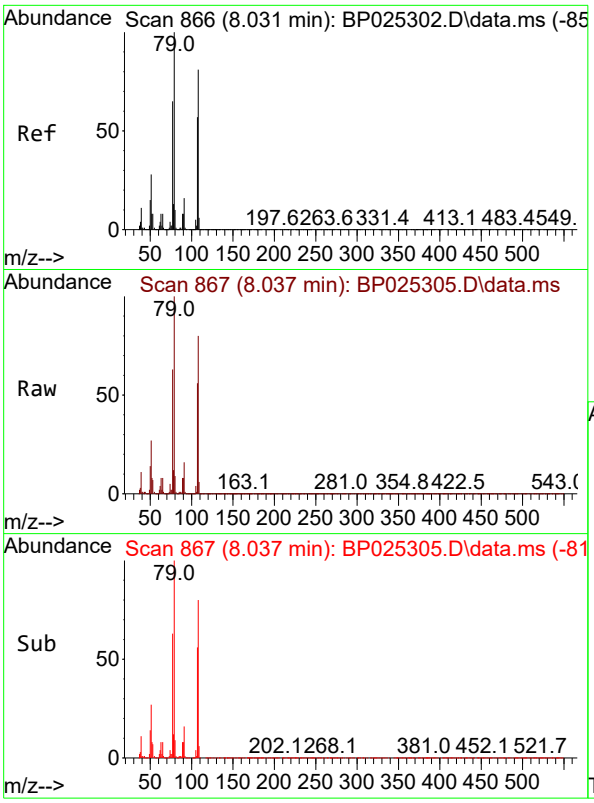


#14
1,2-Dichlorobenzene
Concen: 77.123 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 1649525

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	43.1	34.4	51.6





#15
Benzyl Alcohol
Concen: 79.979 ng
RT: 8.037 min Scan# 8(
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

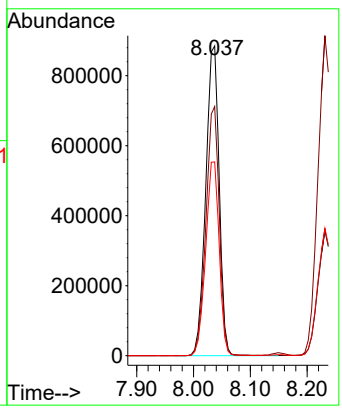
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

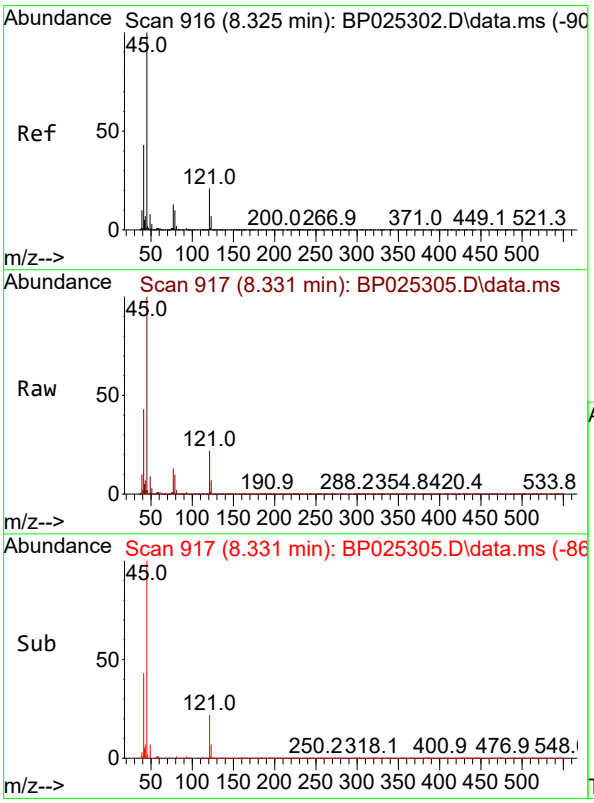
Tgt Ion: 79 Resp: 144772(

Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.5	96.7
77	62.5	51.9	77.9

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

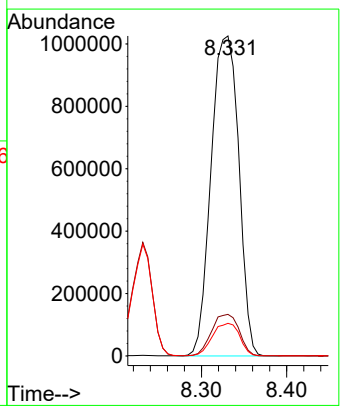


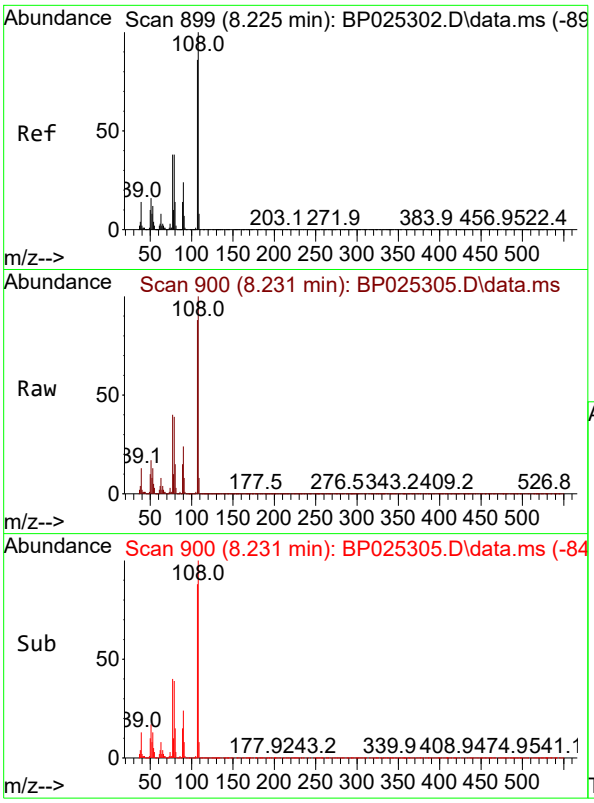


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.053 ng
RT: 8.331 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 45 Resp: 2321074

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.0
79	10.2	0.0	29.8

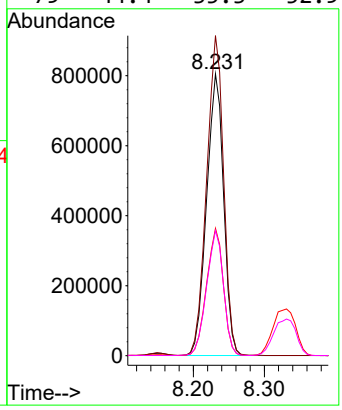




#17
2-Methylphenol
Concen: 80.204 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 134088(

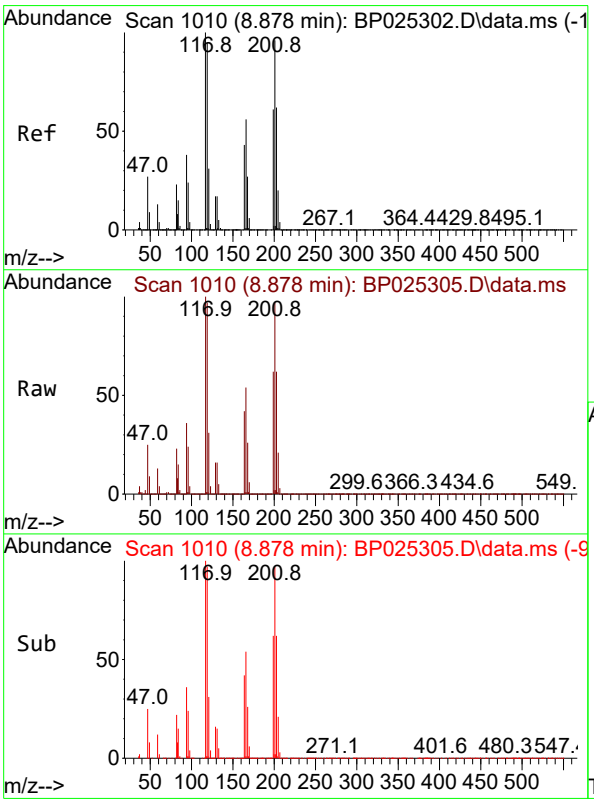
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.6	139.0
77	45.2	35.4	53.2
79	44.4	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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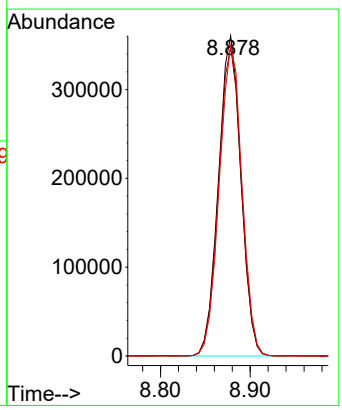
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

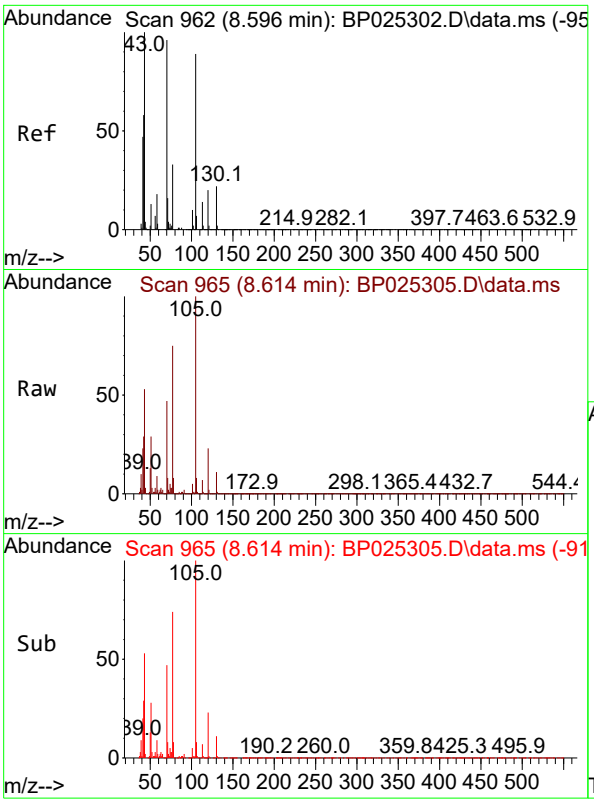


#18
Hexachloroethane
Concen: 79.471 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:117 Resp: 627491

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	97.1	76.6	114.8

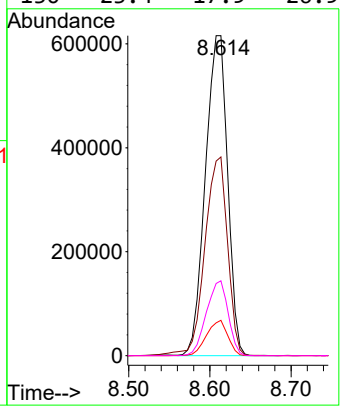




#19
n-Nitroso-di-n-propylamine
Concen: 76.214 ng
RT: 8.614 min Scan# 9
Delta R.T. 0.018 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 70 Resp: 116932

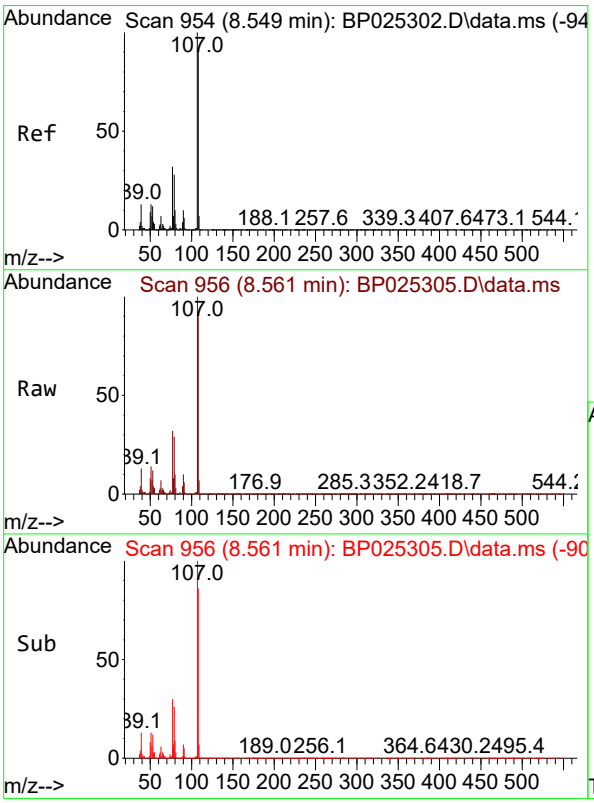
Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.4	74.0
101	11.1	7.9	11.9
130	23.4	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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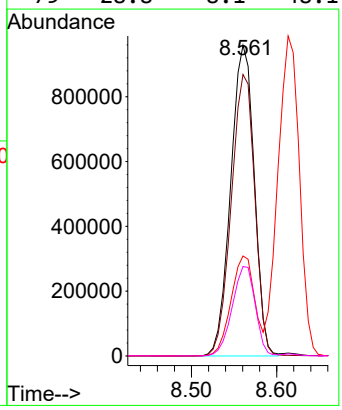
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

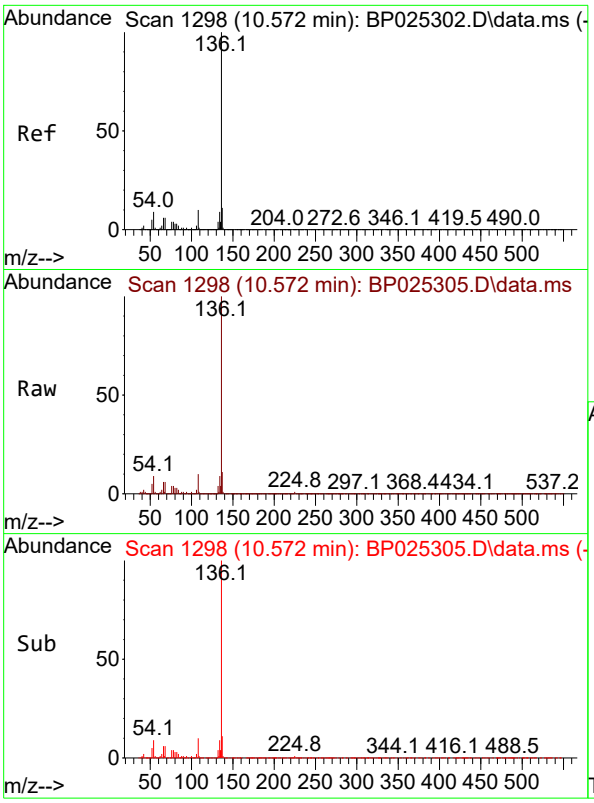


#20
3+4-Methylphenols
Concen: 79.981 ng
RT: 8.561 min Scan# 956
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 1841296

Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.9	111.9
77	32.2	12.0	52.0
79	28.8	8.1	48.1

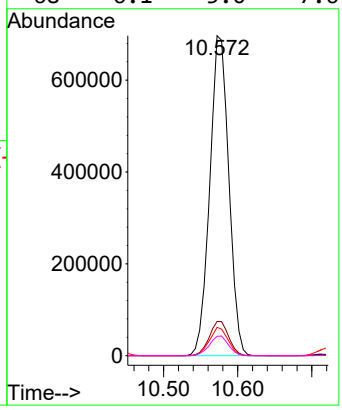




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:136 Resp: 124391

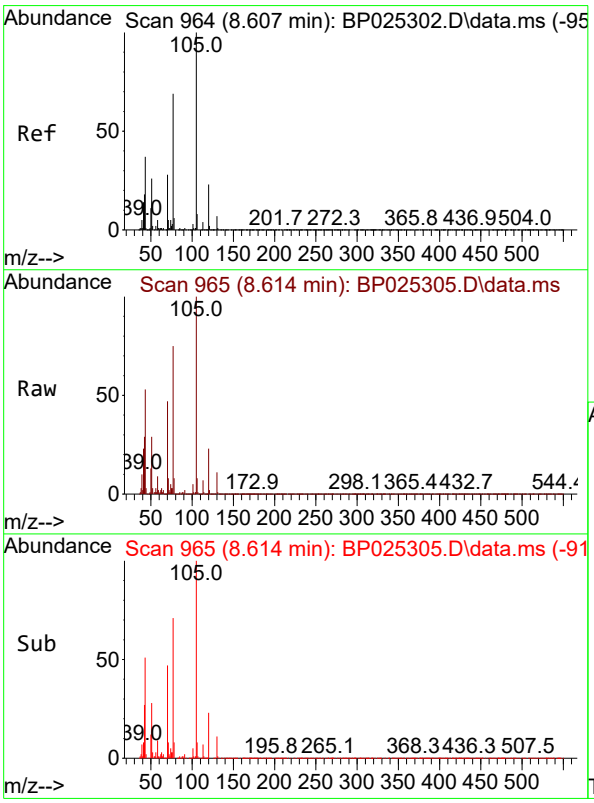
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	7.0	10.6
68	6.1	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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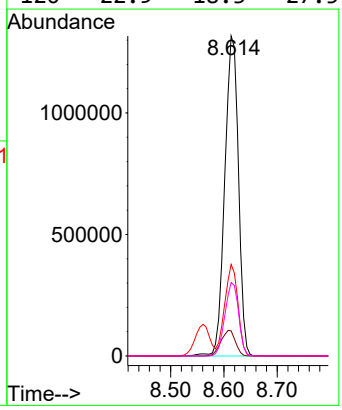
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

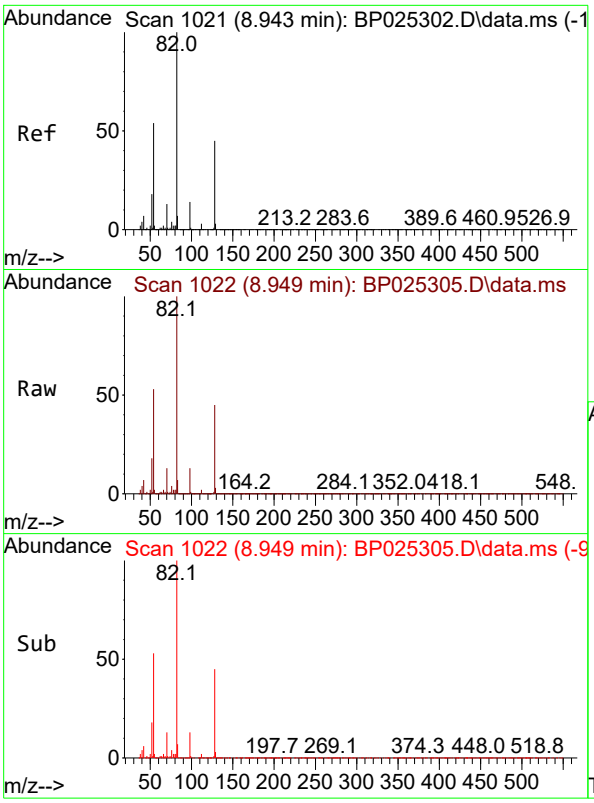


#22
Acetophenone
Concen: 75.200 ng
RT: 8.614 min Scan# 965
Delta R.T. 0.007 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:105 Resp: 2348273

Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.1	6.1#
51	28.6	22.7	34.1
120	22.9	18.3	27.5





#23
Nitrobenzene-d5
Concen: 164.165 ng
RT: 8.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

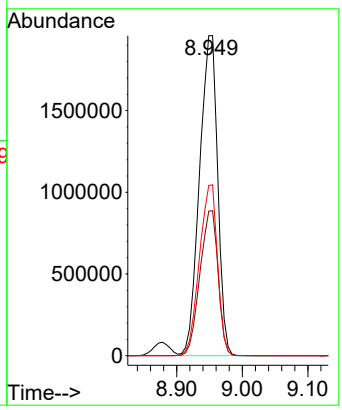
Tgt Ion: 82 Resp: 377423

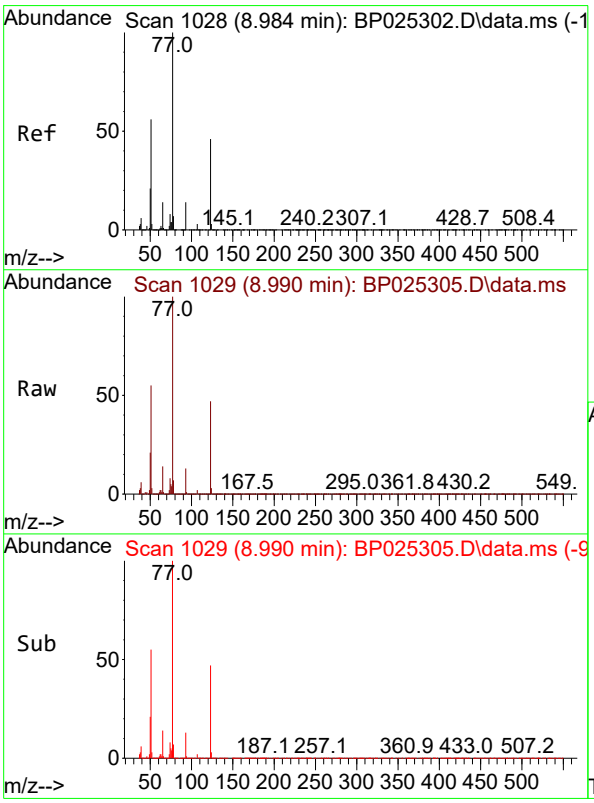
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.4	53.2
54	53.1	42.9	64.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

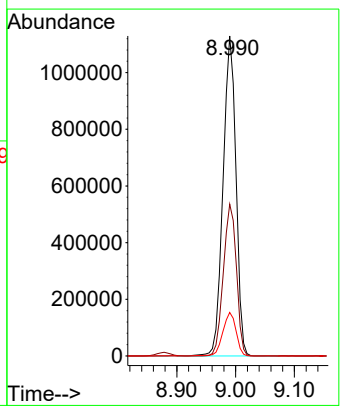


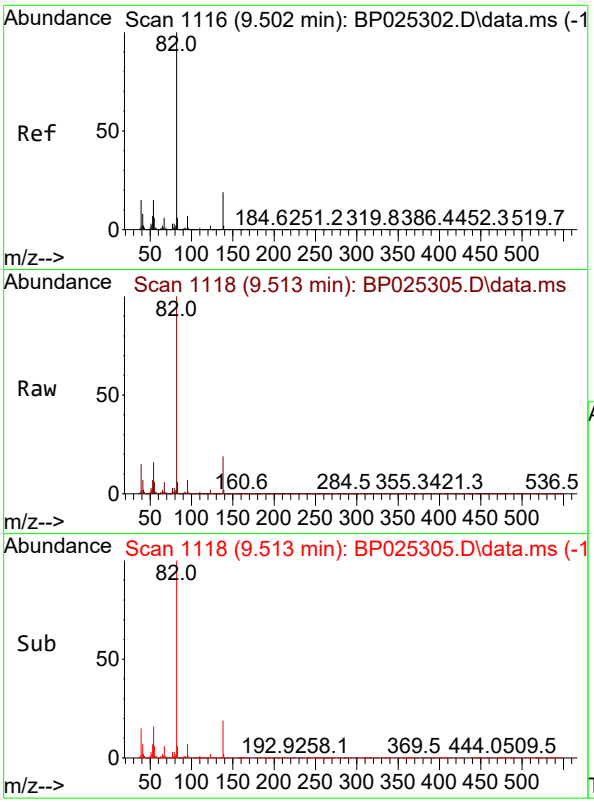


#24
Nitrobenzene
Concen: 80.892 ng
RT: 8.990 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 1719289

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.4	56.2
65	13.6	11.1	16.7

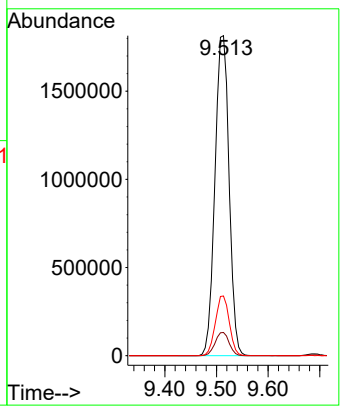




#25
Isophorone
Concen: 76.970 ng
RT: 9.513 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 82 Resp: 344008

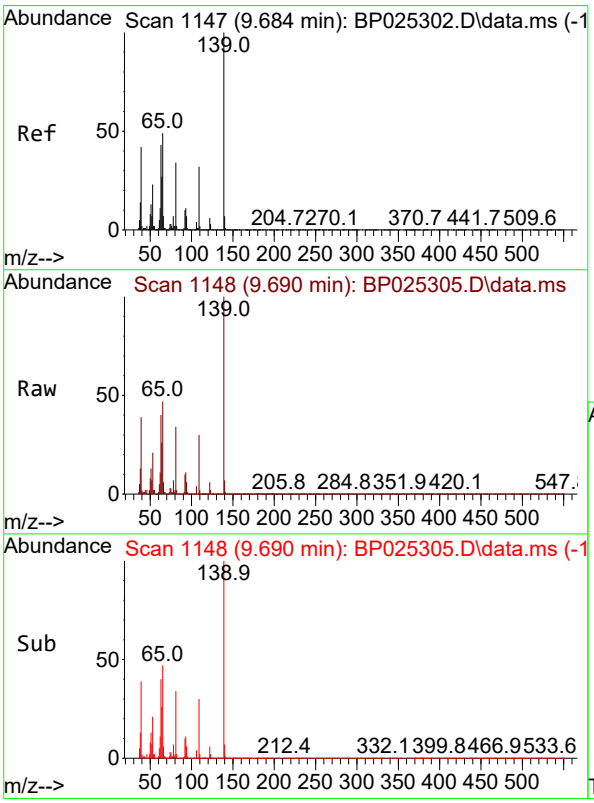
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.7	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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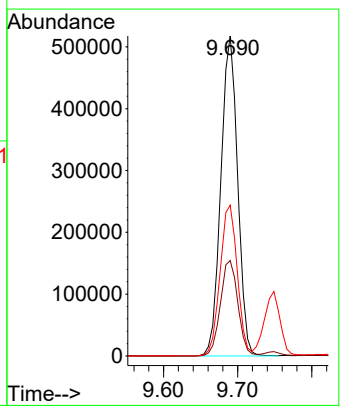
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

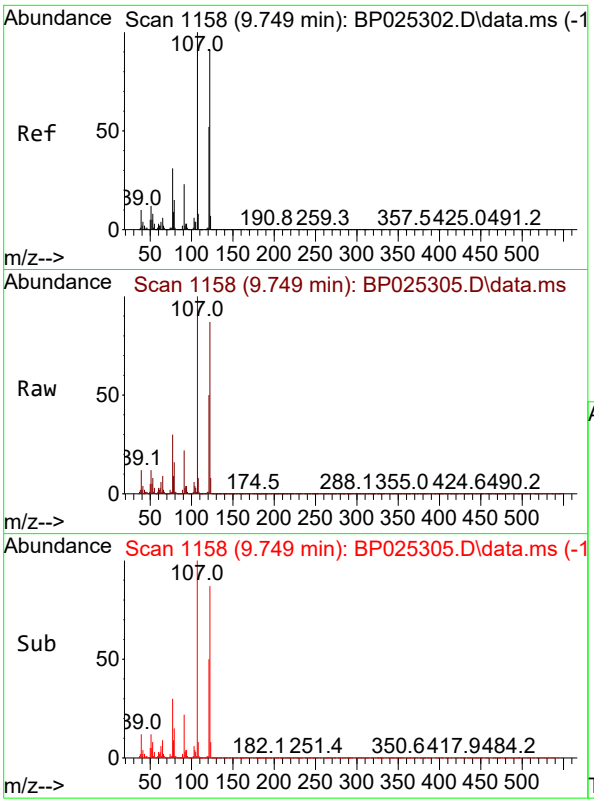


#26
2-Nitrophenol
Concen: 84.806 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:139 Resp: 813124

Ion	Ratio	Lower	Upper
139	100		
109	29.8	25.2	37.8
65	47.1	39.6	59.4

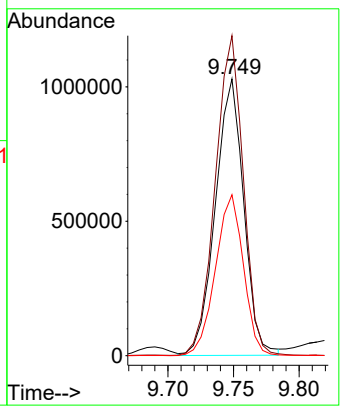




#27
2,4-Dimethylphenol
Concen: 75.090 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:122 Resp: 154726

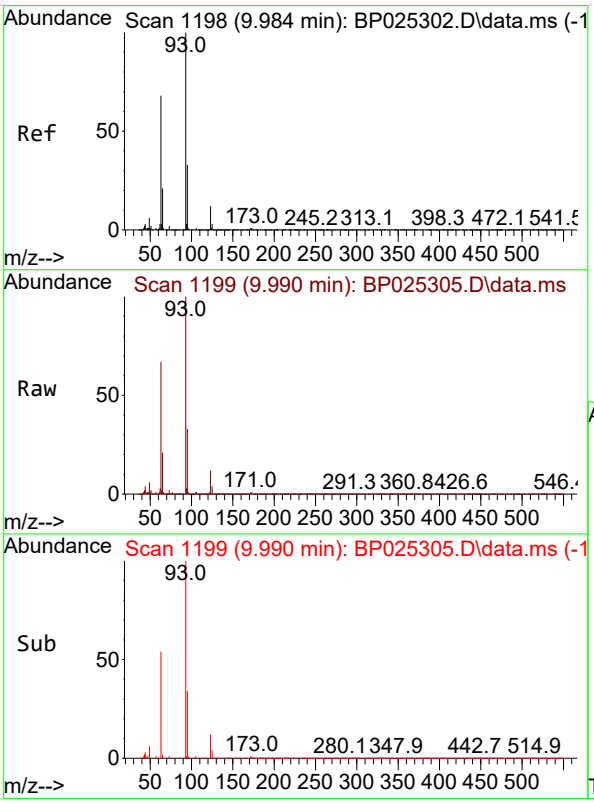
Ion	Ratio	Lower	Upper
122	100		
107	115.6	87.4	131.0
121	58.2	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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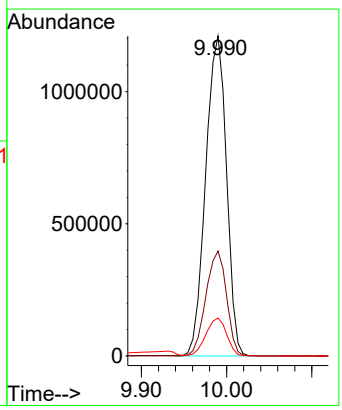
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

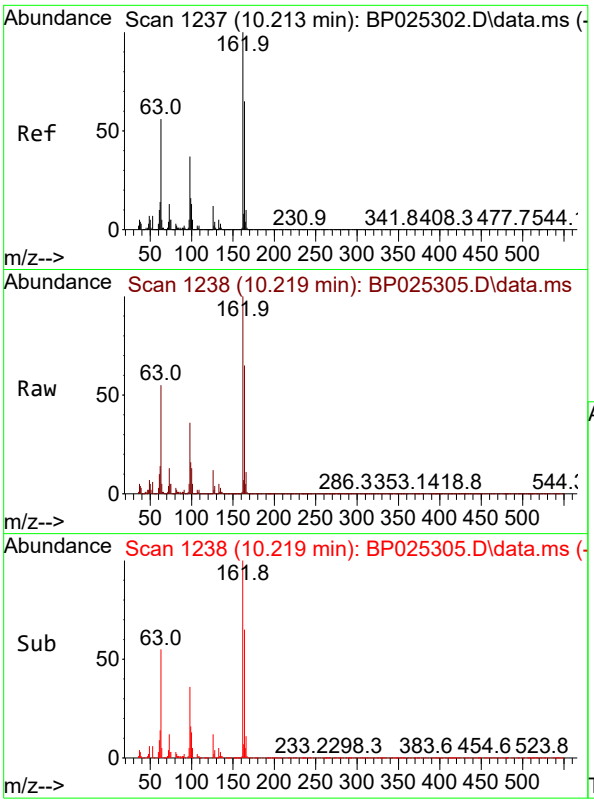


#28
bis(2-Chloroethoxy)methane
Concen: 75.555 ng
RT: 9.990 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 2054235

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.9	9.4	14.2

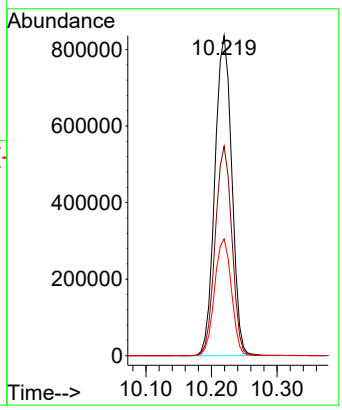




#29
2,4-Dichlorophenol
Concen: 82.826 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:162 Resp: 149416

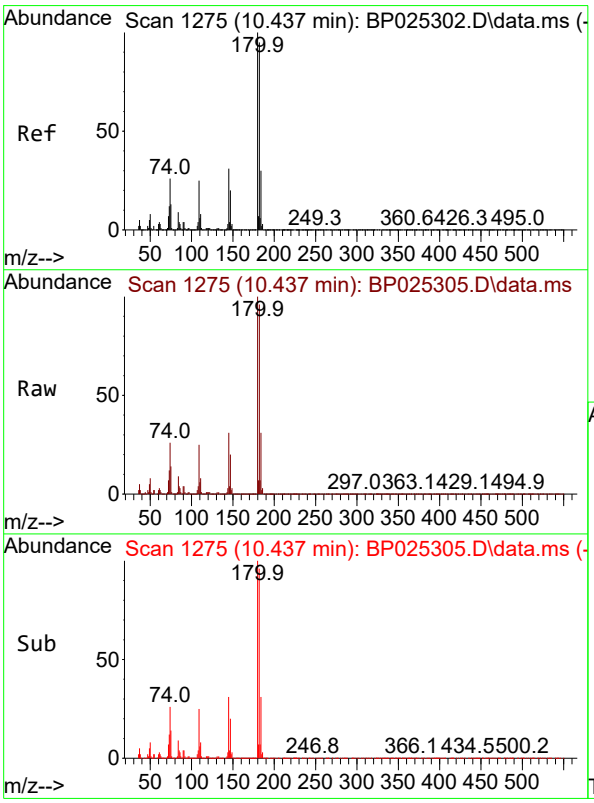
Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.2	85.2
98	36.5	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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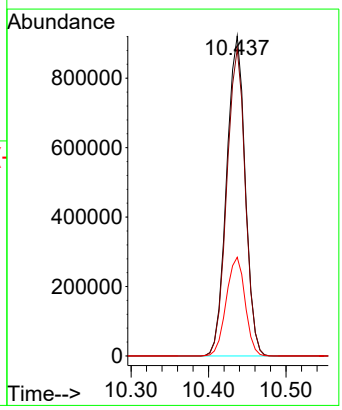
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

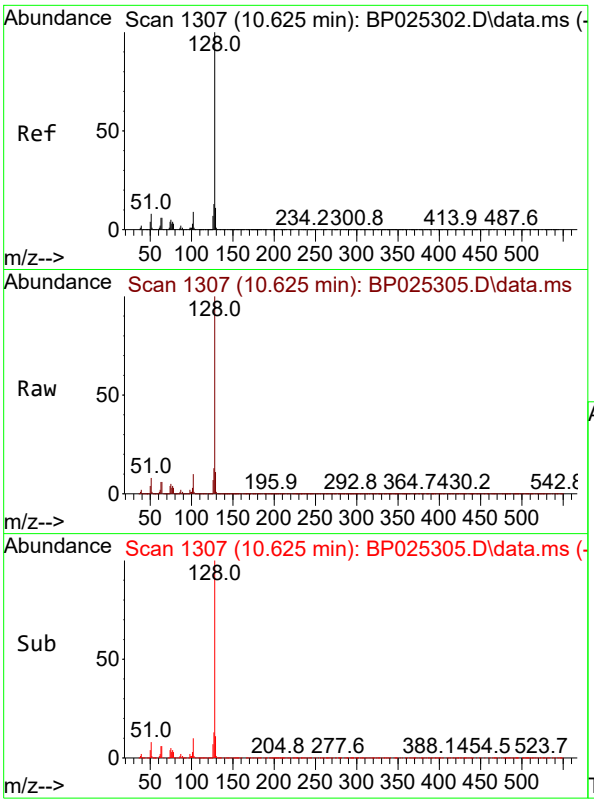


#30
1,2,4-Trichlorobenzene
Concen: 77.166 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:180 Resp: 1535792

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.8
145	30.9	25.0	37.4

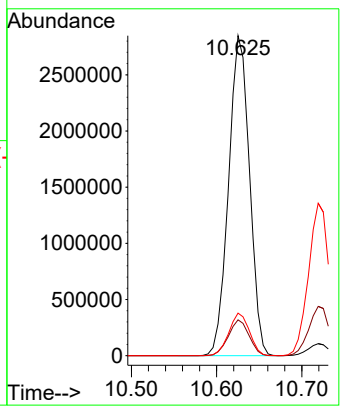




#31
Naphthalene
Concen: 75.289 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:128 Resp: 486174

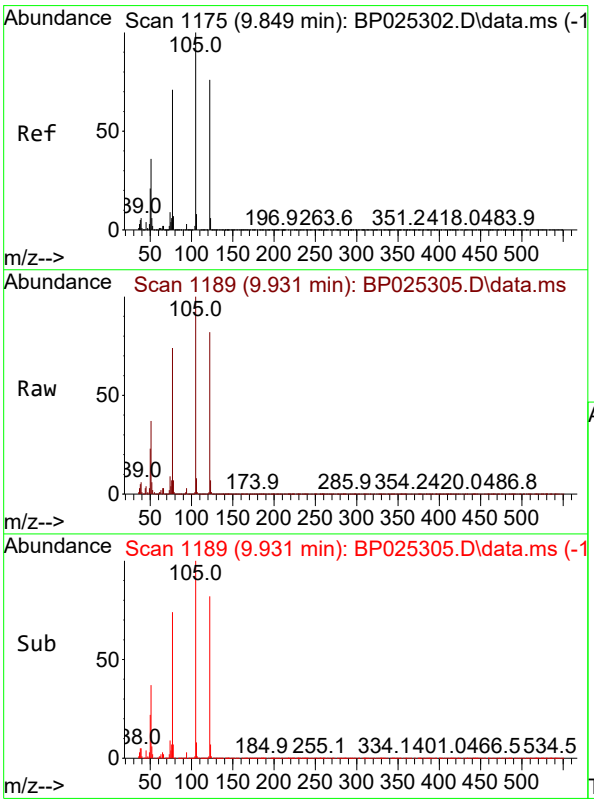
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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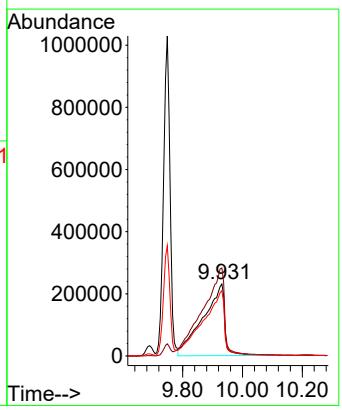
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

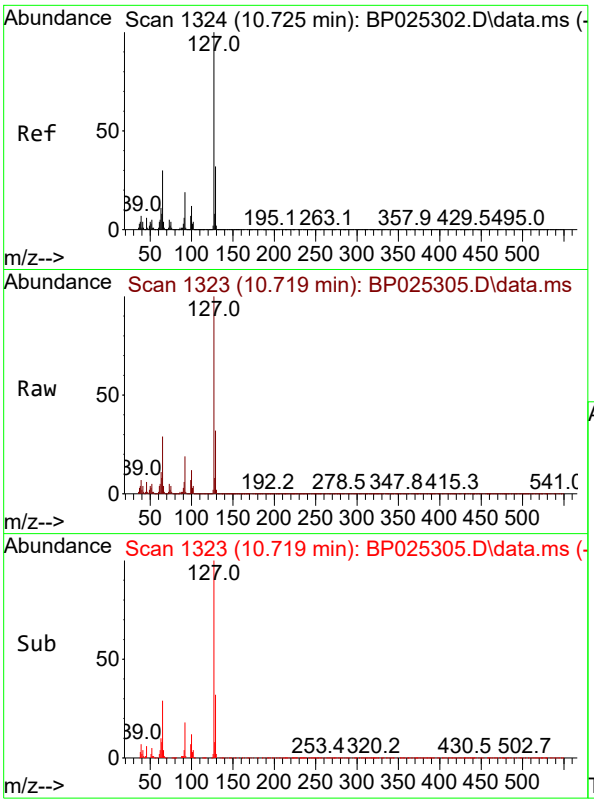


#32
Benzoic acid
Concen: 79.253 ng
RT: 9.931 min Scan# 1189
Delta R.T. 0.082 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:122 Resp: 1160103

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.0	144.0
77	90.6	71.8	111.8

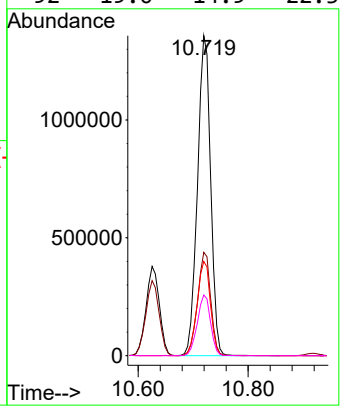




#33
4-Chloroaniline
Concen: 78.523 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:127 Resp: 225516

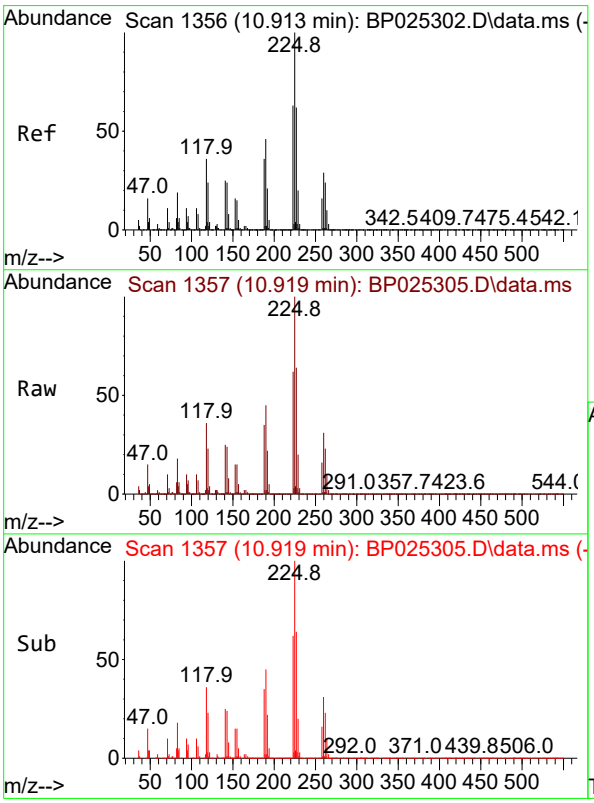
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.5	23.6	35.4
92	19.0	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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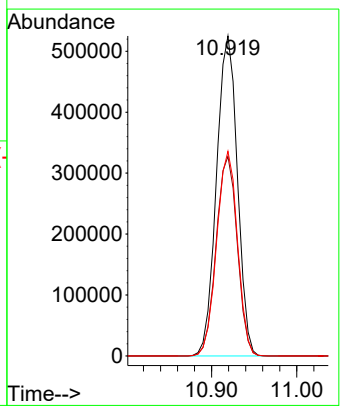
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

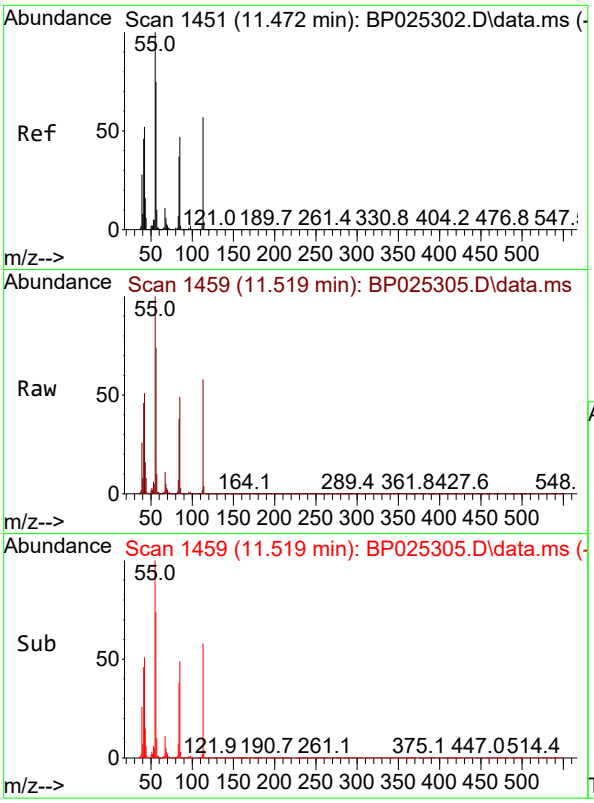


#34
Hexachlorobutadiene
Concen: 78.411 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:225 Resp: 895811

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.9	49.7	74.5

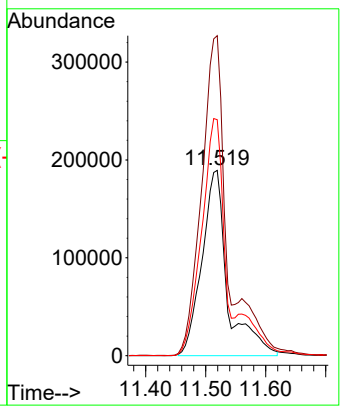




#35
Caprolactam
Concen: 80.094 ng m
RT: 11.519 min Scan# 14
Delta R.T. 0.047 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:113 Resp: 56176

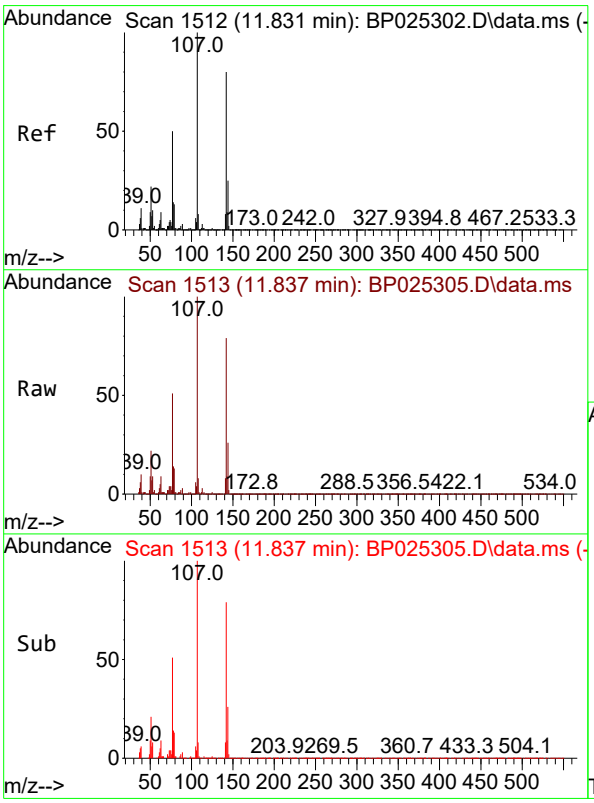
Ion	Ratio	Lower	Upper
113	100		
55	172.7	154.4	194.4
56	127.3	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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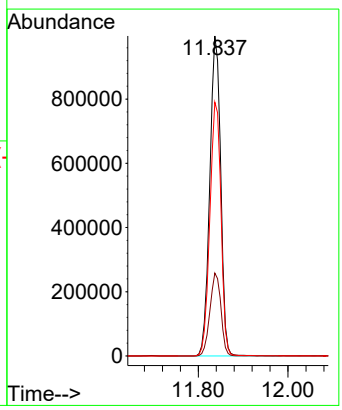
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

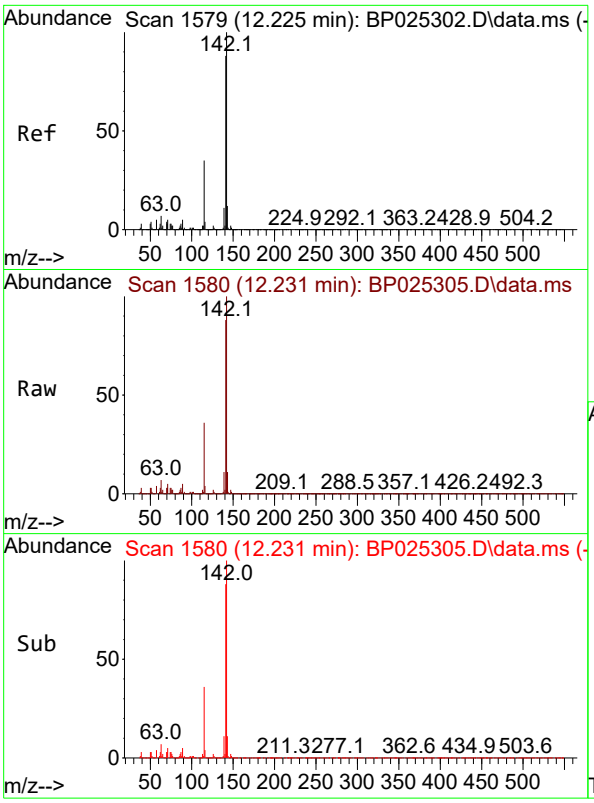


#36
4-Chloro-3-methylphenol
Concen: 80.535 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 1681089

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.4	30.6
142	79.3	63.7	95.5

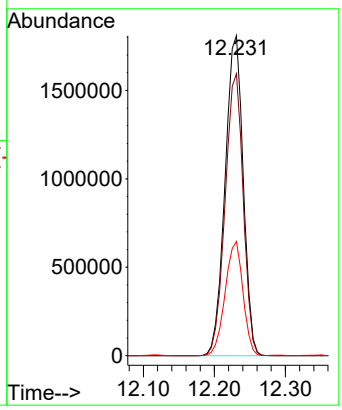




#37
2-Methylnaphthalene
Concen: 76.670 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:142 Resp: 320450

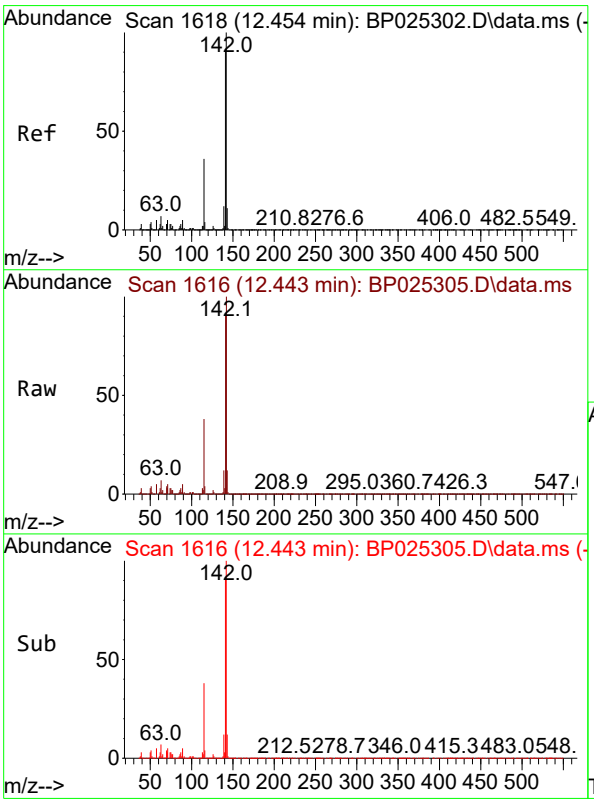
Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	35.7	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

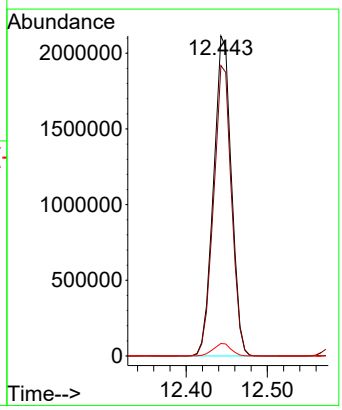
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

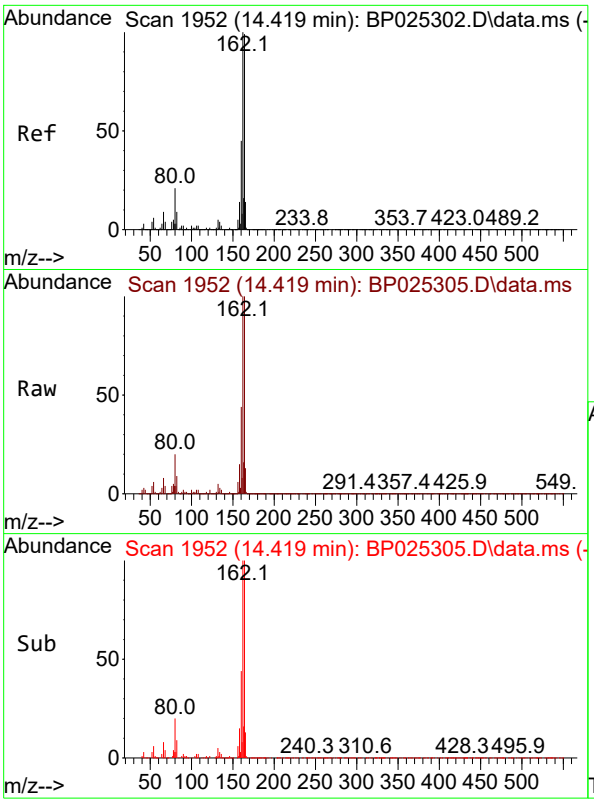


#38
1-Methylnaphthalene
Concen: 74.197 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:142 Resp: 3235826

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6
116	3.9	3.0	4.6

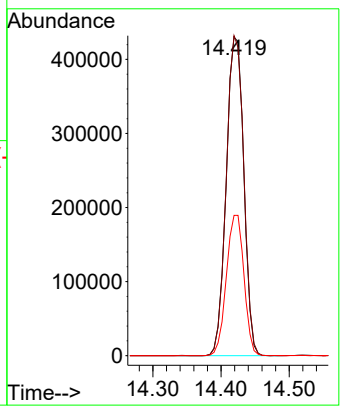




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:164 Resp: 76941

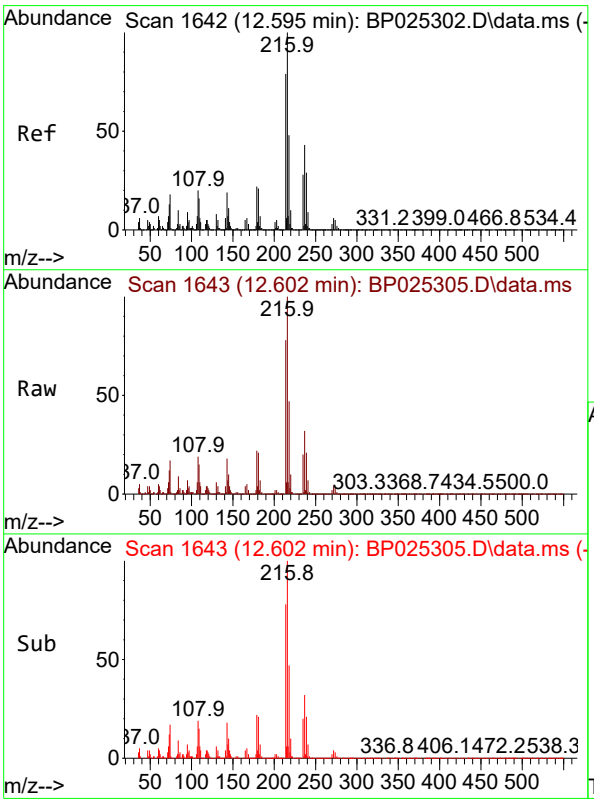
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.0	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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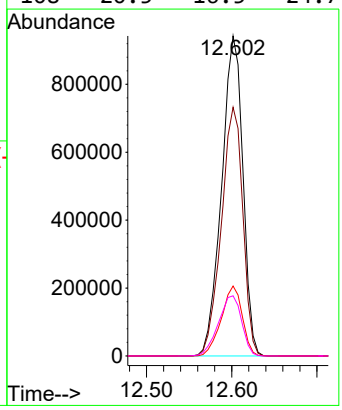
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

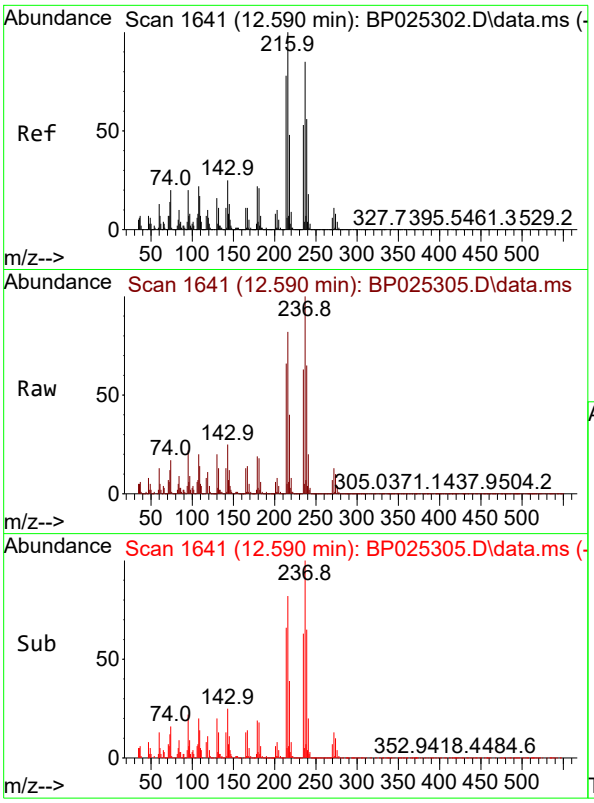


#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.897 ng
RT: 12.602 min Scan# 1643
Delta R.T. 0.007 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:216 Resp: 1636320

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	21.6	17.5	26.3
108	20.5	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 86.171 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

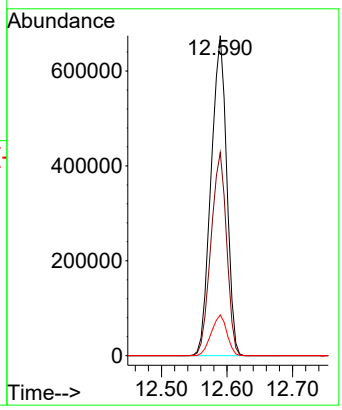
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

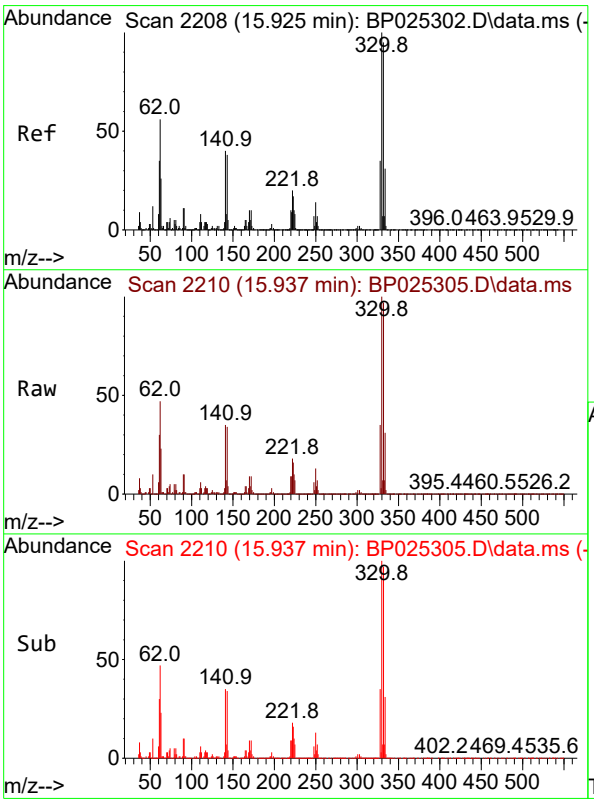
Tgt Ion:237 Resp: 111718

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.2	82.2
272	12.7	0.0	32.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

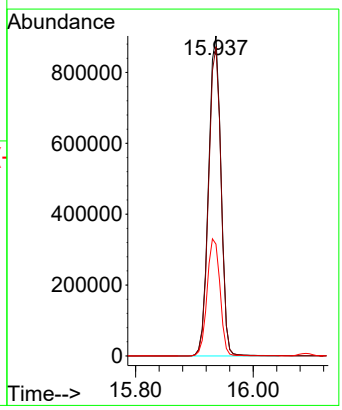


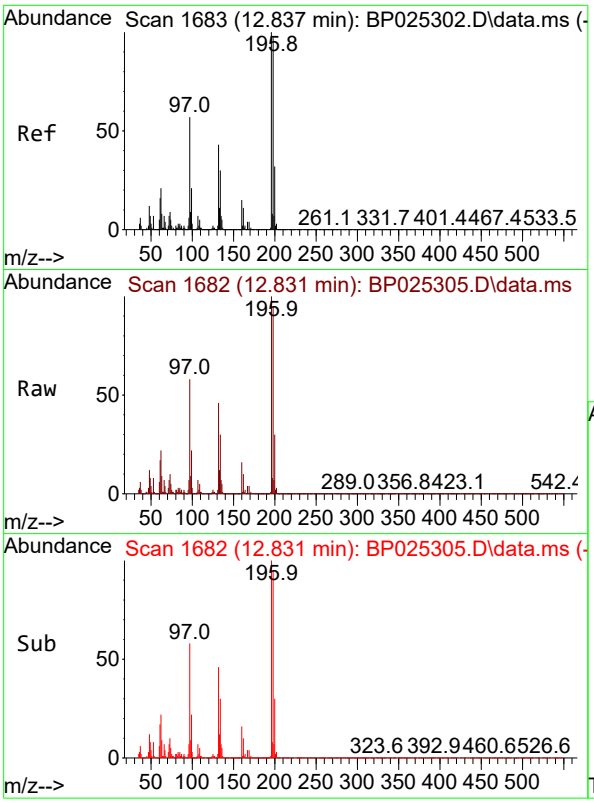


#42
2,4,6-Tribromophenol
Concen: 166.729 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:330 Resp: 1324517

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	38.0	31.7	47.5

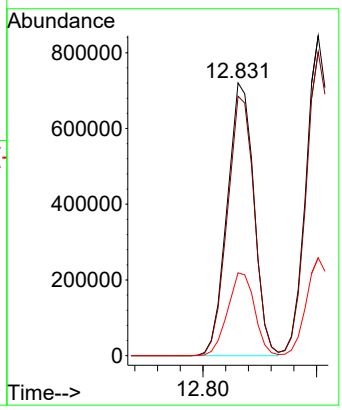




#43
2,4,6-Trichlorophenol
Concen: 86.791 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:196 Resp: 117773

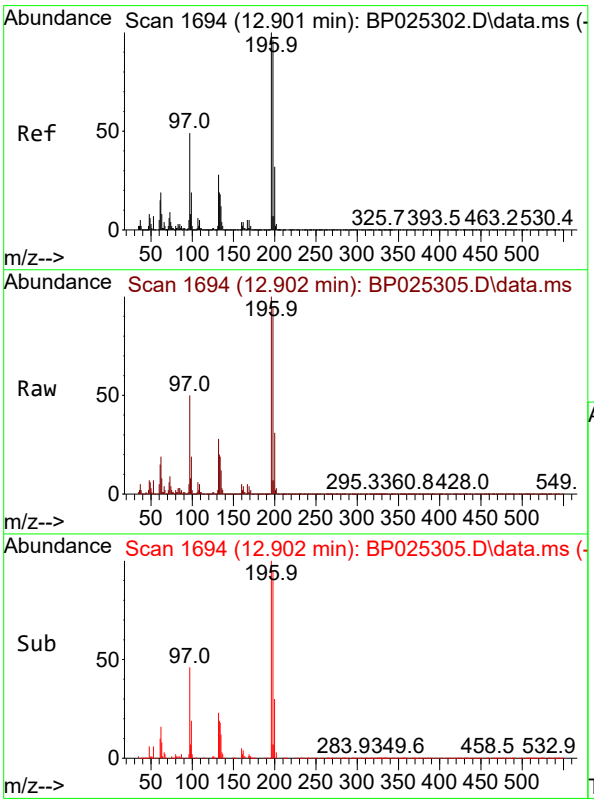
Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
200	30.4	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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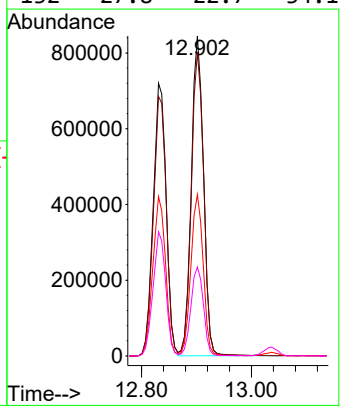
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

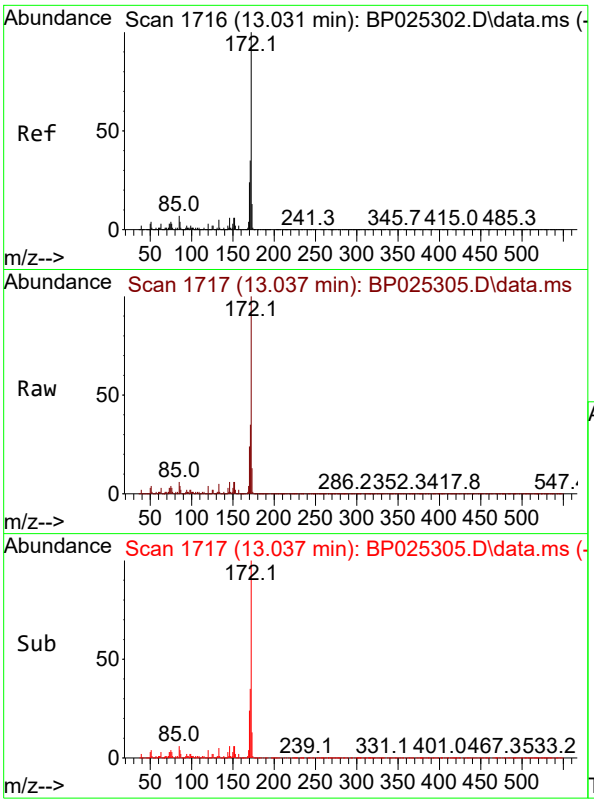


#44
2,4,5-Trichlorophenol
Concen: 85.453 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:196 Resp: 1300802

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	114.8
97	50.5	39.5	59.3
132	27.8	22.7	34.1

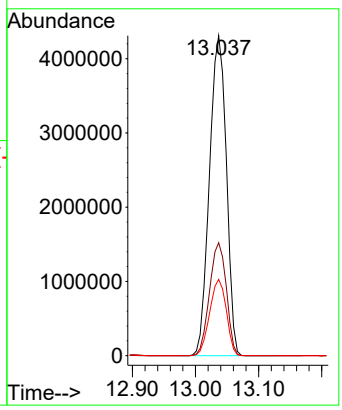




#45
2-Fluorobiphenyl
Concen: 144.776 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:172 Resp: 802195

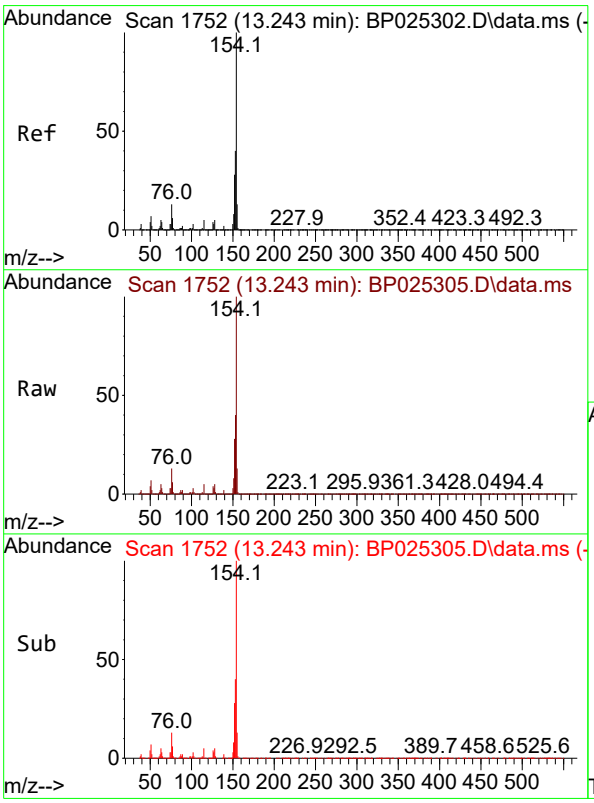
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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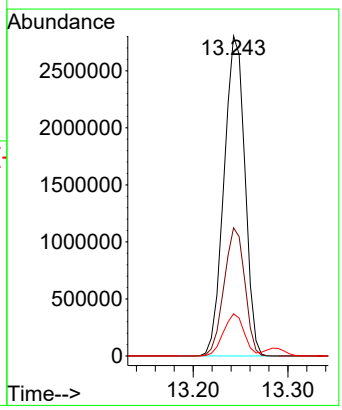
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

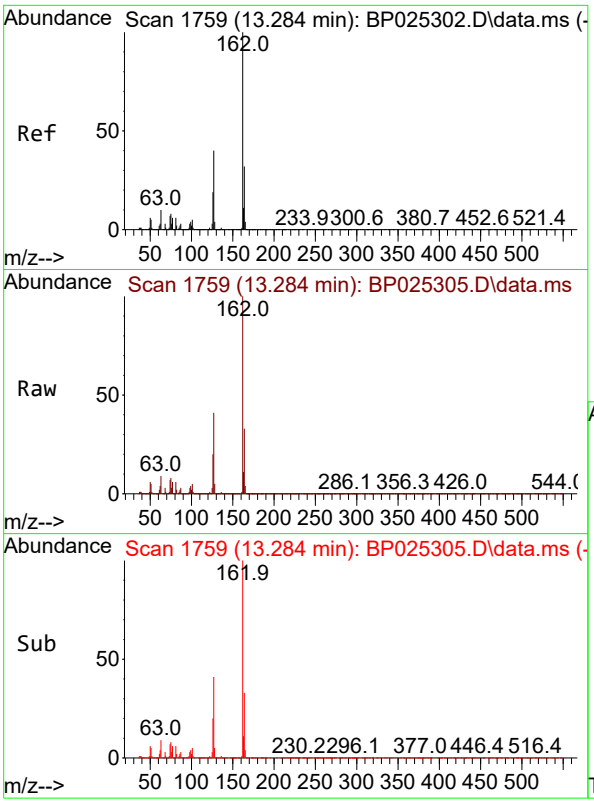


#46
1,1'-Biphenyl
Concen: 75.702 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:154 Resp: 4292450

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.9	59.9
76	13.2	0.0	33.2

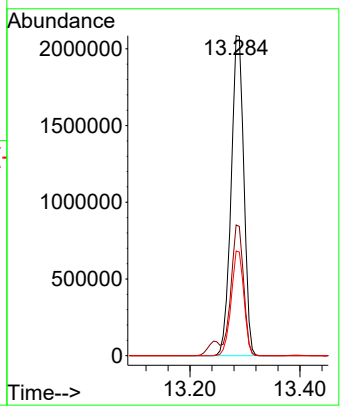




#47
2-Chloronaphthalene
Concen: 77.444 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:162 Resp: 335015

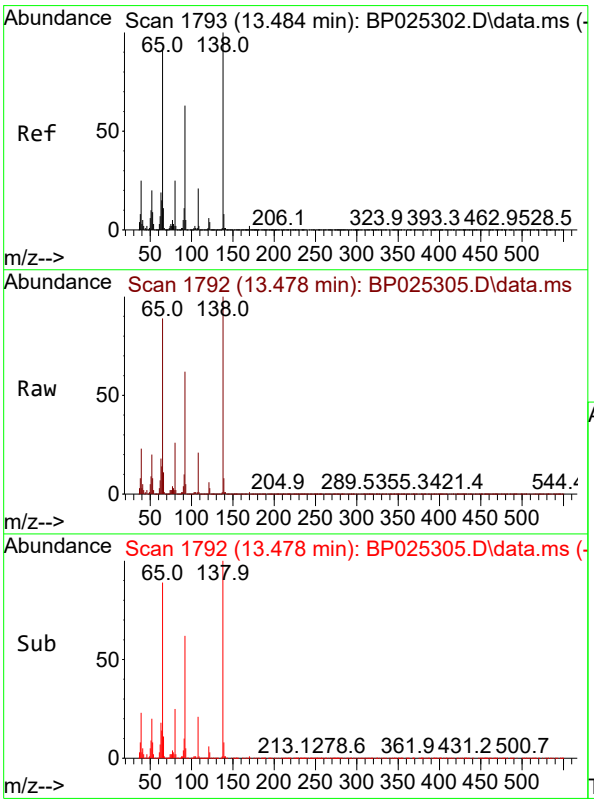
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.2	48.2
164	32.7	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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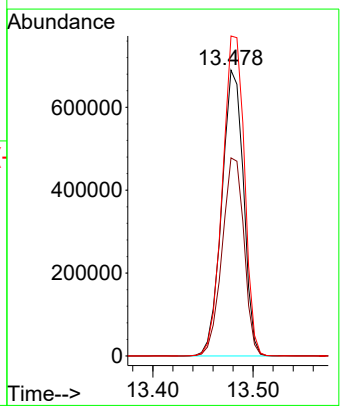
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

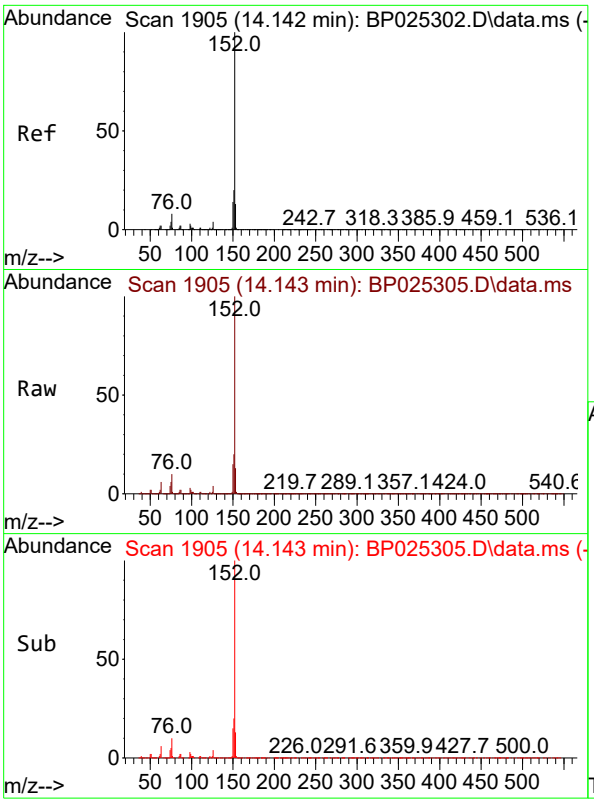


#48
2-Nitroaniline
Concen: 79.733 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 65 Resp: 1036853

Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.4	81.6
138	112.0	87.0	130.4





#49
Acenaphthylene
Concen: 76.758 ng
RT: 14.143 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

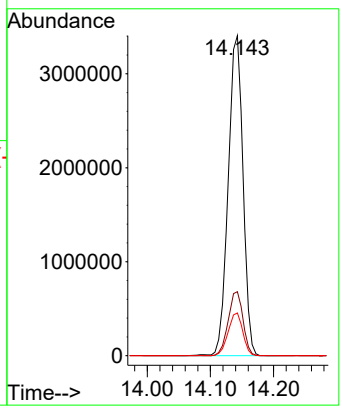
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

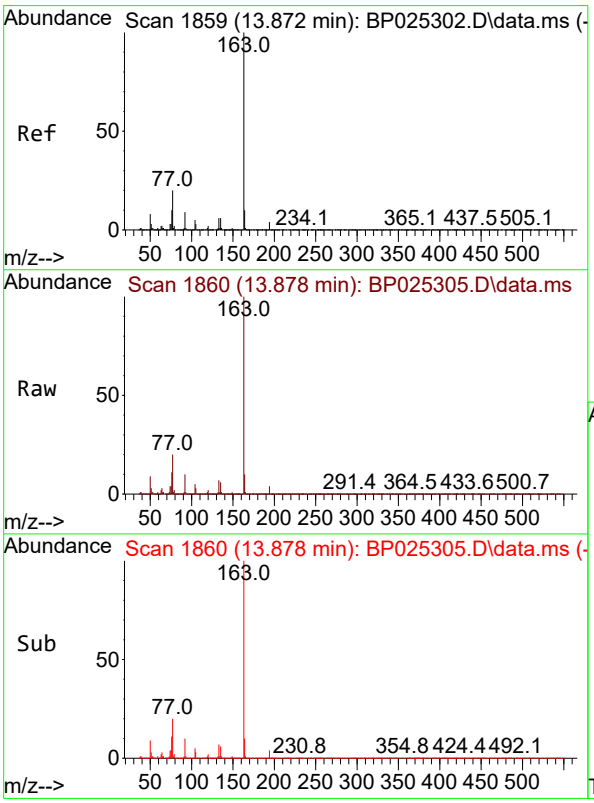
Tgt Ion:152 Resp: 553869

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.4	10.4	15.6

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

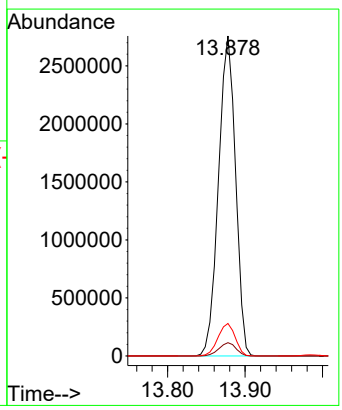


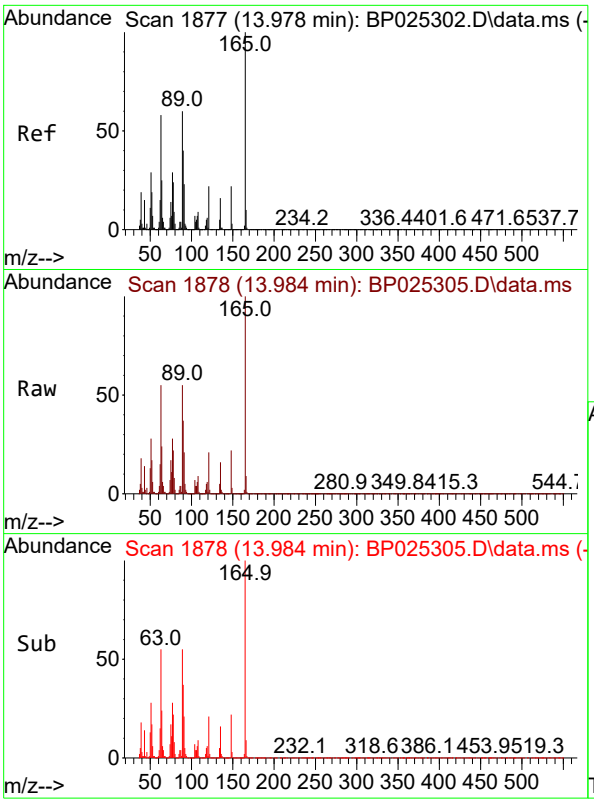


#50
Dimethylphthalate
Concen: 75.353 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:163 Resp: 4226530

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 90.453 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

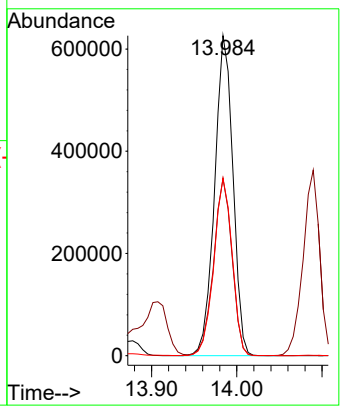
Tgt Ion:165 Resp: 93581

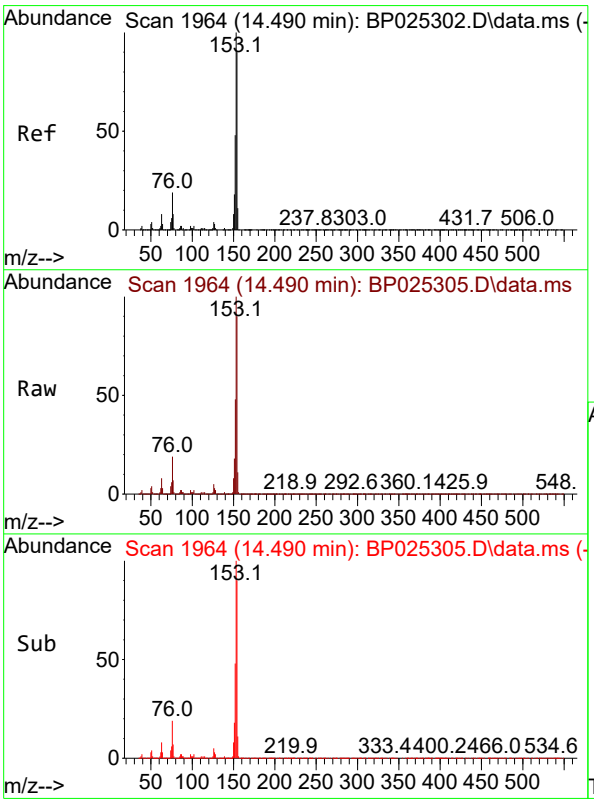
Ion	Ratio	Lower	Upper
165	100		
63	55.3	47.6	71.4
89	55.4	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

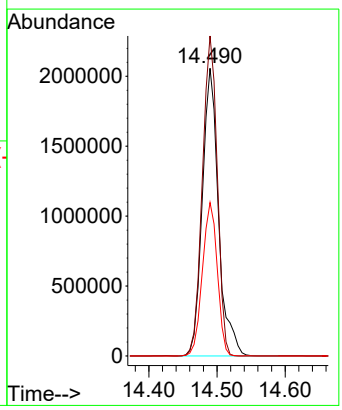


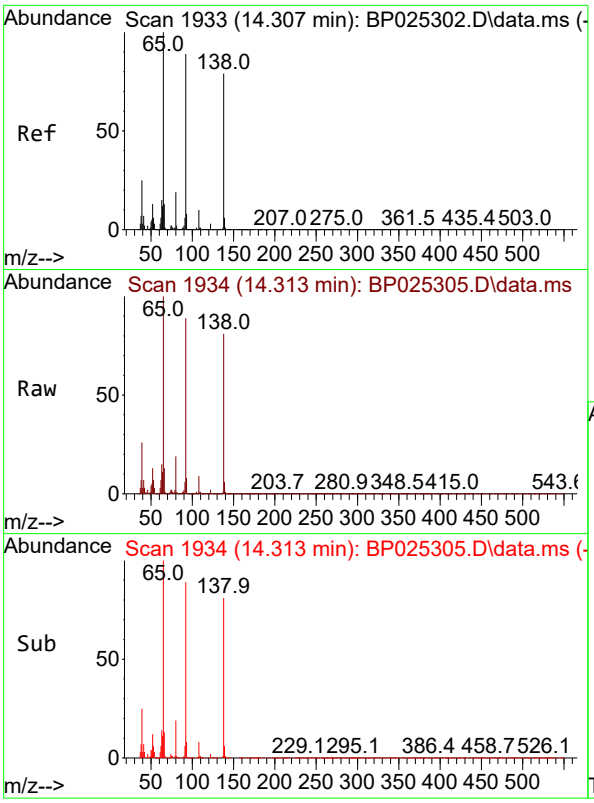


#52
Acenaphthene
Concen: 77.379 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:154 Resp: 3405740

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.3	43.0	64.6

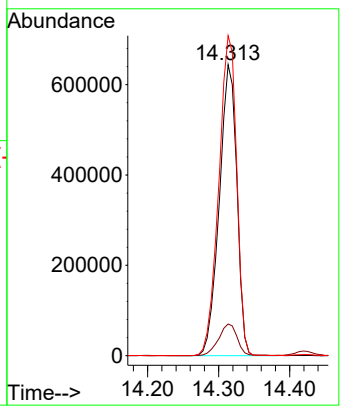




#53
3-Nitroaniline
Concen: 91.252 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:138 Resp: 110470

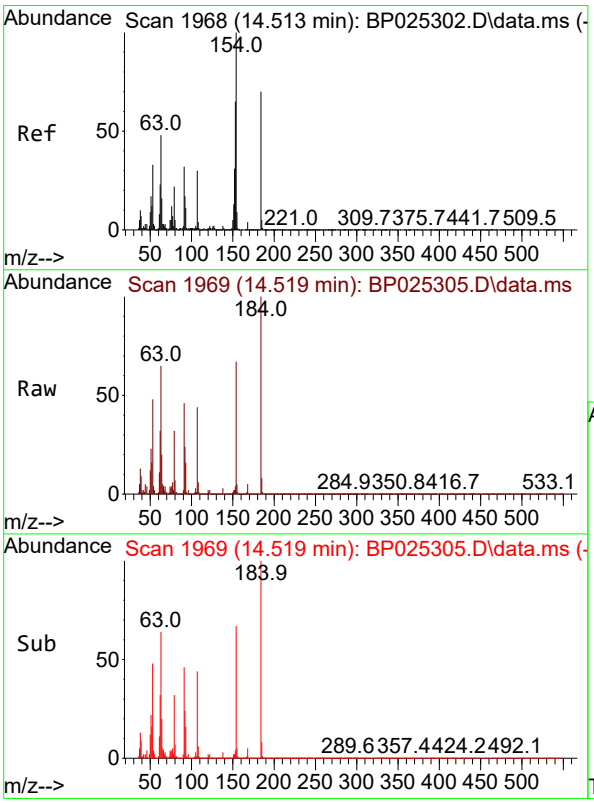
Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.5	15.7
92	109.9	90.9	136.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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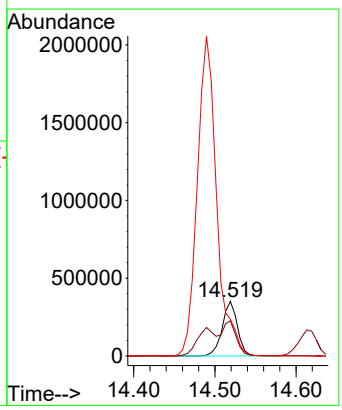
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

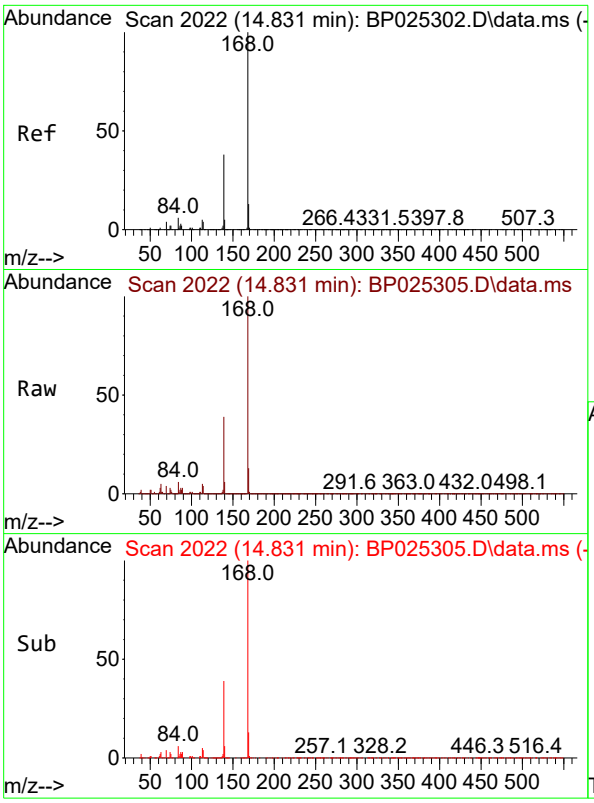


#54
2,4-Dinitrophenol
Concen: 79.662 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:184 Resp: 457765

Ion	Ratio	Lower	Upper
184	100		
63	64.6	56.3	84.5
154	67.5	124.5	186.7#

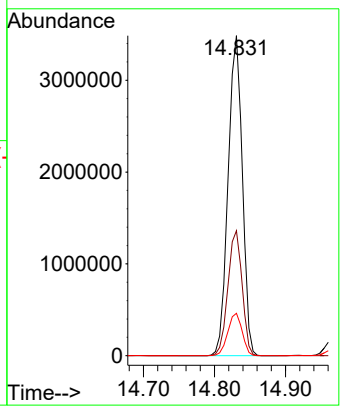




#55
Dibenzofuran
Concen: 73.640 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:168 Resp: 484360

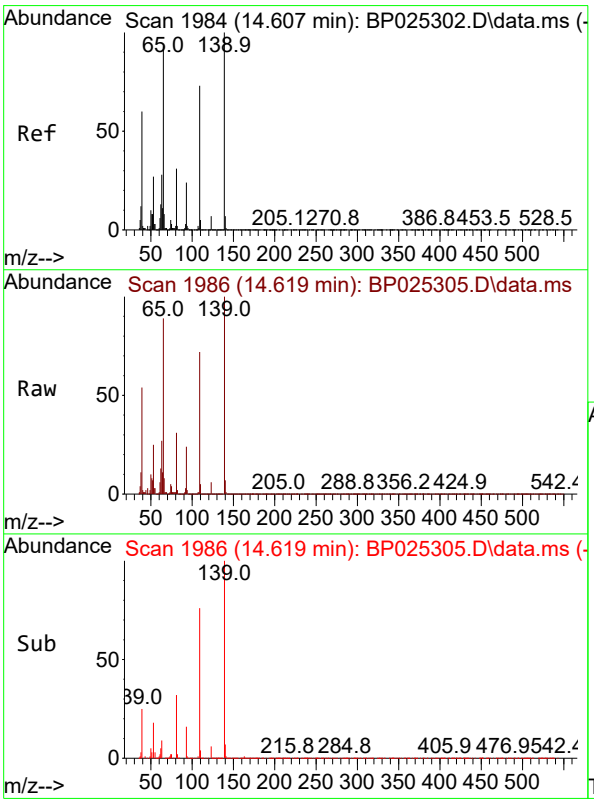
Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.5	45.7
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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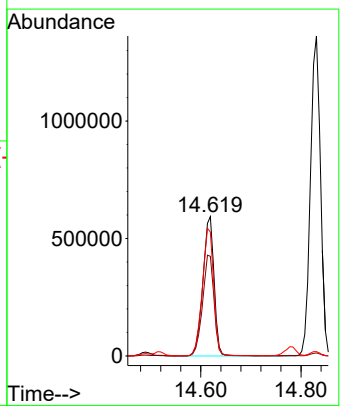
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

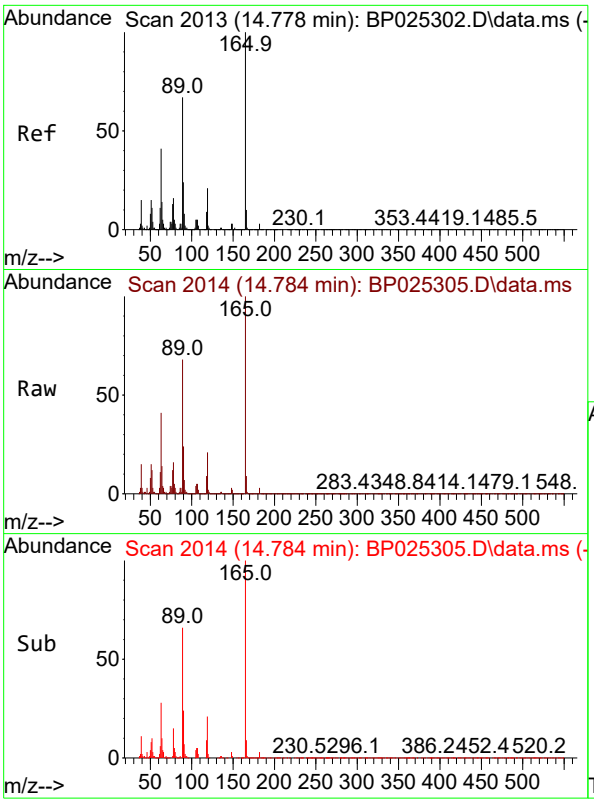


#56
4-Nitrophenol
Concen: 85.952 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:139 Resp: 918340

Ion	Ratio	Lower	Upper
139	100		
109	71.5	52.7	92.7
65	88.9	73.4	113.4

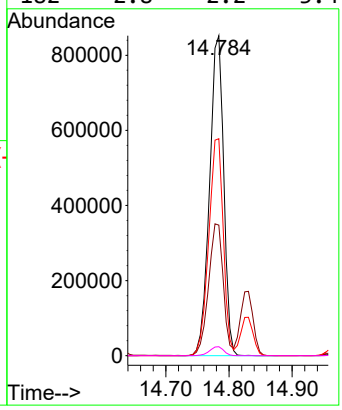




#57
2,4-Dinitrotoluene
Concen: 80.213 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:165 Resp: 132402

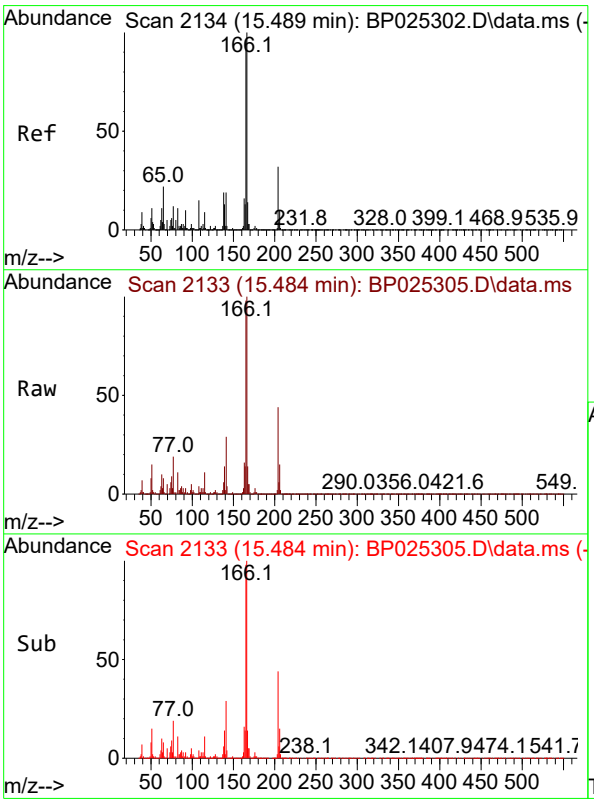
Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.2	49.8
89	67.8	53.5	80.3
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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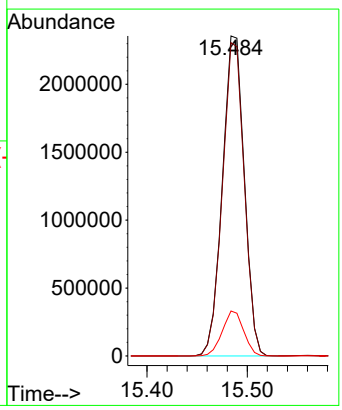
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

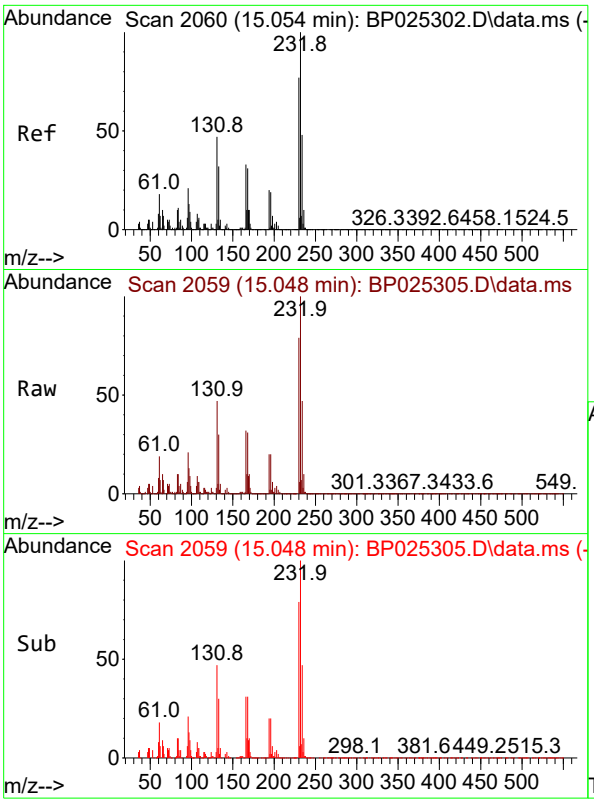


#58
Fluorene
Concen: 69.303 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:166 Resp: 3580163

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.7	115.1
167	14.0	10.9	16.3

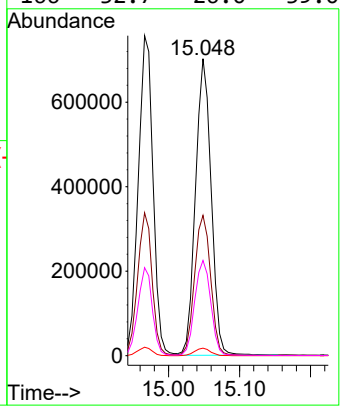




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.394 ng
RT: 15.048 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:232 Resp: 107947

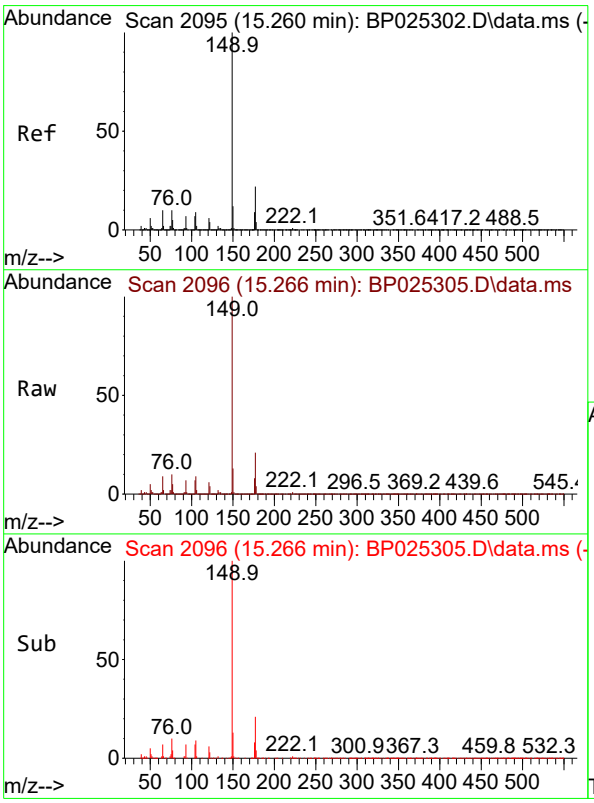
Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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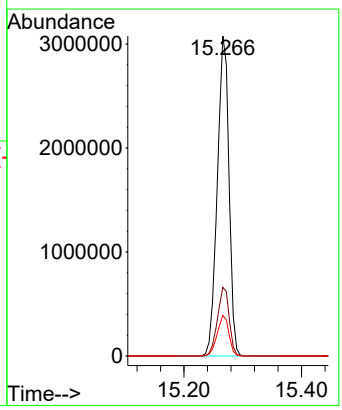
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

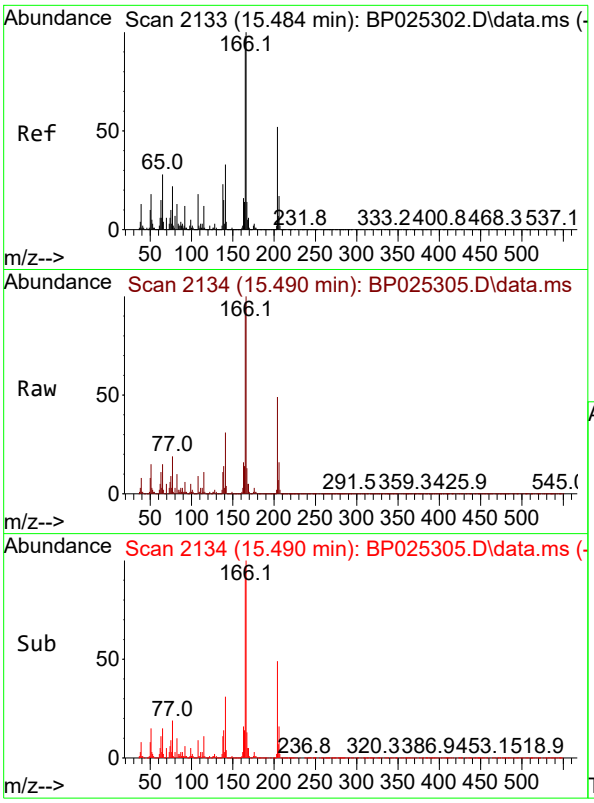


#60
Diethylphthalate
Concen: 75.138 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 4248904

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.8	14.8

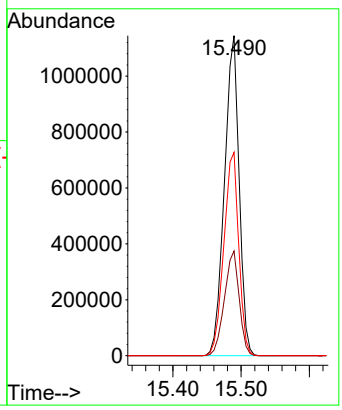




#61
4-Chlorophenyl-phenylether
Concen: 70.093 ng
RT: 15.490 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:204 Resp: 171662

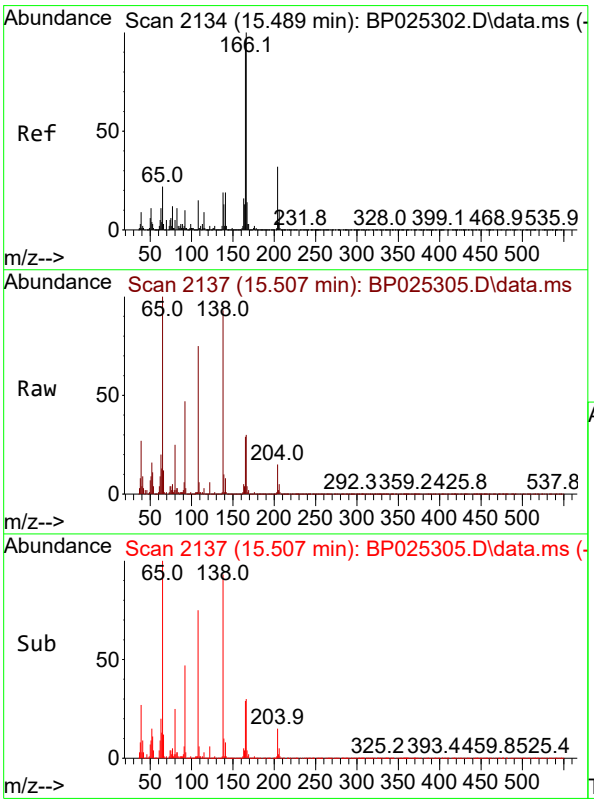
Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	63.6	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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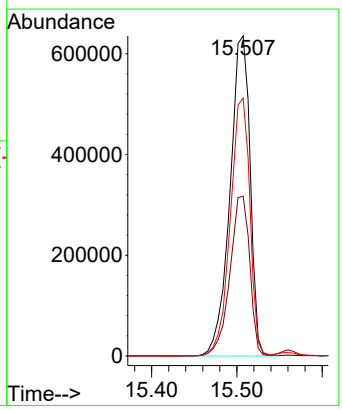
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

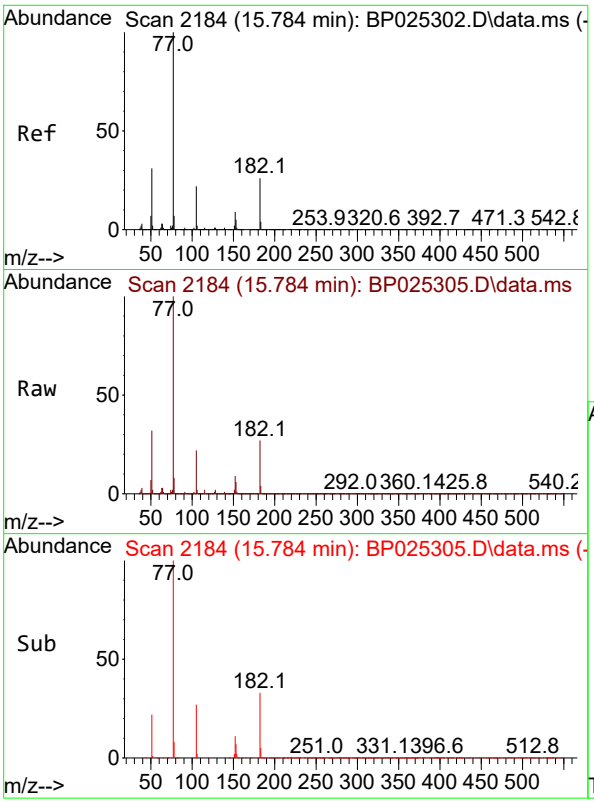


#62
4-Nitroaniline
Concen: 86.933 ng
RT: 15.507 min Scan# 2137
Delta R.T. 0.018 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:138 Resp: 1042796

Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.8	69.8
108	80.5	56.6	96.6

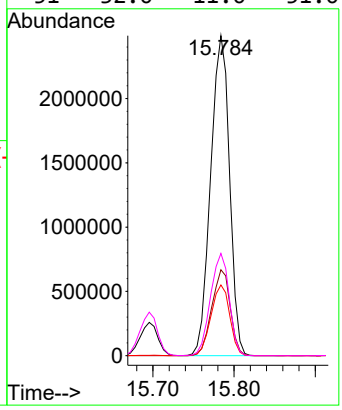




#63
Azobenzene
Concen: 76.490 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 401824

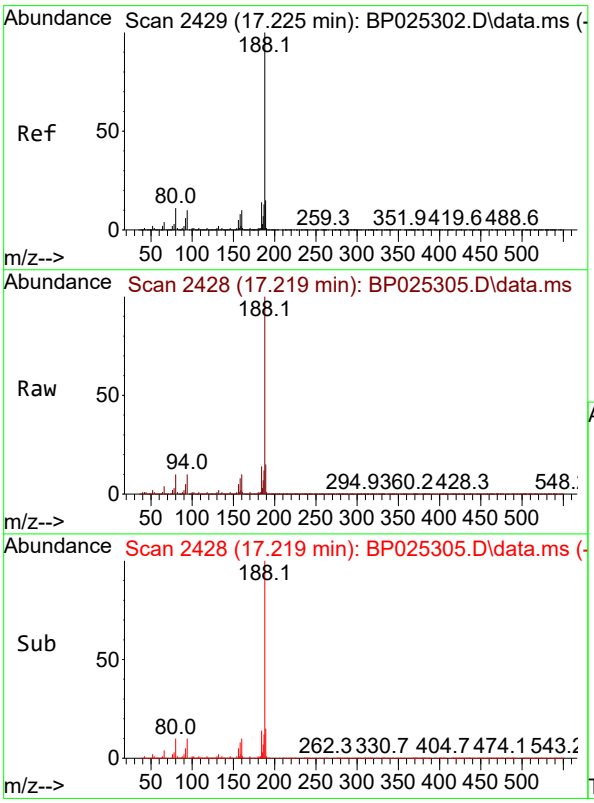
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	22.1	2.1	42.1
51	32.0	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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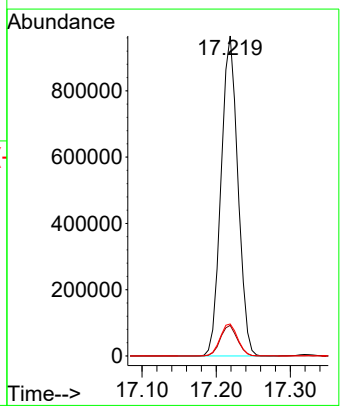
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

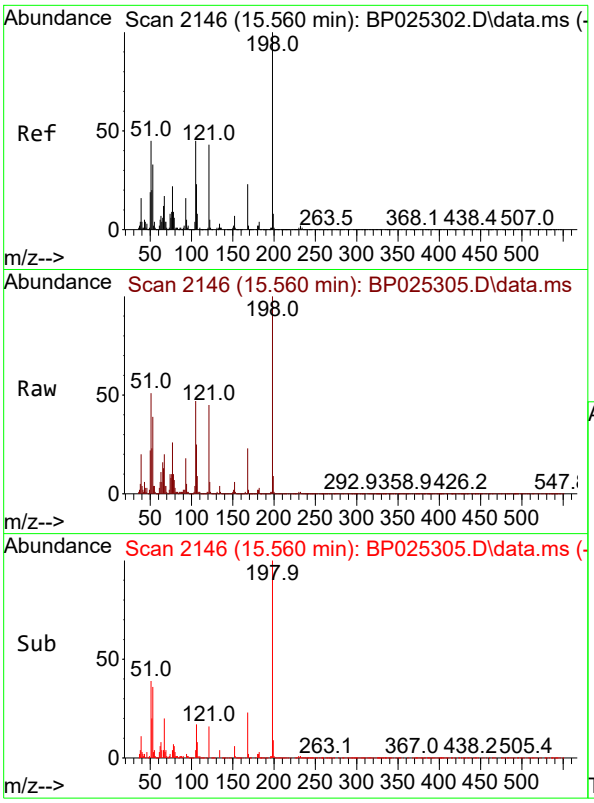


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:188 Resp: 1520824

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.0	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 78.886 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

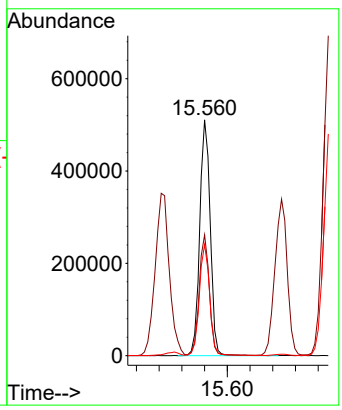
Tgt Ion:198 Resp: 65349

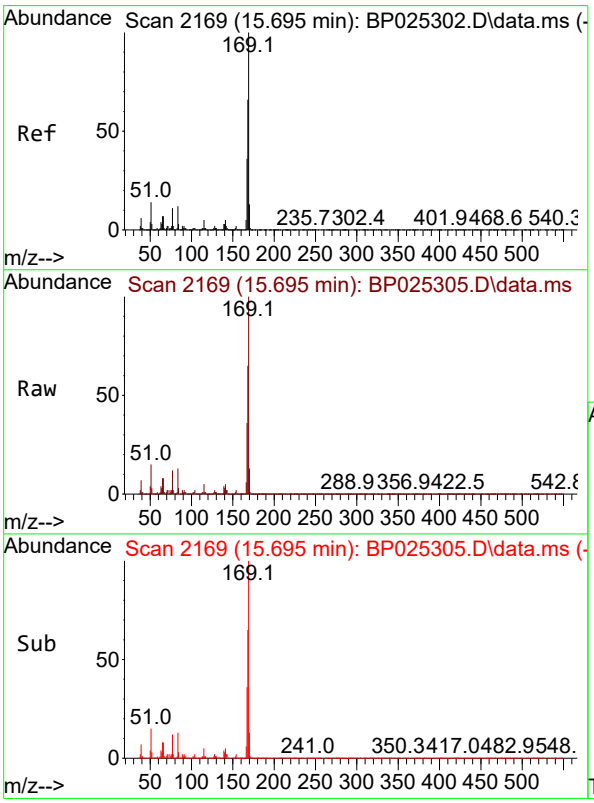
Ion	Ratio	Lower	Upper
198	100		
51	51.2	26.7	66.7
105	47.2	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 08/06/2025
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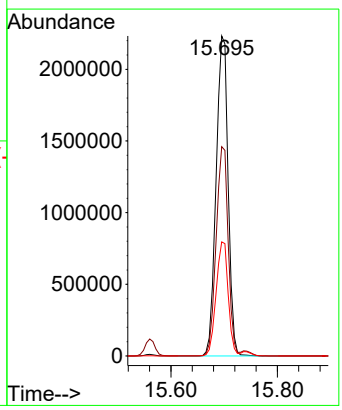


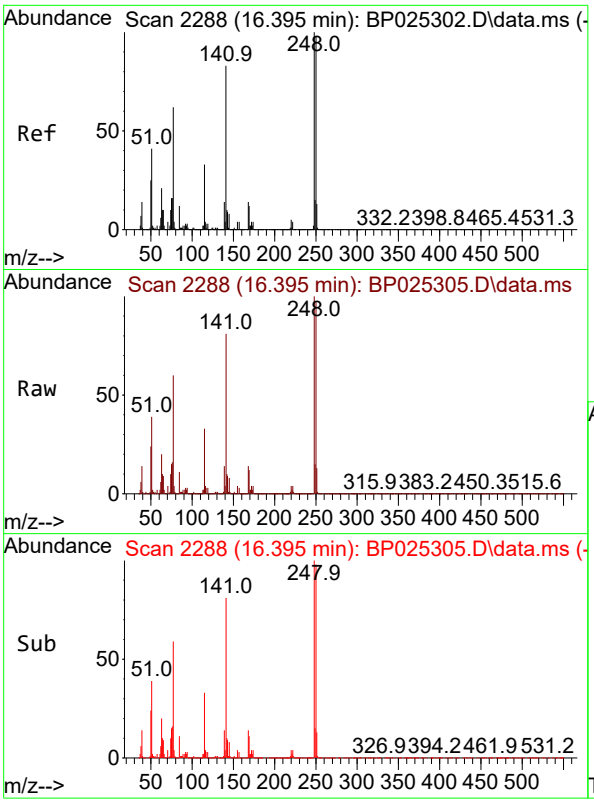


#66
n-Nitrosodiphenylamine
Concen: 75.135 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:169 Resp: 3479218

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	35.7	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 76.943 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

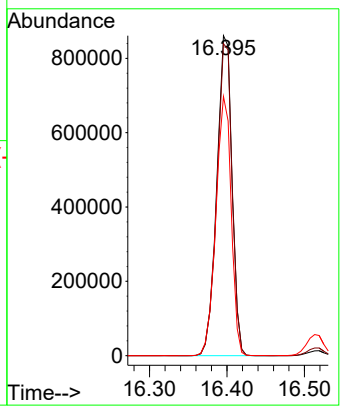
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

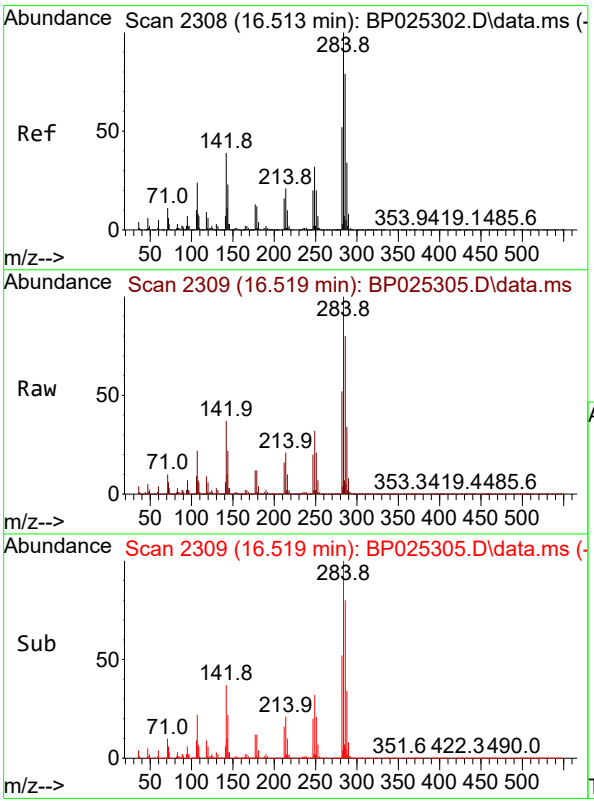
Tgt Ion:248 Resp: 117739

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.6	117.8
141	81.0	66.6	99.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 08/06/2025

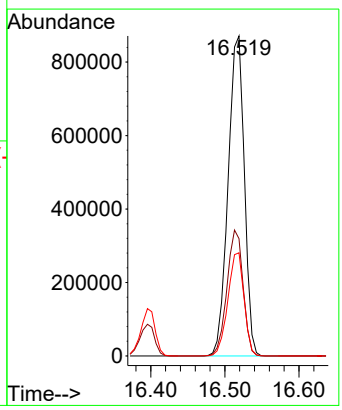


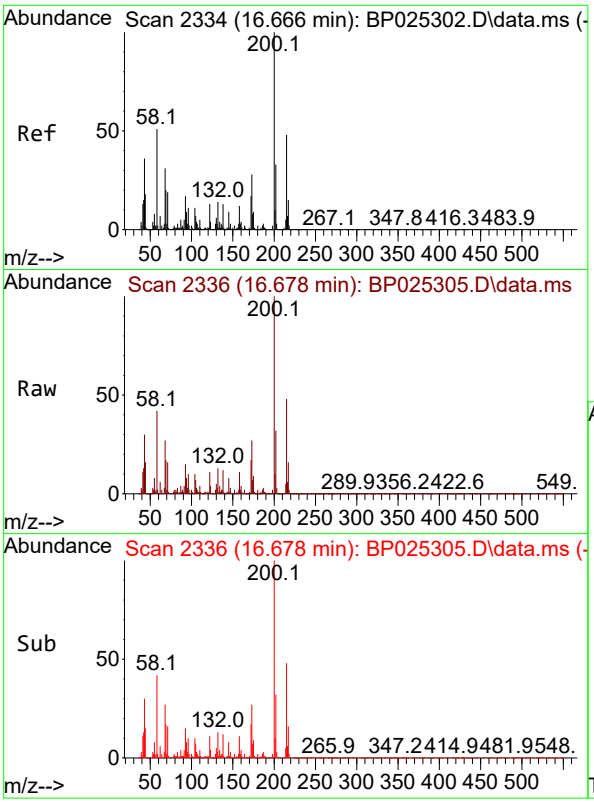


#68
Hexachlorobenzene
Concen: 77.280 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:284 Resp: 1326894

Ion	Ratio	Lower	Upper
284	100		
142	36.6	30.8	46.2
249	32.2	25.4	38.0

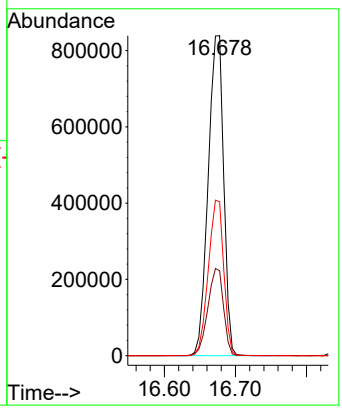




#69
Atrazine
Concen: 78.187 ng
RT: 16.678 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:200 Resp: 127325

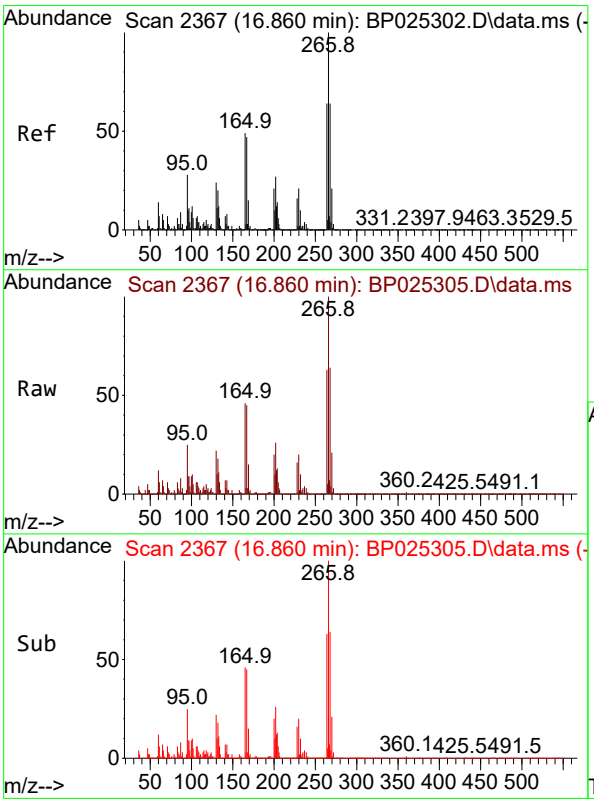
Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.2	48.2
215	48.1	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

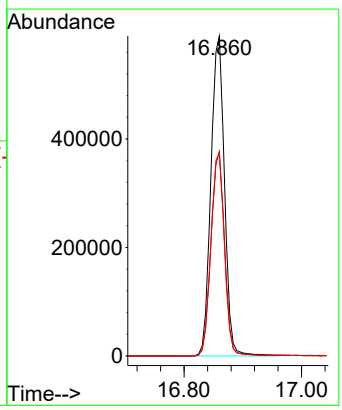
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

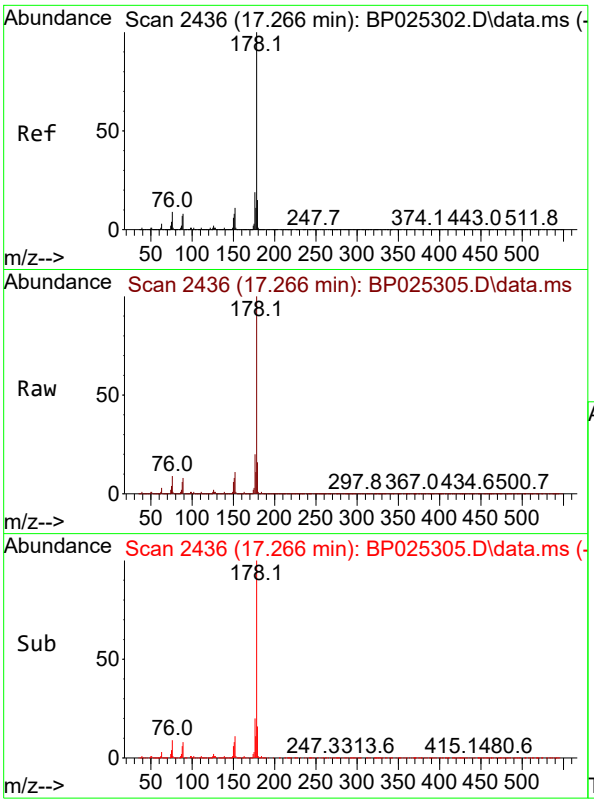


#70
Pentachlorophenol
Concen: 86.531 ng
RT: 16.860 min Scan# 2367
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:266 Resp: 946571

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	63.4	51.1	76.7

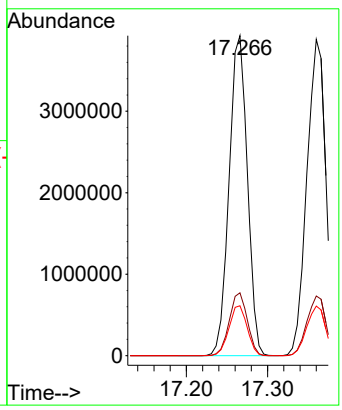




#71
Phenanthrene
Concen: 73.575 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:178 Resp: 612856

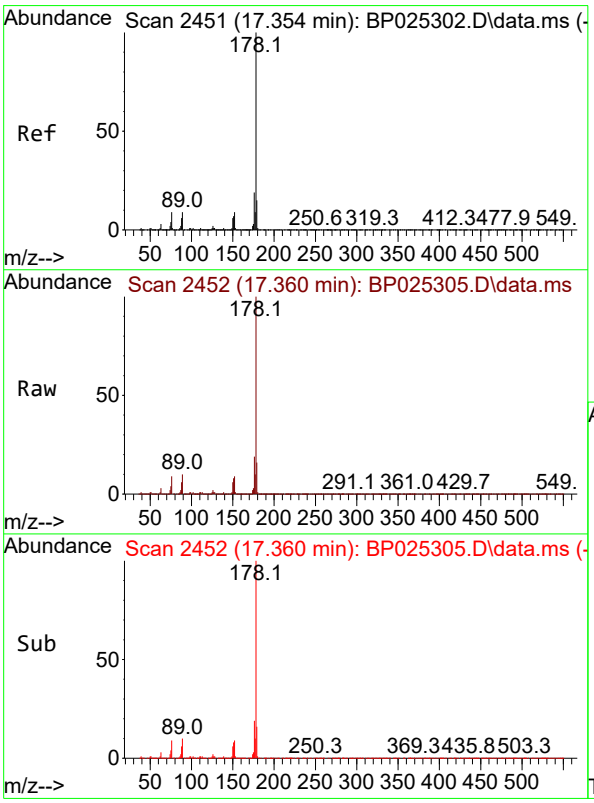
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.6	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

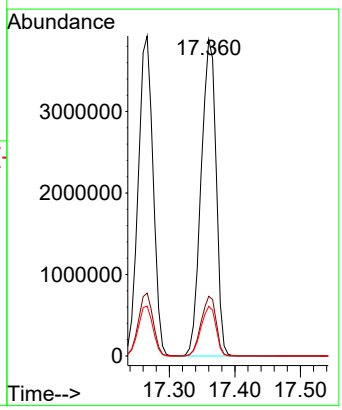
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

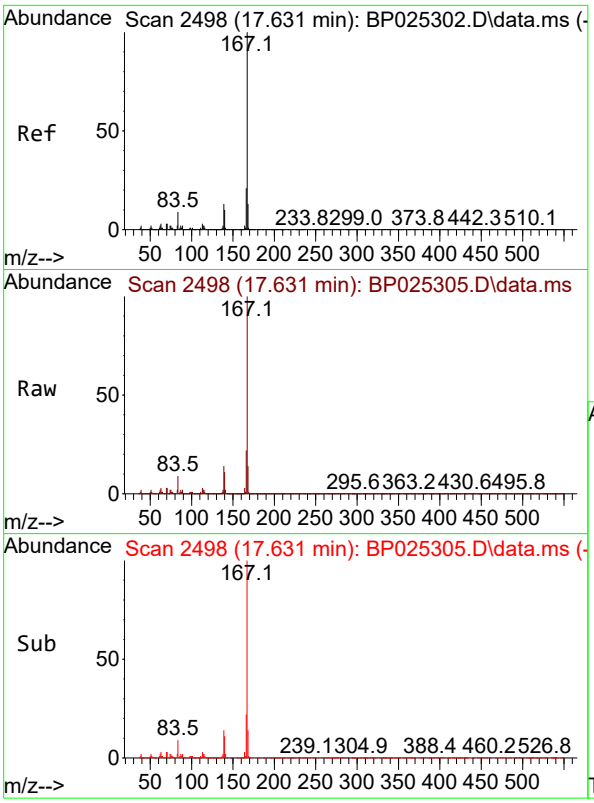


#72
Anthracene
Concen: 73.651 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:178 Resp: 6185852

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.7	12.3	18.5

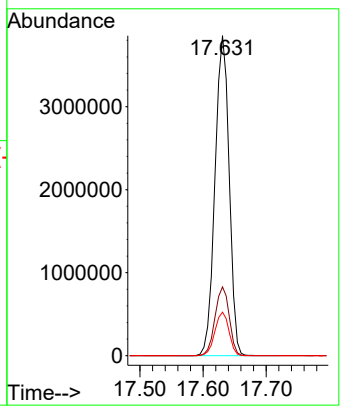




#73
Carbazole
Concen: 74.355 ng
RT: 17.631 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:167 Resp: 599470

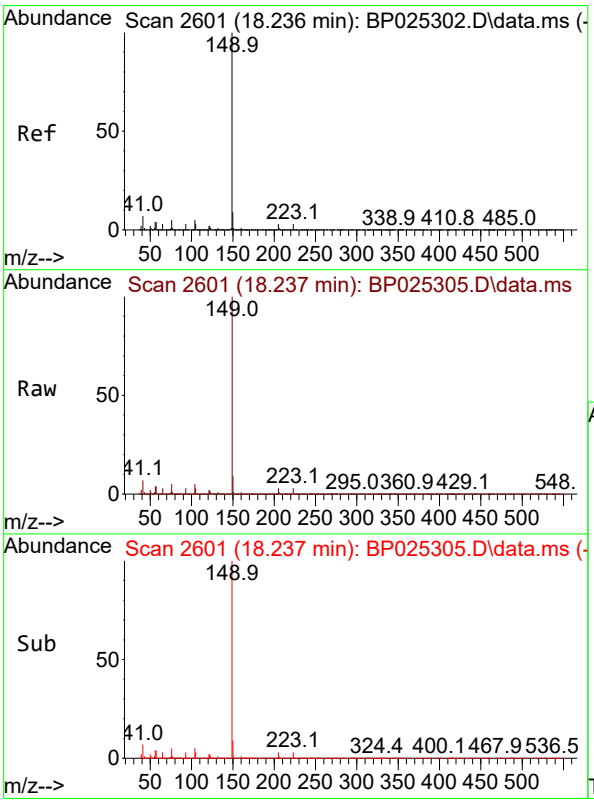
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.6	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

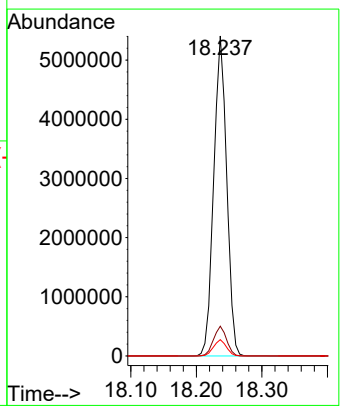
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

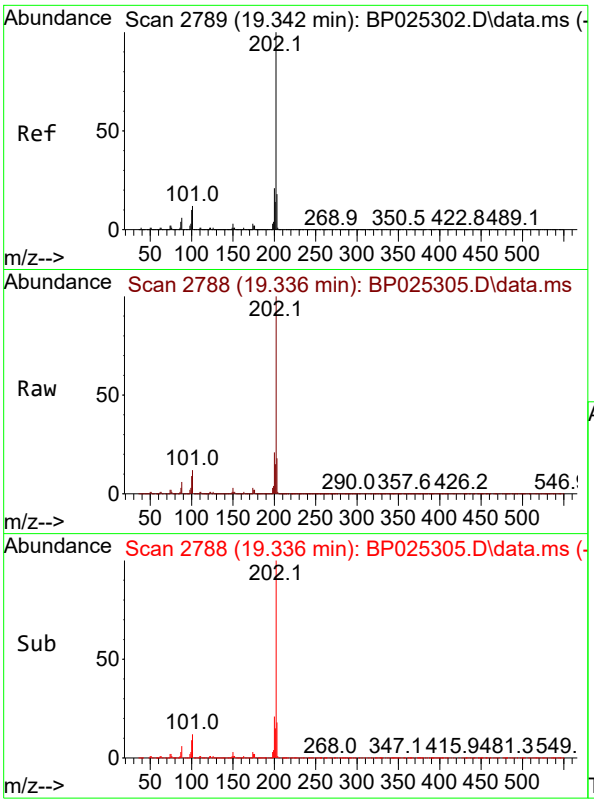


#74
Di-n-butylphthalate
Concen: 76.144 ng
RT: 18.237 min Scan# 2601
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 7426722

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1

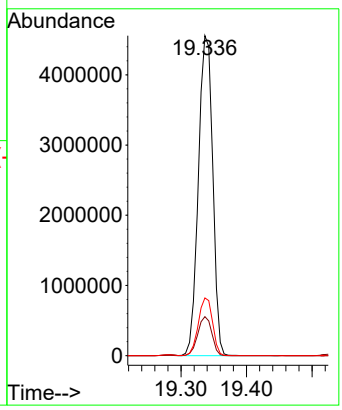




#75
Fluoranthene
Concen: 72.098 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:202 Resp: 695215

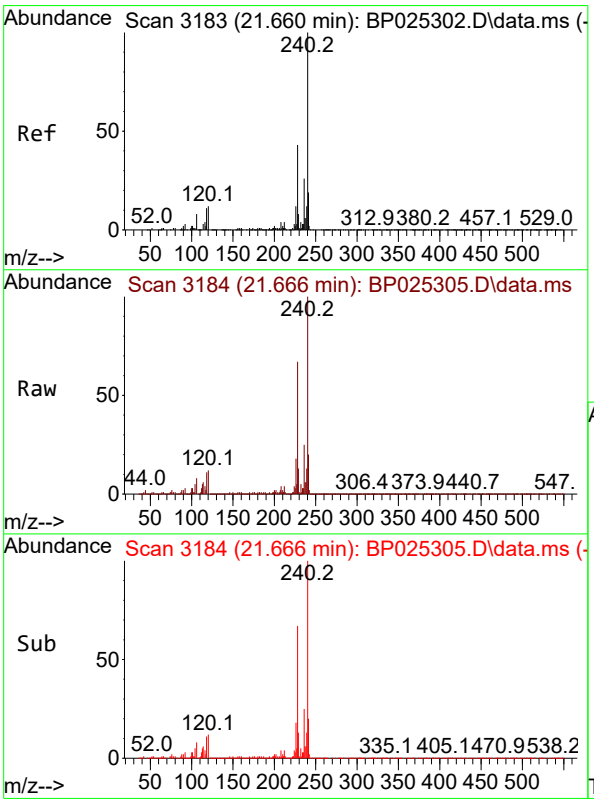
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.5
203	18.0	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

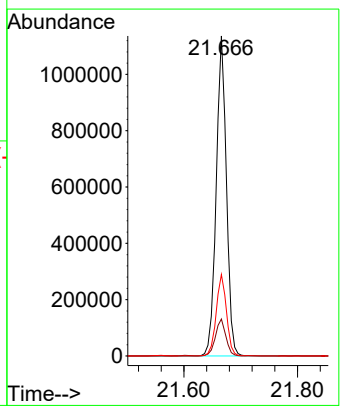
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

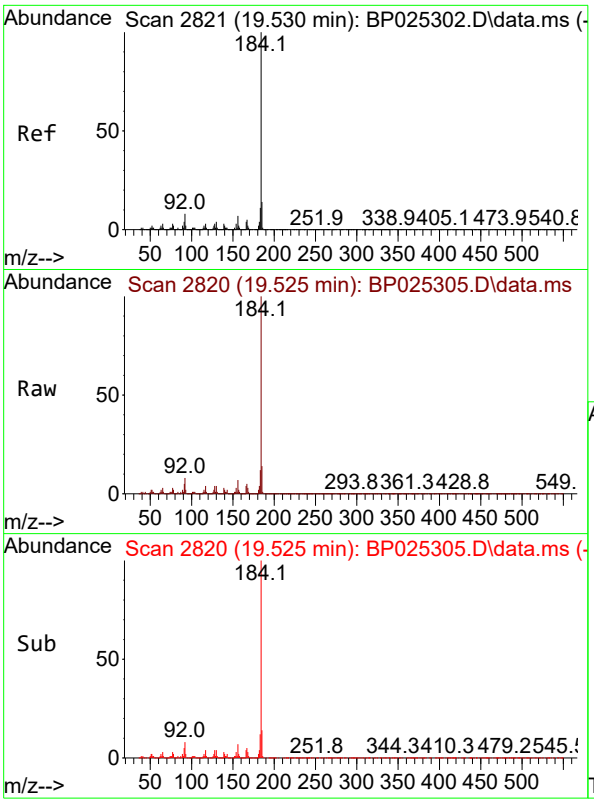


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:240 Resp: 1412527

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	25.5	20.4	30.6

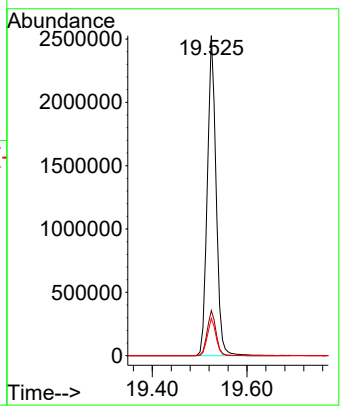




#77
Benzidine
Concen: 63.462 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:184 Resp: 3244549

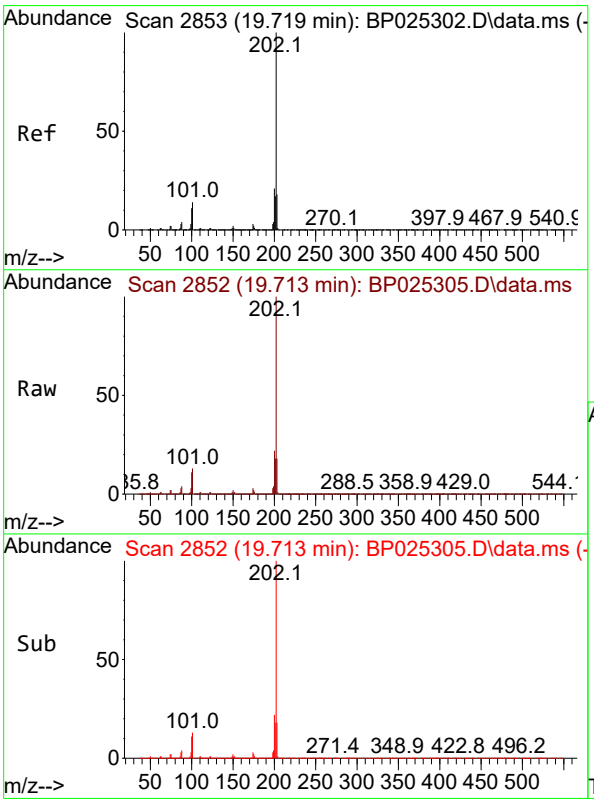
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.7	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

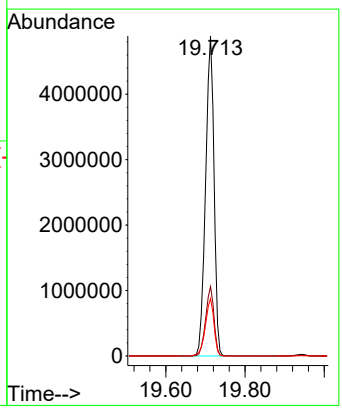
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

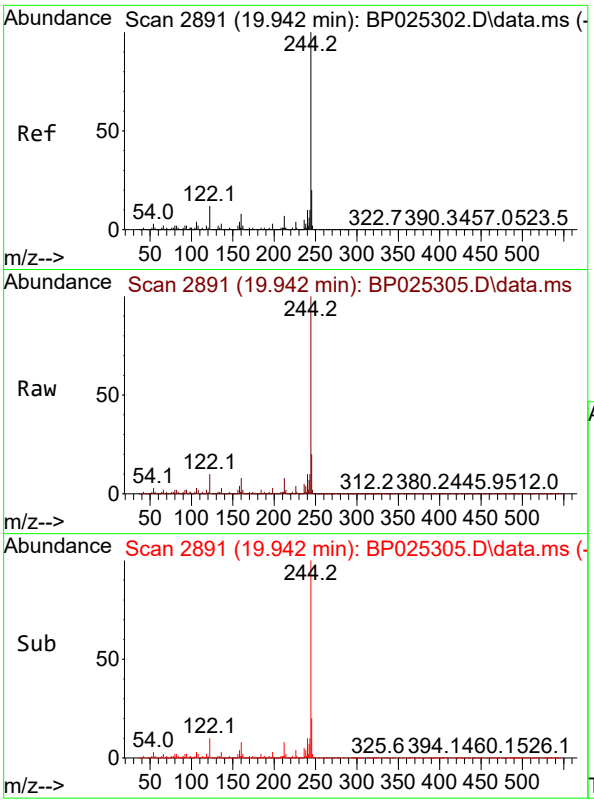


#78
Pyrene
Concen: 77.104 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:202 Resp: 7242380

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	18.0	14.1	21.1

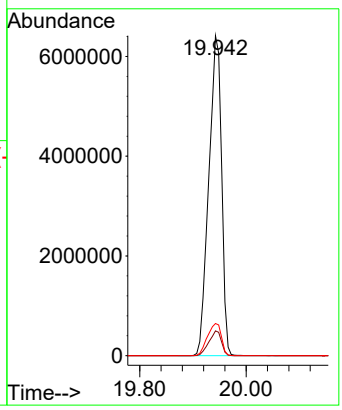




#79
Terphenyl-d14
Concen: 143.182 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:244 Resp:1070569

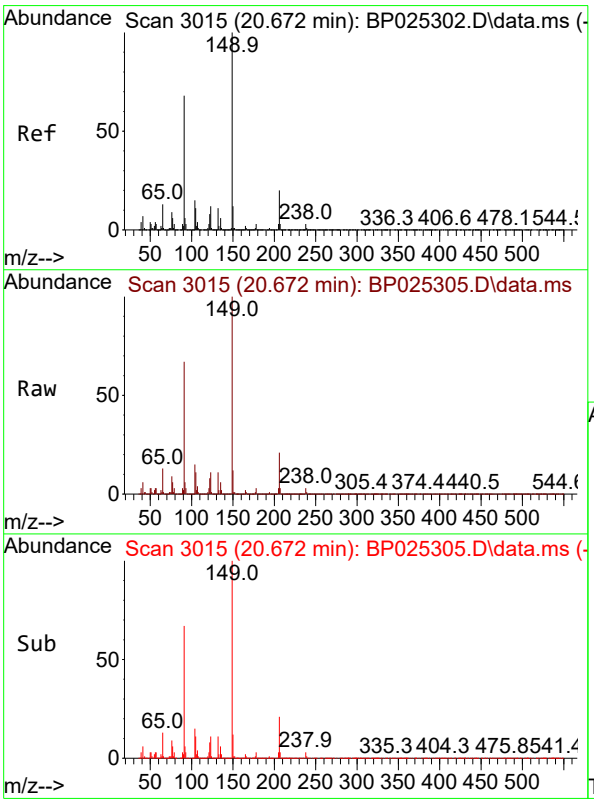
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

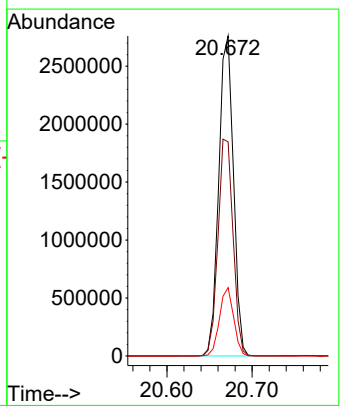
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

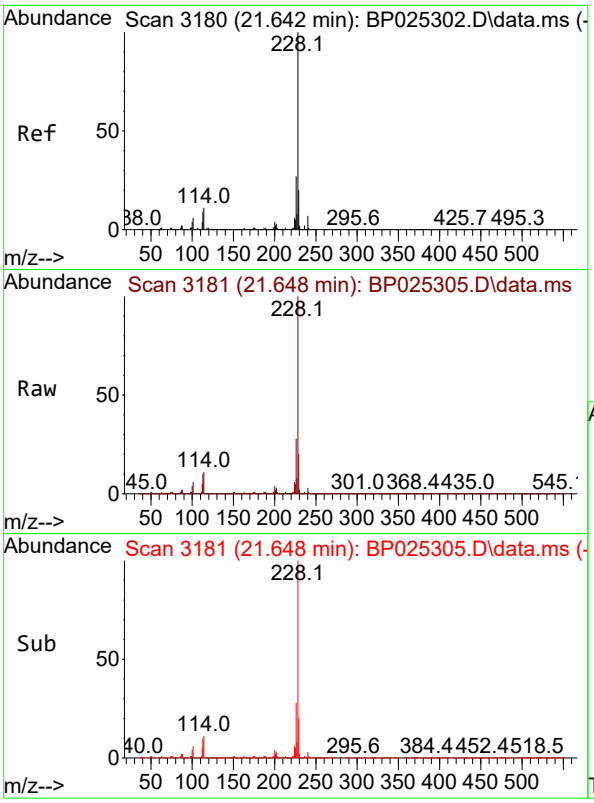


#80
Butylbenzylphthalate
Concen: 86.846 ng
RT: 20.672 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 3308374

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.7	82.1
206	21.4	16.4	24.6

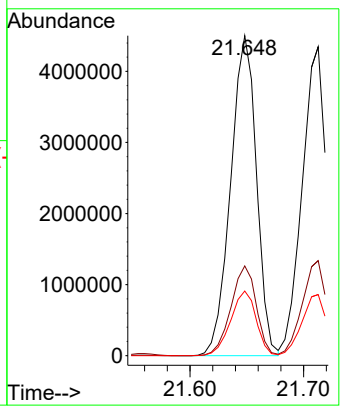




#81
Benzo(a)anthracene
Concen: 75.830 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:228 Resp: 711786

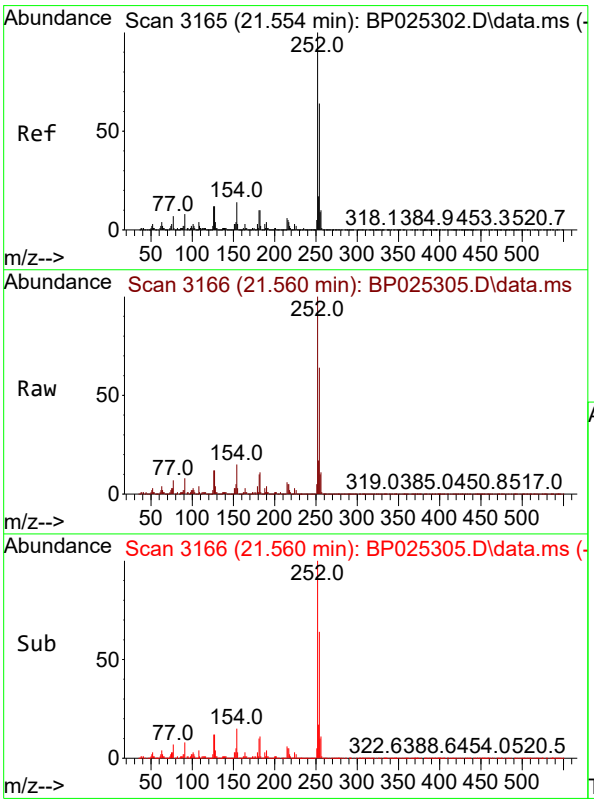
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

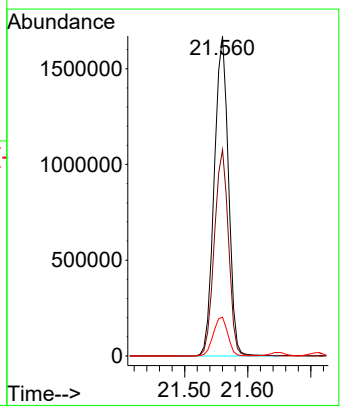
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

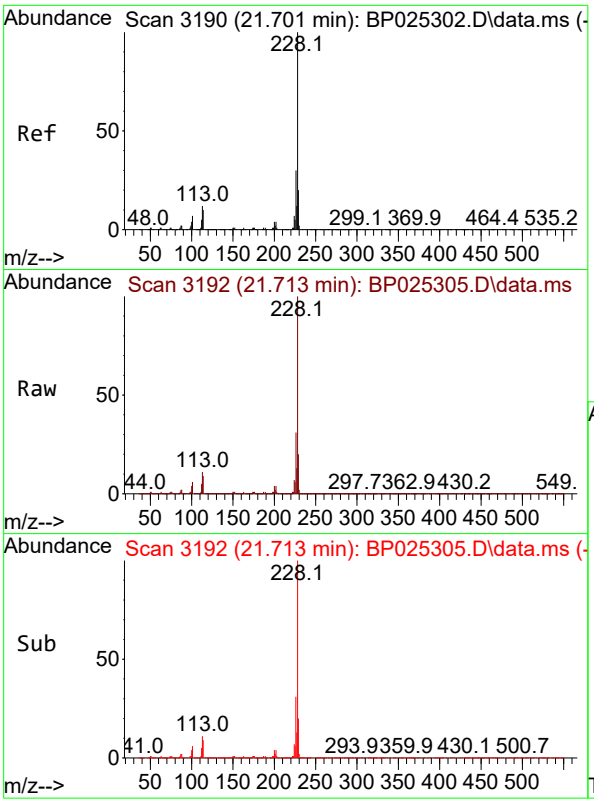


#82
3,3'-Dichlorobenzidine
Concen: 78.640 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 2604409

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	12.1	9.4	14.2

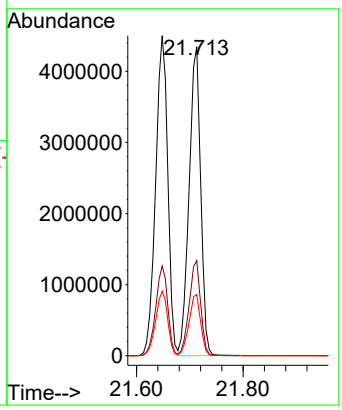




#83
Chrysene
Concen: 75.596 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:228 Resp: 658149

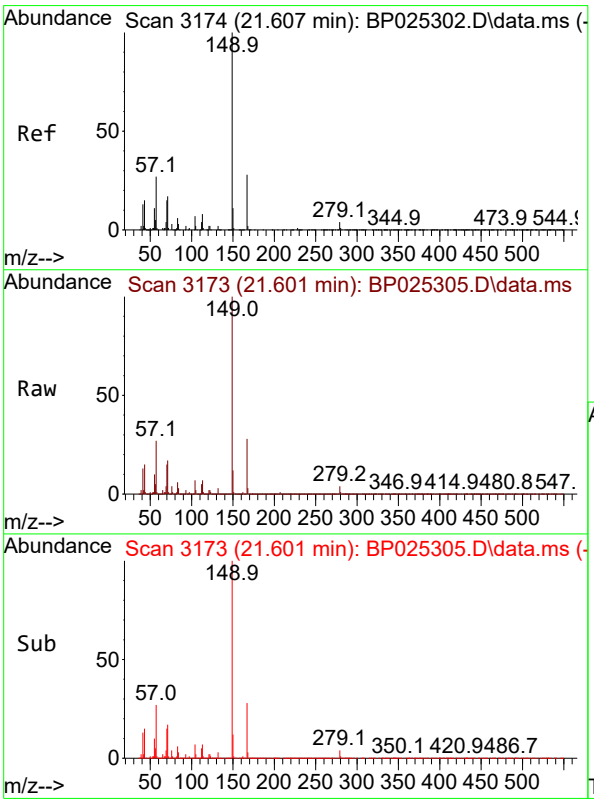
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

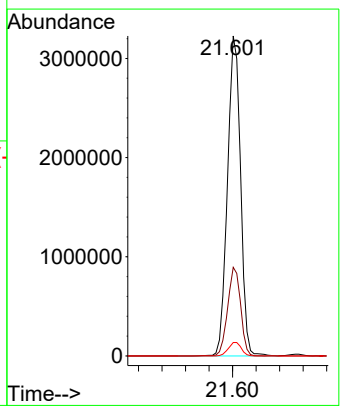
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

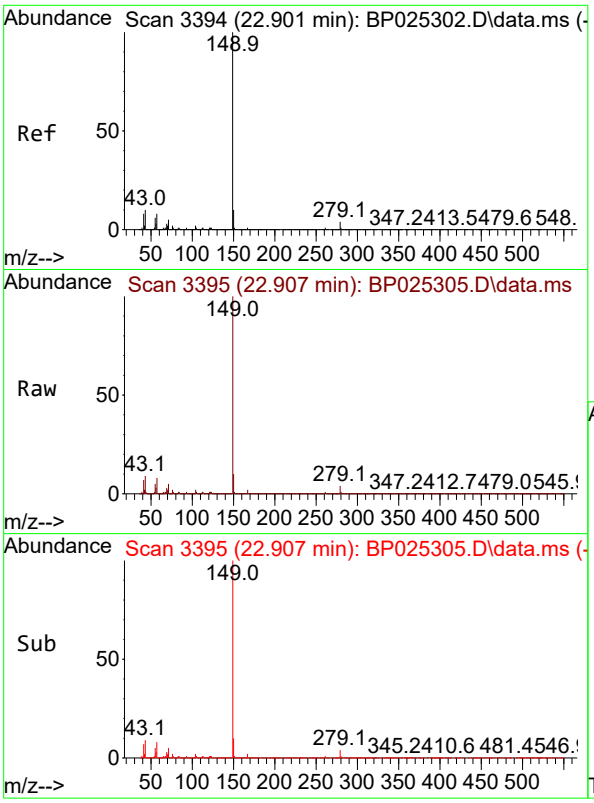


#84
Bis(2-ethylhexyl)phthalate
Concen: 81.923 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 4983234

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.2	3.4	5.2

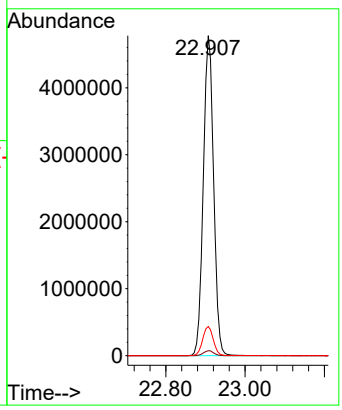




#85
Di-n-octyl phthalate
Concen: 84.688 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 862261

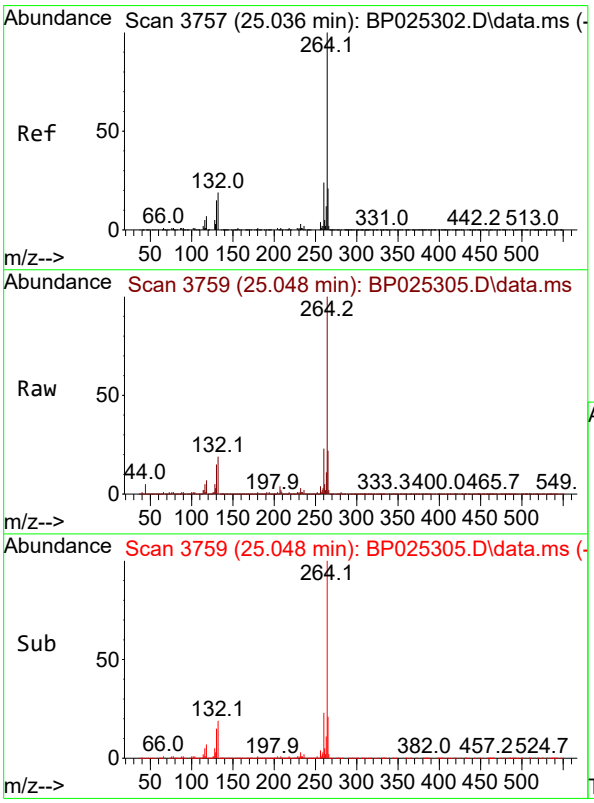
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

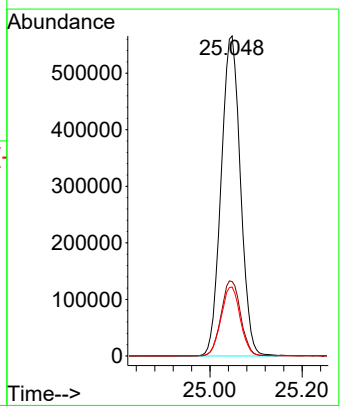
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

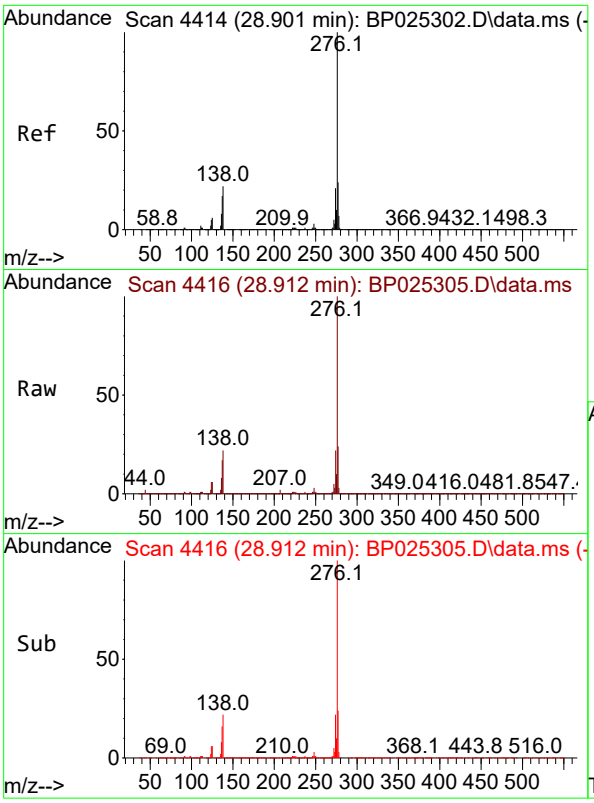


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:264 Resp: 1639865

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.1	25.7

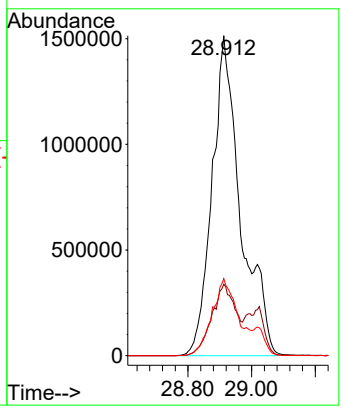




#87
Indeno(1,2,3-cd)pyrene
Concen: 80.231 ng m
RT: 28.912 min Scan# 4
Delta R.T. 0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:276 Resp: 944431

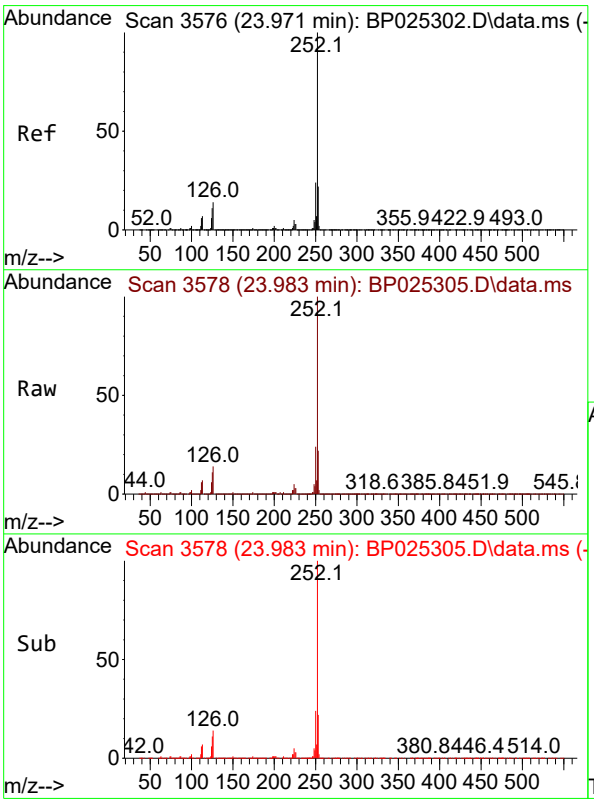
Ion	Ratio	Lower	Upper
276	100		
138	18.9	14.6	22.0
277	21.9	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

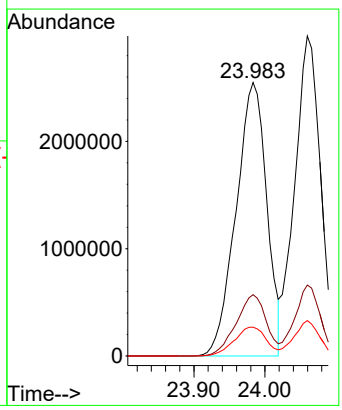
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

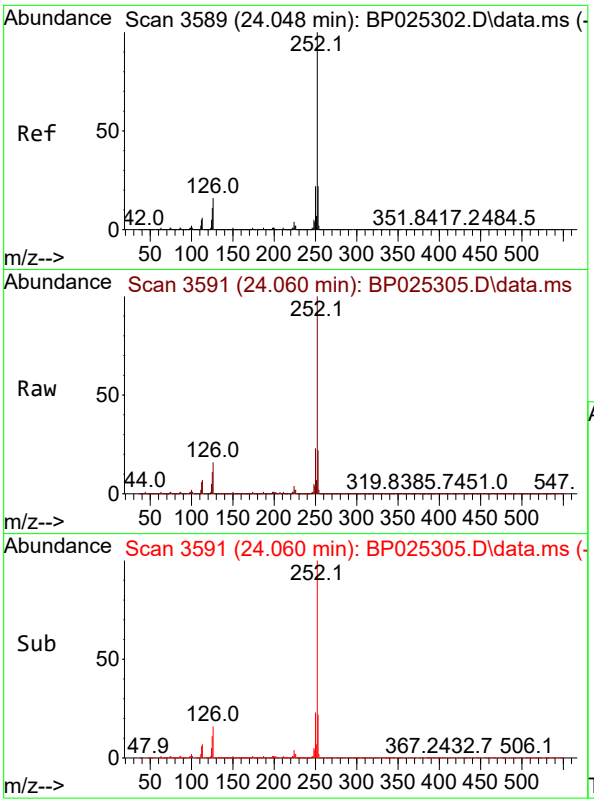


#88
Benzo(b)fluoranthene
Concen: 78.064 ng
RT: 23.983 min Scan# 3578
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 7663180

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.6	8.5	12.7

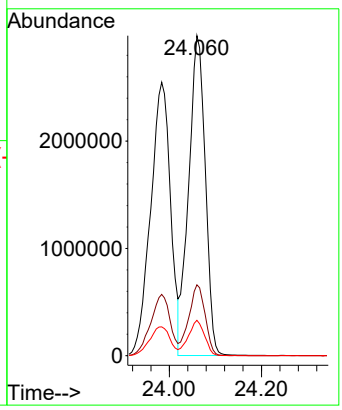




#89
Benzo(k)fluoranthene
Concen: 76.787 ng
RT: 24.060 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 747241

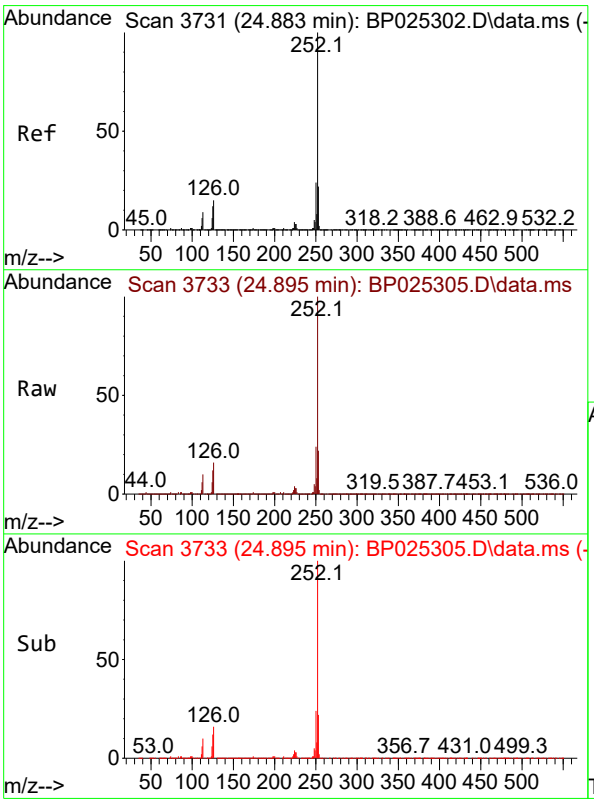
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.0	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

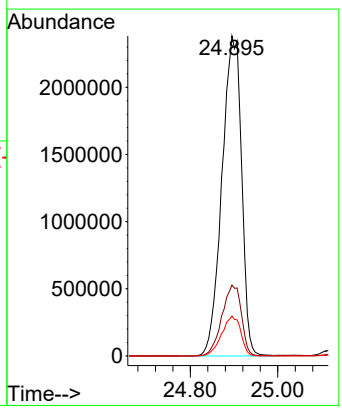
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

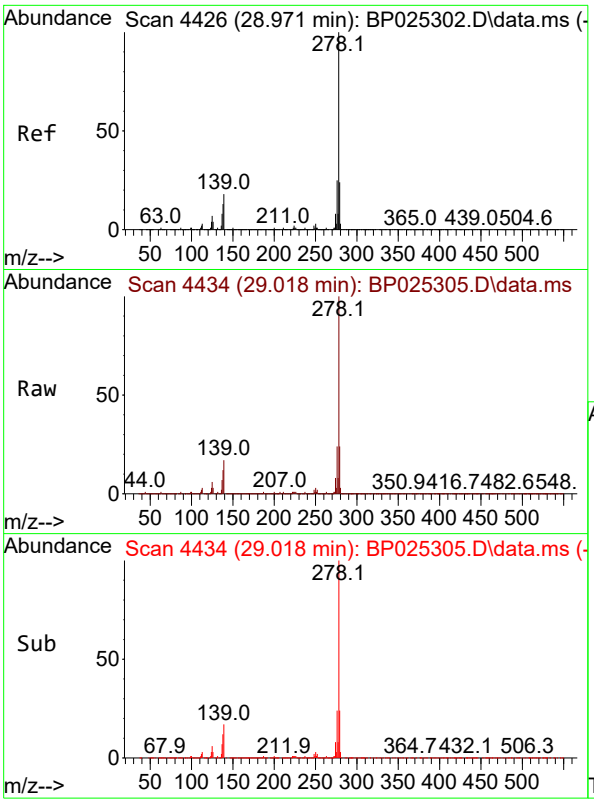


#90
Benzo(a)pyrene
Concen: 78.309 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 7402973

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.4	9.4	14.0

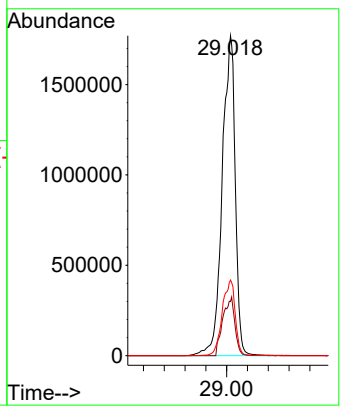




#91
Dibenzo(a,h)anthracene
Concen: 80.082 ng
RT: 29.018 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:278 Resp: 770895

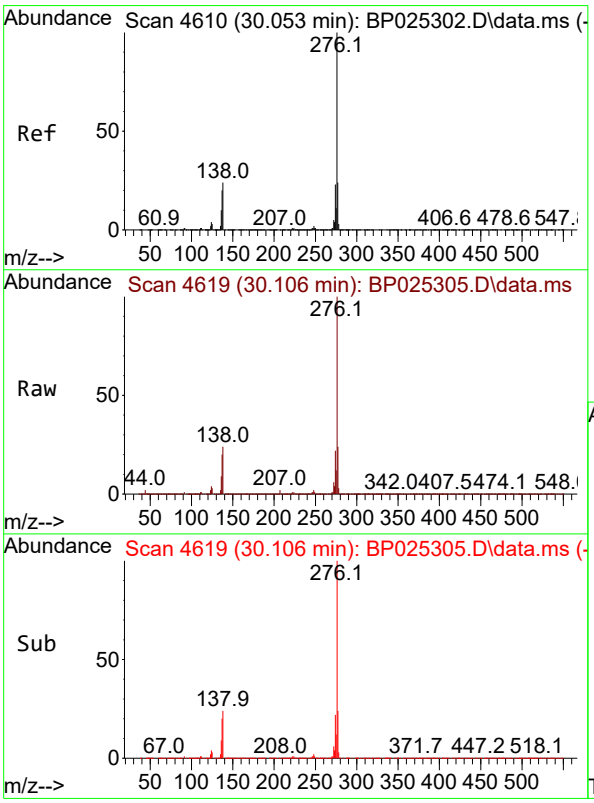
Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.6	22.0
279	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

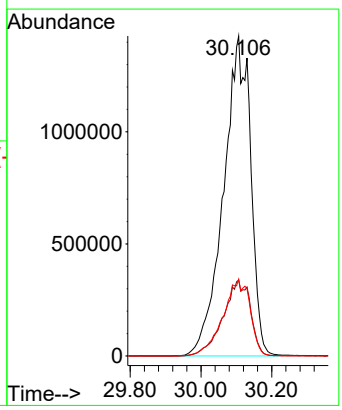
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 80.324 ng m
RT: 30.106 min Scan# 4619
Delta R.T. 0.053 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:276 Resp: 7590772

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	24.0	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	275520	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1222241	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	802996	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1605717	20.000	ng	-0.01
76) Chrysene-d12	21.666	240	1565231	20.000	ng	0.00
86) Perylene-d12	25.042	264	1730065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1181310	68.960	ng	0.00
7) Phenol-d6	6.966	99	1590709	70.557	ng	0.00
23) Nitrobenzene-d5	8.943	82	1586597	71.916	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	618969	77.267	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3743672	64.394	ng	0.00
79) Terphenyl-d14	19.936	244	5251220	63.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	221468	32.761	ng	99
3) Pyridine	3.725	79	674974	35.938	ng	99
4) n-Nitrosodimethylamine	3.637	42	315629	36.198	ng	97
6) Aniline	7.131	93	1168199	37.746	ng	100
8) 2-Chlorophenol	7.366	128	716630	38.218	ng	99
9) Benzaldehyde	6.949	77	542125	33.857	ng	99
10) Phenol	6.990	94	908541	37.664	ng	100
11) bis(2-Chloroethyl)ether	7.231	93	715577	37.860	ng	99
12) 1,3-Dichlorobenzene	7.696	146	777323	36.894	ng	100
13) 1,4-Dichlorobenzene	7.837	146	790167	37.069	ng	99
14) 1,2-Dichlorobenzene	8.149	146	766897	37.139	ng	98
15) Benzyl Alcohol	8.031	79	668093	38.230	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1098738	36.800	ng	99
17) 2-Methylphenol	8.225	107	633399	39.242	ng	98
18) Hexachloroethane	8.878	117	287484	37.712	ng	98
19) n-Nitroso-di-n-propyla...	8.596	70	578735	39.071	ng	99
20) 3+4-Methylphenols	8.549	107	858644	38.632	ng	98
22) Acetophenone	8.607	105	1158440	37.755	ng	100
24) Nitrobenzene	8.978	77	818671	39.201	ng	99
25) Isophorone	9.507	82	1701592	38.747	ng	99
26) 2-Nitrophenol	9.690	139	353273	39.528	ng	98
27) 2,4-Dimethylphenol	9.743	122	756826	37.381	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	1017512	38.088	ng	99
29) 2,4-Dichlorophenol	10.213	162	706413	39.853	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	736298	37.651	ng	100
31) Naphthalene	10.619	128	2369705	37.348	ng	99
32) Benzoic acid	9.872	122	476318	43.119	ng	96
33) 4-Chloroaniline	10.719	127	1097955	38.908	ng	99
34) Hexachlorobutadiene	10.913	225	426384	37.983	ng	98
35) Caprolactam	11.478	113	268817	39.093	ng	100
36) 4-Chloro-3-methylphenol	11.831	107	817278	39.847	ng	99
37) 2-Methylnaphthalene	12.225	142	1546620	37.660	ng	99
38) 1-Methylnaphthalene	12.443	142	1647105	38.438	ng	99
40) 1,2,4,5-Tetrachloroben...	12.595	216	806158	36.772	ng	100
41) Hexachlorocyclopentadiene	12.584	237	532962	39.389	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	574283	40.551	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	637340	40.117	ng		99
46) 1,1'-Biphenyl	13.242	154	2225078	37.601	ng		100
47) 2-Chloronaphthalene	13.284	162	1670076	36.992	ng		99
48) 2-Nitroaniline	13.472	65	509511	39.111	ng		97
49) Acenaphthylene	14.131	152	2839893	37.711	ng		100
50) Dimethylphthalate	13.872	163	2210689	37.765	ng		100
51) 2,6-Dinitrotoluene	13.978	165	464068	42.979	ng		94
52) Acenaphthene	14.484	154	1741305	37.908	ng		99
53) 3-Nitroaniline	14.307	138	542330	42.925	ng		100
54) 2,4-Dinitrophenol	14.513	184	192889	44.579	ng	#	52
55) Dibenzofuran	14.819	168	2564382	37.357	ng		100
56) 4-Nitrophenol	14.613	139	459387	41.198	ng		95
57) 2,4-Dinitrotoluene	14.766	165	648337	39.363	ng		96
58) Fluorene	15.478	166	1972403	36.584	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.042	232	537674	40.516	ng		99
60) Diethylphthalate	15.260	149	2250136	38.127	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	936379	36.635	ng		99
62) 4-Nitroaniline	15.484	138	521442	41.652	ng		98
63) Azobenzene	15.778	77	2076036	37.866	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	293694	43.059	ng		98
66) n-Nitrosodiphenylamine	15.695	169	1831755	37.466	ng		99
67) 4-Bromophenyl-phenylether	16.389	248	612029	37.882	ng		98
68) Hexachlorobenzene	16.507	284	678667	37.437	ng		98
69) Atrazine	16.672	200	660816	38.434	ng		99
70) Pentachlorophenol	16.848	266	469548	40.655	ng		97
71) Phenanthrene	17.260	178	3218487	36.596	ng		99
72) Anthracene	17.354	178	3374425	38.053	ng		100
73) Carbazole	17.625	167	3142276	36.915	ng		99
74) Di-n-butylphthalate	18.236	149	4081711	39.636	ng		100
75) Fluoranthene	19.342	202	3757235	36.904	ng		99
77) Benzidine	19.536	184	2380752	42.024	ng		99
78) Pyrene	19.719	202	3853987	37.027	ng		99
80) Butylbenzylphthalate	20.677	149	1775636	42.064	ng		99
81) Benzo(a)anthracene	21.648	228	3826778	36.791	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	1431183	38.998	ng		99
83) Chrysene	21.719	228	3541271	36.707	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	2765334	41.026	ng		99
85) Di-n-octyl phthalate	22.913	149	4594460	40.723	ng		99
87) Indeno(1,2,3-cd)pyrene	28.895	276	4594863m	37.054	ng		
88) Benzo(b)fluoranthene	23.971	252	3794446	36.638	ng		100
89) Benzo(k)fluoranthene	24.036	252	3839465	37.398	ng		99
90) Benzo(a)pyrene	24.877	252	3753992	37.640	ng		99
91) Dibenzo(a,h)anthracene	28.983	278	3762707	37.050	ng		99
92) Benzo(g,h,i)perylene	30.083	276	3674873	36.870	ng		99

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

ICAL Form

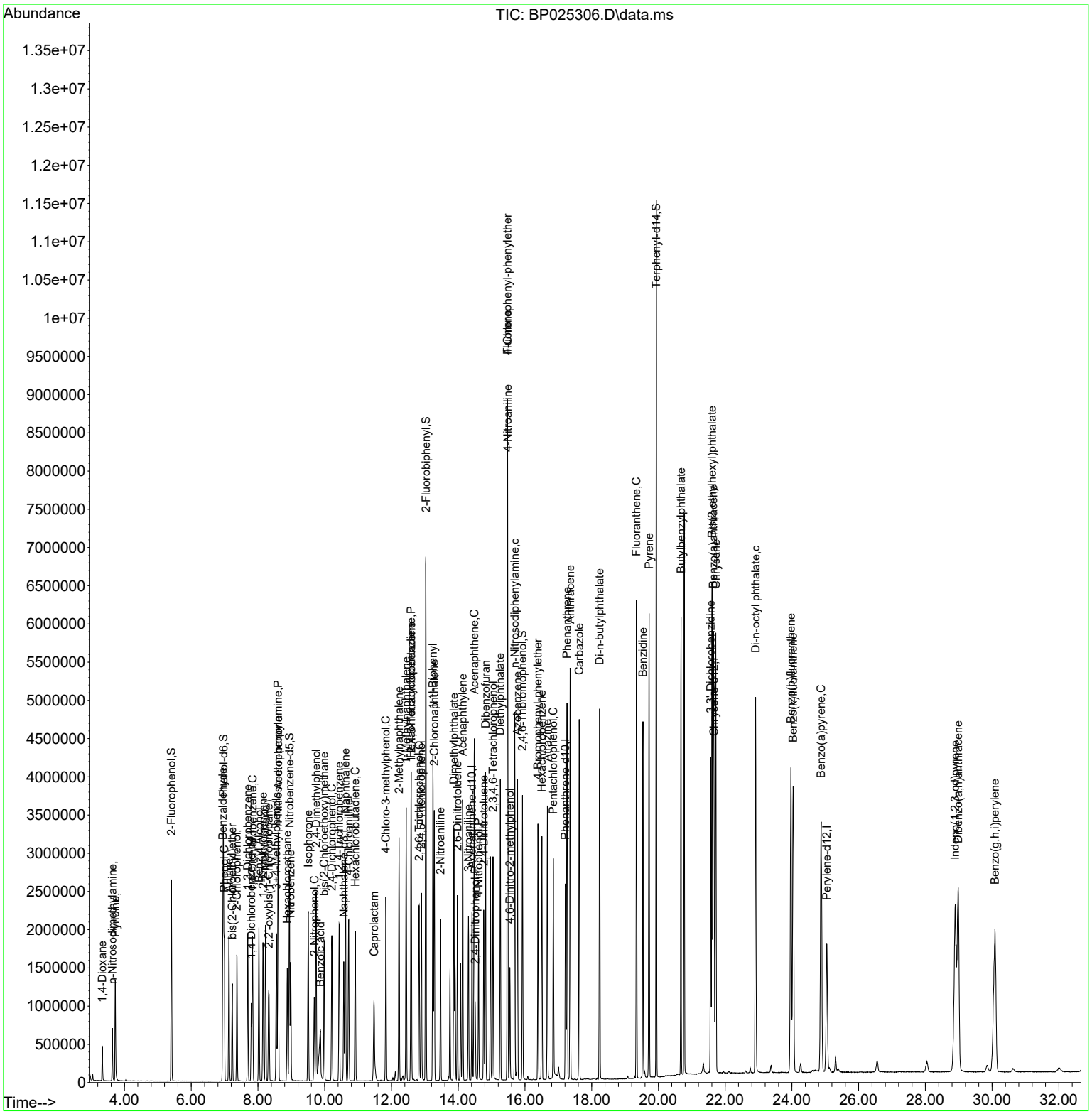
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Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

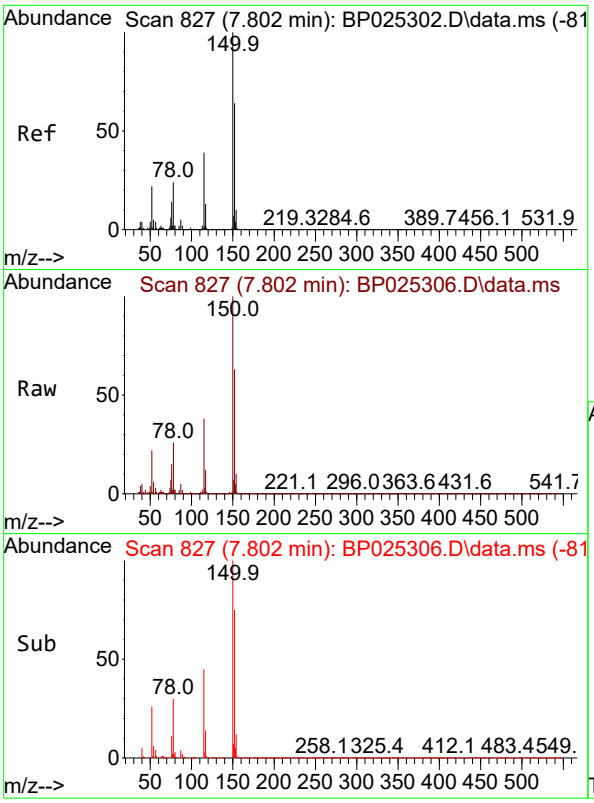
Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

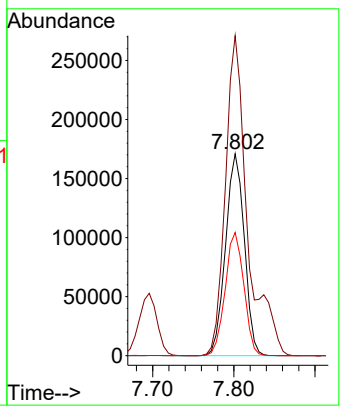




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:152 Resp: 27552

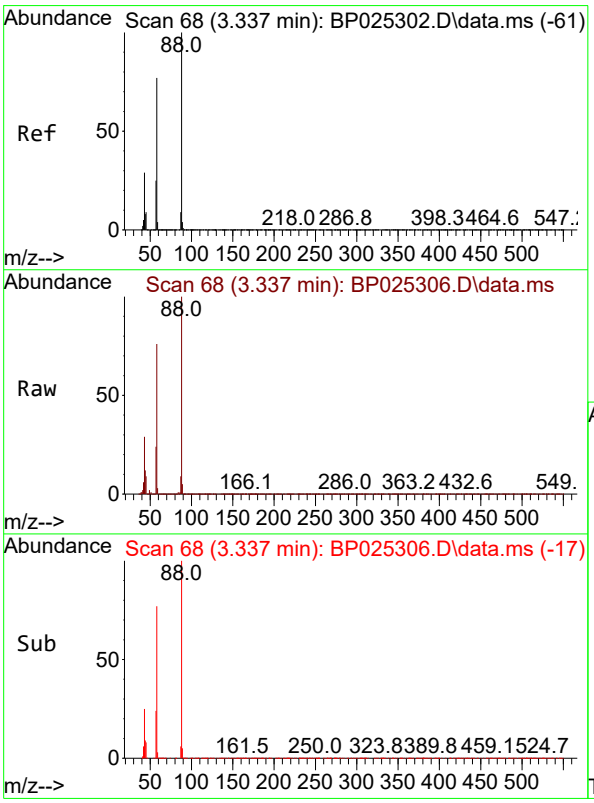
Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.1	187.7
115	61.0	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

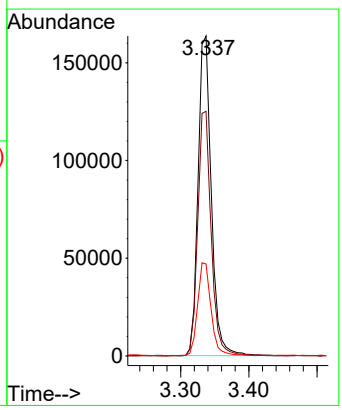
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

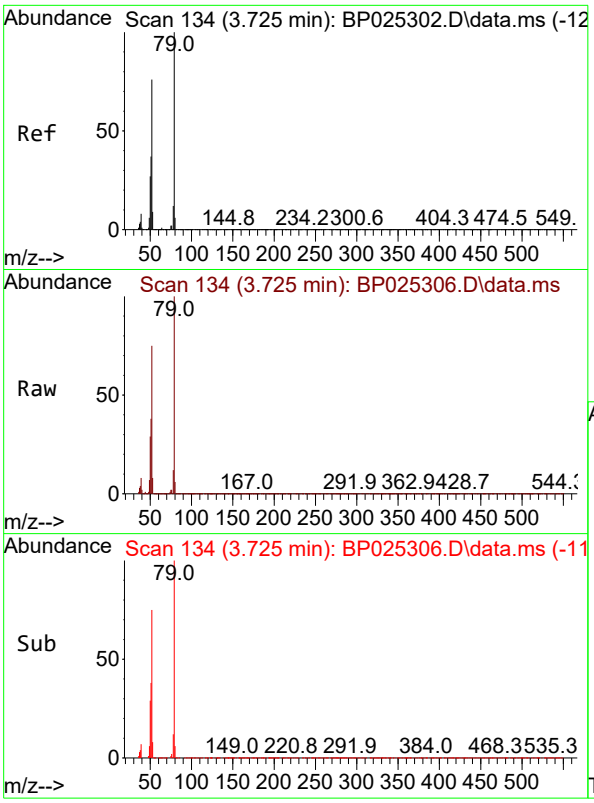


#2
1,4-Dioxane
Concen: 32.761 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 88 Resp: 221468

Ion	Ratio	Lower	Upper
88	100		
58	77.6	61.9	92.9
43	29.2	24.2	36.2

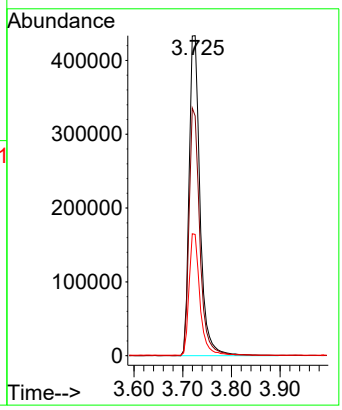




#3
Pyridine
Concen: 35.938 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 79 Resp: 67497

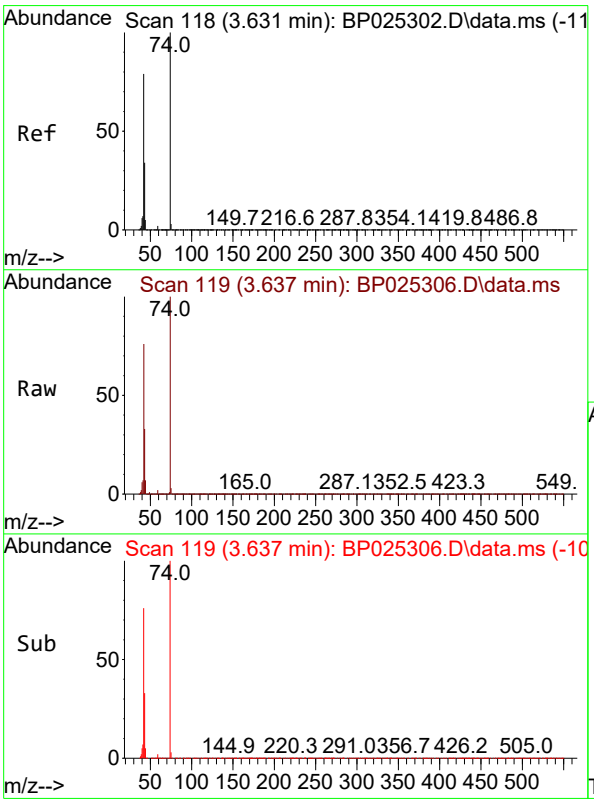
Ion	Ratio	Lower	Upper
79	100		
52	74.9	60.5	90.7
51	37.9	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

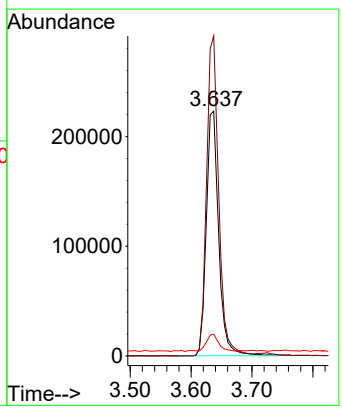
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

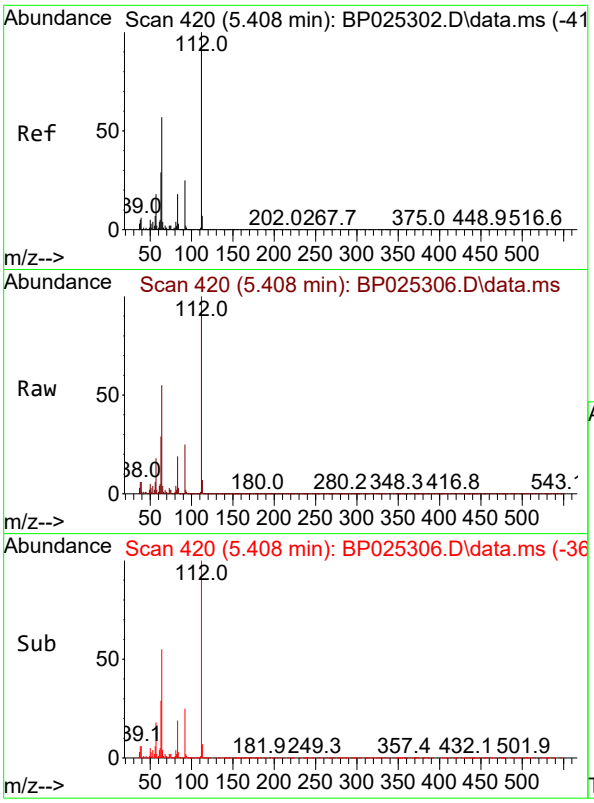


#4
n-Nitrosodimethylamine
Concen: 36.198 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 42 Resp: 315629

Ion	Ratio	Lower	Upper
42	100		
74	130.8	101.4	152.2
44	8.9	7.6	11.4

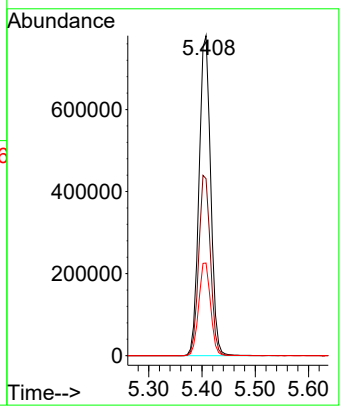




#5
2-Fluorophenol
Concen: 68.960 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:112 Resp: 118131

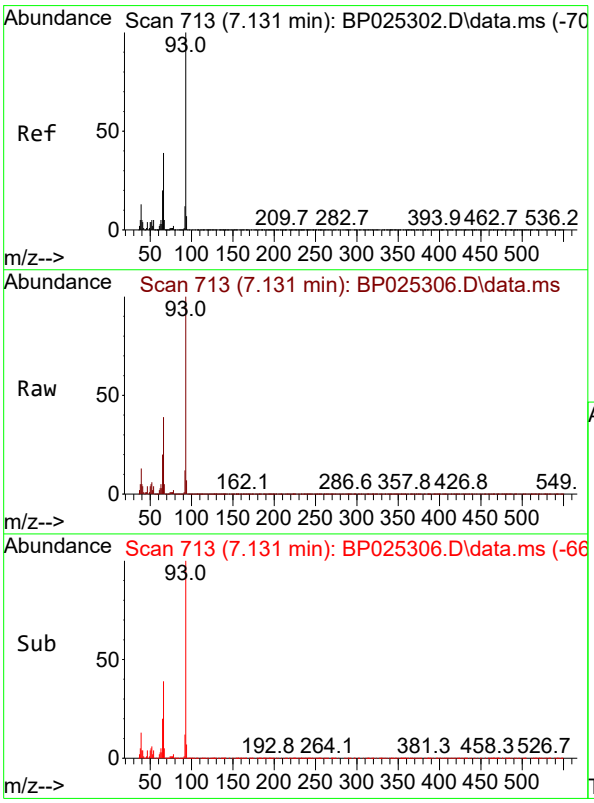
Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.3	67.9
63	29.0	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

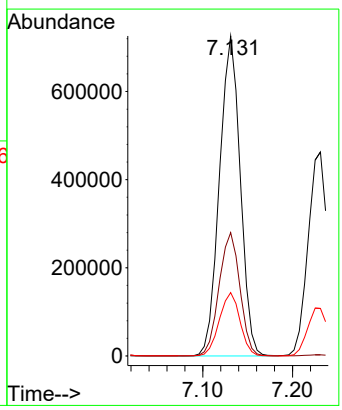
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

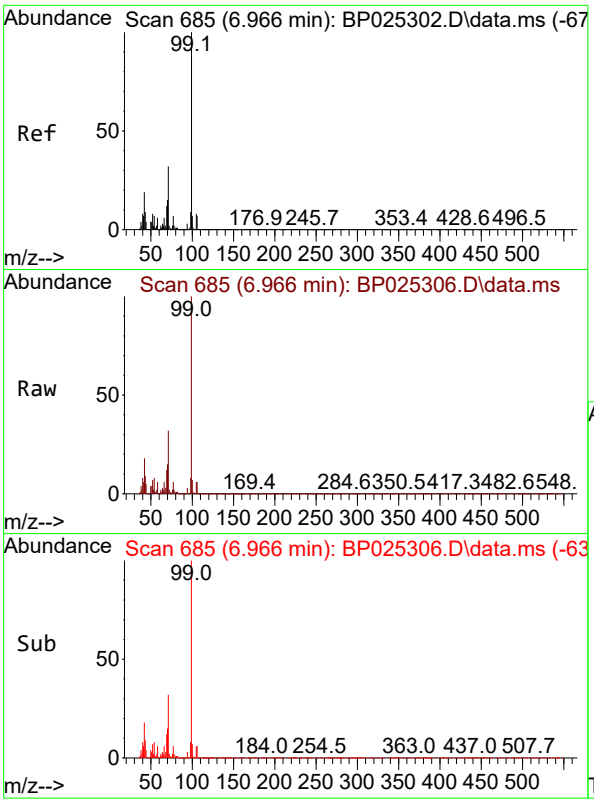


#6
Aniline
Concen: 37.746 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 1168199

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.1	46.7
65	19.8	15.8	23.8

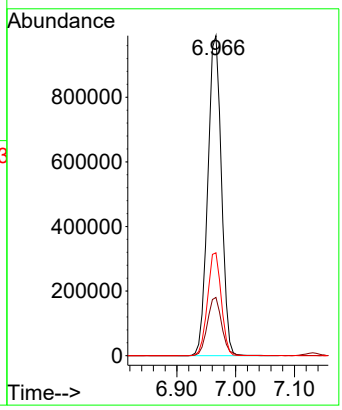




#7
Phenol-d6
Concen: 70.557 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 99 Resp: 159070

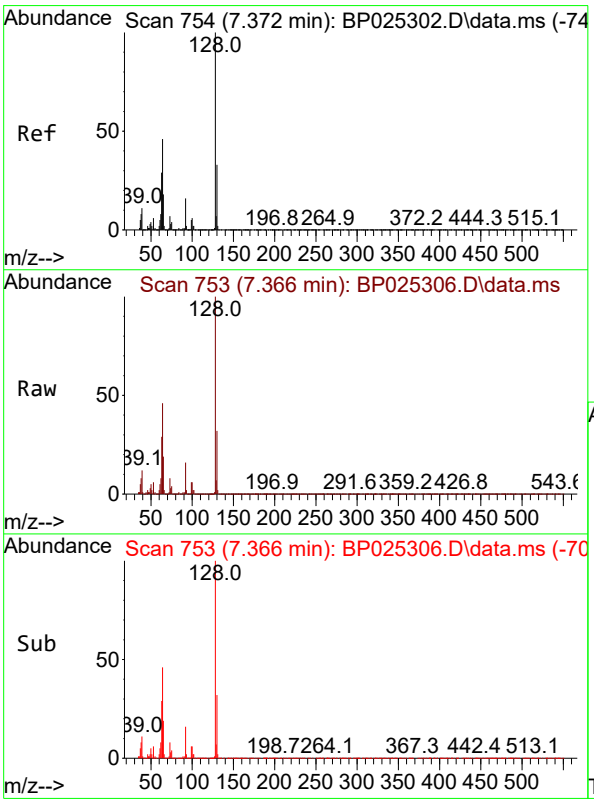
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	32.2	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

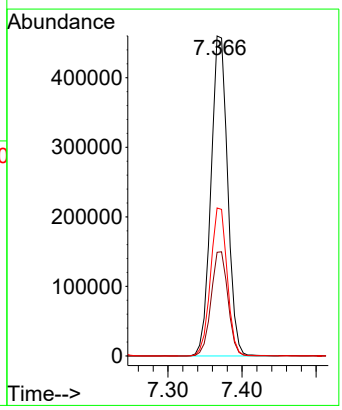
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

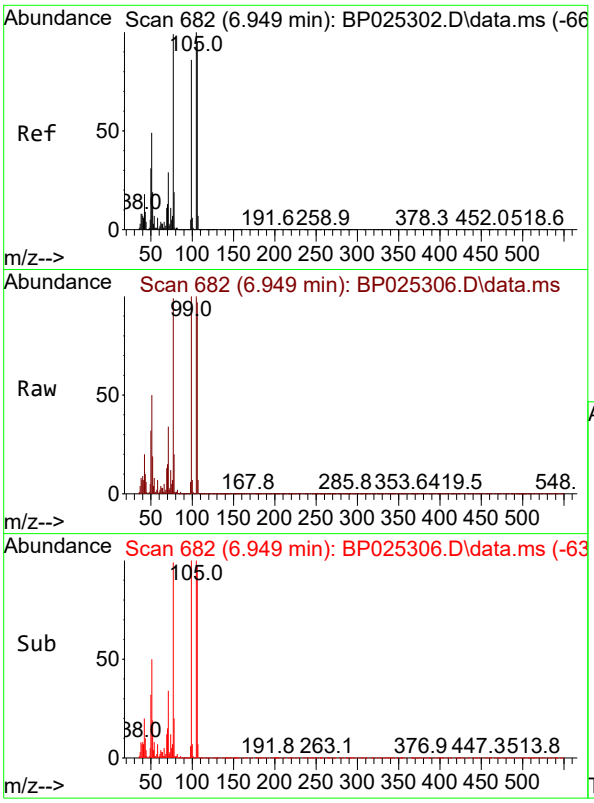


#8
2-Chlorophenol
Concen: 38.218 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:128 Resp: 716630

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	46.3	26.1	66.1

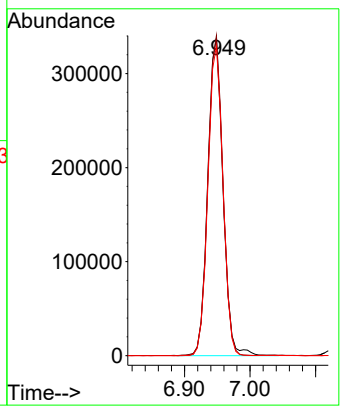




#9
Benzaldehyde
Concen: 33.857 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 54212

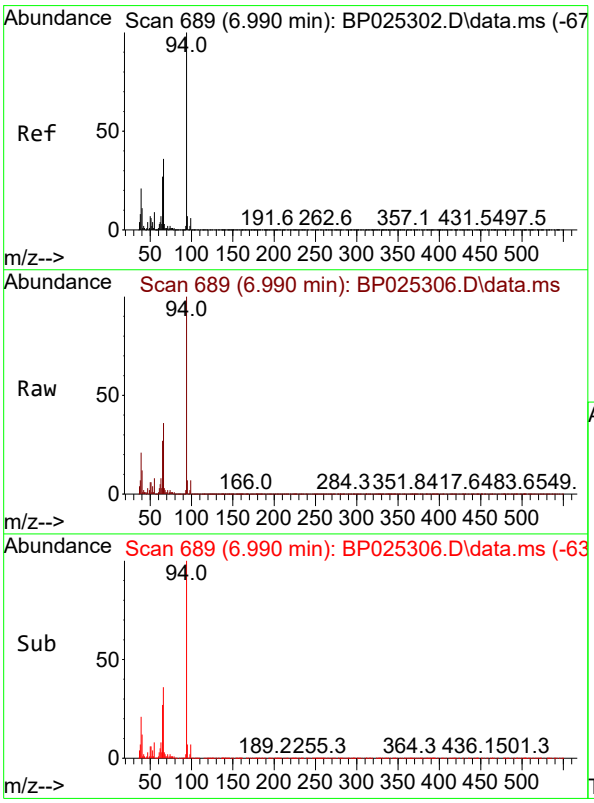
Ion	Ratio	Lower	Upper
77	100		
105	100.7	81.4	121.4
106	97.5	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

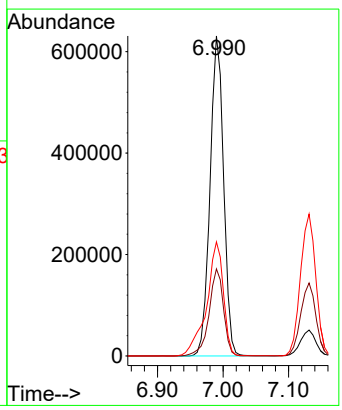
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

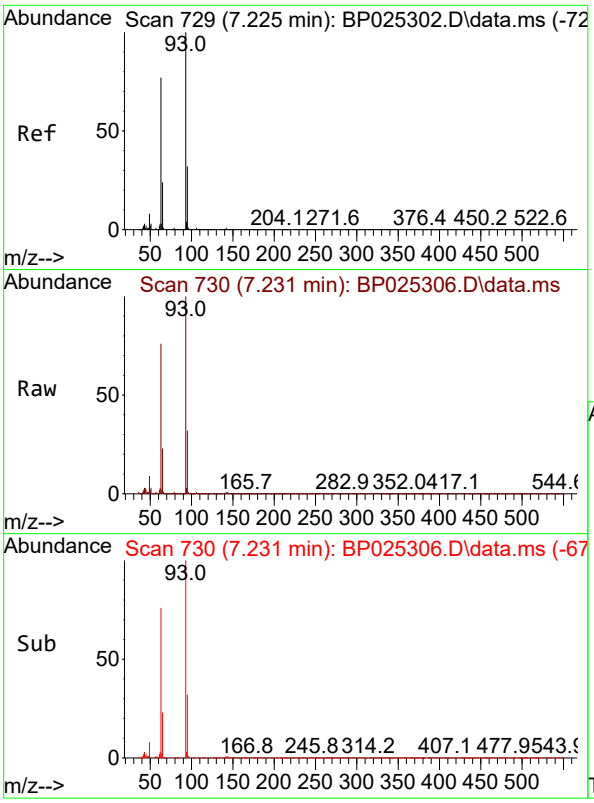


#10
Phenol
Concen: 37.664 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 94 Resp: 908541

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.3	47.3
66	35.6	15.7	55.7

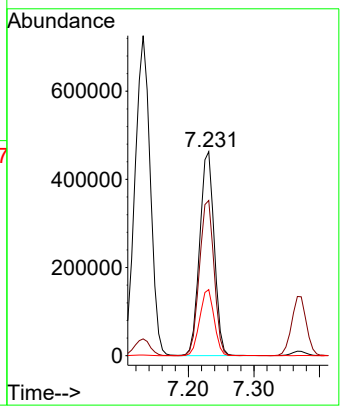




#11
bis(2-Chloroethyl)ether
Concen: 37.860 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 71557

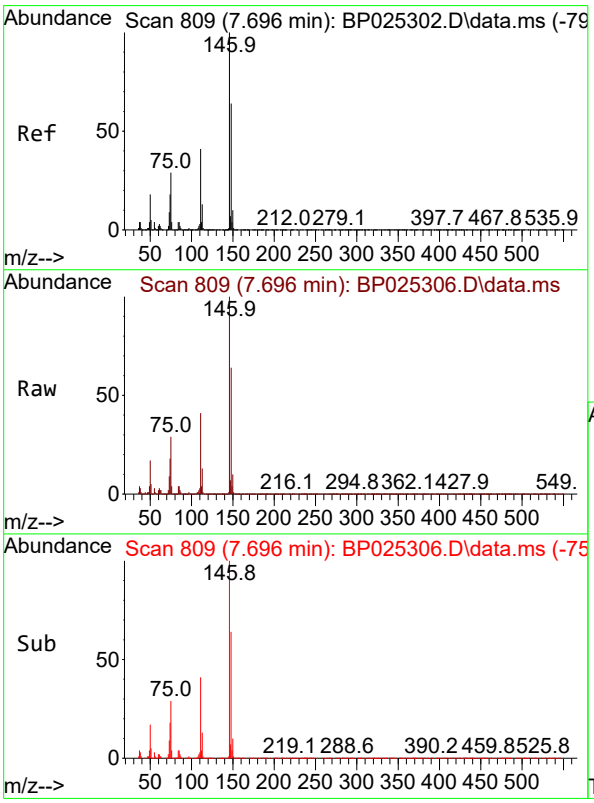
Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.0	97.0
95	32.4	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

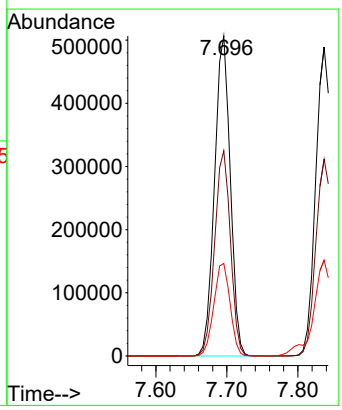
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

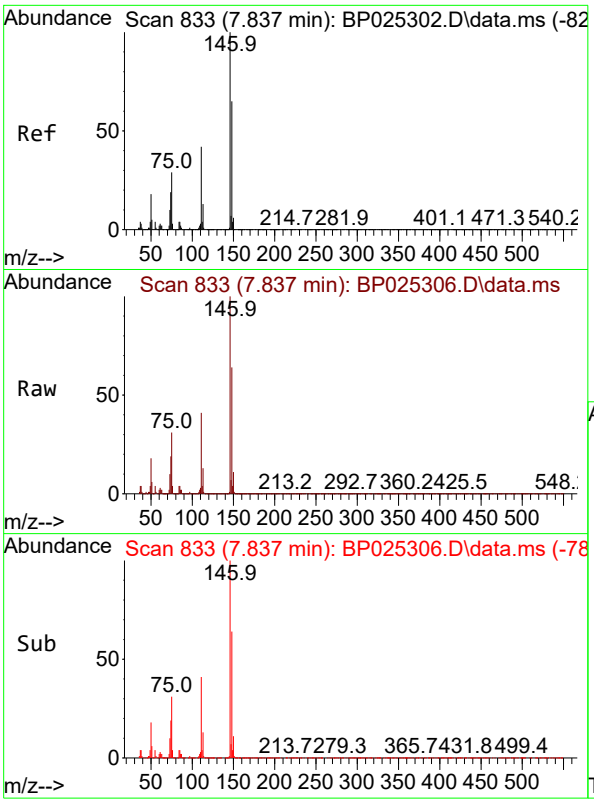


#12
1,3-Dichlorobenzene
Concen: 36.894 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 777323

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
75	28.9	23.2	34.8

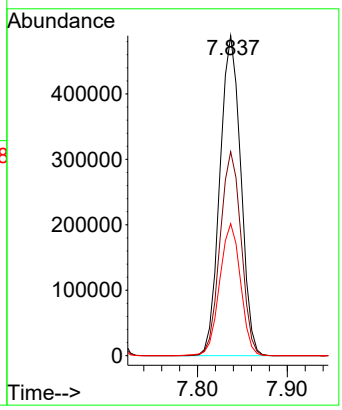




#13
1,4-Dichlorobenzene
Concen: 37.069 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 79016

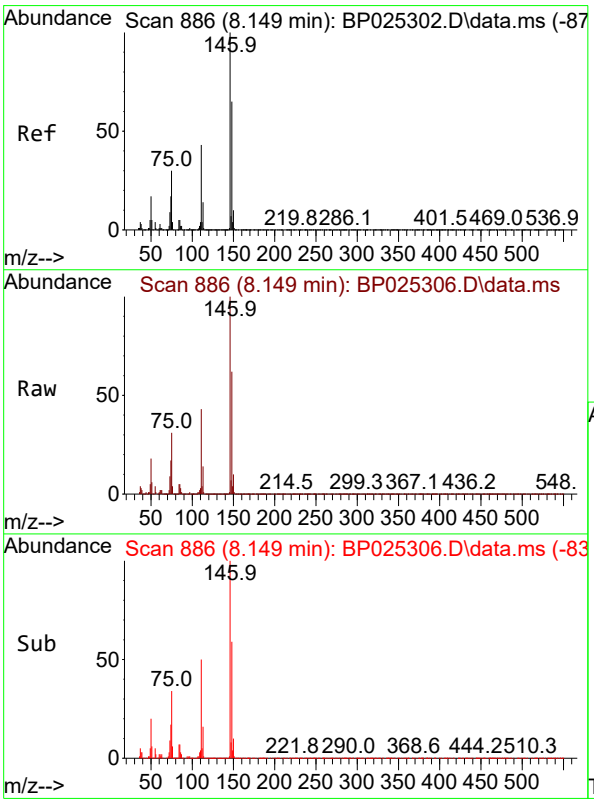
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	41.2	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

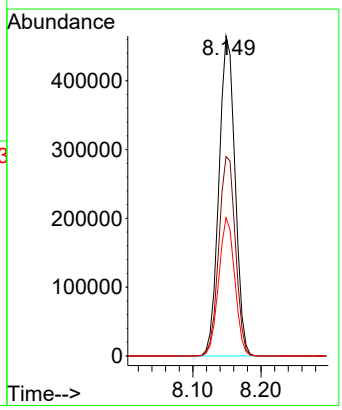
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

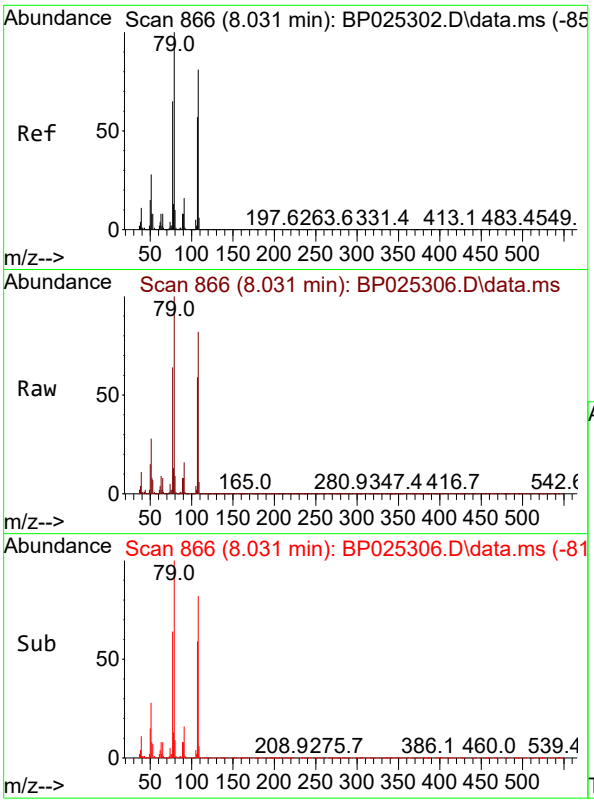


#14
1,2-Dichlorobenzene
Concen: 37.139 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 766897

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.9	77.9
111	43.2	34.4	51.6

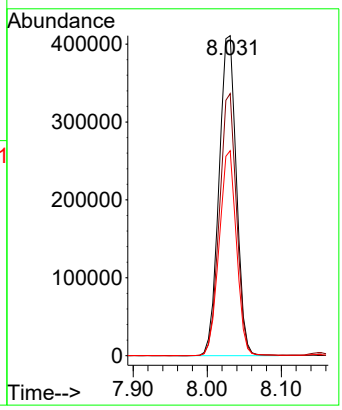




#15
Benzyl Alcohol
Concen: 38.230 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 79 Resp: 66809

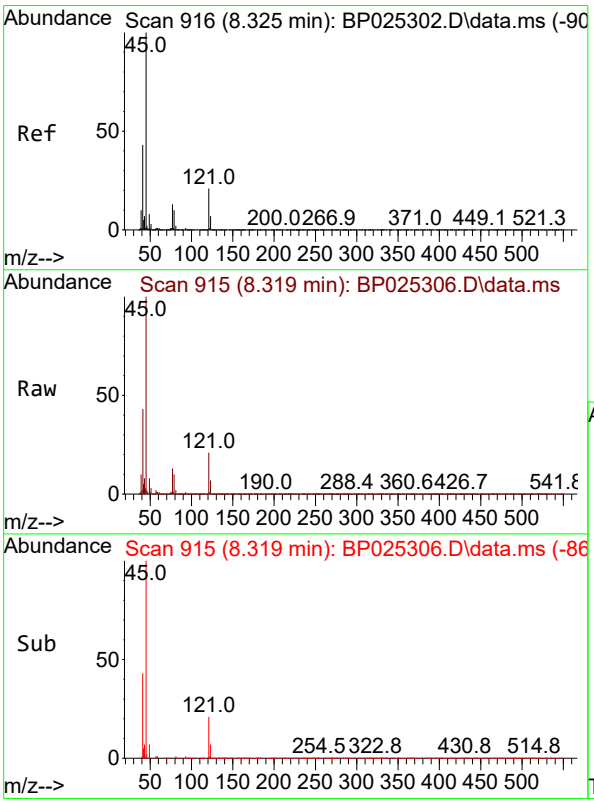
Ion	Ratio	Lower	Upper
79	100		
108	81.9	64.5	96.7
77	64.0	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

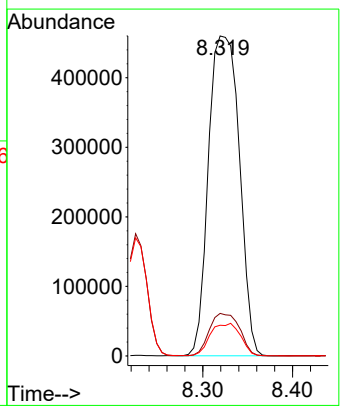
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

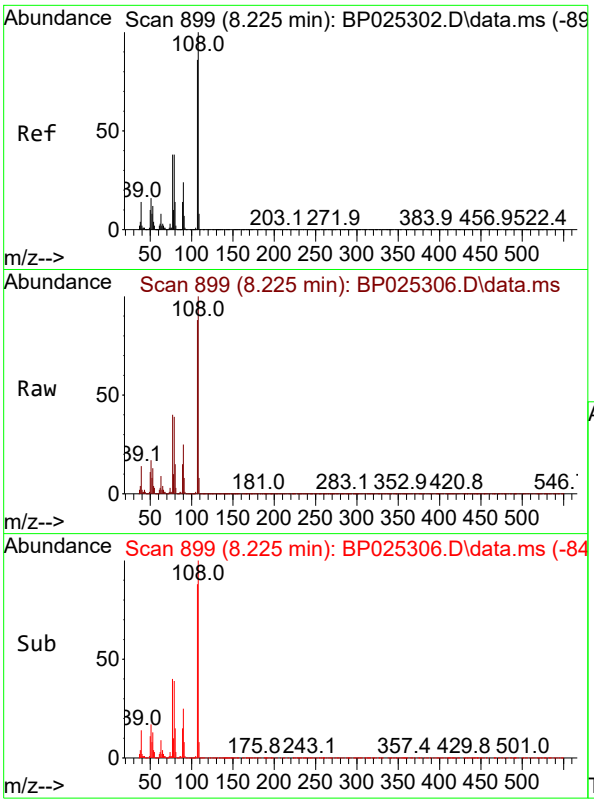


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.800 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 45 Resp: 1098738

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.0
79	9.6	0.0	29.8

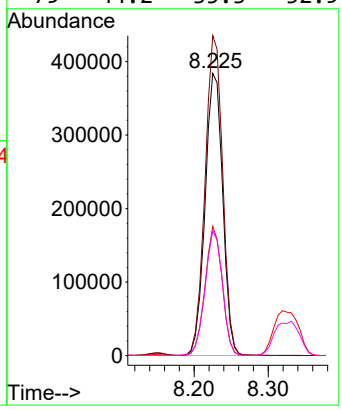




#17
2-Methylphenol
Concen: 39.242 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 63339

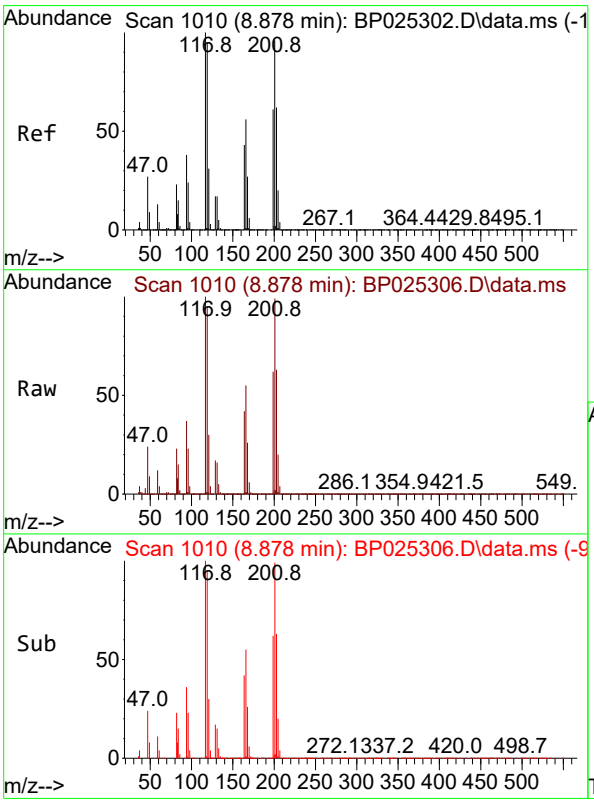
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.6	139.0
77	45.8	35.4	53.2
79	44.2	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

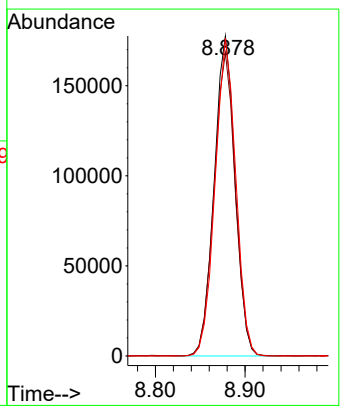
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

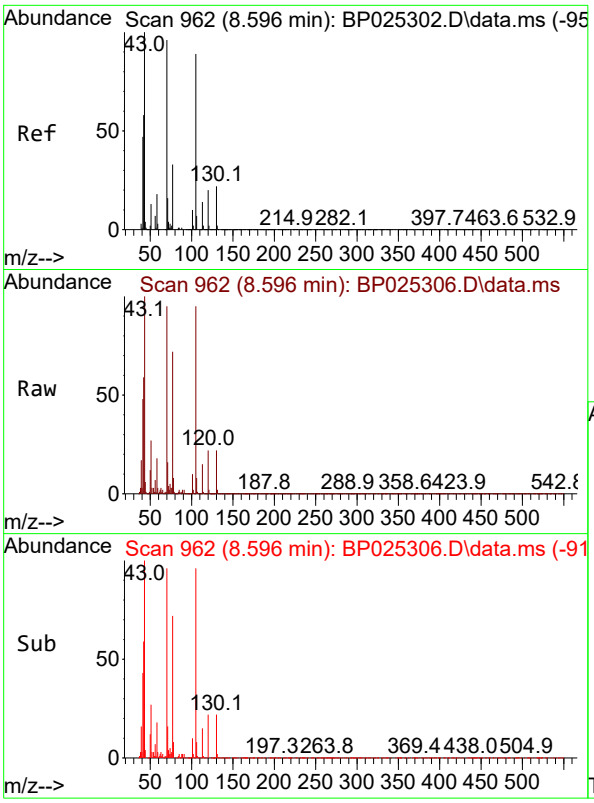


#18
Hexachloroethane
Concen: 37.712 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:117 Resp: 287484

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	99.3	76.6	114.8

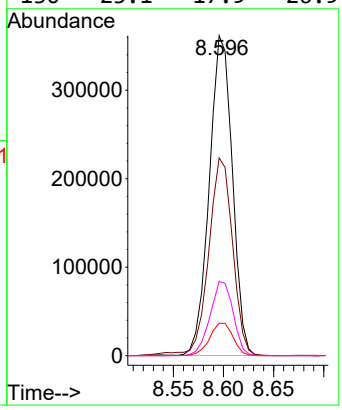




#19
n-Nitroso-di-n-propylamine
Concen: 39.071 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 70 Resp: 57873

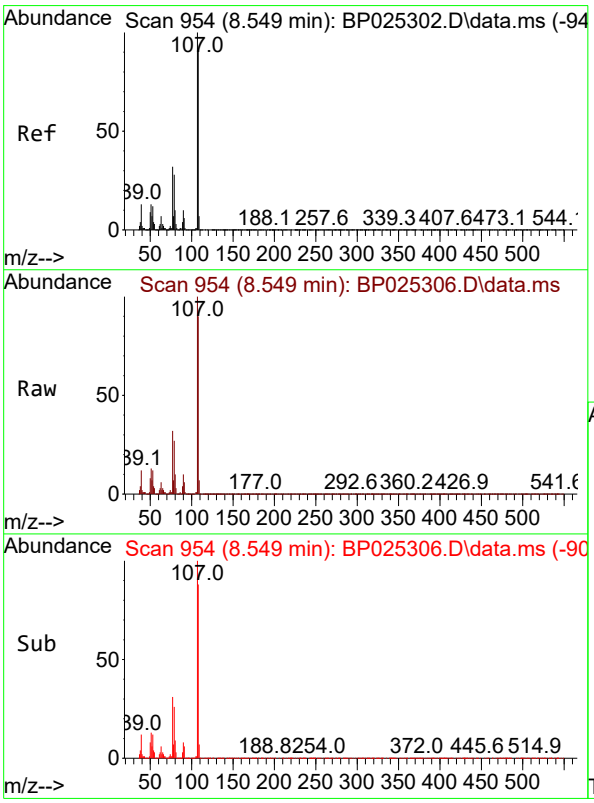
Ion	Ratio	Lower	Upper
70	100		
42	61.8	49.4	74.0
101	10.1	7.9	11.9
130	23.1	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

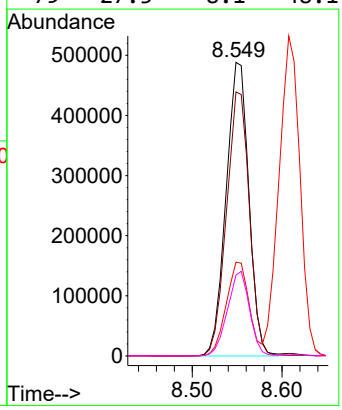
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

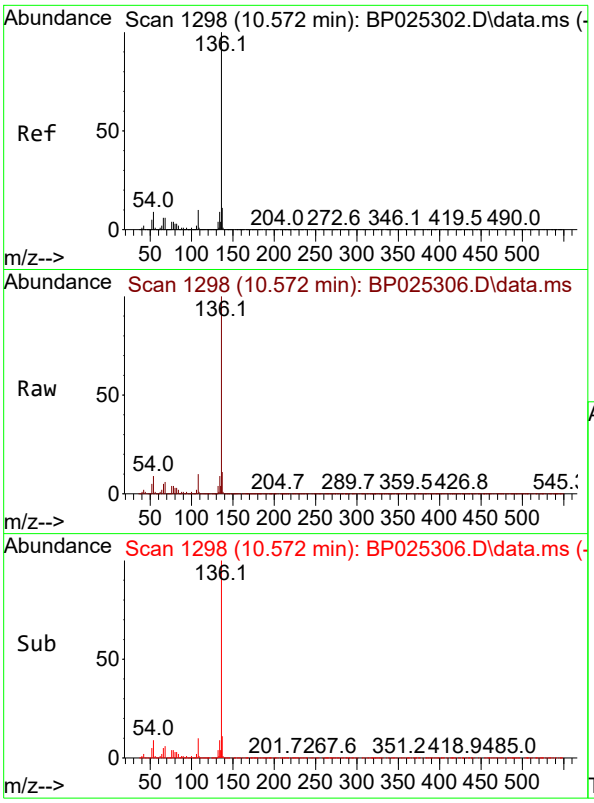


#20
3+4-Methylphenols
Concen: 38.632 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 858644

Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.9	111.9
77	31.9	12.0	52.0
79	27.5	8.1	48.1

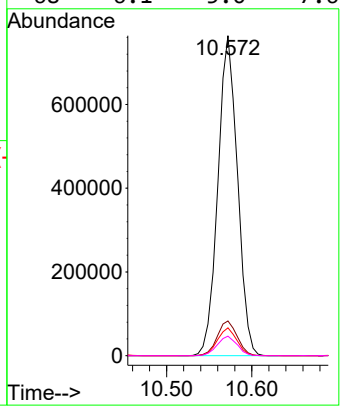




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:136 Resp: 122224

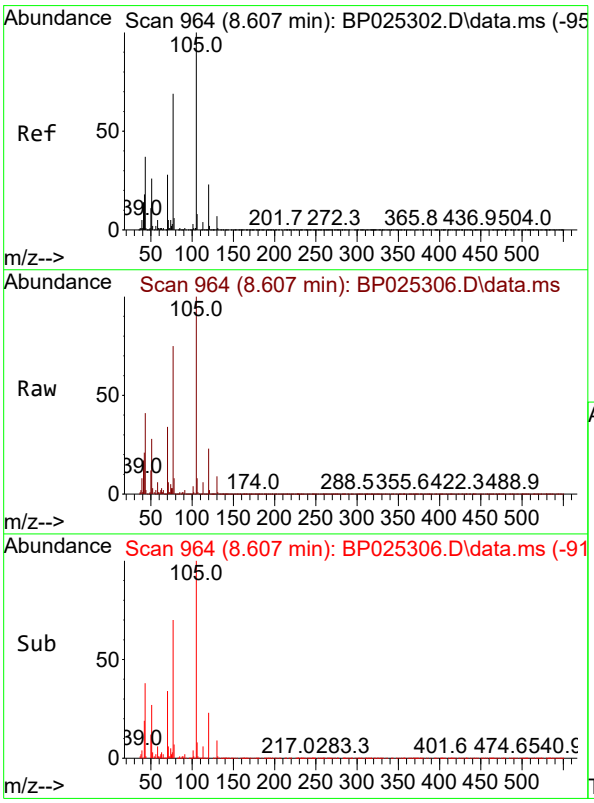
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	7.0	10.6
68	6.1	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

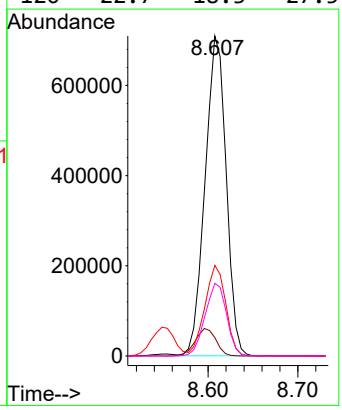
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

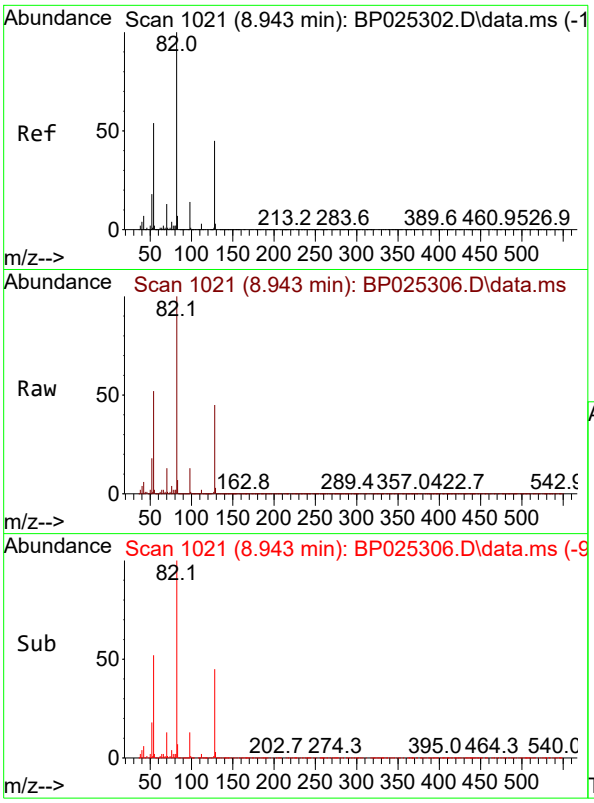


#22
Acetophenone
Concen: 37.755 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:105 Resp: 1158440

Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	28.3	22.7	34.1
120	22.7	18.3	27.5

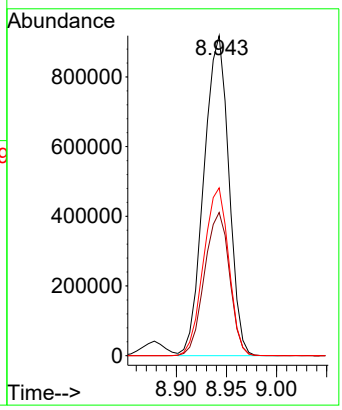




#23
Nitrobenzene-d5
Concen: 71.916 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 82 Resp: 158659

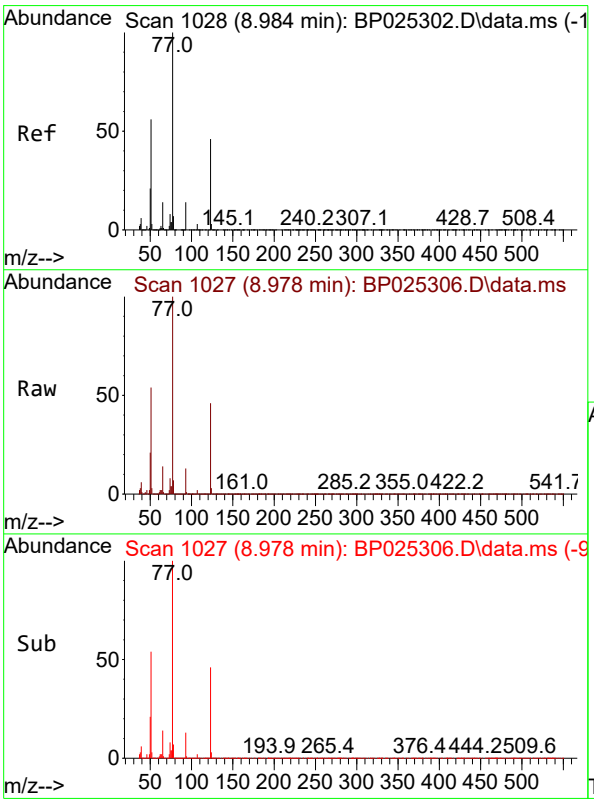
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.4	53.2
54	52.5	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

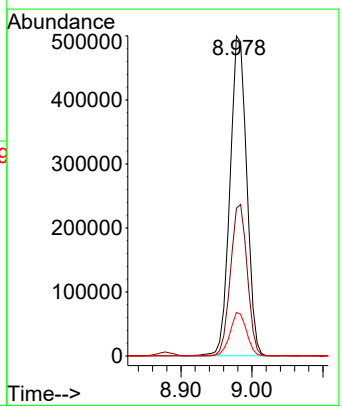
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

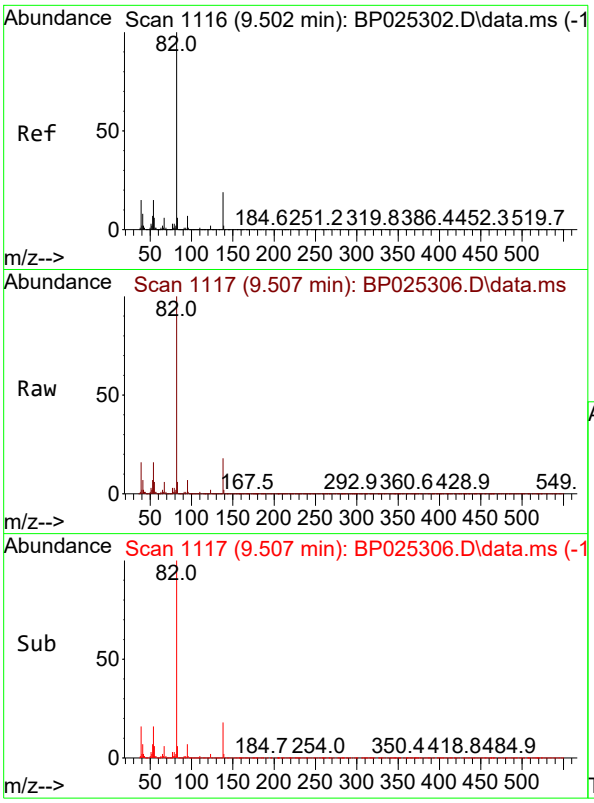


#24
Nitrobenzene
Concen: 39.201 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 818671

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.4	56.2
65	13.6	11.1	16.7

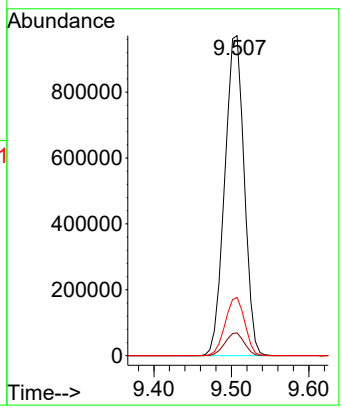




#25
Isophorone
Concen: 38.747 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 82 Resp: 170159

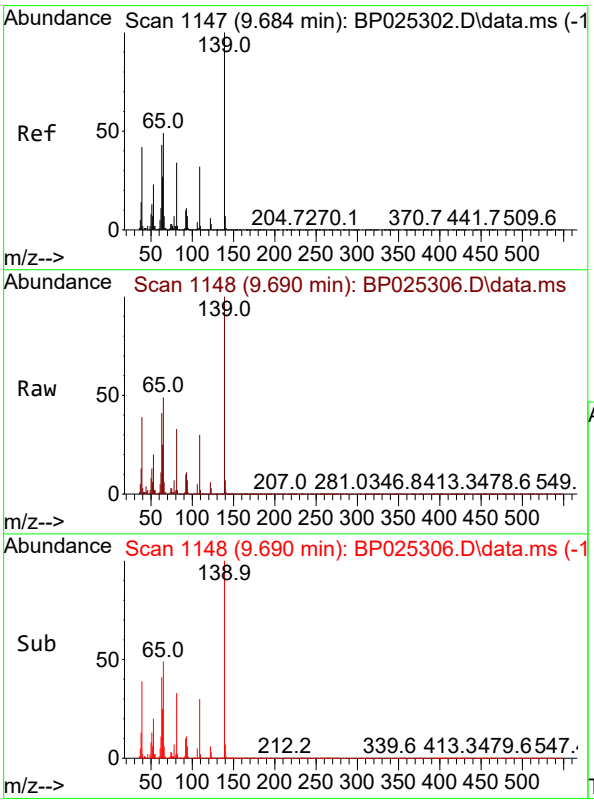
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.2	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

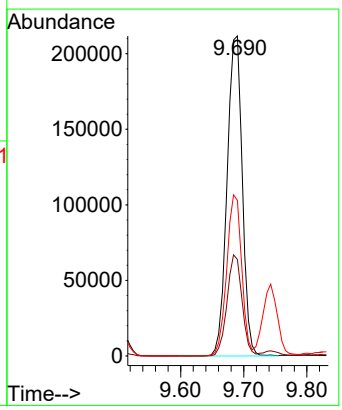
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

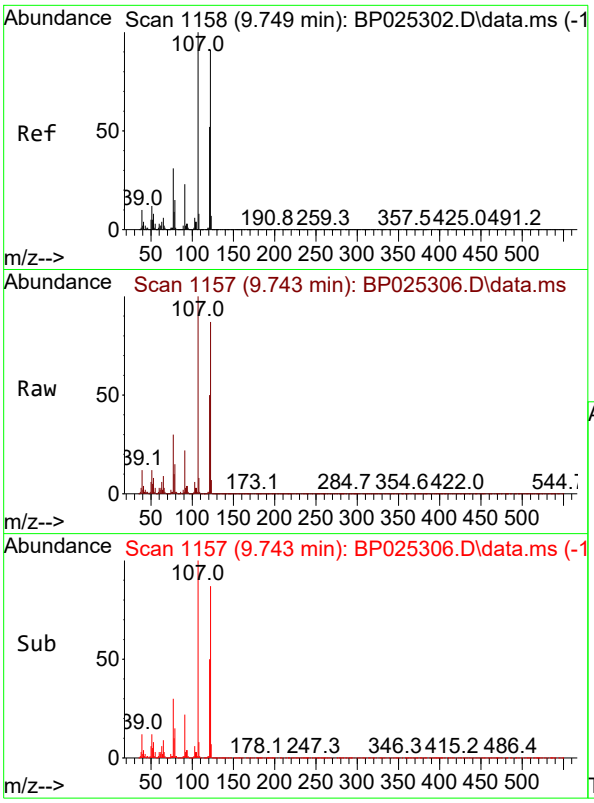


#26
2-Nitrophenol
Concen: 39.528 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:139 Resp: 353273

Ion	Ratio	Lower	Upper
139	100		
109	30.1	25.2	37.8
65	48.6	39.6	59.4

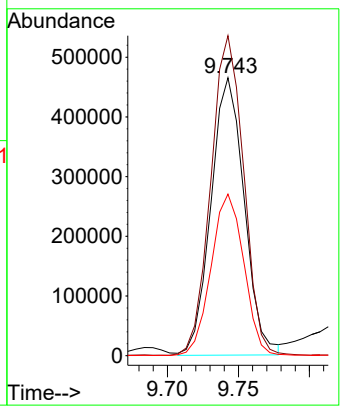




#27
2,4-Dimethylphenol
Concen: 37.381 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:122 Resp: 75682

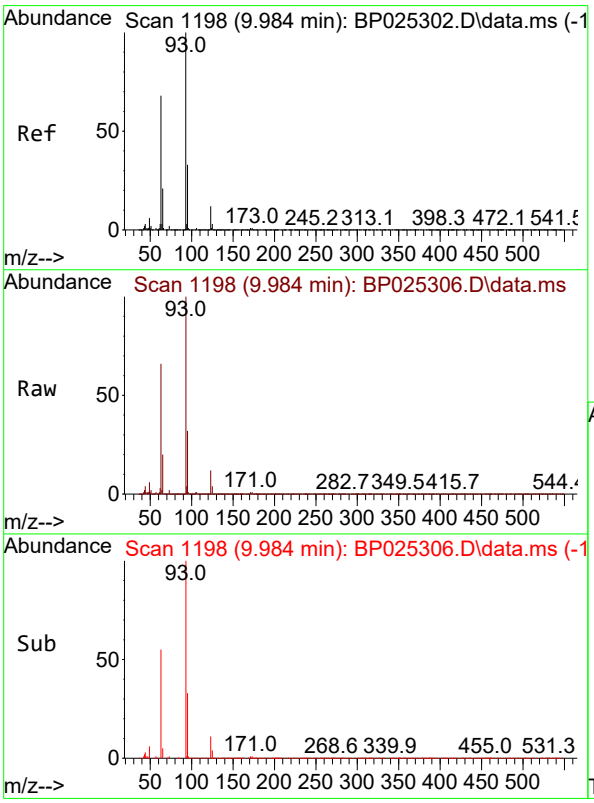
Ion	Ratio	Lower	Upper
122	100		
107	115.1	87.4	131.0
121	58.1	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

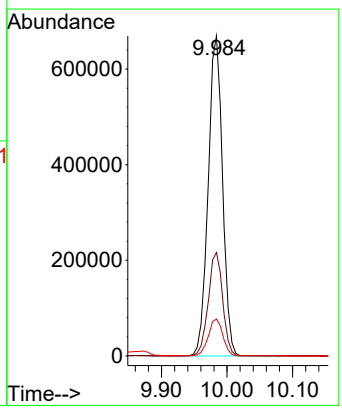
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

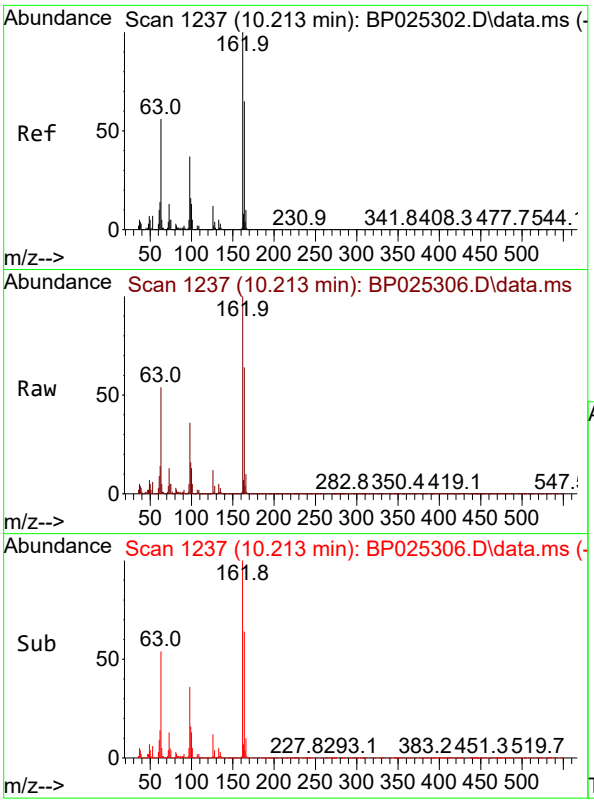


#28
bis(2-Chloroethoxy)methane
Concen: 38.088 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 1017512

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.6	9.4	14.2

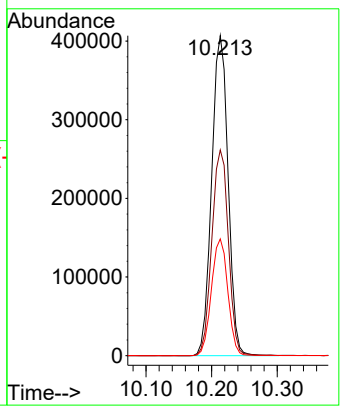




#29
2,4-Dichlorophenol
Concen: 39.853 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:162 Resp: 70641

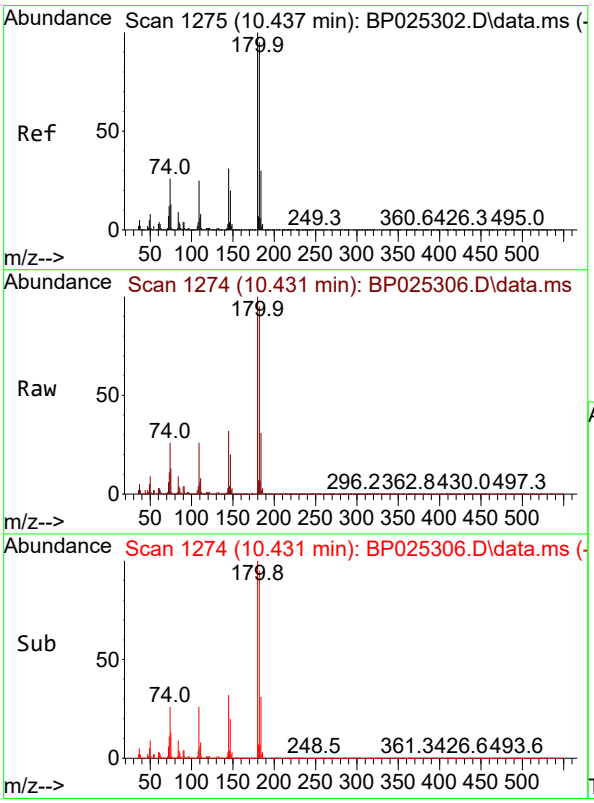
Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	36.5	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

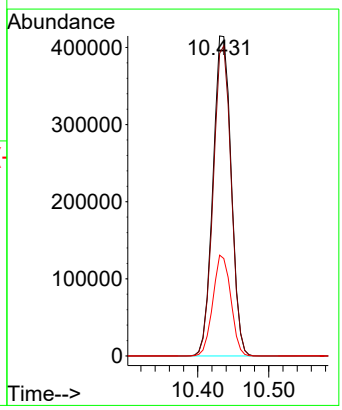
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

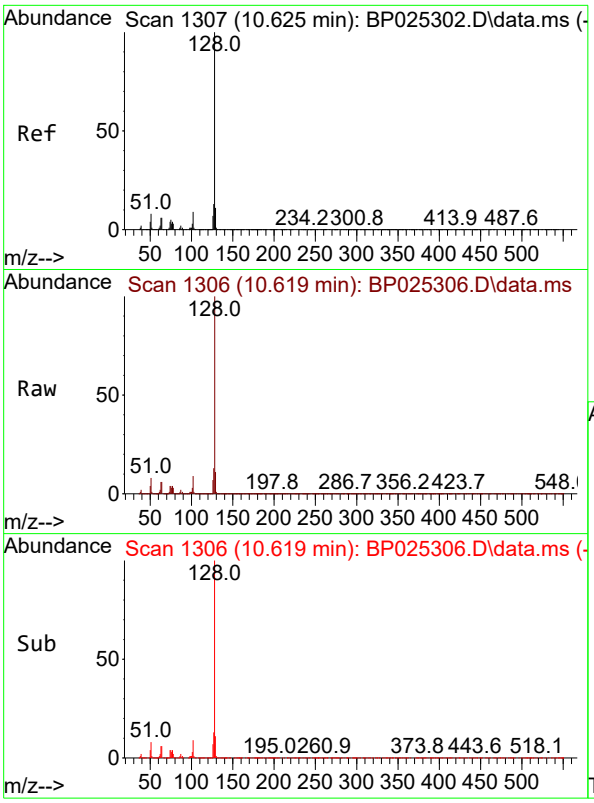


#30
1,2,4-Trichlorobenzene
Concen: 37.651 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:180 Resp: 736298

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	31.5	25.0	37.4

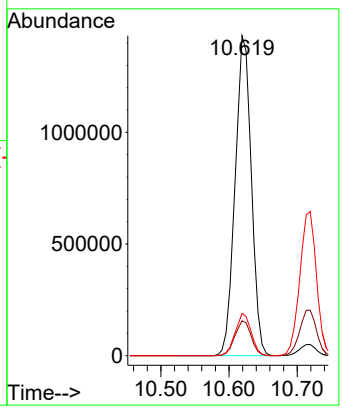




#31
Naphthalene
Concen: 37.348 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:128 Resp: 236970

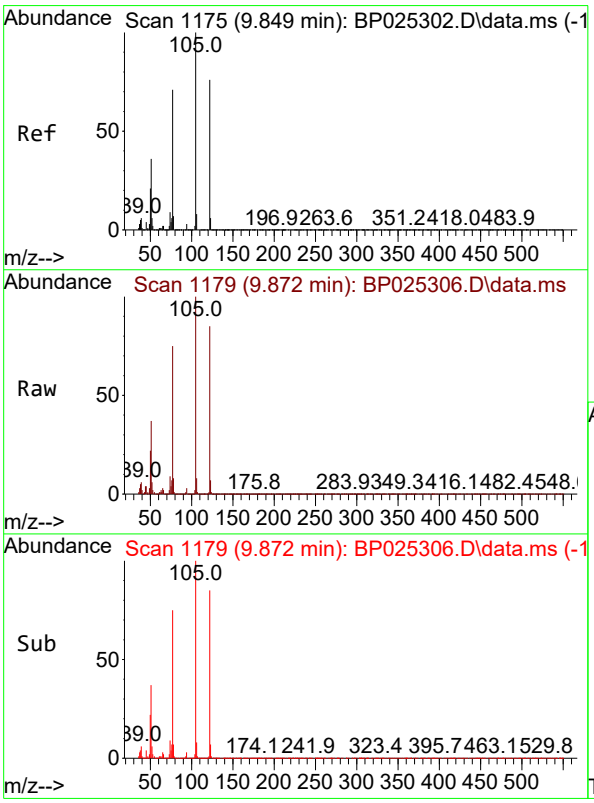
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

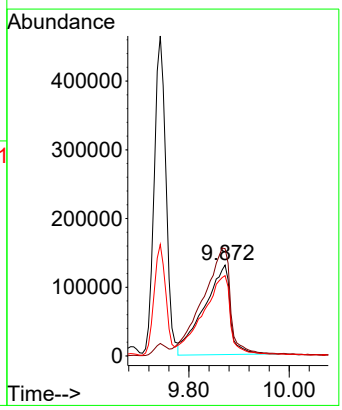
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

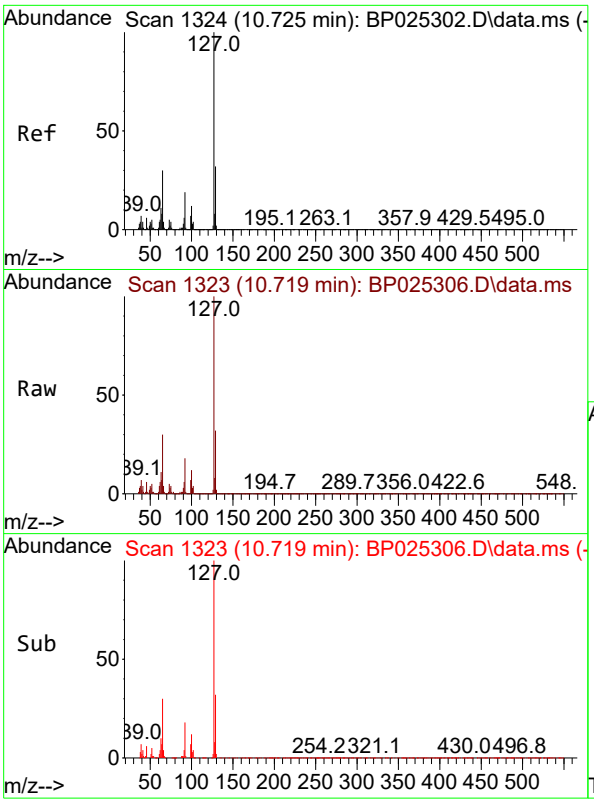


#32
Benzoic acid
Concen: 43.119 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:122 Resp: 476318

Ion	Ratio	Lower	Upper
122	100		
105	118.2	104.0	144.0
77	88.4	71.8	111.8

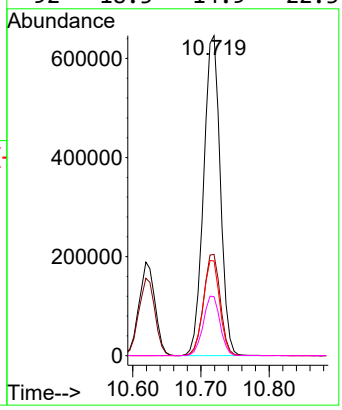




#33
4-Chloroaniline
Concen: 38.908 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:127 Resp: 109795

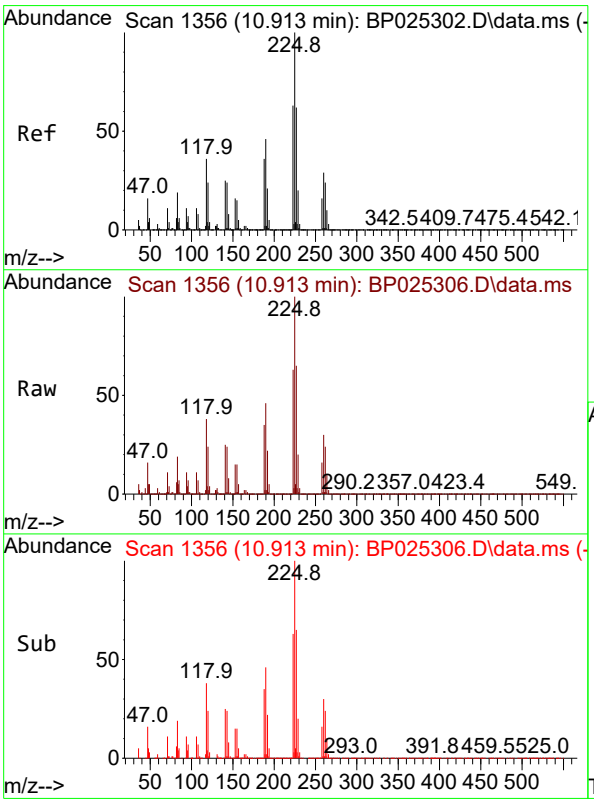
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	29.6	23.6	35.4
92	18.5	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

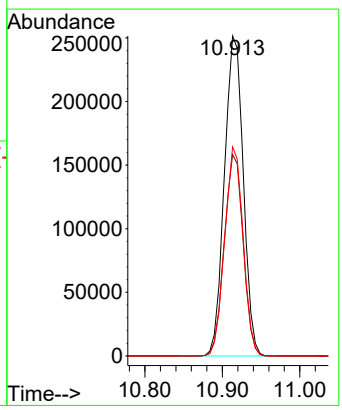
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

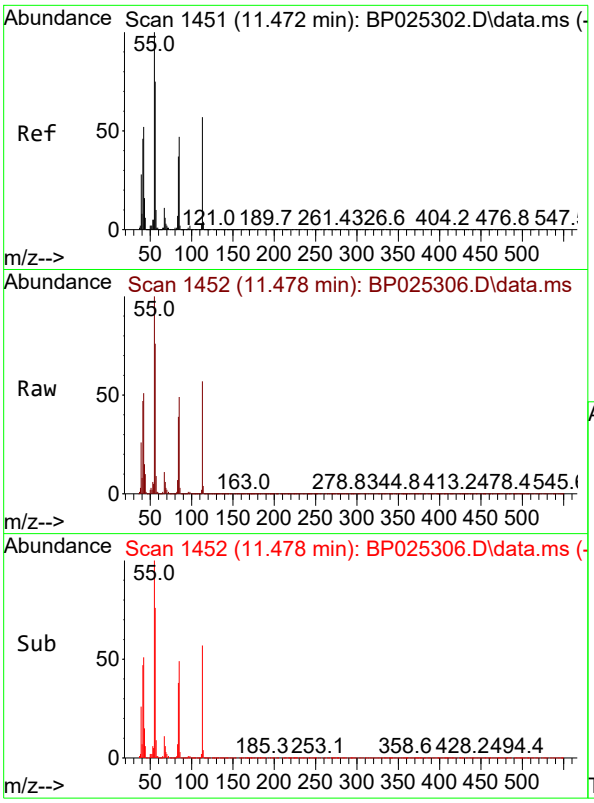


#34
Hexachlorobutadiene
Concen: 37.983 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:225 Resp: 426384

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	65.3	49.7	74.5

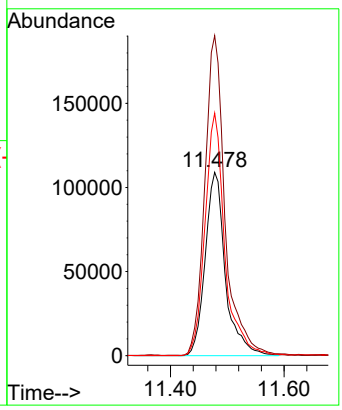




#35
Caprolactam
Concen: 39.093 ng
RT: 11.478 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:113 Resp: 26881

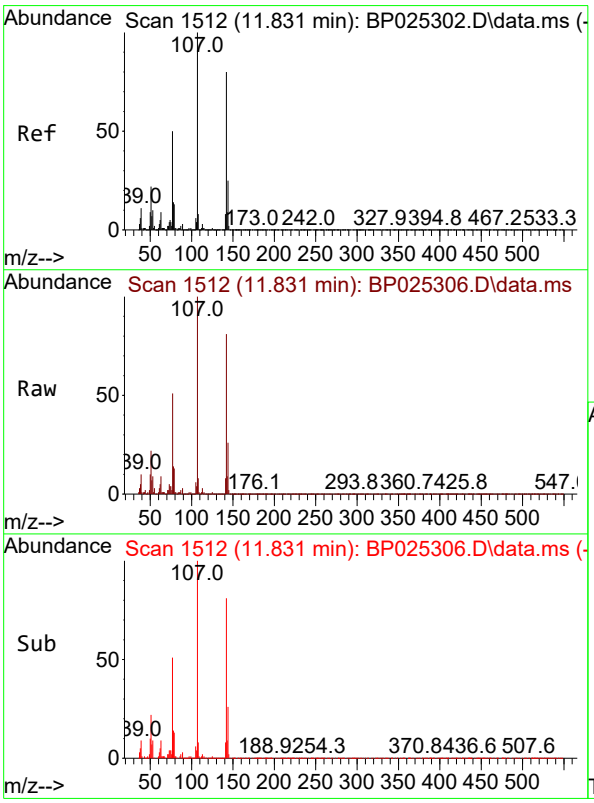
Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.4	194.4
56	132.2	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

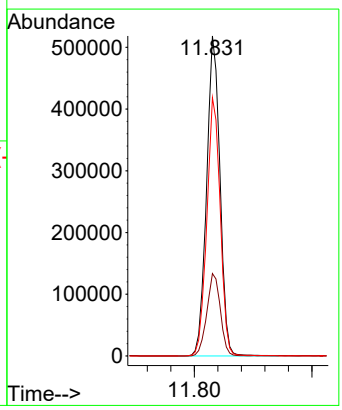
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

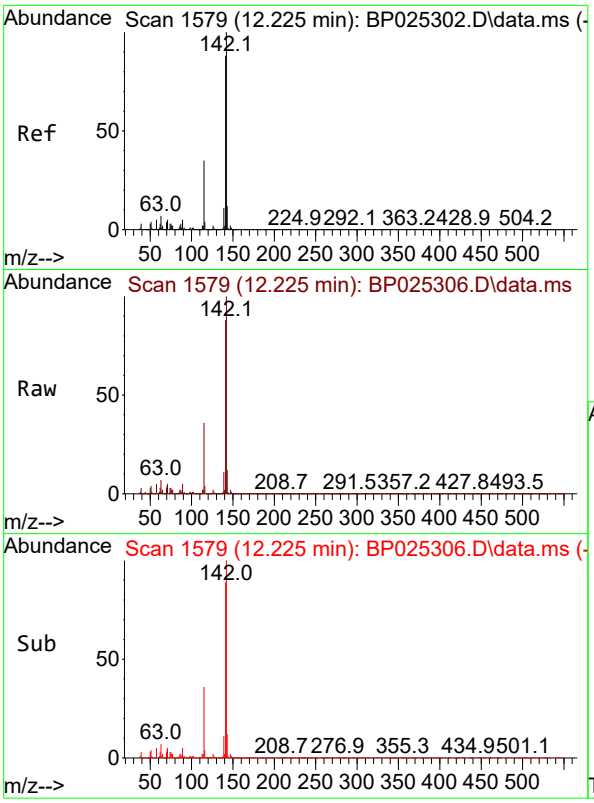


#36
4-Chloro-3-methylphenol
Concen: 39.847 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 817278

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	80.7	63.7	95.5

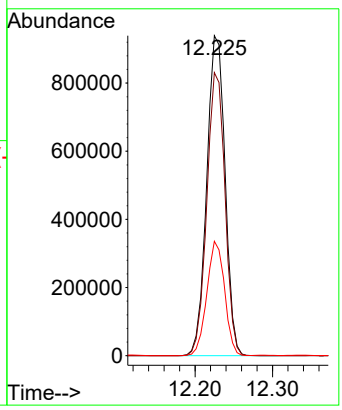




#37
2-Methylnaphthalene
Concen: 37.660 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:142 Resp: 154662

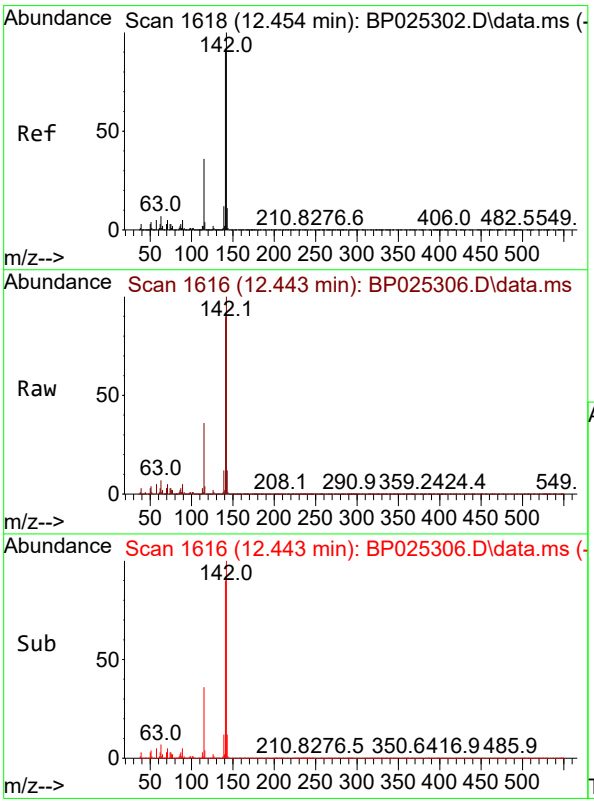
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	35.7	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

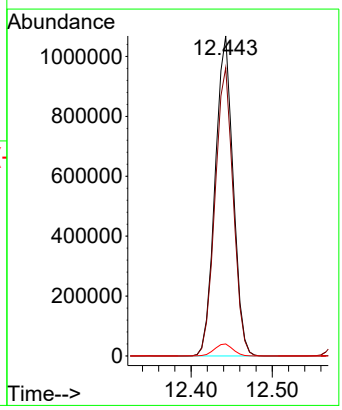
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

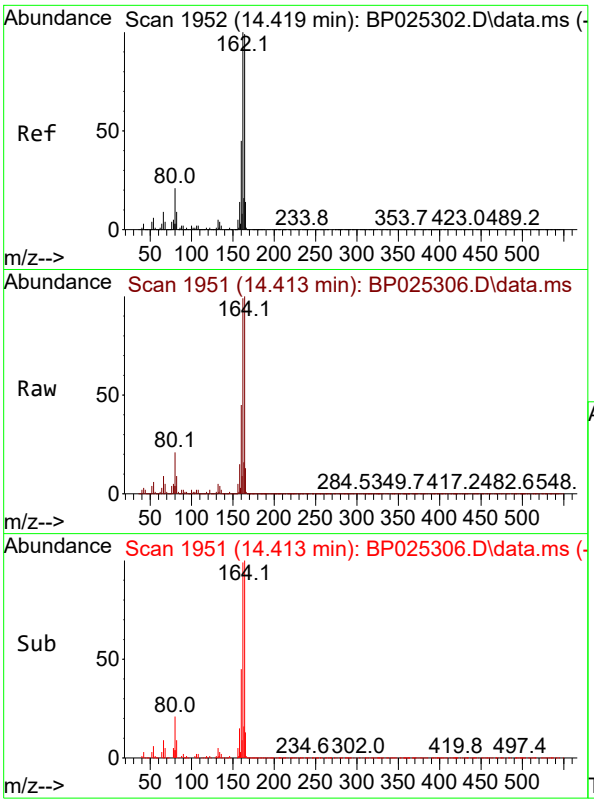


#38
1-Methylnaphthalene
Concen: 38.438 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:142 Resp: 1647105

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	3.8	3.0	4.6

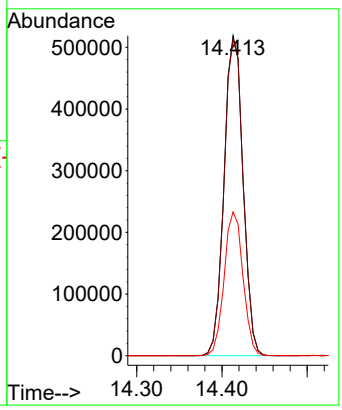




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:164 Resp: 80299

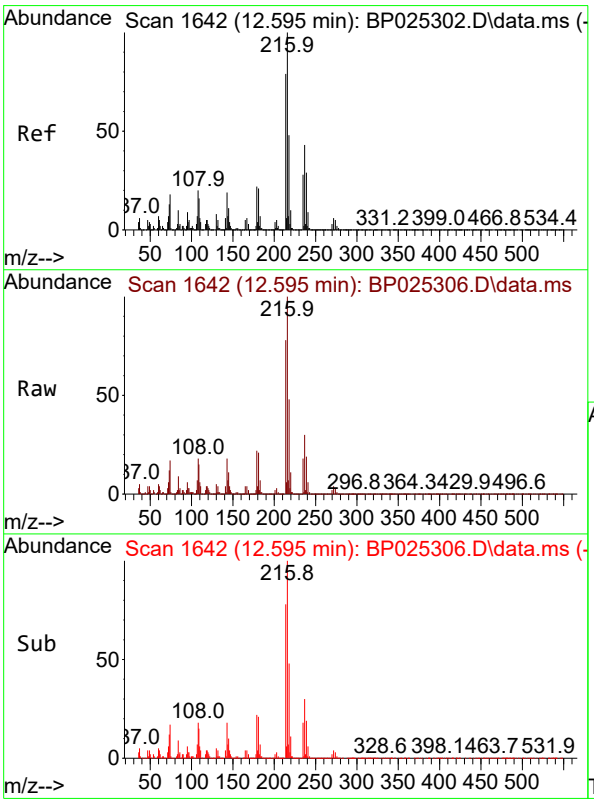
Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	45.0	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

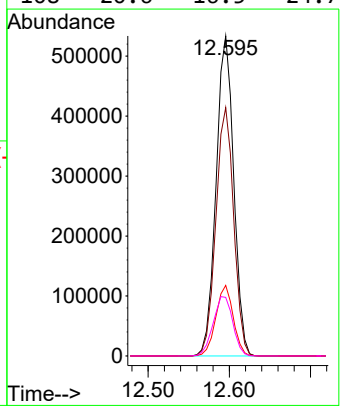
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

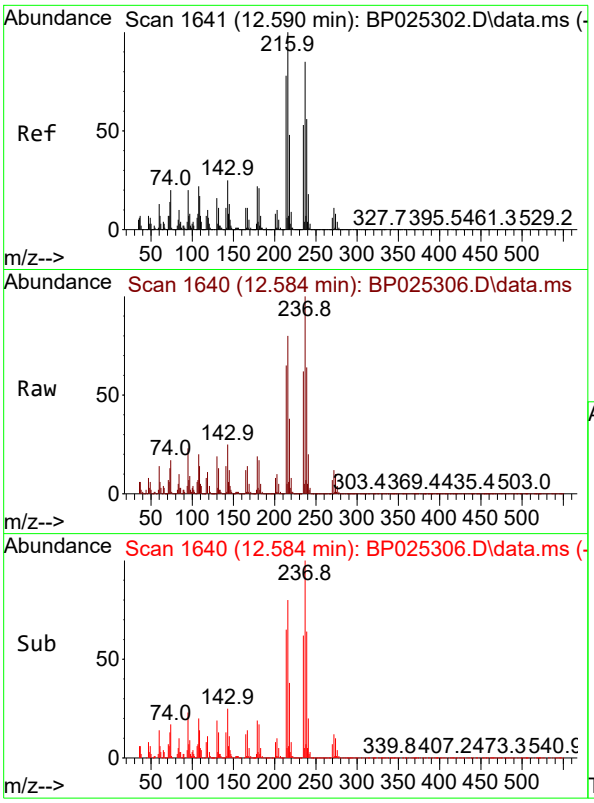


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.772 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:216 Resp: 806158

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.8	17.5	26.3
108	20.6	16.5	24.7

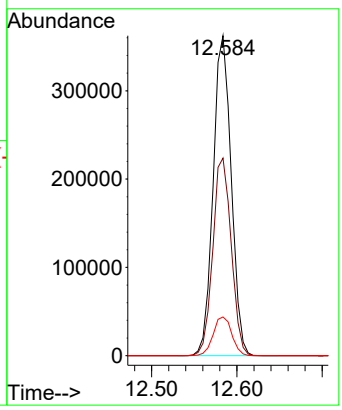




#41
Hexachlorocyclopentadiene
Concen: 39.389 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:237 Resp: 53296

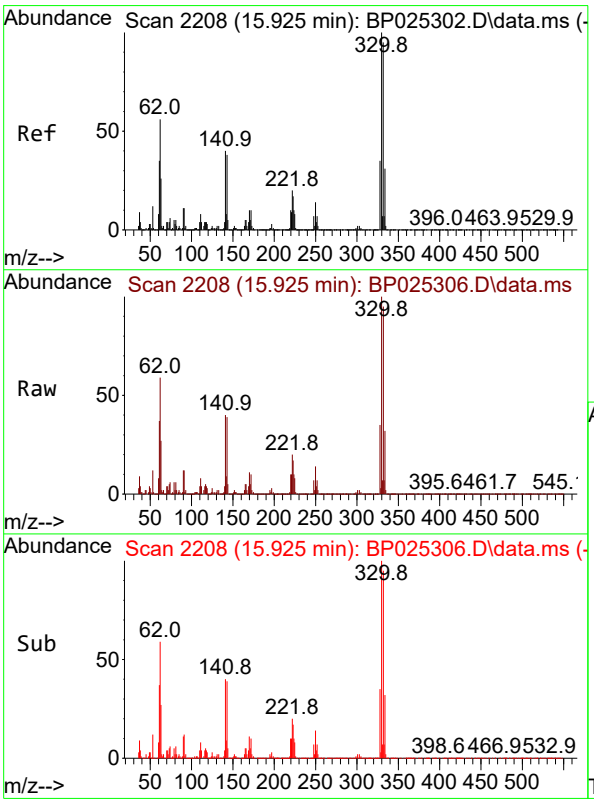
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.2	82.2
272	12.1	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

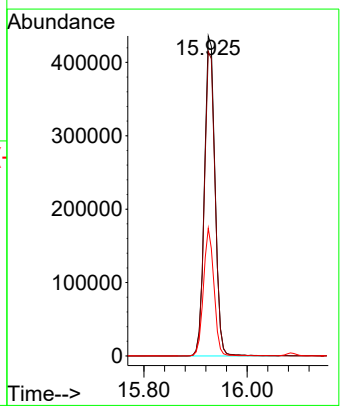
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

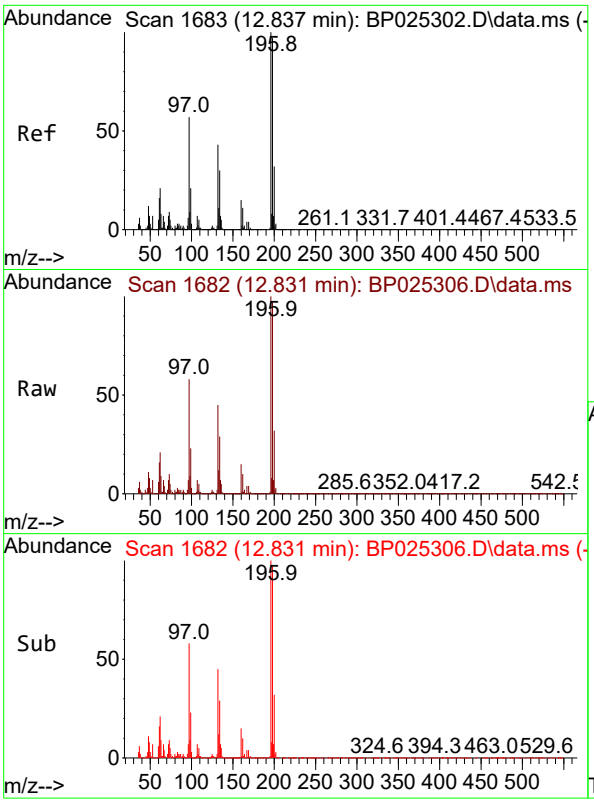


#42
2,4,6-Tribromophenol
Concen: 77.267 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:330 Resp: 618969

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.5	31.7	47.5

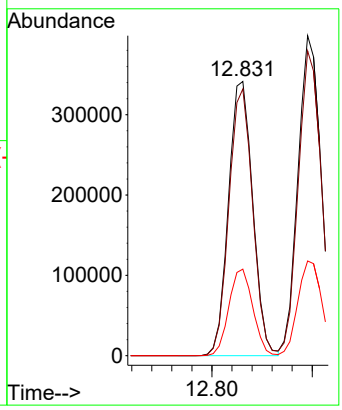




#43
2,4,6-Trichlorophenol
Concen: 40.551 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:196 Resp: 57428

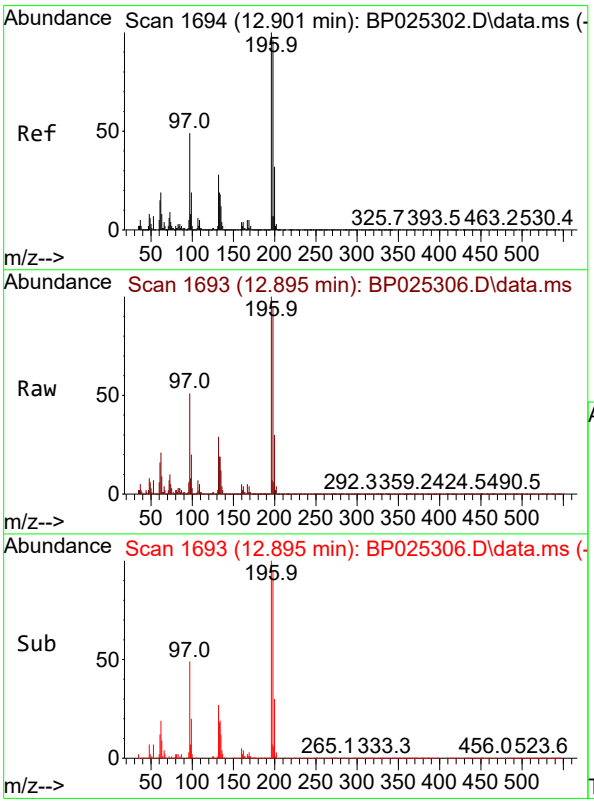
Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.3	115.9
200	31.6	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

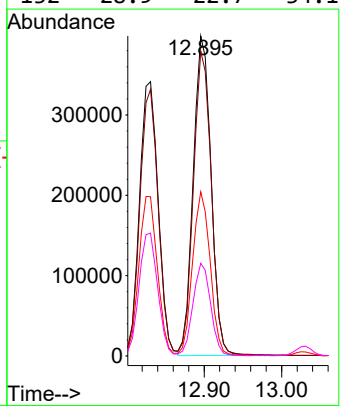
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

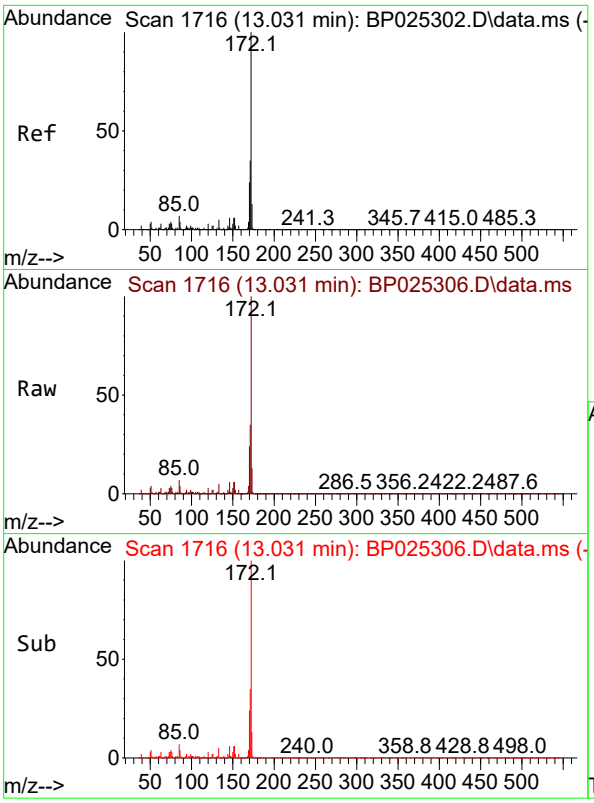


#44
2,4,5-Trichlorophenol
Concen: 40.117 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:196 Resp: 637340

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	114.8
97	51.3	39.5	59.3
132	28.9	22.7	34.1

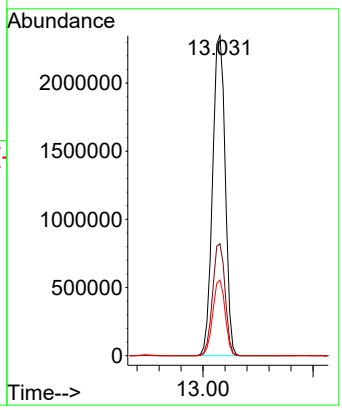




#45
2-Fluorobiphenyl
Concen: 64.394 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:172 Resp: 374367

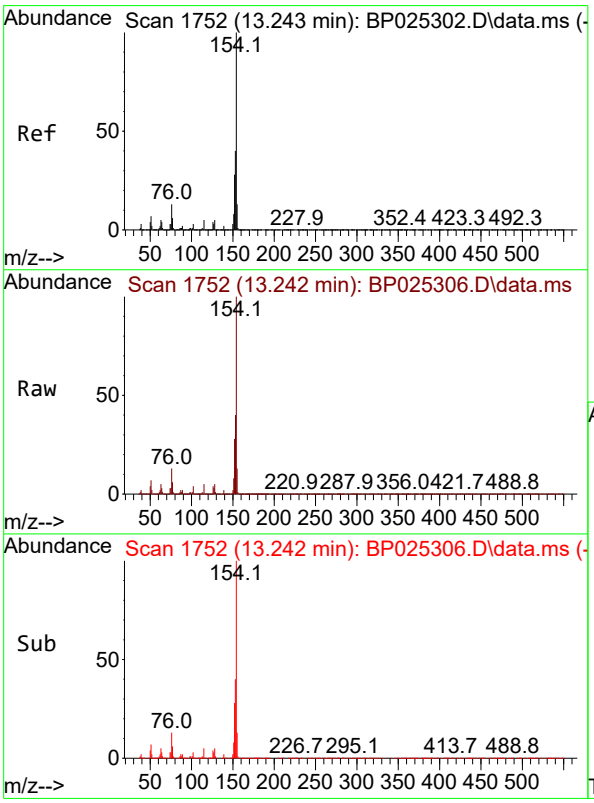
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

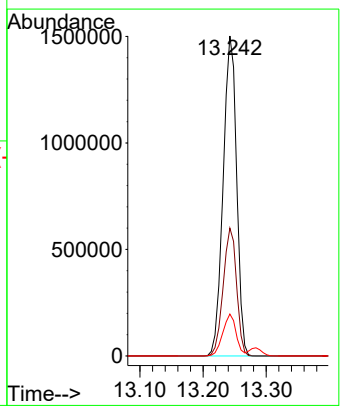
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

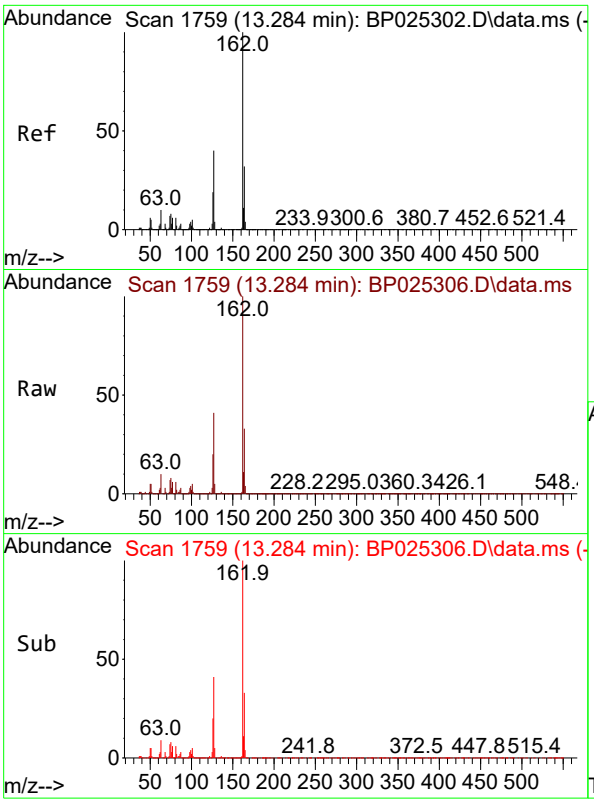


#46
1,1'-Biphenyl
Concen: 37.601 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:154 Resp: 2225078

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.1	0.0	33.2

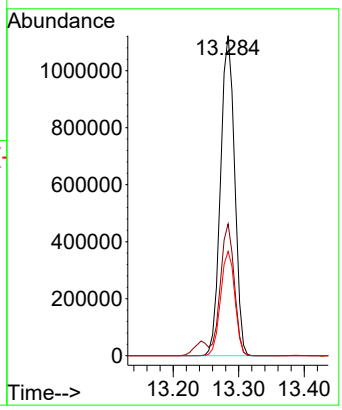




#47
2-Chloronaphthalene
Concen: 36.992 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:162 Resp: 167007

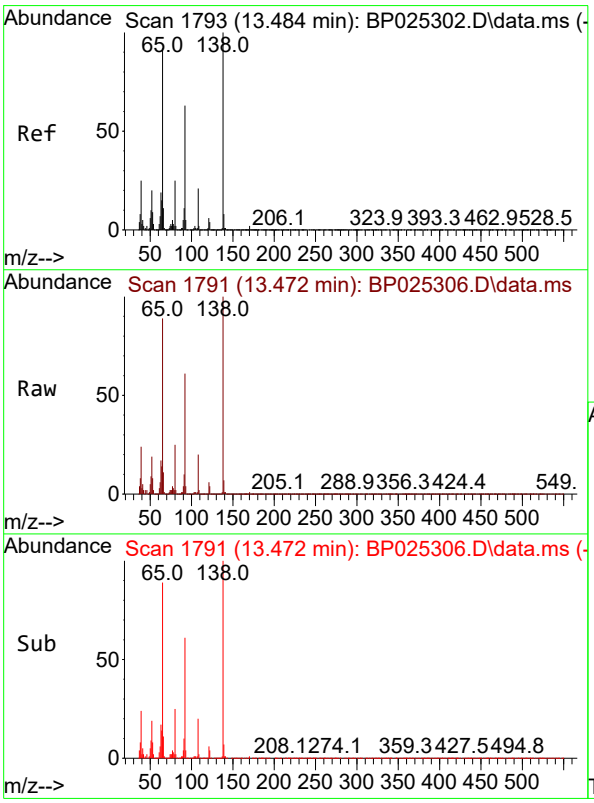
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.2
164	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

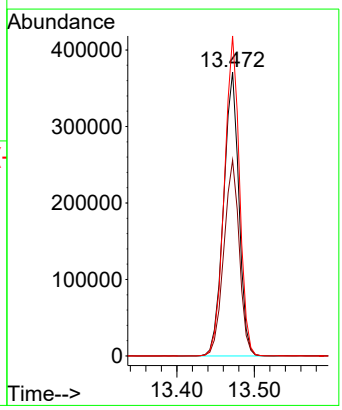
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

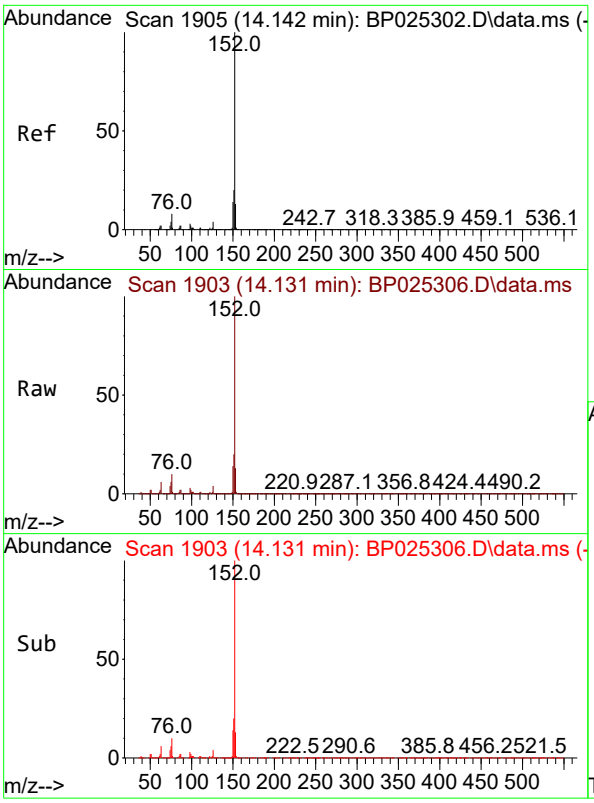


#48
2-Nitroaniline
Concen: 39.111 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 65 Resp: 509511

Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.4	81.6
138	112.8	87.0	130.4

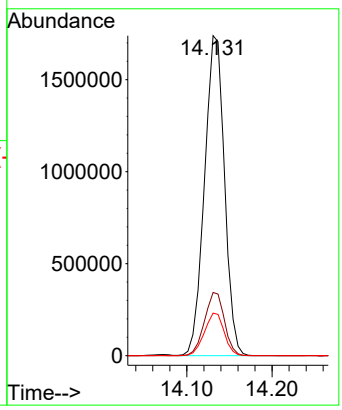




#49
Acenaphthylene
Concen: 37.711 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:152 Resp: 283989

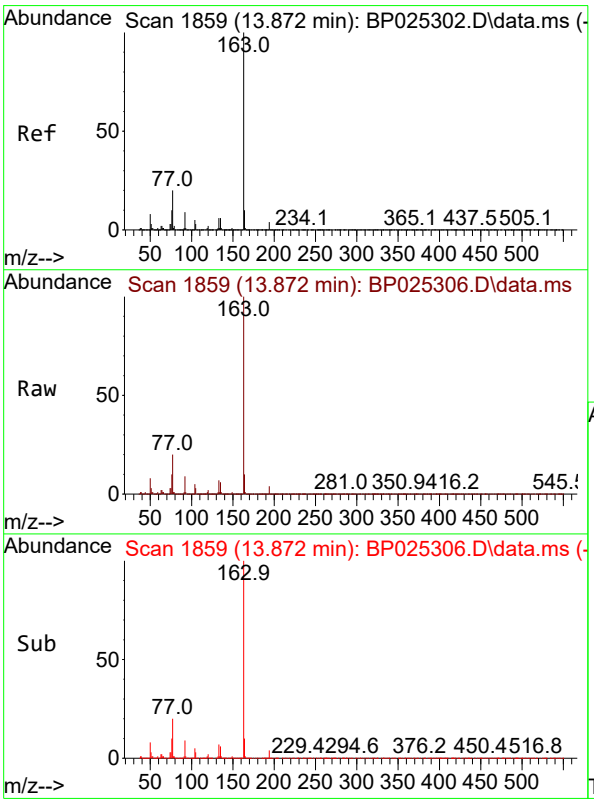
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

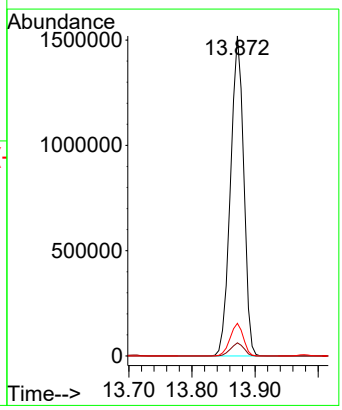
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

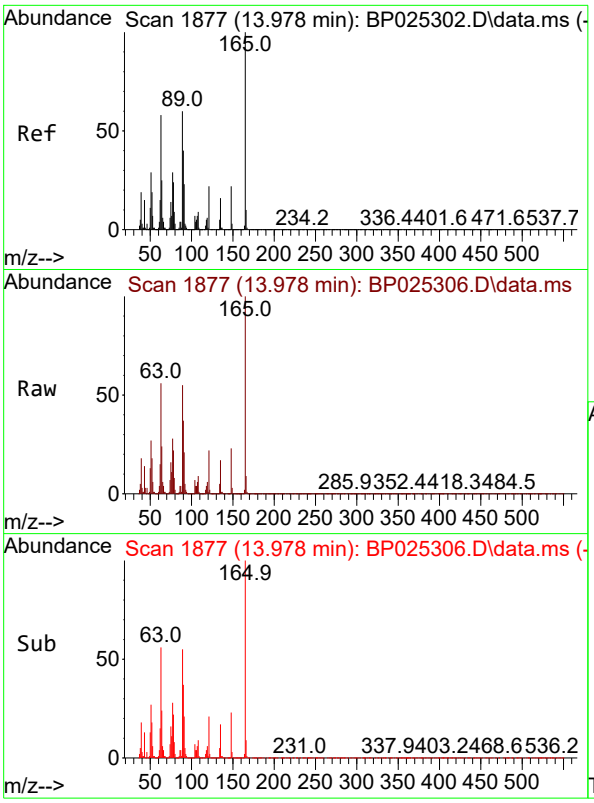


#50
Dimethylphthalate
Concen: 37.765 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:163 Resp: 2210689

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 42.979 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

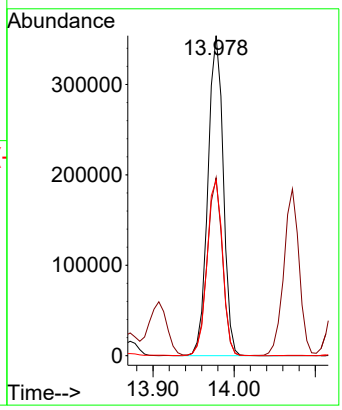
Tgt Ion:165 Resp: 46406

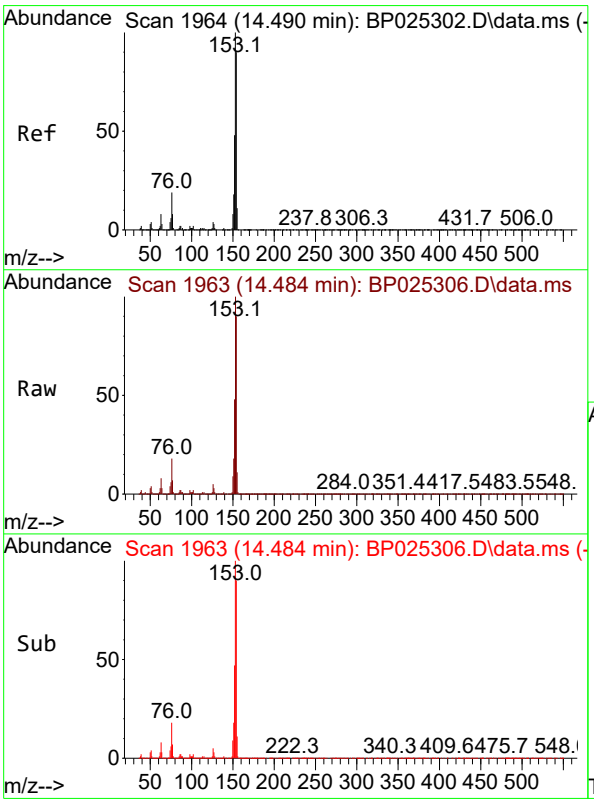
Ion	Ratio	Lower	Upper
165	100		
63	55.6	47.6	71.4
89	54.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

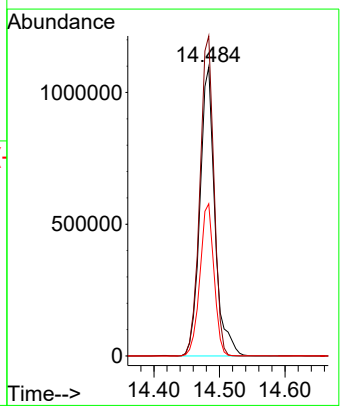


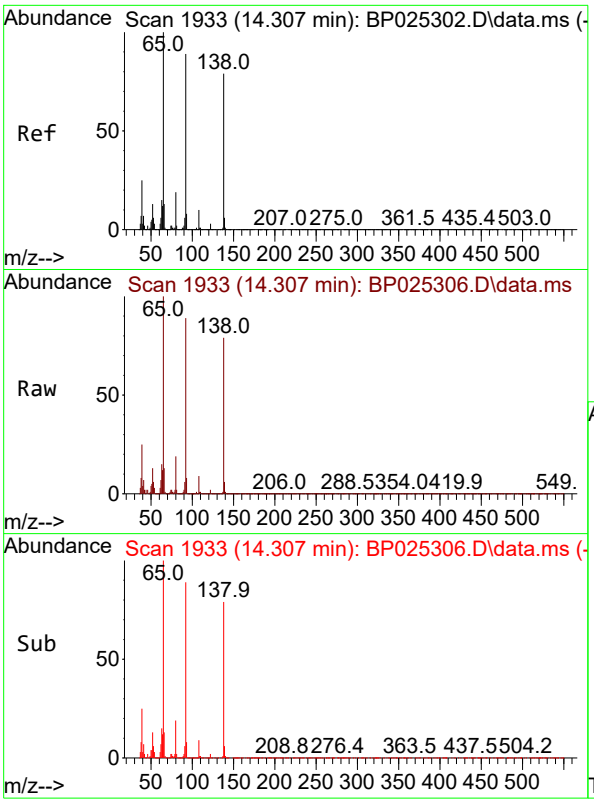


#52
Acenaphthene
Concen: 37.908 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:154 Resp: 1741305

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.4	134.0
152	52.6	43.0	64.6





#53
3-Nitroaniline
Concen: 42.925 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

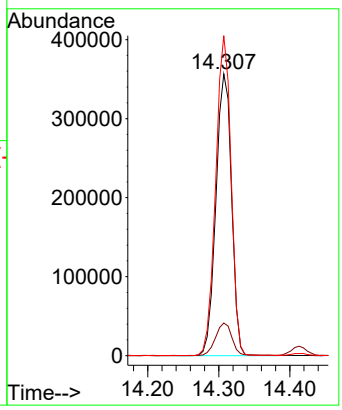
Tgt Ion:138 Resp: 54233

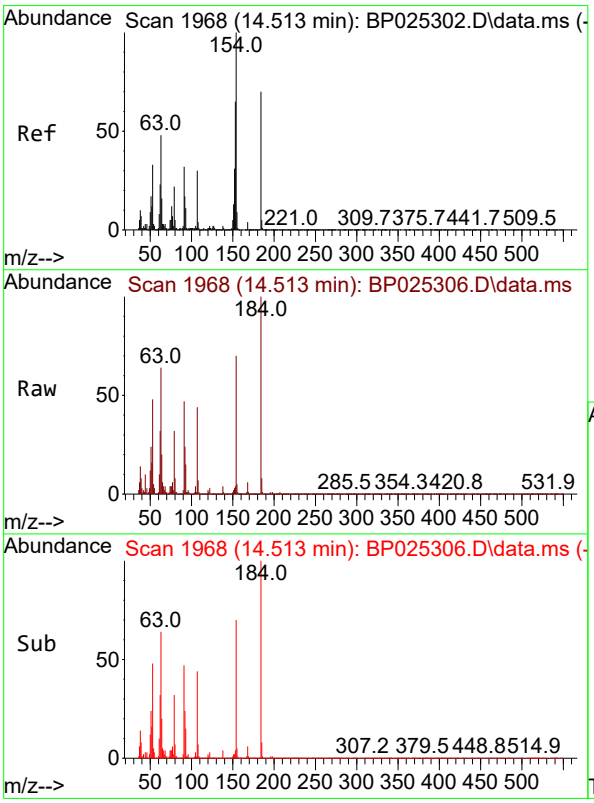
Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	113.5	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

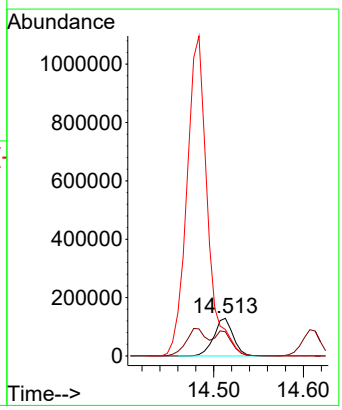


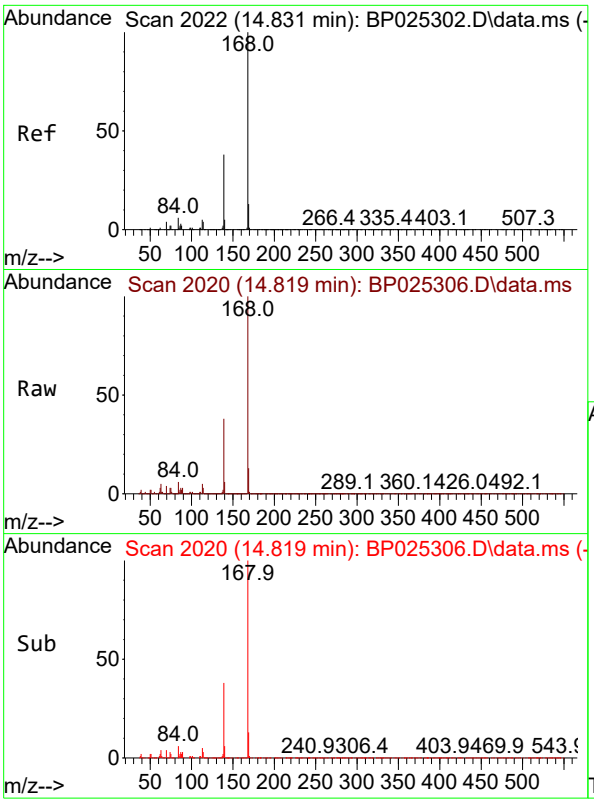


#54
2,4-Dinitrophenol
Concen: 44.579 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:184 Resp: 192889

Ion	Ratio	Lower	Upper
184	100		
63	64.3	56.3	84.5
154	70.3	124.5	186.7#

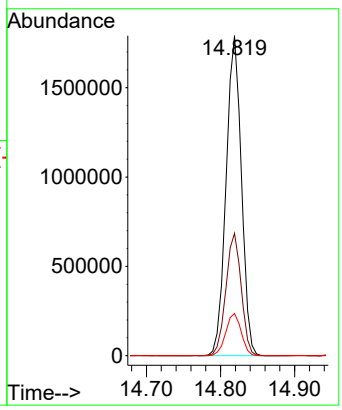




#55
Dibenzofuran
Concen: 37.357 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:168 Resp: 256438

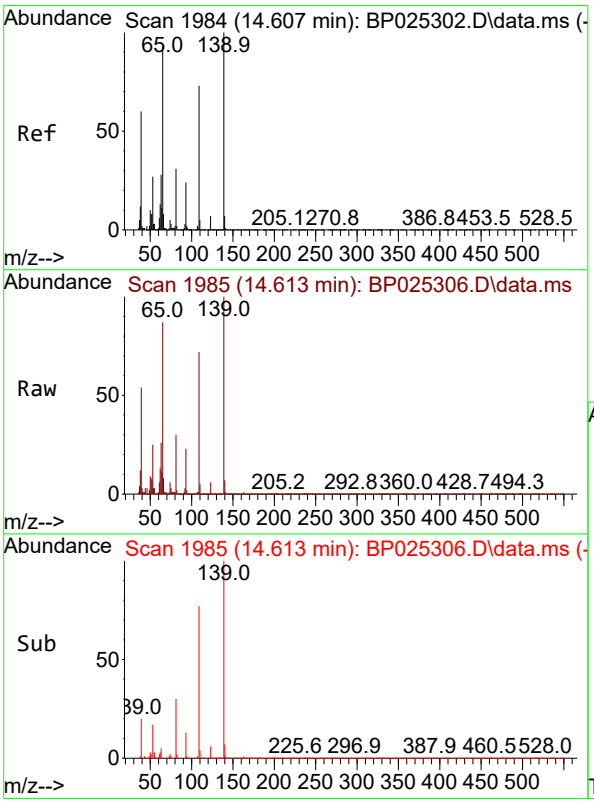
Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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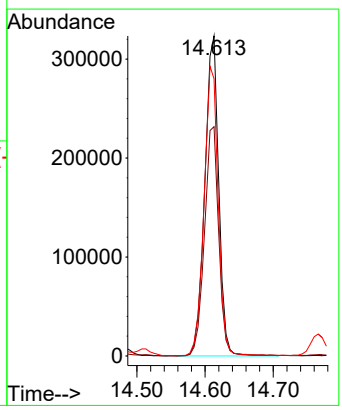
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

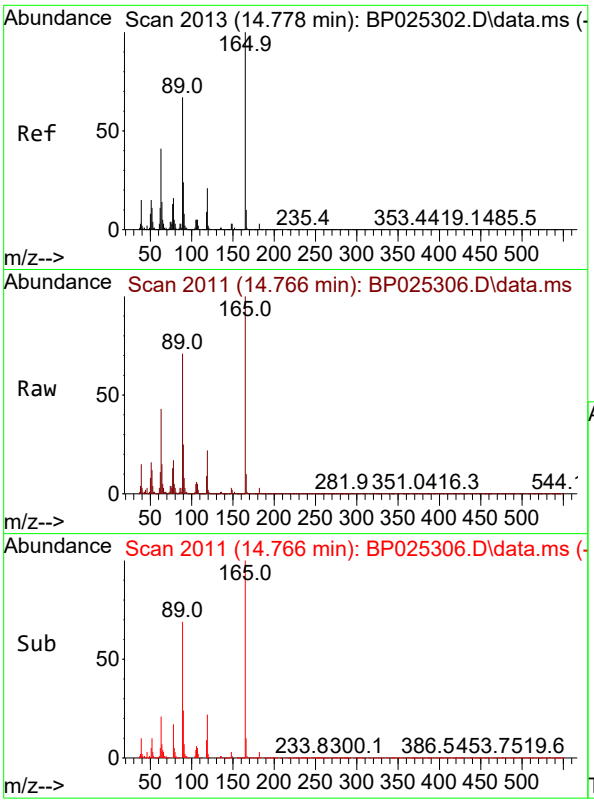


#56
4-Nitrophenol
Concen: 41.198 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:139 Resp: 459387

Ion	Ratio	Lower	Upper
139	100		
109	71.6	52.7	92.7
65	86.6	73.4	113.4

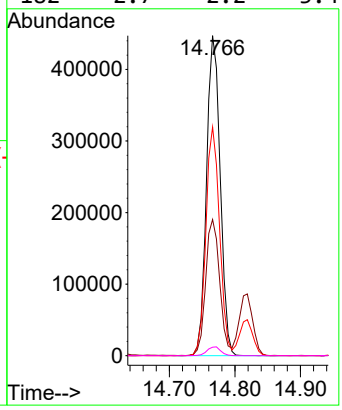




#57
2,4-Dinitrotoluene
Concen: 39.363 ng
RT: 14.766 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:165 Resp: 64833

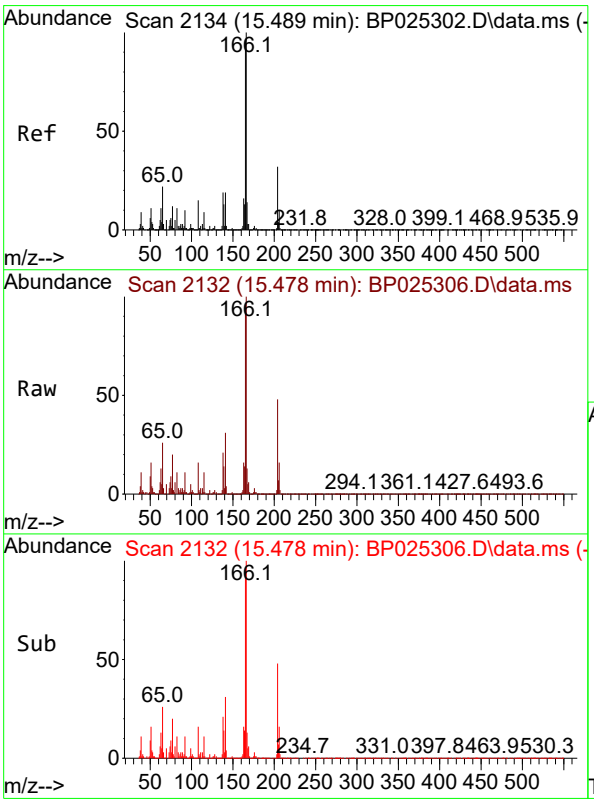
Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.2	49.8
89	71.5	53.5	80.3
182	2.7	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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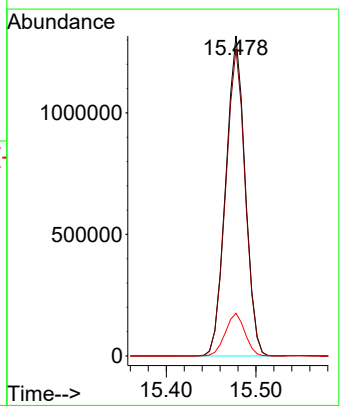
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

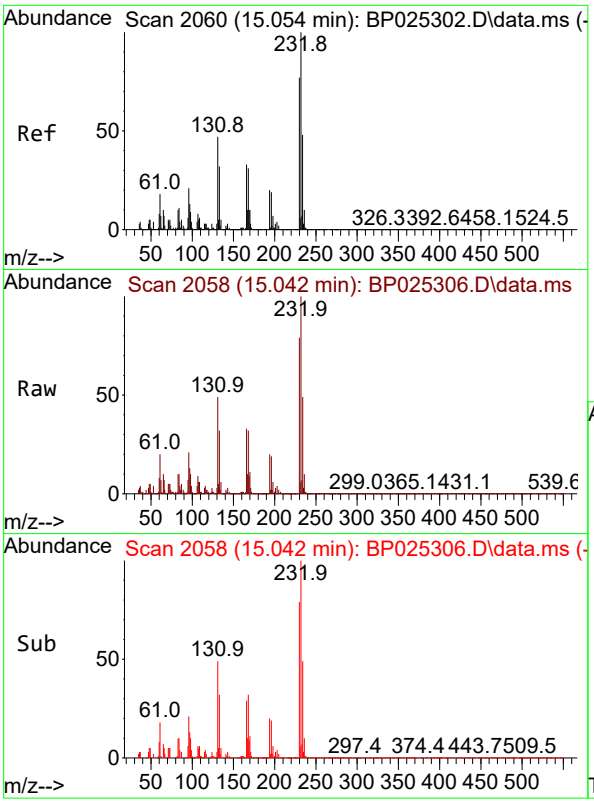


#58
Fluorene
Concen: 36.584 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:166 Resp: 1972403

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.4	10.9	16.3

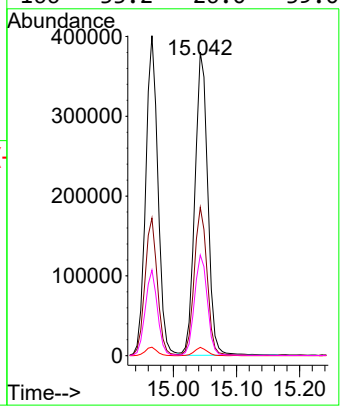




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.516 ng
RT: 15.042 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:232 Resp: 53767

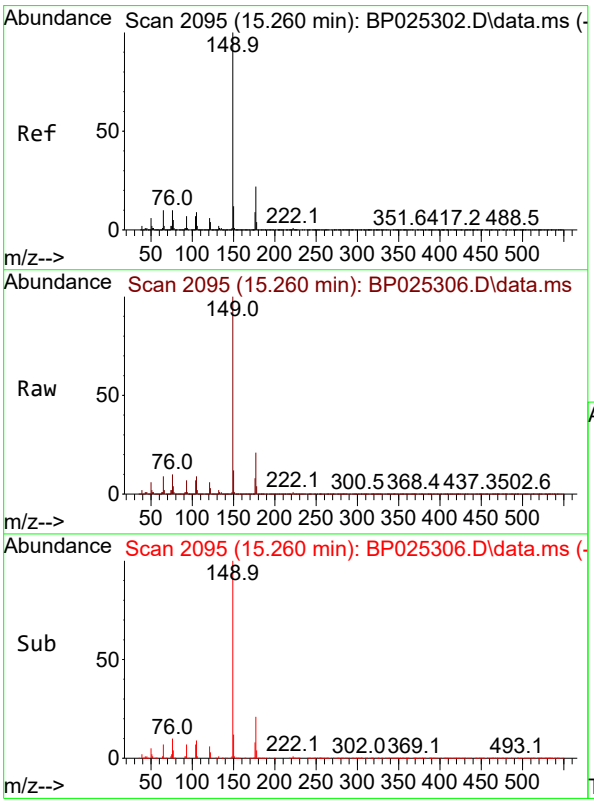
Ion	Ratio	Lower	Upper
232	100		
131	48.5	39.3	58.9
130	2.6	2.2	3.2
166	33.2	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

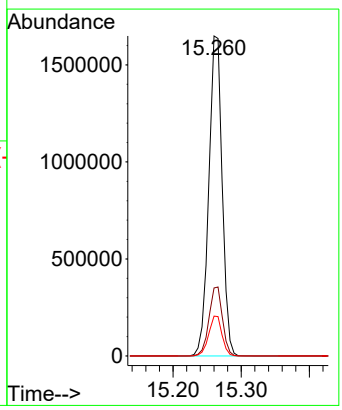
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

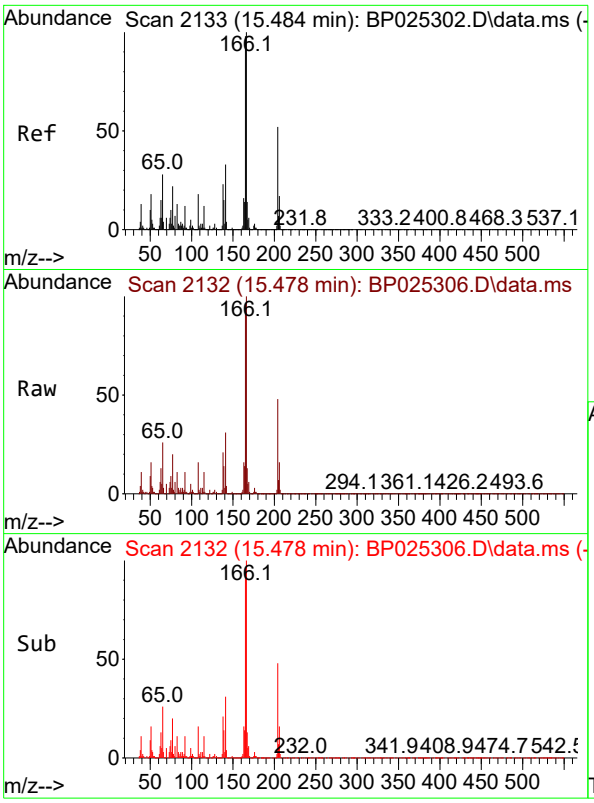


#60
Diethylphthalate
Concen: 38.127 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 2250136

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.4	9.8	14.8

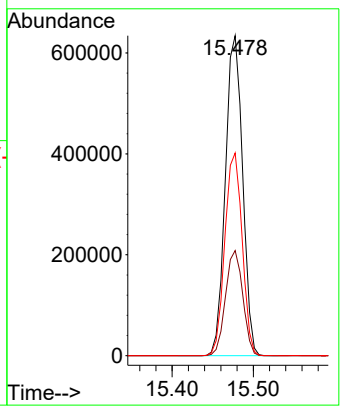




#61
4-Chlorophenyl-phenylether
Concen: 36.635 ng
RT: 15.478 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:204 Resp: 93637

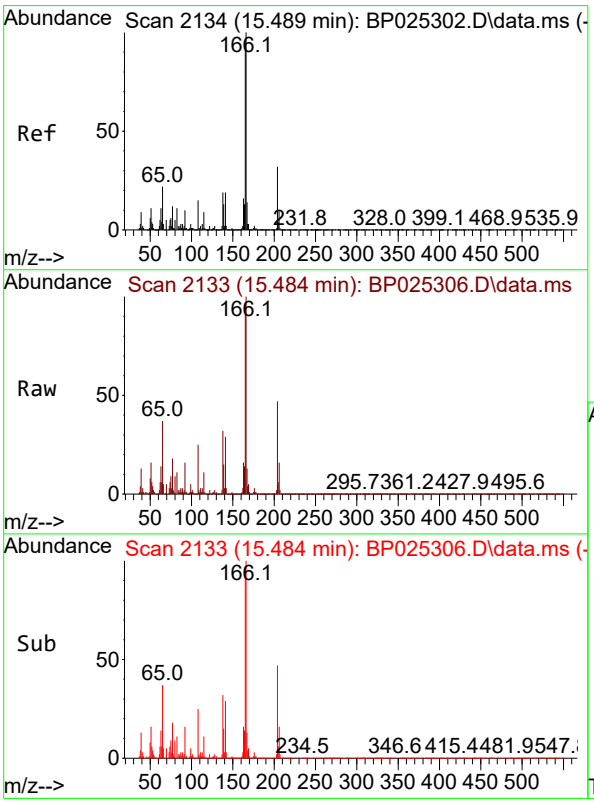
Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.0	40.4
141	63.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

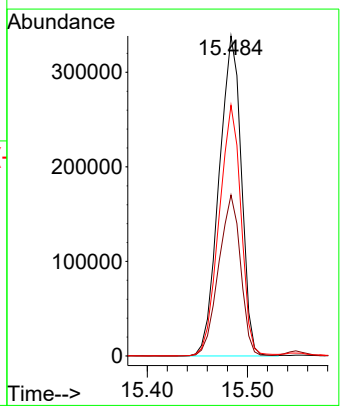
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

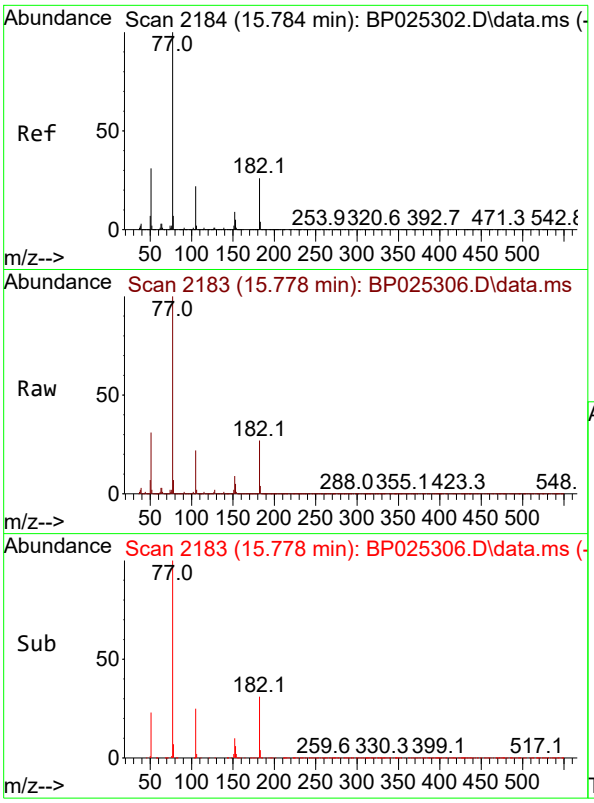


#62
4-Nitroaniline
Concen: 41.652 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:138 Resp: 521442

Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.8	69.8
108	78.3	56.6	96.6

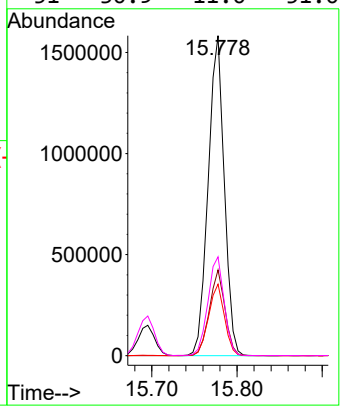




#63
Azobenzene
Concen: 37.866 ng
RT: 15.778 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 207603

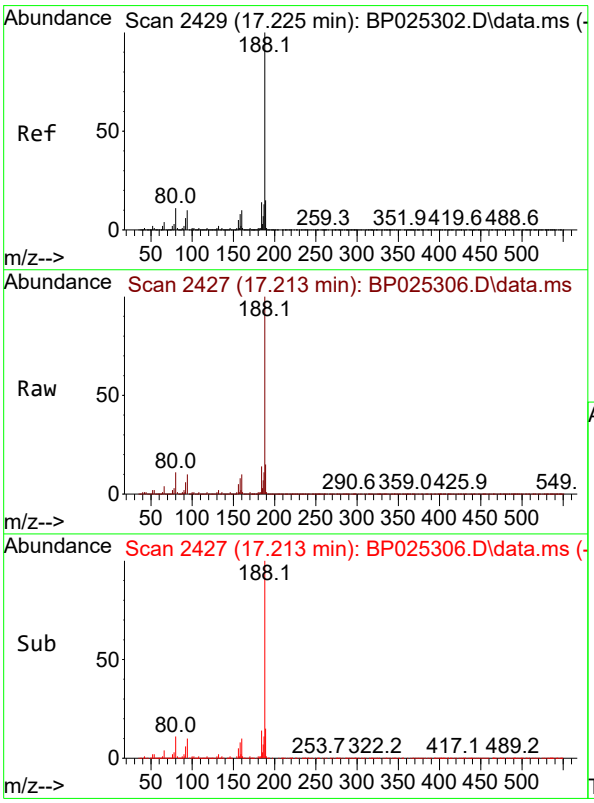
Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.0	46.0
105	22.4	2.1	42.1
51	30.9	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

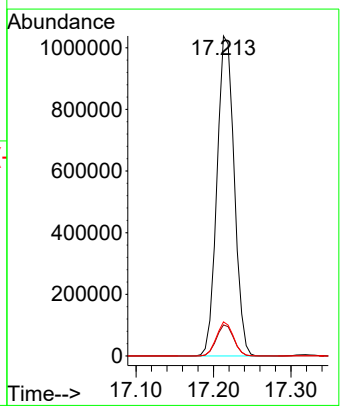
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

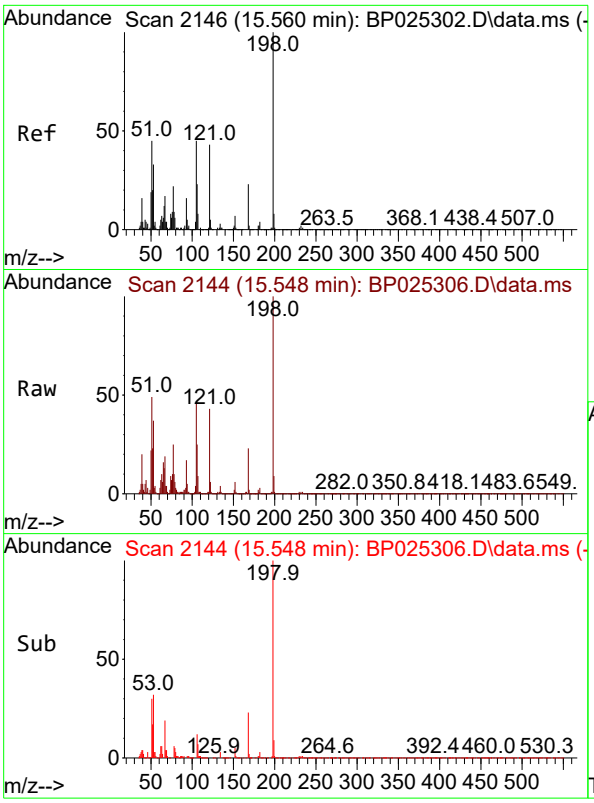


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:188 Resp: 1605717

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.7	8.5	12.7

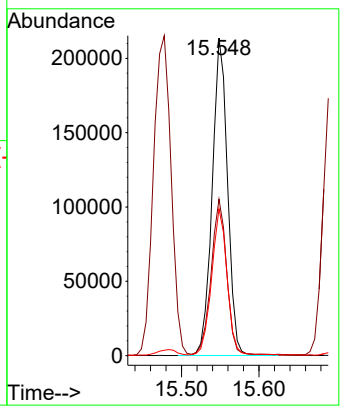




#65
4,6-Dinitro-2-methylphenol
Concen: 43.059 ng
RT: 15.548 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:198 Resp: 29369

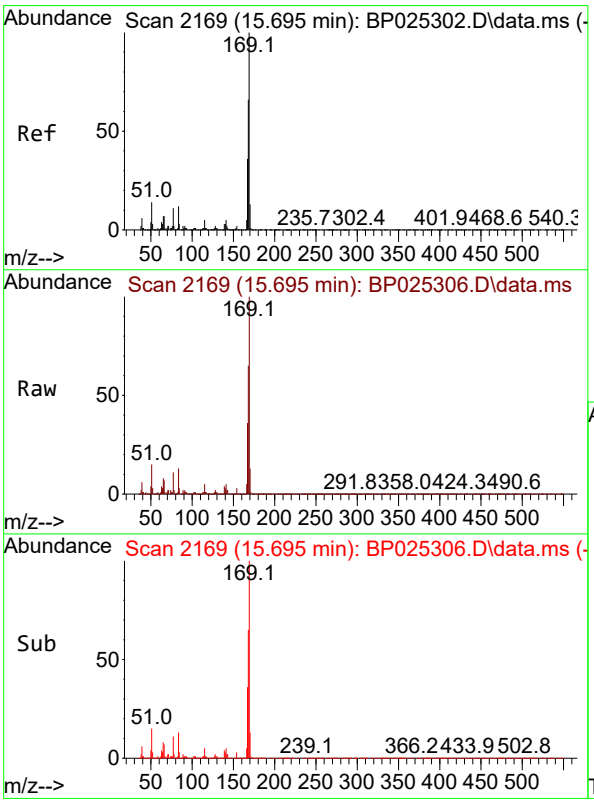
Ion	Ratio	Lower	Upper
198	100		
51	49.3	26.7	66.7
105	46.2	25.6	65.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

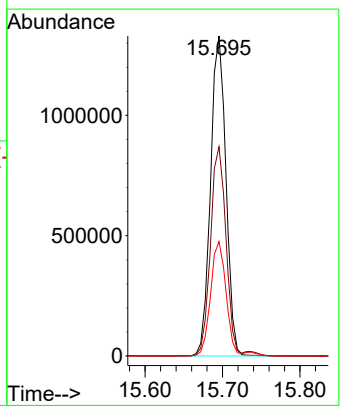
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

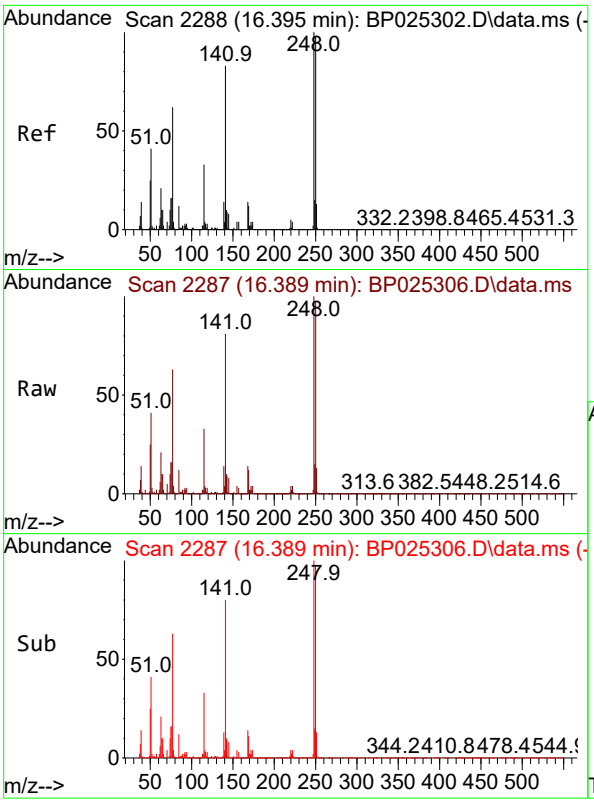


#66
n-Nitrosodiphenylamine
Concen: 37.466 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:169 Resp: 1831755

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	35.8	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 37.882 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

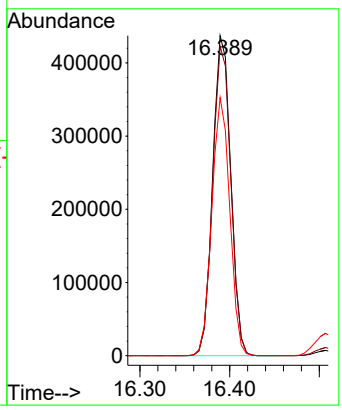
Tgt Ion:248 Resp: 61202

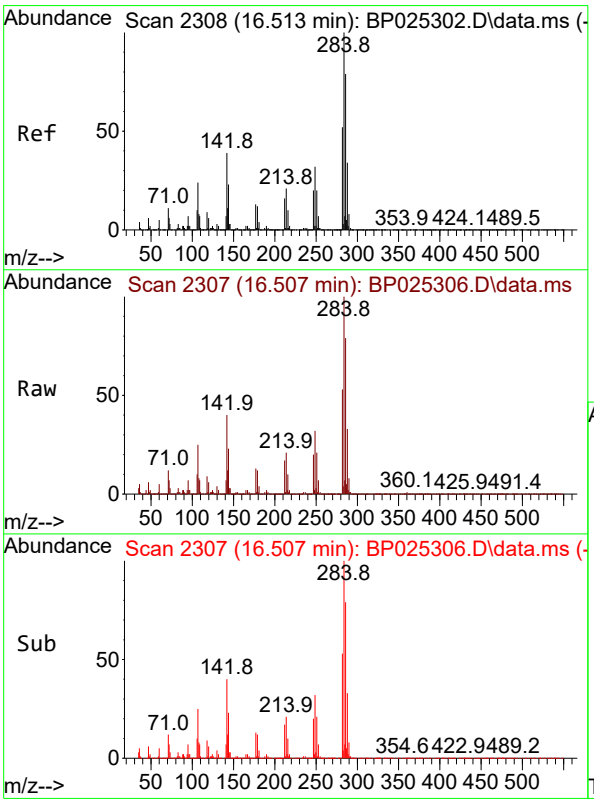
Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.6	117.8
141	80.7	66.6	99.8

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

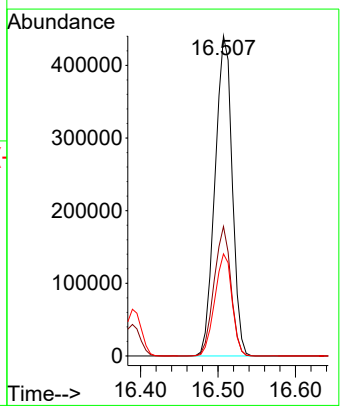


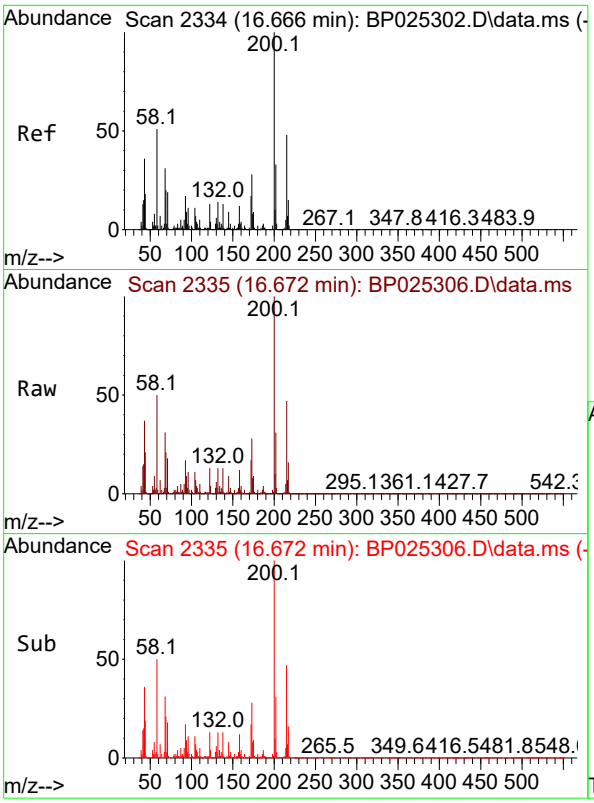


#68
Hexachlorobenzene
Concen: 37.437 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:284 Resp: 678667

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.8	46.2
249	31.9	25.4	38.0

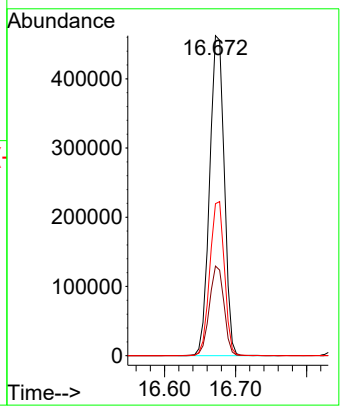




#69
Atrazine
Concen: 38.434 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:200 Resp: 66081

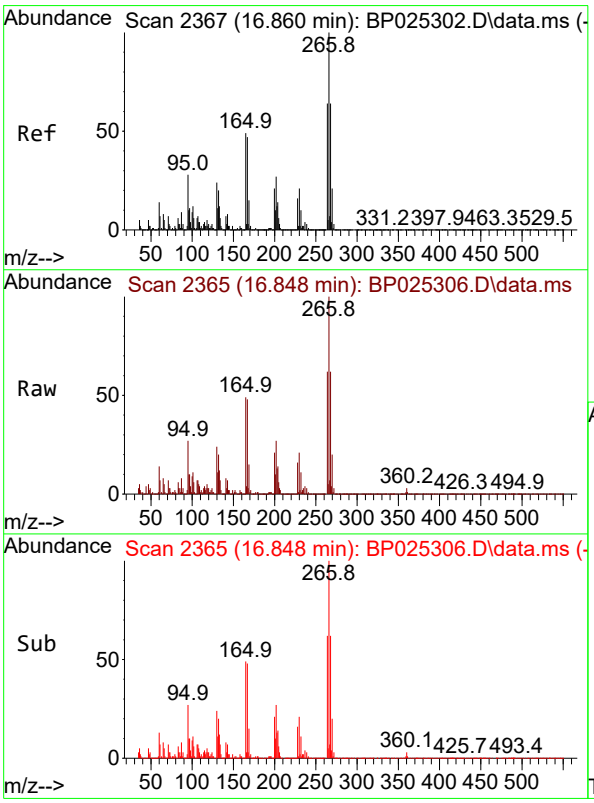
Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.2	48.2
215	47.5	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

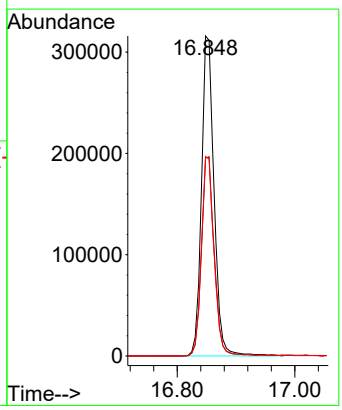
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

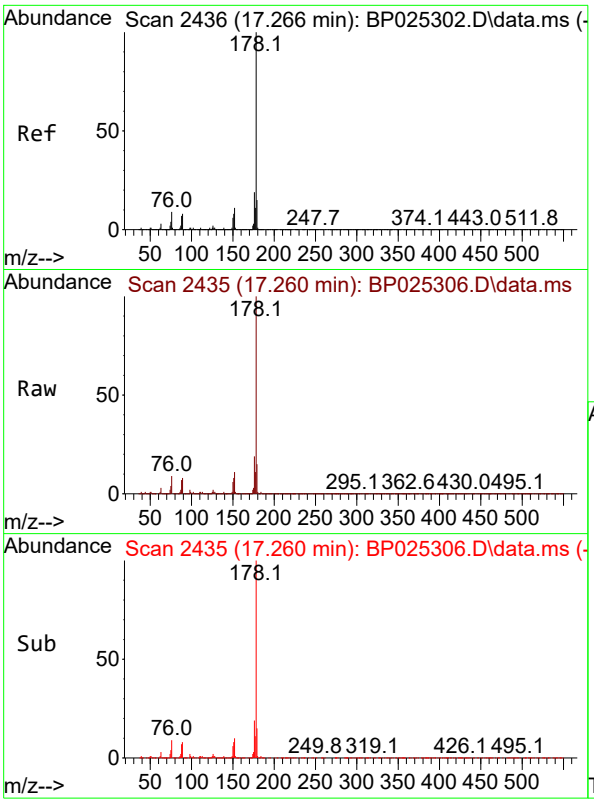


#70
Pentachlorophenol
Concen: 40.655 ng
RT: 16.848 min Scan# 2365
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:266 Resp: 469548

Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.4	77.0
264	62.4	51.1	76.7

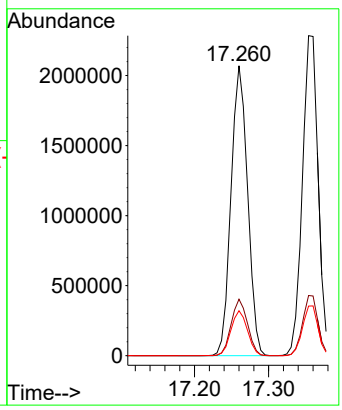




#71
Phenanthrene
Concen: 36.596 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:178 Resp: 321848

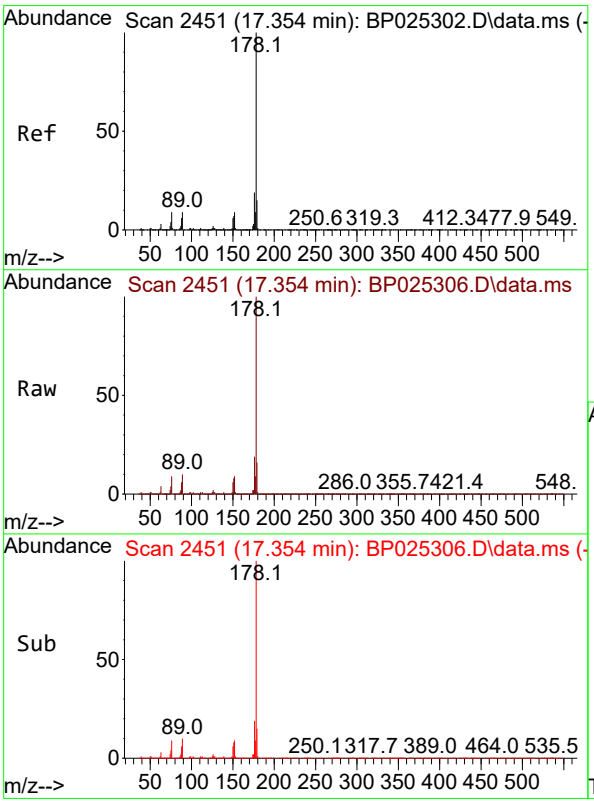
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

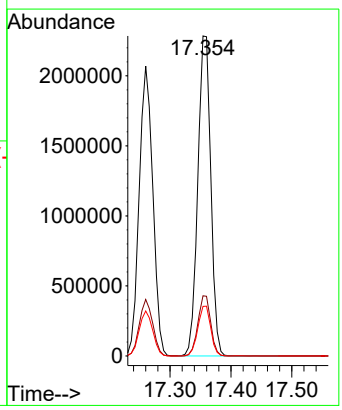
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

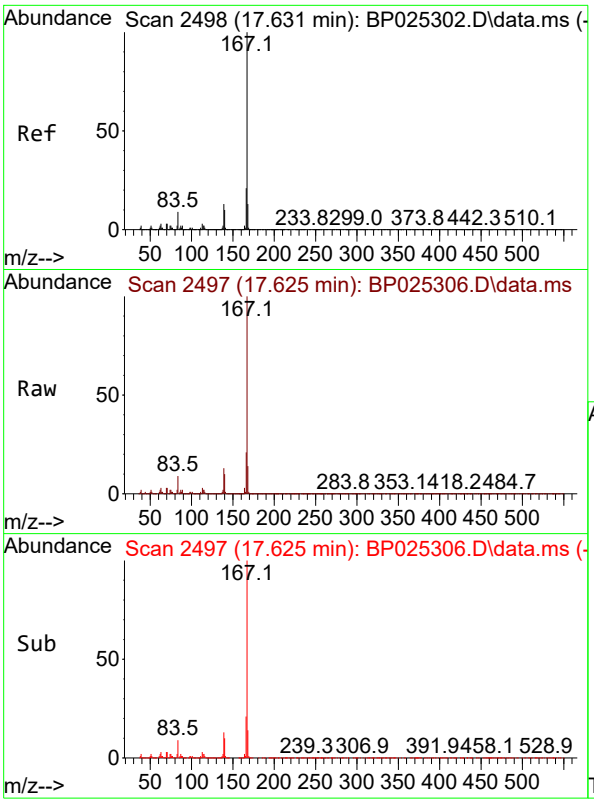


#72
Anthracene
Concen: 38.053 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:178 Resp: 3374425

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.3	18.5

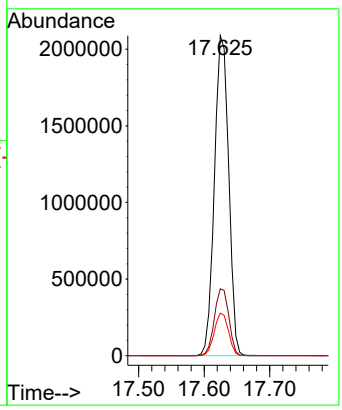




#73
Carbazole
Concen: 36.915 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:167 Resp: 314227

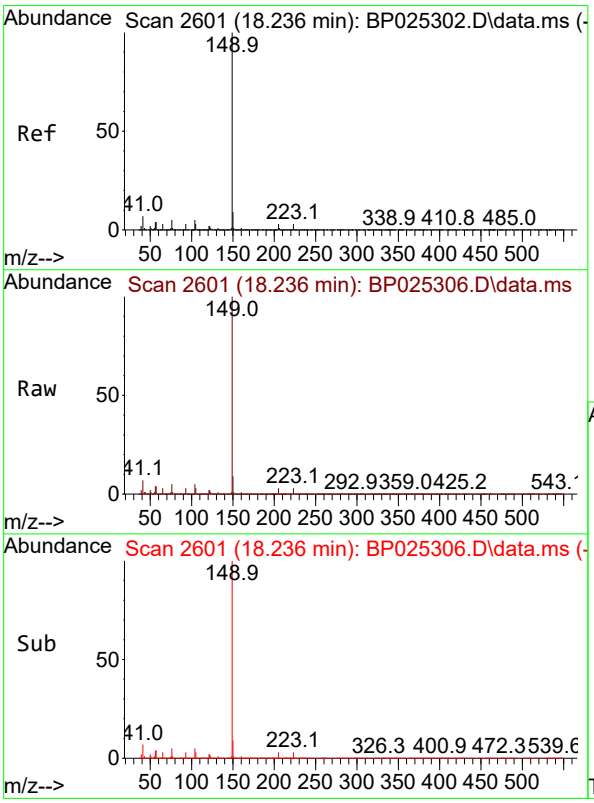
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

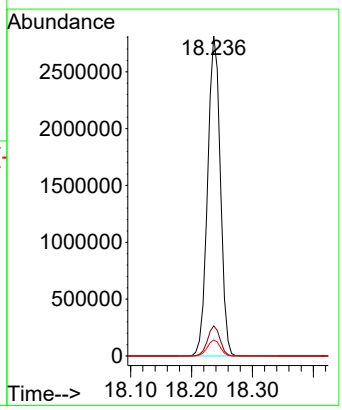
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

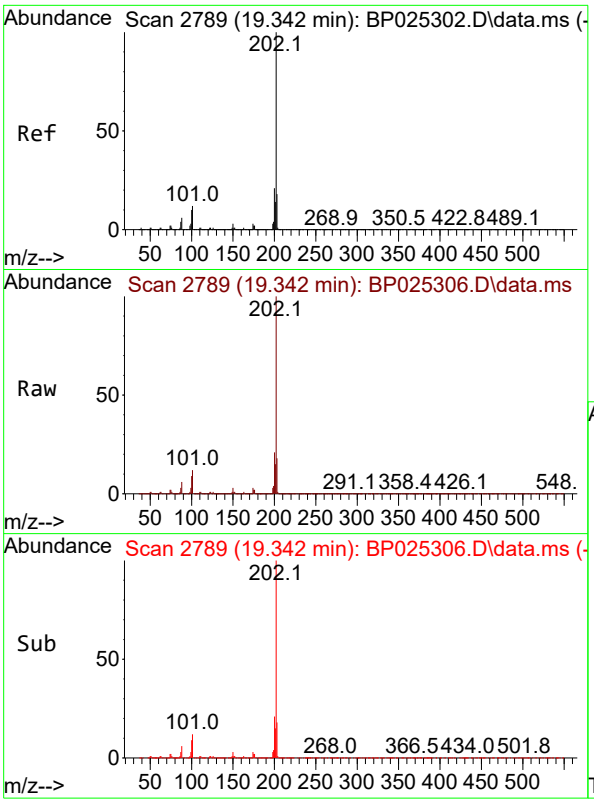


#74
Di-n-butylphthalate
Concen: 39.636 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 4081711

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.1	6.1

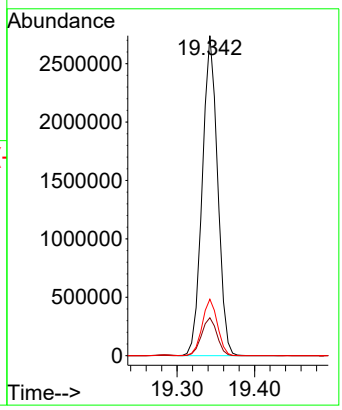




#75
Fluoranthene
Concen: 36.904 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:202 Resp: 375723

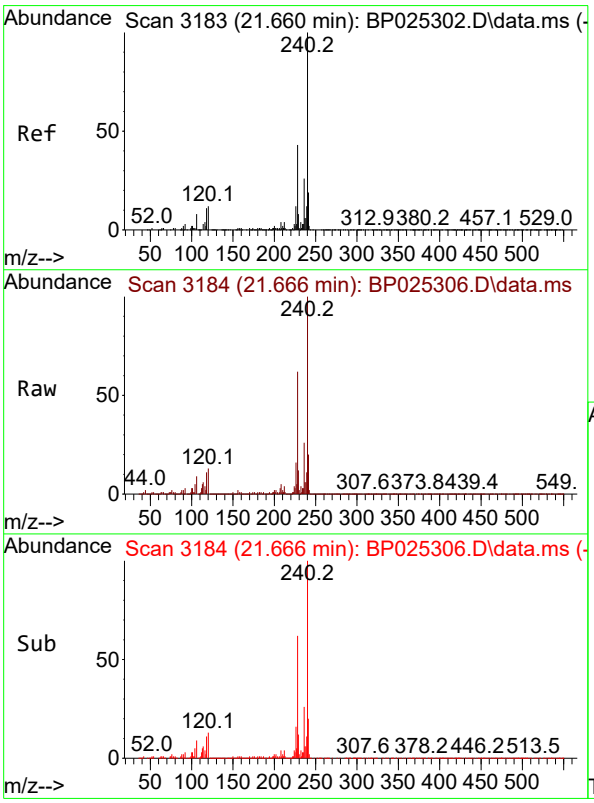
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.5
203	17.7	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

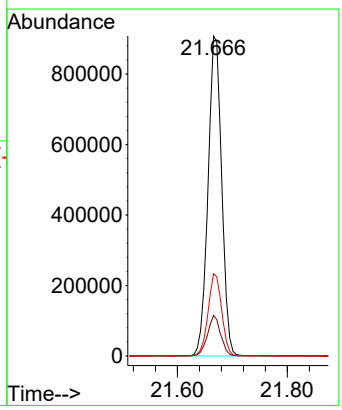
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

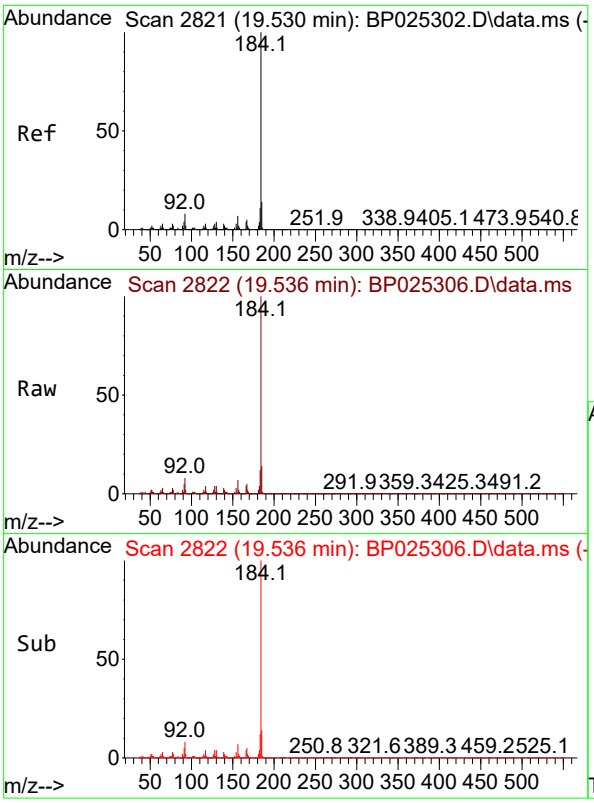


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:240 Resp: 1565231

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.6	14.4
236	25.7	20.4	30.6

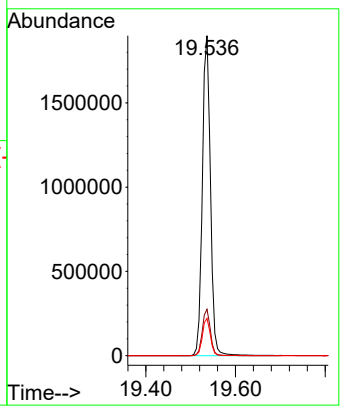




#77
Benzidine
Concen: 42.024 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:184 Resp: 238075

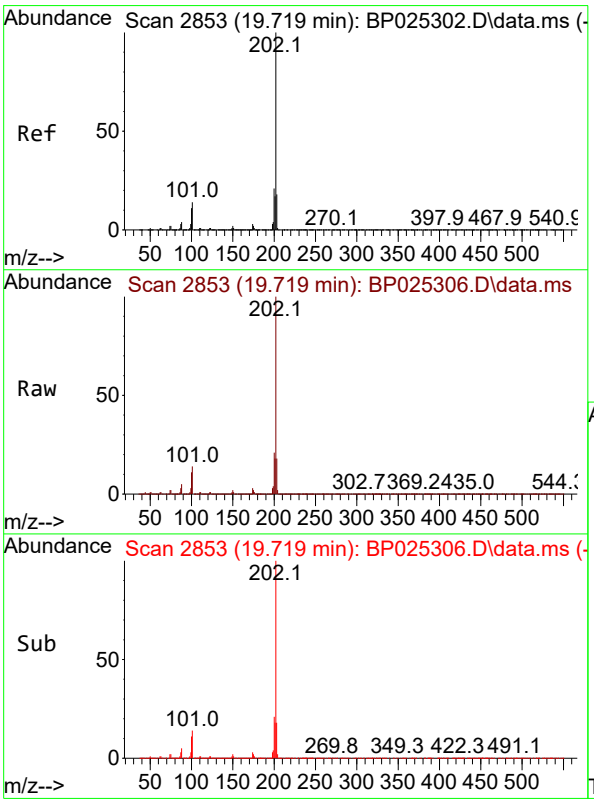
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.0	16.6
183	11.6	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

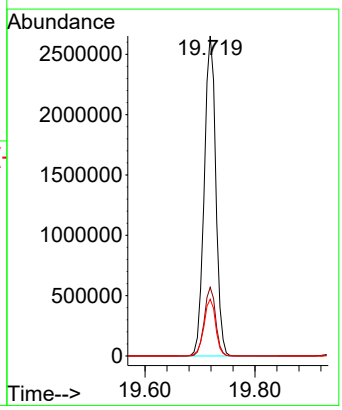
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

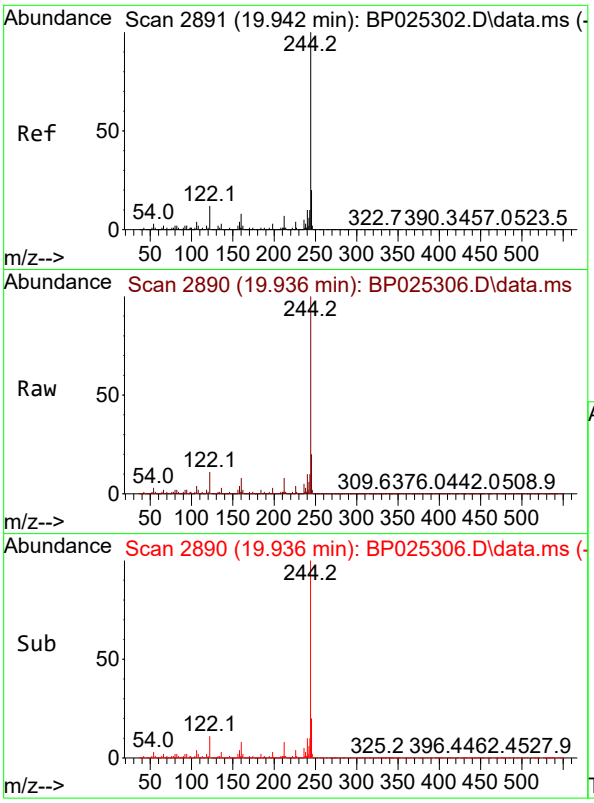


#78
Pyrene
Concen: 37.027 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:202 Resp: 3853987

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.8	14.1	21.1

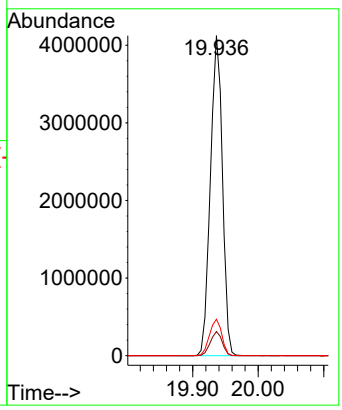




#79
Terphenyl-d14
Concen: 63.367 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:244 Resp: 525122

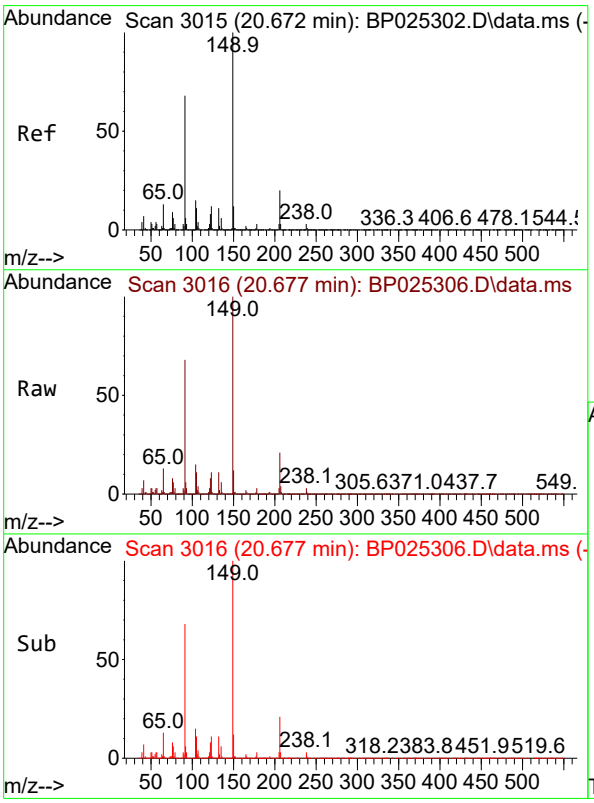
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.4	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

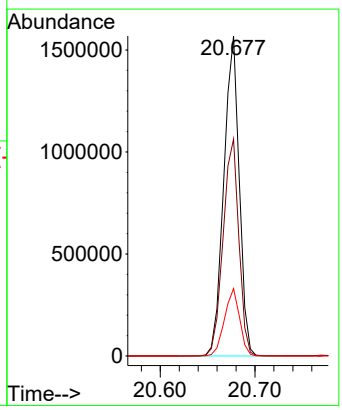
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

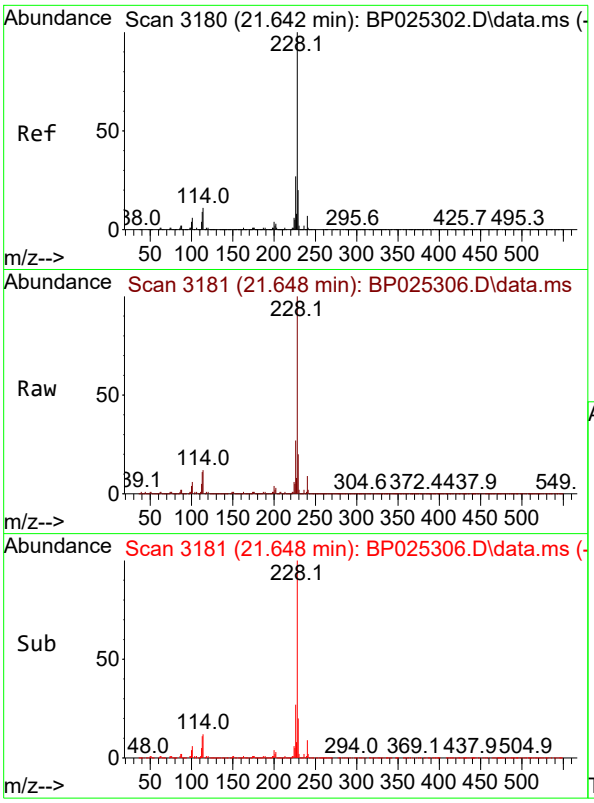


#80
Butylbenzylphthalate
Concen: 42.064 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 1775636

Ion	Ratio	Lower	Upper
149	100		
91	67.8	54.7	82.1
206	21.1	16.4	24.6

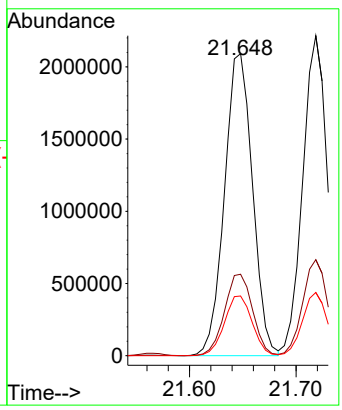




#81
Benzo(a)anthracene
Concen: 36.791 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:228 Resp: 382677

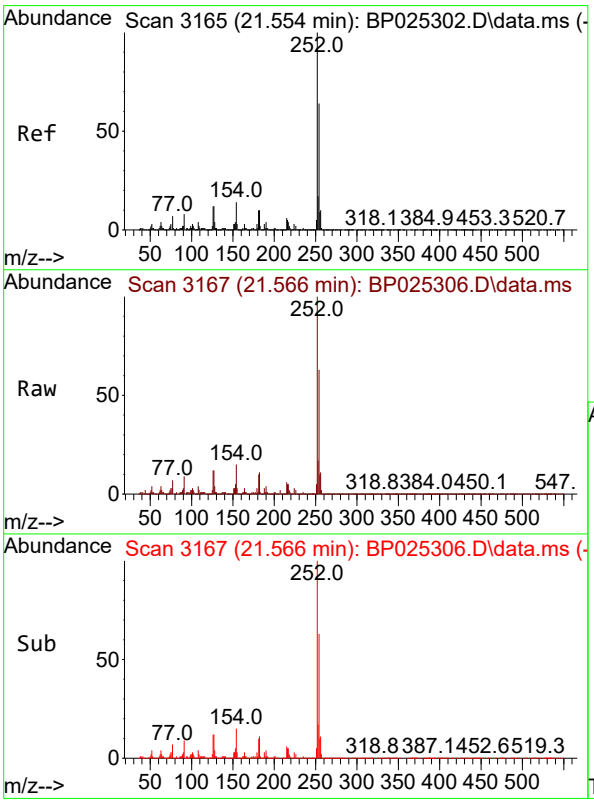
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

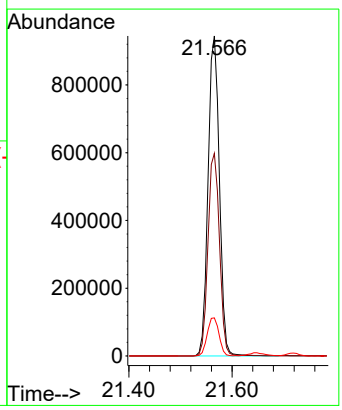
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

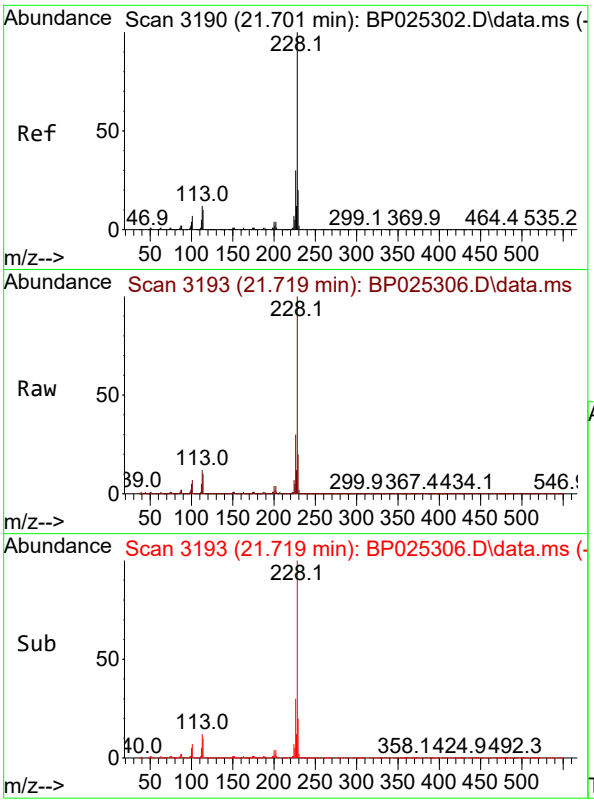


#82
3,3'-Dichlorobenzidine
Concen: 38.998 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 1431183

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.6
126	11.9	9.4	14.2

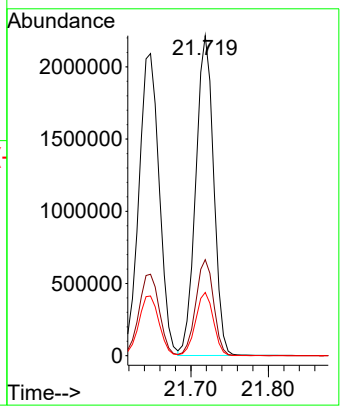




#83
Chrysene
Concen: 36.707 ng
RT: 21.719 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:228 Resp: 354127

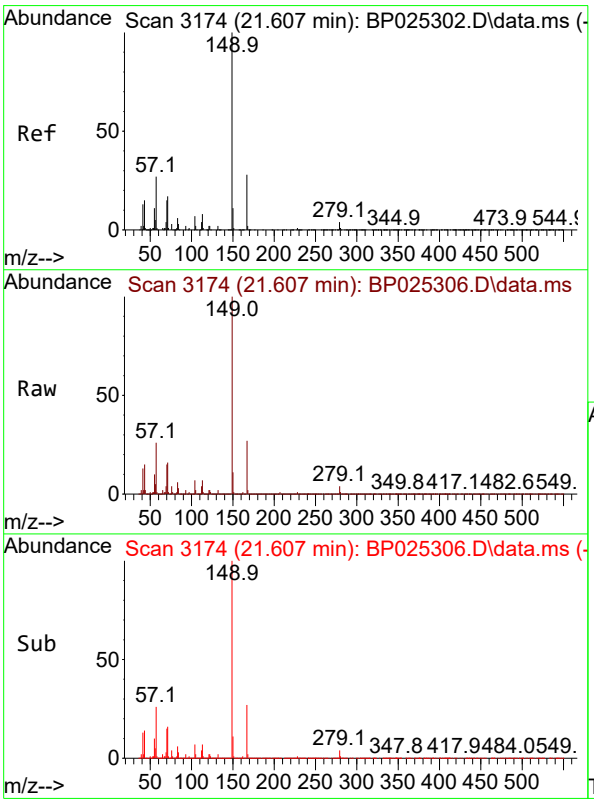
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

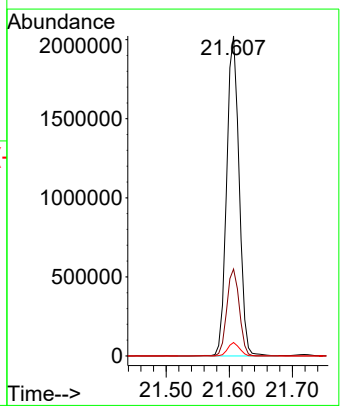
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

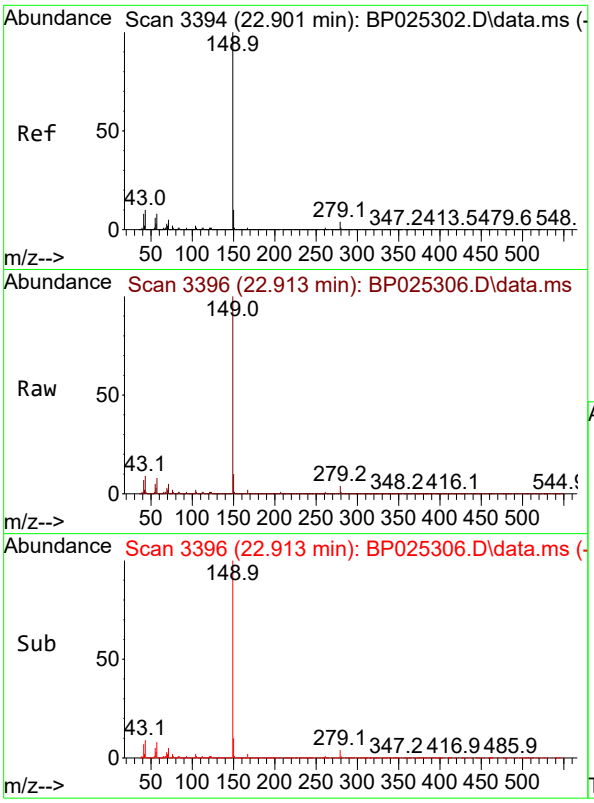


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.026 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 2765334

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.2	3.4	5.2

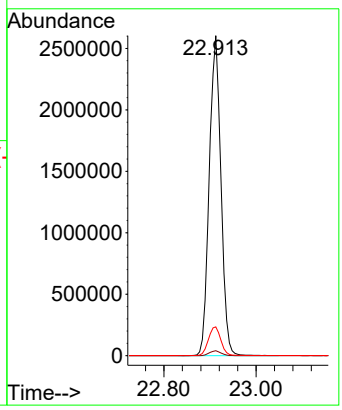




#85
Di-n-octyl phthalate
Concen: 40.723 ng
RT: 22.913 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 459446

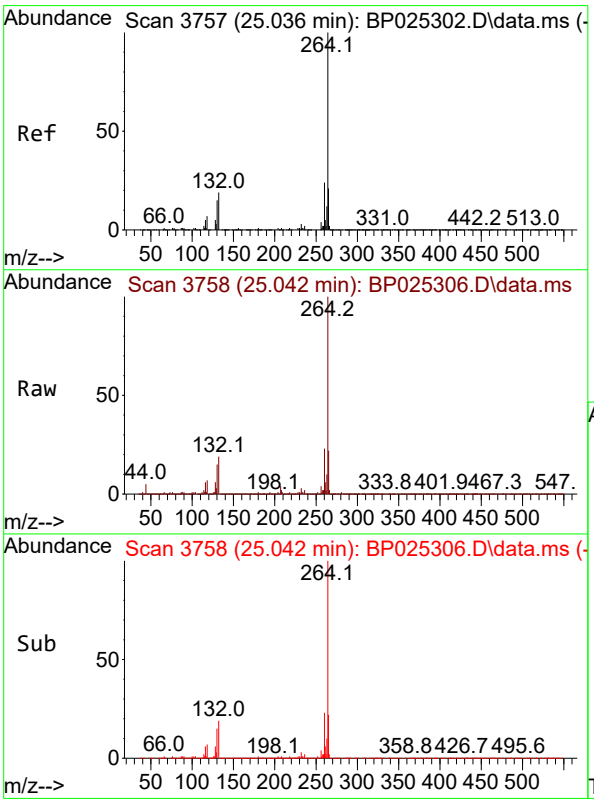
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

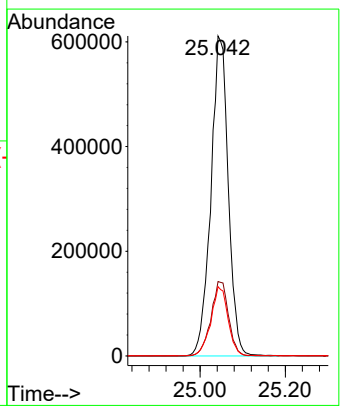
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

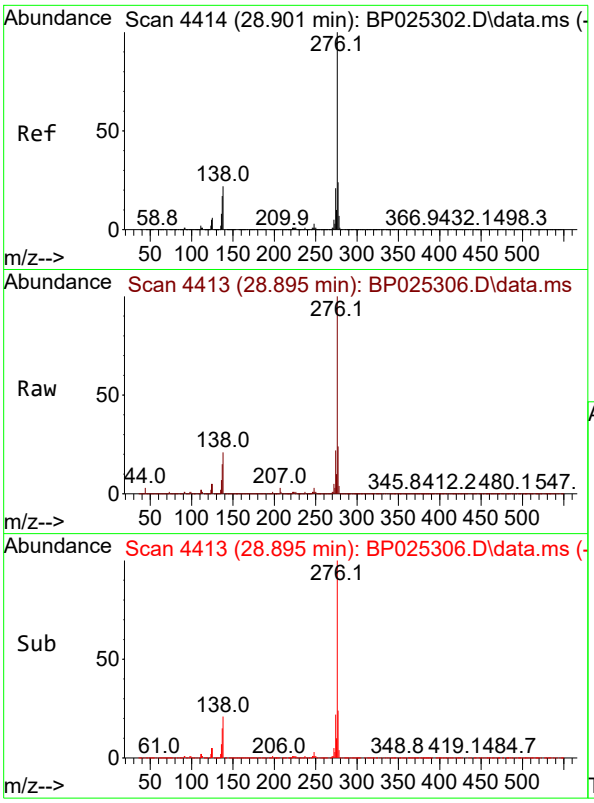


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:264 Resp: 1730065

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.1	25.7

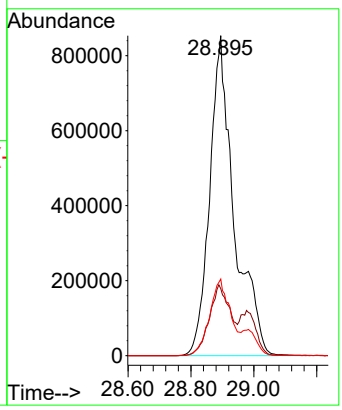




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.054 ng m
RT: 28.895 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:276 Resp: 459486

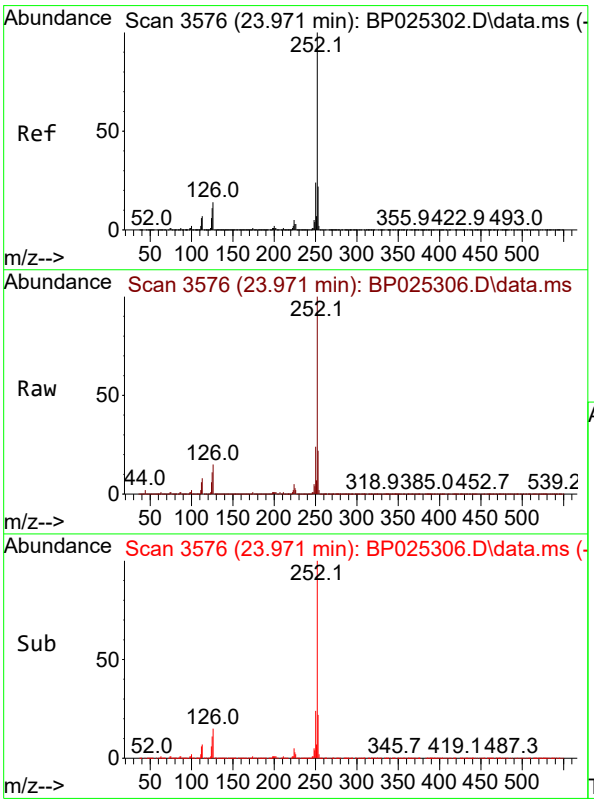
Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.6	22.0
277	20.7	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

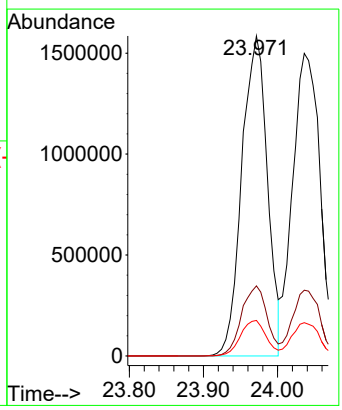
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

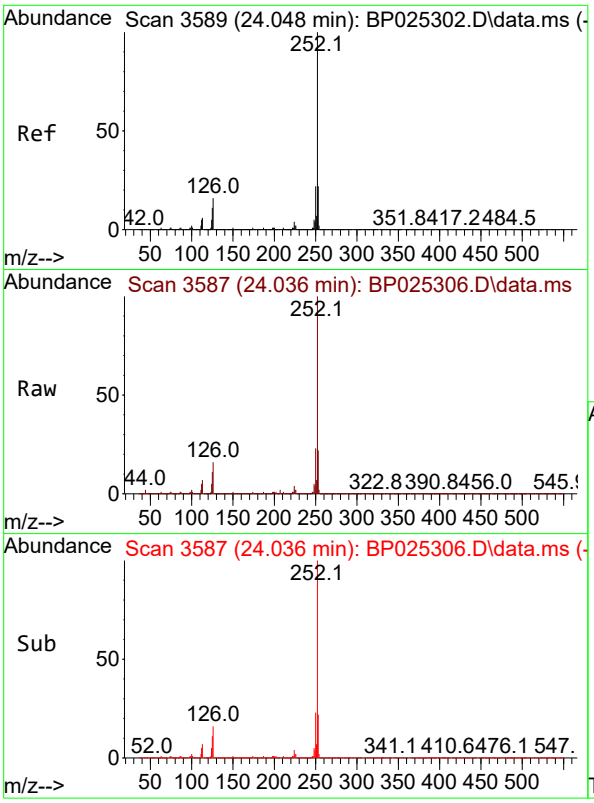


#88
Benzo(b)fluoranthene
Concen: 36.638 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 3794446

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.1	8.5	12.7

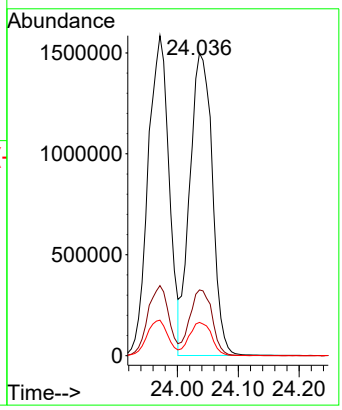




#89
Benzo(k)fluoranthene
Concen: 37.398 ng
RT: 24.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 383946

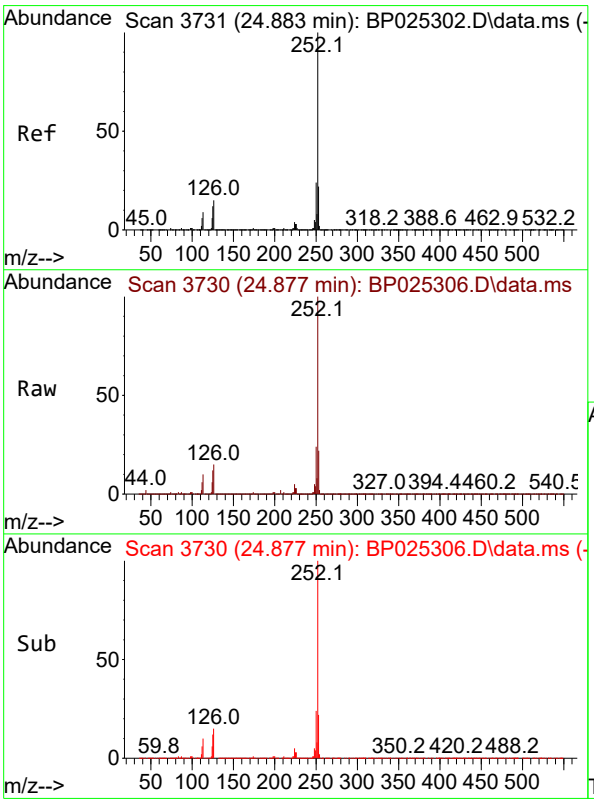
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

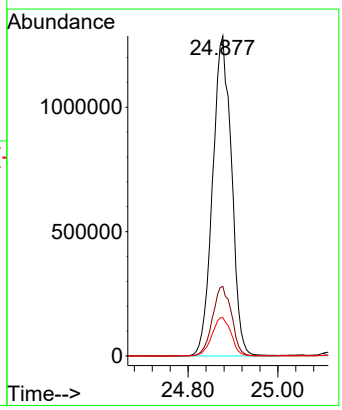
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

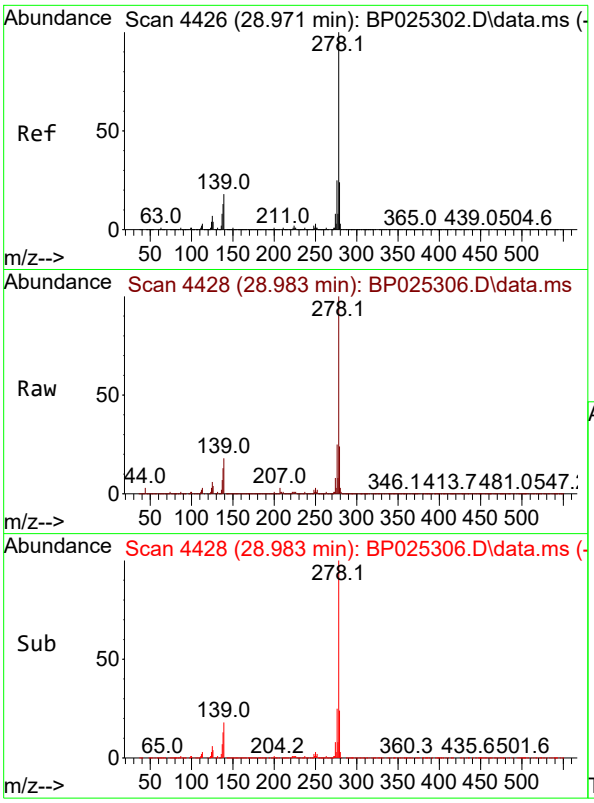


#90
Benzo(a)pyrene
Concen: 37.640 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 3753992

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.0	9.4	14.0

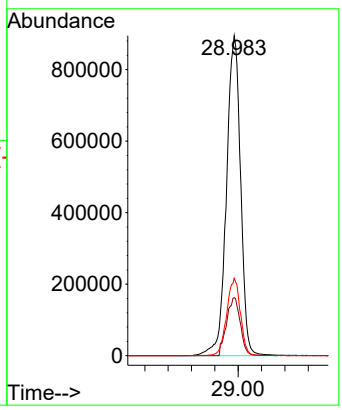




#91
Dibenzo(a,h)anthracene
Concen: 37.050 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:278 Resp: 376270

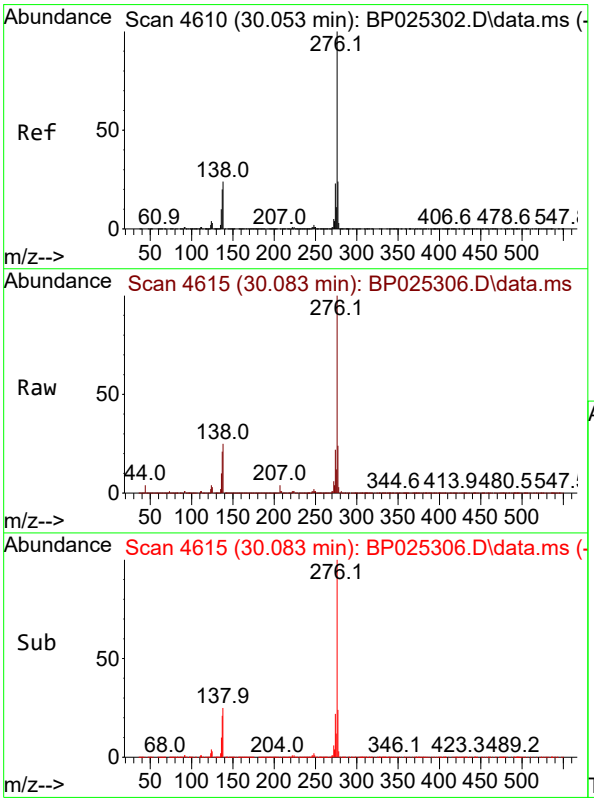
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	22.0
279	24.2	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

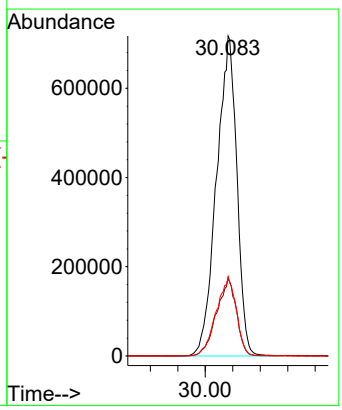
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 36.870 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:276 Resp: 3674873

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	24.8	19.1	28.7



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	136	0.00
2		1,4-Dioxane	0.491	0.402	18.1	114	0.00
3		Pyridine	1.363	1.225	10.1	125	0.00
4		n-Nitrosodimethylamine	0.633	0.573	9.5	128	0.00
5	S	2-Fluorophenol	1.244	1.072	13.8	119	0.00
6		Aniline	2.247	2.120	5.7	130	0.00
7	S	Phenol-d6	1.637	1.443	11.9	121	0.00
8		2-Chlorophenol	1.361	1.301	4.4	131	0.00
9		Benzaldehyde	1.162	0.984	15.3	96	0.00
10	C	Phenol	1.751	1.649	5.8	130	0.00
11		bis(2-Chloroethyl)ether	1.372	1.299	5.3	133	0.00
12		1,3-Dichlorobenzene	1.529	1.411	7.7	131	0.00
13	C	1,4-Dichlorobenzene	1.547	1.434	7.3	130	0.00
14		1,2-Dichlorobenzene	1.499	1.392	7.1	130	0.00
15		Benzyl Alcohol	1.269	1.212	4.5	133	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.994	8.0	129	0.00
17		2-Methylphenol	1.172	1.149	2.0	133	0.00
18		Hexachloroethane	0.553	0.522	5.6	132	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	1.050	2.3	133	0.00
20		3+4-Methylphenols	1.613	1.558	3.4	134	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	139	0.00
22		Acetophenone	0.502	0.474	5.6	133	0.00
23	S	Nitrobenzene-d5	0.361	0.325	10.0	121	0.00
24		Nitrobenzene	0.342	0.335	2.0	135	0.00
25		Isophorone	0.719	0.696	3.2	136	0.00
26	C	2-Nitrophenol	0.126	0.145	-15.1	157#	0.00
27		2,4-Dimethylphenol	0.331	0.310	6.3	133	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.416	4.8	134	0.00
29	C	2,4-Dichlorophenol	0.290	0.289	0.3	135	0.00
30		1,2,4-Trichlorobenzene	0.320	0.301	5.9	134	0.00
31		Naphthalene	1.038	0.969	6.6	132	0.00
32		Benzoic acid	0.168	0.195	-16.1	160#	0.02
33		4-Chloroaniline	0.462	0.449	2.8	136	0.00
34	C	Hexachlorobutadiene	0.184	0.174	5.4	135	0.00
35		Caprolactam	0.113	0.110	2.7	133	0.00
36	C	4-Chloro-3-methylphenol	0.336	0.334	0.6	136	0.00
37		2-Methylnaphthalene	0.672	0.633	5.8	134	0.00
38		1-Methylnaphthalene	0.701	0.674	3.9	137	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	145	0.00
40		1,2,4,5-Tetrachlorobenzene	0.546	0.502	8.1	133	0.00
41	P	Hexachlorocyclopentadiene	0.337	0.332	1.5	145	0.00
42	S	2,4,6-Tribromophenol	0.200	0.193	3.5	131	0.00
43	C	2,4,6-Trichlorophenol	0.353	0.358	-1.4	141	0.00
44		2,4,5-Trichlorophenol	0.396	0.397	-0.3	139	0.00
45	S	2-Fluorobiphenyl	1.448	1.166	19.5	117	0.00
46		1,1'-Biphenyl	1.474	1.385	6.0	139	0.00
47		2-Chloronaphthalene	1.124	1.040	7.5	136	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	0.288	0.317	-10.1	149	-0.01
49		Acenaphthylene	1.876	1.768	5.8	137	-0.01
50		Dimethylphthalate	1.458	1.377	5.6	139	0.00
51		2,6-Dinitrotoluene	0.269	0.289	-7.4	146	0.00
52	C	Acenaphthene	1.144	1.084	5.2	141	0.00
53		3-Nitroaniline	0.315	0.338	-7.3	147	0.00
54	P	2,4-Dinitrophenol	0.105	0.120	-14.3	183#	0.00
55		Dibenzofuran	1.710	1.597	6.6	138	-0.01
56	P	4-Nitrophenol	0.278	0.286	-2.9	146	0.00
57		2,4-Dinitrotoluene	0.359	0.404	-12.5	150#	-0.01
58		Fluorene	1.343	1.228	8.6	135	-0.01
59		2,3,4,6-Tetrachlorophenol	0.331	0.335	-1.2	141	-0.01
60		Diethylphthalate	1.470	1.401	4.7	141	0.00
61		4-Chlorophenyl-phenylether	0.637	0.583	8.5	134	0.00
62		4-Nitroaniline	0.312	0.325	-4.2	139	0.00
63		Azobenzene	1.366	1.293	5.3	139	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	146	-0.01
65		4,6-Dinitro-2-methylphenol	0.080	0.091	-13.7	178#	-0.01
66	c	n-Nitrosodiphenylamine	0.609	0.570	6.4	138	0.00
67		4-Bromophenyl-phenylether	0.201	0.191	5.0	140	0.00
68		Hexachlorobenzene	0.226	0.211	6.6	141	0.00
69		Atrazine	0.214	0.206	3.7	142	0.00
70	C	Pentachlorophenol	0.144	0.146	-1.4	149	-0.01
71		Phenanthrene	1.095	1.002	8.5	137	0.00
72		Anthracene	1.105	1.051	4.9	140	0.00
73		Carbazole	1.060	0.978	7.7	136	0.00
74		Di-n-butylphthalate	1.283	1.271	0.9	144	0.00
75	C	Fluoranthene	1.268	1.170	7.7	137	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	142	0.00
77		Benzidine	0.724	0.761	-5.1	112	0.00
78		Pyrene	1.330	1.231	7.4	136	0.00
79	S	Terphenyl-d14	1.059	0.839	20.8	114	0.00
80		Butylbenzylphthalate	0.539	0.567	-5.2	143	0.00
81		Benzo(a)anthracene	1.329	1.222	8.1	134	0.00
82		3,3'-Dichlorobenzidine	0.469	0.457	2.6	138	0.01
83		Chrysene	1.233	1.131	8.3	132	0.02
84		Bis(2-ethylhexyl)phthalate	0.861	0.883	-2.6	141	0.00
85	c	Di-n-octyl phthalate	1.442	1.468	-1.8	139	0.01
86	I	Perylene-d12	1.000	1.000	0.0	137	0.00
87		Indeno(1,2,3-cd)pyrene	1.434	1.328	7.4	126	0.00
88		Benzo(b)fluoranthene	1.197	1.097	8.4	127	0.00
89		Benzo(k)fluoranthene	1.187	1.110	6.5	130	-0.01
90	C	Benzo(a)pyrene	1.153	1.085	5.9	129	0.00
91		Dibenzo(a,h)anthracene	1.174	1.087	7.4	126	0.01
92		Benzo(g,h,i)perylene	1.152	1.062	7.8	126	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	136	0.00
2		1,4-Dioxane	40.000	32.761	18.1	114	0.00
3		Pyridine	40.000	35.938	10.2	125	0.00
4		n-Nitrosodimethylamine	40.000	36.198	9.5	128	0.00
5	S	2-Fluorophenol	80.000	68.960	13.8	119	0.00
6		Aniline	40.000	37.746	5.6	130	0.00
7	S	Phenol-d6	80.000	70.557	11.8	121	0.00
8		2-Chlorophenol	40.000	38.218	4.5	131	0.00
9		Benzaldehyde	40.000	33.857	15.4	96	0.00
10	C	Phenol	40.000	37.664	5.8	130	0.00
11		bis(2-Chloroethyl)ether	40.000	37.860	5.4	133	0.00
12		1,3-Dichlorobenzene	40.000	36.894	7.8	131	0.00
13	C	1,4-Dichlorobenzene	40.000	37.069	7.3	130	0.00
14		1,2-Dichlorobenzene	40.000	37.139	7.2	130	0.00
15		Benzyl Alcohol	40.000	38.230	4.4	133	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.800	8.0	129	0.00
17		2-Methylphenol	40.000	39.242	1.9	133	0.00
18		Hexachloroethane	40.000	37.712	5.7	132	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.071	2.3	133	0.00
20		3+4-Methylphenols	40.000	38.632	3.4	134	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	139	0.00
22		Acetophenone	40.000	37.755	5.6	133	0.00
23	S	Nitrobenzene-d5	80.000	71.916	10.1	121	0.00
24		Nitrobenzene	40.000	39.201	2.0	135	0.00
25		Isophorone	40.000	38.747	3.1	136	0.00
26	C	2-Nitrophenol	40.000	39.528	1.2	157	0.00
27		2,4-Dimethylphenol	40.000	37.381	6.5	133	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.088	4.8	134	0.00
29	C	2,4-Dichlorophenol	40.000	39.853	0.4	135	0.00
30		1,2,4-Trichlorobenzene	40.000	37.651	5.9	134	0.00
31		Naphthalene	40.000	37.348	6.6	132	0.00
32		Benzoic acid	40.000	43.119	-7.8	160	0.02
33		4-Chloroaniline	40.000	38.908	2.7	136	0.00
34	C	Hexachlorobutadiene	40.000	37.983	5.0	135	0.00
35		Caprolactam	40.000	39.093	2.3	133	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.847	0.4	136	0.00
37		2-Methylnaphthalene	40.000	37.660	5.9	134	0.00
38		1-Methylnaphthalene	40.000	38.438	3.9	137	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	145	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.772	8.1	133	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.389	1.5	145	0.00
42	S	2,4,6-Tribromophenol	80.000	77.267	3.4	131	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	141	0.00
44		2,4,5-Trichlorophenol	40.000	40.117	-0.3	139	0.00
45	S	2-Fluorobiphenyl	80.000	64.394	19.5	117	0.00
46		1,1'-Biphenyl	40.000	37.601	6.0	139	0.00
47		2-Chloronaphthalene	40.000	36.992	7.5	136	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	39.111	2.2	149	-0.01
49		Acenaphthylene	40.000	37.711	5.7	137	-0.01
50		Dimethylphthalate	40.000	37.765	5.6	139	0.00
51		2,6-Dinitrotoluene	40.000	42.979	-7.4	146	0.00
52	C	Acenaphthene	40.000	37.908	5.2	141	0.00
53		3-Nitroaniline	40.000	42.925	-7.3	147	0.00
54	P	2,4-Dinitrophenol	40.000	44.579	-11.4	183	0.00
55		Dibenzofuran	40.000	37.357	6.6	138	-0.01
56	P	4-Nitrophenol	40.000	41.198	-3.0	146	0.00
57		2,4-Dinitrotoluene	40.000	39.363	1.6	150	-0.01
58		Fluorene	40.000	36.584	8.5	135	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	40.516	-1.3	141	-0.01
60		Diethylphthalate	40.000	38.127	4.7	141	0.00
61		4-Chlorophenyl-phenylether	40.000	36.635	8.4	134	0.00
62		4-Nitroaniline	40.000	41.652	-4.1	139	0.00
63		Azobenzene	40.000	37.866	5.3	139	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	146	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	43.059	-7.6	178	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.466	6.3	138	0.00
67		4-Bromophenyl-phenylether	40.000	37.882	5.3	140	0.00
68		Hexachlorobenzene	40.000	37.437	6.4	141	0.00
69		Atrazine	40.000	38.434	3.9	142	0.00
70	C	Pentachlorophenol	40.000	40.655	-1.6	149	-0.01
71		Phenanthrene	40.000	36.596	8.5	137	0.00
72		Anthracene	40.000	38.053	4.9	140	0.00
73		Carbazole	40.000	36.915	7.7	136	0.00
74		Di-n-butylphthalate	40.000	39.636	0.9	144	0.00
75	C	Fluoranthene	40.000	36.904	7.7	137	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	142	0.00
77		Benzidine	40.000	42.024	-5.1	112	0.00
78		Pyrene	40.000	37.027	7.4	136	0.00
79	S	Terphenyl-d14	80.000	63.367	20.8	114	0.00
80		Butylbenzylphthalate	40.000	42.064	-5.2	143	0.00
81		Benzo(a)anthracene	40.000	36.791	8.0	134	0.00
82		3,3'-Dichlorobenzidine	40.000	38.998	2.5	138	0.01
83		Chrysene	40.000	36.707	8.2	132	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	41.026	-2.6	141	0.00
85	c	Di-n-octyl phthalate	40.000	40.723	-1.8	139	0.01
86	I	Perylene-d12	20.000	20.000	0.0	137	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.054	7.4	126	0.00
88		Benzo(b)fluoranthene	40.000	36.638	8.4	127	0.00
89		Benzo(k)fluoranthene	40.000	37.398	6.5	130	-0.01
90	C	Benzo(a)pyrene	40.000	37.640	5.9	129	0.00
91		Dibenzo(a,h)anthracene	40.000	37.050	7.4	126	0.01
92		Benzo(g,h,i)perylene	40.000	36.870	7.8	126	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/08/2025 10:15

Lab File ID: BP025326.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.183		-4.9	
Phenol-d6	1.637	1.479		-9.7	
Nitrobenzene-d5	0.361	0.373		3.3	
Naphthalene	1.038	0.990		-4.6	
2-Fluorobiphenyl	1.448	1.428		-1.4	
Fluorene	1.343	1.253		-6.7	
2,4,6-Tribromophenol	0.200	0.213		6.5	
Phenanthrene	1.095	1.069		-2.4	
Anthracene	1.105	1.075		-2.7	
Pyrene	1.330	1.312		-1.4	
Terphenyl-d14	1.059	1.055		-0.4	
Benzo(a)anthracene	1.329	1.294		-2.6	
Chrysene	1.233	1.206		-2.2	
Benzo(b)fluoranthene	1.197	1.131		-5.5	
Benzo(a)pyrene	1.153	1.118		-3.0	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.418		-1.1	
Benzo(g,h,i)perylene	1.152	1.128		-2.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
08/11/2025
Supervised By :Jagrut Upadhyay
08/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	240709	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	976682	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	575605	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	1048506	20.000	ng		0.00
76) Chrysene-d12	21.666	240	989888	20.000	ng		0.00
86) Perylene-d12	25.059	264	1196041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1139134	76.114	ng		0.00
7) Phenol-d6	6.960	99	1423958	72.295	ng		0.00
23) Nitrobenzene-d5	8.943	82	1455838	82.581	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	491175	85.536	ng		0.01
45) 2-Fluorobiphenyl	13.031	172	3287807	78.893	ng		0.00
79) Terphenyl-d14	19.936	244	4177606	79.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	222915	37.744	ng		97
3) Pyridine	3.725	79	586352	35.734	ng		97
4) n-Nitrosodimethylamine	3.631	42	260317	34.172	ng		97
6) Aniline	7.131	93	967841	35.795	ng		98
8) 2-Chlorophenol	7.366	128	633395	38.664	ng		98
9) Benzaldehyde	6.943	77	668759	47.805	ng		97
10) Phenol	6.990	94	747065	35.449	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	607130	36.768	ng		98
12) 1,3-Dichlorobenzene	7.690	146	706677	38.391	ng		99
13) 1,4-Dichlorobenzene	7.831	146	717825	38.546	ng		99
14) 1,2-Dichlorobenzene	8.149	146	684747	37.957	ng		99
15) Benzyl Alcohol	8.025	79	543783	35.616	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	878026	33.660	ng		98
17) 2-Methylphenol	8.225	107	513129	36.388	ng		99
18) Hexachloroethane	8.872	117	263322	39.538	ng		97
19) n-Nitroso-di-n-propyla...	8.596	70	452293	34.950	ng		97
20) 3+4-Methylphenols	8.549	107	690868	35.579	ng		98
22) Acetophenone	8.607	105	909064	37.077	ng	#	97
24) Nitrobenzene	8.978	77	652814	39.118	ng		97
25) Isophorone	9.501	82	1272966	36.275	ng		100
26) 2-Nitrophenol	9.684	139	311077	43.187	ng		98
27) 2,4-Dimethylphenol	9.743	122	591009	36.530	ng		96
28) bis(2-Chloroethoxy)met...	9.984	93	809318	37.912	ng		100
29) 2,4-Dichlorophenol	10.219	162	567733	40.082	ng		97
30) 1,2,4-Trichlorobenzene	10.437	180	625060	39.999	ng		100
31) Naphthalene	10.619	128	1934670	38.158	ng		100
32) Benzoic acid	9.854	122	376644	42.801	ng		100
33) 4-Chloroaniline	10.719	127	839289	37.219	ng		98
34) Hexachlorobutadiene	10.913	225	374078	41.702	ng		98
35) Caprolactam	11.478	113	182502	33.213	ng		96
36) 4-Chloro-3-methylphenol	11.837	107	597779	36.473	ng		96
37) 2-Methylnaphthalene	12.231	142	1200862	36.592	ng		99
38) 1-Methylnaphthalene	12.448	142	1258723	36.759	ng		99
40) 1,2,4,5-Tetrachloroben...	12.595	216	640167	40.736	ng		99
41) Hexachlorocyclopentadiene	12.584	237	447894	46.179	ng		98
43) 2,4,6-Trichlorophenol	12.842	196	435004	42.850	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
08/11/2025
Supervised By :Jagrut Upadhyay
08/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	463206	40.675	ng		99
46) 1,1'-Biphenyl	13.248	154	1681680	39.644	ng		100
47) 2-Chloronaphthalene	13.284	162	1269125	39.216	ng		99
48) 2-Nitroaniline	13.478	65	351935	37.795	ng		93
49) Acenaphthylene	14.137	152	2093588	38.783	ng		99
50) Dimethylphthalate	13.872	163	1561021	37.202	ng		99
51) 2,6-Dinitrotoluene	13.978	165	321759	41.572	ng		91
52) Acenaphthene	14.489	154	1274700	38.713	ng		99
53) 3-Nitroaniline	14.307	138	370794	40.941	ng		96
54) 2,4-Dinitrophenol	14.525	184	141775	45.329	ng	#	46
55) Dibenzofuran	14.831	168	1876057	38.127	ng		99
56) 4-Nitrophenol	14.619	139	302516	37.847	ng		96
57) 2,4-Dinitrotoluene	14.784	165	439835	37.428	ng		97
58) Fluorene	15.489	166	1442226	37.318	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	383749	40.341	ng		98
60) Diethylphthalate	15.266	149	1525689	36.065	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	704373	38.445	ng		100
62) 4-Nitroaniline	15.489	138	361326	40.264	ng		95
63) Azobenzene	15.784	77	1427610	36.326	ng		99
65) 4,6-Dinitro-2-methylph...	15.560	198	207397	45.566	ng		98
66) n-Nitrosodiphenylamine	15.701	169	1260046	39.469	ng		100
67) 4-Bromophenyl-phenylether	16.401	248	435742	41.303	ng		96
68) Hexachlorobenzene	16.519	284	483113	40.812	ng		97
69) Atrazine	16.678	200	448699	39.965	ng		99
70) Pentachlorophenol	16.872	266	323077	42.838	ng		100
71) Phenanthrene	17.272	178	2241309	39.028	ng		100
72) Anthracene	17.360	178	2253461	38.917	ng		100
73) Carbazole	17.636	167	2132429	38.364	ng		100
74) Di-n-butylphthalate	18.242	149	2726922	40.553	ng		99
75) Fluoranthene	19.354	202	2566801	38.610	ng		99
77) Benzidine	19.536	184	2224681	62.093	ng		100
78) Pyrene	19.724	202	2597289	39.457	ng		100
80) Butylbenzylphthalate	20.671	149	1249709	46.812	ng		99
81) Benzo(a)anthracene	21.648	228	2561922	38.946	ng		100
82) 3,3'-Dichlorobenzidine	21.554	252	1005276	43.314	ng		98
83) Chrysene	21.713	228	2387480	39.131	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	1891251	44.366	ng		100
85) Di-n-octyl phthalate	22.901	149	3396499	47.602	ng		98
87) Indeno(1,2,3-cd)pyrene	28.900	276	3393119m	39.580	ng		
88) Benzo(b)fluoranthene	23.971	252	2704358	37.772	ng		100
89) Benzo(k)fluoranthene	24.048	252	2648921	37.321	ng		99
90) Benzo(a)pyrene	24.895	252	2674274	38.786	ng		100
91) Dibenzo(a,h)anthracene	28.995	278	2769517	39.446	ng		99
92) Benzo(g,h,i)perylene	30.089	276	2697139	39.142	ng		99

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

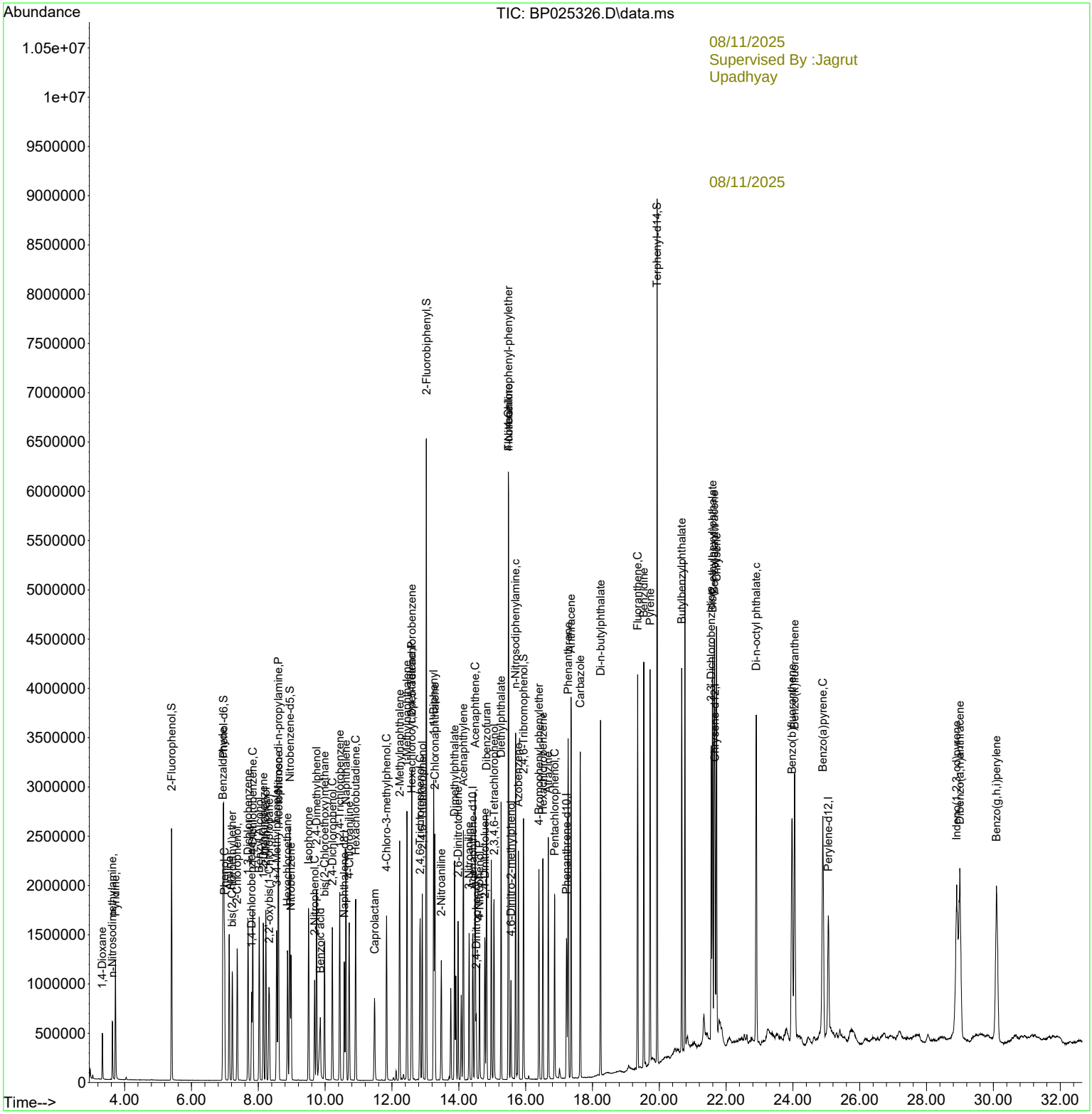
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Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

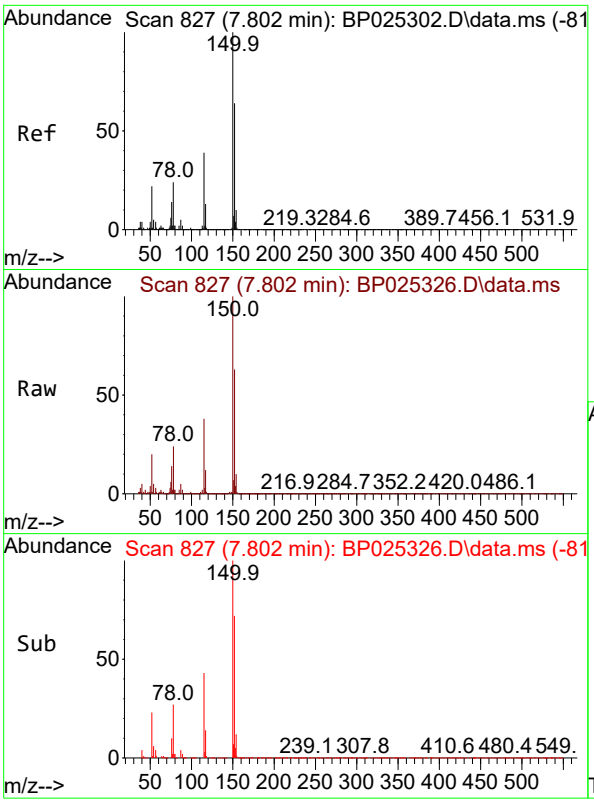
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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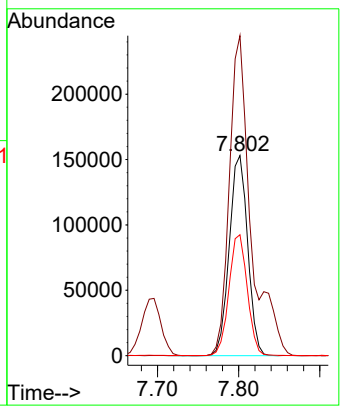




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:152 Resp: 24070

Ion	Ratio	Lower	Upper
152	100		
150	159.9	125.1	187.7
115	60.4	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

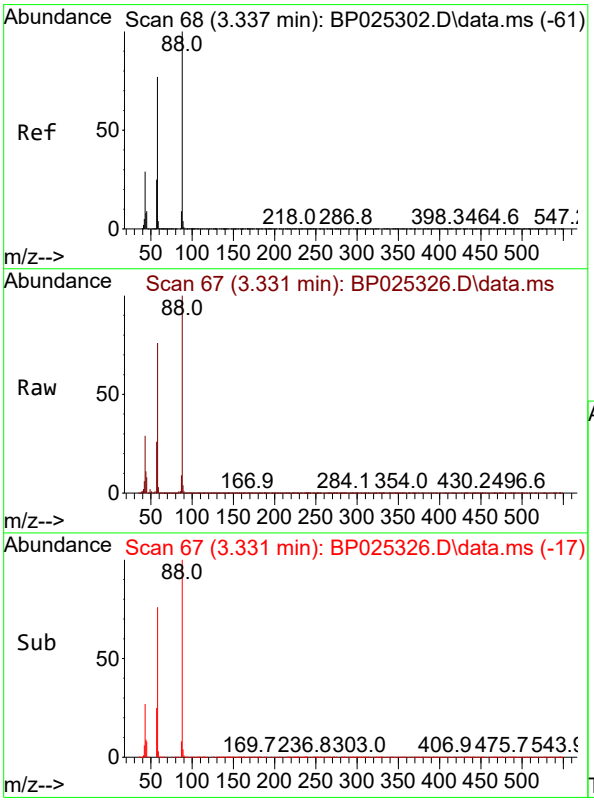
Manual Integrations APPROVED

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08/11/2025

Supervised By :Jagrut Upadhyay

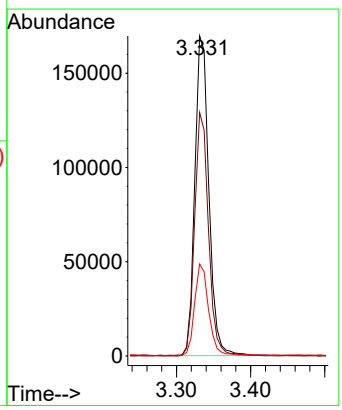
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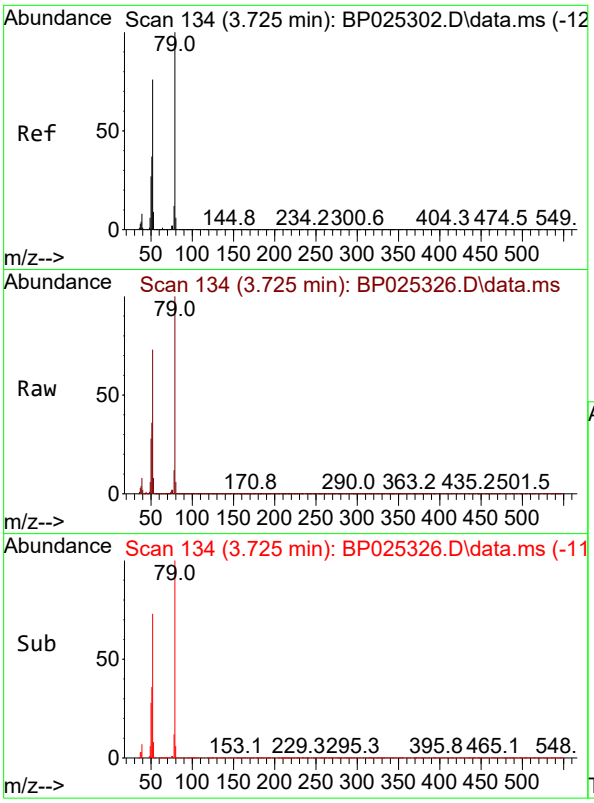


#2
1,4-Dioxane
Concen: 37.744 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 88 Resp: 222915

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.9	92.9
43	28.3	24.2	36.2

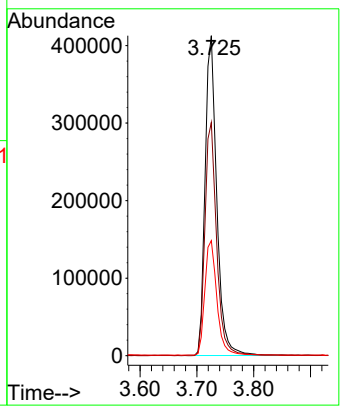




#3
Pyridine
Concen: 35.734 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 79 Resp: 58635

Ion	Ratio	Lower	Upper
79	100		
52	72.8	60.5	90.7
51	36.0	30.2	45.2



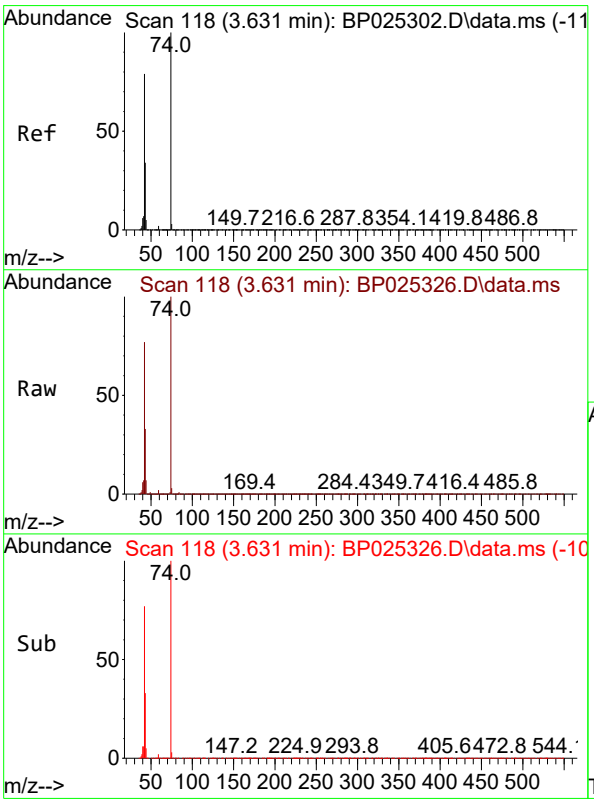
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025
Supervised By :Jagrut Upadhyay

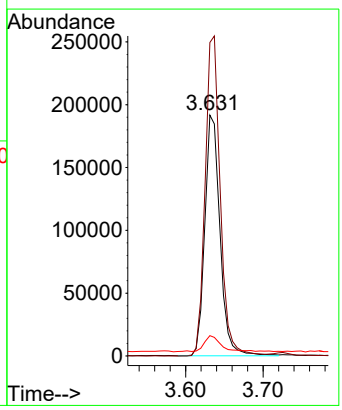
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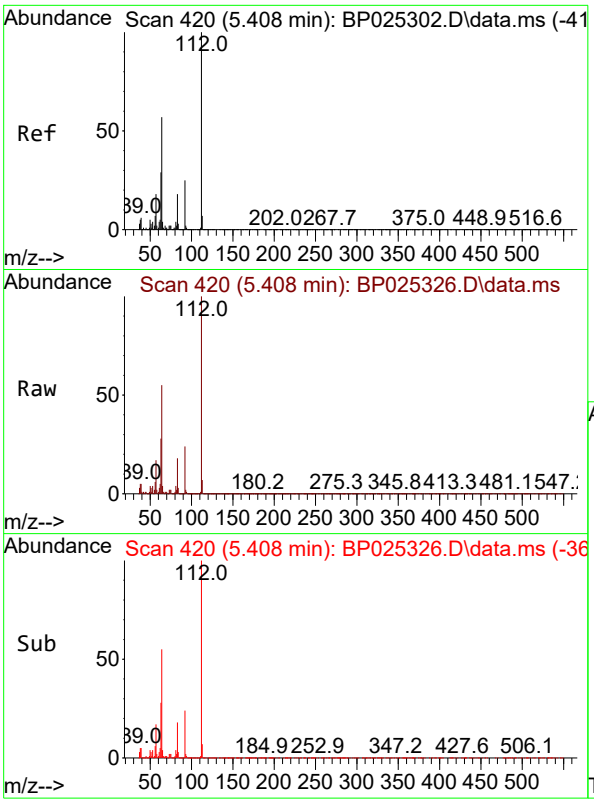


#4
n-Nitrosodimethylamine
Concen: 34.172 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 42 Resp: 260317

Ion	Ratio	Lower	Upper
42	100		
74	130.2	101.4	152.2
44	8.5	7.6	11.4

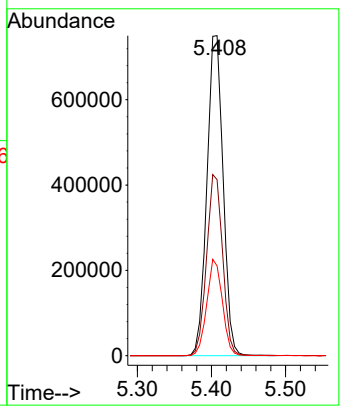




#5
2-Fluorophenol
Concen: 76.114 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:112 Resp: 113913

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.3	67.9
63	28.1	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

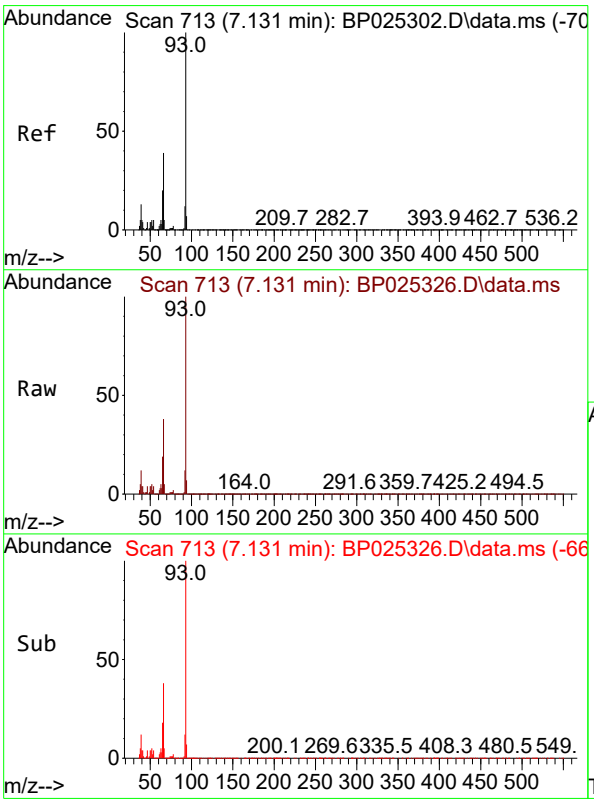
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Supervised By :Jagrut Upadhyay

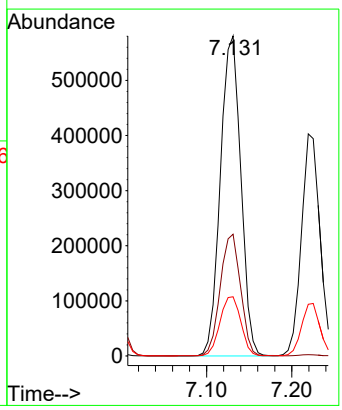
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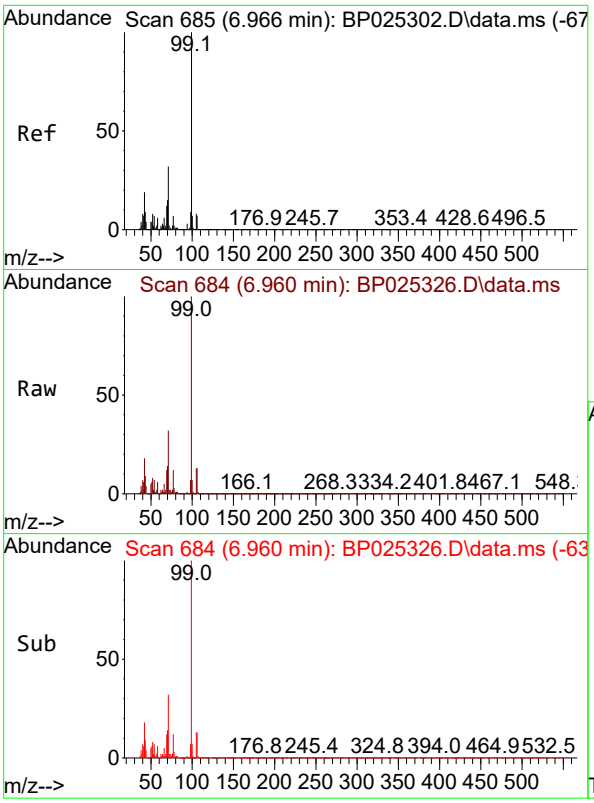


#6
Aniline
Concen: 35.795 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 93 Resp: 967841

Ion	Ratio	Lower	Upper
93	100		
66	38.0	31.1	46.7
65	18.5	15.8	23.8

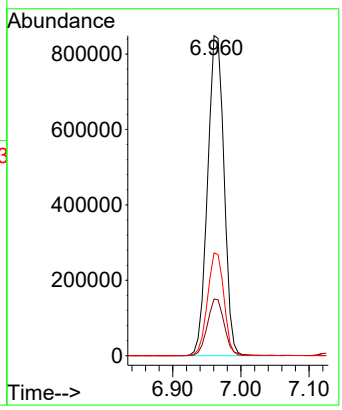




#7
Phenol-d6
Concen: 72.295 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 99 Resp: 142395

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.6
71	32.1	25.5	38.3



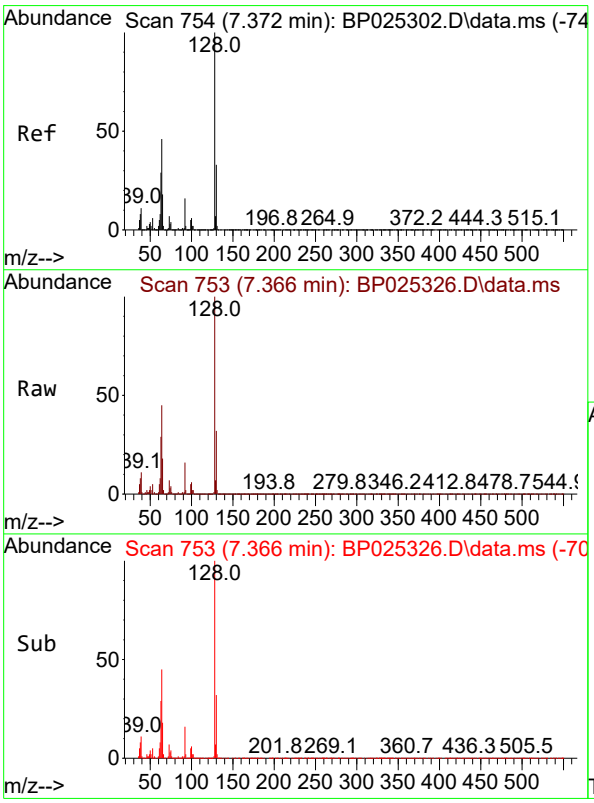
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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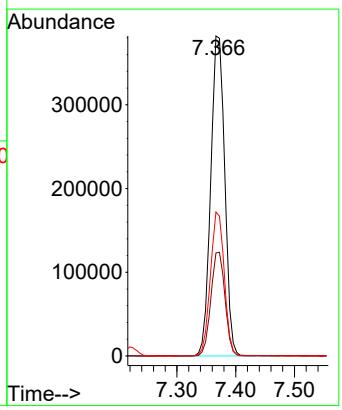
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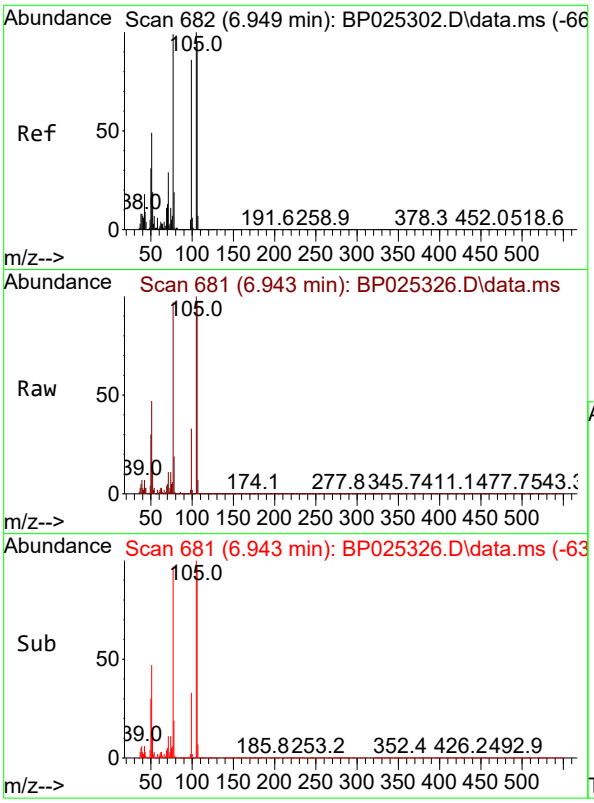


#8
2-Chlorophenol
Concen: 38.664 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:128 Resp: 633395

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.1	53.1
64	45.0	26.1	66.1

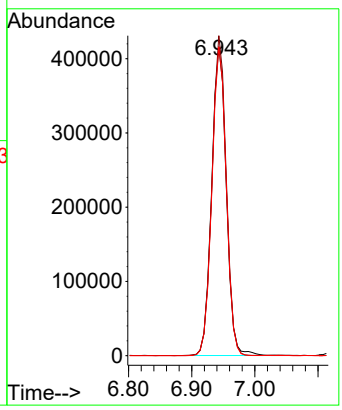




#9
Benzaldehyde
Concen: 47.805 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 77 Resp: 66875

Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.4	121.4
106	100.0	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

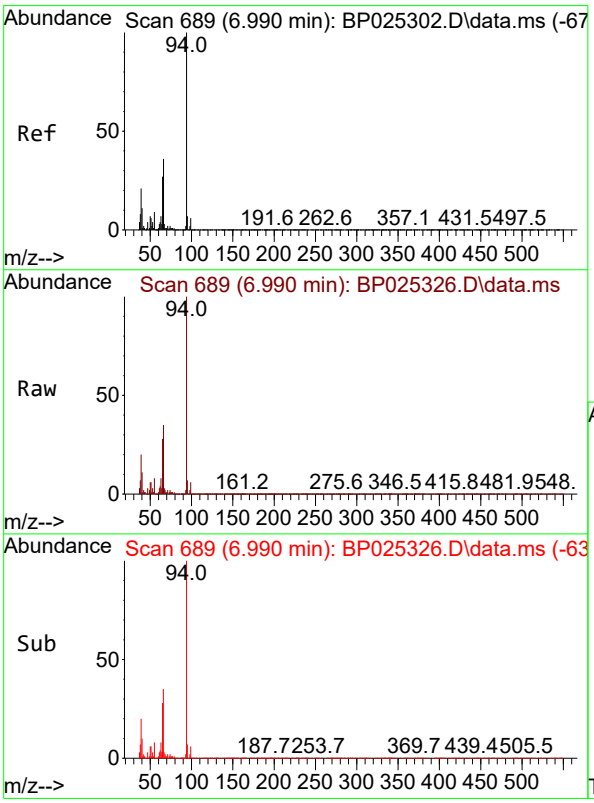
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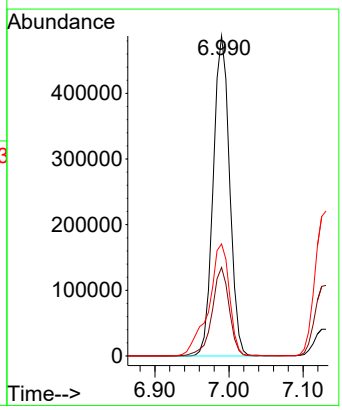
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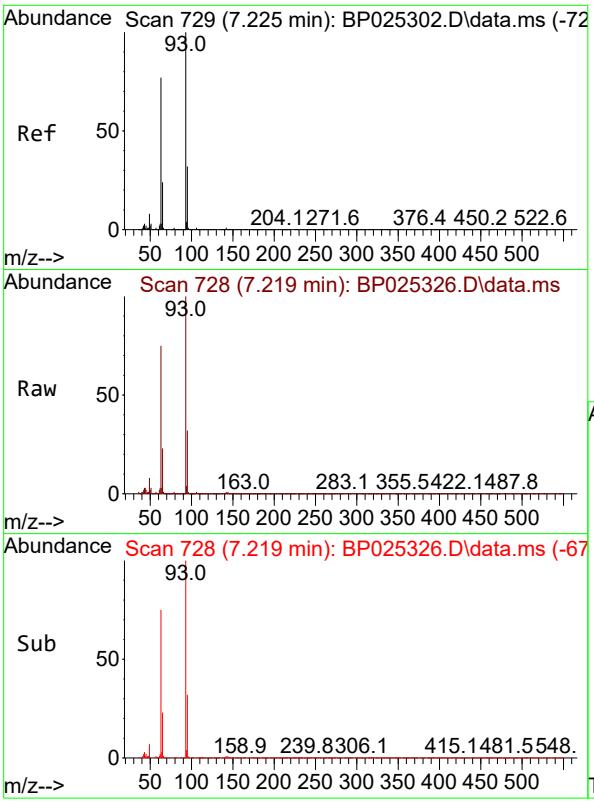


#10
Phenol
Concen: 35.449 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 94 Resp: 747065

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.3	47.3
66	35.0	15.7	55.7

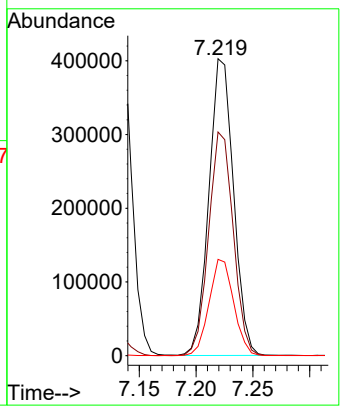




#11
bis(2-Chloroethyl)ether
Concen: 36.768 ng
RT: 7.219 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 93 Resp: 60713

Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.0	97.0
95	32.4	12.1	52.1



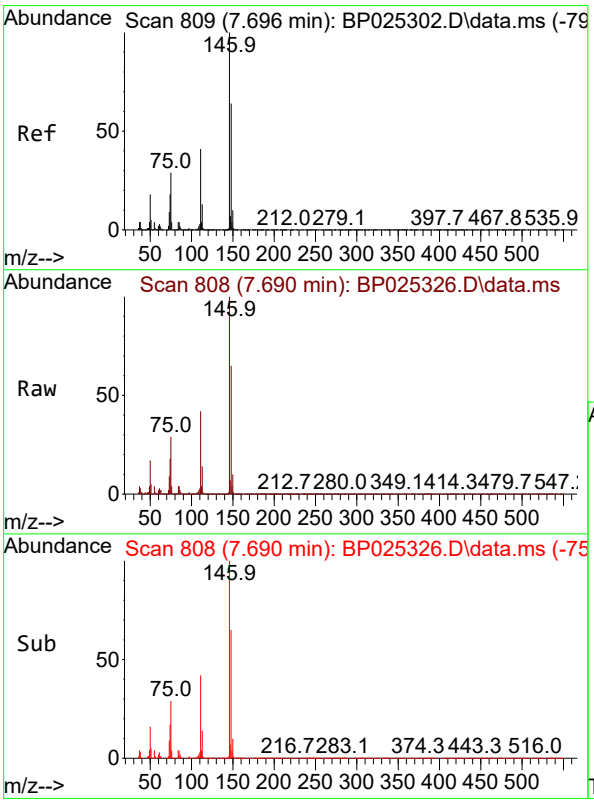
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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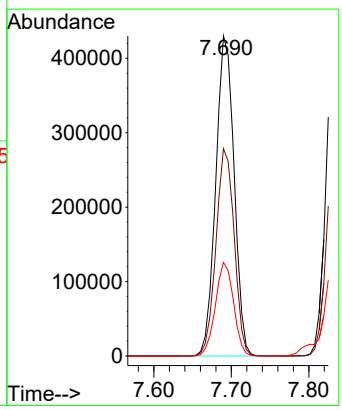
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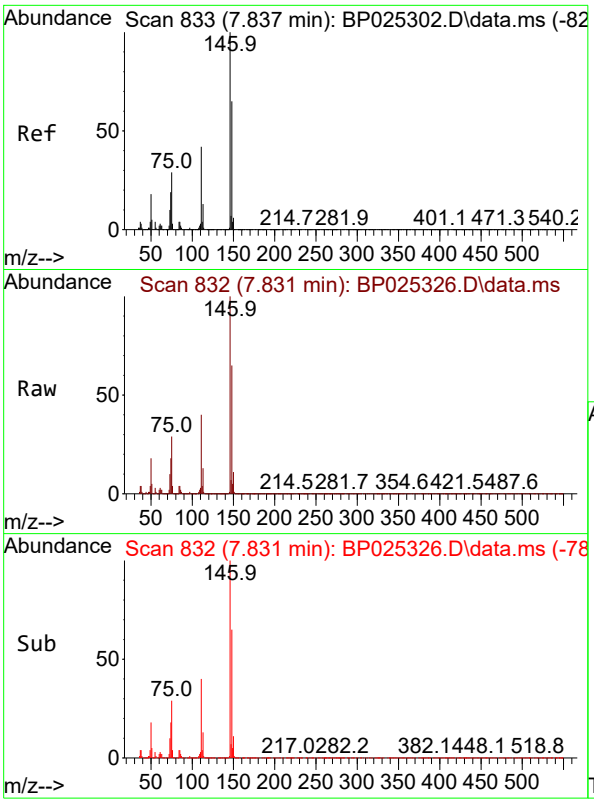


#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:146 Resp: 706677

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
75	29.3	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 38.546 ng
RT: 7.831 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:146 Resp: 71782

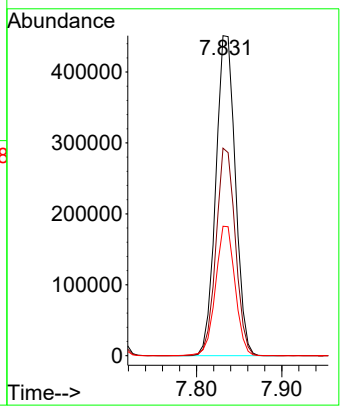
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.0	78.0
111	40.5	33.2	49.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

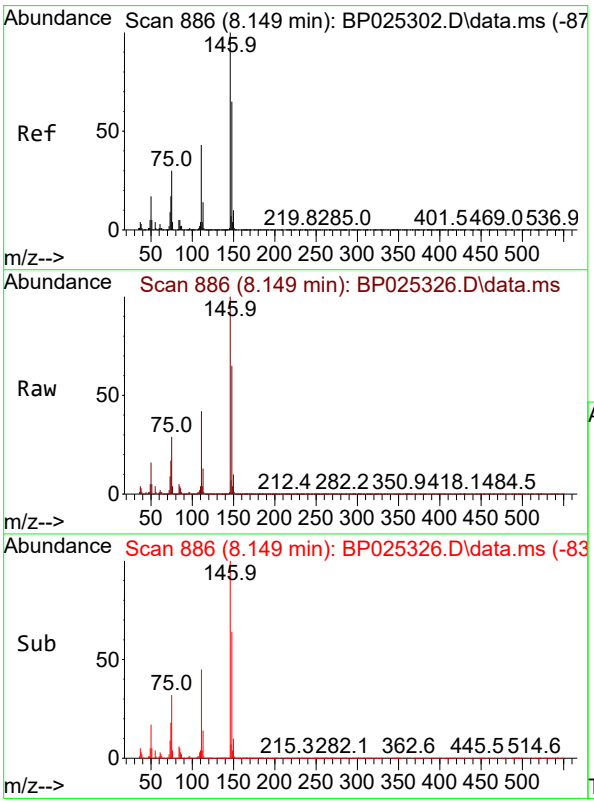
Reviewed By :Rahul Chavli

08/11/2025



Supervised By :Jagrut Upadhyay

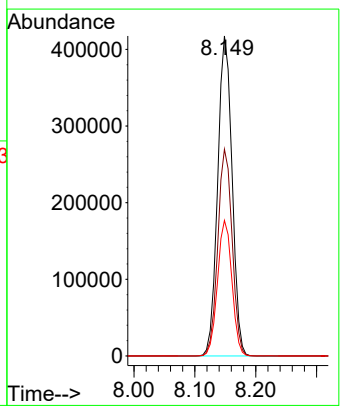
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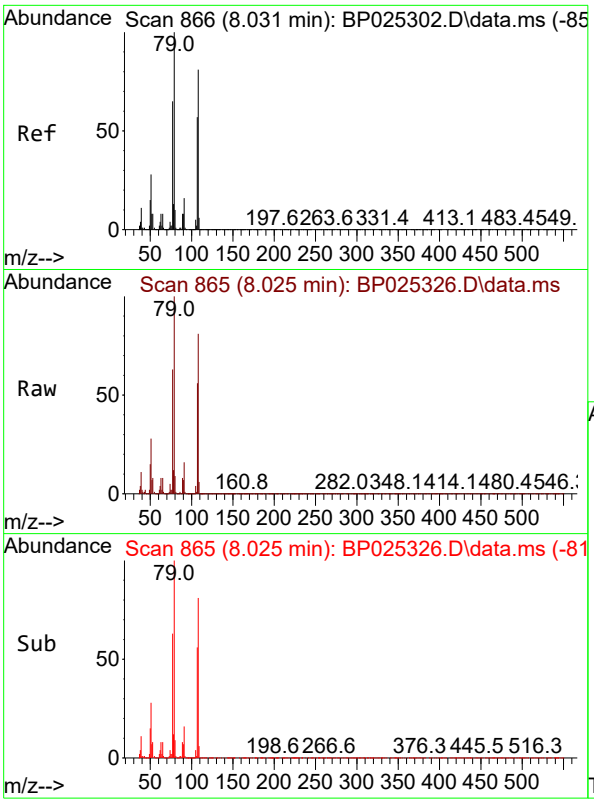


#14
1,2-Dichlorobenzene
Concen: 37.957 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:146 Resp: 684747

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	42.3	34.4	51.6

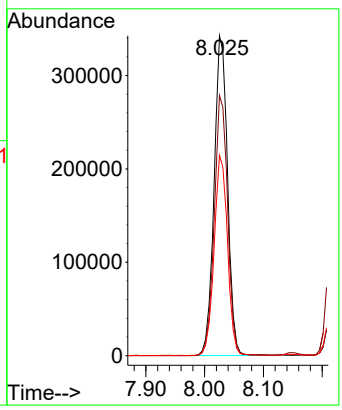




#15
Benzyl Alcohol
Concen: 35.616 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 79 Resp: 54378

Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.5	96.7
77	62.6	51.9	77.9



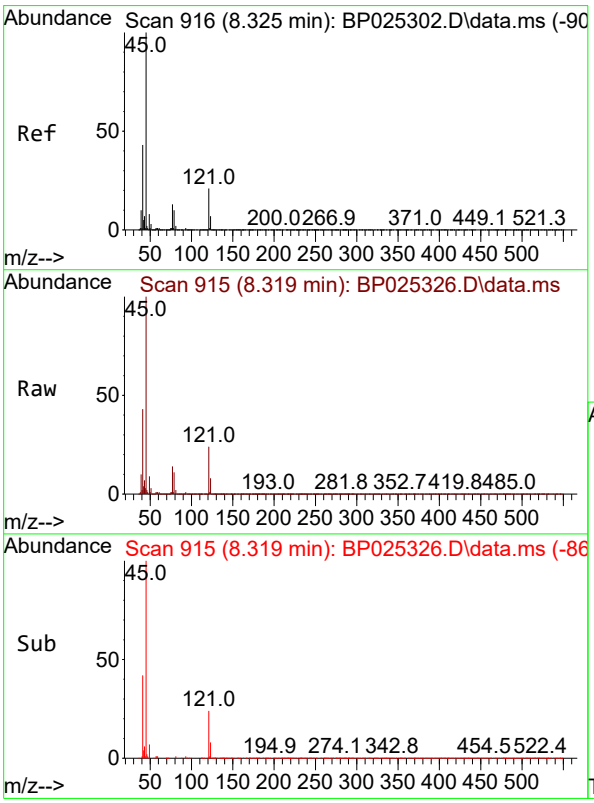
Instrument :
BNA_P
ClientSampleId :
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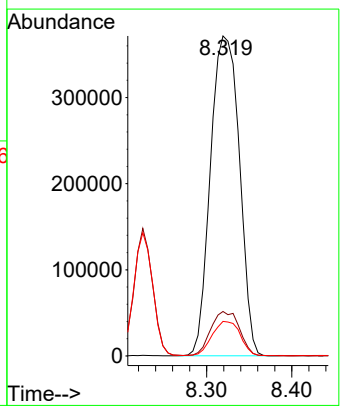
08/11/2025

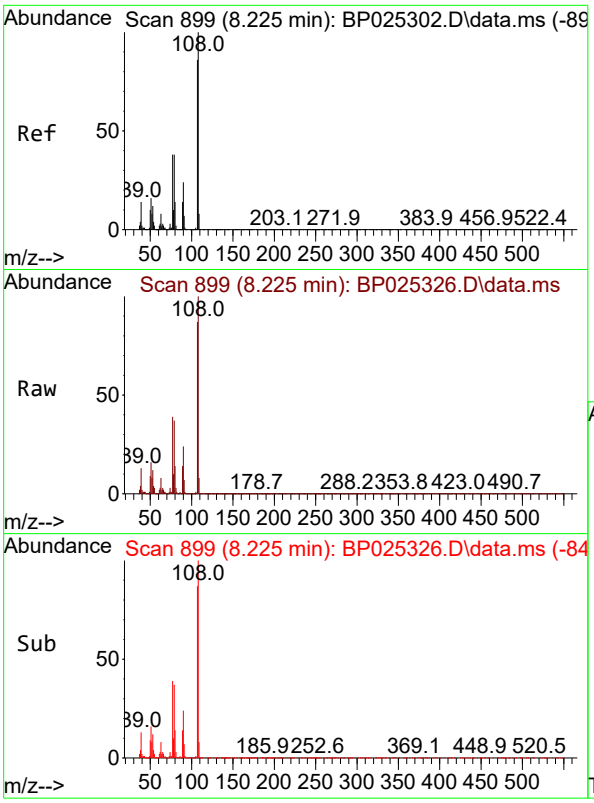


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.660 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 45 Resp: 878026

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.0
79	10.8	0.0	29.8

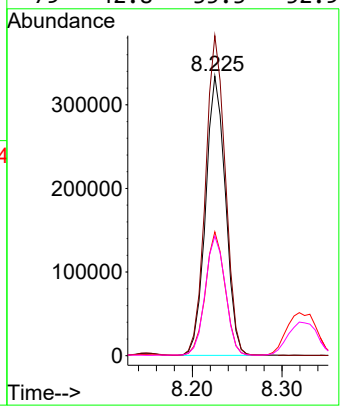




#17
2-Methylphenol
Concen: 36.388 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:107 Resp: 51312

Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	139.0
77	44.3	35.4	53.2
79	42.8	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

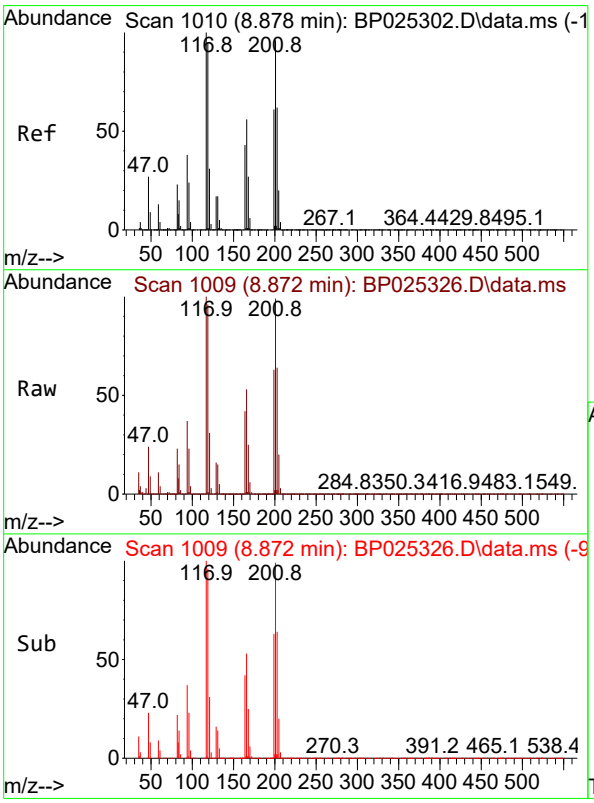
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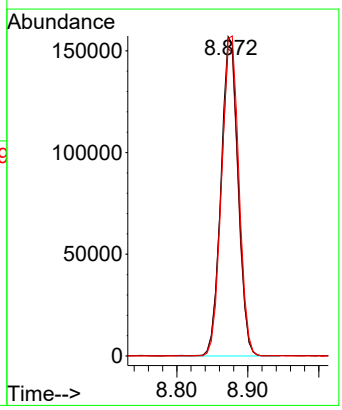
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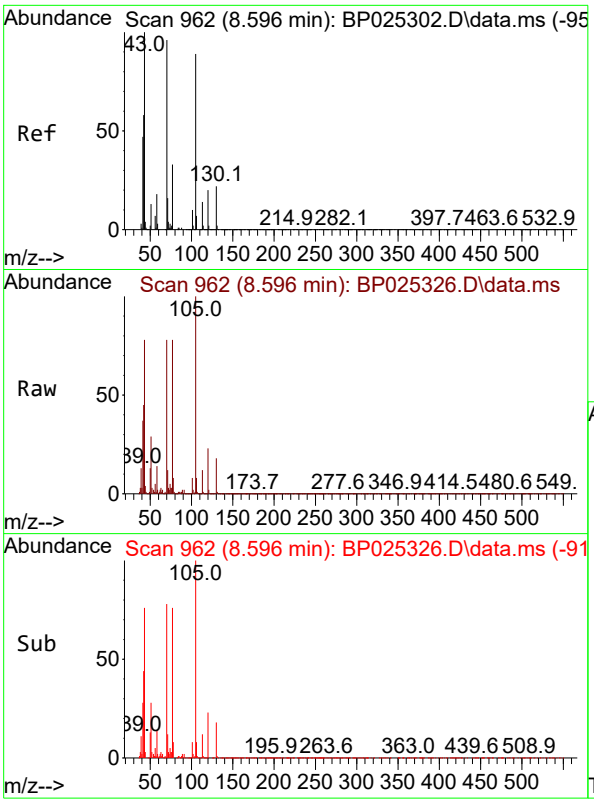


#18
Hexachloroethane
Concen: 39.538 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:117 Resp: 263322

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	99.4	76.6	114.8

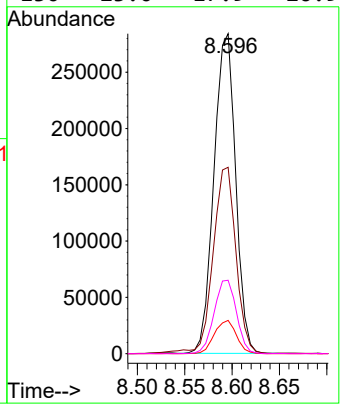




#19
n-Nitroso-di-n-propylamine
Concen: 34.950 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 70 Resp: 45229

Ion	Ratio	Lower	Upper
70	100		
42	58.3	49.4	74.0
101	10.4	7.9	11.9
130	23.0	17.9	26.9



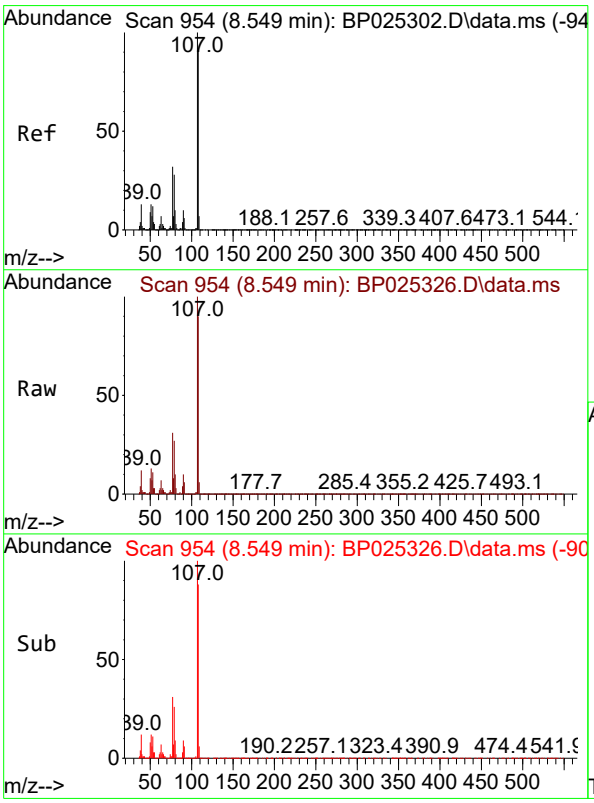
Instrument :
BNA_P
ClientSampleId :
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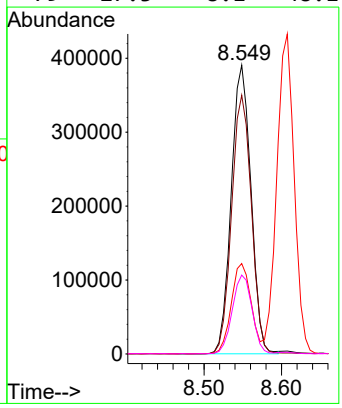
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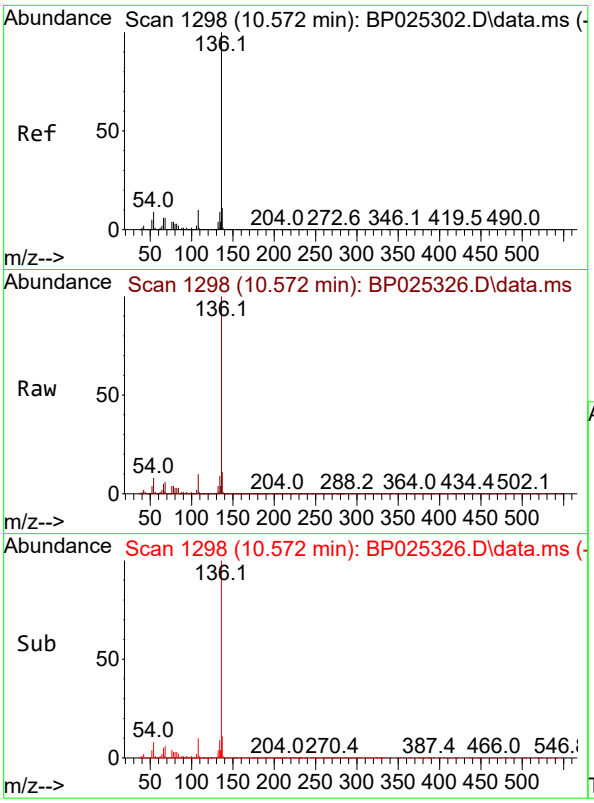


#20
3+4-Methylphenols
Concen: 35.579 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:107 Resp: 690868

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.9	111.9
77	31.3	12.0	52.0
79	27.3	8.1	48.1

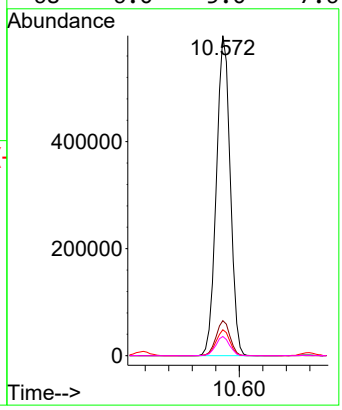




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:136 Resp: 97668

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	7.0	10.6
68	6.0	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

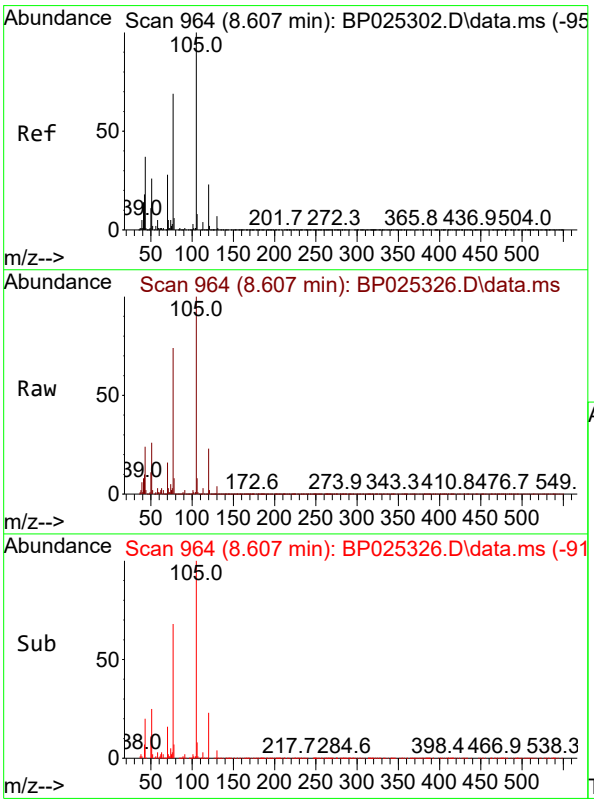
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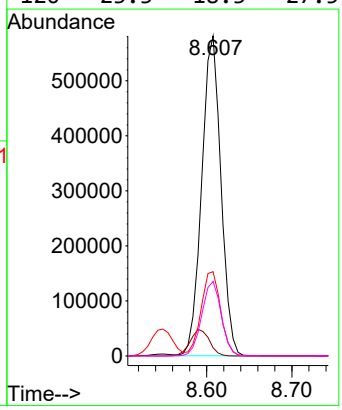
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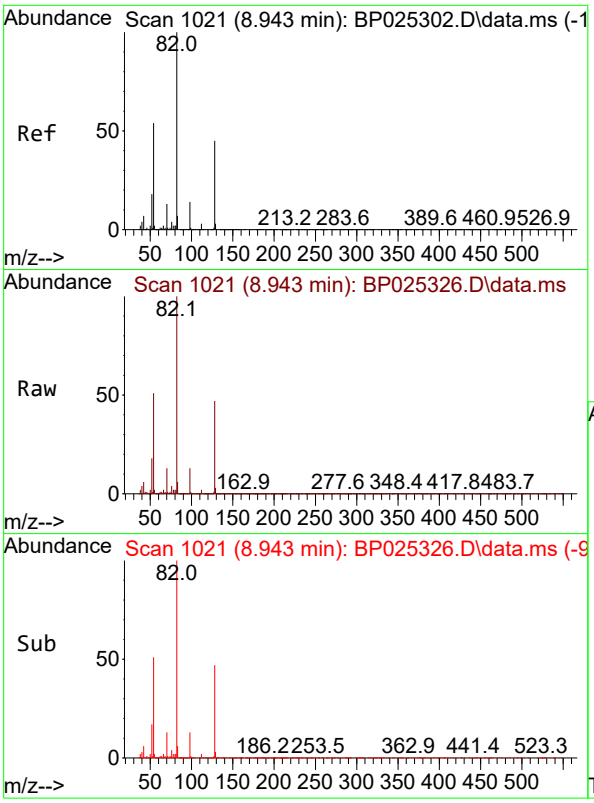


#22
Acetophenone
Concen: 37.077 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:105 Resp: 909064

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.1	6.1#
51	26.4	22.7	34.1
120	23.3	18.3	27.5

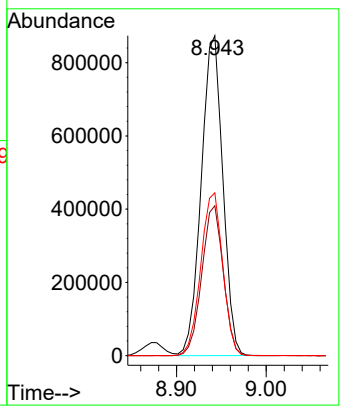




#23
Nitrobenzene-d5
Concen: 82.581 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 82 Resp: 145583

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.4	53.2
54	50.9	42.9	64.3



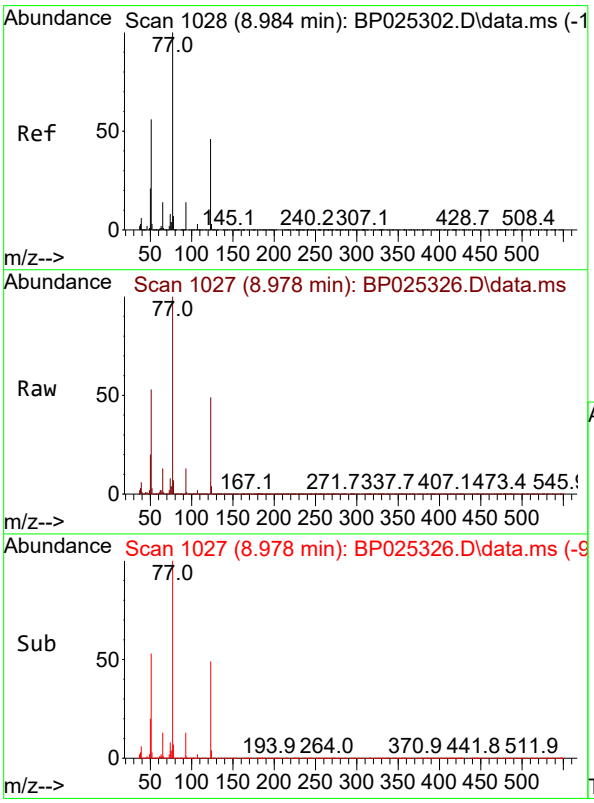
Instrument :
BNA_P
ClientSampleId :
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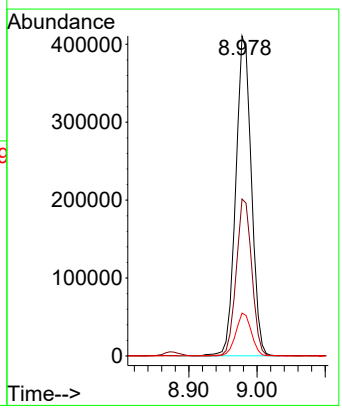
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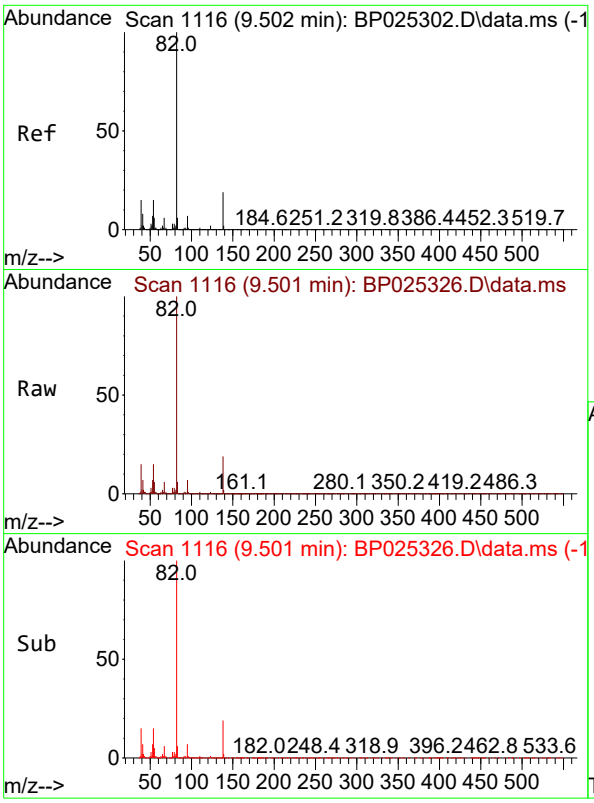


#24
Nitrobenzene
Concen: 39.118 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 77 Resp: 652814

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.4	56.2
65	13.4	11.1	16.7

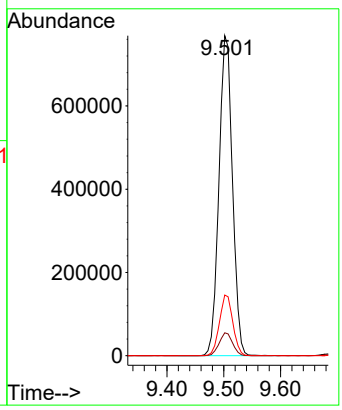




#25
Isophorone
Concen: 36.275 ng
RT: 9.501 min Scan# 1
Delta R.T. -0.001 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 82 Resp: 127296

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.0	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

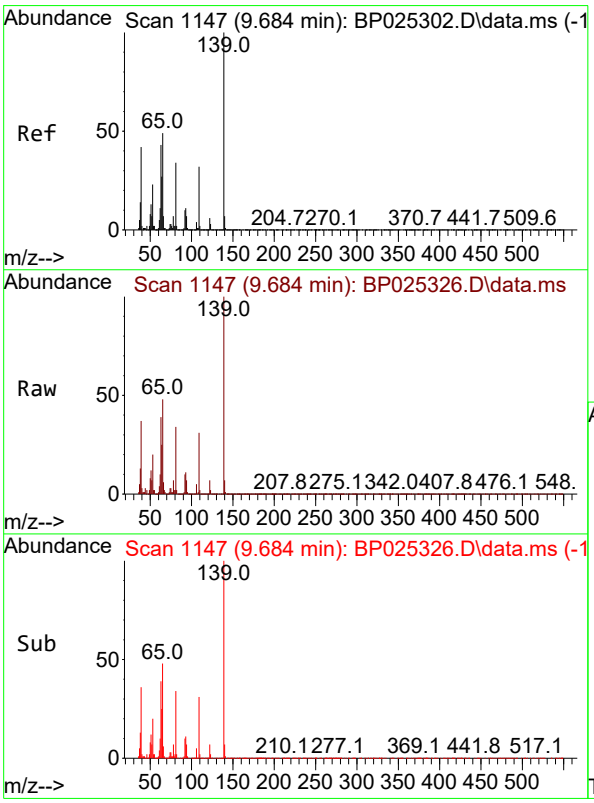
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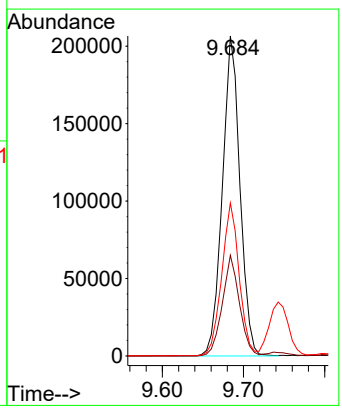
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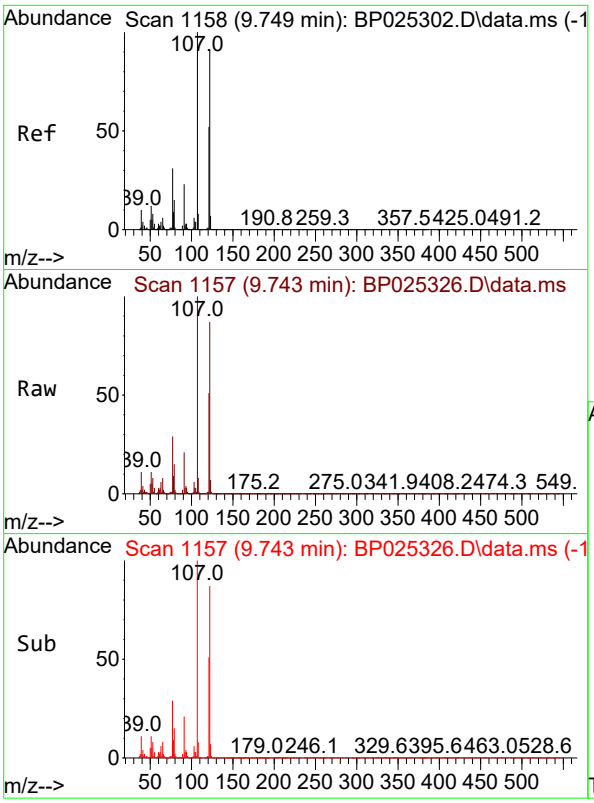


#26
2-Nitrophenol
Concen: 43.187 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:139 Resp: 311077

Ion	Ratio	Lower	Upper
139	100		
109	31.4	25.2	37.8
65	47.8	39.6	59.4

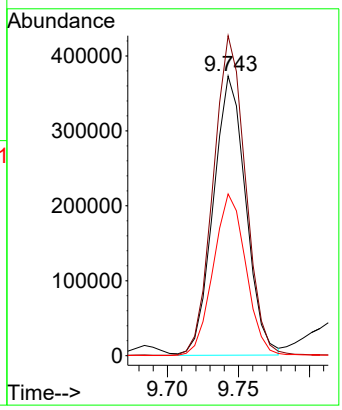




#27
2,4-Dimethylphenol
Concen: 36.530 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:122 Resp: 591009

Ion	Ratio	Lower	Upper
122	100		
107	114.4	87.4	131.0
121	57.8	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

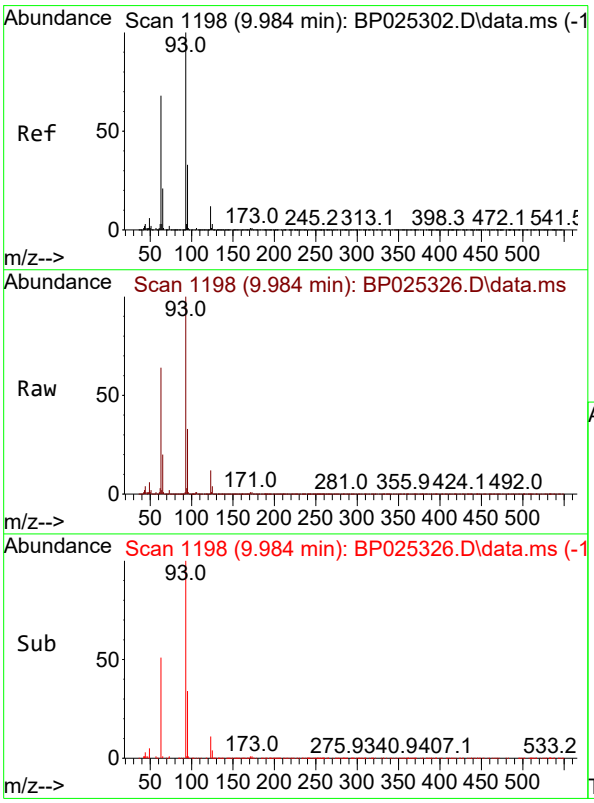
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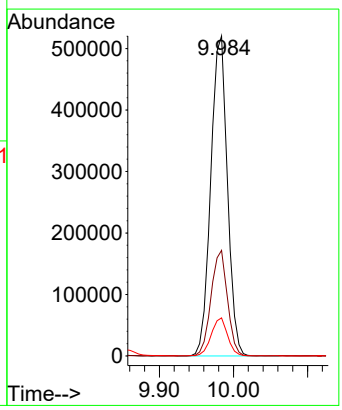
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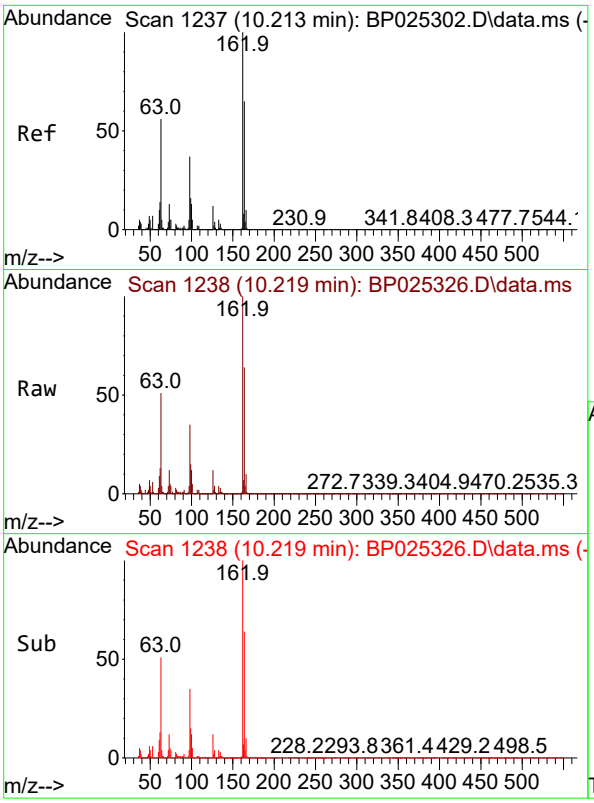


#28
bis(2-Chloroethoxy)methane
Concen: 37.912 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 93 Resp: 809318

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.9	9.4	14.2

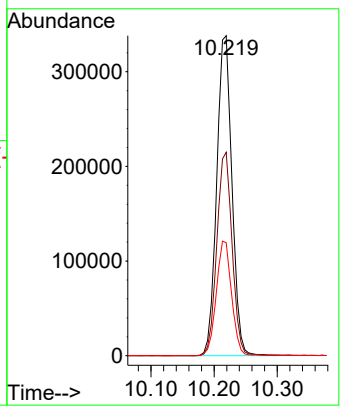




#29
2,4-Dichlorophenol
Concen: 40.082 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:162 Resp: 56773

Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.2	85.2
98	35.3	17.5	57.5



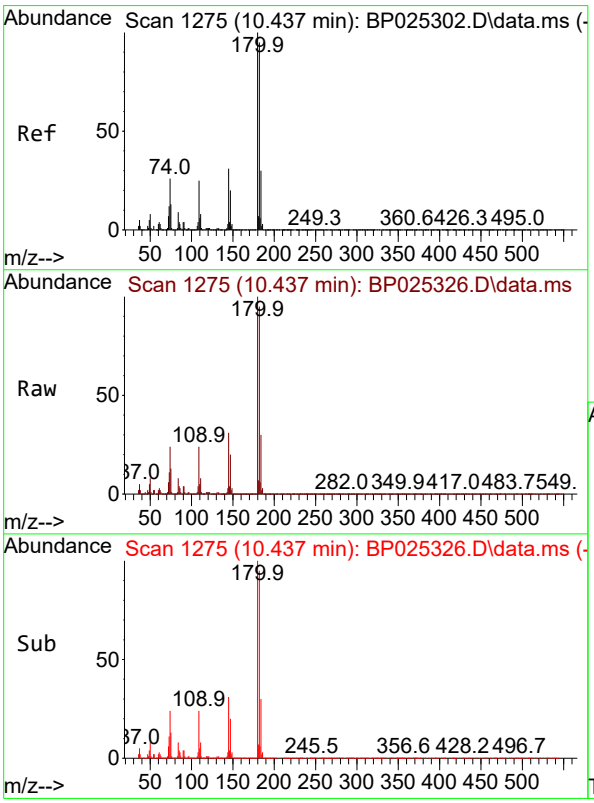
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ClientSampleId :
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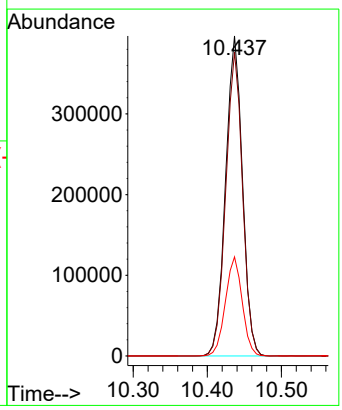
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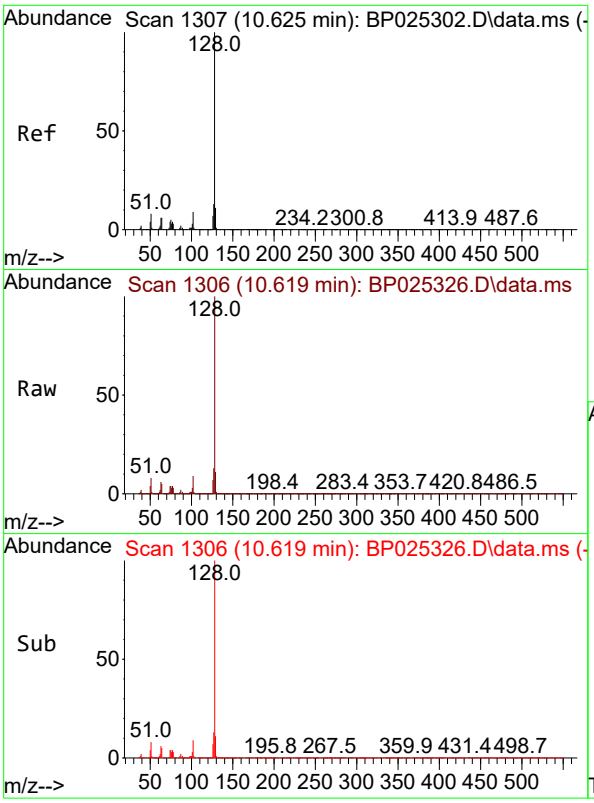


#30
1,2,4-Trichlorobenzene
Concen: 39.999 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:180 Resp: 625060

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	30.9	25.0	37.4

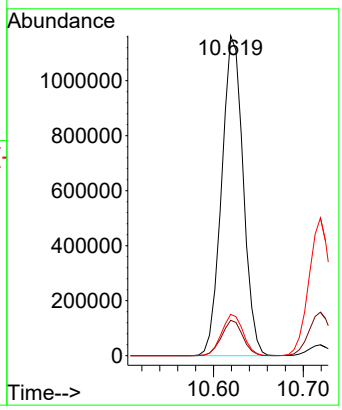




#31
Naphthalene
Concen: 38.158 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:128 Resp: 193467

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

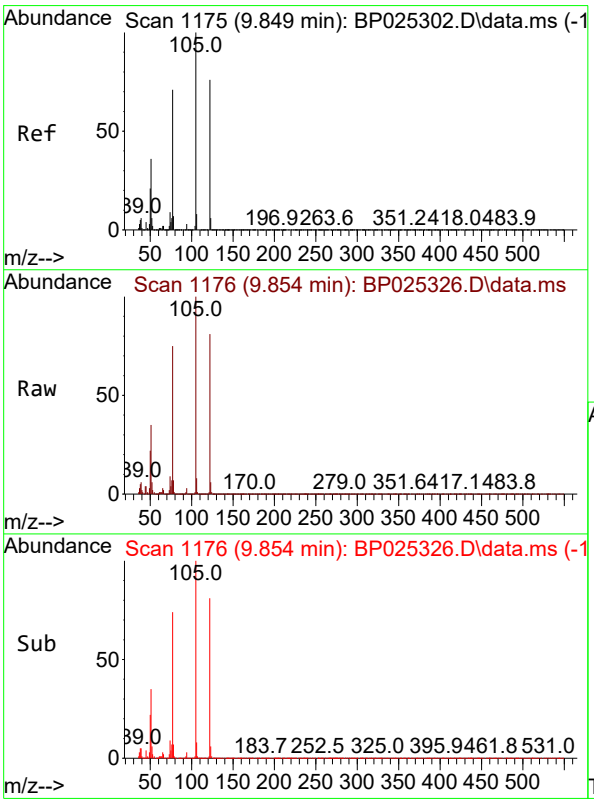
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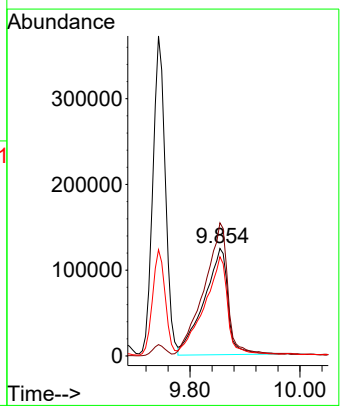
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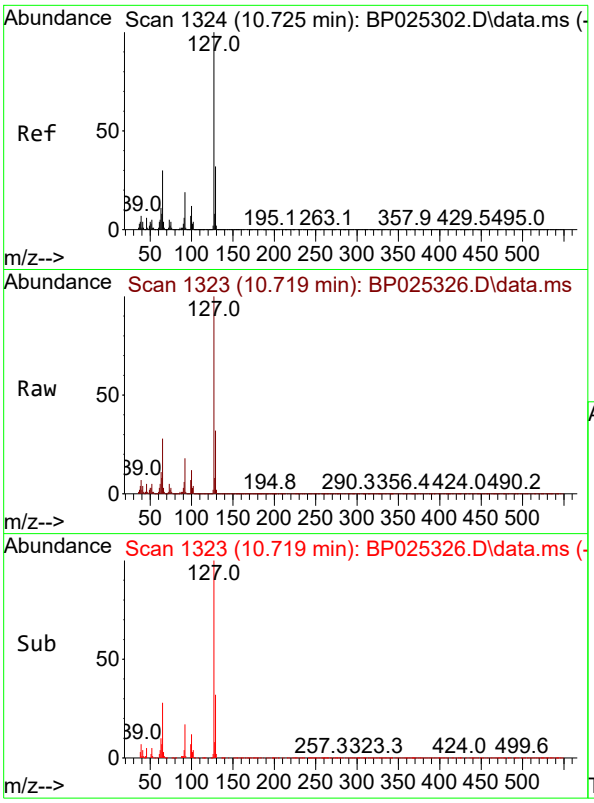


#32
Benzoic acid
Concen: 42.801 ng
RT: 9.854 min Scan# 1176
Delta R.T. 0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:122 Resp: 376644

Ion	Ratio	Lower	Upper
122	100		
105	123.8	104.0	144.0
77	92.3	71.8	111.8

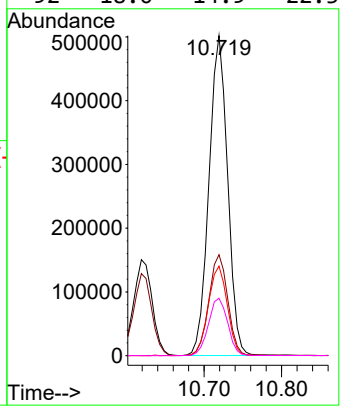




#33
4-Chloroaniline
Concen: 37.219 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:127 Resp: 83928

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	28.0	23.6	35.4
92	18.0	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

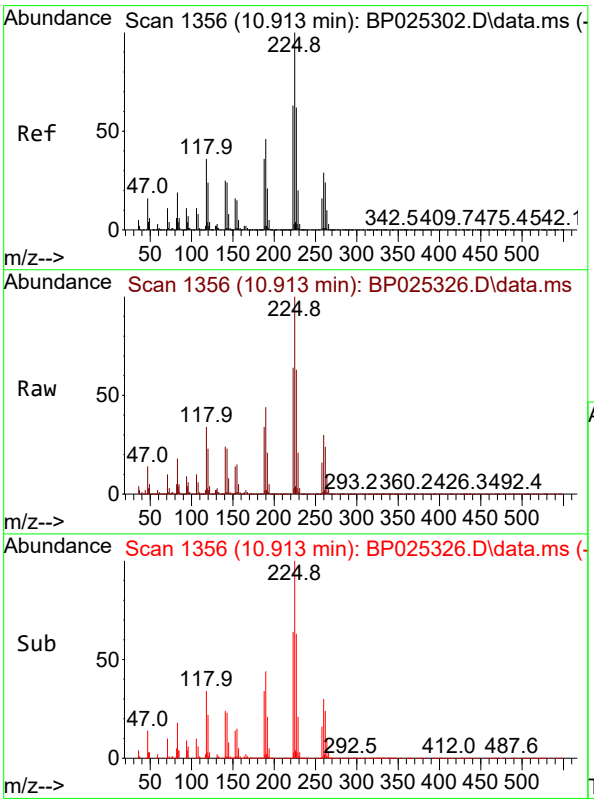
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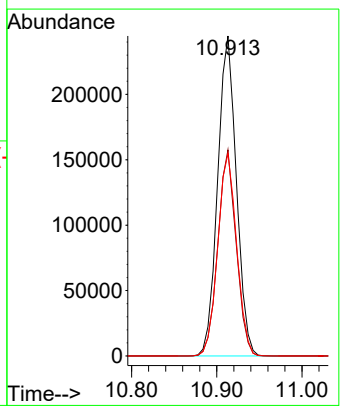
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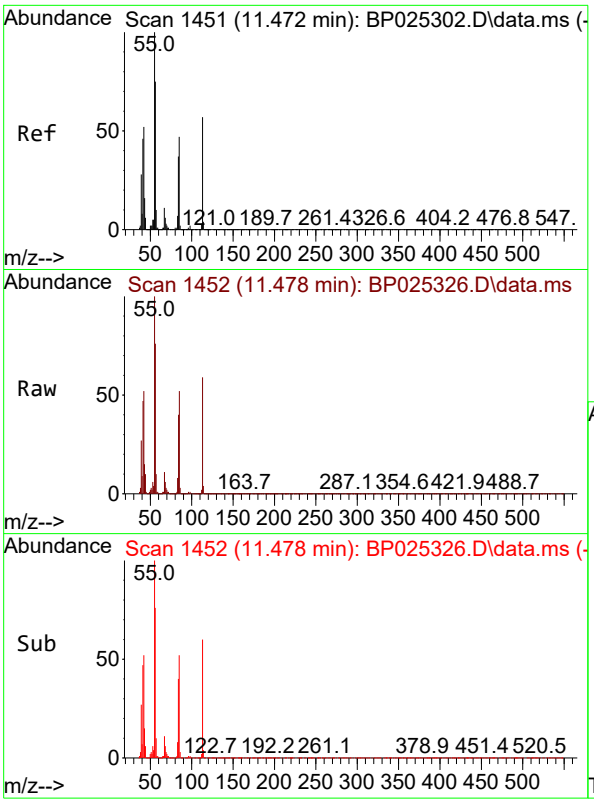


#34
Hexachlorobutadiene
Concen: 41.702 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:225 Resp: 374078

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.3	75.5
227	63.3	49.7	74.5

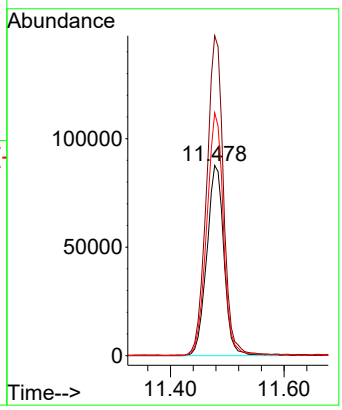




#35
Caprolactam
Concen: 33.213 ng
RT: 11.478 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:113 Resp: 18250

Ion	Ratio	Lower	Upper
113	100		
55	168.3	154.4	194.4
56	127.7	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

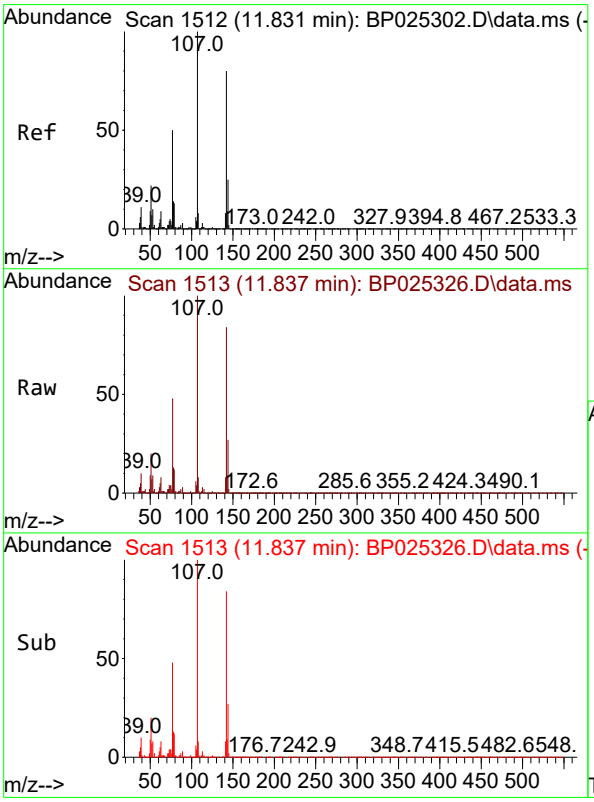
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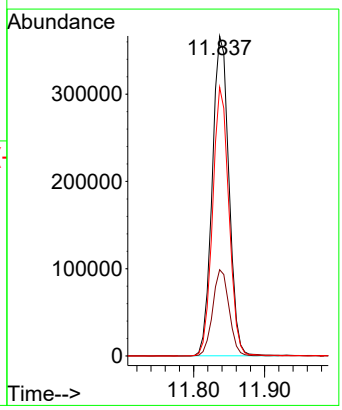
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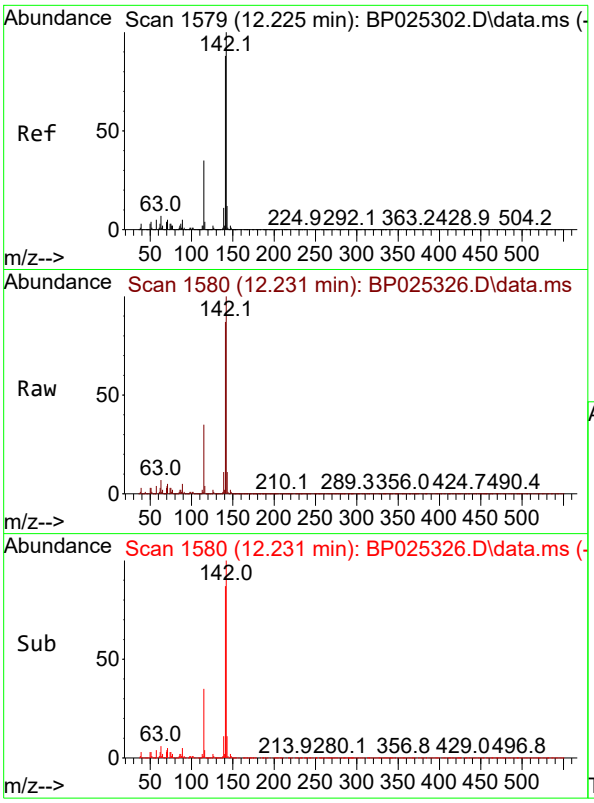


#36
4-Chloro-3-methylphenol
Concen: 36.473 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:107 Resp: 597779

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.4	30.6
142	84.0	63.7	95.5

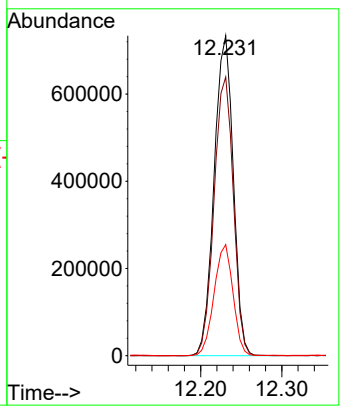




#37
2-Methylnaphthalene
Concen: 36.592 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:142 Resp: 120086

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.4	105.6
115	34.7	28.0	42.0



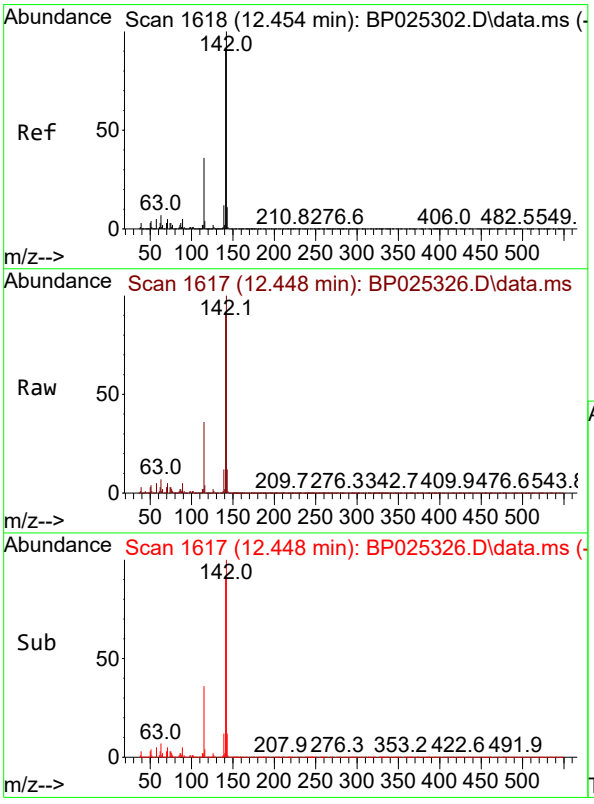
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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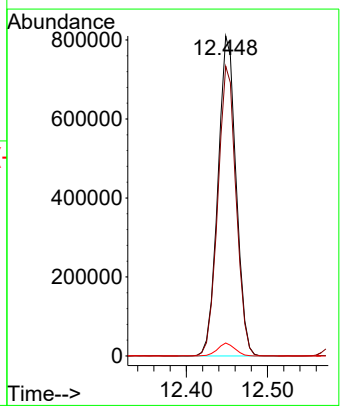
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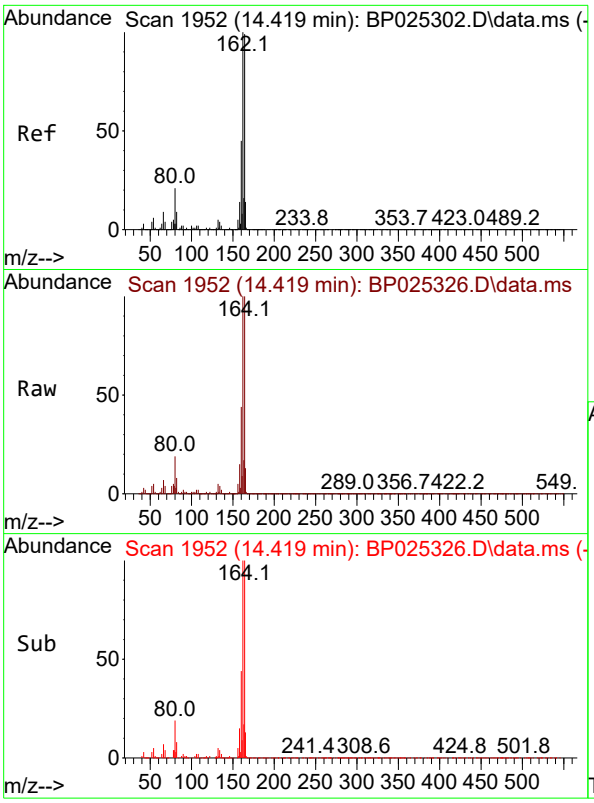


#38
1-Methylnaphthalene
Concen: 36.759 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:142 Resp: 1258723

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.6
116	4.0	3.0	4.6

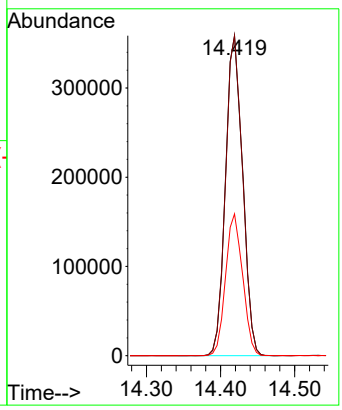




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:164 Resp: 57560

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.3	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

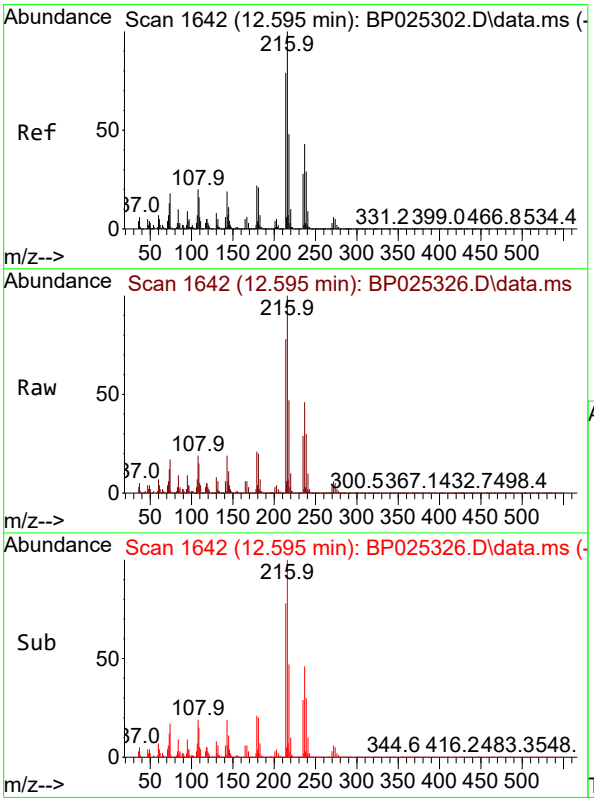
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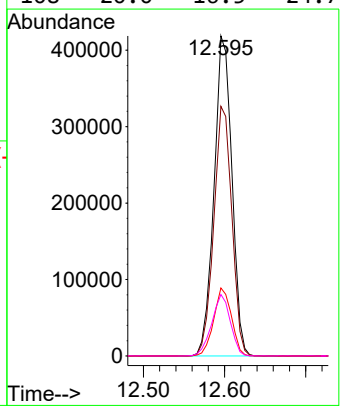
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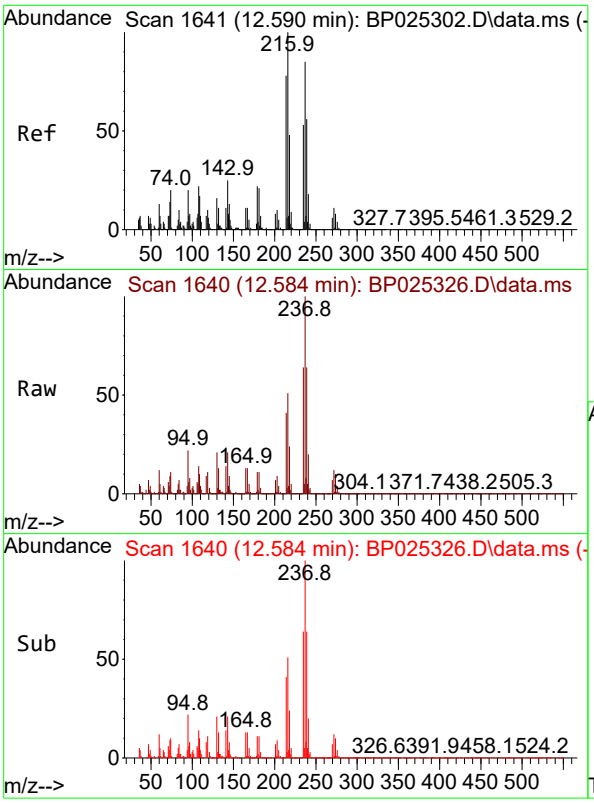


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.736 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:216 Resp: 640167

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	21.2	17.5	26.3
108	20.0	16.5	24.7

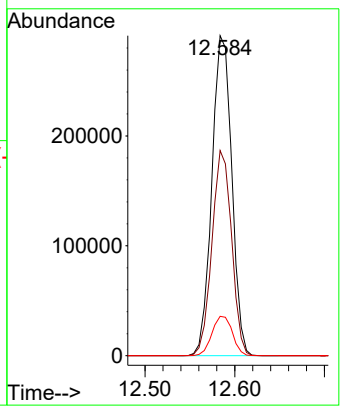




#41
Hexachlorocyclopentadiene
Concen: 46.179 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:237 Resp: 44789

Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.2	82.2
272	12.3	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

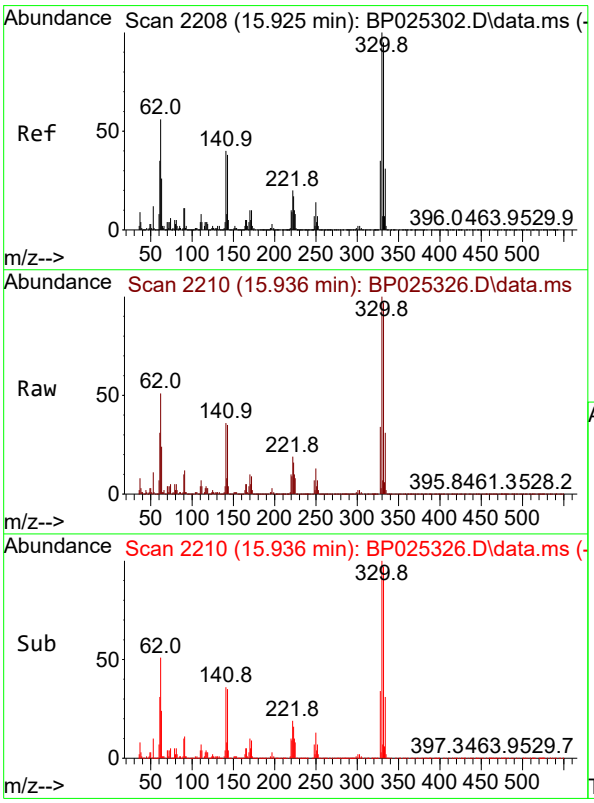
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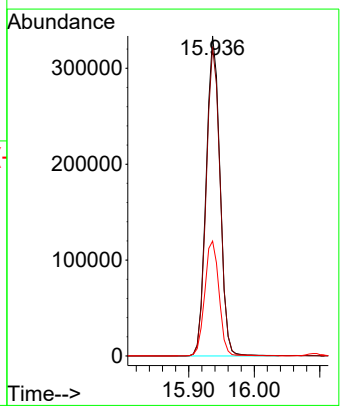
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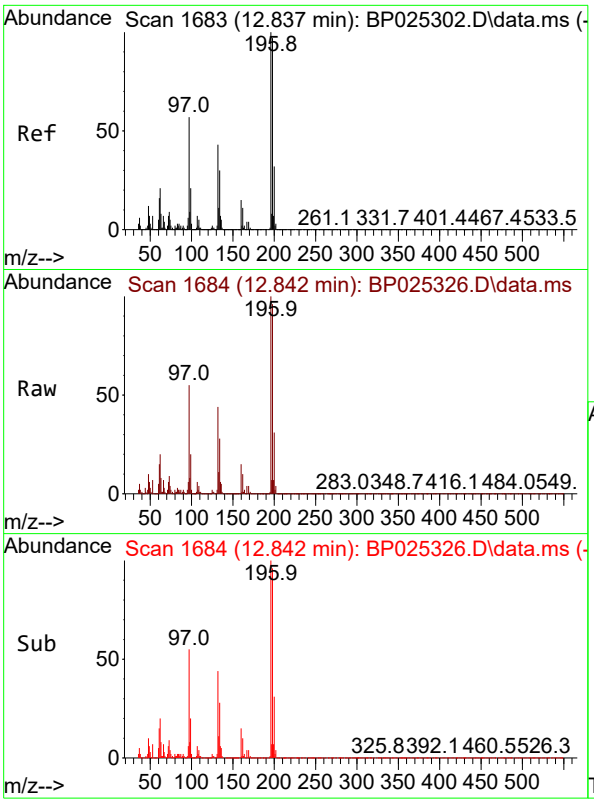


#42
2,4,6-Tribromophenol
Concen: 85.536 ng
RT: 15.936 min Scan# 2210
Delta R.T. 0.011 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:330 Resp: 491175

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	37.1	31.7	47.5

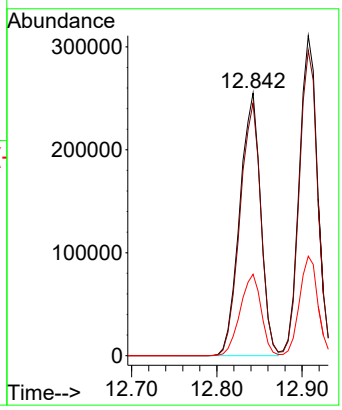




#43
2,4,6-Trichlorophenol
Concen: 42.850 ng
RT: 12.842 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:196 Resp: 43500

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
200	31.0	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

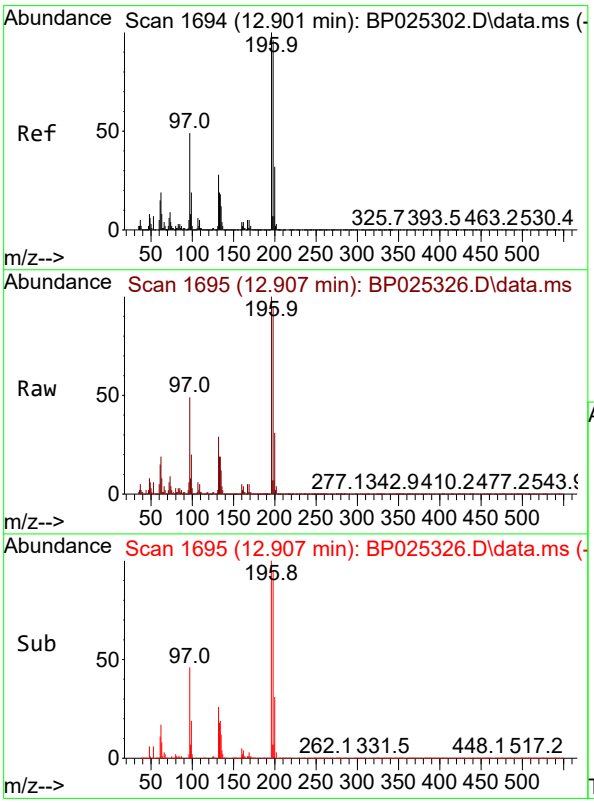
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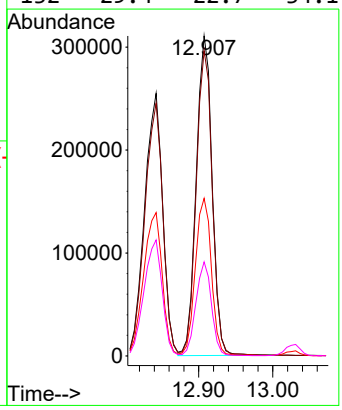
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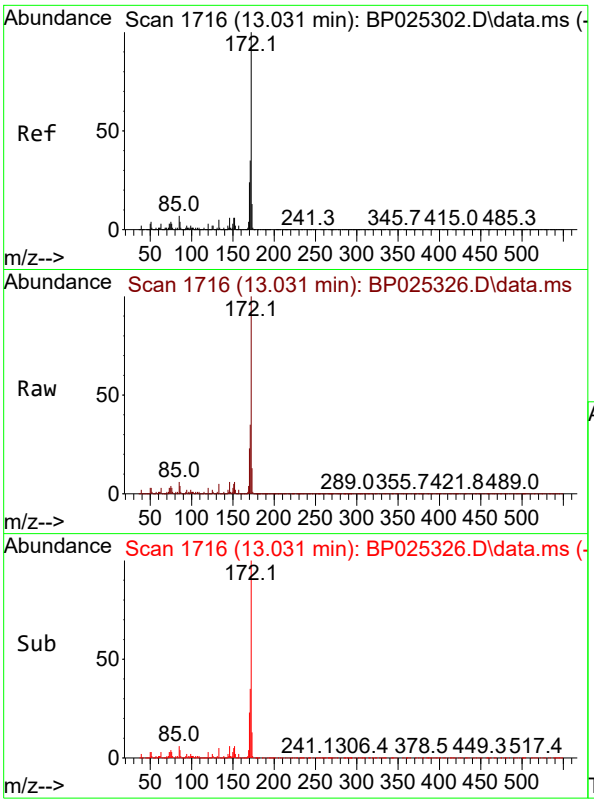


#44
2,4,5-Trichlorophenol
Concen: 40.675 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:196 Resp: 463206

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	114.8
97	49.3	39.5	59.3
132	29.4	22.7	34.1

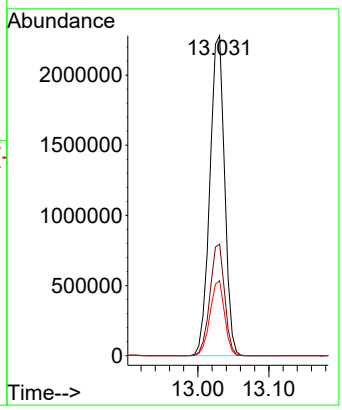




#45
2-Fluorobiphenyl
Concen: 78.893 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:172 Resp: 328780

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.5	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

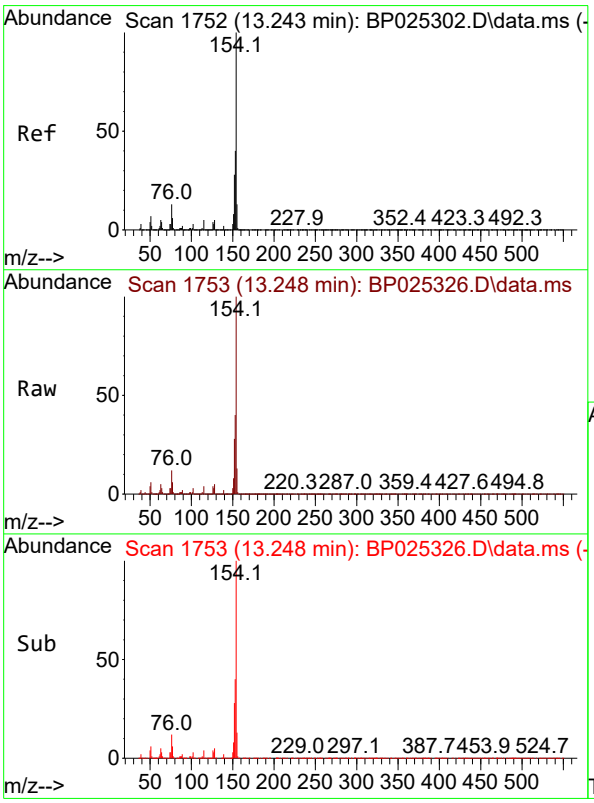
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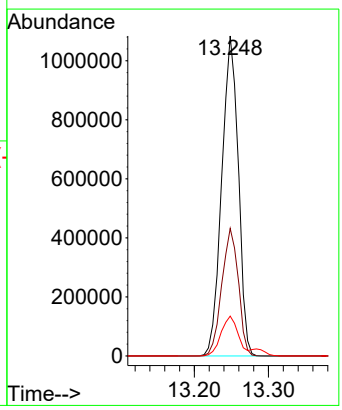
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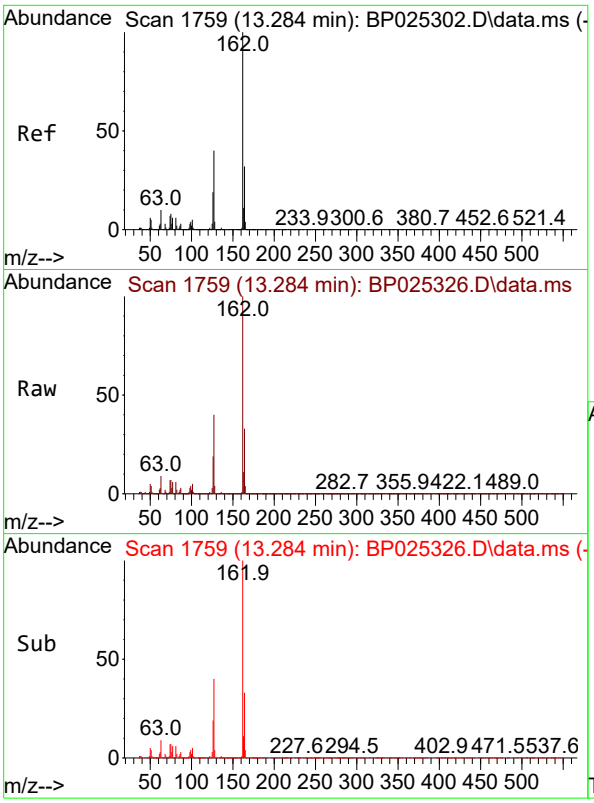


#46
1,1'-Biphenyl
Concen: 39.644 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:154 Resp: 1681680

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	12.5	0.0	33.2

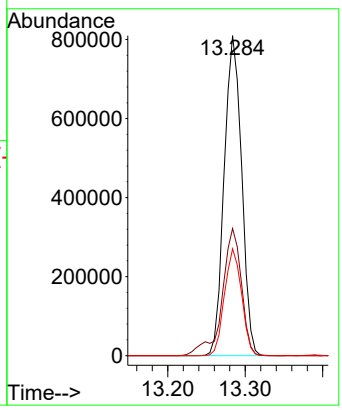




#47
2-Chloronaphthalene
Concen: 39.216 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:162 Resp: 126912

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.2	48.2
164	33.4	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

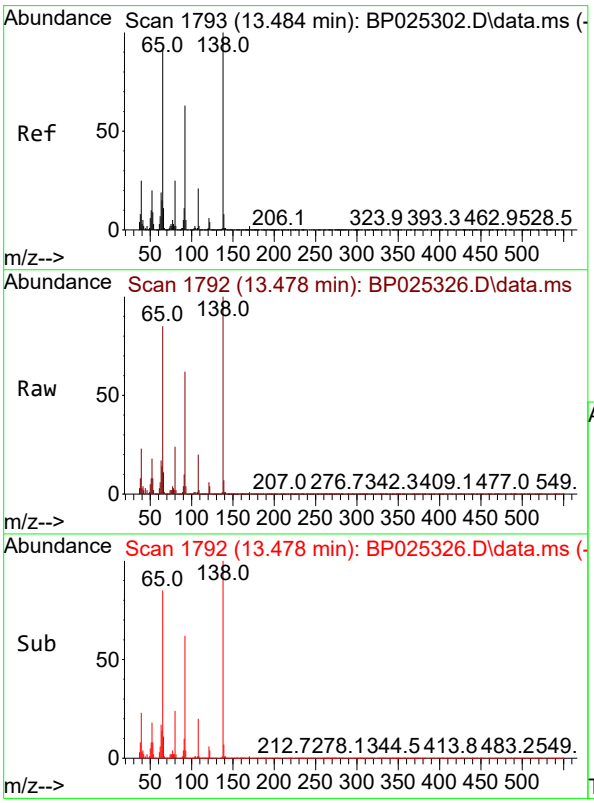
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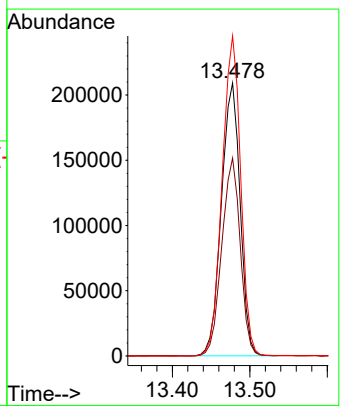
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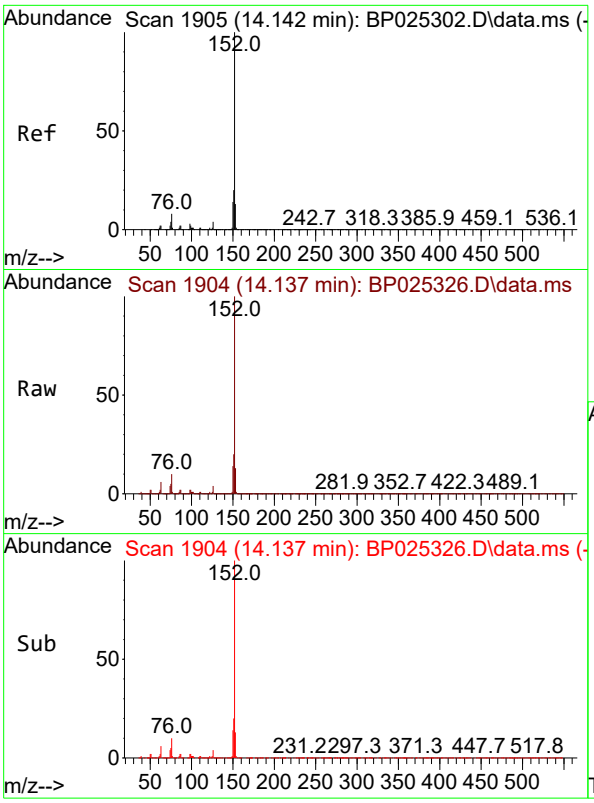


#48
2-Nitroaniline
Concen: 37.795 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 65 Resp: 351935

Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.4	81.6
138	117.2	87.0	130.4

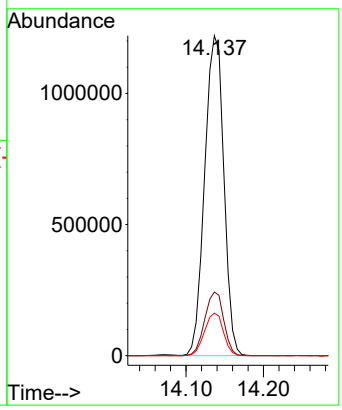




#49
Acenaphthylene
Concen: 38.783 ng
RT: 14.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:152 Resp: 209358

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.4	15.6



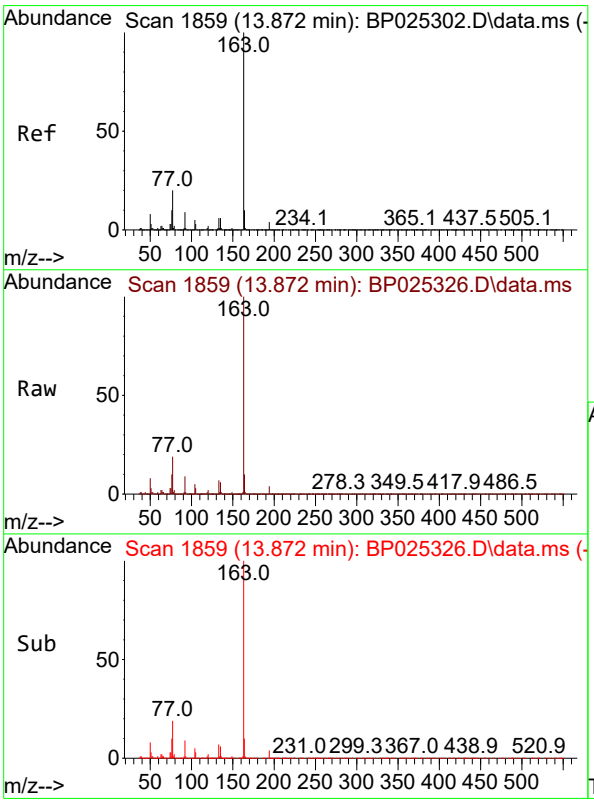
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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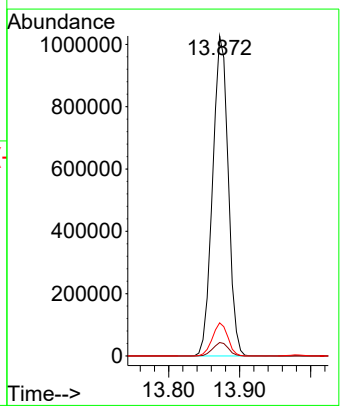
08/11/2025

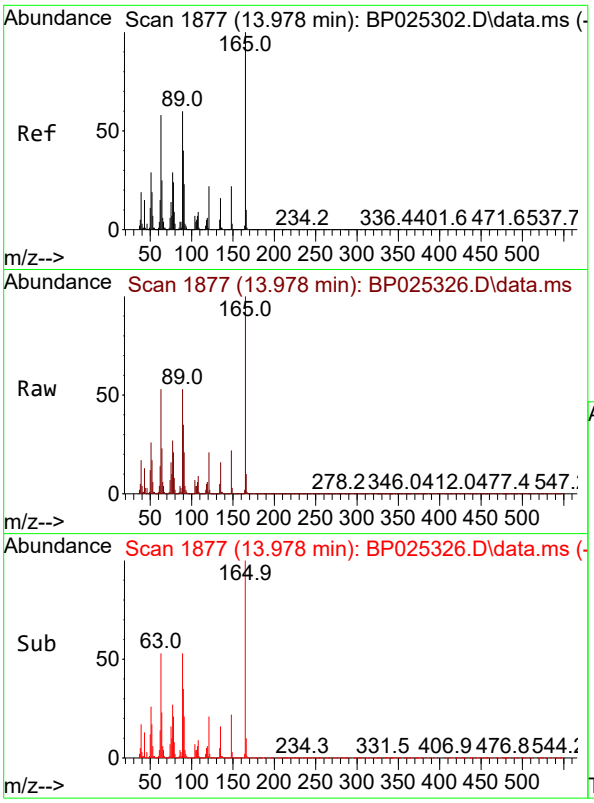


#50
Dimethylphthalate
Concen: 37.202 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:163 Resp: 1561021

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 41.572 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:165 Resp: 32175

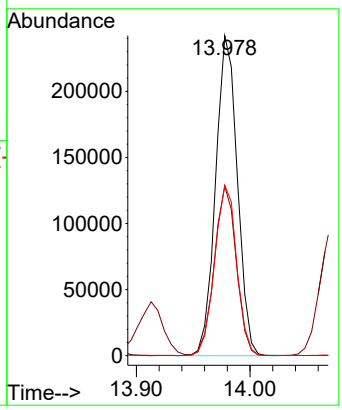
Ion	Ratio	Lower	Upper
165	100		
63	53.0	47.6	71.4
89	53.2	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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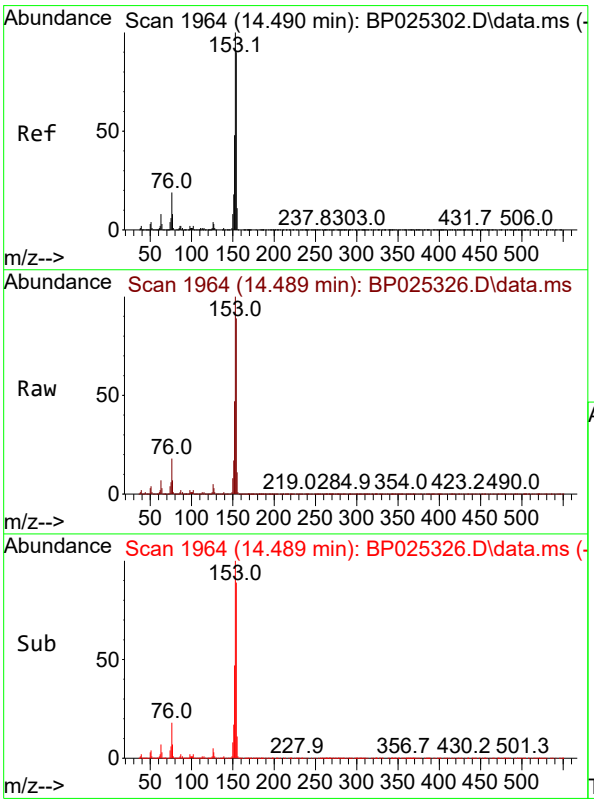
Reviewed By :Rahul Chavli

08/11/2025



Supervised By :Jagrut Upadhyay

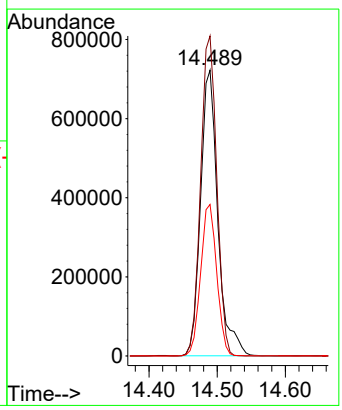
08/11/2025

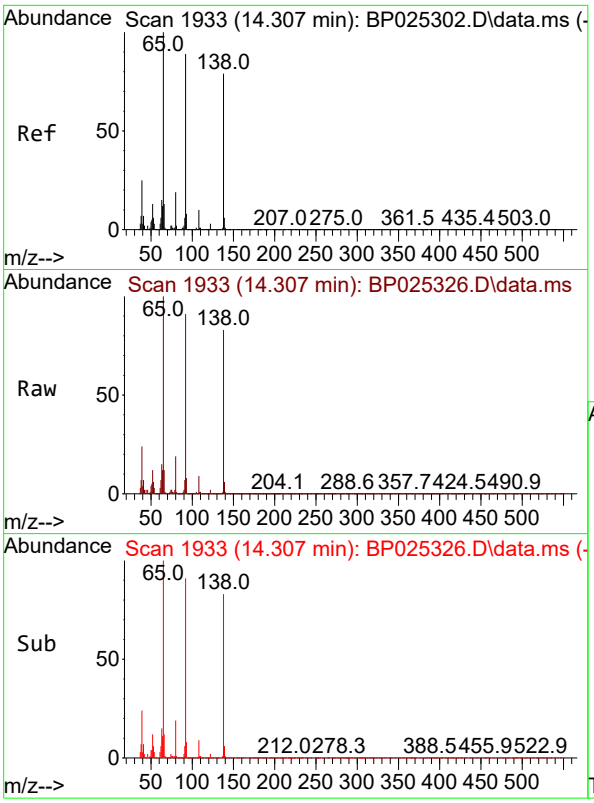


#52
Acenaphthene
Concen: 38.713 ng
RT: 14.489 min Scan# 1964
Delta R.T. -0.001 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:154 Resp: 1274700

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	53.0	43.0	64.6





#53
3-Nitroaniline
Concen: 40.941 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:138 Resp: 37079

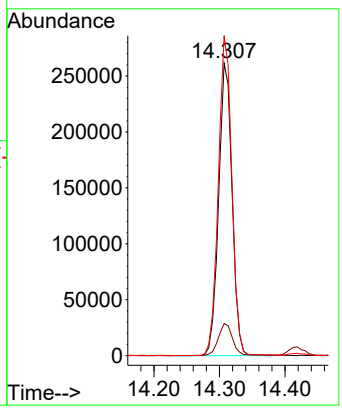
Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.5	15.7
92	109.4	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

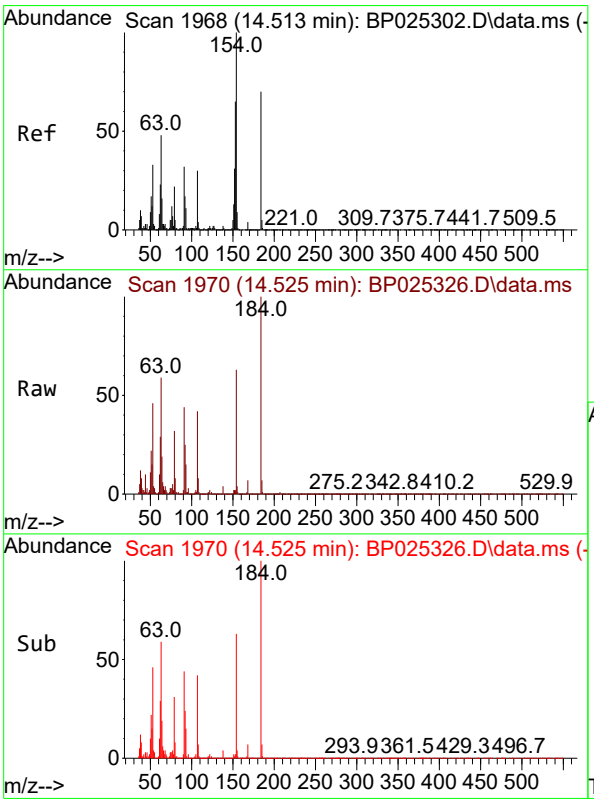
Reviewed By :Rahul Chavli

08/11/2025



Supervised By :Jagrut Upadhyay

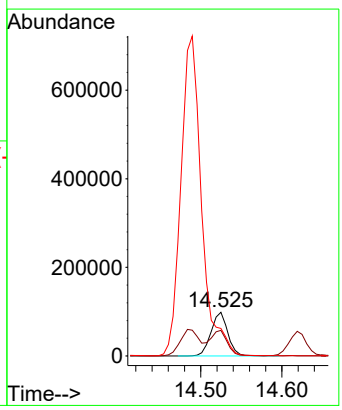
08/11/2025

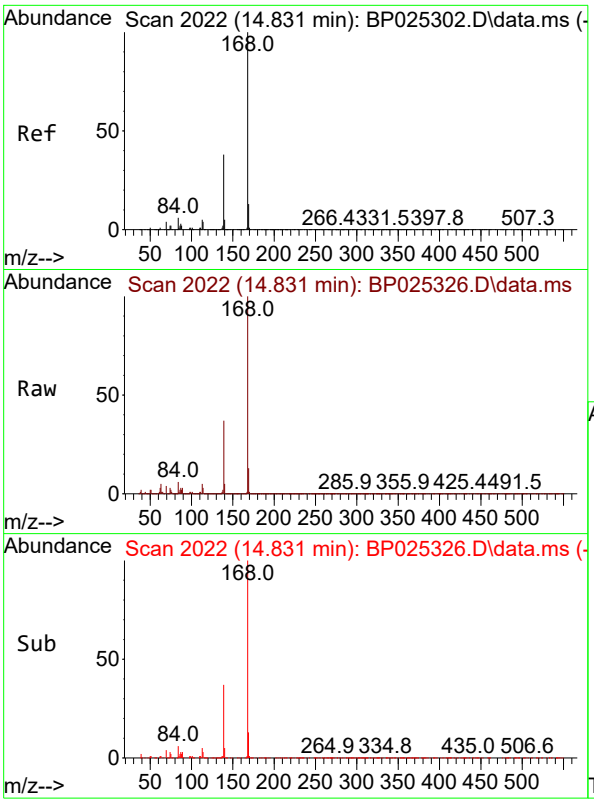


#54
2,4-Dinitrophenol
Concen: 45.329 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:184 Resp: 141775

Ion	Ratio	Lower	Upper
184	100		
63	58.8	56.3	84.5
154	63.0	124.5	186.7#

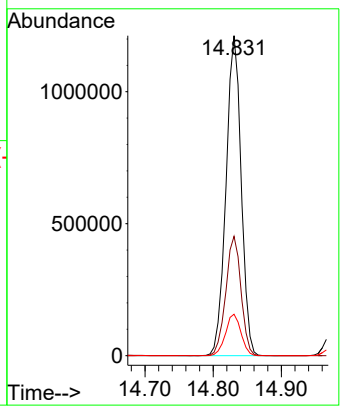




#55
Dibenzofuran
Concen: 38.127 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:168 Resp: 187605

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.5	45.7
169	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

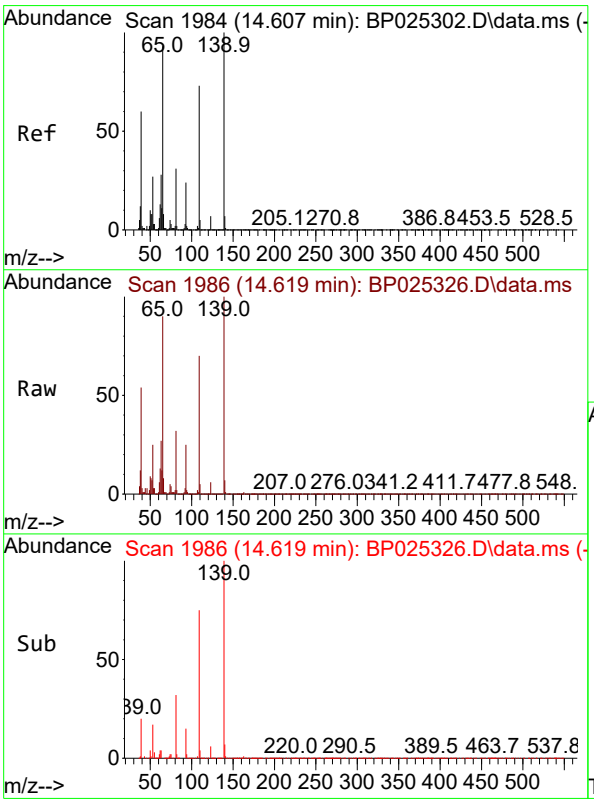
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

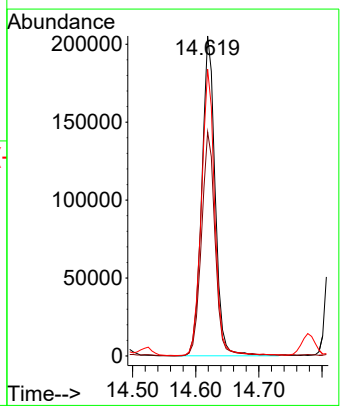
08/11/2025

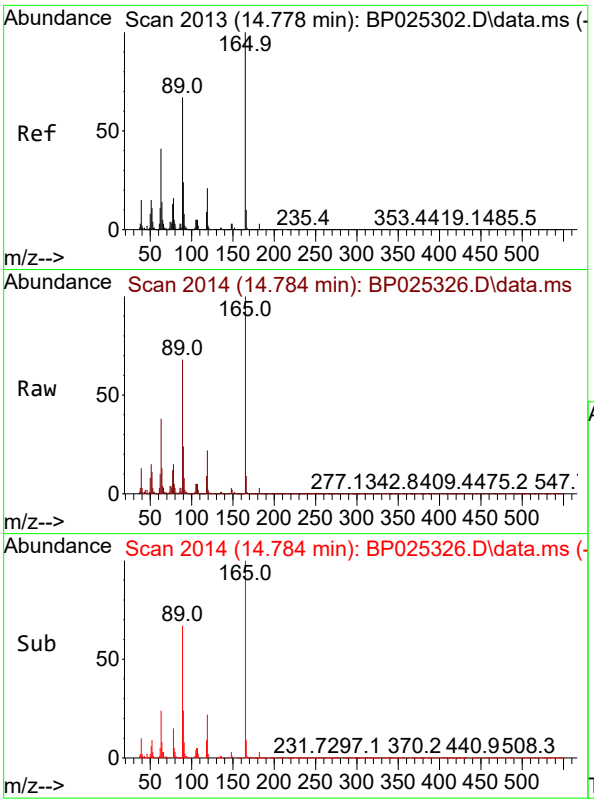


#56
4-Nitrophenol
Concen: 37.847 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:139 Resp: 302516

Ion	Ratio	Lower	Upper
139	100		
109	70.0	52.7	92.7
65	89.6	73.4	113.4

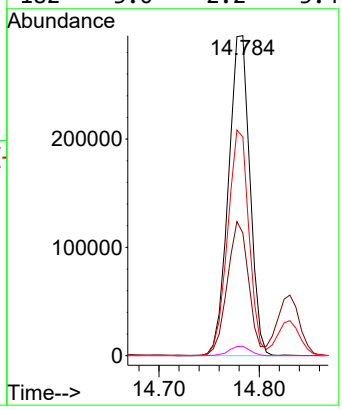




#57
2,4-Dinitrotoluene
Concen: 37.428 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:165 Resp: 43983

Ion	Ratio	Lower	Upper
165	100		
63	38.4	33.2	49.8
89	68.3	53.5	80.3
182	3.0	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

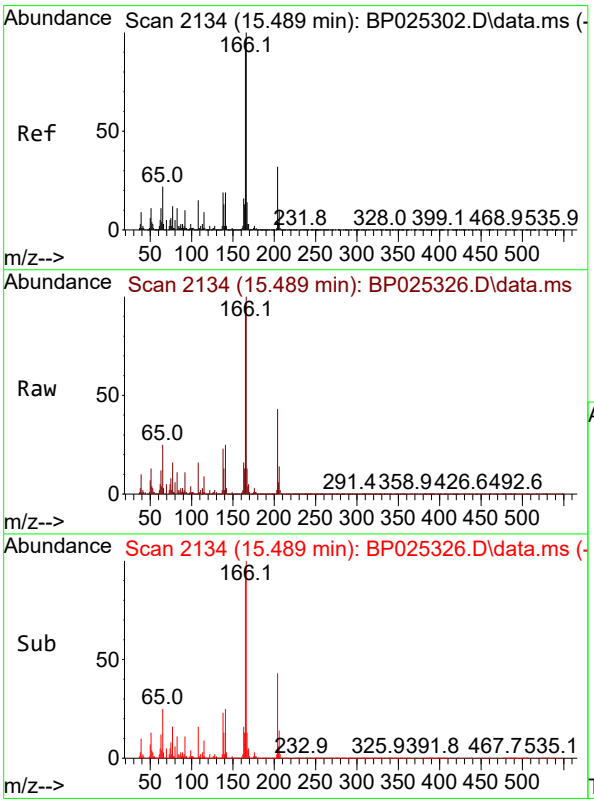
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

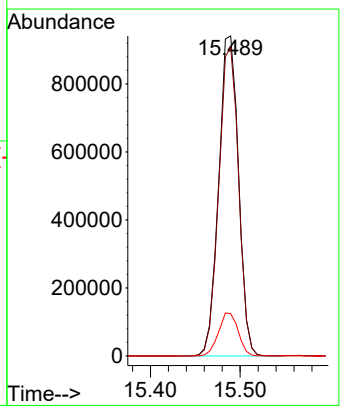
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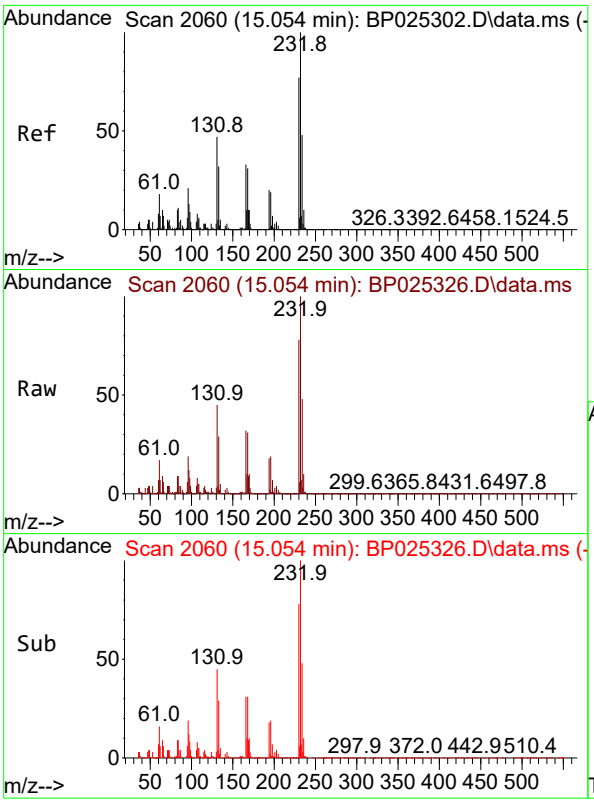


#58
Fluorene
Concen: 37.318 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:166 Resp: 1442226

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.2	10.9	16.3

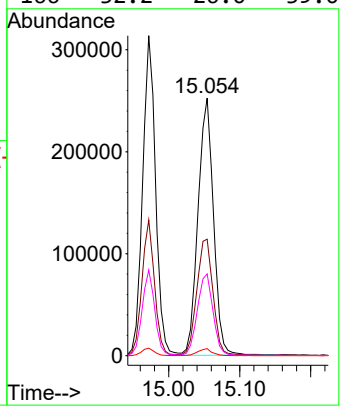




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.341 ng
RT: 15.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:232 Resp: 38374

Ion	Ratio	Lower	Upper
232	100		
131	47.5	39.3	58.9
130	2.5	2.2	3.2
166	32.2	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

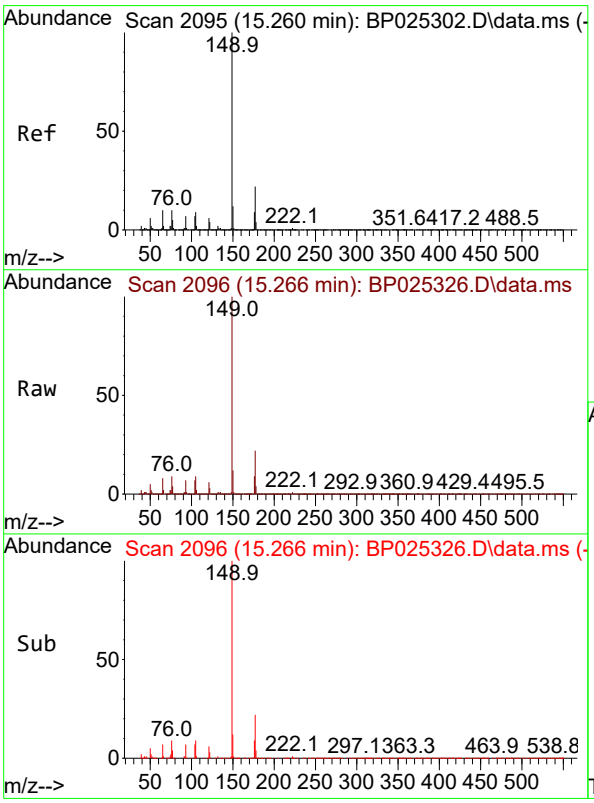
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

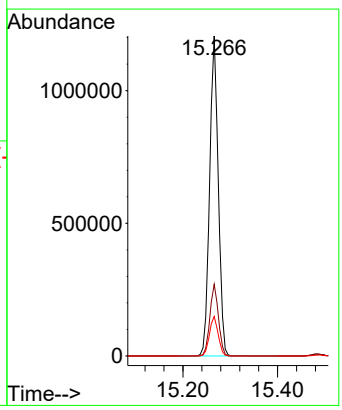
08/11/2025

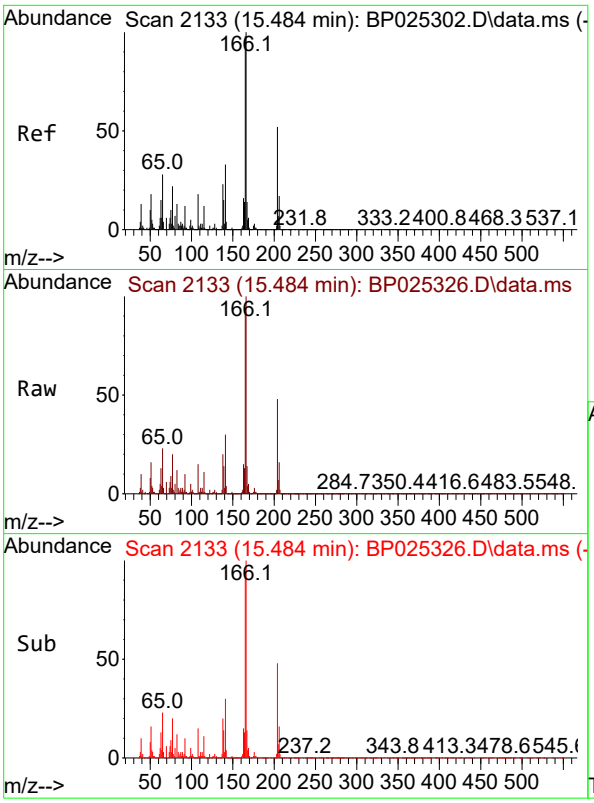


#60
Diethylphthalate
Concen: 36.065 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:149 Resp: 1525689

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.3	9.8	14.8

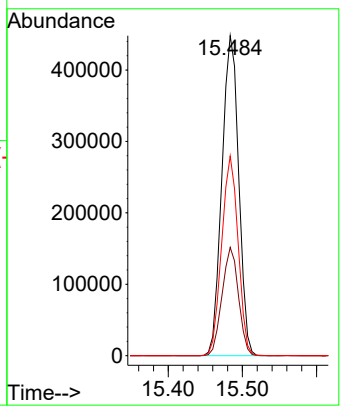




#61
4-Chlorophenyl-phenylether
Concen: 38.445 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:204 Resp: 70437

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.4
141	62.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

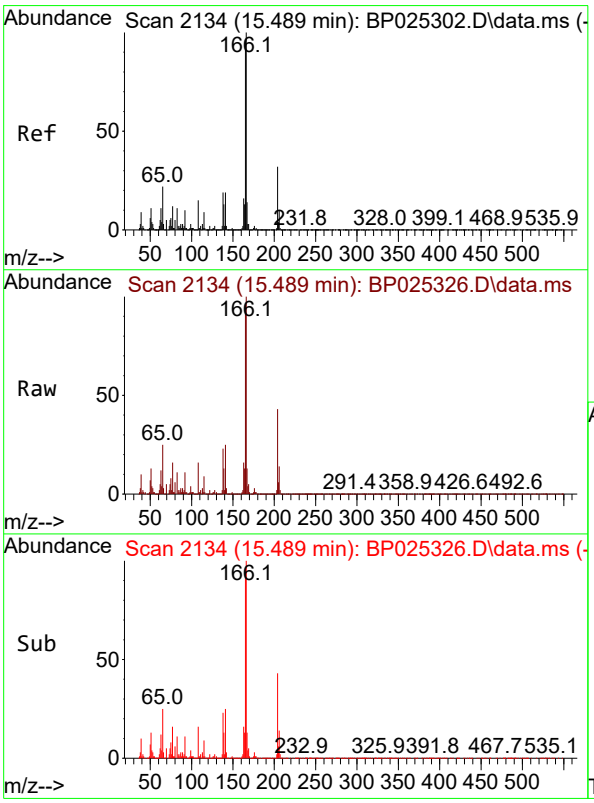
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

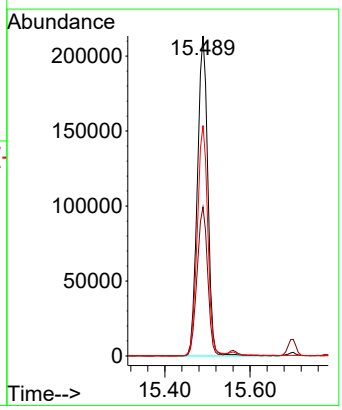
08/11/2025

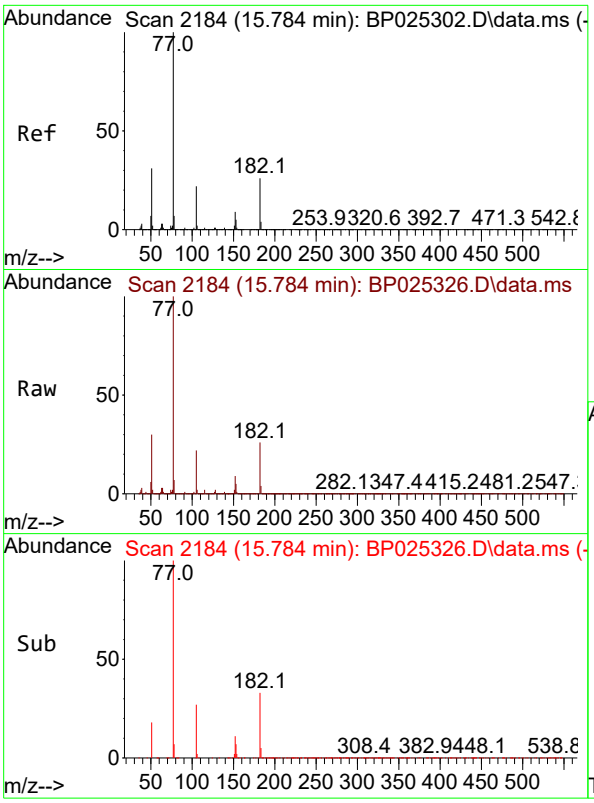


#62
4-Nitroaniline
Concen: 40.264 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:138 Resp: 361326

Ion	Ratio	Lower	Upper
138	100		
92	46.5	29.8	69.8
108	72.0	56.6	96.6

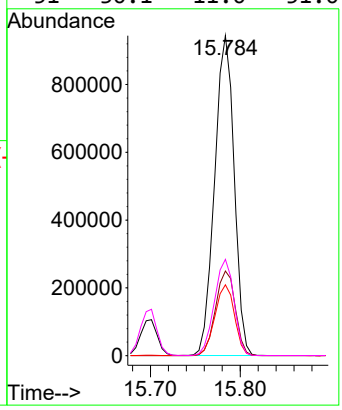




#63
Azobenzene
Concen: 36.326 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.001 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion: 77 Resp: 142761

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.0	46.0
105	22.1	2.1	42.1
51	30.1	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

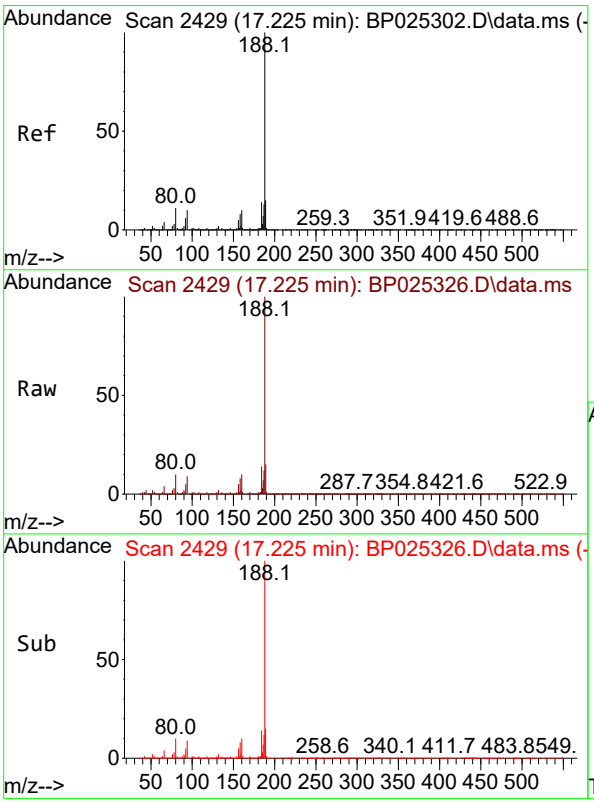
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

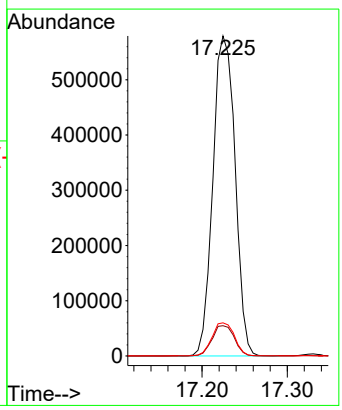
08/11/2025

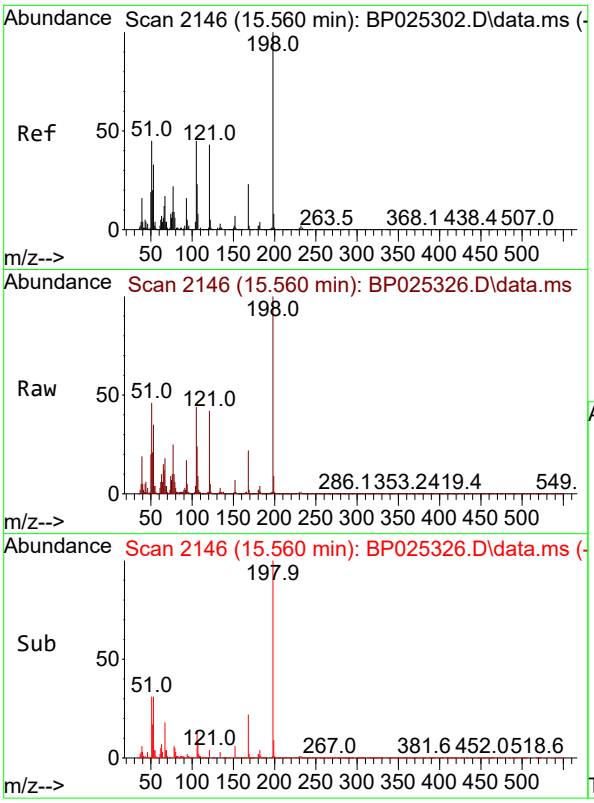


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:188 Resp: 1048506

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.4	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 45.566 ng
RT: 15.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:198 Resp: 20739

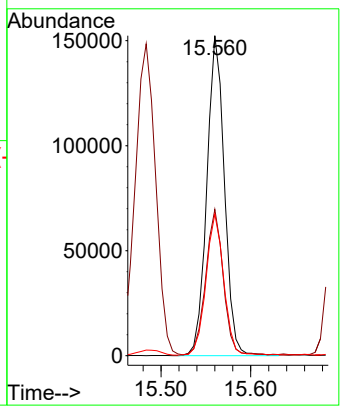
Ion	Ratio	Lower	Upper
198	100		
51	45.7	26.7	66.7
105	44.2	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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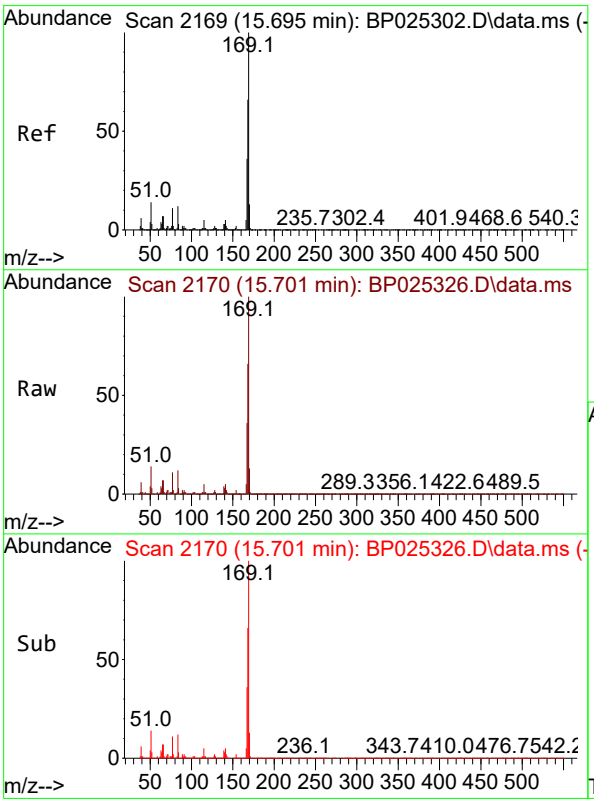
Reviewed By :Rahul Chavli

08/11/2025



Supervised By :Jagrut Upadhyay

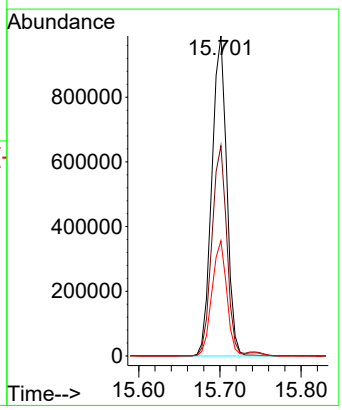
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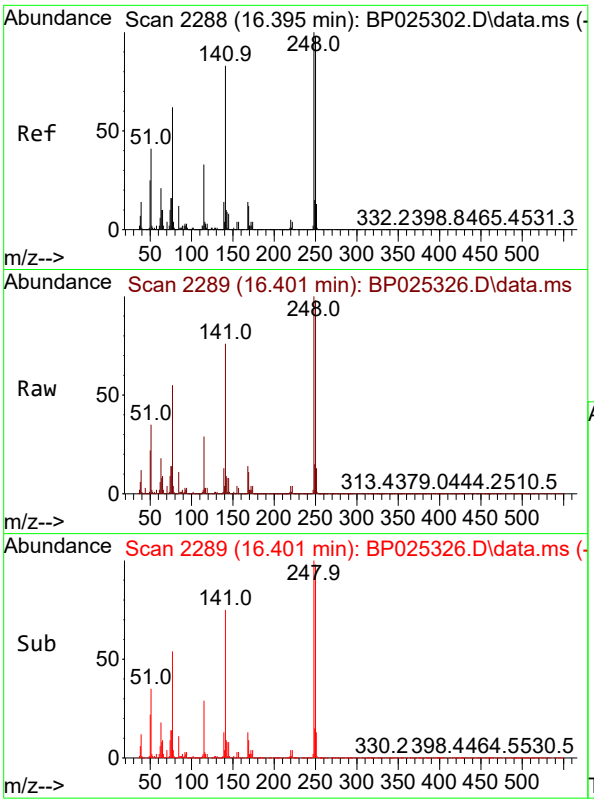


#66
n-Nitrosodiphenylamine
Concen: 39.469 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:169 Resp: 1260046

Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.8	79.2
167	36.0	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 41.303 ng
RT: 16.401 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:248 Resp: 43574

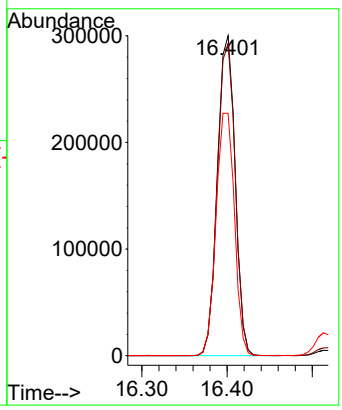
Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.6	117.8
141	75.7	66.6	99.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

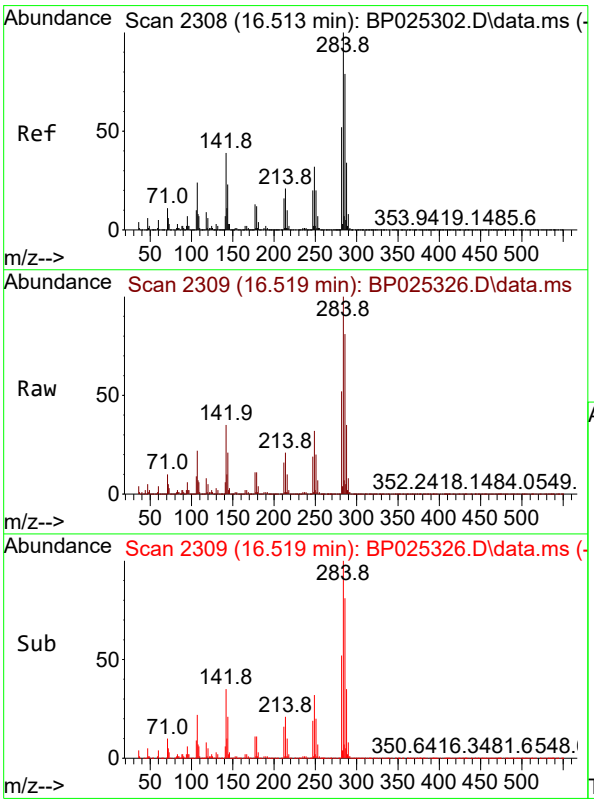
Reviewed By :Rahul Chavli

08/11/2025



Supervised By :Jagrut Upadhyay

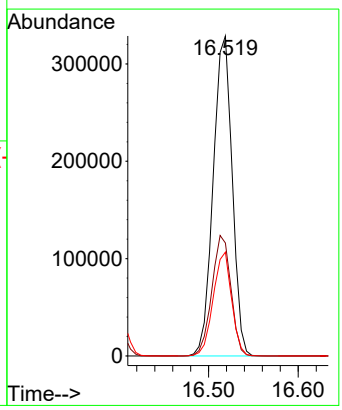
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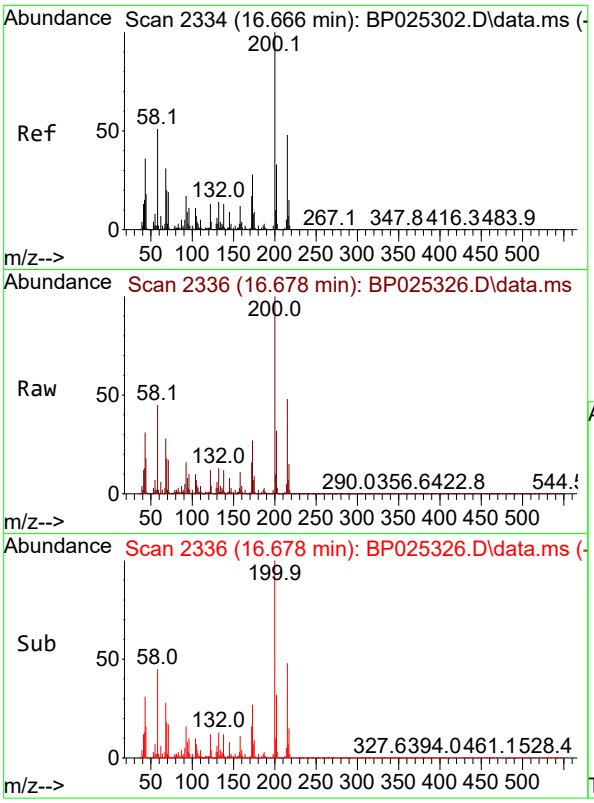


#68
Hexachlorobenzene
Concen: 40.812 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:284 Resp: 483113

Ion	Ratio	Lower	Upper
284	100		
142	35.3	30.8	46.2
249	32.4	25.4	38.0

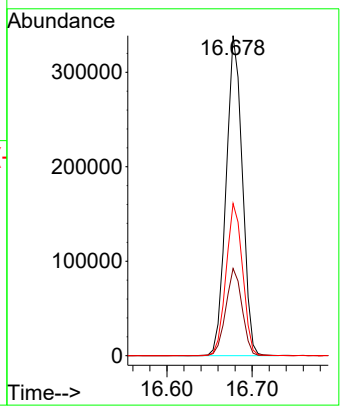




#69
Atrazine
Concen: 39.965 ng
RT: 16.678 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:200 Resp: 44869

Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.2	48.2
215	47.5	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

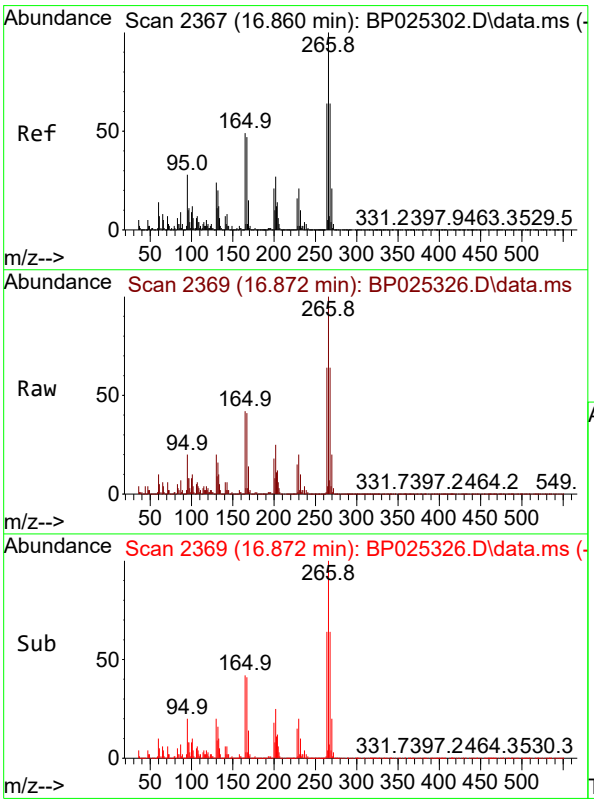
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

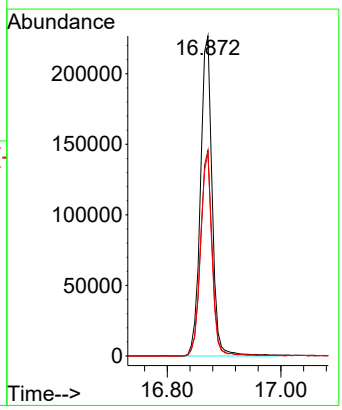
08/11/2025

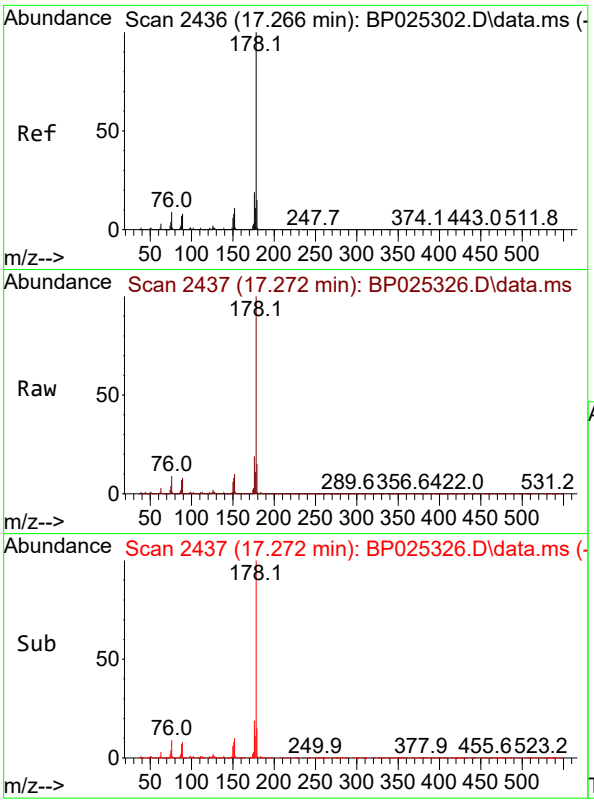


#70
Pentachlorophenol
Concen: 42.838 ng
RT: 16.872 min Scan# 2369
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:266 Resp: 323077

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	63.6	51.1	76.7

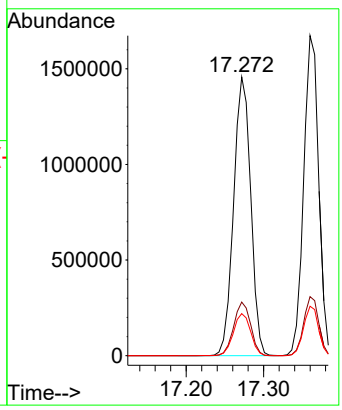




#71
Phenanthrene
Concen: 39.028 ng
RT: 17.272 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:178 Resp: 224130

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

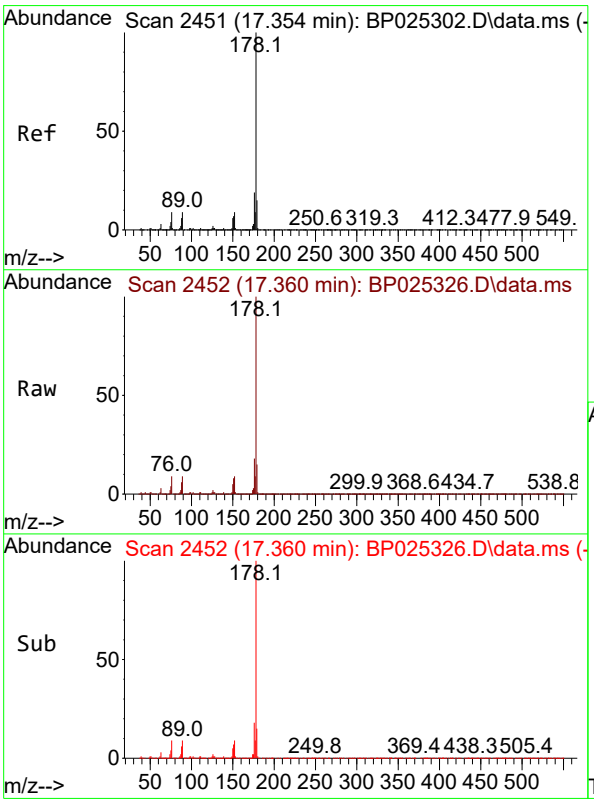
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

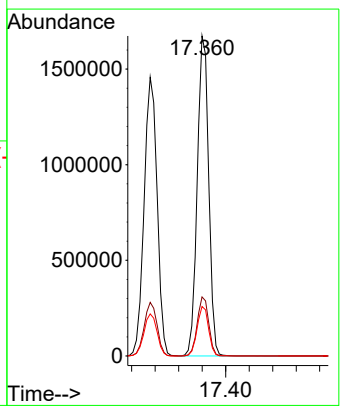
08/11/2025

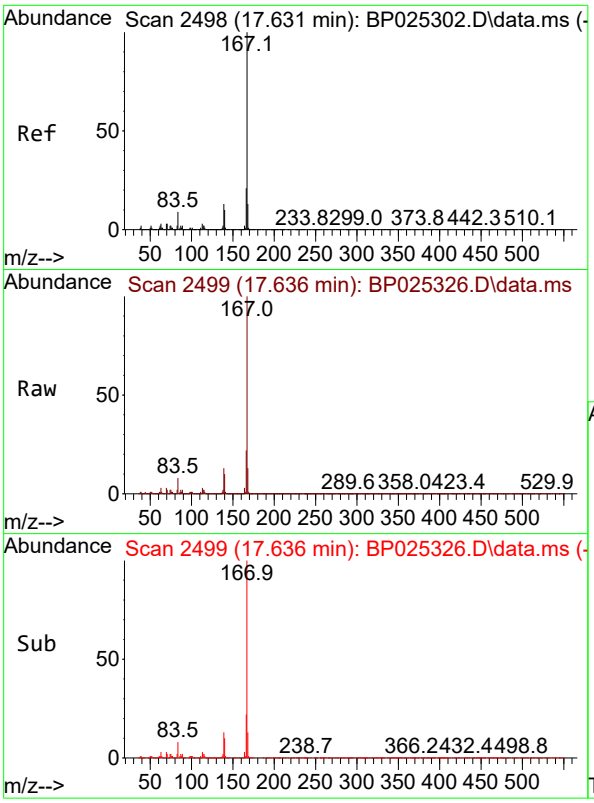


#72
Anthracene
Concen: 38.917 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:178 Resp: 2253461

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.3	18.5

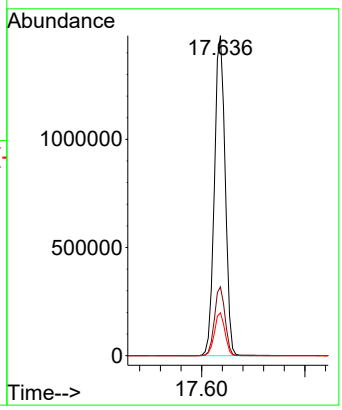




#73
Carbazole
Concen: 38.364 ng
RT: 17.636 min Scan# 24
Delta R.T. 0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:167 Resp: 213242

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

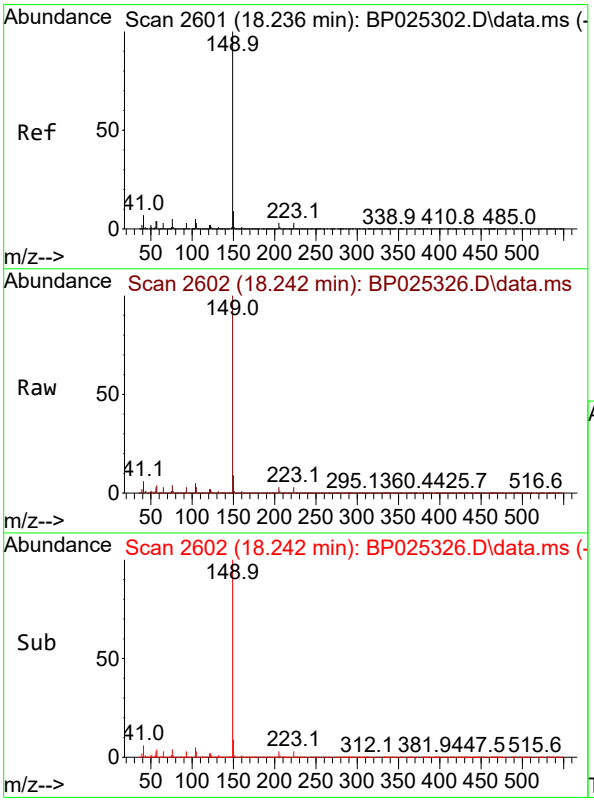
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

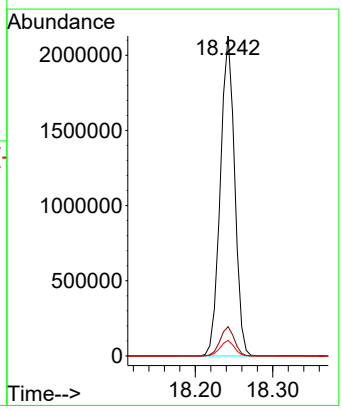
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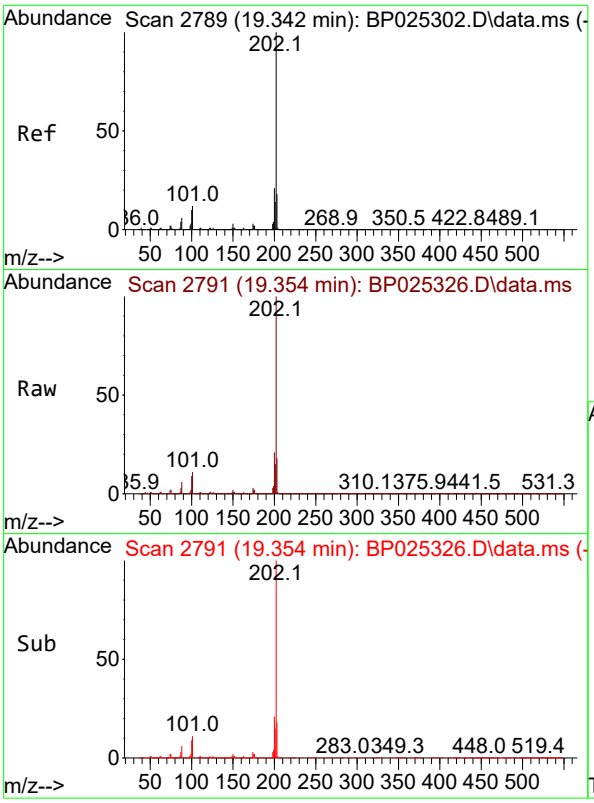


#74
Di-n-butylphthalate
Concen: 40.553 ng
RT: 18.242 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:149 Resp: 2726922

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1





#75
Fluoranthene
Concen: 38.610 ng
RT: 19.354 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:202 Resp: 256680

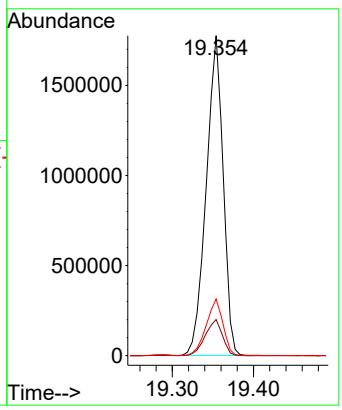
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.5
203	17.7	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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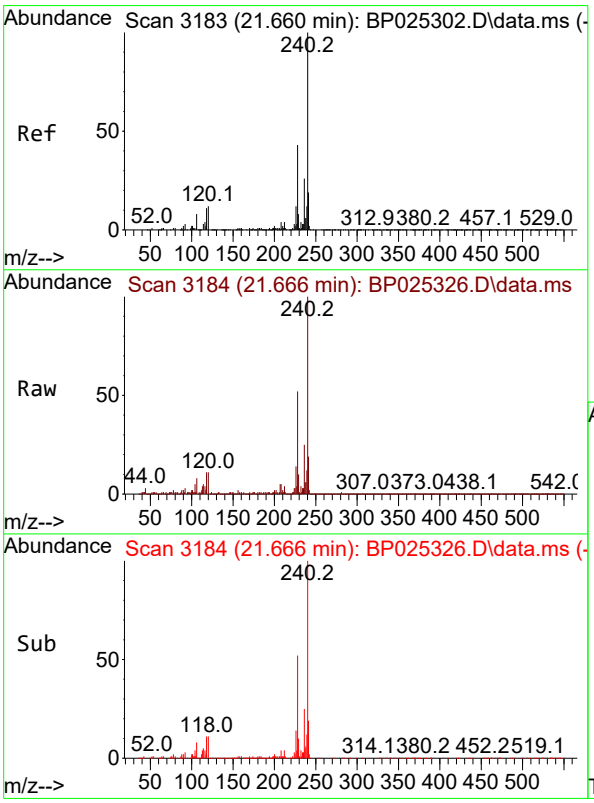
Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

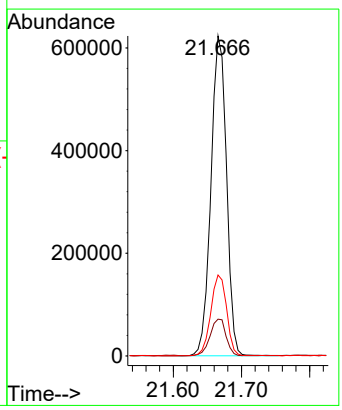
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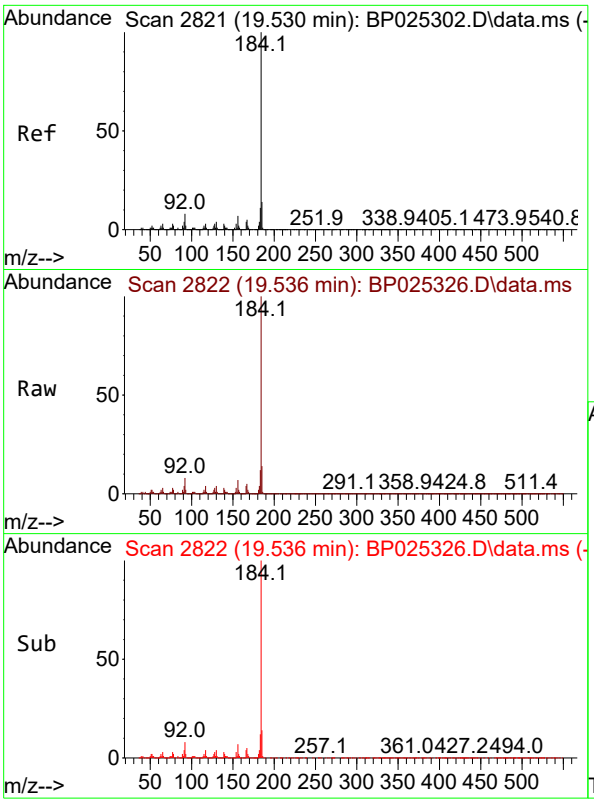


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:240 Resp: 989888

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	25.3	20.4	30.6

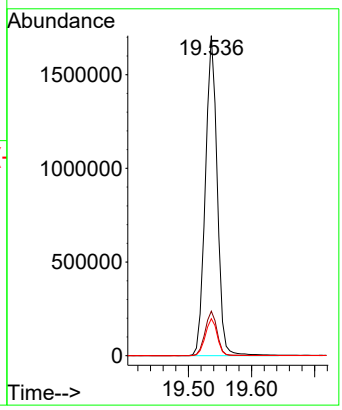




#77
Benzidine
Concen: 62.093 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:184 Resp: 222468

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.6
183	11.6	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

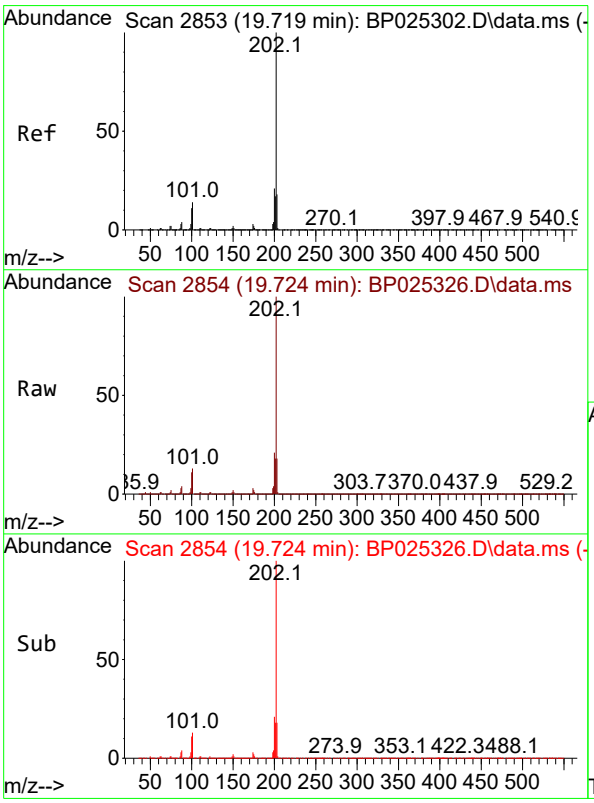
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Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

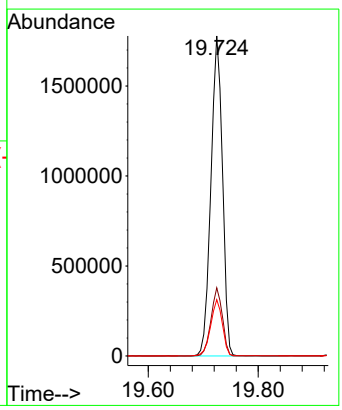
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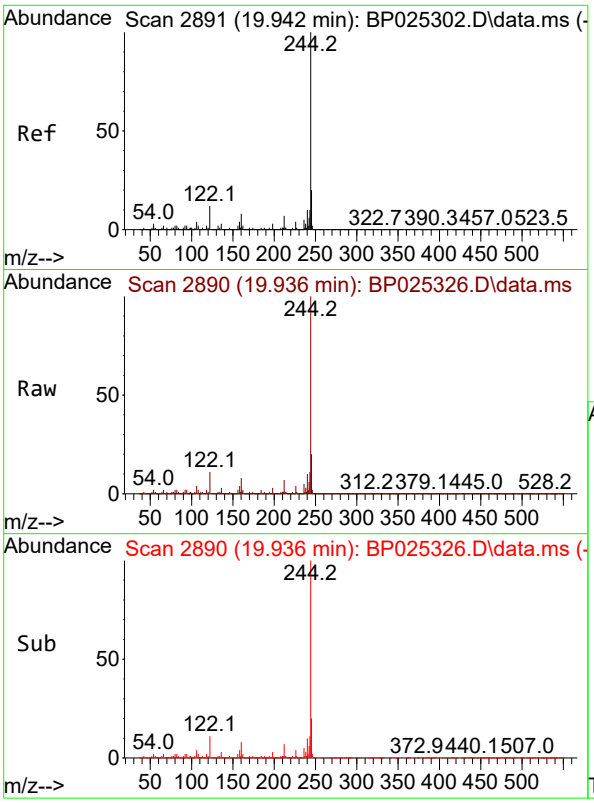


#78
Pyrene
Concen: 39.457 ng
RT: 19.724 min Scan# 2854
Delta R.T. 0.005 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:202 Resp: 2597289

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.6	14.1	21.1

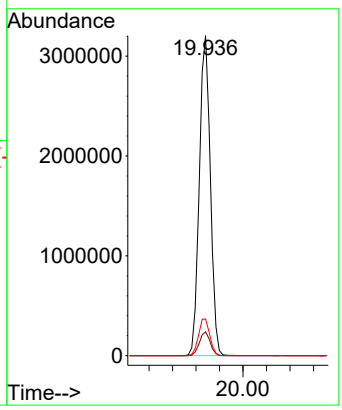




#79
Terphenyl-d14
Concen: 79.712 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:244 Resp: 417760

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.5	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

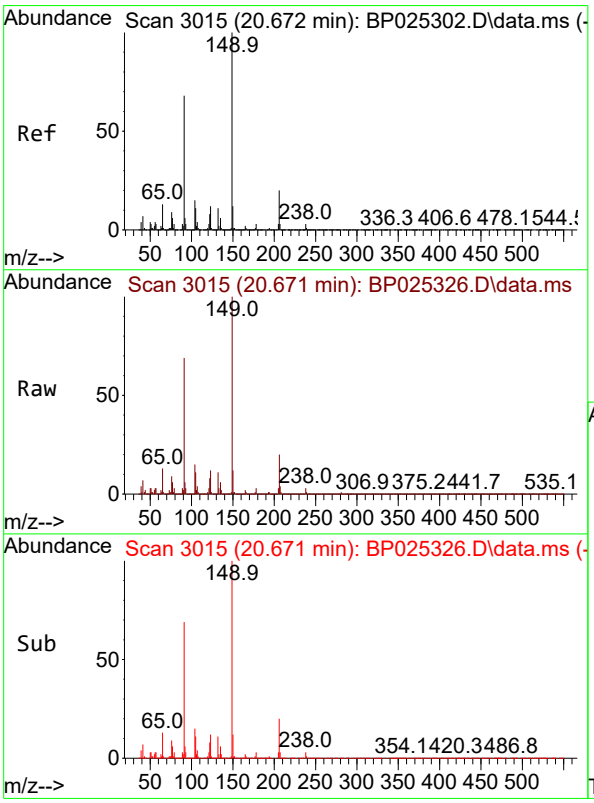
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Reviewed By :Rahul Chavli

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Supervised By :Jagrut Upadhyay

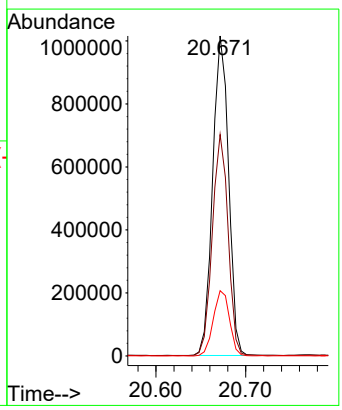
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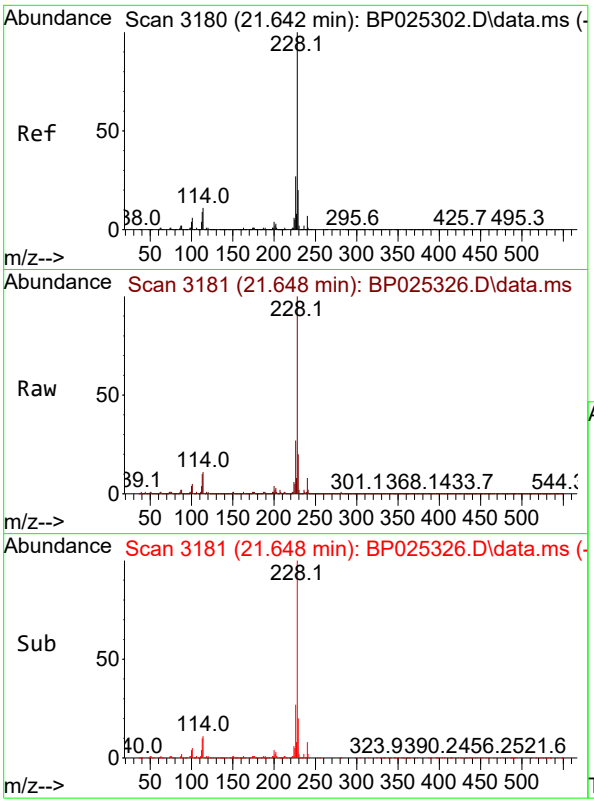


#80
Butylbenzylphthalate
Concen: 46.812 ng
RT: 20.671 min Scan# 3015
Delta R.T. -0.001 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:149 Resp: 1249709

Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.7	82.1
206	20.4	16.4	24.6





#81
Benzo(a)anthracene
Concen: 38.946 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:228 Resp: 256192

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.9	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

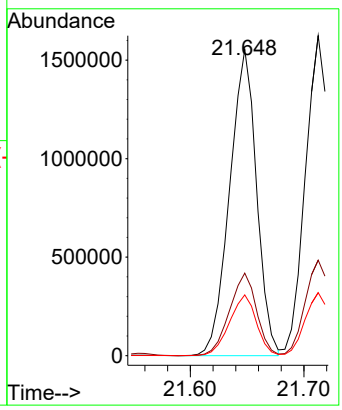
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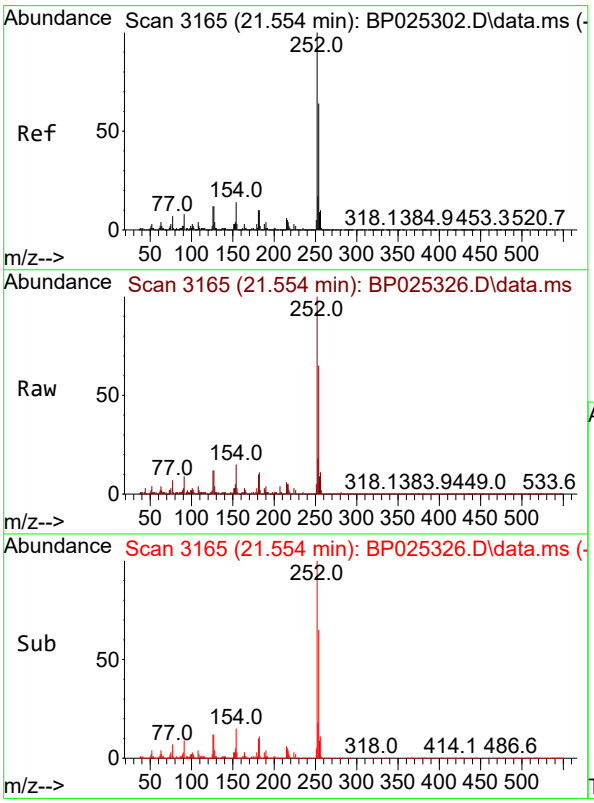
Reviewed By :Rahul Chavli

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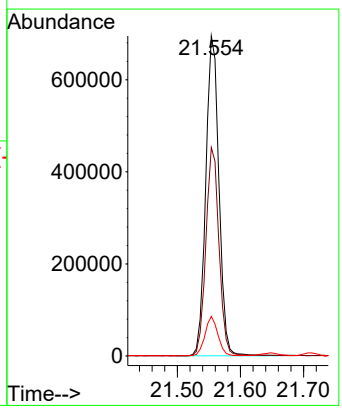


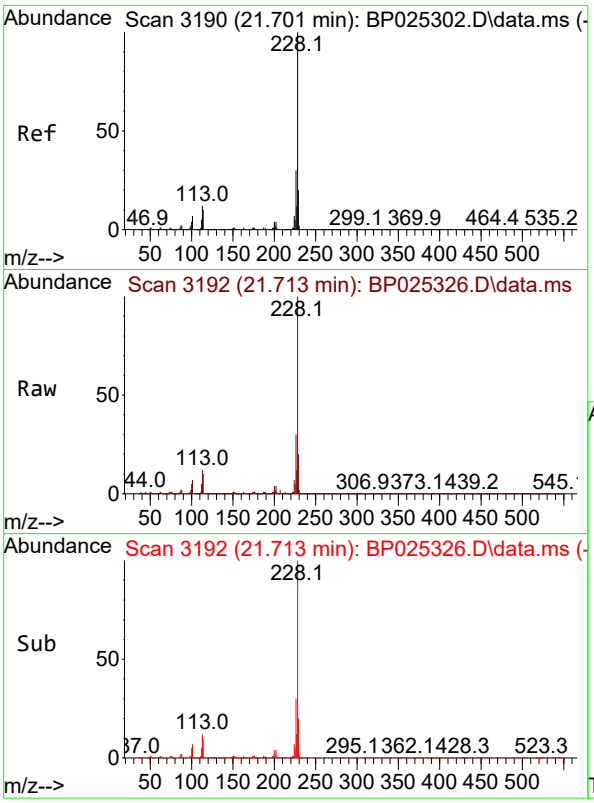


#82
3,3'-Dichlorobenzidine
Concen: 43.314 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:252 Resp: 1005276

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.6
126	12.3	9.4	14.2

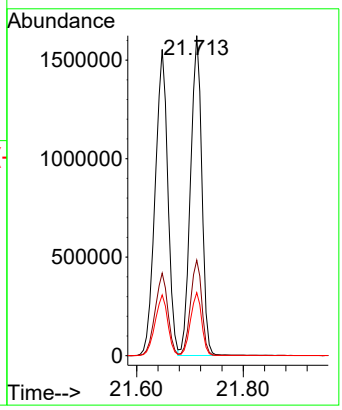




#83
Chrysene
Concen: 39.131 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:228 Resp: 238748

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.7	15.9	23.9



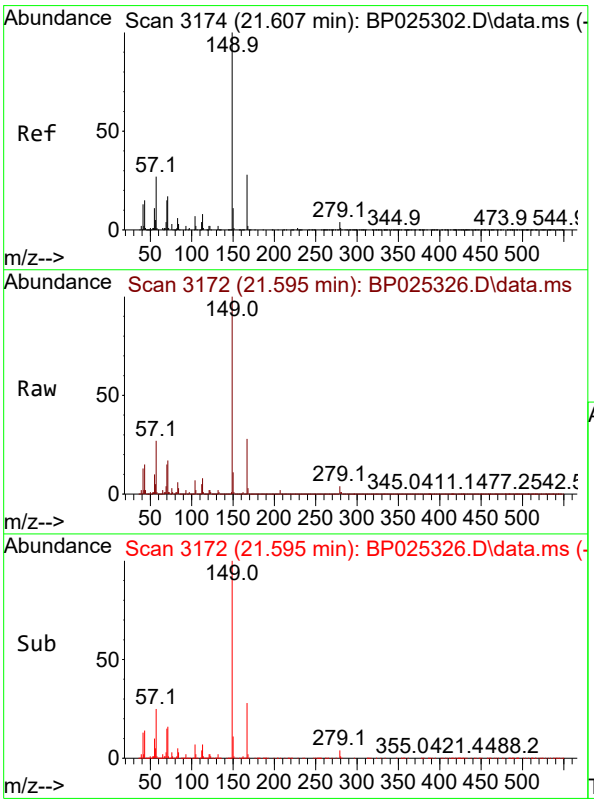
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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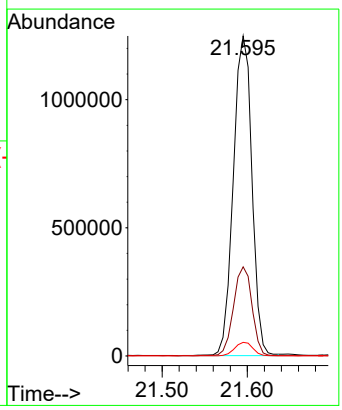
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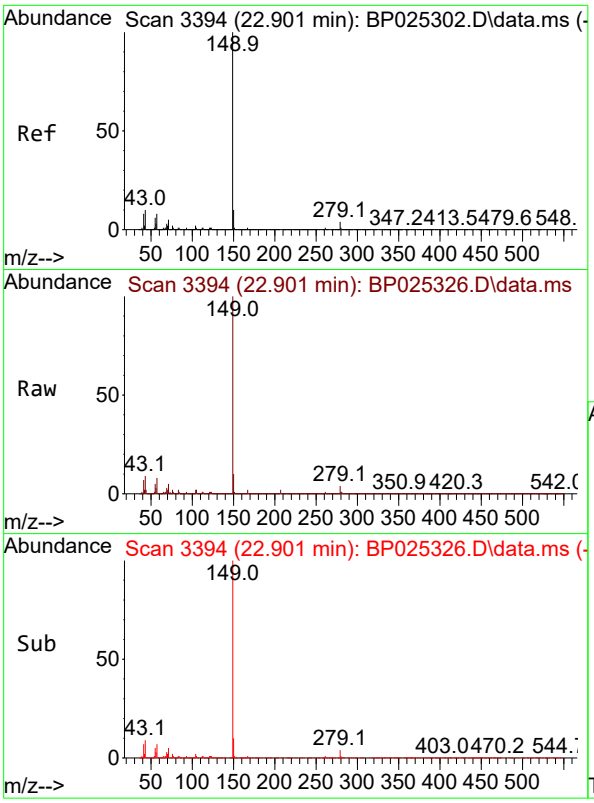


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.366 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:149 Resp: 1891251

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.2	3.4	5.2

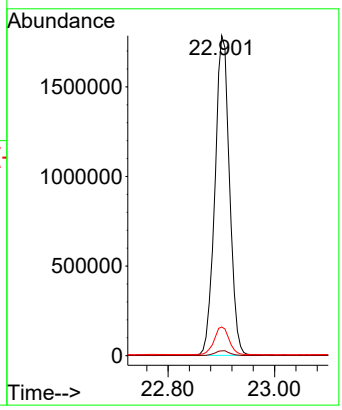




#85
Di-n-octyl phthalate
Concen: 47.602 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:149 Resp: 339649

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

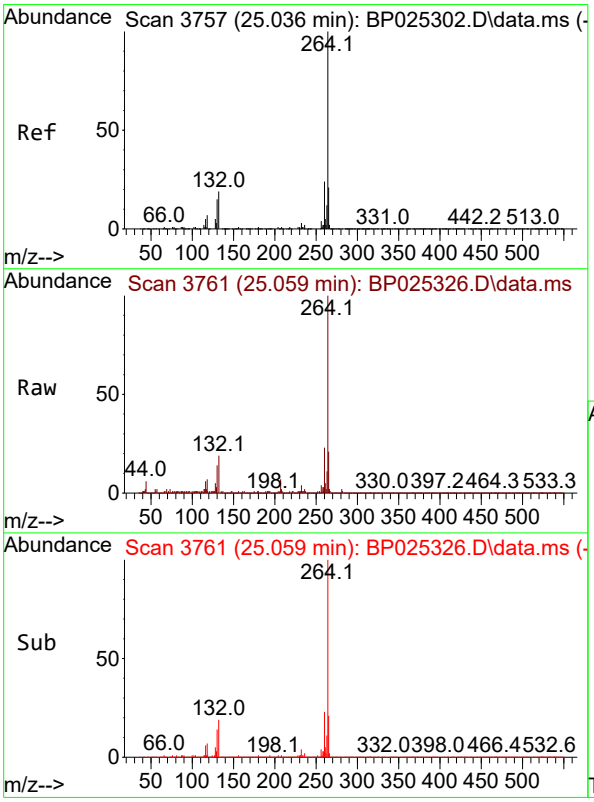
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Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

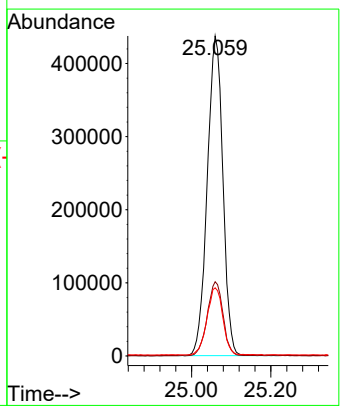
08/11/2025

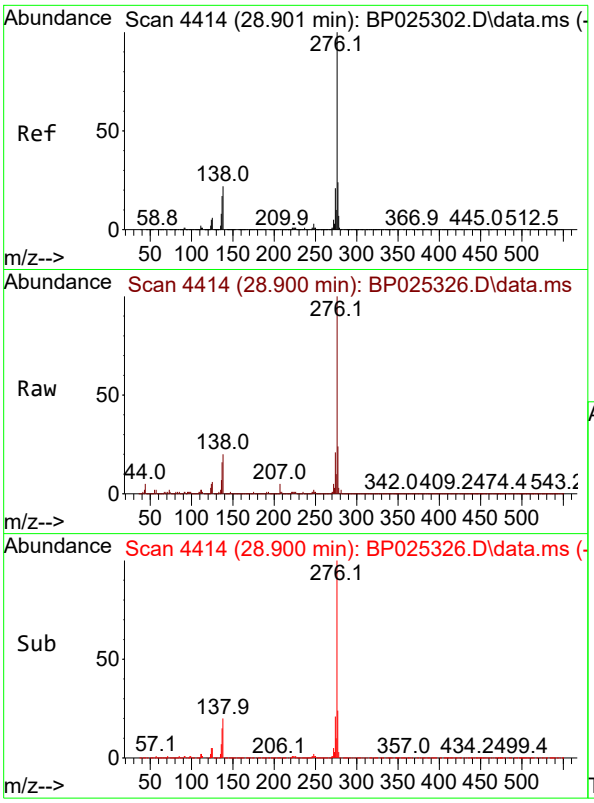


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.059 min Scan# 3761
Delta R.T. 0.023 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:264 Resp: 1196041

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.1	25.7

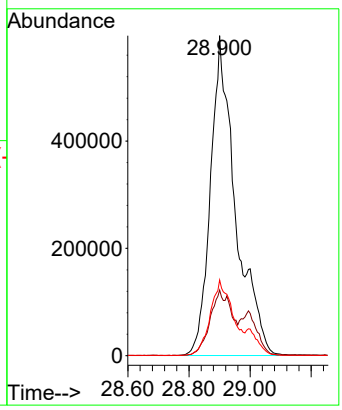




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.580 ng m
RT: 28.900 min Scan# 4
Delta R.T. -0.001 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:276 Resp: 339311

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.6	22.0
277	21.2	16.8	25.2



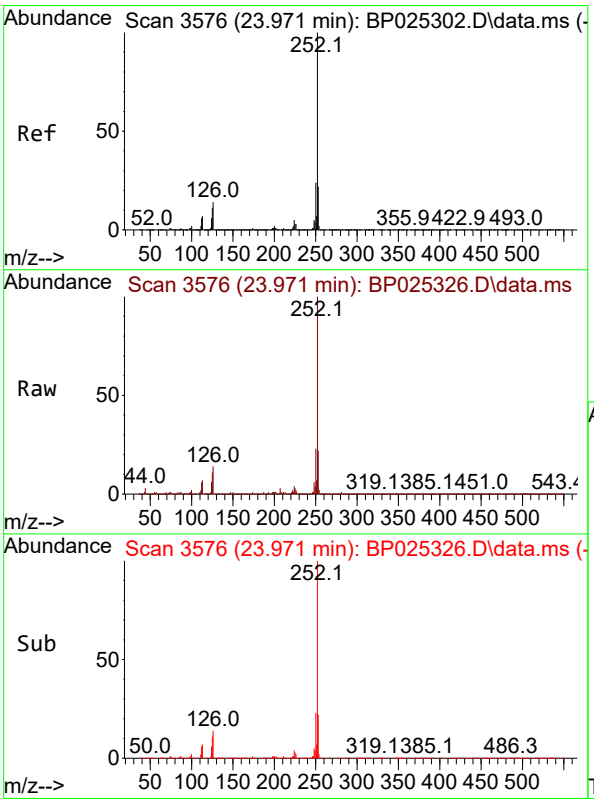
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025
Supervised By :Jagrut Upadhyay

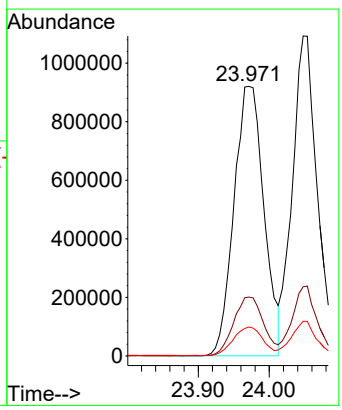
08/11/2025

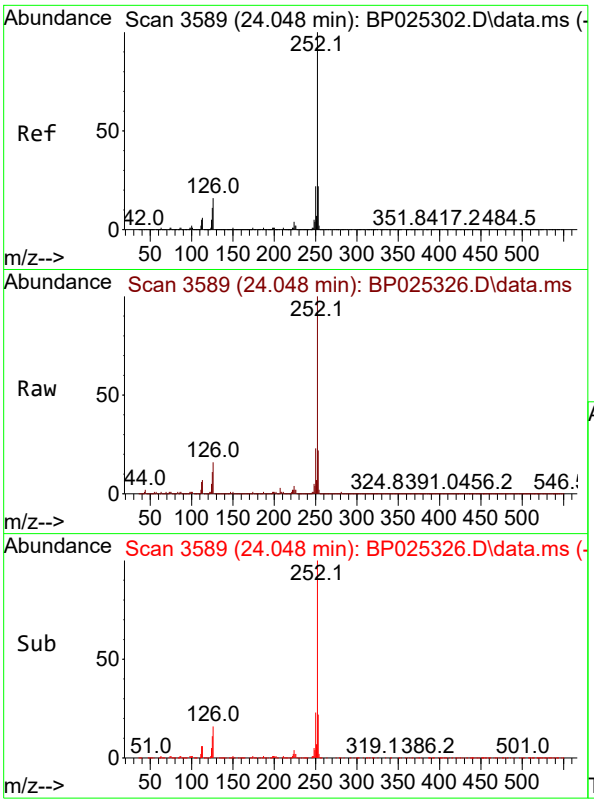


#88
Benzo(b)fluoranthene
Concen: 37.772 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:252 Resp: 2704358

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.7	8.5	12.7

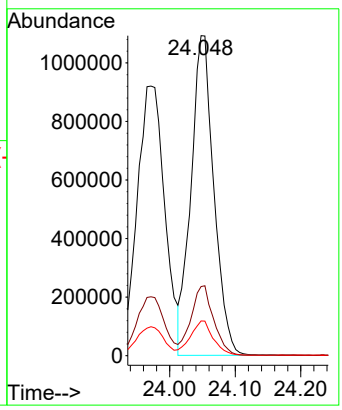




#89
Benzo(k)fluoranthene
Concen: 37.321 ng
RT: 24.048 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:252 Resp: 264892

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.9	8.5	12.7



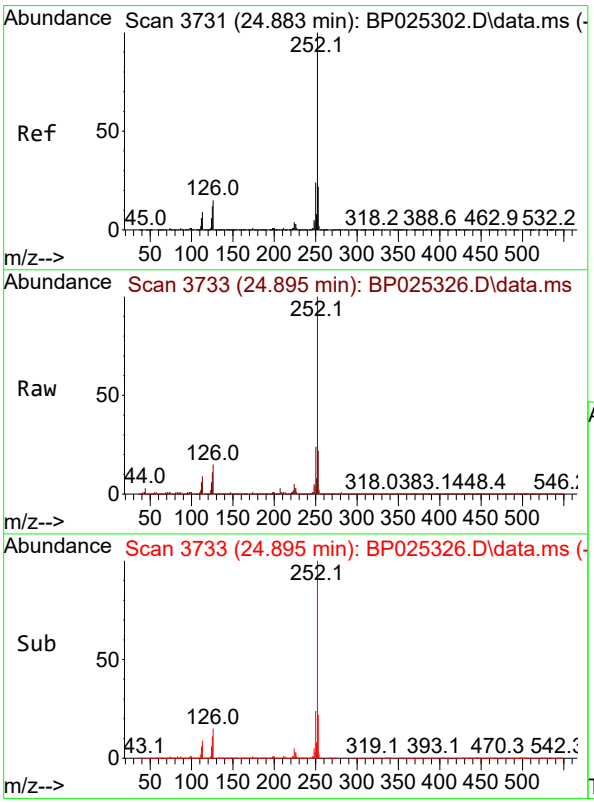
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025
Supervised By :Jagrut Upadhyay

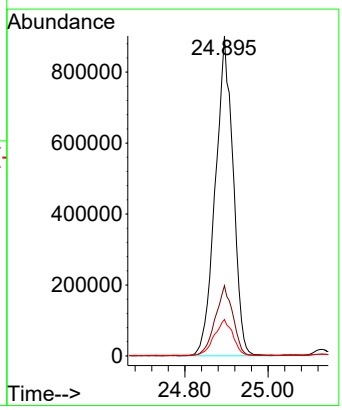
08/11/2025

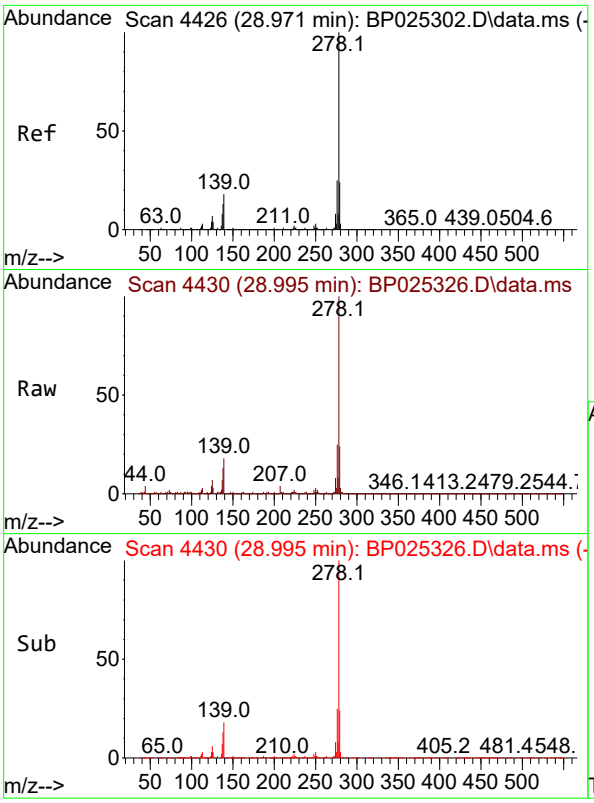


#90
Benzo(a)pyrene
Concen: 38.786 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:252 Resp: 2674274

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	9.4	14.0

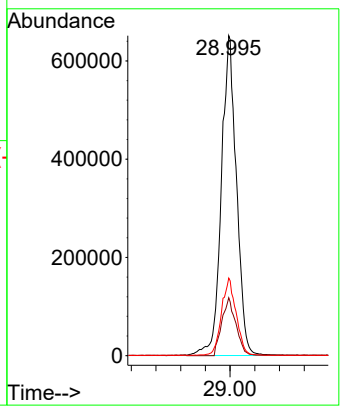




#91
Dibenzo(a,h)anthracene
Concen: 39.446 ng
RT: 28.995 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:278 Resp: 276951

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	24.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

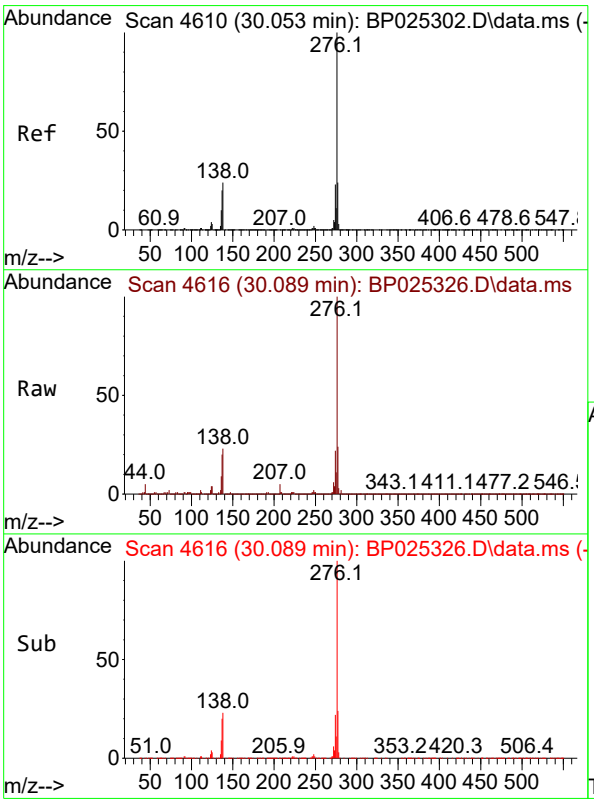
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/11/2025

Supervised By :Jagrut Upadhyay

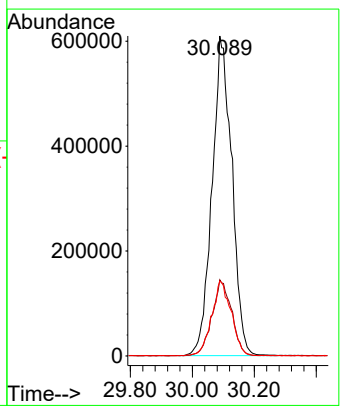
08/11/2025



#92
Benzo(g,h,i)perylene
Concen: 39.142 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.036 min
Lab File: BP025326.D
Acq: 08 Aug 2025 10:15

Tgt Ion:276 Resp: 2697139

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	23.4	19.1	28.7



Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	119	0.00
2		1,4-Dioxane	0.491	0.463	5.7	115	0.00
3		Pyridine	1.363	1.218	10.6	108	0.00
4		n-Nitrosodimethylamine	0.633	0.541	14.5	105	0.00
5	S	2-Fluorophenol	1.244	1.183	4.9	114	0.00
6		Aniline	2.247	2.010	10.5	108	0.00
7	S	Phenol-d6	1.637	1.479	9.7	108	0.00
8		2-Chlorophenol	1.361	1.316	3.3	116	0.00
9		Benzaldehyde	1.162	1.389	-19.5	118	0.00
10	C	Phenol	1.751	1.552	11.4	107	0.00
11		bis(2-Chloroethyl)ether	1.372	1.261	8.1	112	0.00
12		1,3-Dichlorobenzene	1.529	1.468	4.0	119	0.00
13	C	1,4-Dichlorobenzene	1.547	1.491	3.6	118	0.00
14		1,2-Dichlorobenzene	1.499	1.422	5.1	117	0.00
15		Benzyl Alcohol	1.269	1.130	11.0	108	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.824	15.8	103	0.00
17		2-Methylphenol	1.172	1.066	9.0	108	0.00
18		Hexachloroethane	0.553	0.547	1.1	121	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	0.940	12.6	104	0.00
20		3+4-Methylphenols	1.613	1.435	11.0	108	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22		Acetophenone	0.502	0.465	7.4	105	0.00
23	S	Nitrobenzene-d5	0.361	0.373	-3.3	111	0.00
24		Nitrobenzene	0.342	0.334	2.3	108	0.00
25		Isophorone	0.719	0.652	9.3	101	0.00
26	C	2-Nitrophenol	0.126	0.159	-26.2#	138	0.00
27		2,4-Dimethylphenol	0.331	0.303	8.5	104	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.414	5.3	107	0.00
29	C	2,4-Dichlorophenol	0.290	0.291	-0.3	109	0.00
30		1,2,4-Trichlorobenzene	0.320	0.320	0.0	114	0.00
31		Naphthalene	1.038	0.990	4.6	108	0.00
32		Benzoic acid	0.168	0.193	-14.9	127	0.00
33		4-Chloroaniline	0.462	0.430	6.9	104	0.00
34	C	Hexachlorobutadiene	0.184	0.192	-4.3	118	0.00
35		Caprolactam	0.113	0.093	17.7	90	0.00
36	C	4-Chloro-3-methylphenol	0.336	0.306	8.9	100	0.00
37		2-Methylnaphthalene	0.672	0.615	8.5	104	0.00
38		1-Methylnaphthalene	0.701	0.644	8.1	104	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.546	0.556	-1.8	106	0.00
41	P	Hexachlorocyclopentadiene	0.337	0.389	-15.4	122	0.00
42	S	2,4,6-Tribromophenol	0.200	0.213	-6.5	104	0.01
43	C	2,4,6-Trichlorophenol	0.353	0.378	-7.1	107	0.00
44		2,4,5-Trichlorophenol	0.396	0.402	-1.5	101	0.00
45	S	2-Fluorobiphenyl	1.448	1.428	1.4	103	0.00
46		1,1'-Biphenyl	1.474	1.461	0.9	105	0.00
47		2-Chloronaphthalene	1.124	1.102	2.0	104	0.00

Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	0.288	0.306	-6.3	103	0.00
49		Acenaphthylene	1.876	1.819	3.0	101	0.00
50		Dimethylphthalate	1.458	1.356	7.0	98	0.00
51		2,6-Dinitrotoluene	0.269	0.279	-3.7	101	0.00
52	C	Acenaphthene	1.144	1.107	3.2	103	0.00
53		3-Nitroaniline	0.315	0.322	-2.2	100	0.00
54	P	2,4-Dinitrophenol	0.105	0.123	-17.1	134	0.01
55		Dibenzofuran	1.710	1.630	4.7	101	0.00
56	P	4-Nitrophenol	0.278	0.263	5.4	96	0.01
57		2,4-Dinitrotoluene	0.359	0.382	-6.4	102	0.00
58		Fluorene	1.343	1.253	6.7	99	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.333	-0.6	101	0.00
60		Diethylphthalate	1.470	1.325	9.9	96	0.00
61		4-Chlorophenyl-phenylether	0.637	0.612	3.9	101	0.00
62		4-Nitroaniline	0.312	0.314	-0.6	96	0.00
63		Azobenzene	1.366	1.240	9.2	95	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	0.080	0.099	-23.8	126	0.00
66	c	n-Nitrosodiphenylamine	0.609	0.601	1.3	95	0.00
67		4-Bromophenyl-phenylether	0.201	0.208	-3.5	100	0.00
68		Hexachlorobenzene	0.226	0.230	-1.8	100	0.00
69		Atrazine	0.214	0.214	0.0	96	0.01
70	C	Pentachlorophenol	0.144	0.154	-6.9	102	0.01
71		Phenanthrene	1.095	1.069	2.4	95	0.00
72		Anthracene	1.105	1.075	2.7	94	0.00
73		Carbazole	1.060	1.017	4.1	92	0.00
74		Di-n-butylphthalate	1.283	1.300	-1.3	96	0.00
75	C	Fluoranthene	1.268	1.224	3.5	93	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77		Benzidine	0.724	1.124	-55.2#	104	0.00
78		Pyrene	1.330	1.312	1.4	92	0.00
79	S	Terphenyl-d14	1.059	1.055	0.4	91	0.00
80		Butylbenzylphthalate	0.539	0.631	-17.1	101	0.00
81		Benzo(a)anthracene	1.329	1.294	2.6	90	0.00
82		3,3'-Dichlorobenzidine	0.469	0.508	-8.3	97	0.00
83		Chrysene	1.233	1.206	2.2	89	0.01
84		Bis(2-ethylhexyl)phthalate	0.861	0.955	-10.9	97	-0.01
85	c	Di-n-octyl phthalate	1.442	1.716	-19.0	103	0.00
86	I	Perylene-d12	1.000	1.000	0.0	95	0.02
87		Indeno(1,2,3-cd)pyrene	1.434	1.418	1.1	93	0.00
88		Benzo(b)fluoranthene	1.197	1.131	5.5	91	0.00
89		Benzo(k)fluoranthene	1.187	1.107	6.7	89	0.00
90	C	Benzo(a)pyrene	1.153	1.118	3.0	92	0.01
91		Dibenzo(a,h)anthracene	1.174	1.158	1.4	92	0.02
92		Benzo(g,h,i)perylene	1.152	1.128	2.1	92	0.04

Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	119	0.00
2		1,4-Dioxane	40.000	37.744	5.6	115	0.00
3		Pyridine	40.000	35.734	10.7	108	0.00
4		n-Nitrosodimethylamine	40.000	34.172	14.6	105	0.00
5	S	2-Fluorophenol	80.000	76.114	4.9	114	0.00
6		Aniline	40.000	35.795	10.5	108	0.00
7	S	Phenol-d6	80.000	72.295	9.6	108	0.00
8		2-Chlorophenol	40.000	38.664	3.3	116	0.00
9		Benzaldehyde	40.000	47.805	-19.5	118	0.00
10	C	Phenol	40.000	35.449	11.4	107	0.00
11		bis(2-Chloroethyl)ether	40.000	36.768	8.1	112	0.00
12		1,3-Dichlorobenzene	40.000	38.391	4.0	119	0.00
13	C	1,4-Dichlorobenzene	40.000	38.546	3.6	118	0.00
14		1,2-Dichlorobenzene	40.000	37.957	5.1	117	0.00
15		Benzyl Alcohol	40.000	35.616	11.0	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.660	15.9	103	0.00
17		2-Methylphenol	40.000	36.388	9.0	108	0.00
18		Hexachloroethane	40.000	39.538	1.2	121	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.950	12.6	104	0.00
20		3+4-Methylphenols	40.000	35.579	11.1	108	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22		Acetophenone	40.000	37.077	7.3	105	0.00
23	S	Nitrobenzene-d5	80.000	82.581	-3.2	111	0.00
24		Nitrobenzene	40.000	39.118	2.2	108	0.00
25		Isophorone	40.000	36.275	9.3	101	0.00
26	C	2-Nitrophenol	40.000	43.187	-8.0	138	0.00
27		2,4-Dimethylphenol	40.000	36.530	8.7	104	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.912	5.2	107	0.00
29	C	2,4-Dichlorophenol	40.000	40.082	-0.2	109	0.00
30		1,2,4-Trichlorobenzene	40.000	39.999	0.0	114	0.00
31		Naphthalene	40.000	38.158	4.6	108	0.00
32		Benzoic acid	40.000	42.801	-7.0	127	0.00
33		4-Chloroaniline	40.000	37.219	7.0	104	0.00
34	C	Hexachlorobutadiene	40.000	41.702	-4.3	118	0.00
35		Caprolactam	40.000	33.213	17.0	90	0.00
36	C	4-Chloro-3-methylphenol	40.000	36.473	8.8	100	0.00
37		2-Methylnaphthalene	40.000	36.592	8.5	104	0.00
38		1-Methylnaphthalene	40.000	36.759	8.1	104	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.736	-1.8	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.179	-15.4	122	0.00
42	S	2,4,6-Tribromophenol	80.000	85.536	-6.9	104	0.01
43	C	2,4,6-Trichlorophenol	40.000	42.850	-7.1	107	0.00
44		2,4,5-Trichlorophenol	40.000	40.675	-1.7	101	0.00
45	S	2-Fluorobiphenyl	80.000	78.893	1.4	103	0.00
46		1,1'-Biphenyl	40.000	39.644	0.9	105	0.00
47		2-Chloronaphthalene	40.000	39.216	2.0	104	0.00

Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.795	5.5	103	0.00
49		Acenaphthylene	40.000	38.783	3.0	101	0.00
50		Dimethylphthalate	40.000	37.202	7.0	98	0.00
51		2,6-Dinitrotoluene	40.000	41.572	-3.9	101	0.00
52	C	Acenaphthene	40.000	38.713	3.2	103	0.00
53		3-Nitroaniline	40.000	40.941	-2.4	100	0.00
54	P	2,4-Dinitrophenol	40.000	45.329	-13.3	134	0.01
55		Dibenzofuran	40.000	38.127	4.7	101	0.00
56	P	4-Nitrophenol	40.000	37.847	5.4	96	0.01
57		2,4-Dinitrotoluene	40.000	37.428	6.4	102	0.00
58		Fluorene	40.000	37.318	6.7	99	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.341	-0.9	101	0.00
60		Diethylphthalate	40.000	36.065	9.8	96	0.00
61		4-Chlorophenyl-phenylether	40.000	38.445	3.9	101	0.00
62		4-Nitroaniline	40.000	40.264	-0.7	96	0.00
63		Azobenzene	40.000	36.326	9.2	95	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.566	-13.9	126	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.469	1.3	95	0.00
67		4-Bromophenyl-phenylether	40.000	41.303	-3.3	100	0.00
68		Hexachlorobenzene	40.000	40.812	-2.0	100	0.00
69		Atrazine	40.000	39.965	0.1	96	0.01
70	C	Pentachlorophenol	40.000	42.838	-7.1	102	0.01
71		Phenanthrene	40.000	39.028	2.4	95	0.00
72		Anthracene	40.000	38.917	2.7	94	0.00
73		Carbazole	40.000	38.364	4.1	92	0.00
74		Di-n-butylphthalate	40.000	40.553	-1.4	96	0.00
75	C	Fluoranthene	40.000	38.610	3.5	93	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	90	0.00
77		Benzidine	40.000	62.093	-55.2#	104	0.00
78		Pyrene	40.000	39.457	1.4	92	0.00
79	S	Terphenyl-d14	80.000	79.712	0.4	91	0.00
80		Butylbenzylphthalate	40.000	46.812	-17.0	101	0.00
81		Benzo(a)anthracene	40.000	38.946	2.6	90	0.00
82		3,3'-Dichlorobenzidine	40.000	43.314	-8.3	97	0.00
83		Chrysene	40.000	39.131	2.2	89	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.366	-10.9	97	-0.01
85	c	Di-n-octyl phthalate	40.000	47.602	-19.0	103	0.00
86	I	Perylene-d12	20.000	20.000	0.0	95	0.02
87		Indeno(1,2,3-cd)pyrene	40.000	39.580	1.1	93	0.00
88		Benzo(b)fluoranthene	40.000	37.772	5.6	91	0.00
89		Benzo(k)fluoranthene	40.000	37.321	6.7	89	0.00
90	C	Benzo(a)pyrene	40.000	38.786	3.0	92	0.01
91		Dibenzo(a,h)anthracene	40.000	39.446	1.4	92	0.02
92		Benzo(g,h,i)perylene	40.000	39.142	2.1	92	0.04

Sample Results: **BP025326.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 08 11:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/11/2025 11:08

Lab File ID: BP025343.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.237		-0.6	
Phenol-d6	1.637	1.492		-8.9	
Nitrobenzene-d5	0.361	0.389		7.8	
Naphthalene	1.038	1.037		-0.1	
2-Fluorobiphenyl	1.448	1.480		2.2	
Fluorene	1.343	1.371		2.1	
2,4,6-Tribromophenol	0.200	0.238		19.0	
Phenanthrene	1.095	1.120		2.3	
Anthracene	1.105	1.143		3.4	
Pyrene	1.330	1.327		-0.2	
Terphenyl-d14	1.059	1.092		3.1	
Benzo(a)anthracene	1.329	1.329		0.0	
Chrysene	1.233	1.262		2.4	
Benzo(b)fluoranthene	1.197	1.200		0.3	
Benzo(a)pyrene	1.153	1.183		2.6	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.485		3.6	
Benzo(g,h,i)perylene	1.152	1.200		4.2	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	216631	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	873095	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	558968	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1086110	20.000	ng		0.00
76) Chrysene-d12	21.654	240	1099613	20.000	ng		0.00
86) Perylene-d12	25.042	264	1235980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1071798	79.575	ng		0.00
7) Phenol-d6	6.966	99	1292618	72.921	ng		0.00
23) Nitrobenzene-d5	8.937	82	1358340	86.192	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	533118	95.603	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	3309943	81.789	ng		0.00
79) Terphenyl-d14	19.948	244	4803441	82.508	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	217058	40.837	ng		95
3) Pyridine	3.725	79	568431	38.493	ng		95
4) n-Nitrosodimethylamine	3.631	42	235666	34.374	ng		91
6) Aniline	7.125	93	893510	36.719	ng		98
8) 2-Chlorophenol	7.366	128	580077	39.345	ng		98
9) Benzaldehyde	6.943	77	535344	42.522	ng		98
10) Phenol	6.990	94	681278	35.920	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	551666	37.122	ng		96
12) 1,3-Dichlorobenzene	7.690	146	660931	39.897	ng		99
13) 1,4-Dichlorobenzene	7.831	146	666930	39.793	ng		99
14) 1,2-Dichlorobenzene	8.149	146	642581	39.578	ng		98
15) Benzyl Alcohol	8.025	79	484911	35.291	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.319	45	772801	32.919	ng		97
17) 2-Methylphenol	8.225	107	467274	36.820	ng		100
18) Hexachloroethane	8.872	117	243173	40.571	ng		96
19) n-Nitroso-di-n-propyla...	8.596	70	421313	36.175	ng		94
20) 3+4-Methylphenols	8.549	107	632190	36.176	ng		97
22) Acetophenone	8.608	105	859001	39.192	ng	#	96
24) Nitrobenzene	8.978	77	606716	40.670	ng		96
25) Isophorone	9.502	82	1203566	38.366	ng		99
26) 2-Nitrophenol	9.684	139	302389	46.643	ng		97
27) 2,4-Dimethylphenol	9.743	122	545557	37.721	ng		97
28) bis(2-Chloroethoxy)met...	9.978	93	737818	38.663	ng		99
29) 2,4-Dichlorophenol	10.213	162	521687	41.201	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	580371	41.546	ng		100
31) Naphthalene	10.619	128	1811027	39.957	ng		100
32) Benzoic acid	9.855	122	375993	46.273	ng		96
33) 4-Chloroaniline	10.713	127	776588	38.525	ng		99
34) Hexachlorobutadiene	10.913	225	343790	42.873	ng		98
35) Caprolactam	11.484	113	191704	39.027	ng		91
36) 4-Chloro-3-methylphenol	11.837	107	579237	39.535	ng		99
37) 2-Methylnaphthalene	12.225	142	1169979	39.881	ng		98
38) 1-Methylnaphthalene	12.443	142	1237086	40.414	ng		100
40) 1,2,4,5-Tetrachloroben...	12.596	216	642752	42.118	ng		99
41) Hexachlorocyclopentadiene	12.584	237	426707	45.304	ng		97
43) 2,4,6-Trichlorophenol	12.837	196	431164	43.736	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	476982	43.131	ng		99
46) 1,1'-Biphenyl	13.243	154	1654987	40.176	ng		99
47) 2-Chloronaphthalene	13.284	162	1284009	40.857	ng		98
48) 2-Nitroaniline	13.472	65	367171	40.385	ng		92
49) Acenaphthylene	14.131	152	2099523	40.051	ng		100
50) Dimethylphthalate	13.866	163	1614991	39.633	ng		100
51) 2,6-Dinitrotoluene	13.984	165	343079	45.646	ng		88
52) Acenaphthene	14.478	154	1320053	41.283	ng		100
53) 3-Nitroaniline	14.307	138	403138	45.838	ng		95
54) 2,4-Dinitrophenol	14.513	184	163906	50.859	ng	#	52
55) Dibenzofuran	14.819	168	1947016	40.746	ng		99
56) 4-Nitrophenol	14.619	139	308271	39.715	ng		93
57) 2,4-Dinitrotoluene	14.778	165	483211	41.915	ng		96
58) Fluorene	15.484	166	1532588	40.836	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	415315	44.958	ng		97
60) Diethylphthalate	15.254	149	1660802	40.427	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	733524	41.227	ng		97
62) 4-Nitroaniline	15.490	138	400872	46.001	ng		92
63) Azobenzene	15.784	77	1467744	38.459	ng		97
65) 4,6-Dinitro-2-methylph...	15.548	198	252665	51.208	ng		98
66) n-Nitrosodiphenylamine	15.695	169	1375450	41.592	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	461487	42.229	ng		98
68) Hexachlorobenzene	16.513	284	519543	42.370	ng		94
69) Atrazine	16.672	200	489042	42.051	ng		99
70) Pentachlorophenol	16.860	266	348264	44.579	ng		99
71) Phenanthrene	17.266	178	2432843	40.897	ng		99
72) Anthracene	17.354	178	2482165	41.382	ng		100
73) Carbazole	17.631	167	2344408	40.718	ng		100
74) Di-n-butylphthalate	18.248	149	2910329	41.782	ng		99
75) Fluoranthene	19.342	202	2776749	40.322	ng		99
77) Benzidine	19.536	184	1761683	44.264	ng		99
78) Pyrene	19.713	202	2917301	39.896	ng		100
80) Butylbenzylphthalate	20.672	149	1381650	46.590	ng		99
81) Benzo(a)anthracene	21.630	228	2922687	39.997	ng		100
82) 3,3'-Dichlorobenzidine	21.560	252	1089544	42.261	ng		99
83) Chrysene	21.707	228	2774830	40.942	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	2100204	44.352	ng		100
85) Di-n-octyl phthalate	22.901	149	3620050	45.673	ng		97
87) Indeno(1,2,3-cd)pyrene	28.889	276	3670614m	41.434	ng		
88) Benzo(b)fluoranthene	23.989	252	2967263	40.105	ng		99
89) Benzo(k)fluoranthene	24.054	252	2981203	40.646	ng		99
90) Benzo(a)pyrene	24.889	252	2924780	41.049	ng		99
91) Dibenzo(a,h)anthracene	28.971	278	3026310	41.711	ng		99
92) Benzo(g,h,i)perylene	30.083	276	2966546	41.661	ng		99

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

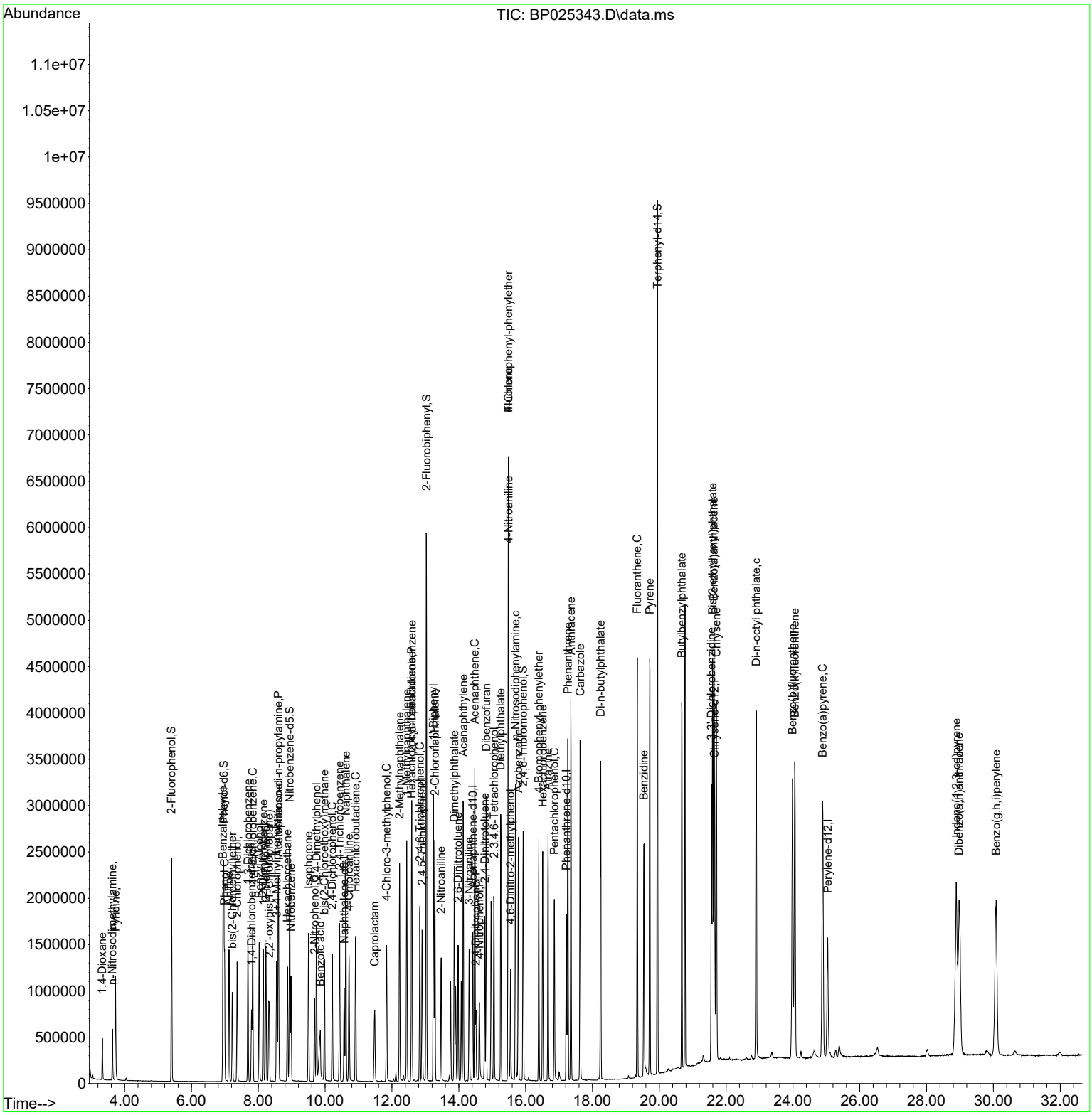
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

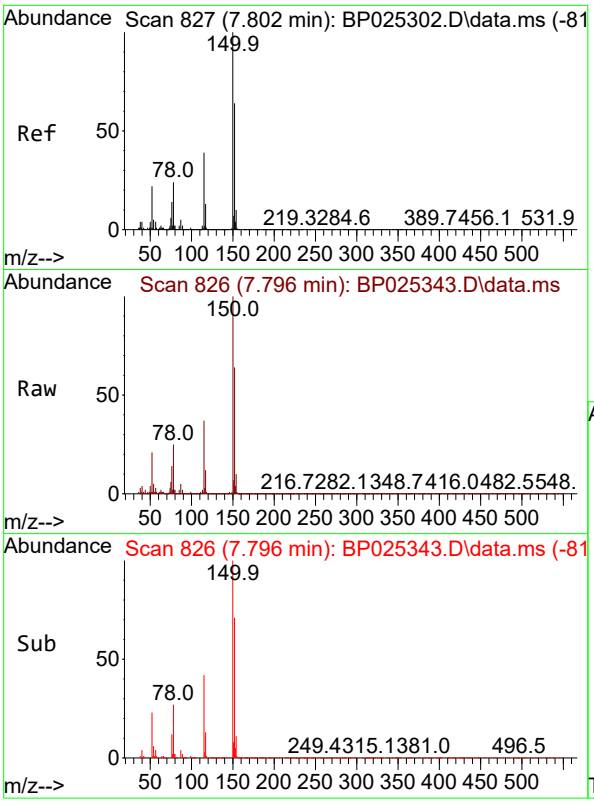
Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

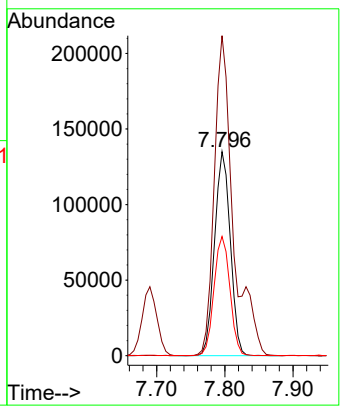




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:152 Resp: 21663

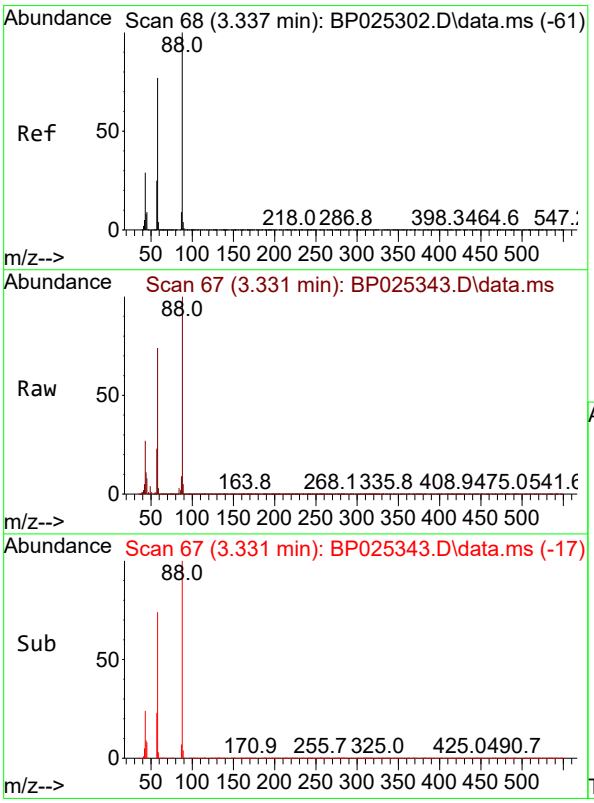
Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.1	187.7
115	58.5	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

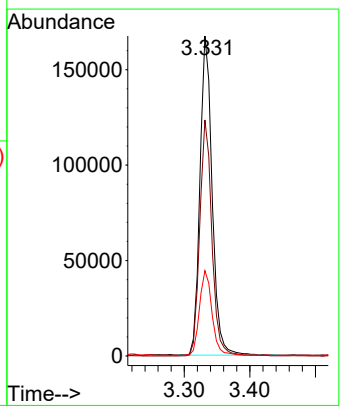
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

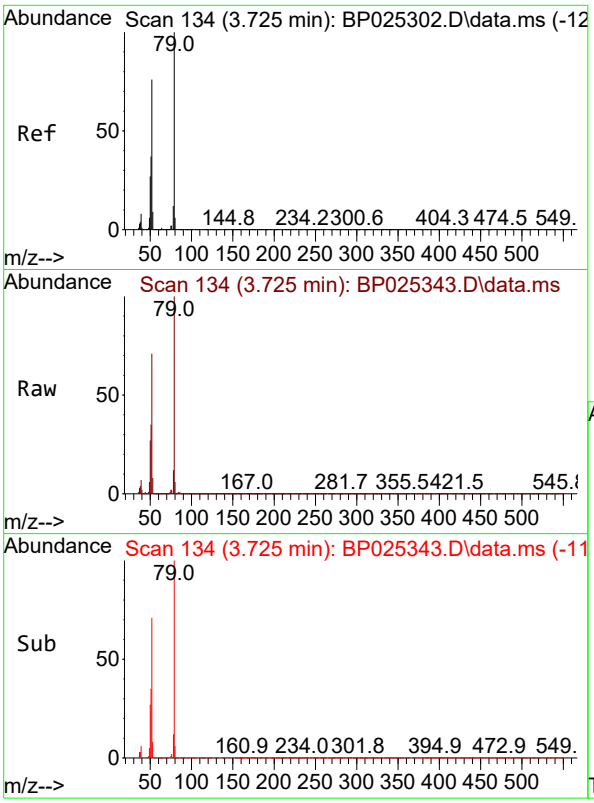


#2
1,4-Dioxane
Concen: 40.837 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 88 Resp: 217058

Ion	Ratio	Lower	Upper
88	100		
58	73.7	61.9	92.9
43	27.2	24.2	36.2

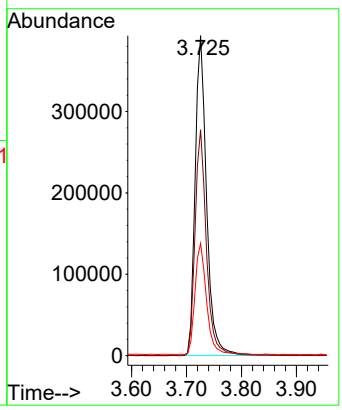




#3
Pyridine
Concen: 38.493 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 79 Resp: 56843

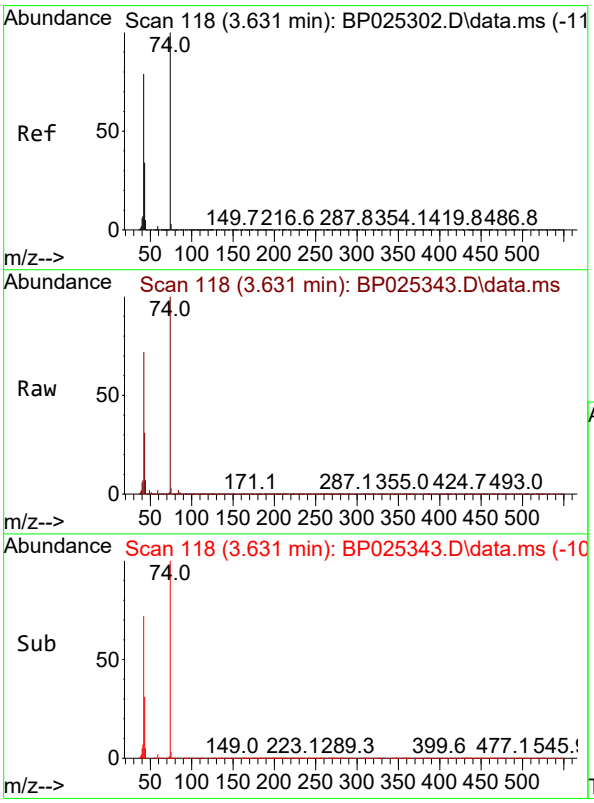
Ion	Ratio	Lower	Upper
79	100		
52	70.6	60.5	90.7
51	35.1	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

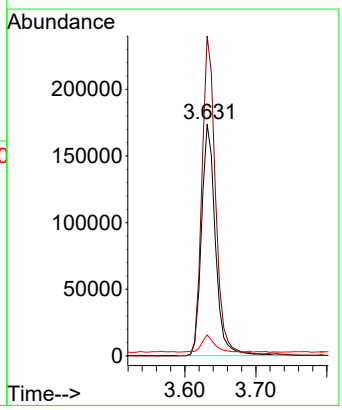
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

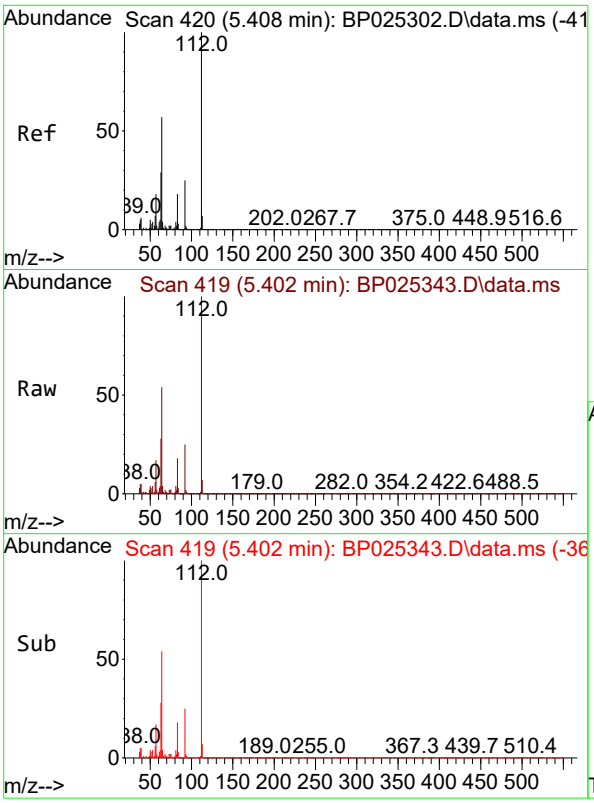


#4
n-Nitrosodimethylamine
Concen: 34.374 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 42 Resp: 235666

Ion	Ratio	Lower	Upper
42	100		
74	138.0	101.4	152.2
44	9.1	7.6	11.4





#5
2-Fluorophenol
Concen: 79.575 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

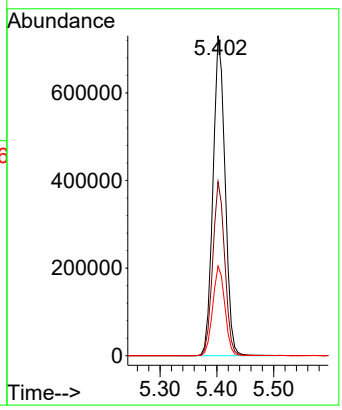
Tgt Ion:112 Resp: 107179

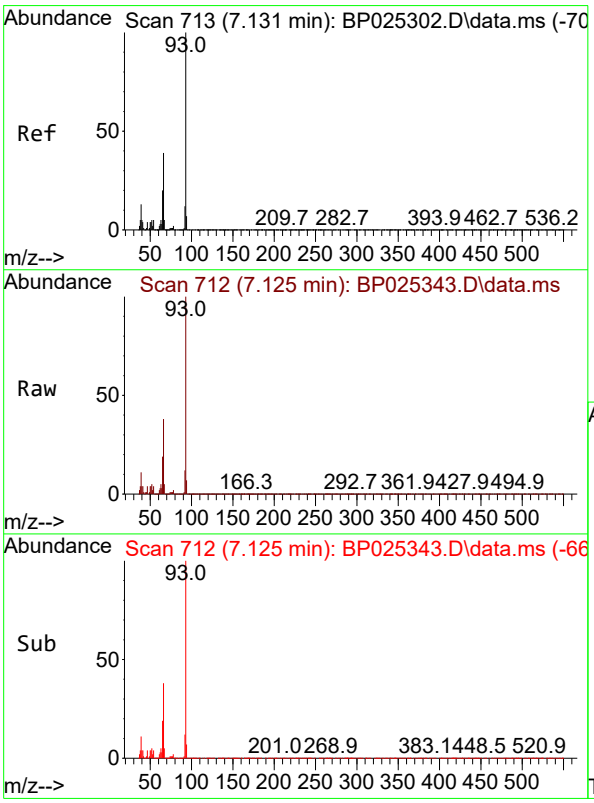
Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.3	67.9
63	28.0	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

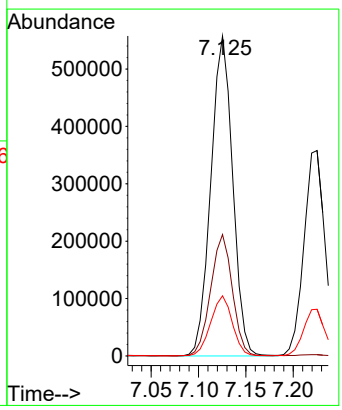


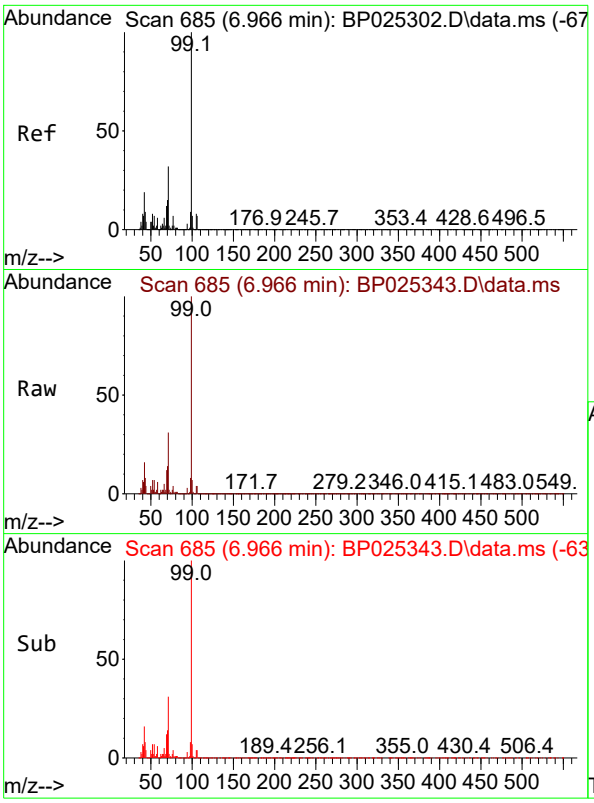


#6
Aniline
Concen: 36.719 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 93 Resp: 893510

Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.1	46.7
65	18.8	15.8	23.8

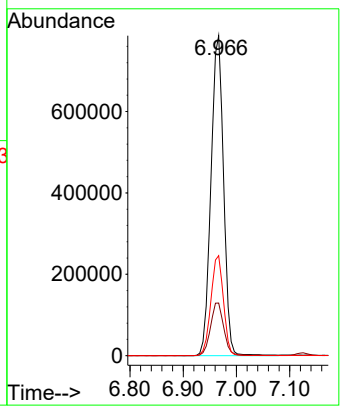




#7
Phenol-d6
Concen: 72.921 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 99 Resp: 129261

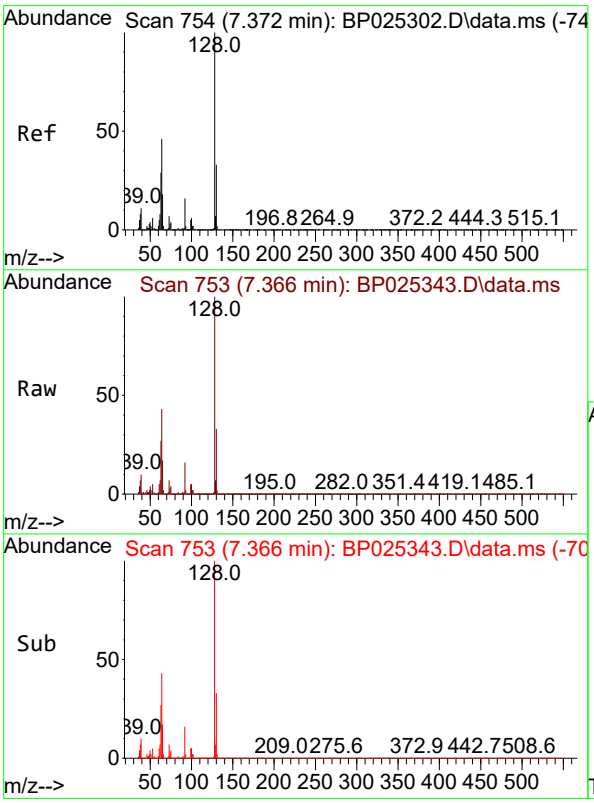
Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.6
71	31.3	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

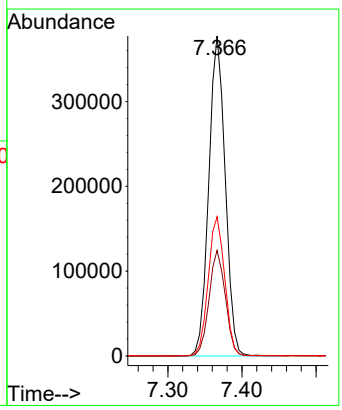
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

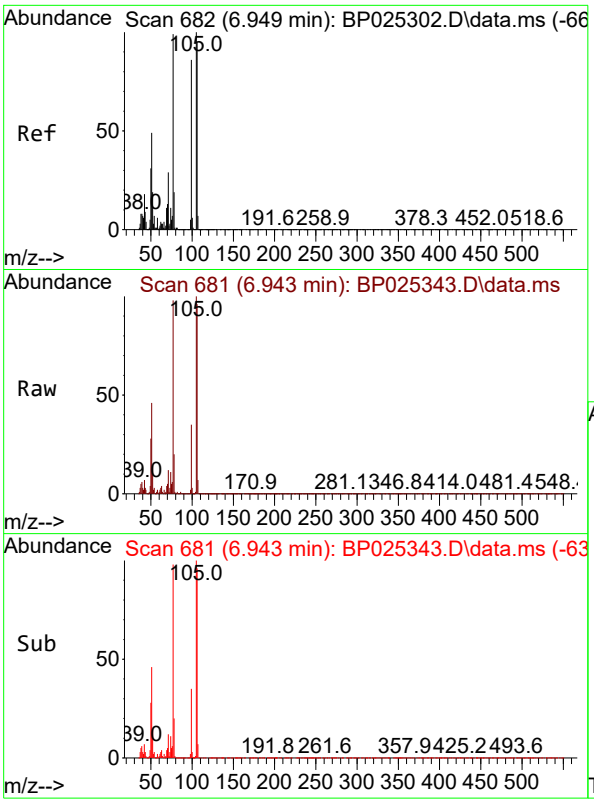


#8
2-Chlorophenol
Concen: 39.345 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:128 Resp: 580077

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	43.5	26.1	66.1

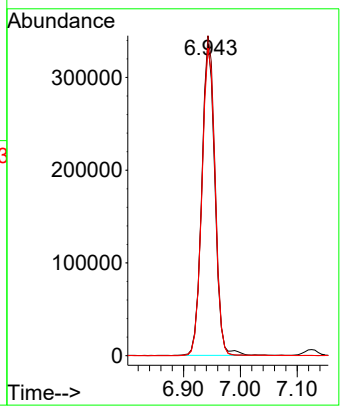




#9
Benzaldehyde
Concen: 42.522 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 77 Resp: 53534

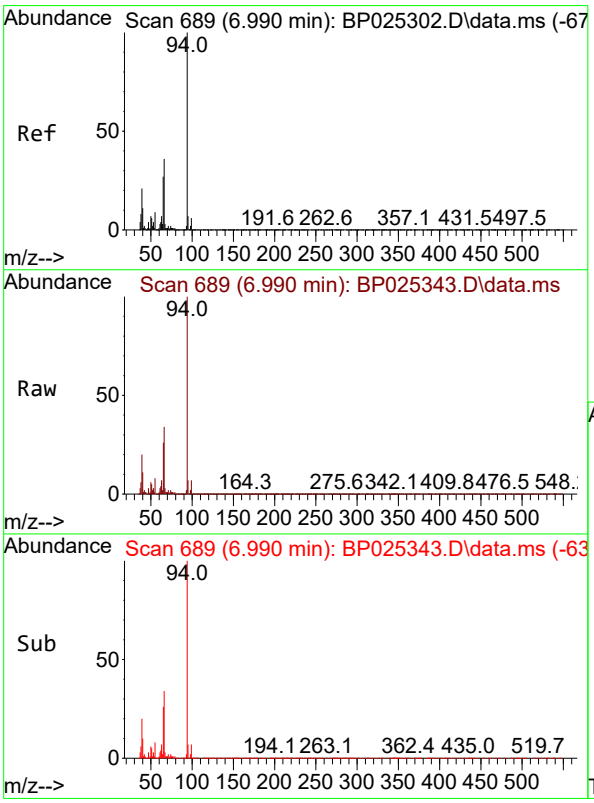
Ion	Ratio	Lower	Upper
77	100		
105	102.4	81.4	121.4
106	98.5	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

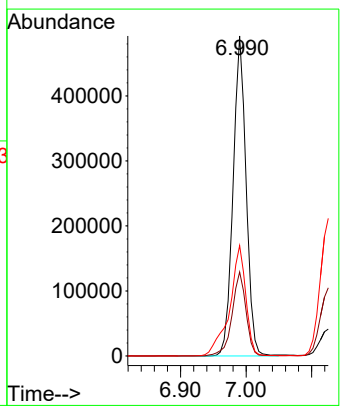
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

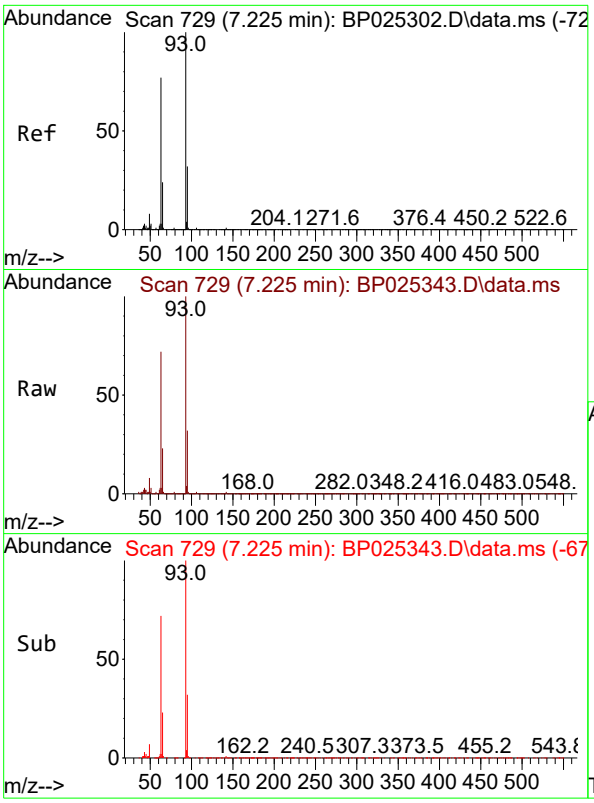


#10
Phenol
Concen: 35.920 ng
RT: 6.990 min Scan# 689
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 94 Resp: 681278

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.3	47.3
66	34.5	15.7	55.7

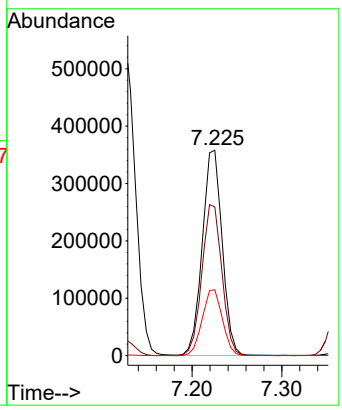




#11
bis(2-Chloroethyl)ether
Concen: 37.122 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 93 Resp: 55166

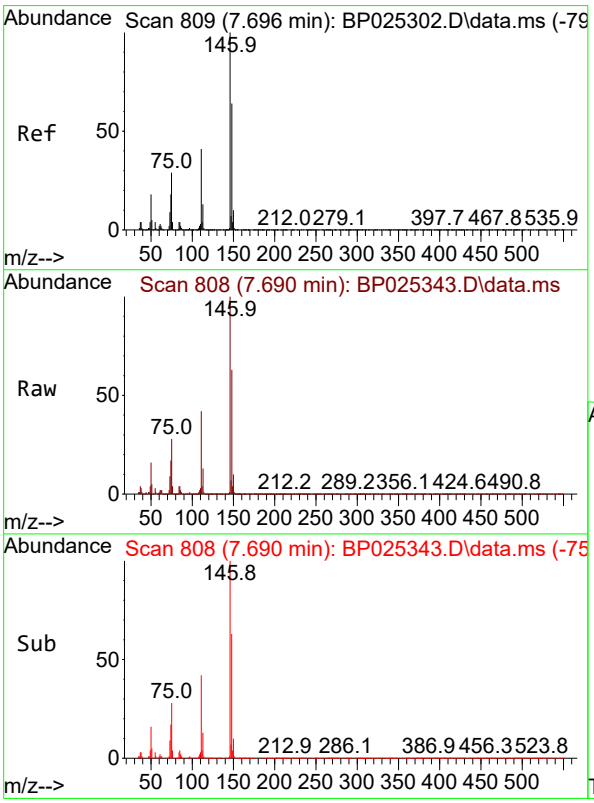
Ion	Ratio	Lower	Upper
93	100		
63	72.4	57.0	97.0
95	32.1	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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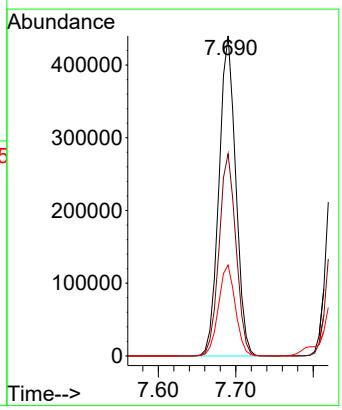
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

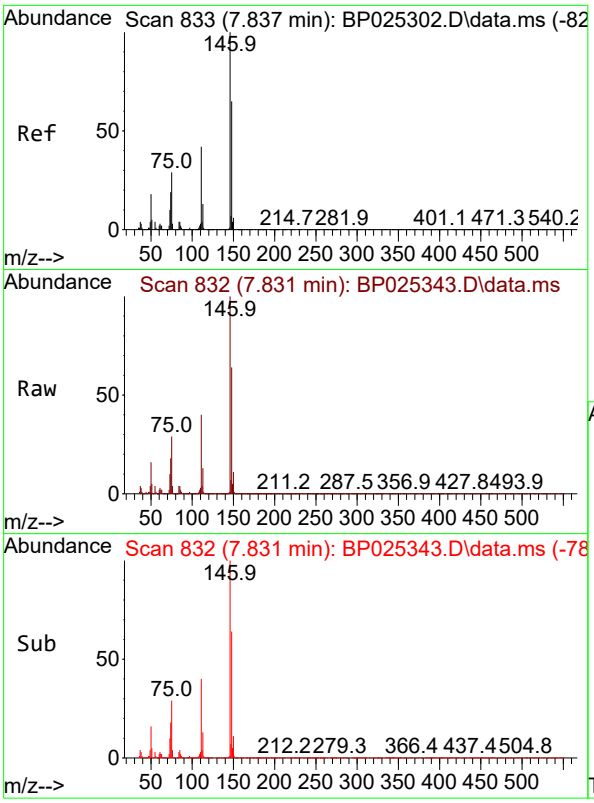


#12
1,3-Dichlorobenzene
Concen: 39.897 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:146 Resp: 660931

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	28.4	23.2	34.8

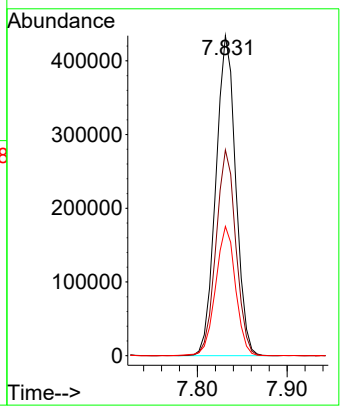




#13
1,4-Dichlorobenzene
Concen: 39.793 ng
RT: 7.831 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:146 Resp: 66693

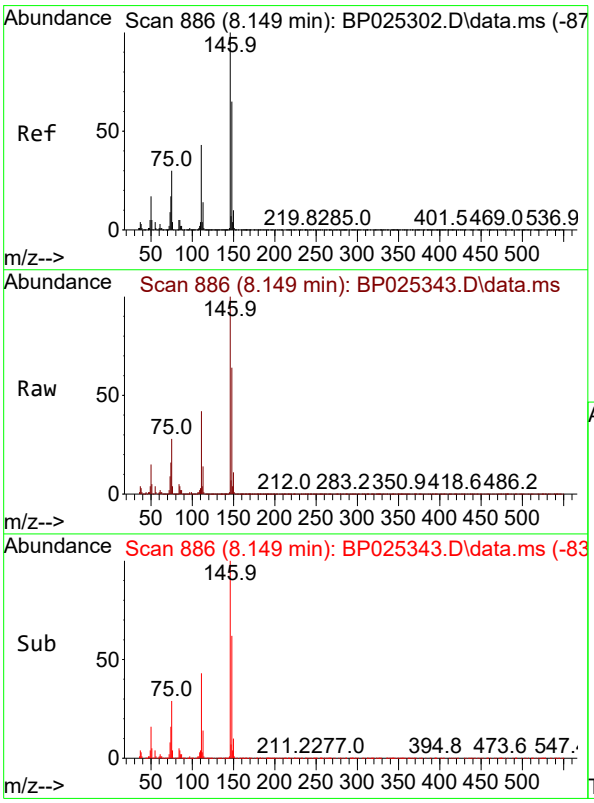
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	40.4	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

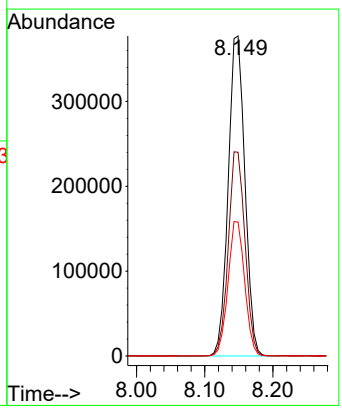
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

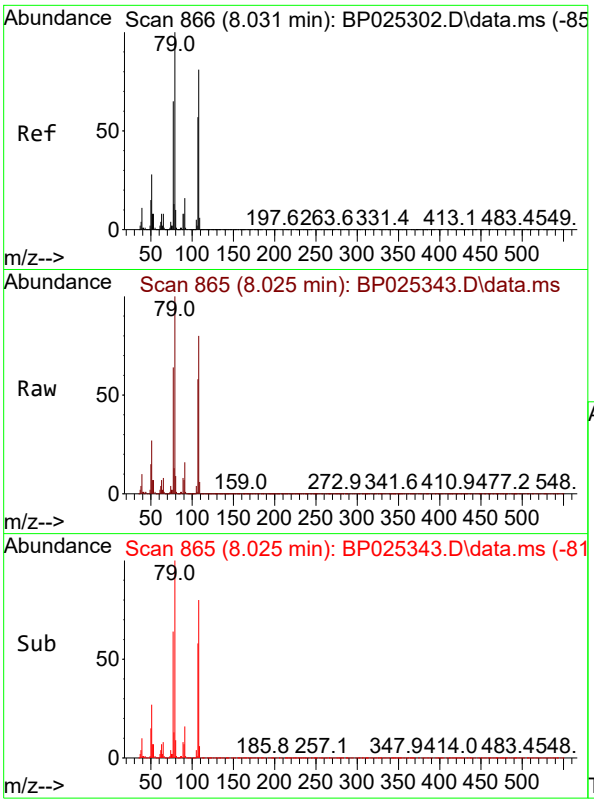


#14
1,2-Dichlorobenzene
Concen: 39.578 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:146 Resp: 642581

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	41.9	34.4	51.6





#15
Benzyl Alcohol
Concen: 35.291 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

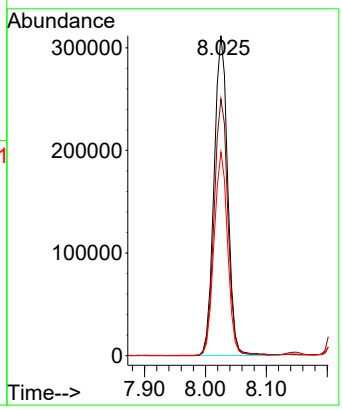
Tgt Ion: 79 Resp: 48491

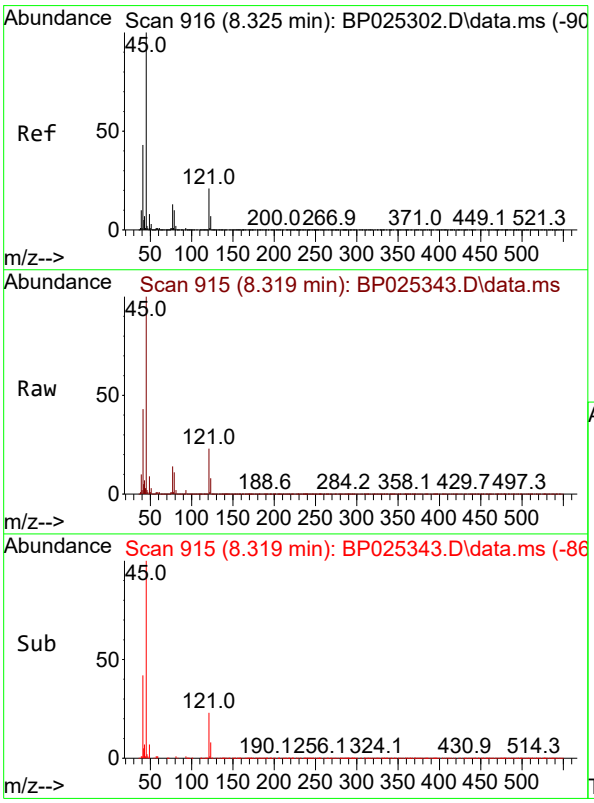
Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.5	96.7
77	63.7	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

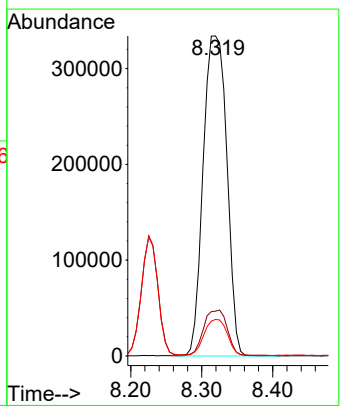


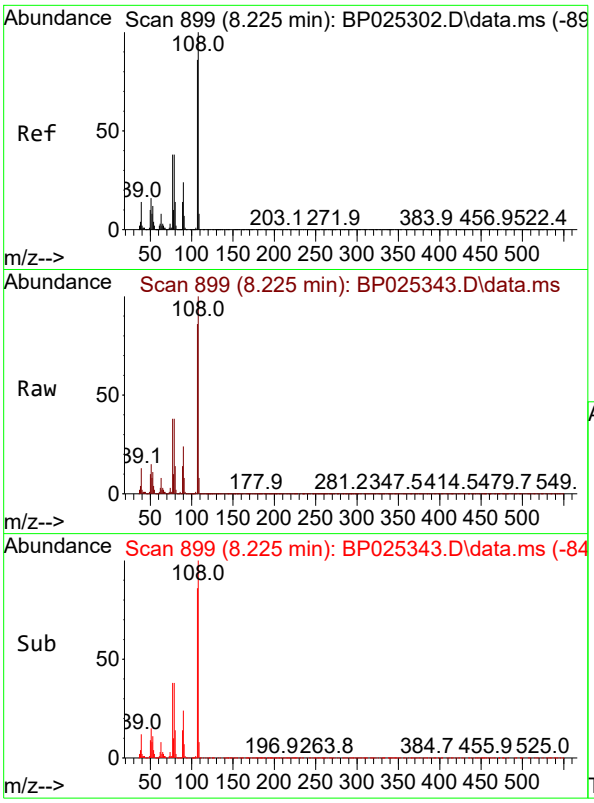


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.919 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 45 Resp: 772801

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.0
79	11.4	0.0	29.8

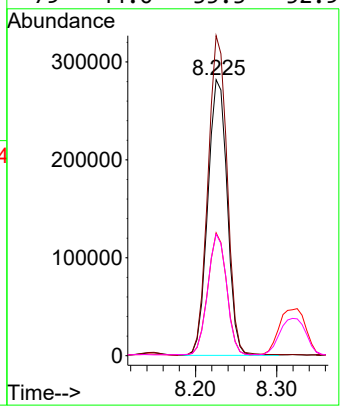




#17
2-Methylphenol
Concen: 36.820 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:107 Resp: 46727

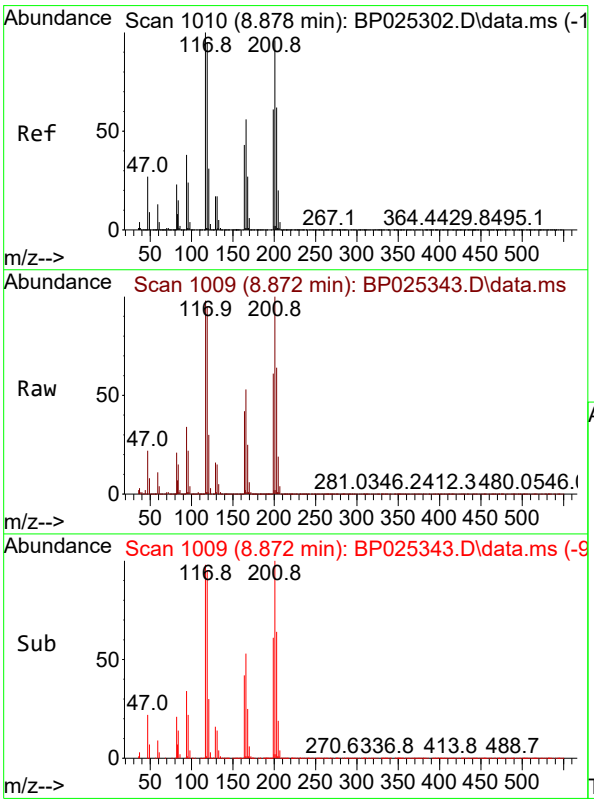
Ion	Ratio	Lower	Upper
107	100		
108	115.9	92.6	139.0
77	44.5	35.4	53.2
79	44.0	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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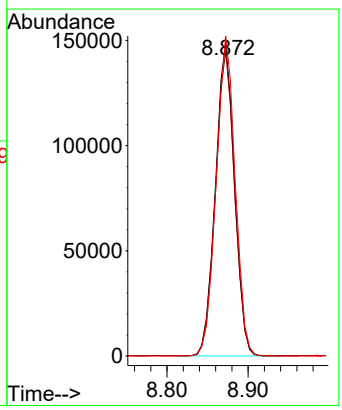
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

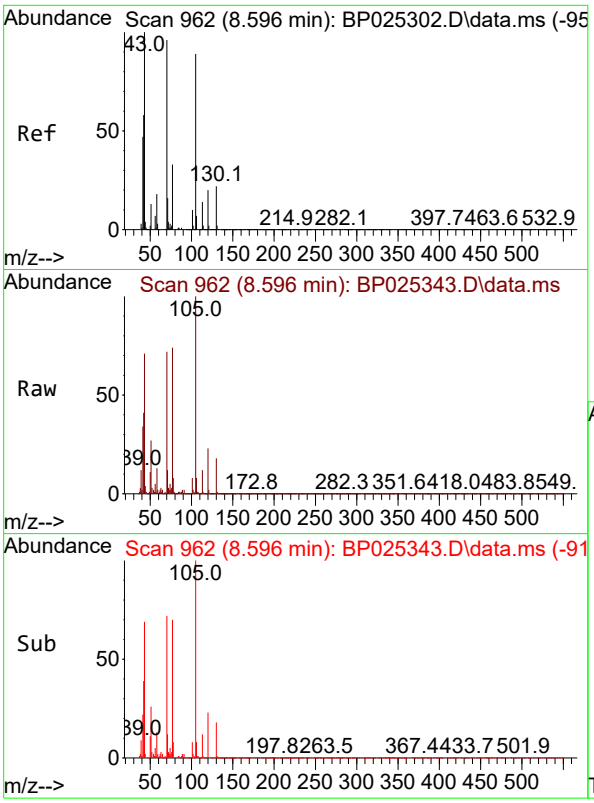


#18
Hexachloroethane
Concen: 40.571 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:117 Resp: 243173

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	102.1	76.6	114.8

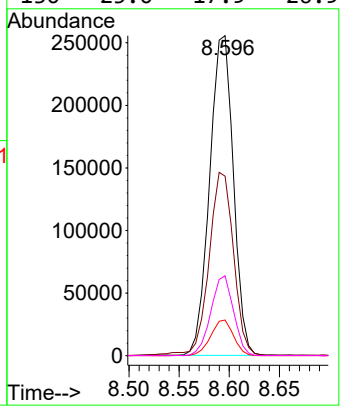




#19
n-Nitroso-di-n-propylamine
Concen: 36.175 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 70 Resp: 42131

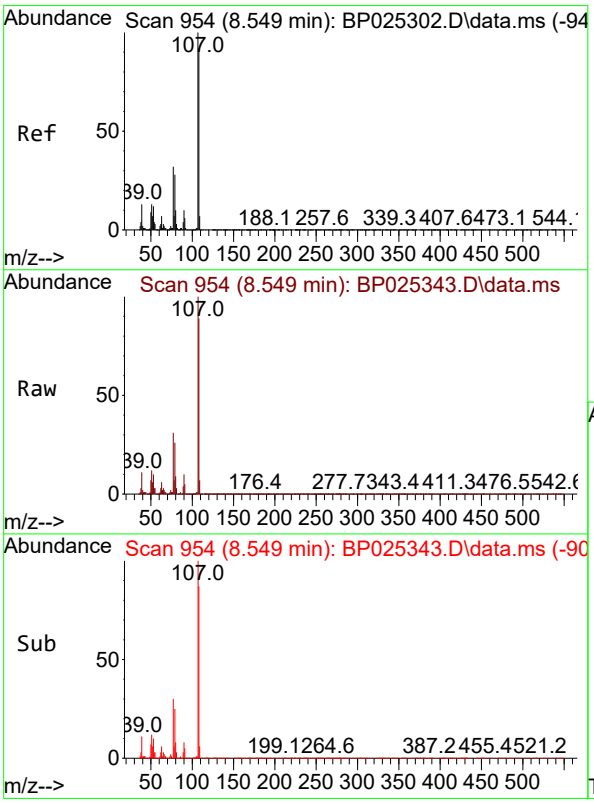
Ion	Ratio	Lower	Upper
70	100		
42	56.1	49.4	74.0
101	11.2	7.9	11.9
130	25.0	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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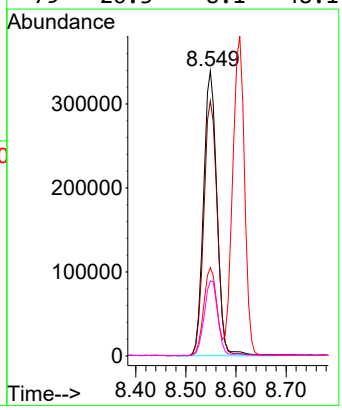
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

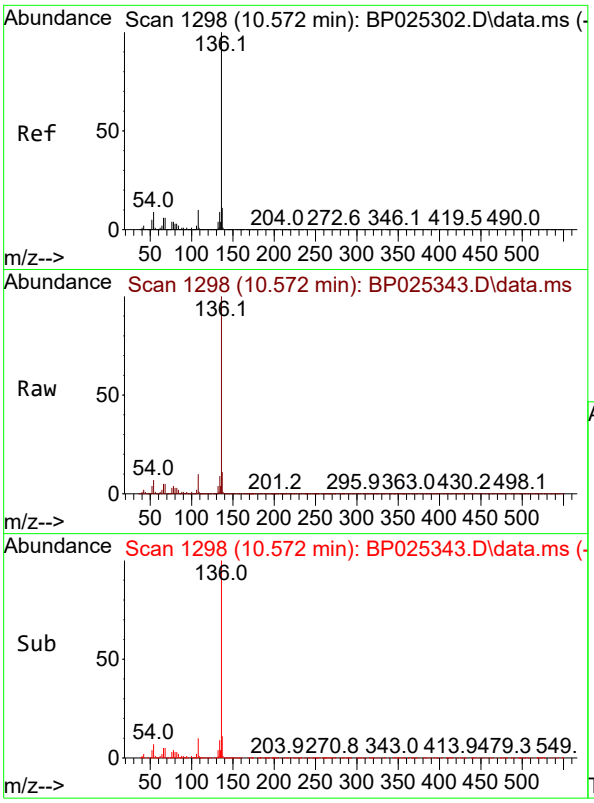


#20
3+4-Methylphenols
Concen: 36.176 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:107 Resp: 632190

Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.9	111.9
77	31.0	12.0	52.0
79	26.3	8.1	48.1

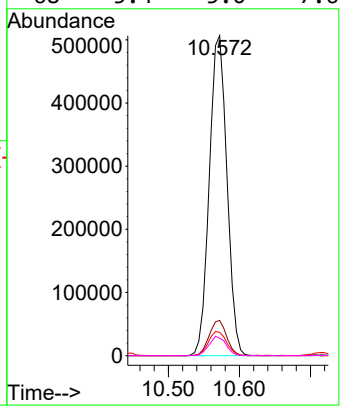




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:136 Resp: 87309

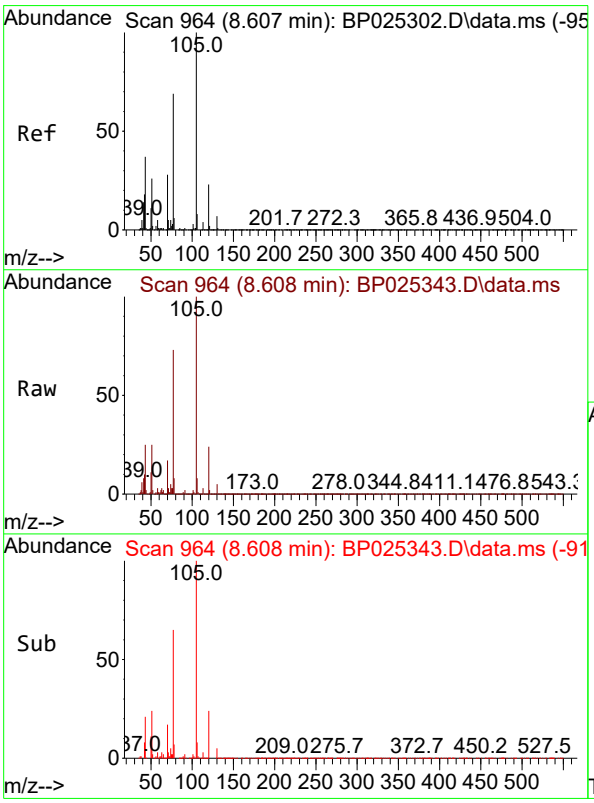
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	7.0	10.6
68	5.4	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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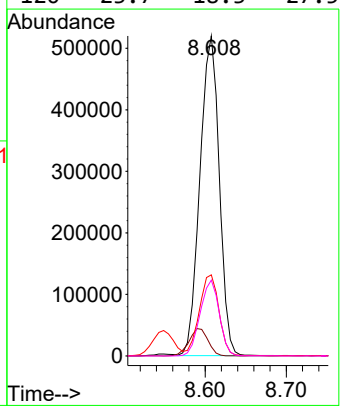
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

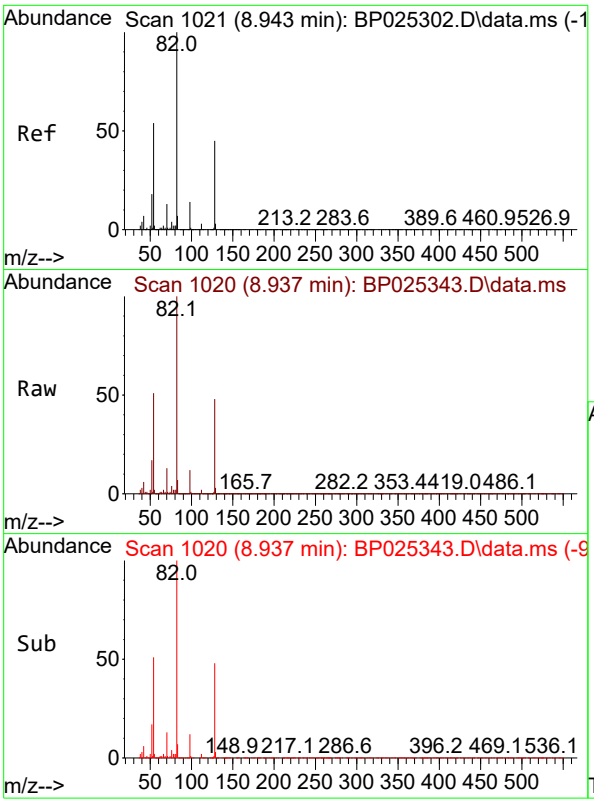


#22
Acetophenone
Concen: 39.192 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:105 Resp: 859001

Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.1	6.1#
51	25.4	22.7	34.1
120	23.7	18.3	27.5

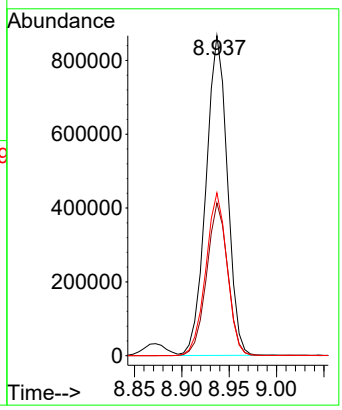




#23
Nitrobenzene-d5
Concen: 86.192 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 82 Resp: 135834

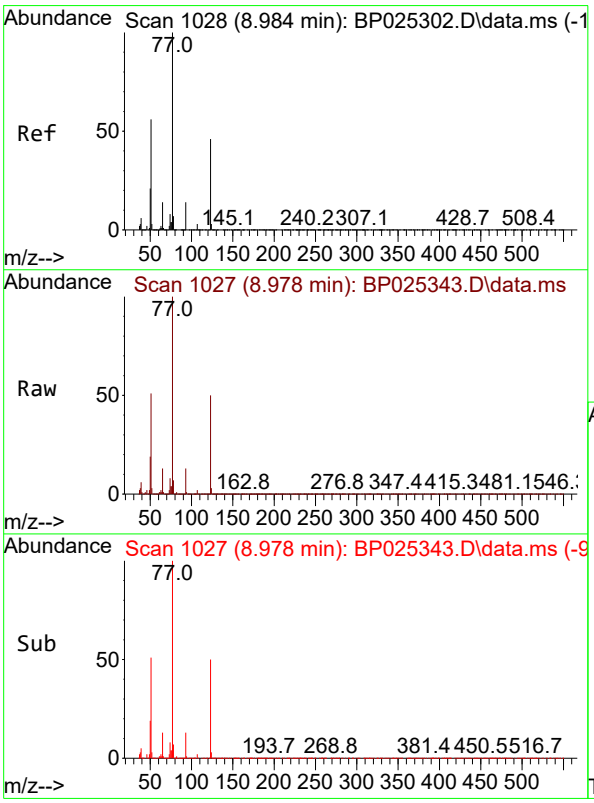
Ion	Ratio	Lower	Upper
82	100		
128	47.7	35.4	53.2
54	50.9	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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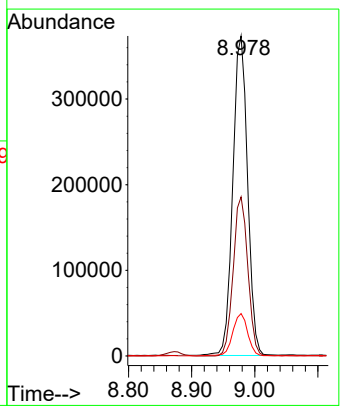
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

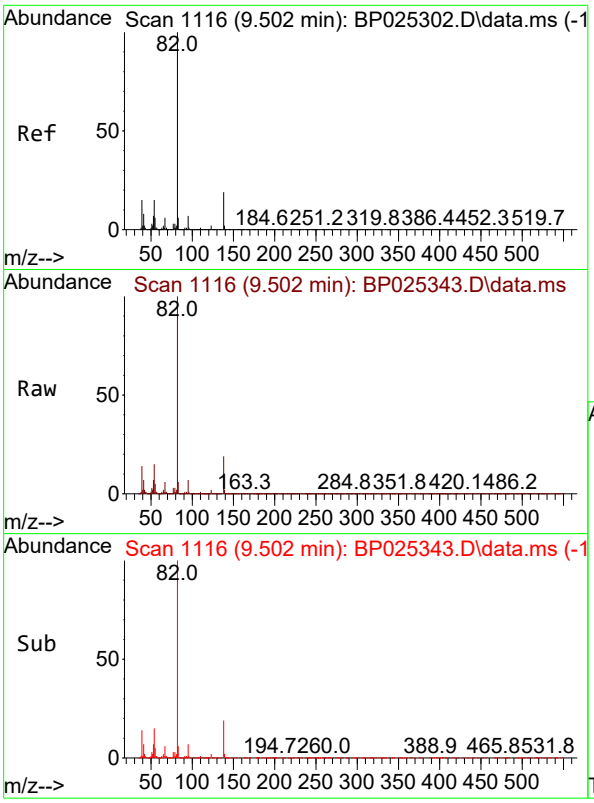


#24
Nitrobenzene
Concen: 40.670 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 77 Resp: 606716

Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.4	56.2
65	13.3	11.1	16.7

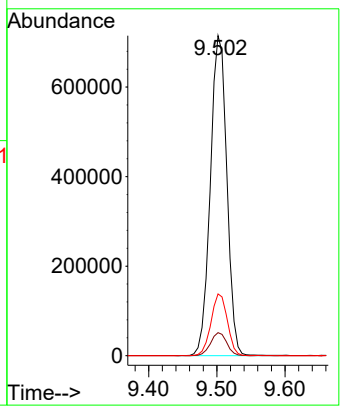




#25
Isophorone
Concen: 38.366 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 82 Resp: 120356

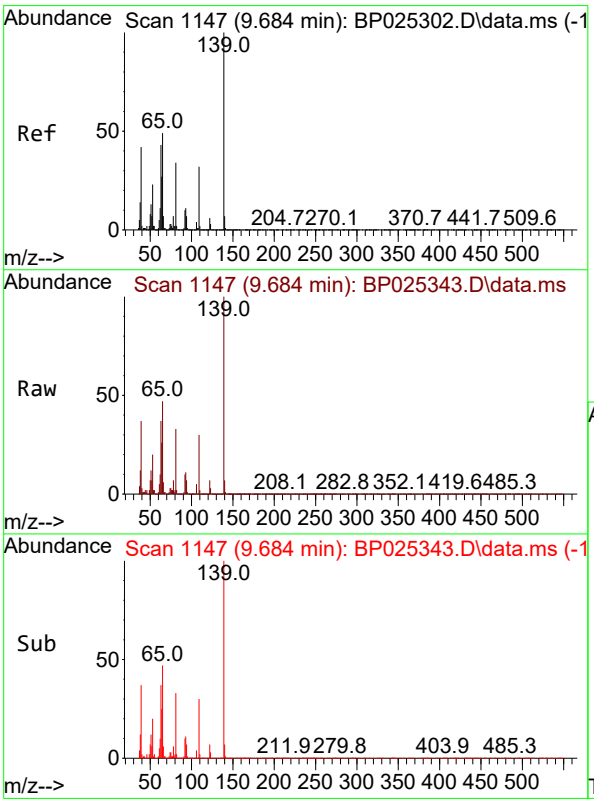
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.3	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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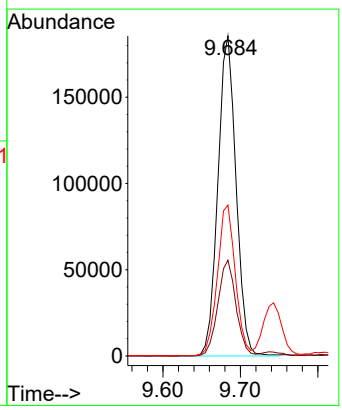
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

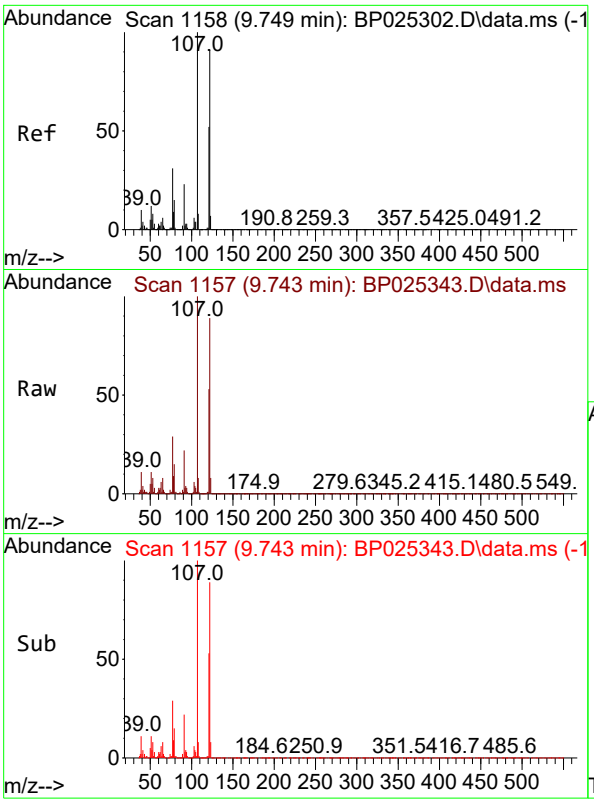


#26
2-Nitrophenol
Concen: 46.643 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:139 Resp: 302389

Ion	Ratio	Lower	Upper
139	100		
109	29.9	25.2	37.8
65	47.1	39.6	59.4





#27
2,4-Dimethylphenol
Concen: 37.721 ng
RT: 9.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

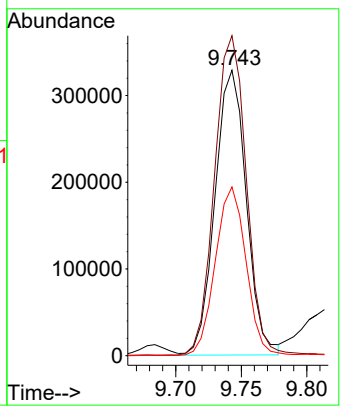
Tgt Ion:122 Resp: 54555

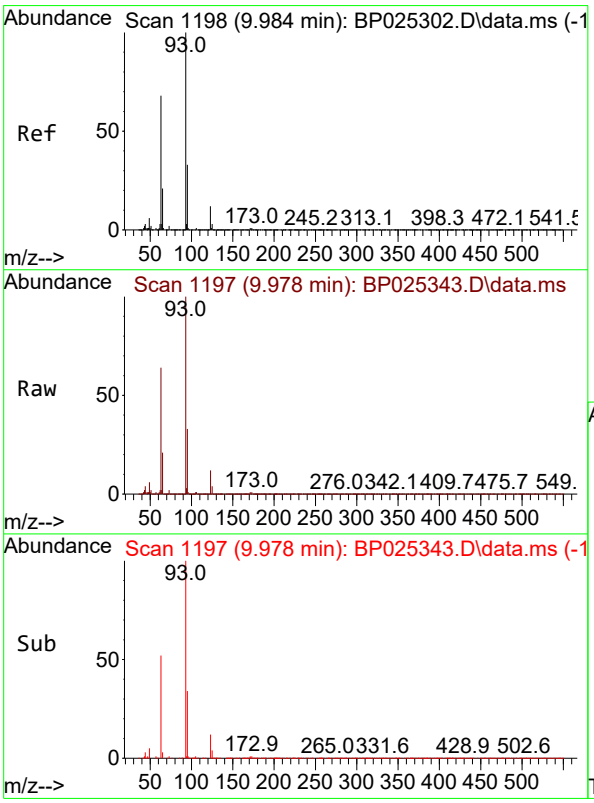
Ion	Ratio	Lower	Upper
122	100		
107	112.1	87.4	131.0
121	59.1	45.8	68.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

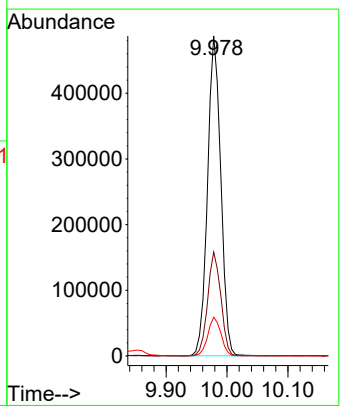


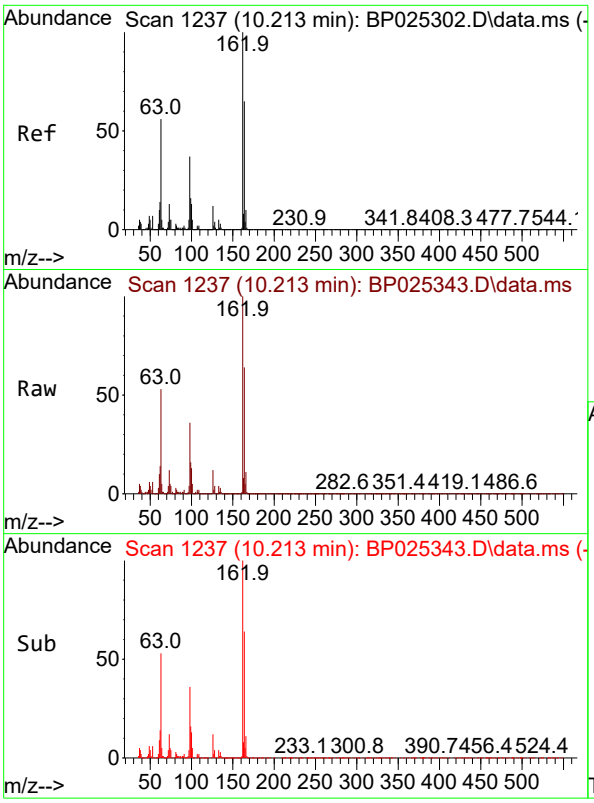


#28
bis(2-Chloroethoxy)methane
Concen: 38.663 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 93 Resp: 737818

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	12.1	9.4	14.2

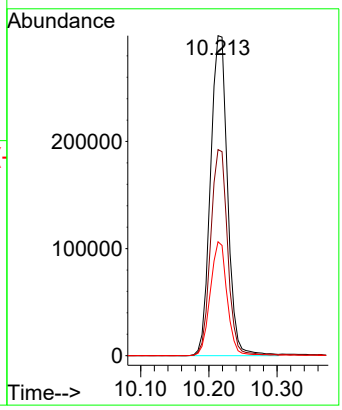




#29
2,4-Dichlorophenol
Concen: 41.201 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:162 Resp: 52168

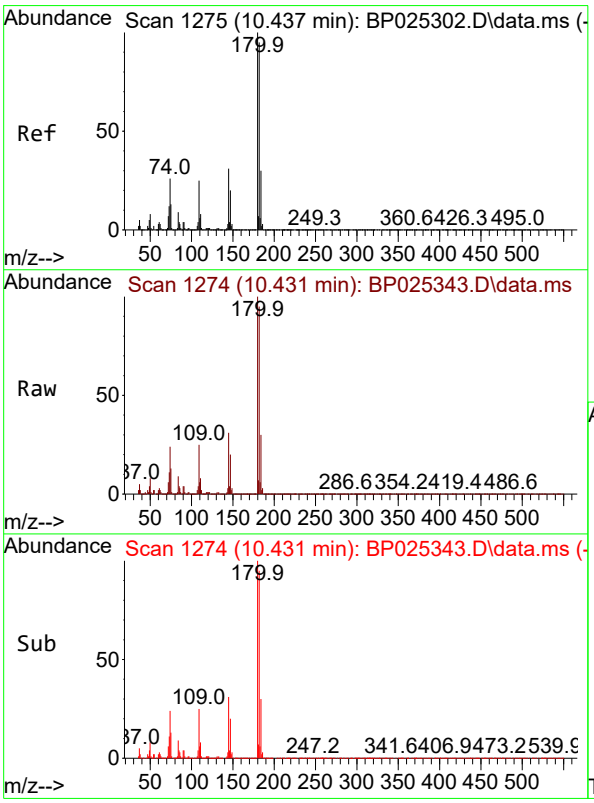
Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	35.6	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

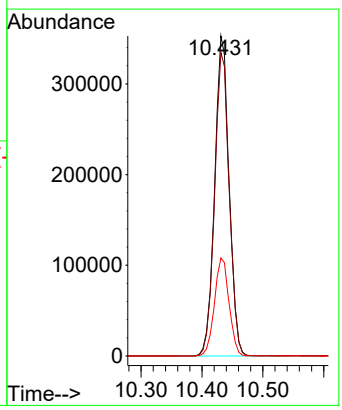
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

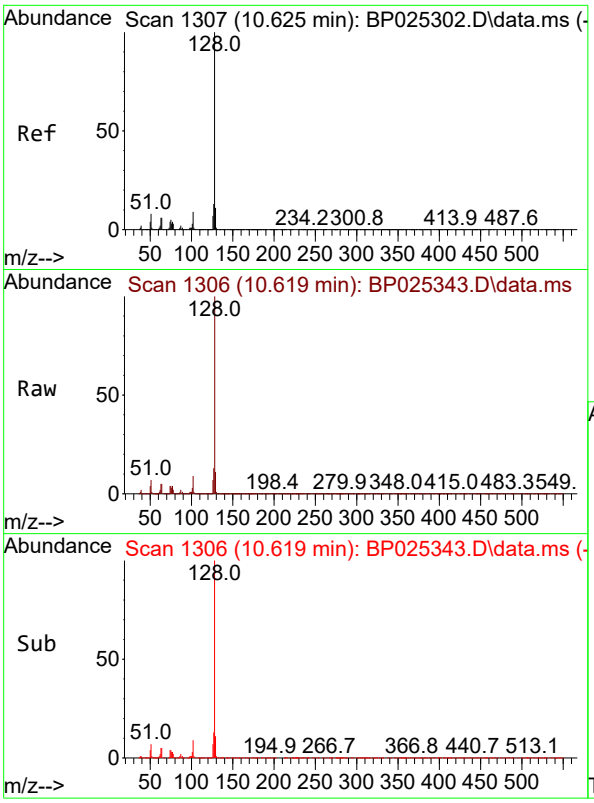


#30
1,2,4-Trichlorobenzene
Concen: 41.546 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:180 Resp: 580371

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.6	25.0	37.4

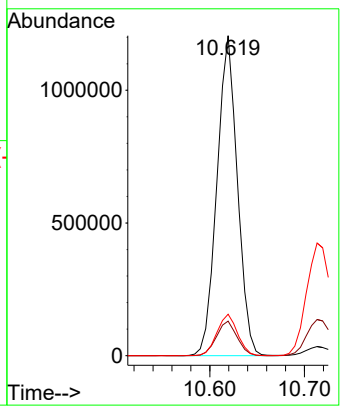




#31
Naphthalene
Concen: 39.957 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:128 Resp: 181102

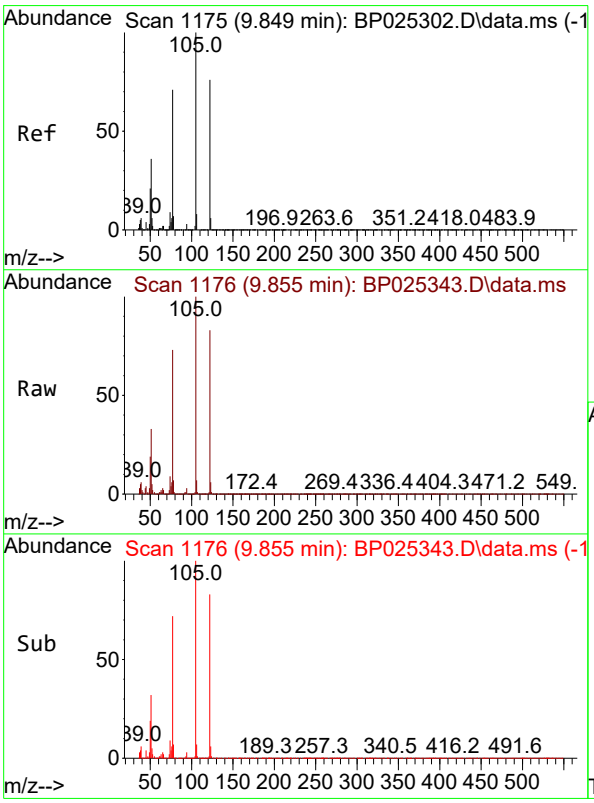
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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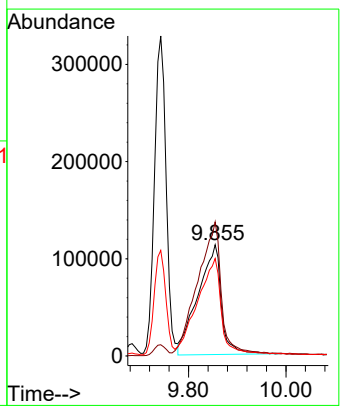
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

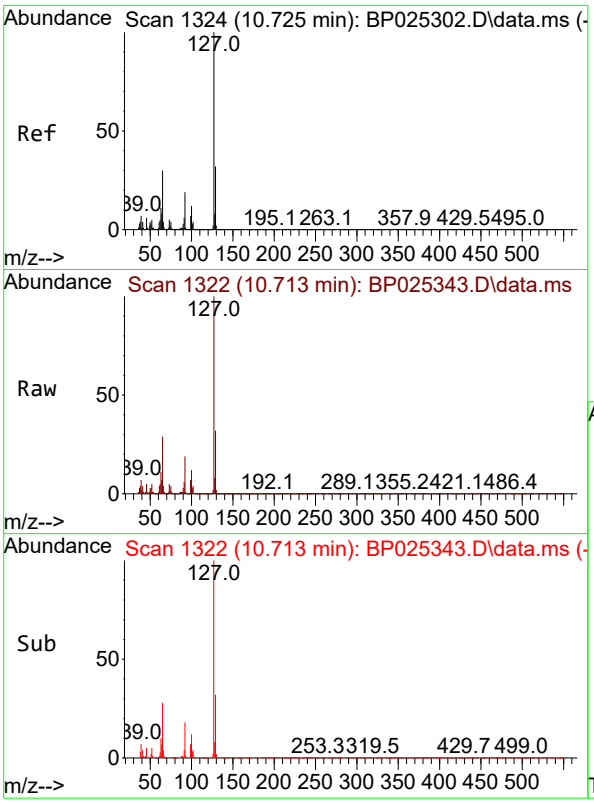


#32
Benzoic acid
Concen: 46.273 ng
RT: 9.855 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:122 Resp: 375993

Ion	Ratio	Lower	Upper
122	100		
105	120.5	104.0	144.0
77	87.6	71.8	111.8

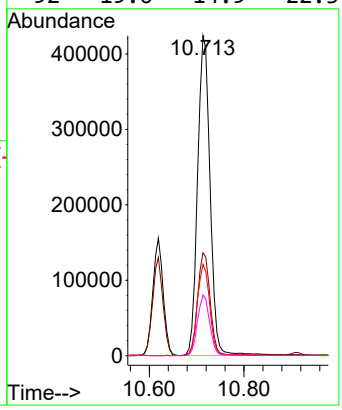




#33
4-Chloroaniline
Concen: 38.525 ng
RT: 10.713 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:127 Resp: 77658

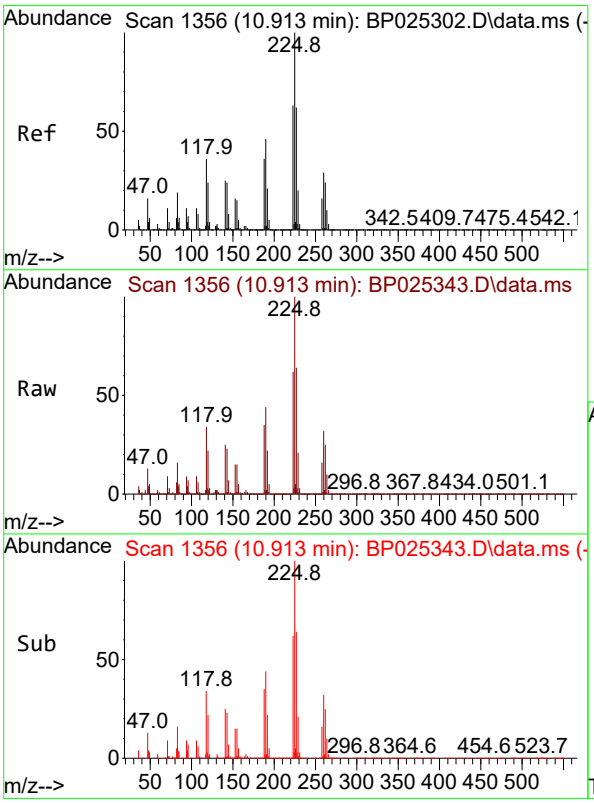
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	28.5	23.6	35.4
92	19.0	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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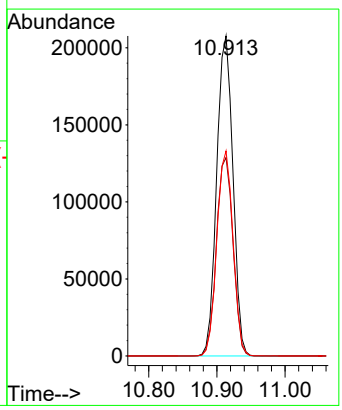
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

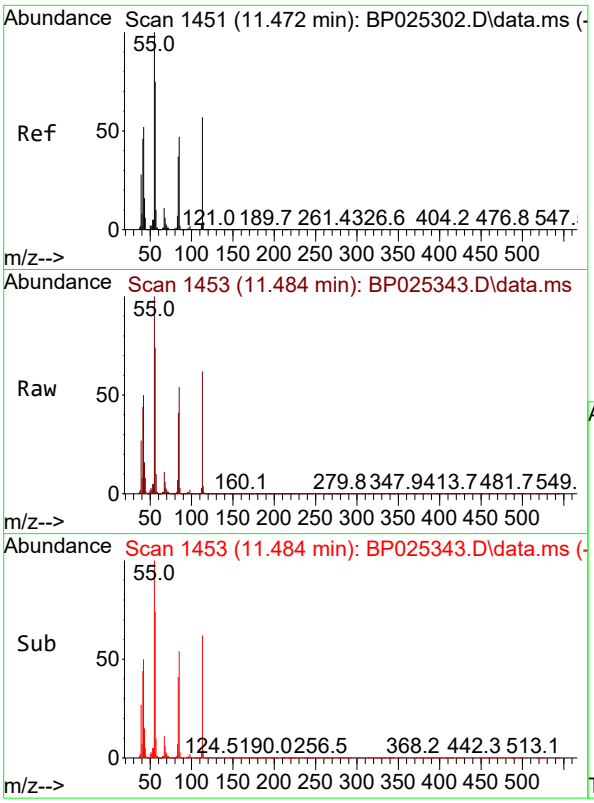


#34
Hexachlorobutadiene
Concen: 42.873 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:225 Resp: 343790

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.0	49.7	74.5

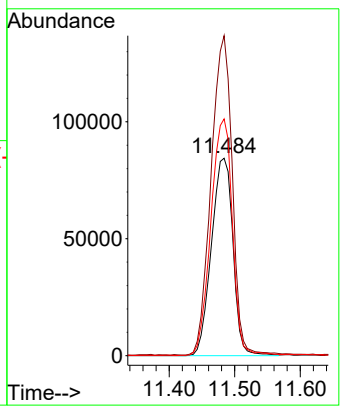




#35
Caprolactam
Concen: 39.027 ng
RT: 11.484 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:113 Resp: 19170

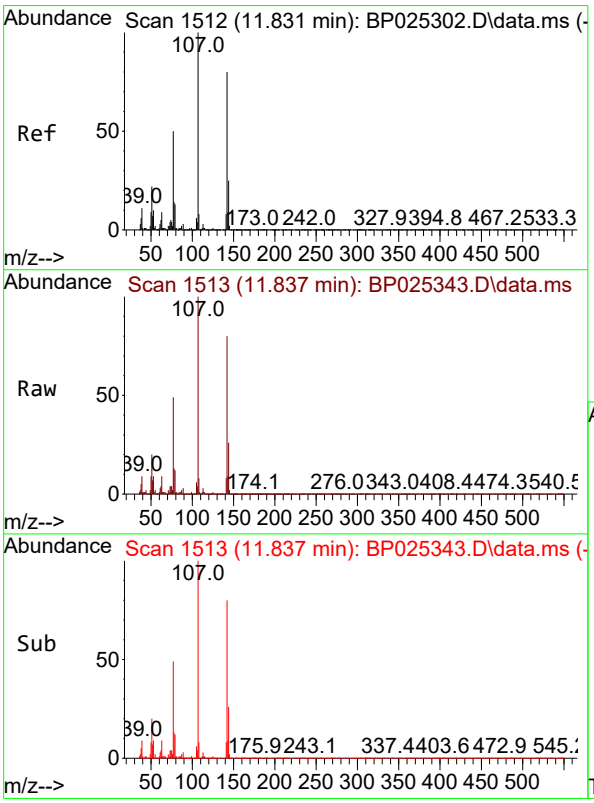
Ion	Ratio	Lower	Upper
113	100		
55	162.1	154.4	194.4
56	120.0	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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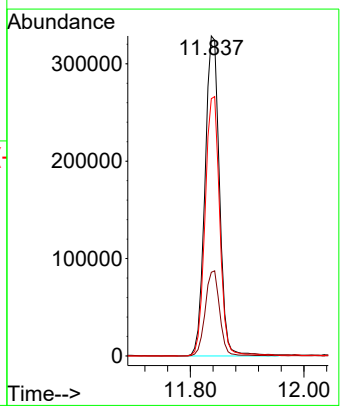
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

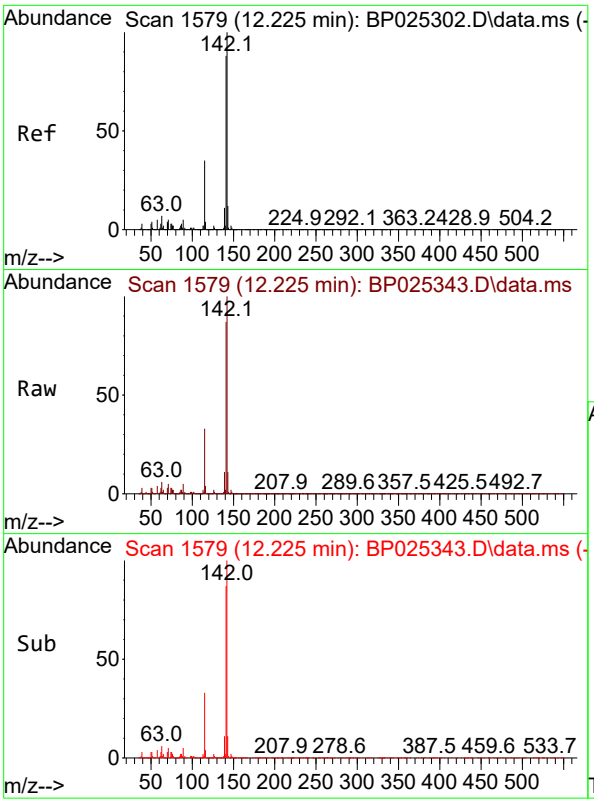


#36
4-Chloro-3-methylphenol
Concen: 39.535 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:107 Resp: 579237

Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.4	30.6
142	80.4	63.7	95.5

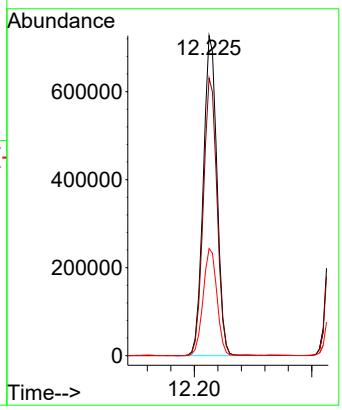




#37
2-Methylnaphthalene
Concen: 39.881 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:142 Resp: 116997

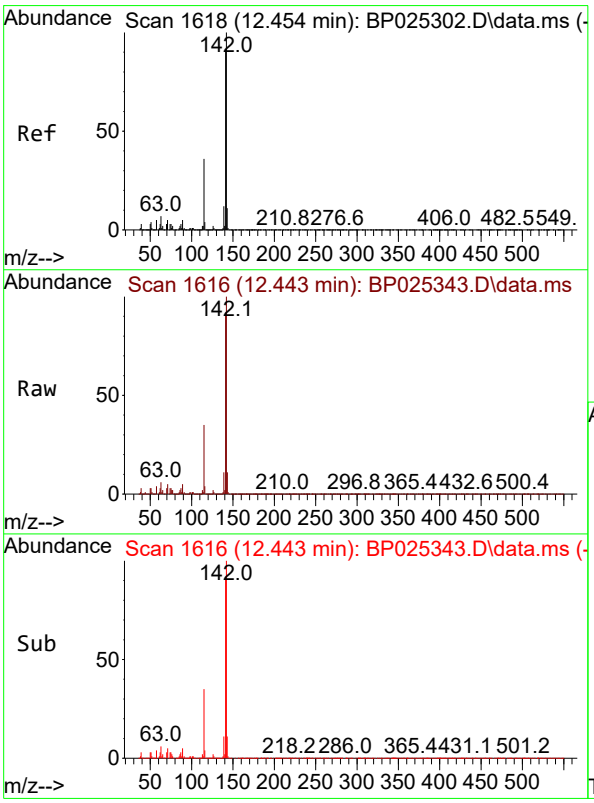
Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	33.4	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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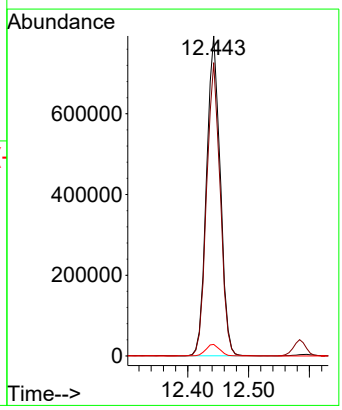
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

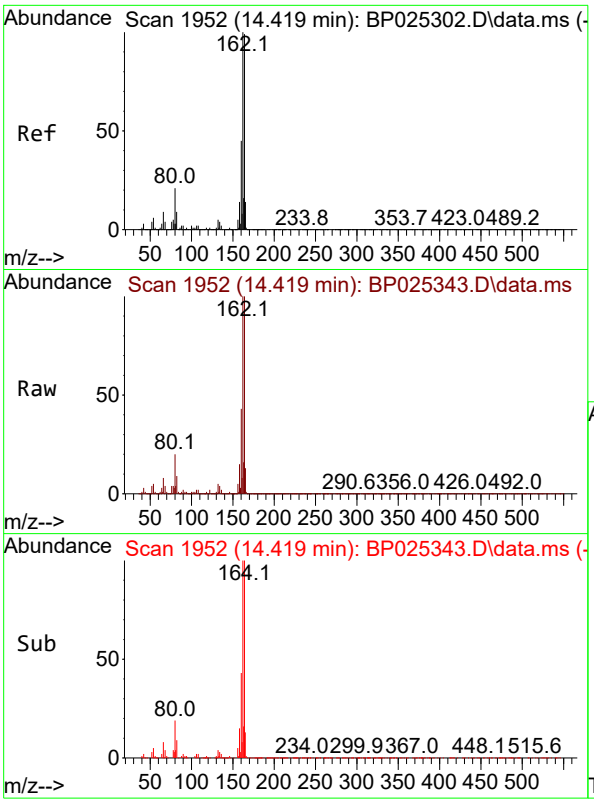


#38
1-Methylnaphthalene
Concen: 40.414 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:142 Resp: 1237086

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.6
116	3.6	3.0	4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

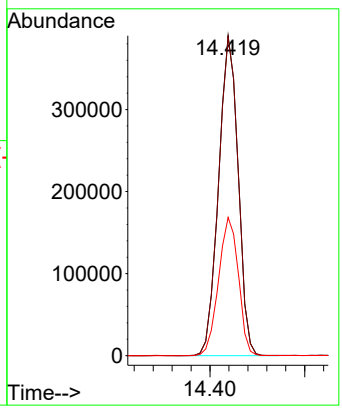
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

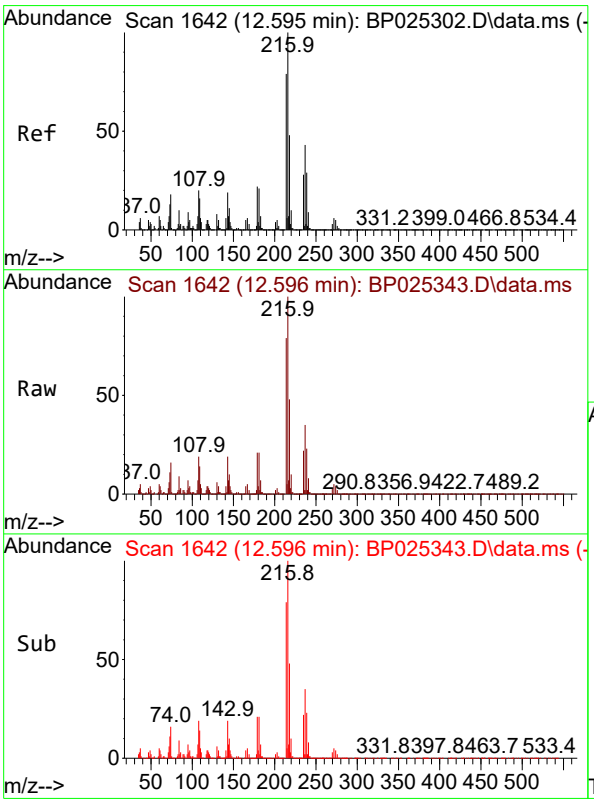
Tgt Ion:164 Resp: 55896

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.2	35.9	53.9

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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

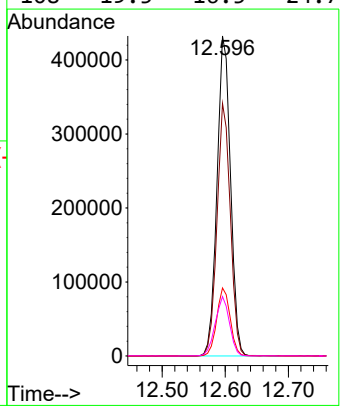


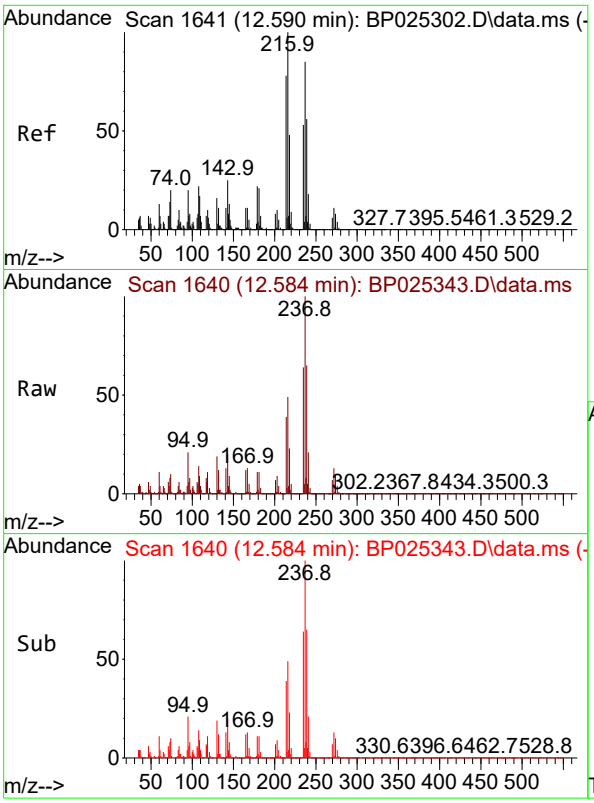


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.118 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:216 Resp: 642752

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.4	93.6
179	21.2	17.5	26.3
108	19.5	16.5	24.7

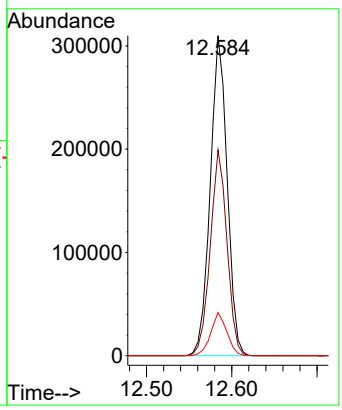




#41
Hexachlorocyclopentadiene
Concen: 45.304 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:237 Resp: 42670

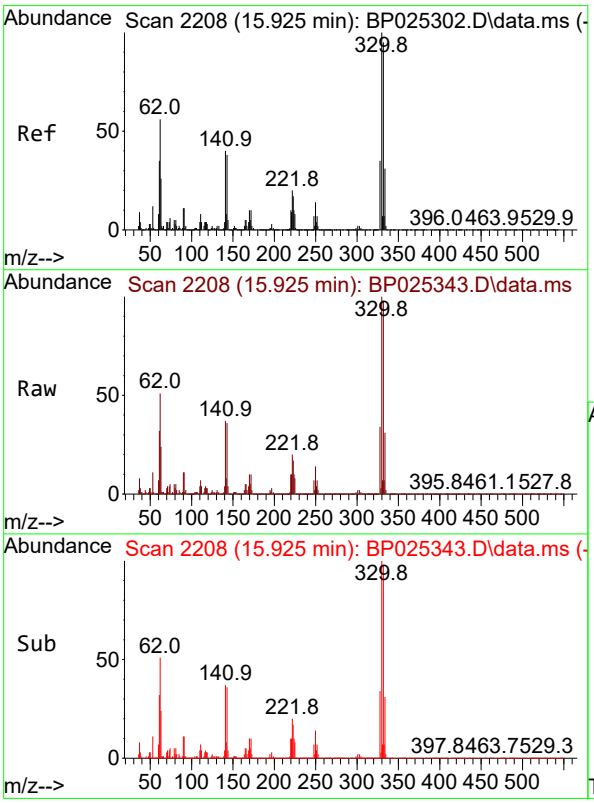
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.2	82.2
272	13.4	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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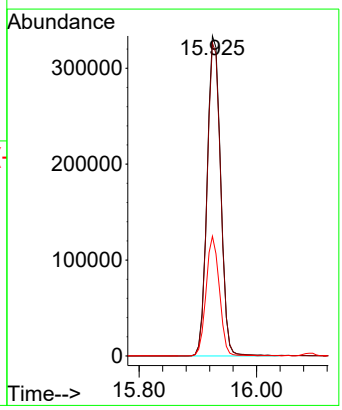
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

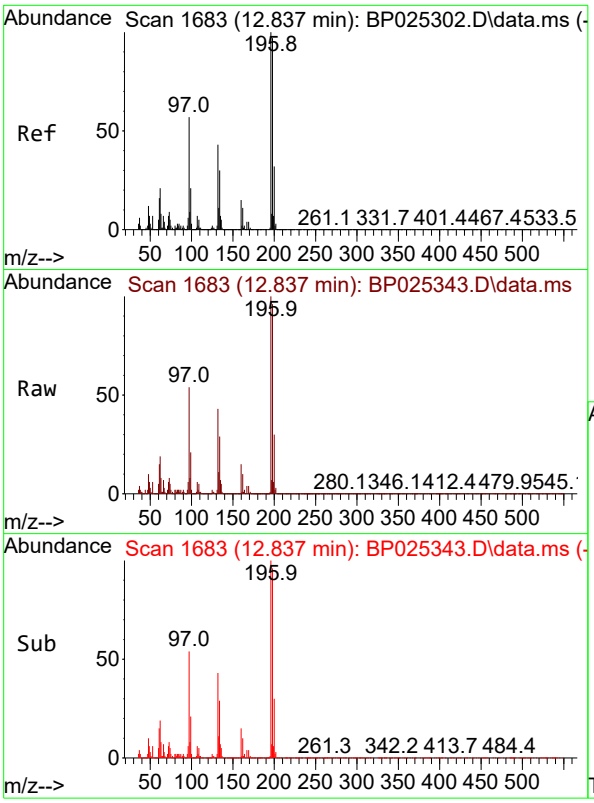


#42
2,4,6-Tribromophenol
Concen: 95.603 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:330 Resp: 533118

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	36.7	31.7	47.5

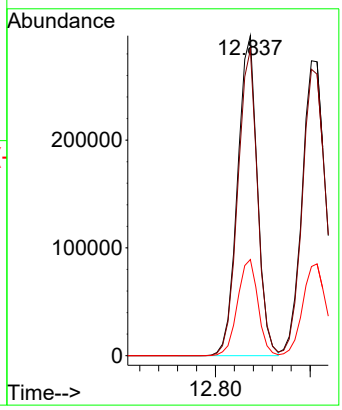




#43
2,4,6-Trichlorophenol
Concen: 43.736 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:196 Resp: 43116

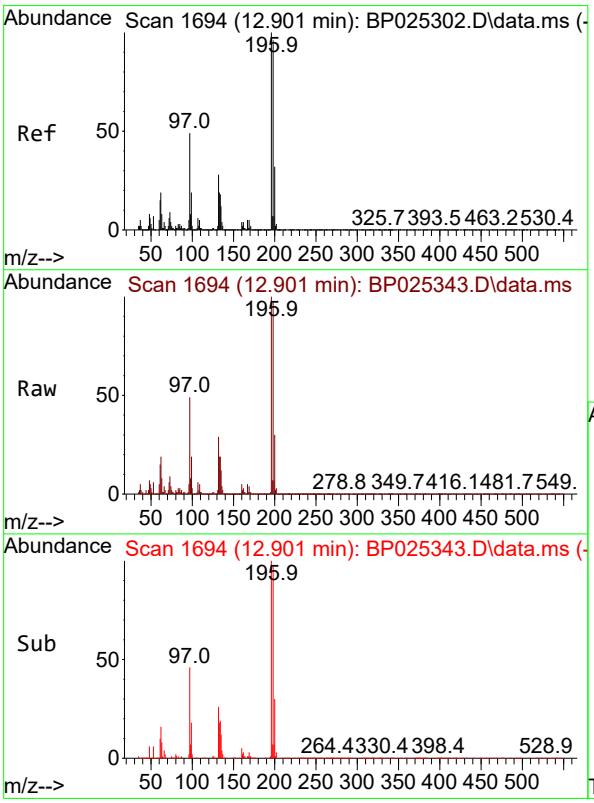
Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.3	115.9
200	30.1	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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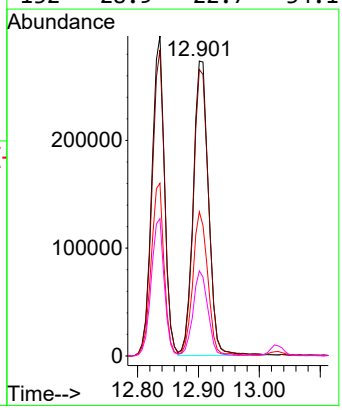
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

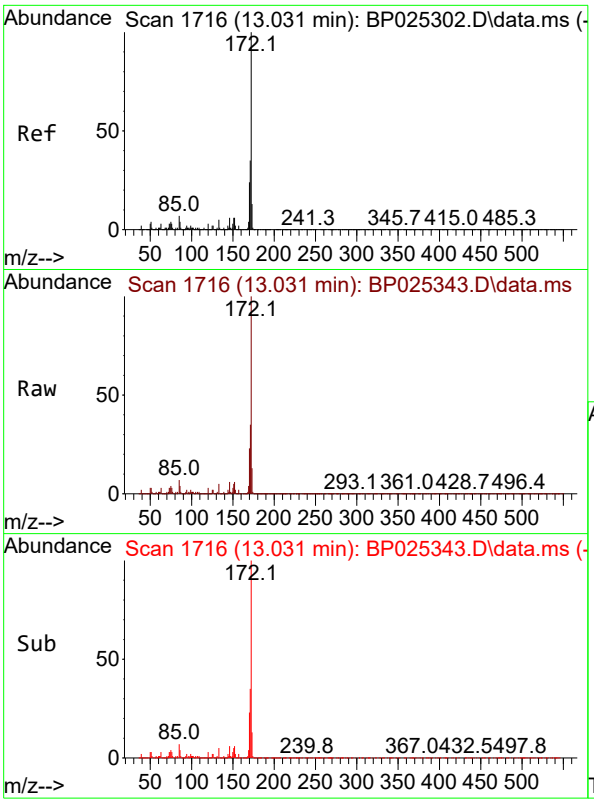


#44
2,4,5-Trichlorophenol
Concen: 43.131 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:196 Resp: 476982

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	114.8
97	48.9	39.5	59.3
132	28.9	22.7	34.1

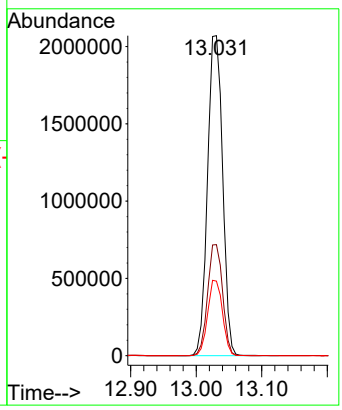




#45
2-Fluorobiphenyl
Concen: 81.789 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:172 Resp: 330994

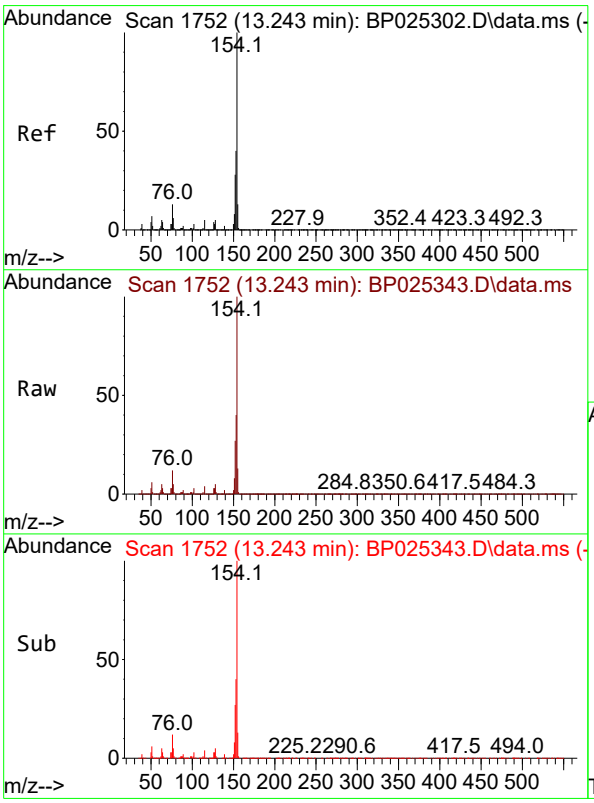
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.3	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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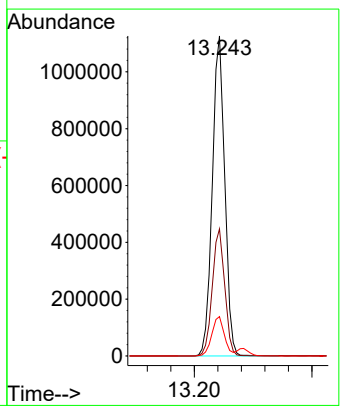
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

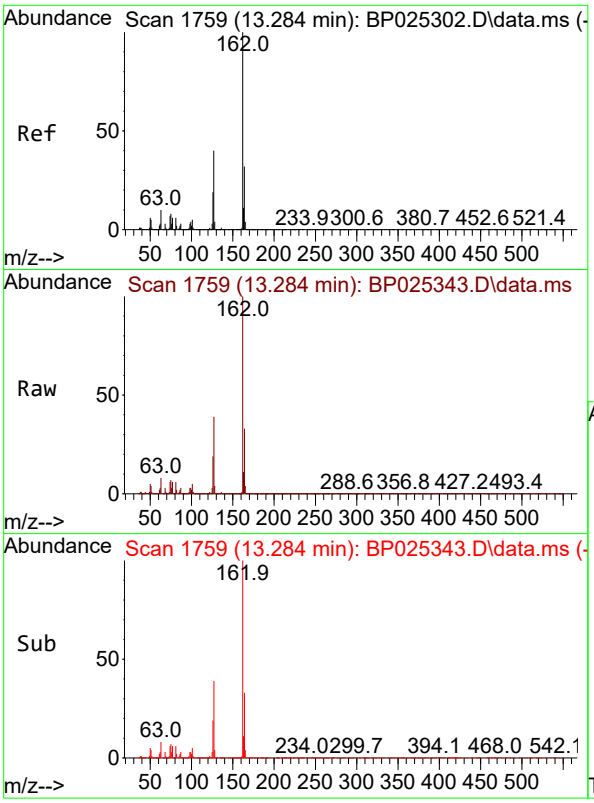


#46
1,1'-Biphenyl
Concen: 40.176 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:154 Resp: 1654987

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.9	59.9
76	12.3	0.0	33.2

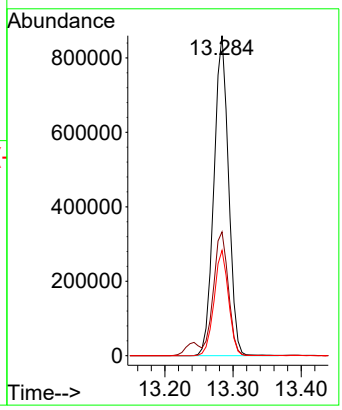




#47
2-Chloronaphthalene
Concen: 40.857 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:162 Resp: 128400

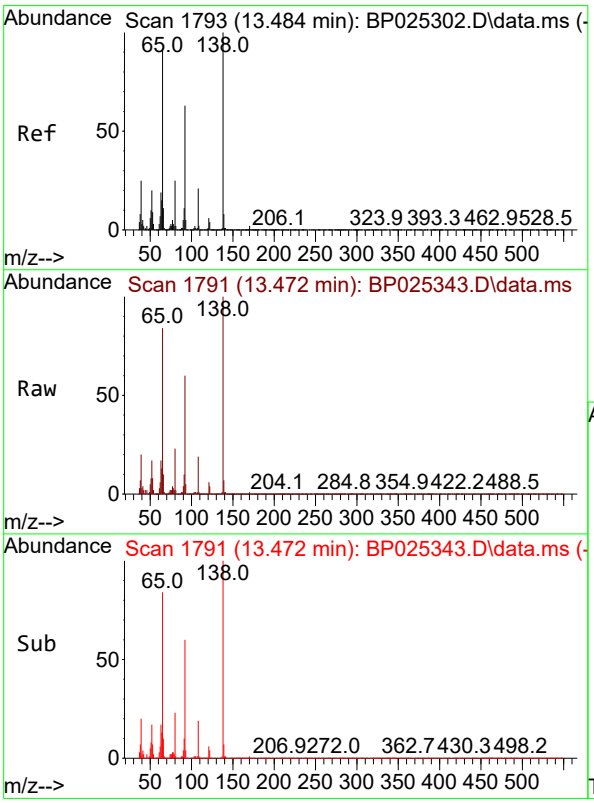
Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.2
164	32.9	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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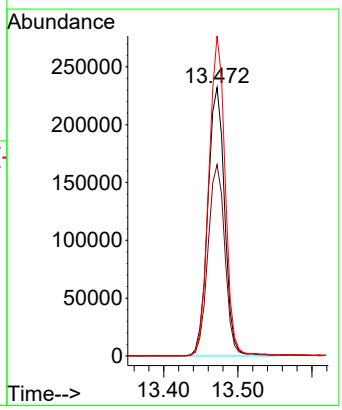
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

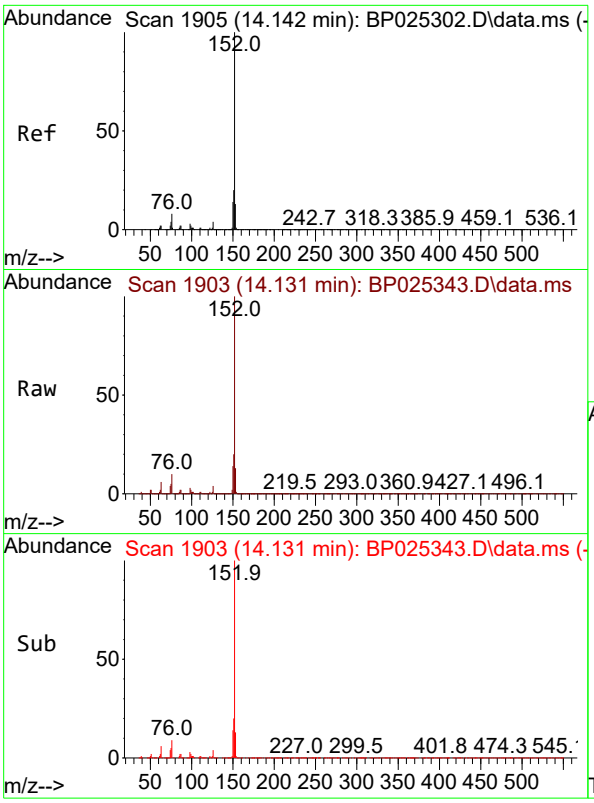


#48
2-Nitroaniline
Concen: 40.385 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 65 Resp: 367171

Ion	Ratio	Lower	Upper
65	100		
92	71.3	54.4	81.6
138	119.2	87.0	130.4





#49
Acenaphthylene
Concen: 40.051 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

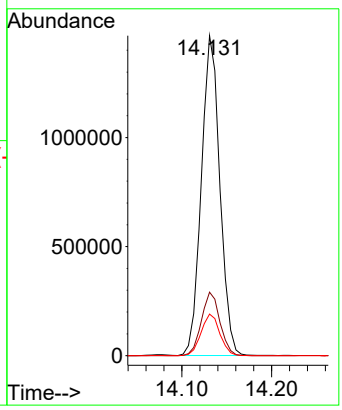
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

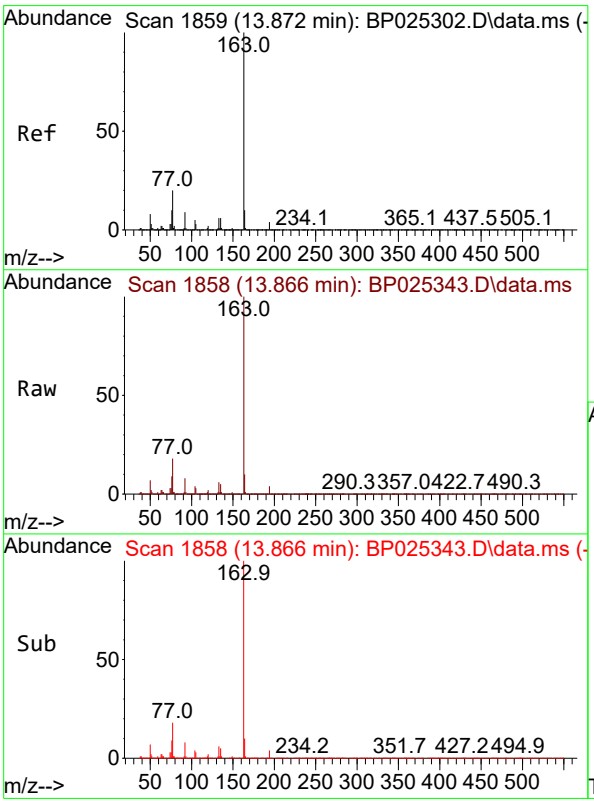
Tgt Ion:152 Resp: 209952

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6

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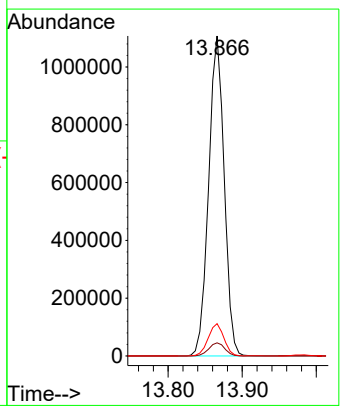


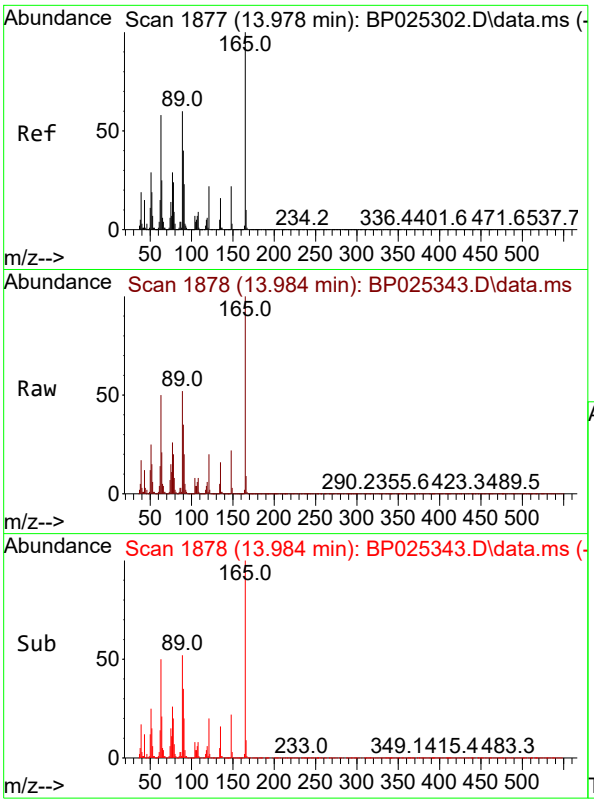


#50
Dimethylphthalate
Concen: 39.633 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:163 Resp: 1614991

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 45.646 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

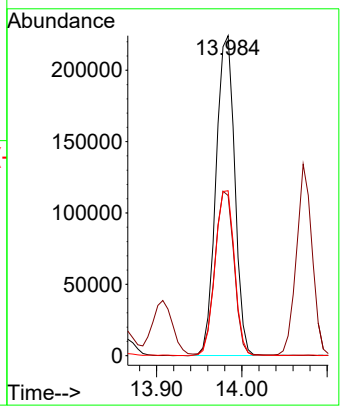
Tgt Ion:165 Resp: 34307

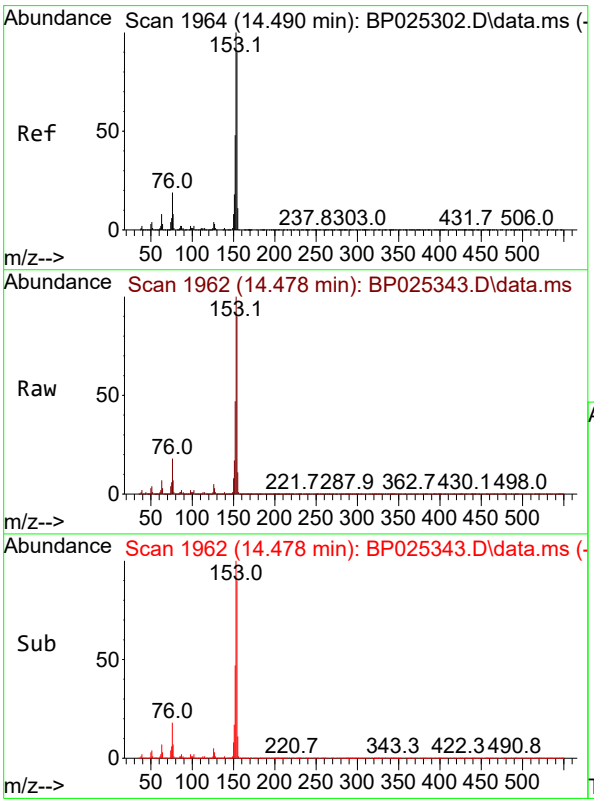
Ion	Ratio	Lower	Upper
165	100		
63	50.1	47.6	71.4
89	51.6	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay 08/12/2025

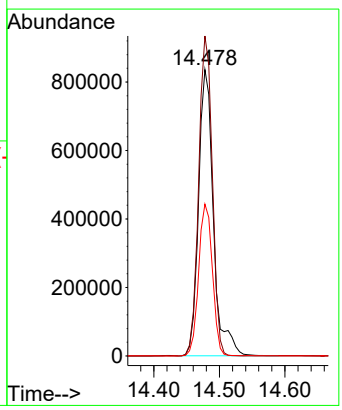


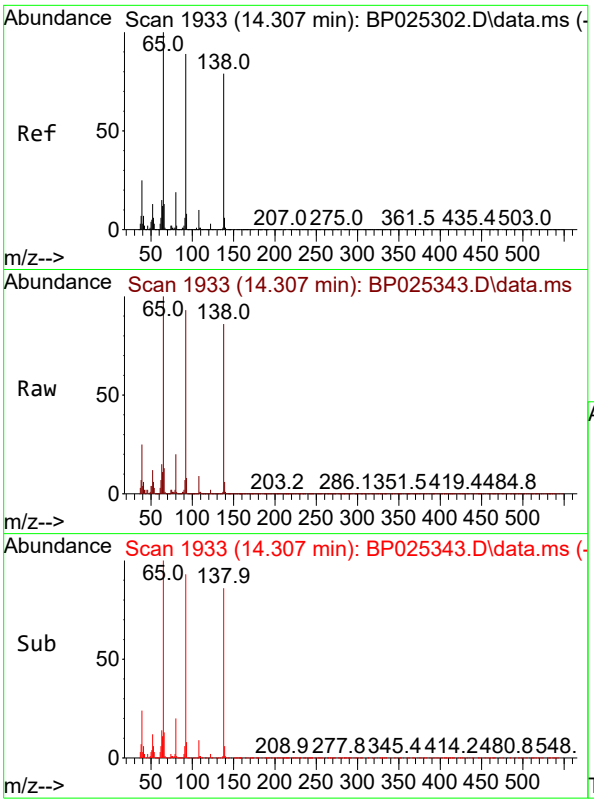


#52
Acenaphthene
Concen: 41.283 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:154 Resp: 1320053

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.0	43.0	64.6





#53
3-Nitroaniline
Concen: 45.838 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

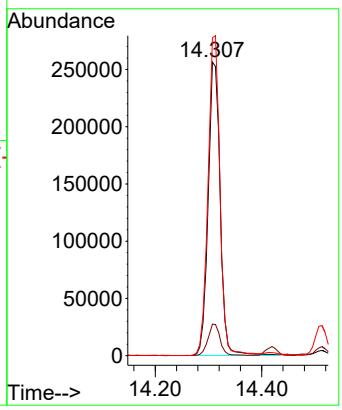
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

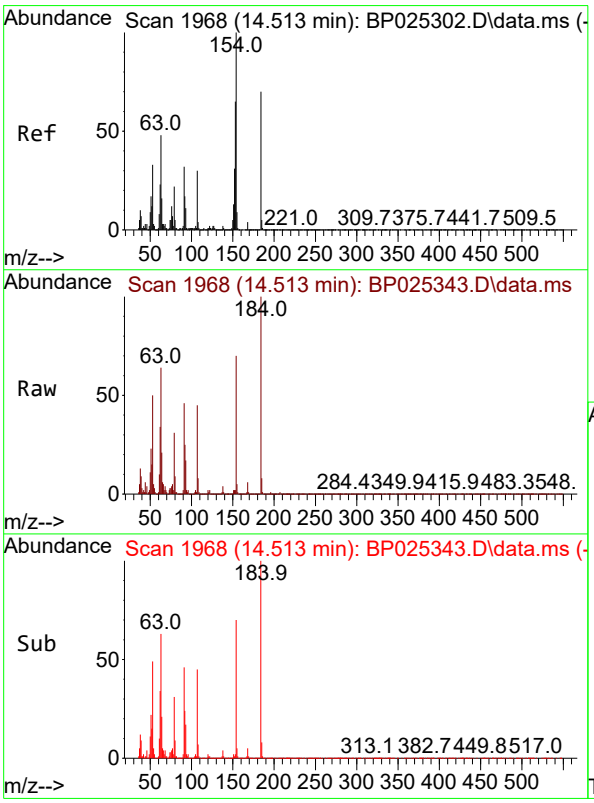
Tgt Ion:138 Resp: 40313

Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.5	15.7
92	108.3	90.9	136.3

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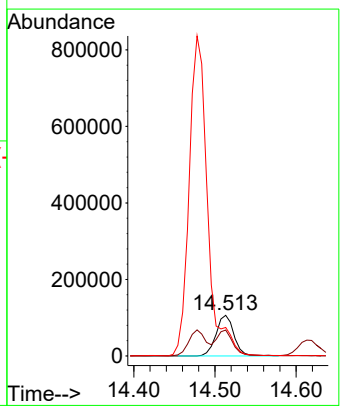


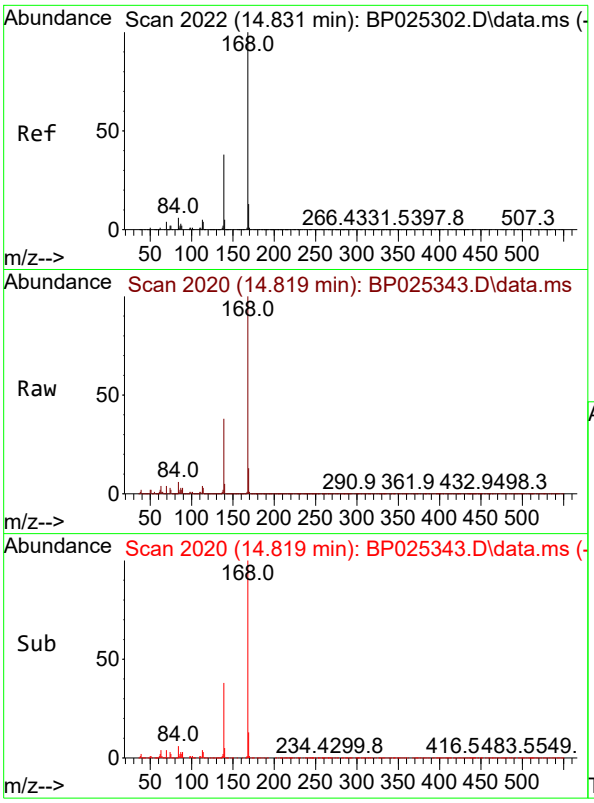


#54
2,4-Dinitrophenol
Concen: 50.859 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:184 Resp: 163906

Ion	Ratio	Lower	Upper
184	100		
63	63.6	56.3	84.5
154	69.9	124.5	186.7#

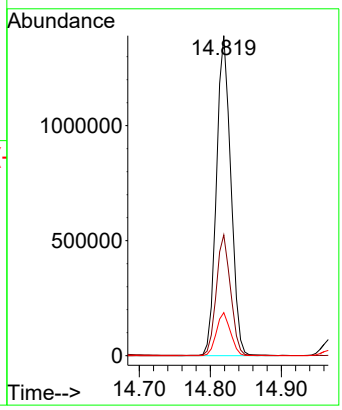




#55
Dibenzofuran
Concen: 40.746 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:168 Resp: 194701

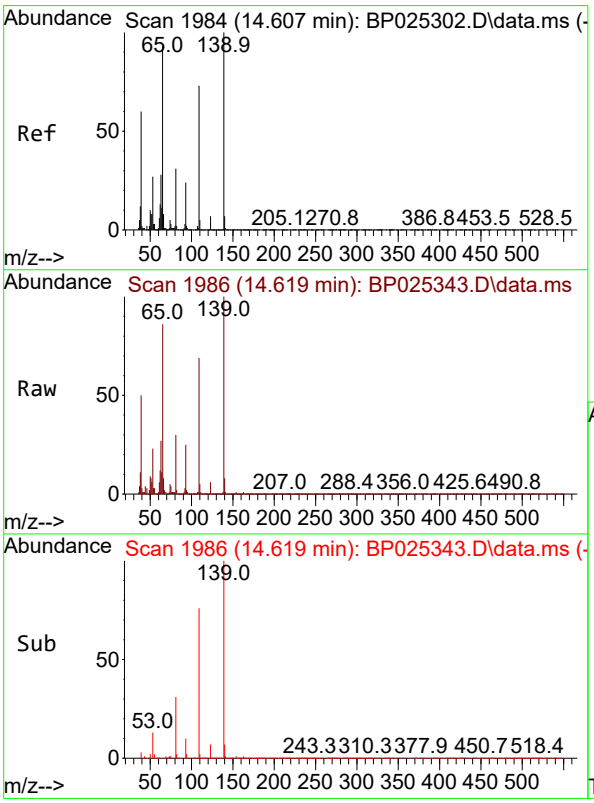
Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	13.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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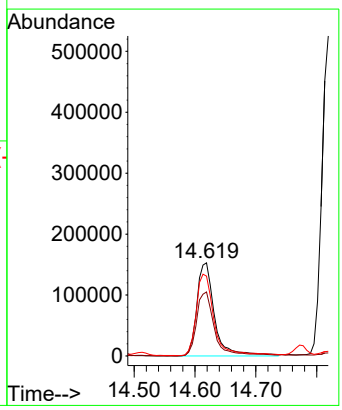
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

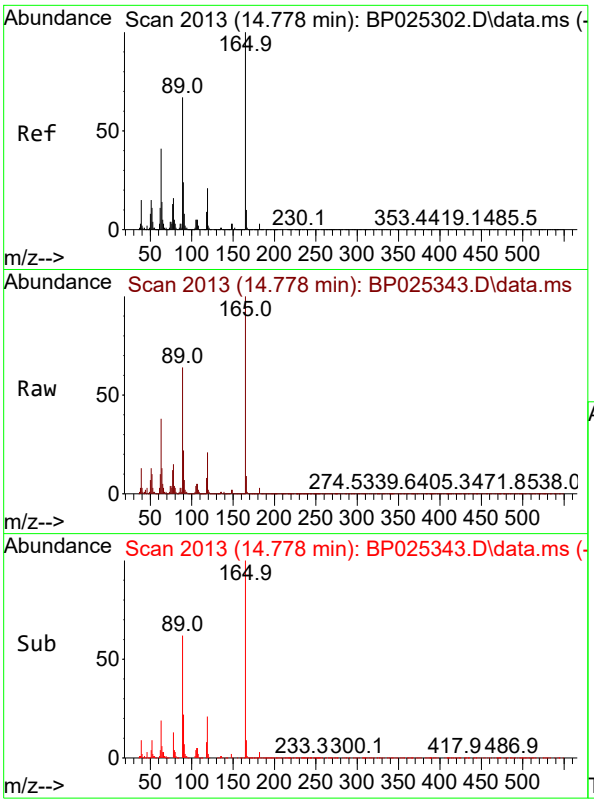


#56
4-Nitrophenol
Concen: 39.715 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:139 Resp: 308271

Ion	Ratio	Lower	Upper
139	100		
109	68.7	52.7	92.7
65	85.8	73.4	113.4

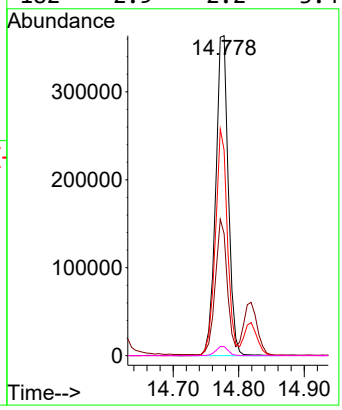




#57
2,4-Dinitrotoluene
Concen: 41.915 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:165 Resp: 48321

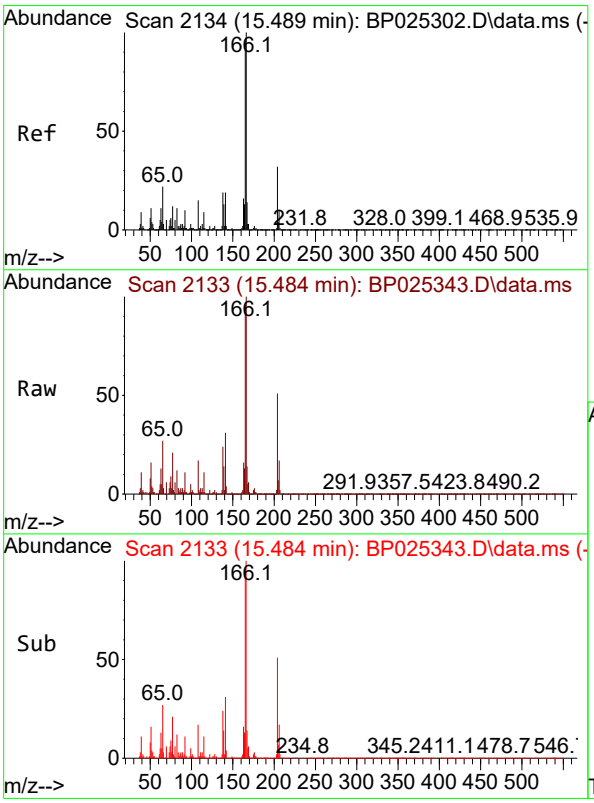
Ion	Ratio	Lower	Upper
165	100		
63	38.1	33.2	49.8
89	64.2	53.5	80.3
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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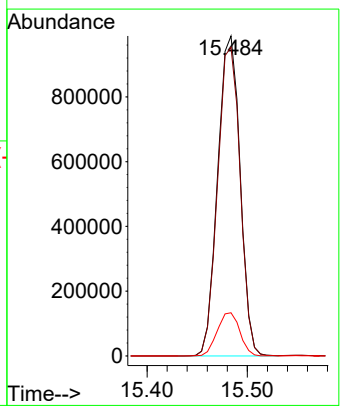
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

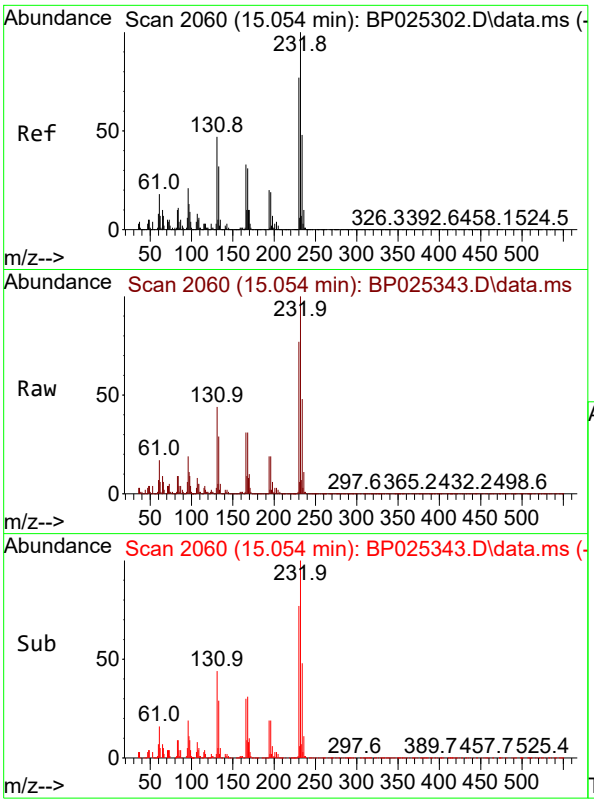


#58
Fluorene
Concen: 40.836 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:166 Resp: 1532588

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.5	10.9	16.3

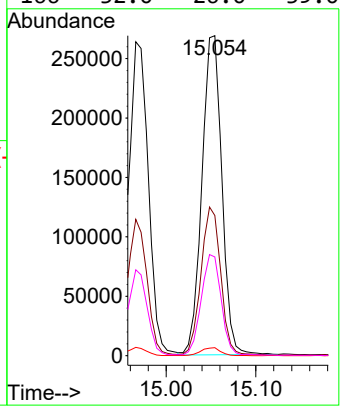




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.958 ng
RT: 15.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:232 Resp: 41531

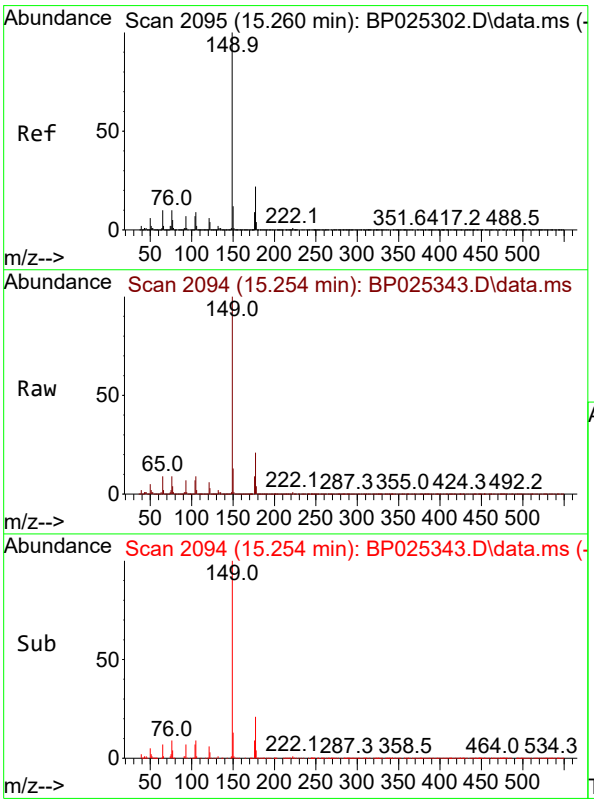
Ion	Ratio	Lower	Upper
232	100		
131	46.1	39.3	58.9
130	2.5	2.2	3.2
166	32.0	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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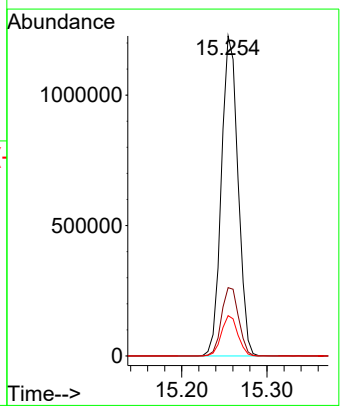
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

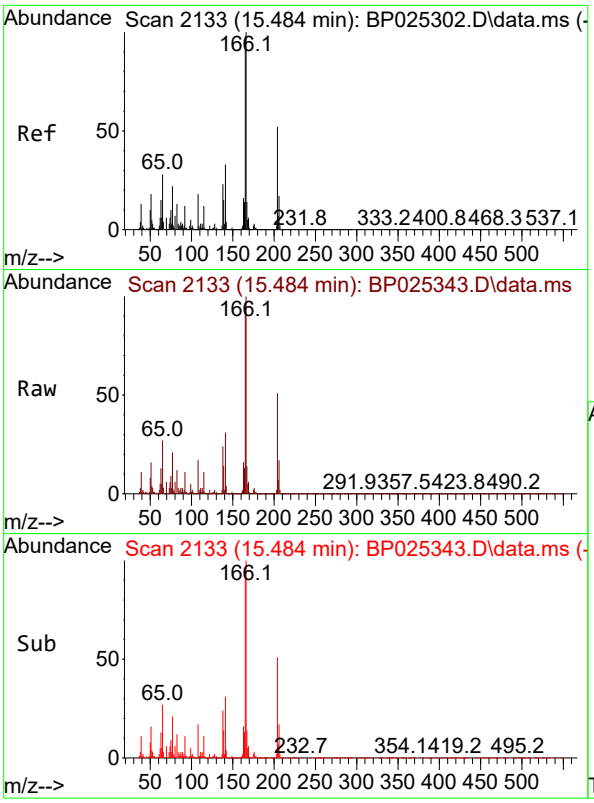


#60
Diethylphthalate
Concen: 40.427 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:149 Resp: 1660802

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.8	14.8

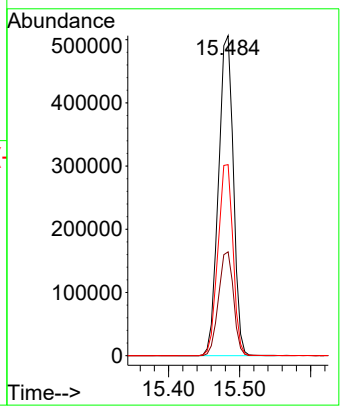




#61
4-Chlorophenyl-phenylether
Concen: 41.227 ng
RT: 15.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:204 Resp: 73352

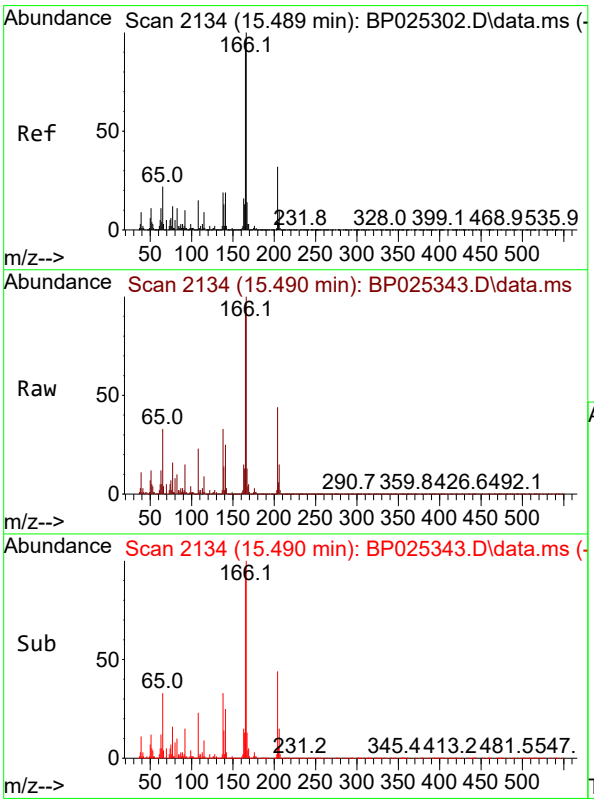
Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.0	40.4
141	59.7	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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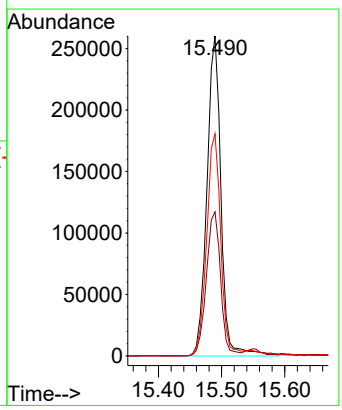
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

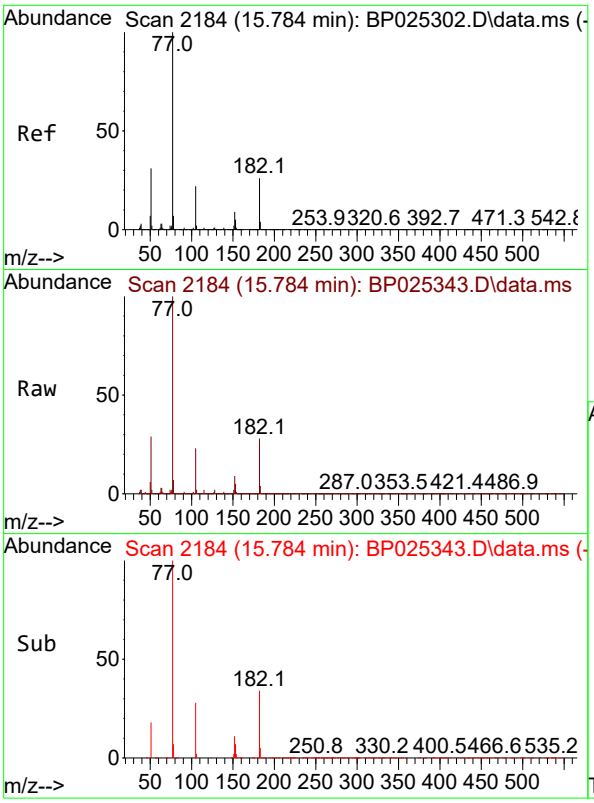


#62
4-Nitroaniline
Concen: 46.001 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:138 Resp: 400872

Ion	Ratio	Lower	Upper
138	100		
92	45.1	29.8	69.8
108	69.4	56.6	96.6

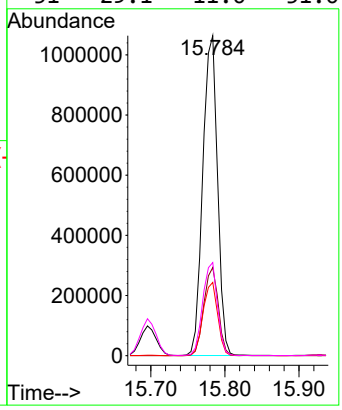




#63
Azobenzene
Concen: 38.459 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion: 77 Resp: 146774

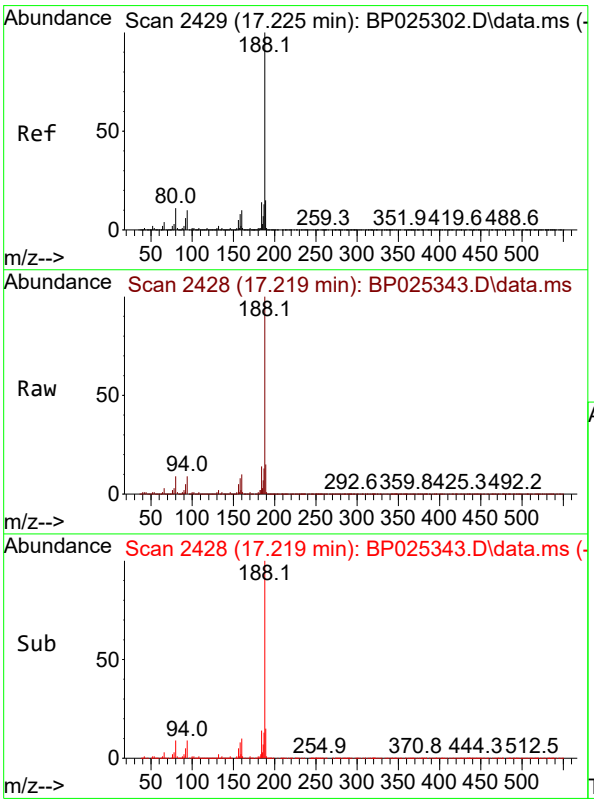
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.0	46.0
105	22.9	2.1	42.1
51	29.1	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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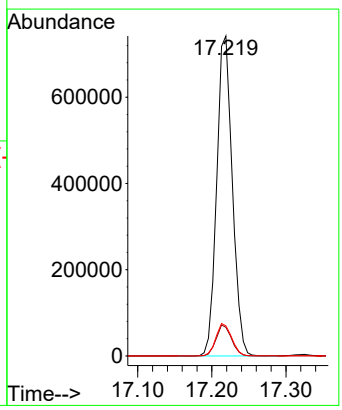
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

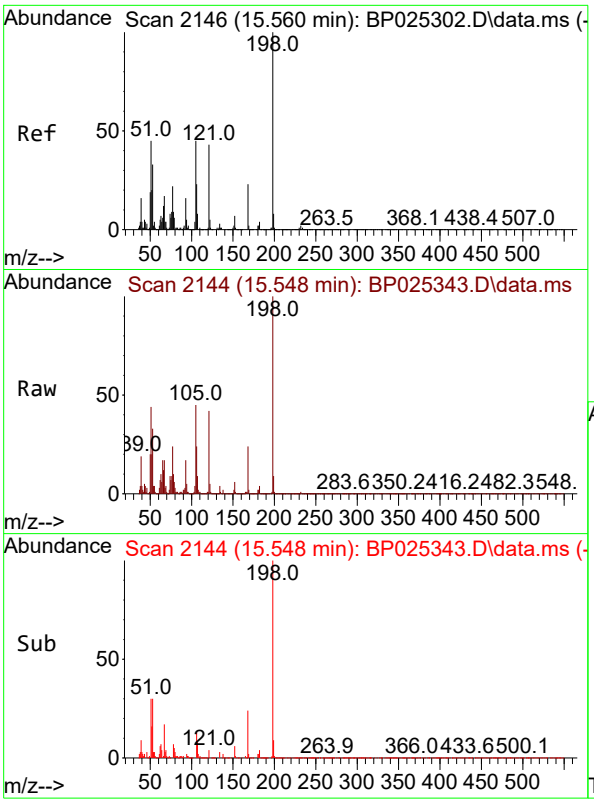


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:188 Resp: 1086110

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.4	8.5	12.7

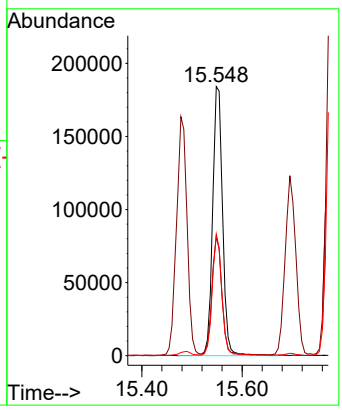




#65
4,6-Dinitro-2-methylphenol
Concen: 51.208 ng
RT: 15.548 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:198 Resp: 25266

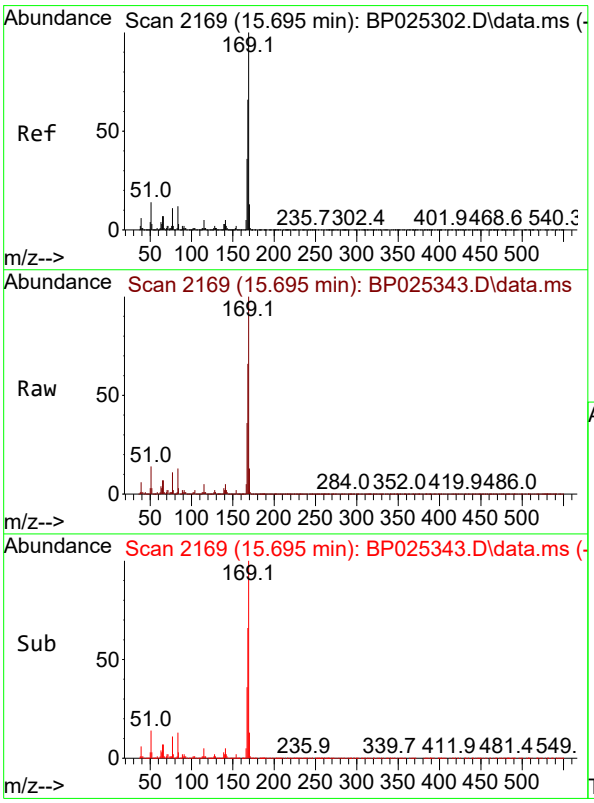
Ion	Ratio	Lower	Upper
198	100		
51	44.2	26.7	66.7
105	45.2	25.6	65.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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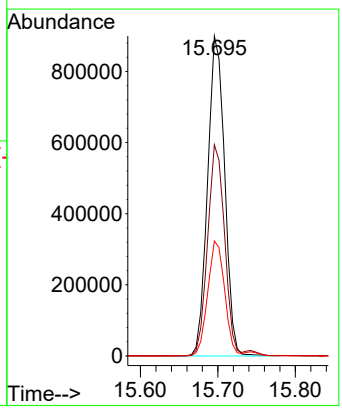
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

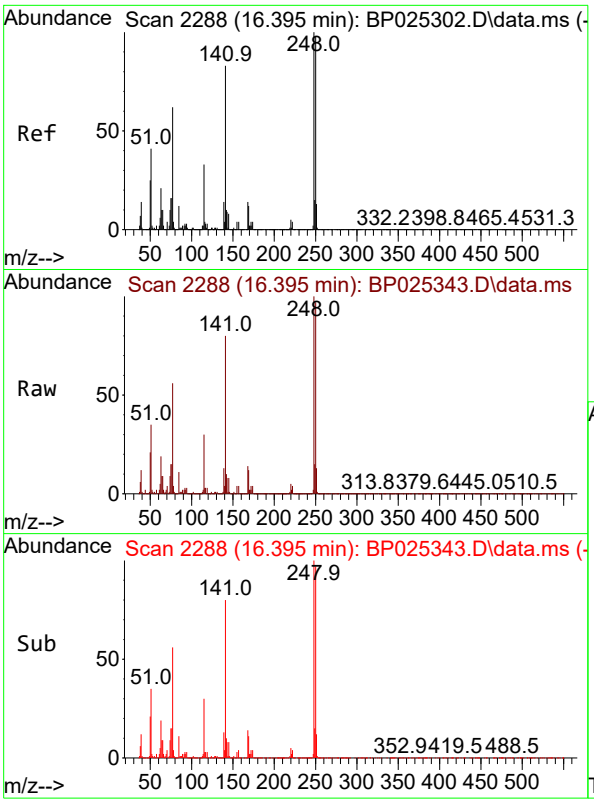


#66
n-Nitrosodiphenylamine
Concen: 41.592 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:169 Resp: 1375450

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	35.9	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 42.229 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

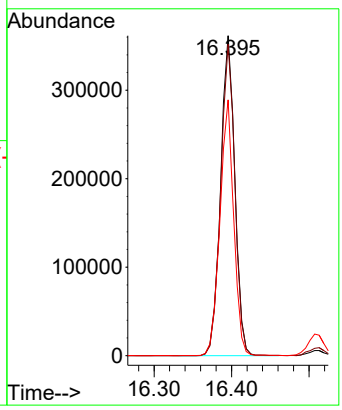
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

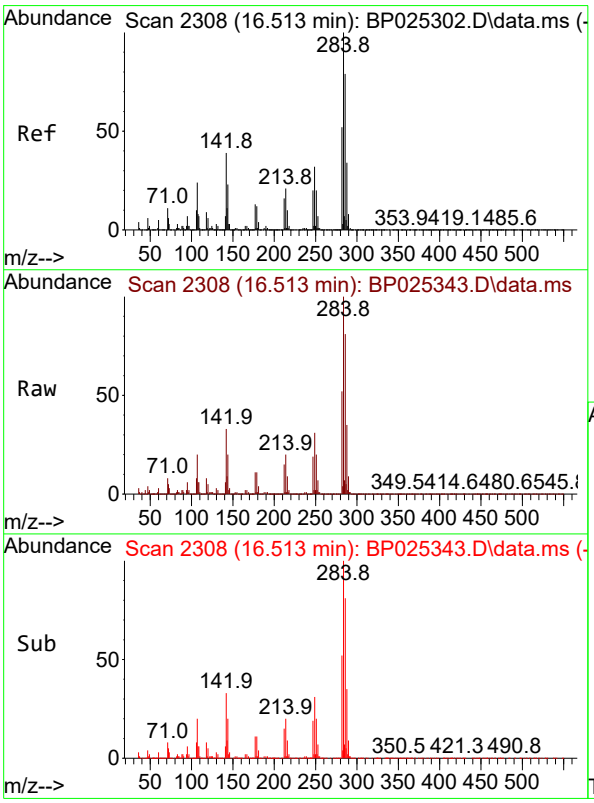
Tgt Ion:248 Resp: 46148

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.6	117.8
141	80.0	66.6	99.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

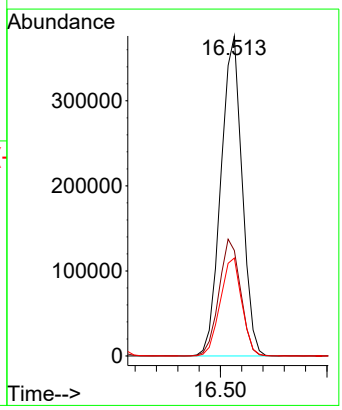


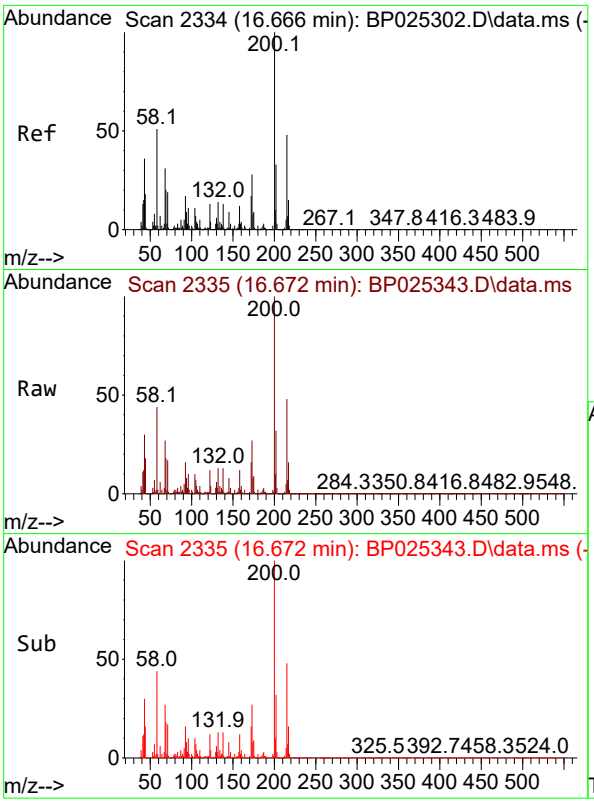


#68
Hexachlorobenzene
Concen: 42.370 ng
RT: 16.513 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:284 Resp: 519543

Ion	Ratio	Lower	Upper
284	100		
142	32.9	30.8	46.2
249	30.6	25.4	38.0

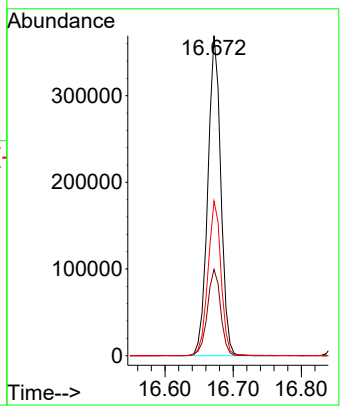




#69
Atrazine
Concen: 42.051 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:200 Resp: 48904

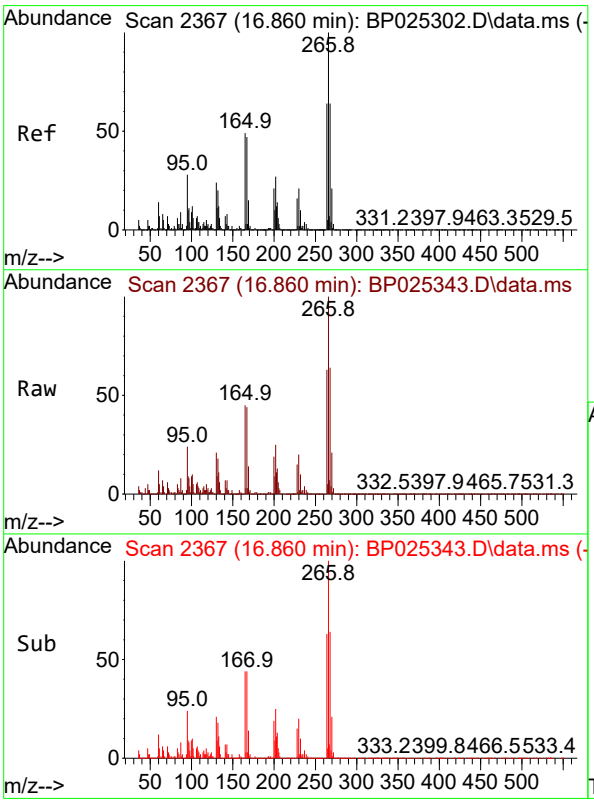
Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.2	48.2
215	48.3	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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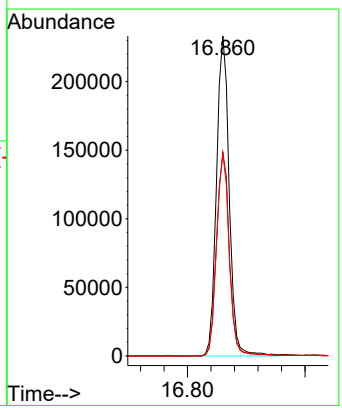
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

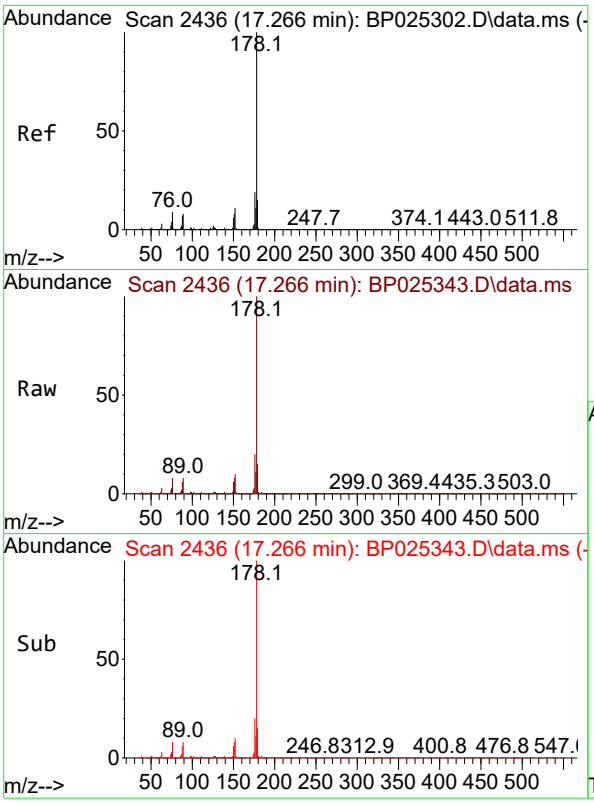


#70
Pentachlorophenol
Concen: 44.579 ng
RT: 16.860 min Scan# 2367
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:266 Resp: 348264

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.0
264	63.2	51.1	76.7





#71
Phenanthrene
Concen: 40.897 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

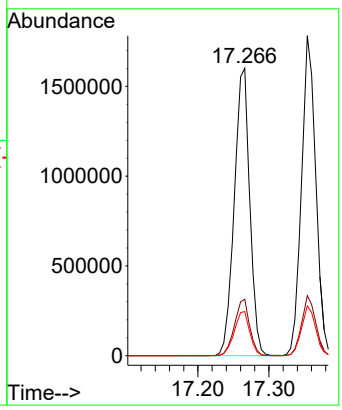
Tgt Ion:178 Resp: 243284

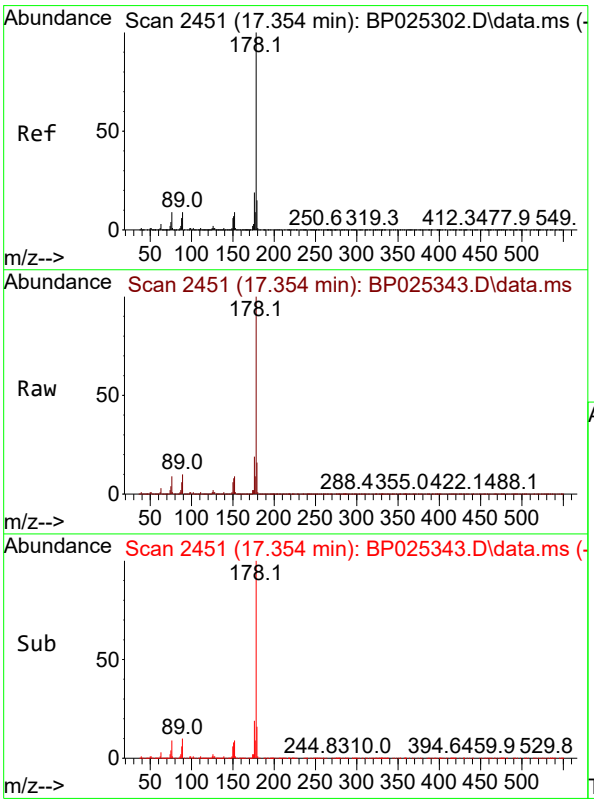
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.4	12.1	18.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

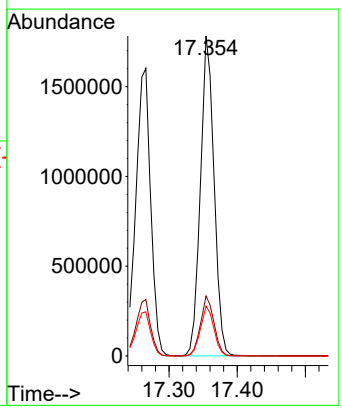


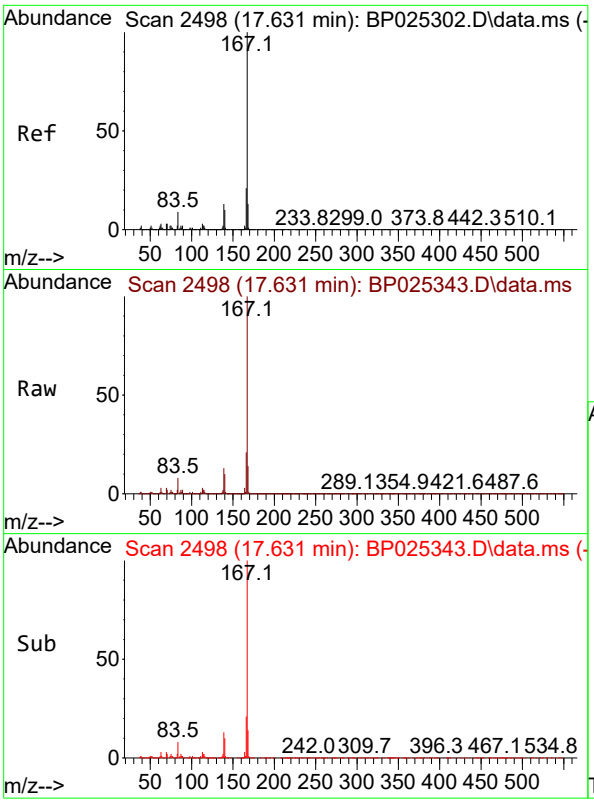


#72
Anthracene
Concen: 41.382 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:178 Resp: 2482165

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.3	18.5

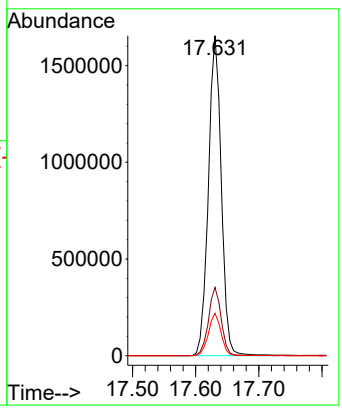




#73
Carbazole
Concen: 40.718 ng
RT: 17.631 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:167 Resp: 234440

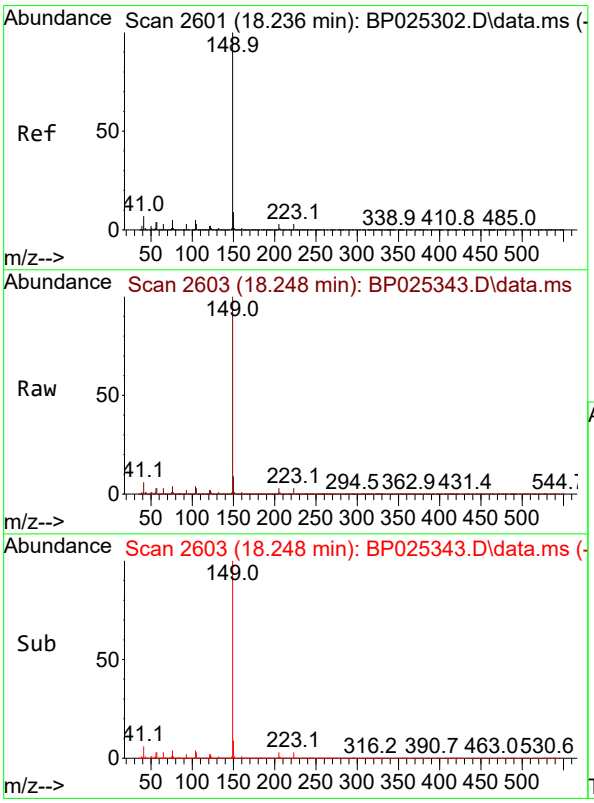
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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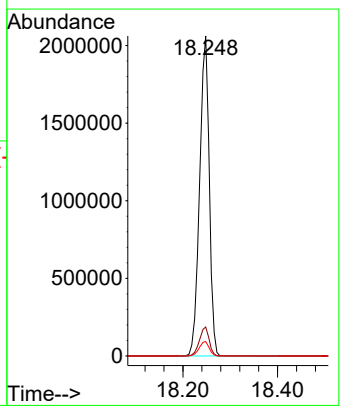
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

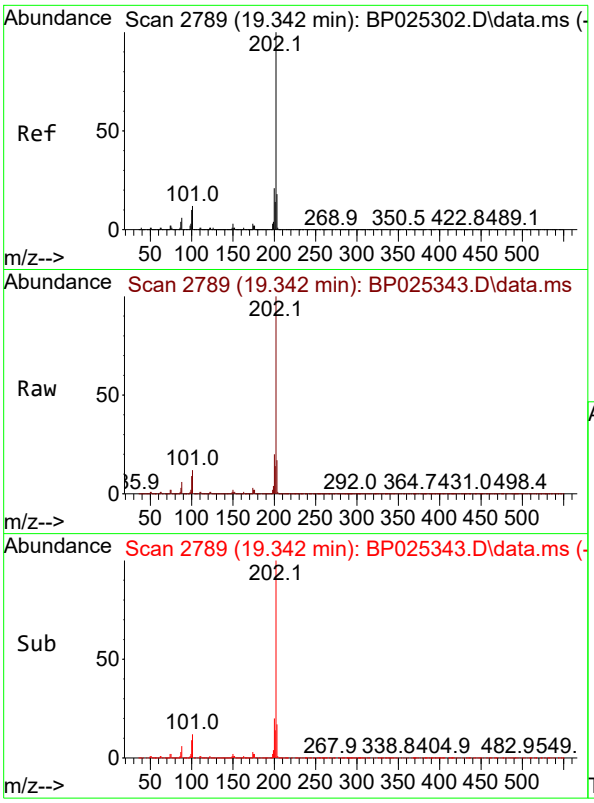


#74
Di-n-butylphthalate
Concen: 41.782 ng
RT: 18.248 min Scan# 2603
Delta R.T. 0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:149 Resp: 2910329

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.5	4.1	6.1

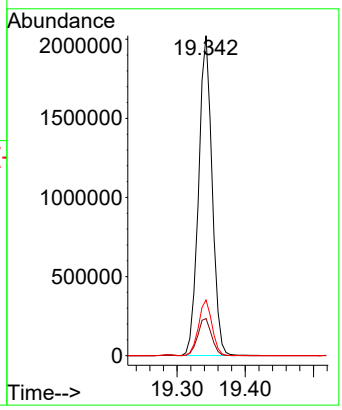




#75
Fluoranthene
Concen: 40.322 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:202 Resp: 2776749

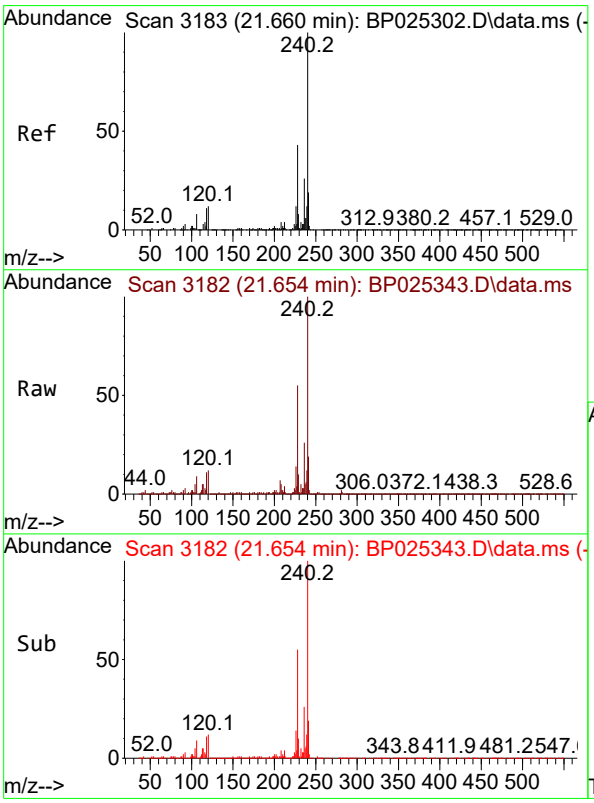
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.5
203	17.4	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

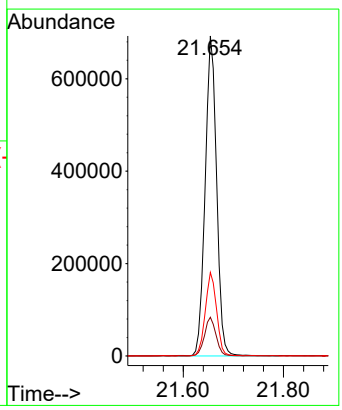
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

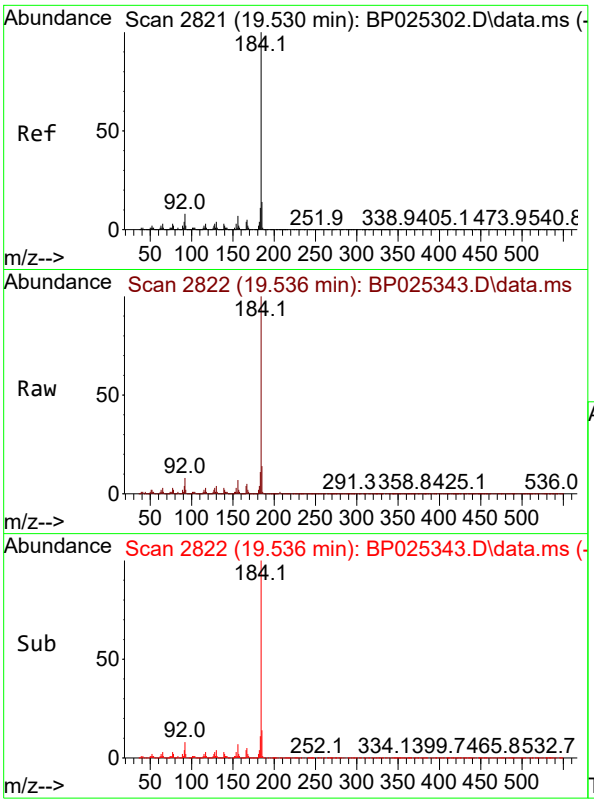


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:240 Resp: 1099613

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	26.1	20.4	30.6

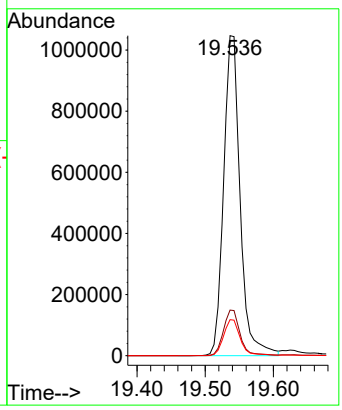




#77
Benzidine
Concen: 44.264 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:184 Resp: 176168

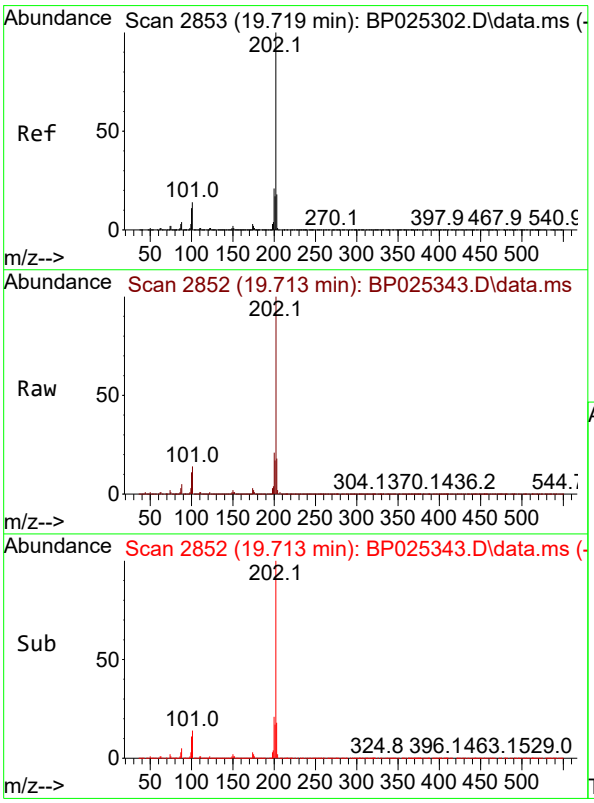
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	11.2	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

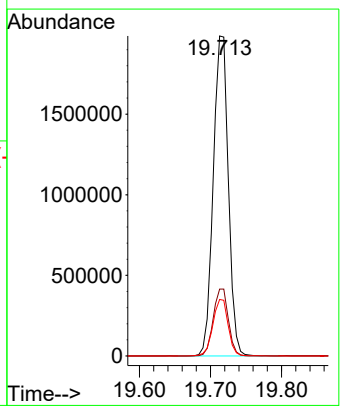
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

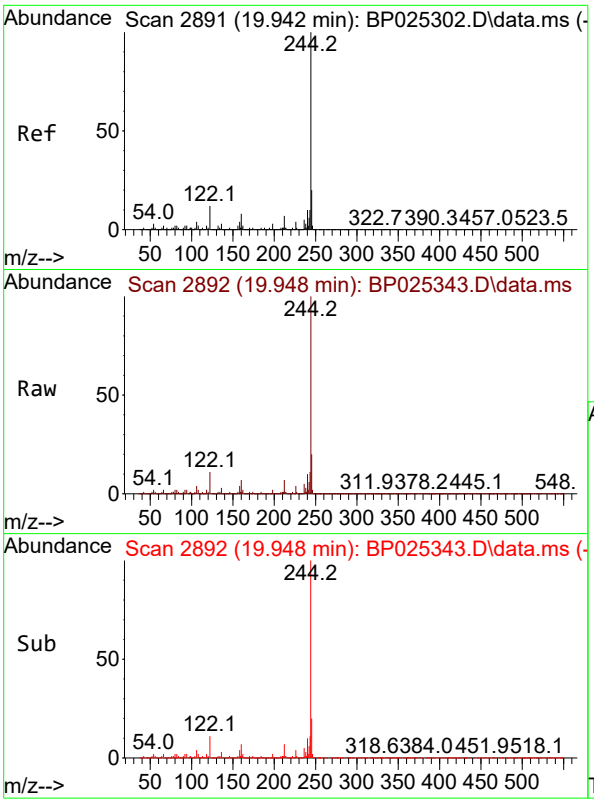


#78
Pyrene
Concen: 39.896 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:202 Resp: 2917301

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	14.1	21.1

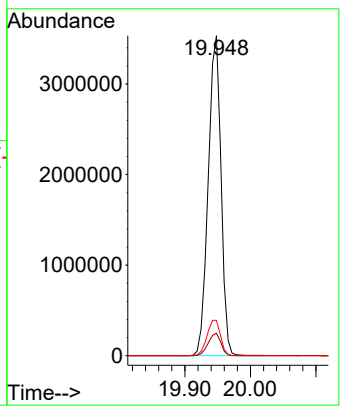




#79
Terphenyl-d14
Concen: 82.508 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:244 Resp: 480344

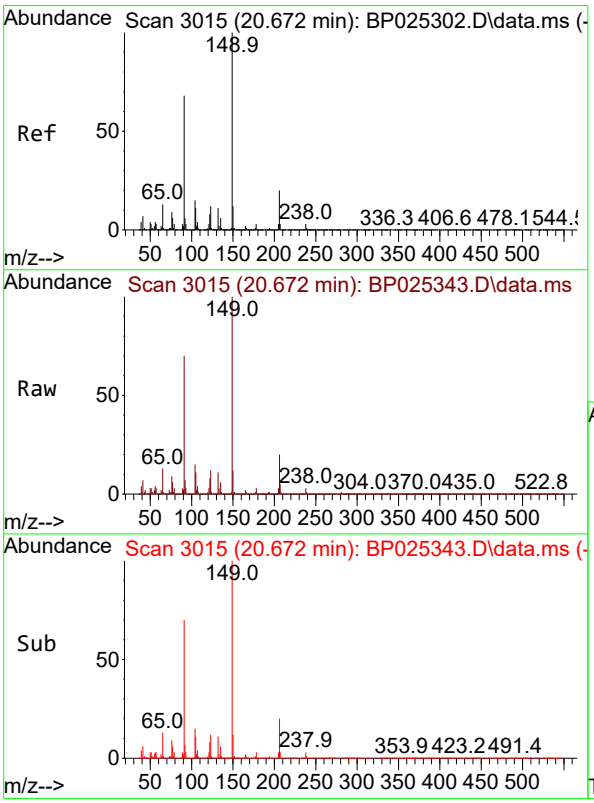
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.0	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

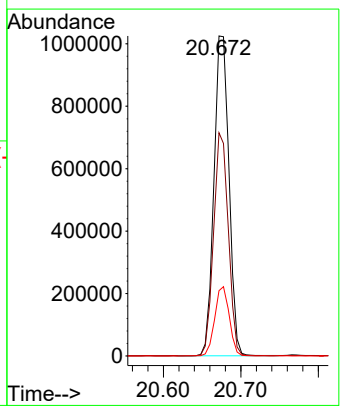
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

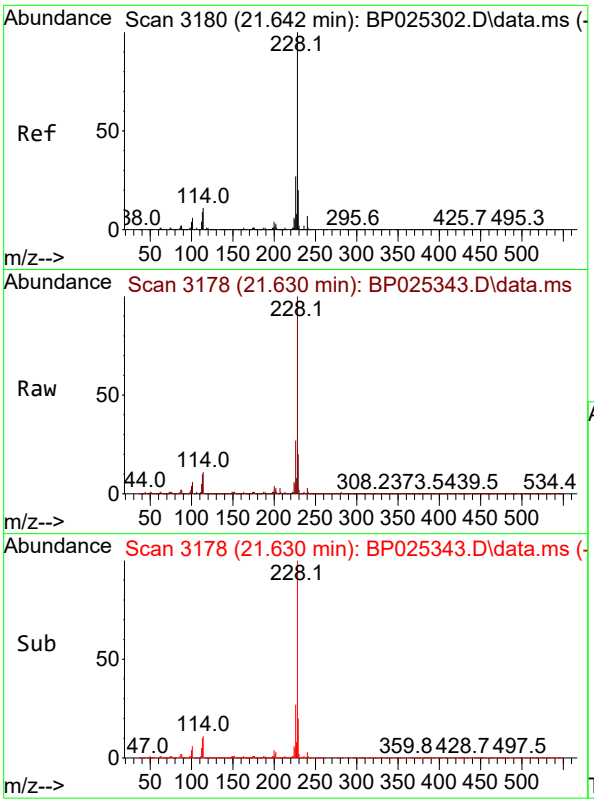


#80
Butylbenzylphthalate
Concen: 46.590 ng
RT: 20.672 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:149 Resp: 1381650

Ion	Ratio	Lower	Upper
149	100		
91	69.7	54.7	82.1
206	20.4	16.4	24.6

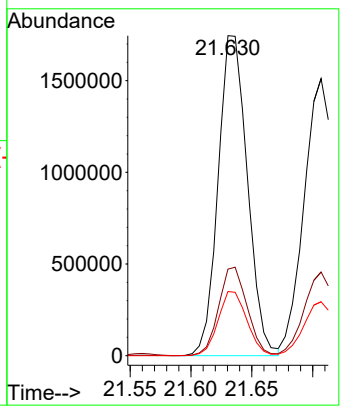




#81
Benzo(a)anthracene
Concen: 39.997 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:228 Resp: 292268

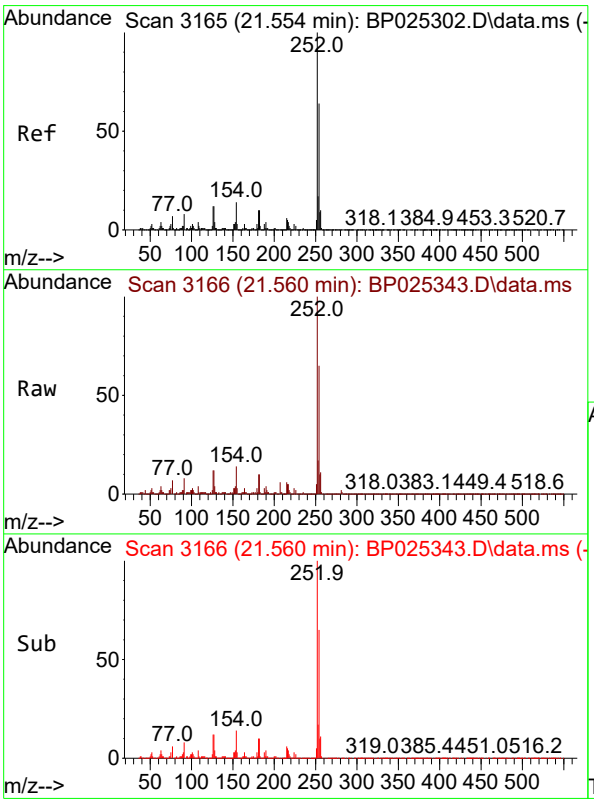
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

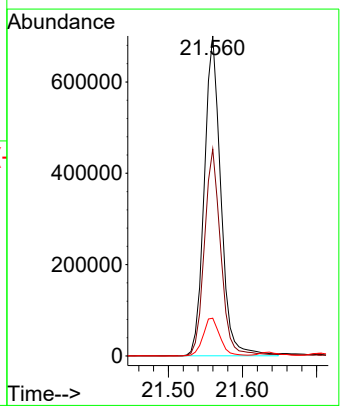
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

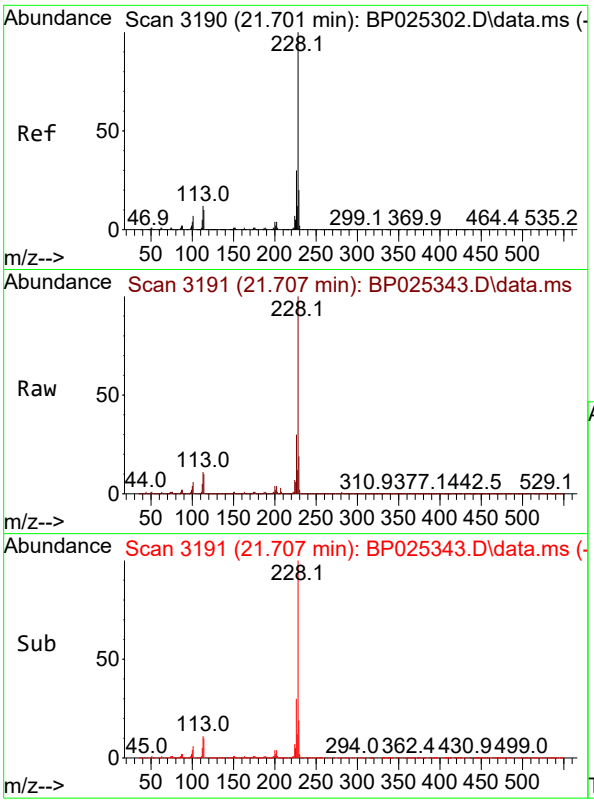


#82
3,3'-Dichlorobenzidine
Concen: 42.261 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:252 Resp: 1089544

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.6
126	11.8	9.4	14.2

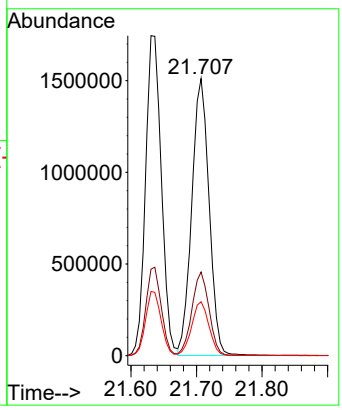




#83
Chrysene
Concen: 40.942 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:228 Resp: 277483

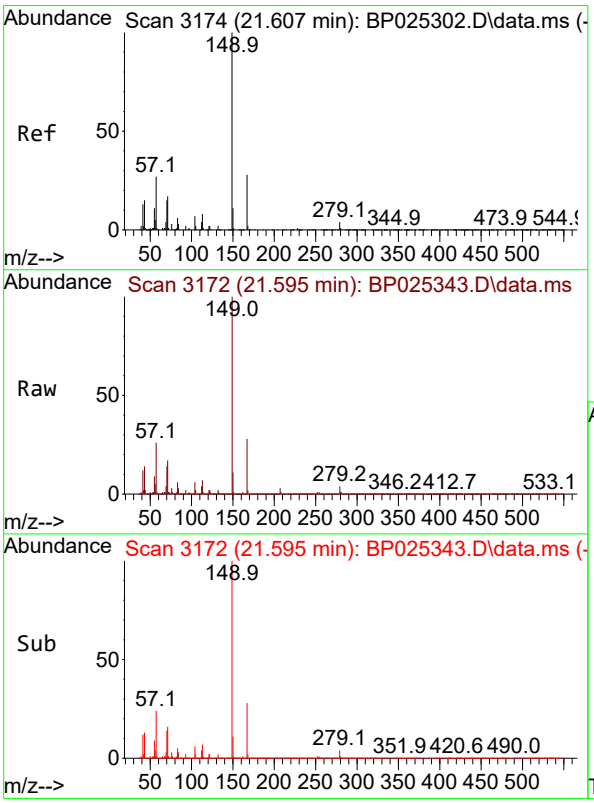
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

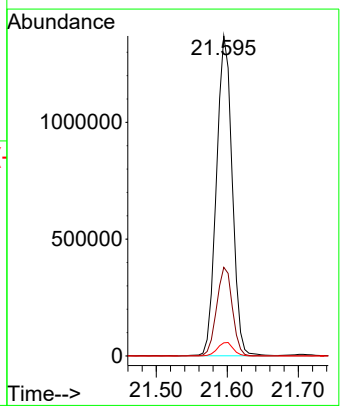
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

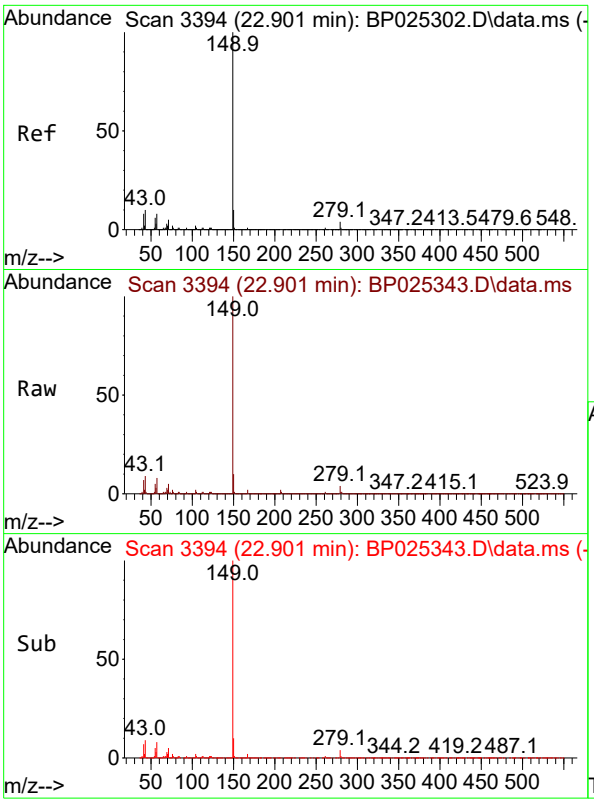


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.352 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:149 Resp: 2100204

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 45.673 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

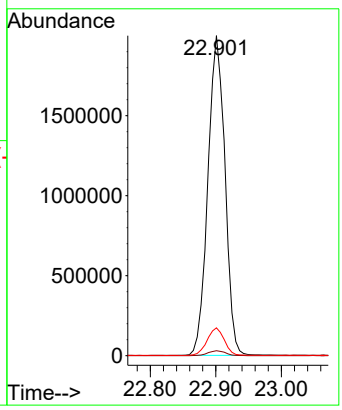
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

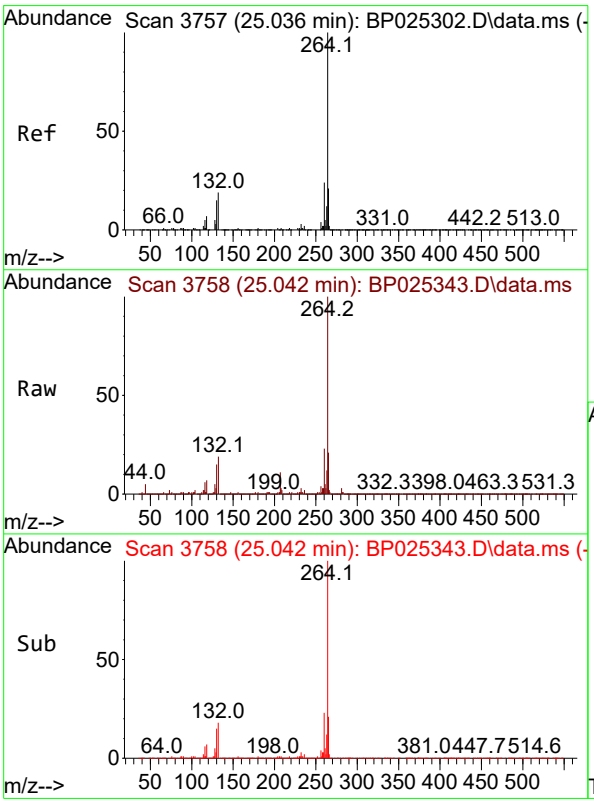
Tgt Ion:149 Resp: 362005

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.9	11.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

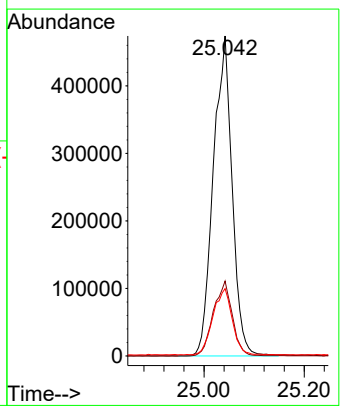


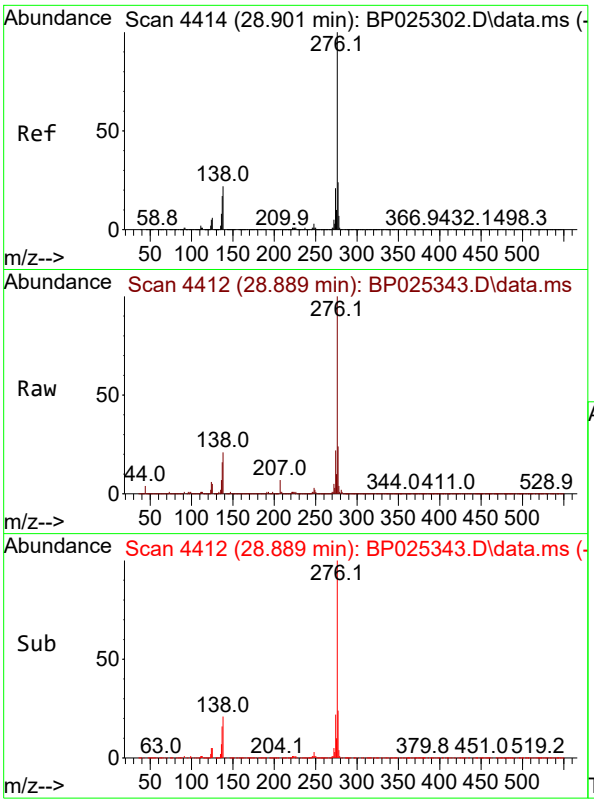


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:264 Resp: 1235980

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.1	25.7

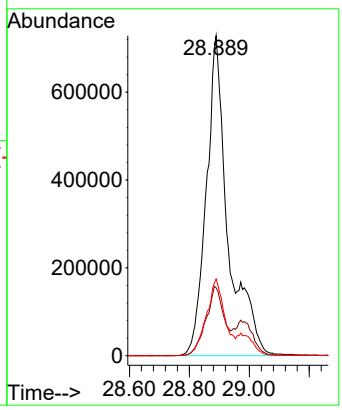




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.434 ng m
RT: 28.889 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:276 Resp: 367061

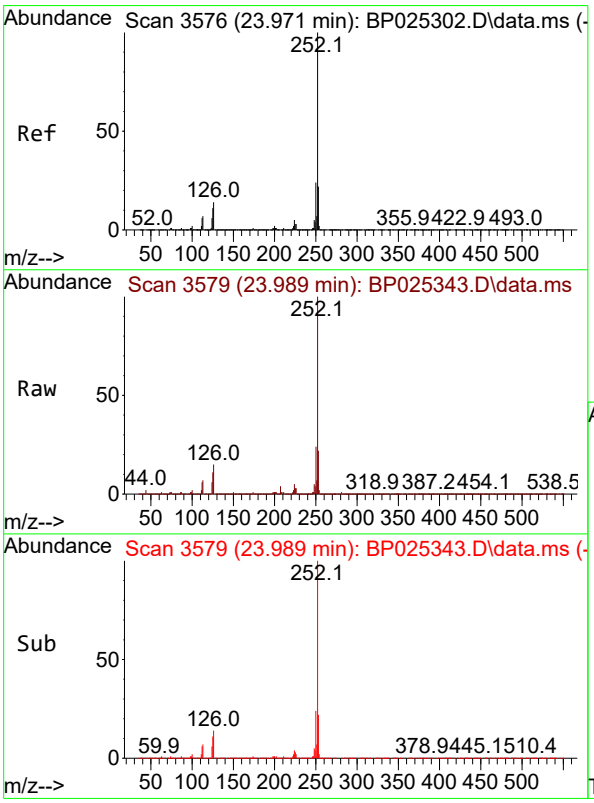
Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.6	22.0
277	20.4	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

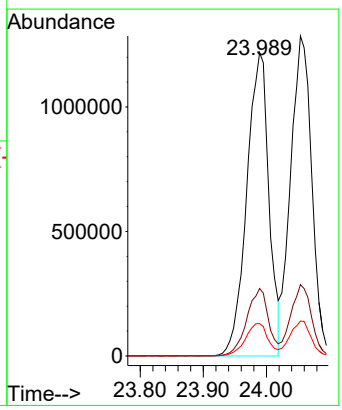
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

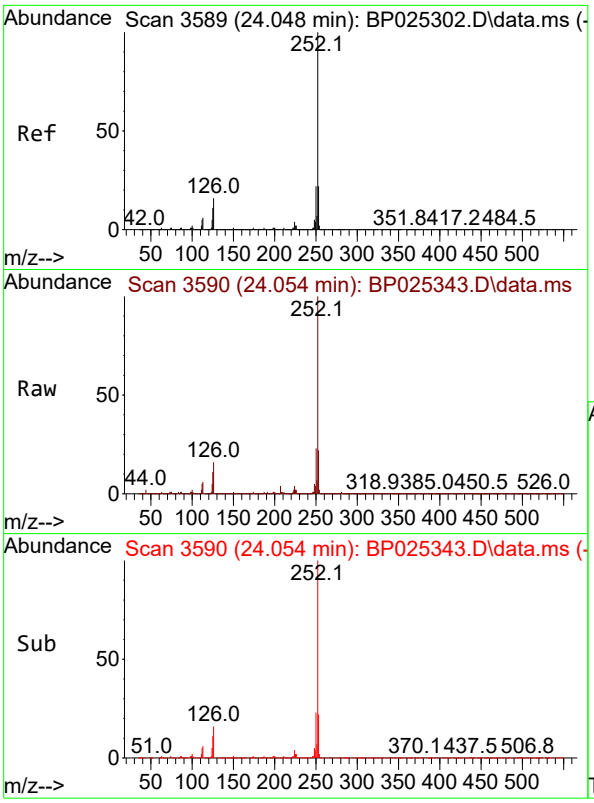


#88
Benzo(b)fluoranthene
Concen: 40.105 ng
RT: 23.989 min Scan# 3579
Delta R.T. 0.018 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:252 Resp: 2967263

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.7	8.5	12.7





#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 24.054 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

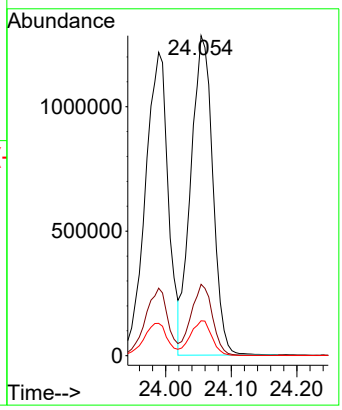
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

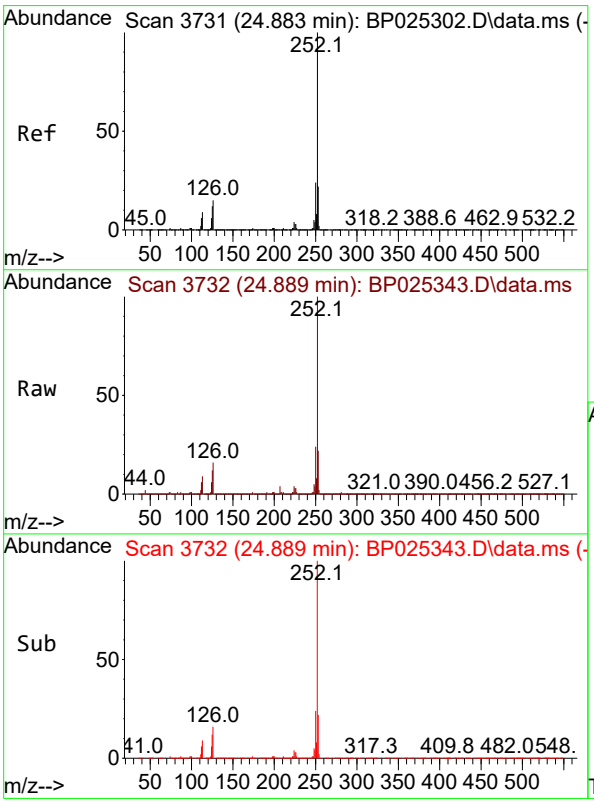
Tgt Ion:252 Resp: 298120

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.9	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

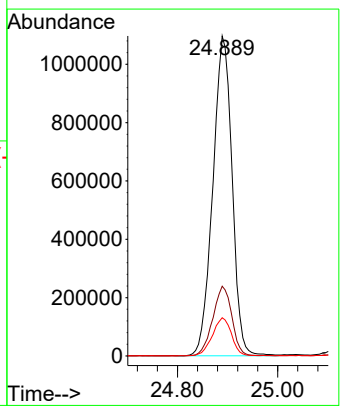


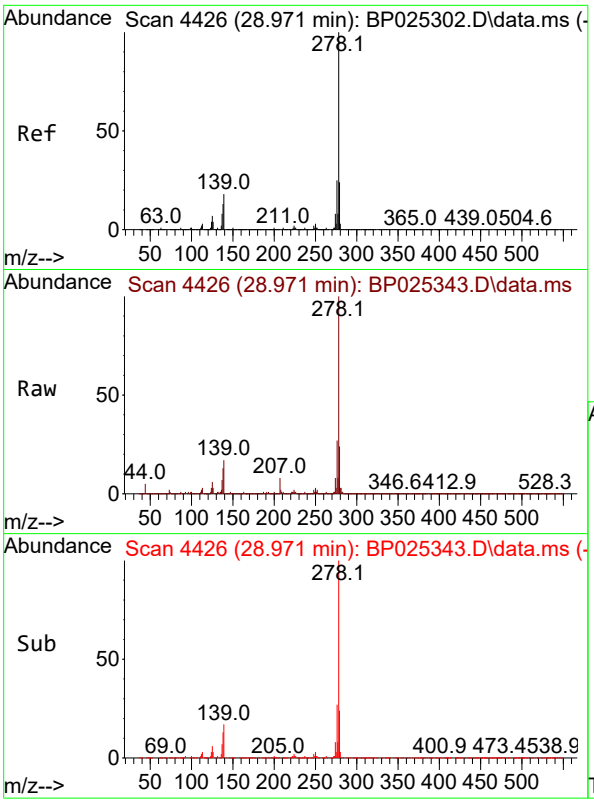


#90
Benzo(a)pyrene
Concen: 41.049 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:252 Resp: 2924780

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.0	9.4	14.0

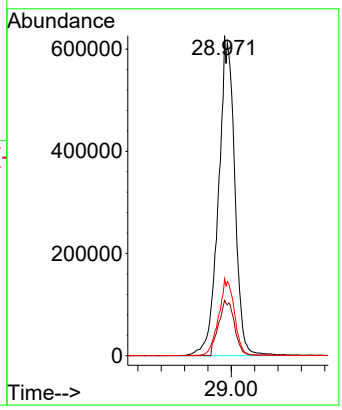




#91
Dibenzo(a,h)anthracene
Concen: 41.711 ng
RT: 28.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:278 Resp: 302631

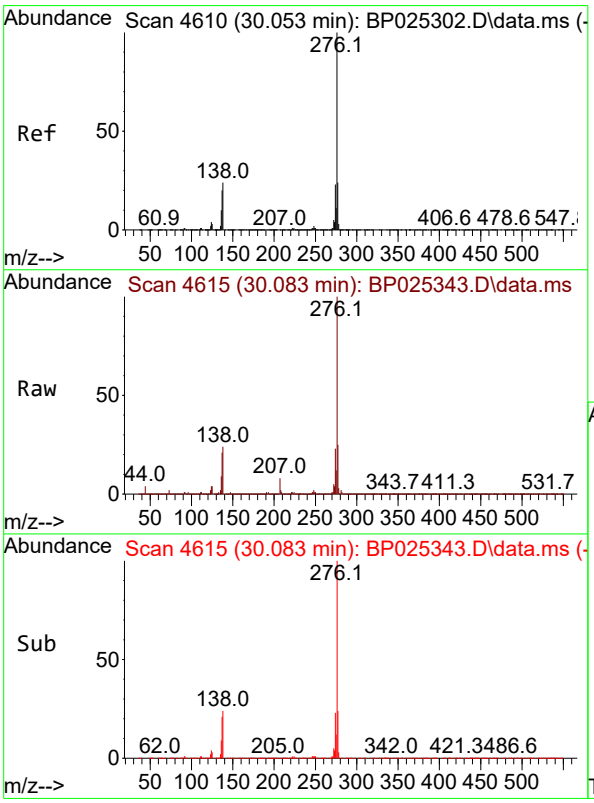
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.6	22.0
279	24.0	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

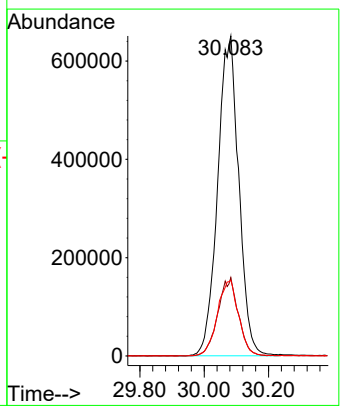
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#92
Benzo(g,h,i)perylene
Concen: 41.661 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025343.D
Acq: 11 Aug 2025 11:08

Tgt Ion:276 Resp: 2966546

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	23.6	19.1	28.7



Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	107	0.00
2		1,4-Dioxane	0.491	0.501	-2.0	112	0.00
3		Pyridine	1.363	1.312	3.7	105	0.00
4		n-Nitrosodimethylamine	0.633	0.544	14.1	95	0.00
5	S	2-Fluorophenol	1.244	1.237	0.6	108	0.00
6		Aniline	2.247	2.062	8.2	100	0.00
7	S	Phenol-d6	1.637	1.492	8.9	98	0.00
8		2-Chlorophenol	1.361	1.339	1.6	106	0.00
9		Benzaldehyde	1.162	1.236	-6.4	95	0.00
10	C	Phenol	1.751	1.572	10.2	97	0.00
11		bis(2-Chloroethyl)ether	1.372	1.273	7.2	102	0.00
12		1,3-Dichlorobenzene	1.529	1.525	0.3	111	0.00
13	C	1,4-Dichlorobenzene	1.547	1.539	0.5	109	0.00
14		1,2-Dichlorobenzene	1.499	1.483	1.1	109	0.00
15		Benzyl Alcohol	1.269	1.119	11.8	97	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.784	17.7	91	0.00
17		2-Methylphenol	1.172	1.079	7.9	98	0.00
18		Hexachloroethane	0.553	0.561	-1.4	111	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	0.972	9.6	97	0.00
20		3+4-Methylphenols	1.613	1.459	9.5	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.502	0.492	2.0	99	0.00
23	S	Nitrobenzene-d5	0.361	0.389	-7.8	103	0.00
24		Nitrobenzene	0.342	0.347	-1.5	100	0.00
25		Isophorone	0.719	0.689	4.2	96	0.00
26	C	2-Nitrophenol	0.126	0.173	-37.3#	134	0.00
27		2,4-Dimethylphenol	0.331	0.312	5.7	96	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.423	3.2	97	0.00
29	C	2,4-Dichlorophenol	0.290	0.299	-3.1	100	0.00
30		1,2,4-Trichlorobenzene	0.320	0.332	-3.8	106	0.00
31		Naphthalene	1.038	1.037	0.1	101	0.00
32		Benzoic acid	0.168	0.215	-28.0#	127	0.00
33		4-Chloroaniline	0.462	0.445	3.7	96	-0.01
34	C	Hexachlorobutadiene	0.184	0.197	-7.1	109	0.00
35		Caprolactam	0.113	0.110	2.7	95	0.01
36	C	4-Chloro-3-methylphenol	0.336	0.332	1.2	97	0.00
37		2-Methylnaphthalene	0.672	0.670	0.3	101	0.00
38		1-Methylnaphthalene	0.701	0.708	-1.0	103	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.546	0.575	-5.3	106	0.00
41	P	Hexachlorocyclopentadiene	0.337	0.382	-13.4	116	0.00
42	S	2,4,6-Tribromophenol	0.200	0.238	-19.0	113	0.00
43	C	2,4,6-Trichlorophenol	0.353	0.386	-9.3	106	0.00
44		2,4,5-Trichlorophenol	0.396	0.427	-7.8	104	0.00
45	S	2-Fluorobiphenyl	1.448	1.480	-2.2	103	0.00
46		1,1'-Biphenyl	1.474	1.480	-0.4	103	0.00
47		2-Chloronaphthalene	1.124	1.149	-2.2	105	0.00

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	0.288	0.328	-13.9	108	-0.01
49		Acenaphthylene	1.876	1.878	-0.1	101	-0.01
50		Dimethylphthalate	1.458	1.445	0.9	102	0.00
51		2,6-Dinitrotoluene	0.269	0.307	-14.1	108	0.00
52	C	Acenaphthene	1.144	1.181	-3.2	107	-0.01
53		3-Nitroaniline	0.315	0.361	-14.6	109	0.00
54	P	2,4-Dinitrophenol	0.105	0.147	-40.0#	155#	0.00
55		Dibenzofuran	1.710	1.742	-1.9	104	-0.01
56	P	4-Nitrophenol	0.278	0.276	0.7	98	0.01
57		2,4-Dinitrotoluene	0.359	0.432	-20.3	112	0.00
58		Fluorene	1.343	1.371	-2.1	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.372	-12.4	109	0.00
60		Diethylphthalate	1.470	1.486	-1.1	104	0.00
61		4-Chlorophenyl-phenylether	0.637	0.656	-3.0	105	0.00
62		4-Nitroaniline	0.312	0.359	-15.1	107	0.00
63		Azobenzene	1.366	1.313	3.9	98	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	0.080	0.116	-45.0#	153#	-0.01
66	c	n-Nitrosodiphenylamine	0.609	0.633	-3.9	104	0.00
67		4-Bromophenyl-phenylether	0.201	0.212	-5.5	106	0.00
68		Hexachlorobenzene	0.226	0.239	-5.8	108	0.00
69		Atrazine	0.214	0.225	-5.1	105	0.00
70	C	Pentachlorophenol	0.144	0.160	-11.1	110	0.00
71		Phenanthrene	1.095	1.120	-2.3	103	0.00
72		Anthracene	1.105	1.143	-3.4	103	0.00
73		Carbazole	1.060	1.079	-1.8	102	0.00
74		Di-n-butylphthalate	1.283	1.340	-4.4	103	0.01
75	C	Fluoranthene	1.268	1.278	-0.8	101	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.724	0.801	-10.6	83	0.00
78		Pyrene	1.330	1.327	0.2	103	0.00
79	S	Terphenyl-d14	1.059	1.092	-3.1	105	0.00
80		Butylbenzylphthalate	0.539	0.628	-16.5	111	0.00
81		Benzo(a)anthracene	1.329	1.329	0.0	102	-0.01
82		3,3'-Dichlorobenzidine	0.469	0.495	-5.5	105	0.00
83		Chrysene	1.233	1.262	-2.4	104	0.00
84		Bis(2-ethylhexyl)phthalate	0.861	0.955	-10.9	107	-0.01
85	c	Di-n-octyl phthalate	1.442	1.646	-14.1	110	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	1.434	1.485	-3.6	101	-0.01
88		Benzo(b)fluoranthene	1.197	1.200	-0.3	100	0.02
89		Benzo(k)fluoranthene	1.187	1.206	-1.6	101	0.00
90	C	Benzo(a)pyrene	1.153	1.183	-2.6	100	0.00
91		Dibenzo(a,h)anthracene	1.174	1.224	-4.3	101	0.00
92		Benzo(g,h,i)perylene	1.152	1.200	-4.2	102	0.03

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	107	0.00
2		1,4-Dioxane	40.000	40.837	-2.1	112	0.00
3		Pyridine	40.000	38.493	3.8	105	0.00
4		n-Nitrosodimethylamine	40.000	34.374	14.1	95	0.00
5	S	2-Fluorophenol	80.000	79.575	0.5	108	0.00
6		Aniline	40.000	36.719	8.2	100	0.00
7	S	Phenol-d6	80.000	72.921	8.8	98	0.00
8		2-Chlorophenol	40.000	39.345	1.6	106	0.00
9		Benzaldehyde	40.000	42.522	-6.3	95	0.00
10	C	Phenol	40.000	35.920	10.2	97	0.00
11		bis(2-Chloroethyl)ether	40.000	37.122	7.2	102	0.00
12		1,3-Dichlorobenzene	40.000	39.897	0.3	111	0.00
13	C	1,4-Dichlorobenzene	40.000	39.793	0.5	109	0.00
14		1,2-Dichlorobenzene	40.000	39.578	1.1	109	0.00
15		Benzyl Alcohol	40.000	35.291	11.8	97	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	32.919	17.7	91	0.00
17		2-Methylphenol	40.000	36.820	7.9	98	0.00
18		Hexachloroethane	40.000	40.571	-1.4	111	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.175	9.6	97	0.00
20		3+4-Methylphenols	40.000	36.176	9.6	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	39.192	2.0	99	0.00
23	S	Nitrobenzene-d5	80.000	86.192	-7.7	103	0.00
24		Nitrobenzene	40.000	40.670	-1.7	100	0.00
25		Isophorone	40.000	38.366	4.1	96	0.00
26	C	2-Nitrophenol	40.000	46.643	-16.6	134	0.00
27		2,4-Dimethylphenol	40.000	37.721	5.7	96	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.663	3.3	97	0.00
29	C	2,4-Dichlorophenol	40.000	41.201	-3.0	100	0.00
30		1,2,4-Trichlorobenzene	40.000	41.546	-3.9	106	0.00
31		Naphthalene	40.000	39.957	0.1	101	0.00
32		Benzoic acid	40.000	46.273	-15.7	127	0.00
33		4-Chloroaniline	40.000	38.525	3.7	96	-0.01
34	C	Hexachlorobutadiene	40.000	42.873	-7.2	109	0.00
35		Caprolactam	40.000	39.027	2.4	95	0.01
36	C	4-Chloro-3-methylphenol	40.000	39.535	1.2	97	0.00
37		2-Methylnaphthalene	40.000	39.881	0.3	101	0.00
38		1-Methylnaphthalene	40.000	40.414	-1.0	103	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.118	-5.3	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.304	-13.3	116	0.00
42	S	2,4,6-Tribromophenol	80.000	95.603	-19.5	113	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.736	-9.3	106	0.00
44		2,4,5-Trichlorophenol	40.000	43.131	-7.8	104	0.00
45	S	2-Fluorobiphenyl	80.000	81.789	-2.2	103	0.00
46		1,1'-Biphenyl	40.000	40.176	-0.4	103	0.00
47		2-Chloronaphthalene	40.000	40.857	-2.1	105	0.00

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	40.385	-1.0	108	-0.01
49		Acenaphthylene	40.000	40.051	-0.1	101	-0.01
50		Dimethylphthalate	40.000	39.633	0.9	102	0.00
51		2,6-Dinitrotoluene	40.000	45.646	-14.1	108	0.00
52	C	Acenaphthene	40.000	41.283	-3.2	107	-0.01
53		3-Nitroaniline	40.000	45.838	-14.6	109	0.00
54	P	2,4-Dinitrophenol	40.000	50.859	-27.1#	155	0.00
55		Dibenzofuran	40.000	40.746	-1.9	104	-0.01
56	P	4-Nitrophenol	40.000	39.715	0.7	98	0.01
57		2,4-Dinitrotoluene	40.000	41.915	-4.8	112	0.00
58		Fluorene	40.000	40.836	-2.1	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.958	-12.4	109	0.00
60		Diethylphthalate	40.000	40.427	-1.1	104	0.00
61		4-Chlorophenyl-phenylether	40.000	41.227	-3.1	105	0.00
62		4-Nitroaniline	40.000	46.001	-15.0	107	0.00
63		Azobenzene	40.000	38.459	3.9	98	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	40.000	51.208	-28.0#	153	-0.01
66	c	n-Nitrosodiphenylamine	40.000	41.592	-4.0	104	0.00
67		4-Bromophenyl-phenylether	40.000	42.229	-5.6	106	0.00
68		Hexachlorobenzene	40.000	42.370	-5.9	108	0.00
69		Atrazine	40.000	42.051	-5.1	105	0.00
70	C	Pentachlorophenol	40.000	44.579	-11.4	110	0.00
71		Phenanthrene	40.000	40.897	-2.2	103	0.00
72		Anthracene	40.000	41.382	-3.5	103	0.00
73		Carbazole	40.000	40.718	-1.8	102	0.00
74		Di-n-butylphthalate	40.000	41.782	-4.5	103	0.01
75	C	Fluoranthene	40.000	40.322	-0.8	101	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	44.264	-10.7	83	0.00
78		Pyrene	40.000	39.896	0.3	103	0.00
79	S	Terphenyl-d14	80.000	82.508	-3.1	105	0.00
80		Butylbenzylphthalate	40.000	46.590	-16.5	111	0.00
81		Benzo(a)anthracene	40.000	39.997	0.0	102	-0.01
82		3,3'-Dichlorobenzidine	40.000	42.261	-5.7	105	0.00
83		Chrysene	40.000	40.942	-2.4	104	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.352	-10.9	107	-0.01
85	c	Di-n-octyl phthalate	40.000	45.673	-14.2	110	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.434	-3.6	101	-0.01
88		Benzo(b)fluoranthene	40.000	40.105	-0.3	100	0.02
89		Benzo(k)fluoranthene	40.000	40.646	-1.6	101	0.00
90	C	Benzo(a)pyrene	40.000	41.049	-2.6	100	0.00
91		Dibenzo(a,h)anthracene	40.000	41.711	-4.3	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.661	-4.2	102	0.03

Sample Results: **BP025343.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 11 12:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q2795

Instrument ID: BNA_P Calibration Date/Time: 08/12/2025 10:07

Lab File ID: BP025360.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.253		0.7	
Phenol-d6	1.637	1.559		-4.8	
Nitrobenzene-d5	0.361	0.396		9.7	
Naphthalene	1.038	1.049		1.1	
2-Fluorobiphenyl	1.448	1.461		0.9	
Fluorene	1.343	1.351		0.6	
2,4,6-Tribromophenol	0.200	0.248		24.0	
Phenanthrene	1.095	1.119		2.2	
Anthracene	1.105	1.153		4.3	
Pyrene	1.330	1.316		-1.1	
Terphenyl-d14	1.059	1.074		1.4	
Benzo(a)anthracene	1.329	1.325		-0.3	
Chrysene	1.233	1.250		1.4	
Benzo(b)fluoranthene	1.197	1.187		-0.8	
Benzo(a)pyrene	1.153	1.171		1.6	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.490		3.9	
Benzo(g,h,i)perylene	1.152	1.185		2.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	195999	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	806810	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	510213	20.000	ng	0.01
64) Phenanthrene-d10	17.225	188	980228	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1004808	20.000	ng	0.01
86) Perylene-d12	25.065	264	1173448	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	982548	80.628	ng	0.00
7) Phenol-d6	6.972	99	1221952	76.191	ng	0.00
23) Nitrobenzene-d5	8.943	82	1278250	87.773	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	505405	99.294	ng	0.01
45) 2-Fluorobiphenyl	13.043	172	2982025	80.727	ng	0.01
79) Terphenyl-d14	19.948	244	4317682	81.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	196786	40.920	ng	96
3) Pyridine	3.731	79	522263	39.089	ng	95
4) n-Nitrosodimethylamine	3.637	42	214278	34.545	ng	86
6) Aniline	7.131	93	828914	37.650	ng	97
8) 2-Chlorophenol	7.372	128	541859	40.622	ng	98
9) Benzaldehyde	6.949	77	504529m	44.293	ng	
10) Phenol	6.996	94	638346	37.200	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	507444	37.741	ng	98
12) 1,3-Dichlorobenzene	7.696	146	599776	40.016	ng	99
13) 1,4-Dichlorobenzene	7.831	146	606049	39.967	ng	100
14) 1,2-Dichlorobenzene	8.149	146	582943	39.685	ng	99
15) Benzyl Alcohol	8.031	79	460656	37.054	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	715271	33.676	ng	97
17) 2-Methylphenol	8.231	107	441046	38.411	ng	98
18) Hexachloroethane	8.878	117	225436	41.571	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	397440	37.717	ng	93
20) 3+4-Methylphenols	8.555	107	594774	37.617	ng	100
22) Acetophenone	8.608	105	818151	40.395	ng	97
24) Nitrobenzene	8.984	77	570928	41.415	ng	97
25) Isophorone	9.507	82	1133598	39.105	ng	100
26) 2-Nitrophenol	9.690	139	294605	48.978	ng	95
27) 2,4-Dimethylphenol	9.749	122	507294	37.957	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	693183	39.308	ng	99
29) 2,4-Dichlorophenol	10.225	162	486663	41.592	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	540821	41.895	ng	98
31) Naphthalene	10.625	128	1693306	40.429	ng	99
32) Benzoic acid	9.866	122	353525	46.843	ng	97
33) 4-Chloroaniline	10.725	127	720065	38.655	ng	99
34) Hexachlorobutadiene	10.919	225	322928	43.580	ng	99
35) Caprolactam	11.490	113	180850	39.842	ng	94
36) 4-Chloro-3-methylphenol	11.849	107	542891	40.098	ng	97
37) 2-Methylnaphthalene	12.237	142	1085759	40.051	ng	99
38) 1-Methylnaphthalene	12.449	142	1137953	40.230	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	584136	41.935	ng	99
41) Hexachlorocyclopentadiene	12.590	237	380002	44.201	ng	97
43) 2,4,6-Trichlorophenol	12.837	196	398147	44.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	432915	42.887	ng		98
46) 1,1'-Biphenyl	13.243	154	1513840	40.262	ng		98
47) 2-Chloronaphthalene	13.290	162	1168673	40.740	ng		100
48) 2-Nitroaniline	13.484	65	340186	40.947	ng		93
49) Acenaphthylene	14.148	152	1926679	40.266	ng		100
50) Dimethylphthalate	13.878	163	1485732	39.945	ng		99
51) 2,6-Dinitrotoluene	13.990	165	325633	47.464	ng		91
52) Acenaphthene	14.490	154	1210197	41.464	ng		99
53) 3-Nitroaniline	14.313	138	367478	45.776	ng		96
54) 2,4-Dinitrophenol	14.525	184	151086	51.187	ng	#	52
55) Dibenzofuran	14.831	168	1748610	40.091	ng		99
56) 4-Nitrophenol	14.631	139	275723	38.916	ng		98
57) 2,4-Dinitrotoluene	14.790	165	457773	43.380	ng		97
58) Fluorene	15.495	166	1378667	40.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	373023	44.239	ng		97
60) Diethylphthalate	15.266	149	1496993	39.922	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	664819	40.936	ng		99
62) 4-Nitroaniline	15.501	138	362655	45.592	ng		95
63) Azobenzene	15.790	77	1330965	38.207	ng		96
65) 4,6-Dinitro-2-methylph...	15.566	198	239307	53.009	ng		91
66) n-Nitrosodiphenylamine	15.701	169	1251042	41.916	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	426714	43.265	ng		96
68) Hexachlorobenzene	16.519	284	479138	43.296	ng		99
69) Atrazine	16.672	200	448876	42.766	ng		98
70) Pentachlorophenol	16.866	266	304867	43.240	ng		99
71) Phenanthrene	17.266	178	2194412	40.873	ng		100
72) Anthracene	17.360	178	2260955	41.766	ng		100
73) Carbazole	17.642	167	2123650	40.867	ng		99
74) Di-n-butylphthalate	18.236	149	2642646	42.037	ng		99
75) Fluoranthene	19.348	202	2536662	40.815	ng		99
77) Benzidine	19.536	184	1651185	45.402	ng		99
78) Pyrene	19.725	202	2644783	39.582	ng		100
80) Butylbenzylphthalate	20.677	149	1269396	46.843	ng		96
81) Benzo(a)anthracene	21.648	228	2662603	39.876	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	1033776	43.881	ng		98
83) Chrysene	21.719	228	2512356	40.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	1913652	44.225	ng		100
85) Di-n-octyl phthalate	22.901	149	3343958	46.170	ng		97
87) Indeno(1,2,3-cd)pyrene	28.924	276	3496889	41.576	ng	#	95
88) Benzo(b)fluoranthene	23.989	252	2785473	39.654	ng		99
89) Benzo(k)fluoranthene	24.066	252	2802794	40.250	ng		99
90) Benzo(a)pyrene	24.913	252	2748346	40.628	ng		99
91) Dibenzo(a,h)anthracene	29.006	278	2869988	41.664	ng		98
92) Benzo(g,h,i)perylene	30.112	276	2780936	41.135	ng		99

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

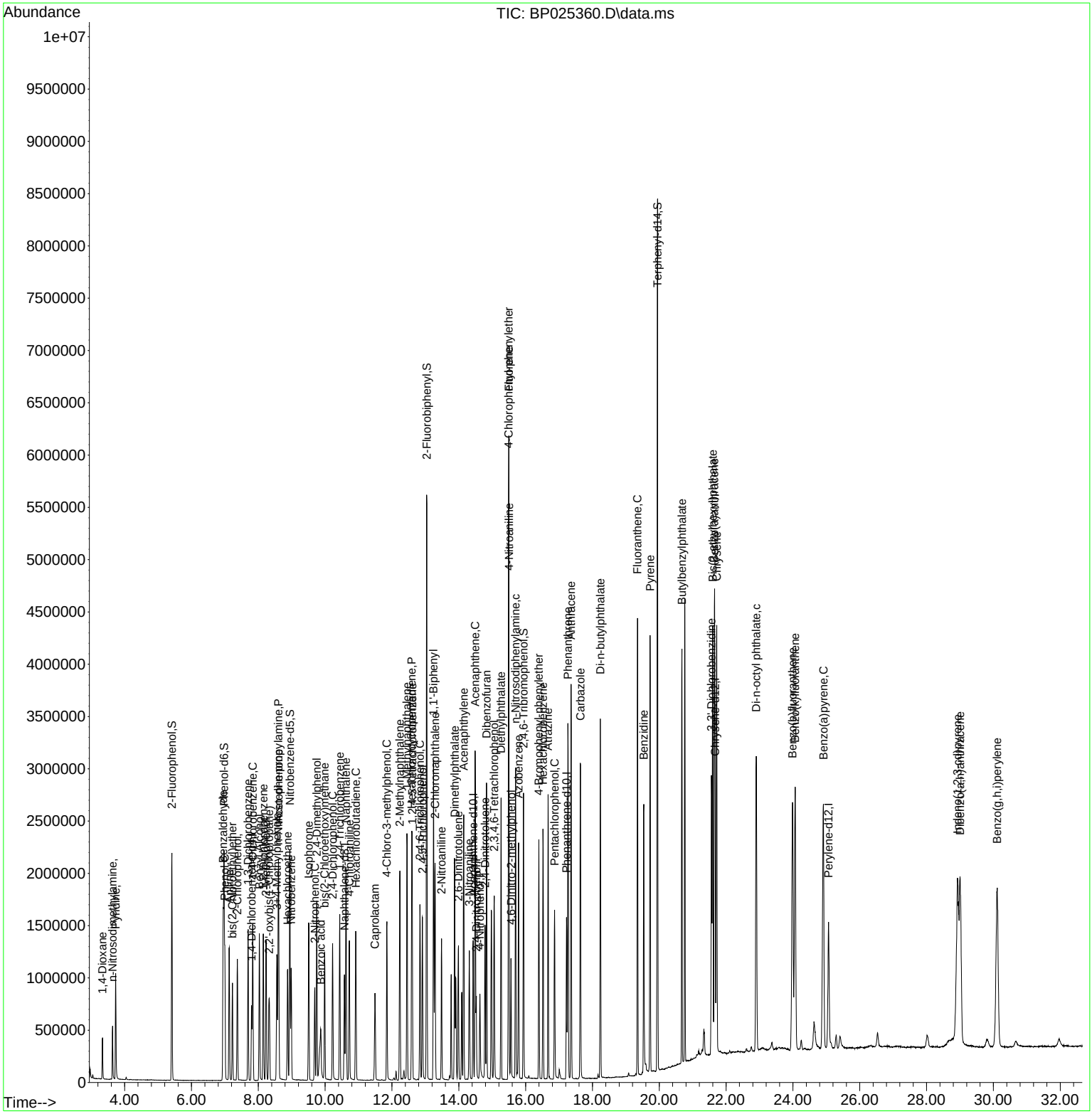
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Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

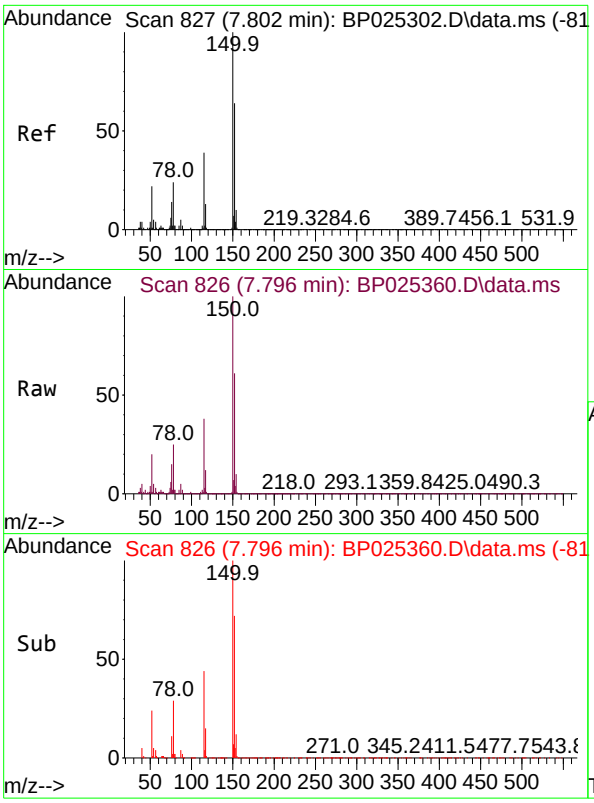
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

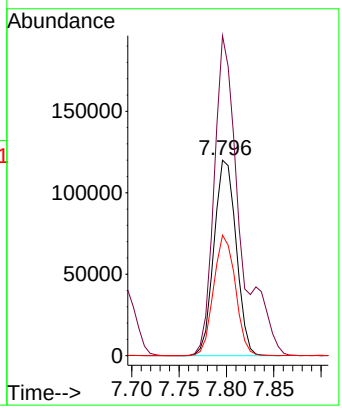




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:152 Resp: 19599

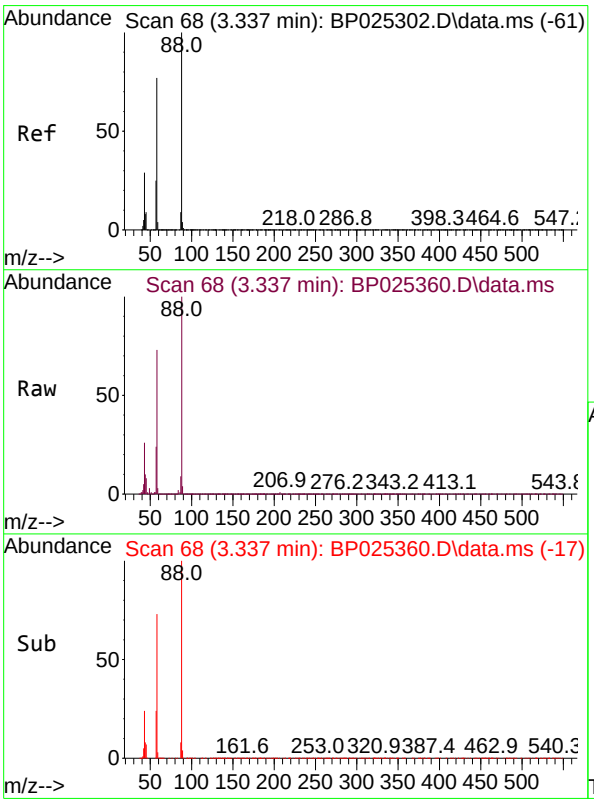
Ion	Ratio	Lower	Upper
152	100		
150	163.6	125.1	187.7
115	61.6	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

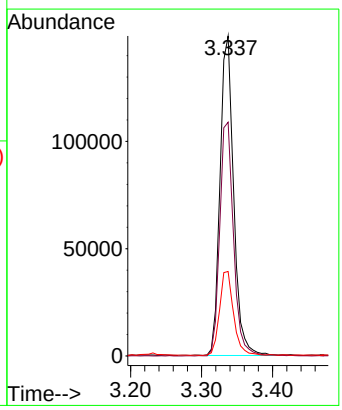
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

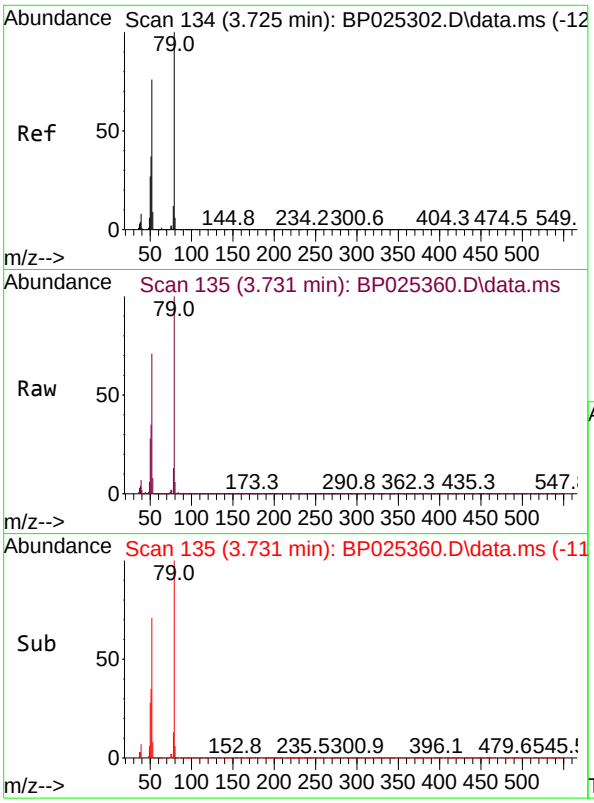


#2
1,4-Dioxane
Concen: 40.920 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 88 Resp: 196786

Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.9	92.9
43	27.1	24.2	36.2

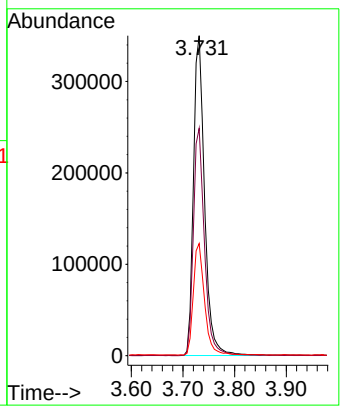




#3
Pyridine
Concen: 39.089 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 79 Resp: 52226

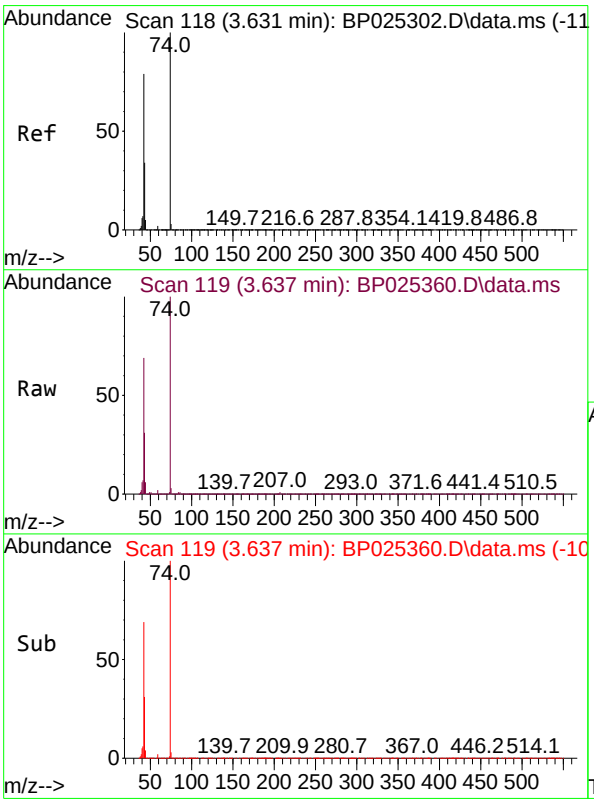
Ion	Ratio	Lower	Upper
79	100		
52	71.0	60.5	90.7
51	35.0	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

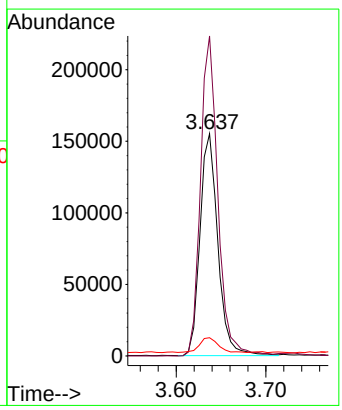
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

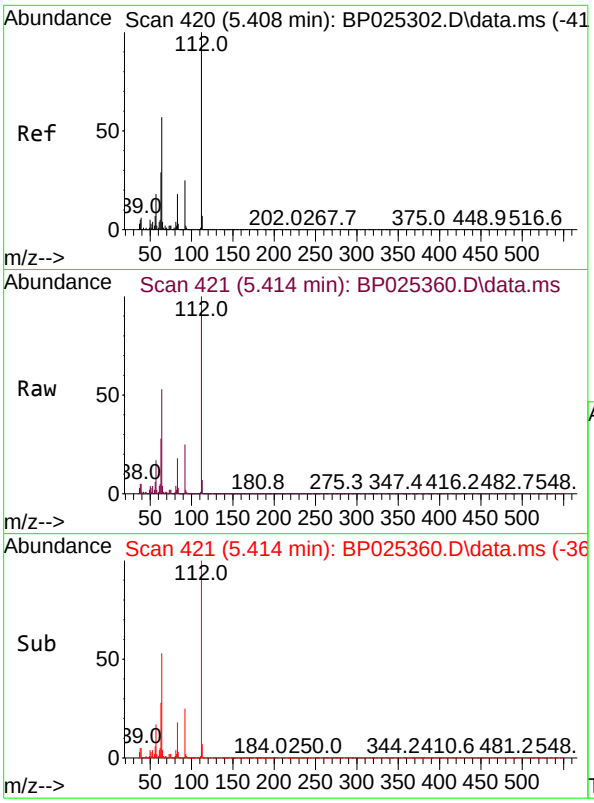


#4
n-Nitrosodimethylamine
Concen: 34.545 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 42 Resp: 214278

Ion	Ratio	Lower	Upper
42	100		
74	144.0	101.4	152.2
44	8.2	7.6	11.4

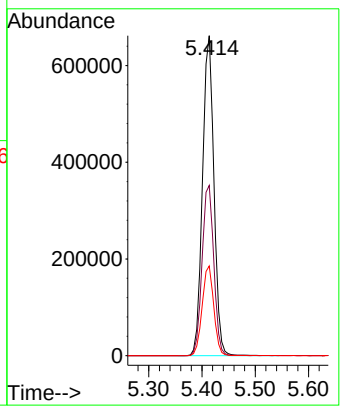




#5
2-Fluorophenol
Concen: 80.628 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:112 Resp: 98254

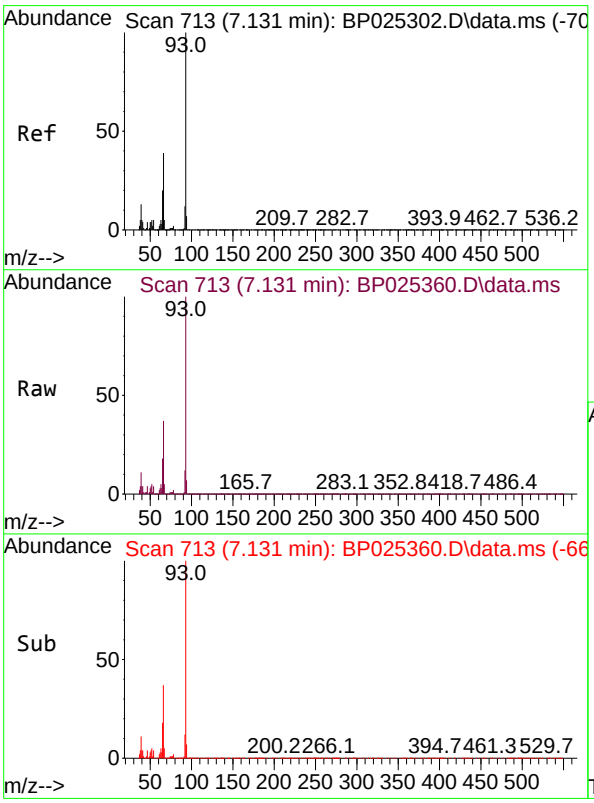
Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.3	67.9
63	28.0	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

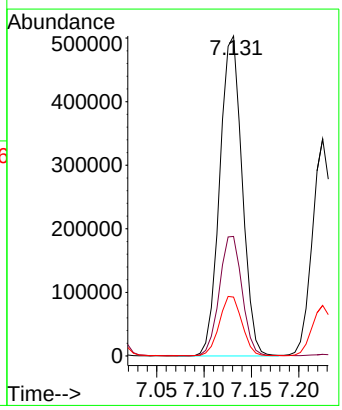
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

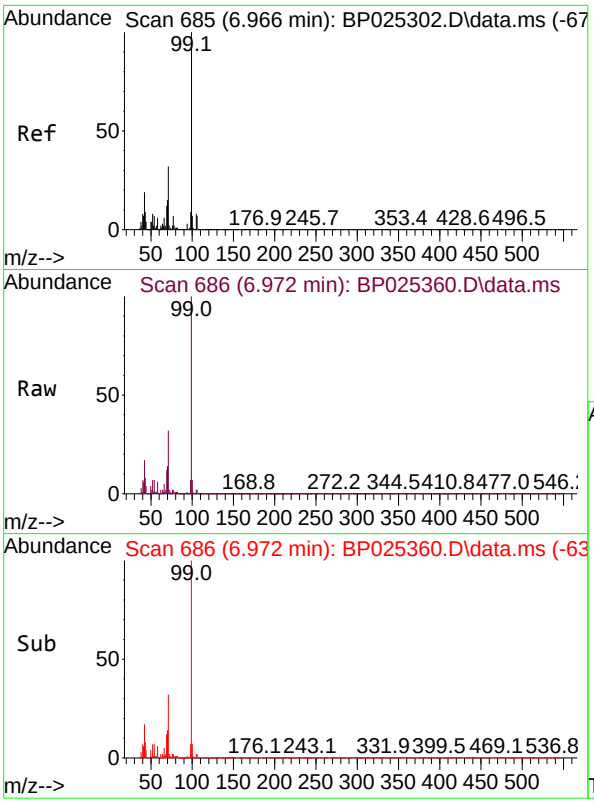


#6
Aniline
Concen: 37.650 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 828914

Ion	Ratio	Lower	Upper
93	100		
66	37.4	31.1	46.7
65	18.4	15.8	23.8

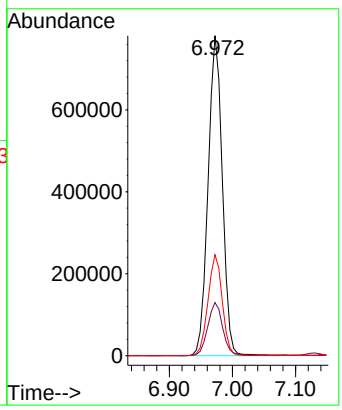




#7
Phenol-d6
Concen: 76.191 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 99 Resp: 122195

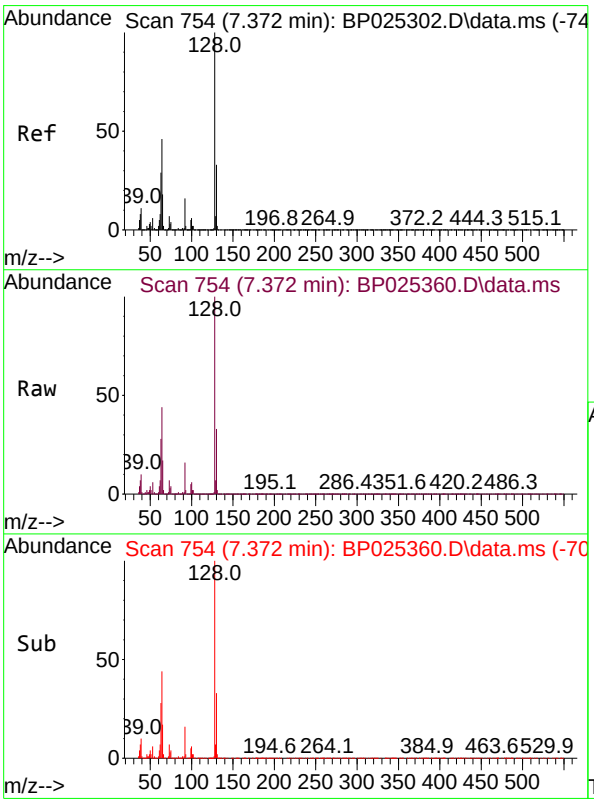
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.6
71	31.6	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

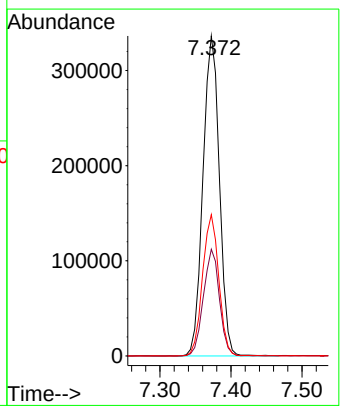
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

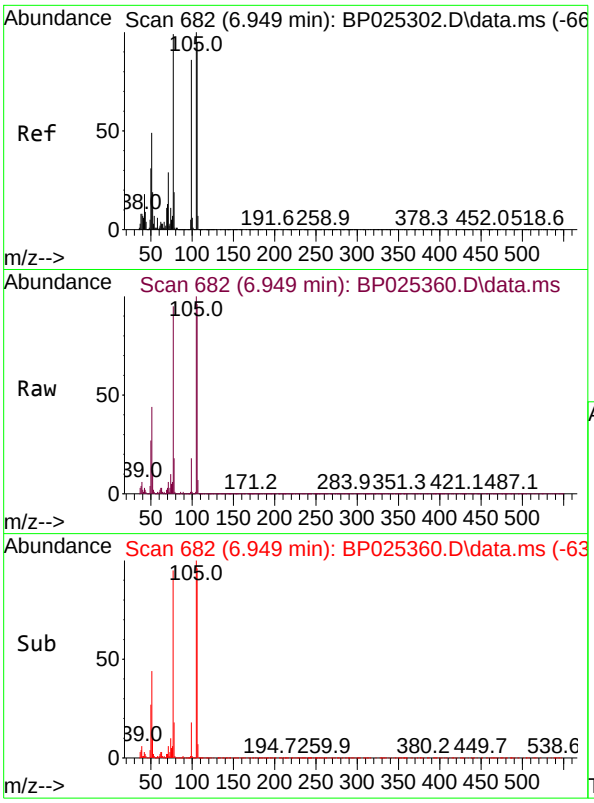


#8
2-Chlorophenol
Concen: 40.622 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:128 Resp: 541859

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	44.2	26.1	66.1

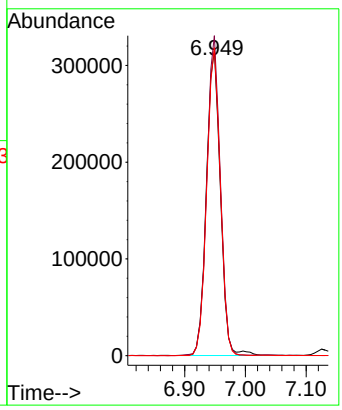




#9
Benzaldehyde
Concen: 44.293 ng m
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 77 Resp: 50452

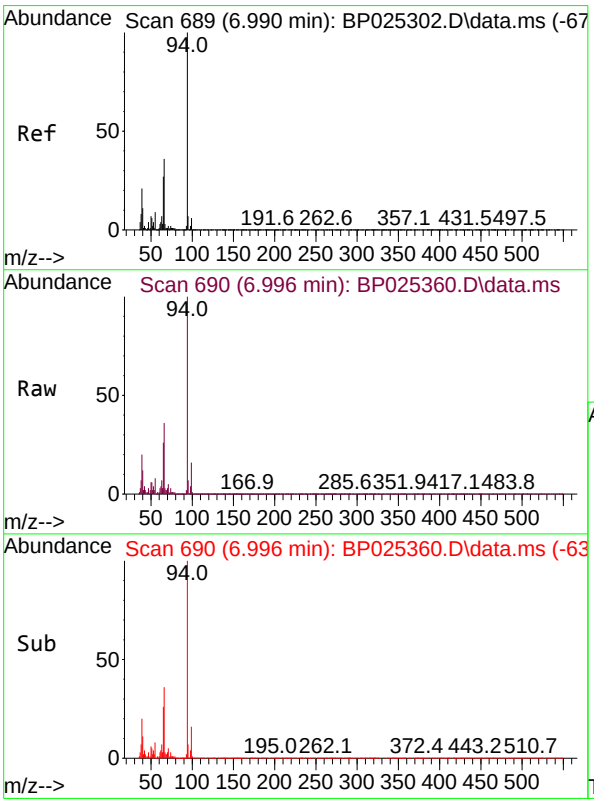
Ion	Ratio	Lower	Upper
77	100		
105	104.7	81.4	121.4
106	100.8	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

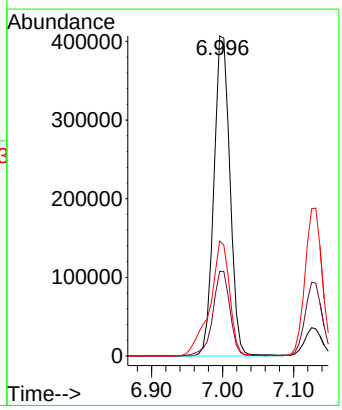
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

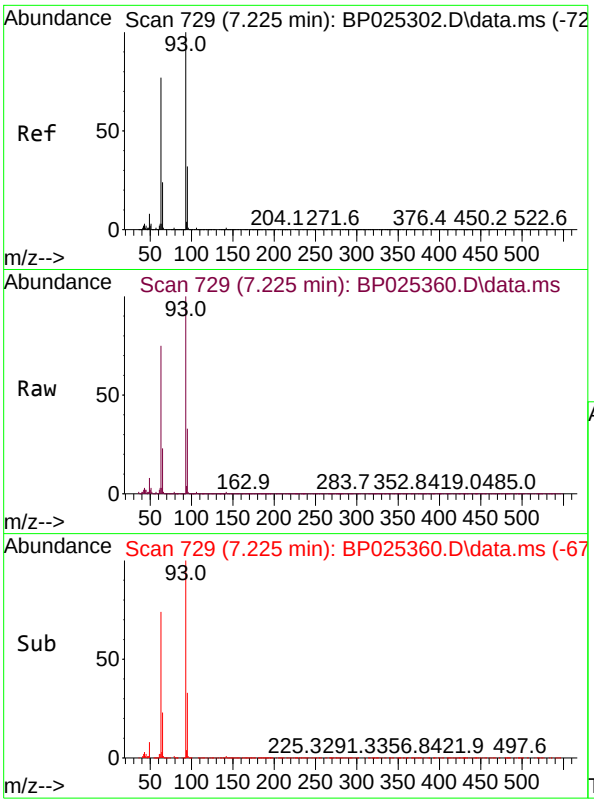


#10
Phenol
Concen: 37.200 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 94 Resp: 638346

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.3	47.3
66	35.9	15.7	55.7

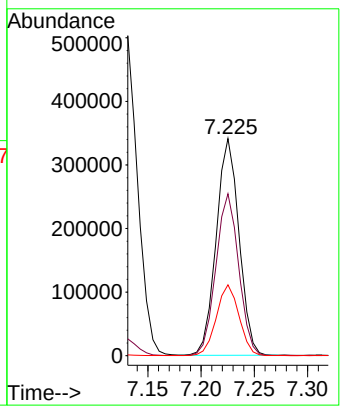




#11
bis(2-Chloroethyl)ether
Concen: 37.741 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 50744

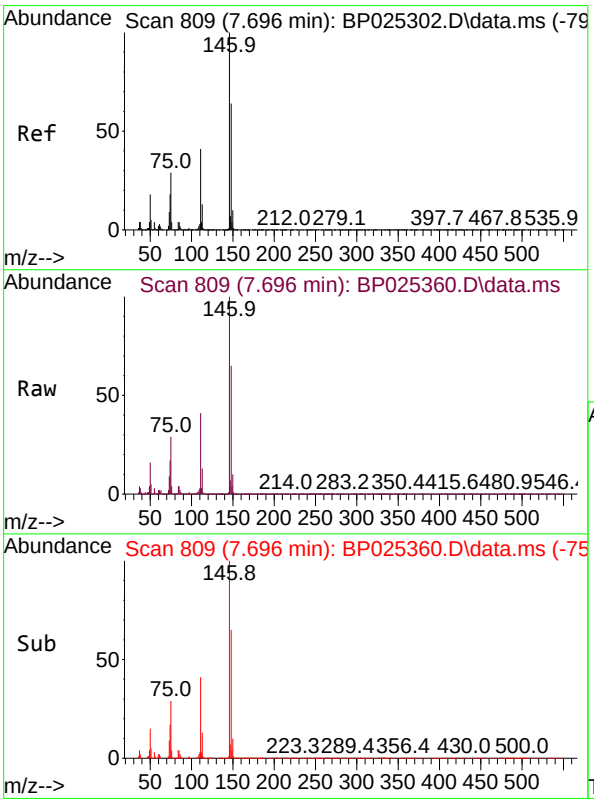
Ion	Ratio	Lower	Upper
93	100		
63	74.6	57.0	97.0
95	32.7	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

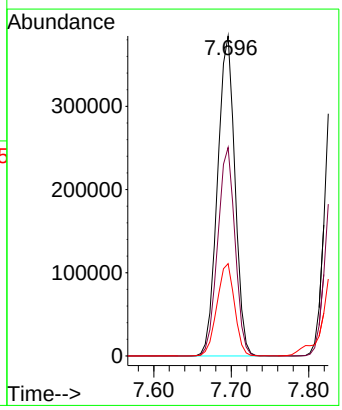
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

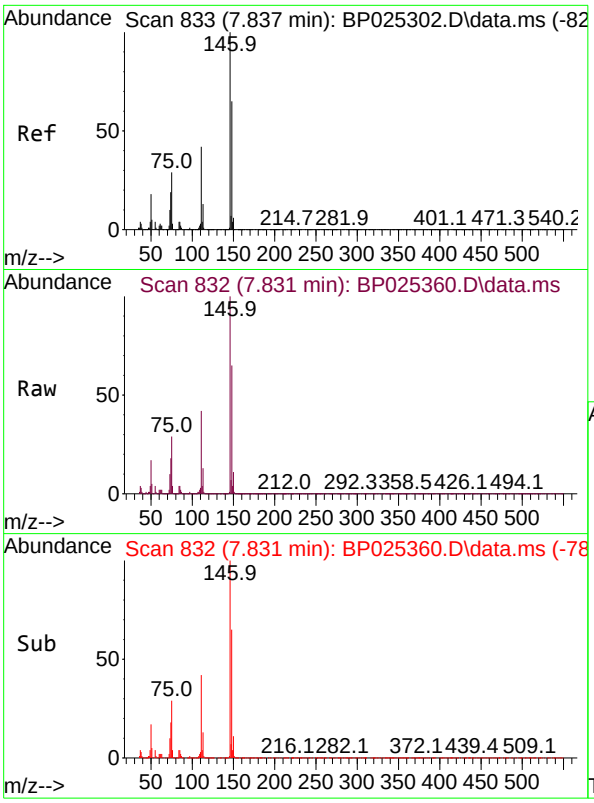


#12
1,3-Dichlorobenzene
Concen: 40.016 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:146 Resp: 599776

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
75	28.8	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 39.967 ng
RT: 7.831 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

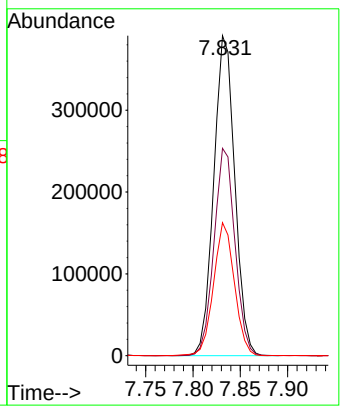
Tgt Ion:146 Resp: 60604

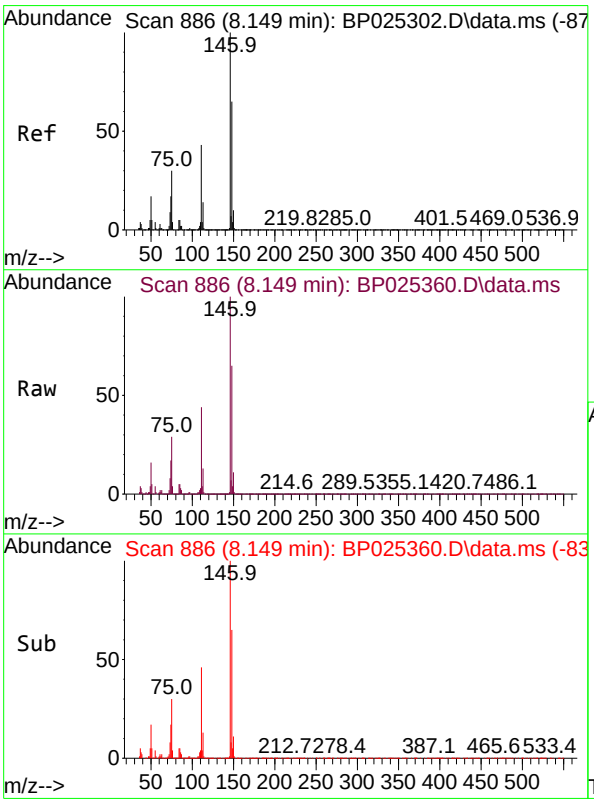
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	41.6	33.2	49.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

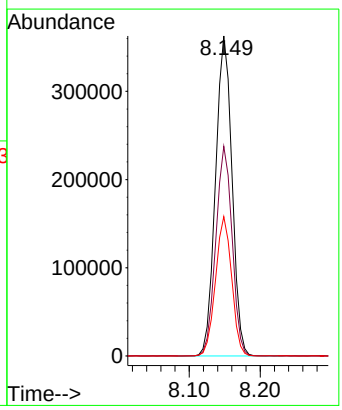


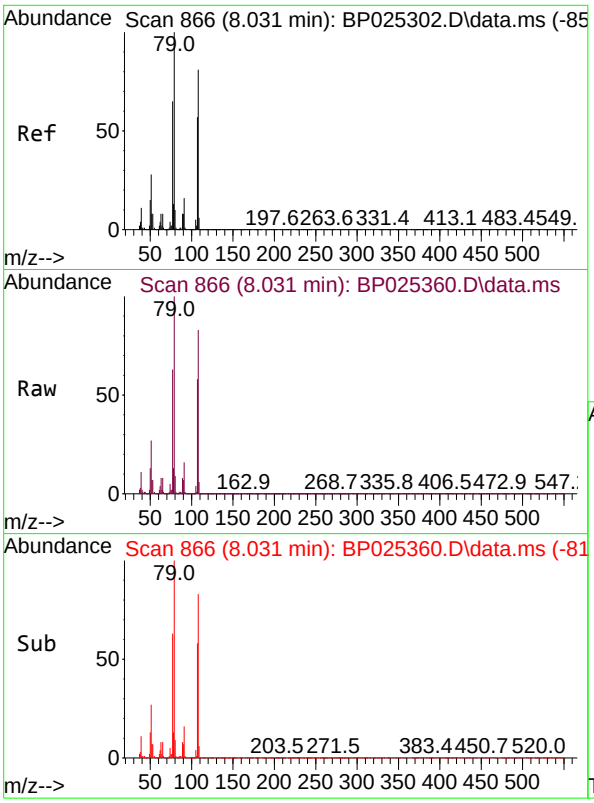


#14
1,2-Dichlorobenzene
Concen: 39.685 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:146 Resp: 582943

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	43.6	34.4	51.6





#15
Benzyl Alcohol
Concen: 37.054 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

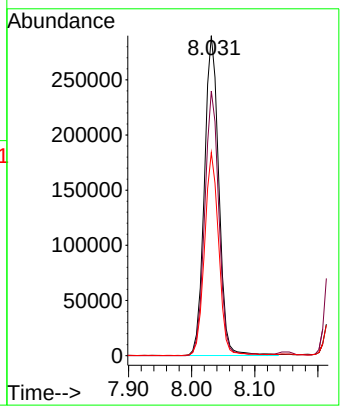
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

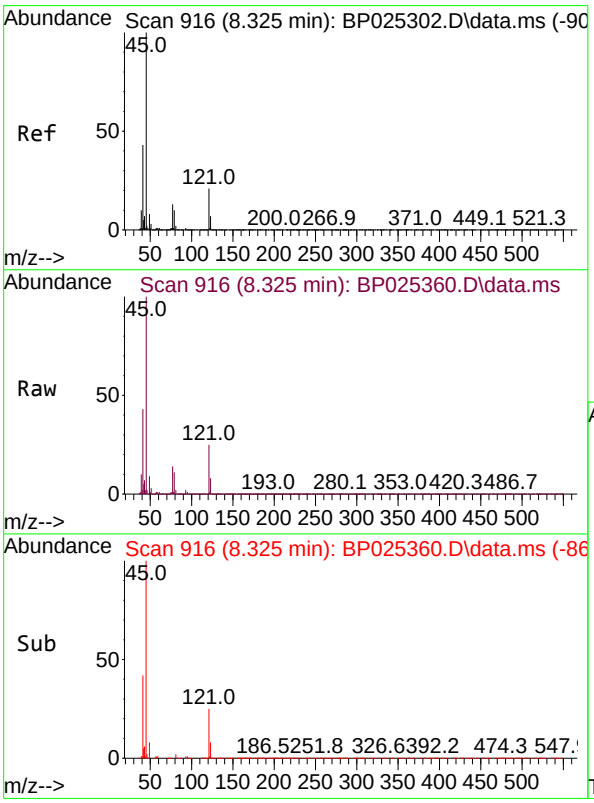
Tgt Ion: 79 Resp: 46065

Ion	Ratio	Lower	Upper
79	100		
108	82.7	64.5	96.7
77	63.5	51.9	77.9

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

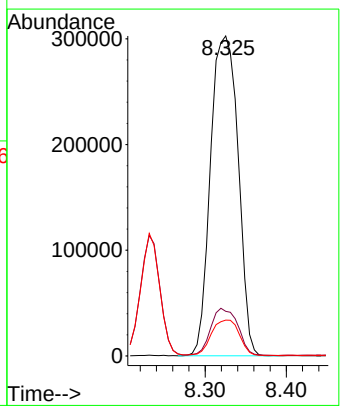


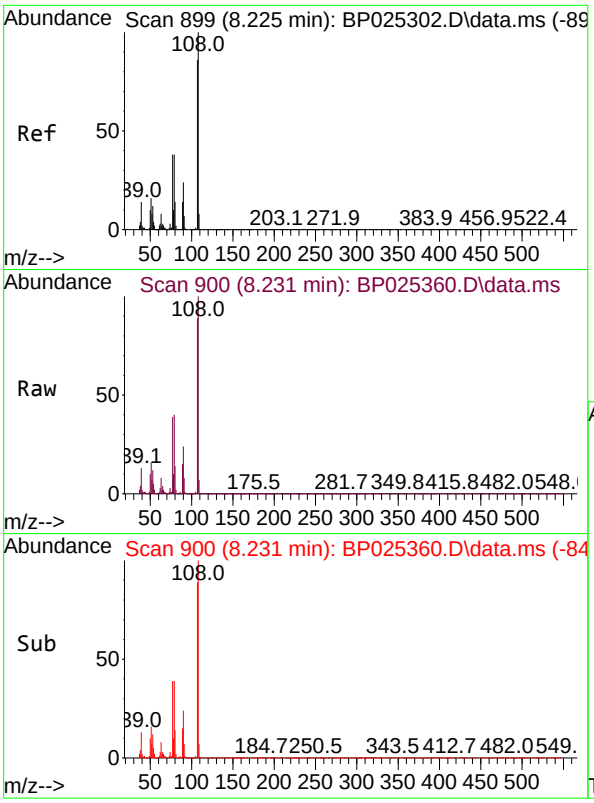


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.676 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 45 Resp: 715271

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.0
79	11.2	0.0	29.8

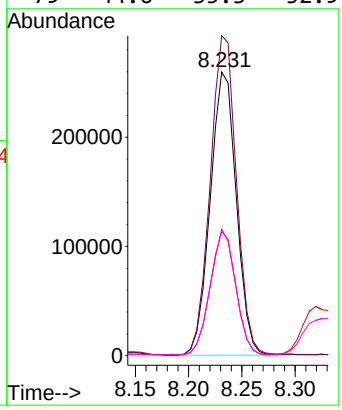




#17
2-Methylphenol
Concen: 38.411 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 44104(

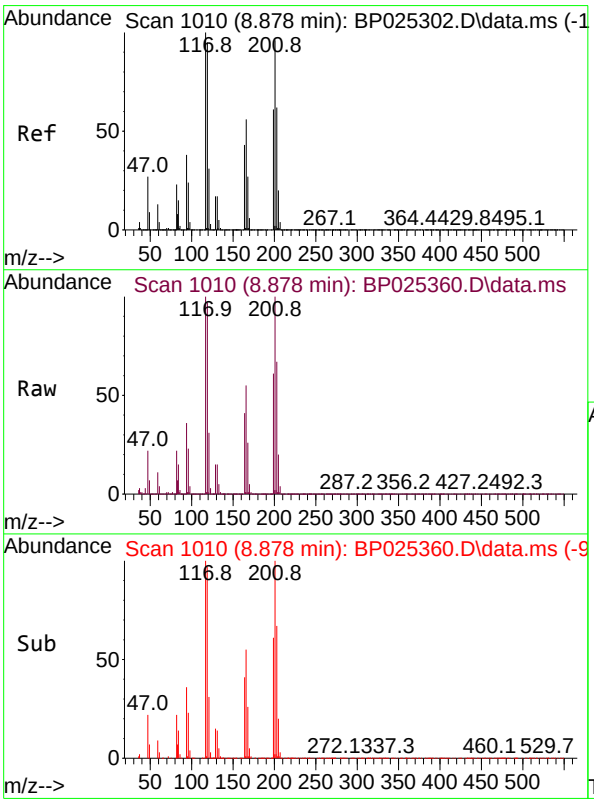
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.6	139.0
77	43.9	35.4	53.2
79	44.6	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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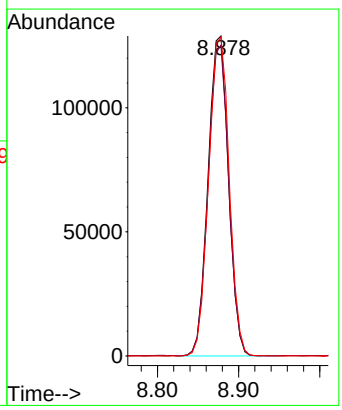
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

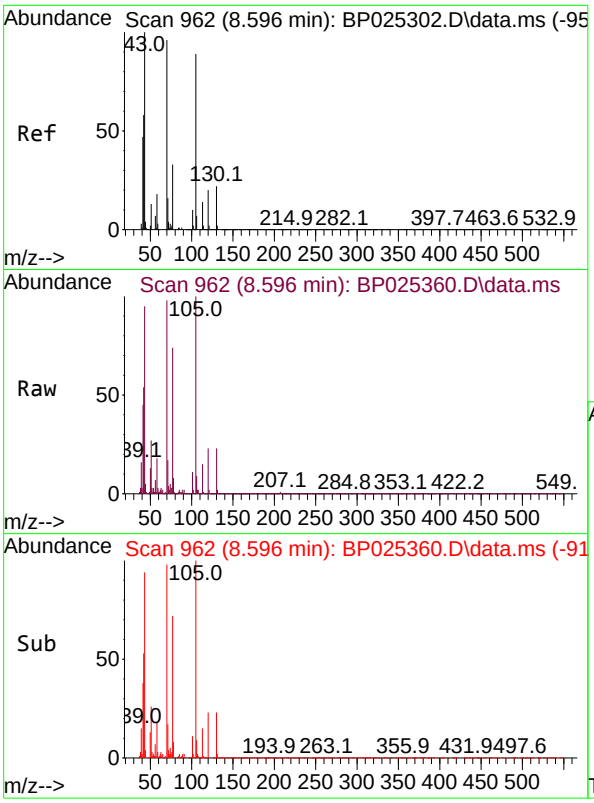


#18
Hexachloroethane
Concen: 41.571 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:117 Resp: 225436

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	99.7	76.6	114.8

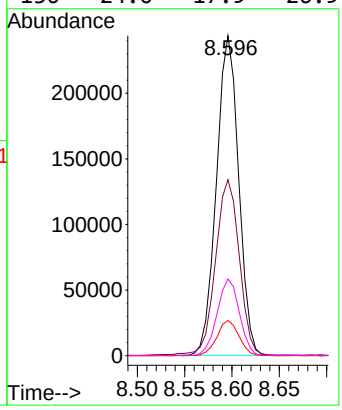




#19
n-Nitroso-di-n-propylamine
Concen: 37.717 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 70 Resp: 39744

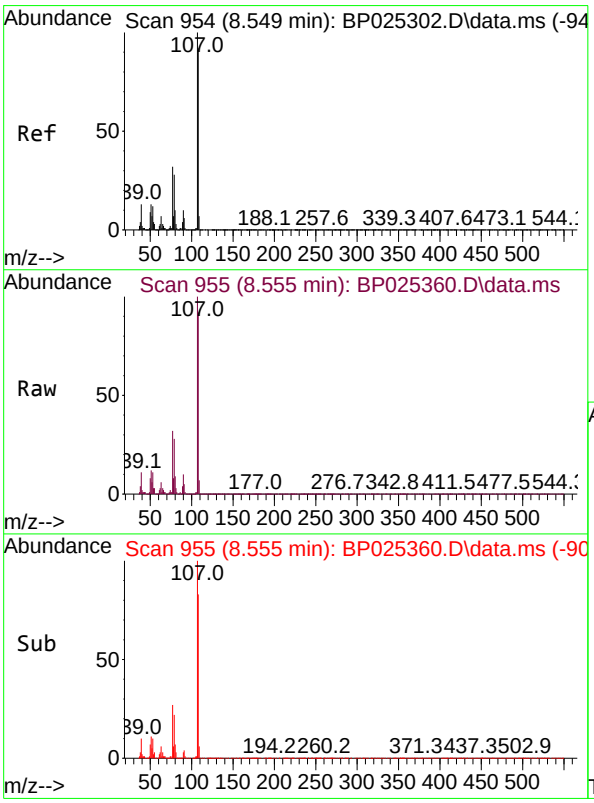
Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	11.0	7.9	11.9
130	24.0	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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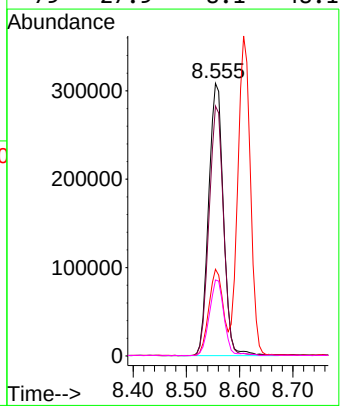
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

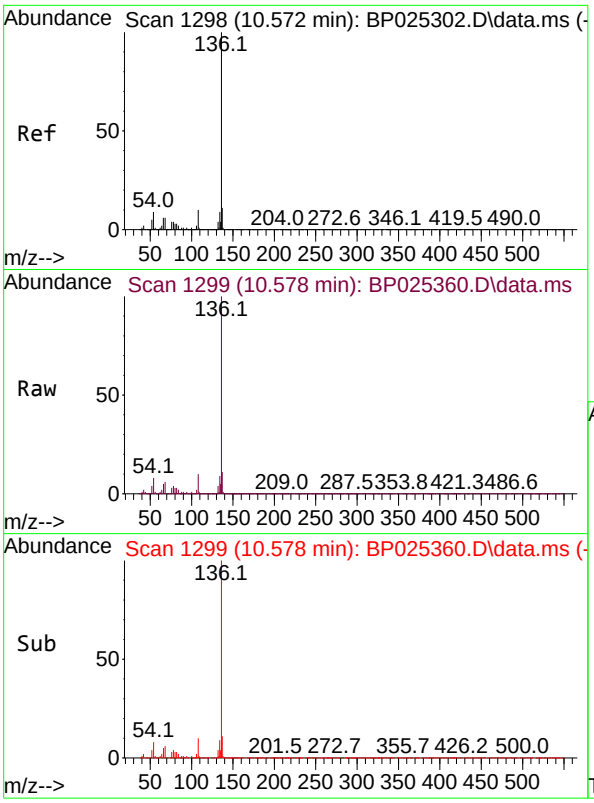


#20
3+4-Methylphenols
Concen: 37.617 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 594774

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.9	111.9
77	31.8	12.0	52.0
79	27.9	8.1	48.1

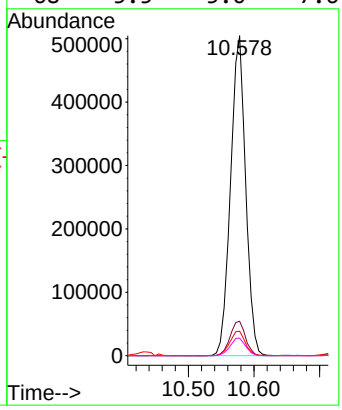




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:136 Resp: 80681

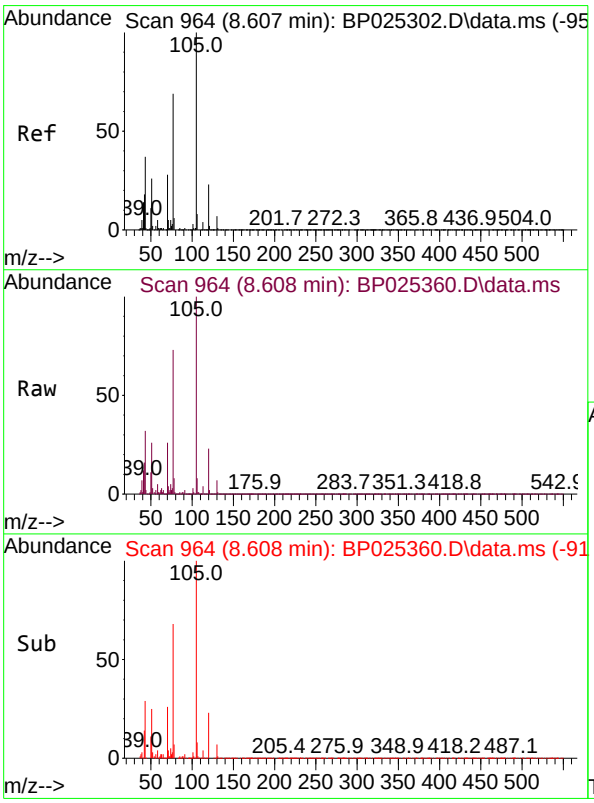
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.6
68	5.5	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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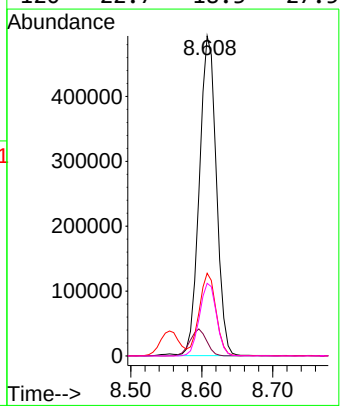
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

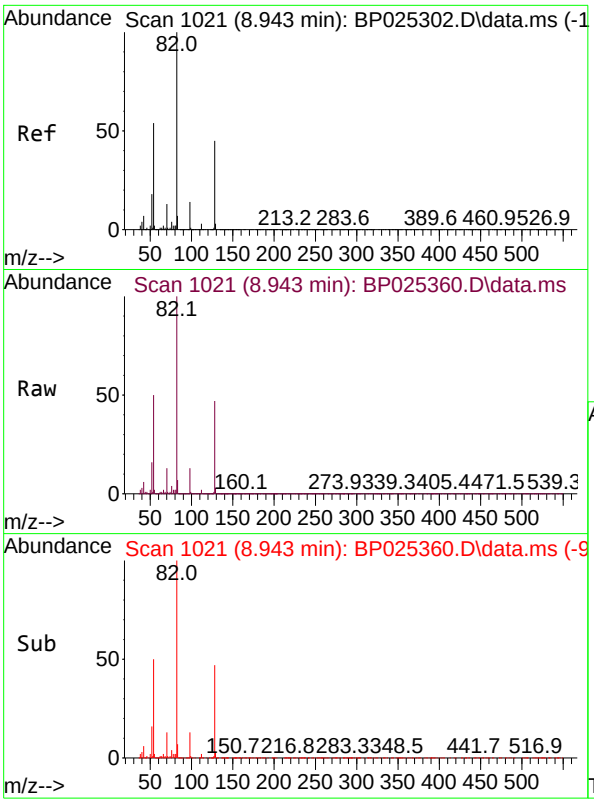


#22
Acetophenone
Concen: 40.395 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:105 Resp: 818151

Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.1	6.1
51	25.9	22.7	34.1
120	22.7	18.3	27.5

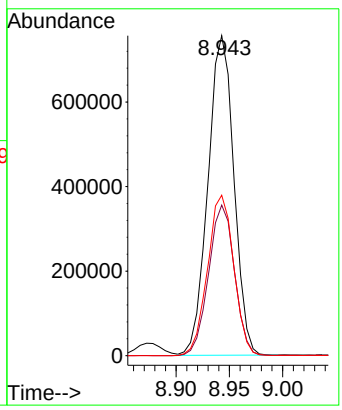




#23
Nitrobenzene-d5
Concen: 87.773 ng
RT: 8.943 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 82 Resp: 127825(

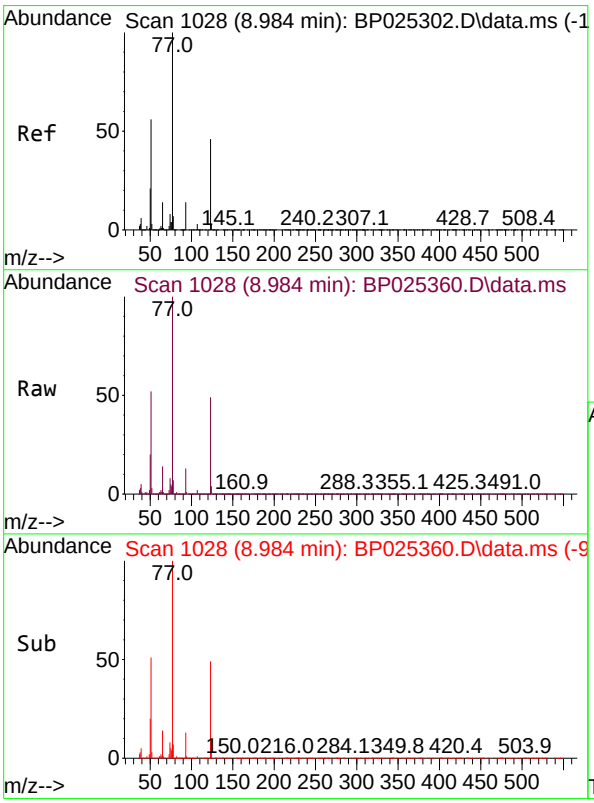
Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.4	53.2
54	50.2	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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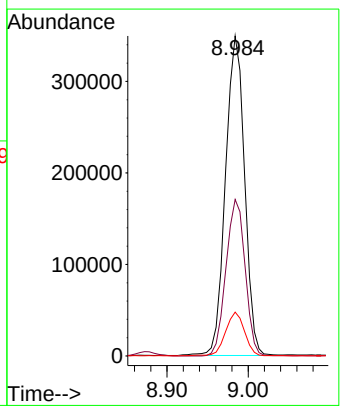
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

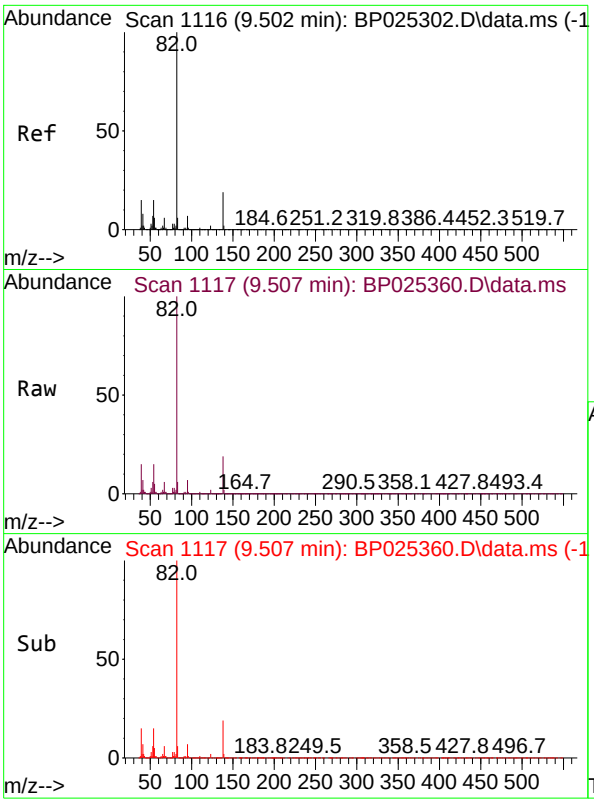


#24
Nitrobenzene
Concen: 41.415 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 77 Resp: 570928

Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.2
65	13.7	11.1	16.7

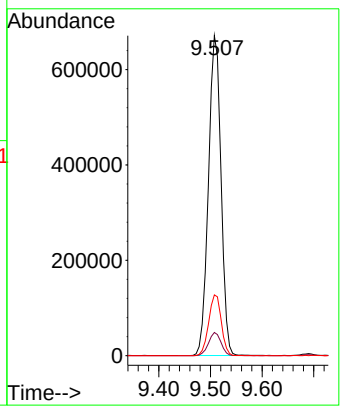




#25
Isophorone
Concen: 39.105 ng
RT: 9.507 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 82 Resp: 113359

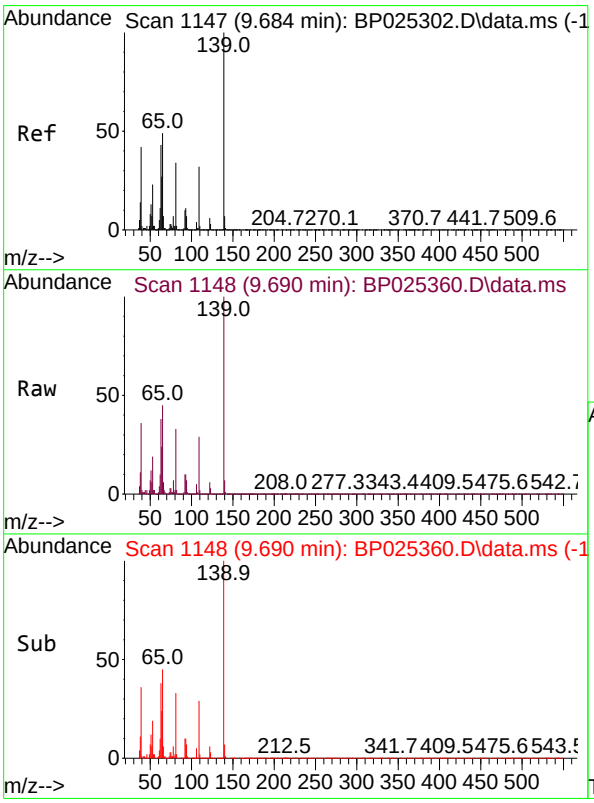
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.0	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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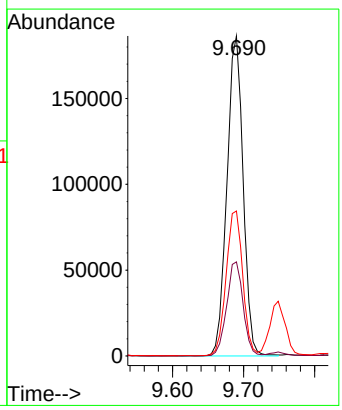
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

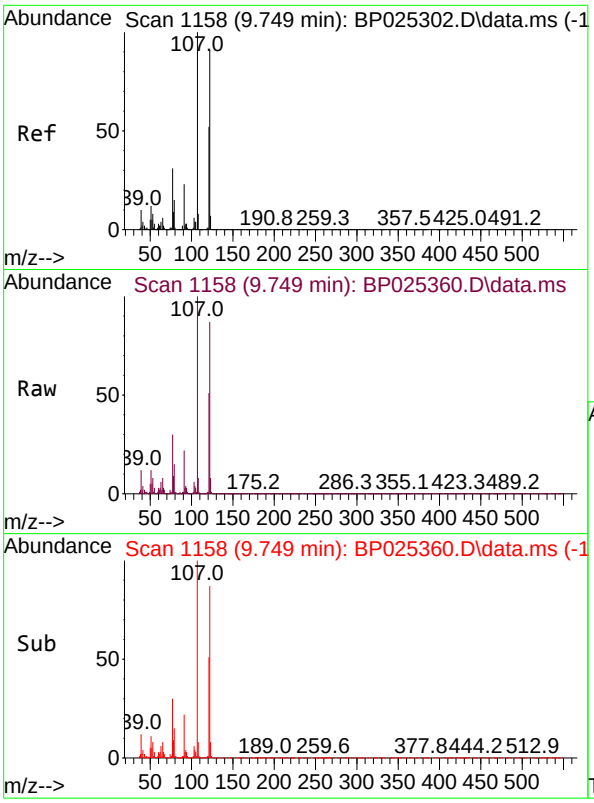


#26
2-Nitrophenol
Concen: 48.978 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:139 Resp: 294605

Ion	Ratio	Lower	Upper
139	100		
109	29.4	25.2	37.8
65	45.3	39.6	59.4





#27
2,4-Dimethylphenol
Concen: 37.957 ng
RT: 9.749 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

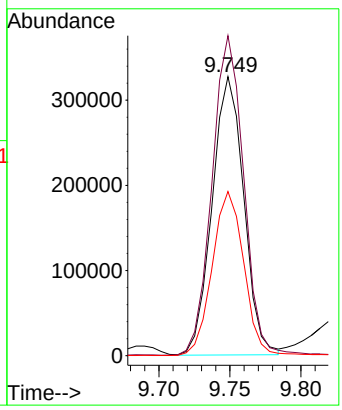
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

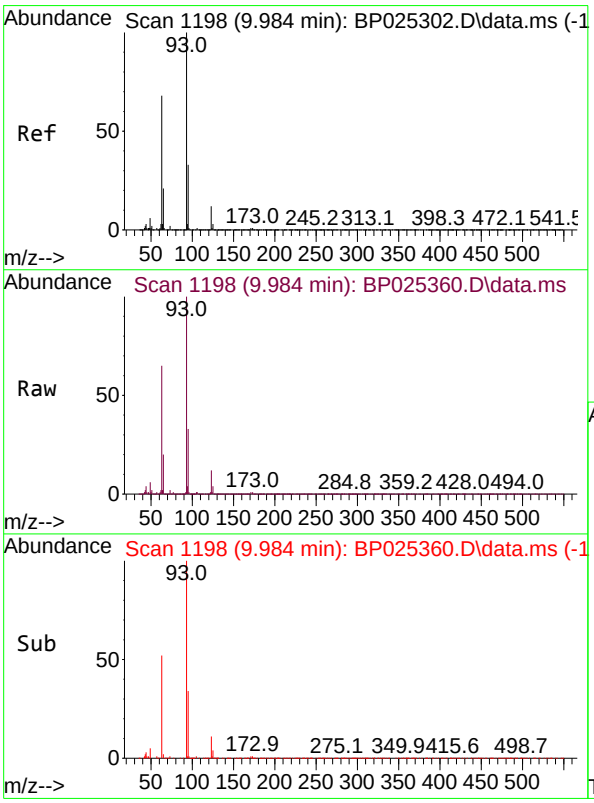
Tgt Ion:122 Resp: 50729

Ion	Ratio	Lower	Upper
122	100		
107	114.7	87.4	131.0
121	58.8	45.8	68.8

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

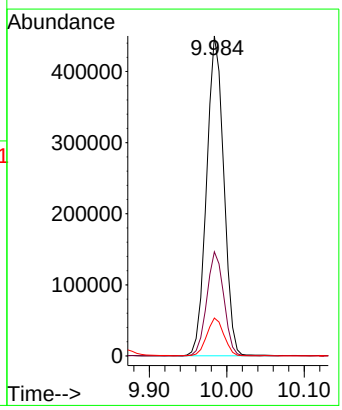


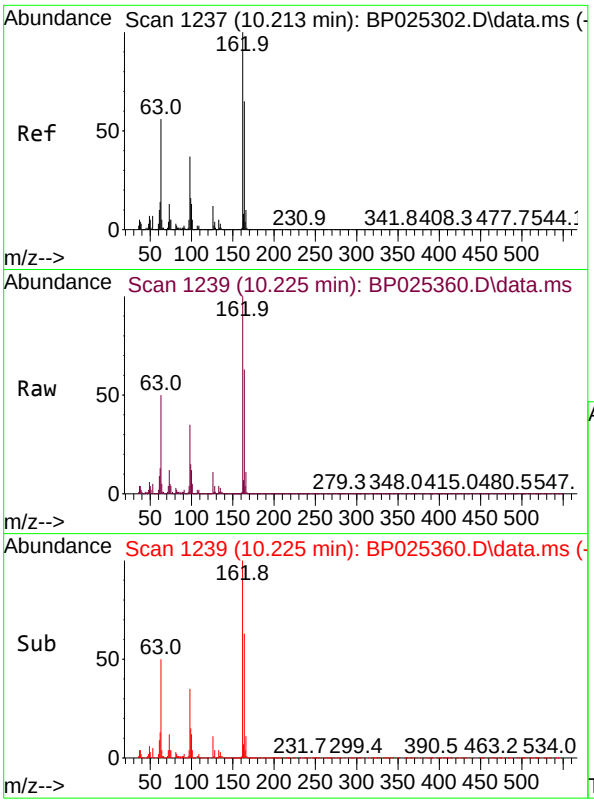


#28
bis(2-Chloroethoxy)methane
Concen: 39.308 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 693183

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.9	9.4	14.2

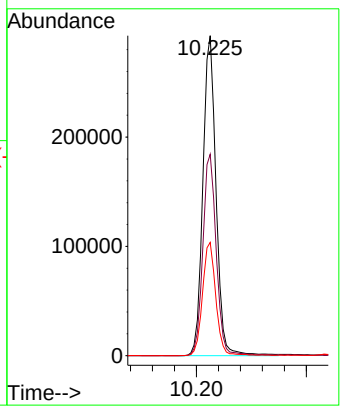




#29
2,4-Dichlorophenol
Concen: 41.592 ng
RT: 10.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:162 Resp: 48666

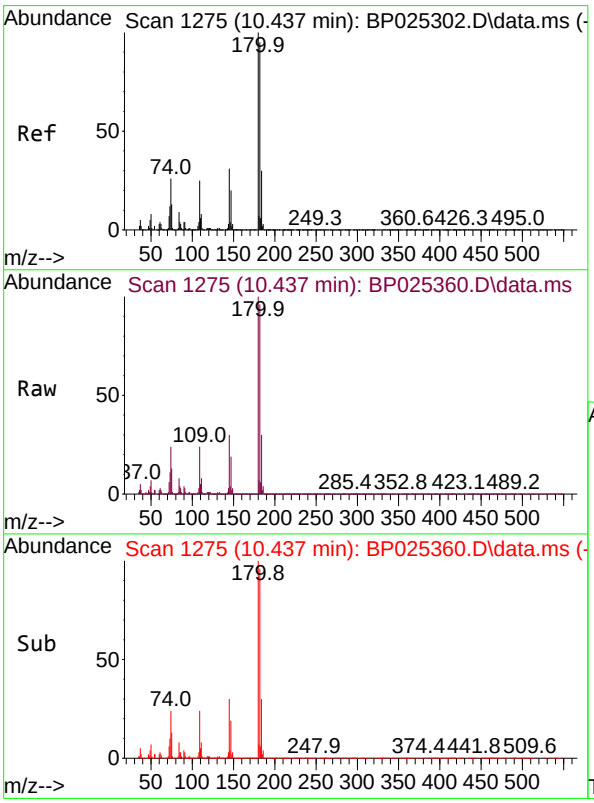
Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.2	85.2
98	35.4	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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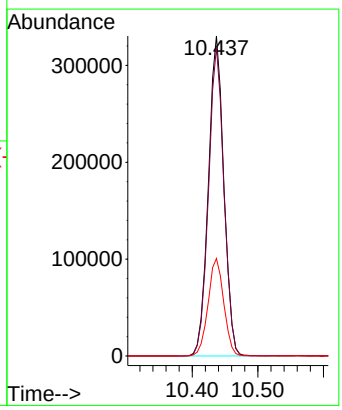
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

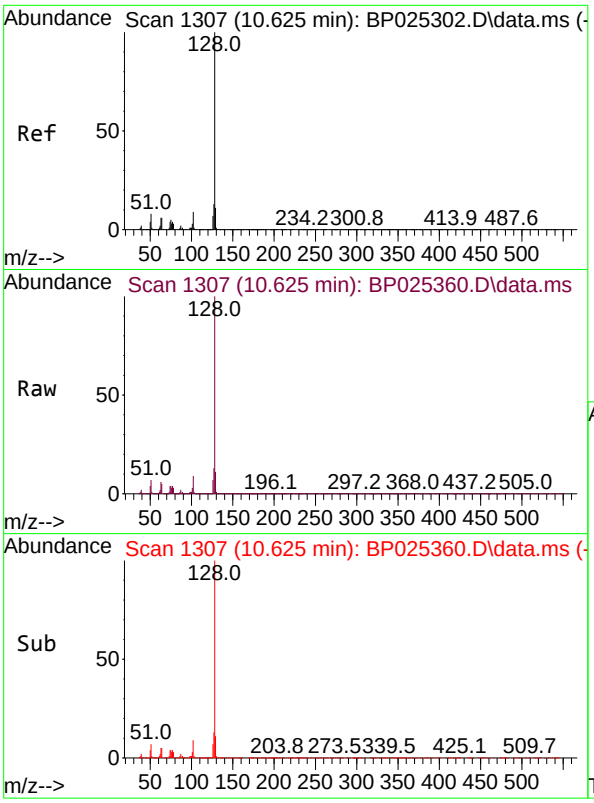


#30
1,2,4-Trichlorobenzene
Concen: 41.895 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:180 Resp: 540821

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.8
145	30.5	25.0	37.4

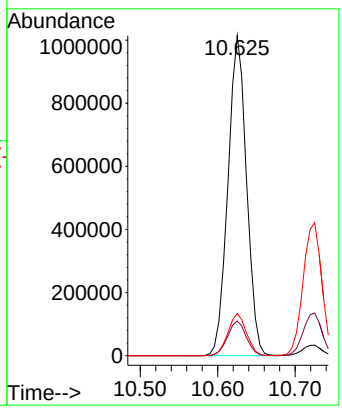




#31
Naphthalene
Concen: 40.429 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:128 Resp: 169330

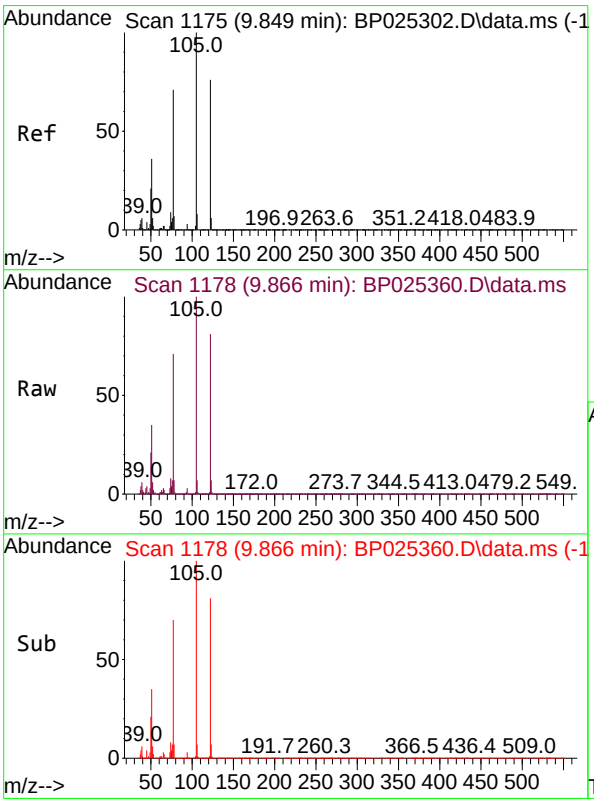
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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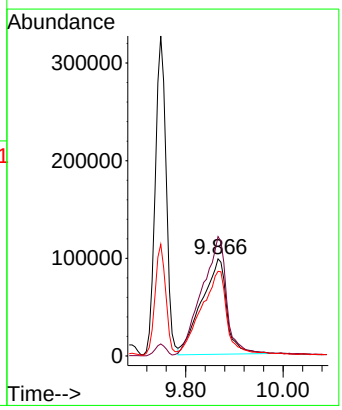
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

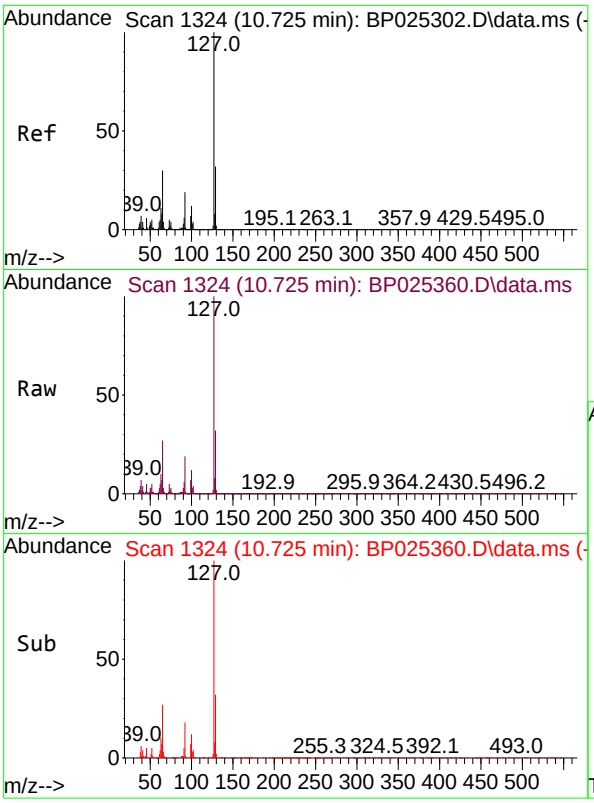


#32
Benzoic acid
Concen: 46.843 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.017 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:122 Resp: 353525

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.0	144.0
77	87.2	71.8	111.8

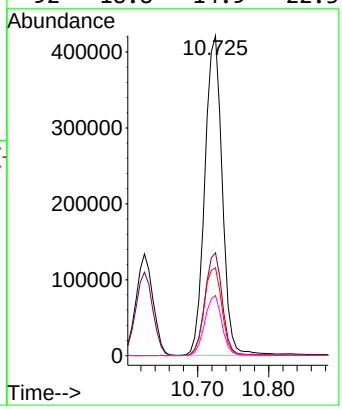




#33
4-Chloroaniline
Concen: 38.655 ng
RT: 10.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:127 Resp: 72006

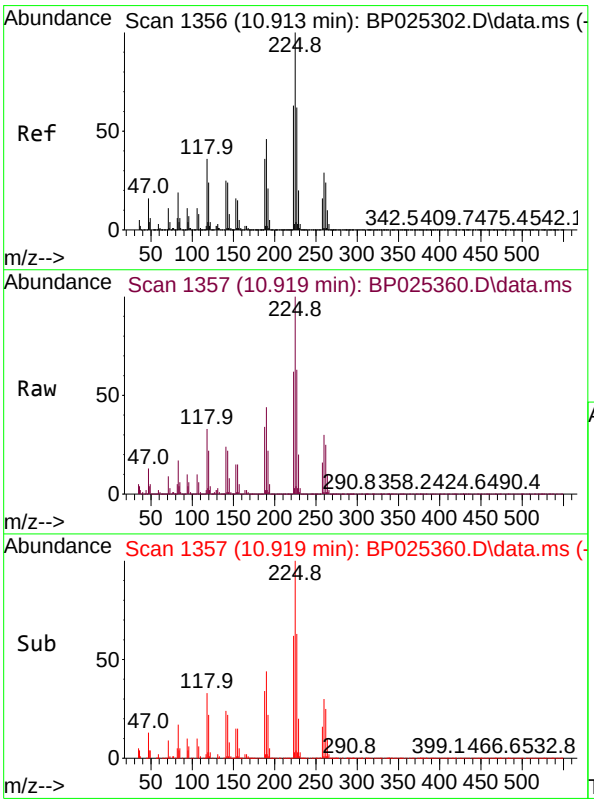
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	27.5	23.6	35.4
92	18.8	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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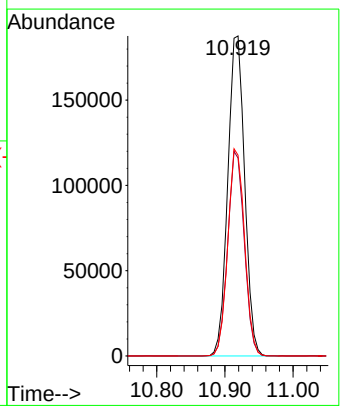
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

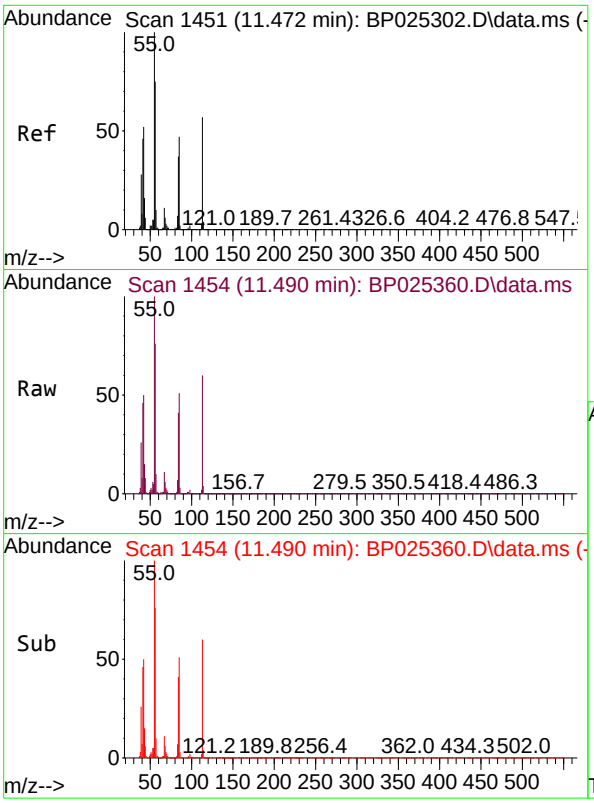


#34
Hexachlorobutadiene
Concen: 43.580 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:225 Resp: 322928

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.3	75.5
227	62.8	49.7	74.5





#35
Caprolactam
Concen: 39.842 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

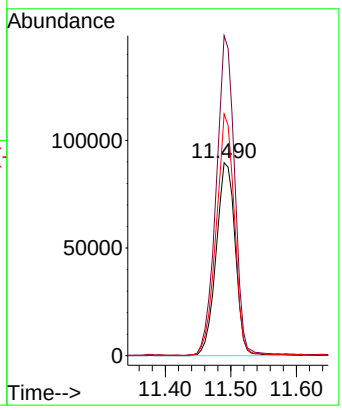
Instrument :
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ClientSampleId :
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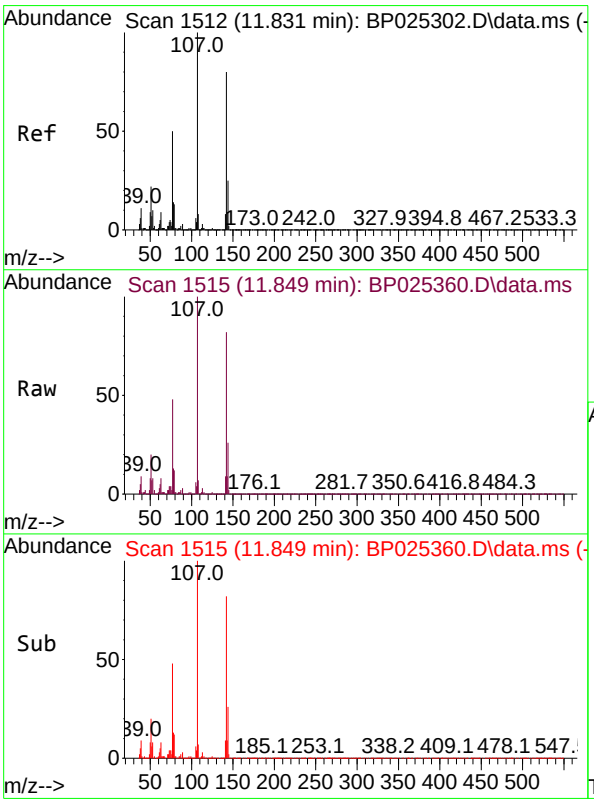
Tgt Ion:113 Resp: 18085

Ion	Ratio	Lower	Upper
113	100		
55	165.8	154.4	194.4
56	125.3	110.9	150.9

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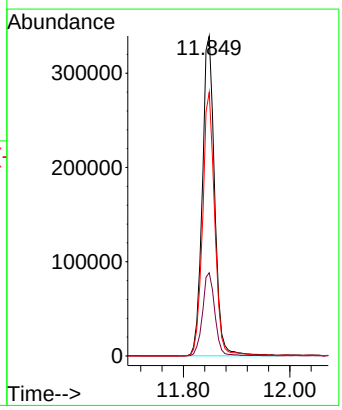


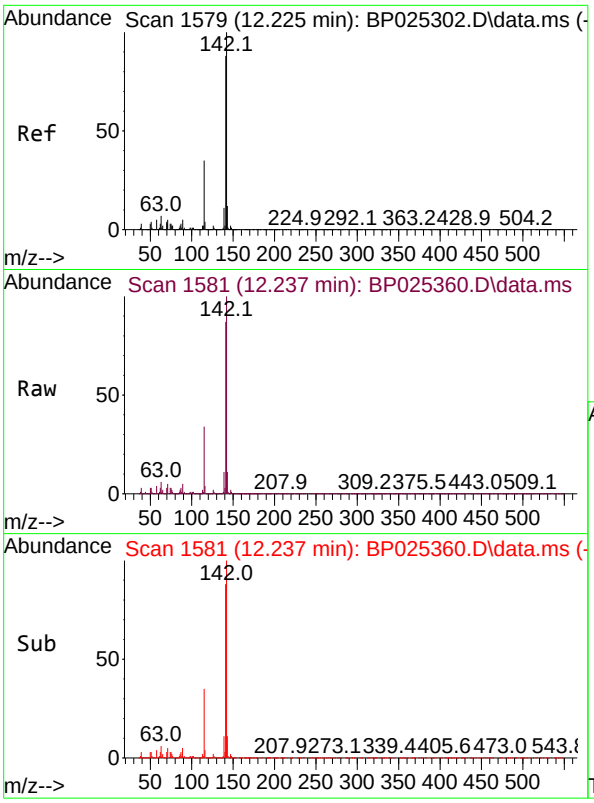


#36
4-Chloro-3-methylphenol
Concen: 40.098 ng
RT: 11.849 min Scan# 1515
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 542891

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	82.4	63.7	95.5





#37
2-Methylnaphthalene
Concen: 40.051 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

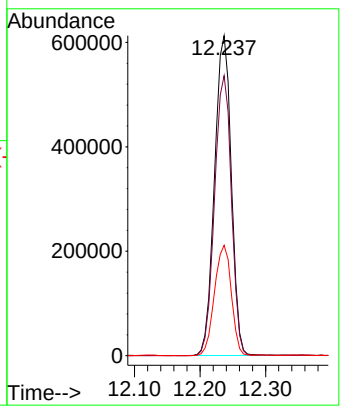
Tgt Ion:142 Resp: 108575

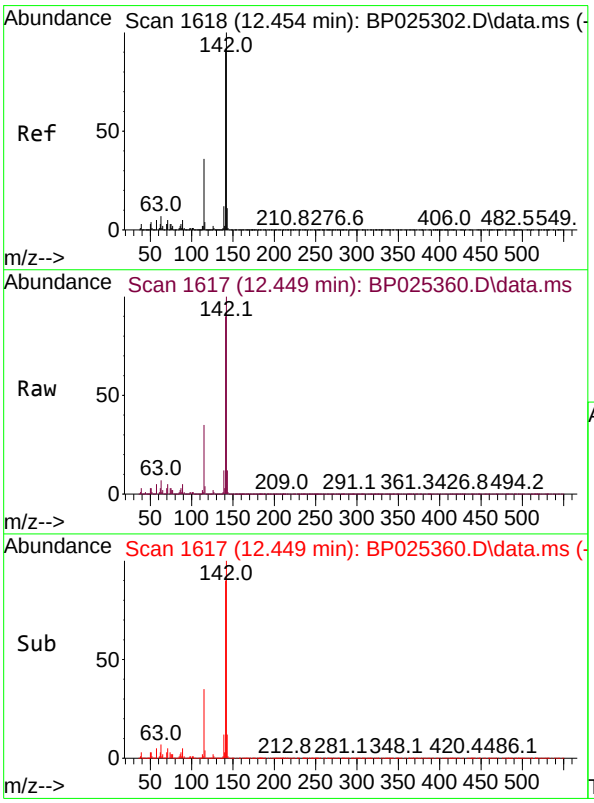
Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	34.5	28.0	42.0

Instrument :
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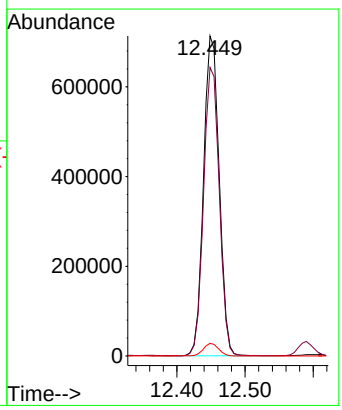


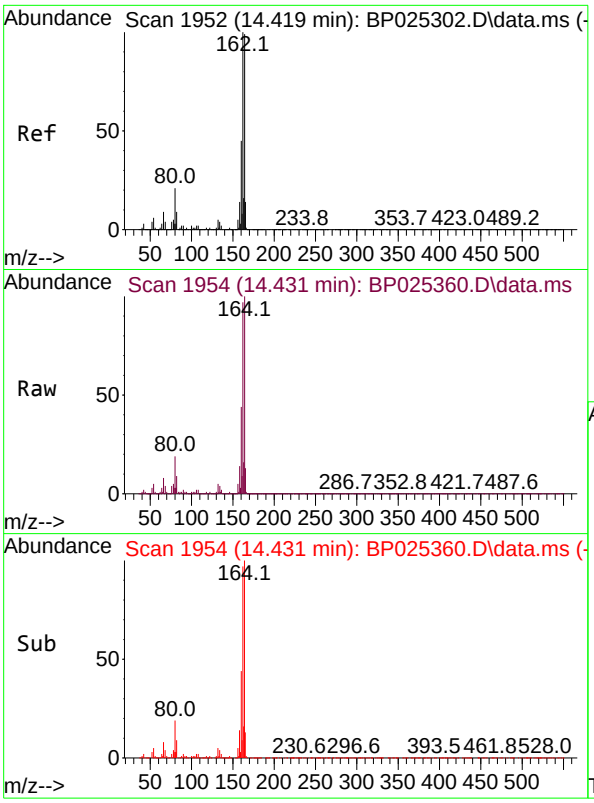


#38
1-Methylnaphthalene
Concen: 40.230 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:142 Resp: 1137953

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	3.9	3.0	4.6

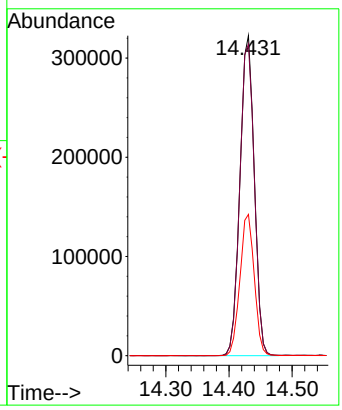




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:164 Resp: 51021

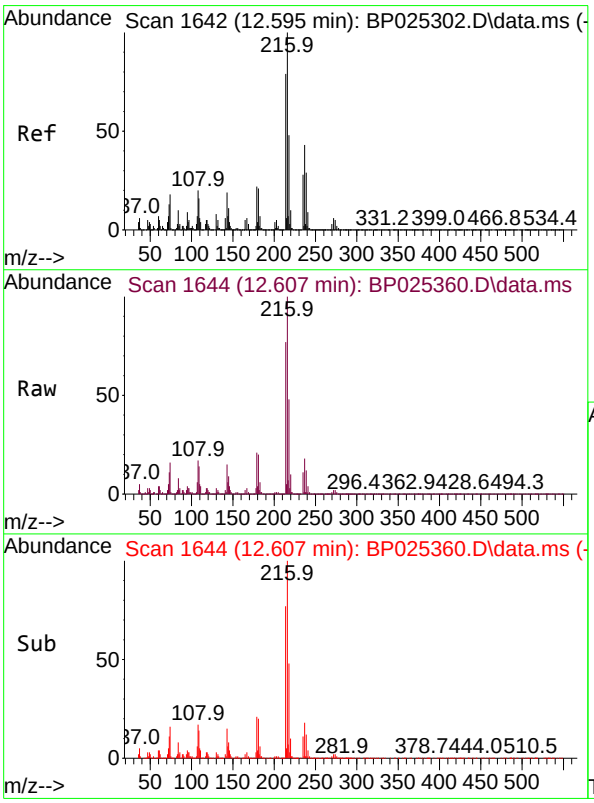
Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.6	120.8
160	44.1	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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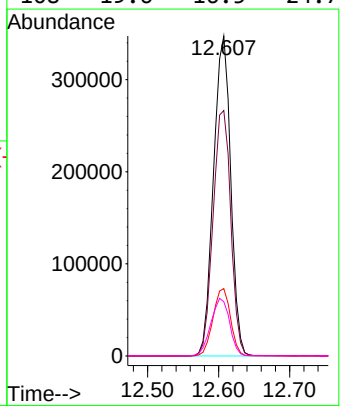
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

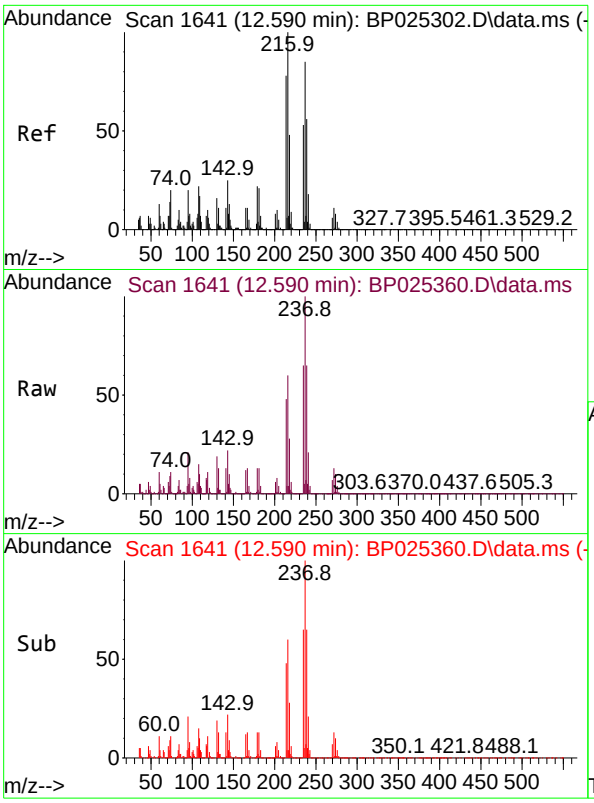


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.935 ng
RT: 12.607 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:216 Resp: 584136

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.4	93.6
179	21.5	17.5	26.3
108	19.6	16.5	24.7

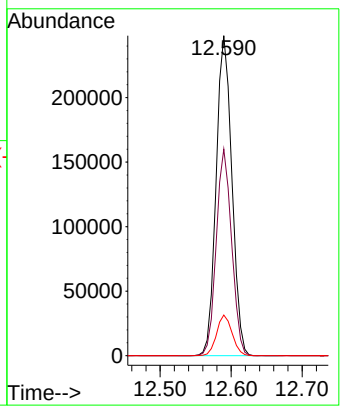




#41
Hexachlorocyclopentadiene
Concen: 44.201 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:237 Resp: 38000

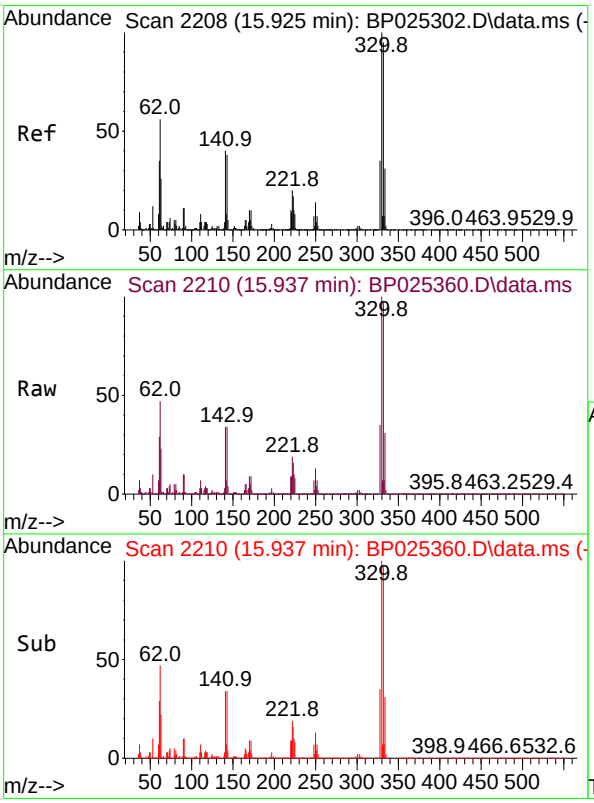
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.2	82.2
272	12.7	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
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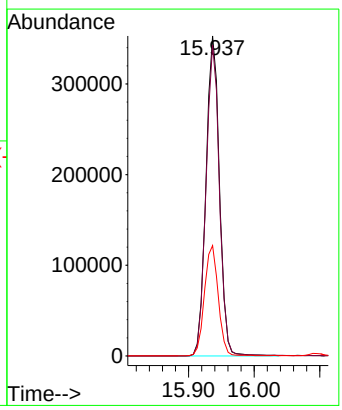
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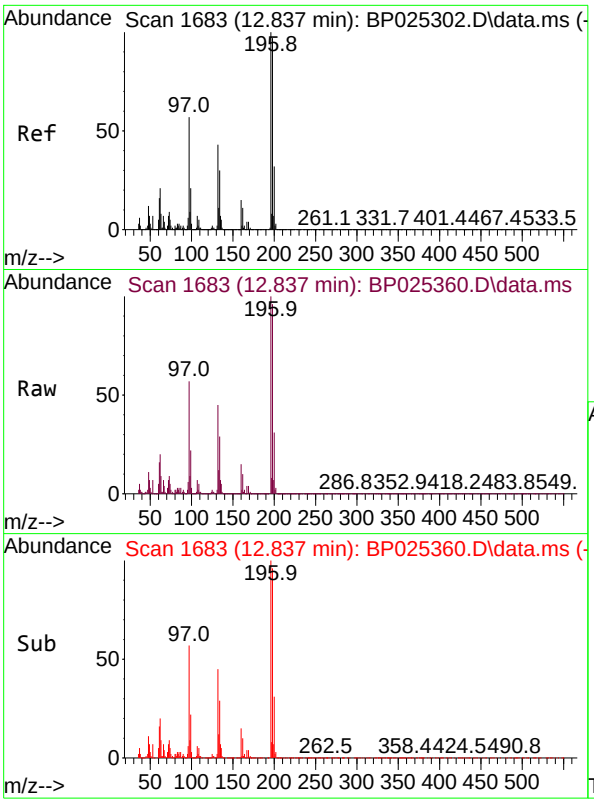


#42
2,4,6-Tribromophenol
Concen: 99.294 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:330 Resp: 505405

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	35.4	31.7	47.5

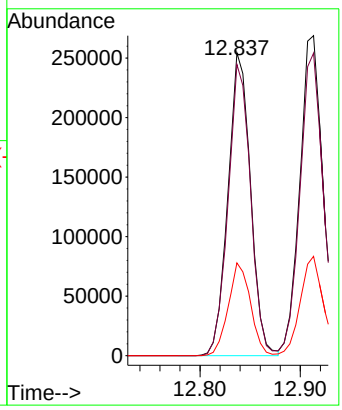




#43
2,4,6-Trichlorophenol
Concen: 44.246 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:196 Resp: 39814

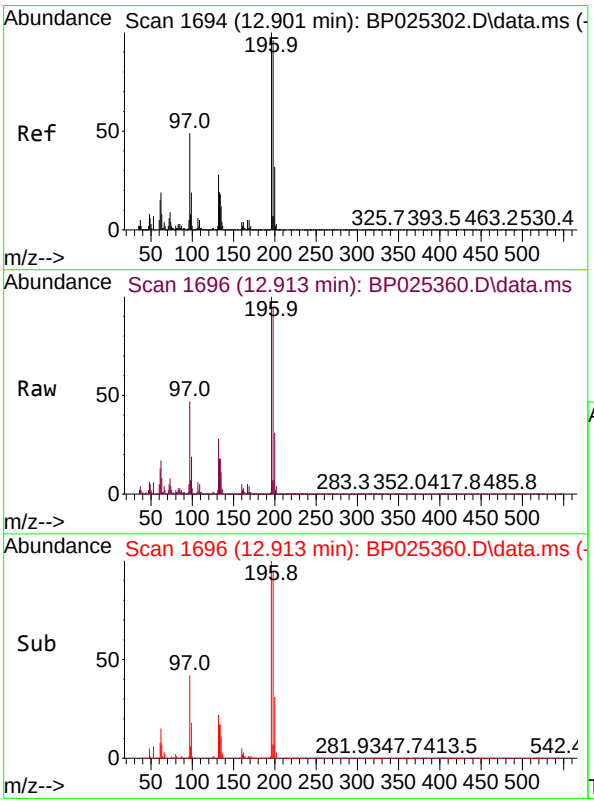
Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.3	115.9
200	30.6	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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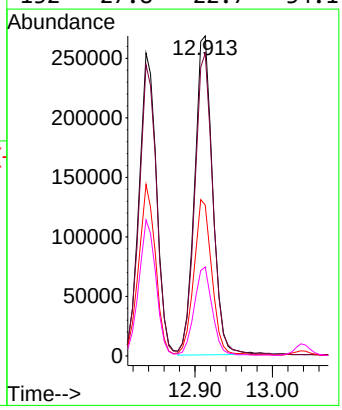
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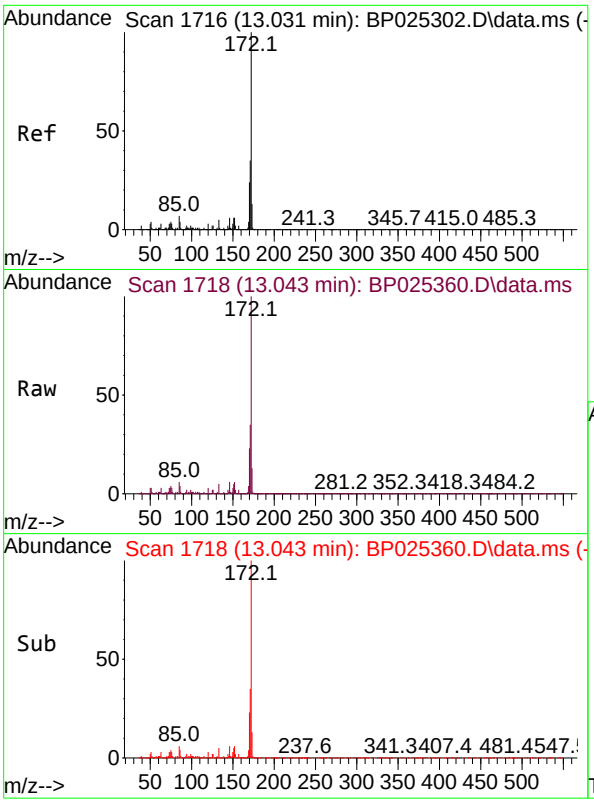


#44
2,4,5-Trichlorophenol
Concen: 42.887 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:196 Resp: 432915

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.6	114.8
97	47.1	39.5	59.3
132	27.8	22.7	34.1

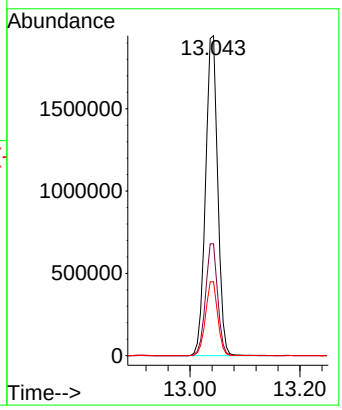




#45
2-Fluorobiphenyl
Concen: 80.727 ng
RT: 13.043 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:172 Resp: 298202

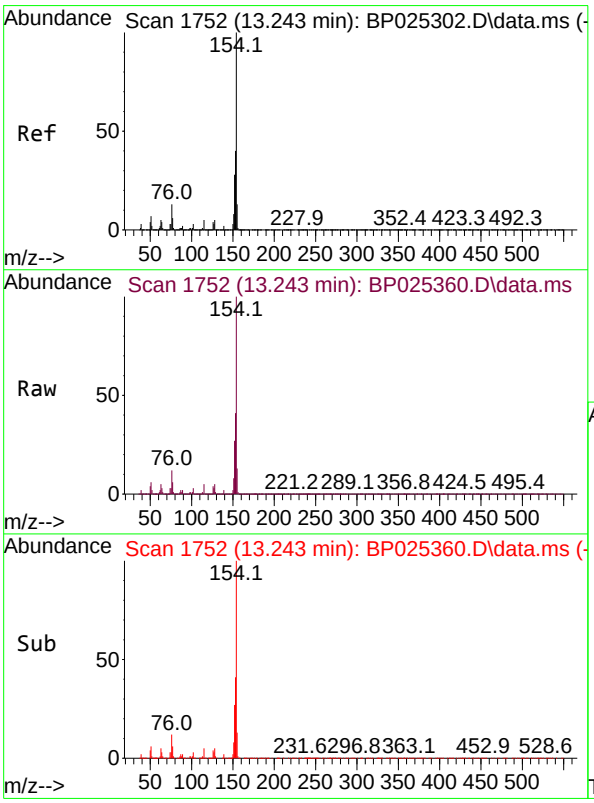
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.2	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
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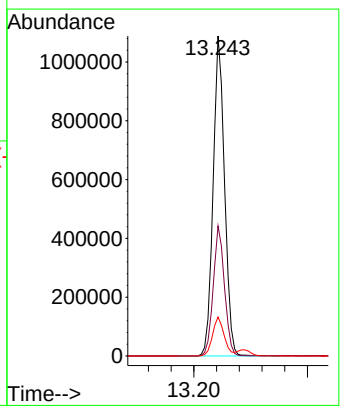
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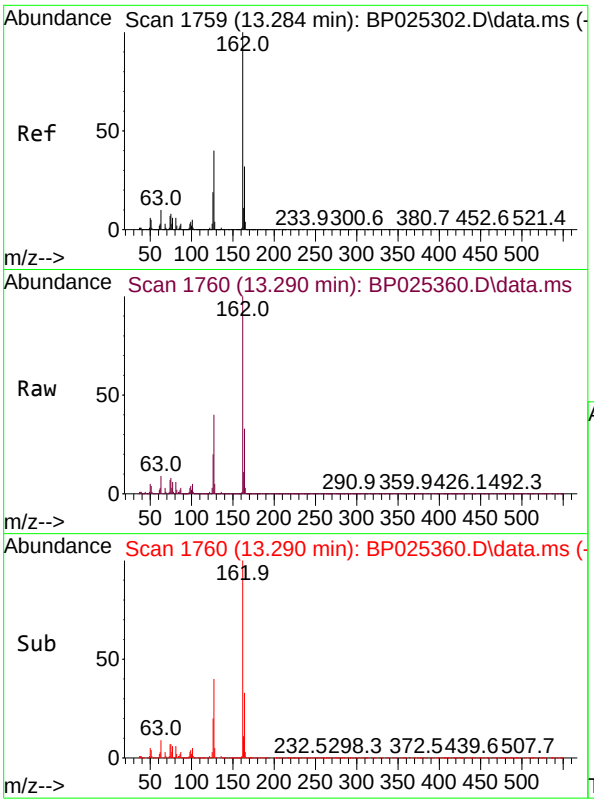


#46
1,1'-Biphenyl
Concen: 40.262 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:154 Resp: 1513840

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	12.1	0.0	33.2





#47
2-Chloronaphthalene
Concen: 40.740 ng
RT: 13.290 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

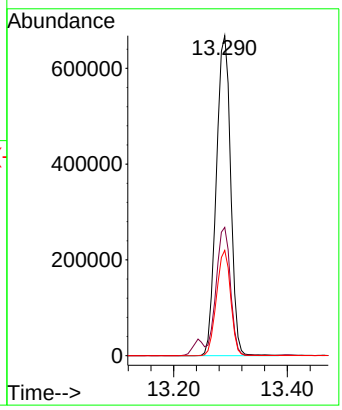
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ClientSampleId :
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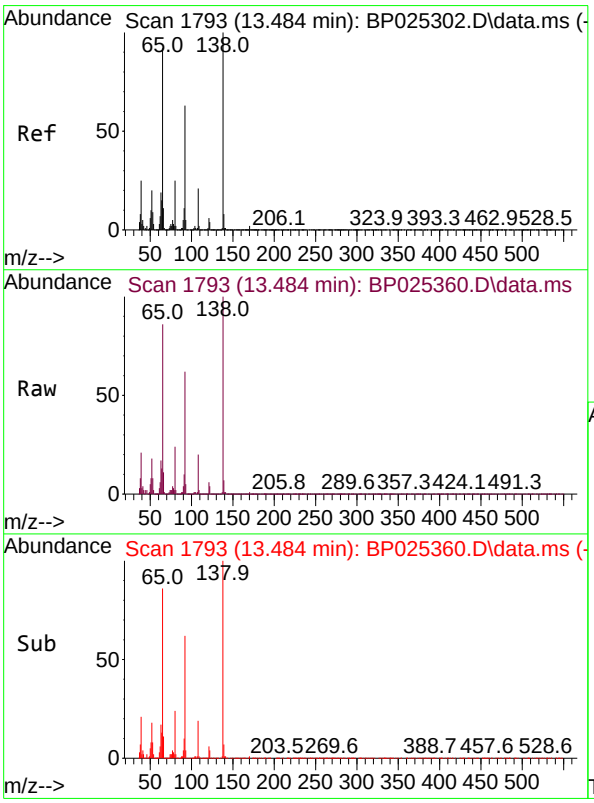
Tgt Ion:162 Resp: 116867

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.2
164	32.9	25.9	38.9

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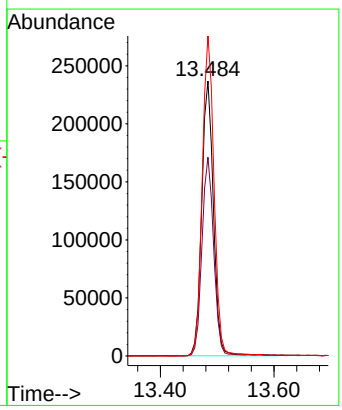


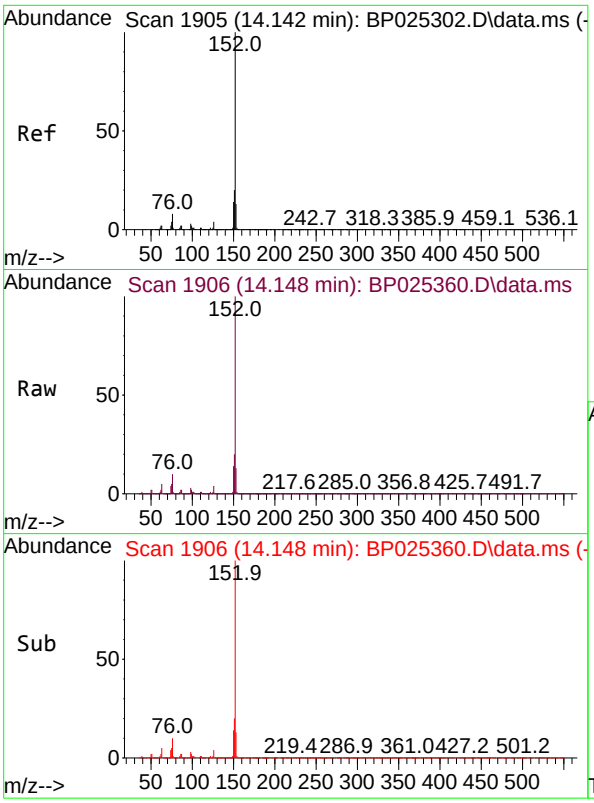


#48
2-Nitroaniline
Concen: 40.947 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 65 Resp: 340186

Ion	Ratio	Lower	Upper
65	100		
92	72.3	54.4	81.6
138	116.4	87.0	130.4





#49
Acenaphthylene
Concen: 40.266 ng
RT: 14.148 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

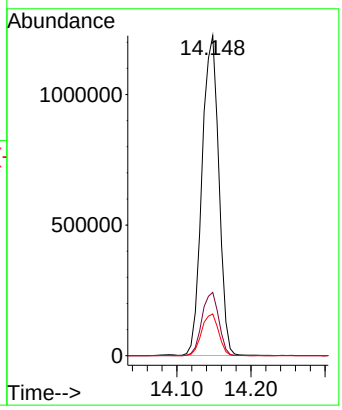
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ClientSampleId :
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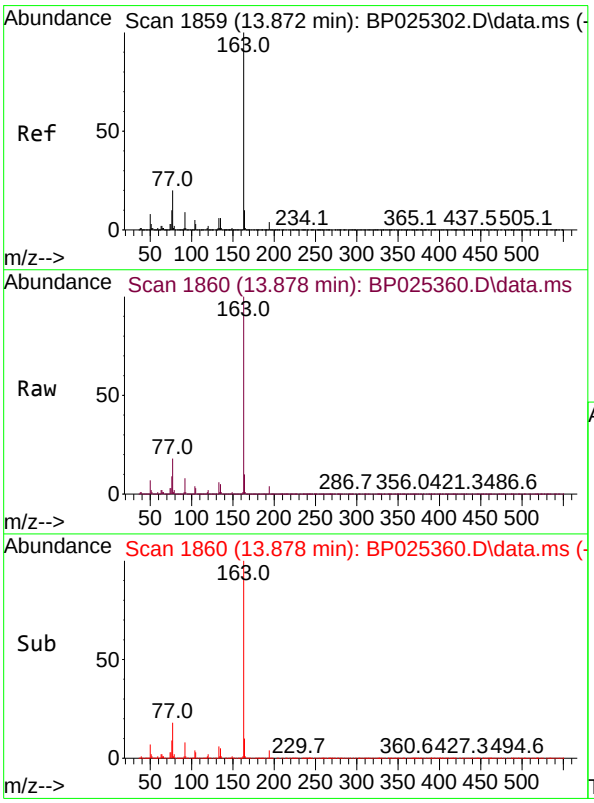
Tgt Ion:152 Resp: 192667

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.4	15.6

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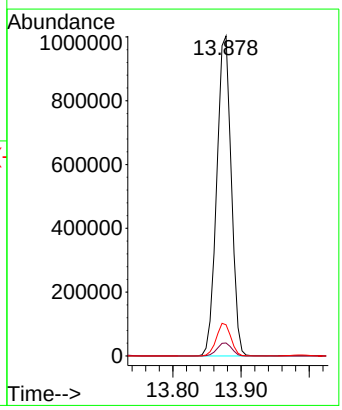


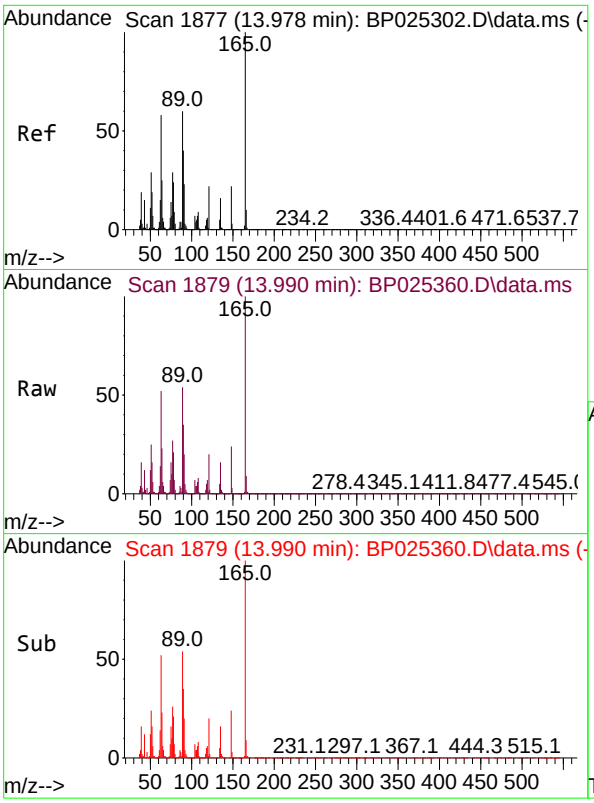


#50
Dimethylphthalate
Concen: 39.945 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:163 Resp: 1485732

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 47.464 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

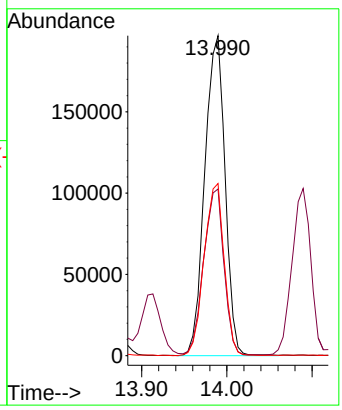
Tgt Ion:165 Resp: 32563

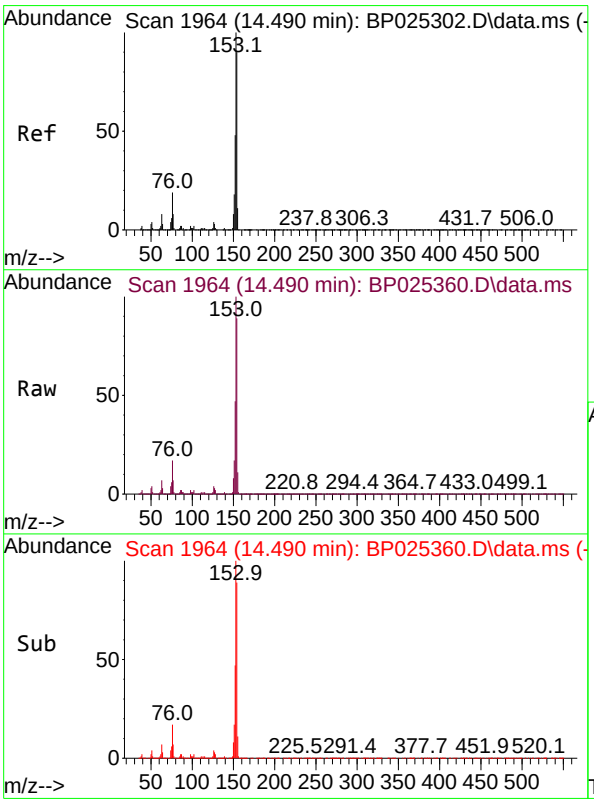
Ion	Ratio	Lower	Upper
165	100		
63	52.1	47.6	71.4
89	53.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay 08/13/2025

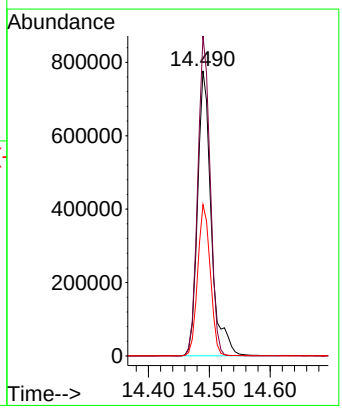


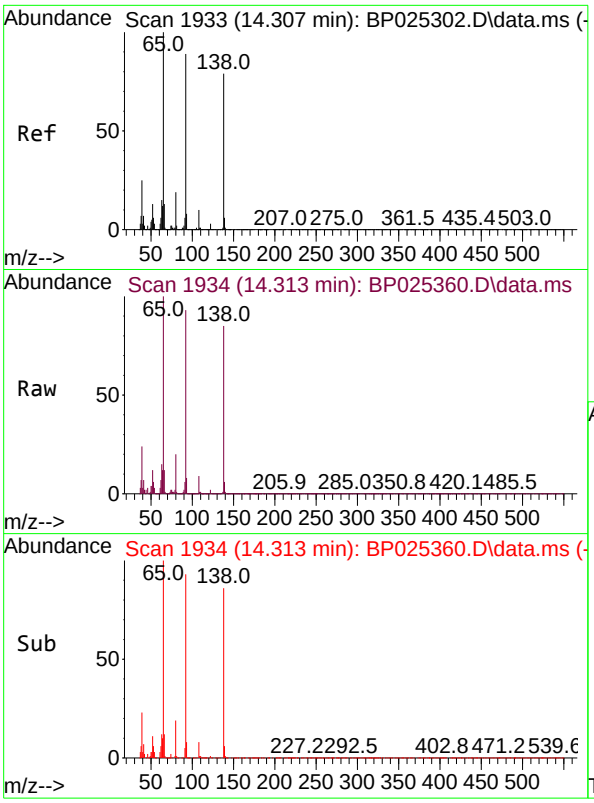


#52
Acenaphthene
Concen: 41.464 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:154 Resp: 1210197

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.0
152	53.1	43.0	64.6





#53
3-Nitroaniline
Concen: 45.776 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

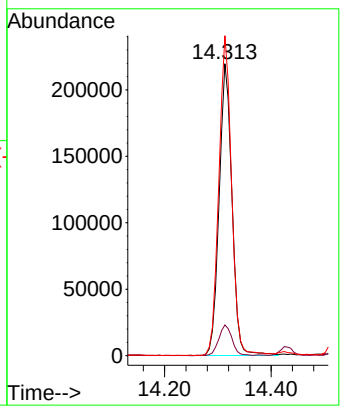
Tgt Ion:138 Resp: 36747

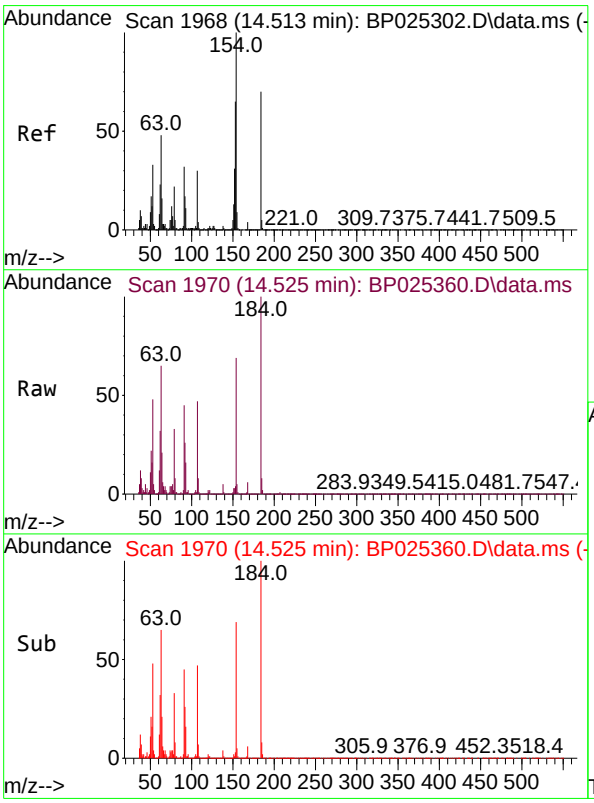
Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7
92	109.6	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

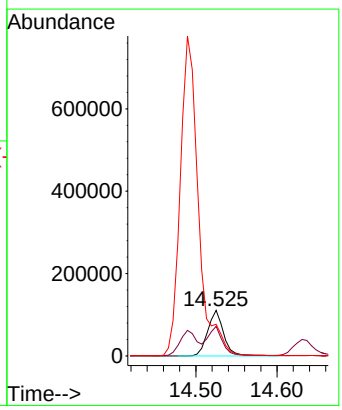


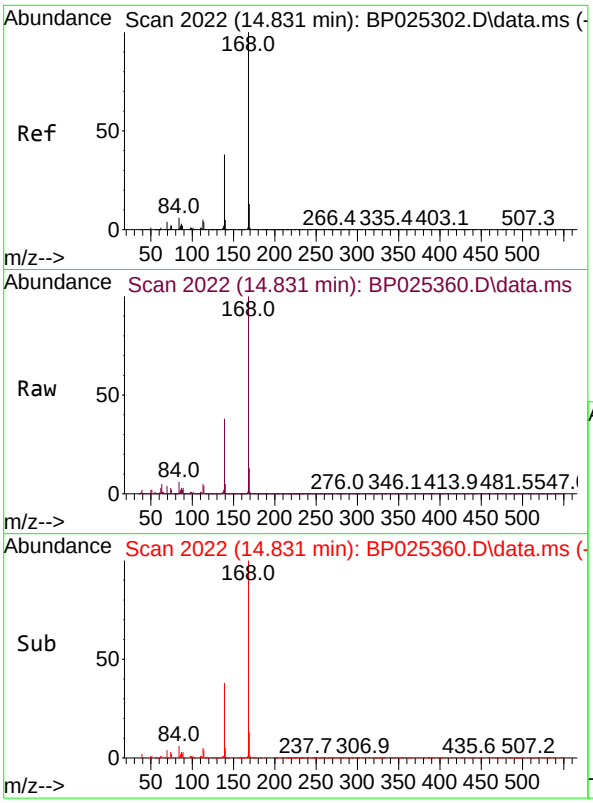


#54
2,4-Dinitrophenol
Concen: 51.187 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:184 Resp: 151086

Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.3	84.5
154	69.5	124.5	186.7#

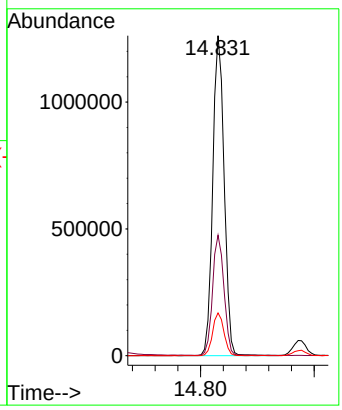




#55
Dibenzofuran
Concen: 40.091 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:168 Resp: 174861

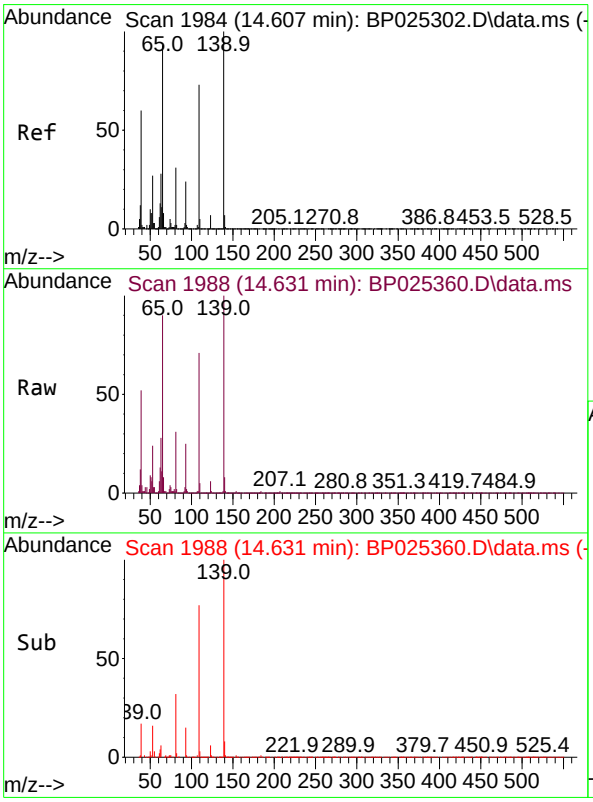
Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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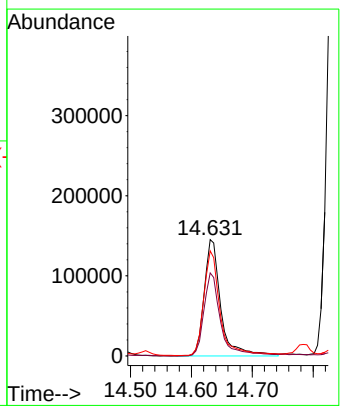
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

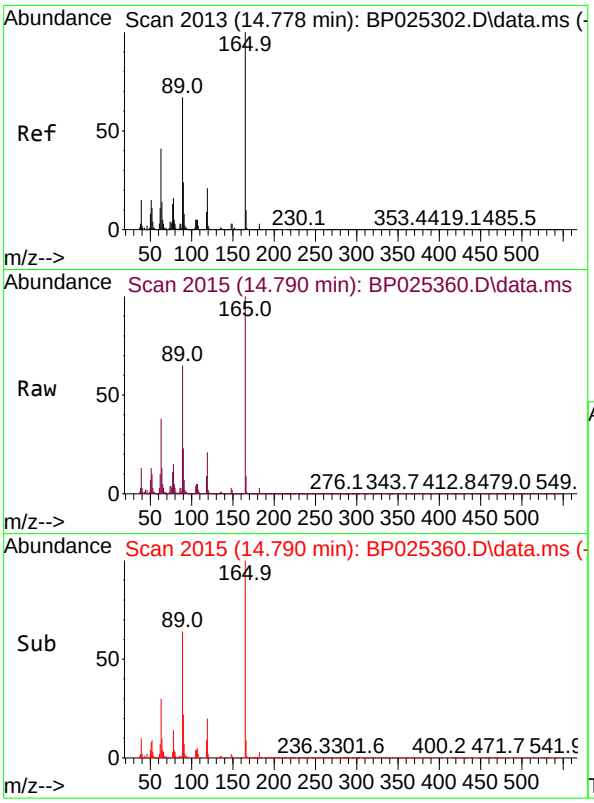


#56
4-Nitrophenol
Concen: 38.916 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:139 Resp: 275723

Ion	Ratio	Lower	Upper
139	100		
109	71.4	52.7	92.7
65	90.4	73.4	113.4

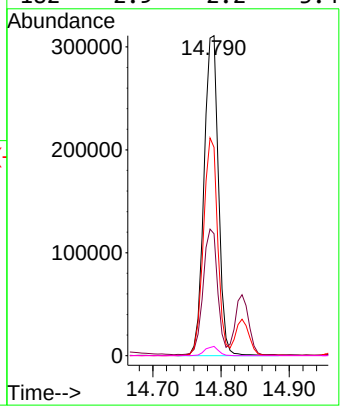




#57
2,4-Dinitrotoluene
Concen: 43.380 ng
RT: 14.790 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:165 Resp: 45777

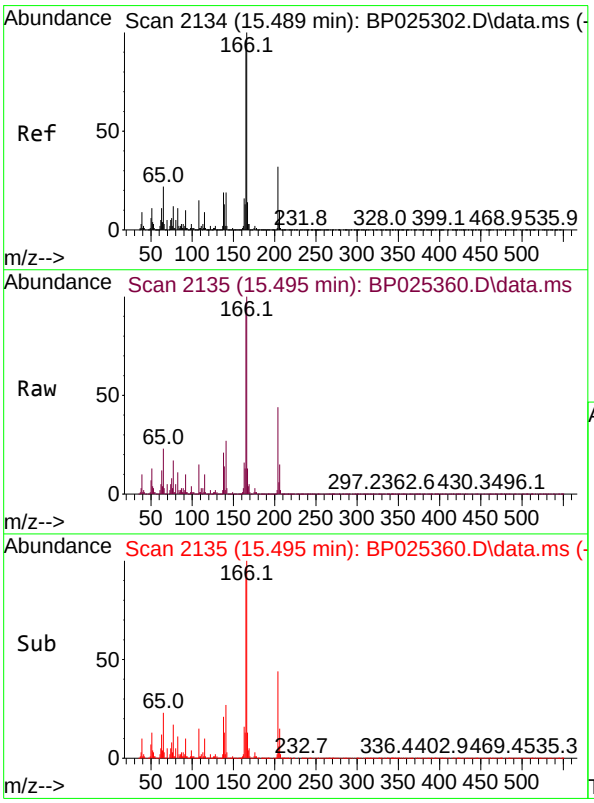
Ion	Ratio	Lower	Upper
165	100		
63	38.1	33.2	49.8
89	65.1	53.5	80.3
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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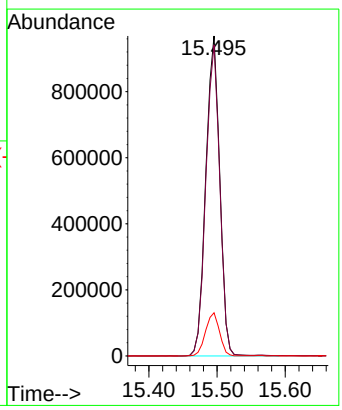
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

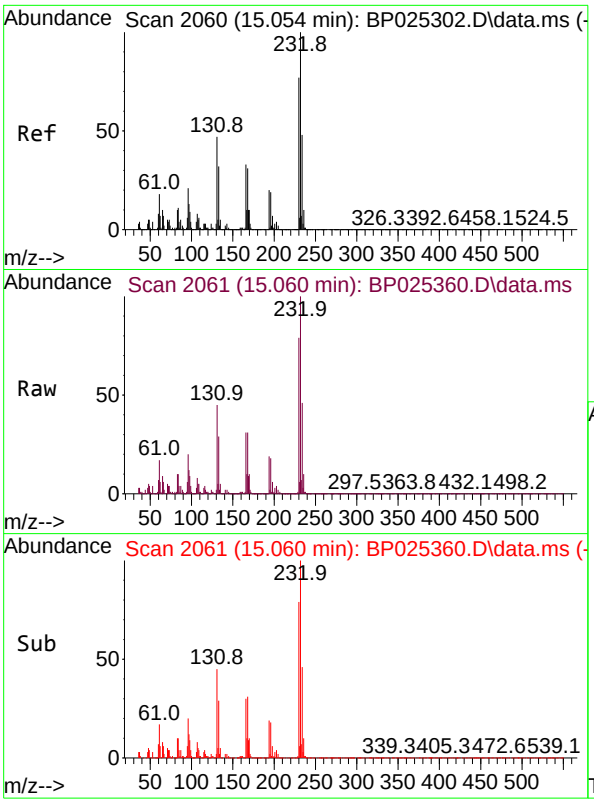


#58
Fluorene
Concen: 40.245 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:166 Resp: 1378667

Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.7	115.1
167	13.5	10.9	16.3

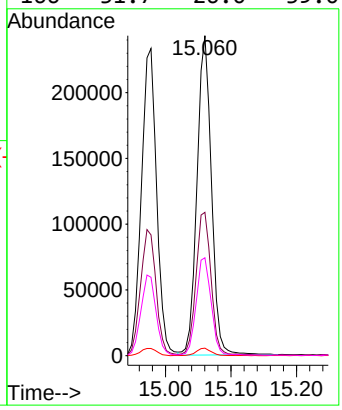




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.239 ng
RT: 15.060 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:232 Resp: 37302

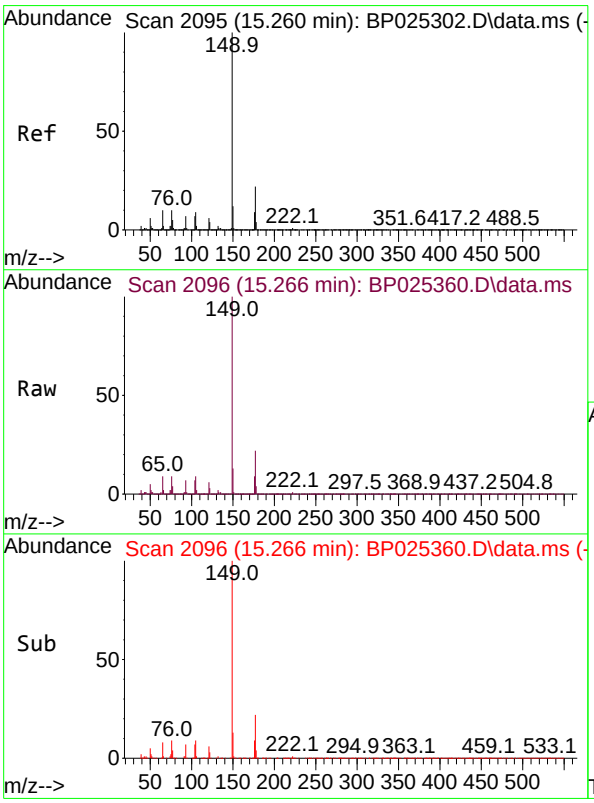
Ion	Ratio	Lower	Upper
232	100		
131	46.5	39.3	58.9
130	2.4	2.2	3.2
166	31.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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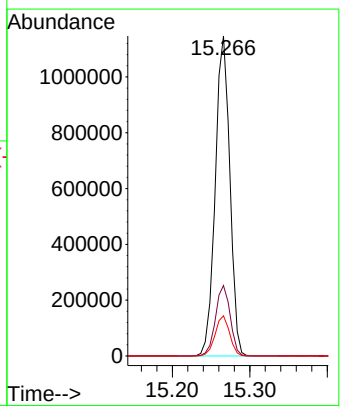
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

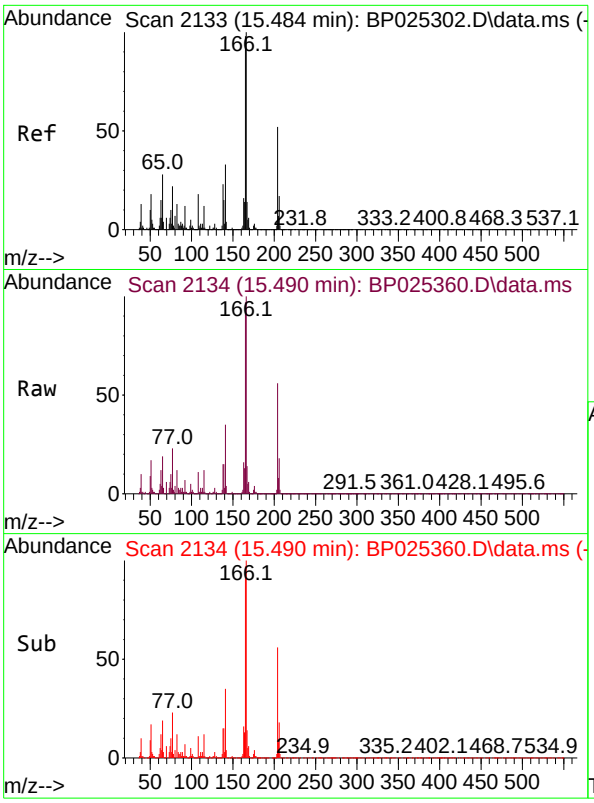


#60
Diethylphthalate
Concen: 39.922 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1496993

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.6	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 40.936 ng
RT: 15.490 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

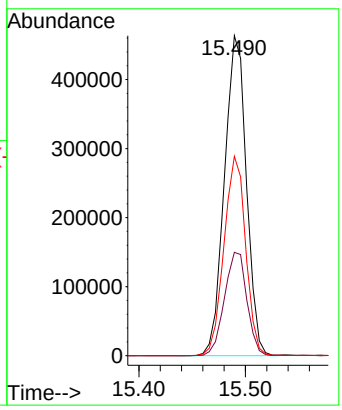
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

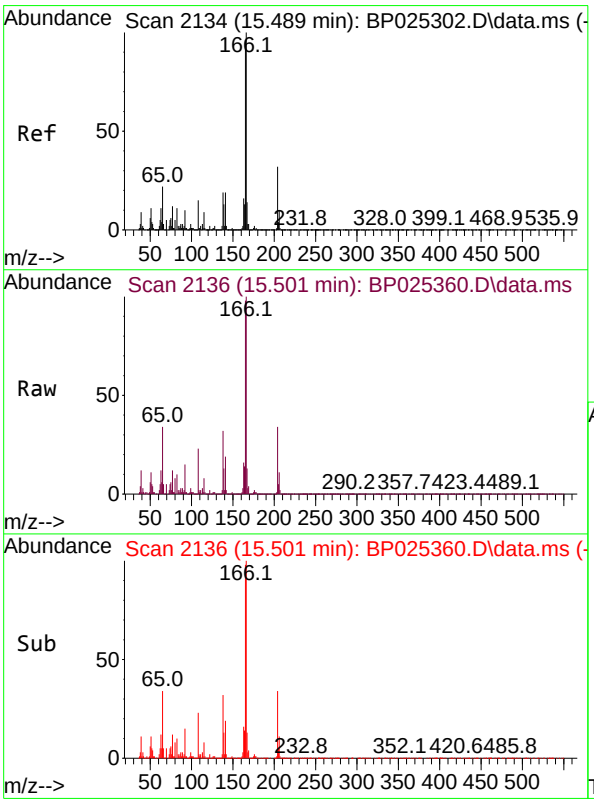
Tgt Ion:204 Resp: 66481

Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.0	40.4
141	62.3	50.3	75.5

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

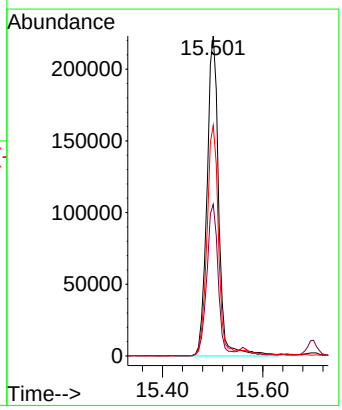


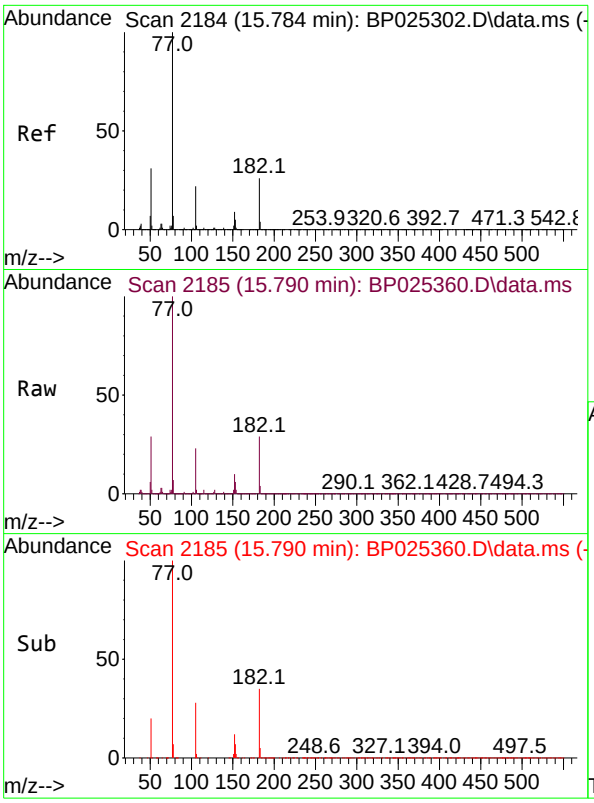


#62
4-Nitroaniline
Concen: 45.592 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:138 Resp: 362655

Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.8	69.8
108	72.1	56.6	96.6





#63
Azobenzene
Concen: 38.207 ng
RT: 15.790 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

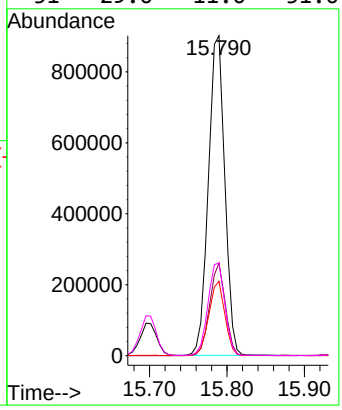
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

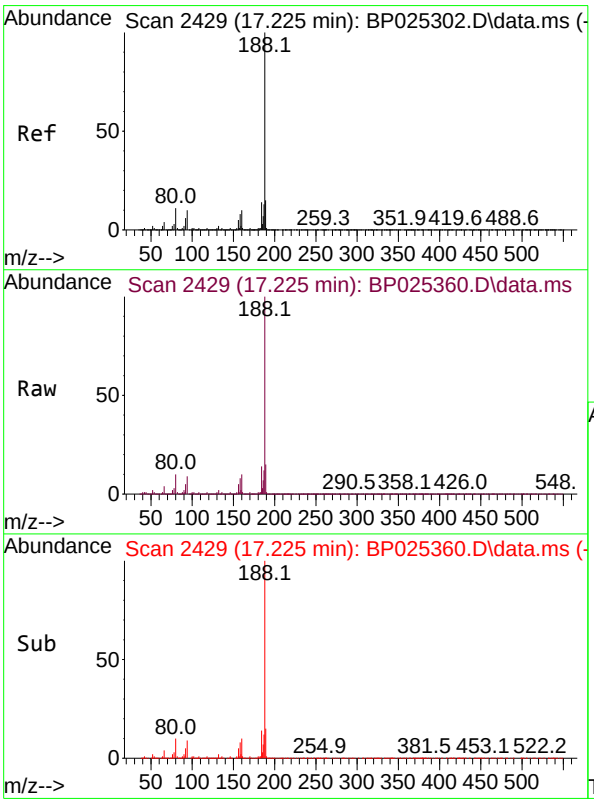
Tgt Ion: 77 Resp: 133096

Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.0	46.0
105	23.2	2.1	42.1
51	29.0	11.0	51.0

Manual Integrations
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Supervised By :Jagrut Upadhyay 08/13/2025

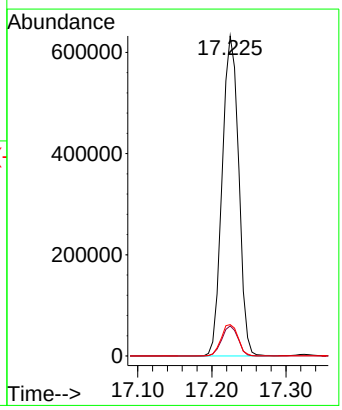


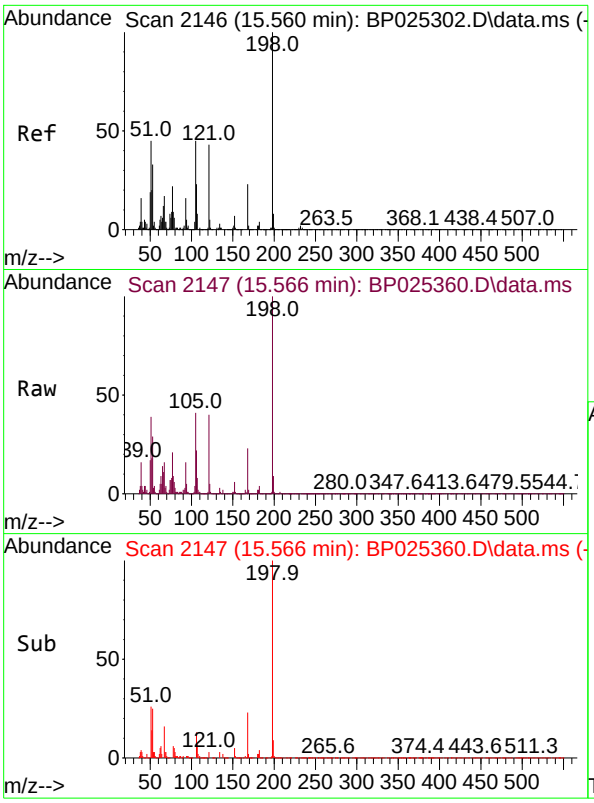


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:188 Resp: 980228

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.8	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 53.009 ng
RT: 15.566 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

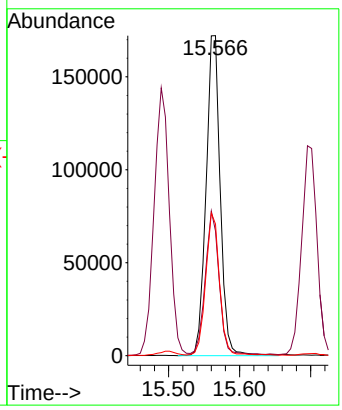
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

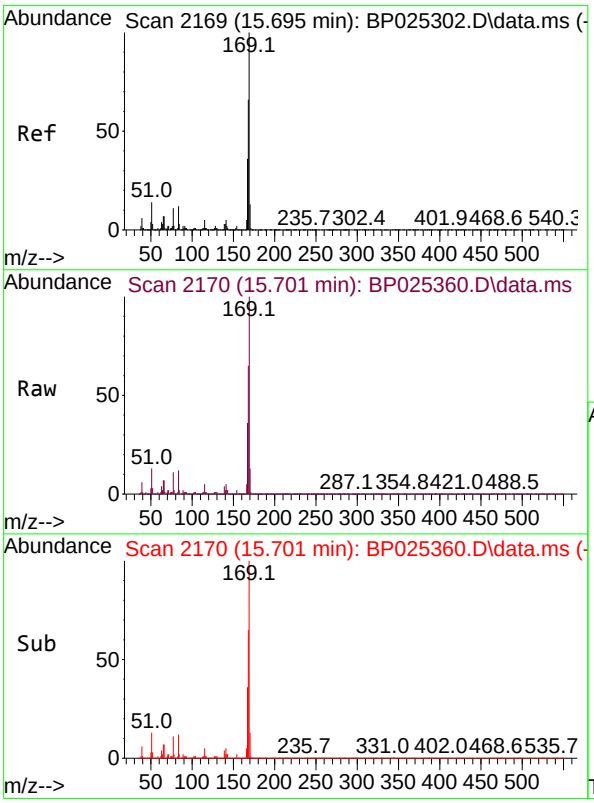
Tgt Ion:198 Resp: 23930

Ion	Ratio	Lower	Upper
198	100		
51	39.0	26.7	66.7
105	41.2	25.6	65.6

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Supervised By :Jagrut Upadhyay 08/13/2025

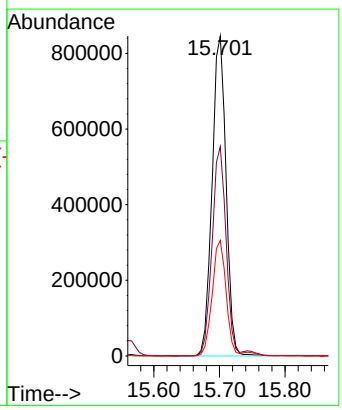


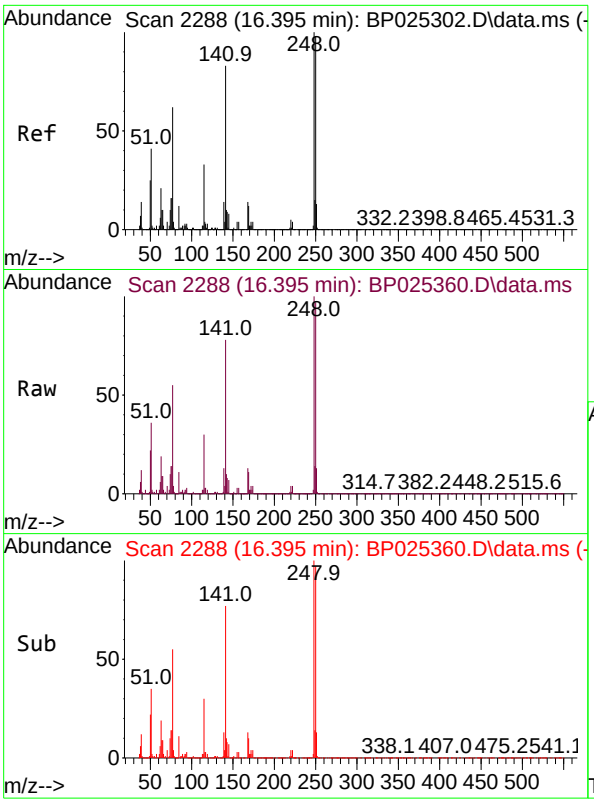


#66
n-Nitrosodiphenylamine
Concen: 41.916 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:169 Resp: 1251042

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	36.1	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 43.265 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

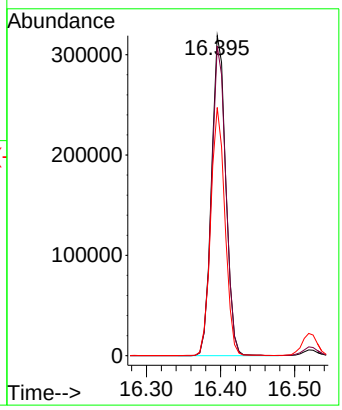
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BNA_P
ClientSampleId :
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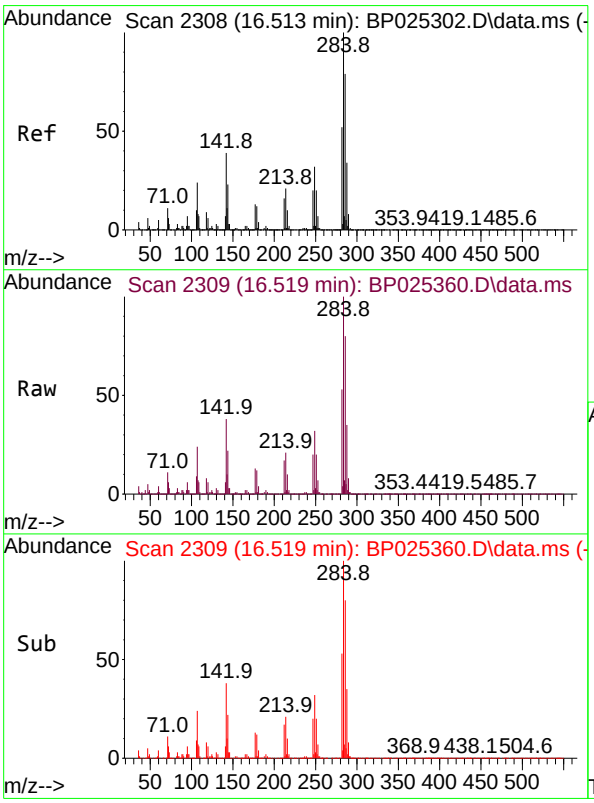
Tgt Ion:248 Resp: 42671

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	77.6	66.6	99.8

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Supervised By :Jagrut Upadhyay 08/13/2025

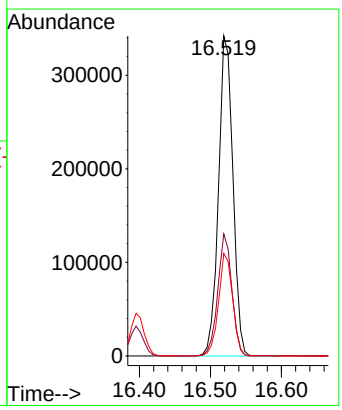


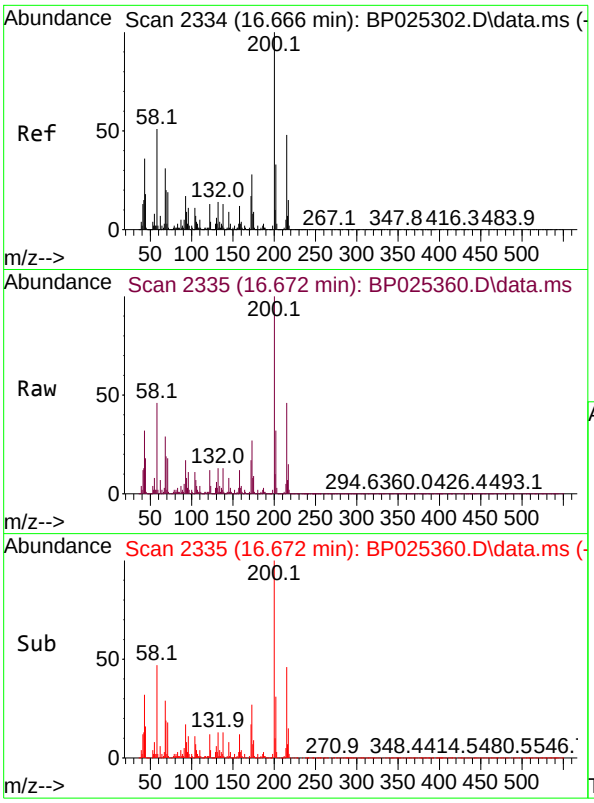


#68
Hexachlorobenzene
Concen: 43.296 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:284 Resp: 479138

Ion	Ratio	Lower	Upper
284	100		
142	38.2	30.8	46.2
249	32.1	25.4	38.0





#69
Atrazine
Concen: 42.766 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

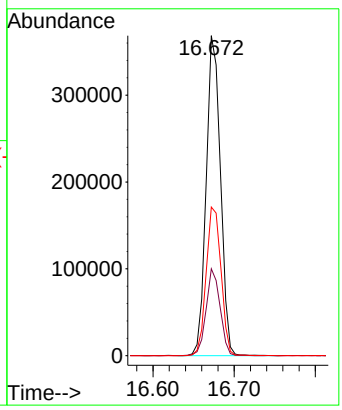
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

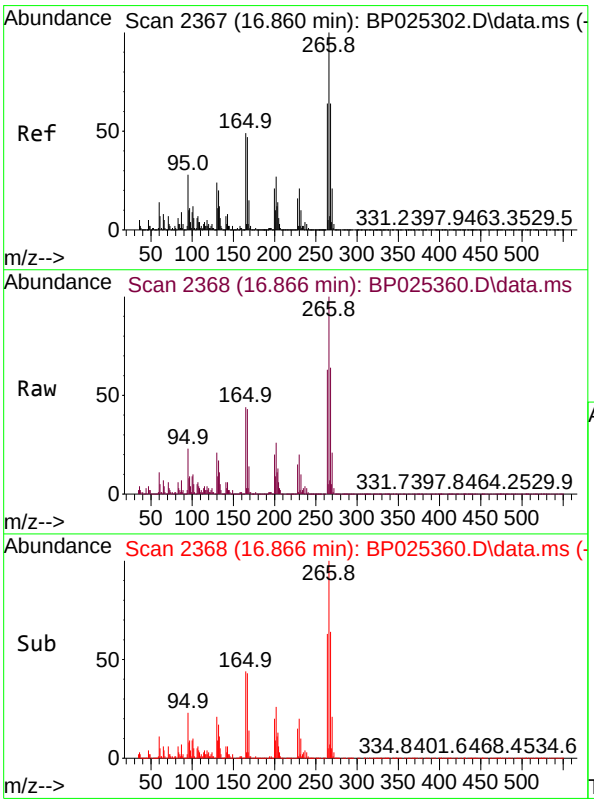
Tgt Ion:200 Resp: 44887

Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.2	48.2
215	46.4	28.1	68.1

Manual Integrations
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Supervised By :Jagrut Upadhyay 08/13/2025

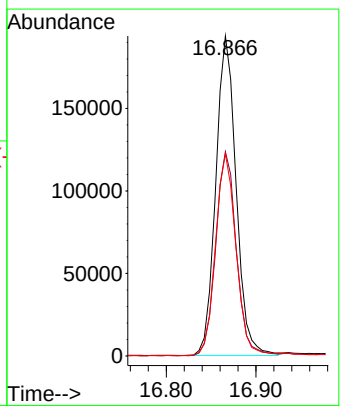


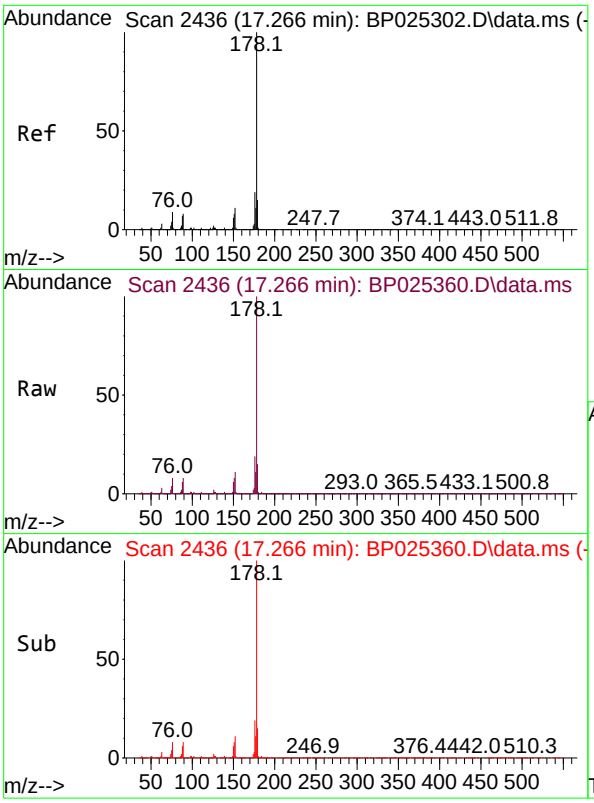


#70
Pentachlorophenol
Concen: 43.240 ng
RT: 16.866 min Scan# 2368
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:266 Resp: 304867

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.0
264	63.2	51.1	76.7

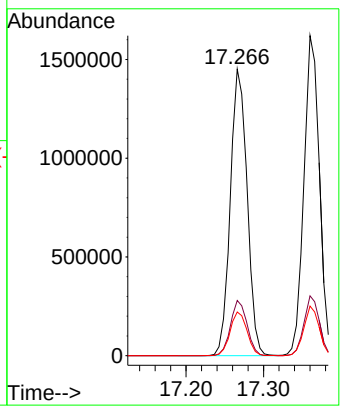




#71
Phenanthrene
Concen: 40.873 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:178 Resp: 219441

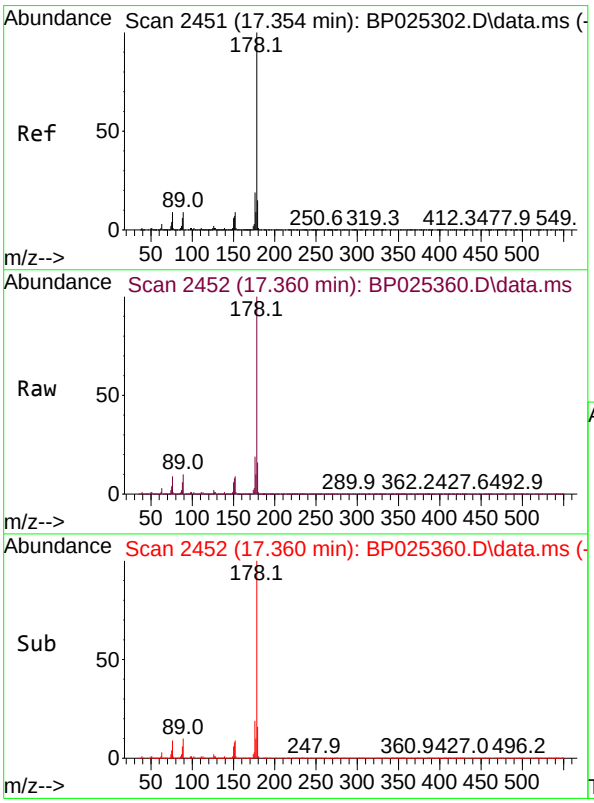
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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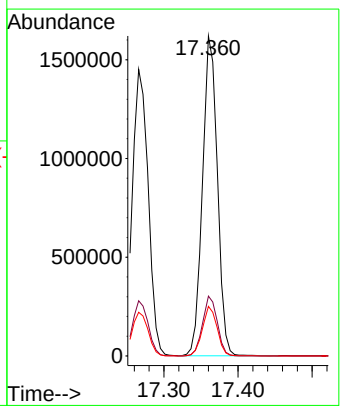
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

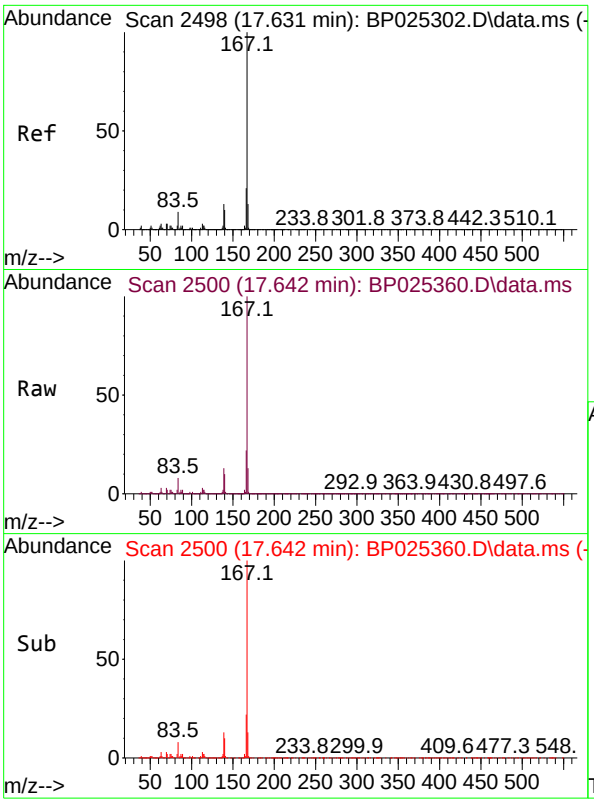


#72
Anthracene
Concen: 41.766 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:178 Resp: 2260955

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.3	18.5

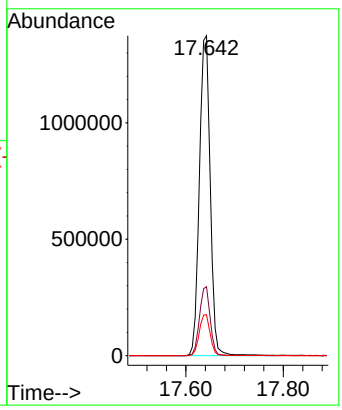




#73
Carbazole
Concen: 40.867 ng
RT: 17.642 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:167 Resp: 212365

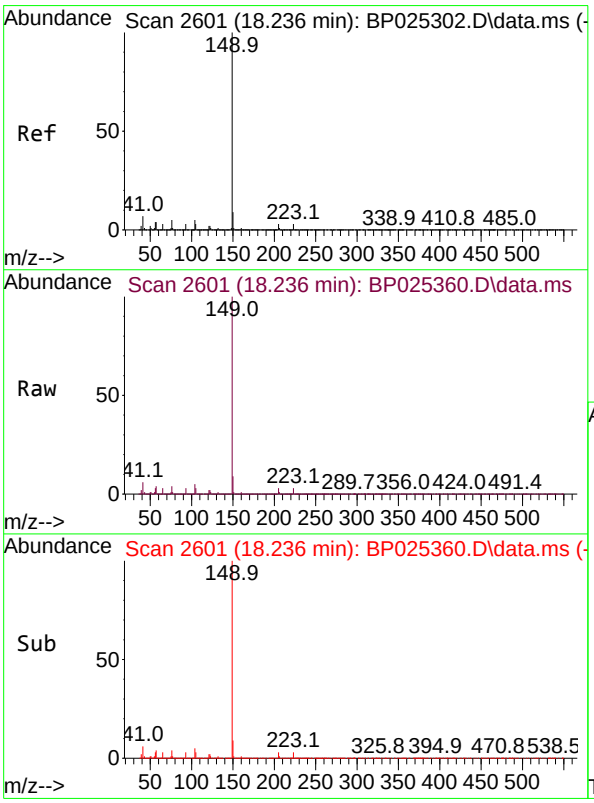
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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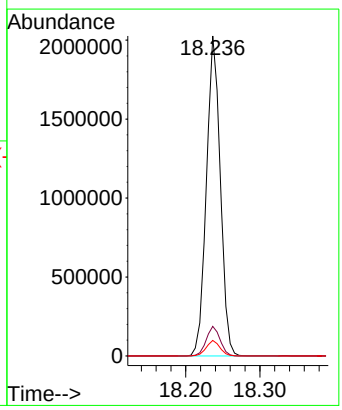
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

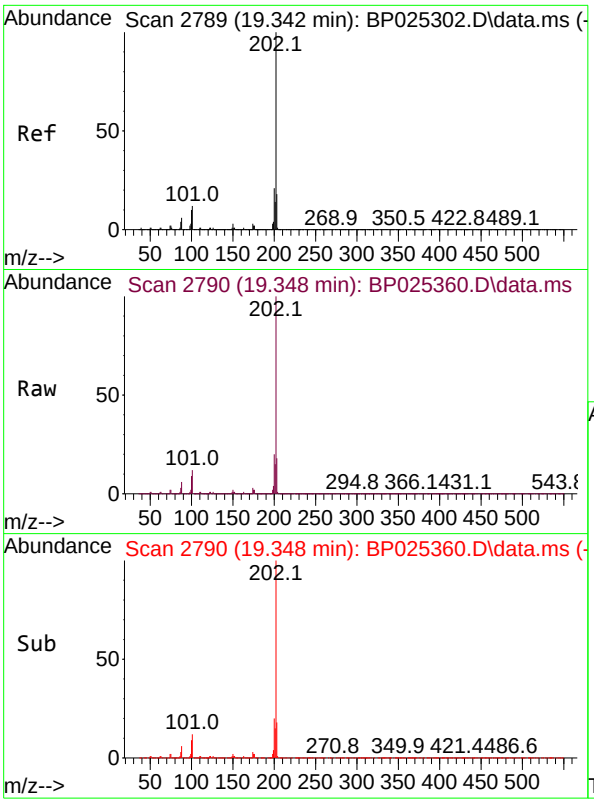


#74
Di-n-butylphthalate
Concen: 42.037 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 2642646

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	4.1	6.1





#75
Fluoranthene
Concen: 40.815 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

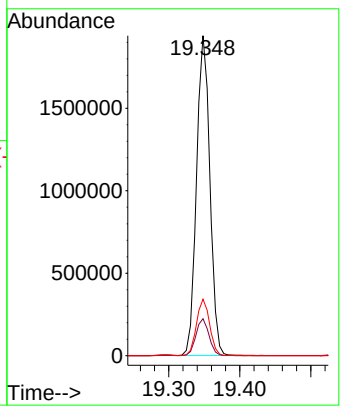
Tgt Ion:202 Resp: 253666

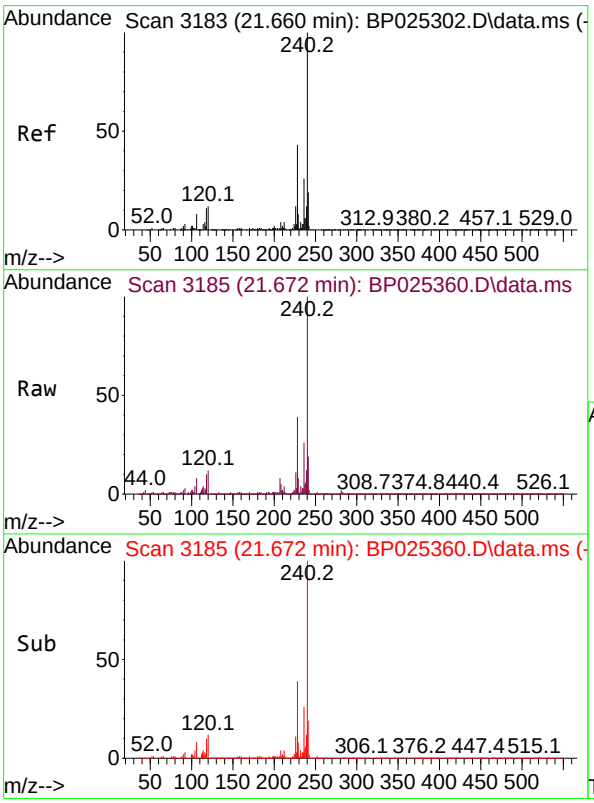
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.6	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

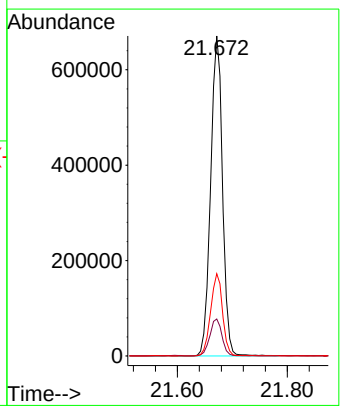


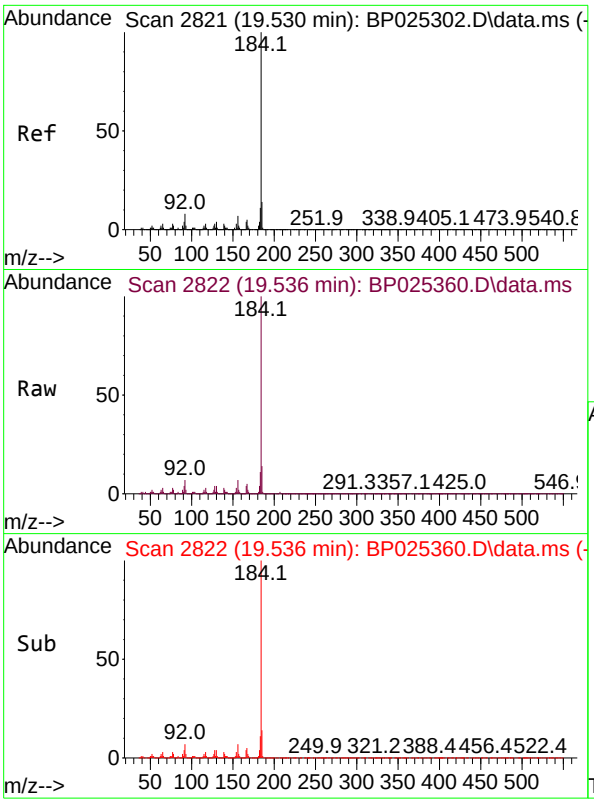


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:240 Resp: 1004808

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.7	20.4	30.6

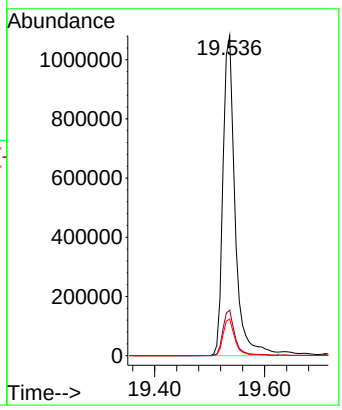




#77
Benzidine
Concen: 45.402 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:184 Resp: 165118

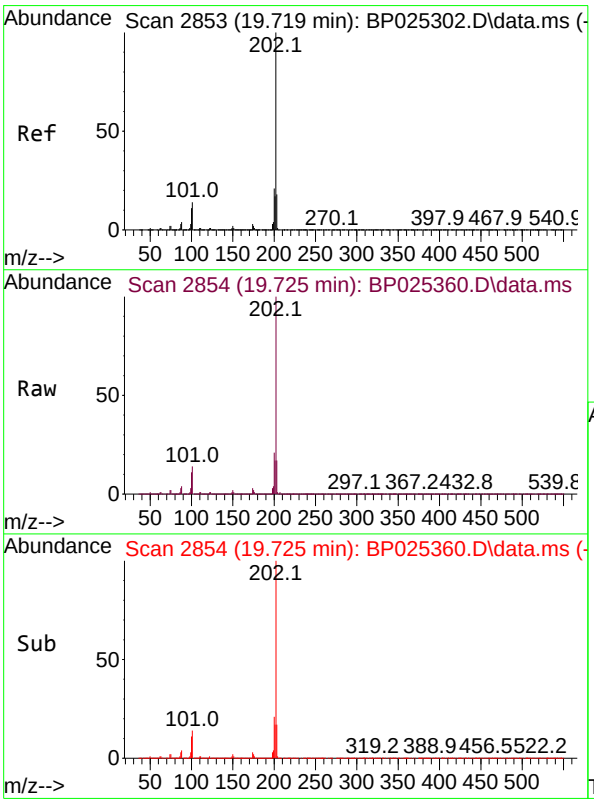
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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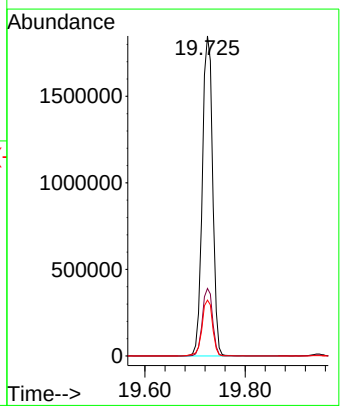
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

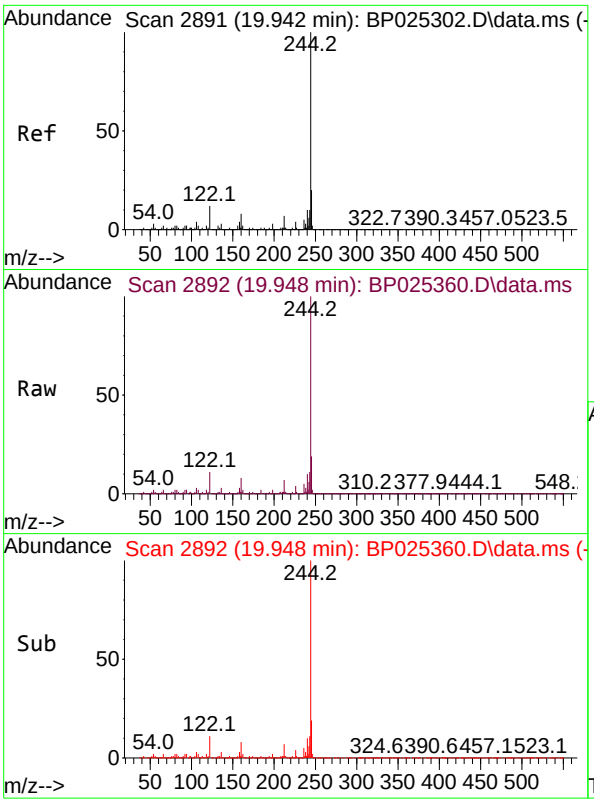


#78
Pyrene
Concen: 39.582 ng
RT: 19.725 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:202 Resp: 2644783

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	14.1	21.1





#79
Terphenyl-d14
Concen: 81.161 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

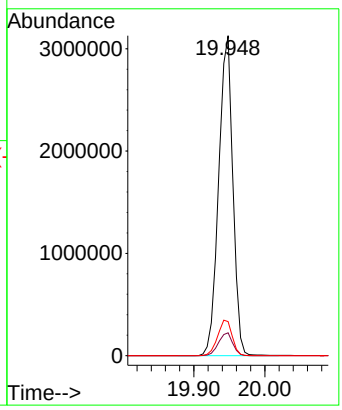
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

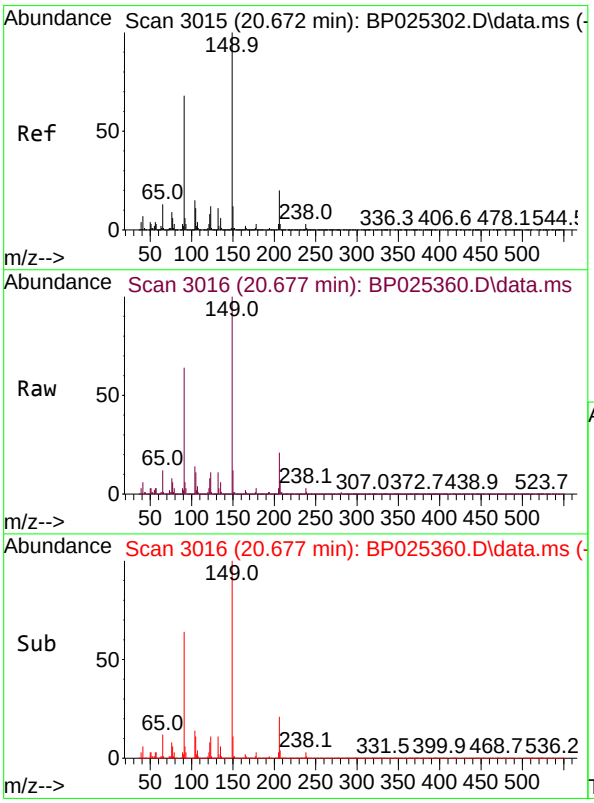
Tgt Ion:244 Resp: 431768

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	9.5	14.3

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

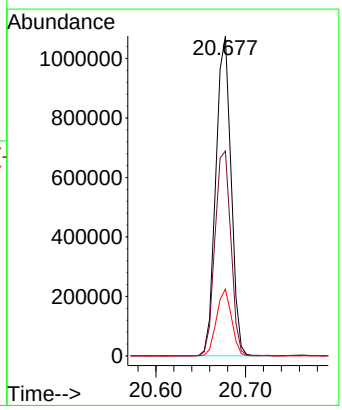


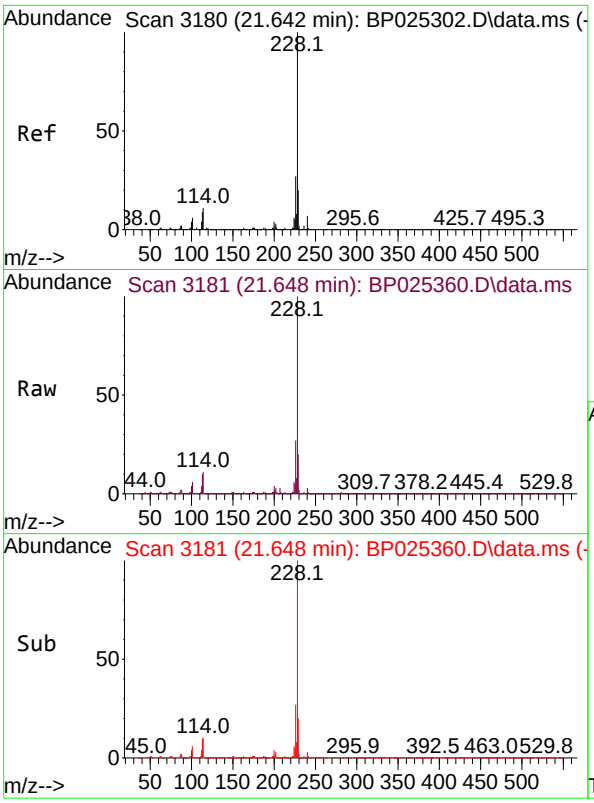


#80
Butylbenzylphthalate
Concen: 46.843 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1269396

Ion	Ratio	Lower	Upper
149	100		
91	64.1	54.7	82.1
206	20.9	16.4	24.6





#81
Benzo(a)anthracene
Concen: 39.876 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

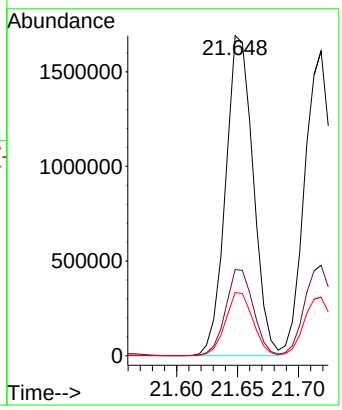
Tgt Ion:228 Resp: 266260

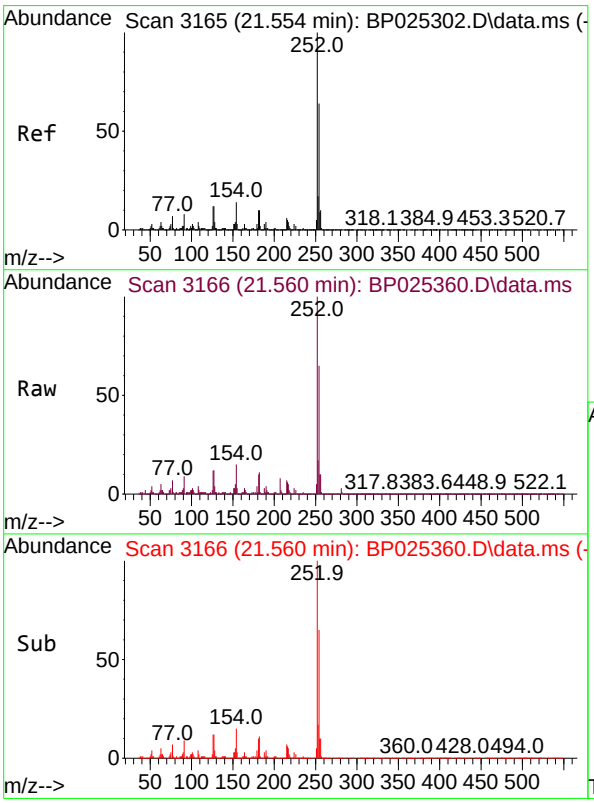
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.7	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

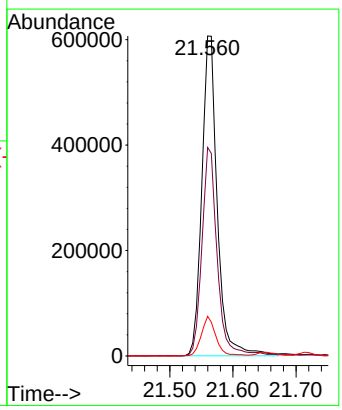


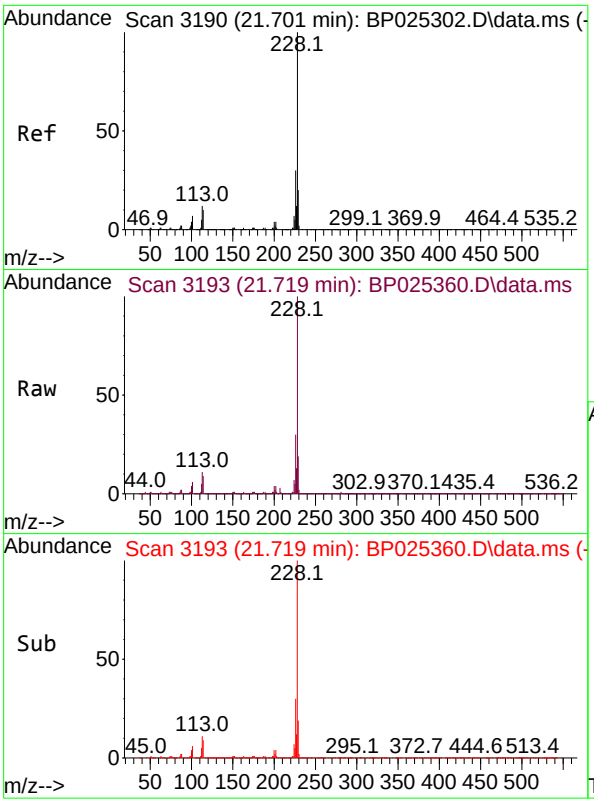


#82
3,3'-Dichlorobenzidine
Concen: 43.881 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 1033776

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.6
126	12.4	9.4	14.2

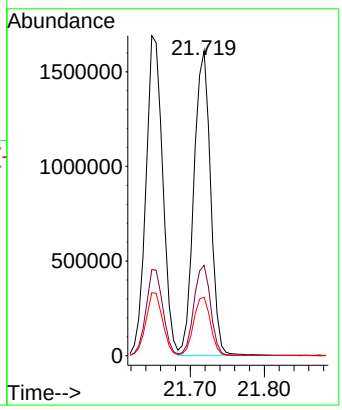




#83
Chrysene
Concen: 40.567 ng
RT: 21.719 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:228 Resp: 251235

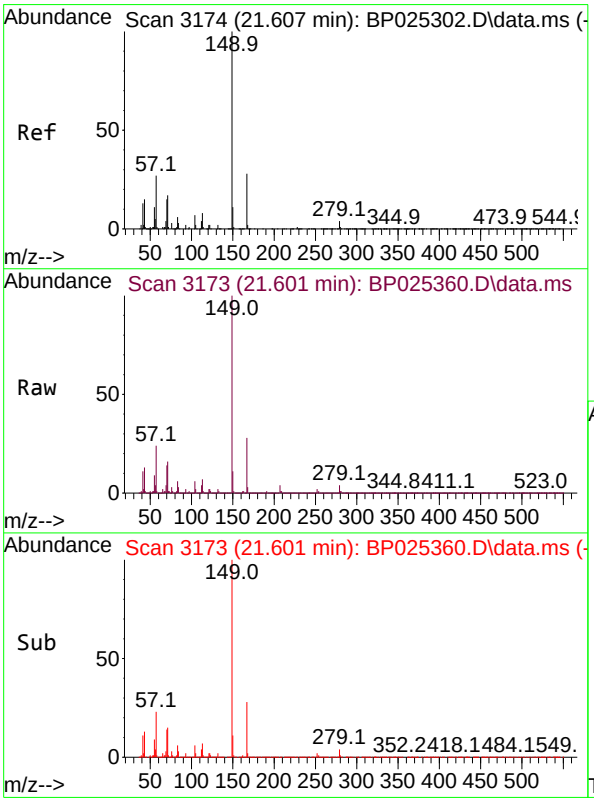
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.2	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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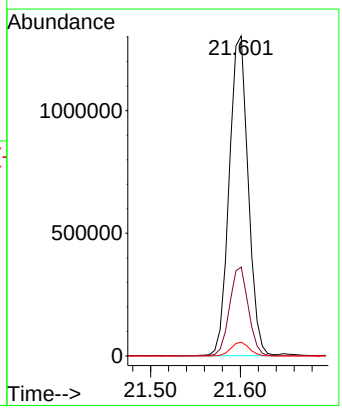
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

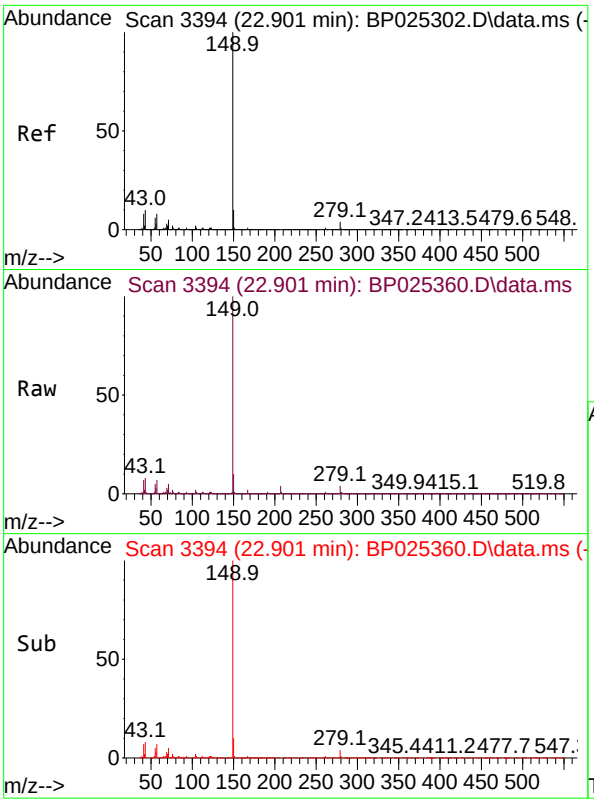


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.225 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1913652

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 46.170 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

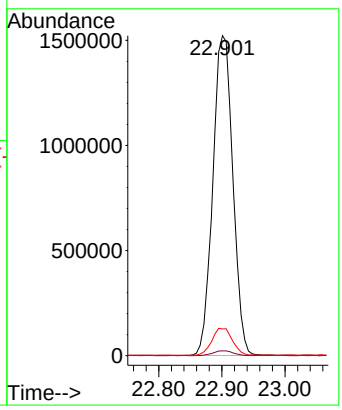
Tgt Ion:149 Resp: 334395

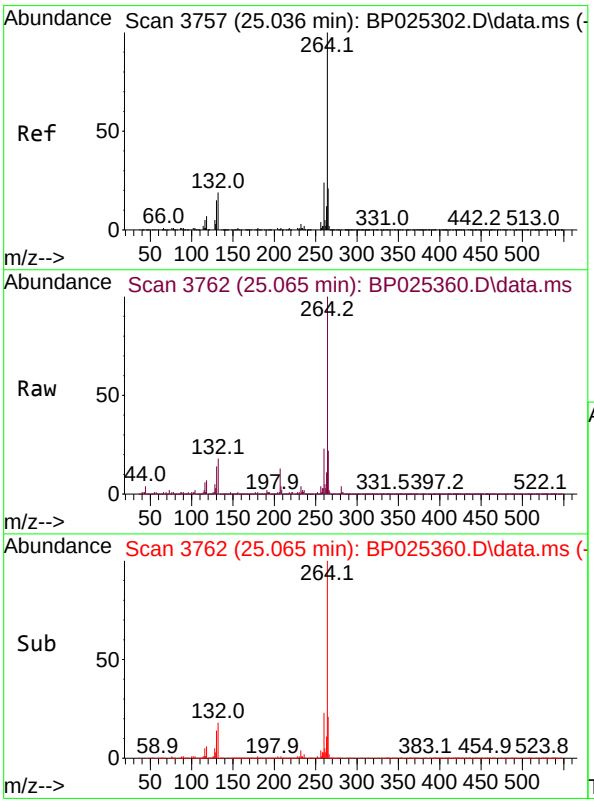
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

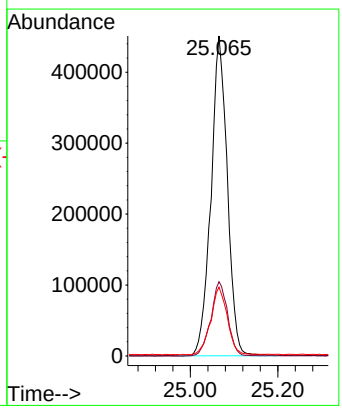


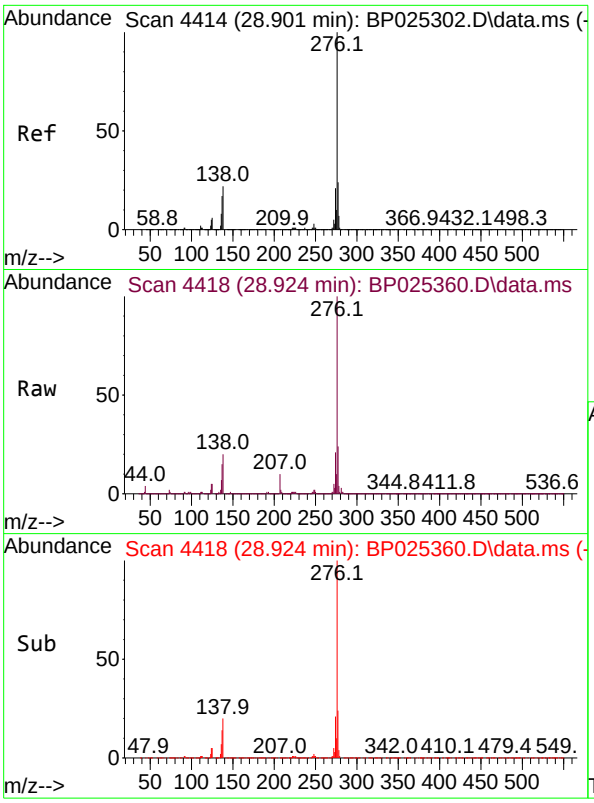


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3762
Delta R.T. 0.029 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:264 Resp: 1173448

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.1	25.7

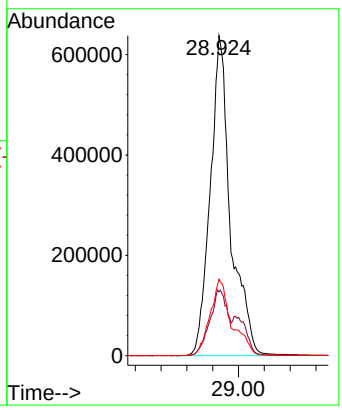




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.576 ng
RT: 28.924 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:276 Resp: 349688

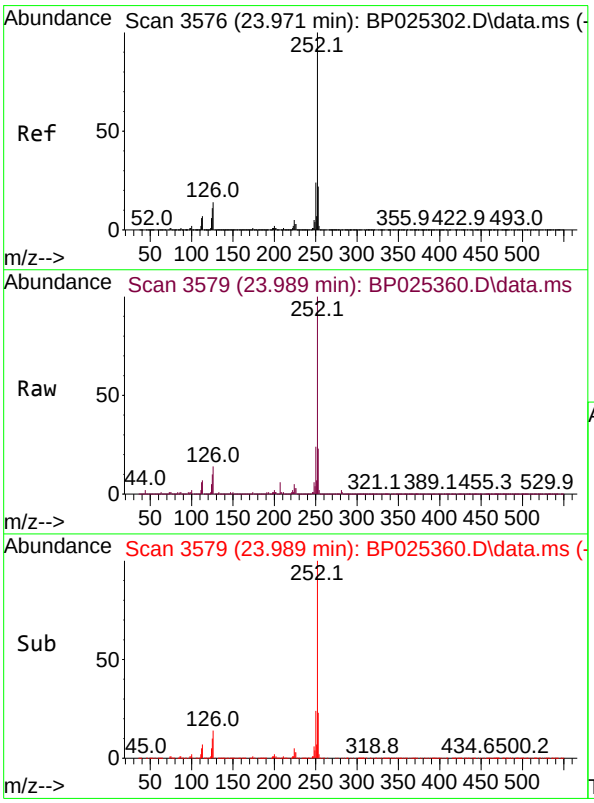
Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.6	22.0
277	25.3	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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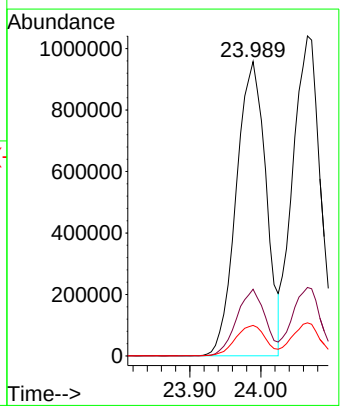
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

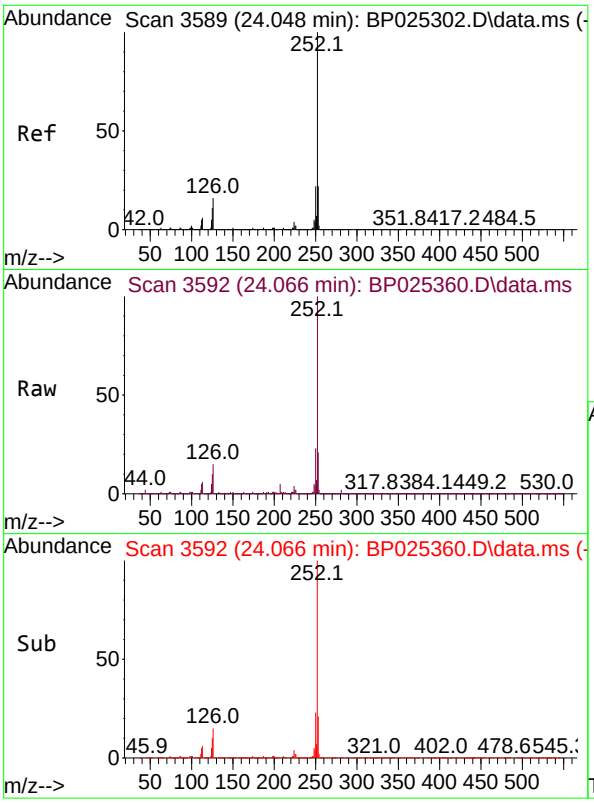


#88
Benzo(b)fluoranthene
Concen: 39.654 ng
RT: 23.989 min Scan# 3579
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 2785473

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.4	8.5	12.7

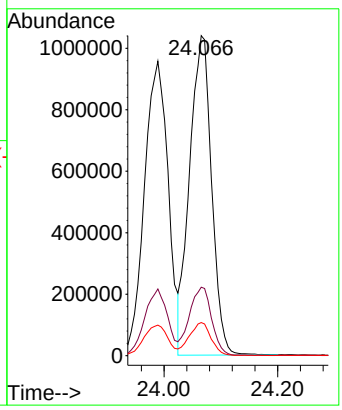




#89
Benzo(k)fluoranthene
Concen: 40.250 ng
RT: 24.066 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 280279

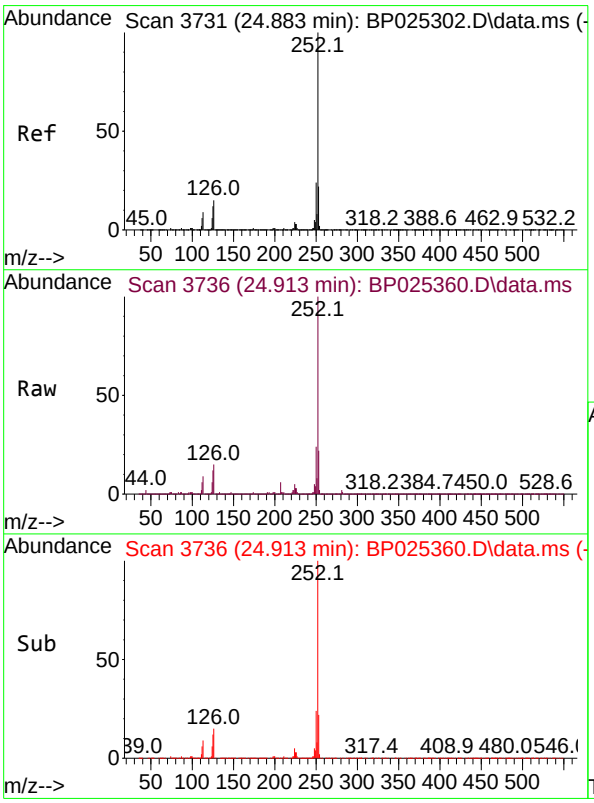
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	10.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

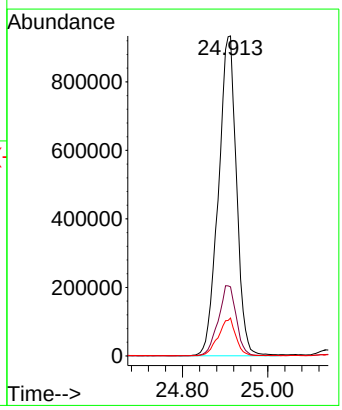
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

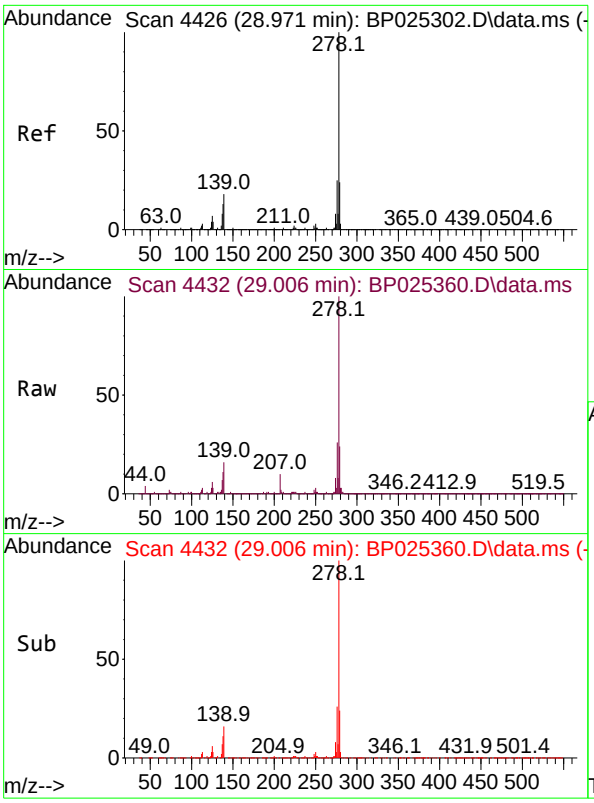


#90
Benzo(a)pyrene
Concen: 40.628 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 2748346

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.8	9.4	14.0





#91
Dibenzo(a,h)anthracene
Concen: 41.664 ng
RT: 29.006 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

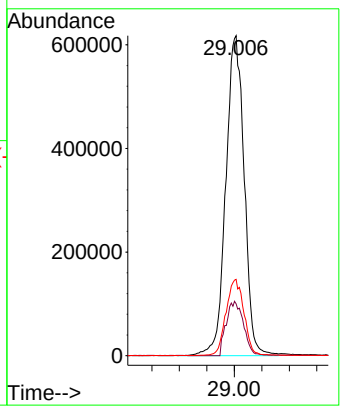
Tgt Ion:278 Resp: 286998

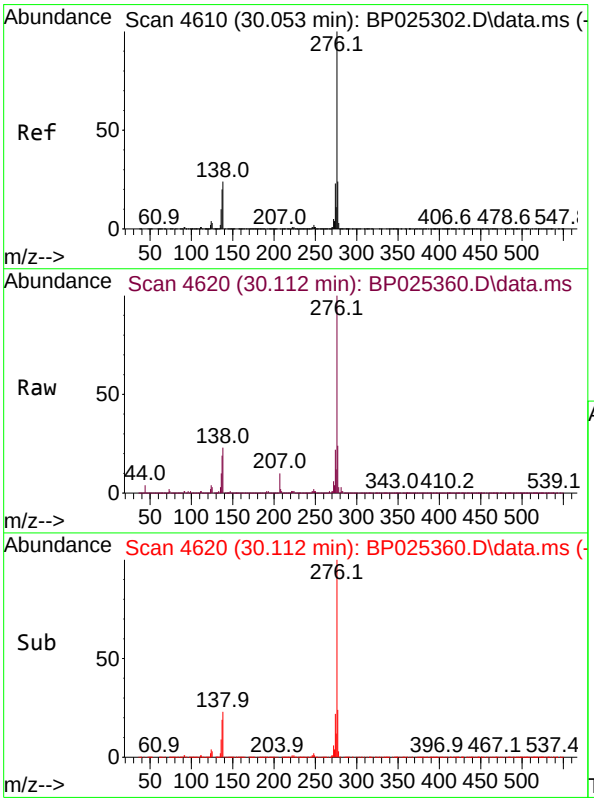
Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.6	22.0
279	23.9	19.0	28.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

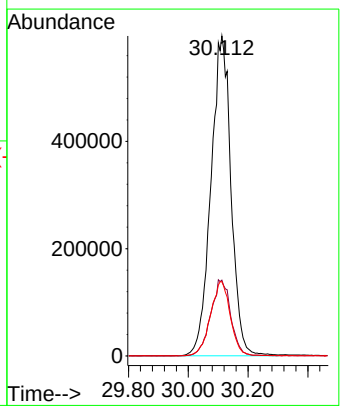




#92
Benzo(g,h,i)perylene
Concen: 41.135 ng
RT: 30.112 min Scan# 4620
Delta R.T. 0.059 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:276 Resp: 2780936

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	23.2	19.1	28.7



Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	97	0.00
2		1,4-Dioxane	0.491	0.502	-2.2	101	0.00
3		Pyridine	1.363	1.332	2.3	96	0.00
4		n-Nitrosodimethylamine	0.633	0.547	13.6	87	0.00
5	S	2-Fluorophenol	1.244	1.253	-0.7	99	0.00
6		Aniline	2.247	2.115	5.9	93	0.00
7	S	Phenol-d6	1.637	1.559	4.8	93	0.00
8		2-Chlorophenol	1.361	1.382	-1.5	99	0.00
9		Benzaldehyde	1.162	1.287	-10.8	89	0.00
10	C	Phenol	1.751	1.628	7.0	91	0.00
11		bis(2-Chloroethyl)ether	1.372	1.295	5.6	94	0.00
12		1,3-Dichlorobenzene	1.529	1.530	-0.1	101	0.00
13	C	1,4-Dichlorobenzene	1.547	1.546	0.1	99	0.00
14		1,2-Dichlorobenzene	1.499	1.487	0.8	99	0.00
15		Benzyl Alcohol	1.269	1.175	7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.825	15.8	84	0.00
17		2-Methylphenol	1.172	1.125	4.0	93	0.00
18		Hexachloroethane	0.553	0.575	-4.0	103	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	1.014	5.7	91	0.00
20		3+4-Methylphenols	1.613	1.517	6.0	93	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	92	0.00
22		Acetophenone	0.502	0.507	-1.0	94	0.00
23	S	Nitrobenzene-d5	0.361	0.396	-9.7	97	0.00
24		Nitrobenzene	0.342	0.354	-3.5	94	0.00
25		Isophorone	0.719	0.703	2.2	90	0.00
26	C	2-Nitrophenol	0.126	0.183	-45.2#	131	0.00
27		2,4-Dimethylphenol	0.331	0.314	5.1	89	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.430	1.6	91	0.00
29	C	2,4-Dichlorophenol	0.290	0.302	-4.1	93	0.01
30		1,2,4-Trichlorobenzene	0.320	0.335	-4.7	99	0.00
31		Naphthalene	1.038	1.049	-1.1	95	0.00
32		Benzoic acid	0.168	0.219	-30.4#	119	0.02
33		4-Chloroaniline	0.462	0.446	3.5	89	0.00
34	C	Hexachlorobutadiene	0.184	0.200	-8.7	102	0.00
35		Caprolactam	0.113	0.112	0.9	89	0.02
36	C	4-Chloro-3-methylphenol	0.336	0.336	0.0	90	0.02
37		2-Methylnaphthalene	0.672	0.673	-0.1	94	0.01
38		1-Methylnaphthalene	0.701	0.705	-0.6	94	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.01
40		1,2,4,5-Tetrachlorobenzene	0.546	0.572	-4.8	96	0.01
41	P	Hexachlorocyclopentadiene	0.337	0.372	-10.4	104	0.00
42	S	2,4,6-Tribromophenol	0.200	0.248	-24.0	107	0.01
43	C	2,4,6-Trichlorophenol	0.353	0.390	-10.5	98	0.00
44		2,4,5-Trichlorophenol	0.396	0.424	-7.1	95	0.01
45	S	2-Fluorobiphenyl	1.448	1.461	-0.9	93	0.01
46		1,1'-Biphenyl	1.474	1.484	-0.7	94	0.00
47		2-Chloronaphthalene	1.124	1.145	-1.9	95	0.00

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	0.288	0.333	-15.6	100	0.00
49		Acenaphthylene	1.876	1.888	-0.6	93	0.00
50		Dimethylphthalate	1.458	1.456	0.1	94	0.00
51		2,6-Dinitrotoluene	0.269	0.319	-18.6	102	0.01
52	C	Acenaphthene	1.144	1.186	-3.7	98	0.00
53		3-Nitroaniline	0.315	0.360	-14.3	100	0.00
54	P	2,4-Dinitrophenol	0.105	0.148	-41.0#	143	0.01
55		Dibenzofuran	1.710	1.714	-0.2	94	0.00
56	P	4-Nitrophenol	0.278	0.270	2.9	88	0.02
57		2,4-Dinitrotoluene	0.359	0.449	-25.1#	106	0.01
58		Fluorene	1.343	1.351	-0.6	95	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.366	-10.6	98	0.00
60		Diethylphthalate	1.470	1.467	0.2	94	0.00
61		4-Chlorophenyl-phenylether	0.637	0.652	-2.4	95	0.00
62		4-Nitroaniline	0.312	0.355	-13.8	97	0.01
63		Azobenzene	1.366	1.304	4.5	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.080	0.122	-52.5#	145	0.00
66	c	n-Nitrosodiphenylamine	0.609	0.638	-4.8	94	0.00
67		4-Bromophenyl-phenylether	0.201	0.218	-8.5	98	0.00
68		Hexachlorobenzene	0.226	0.244	-8.0	99	0.00
69		Atrazine	0.214	0.229	-7.0	96	0.00
70	C	Pentachlorophenol	0.144	0.156	-8.3	97	0.00
71		Phenanthrene	1.095	1.119	-2.2	93	0.00
72		Anthracene	1.105	1.153	-4.3	94	0.00
73		Carbazole	1.060	1.083	-2.2	92	0.01
74		Di-n-butylphthalate	1.283	1.348	-5.1	93	0.00
75	C	Fluoranthene	1.268	1.294	-2.1	92	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	91	0.01
77		Benzidine	0.724	0.822	-13.5	77	0.00
78		Pyrene	1.330	1.316	1.1	93	0.00
79	S	Terphenyl-d14	1.059	1.074	-1.4	94	0.00
80		Butylbenzylphthalate	0.539	0.632	-17.3	102	0.00
81		Benzo(a)anthracene	1.329	1.325	0.3	93	0.00
82		3,3'-Dichlorobenzidine	0.469	0.514	-9.6	99	0.00
83		Chrysene	1.233	1.250	-1.4	94	0.02
84		Bis(2-ethylhexyl)phthalate	0.861	0.952	-10.6	98	0.00
85	c	Di-n-octyl phthalate	1.442	1.664	-15.4	101	0.00
86	I	Perylene-d12	1.000	1.000	0.0	93	0.03
87		Indeno(1,2,3-cd)pyrene	1.434	1.490	-3.9	96	0.02
88		Benzo(b)fluoranthene	1.197	1.187	0.8	93	0.02
89		Benzo(k)fluoranthene	1.187	1.194	-0.6	95	0.02
90	C	Benzo(a)pyrene	1.153	1.171	-1.6	94	0.03
91		Dibenzo(a,h)anthracene	1.174	1.223	-4.2	96	0.04
92		Benzo(g,h,i)perylene	1.152	1.185	-2.9	95	0.06

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	97	0.00
2		1,4-Dioxane	40.000	40.920	-2.3	101	0.00
3		Pyridine	40.000	39.089	2.3	96	0.00
4		n-Nitrosodimethylamine	40.000	34.545	13.6	87	0.00
5	S	2-Fluorophenol	80.000	80.628	-0.8	99	0.00
6		Aniline	40.000	37.650	5.9	93	0.00
7	S	Phenol-d6	80.000	76.191	4.8	93	0.00
8		2-Chlorophenol	40.000	40.622	-1.6	99	0.00
9		Benzaldehyde	40.000	44.293	-10.7	89	0.00
10	C	Phenol	40.000	37.200	7.0	91	0.00
11		bis(2-Chloroethyl)ether	40.000	37.741	5.6	94	0.00
12		1,3-Dichlorobenzene	40.000	40.016	-0.0	101	0.00
13	C	1,4-Dichlorobenzene	40.000	39.967	0.1	99	0.00
14		1,2-Dichlorobenzene	40.000	39.685	0.8	99	0.00
15		Benzyl Alcohol	40.000	37.054	7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.676	15.8	84	0.00
17		2-Methylphenol	40.000	38.411	4.0	93	0.00
18		Hexachloroethane	40.000	41.571	-3.9	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.717	5.7	91	0.00
20		3+4-Methylphenols	40.000	37.617	6.0	93	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	92	0.00
22		Acetophenone	40.000	40.395	-1.0	94	0.00
23	S	Nitrobenzene-d5	80.000	87.773	-9.7	97	0.00
24		Nitrobenzene	40.000	41.415	-3.5	94	0.00
25		Isophorone	40.000	39.105	2.2	90	0.00
26	C	2-Nitrophenol	40.000	48.978	-22.4#	131	0.00
27		2,4-Dimethylphenol	40.000	37.957	5.1	89	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.308	1.7	91	0.00
29	C	2,4-Dichlorophenol	40.000	41.592	-4.0	93	0.01
30		1,2,4-Trichlorobenzene	40.000	41.895	-4.7	99	0.00
31		Naphthalene	40.000	40.429	-1.1	95	0.00
32		Benzoic acid	40.000	46.843	-17.1	119	0.02
33		4-Chloroaniline	40.000	38.655	3.4	89	0.00
34	C	Hexachlorobutadiene	40.000	43.580	-8.9	102	0.00
35		Caprolactam	40.000	39.842	0.4	89	0.02
36	C	4-Chloro-3-methylphenol	40.000	40.098	-0.2	90	0.02
37		2-Methylnaphthalene	40.000	40.051	-0.1	94	0.01
38		1-Methylnaphthalene	40.000	40.230	-0.6	94	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	92	0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	41.935	-4.8	96	0.01
41	P	Hexachlorocyclopentadiene	40.000	44.201	-10.5	104	0.00
42	S	2,4,6-Tribromophenol	80.000	99.294	-24.1	107	0.01
43	C	2,4,6-Trichlorophenol	40.000	44.246	-10.6	98	0.00
44		2,4,5-Trichlorophenol	40.000	42.887	-7.2	95	0.01
45	S	2-Fluorobiphenyl	80.000	80.727	-0.9	93	0.01
46		1,1'-Biphenyl	40.000	40.262	-0.7	94	0.00
47		2-Chloronaphthalene	40.000	40.740	-1.9	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 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	40.947	-2.4	100	0.00
49		Acenaphthylene	40.000	40.266	-0.7	93	0.00
50		Dimethylphthalate	40.000	39.945	0.1	94	0.00
51		2,6-Dinitrotoluene	40.000	47.464	-18.7	102	0.01
52	C	Acenaphthene	40.000	41.464	-3.7	98	0.00
53		3-Nitroaniline	40.000	45.776	-14.4	100	0.00
54	P	2,4-Dinitrophenol	40.000	51.187	-28.0#	143	0.01
55		Dibenzofuran	40.000	40.091	-0.2	94	0.00
56	P	4-Nitrophenol	40.000	38.916	2.7	88	0.02
57		2,4-Dinitrotoluene	40.000	43.380	-8.5	106	0.01
58		Fluorene	40.000	40.245	-0.6	95	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.239	-10.6	98	0.00
60		Diethylphthalate	40.000	39.922	0.2	94	0.00
61		4-Chlorophenyl-phenylether	40.000	40.936	-2.3	95	0.00
62		4-Nitroaniline	40.000	45.592	-14.0	97	0.01
63		Azobenzene	40.000	38.207	4.5	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	53.009	-32.5#	145	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.916	-4.8	94	0.00
67		4-Bromophenyl-phenylether	40.000	43.265	-8.2	98	0.00
68		Hexachlorobenzene	40.000	43.296	-8.2	99	0.00
69		Atrazine	40.000	42.766	-6.9	96	0.00
70	C	Pentachlorophenol	40.000	43.240	-8.1	97	0.00
71		Phenanthrene	40.000	40.873	-2.2	93	0.00
72		Anthracene	40.000	41.766	-4.4	94	0.00
73		Carbazole	40.000	40.867	-2.2	92	0.01
74		Di-n-butylphthalate	40.000	42.037	-5.1	93	0.00
75	C	Fluoranthene	40.000	40.815	-2.0	92	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	91	0.01
77		Benzidine	40.000	45.402	-13.5	77	0.00
78		Pyrene	40.000	39.582	1.0	93	0.00
79	S	Terphenyl-d14	80.000	81.161	-1.5	94	0.00
80		Butylbenzylphthalate	40.000	46.843	-17.1	102	0.00
81		Benzo(a)anthracene	40.000	39.876	0.3	93	0.00
82		3,3'-Dichlorobenzidine	40.000	43.881	-9.7	99	0.00
83		Chrysene	40.000	40.567	-1.4	94	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	44.225	-10.6	98	0.00
85	c	Di-n-octyl phthalate	40.000	46.170	-15.4	101	0.00
86	I	Perylene-d12	20.000	20.000	0.0	93	0.03
87		Indeno(1,2,3-cd)pyrene	40.000	41.576	-3.9	96	0.02
88		Benzo(b)fluoranthene	40.000	39.654	0.9	93	0.02
89		Benzo(k)fluoranthene	40.000	40.250	-0.6	95	0.02
90	C	Benzo(a)pyrene	40.000	40.628	-1.6	94	0.03
91		Dibenzo(a,h)anthracene	40.000	41.664	-4.2	96	0.04
92		Benzo(g,h,i)perylene	40.000	41.135	-2.8	95	0.06

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

QC SAMPLE DATA

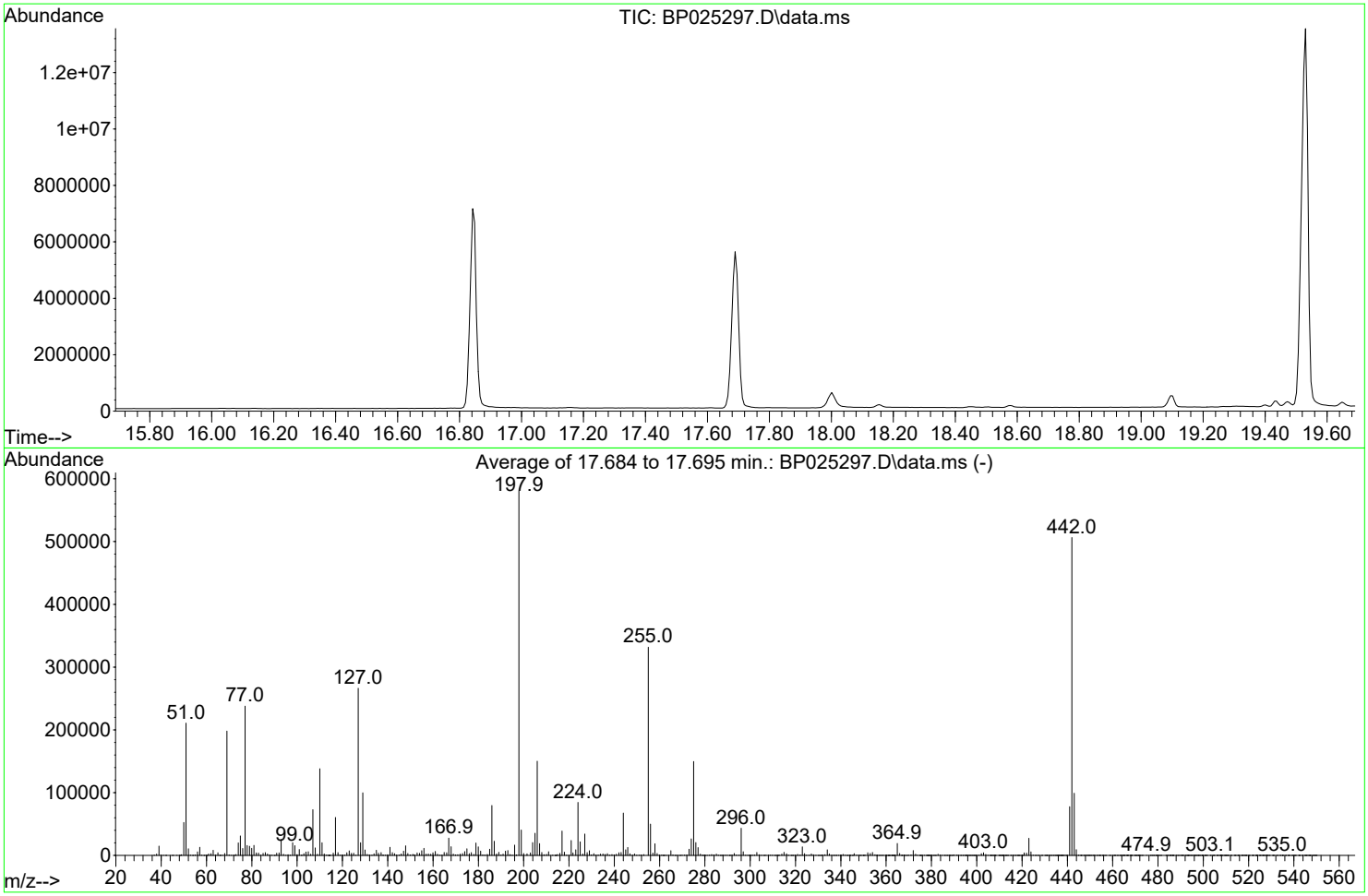
Sample Results: **BP025297.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2507, 2508, 2509; Background Corrected with Scan 2497

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3139	PASS
69	69	100	100	100.0	197961	PASS
70	69	0.00	2	0.5	1001	PASS
197	198	0.00	2	0.2	934	PASS
198	198	100	100	100.0	580472	PASS
199	198	5	9	7.0	40411	PASS
365	198	1	100	3.3	19143	PASS
441	443	0.01	150	78.4	77662	PASS
442	442	100	100	100.0	506491	PASS
443	442	15	24	19.6	99034	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/5/2025	BNA_P	BP025297.D
Compound Name	**Response**	**Retention Time**
DDT	2359483	20.83
DDD	25464	20.425
DDE	1490	19.836
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
26954	2386437	1.13

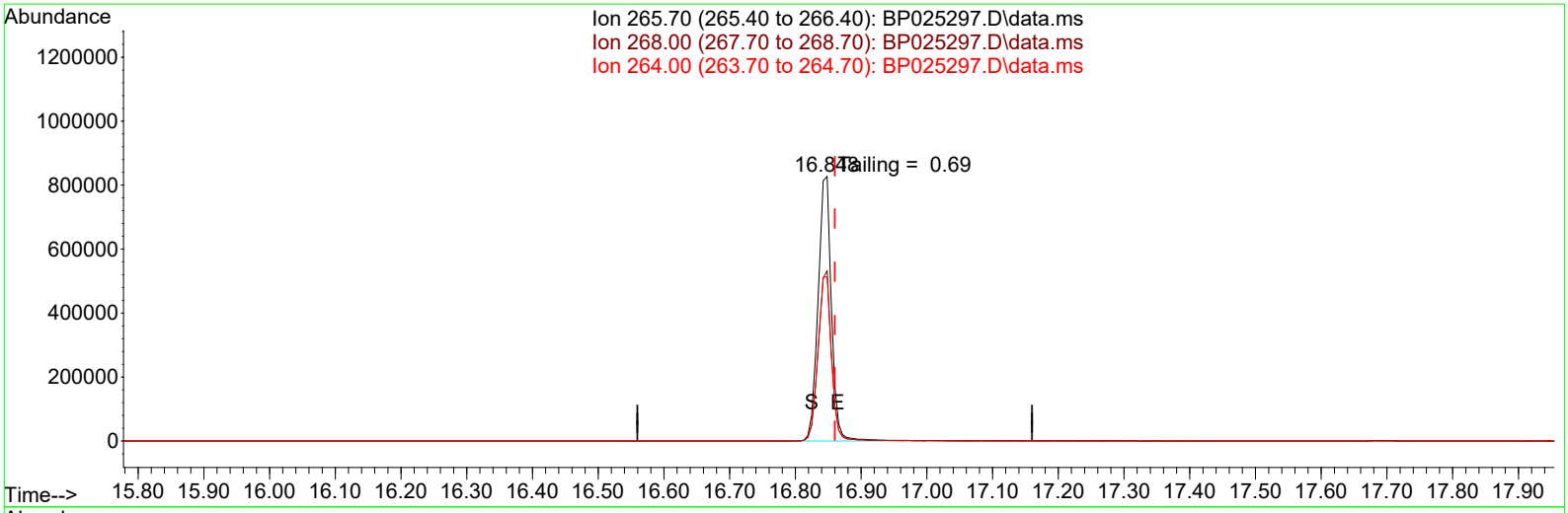
Instrument :
BNA_P
ClientSampleId :
DFTPP

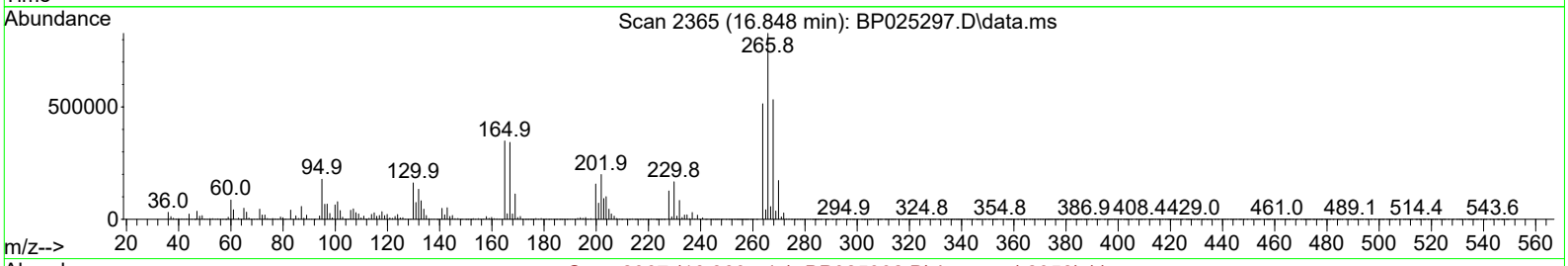
Sample Results: **BP025297.D**

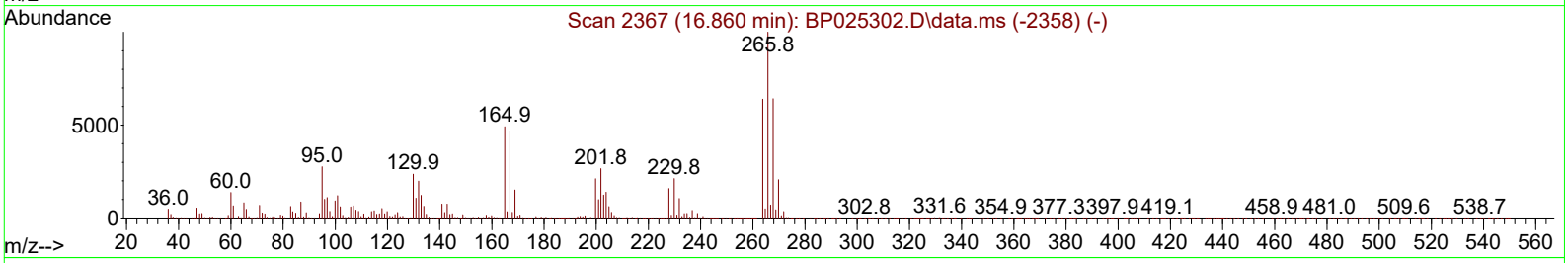
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 06 07:09:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025297.D\data.ms

(70) Pentachlorophenol (C)

16.848min (-0.012) 1707314.09 ng

response 1166643

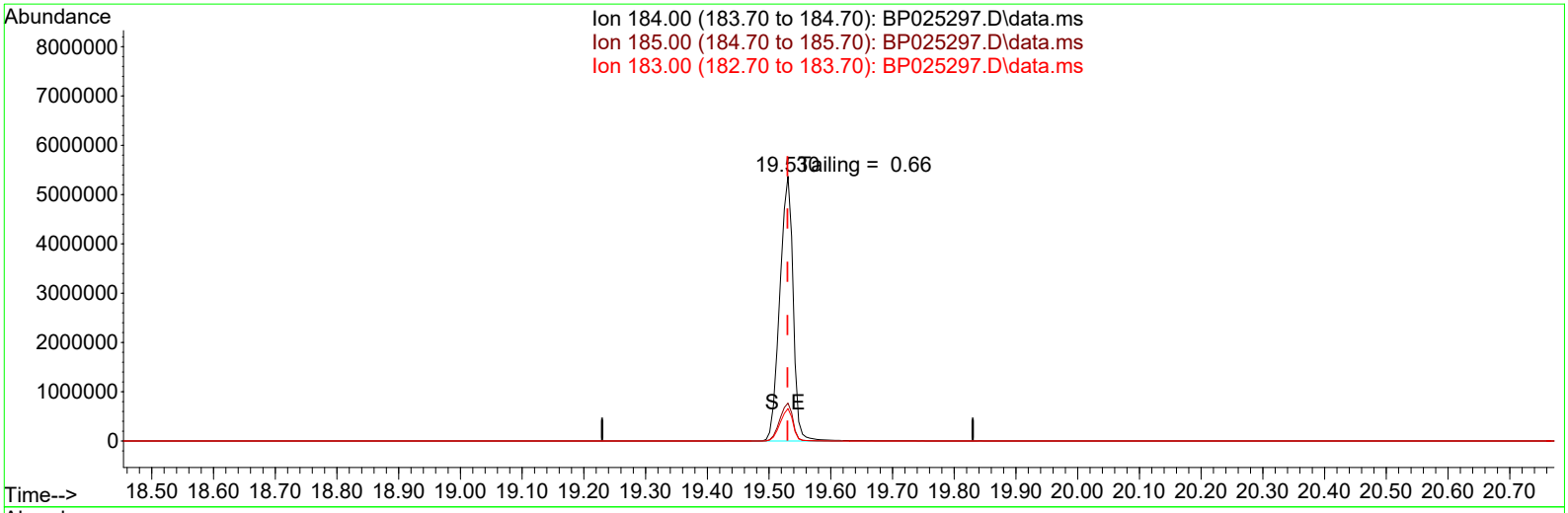
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	64.31
264.00	63.90	62.13
0.00	0.00	0.00

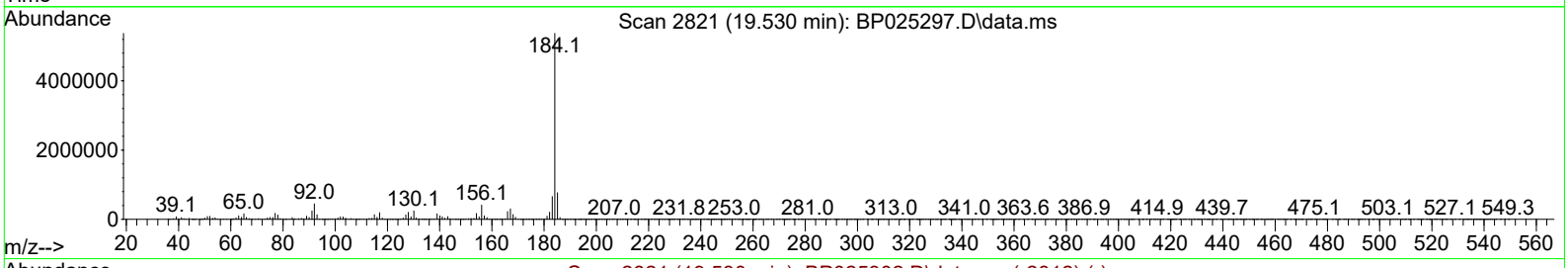
Sample Results: **BP025297.D**

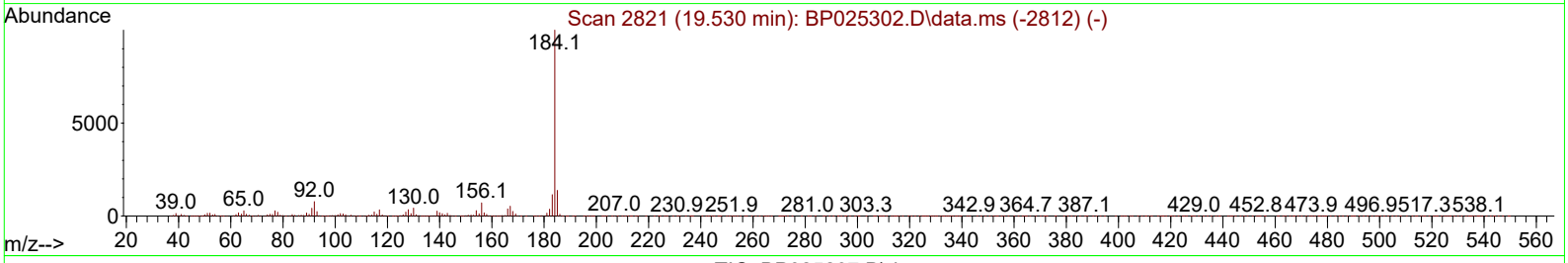
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 06 07:09:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025297.D\data.ms

(77) Benzidine

19.530min (+ 0.000) 113432.74 ng

response 8120949

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.30
183.00	11.50	12.22
0.00	0.00	0.00

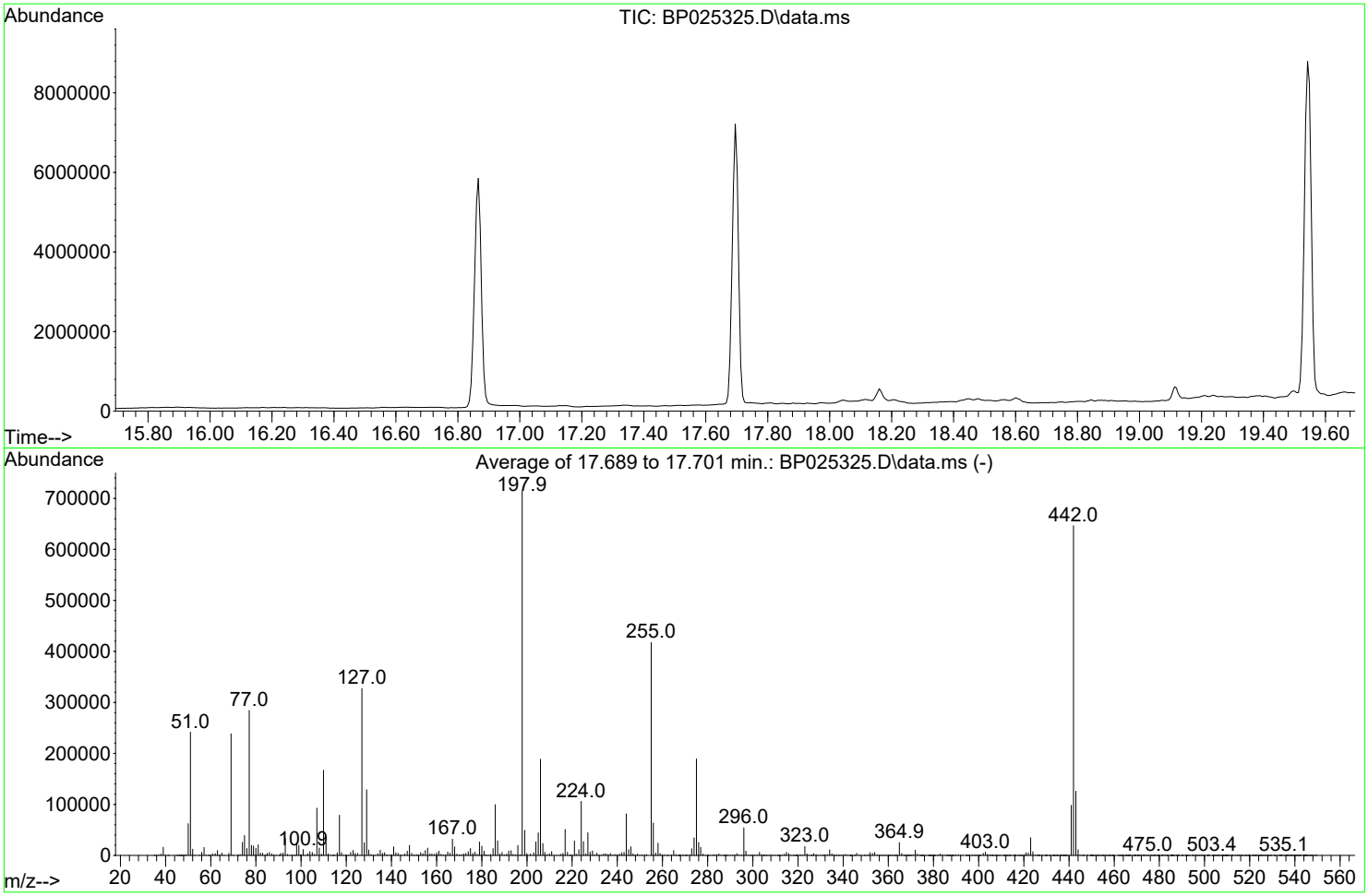
Sample Results: **BP025325.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025325.D
Acq On : 08 Aug 2025 09:33
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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2508, 2509, 2510; Background Corrected with Scan 2497

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3981	PASS
69	69	100	100	100.0	238631	PASS
70	69	0.00	2	0.3	750	PASS
197	198	0.00	2	0.2	1112	PASS
198	198	100	100	100.0	714318	PASS
199	198	5	9	6.9	49360	PASS
365	198	1	100	3.5	25223	PASS
441	443	0.01	150	78.0	98129	PASS
442	442	100	100	100.0	646400	PASS
443	442	15	24	19.5	125821	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/7/2025	BNA_P	BP025308.D
Compound Name	**Response**	**Retention Time**
DDT	2373589	20.836
DDD	55464	20.383
DDE	2522	19.954
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
57986	2431575	2.38

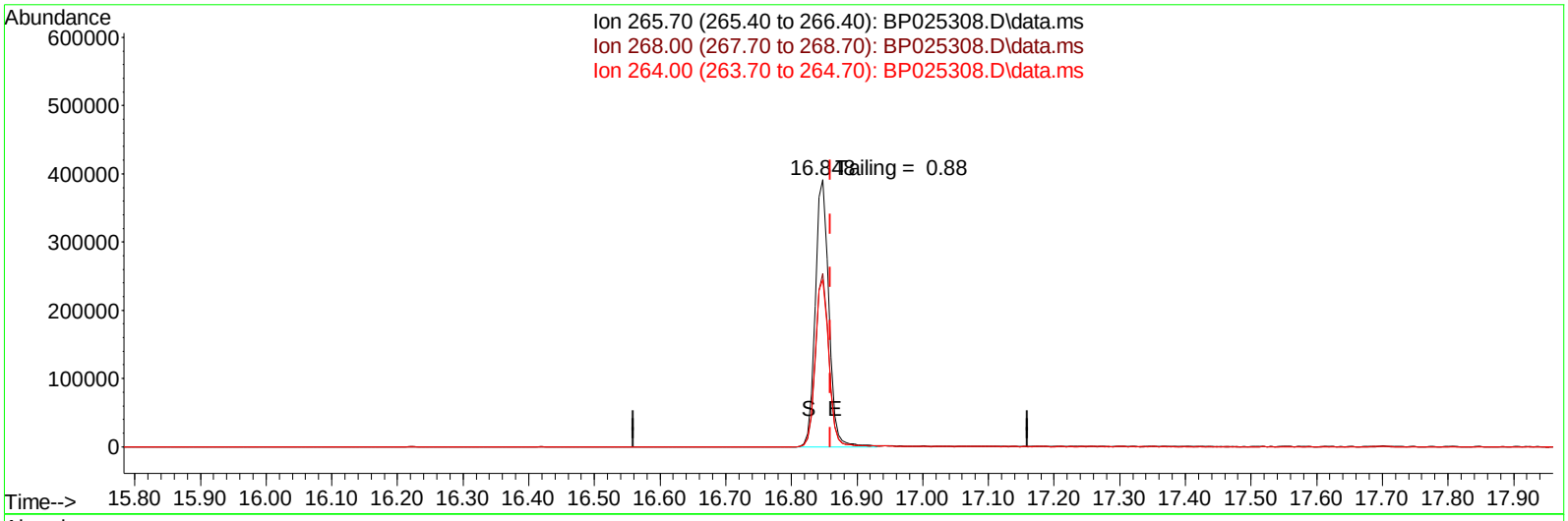
Instrument :
BNA_P
ClientSampleId :
DFTPP

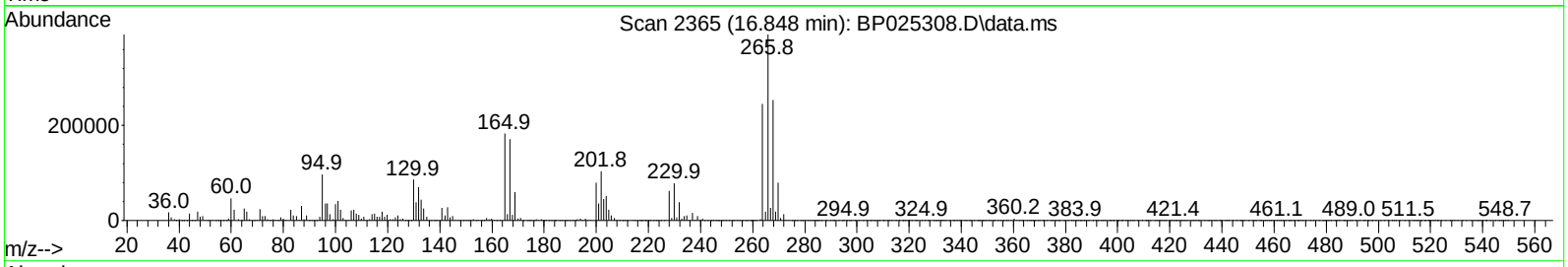
Sample Results: **BP025325.D**

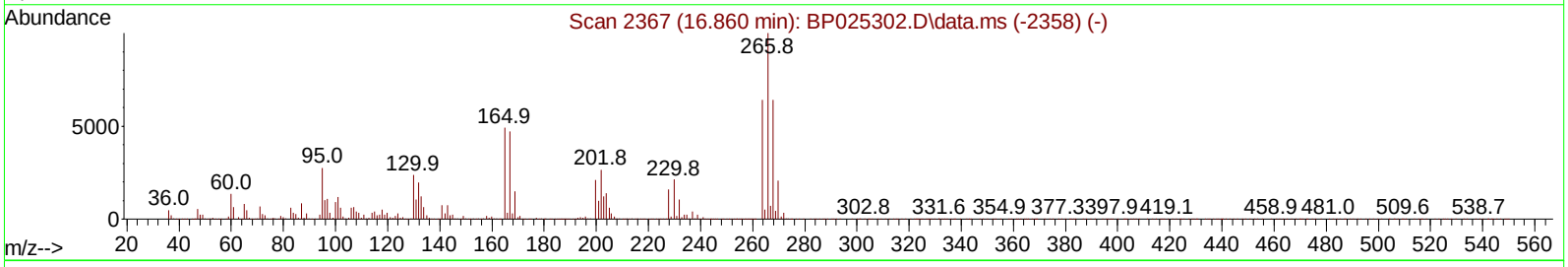
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025308.D
Acq On : 07 Aug 2025 11:00
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 07 12:25:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025308.D\data.ms

(70) Pentachlorophenol (C)

16.848min (-0.012) 12862.36 ng

response 556675

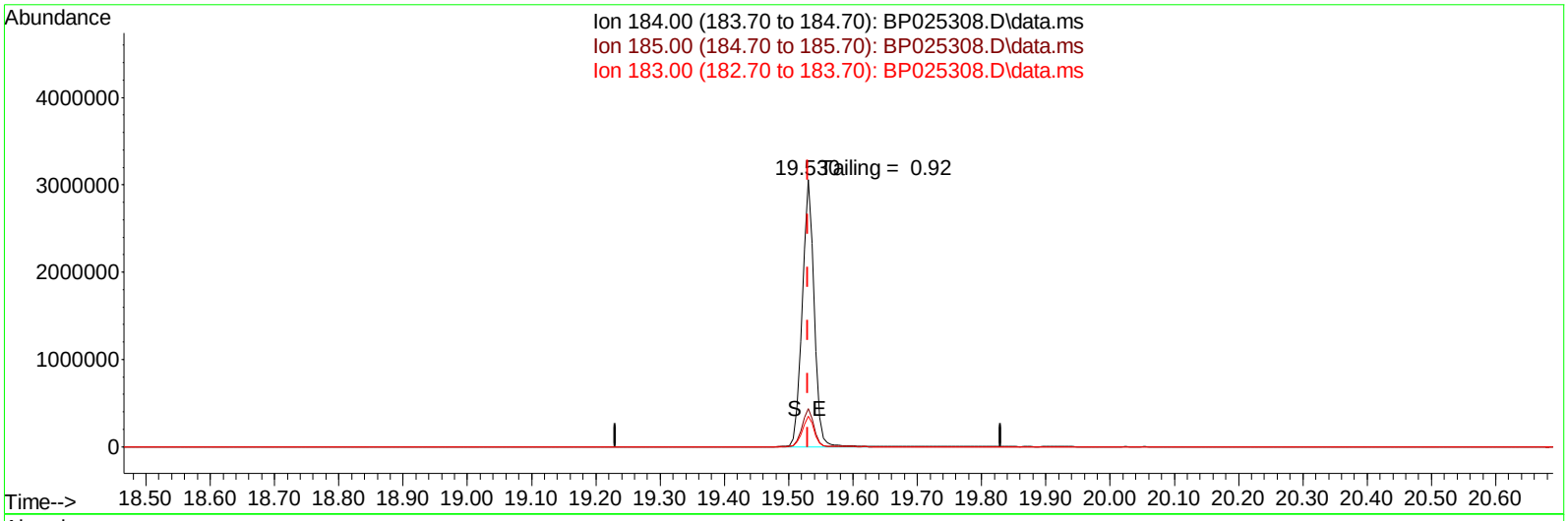
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	64.89
264.00	63.90	62.60
0.00	0.00	0.00

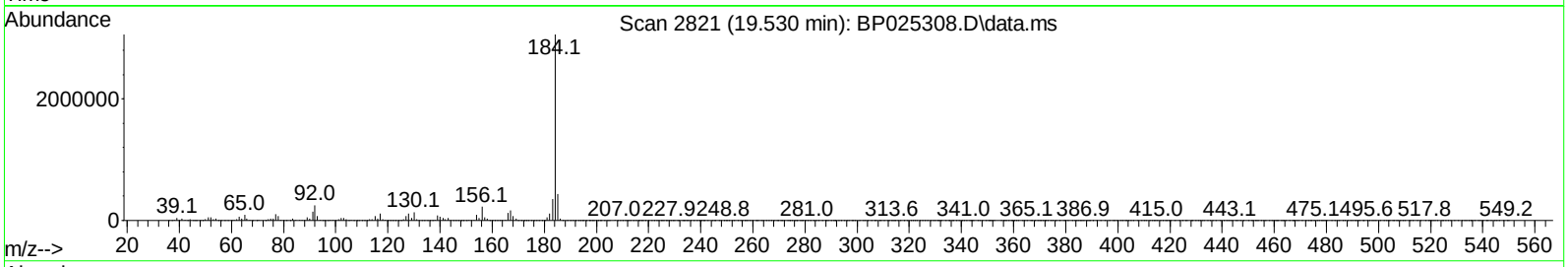
Sample Results: **BP025325.D**

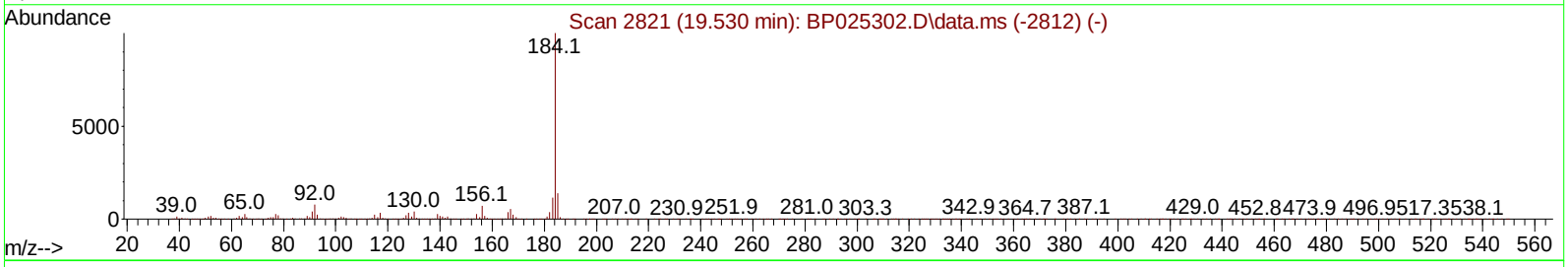
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025308.D
Acq On : 07 Aug 2025 11:00
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 07 12:25:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025308.D\data.ms

(77) Benzidine

19.530min (+ 0.000) 8796.27 ng

response 3944680

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.29
183.00	11.50	11.56
0.00	0.00	0.00

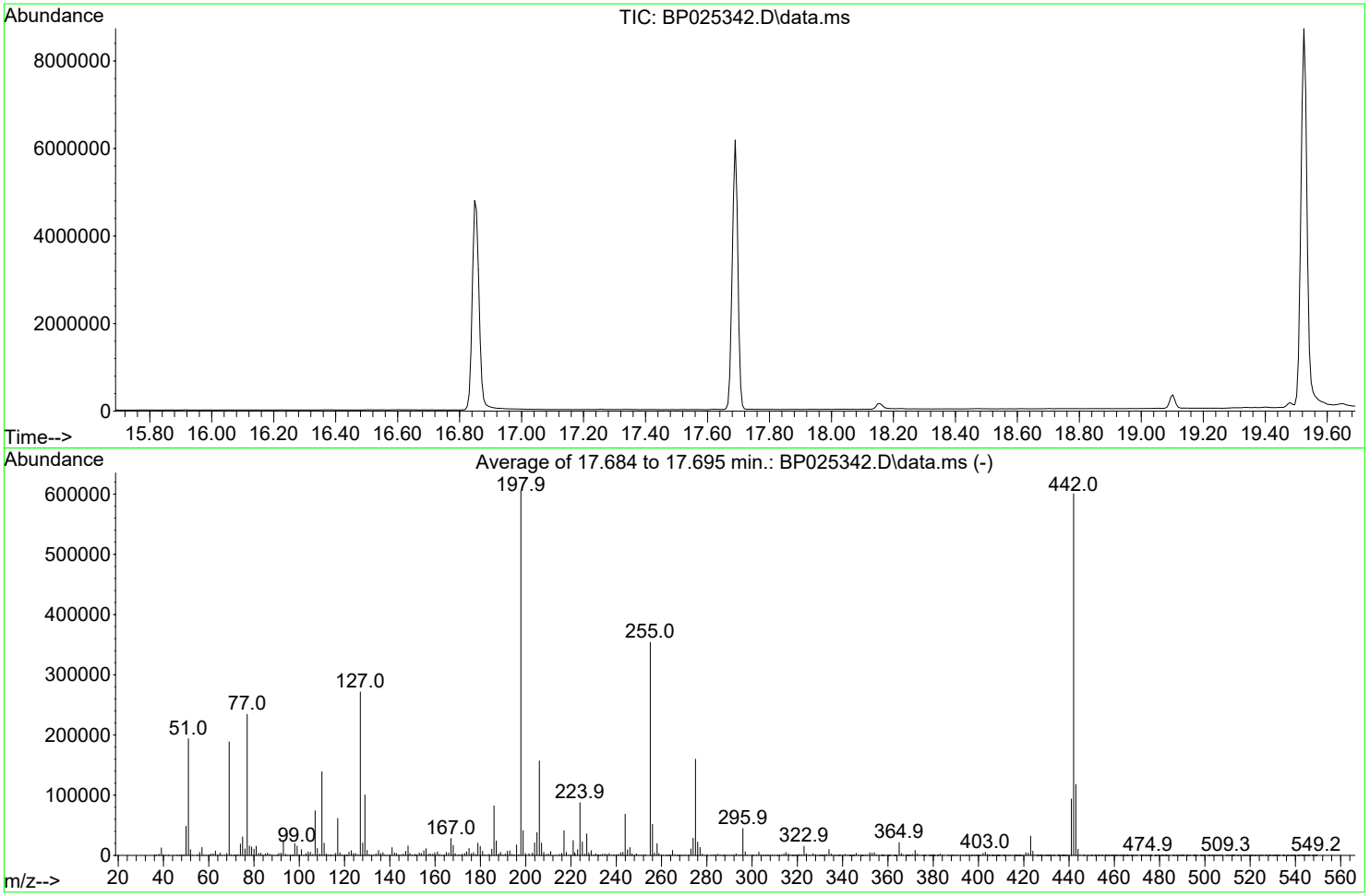
Sample Results: **BP025342.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025342.D
Acq On : 11 Aug 2025 09:44
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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2507, 2508, 2509; Background Corrected with Scan 2498

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3158	PASS
69	69	100	100	100.0	188556	PASS
70	69	0.00	2	0.5	968	PASS
197	198	0.00	2	0.2	1108	PASS
198	198	100	100	100.0	605119	PASS
199	198	5	9	6.8	41280	PASS
365	198	1	100	3.5	21336	PASS
441	443	0.01	150	79.4	93718	PASS
442	442	100	100	100.0	600651	PASS
443	442	15	24	19.6	118003	PASS

DDT Breakdown

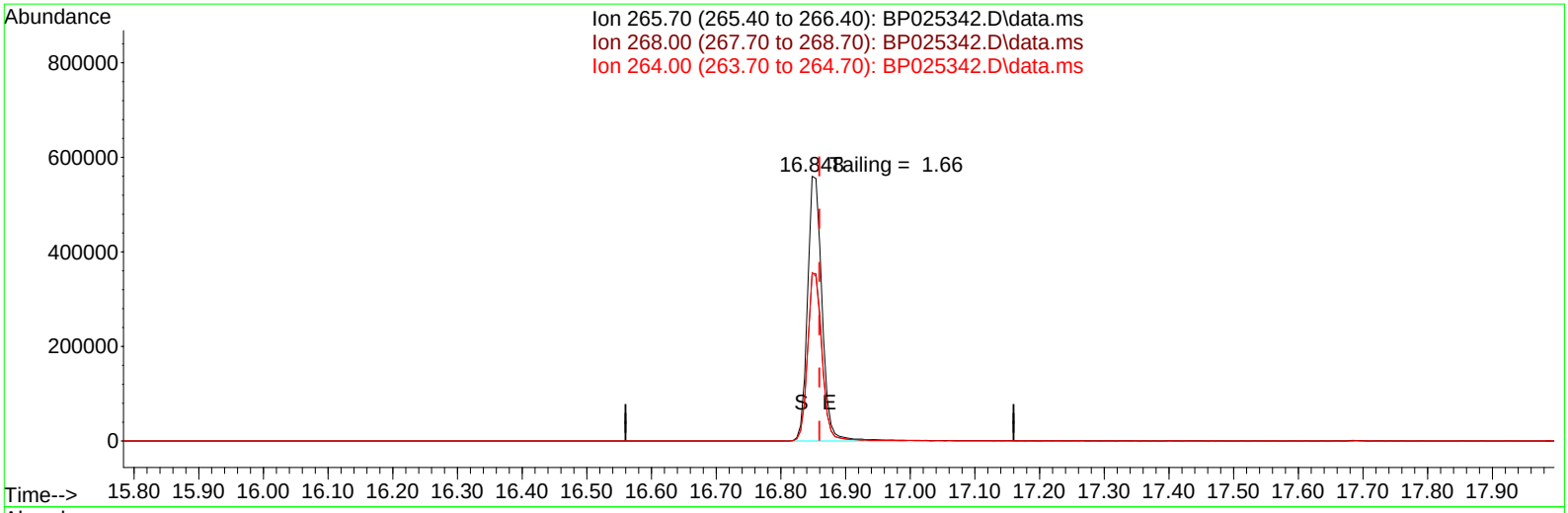
Date	Instrument Name	DFTPP Data File
8/11/2025	BNA_P	BP025342.D
Compound Name	**Response**	**Retention Time**
DDT	2163555	20.836
DDD	35787	20.425
DDE	1369	19.848
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
37156	2200711	1.69

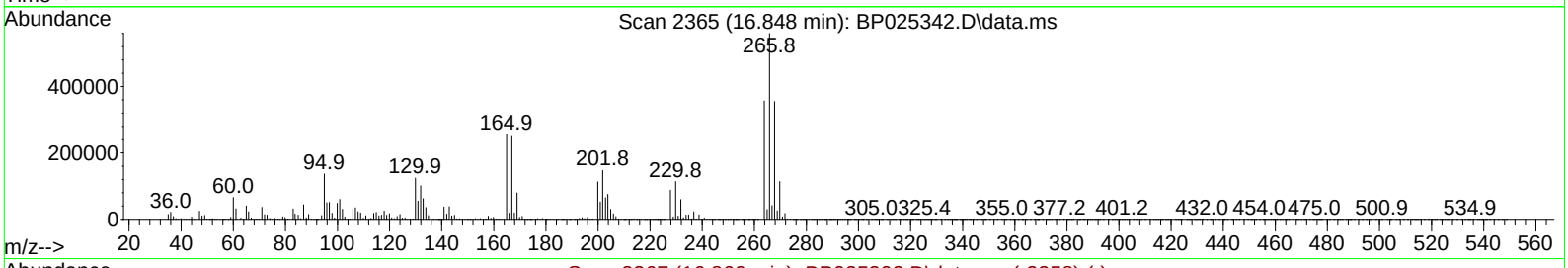
Instrument :
BNA_P
ClientSampleId :
DFTPP

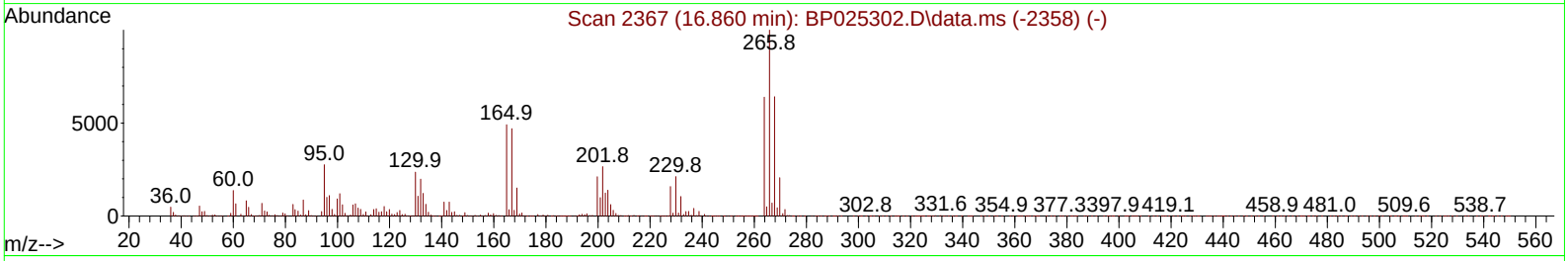
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025342.D
Acq On : 11 Aug 2025 09:44
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 11 12:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025342.D\data.ms

(70) Pentachlorophenol (C)

16.848min (-0.012) 2299749.99 ng

response 876713

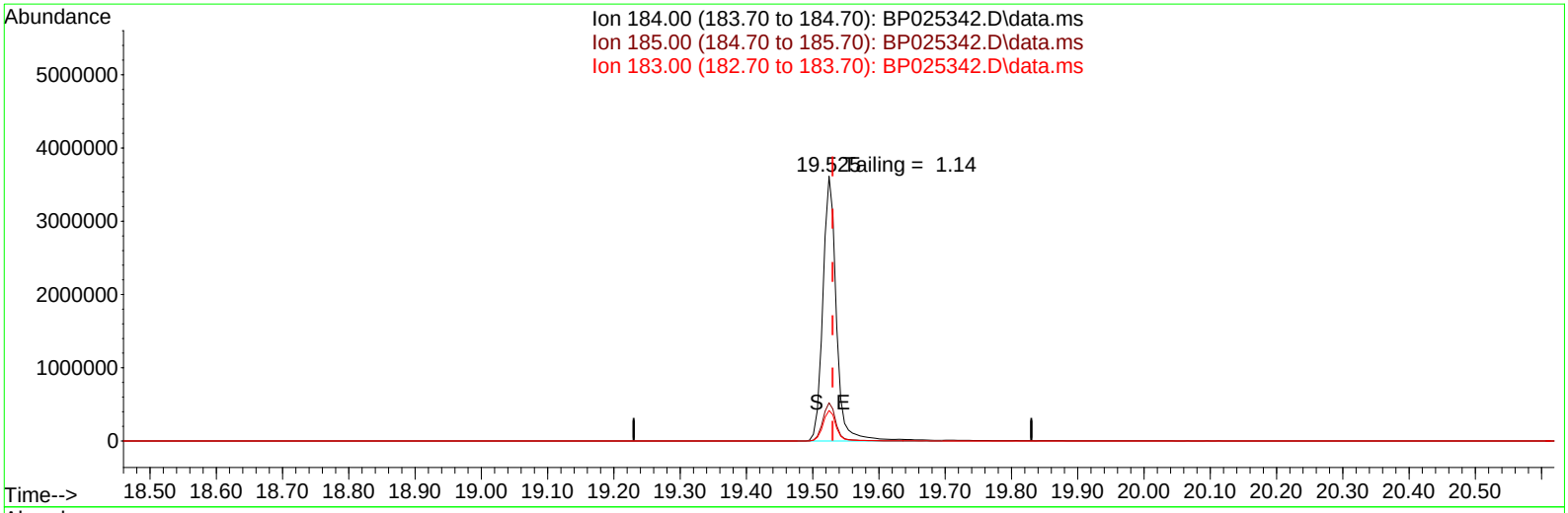
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	63.31
264.00	63.90	63.68
0.00	0.00	0.00

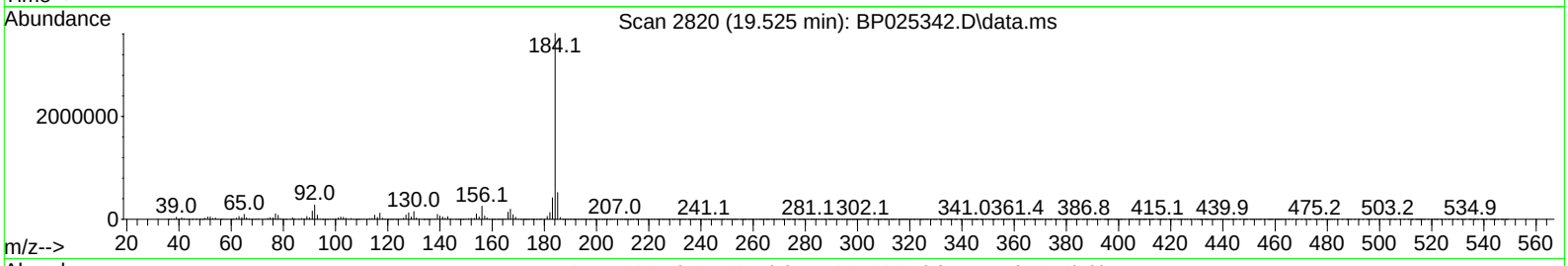
Sample Results: **BP025342.D**

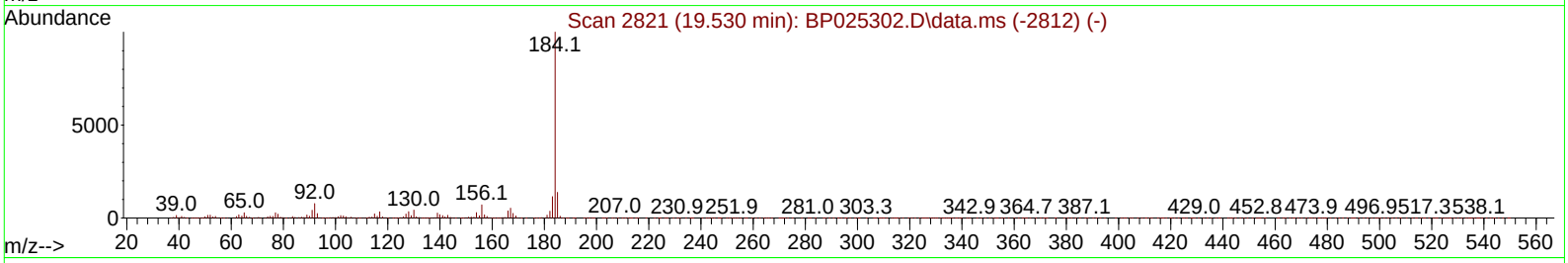
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025342.D
Acq On : 11 Aug 2025 09:44
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 11 12:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025342.D\data.ms

(77) Benzidine

19.525min (-0.005) 1639801.98 ng

response 5104250

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.42
183.00	11.50	11.55
0.00	0.00	0.00

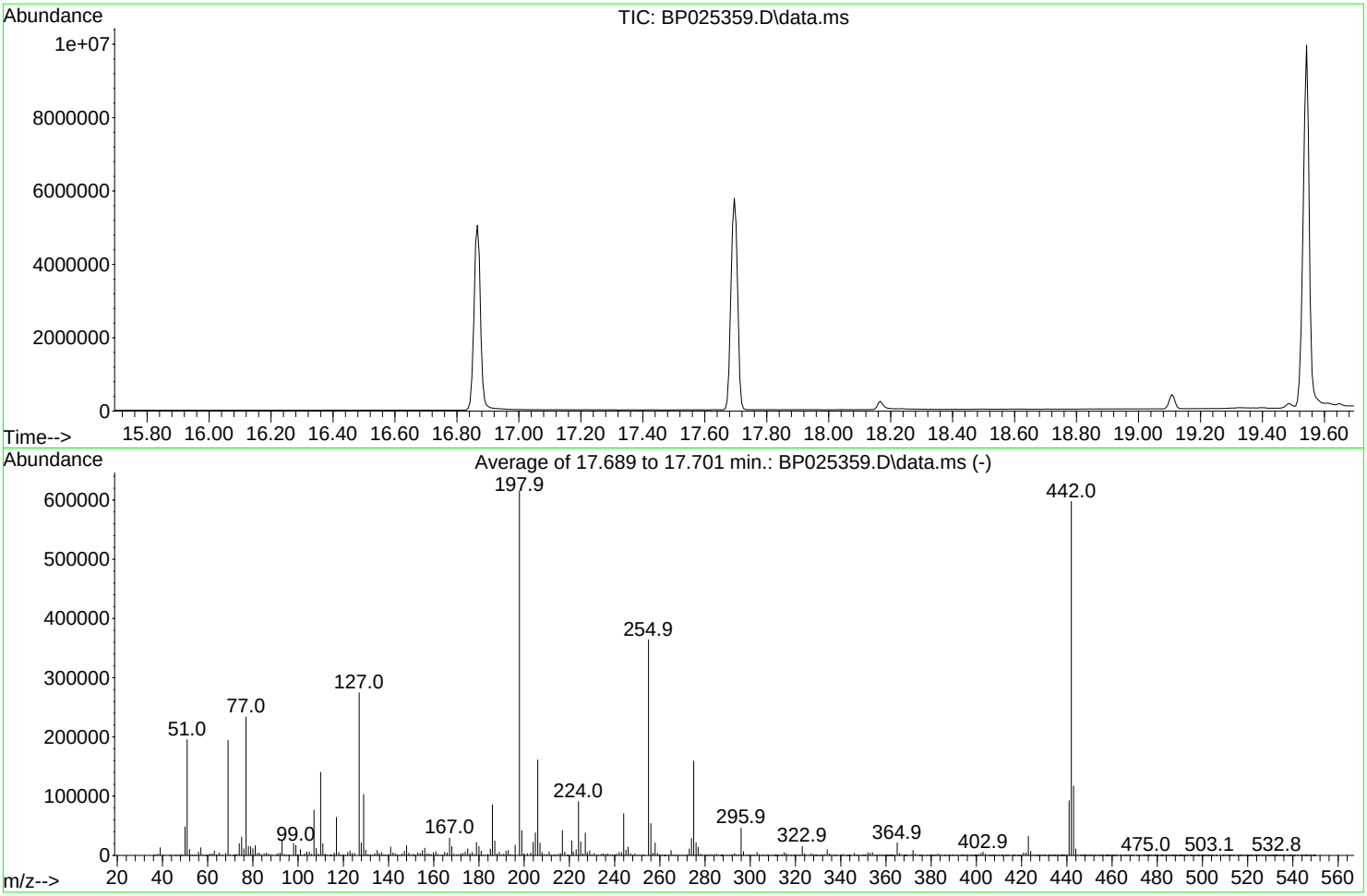
Sample Results: **BP025359.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2508, 2509, 2510; Background Corrected with Scan 2499

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3158	PASS
69	69	100	100	100.0	194138	PASS
70	69	0.00	2	0.5	928	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	615091	PASS
199	198	5	9	6.8	42032	PASS
365	198	1	100	3.4	21184	PASS
441	443	0.01	150	79.0	92605	PASS
442	442	100	100	100.0	597468	PASS
443	442	15	24	19.6	117267	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/12/2025	BNA_P	BP025359.D
Compound Name	**Response**	**Retention Time**
DDT	2590799	20.831
DDD	48921	20.372
DDE	3872	19.848
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
52793	2643592	2.00

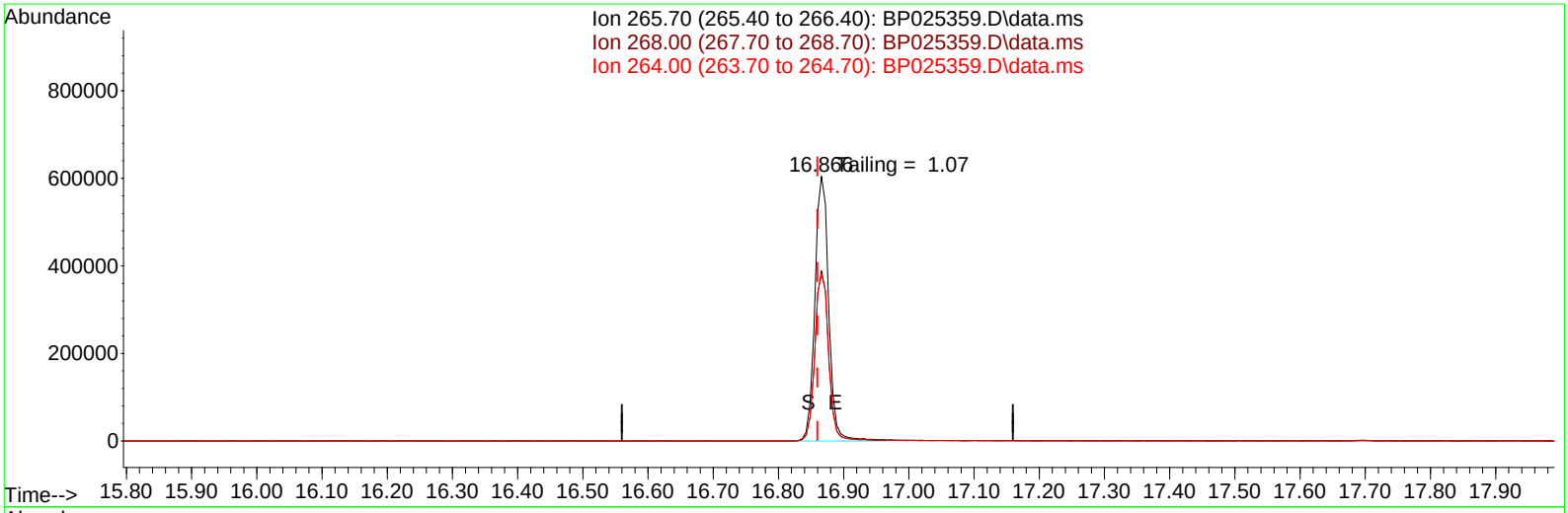
Instrument :
BNA_P
ClientSampleId :
DFTPP

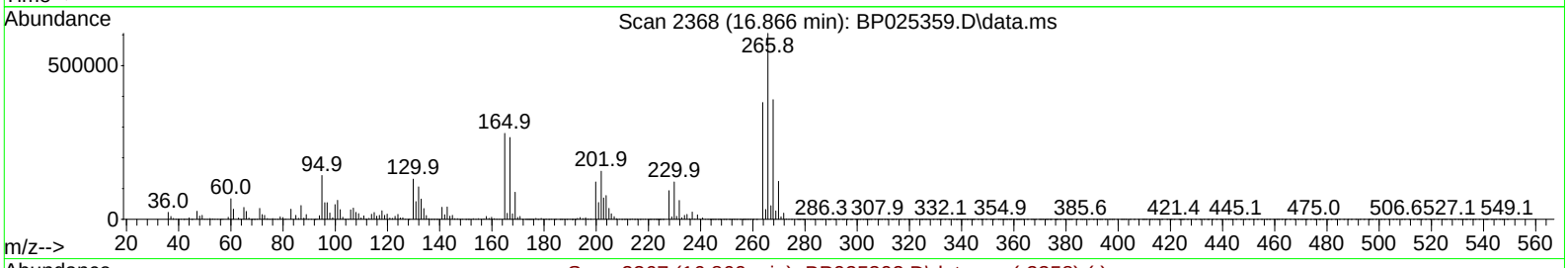
Sample Results: **BP025359.D**

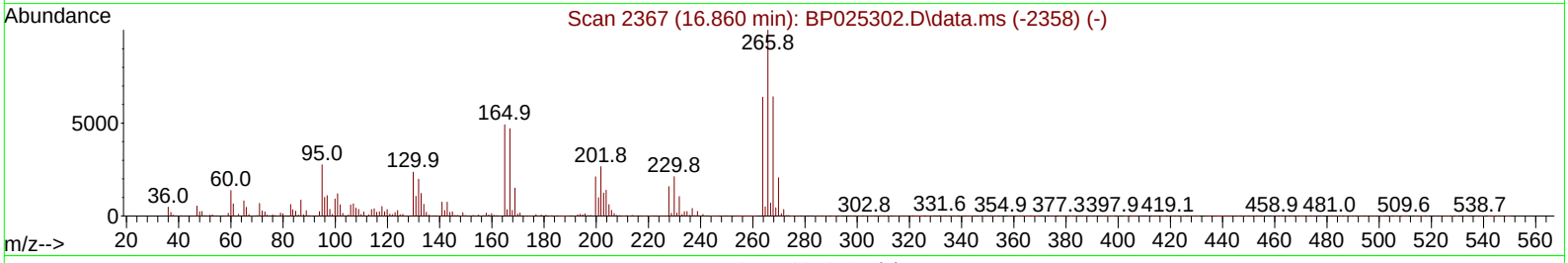
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 12 11:27:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025359.D\data.ms

(70) Pentachlorophenol (C)

16.866min (+ 0.006) 2105985.22 ng

response 893734

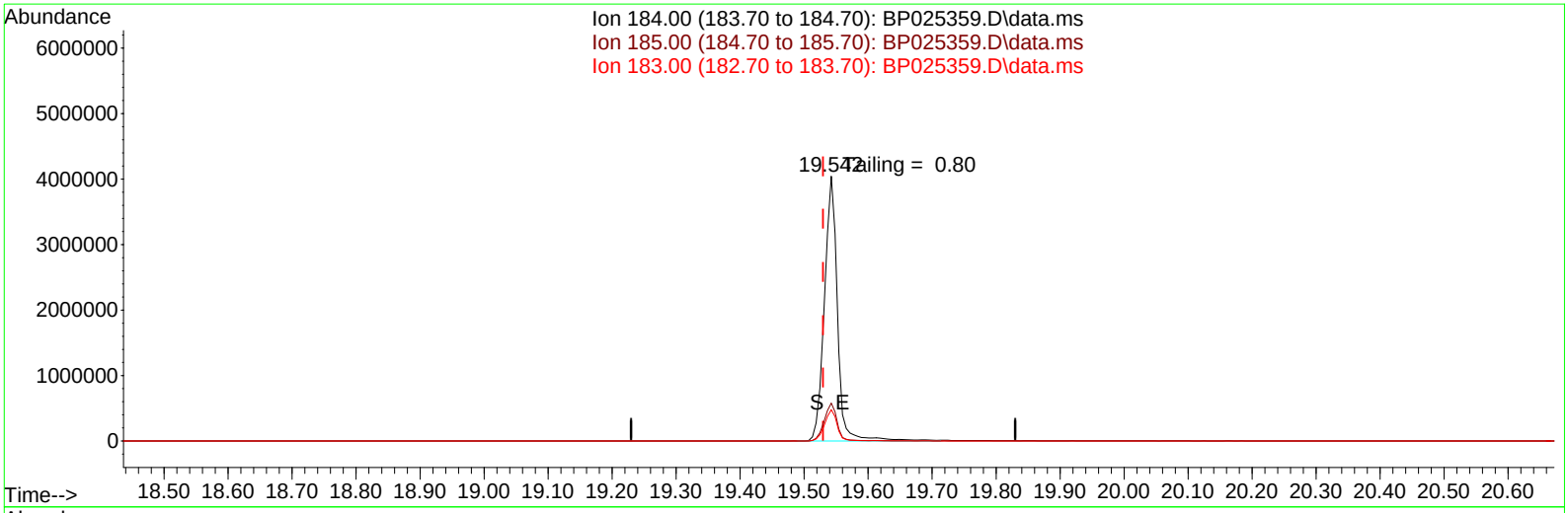
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	64.31
264.00	63.90	62.80
0.00	0.00	0.00

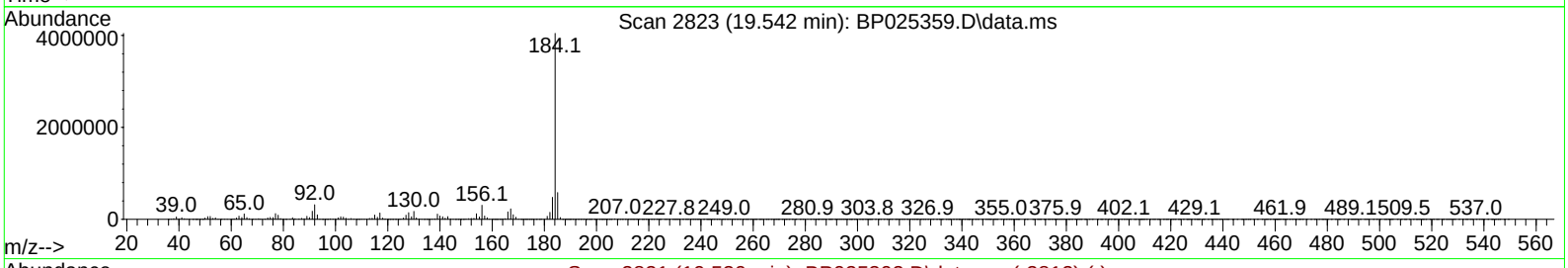
Sample Results: **BP025359.D**

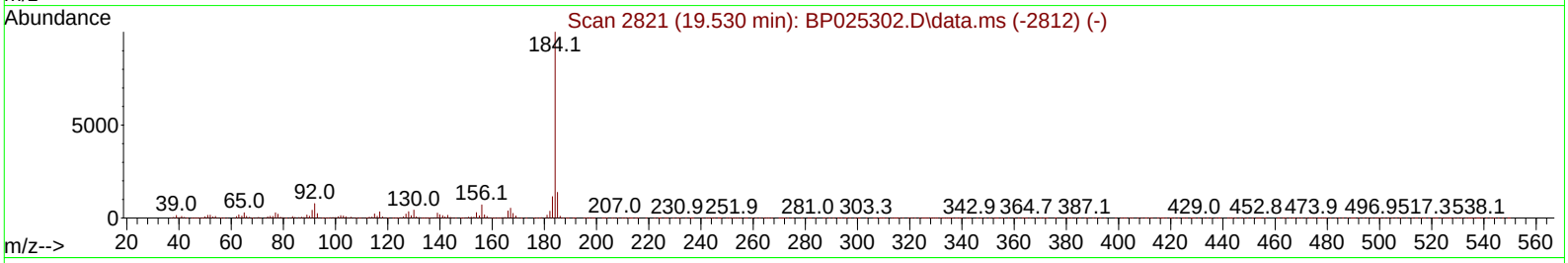
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 12 11:27:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025359.D\data.ms

(77) Benzidine

19.542min (+ 0.012) 1326377.90 ng

response 5712896

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.35
183.00	11.50	11.85
0.00	0.00	0.00

Raw Data: **BP025361.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BL			SDG No.:	Q2795
Lab Sample ID:	PB169176BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025361.D	1	08/08/25 09:12	08/12/25 10:49	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	86.1		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.2		20 - 109	83%	SPK: 100
1718-51-0	Terphenyl-d14	81.9		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	197000	7.796			
1146-65-2	Naphthalene-d8	745000	10.572			
15067-26-2	Acenaphthene-d10	423000	14.419			
1517-22-2	Phenanthrene-d10	795000	17.225			
1719-03-5	Chrysene-d12	877000	21.672			
1520-96-3	Perylene-d12	1060000	25.048			

Raw Data: **BP025361.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BL			SDG No.:	Q2795
Lab Sample ID:	PB169176BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025361.D	1	08/08/25 09:12	08/12/25 10:49	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025361.D
Acq On : 12 Aug 2025 10:49
Operator : CG/JU
Sample : PB169176BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Quant Time: Aug 12 11:28:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	197203	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	745124	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	423004	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	795112	20.000	ng	0.00
76) Chrysene-d12	21.672	240	877135	20.000	ng	0.01
86) Perylene-d12	25.048	264	1062238	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1555358	126.853	ng	0.00
7) Phenol-d6	6.972	99	1802205	111.685	ng	0.00
23) Nitrobenzene-d5	8.937	82	1157520	86.063	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	598373	141.796	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2546842	83.160	ng	0.00
79) Terphenyl-d14	19.942	244	3802266	81.876	ng	0.00
Target Compounds						Qvalue

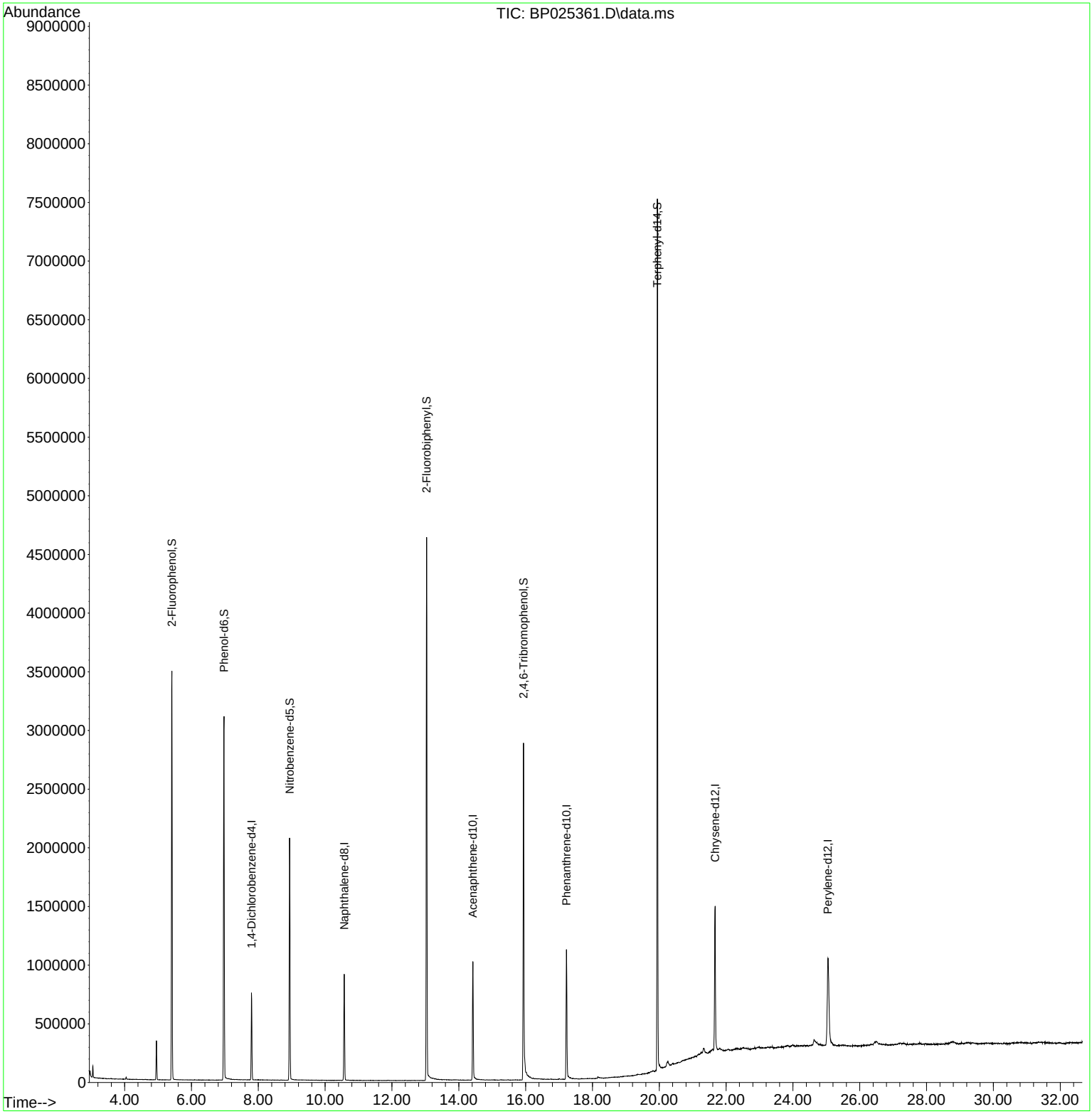
(#) = qualifier out of range (m) = manual integration (+) = signals summed

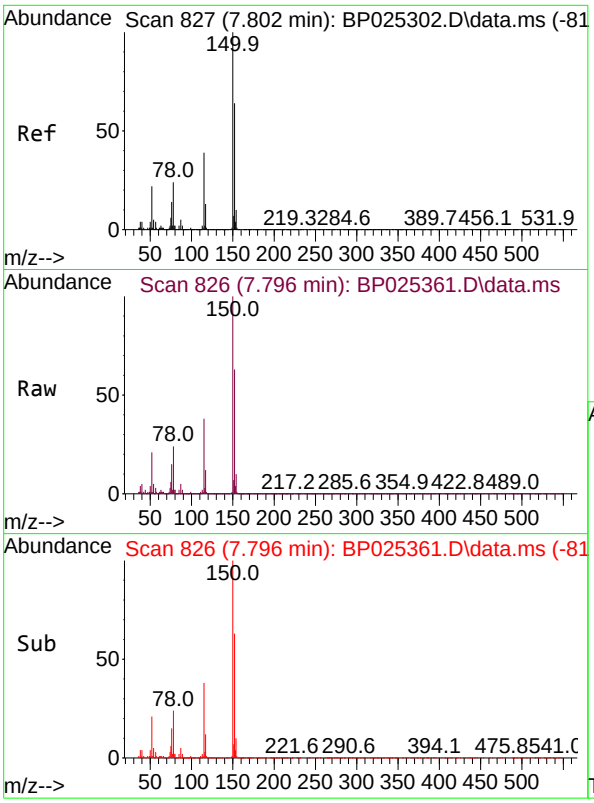
Sample Results: **BP025361.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025361.D
Acq On : 12 Aug 2025 10:49
Operator : CG/JU
Sample : PB169176BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Quant Time: Aug 12 11:28:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



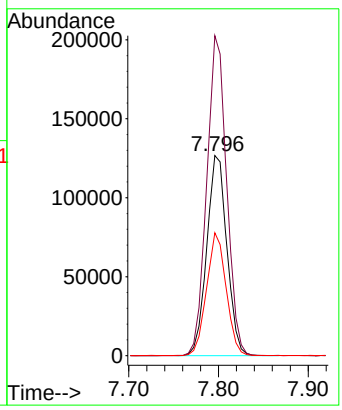


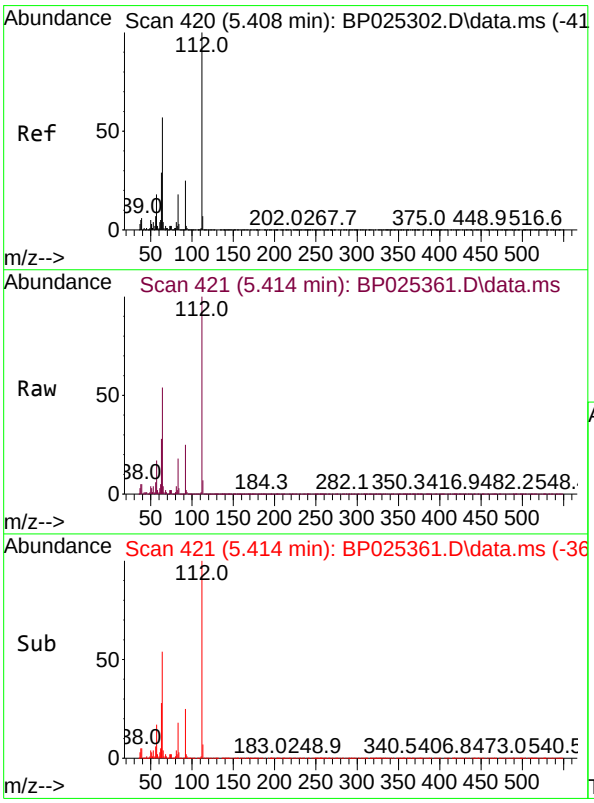
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion:152 Resp: 197203

Ion	Ratio	Lower	Upper
152	100		
150	159.9	125.1	187.7
115	61.4	48.4	72.6

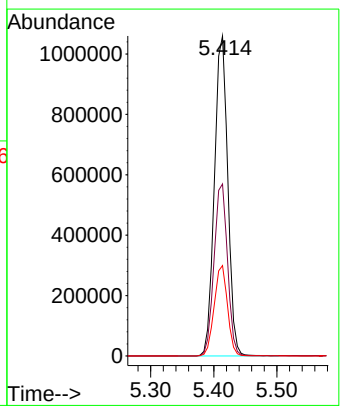


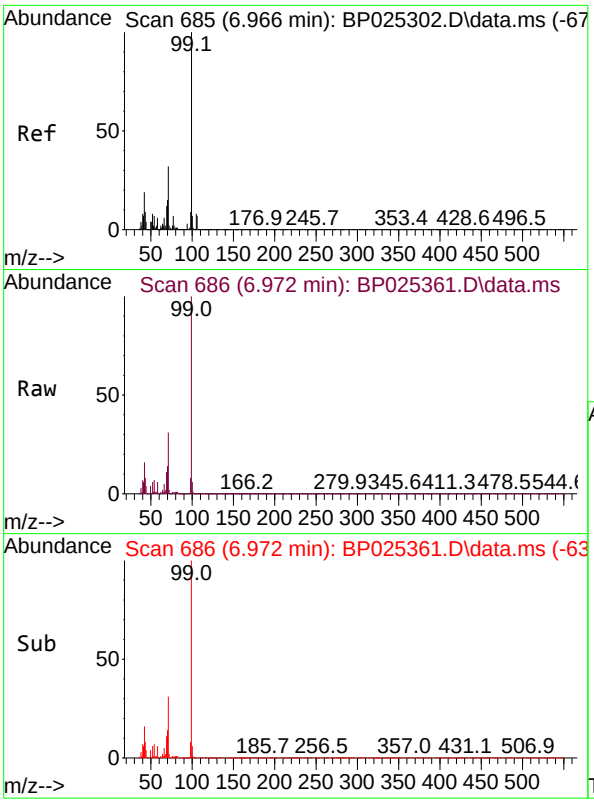


#5
2-Fluorophenol
Concen: 126.853 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:112 Resp: 1555358

Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.3	67.9
63	28.2	23.0	34.6



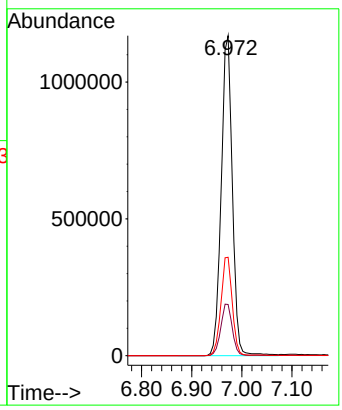


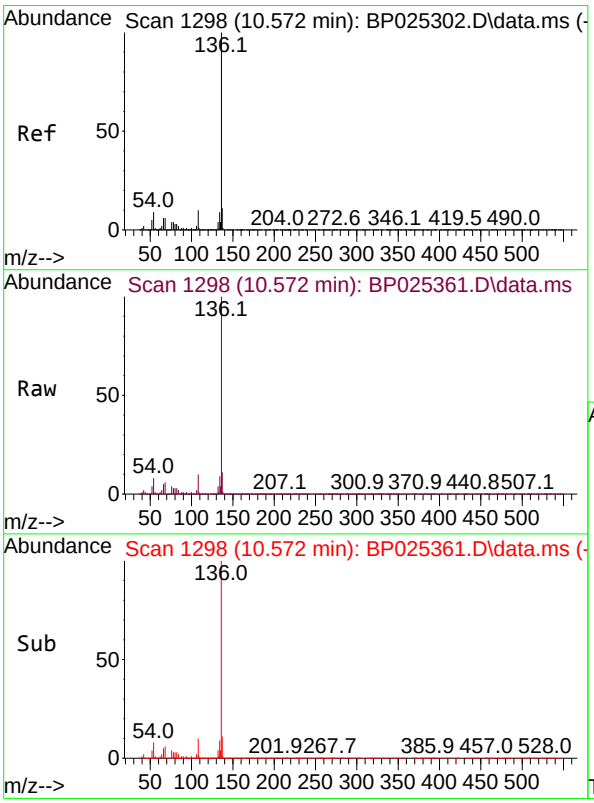
#7
Phenol-d6
Concen: 111.685 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion: 99 Resp: 1802205

Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.0	22.6
71	30.7	25.5	38.3

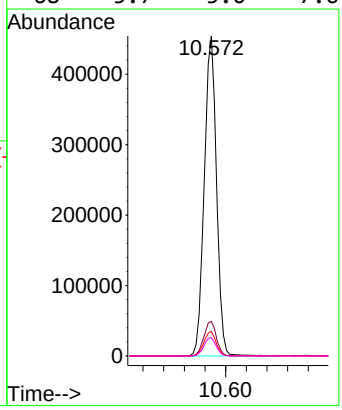


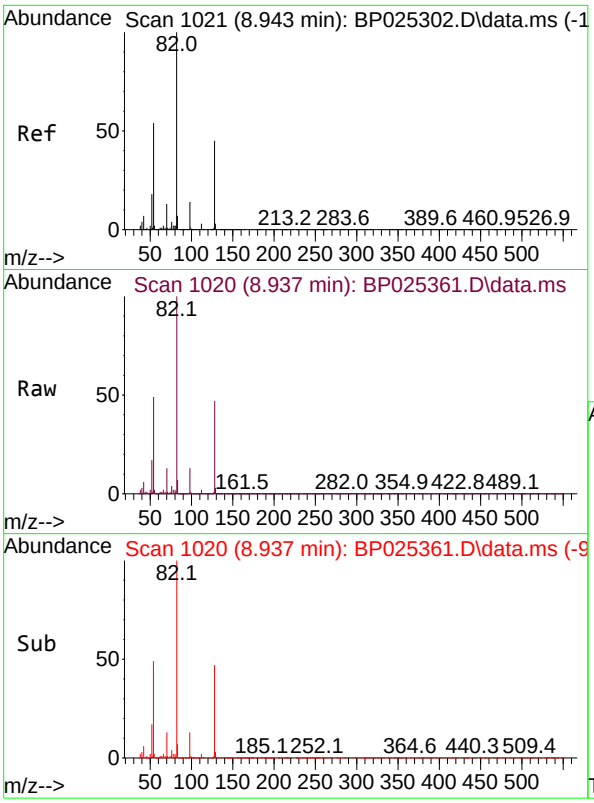


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:136 Resp: 745124

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.6
68	5.7	5.0	7.6



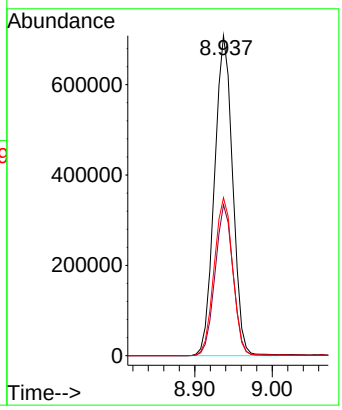


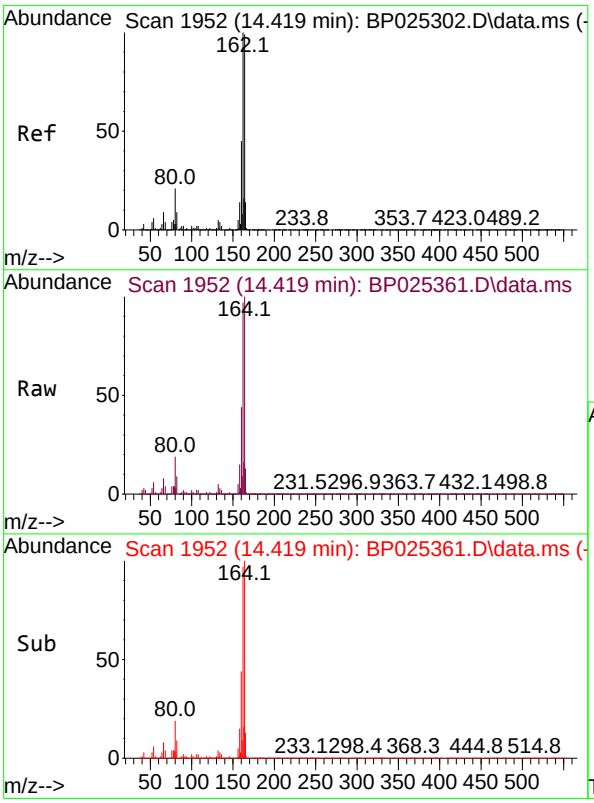
#23
Nitrobenzene-d5
Concen: 86.063 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion: 82 Resp: 1157520

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.4	53.2
54	49.3	42.9	64.3

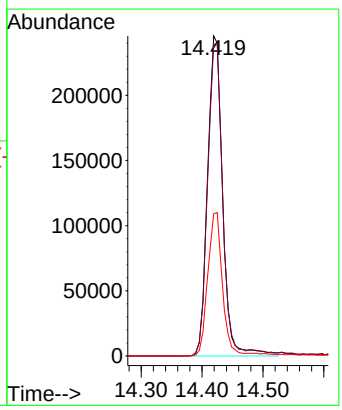


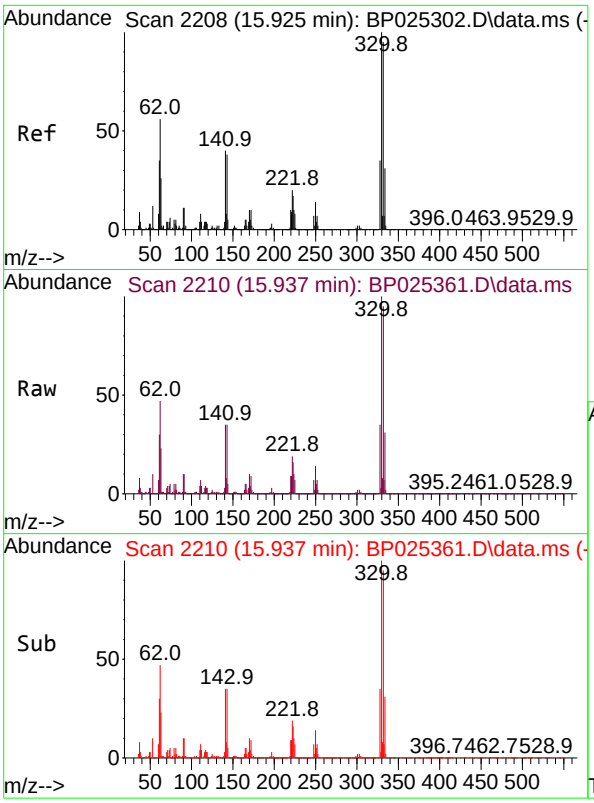


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:164 Resp: 423004

Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.6	120.8
160	44.4	35.9	53.9



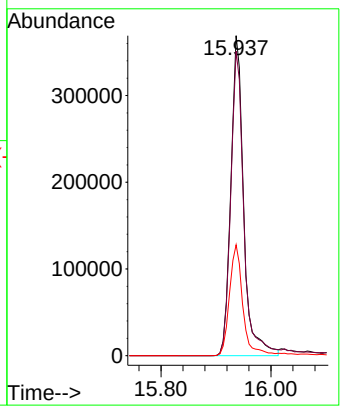


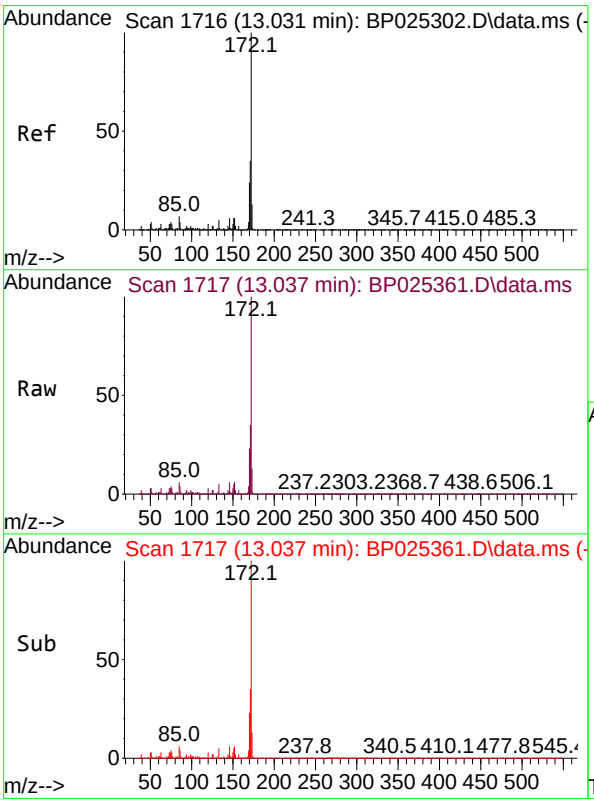
#42
2,4,6-Tribromophenol
Concen: 141.796 ng
RT: 15.937 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion:330 Resp: 598373

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.4	116.0
141	36.9	31.7	47.5

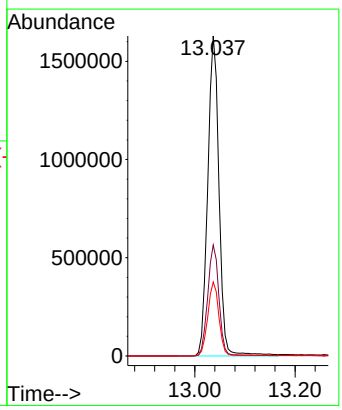


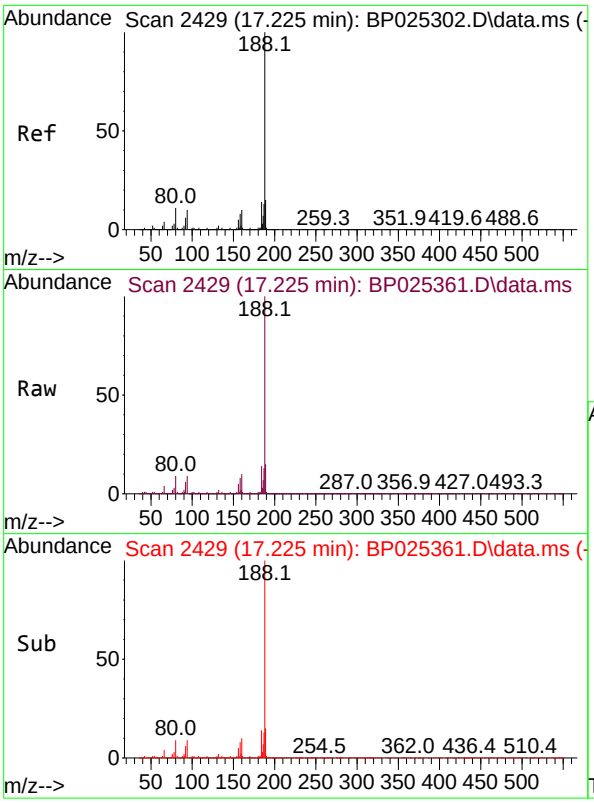


#45
2-Fluorobiphenyl
Concen: 83.160 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:172 Resp: 2546842

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.1	18.9	28.3



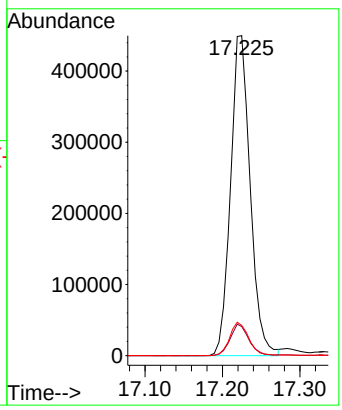


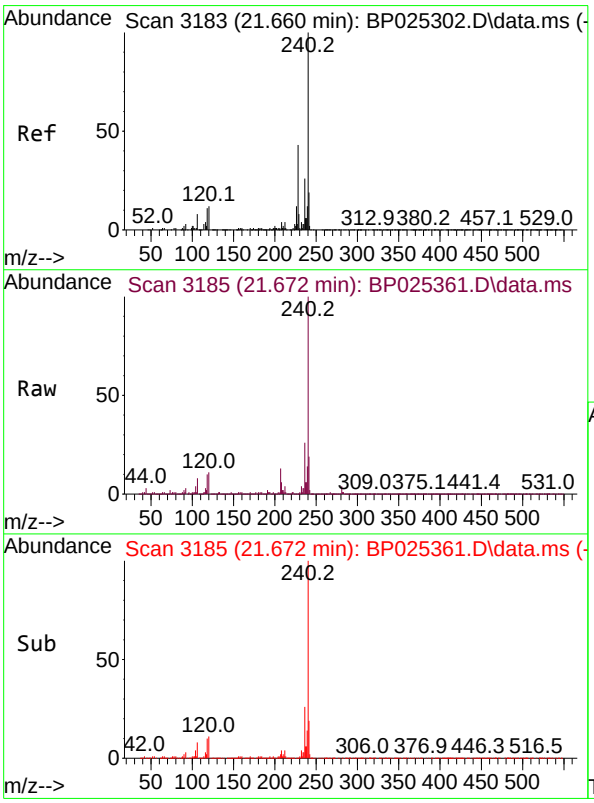
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion:188 Resp: 795112

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.5	8.5	12.7

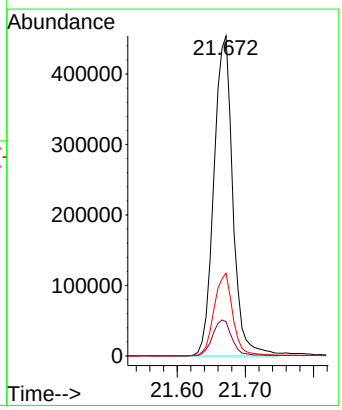


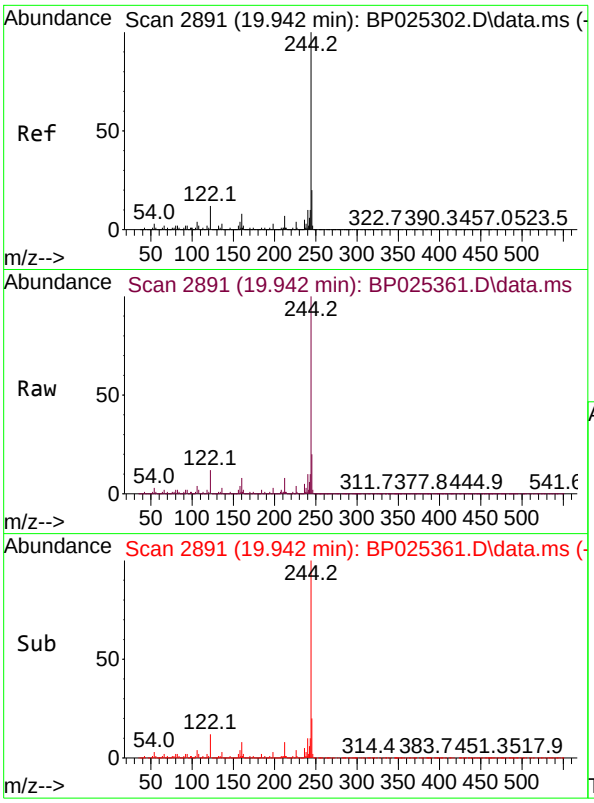


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:240 Resp: 877135

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.6	14.4
236	25.9	20.4	30.6



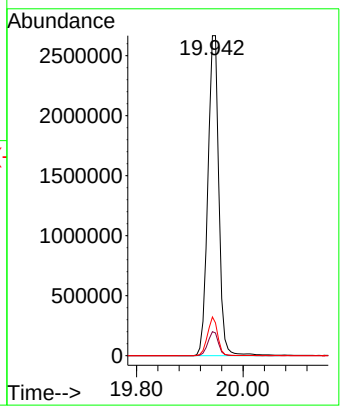


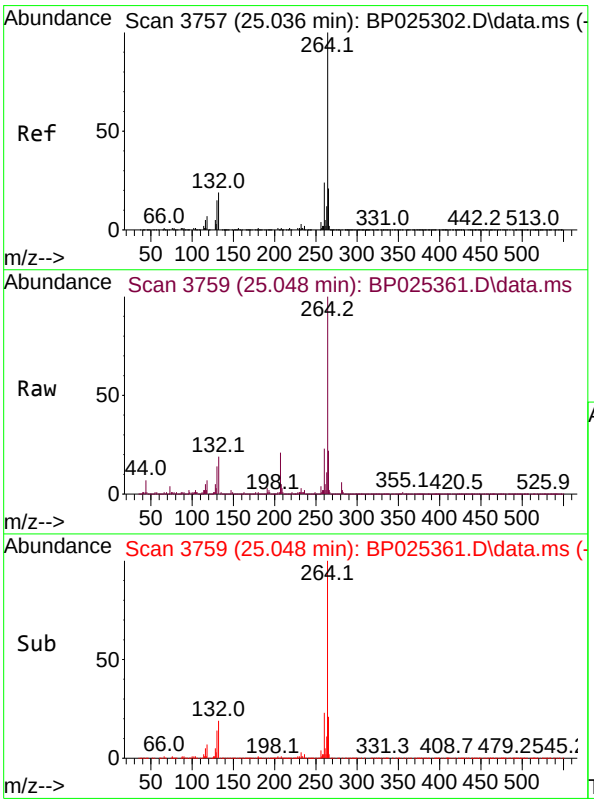
#79
Terphenyl-d14
Concen: 81.876 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Instrument :
BNA_P
ClientSampleId :
PB169176BL

Tgt Ion:244 Resp: 3802266

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.1	9.5	14.3

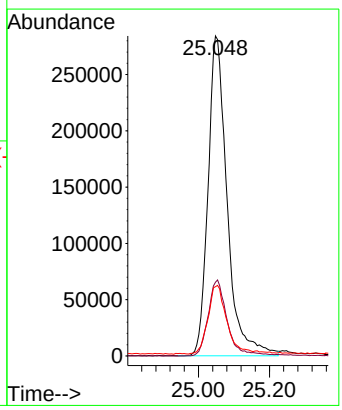




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025361.D
Acq: 12 Aug 2025 10:49

Tgt Ion:264 Resp: 1062238

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.1	25.7



Raw Data: **BP025362.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BS			SDG No.:	Q2795
Lab Sample ID:	PB169176BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025362.D	1	08/08/25 09:12	08/12/25 11:30	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	84.1		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	85.0		10 - 105	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	223000	7.796			
1146-65-2	Naphthalene-d8	886000	10.572			
15067-26-2	Acenaphthene-d10	560000	14.425			
1517-22-2	Phenanthrene-d10	1140000	17.225			
1719-03-5	Chrysene-d12	1130000	21.666			
1520-96-3	Perylene-d12	1220000	25.054			

Raw Data: **BP025362.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169176BS			SDG No.:	Q2795
Lab Sample ID:	PB169176BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025362.D	1	08/08/25 09:12	08/12/25 11:30	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025362.D
Acq On : 12 Aug 2025 11:30
Operator : CG/JU
Sample : PB169176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 11:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	223200	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	886480	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	559934	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	1136515	20.000	ng		0.00
76) Chrysene-d12	21.666	240	1132010	20.000	ng		0.00
86) Perylene-d12	25.054	264	1223220	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1742569	125.568	ng		0.00
7) Phenol-d6	6.978	99	2158841	118.204	ng		0.01
23) Nitrobenzene-d5	8.937	82	1345724	84.102	ng		0.00
42) 2,4,6-Tribromophenol	15.931	330	889948	159.318	ng		0.00
45) 2-Fluorobiphenyl	13.037	172	3120279	76.969	ng		0.00
79) Terphenyl-d14	19.948	244	5091486	84.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	206812	37.764	ng		96
3) Pyridine	3.725	79	576424	37.885	ng		95
4) n-Nitrosodimethylamine	3.631	42	265691	37.613	ng		93
6) Aniline	7.131	93	788062	31.432	ng		98
8) 2-Chlorophenol	7.372	128	695681	45.798	ng		98
9) Benzaldehyde	6.943	77	342372m	26.394	ng		
10) Phenol	7.002	94	831451	42.548	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	626969	40.948	ng		97
12) 1,3-Dichlorobenzene	7.690	146	742731	43.515	ng		100
13) 1,4-Dichlorobenzene	7.837	146	751047	43.493	ng		98
14) 1,2-Dichlorobenzene	8.149	146	717536	42.894	ng		99
15) Benzyl Alcohol	8.031	79	572996	40.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	870361	35.984	ng		97
17) 2-Methylphenol	8.231	107	564530	43.174	ng		98
18) Hexachloroethane	8.872	117	275372	44.591	ng		99
19) n-Nitroso-di-n-propyla...	8.596	70	473576	39.466	ng		94
20) 3+4-Methylphenols	8.555	107	765532	42.516	ng		98
22) Acetophenone	8.607	105	967849	43.491	ng	#	95
24) Nitrobenzene	8.984	77	697056	46.020	ng		97
25) Isophorone	9.507	82	1354401	42.523	ng		99
26) 2-Nitrophenol	9.690	139	360082	54.075	ng		97
27) 2,4-Dimethylphenol	9.749	122	646859	44.050	ng		98
28) bis(2-Chloroethoxy)met...	9.984	93	841710	43.441	ng		99
29) 2,4-Dichlorophenol	10.219	162	630757	49.063	ng		97
30) 1,2,4-Trichlorobenzene	10.437	180	644021	45.406	ng		99
31) Naphthalene	10.625	128	2046658	44.474	ng		99
32) Benzoic acid	9.878	122	490093	55.174	ng		97
33) 4-Chloroaniline	10.725	127	537124	26.243	ng		98
34) Hexachlorobutadiene	10.913	225	387739	47.623	ng		98
35) Caprolactam	11.501	113	235976	47.314	ng		88
36) 4-Chloro-3-methylphenol	11.848	107	705454	47.423	ng		98
37) 2-Methylnaphthalene	12.237	142	1315226	44.155	ng		99
38) 1-Methylnaphthalene	12.448	142	1381648	44.455	ng		99
40) 1,2,4,5-Tetrachloroben...	12.607	216	712479	46.607	ng		99
41) Hexachlorocyclopentadiene	12.590	237	944964	100.155	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	510019	51.646	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025362.D
Acq On : 12 Aug 2025 11:30
Operator : CG/JU
Sample : PB169176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 11:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.919	196	565361	51.035	ng		99
46) 1,1'-Biphenyl	13.248	154	1895189	45.928	ng		98
47) 2-Chloronaphthalene	13.290	162	1425474	45.280	ng		99
48) 2-Nitroaniline	13.484	65	439377	47.666	ng		91
49) Acenaphthylene	14.142	152	2405072	45.800	ng		99
50) Dimethylphthalate	13.872	163	1915246	46.921	ng		99
51) 2,6-Dinitrotoluene	13.990	165	414015	54.988	ng		91
52) Acenaphthene	14.484	154	1666870m	52.039	ng		
53) 3-Nitroaniline	14.313	138	339554	38.541	ng	#	98
54) 2,4-Dinitrophenol	14.519	184	477041	99.036	ng	#	50
55) Dibenzofuran	14.825	168	2195907	45.876	ng		99
56) 4-Nitrophenol	14.631	139	794482	102.178	ng		95
57) 2,4-Dinitrotoluene	14.784	165	592279	50.560	ng		97
58) Fluorene	15.489	166	1713488	45.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	485805	52.498	ng		98
60) Diethylphthalate	15.260	149	1964959	47.748	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	837336	46.981	ng		98
62) 4-Nitroaniline	15.501	138	462742	53.009	ng		96
63) Azobenzene	15.784	77	1700864	44.490	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	332908	60.351	ng		92
66) n-Nitrosodiphenylamine	15.701	169	1607766	46.461	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	550321	48.125	ng		96
68) Hexachlorobenzene	16.519	284	620802	48.382	ng		96
69) Atrazine	16.672	200	606431	49.832	ng		98
70) Pentachlorophenol	16.866	266	870458	106.481	ng		98
71) Phenanthrene	17.266	178	2888692	46.406	ng		100
72) Anthracene	17.360	178	2957986	47.128	ng		100
73) Carbazole	17.636	167	2837889	47.102	ng		100
74) Di-n-butylphthalate	18.242	149	3644409	50.000	ng		99
75) Fluoranthene	19.348	202	3411266	47.339	ng		99
77) Benzidine	19.536	184	1349937	32.947	ng		99
78) Pyrene	19.724	202	3544570	47.087	ng		100
80) Butylbenzylphthalate	20.677	149	1703505	55.799	ng		98
81) Benzo(a)anthracene	21.648	228	3487864	46.366	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	989290	37.274	ng		99
83) Chrysene	21.719	228	3322383	47.618	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	2470691	50.682	ng		99
85) Di-n-octyl phthalate	22.901	149	4122164	50.519	ng		97
87) Indeno(1,2,3-cd)pyrene	28.918	276	4205037m	47.961	ng		
88) Benzo(b)fluoranthene	23.989	252	3481057	47.540	ng		99
89) Benzo(k)fluoranthene	24.071	252	3427390	47.216	ng		99
90) Benzo(a)pyrene	24.907	252	3354897	47.576	ng		99
91) Dibenzo(a,h)anthracene	29.006	278	3437751	47.876	ng		98
92) Benzo(g,h,i)perylene	30.106	276	3339547	47.388	ng		99

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

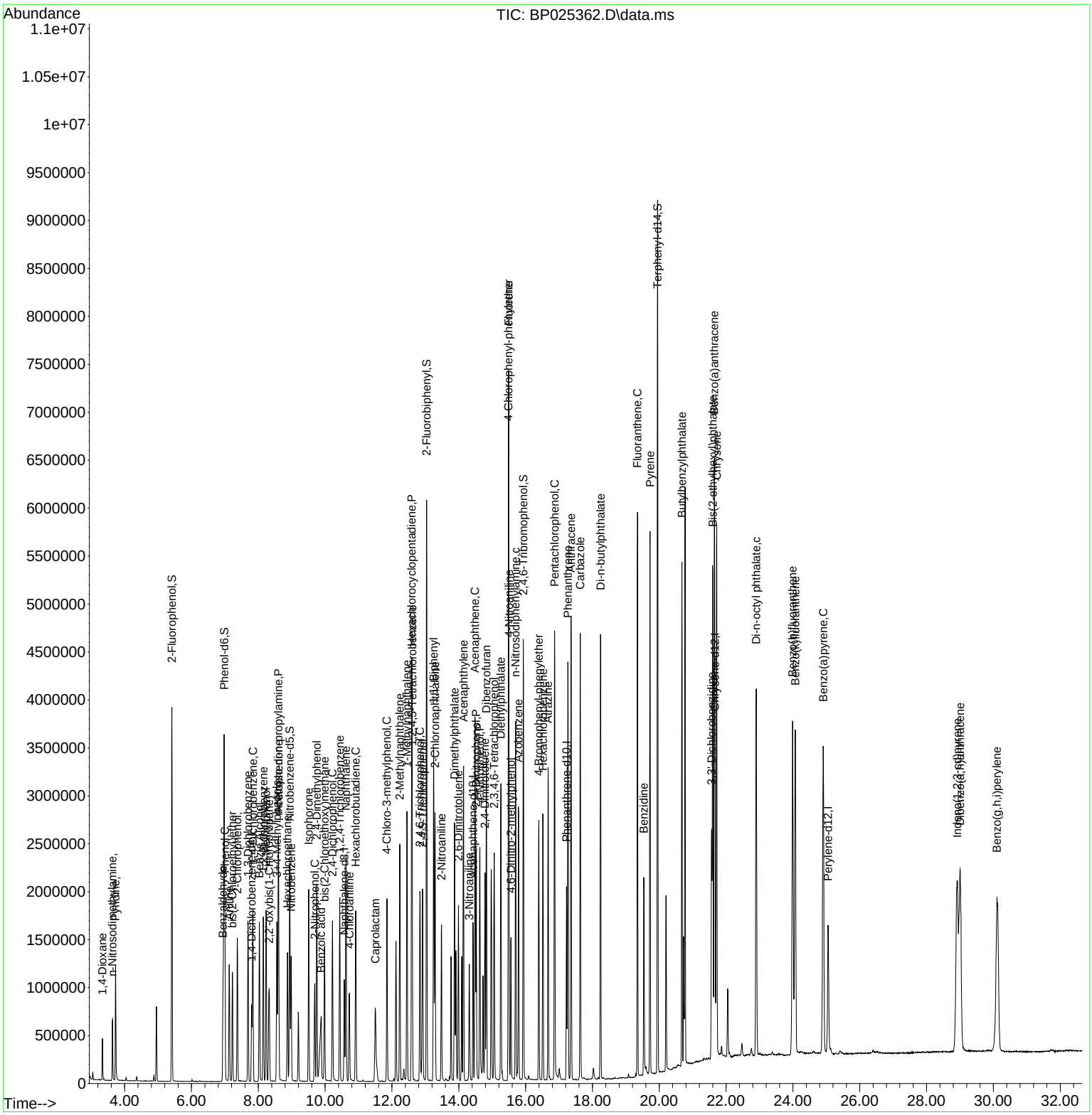
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Data File : BP025362.D
Acq On : 12 Aug 2025 11:30
Operator : CG/JU
Sample : PB169176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

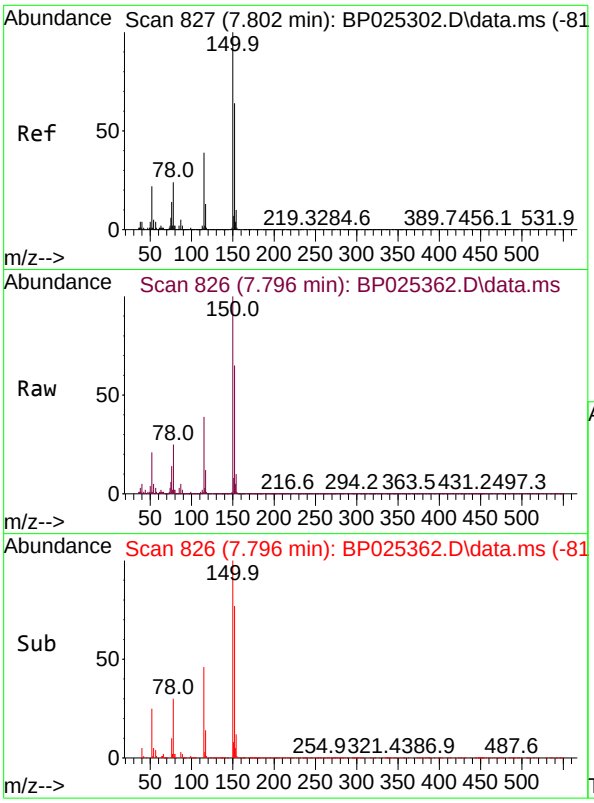
Quant Time: Aug 12 11:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

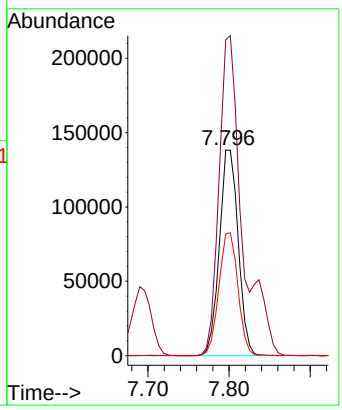




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:152 Resp: 22320

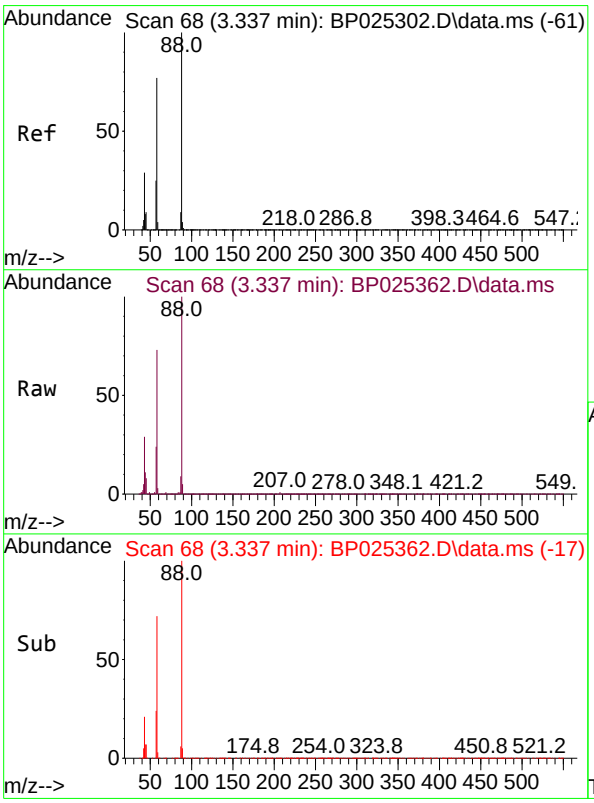
Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.1	187.7
115	59.3	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

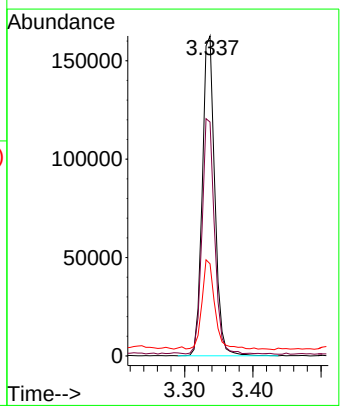
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

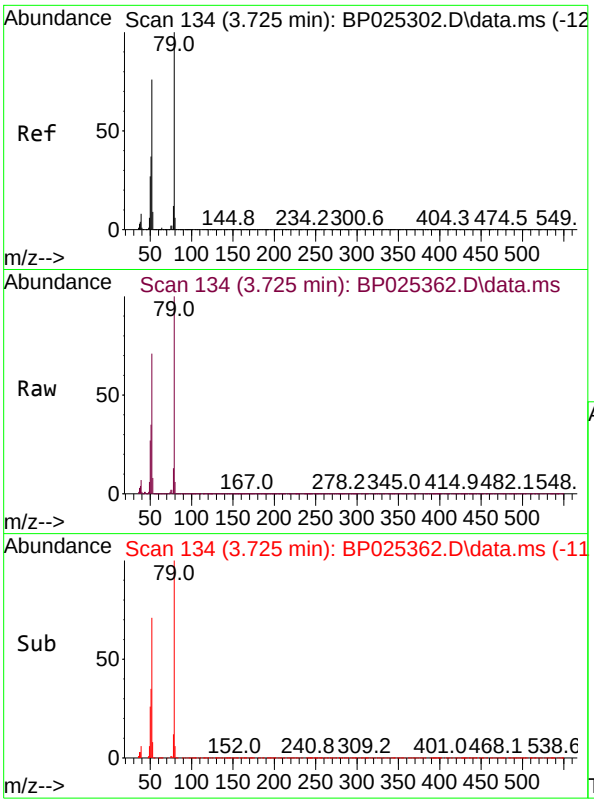


#2
1,4-Dioxane
Concen: 37.764 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 88 Resp: 206812

Ion	Ratio	Lower	Upper
88	100		
58	73.6	61.9	92.9
43	28.3	24.2	36.2

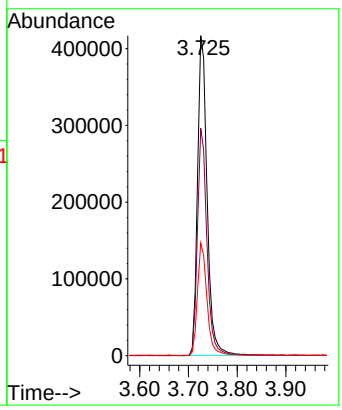




#3
Pyridine
Concen: 37.885 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 79 Resp: 57642

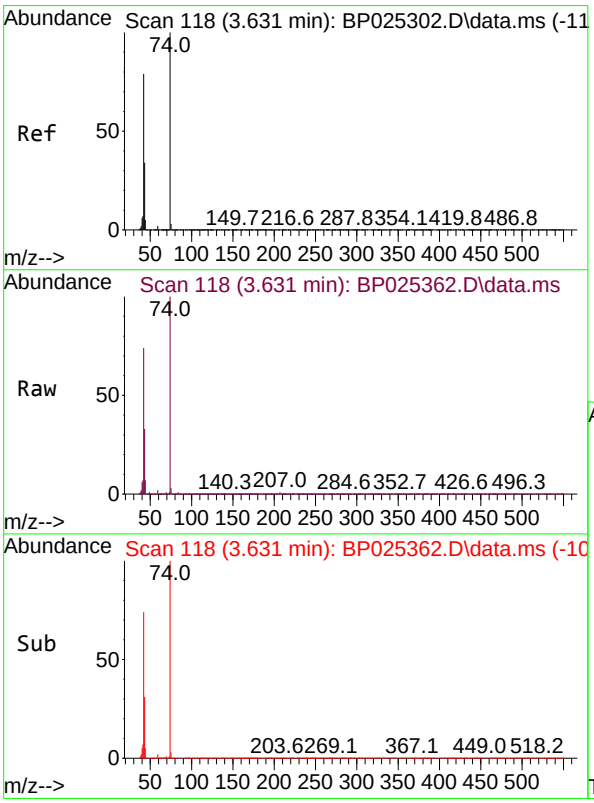
Ion	Ratio	Lower	Upper
79	100		
52	71.0	60.5	90.7
51	35.2	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

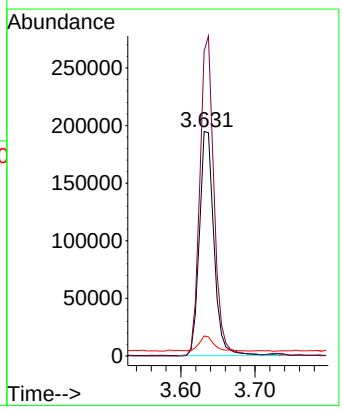
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

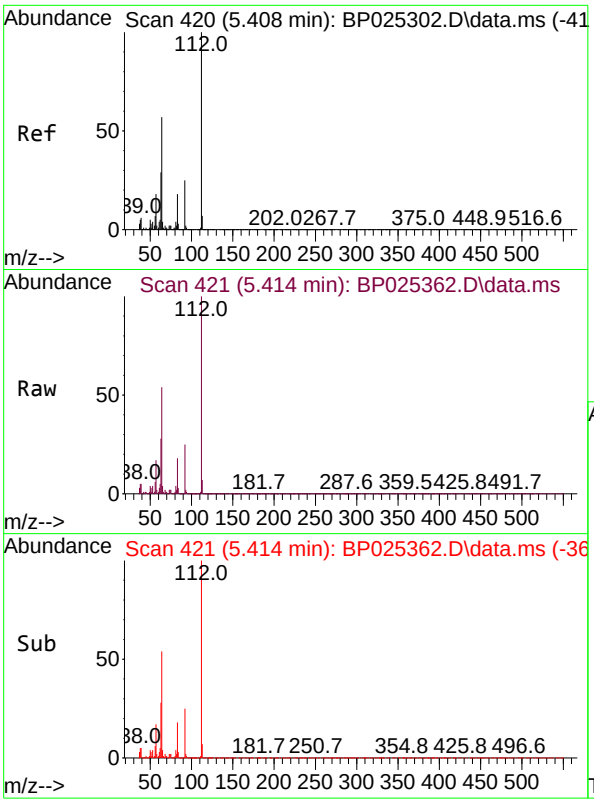


#4
n-Nitrosodimethylamine
Concen: 37.613 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 42 Resp: 265691

Ion	Ratio	Lower	Upper
42	100		
74	135.6	101.4	152.2
44	8.9	7.6	11.4





#5
2-Fluorophenol
Concen: 125.568 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

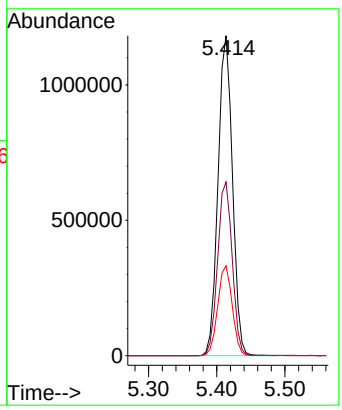
Tgt Ion:112 Resp: 174256

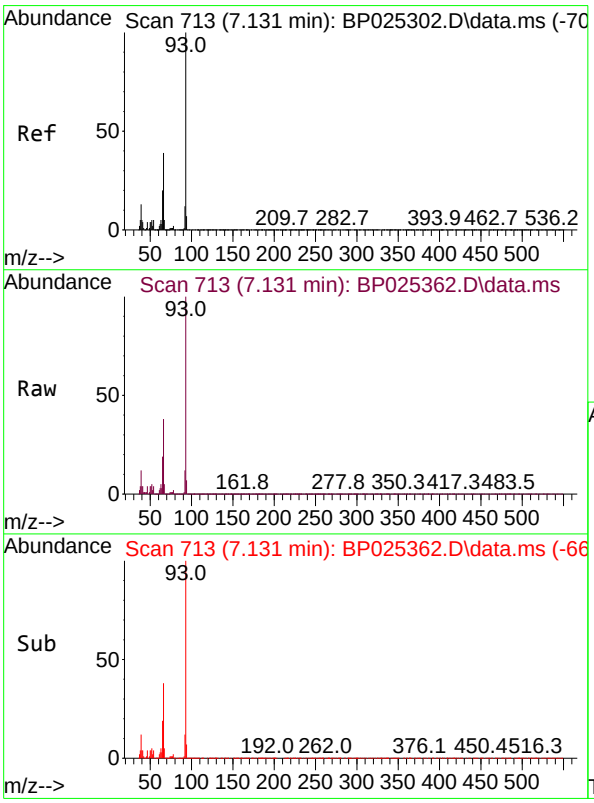
Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.3	67.9
63	28.1	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

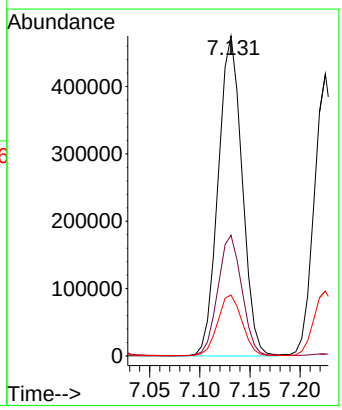


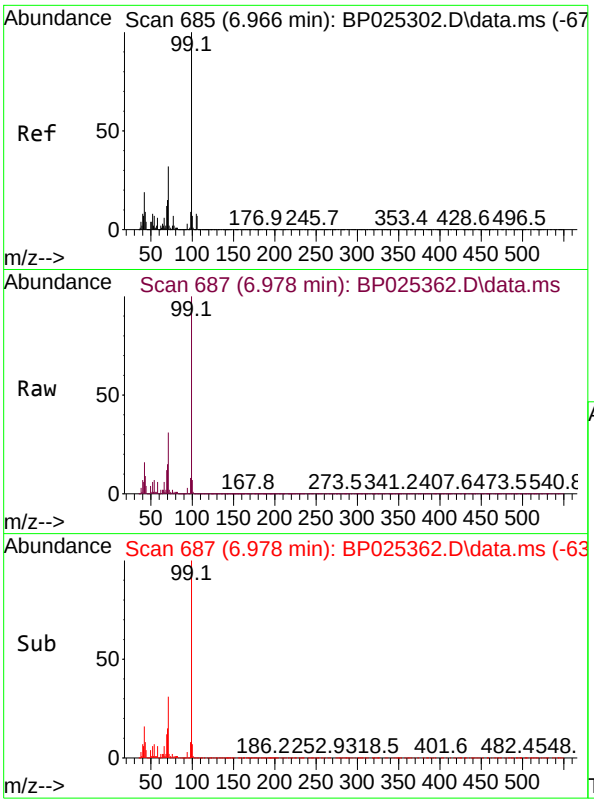


#6
Aniline
Concen: 31.432 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 93 Resp: 788062

Ion	Ratio	Lower	Upper
93	100		
66	37.7	31.1	46.7
65	19.1	15.8	23.8

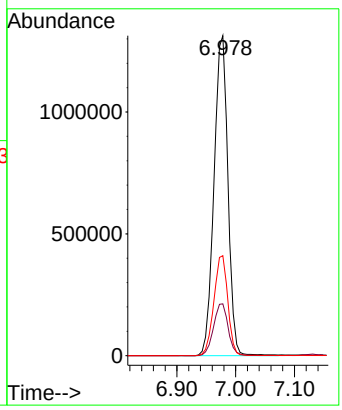




#7
Phenol-d6
Concen: 118.204 ng
RT: 6.978 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 99 Resp: 215884

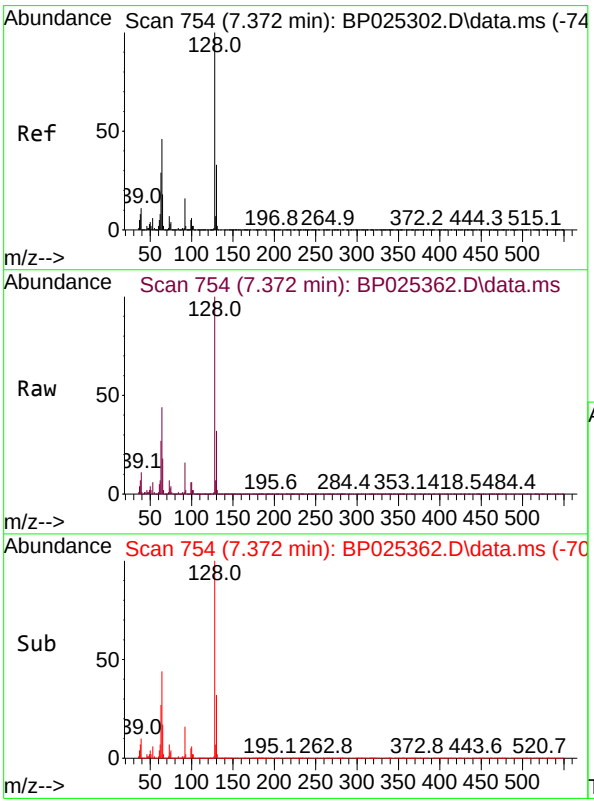
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.6
71	31.2	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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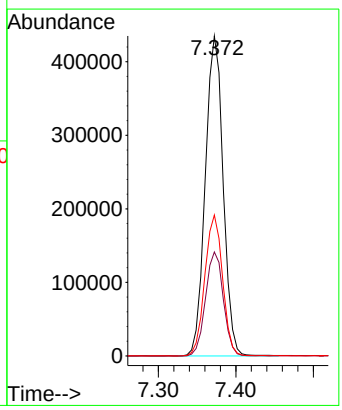
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

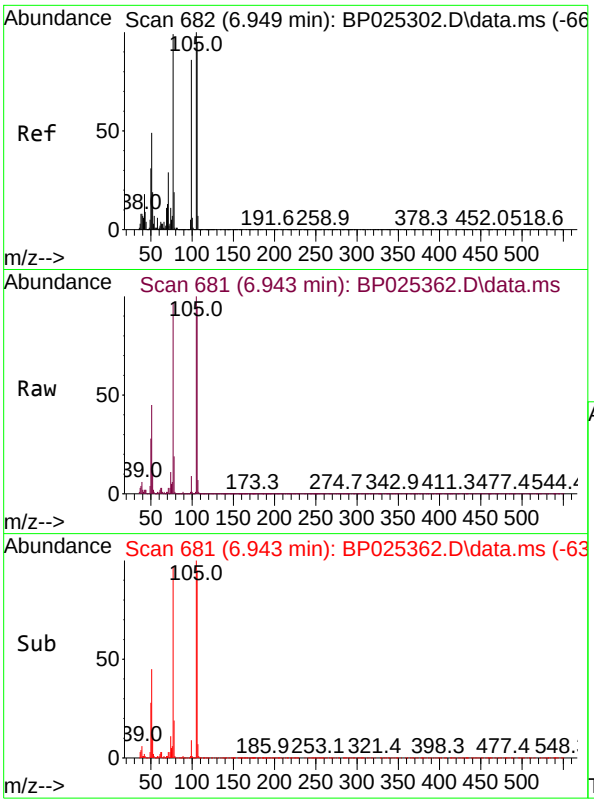


#8
2-Chlorophenol
Concen: 45.798 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:128 Resp: 695681

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.1	53.1
64	44.1	26.1	66.1

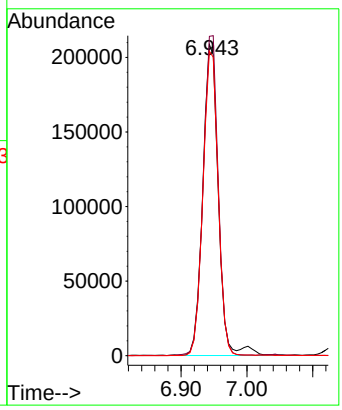




#9
Benzaldehyde
Concen: 26.394 ng m
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 77 Resp: 34237

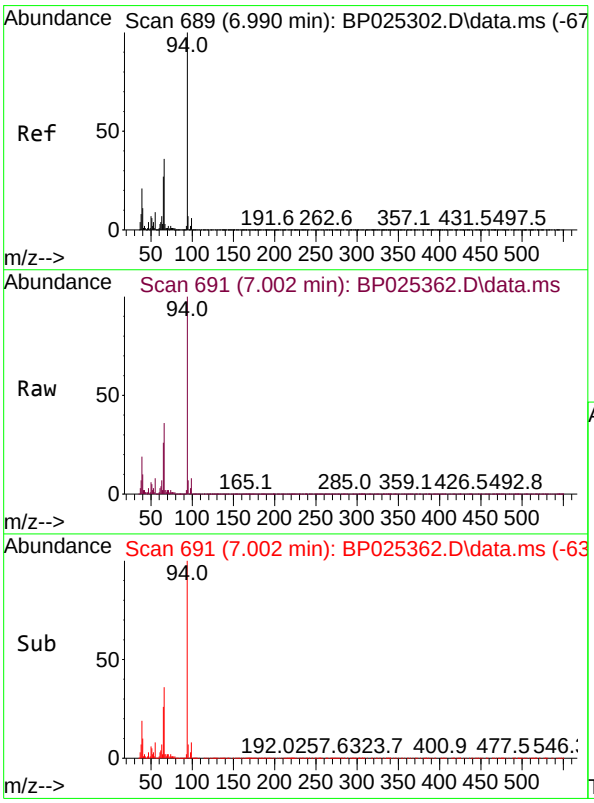
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	97.9	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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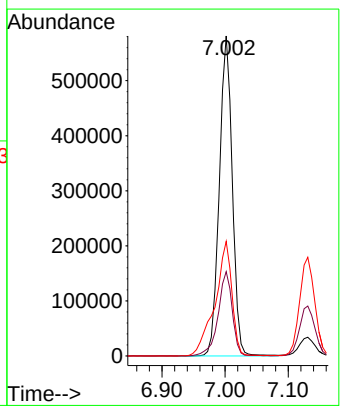
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

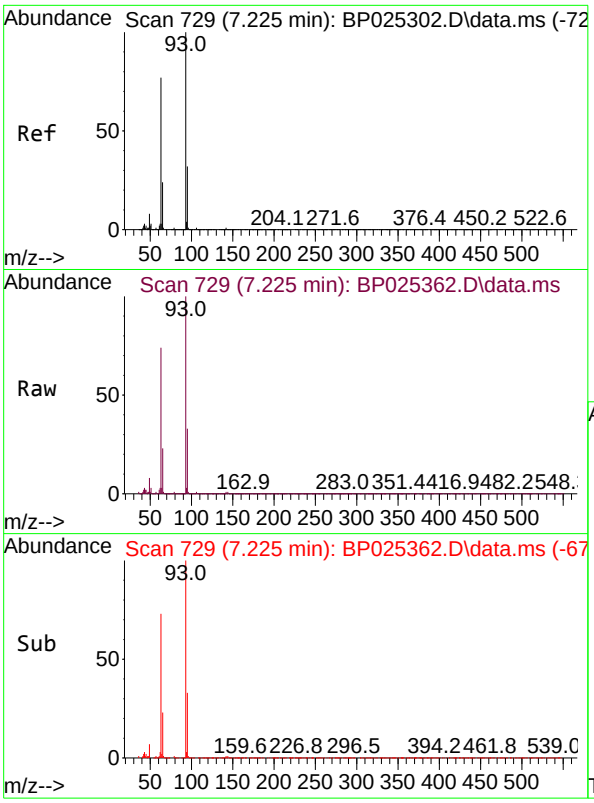


#10
Phenol
Concen: 42.548 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 94 Resp: 831451

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.3	47.3
66	35.8	15.7	55.7

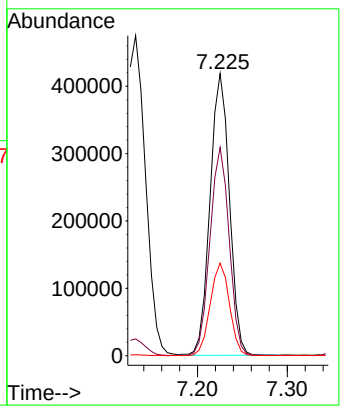




#11
bis(2-Chloroethyl)ether
Concen: 40.948 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 93 Resp: 62696

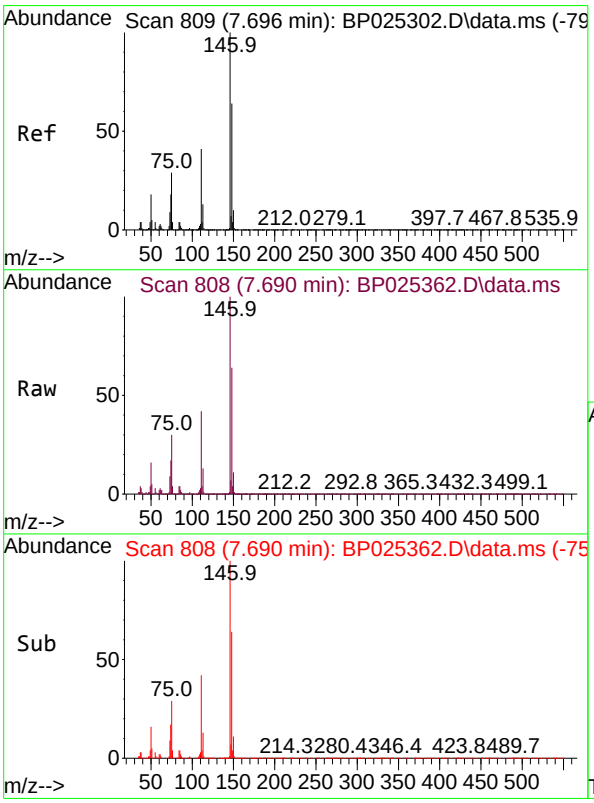
Ion	Ratio	Lower	Upper
93	100		
63	73.8	57.0	97.0
95	32.8	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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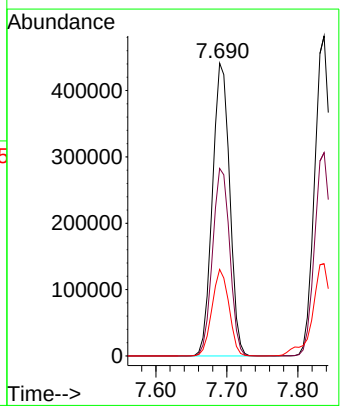
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

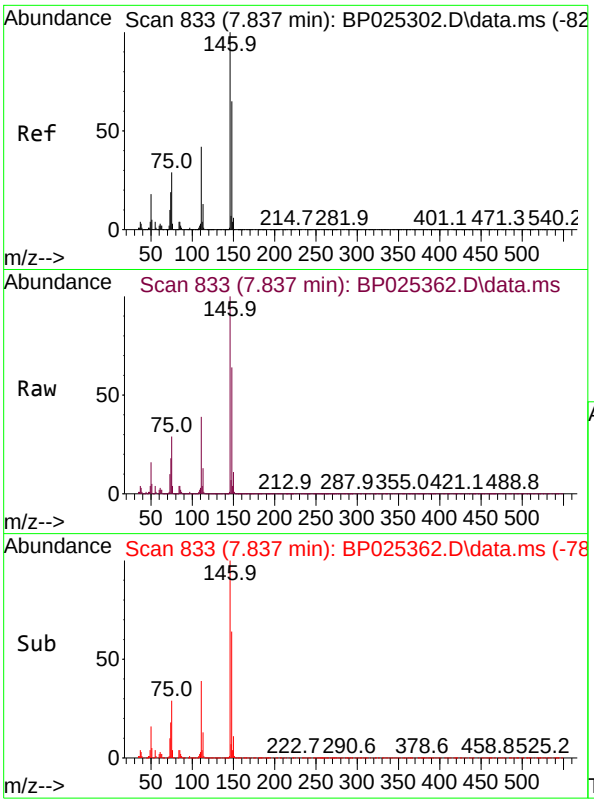


#12
1,3-Dichlorobenzene
Concen: 43.515 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:146 Resp: 742731

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
75	29.6	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 43.493 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

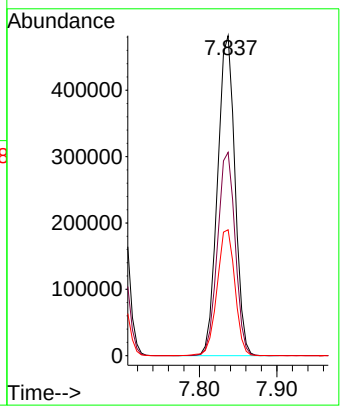
Tgt Ion:146 Resp: 75104

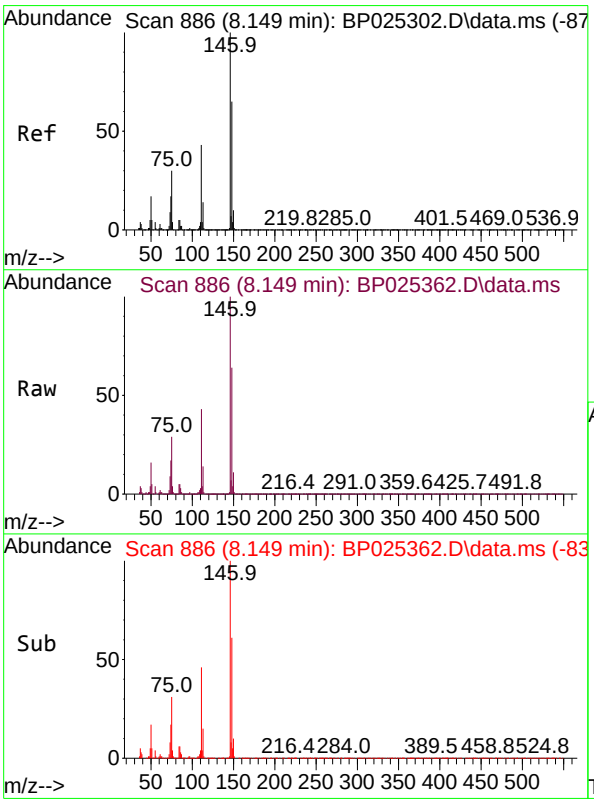
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	39.4	33.2	49.8

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

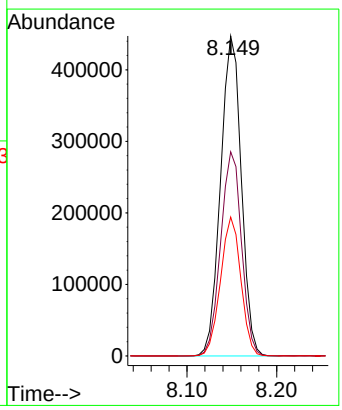


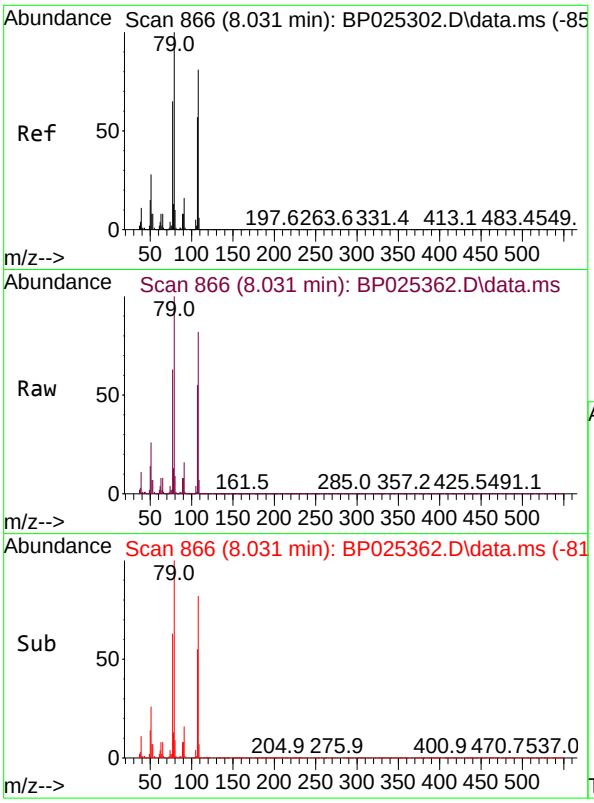


#14
1,2-Dichlorobenzene
Concen: 42.894 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:146 Resp: 717536

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	43.4	34.4	51.6





#15
Benzyl Alcohol
Concen: 40.474 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

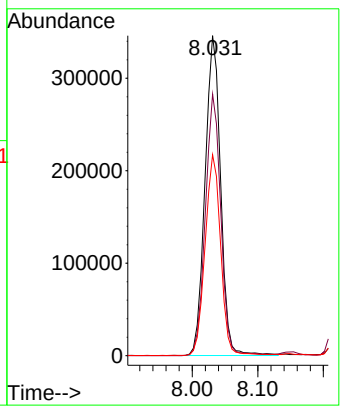
Tgt Ion: 79 Resp: 57299

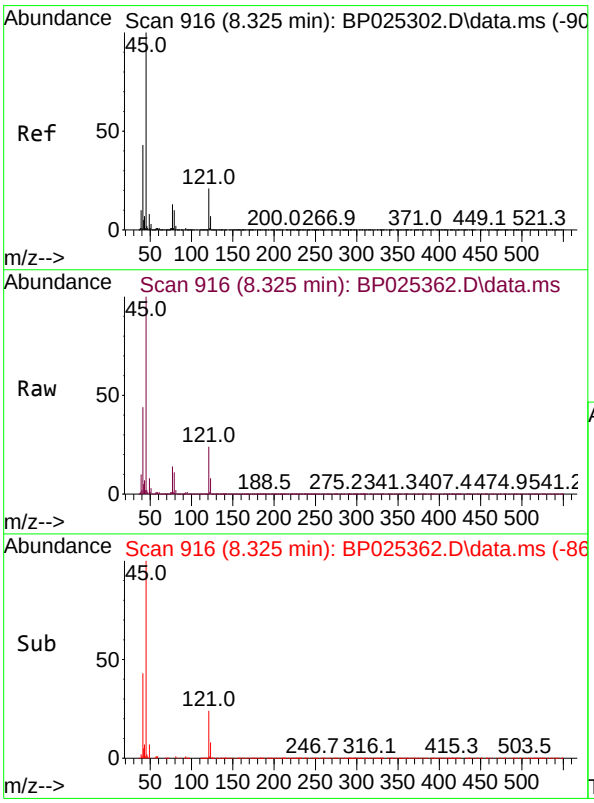
Ion	Ratio	Lower	Upper
79	100		
108	81.7	64.5	96.7
77	62.8	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

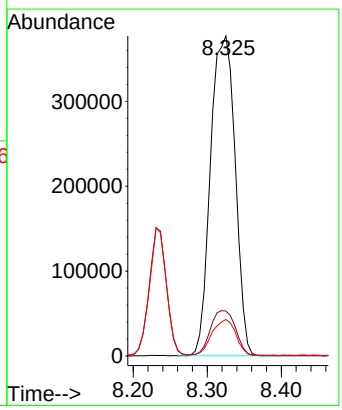


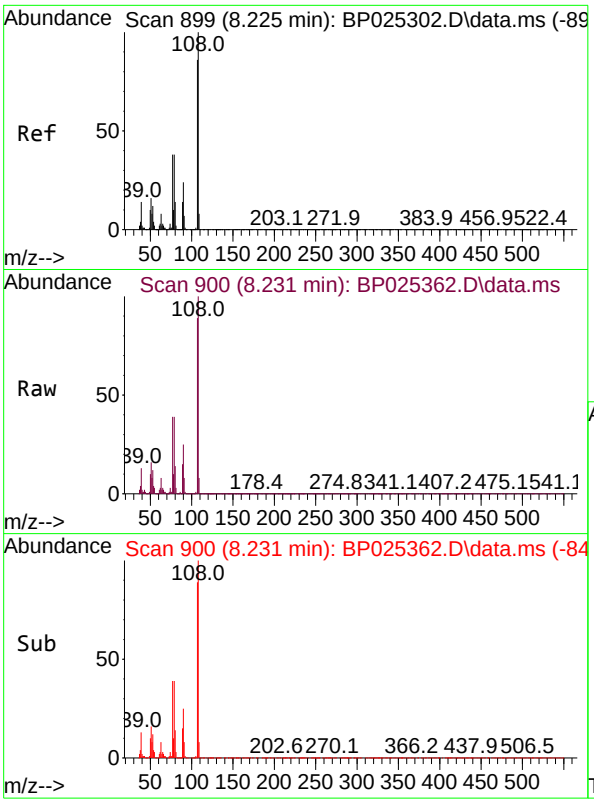


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.984 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 45 Resp: 870361

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.0
79	11.4	0.0	29.8

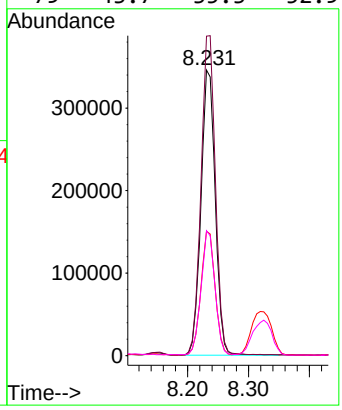




#17
2-Methylphenol
Concen: 43.174 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:107 Resp: 56453(

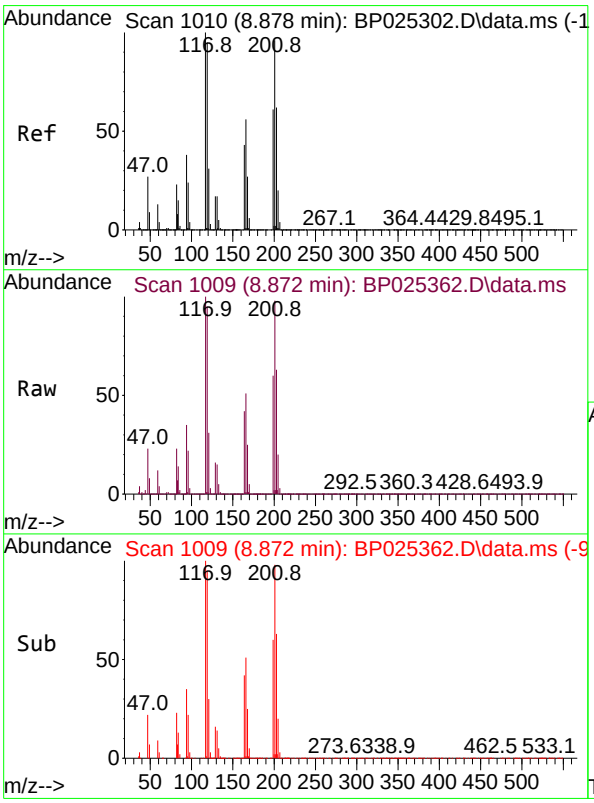
Ion	Ratio	Lower	Upper
107	100		
108	111.9	92.6	139.0
77	43.6	35.4	53.2
79	43.7	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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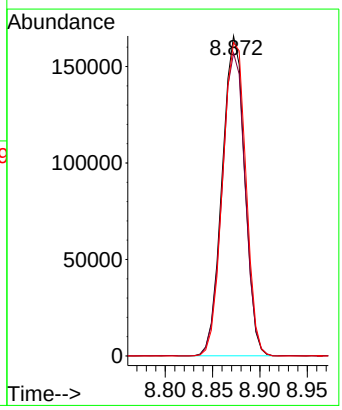
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

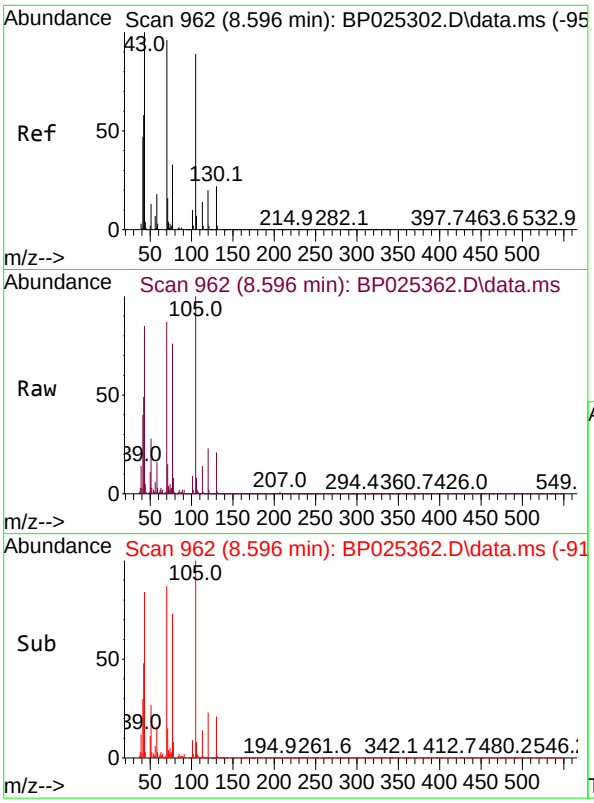


#18
Hexachloroethane
Concen: 44.591 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:117 Resp: 275372

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	98.0	76.6	114.8

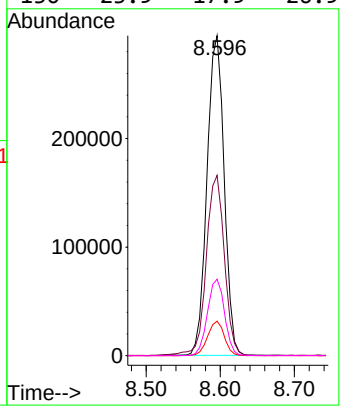




#19
n-Nitroso-di-n-propylamine
Concen: 39.466 ng
RT: 8.596 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 70 Resp: 47357(

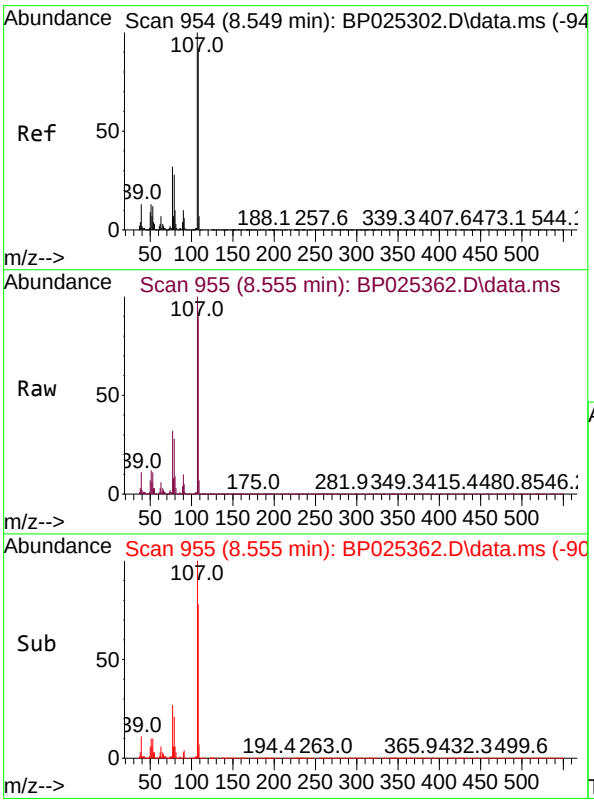
Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.4	74.0
101	10.8	7.9	11.9
130	23.9	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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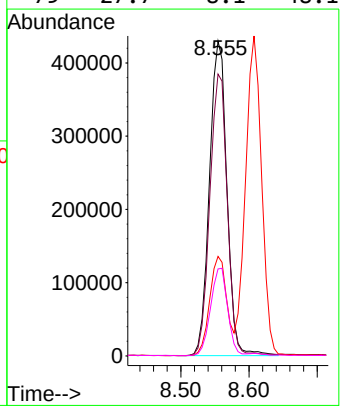
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

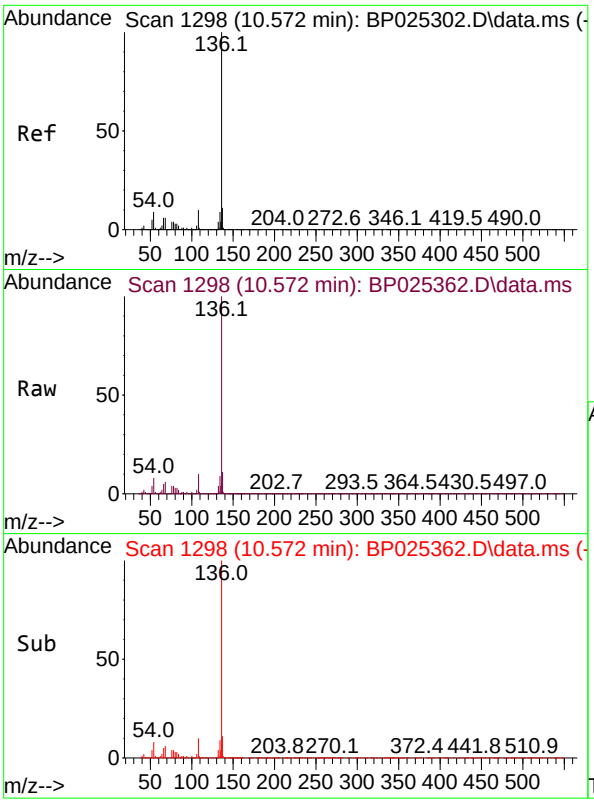


#20
3+4-Methylphenols
Concen: 42.516 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:107 Resp: 765532

Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.9	111.9
77	31.6	12.0	52.0
79	27.7	8.1	48.1

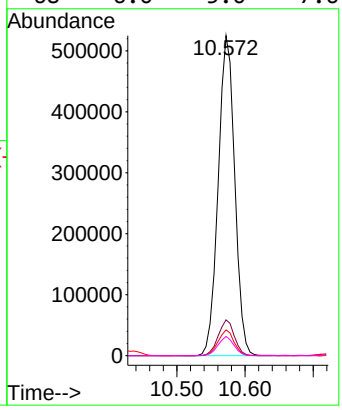




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:136 Resp: 88648

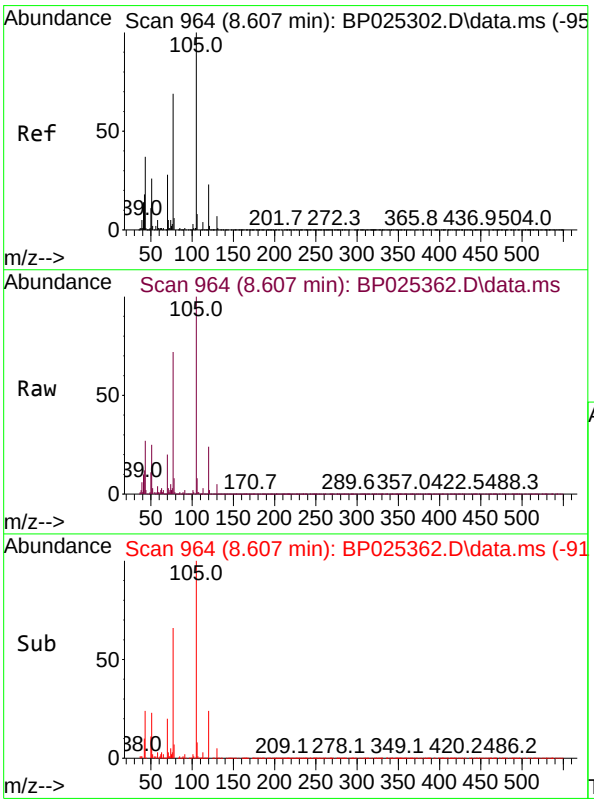
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	7.0	10.6
68	6.0	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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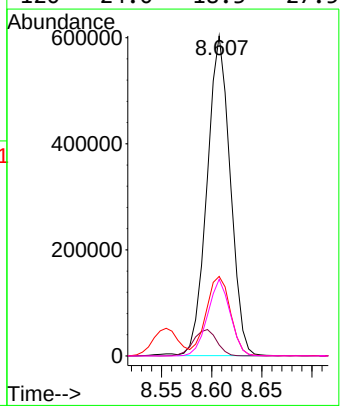
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

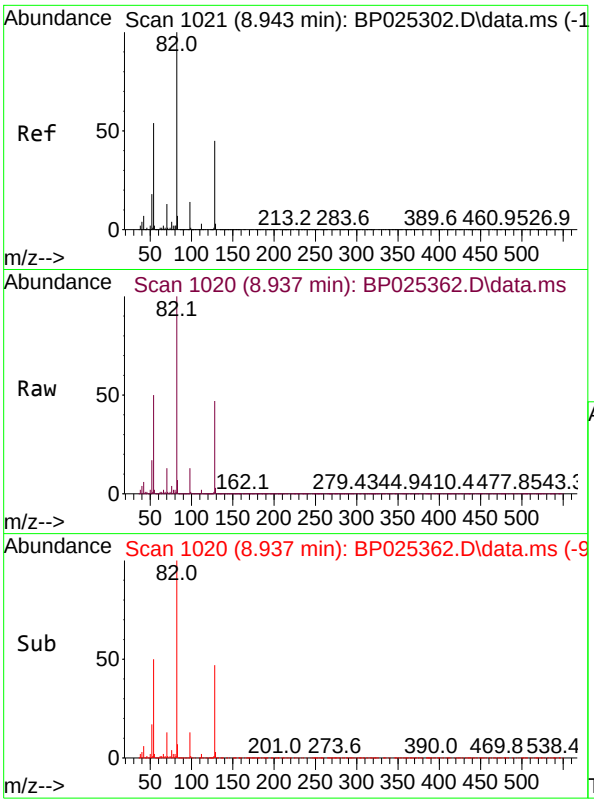


#22
Acetophenone
Concen: 43.491 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:105 Resp: 967849

Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.1	6.1#
51	24.8	22.7	34.1
120	24.0	18.3	27.5

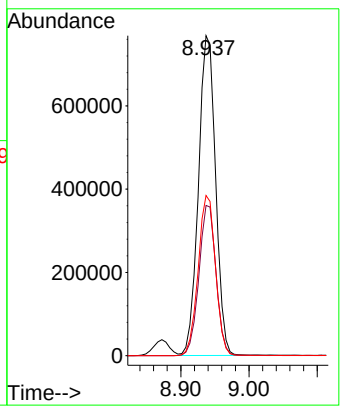




#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 82 Resp: 134572

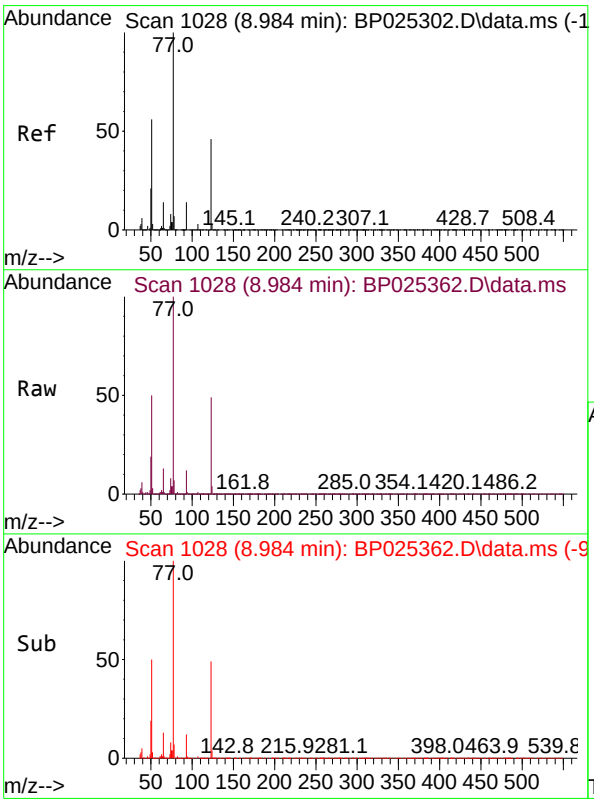
Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.4	53.2
54	50.1	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
PB169176BS

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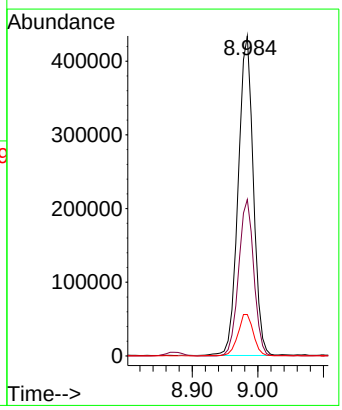
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

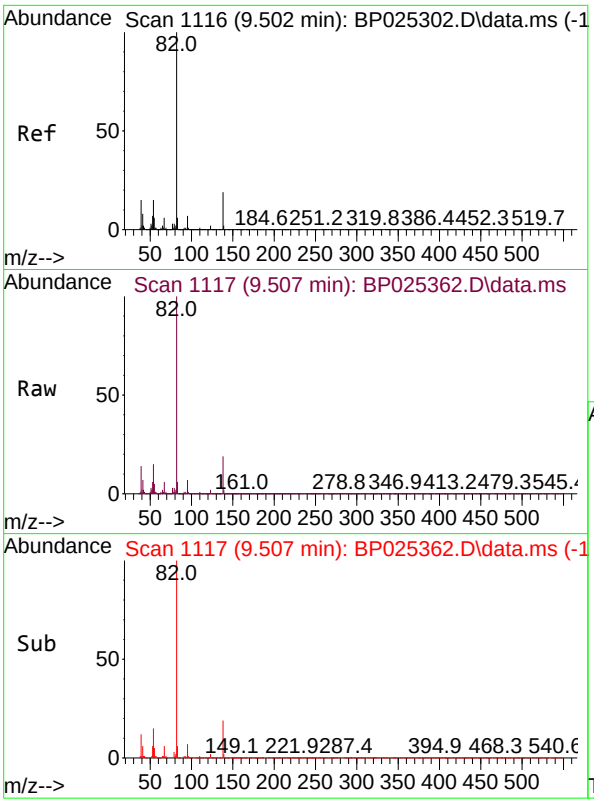


#24
Nitrobenzene
Concen: 46.020 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 77 Resp: 697056

Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.2
65	13.0	11.1	16.7

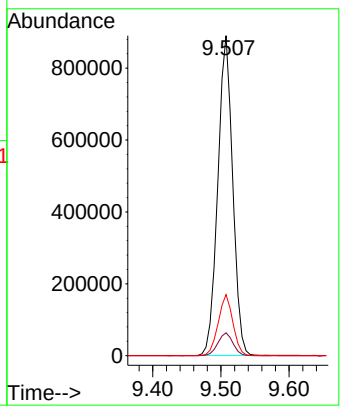




#25
Isophorone
Concen: 42.523 ng
RT: 9.507 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 82 Resp: 135440

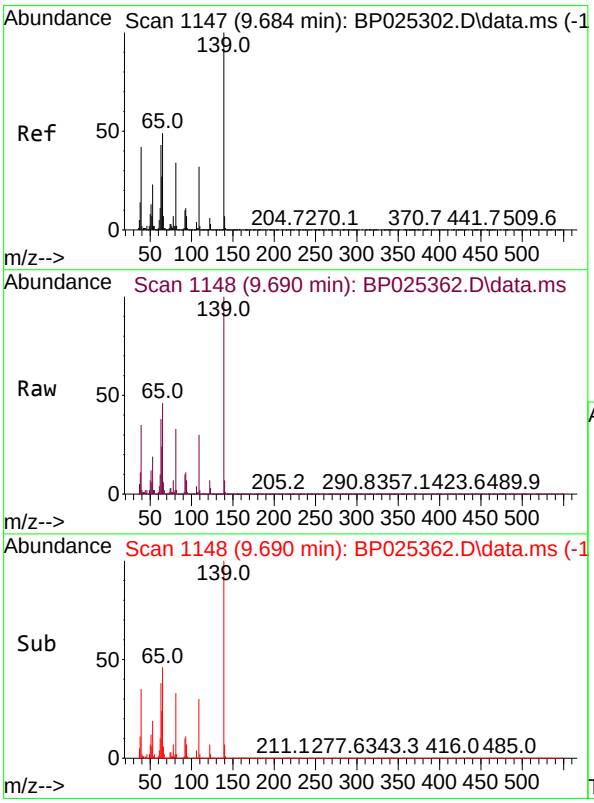
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.1	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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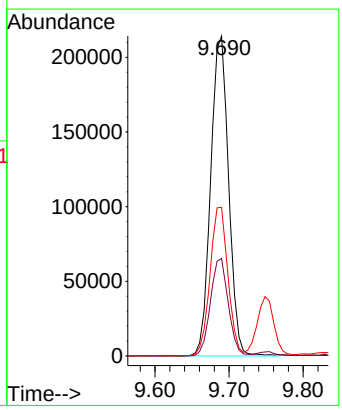
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

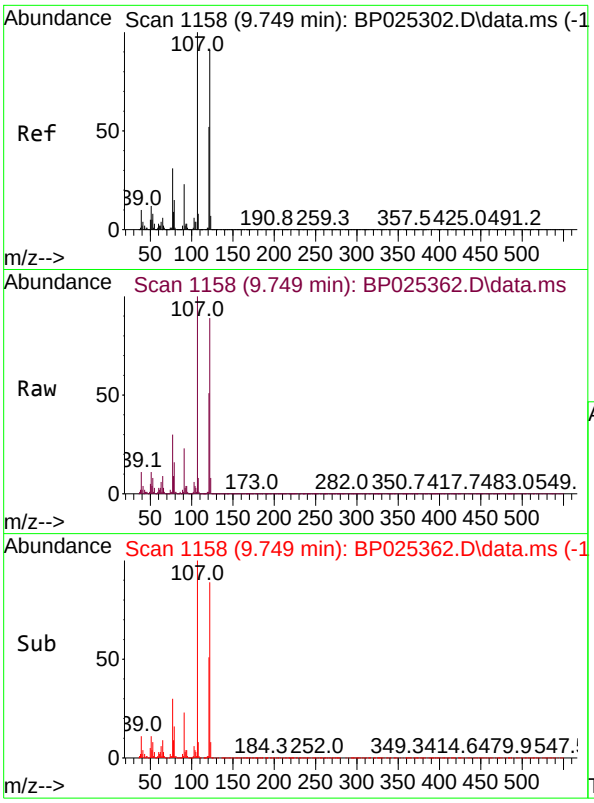


#26
2-Nitrophenol
Concen: 54.075 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:139 Resp: 360082

Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.2	37.8
65	46.4	39.6	59.4

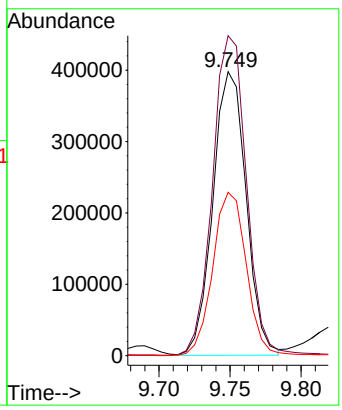




#27
2,4-Dimethylphenol
Concen: 44.050 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:122 Resp: 64685

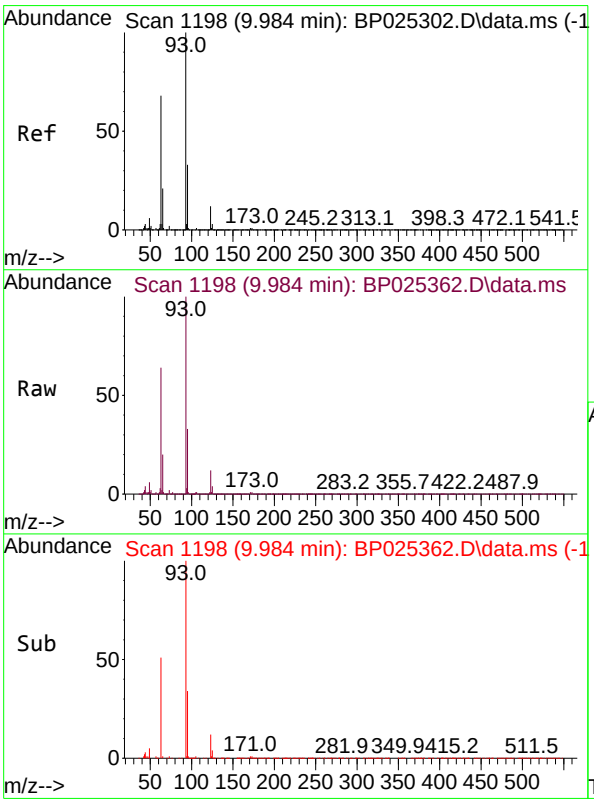
Ion	Ratio	Lower	Upper
122	100		
107	112.7	87.4	131.0
121	57.5	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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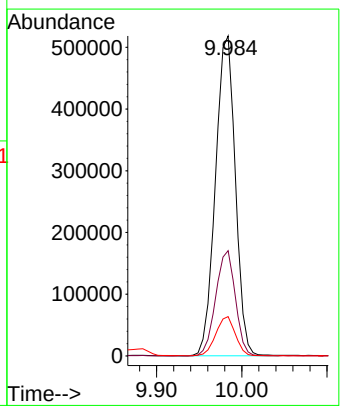
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

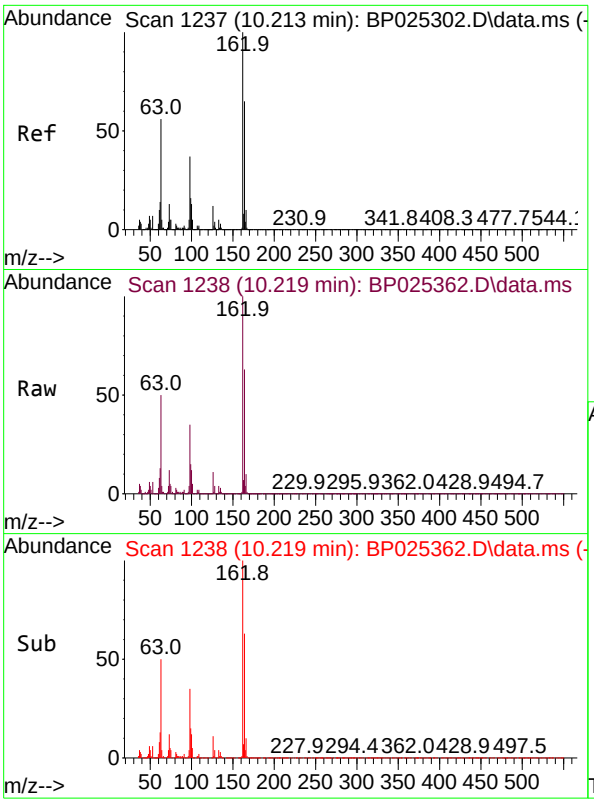


#28
bis(2-Chloroethoxy)methane
Concen: 43.441 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 93 Resp: 841710

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	12.3	9.4	14.2





#29
2,4-Dichlorophenol
Concen: 49.063 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

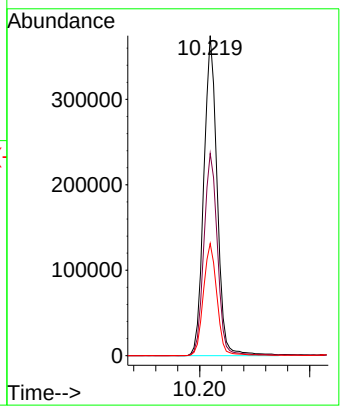
Tgt Ion:162 Resp: 63075

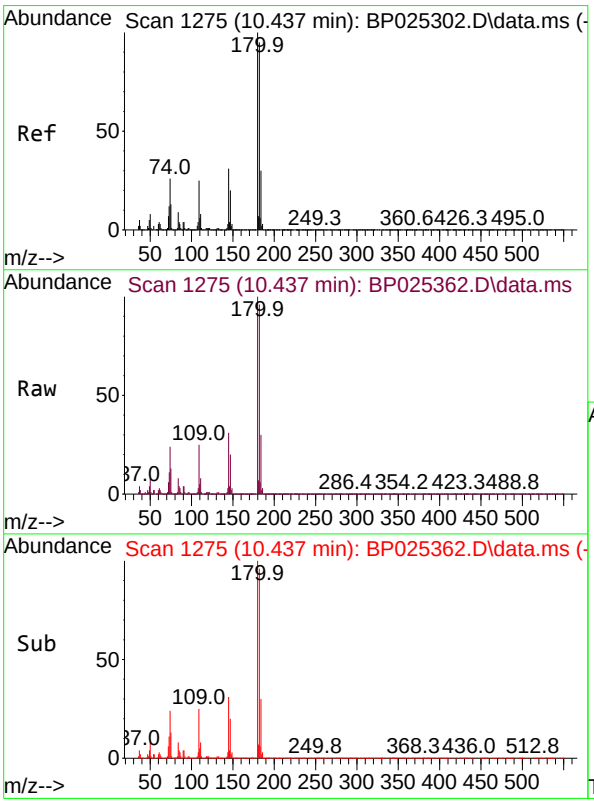
Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.2	85.2
98	35.1	17.5	57.5

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

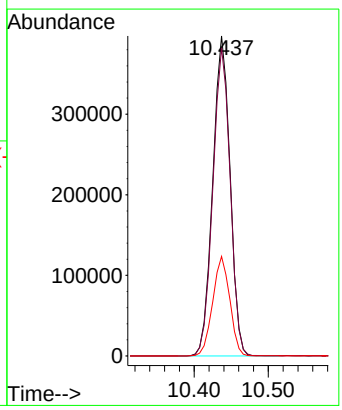


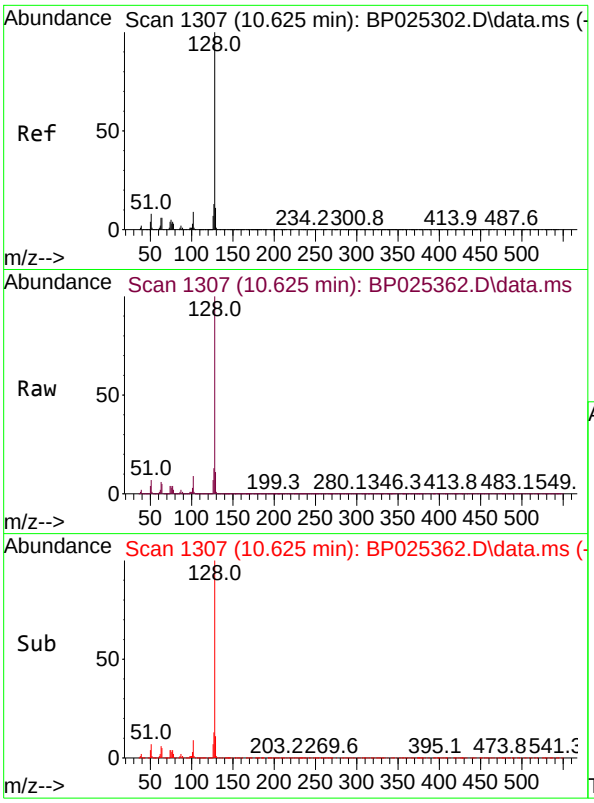


#30
1,2,4-Trichlorobenzene
Concen: 45.406 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:180 Resp: 644021

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.8
145	31.1	25.0	37.4

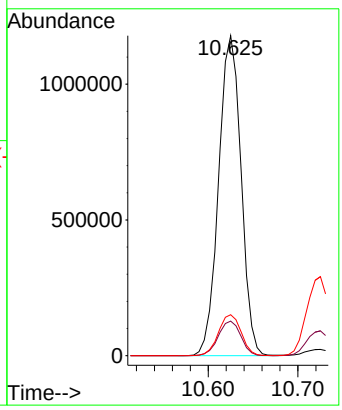




#31
Naphthalene
Concen: 44.474 ng
RT: 10.625 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:128 Resp: 204665

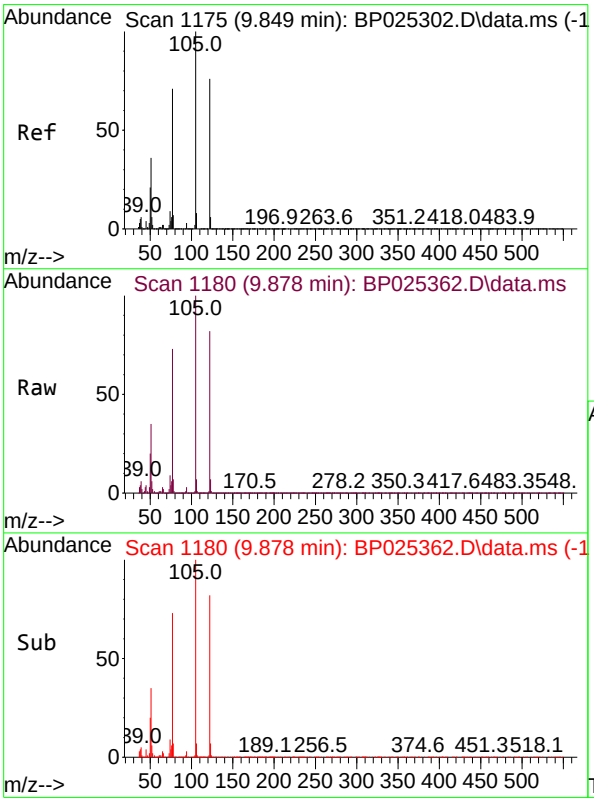
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.8	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

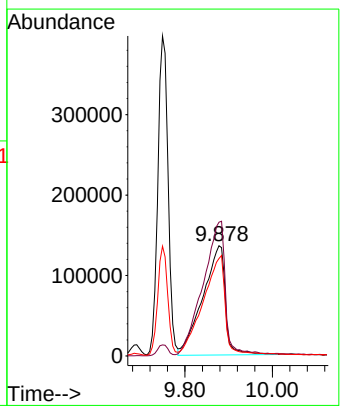
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

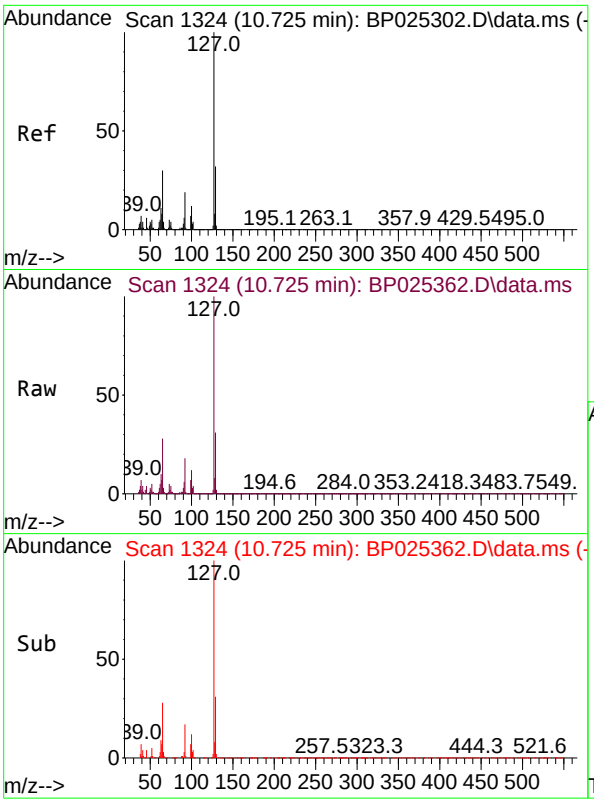


#32
Benzoic acid
Concen: 55.174 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.029 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:122 Resp: 490093

Ion	Ratio	Lower	Upper
122	100		
105	121.4	104.0	144.0
77	88.4	71.8	111.8

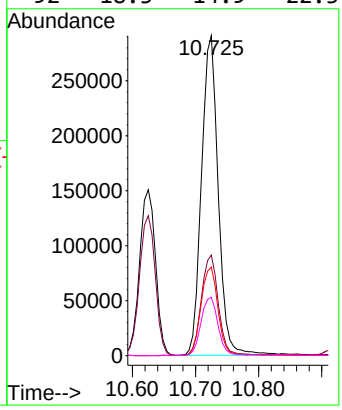




#33
4-Chloroaniline
Concen: 26.243 ng
RT: 10.725 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:127 Resp: 53712

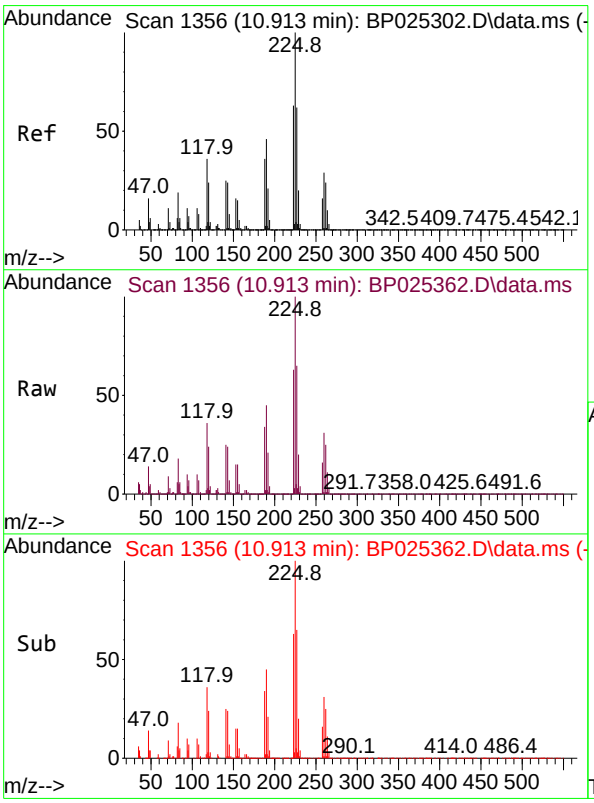
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	27.7	23.6	35.4
92	18.3	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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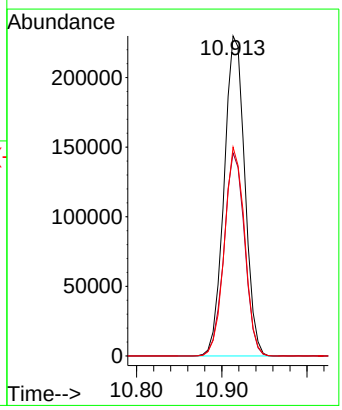
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

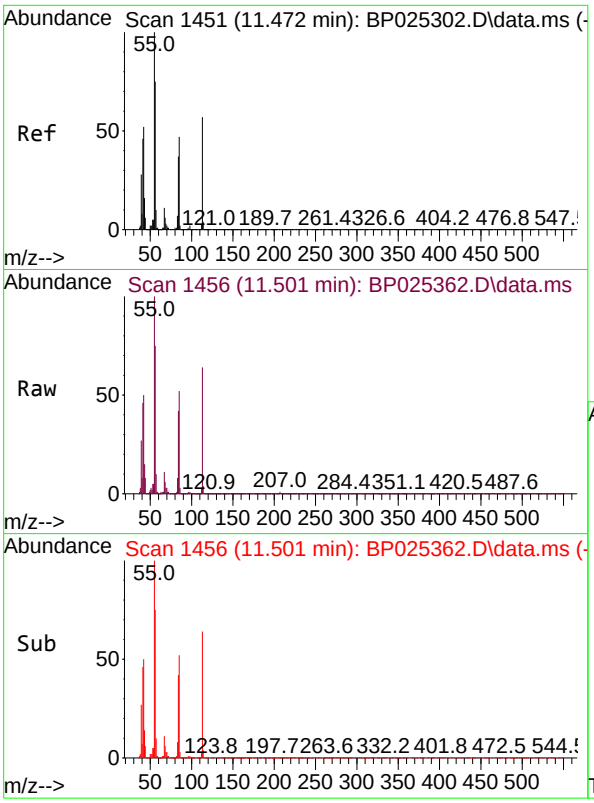


#34
Hexachlorobutadiene
Concen: 47.623 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:225 Resp: 387739

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	65.3	49.7	74.5





#35
Caprolactam
Concen: 47.314 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

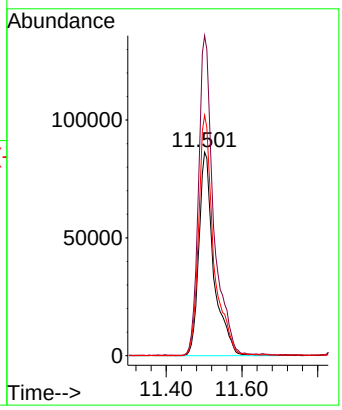
Tgt Ion:113 Resp: 23597

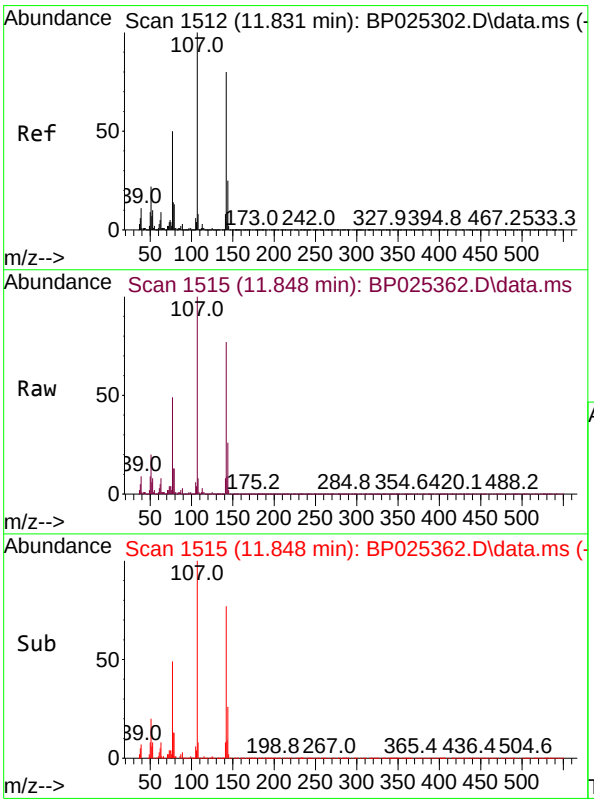
Ion	Ratio	Lower	Upper
113	100		
55	157.3	154.4	194.4
56	118.2	110.9	150.9

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

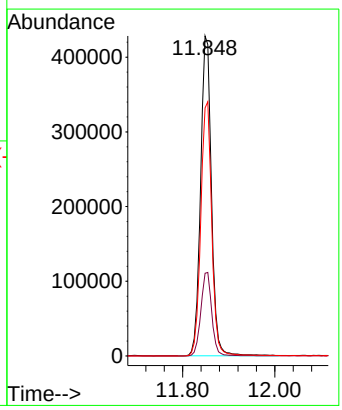


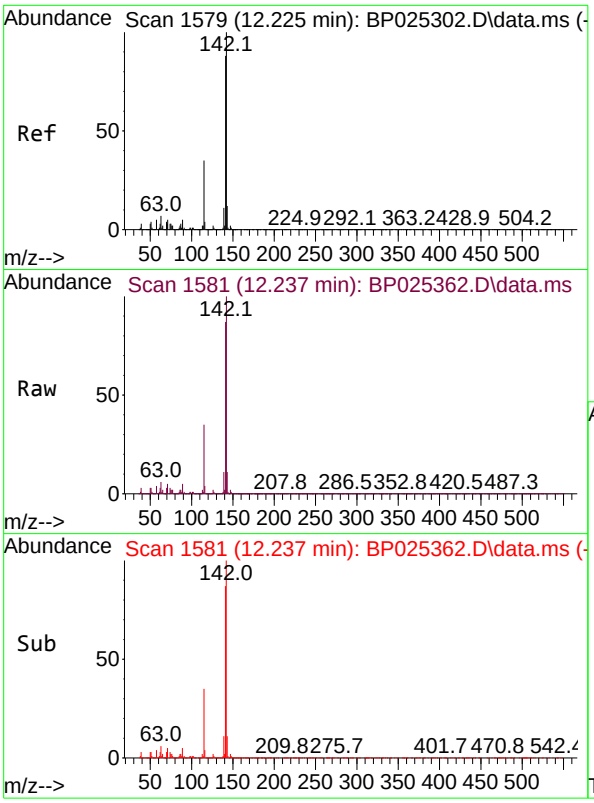


#36
4-Chloro-3-methylphenol
Concen: 47.423 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:107 Resp: 705454

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.4	30.6
142	77.5	63.7	95.5

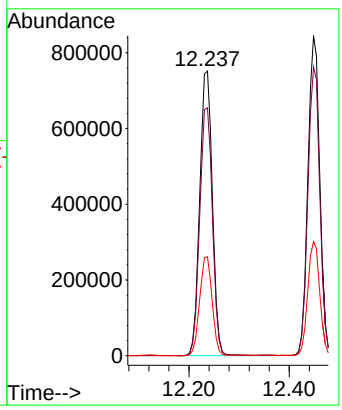




#37
2-Methylnaphthalene
Concen: 44.155 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:142 Resp: 131522

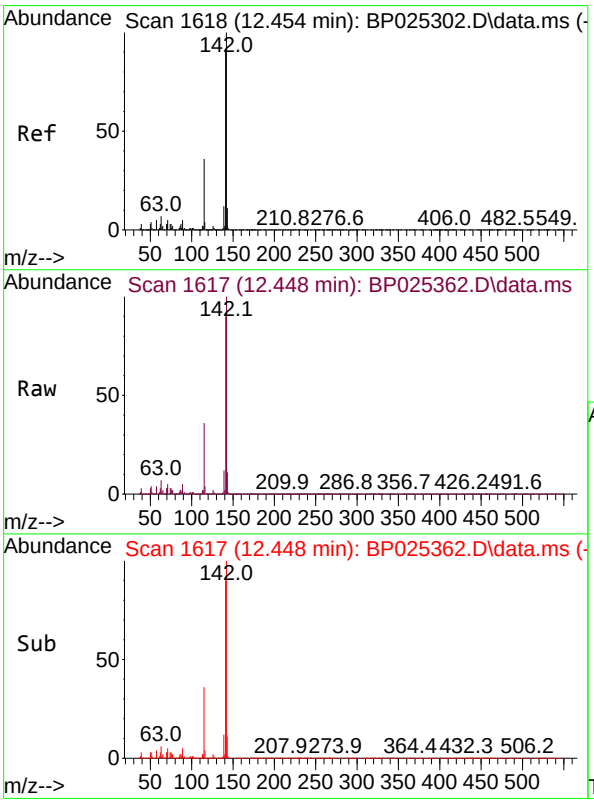
Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.4	105.6
115	34.7	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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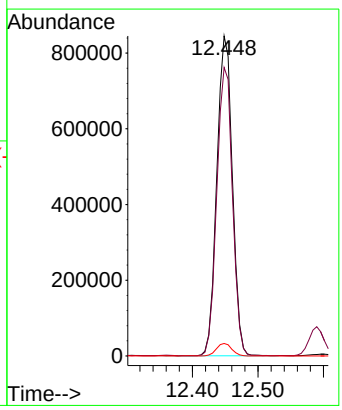
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

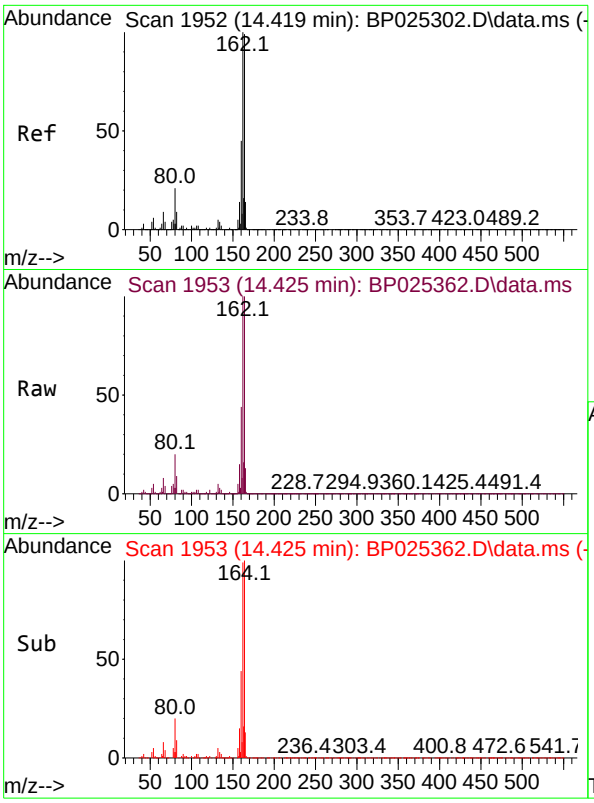


#38
1-Methylnaphthalene
Concen: 44.455 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:142 Resp: 1381648

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.0	109.6
116	3.9	3.0	4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

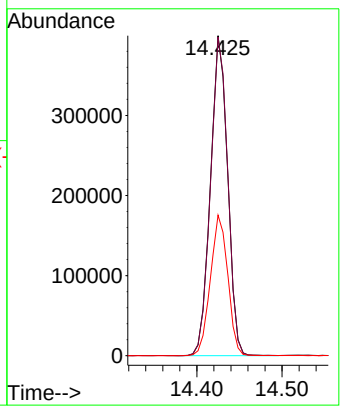
Instrument :
BNA_P
ClientSampleId :
PB169176BS

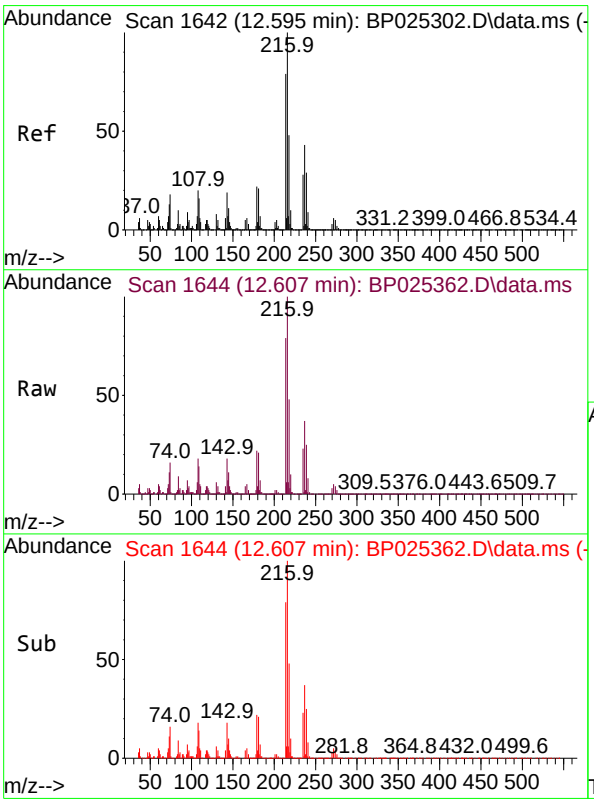
Tgt Ion:164 Resp: 55993

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.9	35.9	53.9

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

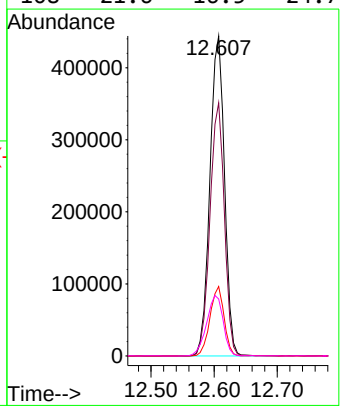


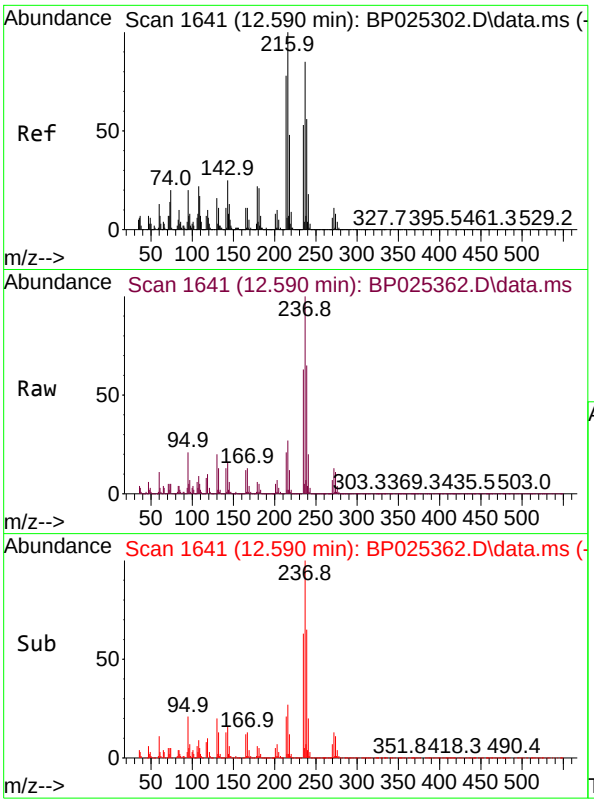


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.607 ng
RT: 12.607 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:216 Resp: 712479

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	21.1	17.5	26.3
108	21.6	16.5	24.7

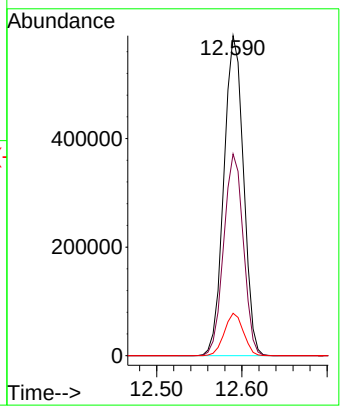




#41
Hexachlorocyclopentadiene
Concen: 100.155 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:237 Resp: 94496

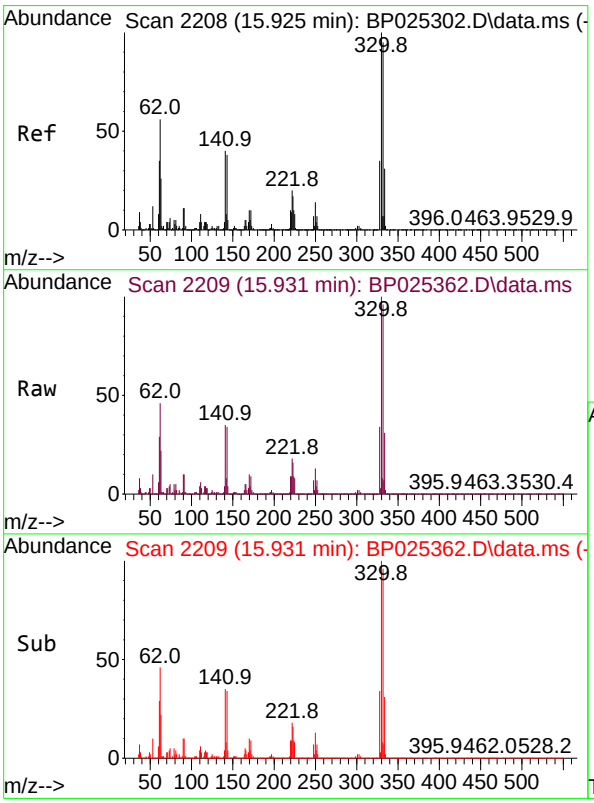
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	13.3	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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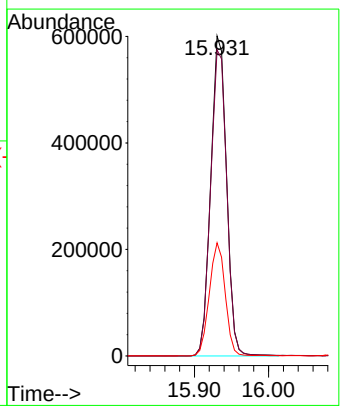
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

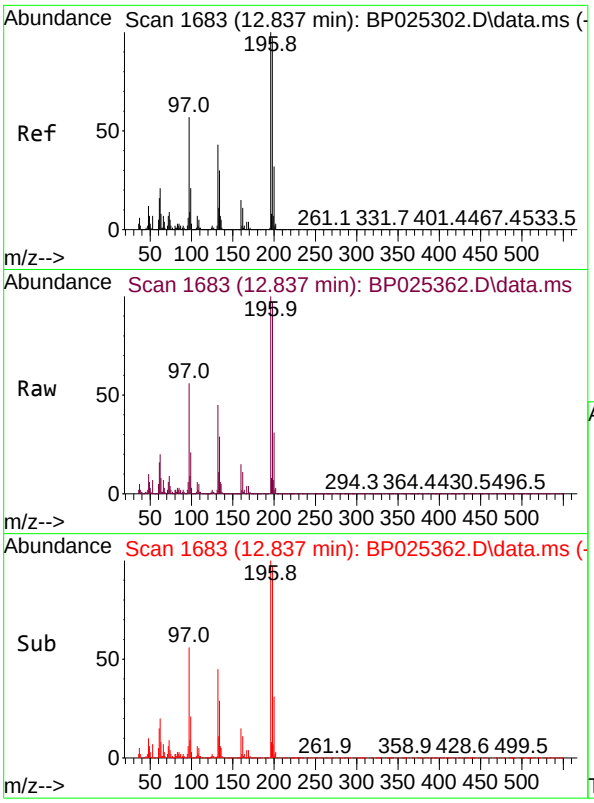


#42
2,4,6-Tribromophenol
Concen: 159.318 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:330 Resp: 889948

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	35.4	31.7	47.5

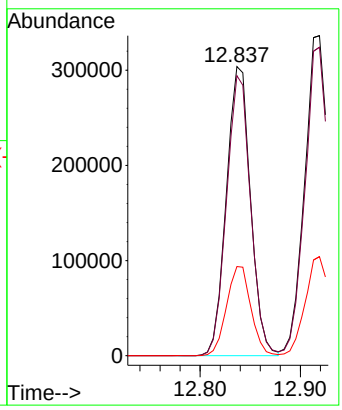




#43
2,4,6-Trichlorophenol
Concen: 51.646 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:196 Resp: 51001

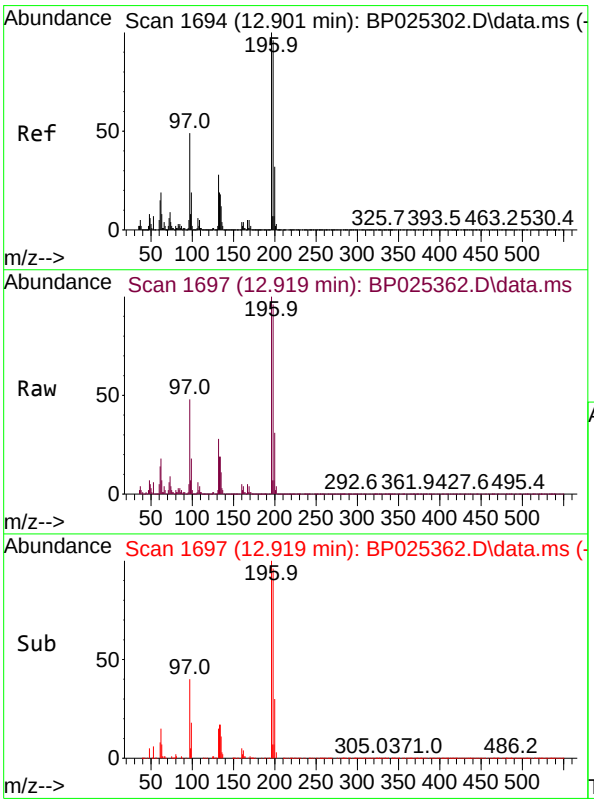
Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
200	30.8	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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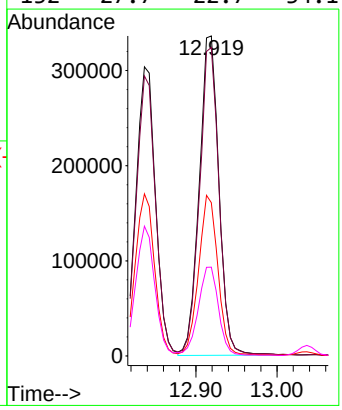
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

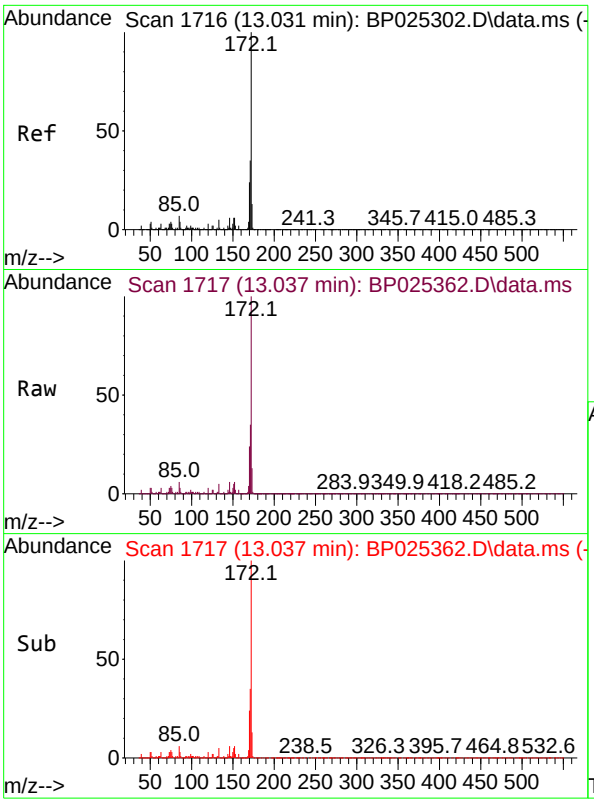


#44
2,4,5-Trichlorophenol
Concen: 51.035 ng
RT: 12.919 min Scan# 1697
Delta R.T. 0.018 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:196 Resp: 565361

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	114.8
97	47.9	39.5	59.3
132	27.7	22.7	34.1

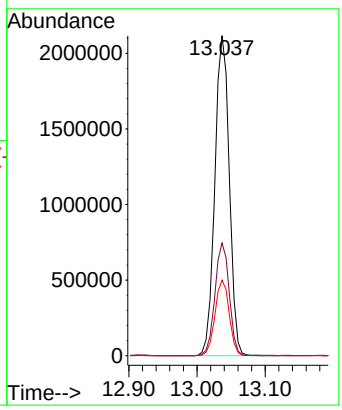




#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:172 Resp: 312027

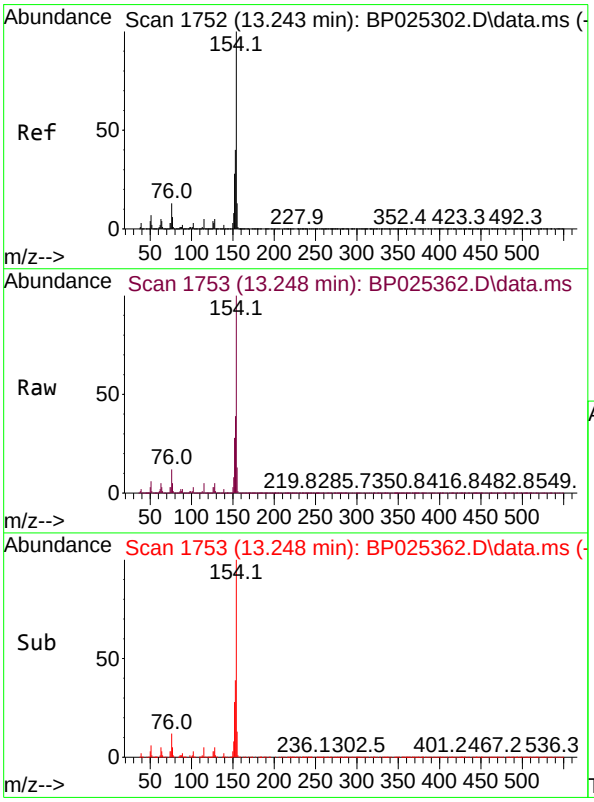
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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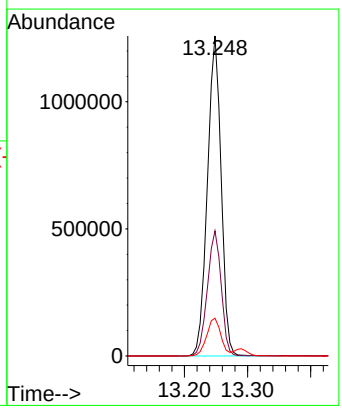
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

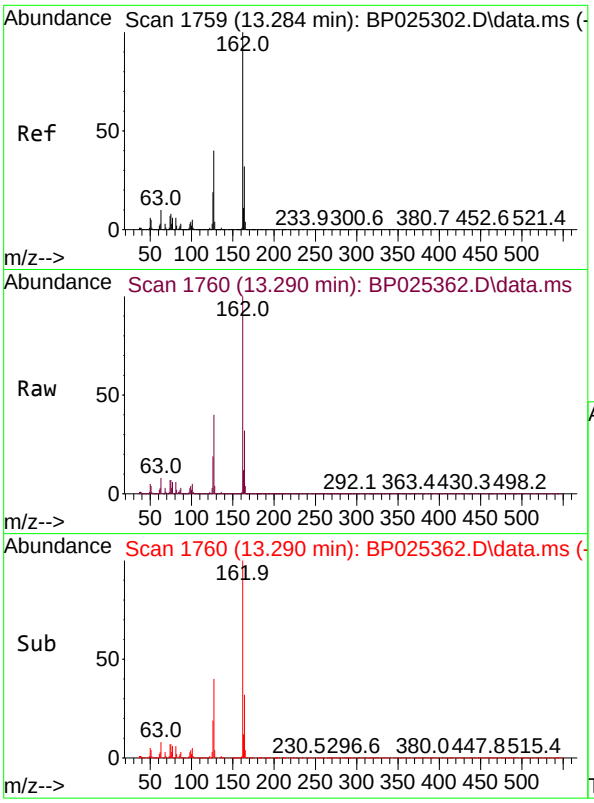


#46
1,1'-Biphenyl
Concen: 45.928 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:154 Resp: 1895189

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.9	59.9
76	11.8	0.0	33.2

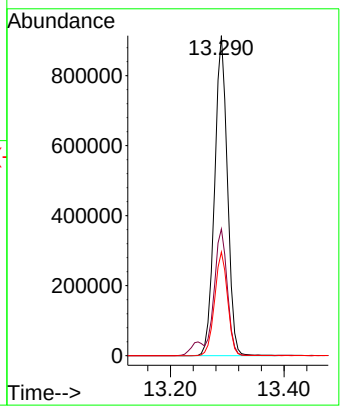




#47
2-Chloronaphthalene
Concen: 45.280 ng
RT: 13.290 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:162 Resp: 142547

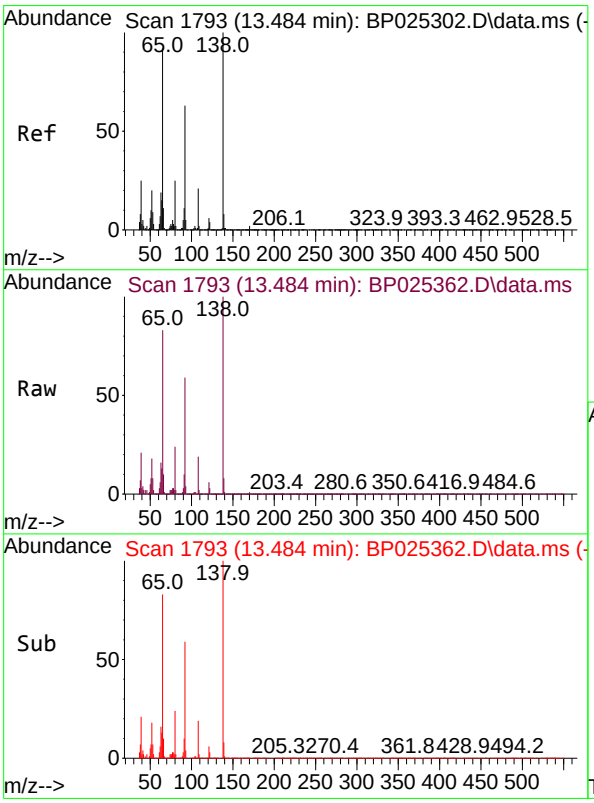
Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.2
164	32.4	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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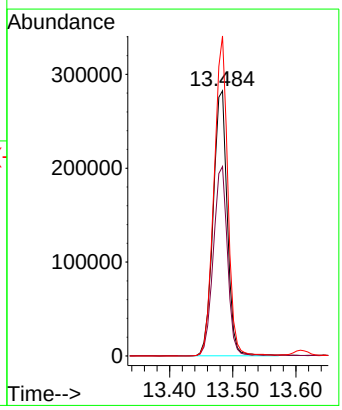
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

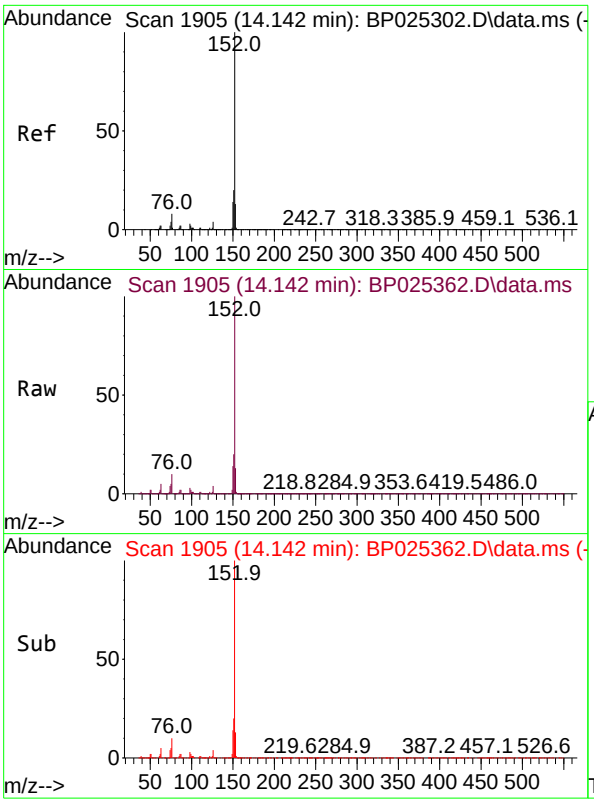


#48
2-Nitroaniline
Concen: 47.666 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 65 Resp: 439377

Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.4	81.6
138	120.7	87.0	130.4





#49
Acenaphthylene
Concen: 45.800 ng
RT: 14.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

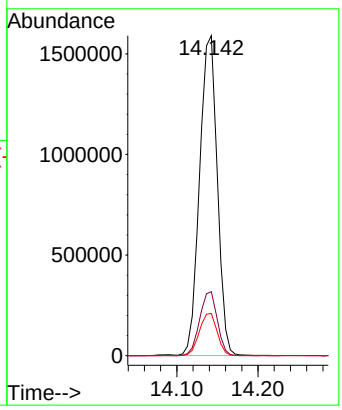
Instrument :
BNA_P
ClientSampleId :
PB169176BS

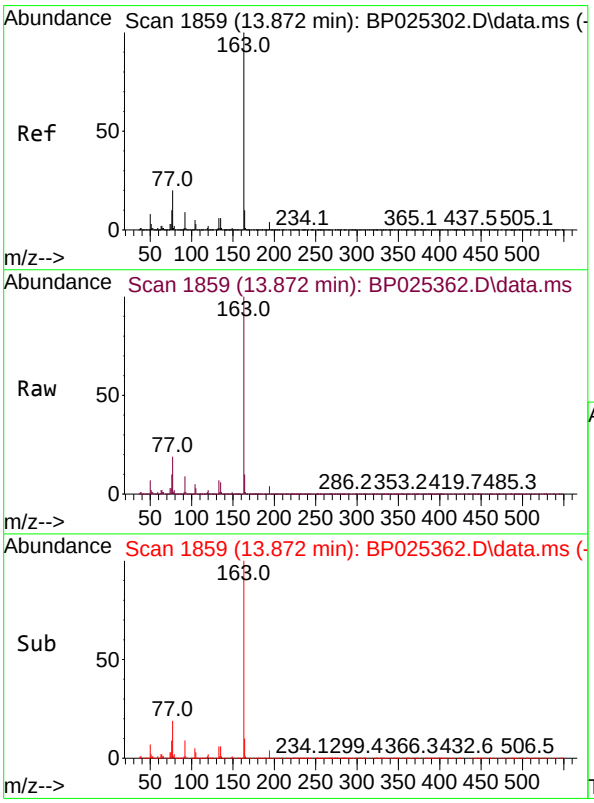
Tgt Ion:152 Resp: 240507

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.2	10.4	15.6

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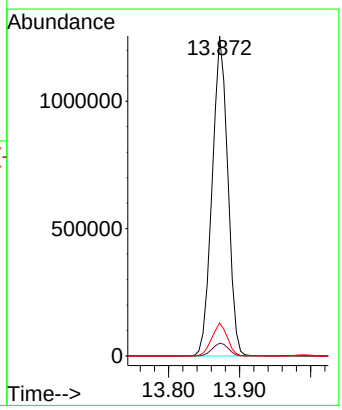


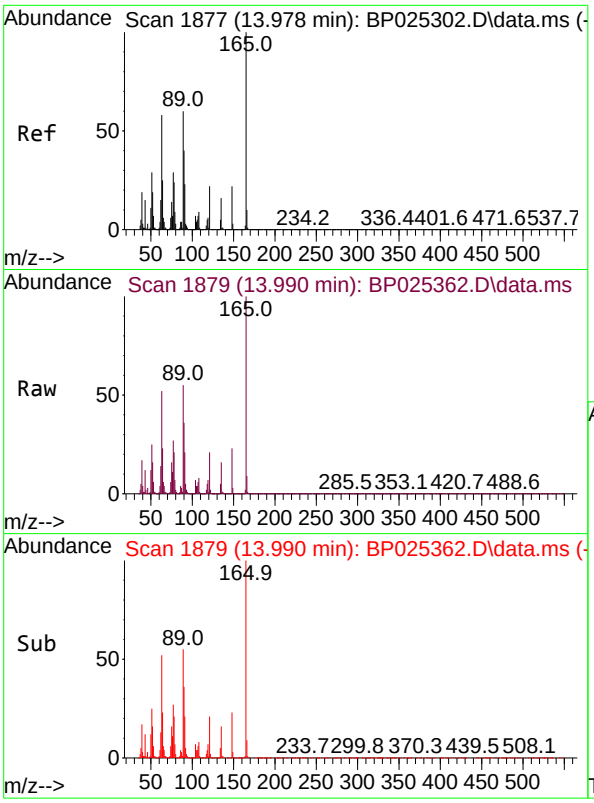


#50
Dimethylphthalate
Concen: 46.921 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:163 Resp: 1915246

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 54.988 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

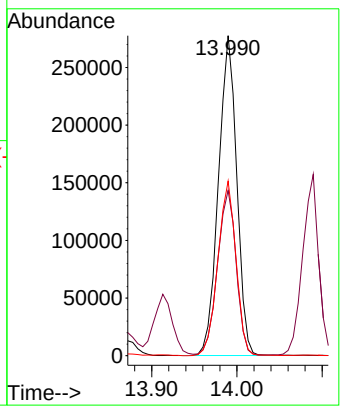
Tgt Ion:165 Resp: 41401

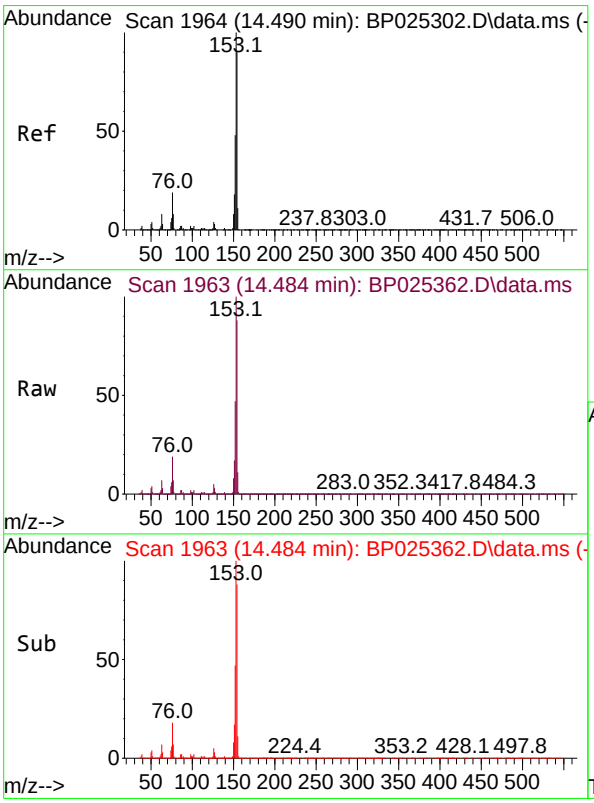
Ion	Ratio	Lower	Upper
165	100		
63	51.7	47.6	71.4
89	54.6	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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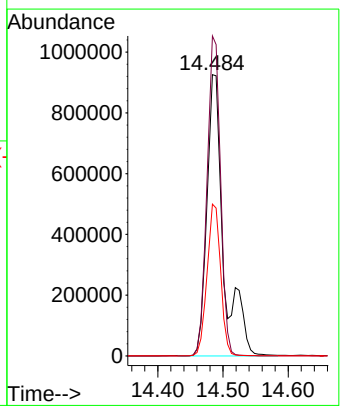


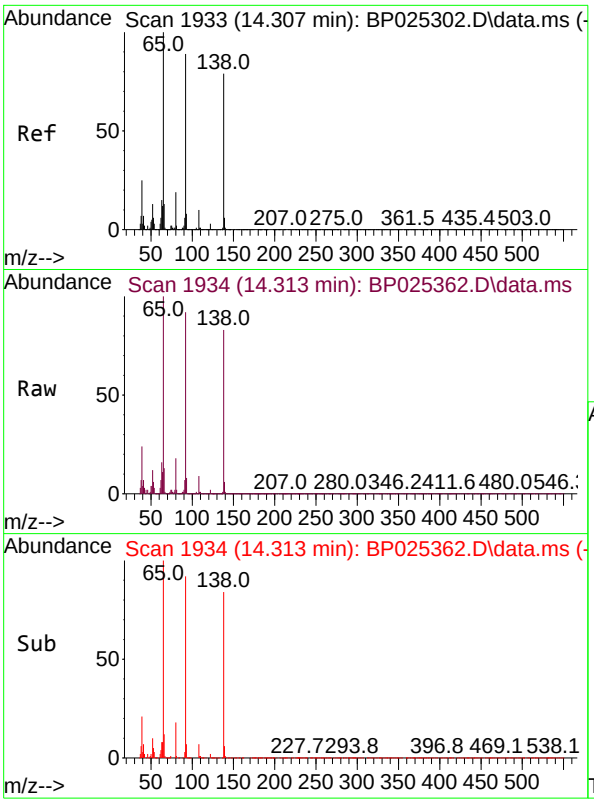


#52
Acenaphthene
Concen: 52.039 ng m
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:154 Resp: 1666870

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.4	134.0
152	54.0	43.0	64.6





#53
3-Nitroaniline
Concen: 38.541 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

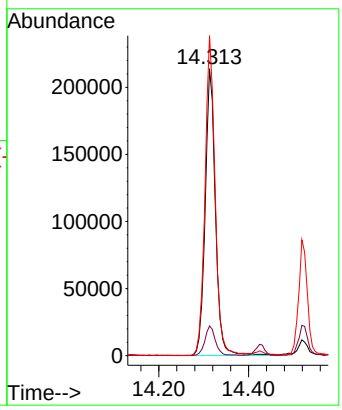
Tgt Ion:138 Resp: 33955

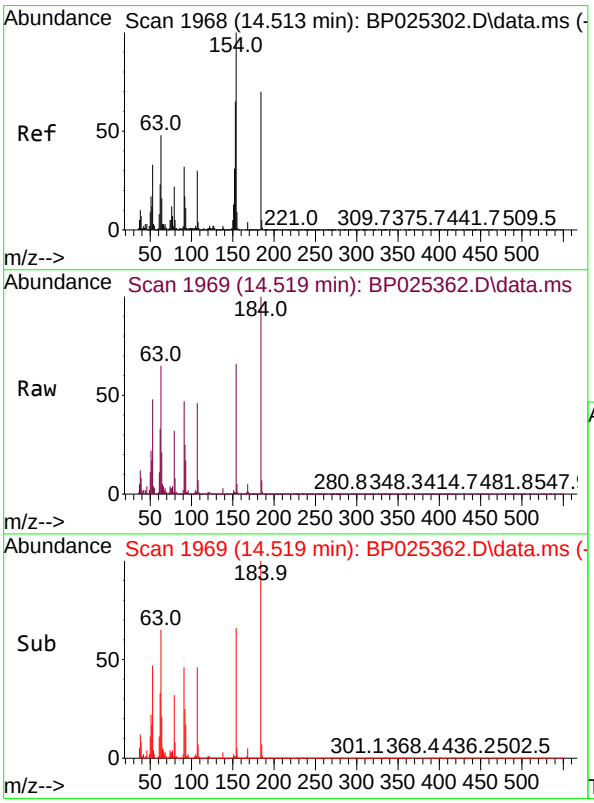
Ion	Ratio	Lower	Upper
138	100		
108	10.4	10.5	15.7#
92	111.5	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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Supervised By :Jagrut Upadhyay 08/13/2025

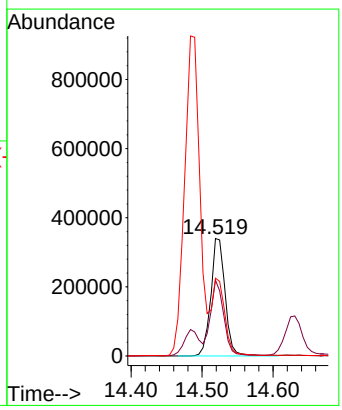


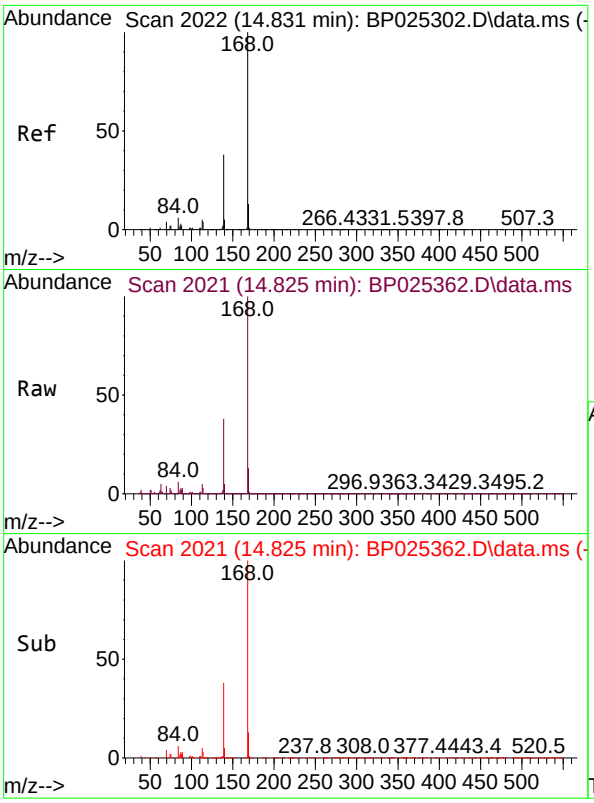


#54
2,4-Dinitrophenol
Concen: 99.036 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:184 Resp: 477041

Ion	Ratio	Lower	Upper
184	100		
63	64.7	56.3	84.5
154	66.2	124.5	186.7#

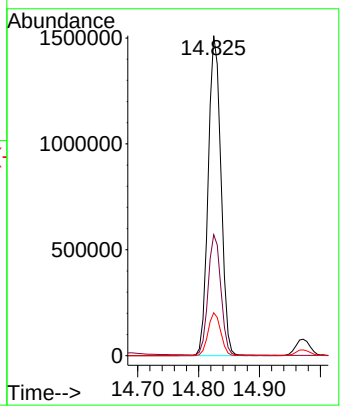




#55
Dibenzofuran
Concen: 45.876 ng
RT: 14.825 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:168 Resp: 219590

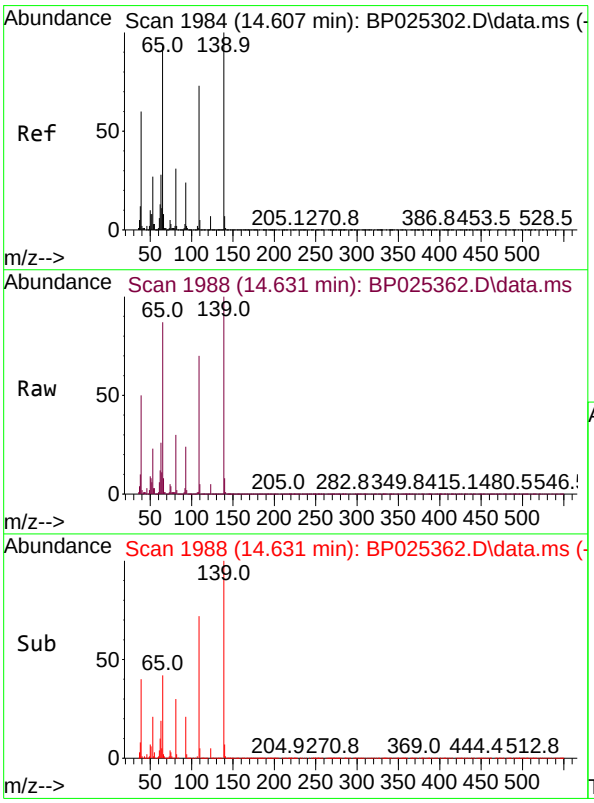
Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	13.4	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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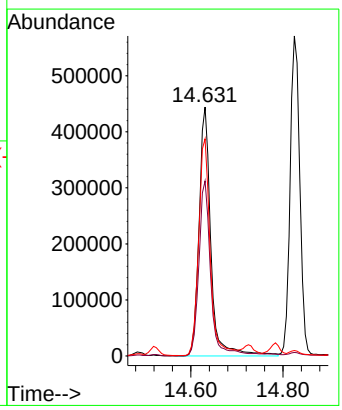
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

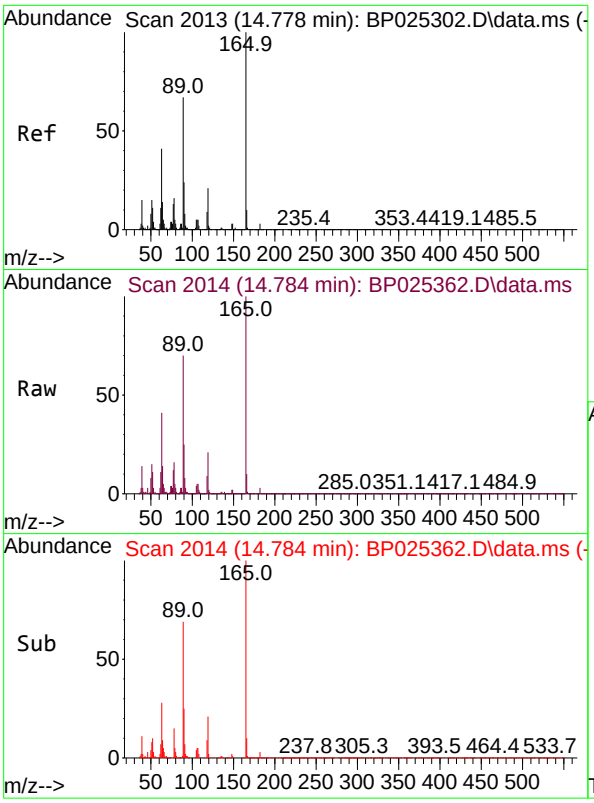


#56
4-Nitrophenol
Concen: 102.178 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:139 Resp: 794482

Ion	Ratio	Lower	Upper
139	100		
109	70.3	52.7	92.7
65	87.2	73.4	113.4

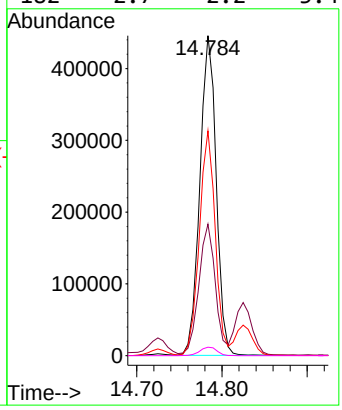




#57
2,4-Dinitrotoluene
Concen: 50.560 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:165 Resp: 59227

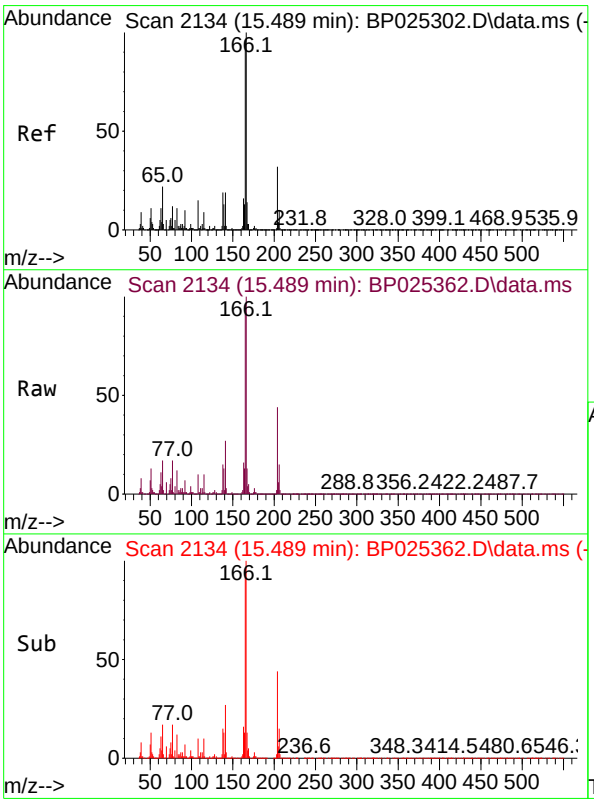
Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.2	49.8
89	70.3	53.5	80.3
182	2.7	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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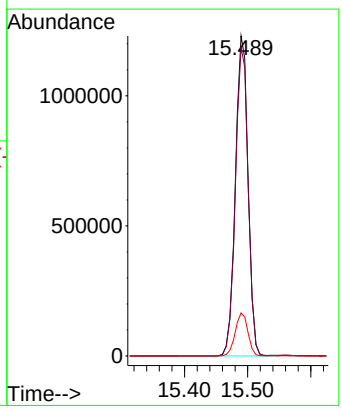
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

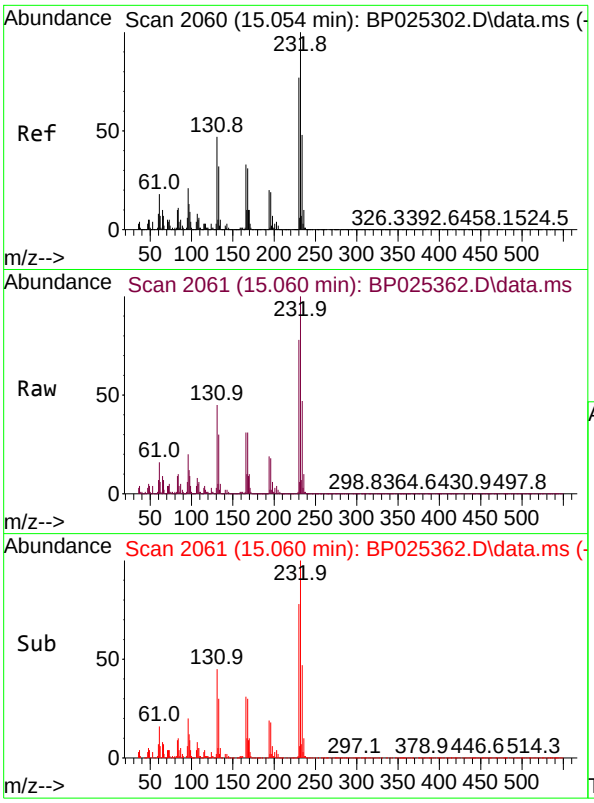


#58
Fluorene
Concen: 45.578 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:166 Resp: 1713488

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.5	10.9	16.3

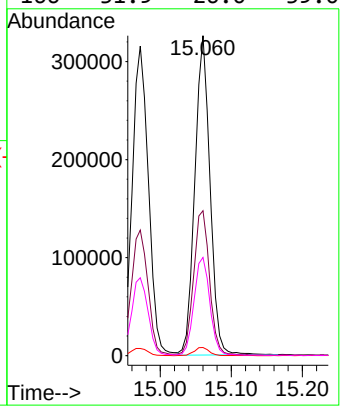




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.498 ng
RT: 15.060 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:232 Resp: 48580

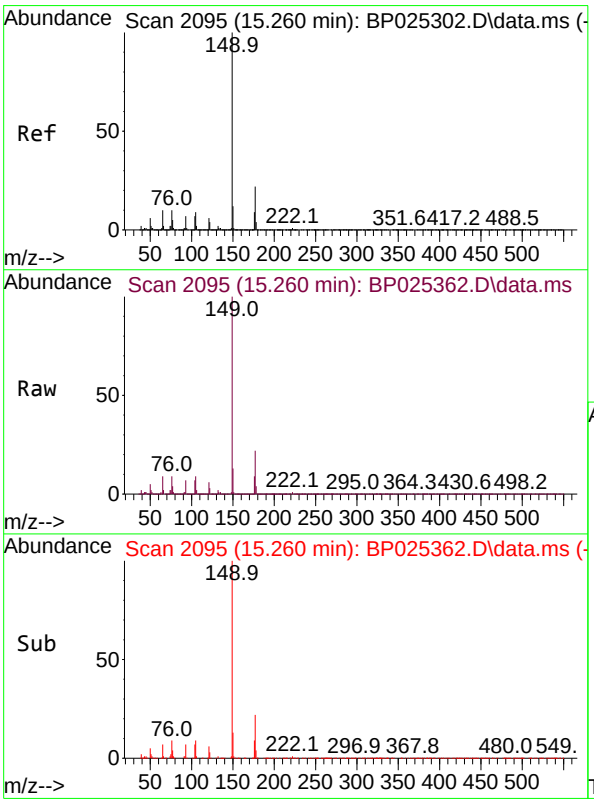
Ion	Ratio	Lower	Upper
232	100		
131	47.3	39.3	58.9
130	2.5	2.2	3.2
166	31.9	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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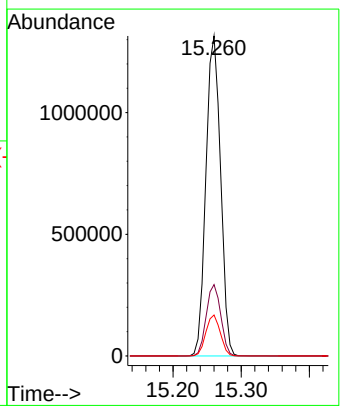
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

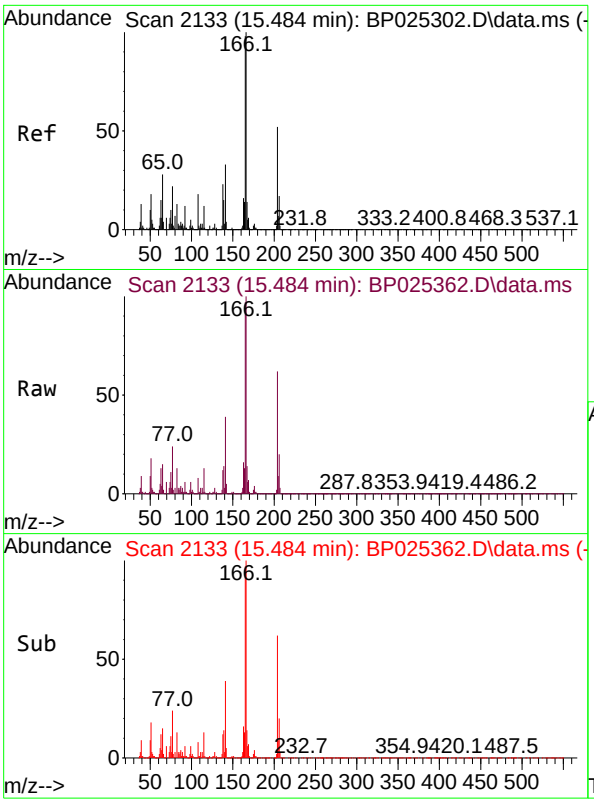


#60
Diethylphthalate
Concen: 47.748 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 1964959

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.8	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 46.981 ng
RT: 15.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

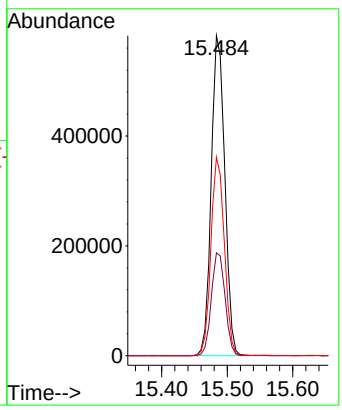
Instrument :
BNA_P
ClientSampleId :
PB169176BS

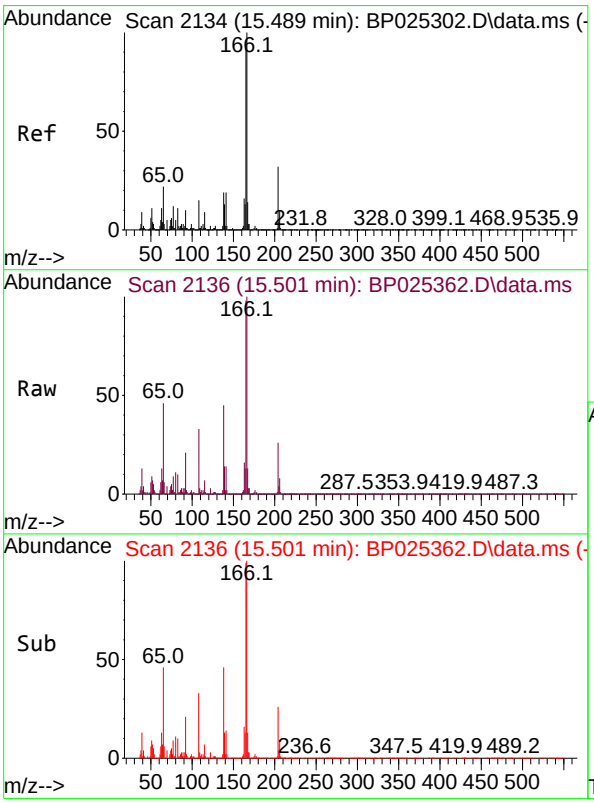
Tgt Ion:204 Resp: 83733

Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.0	40.4
141	62.1	50.3	75.5

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

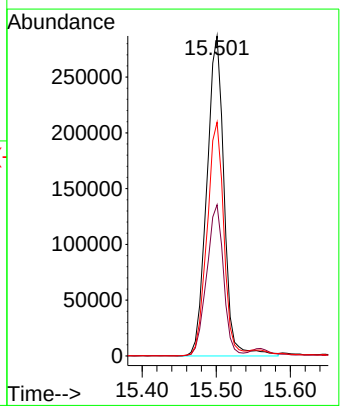


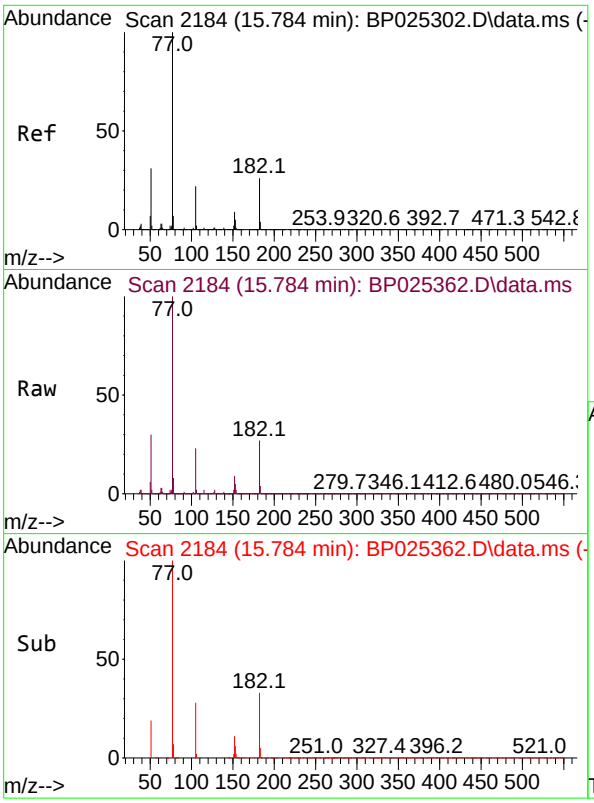


#62
4-Nitroaniline
Concen: 53.009 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:138 Resp: 462742

Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.8	69.8
108	73.1	56.6	96.6

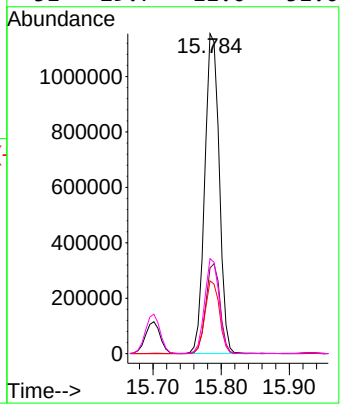




#63
Azobenzene
Concen: 44.490 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion: 77 Resp: 170086

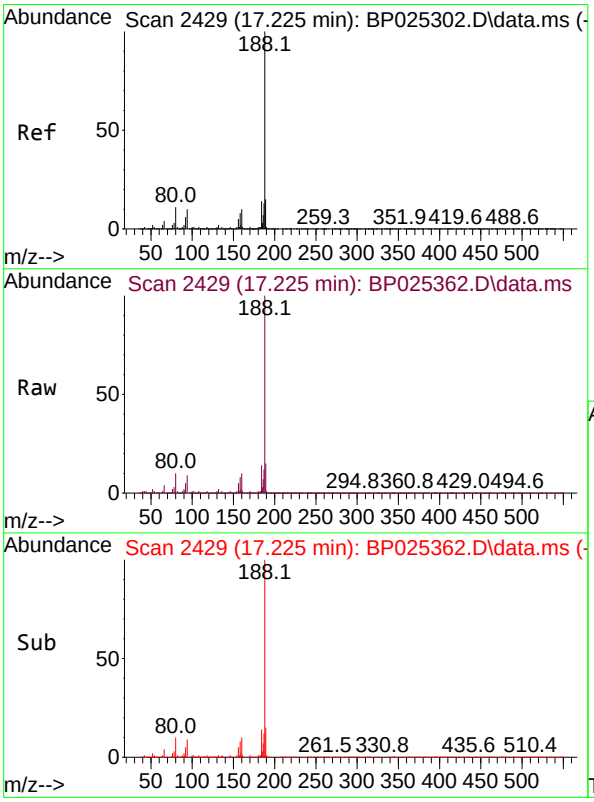
Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.0	46.0
105	22.8	2.1	42.1
51	29.7	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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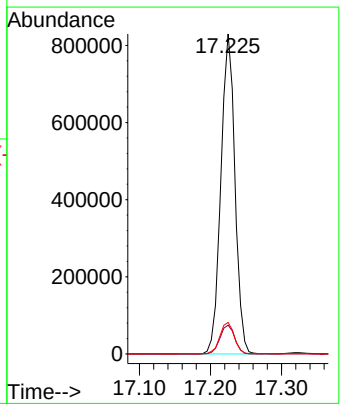
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

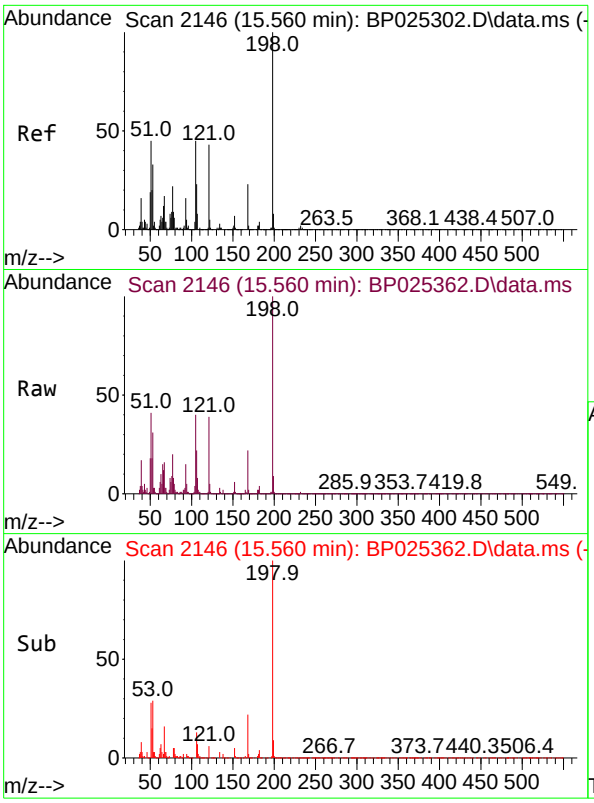


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:188 Resp: 1136515

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.9	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 60.351 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

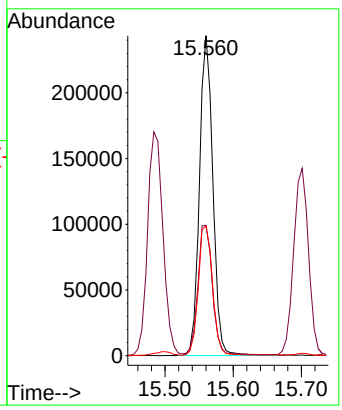
Tgt Ion:198 Resp: 33290

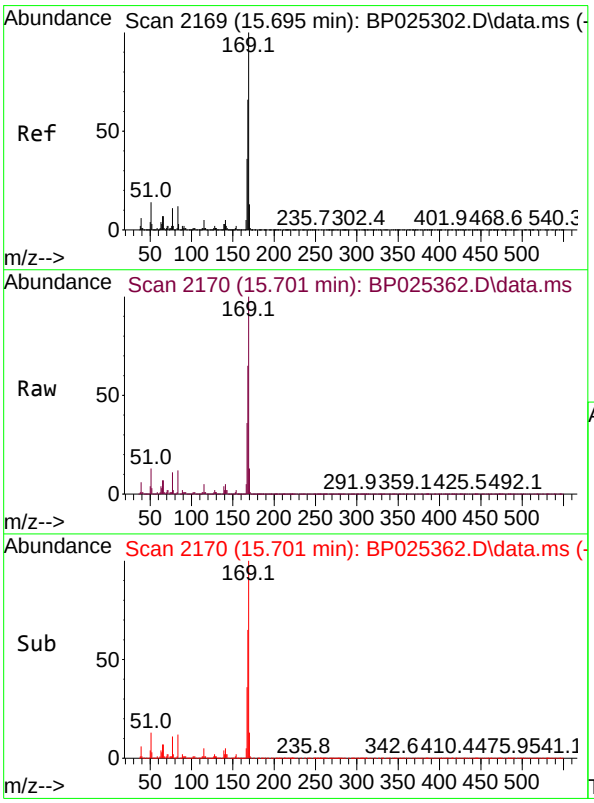
Ion	Ratio	Lower	Upper
198	100		
51	40.7	26.7	66.7
105	40.4	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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Reviewed By :Rahul Chavli 08/13/2025
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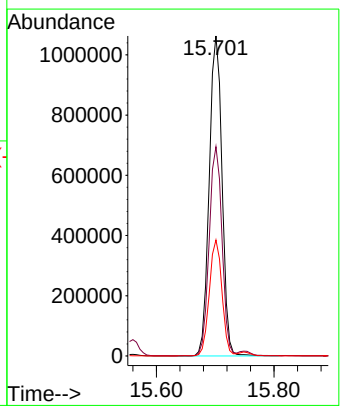


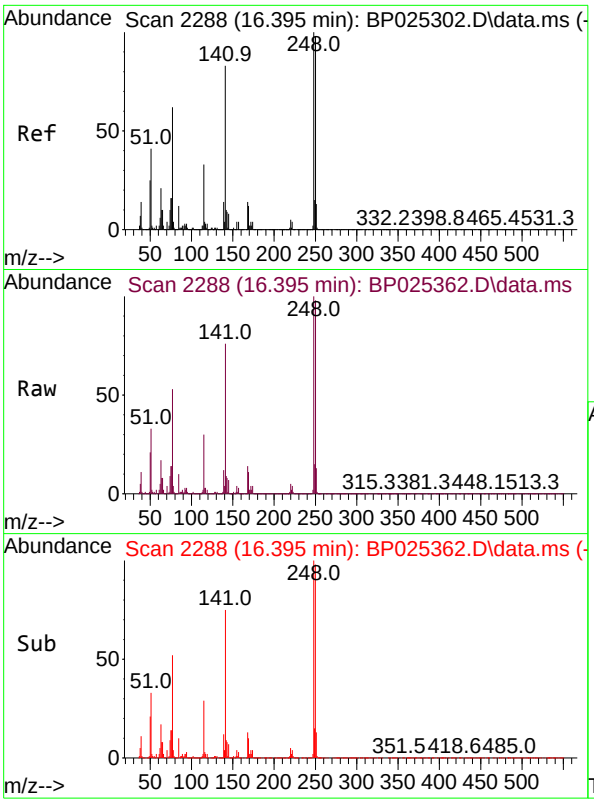


#66
n-Nitrosodiphenylamine
Concen: 46.461 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:169 Resp: 1607766

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	36.2	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 48.125 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

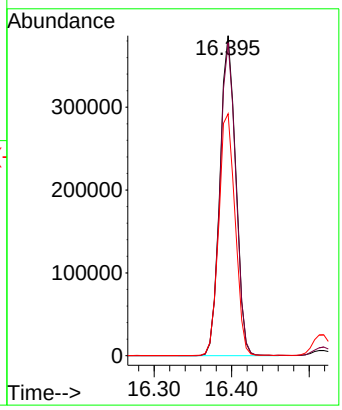
Tgt Ion:248 Resp: 55032

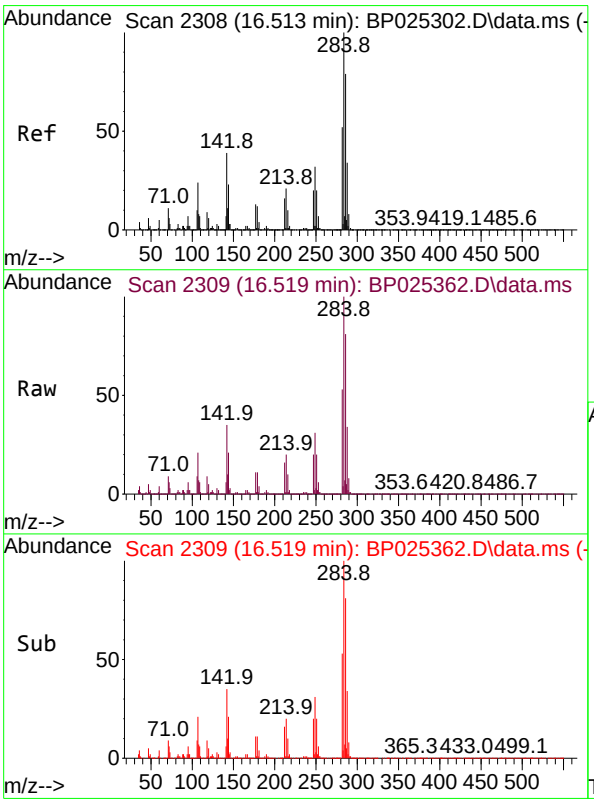
Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	117.8
141	75.6	66.6	99.8

Instrument :
BNA_P
ClientSampleId :
PB169176BS

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Supervised By :Jagrut Upadhyay 08/13/2025

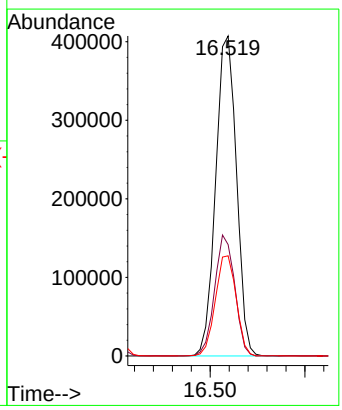


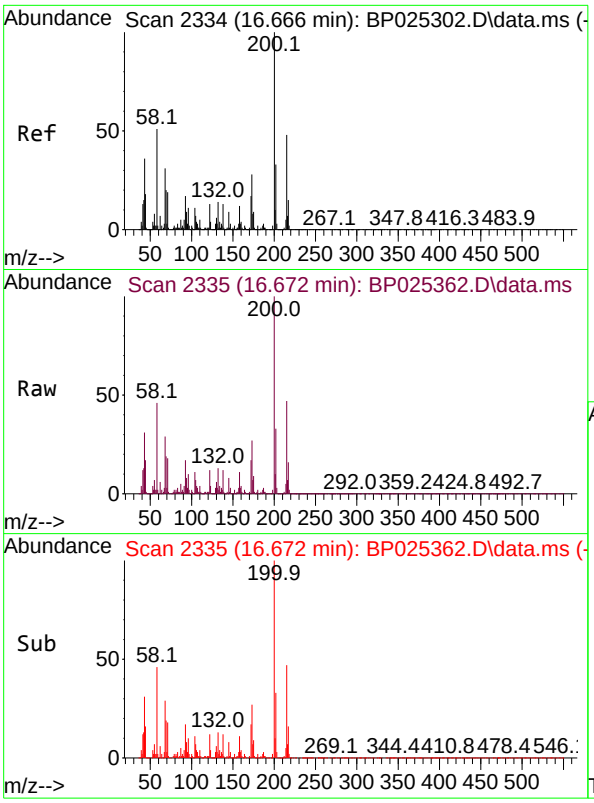


#68
Hexachlorobenzene
Concen: 48.382 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:284 Resp: 620802

Ion	Ratio	Lower	Upper
284	100		
142	34.8	30.8	46.2
249	31.3	25.4	38.0

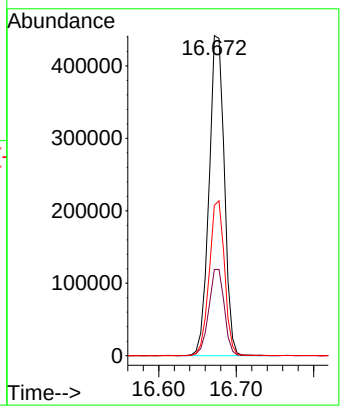




#69
Atrazine
Concen: 49.832 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:200 Resp: 60643

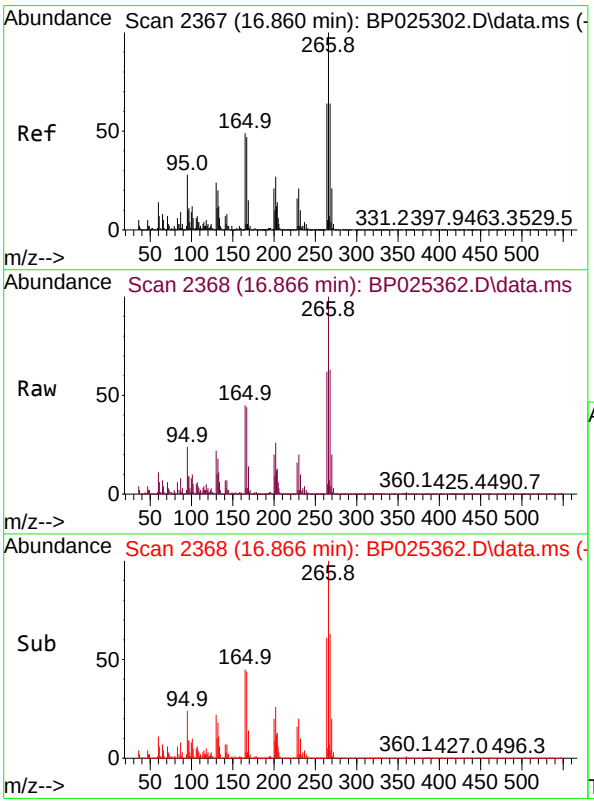
Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.2	48.2
215	47.0	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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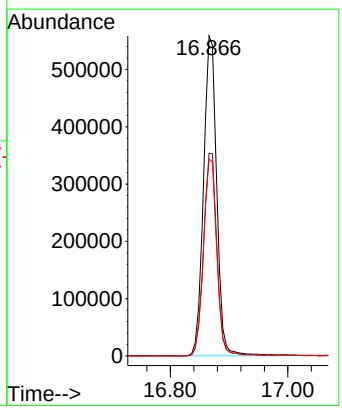
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

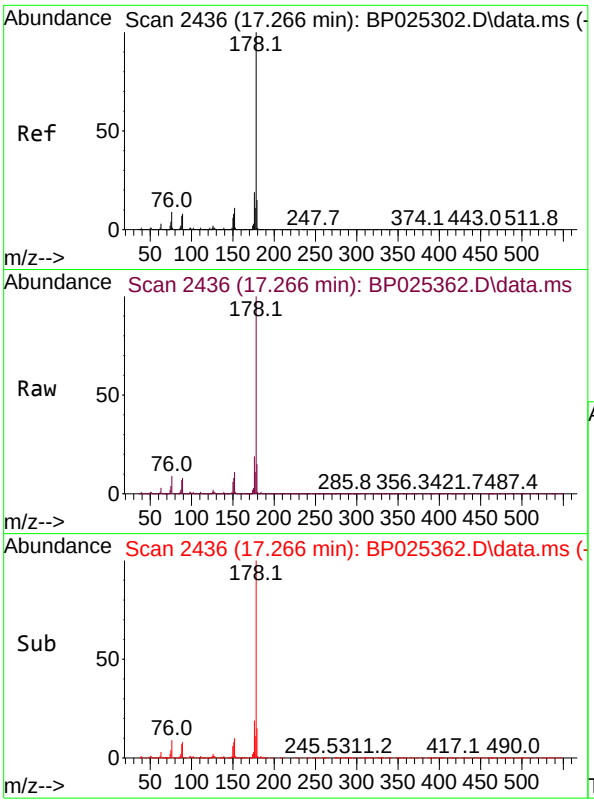


#70
Pentachlorophenol
Concen: 106.481 ng
RT: 16.866 min Scan# 2368
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:266 Resp: 870458

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.0
264	61.5	51.1	76.7





#71
Phenanthrene
Concen: 46.406 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

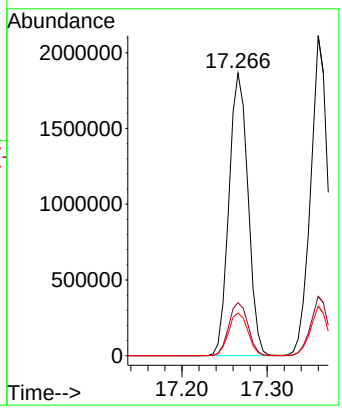
Tgt Ion:178 Resp: 288869

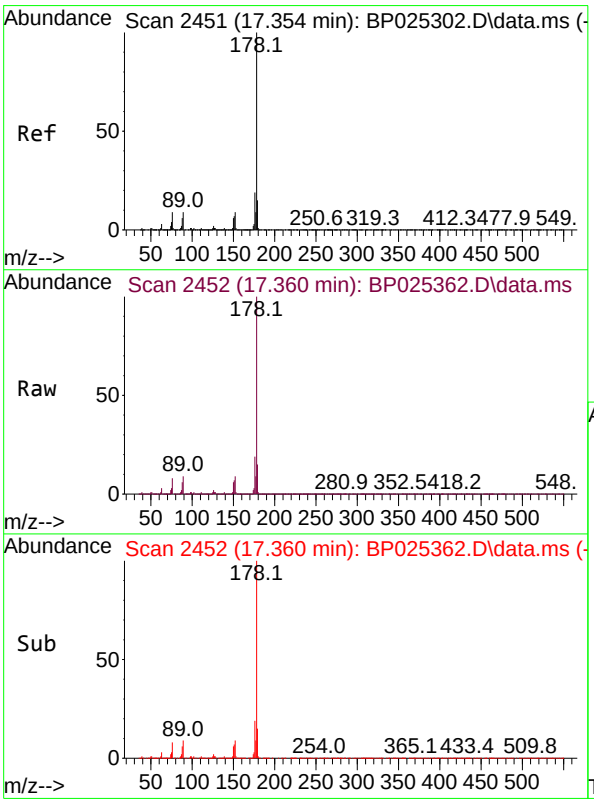
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.2	12.1	18.1

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

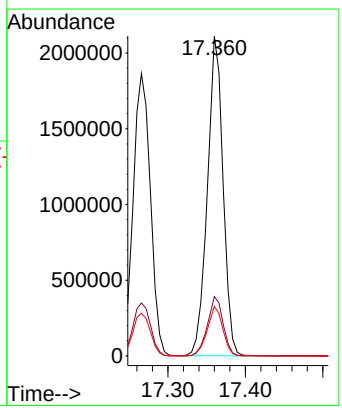


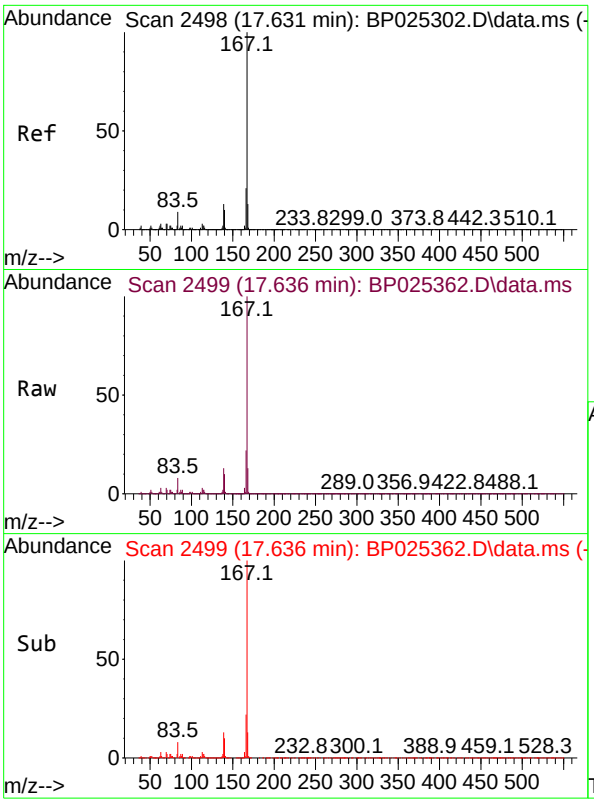


#72
Anthracene
Concen: 47.128 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:178 Resp: 2957986

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.5	12.3	18.5





#73
Carbazole
Concen: 47.102 ng
RT: 17.636 min Scan# 24
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

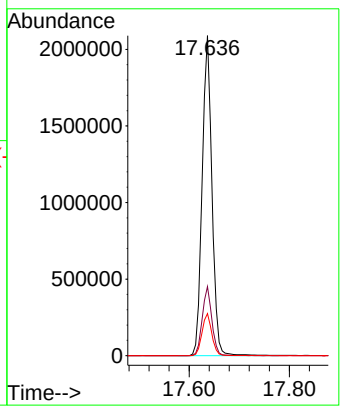
Tgt Ion:167 Resp: 283788

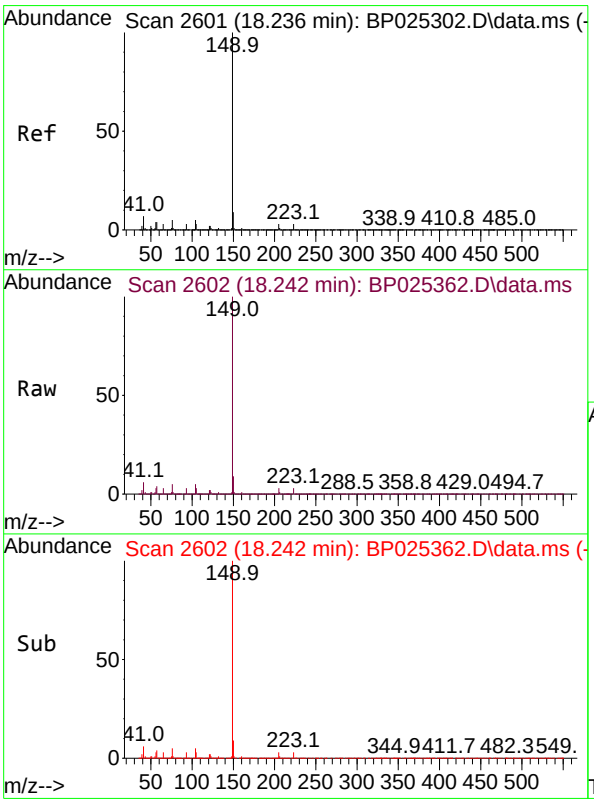
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.2	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

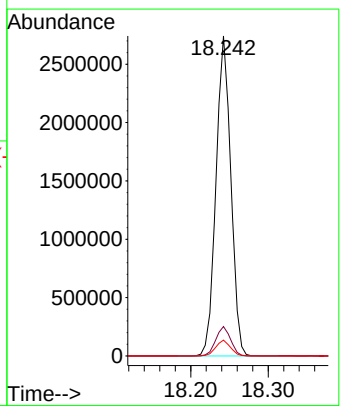


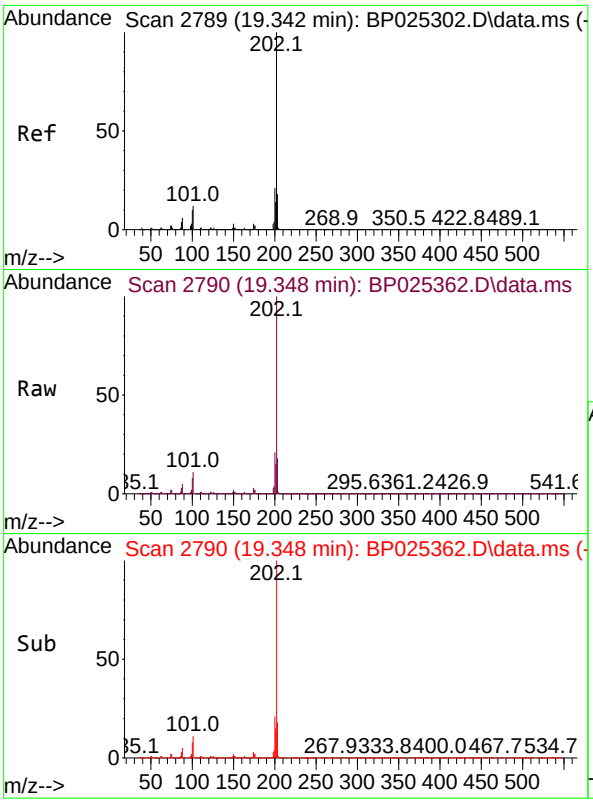


#74
Di-n-butylphthalate
Concen: 50.000 ng
RT: 18.242 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 3644409

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1





#75
Fluoranthene
Concen: 47.339 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

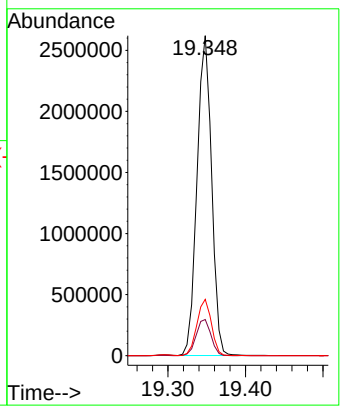
Tgt Ion:202 Resp: 341126

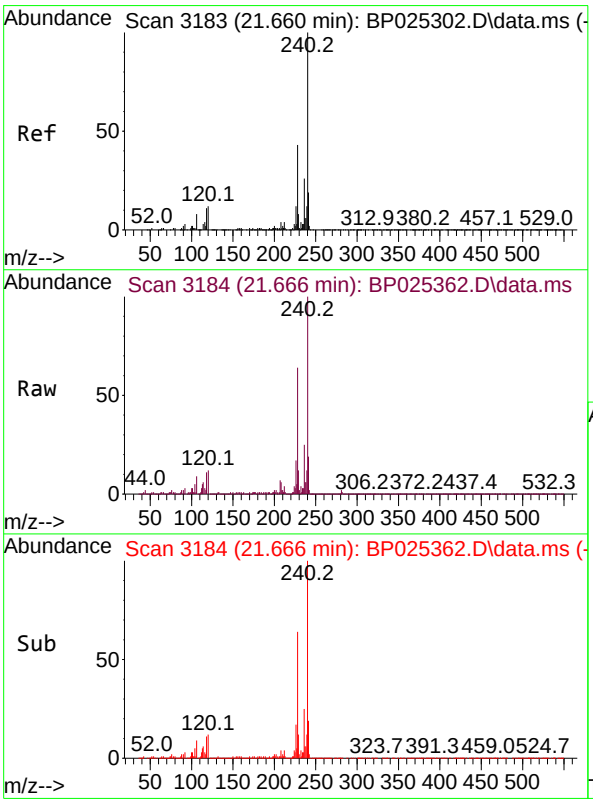
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.5
203	17.6	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

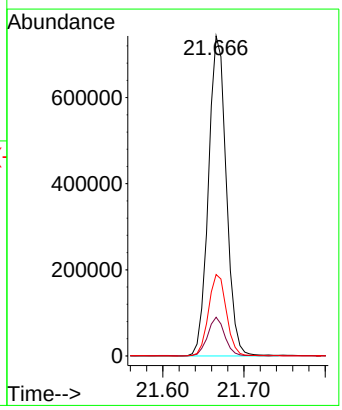


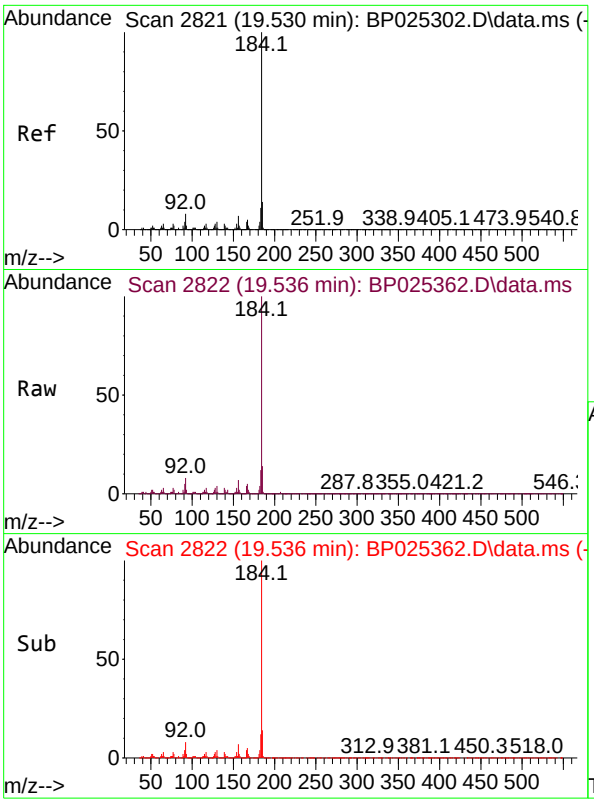


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:240 Resp: 1132010

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	25.5	20.4	30.6

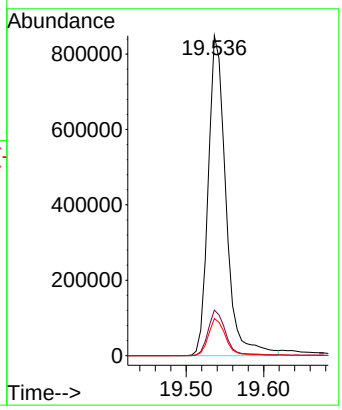




#77
Benzidine
Concen: 32.947 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:184 Resp: 134993

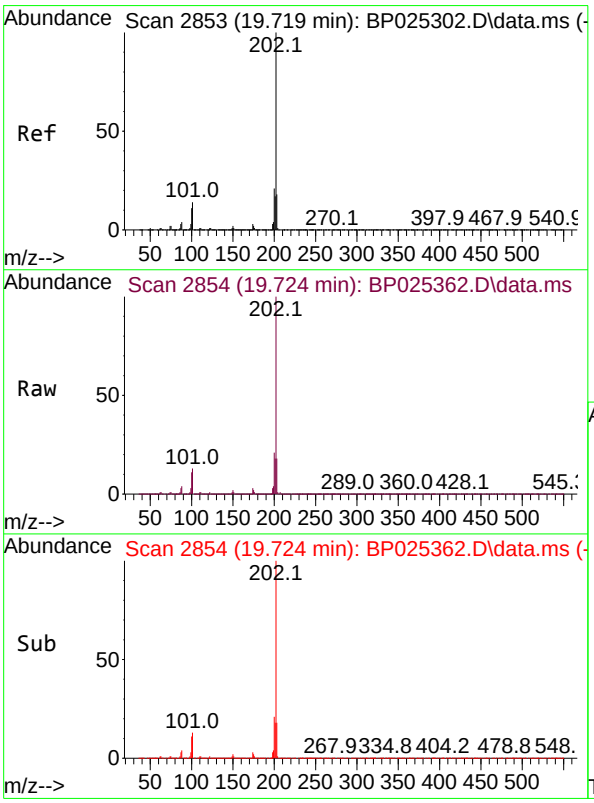
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	11.6	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
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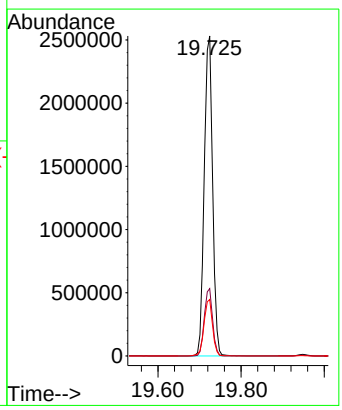
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

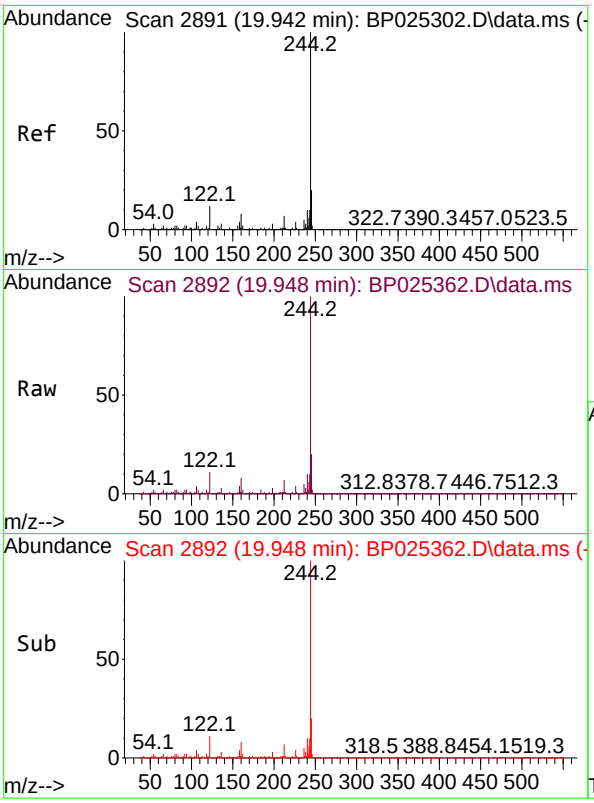


#78
Pyrene
Concen: 47.087 ng
RT: 19.724 min Scan# 2854
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:202 Resp: 3544570

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.1	21.1

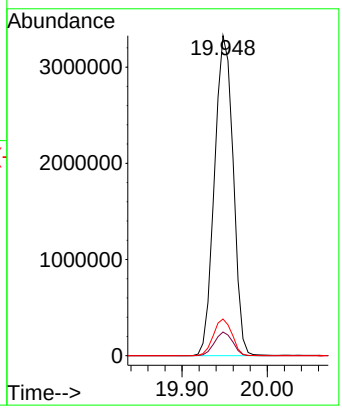




#79
Terphenyl-d14
Concen: 84.953 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:244 Resp: 509148

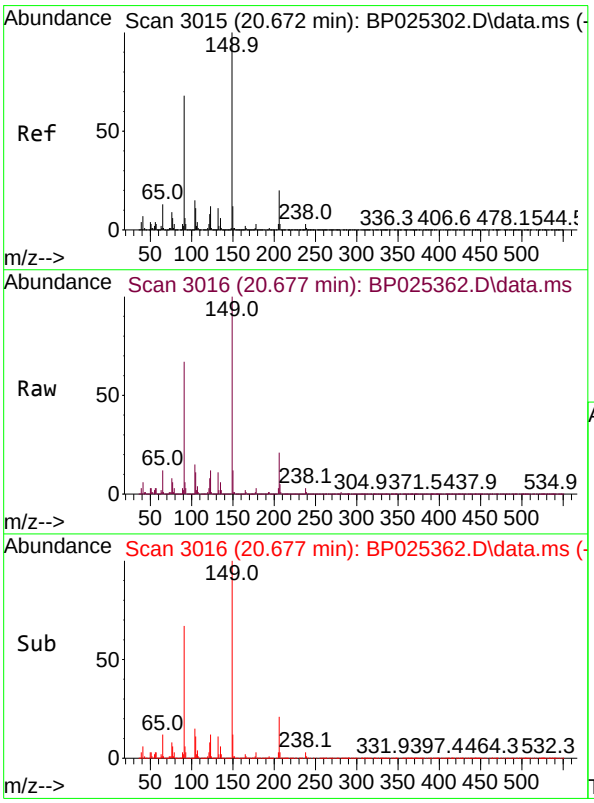
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.5	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

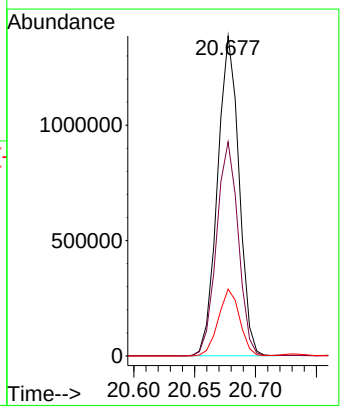
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

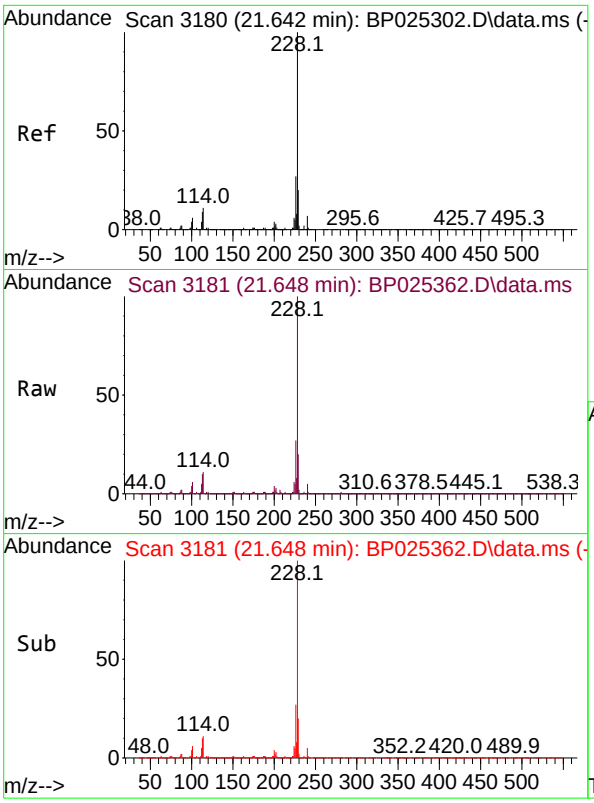


#80
Butylbenzylphthalate
Concen: 55.799 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 1703505

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.7	82.1
206	20.9	16.4	24.6

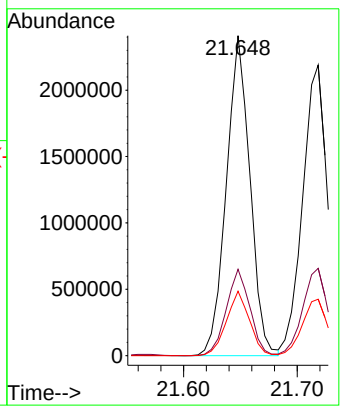




#81
Benzo(a)anthracene
Concen: 46.366 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:228 Resp: 348786

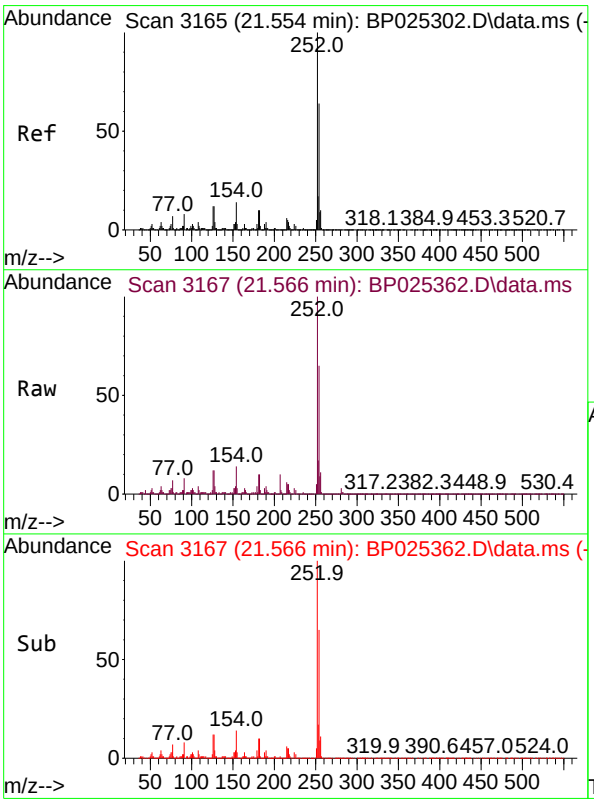
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

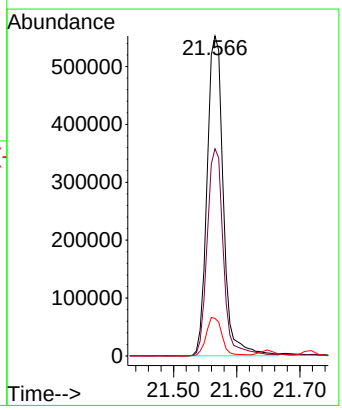
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

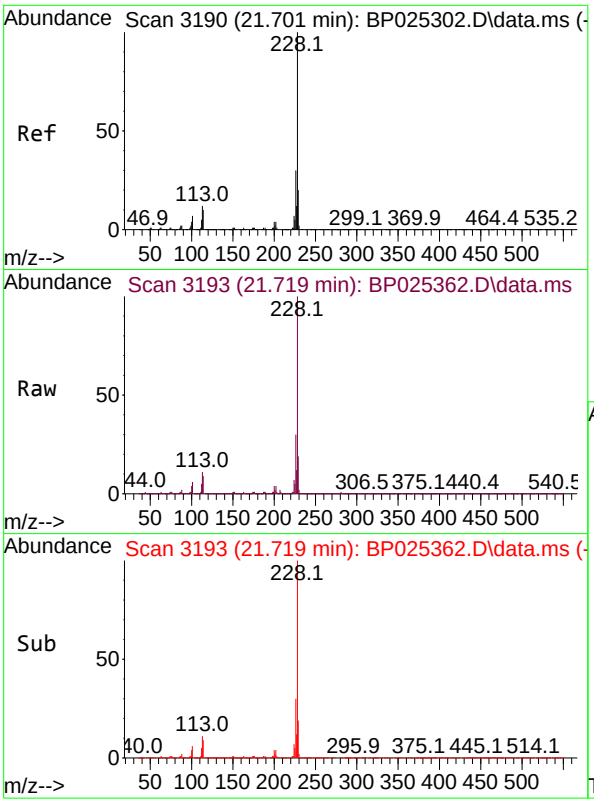


#82
3,3'-Dichlorobenzidine
Concen: 37.274 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:252 Resp: 989290

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.6
126	11.7	9.4	14.2

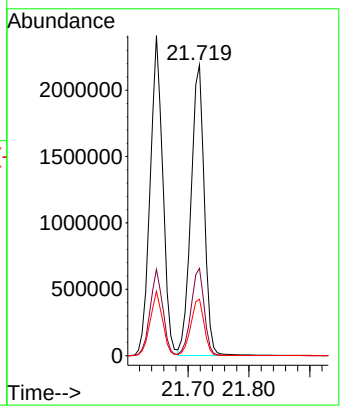




#83
Chrysene
Concen: 47.618 ng
RT: 21.719 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:228 Resp: 332238

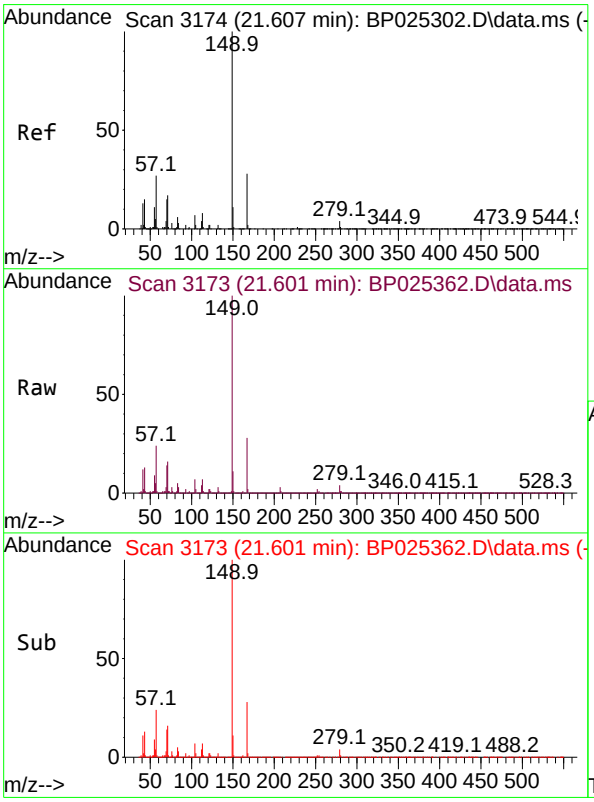
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

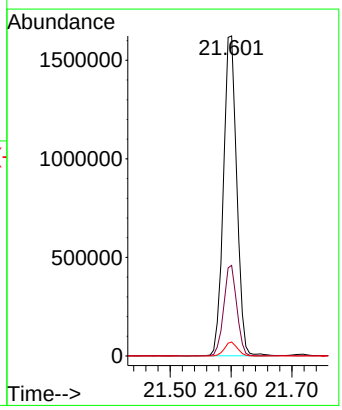
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

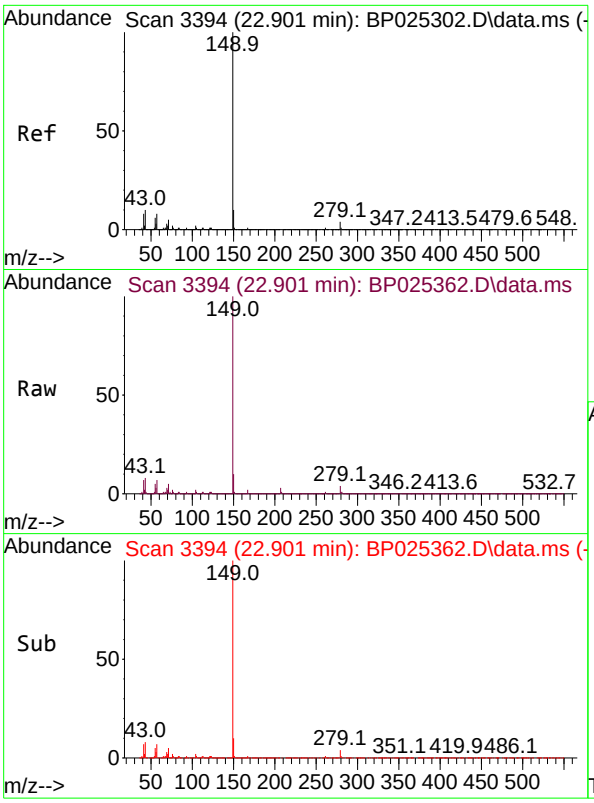


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.682 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 2470691

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	4.4	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 50.519 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

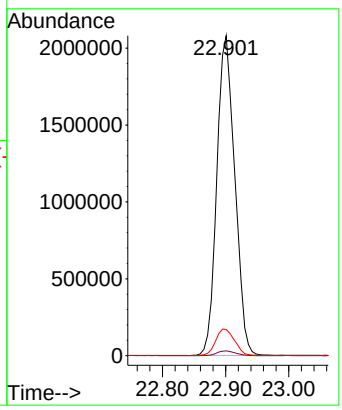
Tgt Ion:149 Resp: 412216

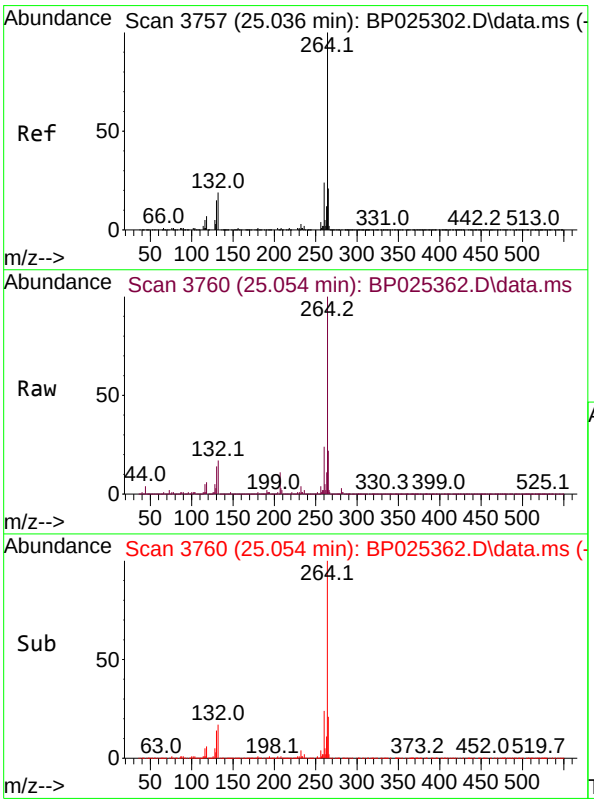
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

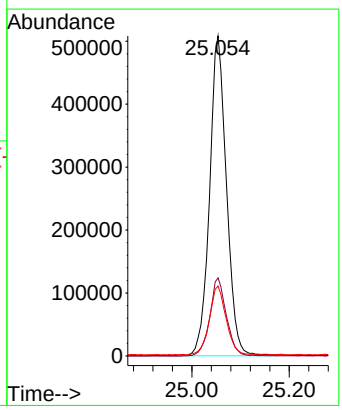


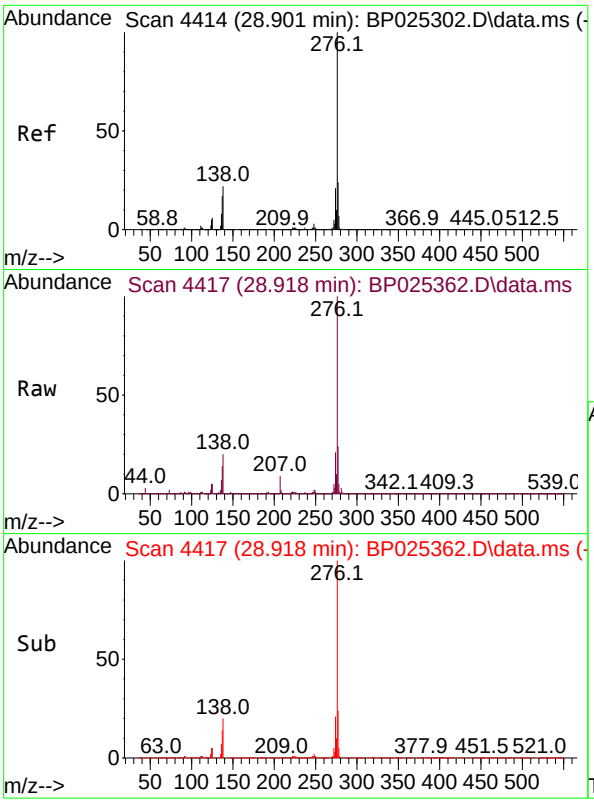


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3760
Delta R.T. 0.018 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:264 Resp: 1223220

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.1	25.7

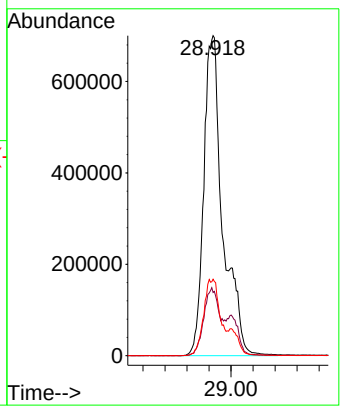




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.961 ng m
RT: 28.918 min Scan# 44
Delta R.T. 0.017 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:276 Resp: 420503

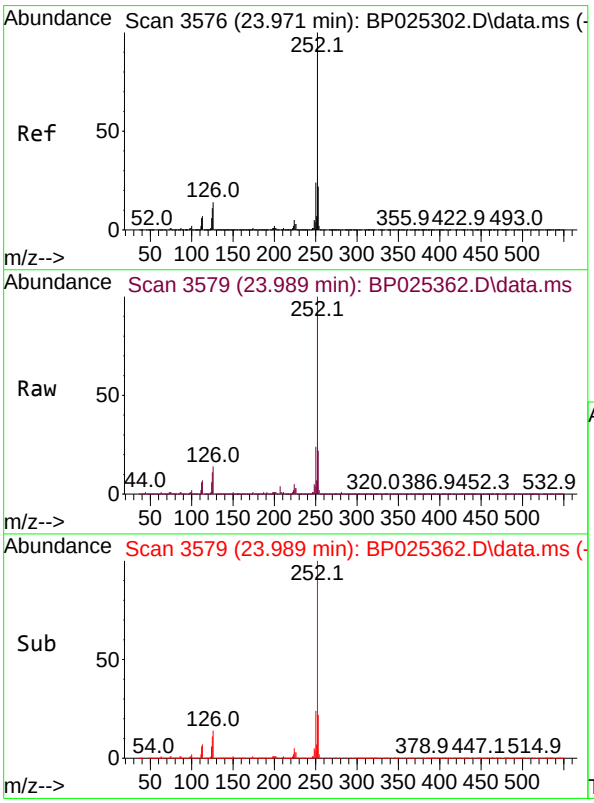
Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.6	22.0
277	21.2	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

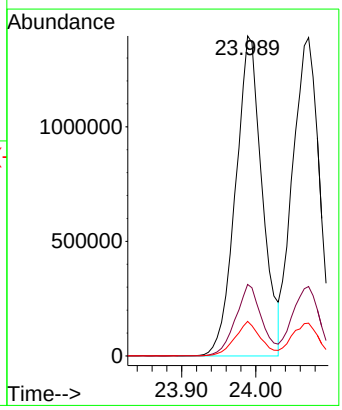
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

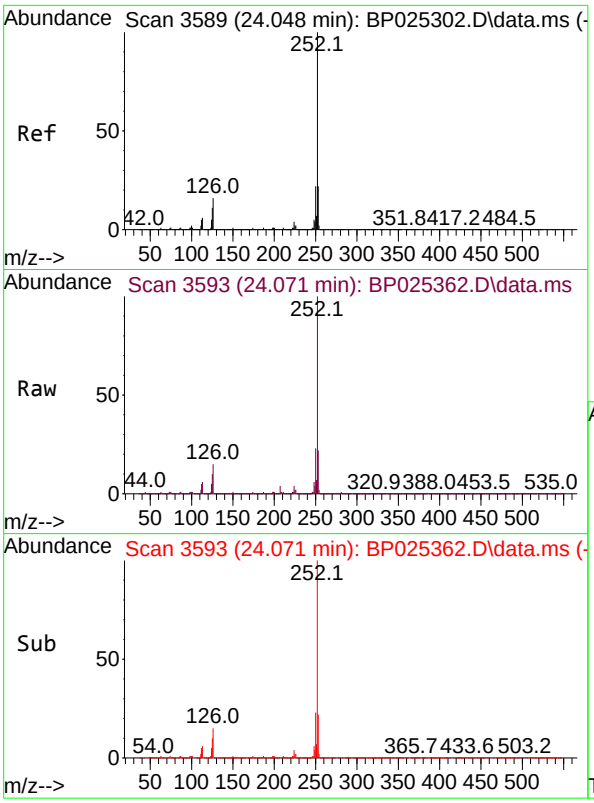


#88
Benzo(b)fluoranthene
Concen: 47.540 ng
RT: 23.989 min Scan# 3579
Delta R.T. 0.018 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:252 Resp: 3481057

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.8	8.5	12.7

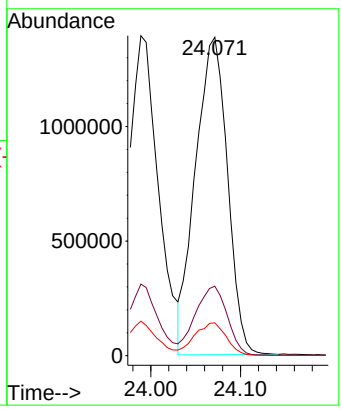




#89
Benzo(k)fluoranthene
Concen: 47.216 ng
RT: 24.071 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:252 Resp: 342739

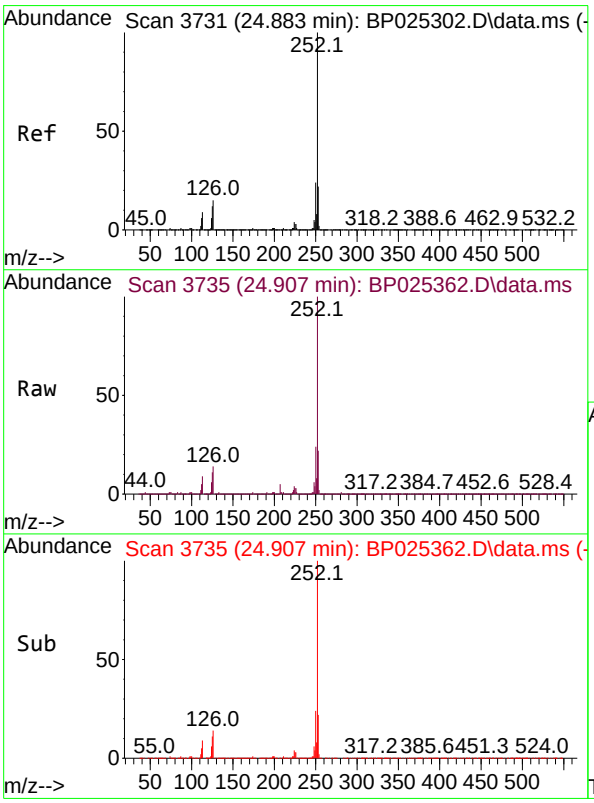
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.3	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

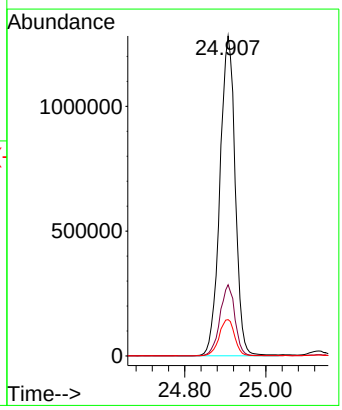
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

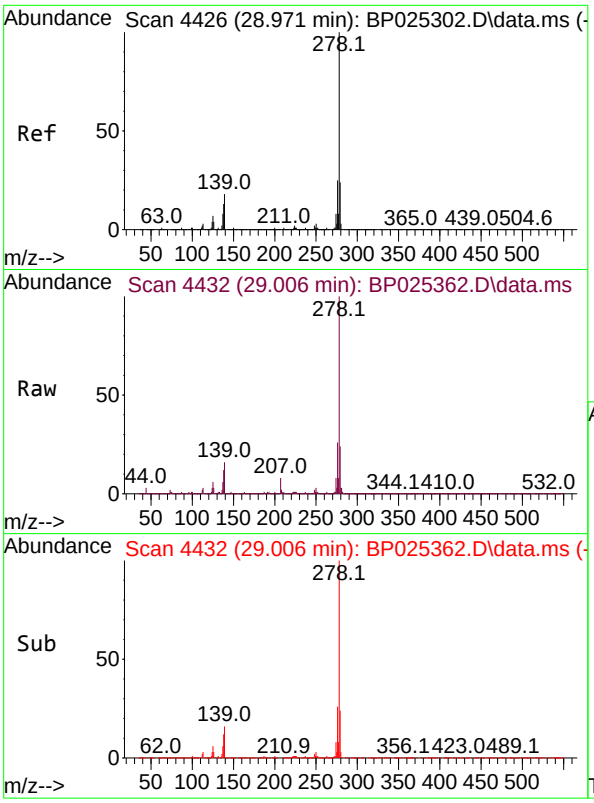


#90
Benzo(a)pyrene
Concen: 47.576 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:252 Resp: 3354897

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.3	9.4	14.0

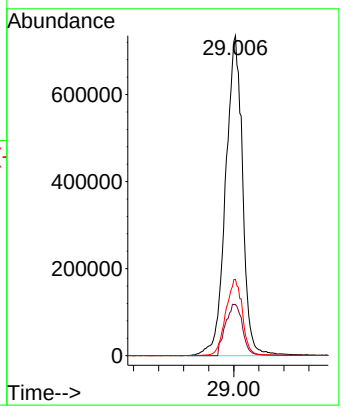




#91
Dibenzo(a,h)anthracene
Concen: 47.876 ng
RT: 29.006 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:278 Resp: 343775

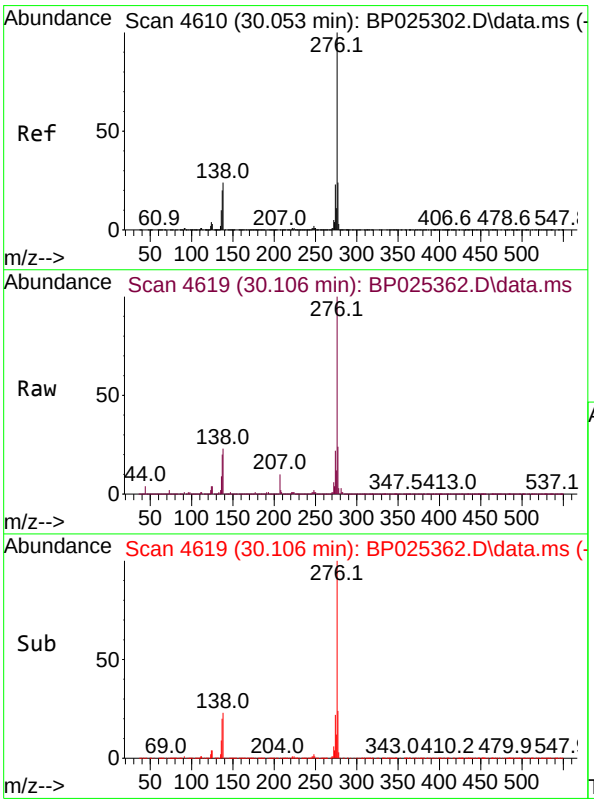
Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.6	22.0
279	23.8	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations
APPROVED

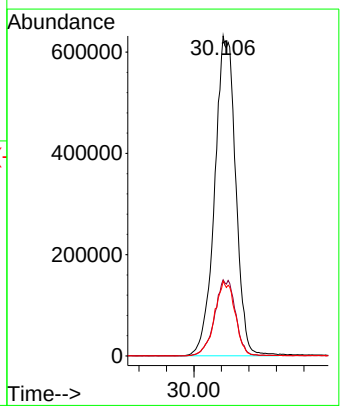
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#92
Benzo(g,h,i)perylene
Concen: 47.388 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.053 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:276 Resp: 3339547

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	23.4	19.1	28.7



Raw Data: **BP025356.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/06/25
Project:	Girard School - PA	Date Received:	08/07/25
Client Sample ID:	COMP-3MS	SDG No.:	Q2795
Lab Sample ID:	Q2795-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025356.D	1	08/08/25 09:12	08/11/25 20:16	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		27.6	210	ug/Kg
86-73-7	Fluorene	1700		30.8	210	ug/Kg
85-01-8	Phenanthrene	2000		25.4	210	ug/Kg
120-12-7	Anthracene	1800		40.5	210	ug/Kg
129-00-0	Pyrene	1900		43.8	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		28.0	210	ug/Kg
218-01-9	Chrysene	1800		24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		35.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	59.8		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.3		20 - 109	56%	SPK: 100
1718-51-0	Terphenyl-d14	54.1		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296000	7.796			
1146-65-2	Naphthalene-d8	1140000	10.572			
15067-26-2	Acenaphthene-d10	665000	14.419			
1517-22-2	Phenanthrene-d10	1230000	17.213			
1719-03-5	Chrysene-d12	1200000	21.654			
1520-96-3	Perylene-d12	1430000	25.024			

Raw Data: **BP025356.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3MS			SDG No.:	Q2795
Lab Sample ID:	Q2795-03MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025356.D	1	08/08/25 09:12	08/11/25 20:16	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BP025356.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025356.D
Acq On : 11 Aug 2025 20:16
Operator : CG/JU
Sample : Q2795-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 12 01:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	295927	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1140316	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	664800	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1234287	20.000	ng	-0.01
76) Chrysene-d12	21.654	240	1203349	20.000	ng	0.00
86) Perylene-d12	25.024	264	1428295	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1583320	86.053	ng	0.00
7) Phenol-d6	6.972	99	1967885	81.268	ng	0.00
23) Nitrobenzene-d5	8.943	82	1231034	59.809	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	733430	110.587	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2711947	56.344	ng	0.00
79) Terphenyl-d14	19.936	244	3444506	54.065	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	253506	34.914	ng	96
3) Pyridine	3.725	79	687248	34.068	ng	95
4) n-Nitrosodimethylamine	3.631	42	311095	33.217	ng	92
6) Aniline	7.125	93	619393	18.633	ng	99
8) 2-Chlorophenol	7.372	128	813868	40.411	ng	96
9) Benzaldehyde	6.943	77	408559m	23.756	ng	
10) Phenol	7.002	94	941478	36.338	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	742078	36.555	ng	97
12) 1,3-Dichlorobenzene	7.690	146	876349	38.725	ng	99
13) 1,4-Dichlorobenzene	7.837	146	903885	39.480	ng	99
14) 1,2-Dichlorobenzene	8.149	146	864256	38.968	ng	99
15) Benzyl Alcohol	8.031	79	649356	34.595	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1028803	32.081	ng	95
17) 2-Methylphenol	8.237	107	642677	37.071	ng	98
18) Hexachloroethane	8.872	117	330543	40.371	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	536372	33.714	ng	95
20) 3+4-Methylphenols	8.554	107	856030	35.859	ng	98
22) Acetophenone	8.607	105	1112654	38.868	ng	97
24) Nitrobenzene	8.984	77	792206	40.659	ng	95
25) Isophorone	9.507	82	1508620	36.821	ng	100
26) 2-Nitrophenol	9.684	139	415799	48.915	ng	97
27) 2,4-Dimethylphenol	9.749	122	724411	38.350	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	954859	38.311	ng	98
29) 2,4-Dichlorophenol	10.225	162	718708	43.459	ng	98
30) 1,2,4-Trichlorobenzene	10.443	180	769538	42.178	ng	98
31) Naphthalene	10.625	128	2397069	40.493	ng	100
32) Benzoic acid	9.884	122	546170	49.878	ng	96
33) 4-Chloroaniline	10.725	127	336272	12.772	ng	99
34) Hexachlorobutadiene	10.913	225	468123	44.697	ng	99
35) Caprolactam	11.501	113	227396	35.445	ng	90
36) 4-Chloro-3-methylphenol	11.848	107	745372	38.952	ng	98
37) 2-Methylnaphthalene	12.231	142	1497114	39.073	ng	100
38) 1-Methylnaphthalene	12.448	142	1543248	38.601	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	816822	45.004	ng	99
41) Hexachlorocyclopentadiene	12.590	237	876439	78.240	ng	98
43) 2,4,6-Trichlorophenol	12.837	196	564363	48.134	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025356.D
Acq On : 11 Aug 2025 20:16
Operator : CG/JU
Sample : Q2795-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 12 01:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	608623	46.273	ng		98
46) 1,1'-Biphenyl	13.242	154	2074615	42.346	ng		99
47) 2-Chloronaphthalene	13.284	162	1575672	42.156	ng		99
48) 2-Nitroaniline	13.478	65	446724	41.245	ng		92
49) Acenaphthylene	14.137	152	2578565	41.358	ng		99
50) Dimethylphthalate	13.872	163	1943142	40.095	ng		100
51) 2,6-Dinitrotoluene	13.984	165	423061	47.326	ng		88
52) Acenaphthene	14.484	154	1684516m	44.295	ng		
53) 3-Nitroaniline	14.313	138	219532	20.988	ng	#	93
54) 2,4-Dinitrophenol	14.519	184	301467	67.280	ng	#	46
55) Dibenzofuran	14.819	168	2357940	41.490	ng		100
56) 4-Nitrophenol	14.631	139	784495	84.979	ng		93
57) 2,4-Dinitrotoluene	14.772	165	589159	42.888	ng		99
58) Fluorene	15.478	166	1818633	40.744	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	506928	46.140	ng		99
60) Diethylphthalate	15.254	149	1984652	40.619	ng		99
61) 4-Chlorophenyl-phenyle...	15.472	204	861378	40.706	ng		99
62) 4-Nitroaniline	15.483	138	405711	39.144	ng		95
63) Azobenzene	15.772	77	1877346	41.360	ng		97
65) 4,6-Dinitro-2-methylph...	15.548	198	245008	45.682	ng		95
66) n-Nitrosodiphenylamine	15.689	169	1625700	43.258	ng		99
67) 4-Bromophenyl-phenylether	16.389	248	564309	45.439	ng		97
68) Hexachlorobenzene	16.501	284	613631	44.035	ng		98
69) Atrazine	16.672	200	586804	44.399	ng		99
70) Pentachlorophenol	16.854	266	849544	95.690	ng		100
71) Phenanthrene	17.260	178	3368932	49.834	ng		100
72) Anthracene	17.354	178	3024719	44.374	ng		100
73) Carbazole	17.625	167	2778786	42.468	ng		100
74) Di-n-butylphthalate	18.230	149	3527045	44.557	ng		99
75) Fluoranthene	19.336	202	3816911	48.773	ng		99
77) Benzidine	19.530	184	1819023	41.764	ng		99
78) Pyrene	19.713	202	3834458	47.919	ng		99
80) Butylbenzylphthalate	20.666	149	1569145	48.351	ng		100
81) Benzo(a)anthracene	21.630	228	3612353	45.174	ng		100
82) 3,3'-Dichlorobenzidine	21.554	252	875594	31.034	ng		99
83) Chrysene	21.707	228	3372486	45.471	ng		99
84) Bis(2-ethylhexyl)phtha...	21.589	149	2373866	45.809	ng		100
85) Di-n-octyl phthalate	22.895	149	4132843	47.647	ng		97
87) Indeno(1,2,3-cd)pyrene	28.883	276	4535747m	44.306	ng		
88) Benzo(b)fluoranthene	23.971	252	3672505	42.953	ng		99
89) Benzo(k)fluoranthene	24.036	252	3578883	42.224	ng		99
90) Benzo(a)pyrene	24.871	252	3615367	43.909	ng		100
91) Dibenzo(a,h)anthracene	28.983	278	3575001	42.639	ng		98
92) Benzo(g,h,i)perylene	30.083	276	3656732	44.439	ng		99

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

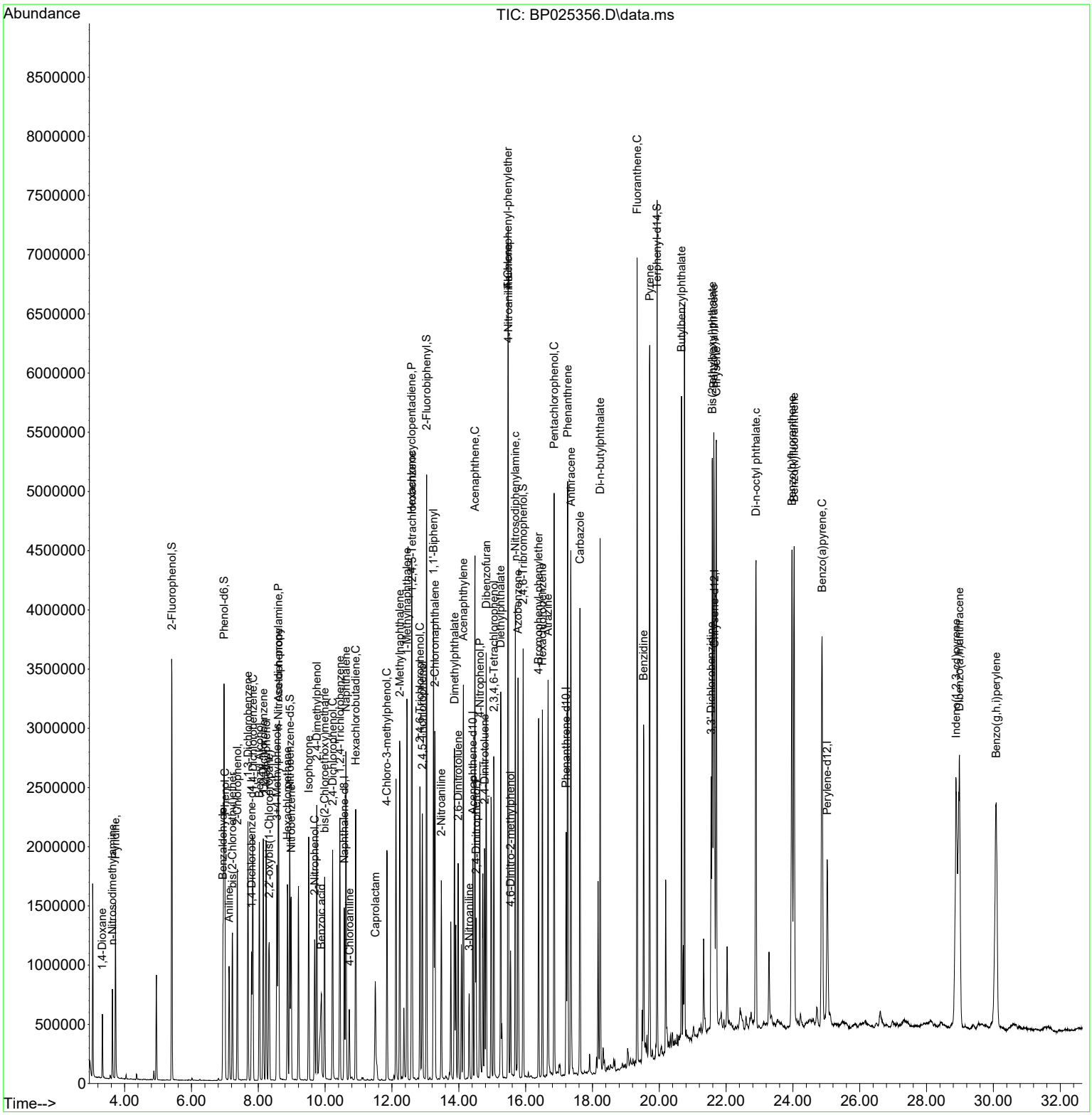
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Acq On : 11 Aug 2025 20:16
Operator : CG/JU
Sample : Q2795-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

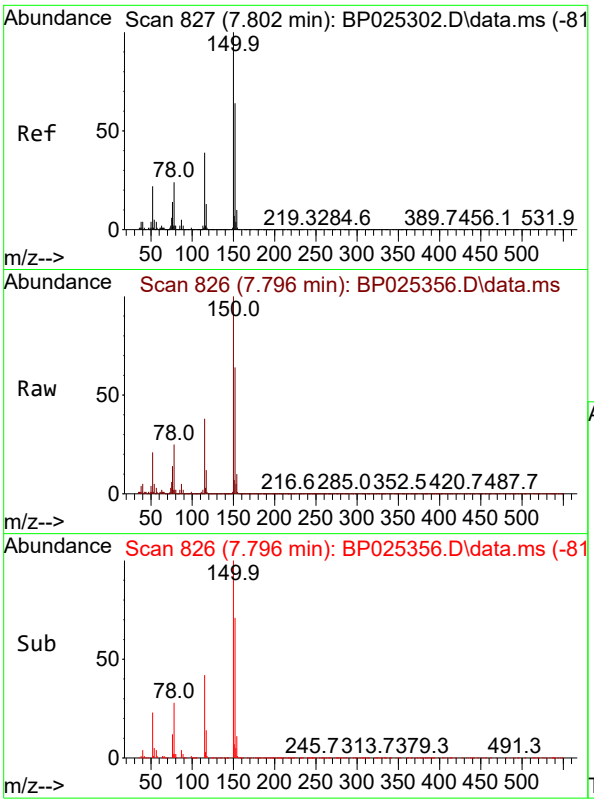
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
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Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
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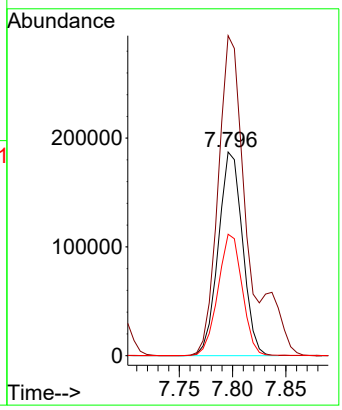




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:152 Resp: 29592

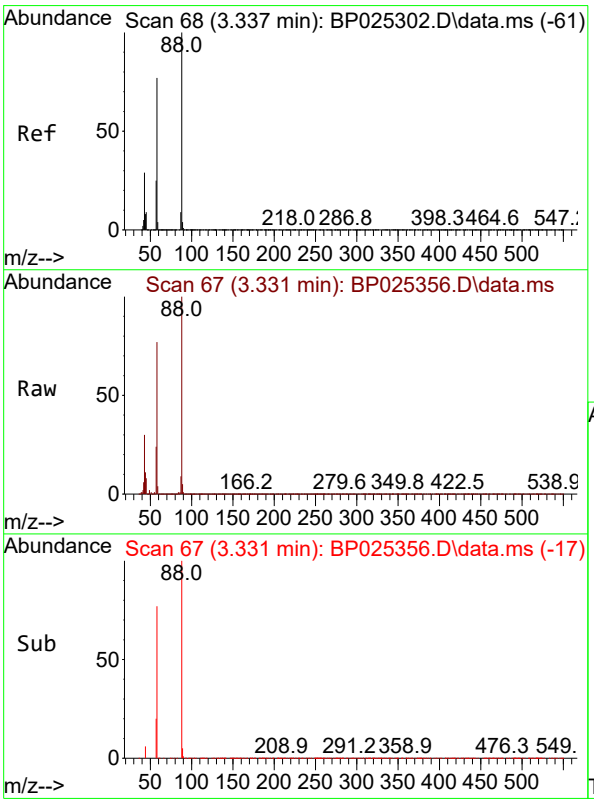
Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.1	187.7
115	59.6	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

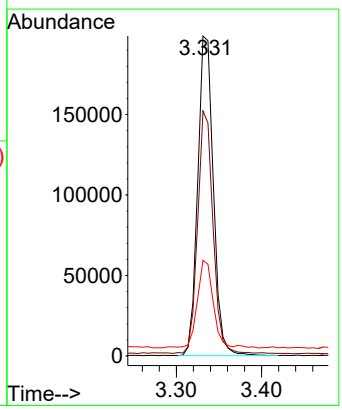
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

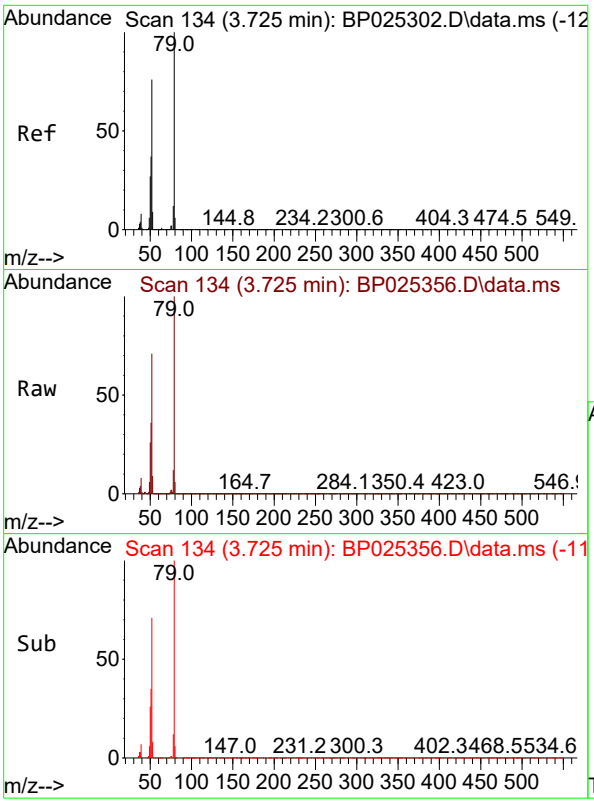


#2
1,4-Dioxane
Concen: 34.914 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 88 Resp: 253506

Ion	Ratio	Lower	Upper
88	100		
58	74.7	61.9	92.9
43	27.5	24.2	36.2

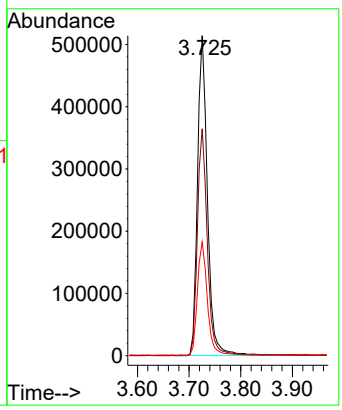




#3
Pyridine
Concen: 34.068 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 79 Resp: 68724

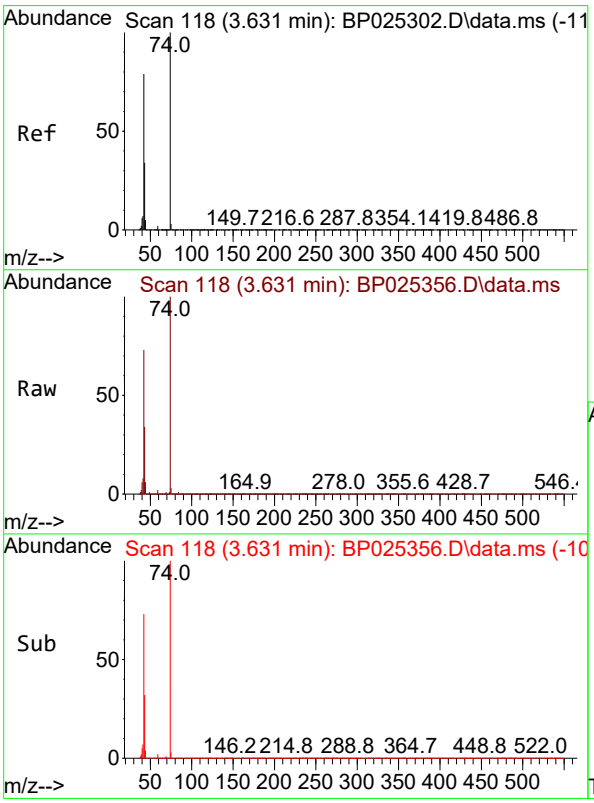
Ion	Ratio	Lower	Upper
79	100		
52	70.9	60.5	90.7
51	35.6	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

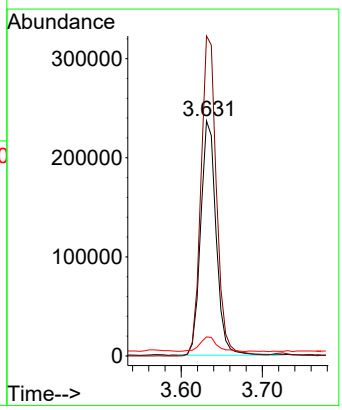
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

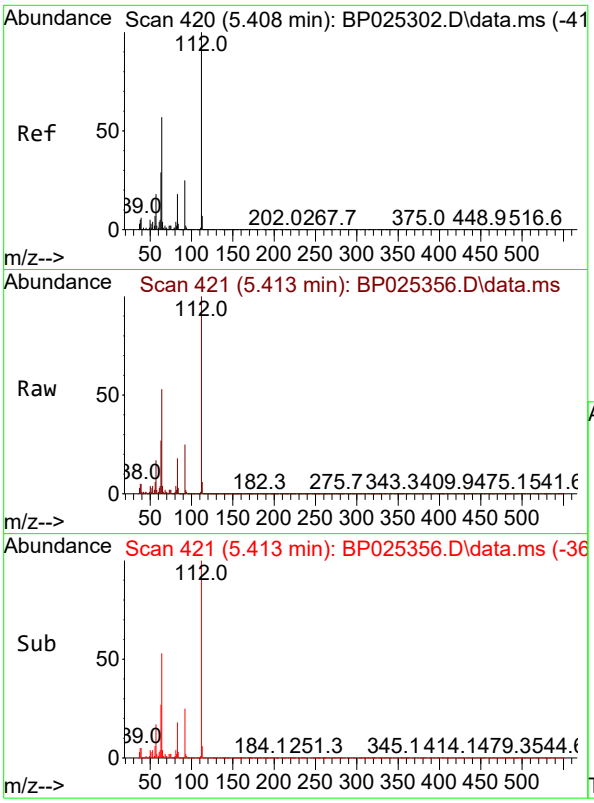


#4
n-Nitrosodimethylamine
Concen: 33.217 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 42 Resp: 311095

Ion	Ratio	Lower	Upper
42	100		
74	136.2	101.4	152.2
44	8.1	7.6	11.4

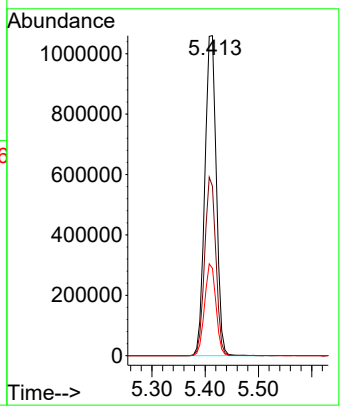




#5
2-Fluorophenol
Concen: 86.053 ng
RT: 5.413 min Scan# 4
Delta R.T. 0.005 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:112 Resp: 158332

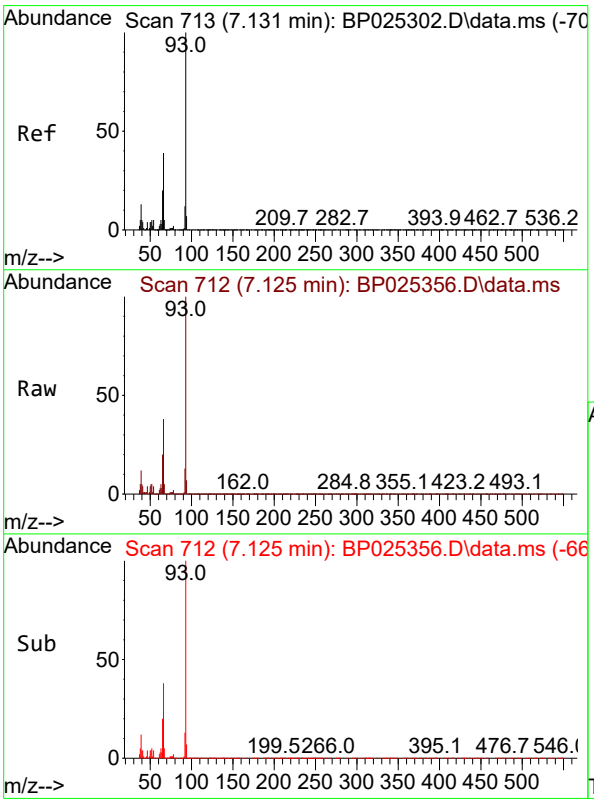
Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.3	67.9
63	27.3	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

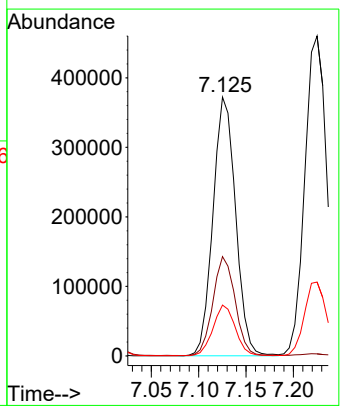
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

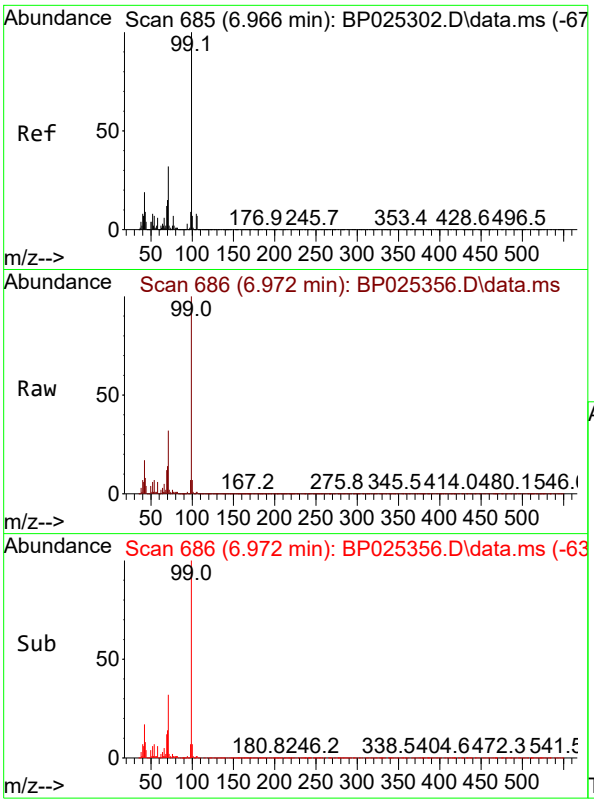


#6
Aniline
Concen: 18.633 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 93 Resp: 619393

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.1	46.7
65	19.6	15.8	23.8

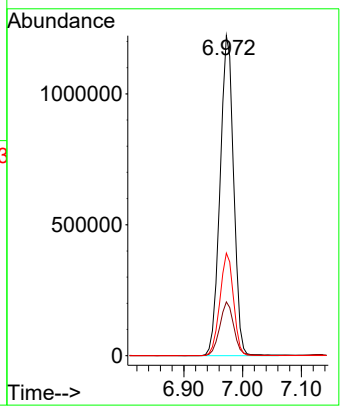




#7
Phenol-d6
Concen: 81.268 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 99 Resp: 196788

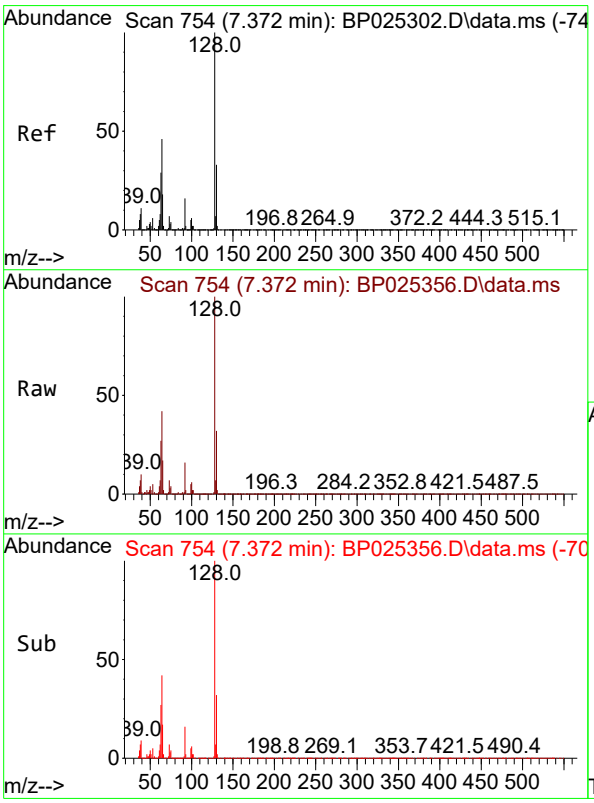
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	32.0	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

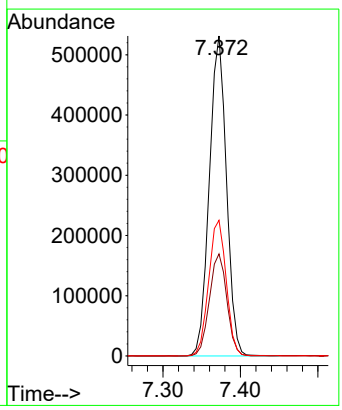
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

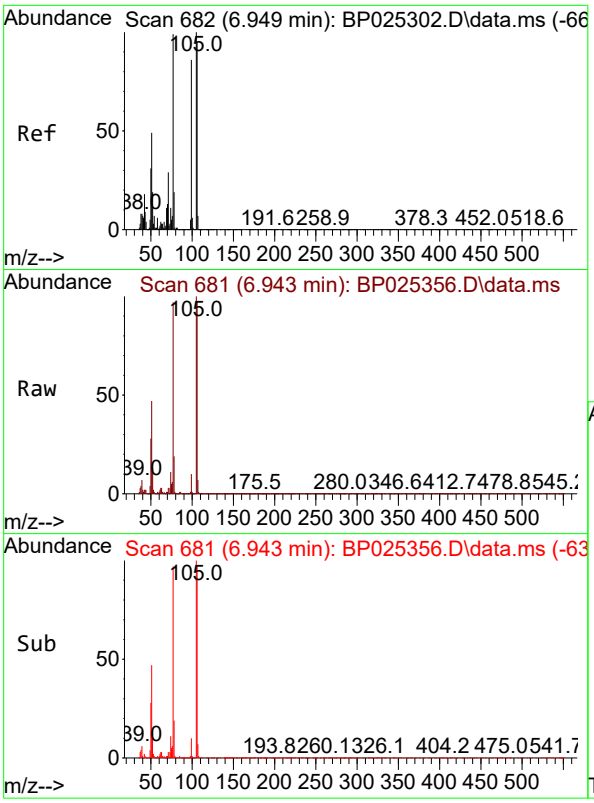


#8
2-Chlorophenol
Concen: 40.411 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:128 Resp: 813868

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.1	53.1
64	42.4	26.1	66.1

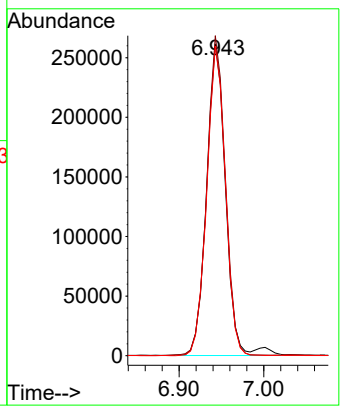




#9
Benzaldehyde
Concen: 23.756 ng m
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 77 Resp: 40855

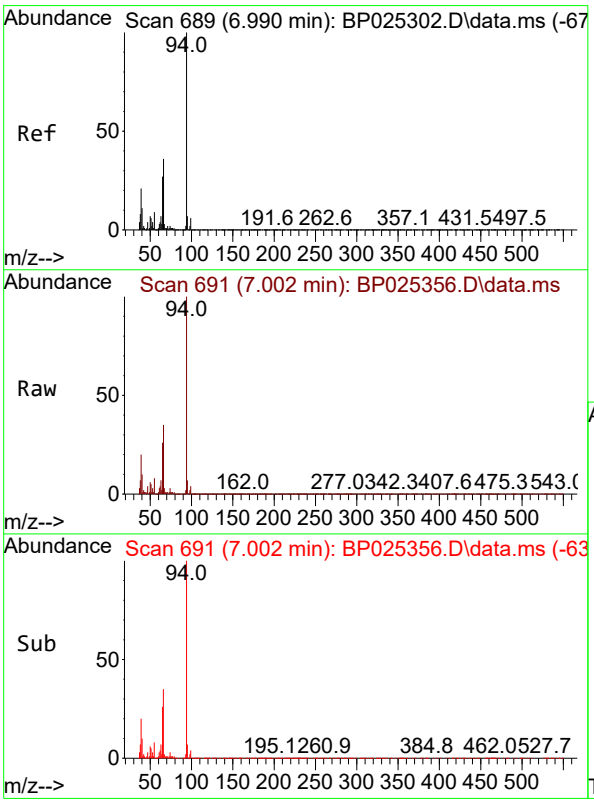
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	99.3	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

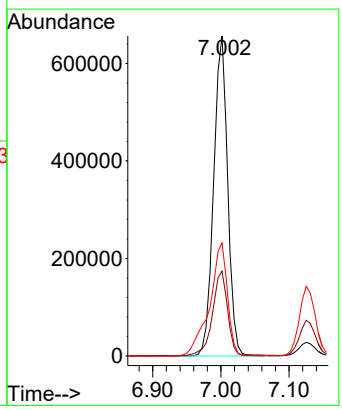
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

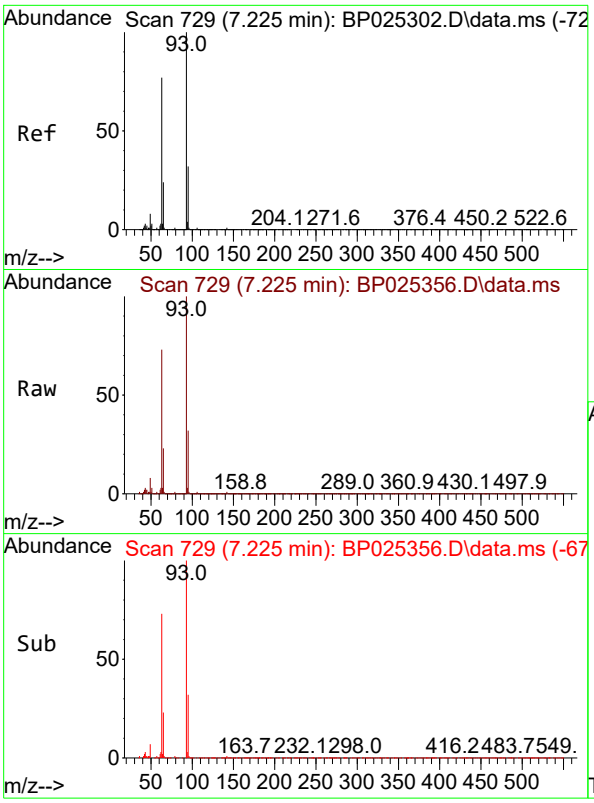


#10
Phenol
Concen: 36.338 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 94 Resp: 941478

Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.3	47.3
66	35.3	15.7	55.7

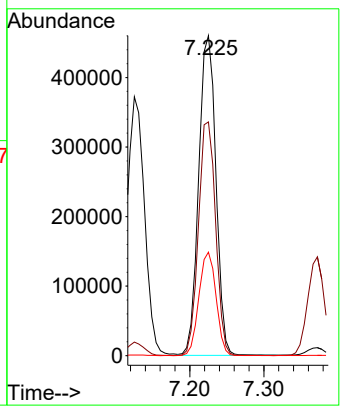




#11
bis(2-Chloroethyl)ether
Concen: 36.555 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 93 Resp: 74207

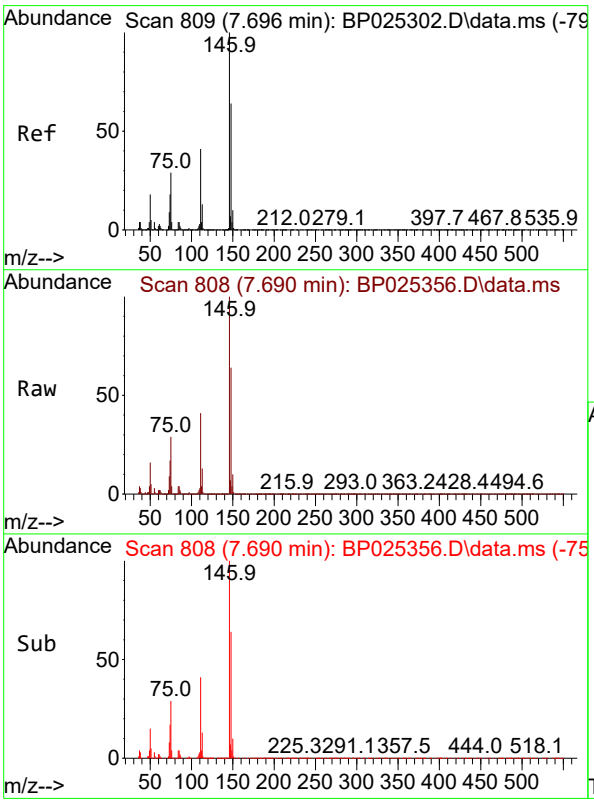
Ion	Ratio	Lower	Upper
93	100		
63	73.0	57.0	97.0
95	32.4	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

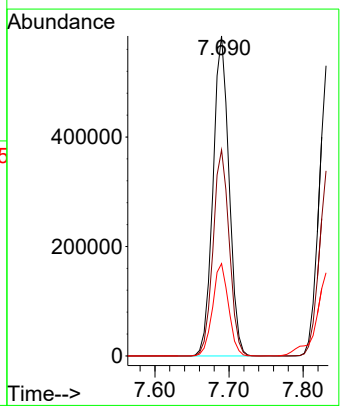
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

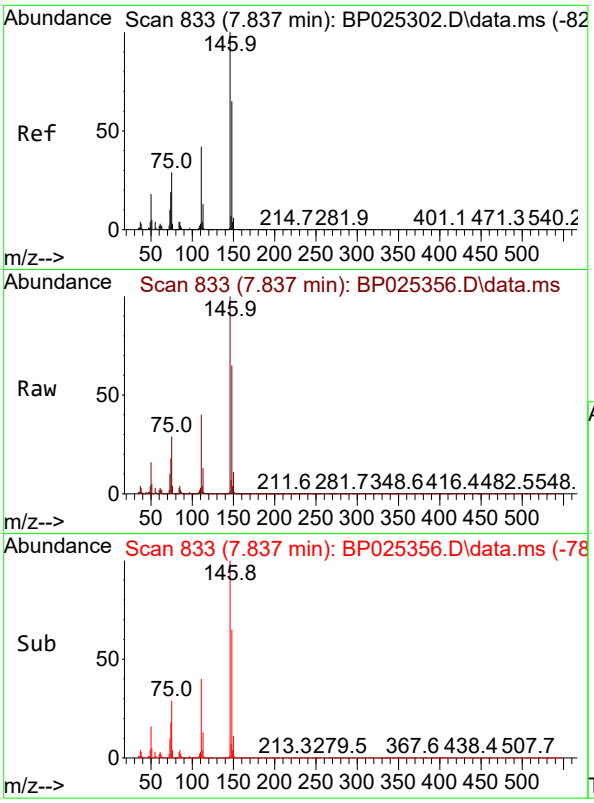


#12
1,3-Dichlorobenzene
Concen: 38.725 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:146 Resp: 876349

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
75	28.8	23.2	34.8

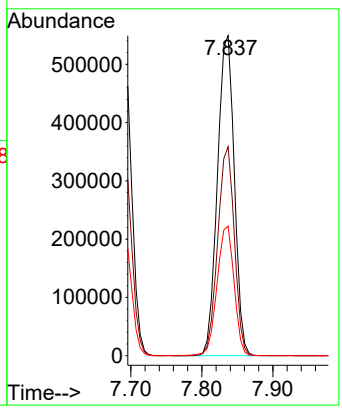




#13
1,4-Dichlorobenzene
Concen: 39.480 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:146 Resp: 90388

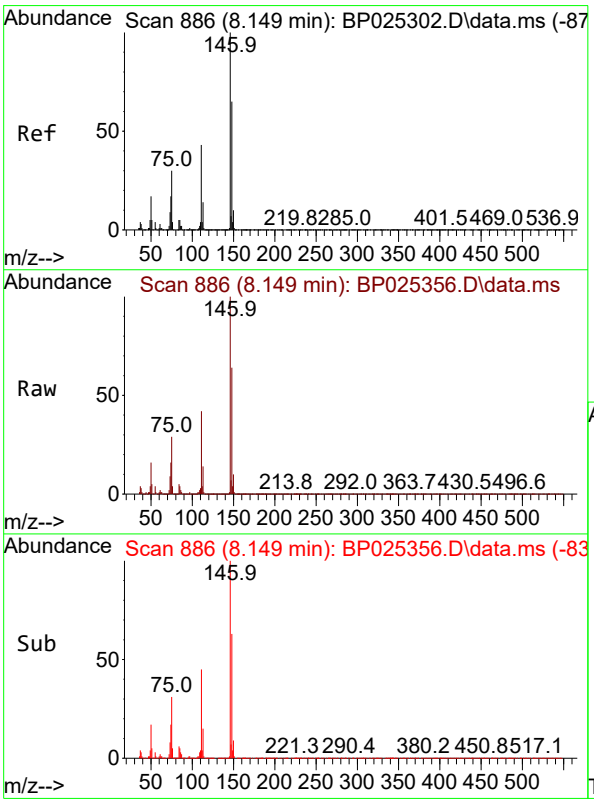
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	40.5	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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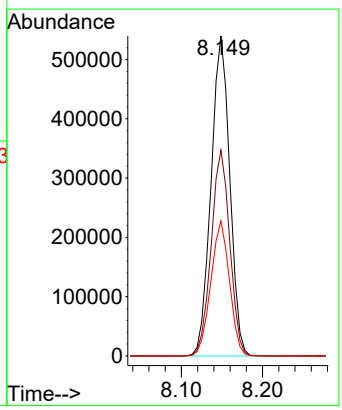
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

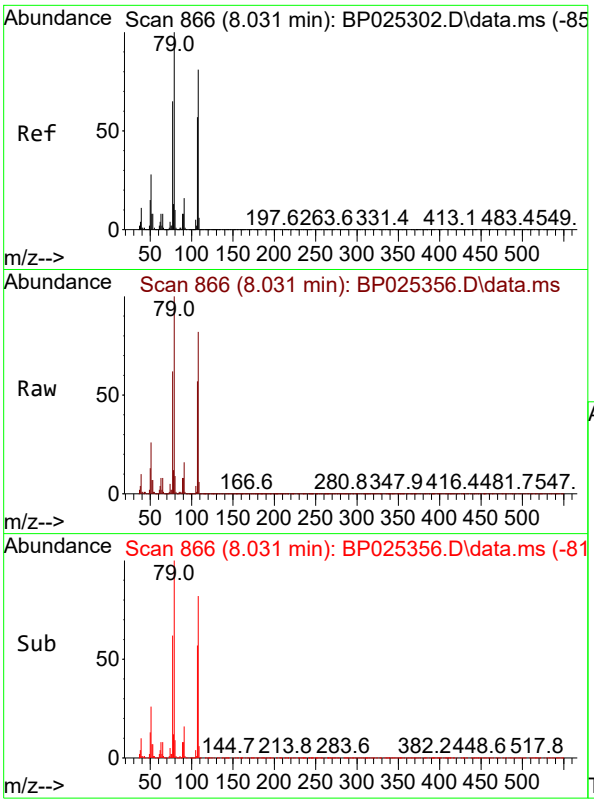


#14
1,2-Dichlorobenzene
Concen: 38.968 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:146 Resp: 864256

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	42.2	34.4	51.6

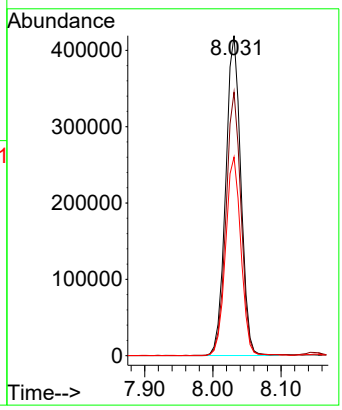




#15
Benzyl Alcohol
Concen: 34.595 ng
RT: 8.031 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 79 Resp: 64935

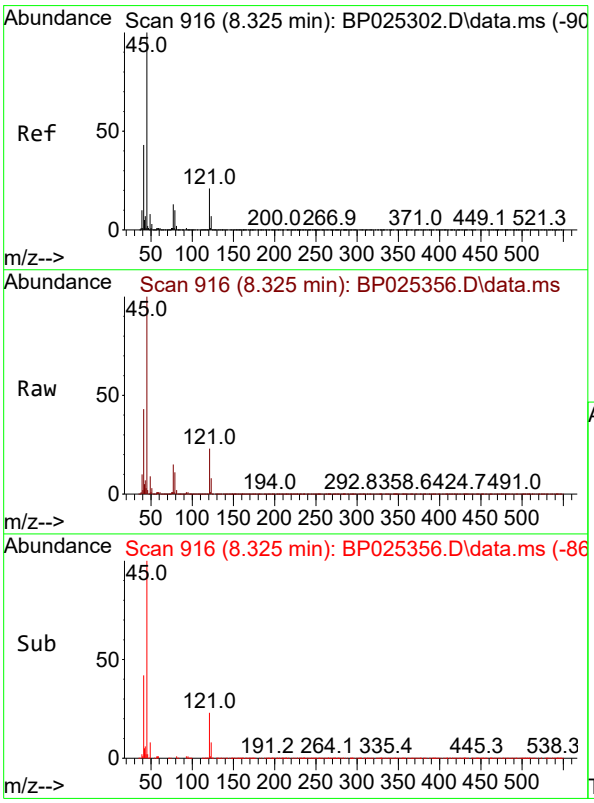
Ion	Ratio	Lower	Upper
79	100		
108	82.4	64.5	96.7
77	62.0	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

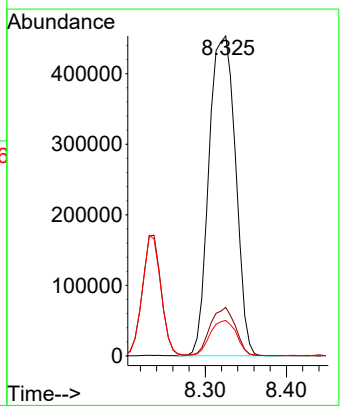
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

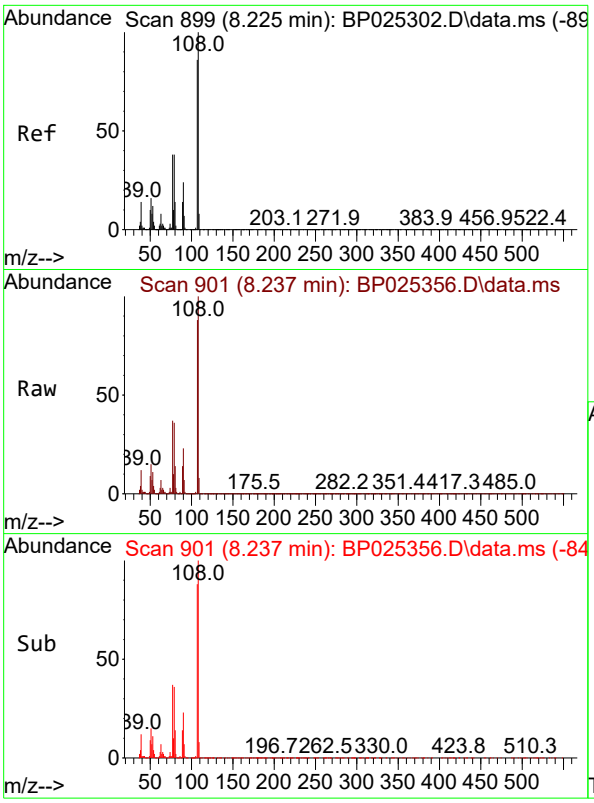


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.081 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 45 Resp: 1028803

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.0
79	11.1	0.0	29.8

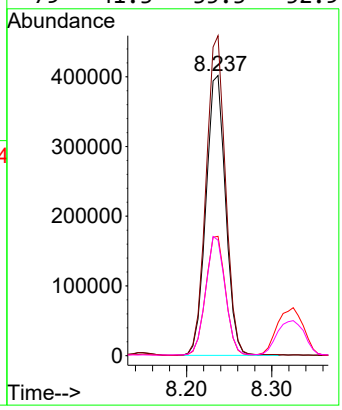




#17
2-Methylphenol
Concen: 37.071 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:107 Resp: 64267

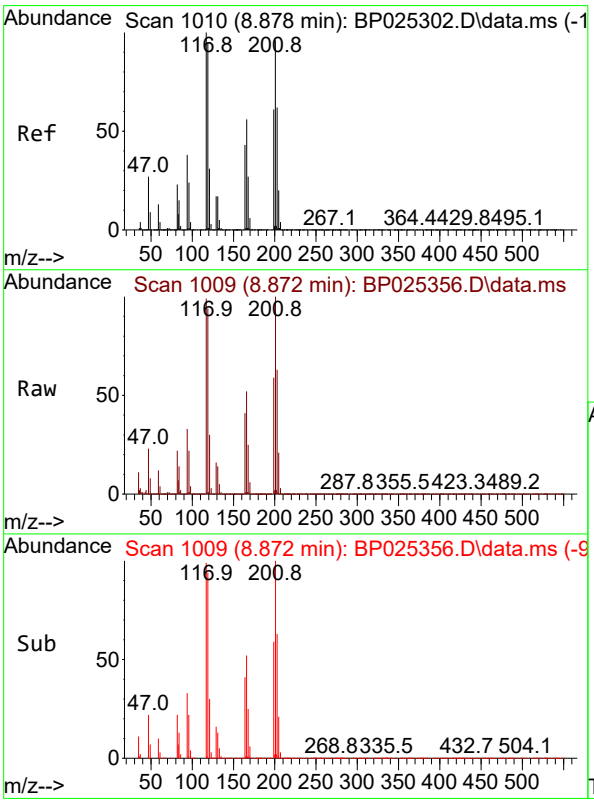
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	139.0
77	42.6	35.4	53.2
79	41.3	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

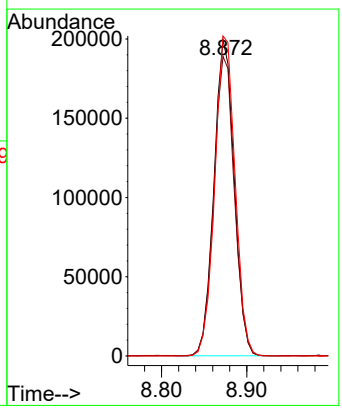
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

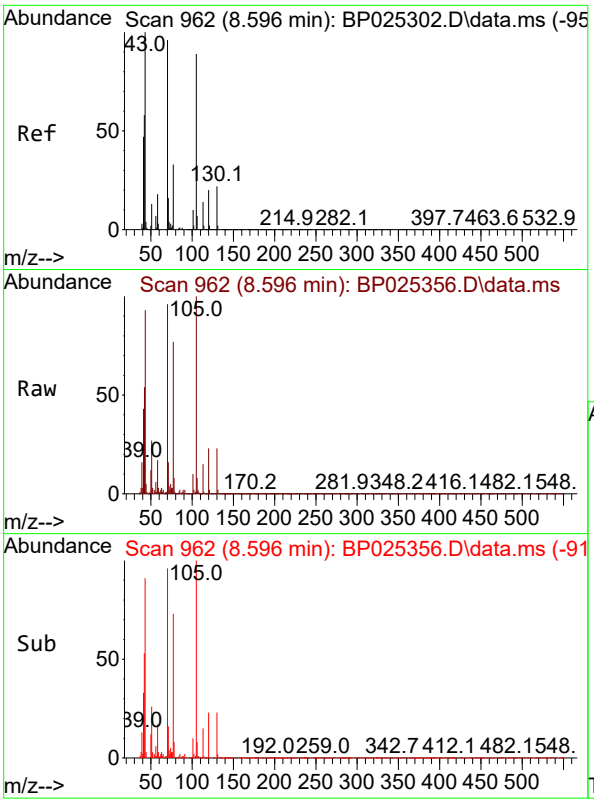


#18
Hexachloroethane
Concen: 40.371 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:117 Resp: 330543

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	101.2	76.6	114.8

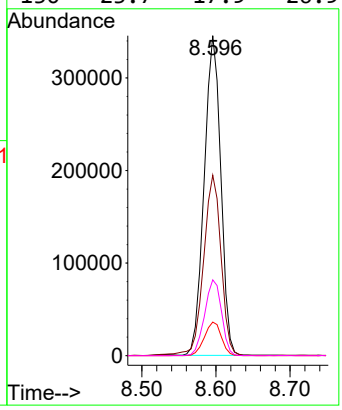




#19
n-Nitroso-di-n-propylamine
Concen: 33.714 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 70 Resp: 53637

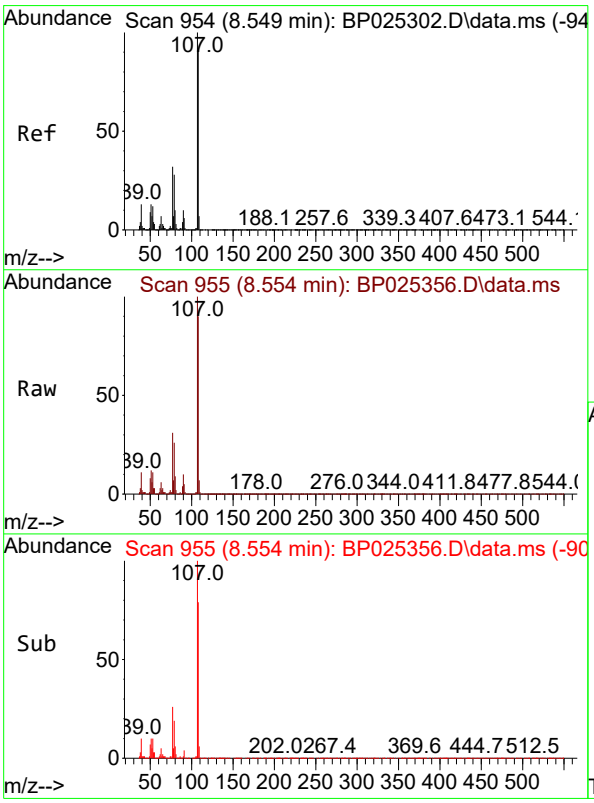
Ion	Ratio	Lower	Upper
70	100		
42	56.4	49.4	74.0
101	10.5	7.9	11.9
130	23.7	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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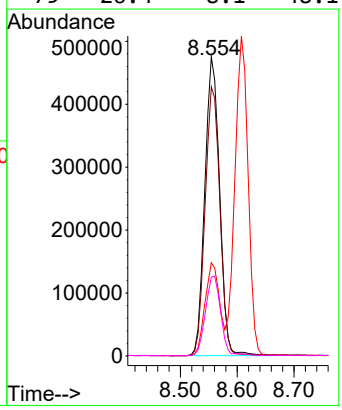
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

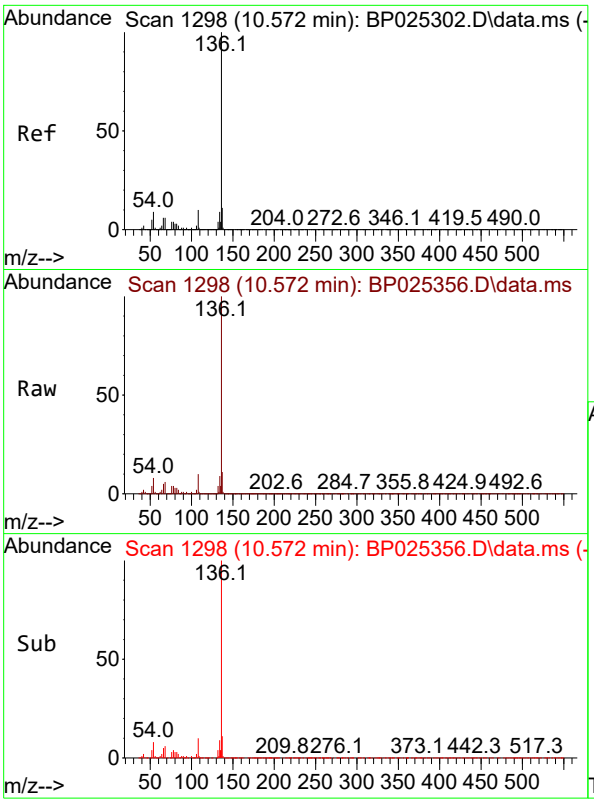


#20
3+4-Methylphenols
Concen: 35.859 ng
RT: 8.554 min Scan# 955
Delta R.T. 0.005 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:107 Resp: 856030

Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.9	111.9
77	31.2	12.0	52.0
79	26.4	8.1	48.1

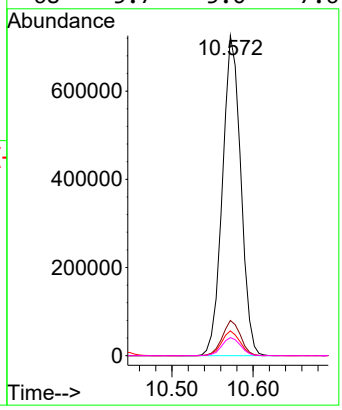




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:136 Resp: 114031

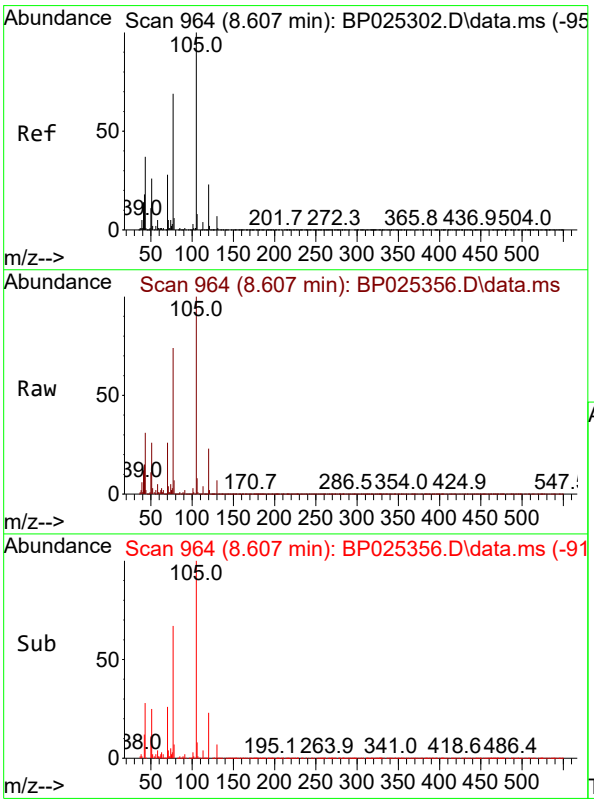
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	7.0	10.6
68	5.7	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

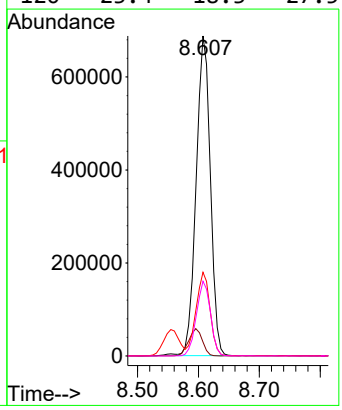
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

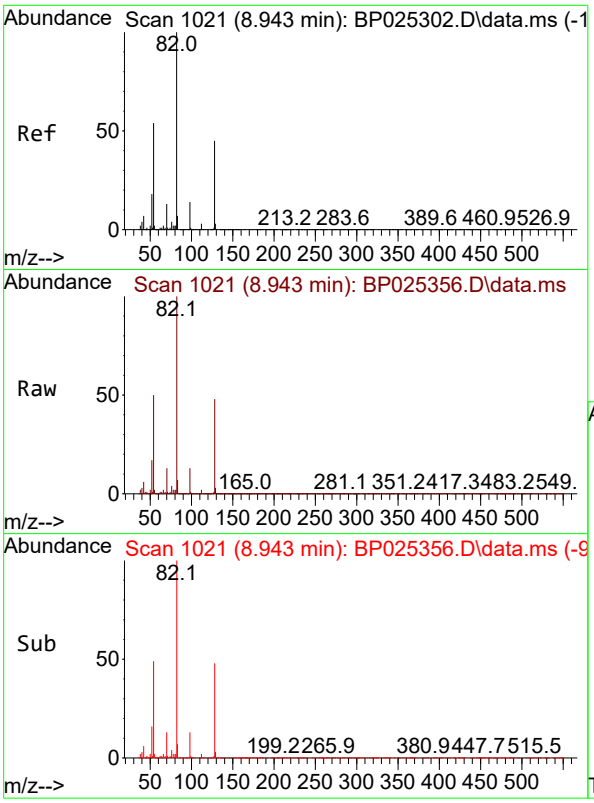


#22
Acetophenone
Concen: 38.868 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:105 Resp: 1112654

Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.1	6.1
51	26.2	22.7	34.1
120	23.4	18.3	27.5

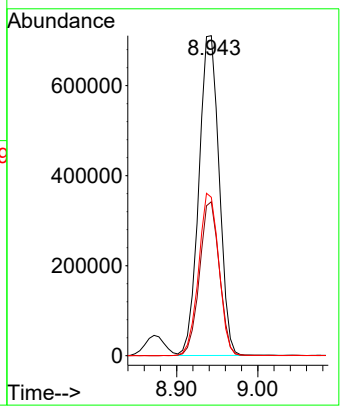




#23
Nitrobenzene-d5
Concen: 59.809 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 82 Resp: 123103

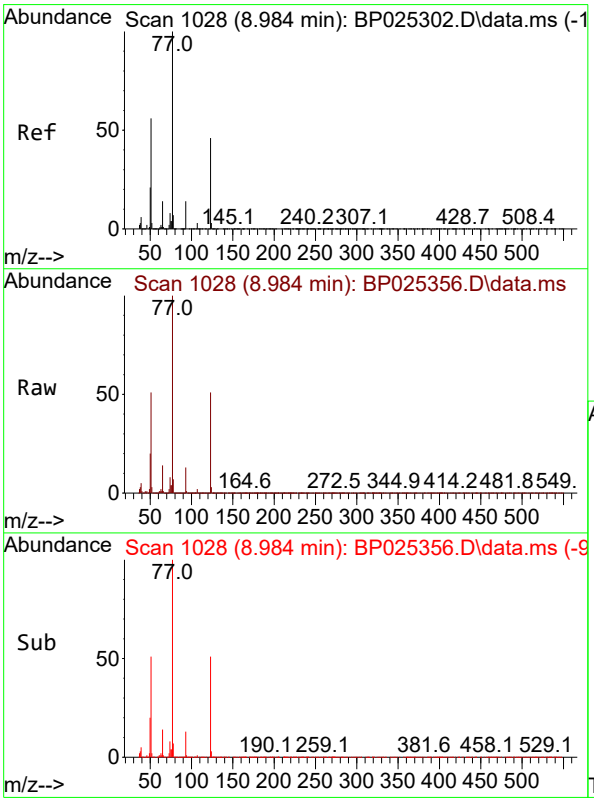
Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.4	53.2
54	49.5	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

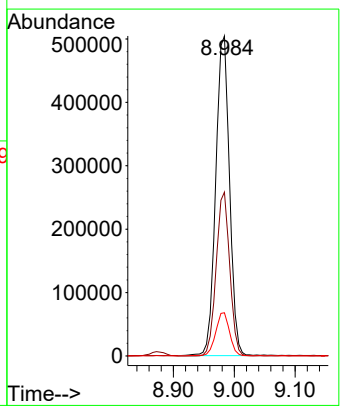
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

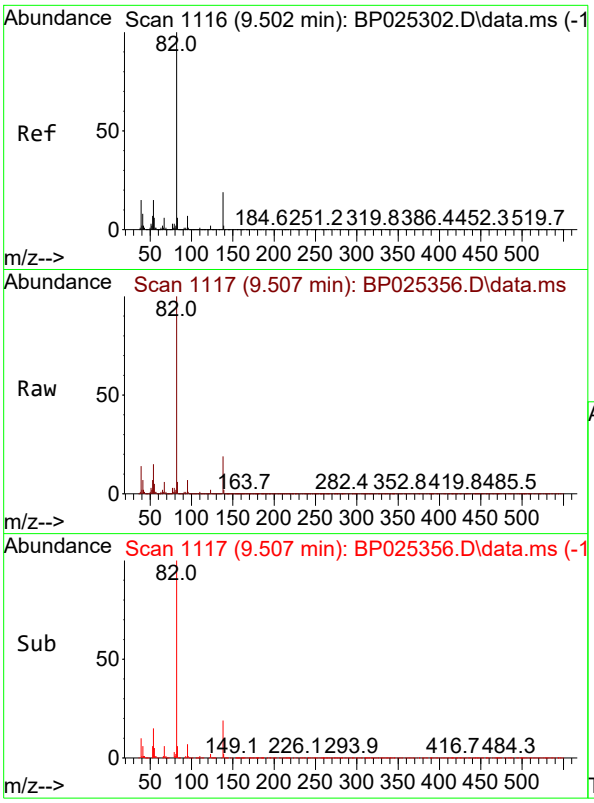


#24
Nitrobenzene
Concen: 40.659 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 77 Resp: 792206

Ion	Ratio	Lower	Upper
77	100		
123	51.2	37.4	56.2
65	13.5	11.1	16.7

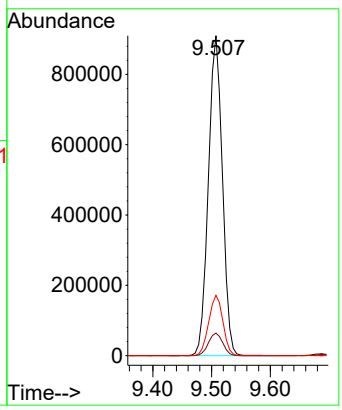




#25
Isophorone
Concen: 36.821 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 82 Resp: 150862

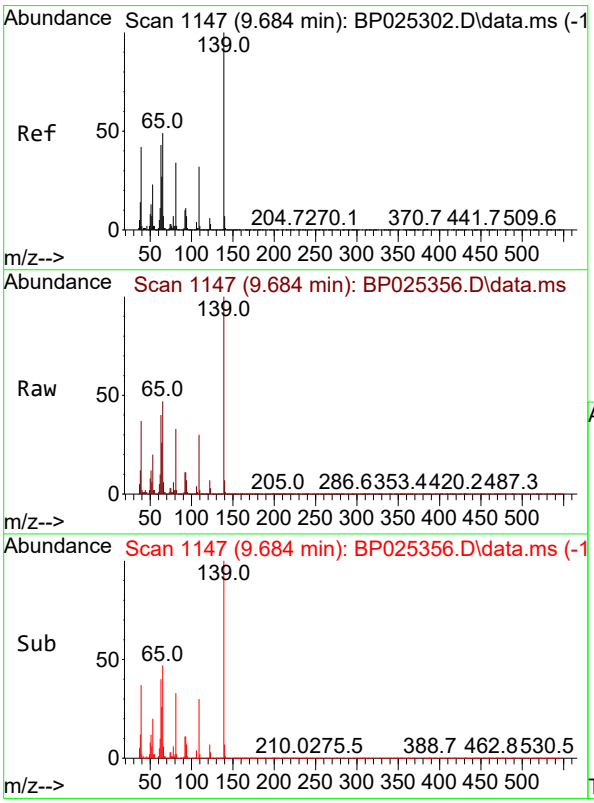
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.9	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

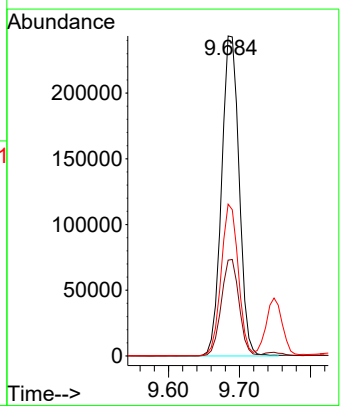
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

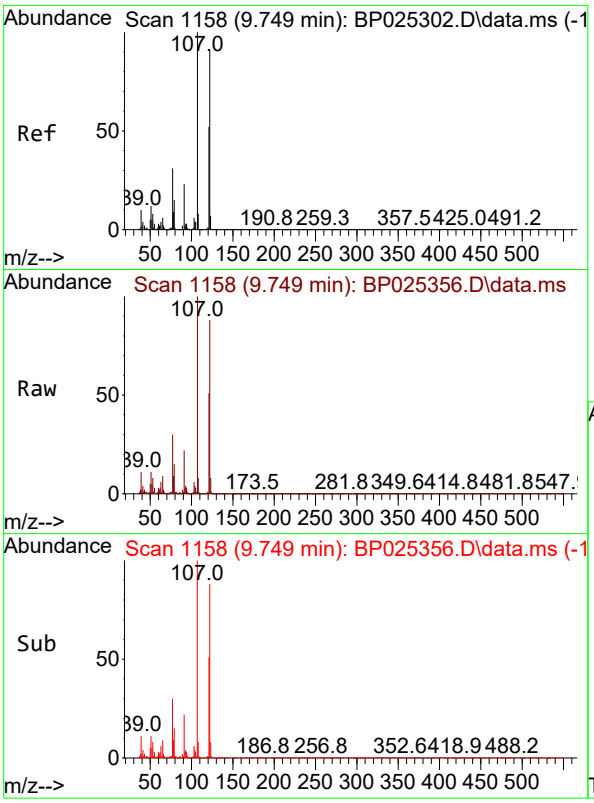


#26
2-Nitrophenol
Concen: 48.915 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:139 Resp: 415799

Ion	Ratio	Lower	Upper
139	100		
109	30.0	25.2	37.8
65	47.4	39.6	59.4

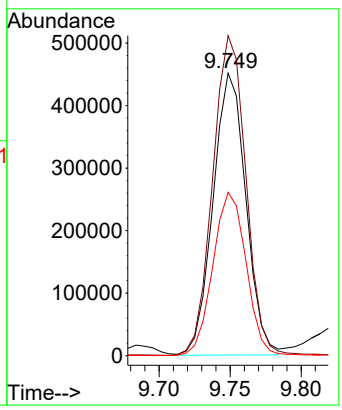




#27
2,4-Dimethylphenol
Concen: 38.350 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:122 Resp: 72441

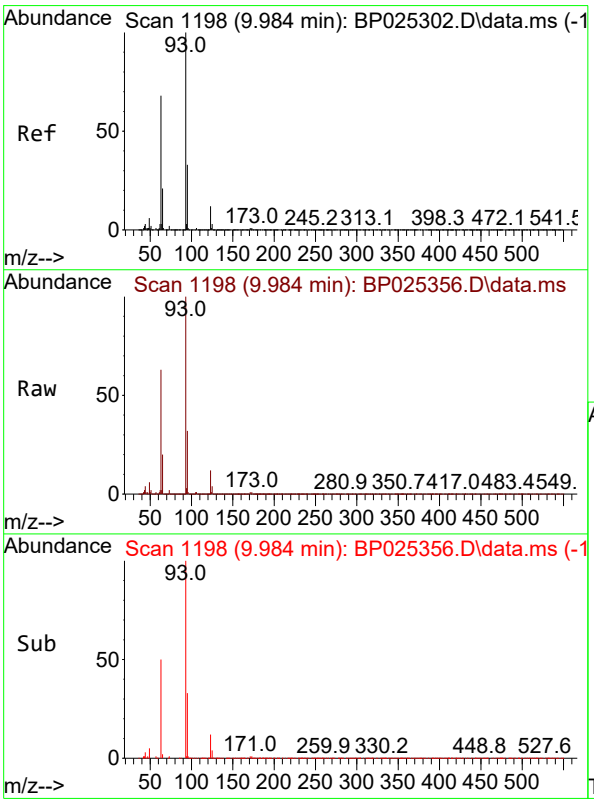
Ion	Ratio	Lower	Upper
122	100		
107	113.2	87.4	131.0
121	57.8	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

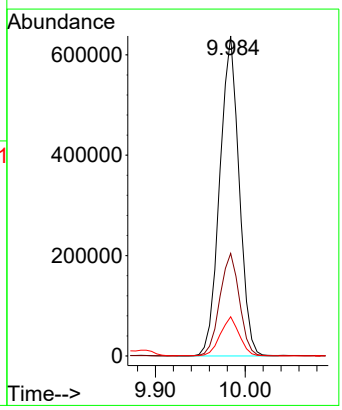
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

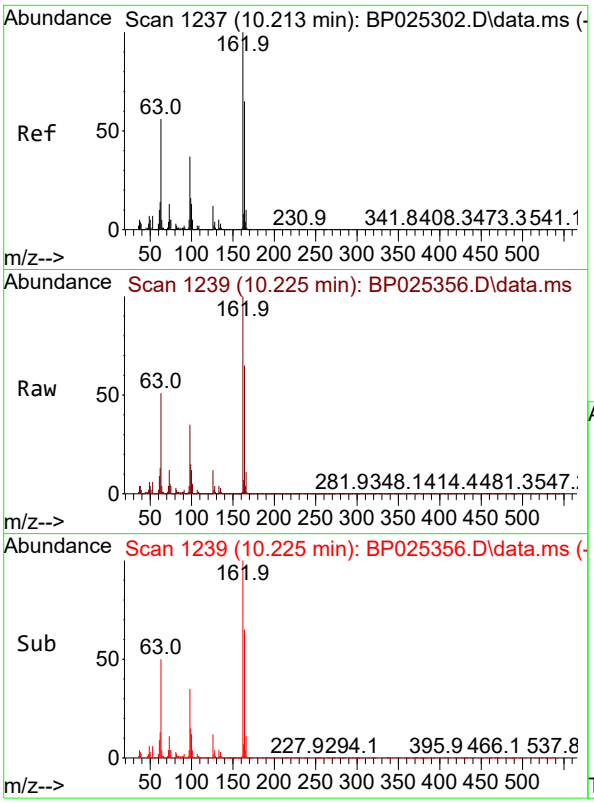


#28
bis(2-Chloroethoxy)methane
Concen: 38.311 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 93 Resp: 954859

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	12.3	9.4	14.2

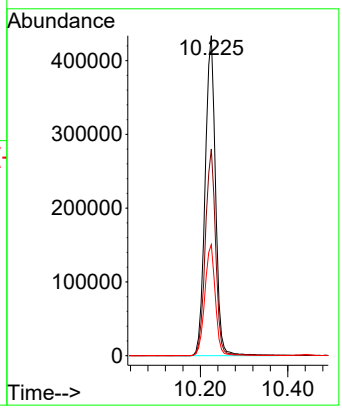




#29
2,4-Dichlorophenol
Concen: 43.459 ng
RT: 10.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:162 Resp: 71870

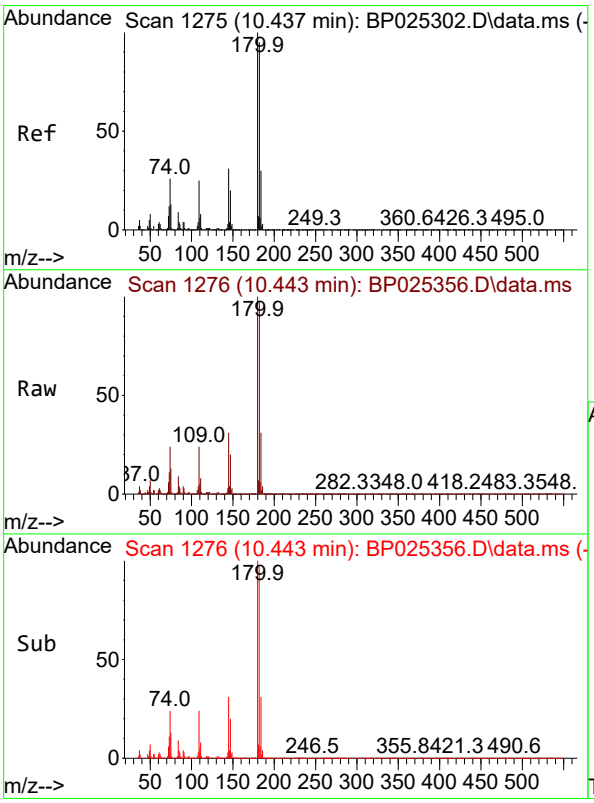
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	34.7	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

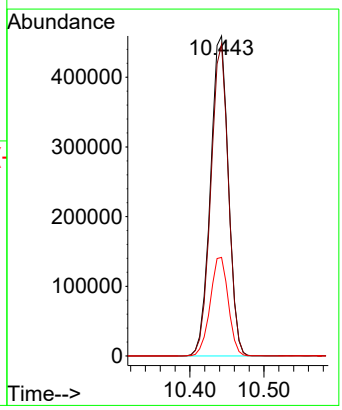
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

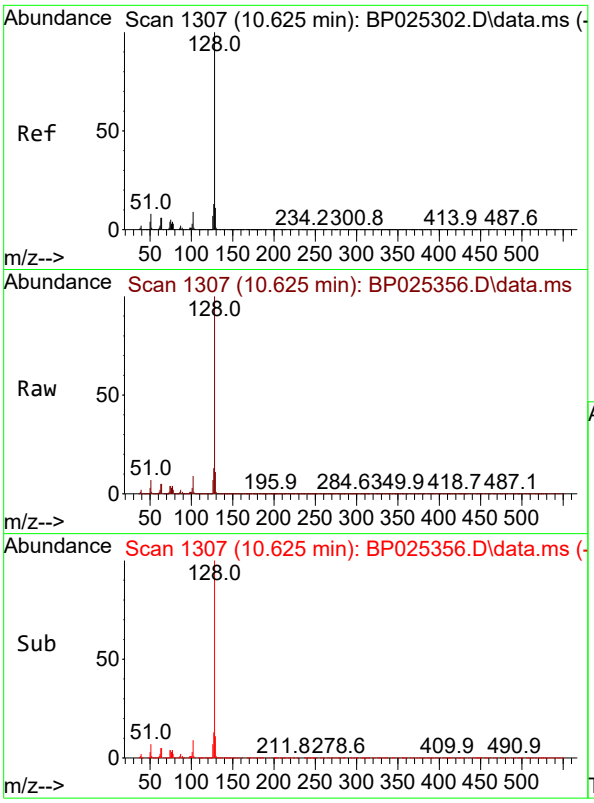


#30
1,2,4-Trichlorobenzene
Concen: 42.178 ng
RT: 10.443 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:180 Resp: 769538

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.8	113.8
145	30.8	25.0	37.4

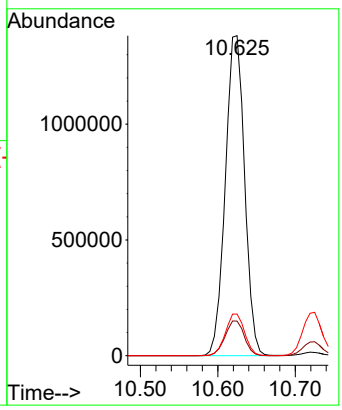




#31
Naphthalene
Concen: 40.493 ng
RT: 10.625 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:128 Resp: 239706

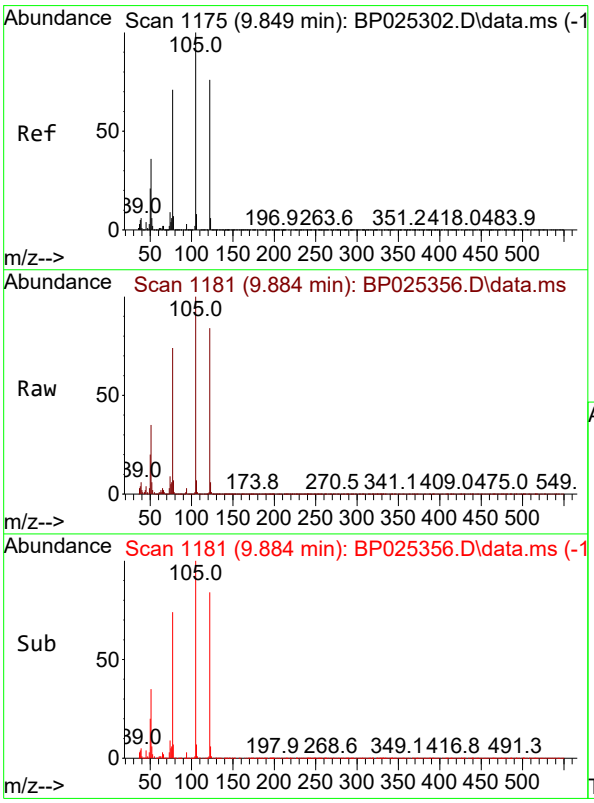
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

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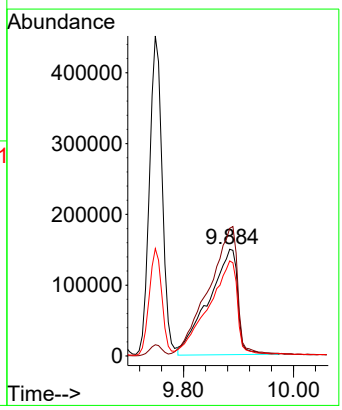
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

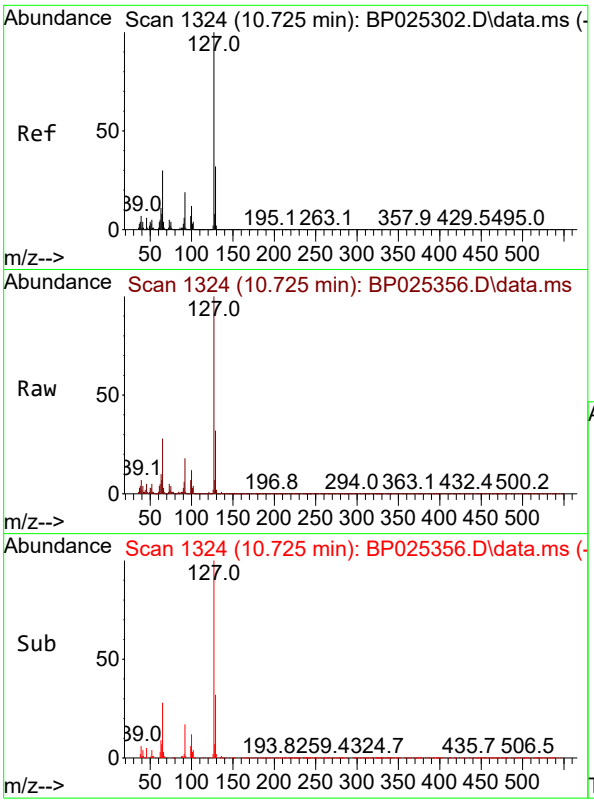


#32
Benzoic acid
Concen: 49.878 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:122 Resp: 546170

Ion	Ratio	Lower	Upper
122	100		
105	119.5	104.0	144.0
77	88.9	71.8	111.8

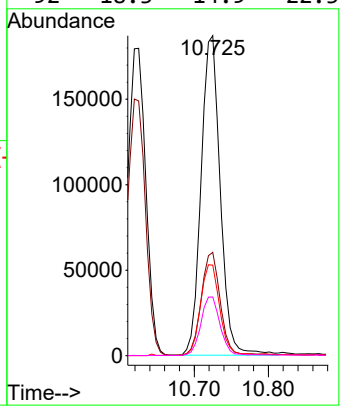




#33
4-Chloroaniline
Concen: 12.772 ng
RT: 10.725 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:127 Resp: 33627

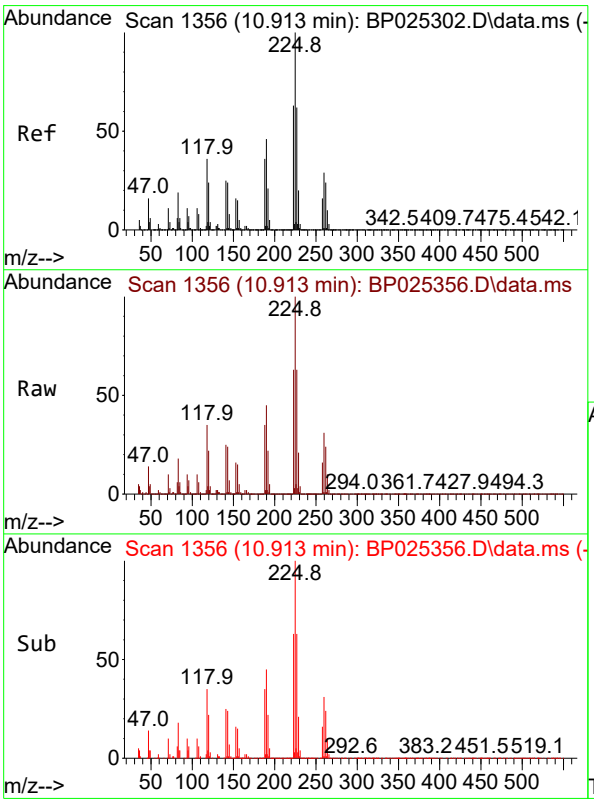
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	28.3	23.6	35.4
92	18.3	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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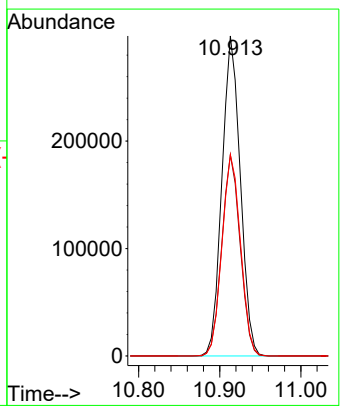
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

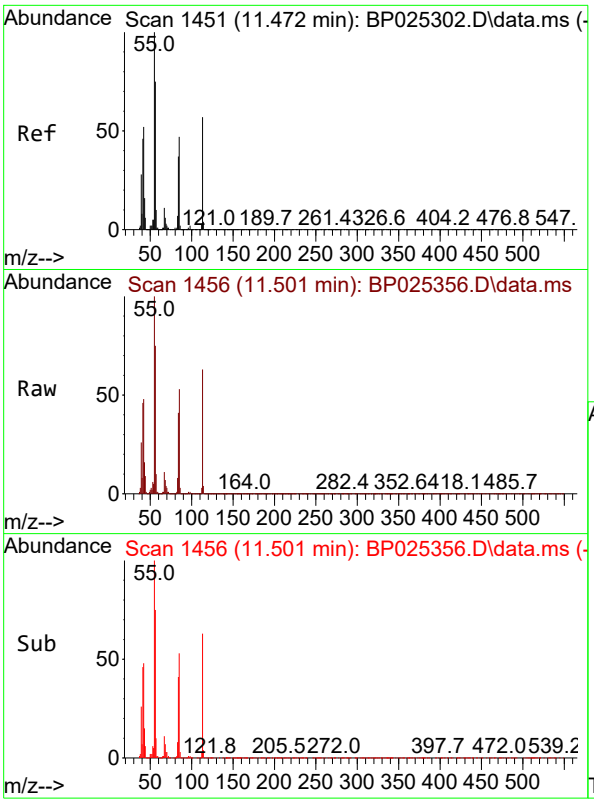


#34
Hexachlorobutadiene
Concen: 44.697 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:225 Resp: 468123

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	62.9	49.7	74.5

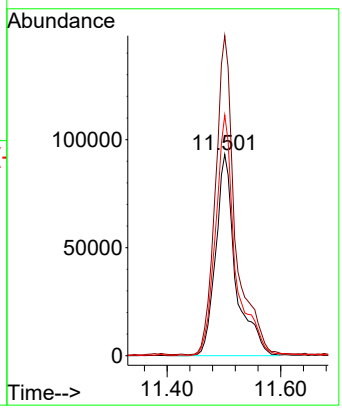




#35
Caprolactam
Concen: 35.445 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:113 Resp: 22739

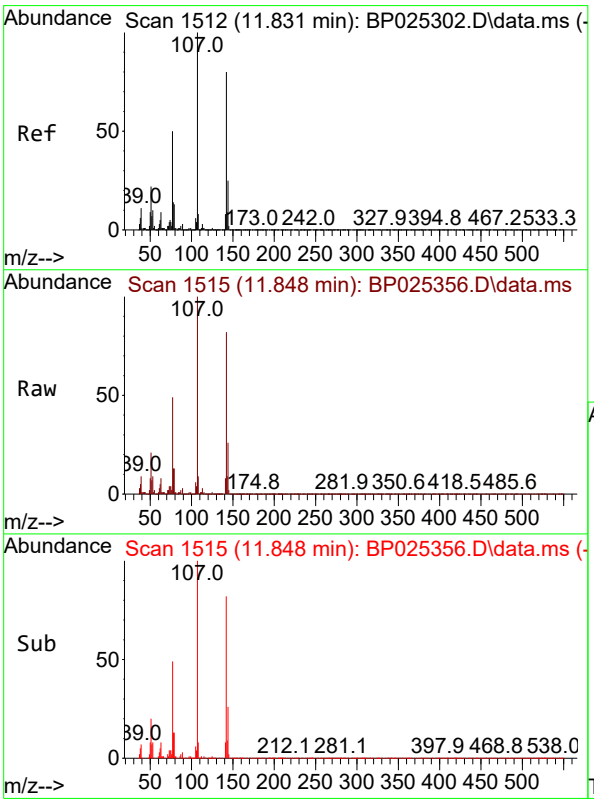
Ion	Ratio	Lower	Upper
113	100		
55	159.0	154.4	194.4
56	119.6	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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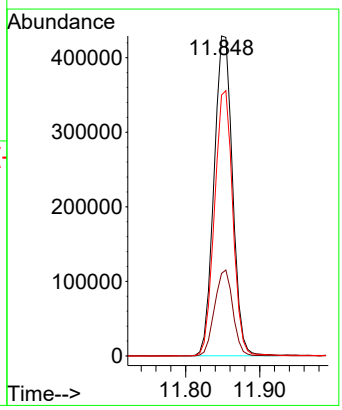
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

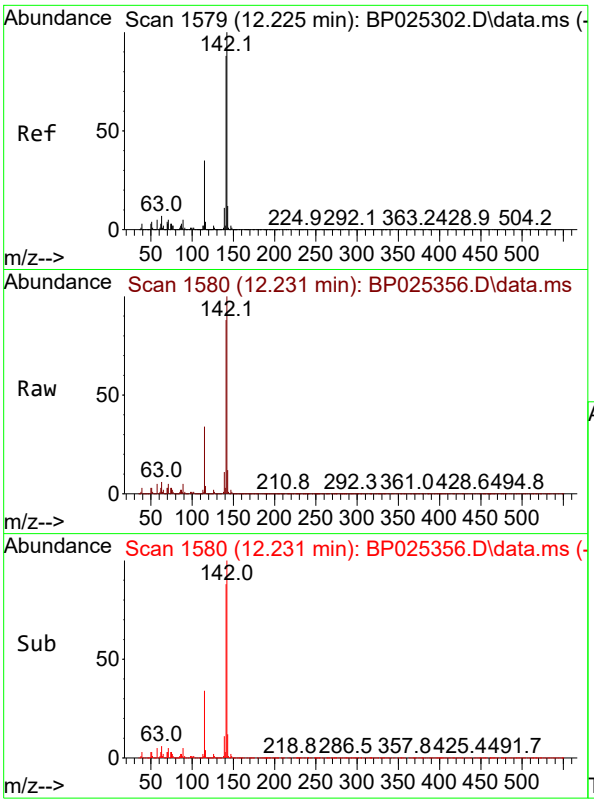


#36
4-Chloro-3-methylphenol
Concen: 38.952 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:107 Resp: 745372

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	81.5	63.7	95.5

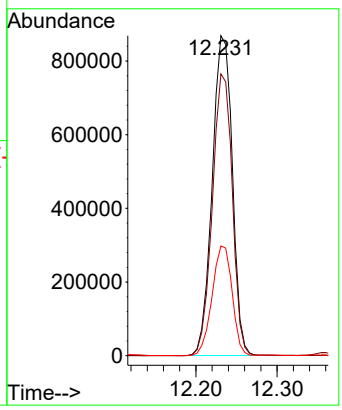




#37
2-Methylnaphthalene
Concen: 39.073 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:142 Resp: 149711

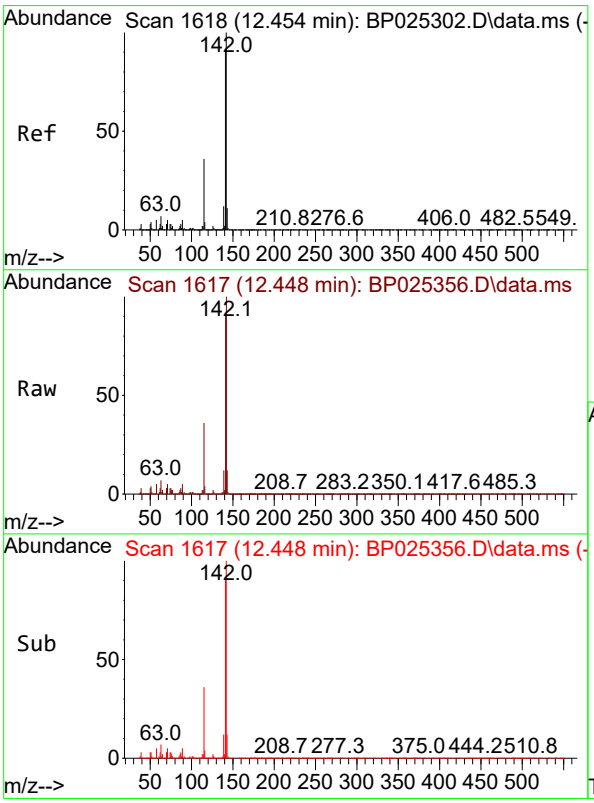
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	34.3	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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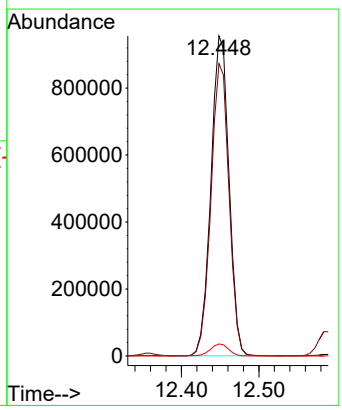
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

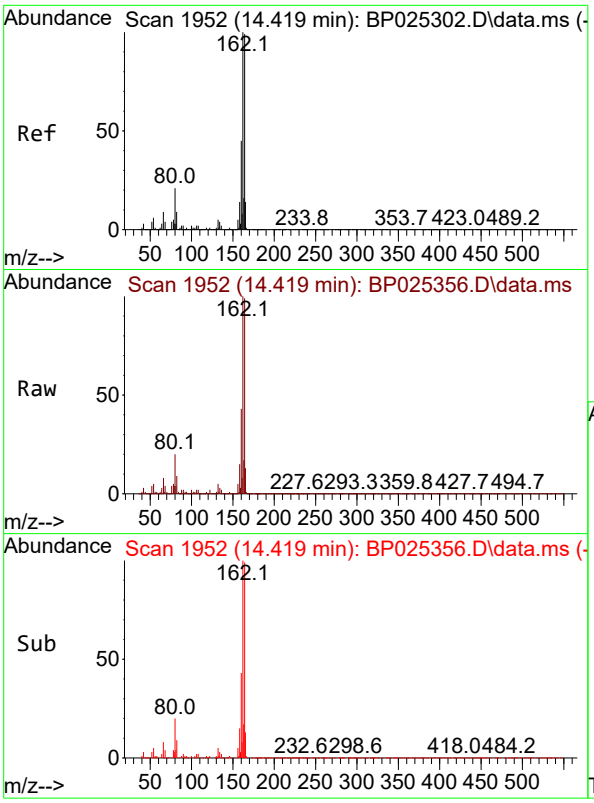


#38
1-Methylnaphthalene
Concen: 38.601 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:142 Resp: 1543248

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.7	3.0	4.6

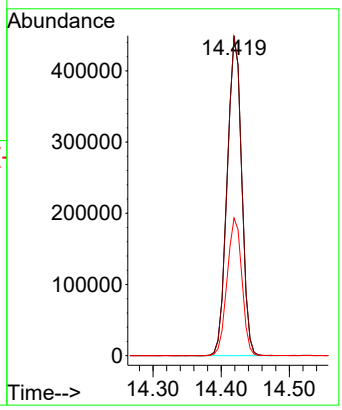




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:164 Resp: 66480

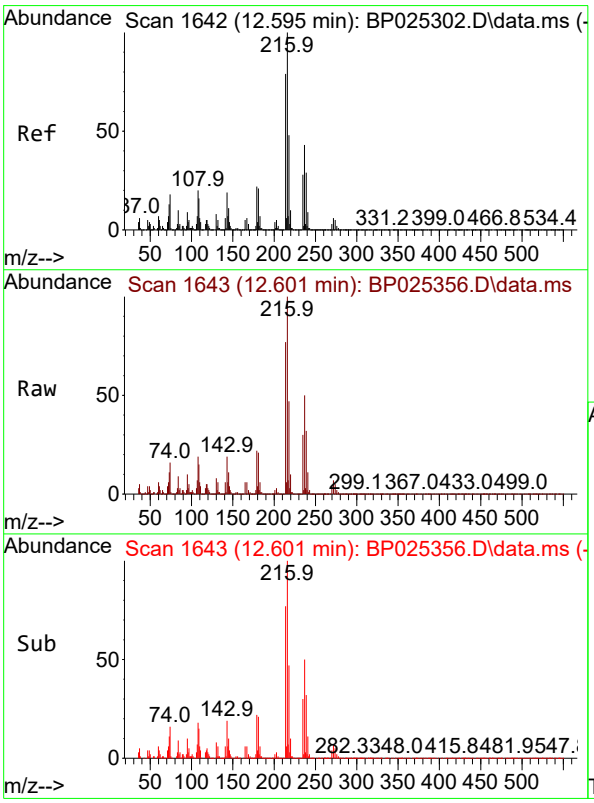
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	43.3	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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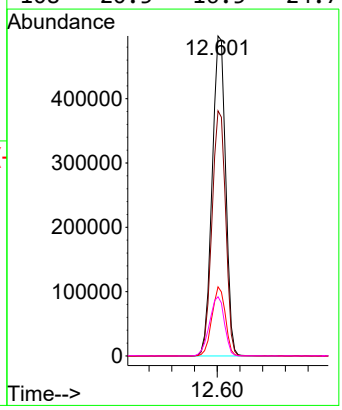
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

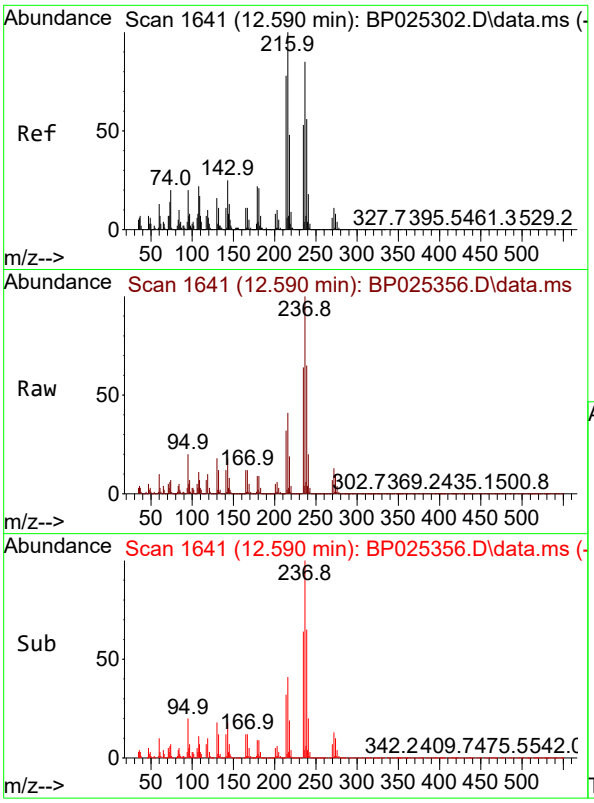


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.004 ng
RT: 12.601 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:216 Resp: 816822

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.4	93.6
179	21.4	17.5	26.3
108	20.5	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 78.240 ng
RT: 12.590 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

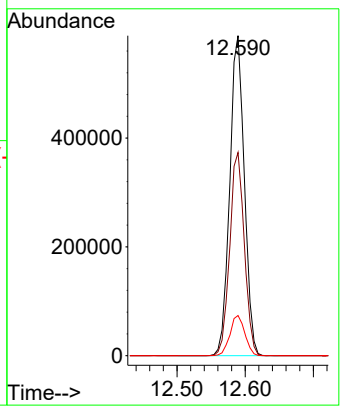
Instrument :
BNA_P
ClientSampleId :
COMP-3MS

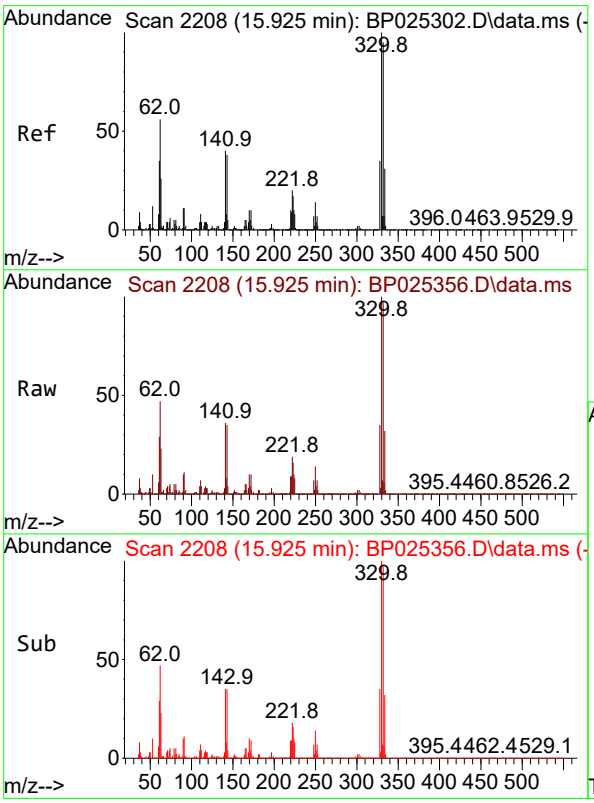
Tgt Ion:237 Resp: 87643

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.2	82.2
272	12.5	0.0	32.8

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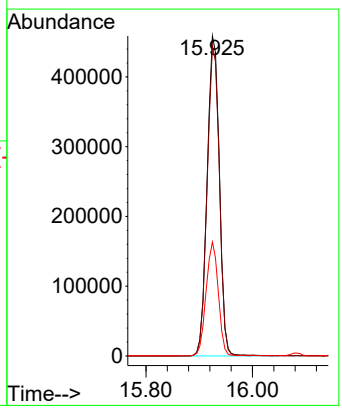


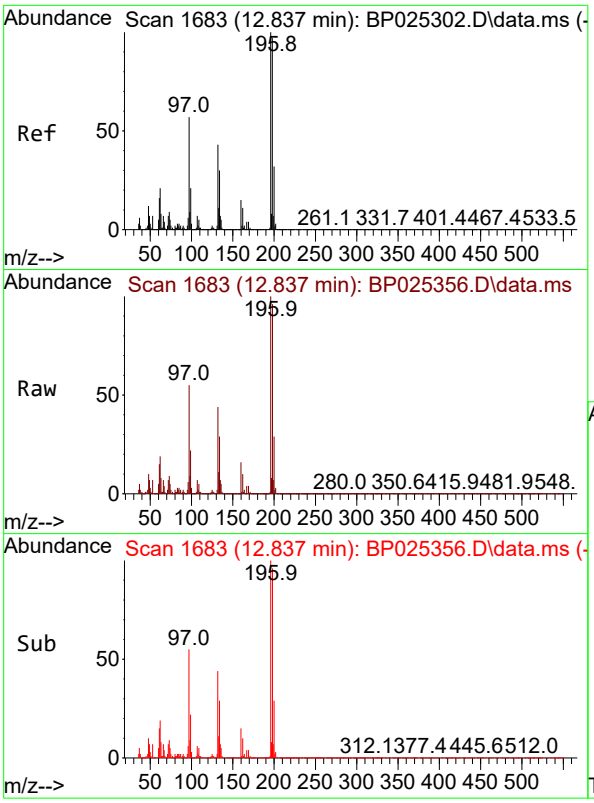


#42
2,4,6-Tribromophenol
Concen: 110.587 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:330 Resp: 733430

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	35.4	31.7	47.5





#43
2,4,6-Trichlorophenol
Concen: 48.134 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

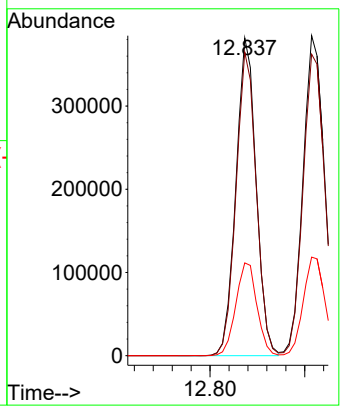
Tgt Ion:196 Resp: 56436

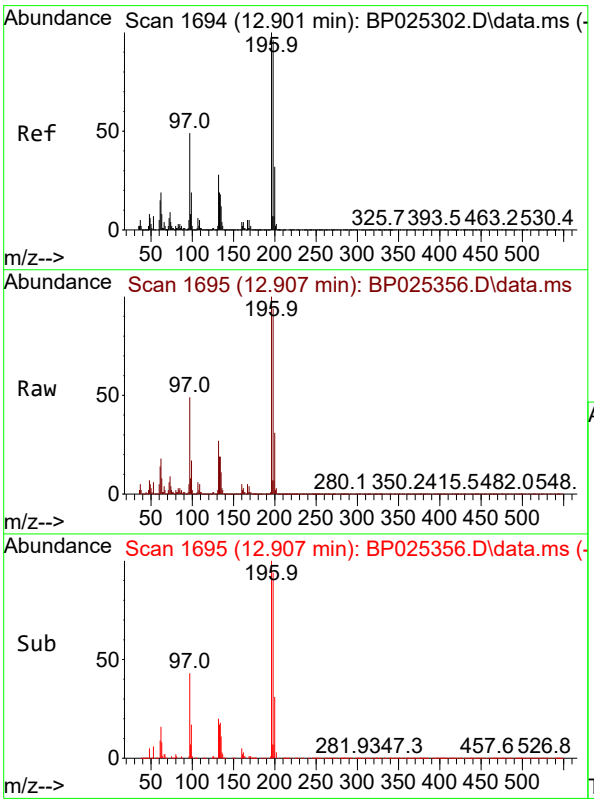
Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
200	29.2	25.4	38.2

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

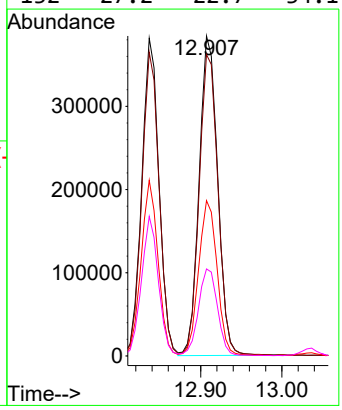


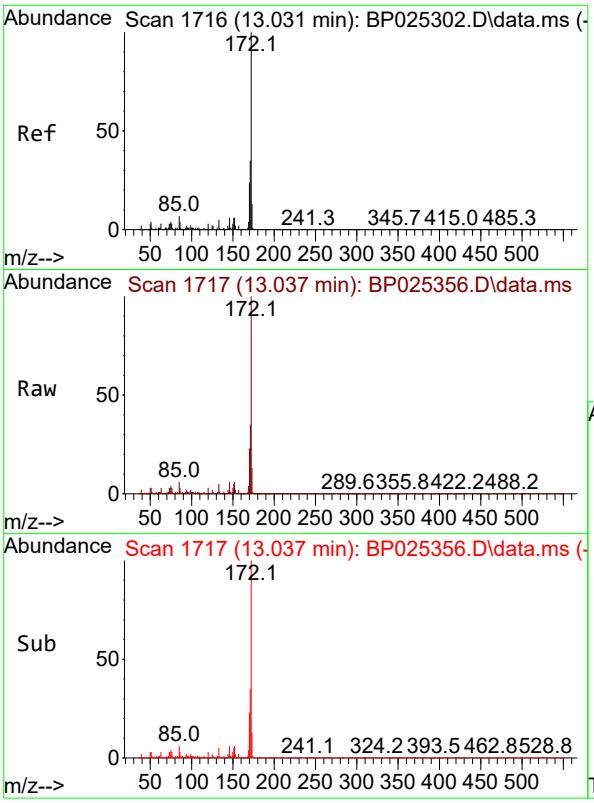


#44
2,4,5-Trichlorophenol
Concen: 46.273 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:196 Resp: 608623

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.6	114.8
97	48.6	39.5	59.3
132	27.2	22.7	34.1

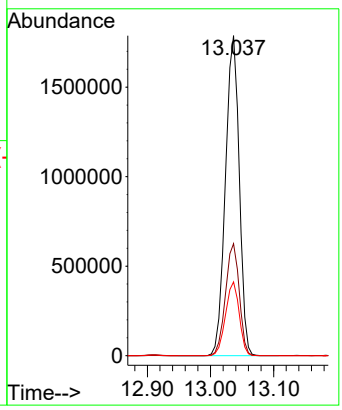




#45
2-Fluorobiphenyl
Concen: 56.344 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:172 Resp: 271194

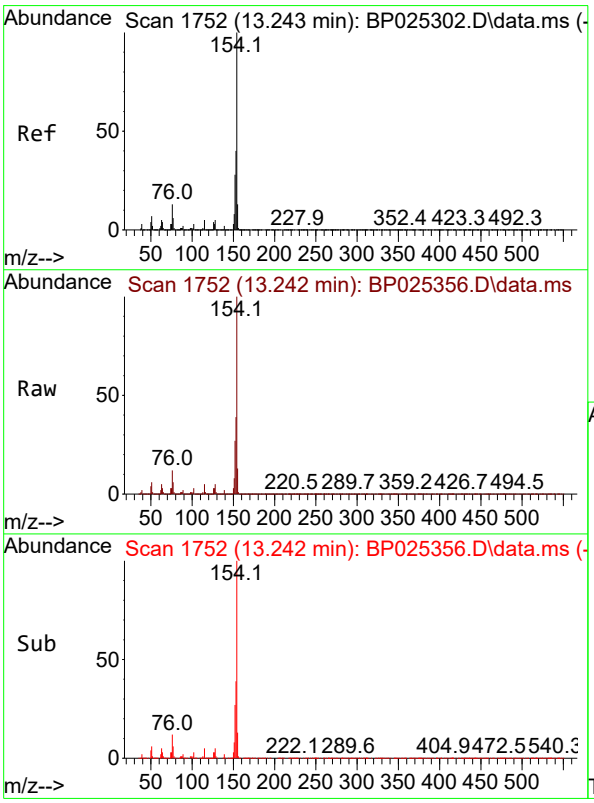
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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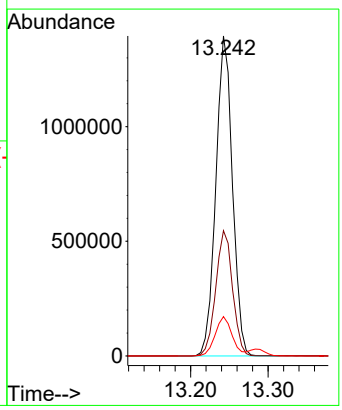
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

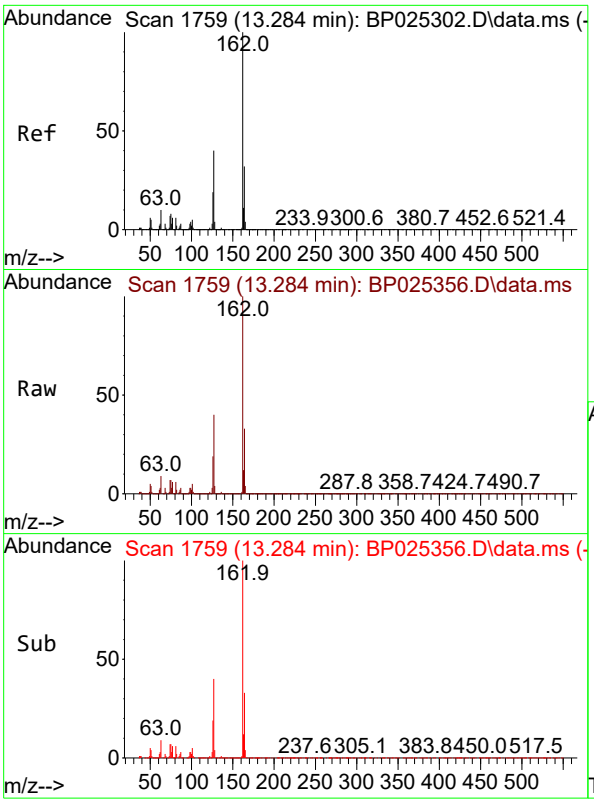


#46
1,1'-Biphenyl
Concen: 42.346 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:154 Resp: 2074615

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.9	59.9
76	12.3	0.0	33.2

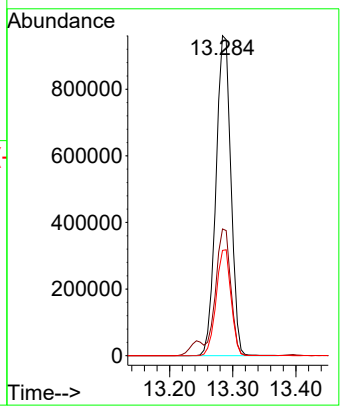




#47
2-Chloronaphthalene
Concen: 42.156 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:162 Resp: 157567

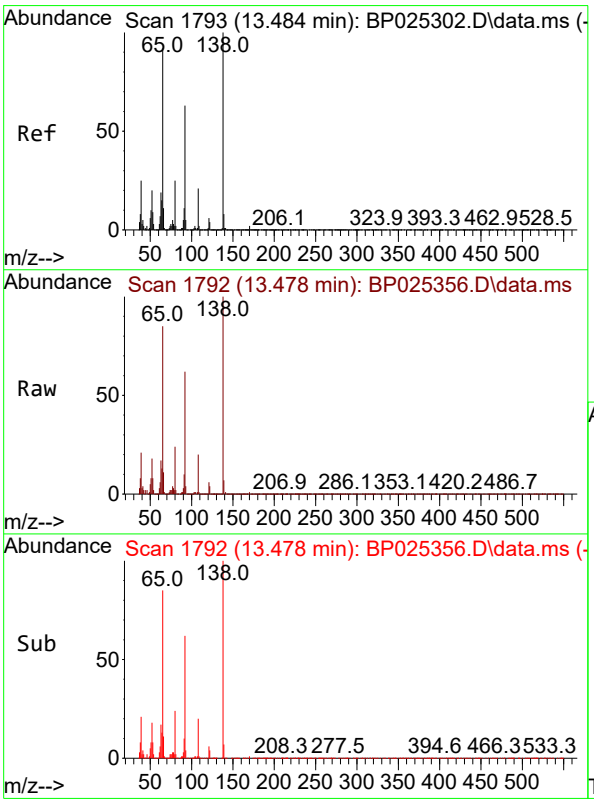
Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.2
164	32.9	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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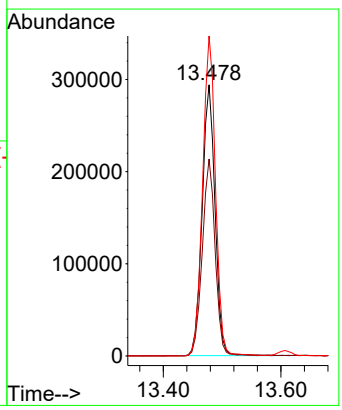
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

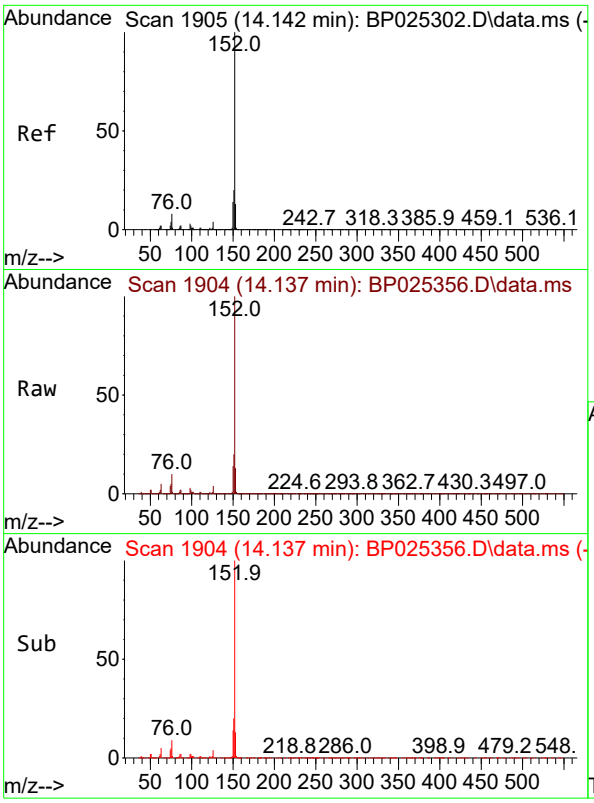


#48
2-Nitroaniline
Concen: 41.245 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 65 Resp: 446724

Ion	Ratio	Lower	Upper
65	100		
92	72.6	54.4	81.6
138	118.0	87.0	130.4

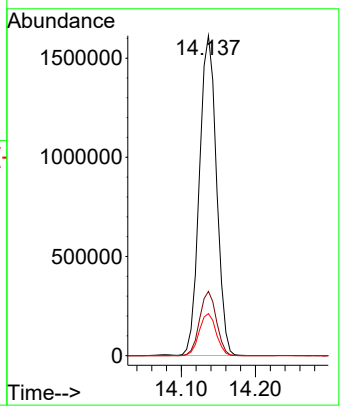




#49
Acenaphthylene
Concen: 41.358 ng
RT: 14.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:152 Resp: 257856

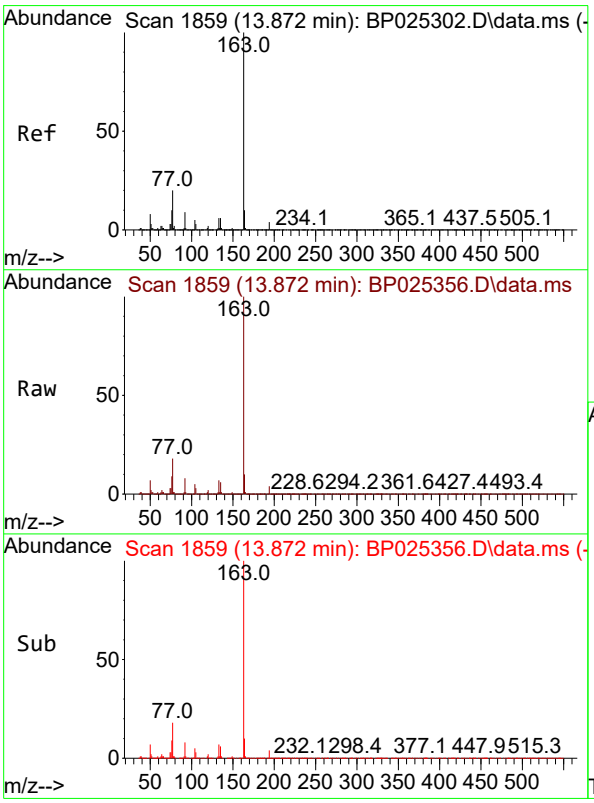
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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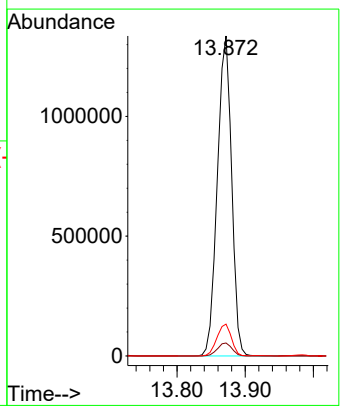
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

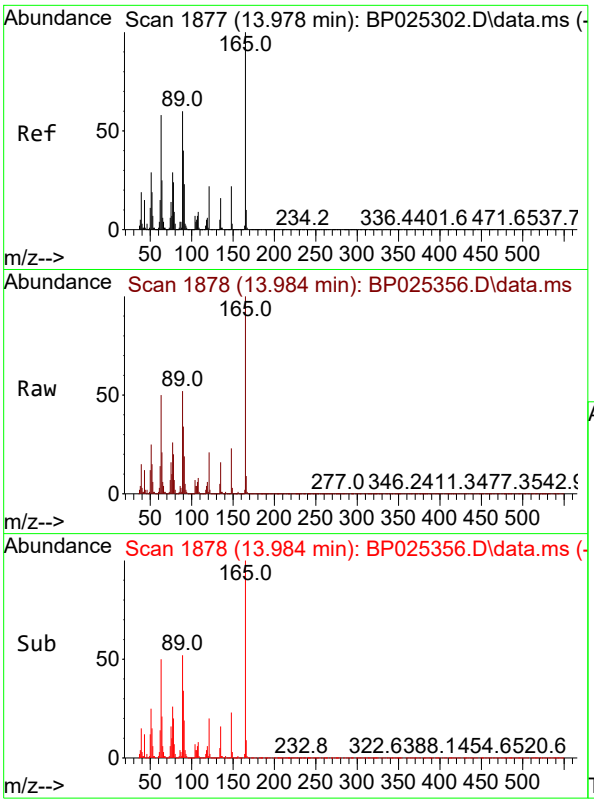


#50
Dimethylphthalate
Concen: 40.095 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:163 Resp: 1943142

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 47.326 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

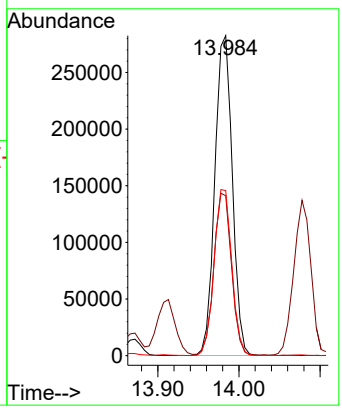
Tgt Ion:165 Resp: 42306

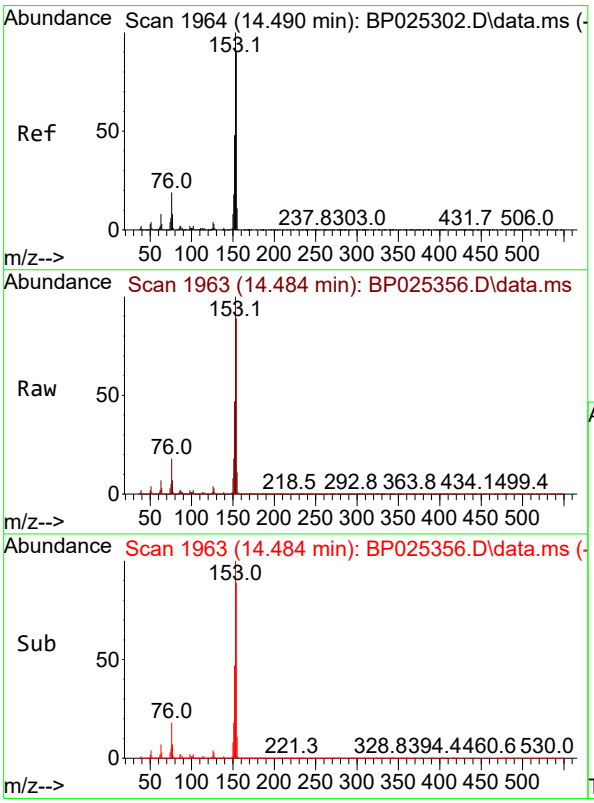
Ion	Ratio	Lower	Upper
165	100		
63	50.0	47.6	71.4
89	51.6	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

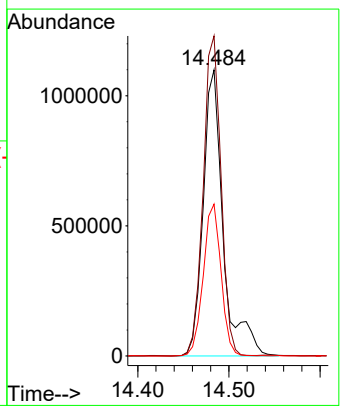


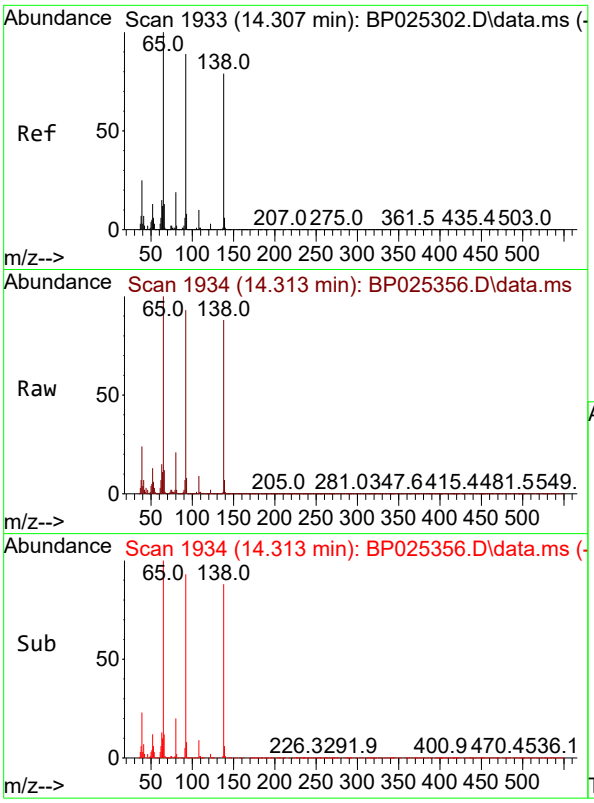


#52
Acenaphthene
Concen: 44.295 ng m
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:154 Resp: 1684516

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.4	134.0
152	53.0	43.0	64.6





#53
3-Nitroaniline
Concen: 20.988 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

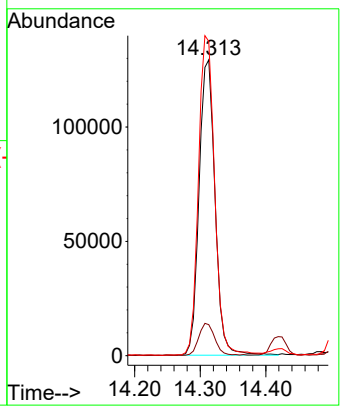
Tgt Ion:138 Resp: 21953

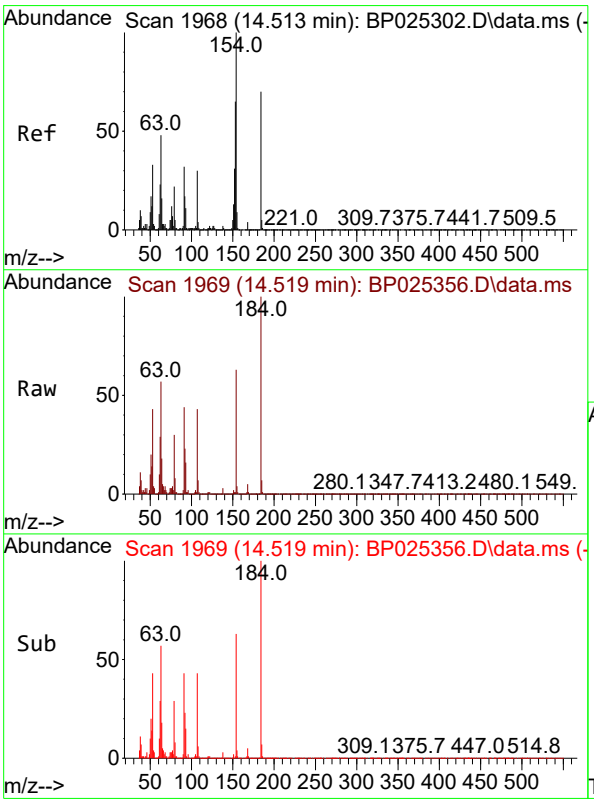
Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7#
92	106.3	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

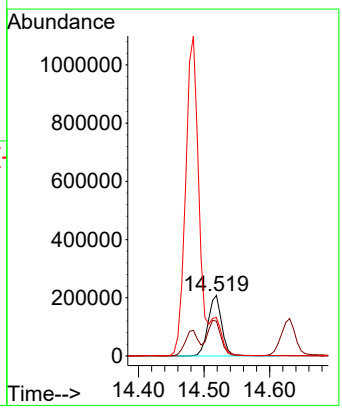


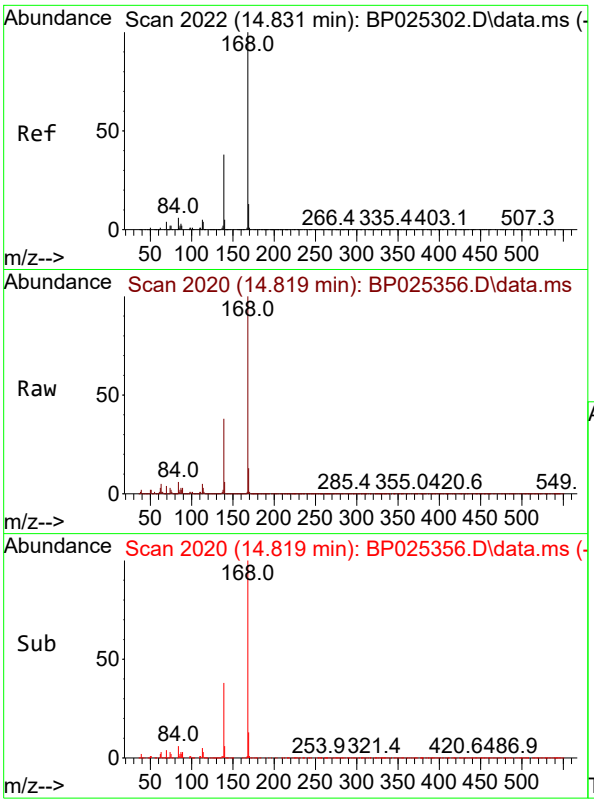


#54
2,4-Dinitrophenol
Concen: 67.280 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:184 Resp: 301467

Ion	Ratio	Lower	Upper
184	100		
63	57.2	56.3	84.5
154	63.5	124.5	186.7#

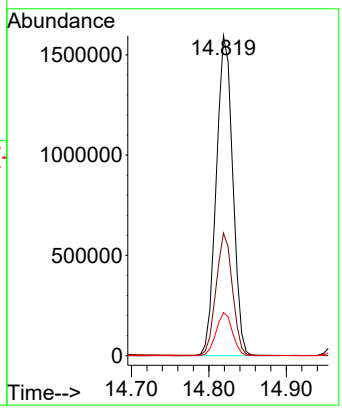




#55
Dibenzofuran
Concen: 41.490 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:168 Resp: 235794

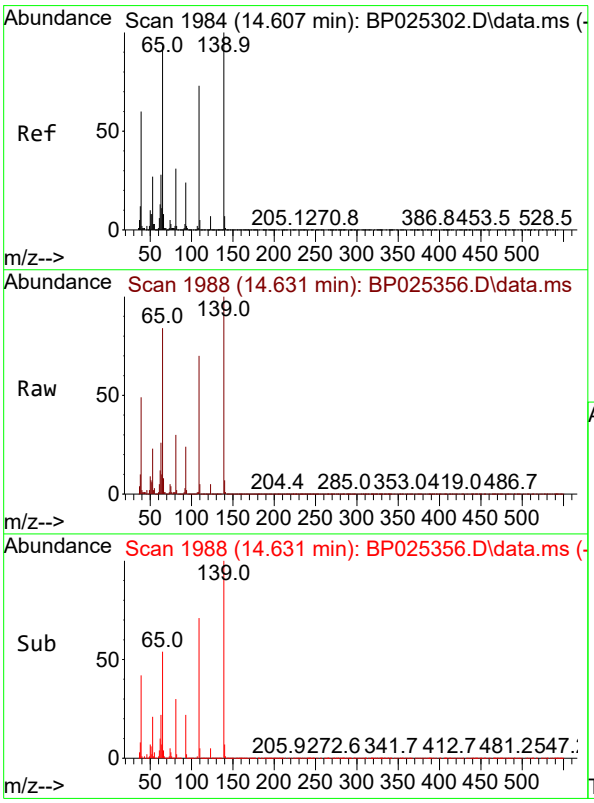
Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	13.4	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

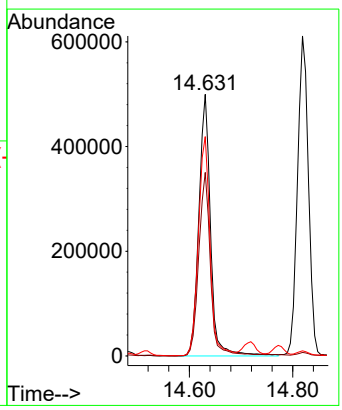
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

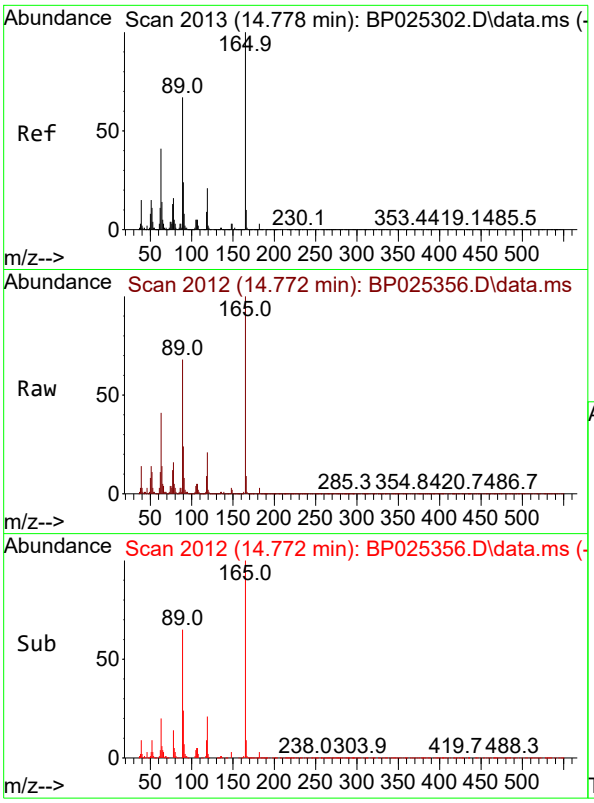


#56
4-Nitrophenol
Concen: 84.979 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:139 Resp: 784495

Ion	Ratio	Lower	Upper
139	100		
109	70.2	52.7	92.7
65	83.9	73.4	113.4

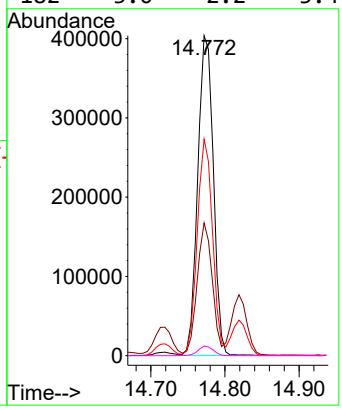




#57
2,4-Dinitrotoluene
Concen: 42.888 ng
RT: 14.772 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:165 Resp: 589159

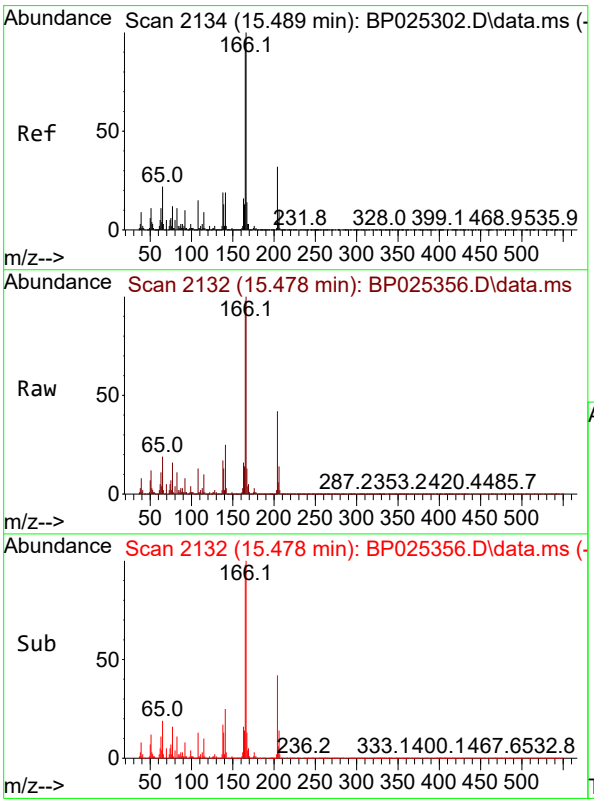
Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.2	49.8
89	67.7	53.5	80.3
182	3.0	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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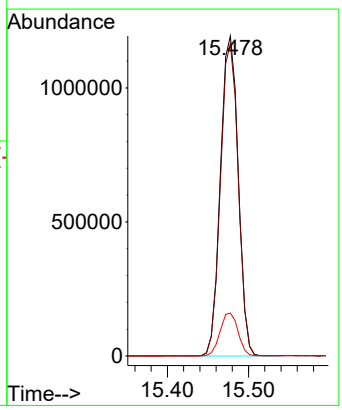
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

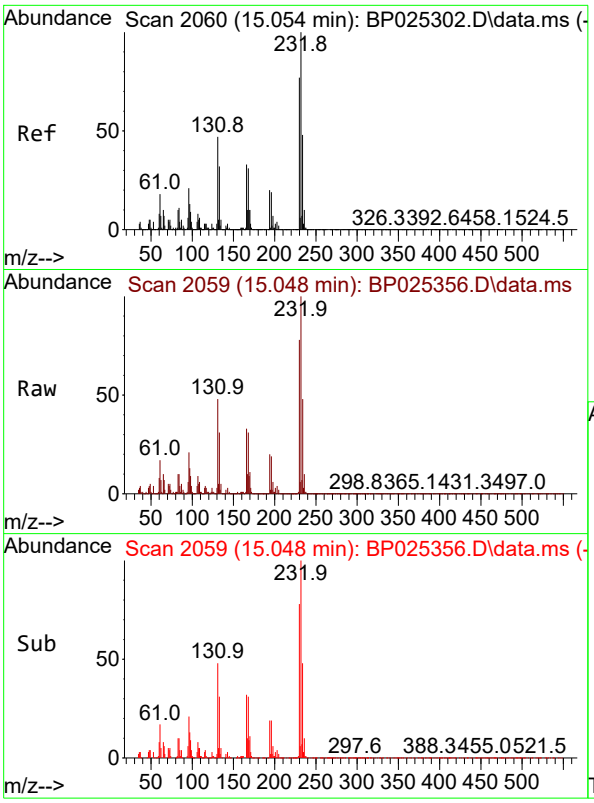


#58
Fluorene
Concen: 40.744 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:166 Resp: 1818633

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.7	115.1
167	13.4	10.9	16.3

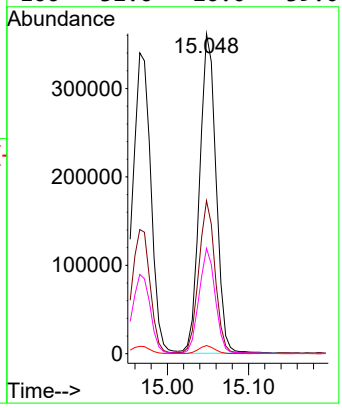




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.140 ng
RT: 15.048 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:232 Resp: 50692

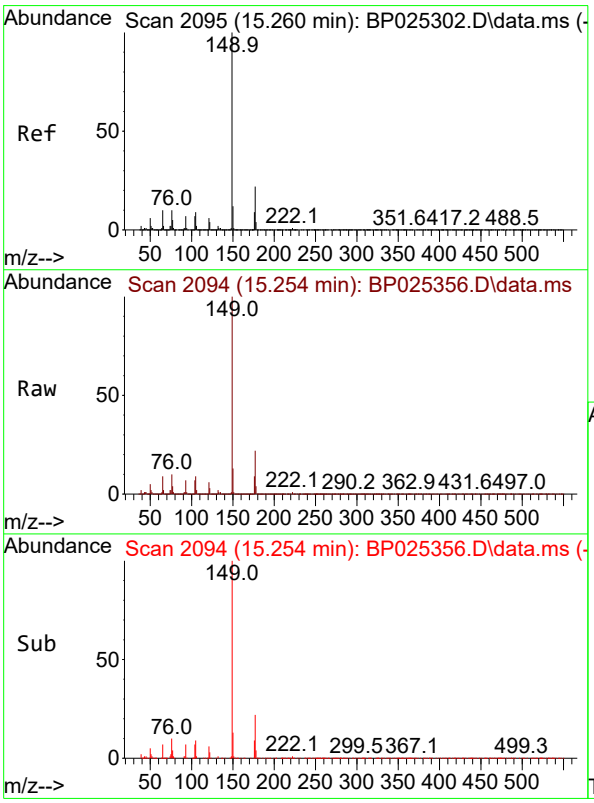
Ion	Ratio	Lower	Upper
232	100		
131	47.7	39.3	58.9
130	2.5	2.2	3.2
166	32.6	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

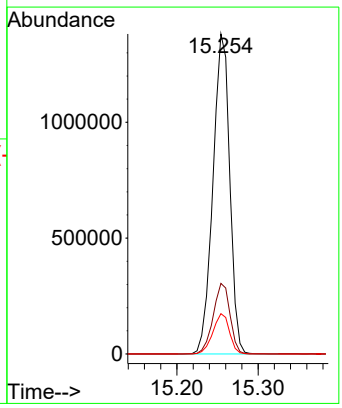
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

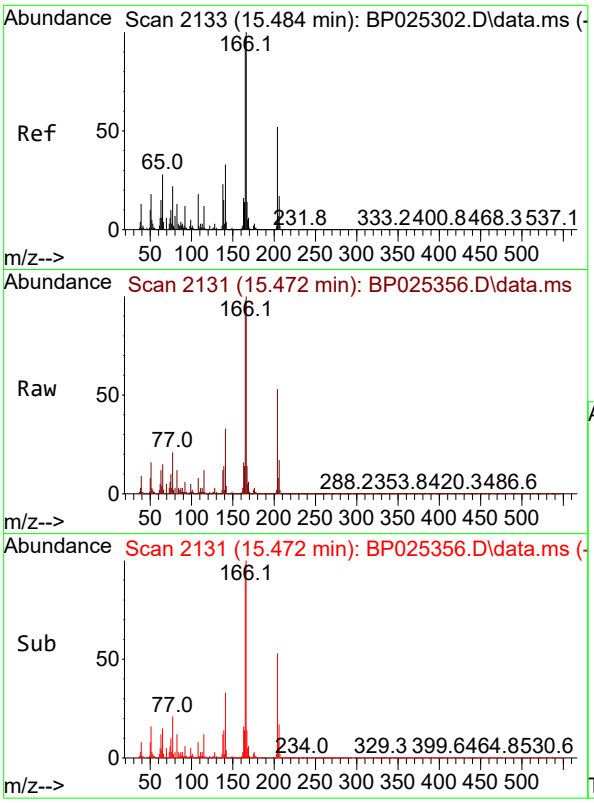


#60
Diethylphthalate
Concen: 40.619 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:149 Resp: 1984652

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.6	9.8	14.8

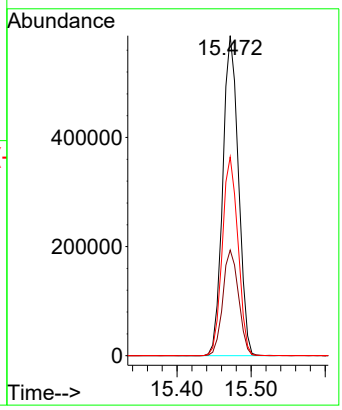




#61
4-Chlorophenyl-phenylether
Concen: 40.706 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:204 Resp: 86137

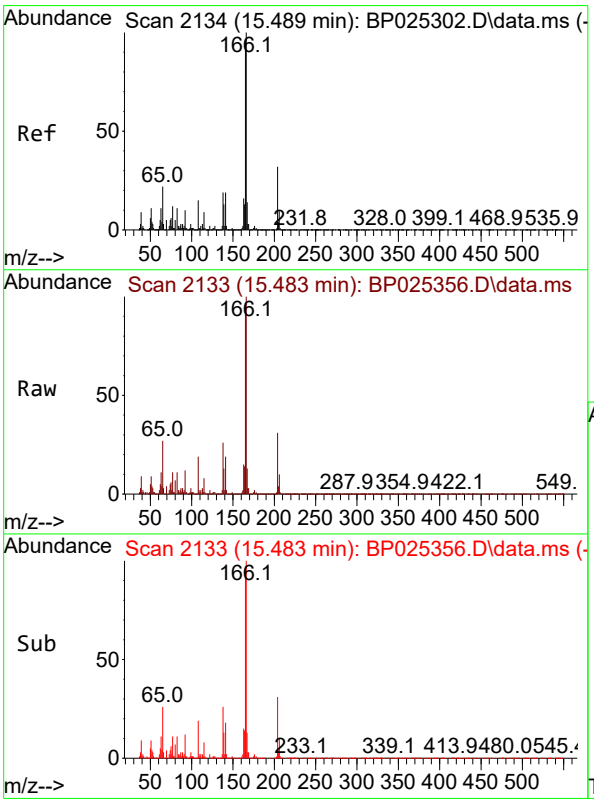
Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.0	40.4
141	62.1	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

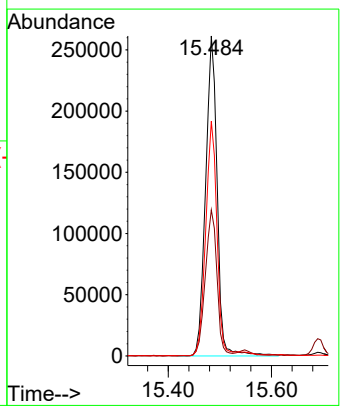
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

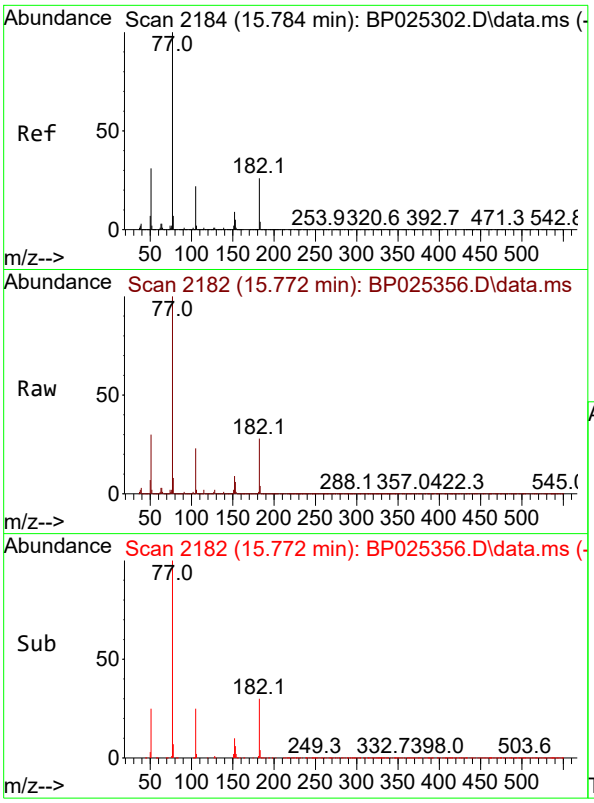


#62
4-Nitroaniline
Concen: 39.144 ng
RT: 15.483 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:138 Resp: 405711

Ion	Ratio	Lower	Upper
138	100		
92	45.6	29.8	69.8
108	73.4	56.6	96.6

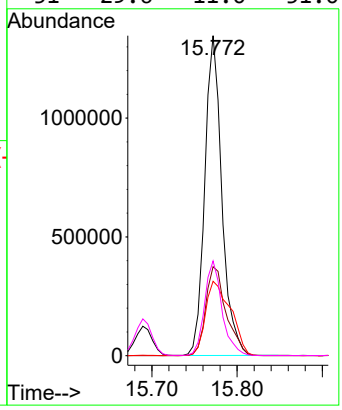




#63
Azobenzene
Concen: 41.360 ng
RT: 15.772 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion: 77 Resp: 187734

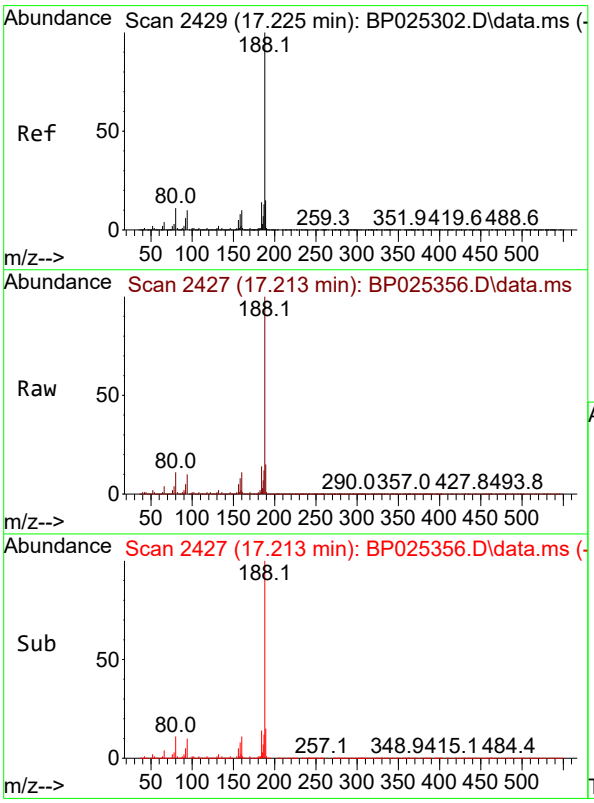
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.0	46.0
105	23.3	2.1	42.1
51	29.6	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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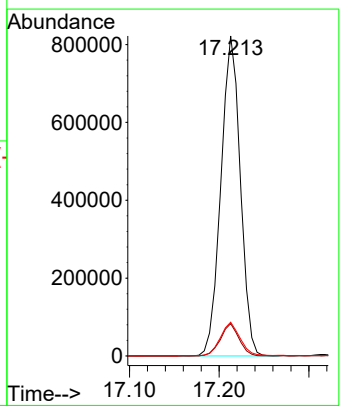
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

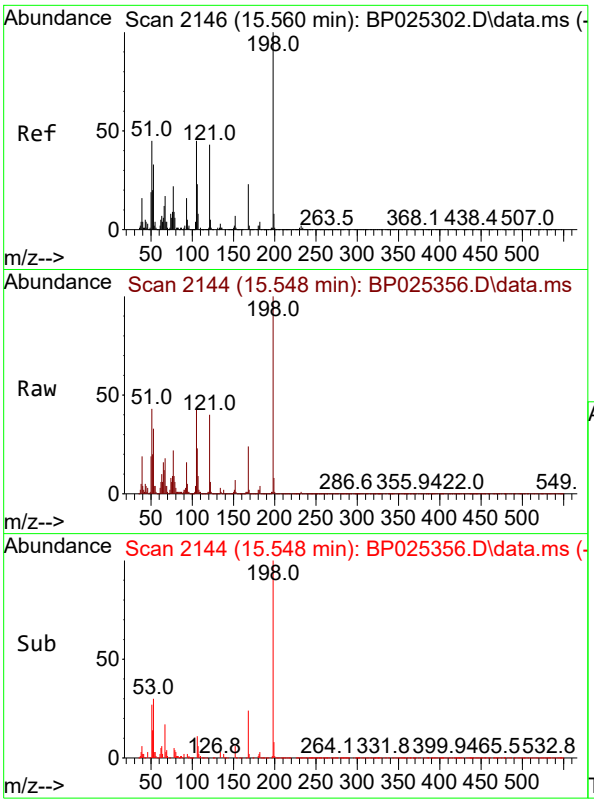


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:188 Resp: 1234287

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	10.5	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 45.682 ng
RT: 15.548 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

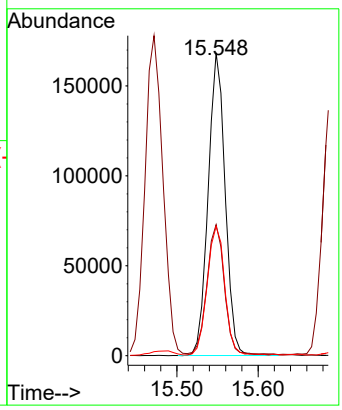
Instrument :
BNA_P
ClientSampleId :
COMP-3MS

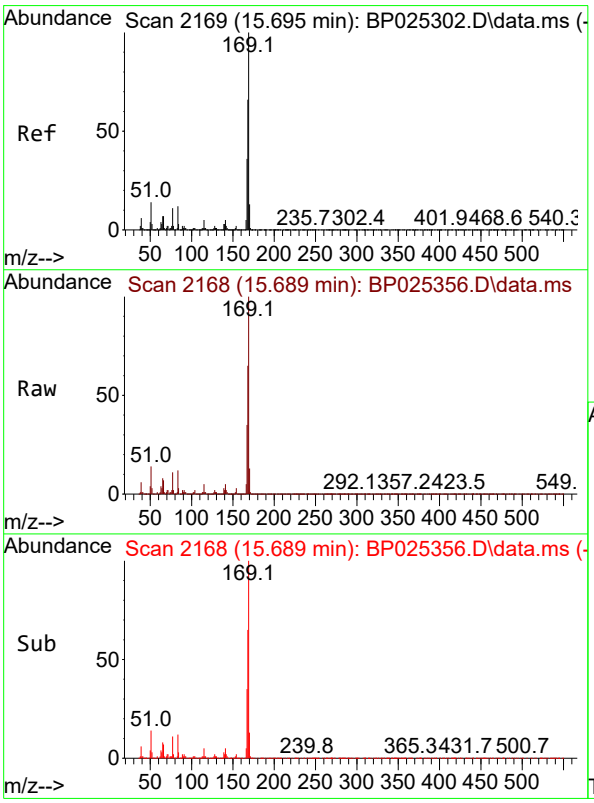
Tgt Ion:198 Resp: 24500

Ion	Ratio	Lower	Upper
198	100		
51	43.3	26.7	66.7
105	42.7	25.6	65.6

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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

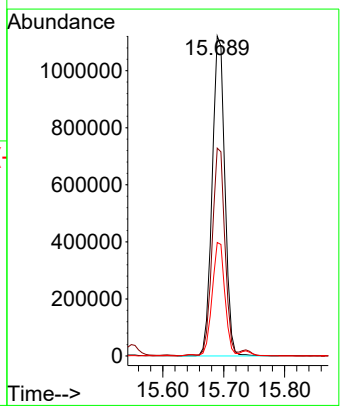


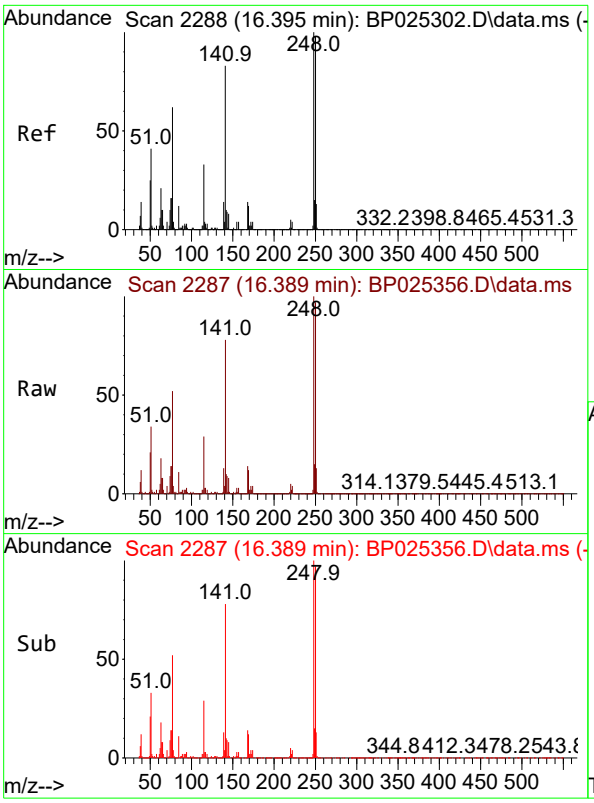


#66
n-Nitrosodiphenylamine
Concen: 43.258 ng
RT: 15.689 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:169 Resp: 1625700

Ion	Ratio	Lower	Upper
169	100		
168	64.9	52.8	79.2
167	35.5	28.5	42.7

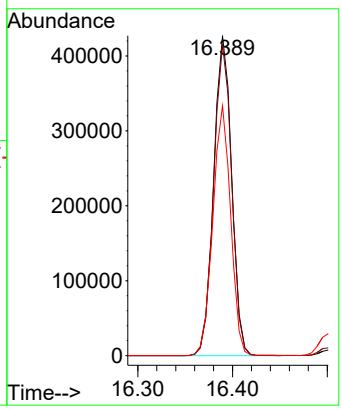




#67
4-Bromophenyl-phenylether
Concen: 45.439 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:248 Resp: 56430

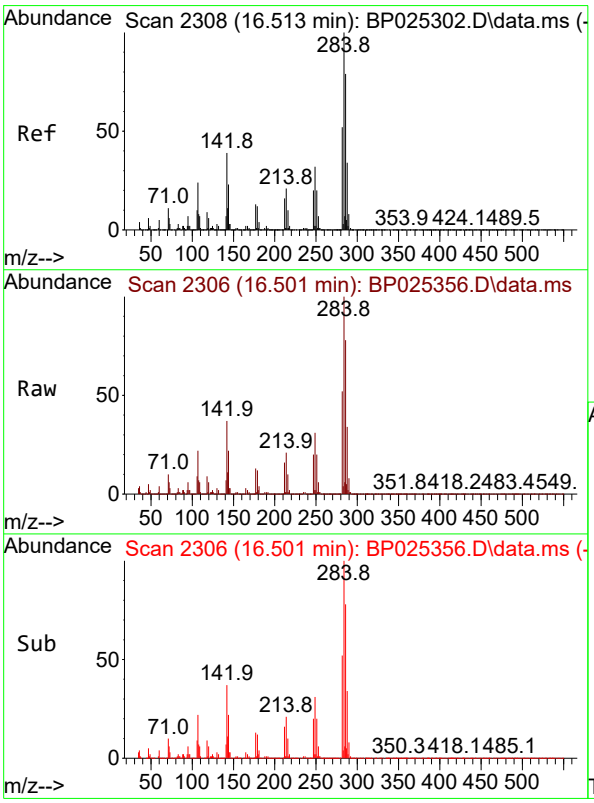
Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.6	117.8
141	78.1	66.6	99.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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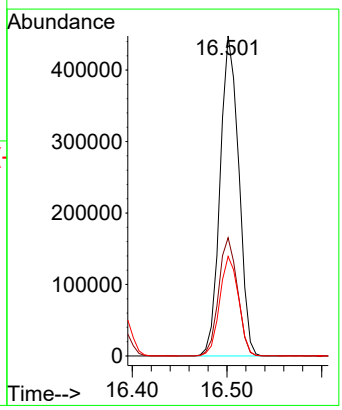
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

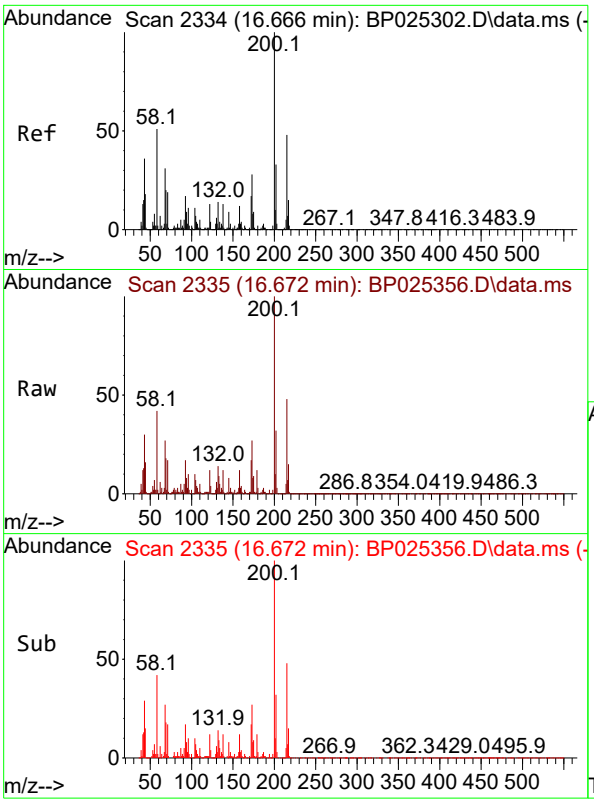


#68
Hexachlorobenzene
Concen: 44.035 ng
RT: 16.501 min Scan# 2306
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:284 Resp: 613631

Ion	Ratio	Lower	Upper
284	100		
142	36.9	30.8	46.2
249	31.1	25.4	38.0

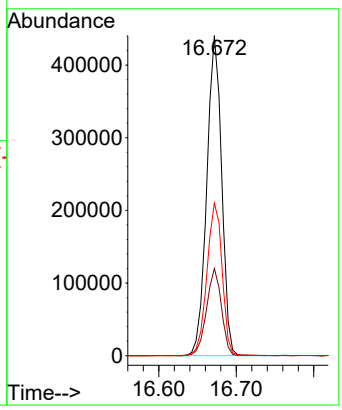




#69
Atrazine
Concen: 44.399 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:200 Resp: 58680

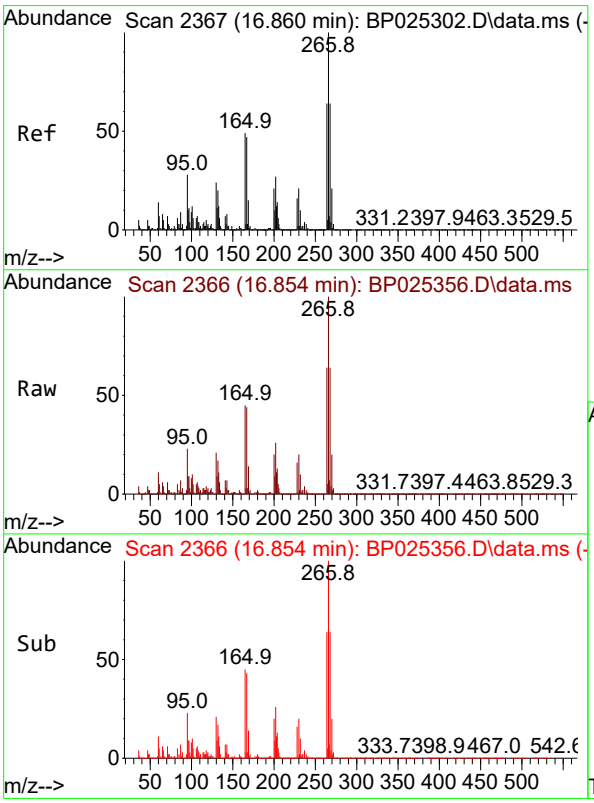
Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.2	48.2
215	47.7	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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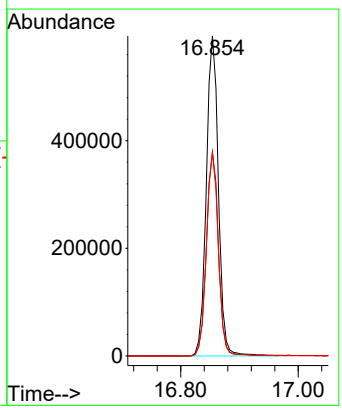
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

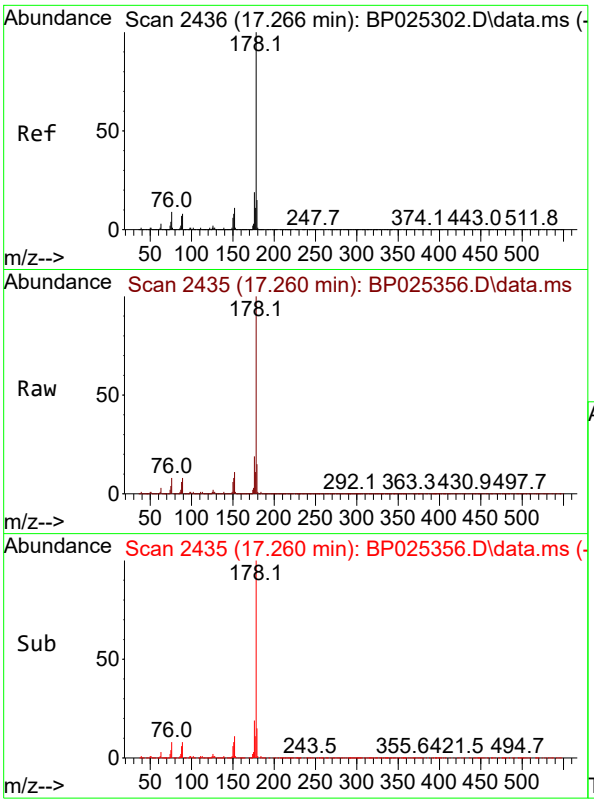


#70
Pentachlorophenol
Concen: 95.690 ng
RT: 16.854 min Scan# 2366
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:266 Resp: 849544

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	63.6	51.1	76.7

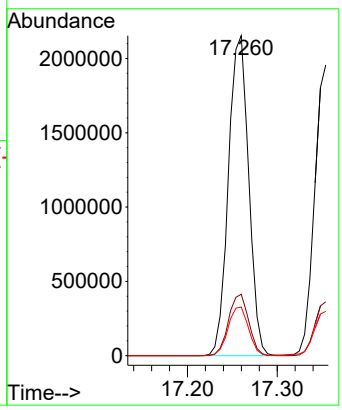




#71
Phenanthrene
Concen: 49.834 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:178 Resp: 336893

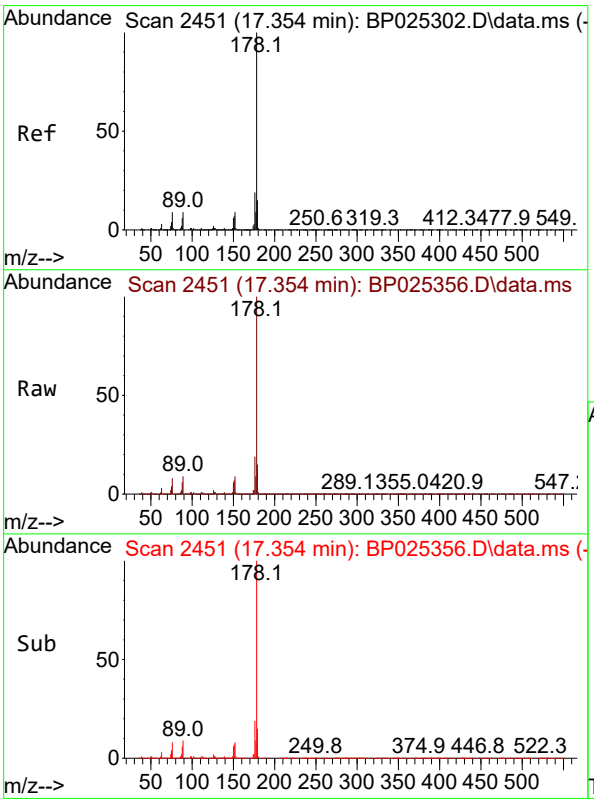
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

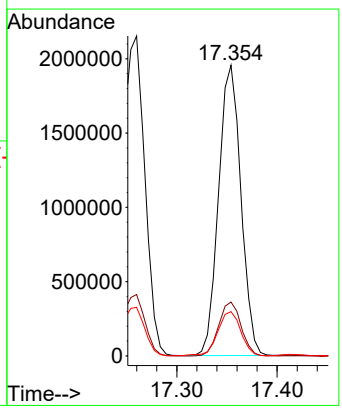
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

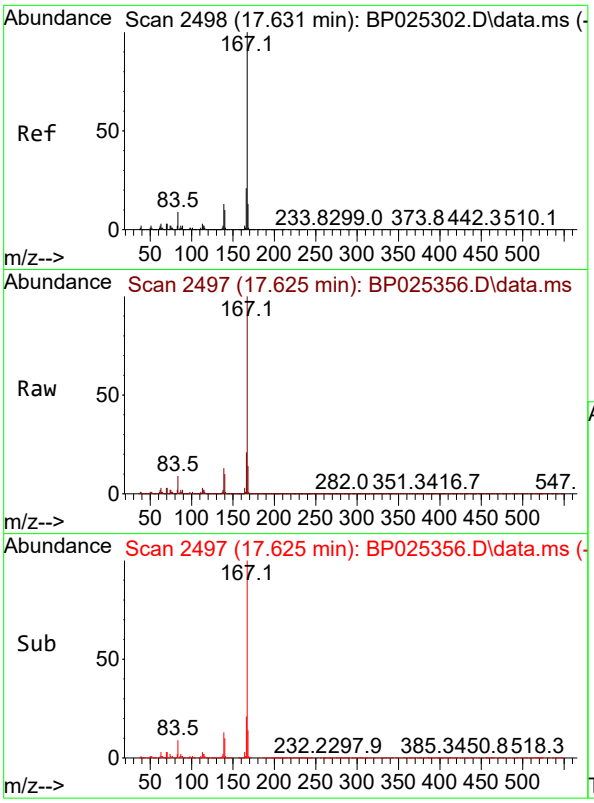


#72
Anthracene
Concen: 44.374 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:178 Resp: 3024719

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.3	18.5

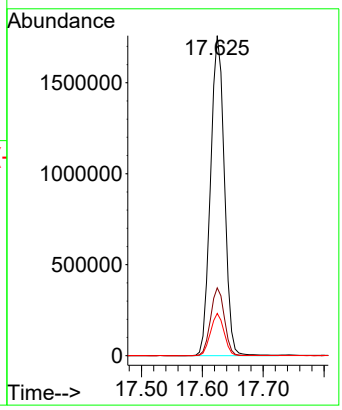




#73
Carbazole
Concen: 42.468 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:167 Resp: 277878

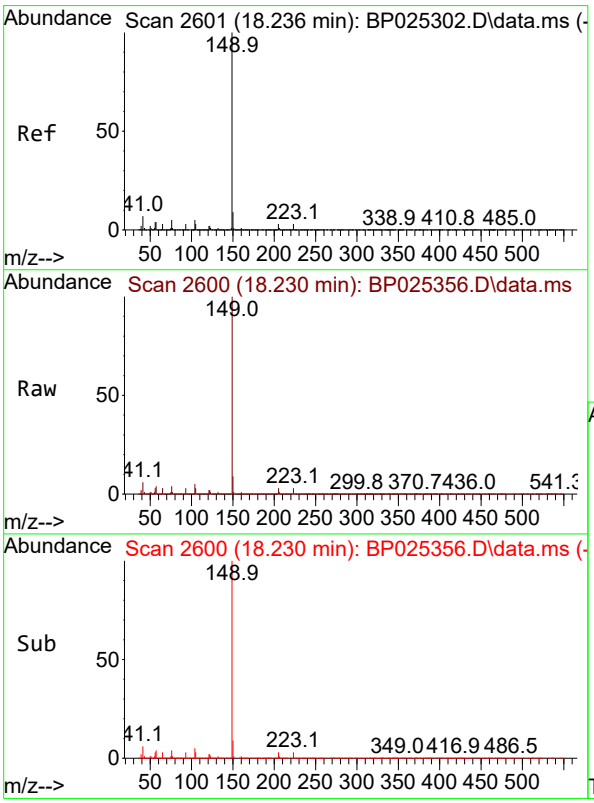
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.2	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

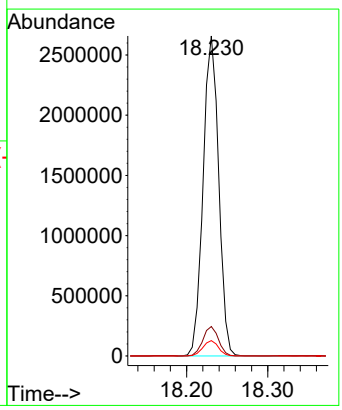
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

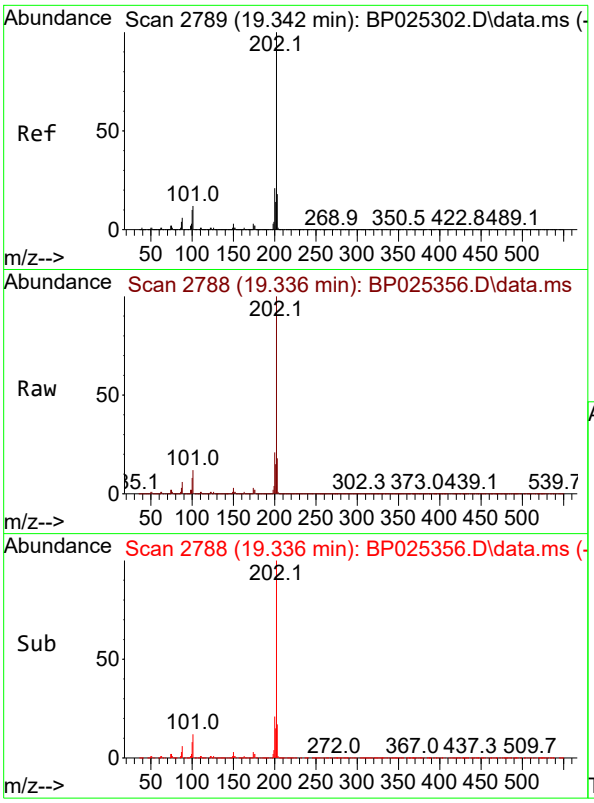


#74
Di-n-butylphthalate
Concen: 44.557 ng
RT: 18.230 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:149 Resp: 3527045

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	4.1	6.1

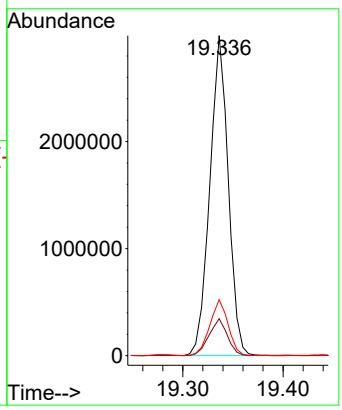




#75
Fluoranthene
Concen: 48.773 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:202 Resp: 381691

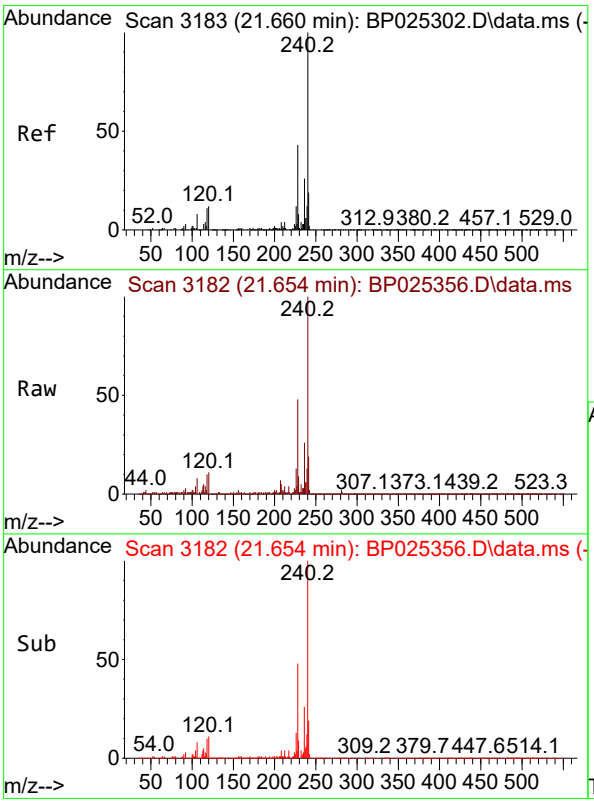
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.5	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

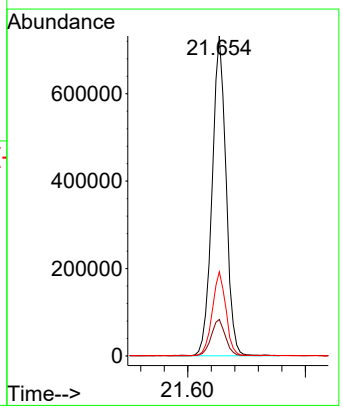
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

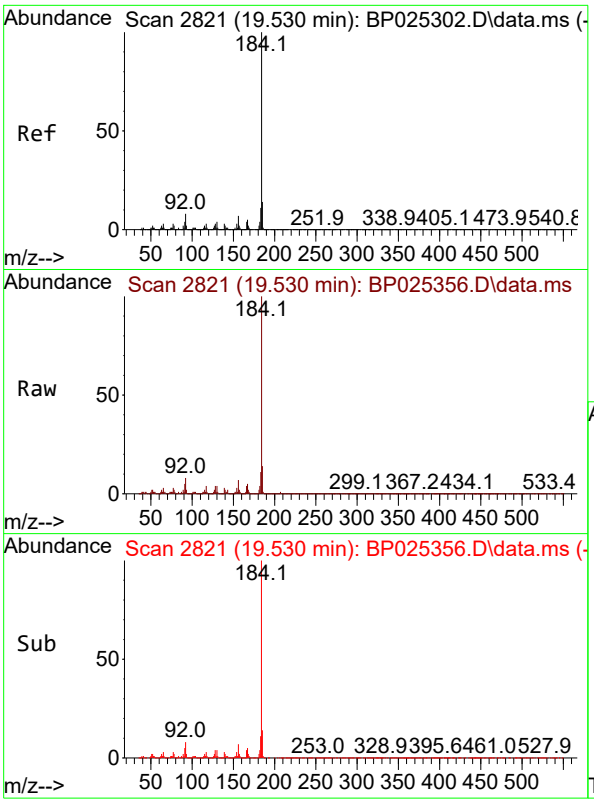


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:240 Resp: 1203349

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	26.3	20.4	30.6

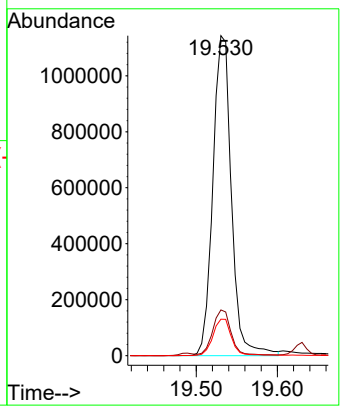




#77
Benzidine
Concen: 41.764 ng
RT: 19.530 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:184 Resp: 181902

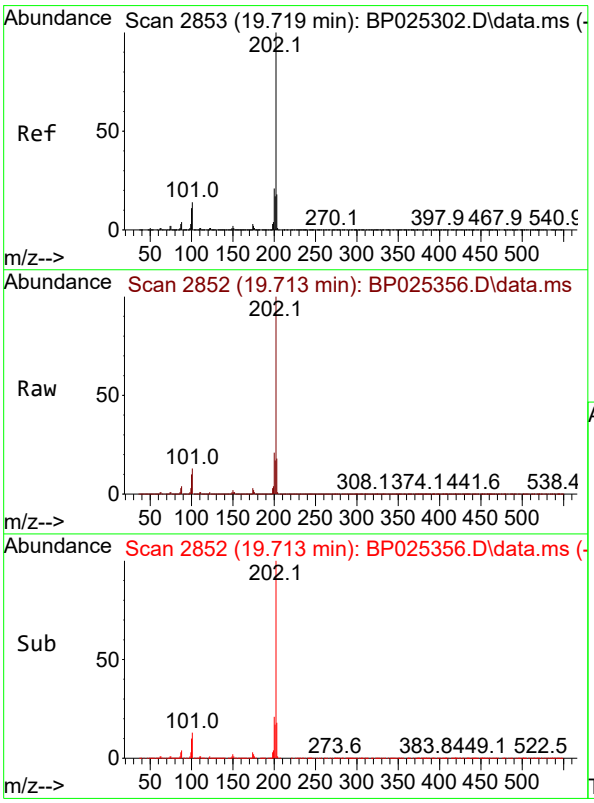
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

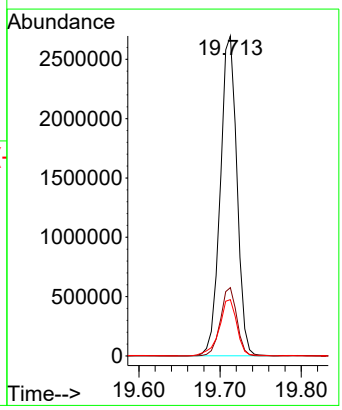
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

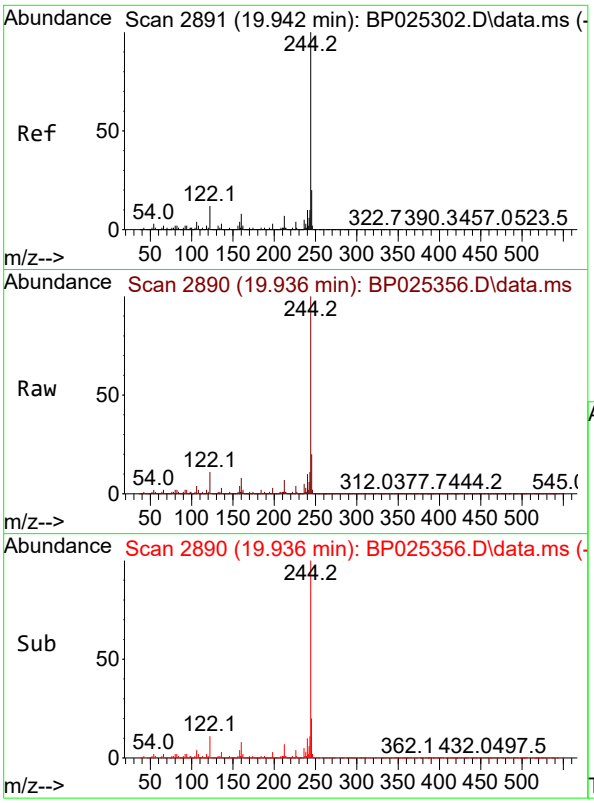


#78
Pyrene
Concen: 47.919 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:202 Resp: 3834458

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.6	14.1	21.1

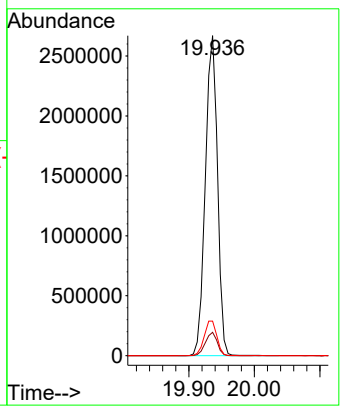




#79
Terphenyl-d14
Concen: 54.065 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:244 Resp: 344450

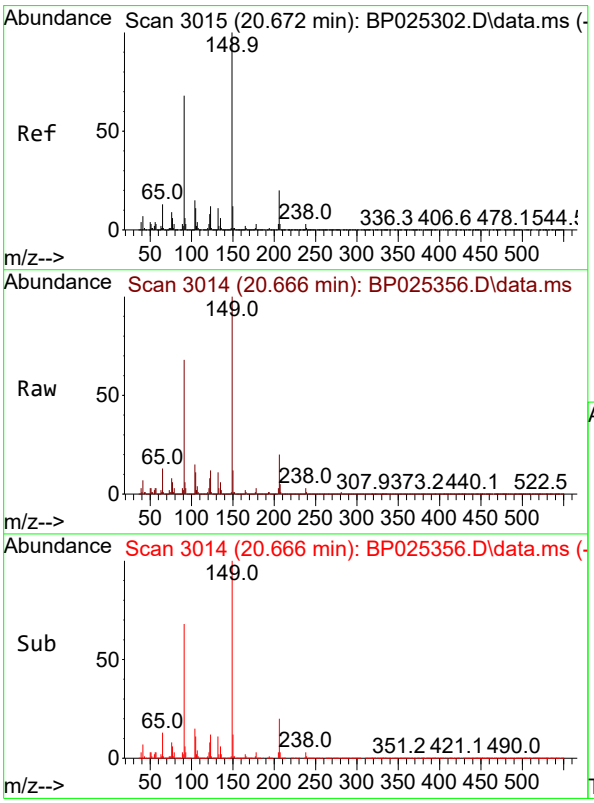
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.8	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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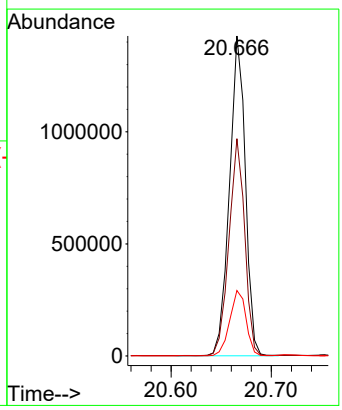
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

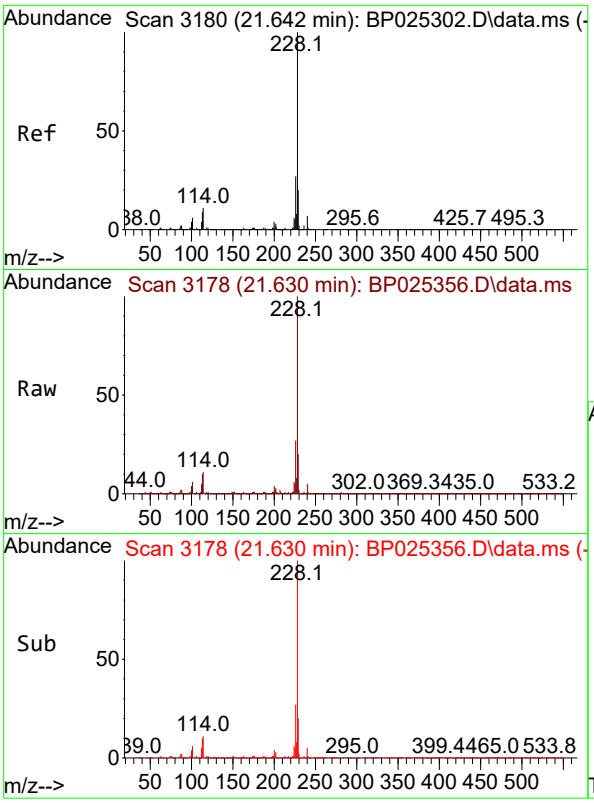


#80
Butylbenzylphthalate
Concen: 48.351 ng
RT: 20.666 min Scan# 3014
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:149 Resp: 1569145

Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.7	82.1
206	20.4	16.4	24.6

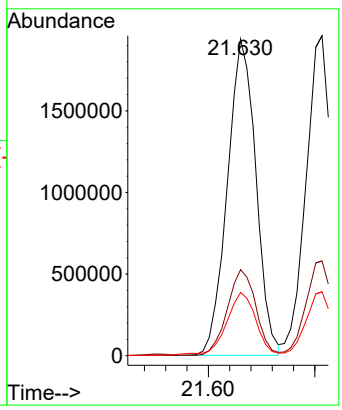




#81
Benzo(a)anthracene
Concen: 45.174 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:228 Resp: 361235

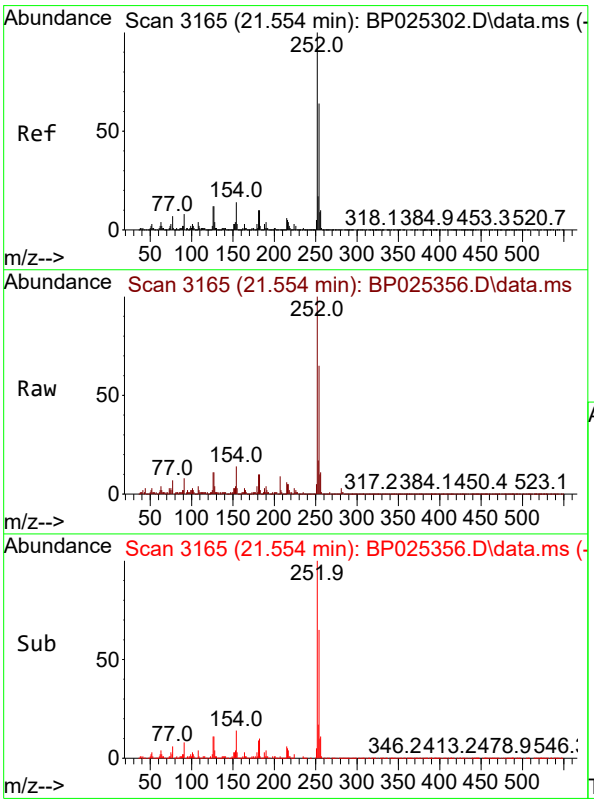
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

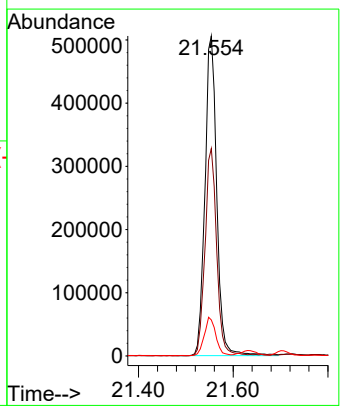
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

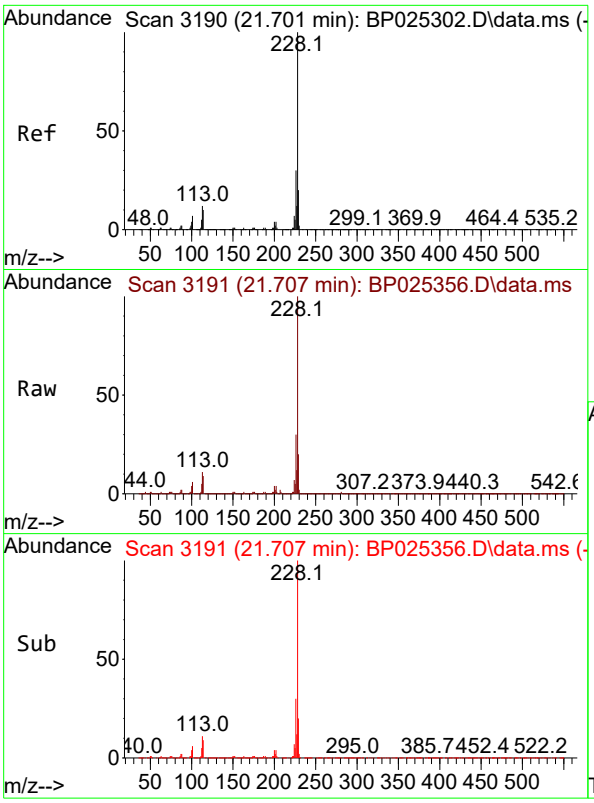


#82
3,3'-Dichlorobenzidine
Concen: 31.034 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:252 Resp: 875594

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.6
126	11.3	9.4	14.2

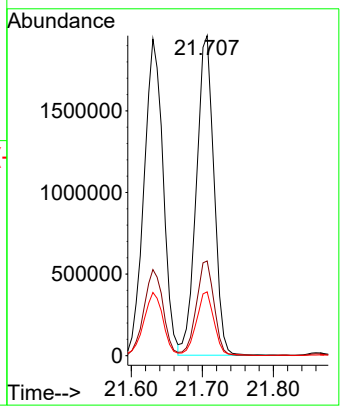




#83
Chrysene
Concen: 45.471 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:228 Resp: 337248

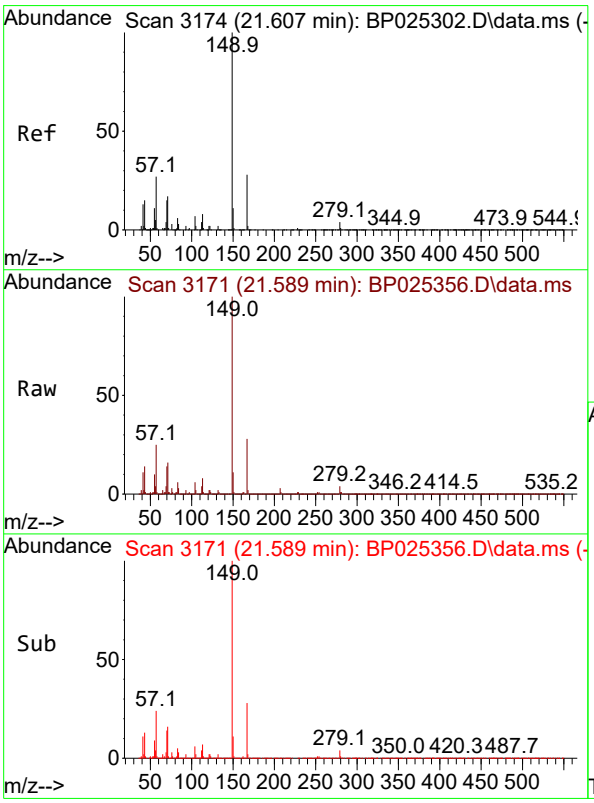
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	20.0	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
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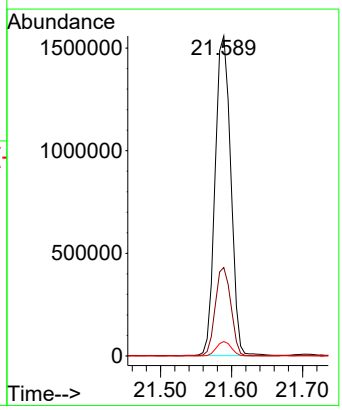
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

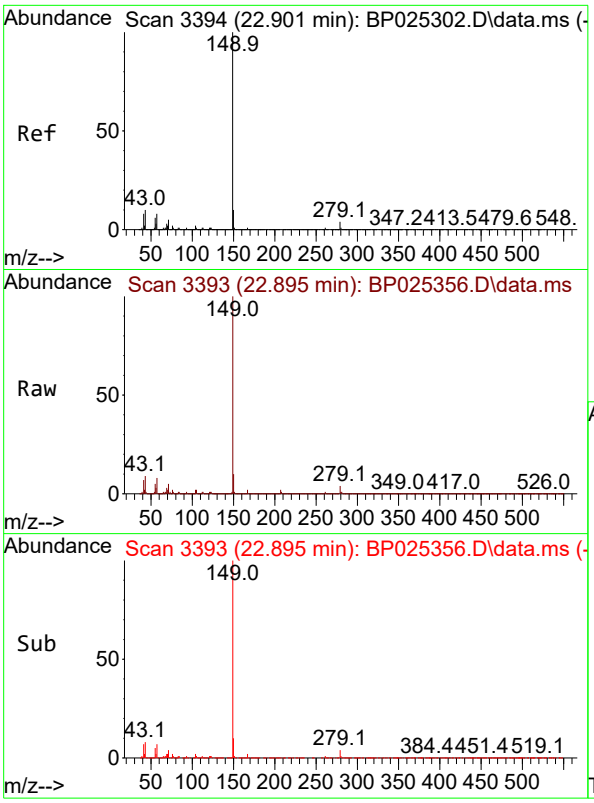


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.809 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.018 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:149 Resp: 2373866

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.5	3.4	5.2

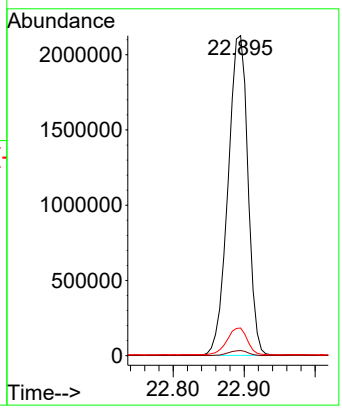




#85
Di-n-octyl phthalate
Concen: 47.647 ng
RT: 22.895 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:149 Resp: 413284

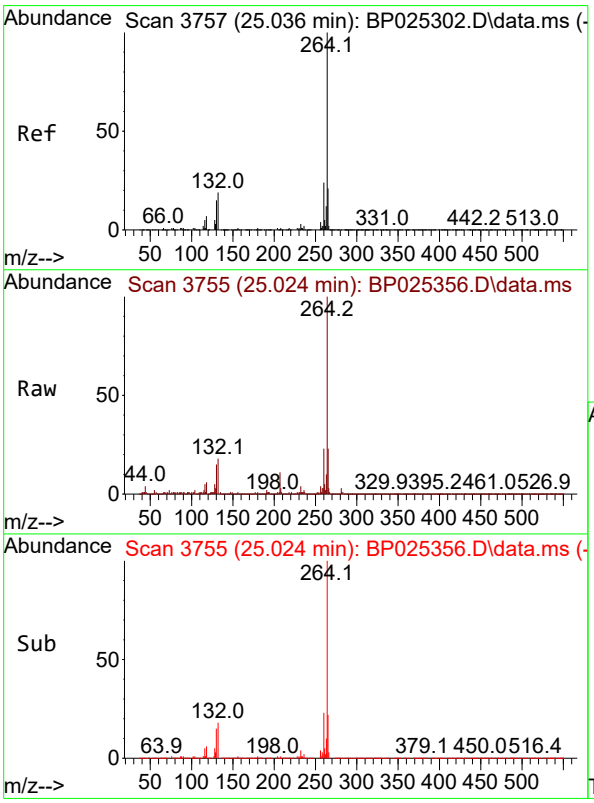
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

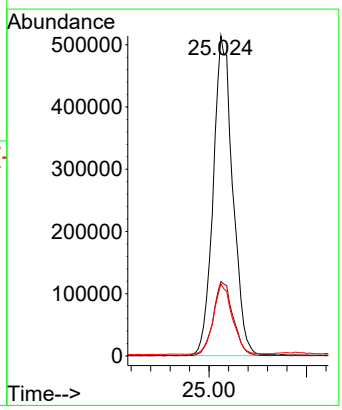
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

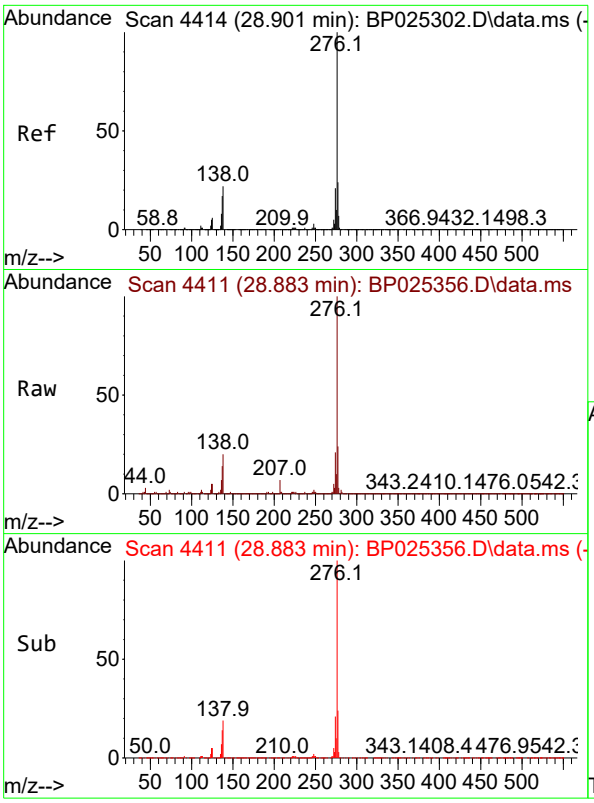


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:264 Resp: 1428295

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.5	17.1	25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.306 ng m
RT: 28.883 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

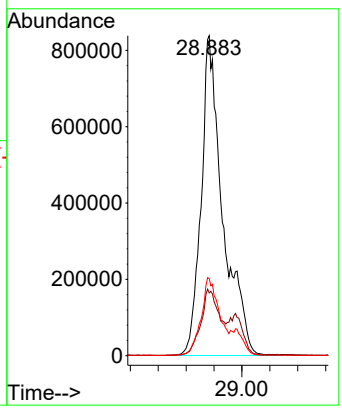
Tgt Ion:276 Resp: 453574

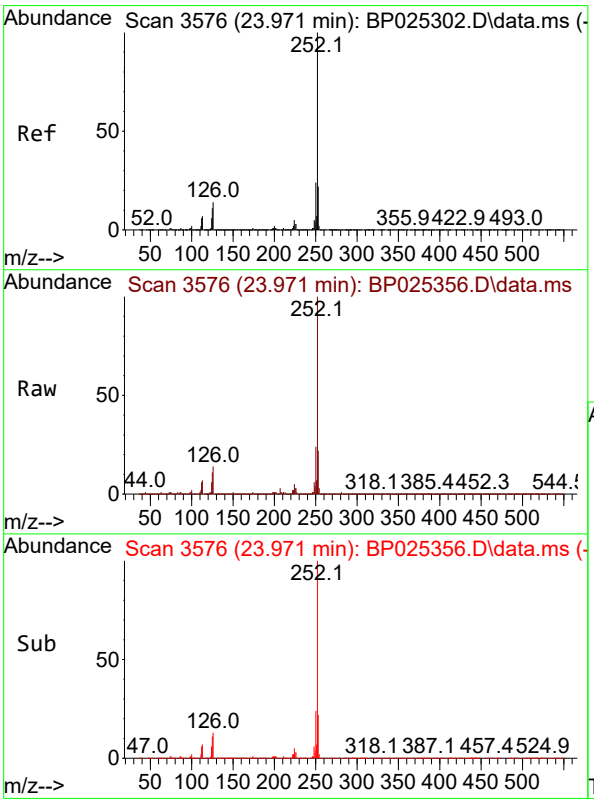
Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.6	22.0
277	20.6	16.8	25.2

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

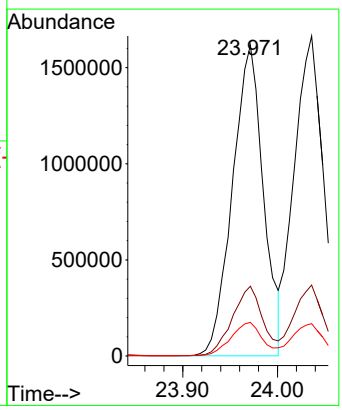


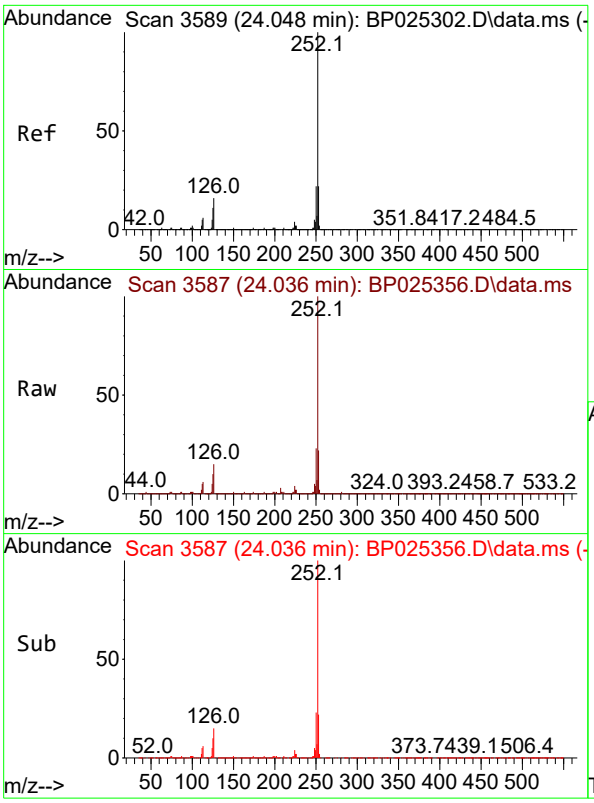


#88
Benzo(b)fluoranthene
Concen: 42.953 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:252 Resp: 3672505

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.8	8.5	12.7





#89
Benzo(k)fluoranthene
Concen: 42.224 ng
RT: 24.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

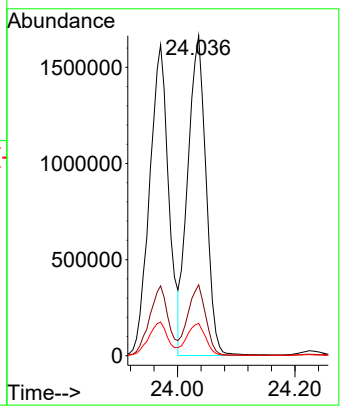
Tgt Ion:252 Resp: 357888

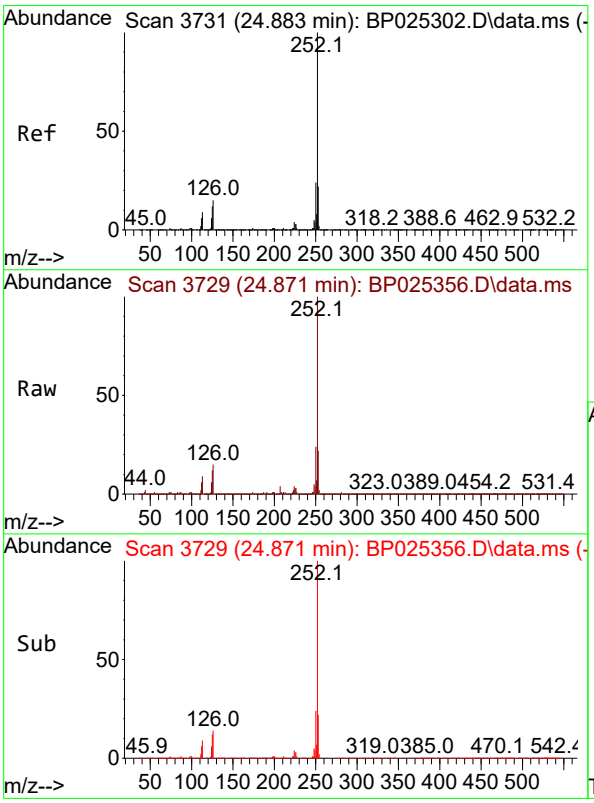
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.1	8.5	12.7

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

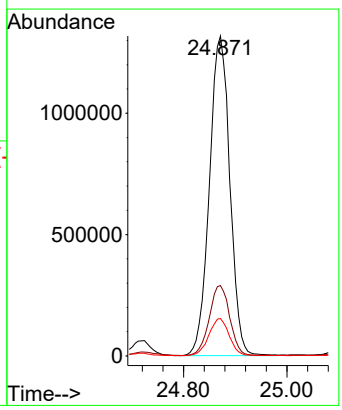


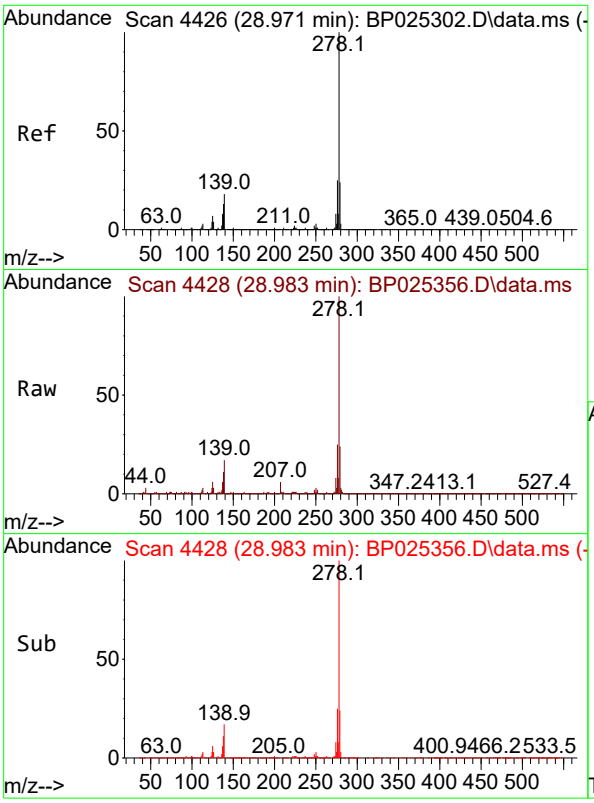


#90
Benzo(a)pyrene
Concen: 43.909 ng
RT: 24.871 min Scan# 3729
Delta R.T. -0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:252 Resp: 3615367

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.7	9.4	14.0

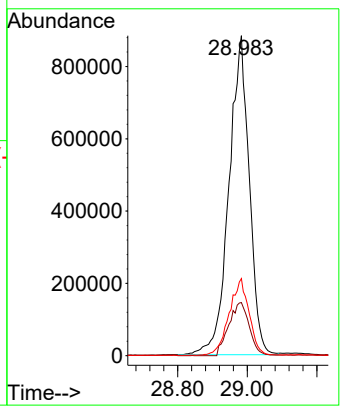




#91
Dibenzo(a,h)anthracene
Concen: 42.639 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:278 Resp: 357500

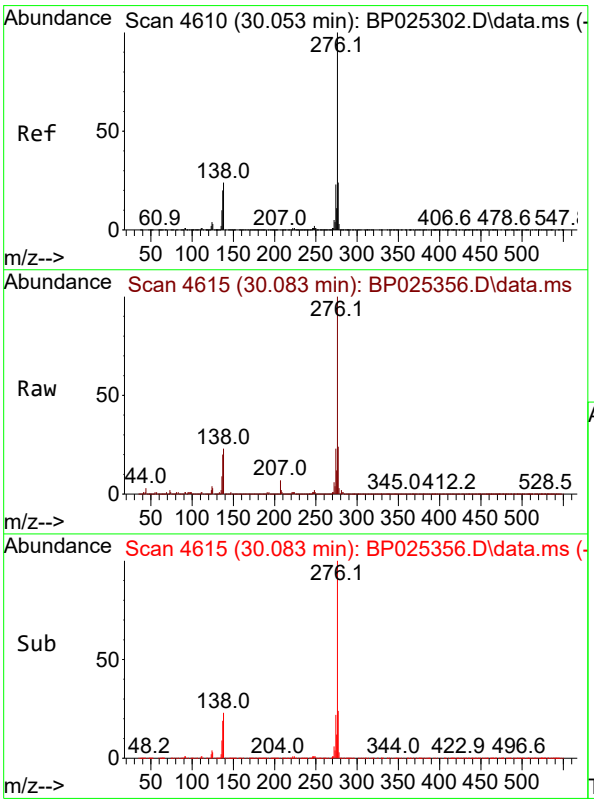
Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.6	22.0
279	24.1	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations
APPROVED

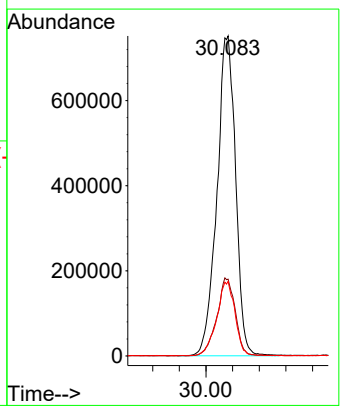
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.439 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025356.D
Acq: 11 Aug 2025 20:16

Tgt Ion:276 Resp: 3656732

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	23.3	19.1	28.7



Raw Data: **BP025357.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3MSD			SDG No.:	Q2795
Lab Sample ID:	Q2795-03MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025357.D	1	08/08/25 09:12	08/11/25 20:58	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		27.6	210	ug/Kg
86-73-7	Fluorene	1700		30.8	210	ug/Kg
85-01-8	Phenanthrene	2000		25.4	210	ug/Kg
120-12-7	Anthracene	1800		40.5	210	ug/Kg
129-00-0	Pyrene	1900		43.8	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		28.0	210	ug/Kg
218-01-9	Chrysene	1800		24.2	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		23.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	1800		35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		35.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		31.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	58.8		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.9		20 - 109	53%	SPK: 100
1718-51-0	Terphenyl-d14	53.4		10 - 105	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	260000	7.796			
1146-65-2	Naphthalene-d8	1000000	10.572			
15067-26-2	Acenaphthene-d10	613000	14.425			
1517-22-2	Phenanthrene-d10	1190000	17.219			
1719-03-5	Chrysene-d12	1220000	21.654			
1520-96-3	Perylene-d12	1450000	25.024			

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	08/06/25
Project:	Girard School - PA			Date Received:	08/07/25
Client Sample ID:	COMP-3MSD			SDG No.:	Q2795
Lab Sample ID:	Q2795-03MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	82
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025357.D	1	08/08/25 09:12	08/11/25 20:58	PB169176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025357.D
Acq On : 11 Aug 2025 20:58
Operator : CG/JU
Sample : Q2795-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 12 01:02:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	259630	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1001309	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	612787	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1190895	20.000	ng		0.00
76) Chrysene-d12	21.654	240	1224885	20.000	ng		0.00
86) Perylene-d12	25.024	264	1454697	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	1361282	84.329	ng		0.00
7) Phenol-d6	6.972	99	1685464	79.336	ng		0.00
23) Nitrobenzene-d5	8.937	82	1062504	58.787	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	678709	111.023	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	2345665	52.871	ng		0.00
79) Terphenyl-d14	19.930	244	3459806	53.351	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	227790	35.758	ng		96
3) Pyridine	3.725	79	614388	34.714	ng		97
4) n-Nitrosodimethylamine	3.637	42	271189	33.005	ng		92
6) Aniline	7.125	93	532576	18.261	ng		99
8) 2-Chlorophenol	7.366	128	704092	39.848	ng		97
9) Benzaldehyde	6.943	77	349244m	23.146	ng		
10) Phenol	6.996	94	806824	35.494	ng		100
11) bis(2-Chloroethyl)ether	7.219	93	632346	35.504	ng		97
12) 1,3-Dichlorobenzene	7.690	146	766025	38.583	ng		100
13) 1,4-Dichlorobenzene	7.831	146	775096	38.588	ng		99
14) 1,2-Dichlorobenzene	8.149	146	741288	38.096	ng		99
15) Benzyl Alcohol	8.025	79	558287	33.902	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	868067	30.853	ng		96
17) 2-Methylphenol	8.231	107	553492	36.390	ng		97
18) Hexachloroethane	8.866	117	282170	39.281	ng		98
19) n-Nitroso-di-n-propyla...	8.590	70	459036	32.886	ng		95
20) 3+4-Methylphenols	8.554	107	731086	34.906	ng		100
22) Acetophenone	8.607	105	962719	38.299	ng	#	96
24) Nitrobenzene	8.978	77	682735	39.905	ng		96
25) Isophorone	9.502	82	1295556	36.011	ng		99
26) 2-Nitrophenol	9.690	139	352942	47.406	ng		95
27) 2,4-Dimethylphenol	9.749	122	621910	37.494	ng		96
28) bis(2-Chloroethoxy)met...	9.978	93	808173	36.927	ng		99
29) 2,4-Dichlorophenol	10.219	162	615417	42.380	ng		96
30) 1,2,4-Trichlorobenzene	10.437	180	660395	41.221	ng		99
31) Naphthalene	10.625	128	2058943	39.610	ng		100
32) Benzoic acid	9.878	122	507995	51.941	ng		98
33) 4-Chloroaniline	10.719	127	348320	15.067	ng		99
34) Hexachlorobutadiene	10.913	225	398206	43.300	ng		98
35) Caprolactam	11.490	113	206617	36.677	ng		89
36) 4-Chloro-3-methylphenol	11.848	107	656193	39.052	ng		97
37) 2-Methylnaphthalene	12.225	142	1287212	38.259	ng		100
38) 1-Methylnaphthalene	12.454	142	1344731	38.305	ng		100
40) 1,2,4,5-Tetrachloroben...	12.595	216	697848	41.712	ng		100
41) Hexachlorocyclopentadiene	12.584	237	704680	68.246	ng		100
43) 2,4,6-Trichlorophenol	12.837	196	491630	45.490	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025357.D
Acq On : 11 Aug 2025 20:58
Operator : CG/JU
Sample : Q2795-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 12 01:02:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	538913	44.451	ng		99
46) 1,1'-Biphenyl	13.242	154	1790462	39.648	ng		99
47) 2-Chloronaphthalene	13.284	162	1385824	40.223	ng		99
48) 2-Nitroaniline	13.484	65	407038	40.804	ng		93
49) Acenaphthylene	14.142	152	2306080	40.127	ng		100
50) Dimethylphthalate	13.872	163	1713736	38.363	ng		100
51) 2,6-Dinitrotoluene	13.978	165	379933	46.109	ng		91
52) Acenaphthene	14.489	154	1530649	43.665	ng		99
53) 3-Nitroaniline	14.307	138	221097	22.931	ng		97
54) 2,4-Dinitrophenol	14.525	184	315814	72.890	ng	#	47
55) Dibenzofuran	14.831	168	2085461	39.811	ng		99
56) 4-Nitrophenol	14.625	139	760732	89.399	ng		98
57) 2,4-Dinitrotoluene	14.784	165	542721	42.863	ng		99
58) Fluorene	15.489	166	1675125	40.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	480828	47.479	ng		97
60) Diethylphthalate	15.260	149	1746551	38.780	ng		100
61) 4-Chlorophenyl-phenyle...	15.484	204	780748	40.028	ng		98
62) 4-Nitroaniline	15.495	138	388623	40.678	ng		97
63) Azobenzene	15.784	77	1727960	41.300	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	241400	46.378	ng		96
66) n-Nitrosodiphenylamine	15.695	169	1483380	40.909	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	508507	42.437	ng		97
68) Hexachlorobenzene	16.513	284	574250	42.711	ng		98
69) Atrazine	16.672	200	547438	42.930	ng		98
70) Pentachlorophenol	16.866	266	833769	97.336	ng		99
71) Phenanthrene	17.260	178	3149477	48.285	ng		99
72) Anthracene	17.354	178	2903174	44.143	ng		99
73) Carbazole	17.625	167	2659859	42.132	ng		100
74) Di-n-butylphthalate	18.230	149	3223920	42.211	ng		99
75) Fluoranthene	19.342	202	3746603	49.619	ng		98
77) Benzidine	19.525	184	1958978	44.187	ng		99
78) Pyrene	19.719	202	3801400	46.670	ng		99
80) Butylbenzylphthalate	20.660	149	1578264	47.777	ng		99
81) Benzo(a)anthracene	21.636	228	3635819	44.668	ng		100
82) 3,3'-Dichlorobenzidine	21.548	252	898362	31.281	ng		100
83) Chrysene	21.701	228	3393952	44.956	ng		100
84) Bis(2-ethylhexyl)phtha...	21.589	149	2337573	44.316	ng		100
85) Di-n-octyl phthalate	22.889	149	4178282	47.324	ng		97
87) Indeno(1,2,3-cd)pyrene	28.912	276	4577646	43.903	ng	#	94
88) Benzo(b)fluoranthene	23.977	252	3712923	42.638	ng		100
89) Benzo(k)fluoranthene	24.042	252	3651669	42.301	ng		100
90) Benzo(a)pyrene	24.877	252	3679150	43.872	ng		100
91) Dibenzo(a,h)anthracene	28.983	278	3589990	42.040	ng		98
92) Benzo(g,h,i)perylene	30.089	276	3686252	43.985	ng		99

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

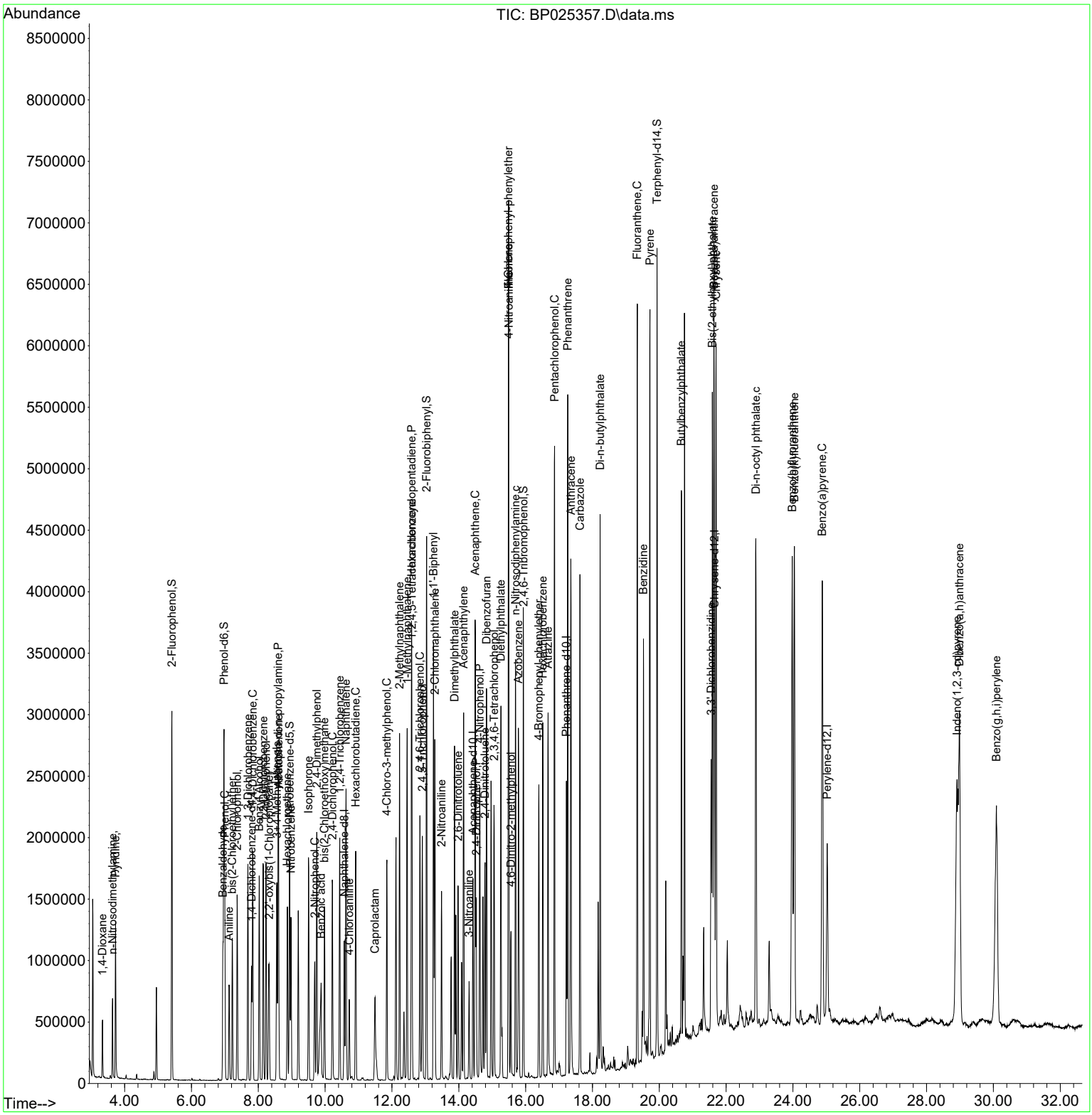
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025357.D
Acq On : 11 Aug 2025 20:58
Operator : CG/JU
Sample : Q2795-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

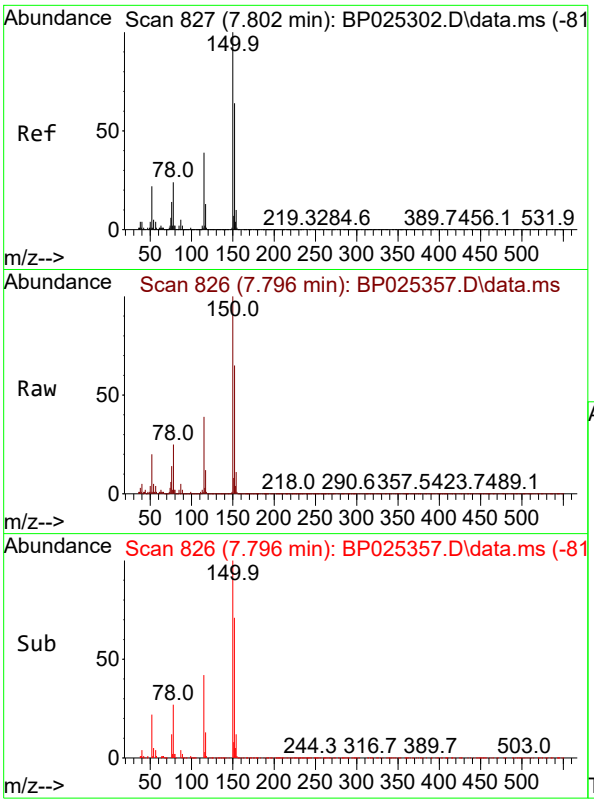
Quant Time: Aug 12 01:02:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

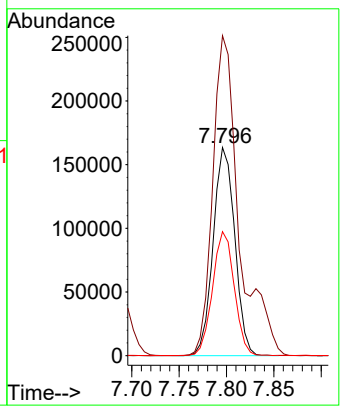




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:152 Resp: 25963

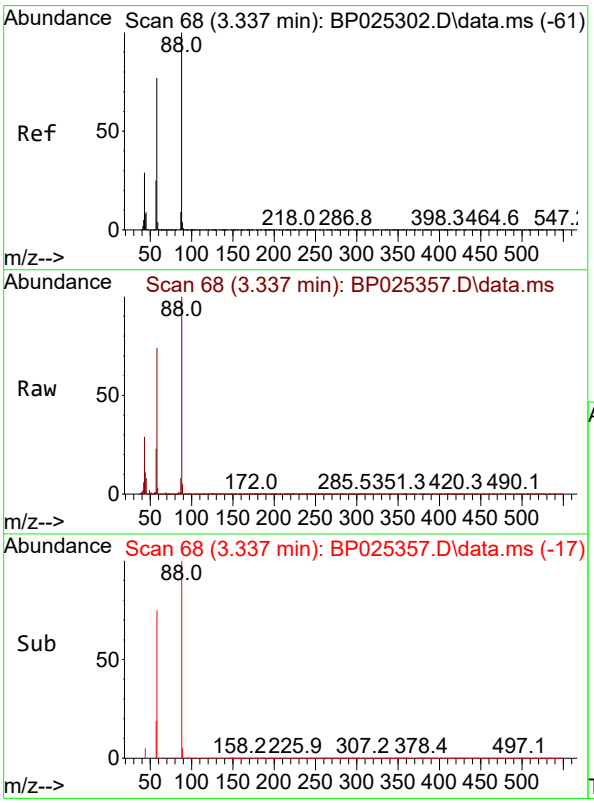
Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.1	187.7
115	59.6	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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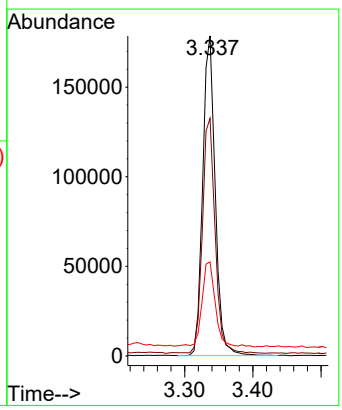
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

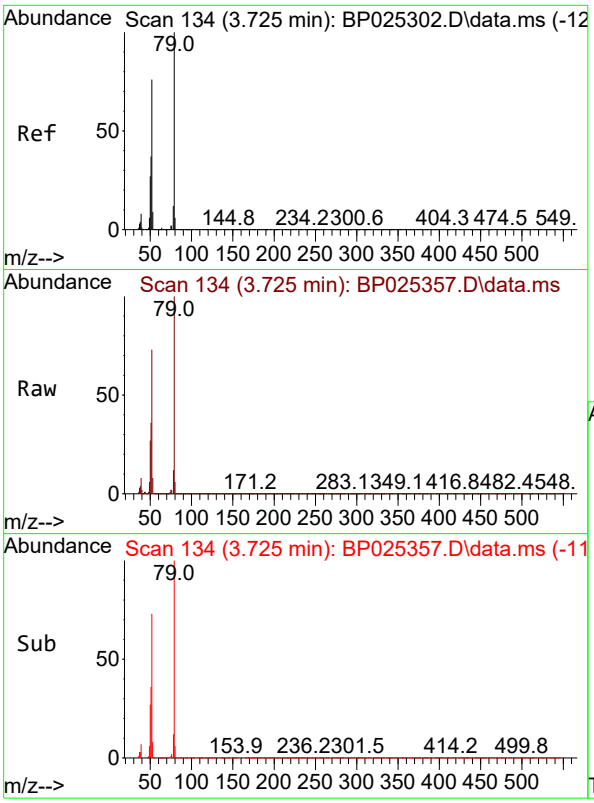


#2
1,4-Dioxane
Concen: 35.758 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 88 Resp: 227790

Ion	Ratio	Lower	Upper
88	100		
58	74.5	61.9	92.9
43	27.4	24.2	36.2

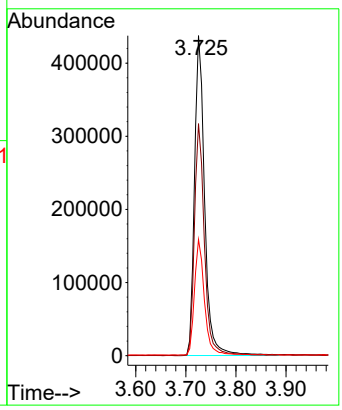




#3
Pyridine
Concen: 34.714 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 79 Resp: 61438

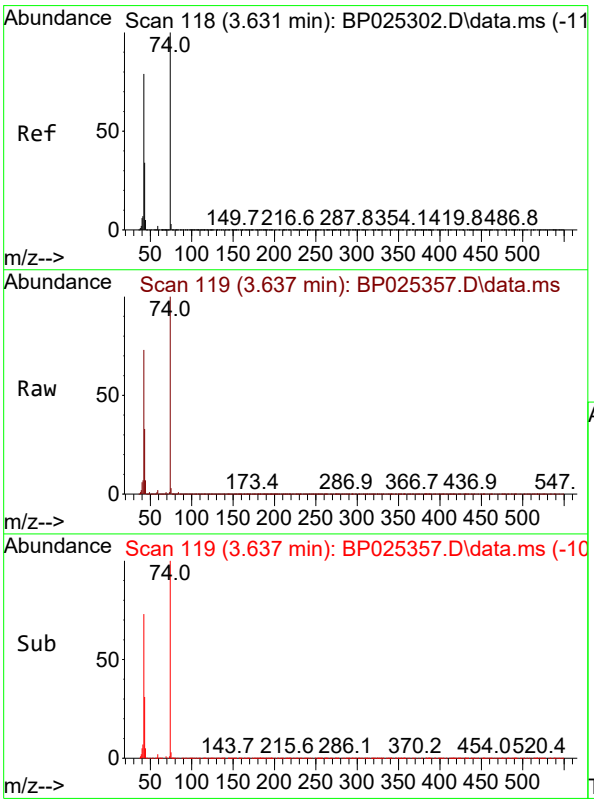
Ion	Ratio	Lower	Upper
79	100		
52	72.5	60.5	90.7
51	36.3	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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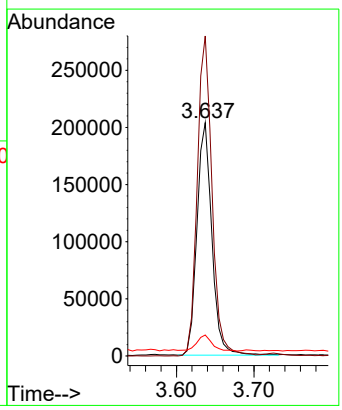
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

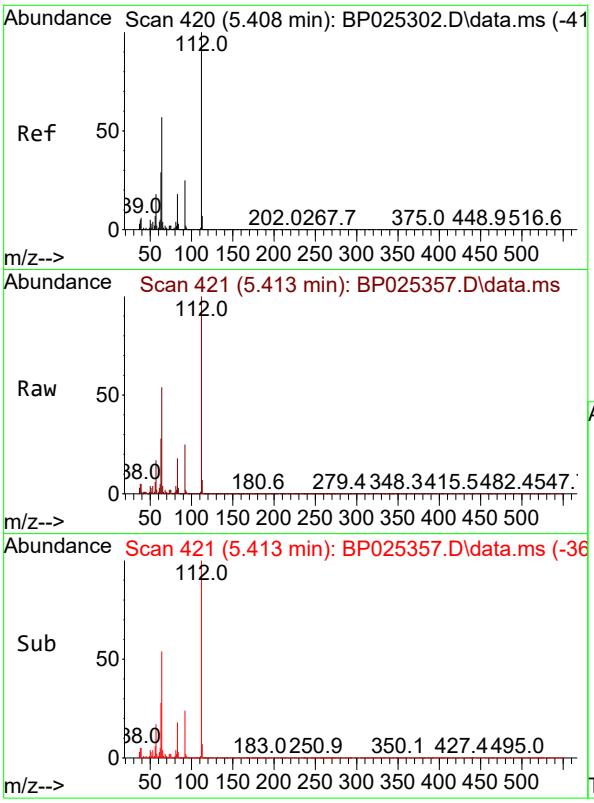


#4
n-Nitrosodimethylamine
Concen: 33.005 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 42 Resp: 271189

Ion	Ratio	Lower	Upper
42	100		
74	137.1	101.4	152.2
44	9.0	7.6	11.4





#5
2-Fluorophenol
Concen: 84.329 ng
RT: 5.413 min Scan# 4
Delta R.T. 0.005 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

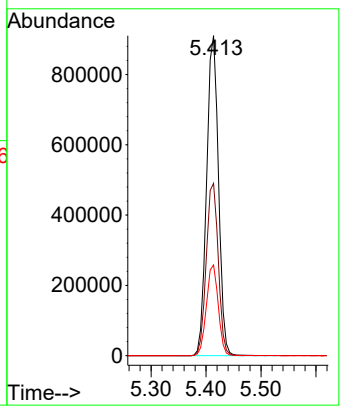
Tgt Ion:112 Resp: 136128

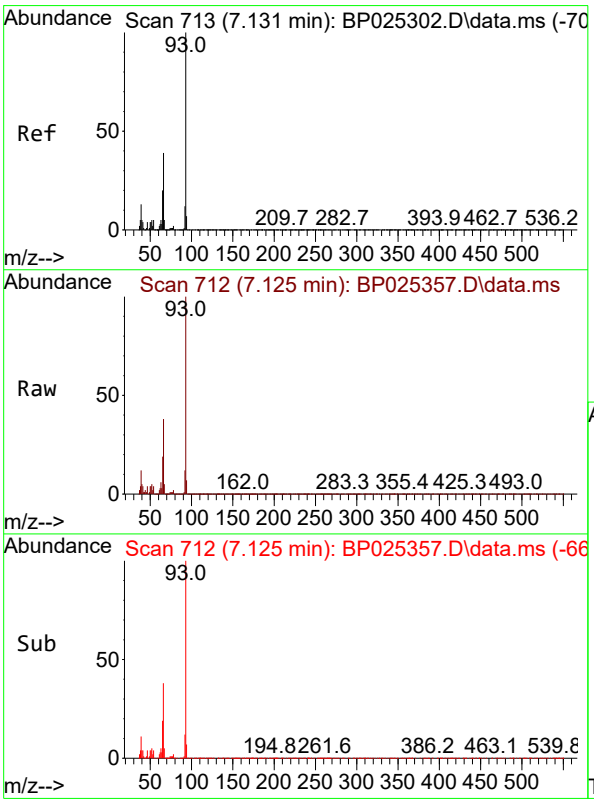
Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.3	67.9
63	28.3	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

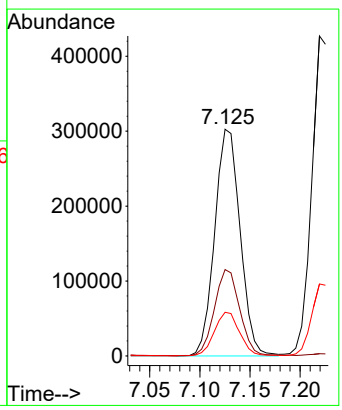


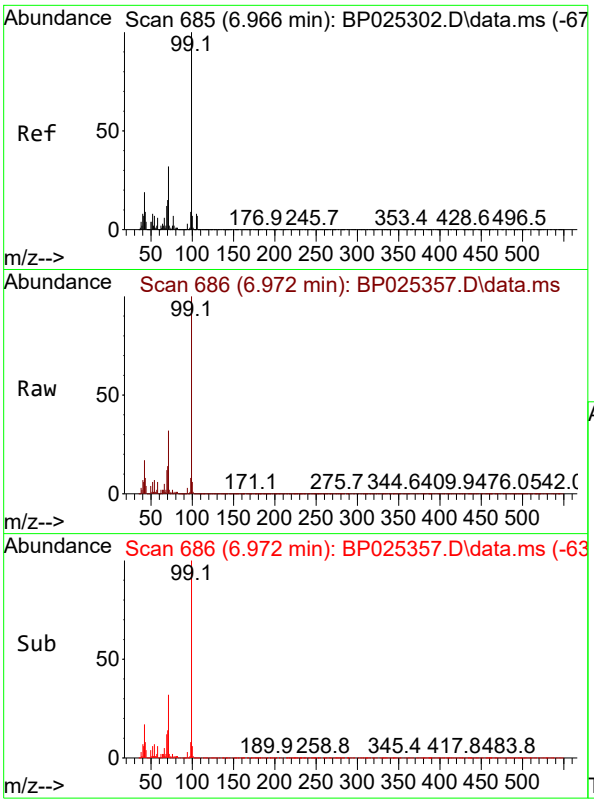


#6
Aniline
Concen: 18.261 ng
RT: 7.125 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 93 Resp: 532576

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.1	46.7
65	19.3	15.8	23.8

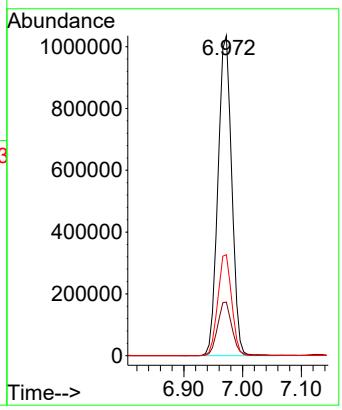




#7
Phenol-d6
Concen: 79.336 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 99 Resp: 168546

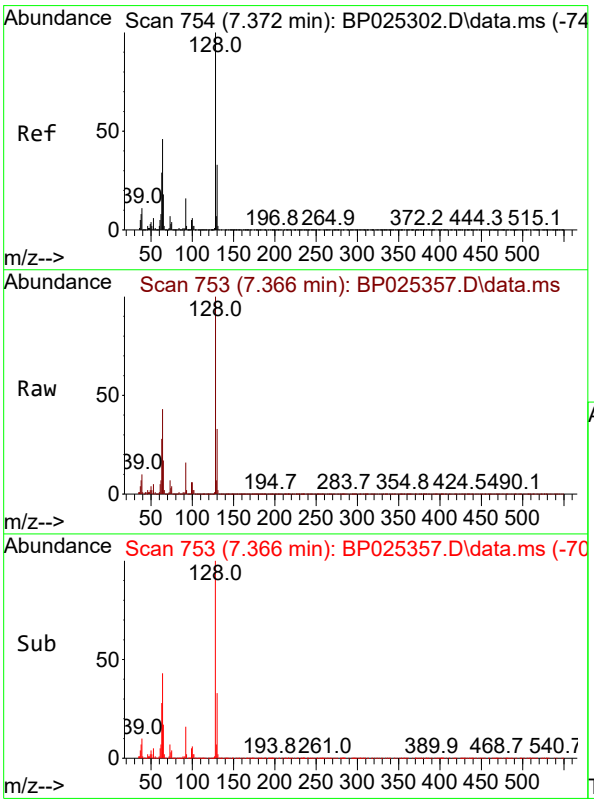
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	31.6	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

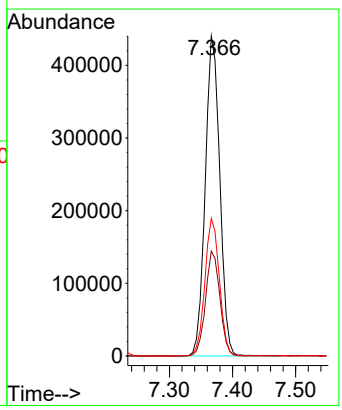
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

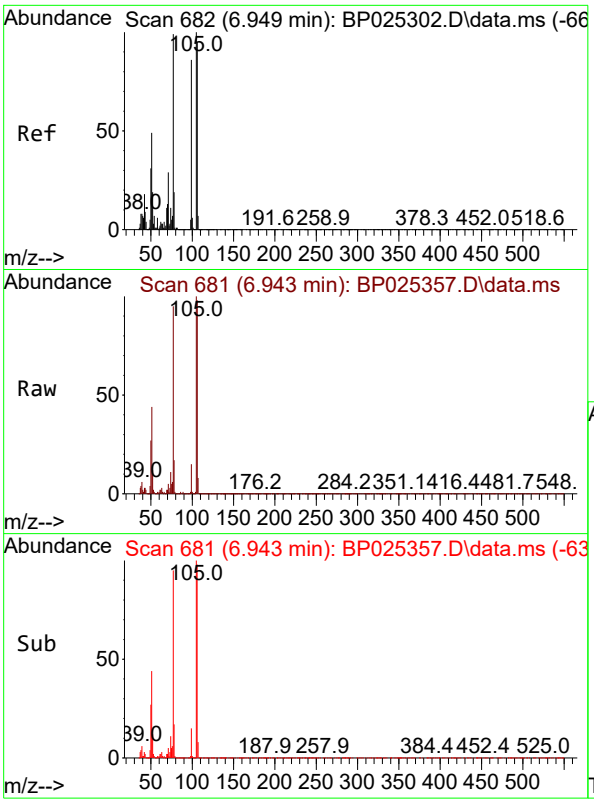


#8
2-Chlorophenol
Concen: 39.848 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:128 Resp: 704092

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	43.0	26.1	66.1

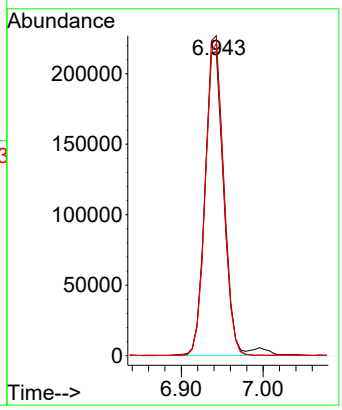




#9
Benzaldehyde
Concen: 23.146 ng m
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 77 Resp: 34924

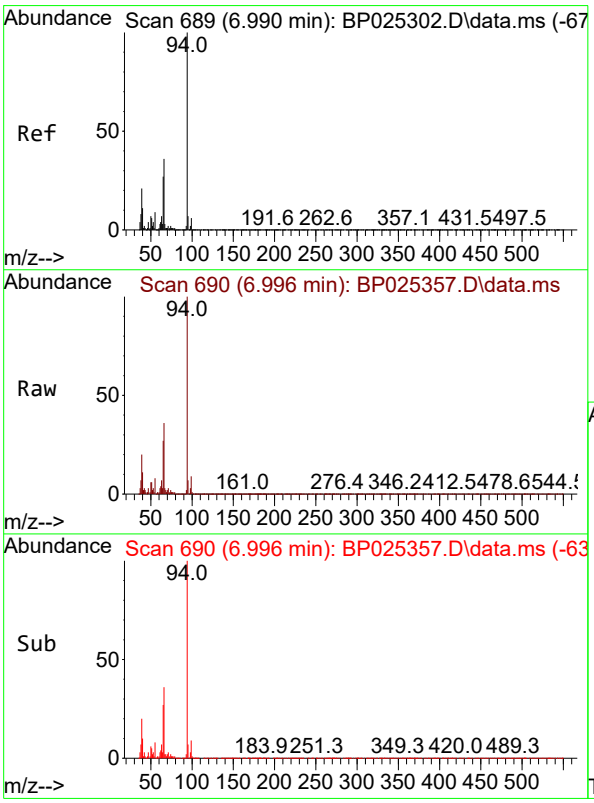
Ion	Ratio	Lower	Upper
77	100		
105	105.2	81.4	121.4
106	102.6	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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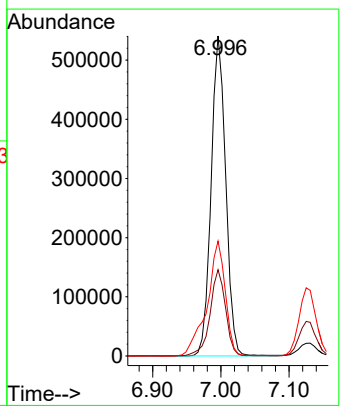
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

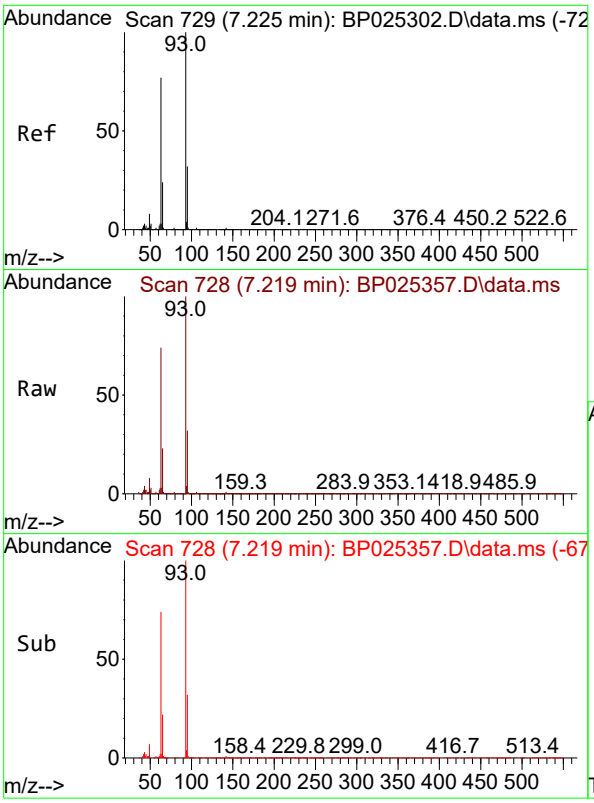


#10
Phenol
Concen: 35.494 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 94 Resp: 806824

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.3	47.3
66	35.9	15.7	55.7

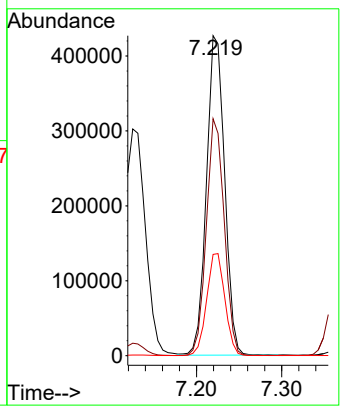




#11
bis(2-Chloroethyl)ether
Concen: 35.504 ng
RT: 7.219 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 93 Resp: 63234

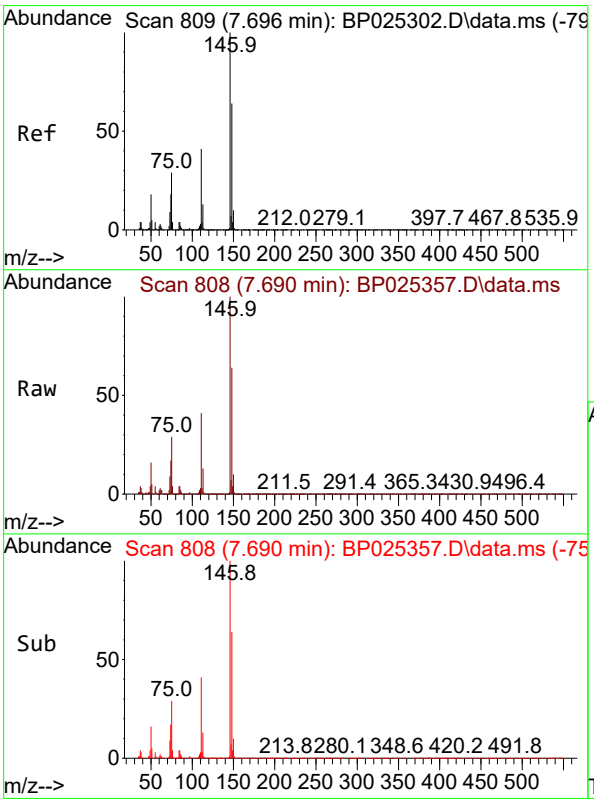
Ion	Ratio	Lower	Upper
93	100		
63	74.0	57.0	97.0
95	31.6	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

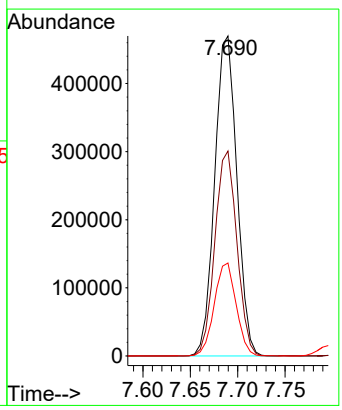
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

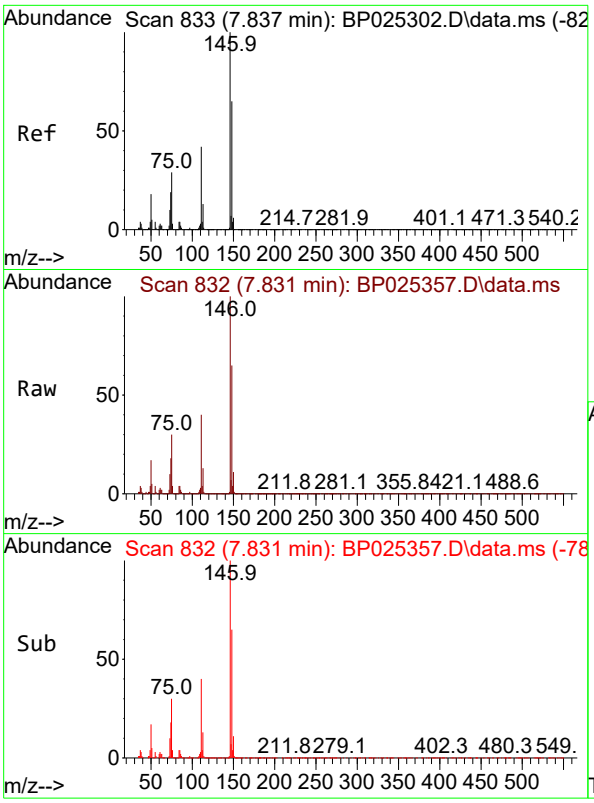


#12
1,3-Dichlorobenzene
Concen: 38.583 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:146 Resp: 766025

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
75	29.0	23.2	34.8

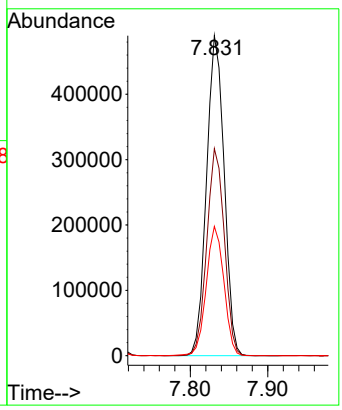




#13
1,4-Dichlorobenzene
Concen: 38.588 ng
RT: 7.831 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:146 Resp: 77509

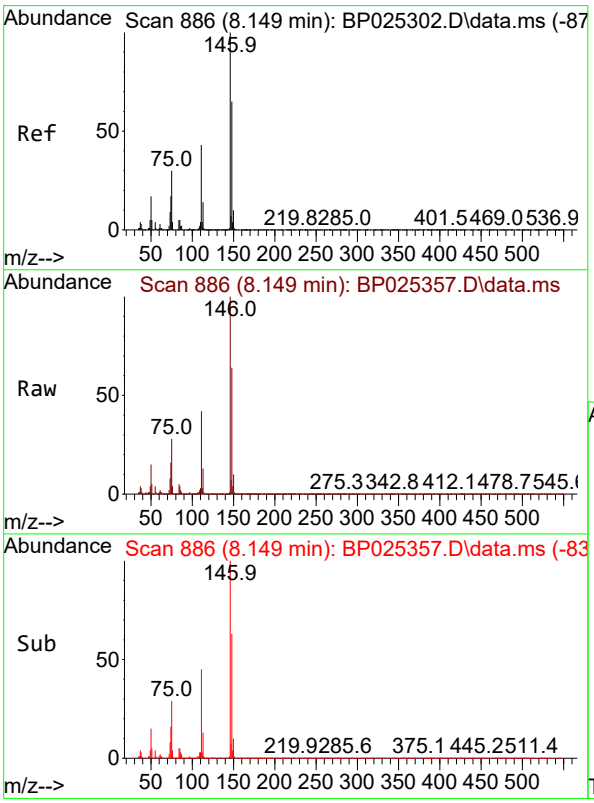
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	40.4	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

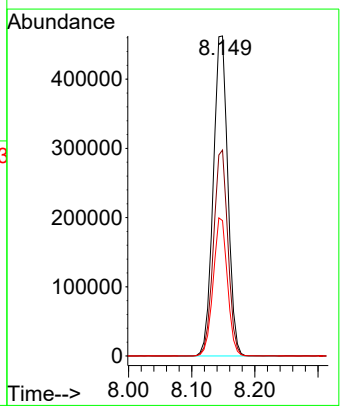
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

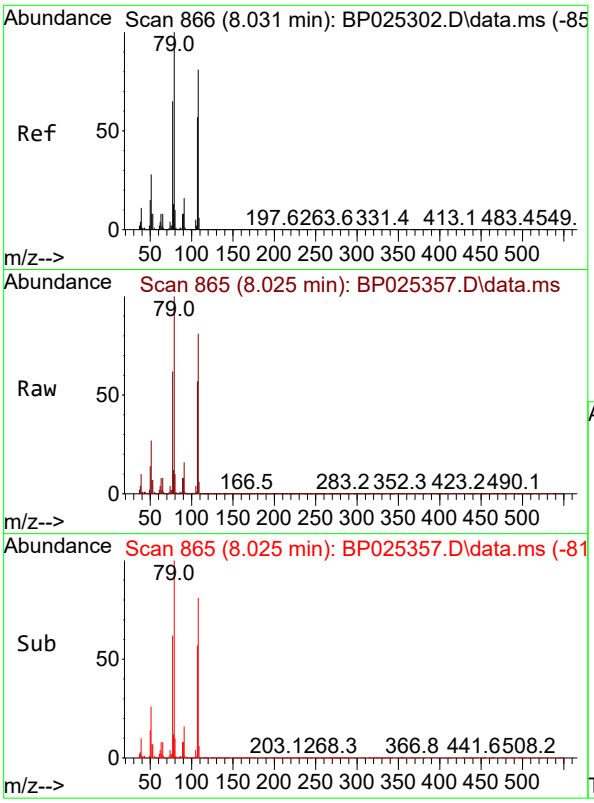


#14
1,2-Dichlorobenzene
Concen: 38.096 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:146 Resp: 741288

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	42.3	34.4	51.6





#15
Benzyl Alcohol
Concen: 33.902 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

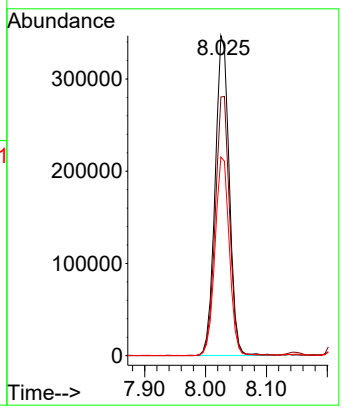
Tgt Ion: 79 Resp: 55828

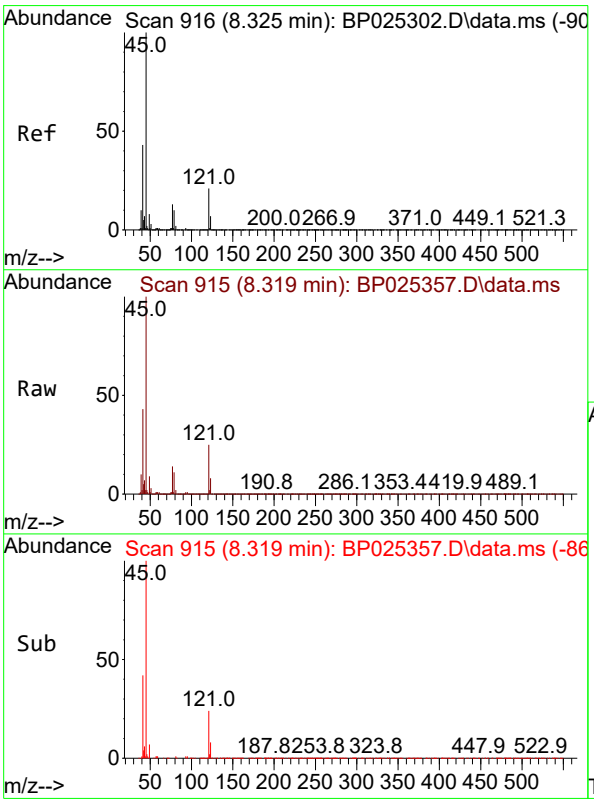
Ion	Ratio	Lower	Upper
79	100		
108	80.9	64.5	96.7
77	62.1	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

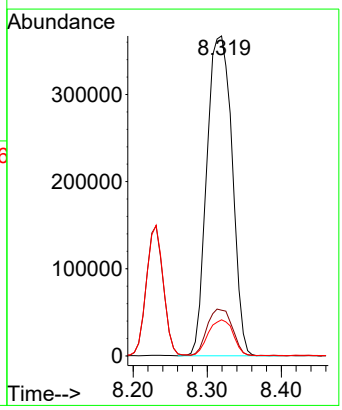


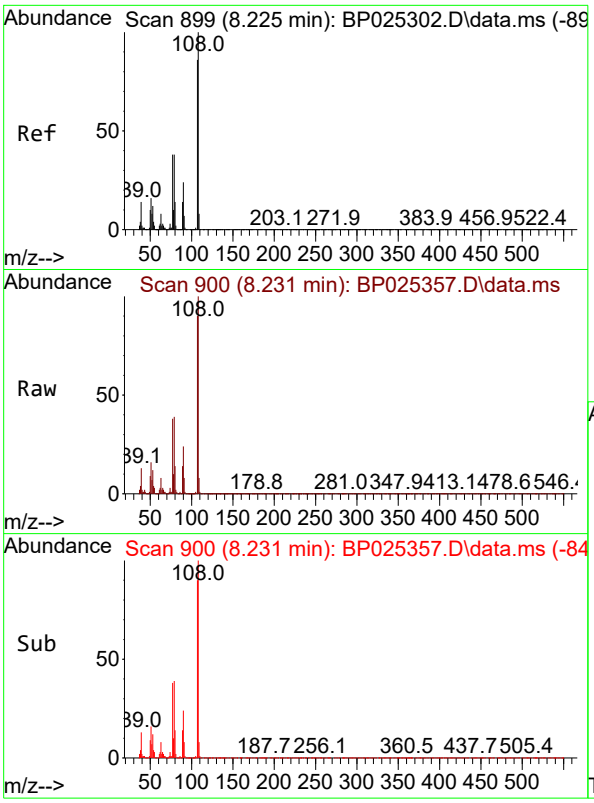


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.853 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 45 Resp: 868067

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.0
79	11.3	0.0	29.8

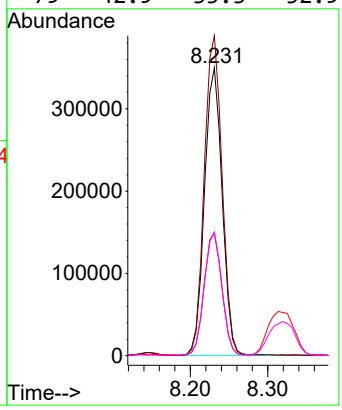




#17
2-Methylphenol
Concen: 36.390 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:107 Resp: 55349

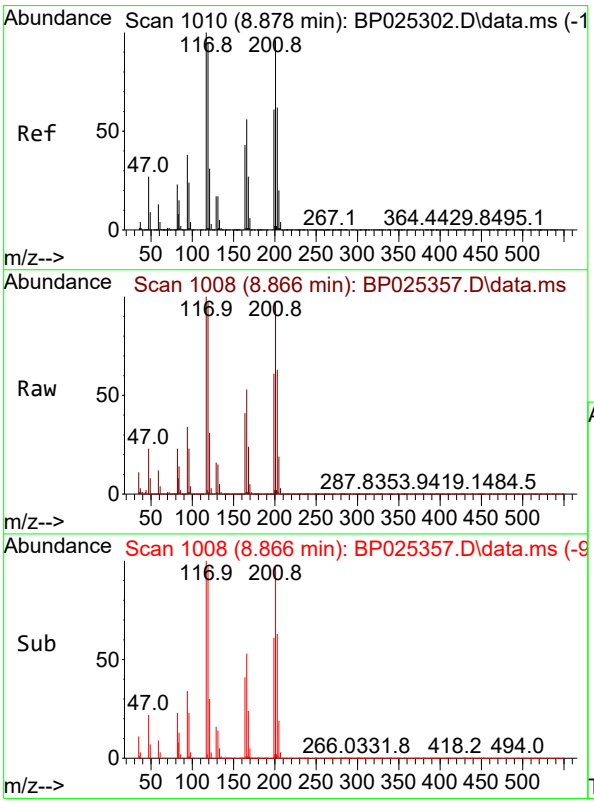
Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.6	139.0
77	42.7	35.4	53.2
79	42.9	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

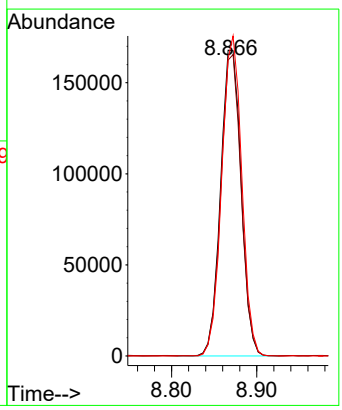
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

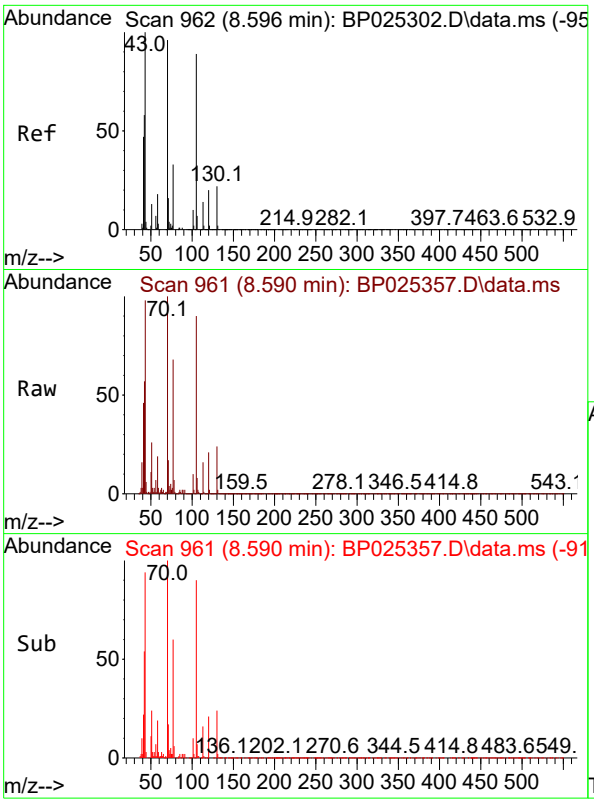


#18
Hexachloroethane
Concen: 39.281 ng
RT: 8.866 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:117 Resp: 282170

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	97.3	76.6	114.8

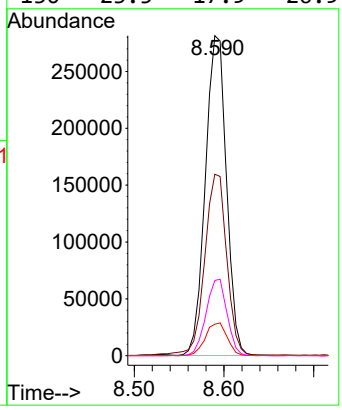




#19
n-Nitroso-di-n-propylamine
Concen: 32.886 ng
RT: 8.590 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 70 Resp: 45903

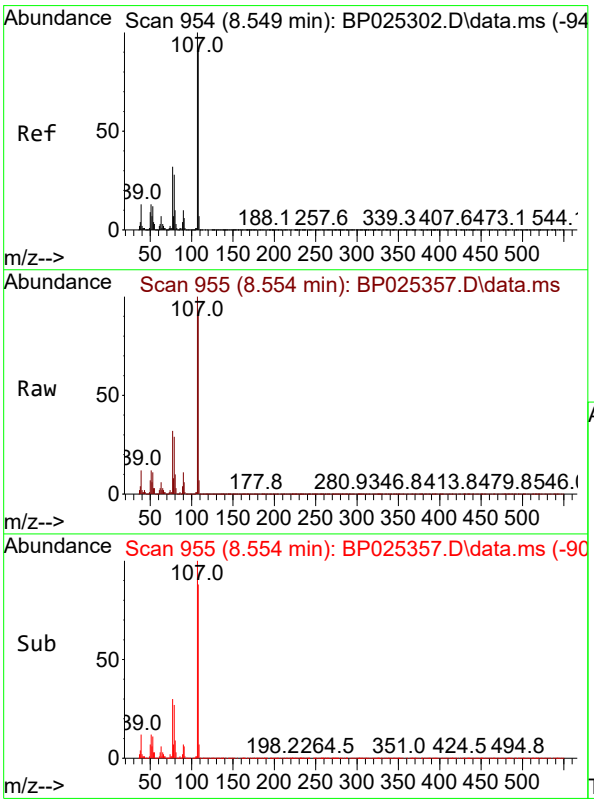
Ion	Ratio	Lower	Upper
70	100		
42	56.7	49.4	74.0
101	9.8	7.9	11.9
130	23.5	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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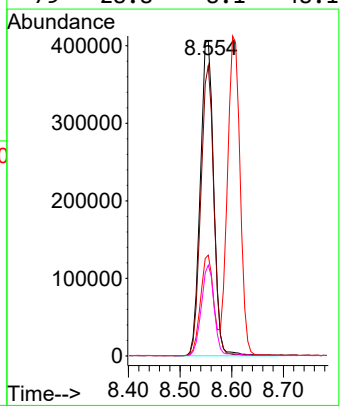
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

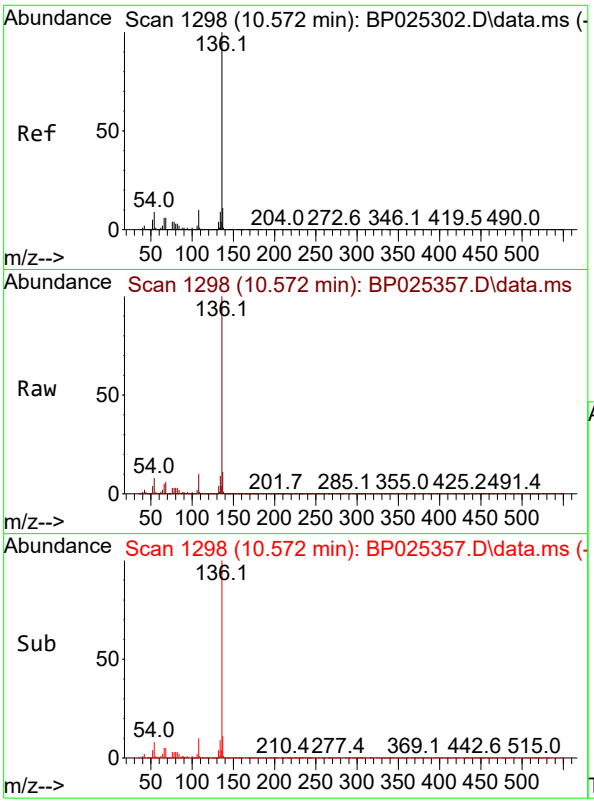


#20
3+4-Methylphenols
Concen: 34.906 ng
RT: 8.554 min Scan# 955
Delta R.T. 0.005 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:107 Resp: 731086

Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.9	111.9
77	32.0	12.0	52.0
79	28.8	8.1	48.1

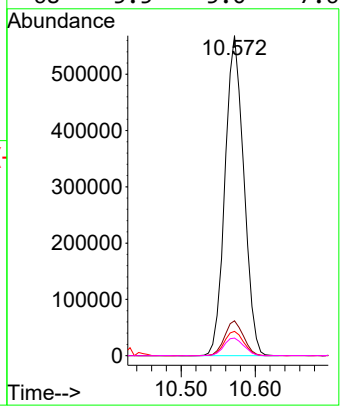




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:136 Resp: 100130

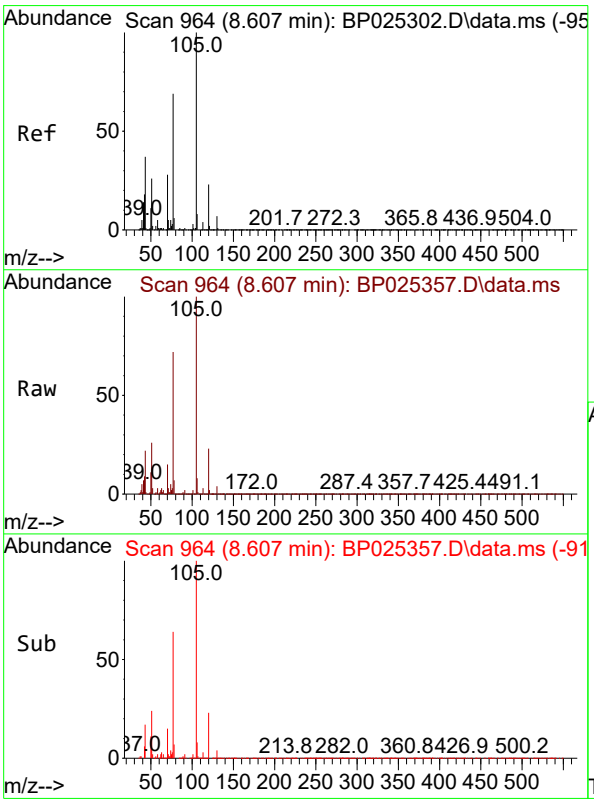
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	5.5	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

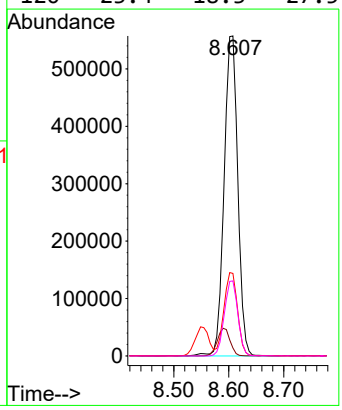
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

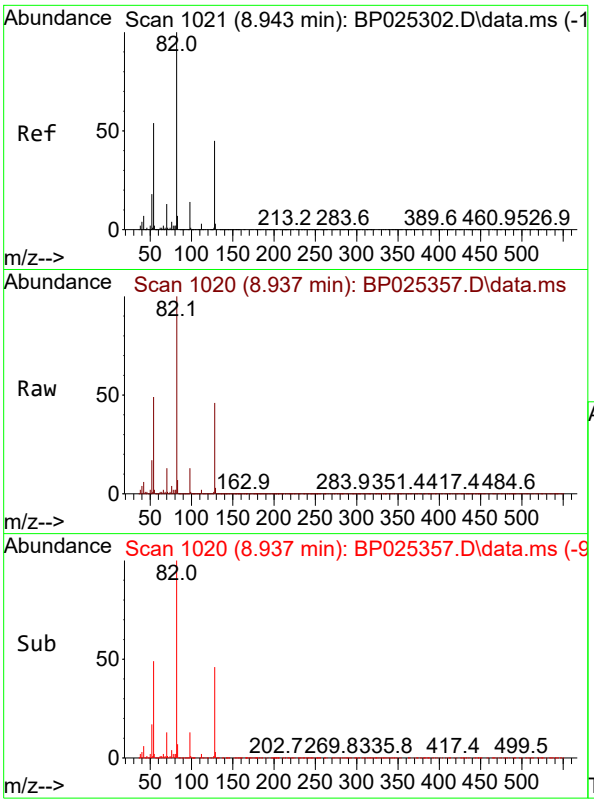


#22
Acetophenone
Concen: 38.299 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:105 Resp: 962719

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.1	6.1#
51	25.8	22.7	34.1
120	23.4	18.3	27.5

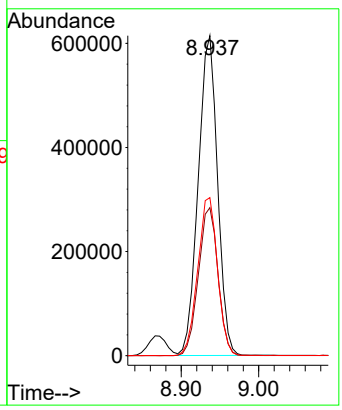




#23
Nitrobenzene-d5
Concen: 58.787 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 82 Resp: 106250

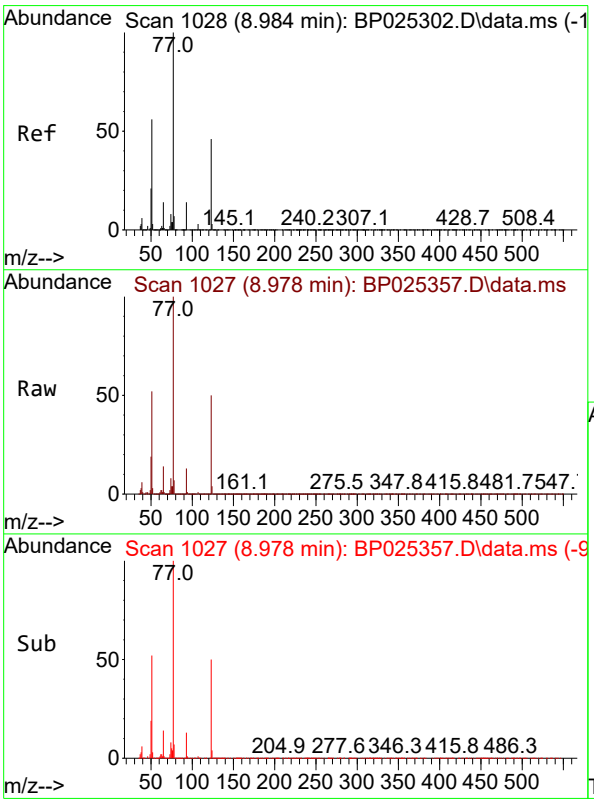
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.4	53.2
54	49.4	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

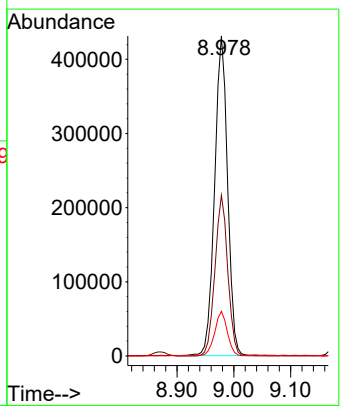
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

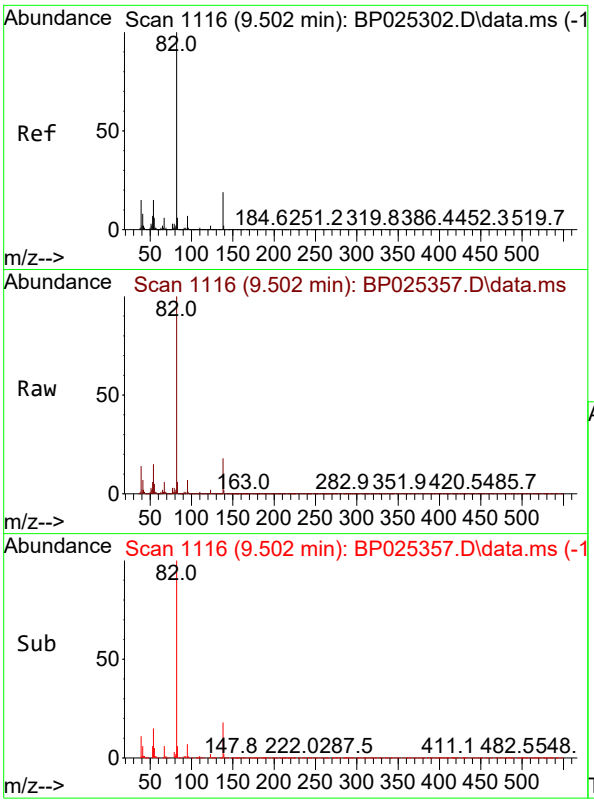


#24
Nitrobenzene
Concen: 39.905 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 77 Resp: 682735

Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.4	56.2
65	13.9	11.1	16.7

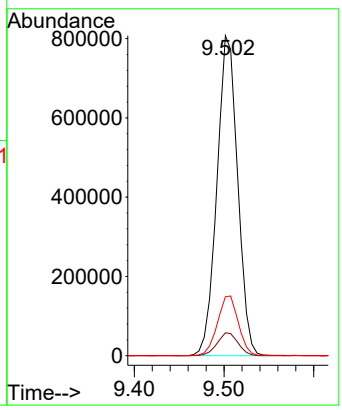




#25
Isophorone
Concen: 36.011 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.001 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 82 Resp: 129555

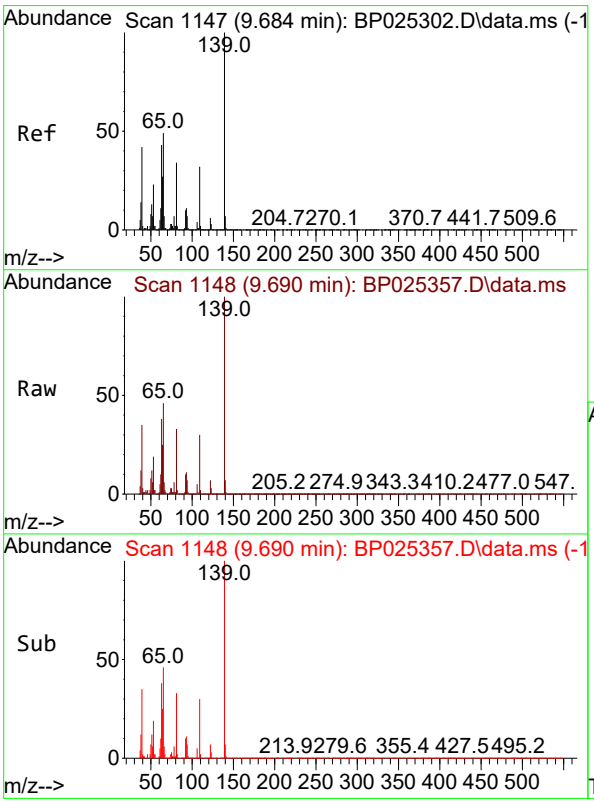
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.4	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

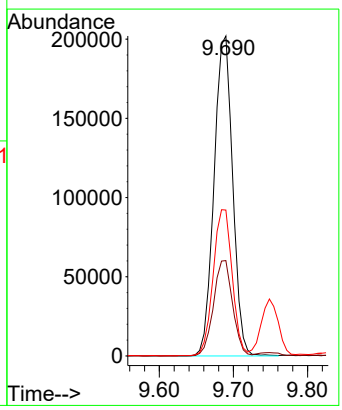
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

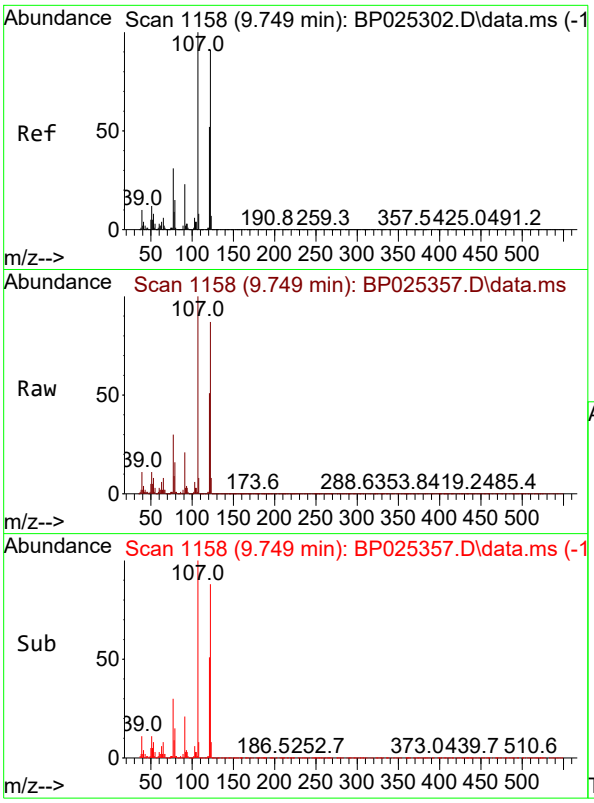


#26
2-Nitrophenol
Concen: 47.406 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:139 Resp: 352942

Ion	Ratio	Lower	Upper
139	100		
109	29.8	25.2	37.8
65	45.6	39.6	59.4





#27
2,4-Dimethylphenol
Concen: 37.494 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

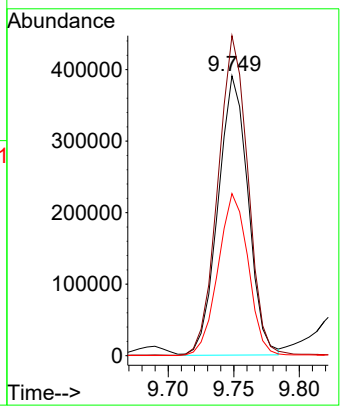
Tgt Ion:122 Resp: 62191

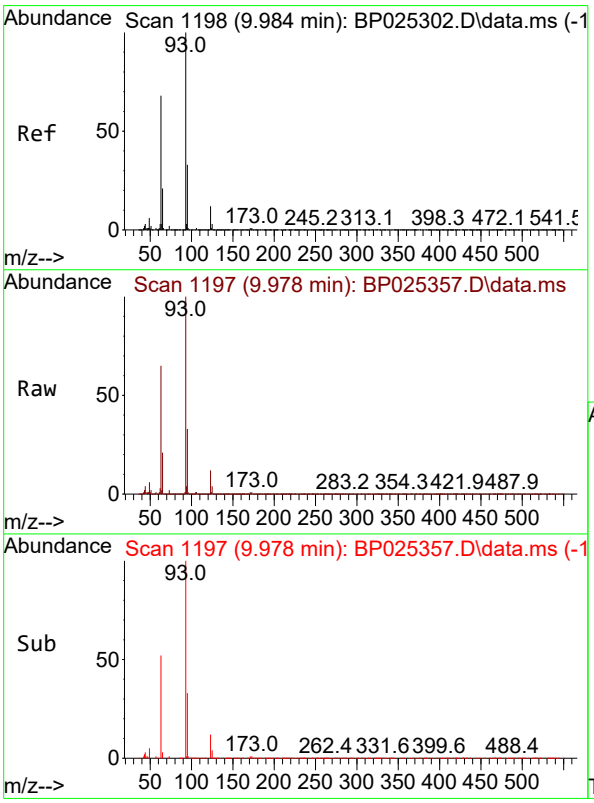
Ion	Ratio	Lower	Upper
122	100		
107	114.4	87.4	131.0
121	57.9	45.8	68.8

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

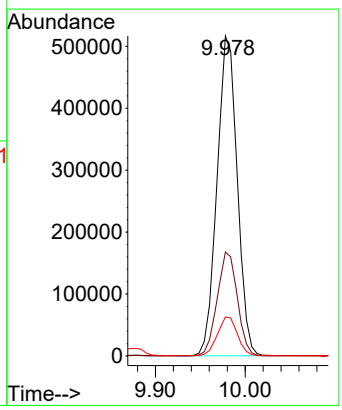


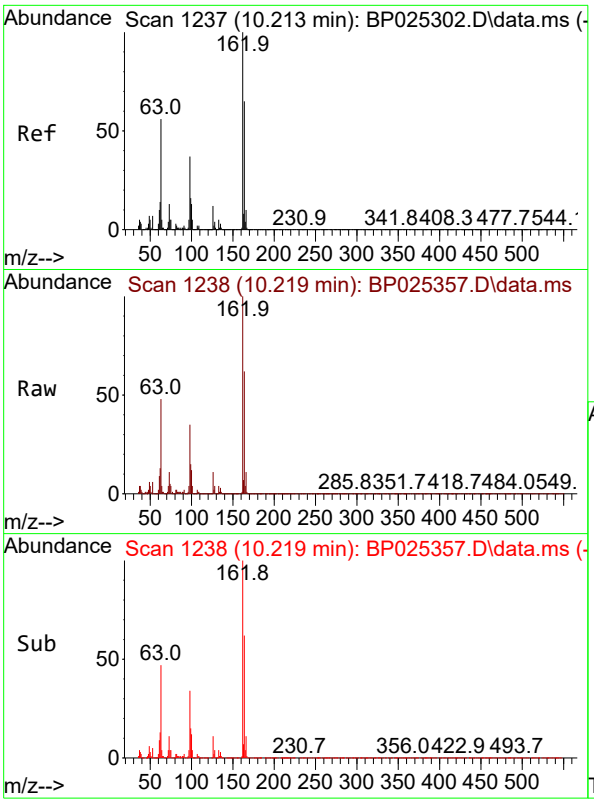


#28
bis(2-Chloroethoxy)methane
Concen: 36.927 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 93 Resp: 808173

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	12.2	9.4	14.2

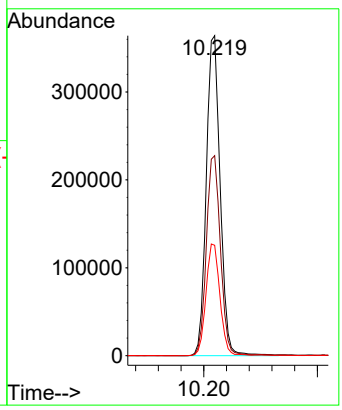




#29
2,4-Dichlorophenol
Concen: 42.380 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:162 Resp: 61541

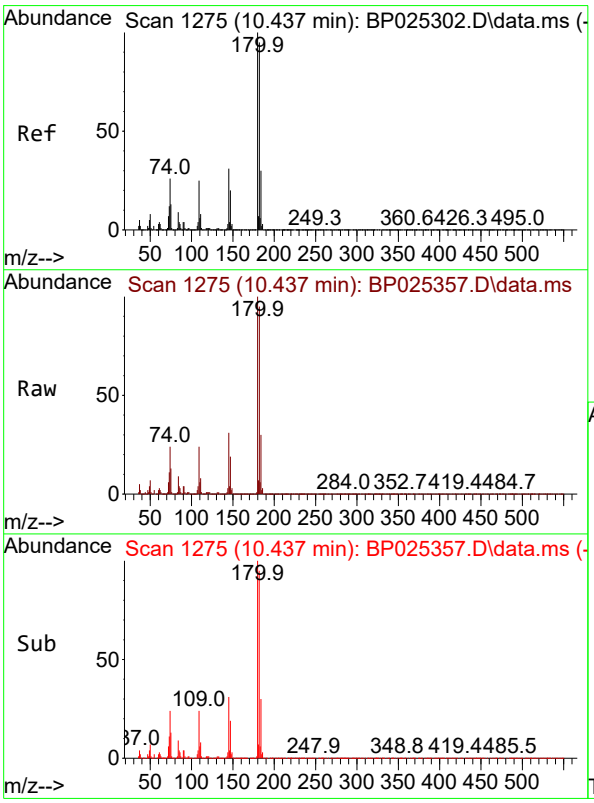
Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.2	85.2
98	34.5	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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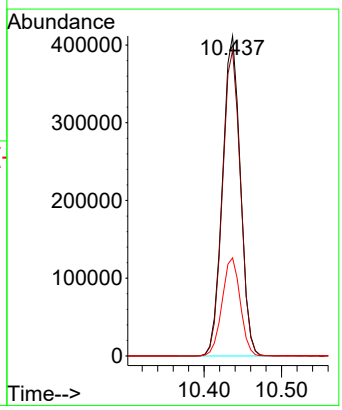
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

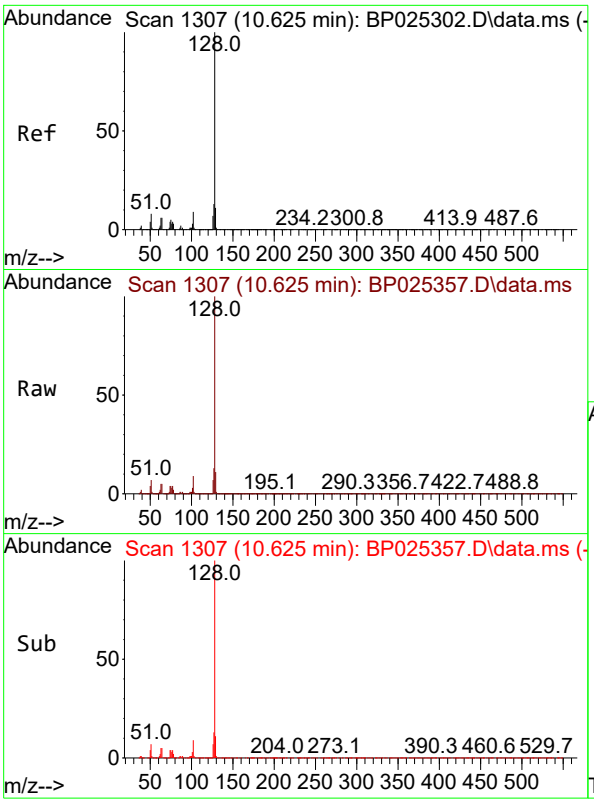


#30
1,2,4-Trichlorobenzene
Concen: 41.221 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:180 Resp: 660395

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	30.7	25.0	37.4

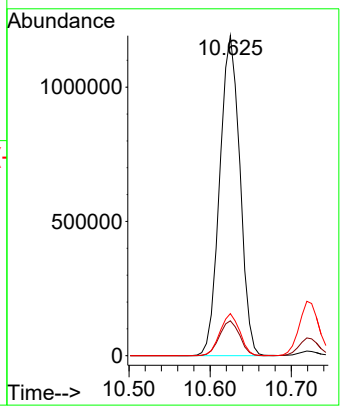




#31
Naphthalene
Concen: 39.610 ng
RT: 10.625 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:128 Resp: 205894

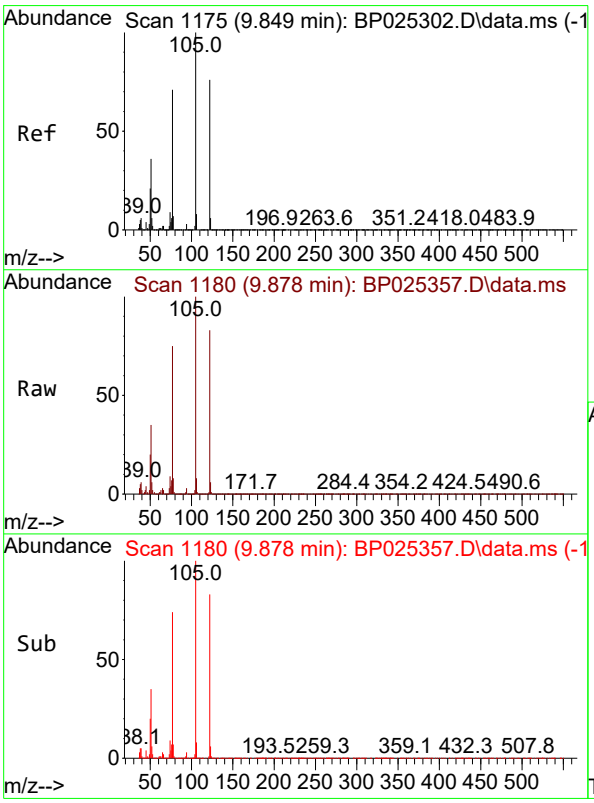
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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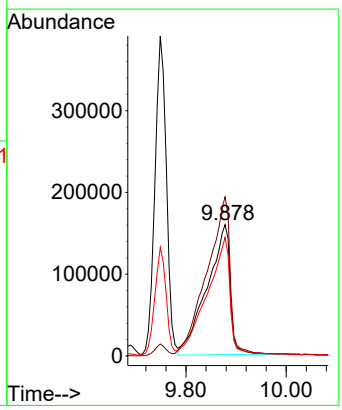
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

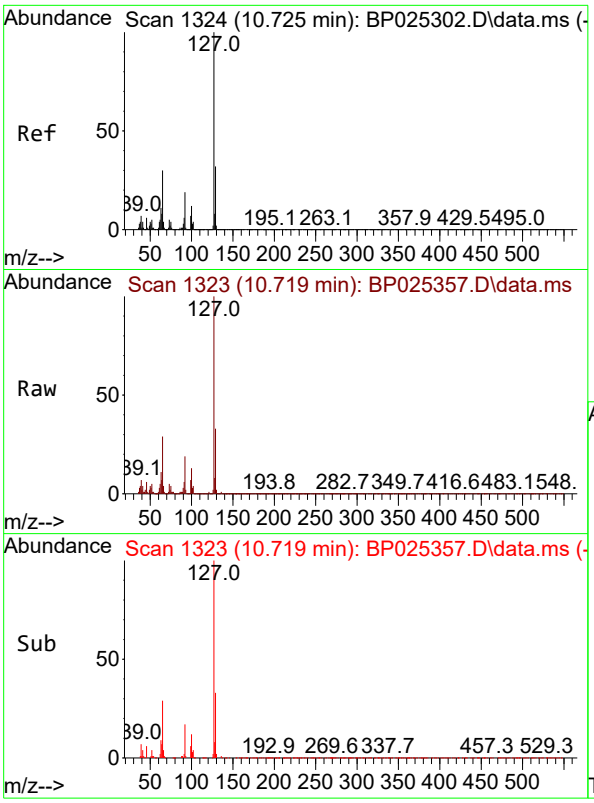


#32
Benzoic acid
Concen: 51.941 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.029 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:122 Resp: 507995

Ion	Ratio	Lower	Upper
122	100		
105	121.0	104.0	144.0
77	90.2	71.8	111.8

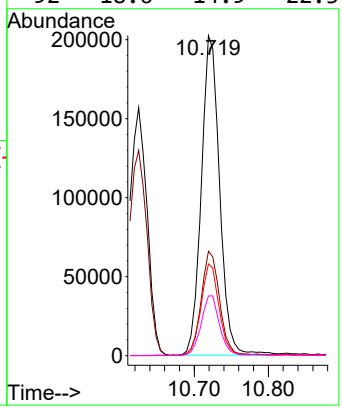




#33
4-Chloroaniline
Concen: 15.067 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:127 Resp: 34832

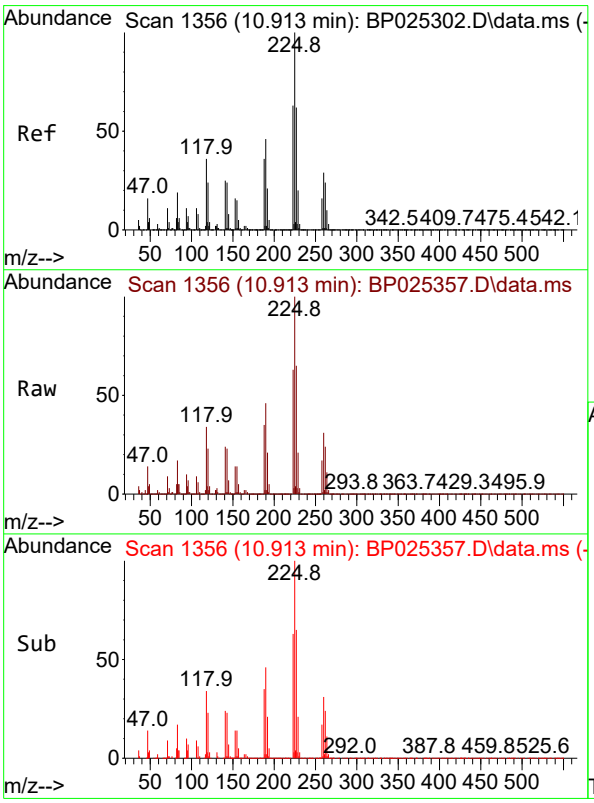
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	28.7	23.6	35.4
92	18.6	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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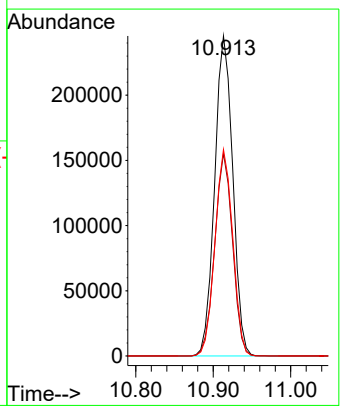
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

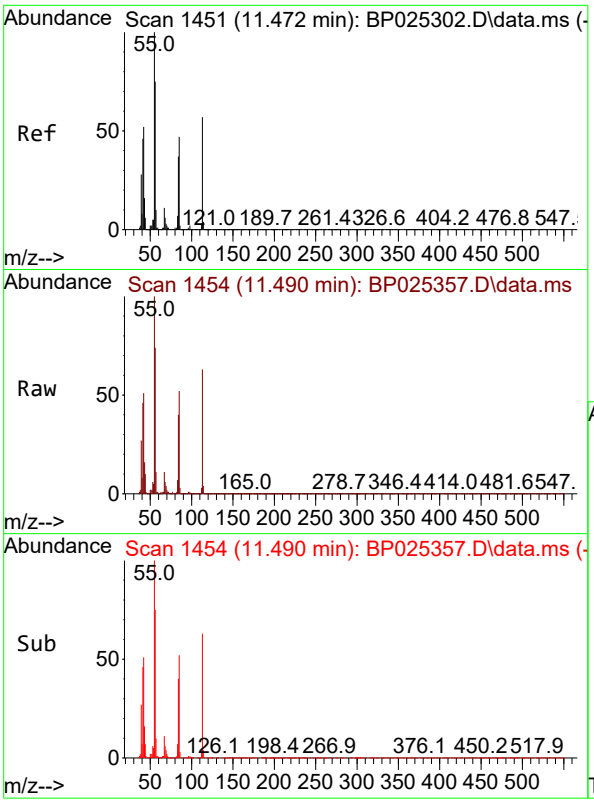


#34
Hexachlorobutadiene
Concen: 43.300 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:225 Resp: 398206

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	64.5	49.7	74.5





#35
Caprolactam
Concen: 36.677 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

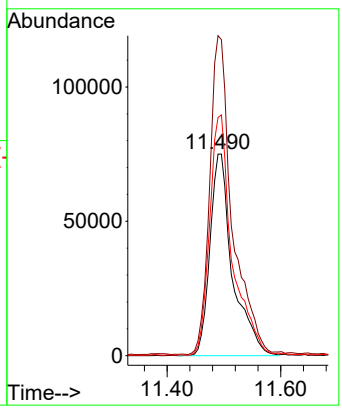
Tgt Ion:113 Resp: 20661

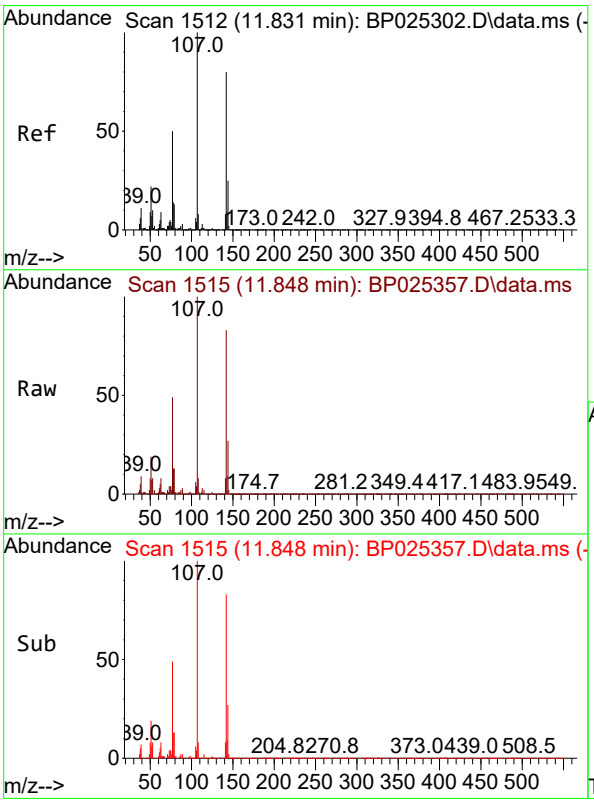
Ion	Ratio	Lower	Upper
113	100		
55	158.8	154.4	194.4
56	118.2	110.9	150.9

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

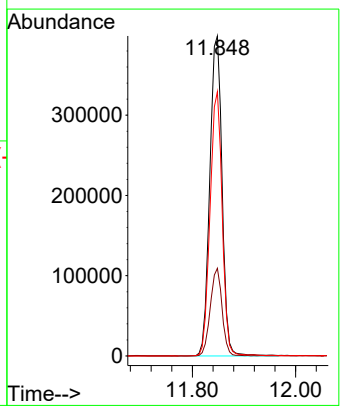


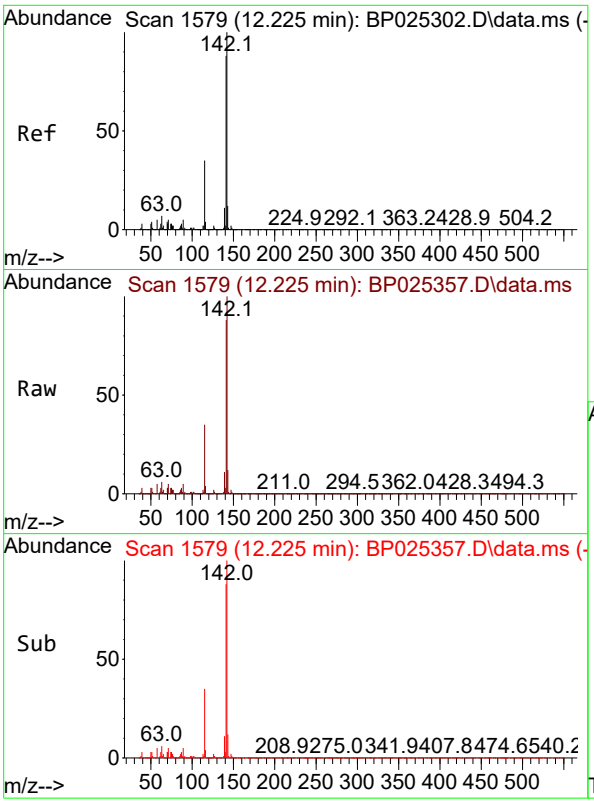


#36
4-Chloro-3-methylphenol
Concen: 39.052 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:107 Resp: 656193

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.4	30.6
142	82.6	63.7	95.5

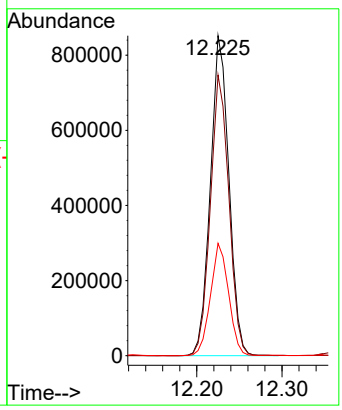




#37
2-Methylnaphthalene
Concen: 38.259 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:142 Resp: 128721

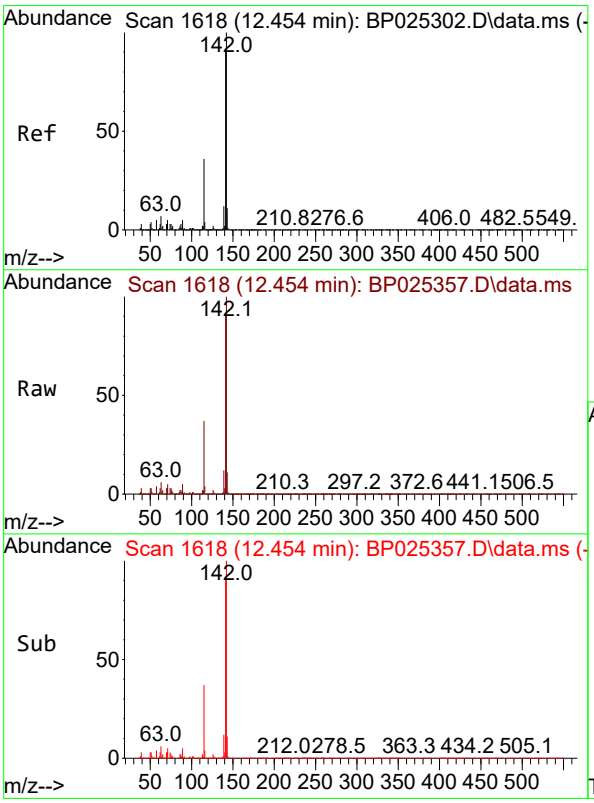
Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	35.1	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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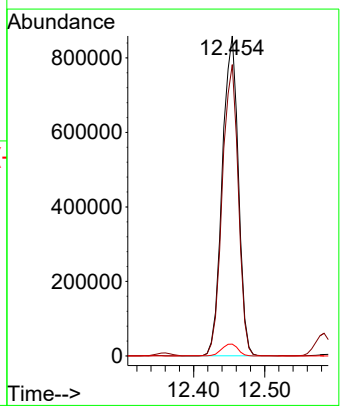
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

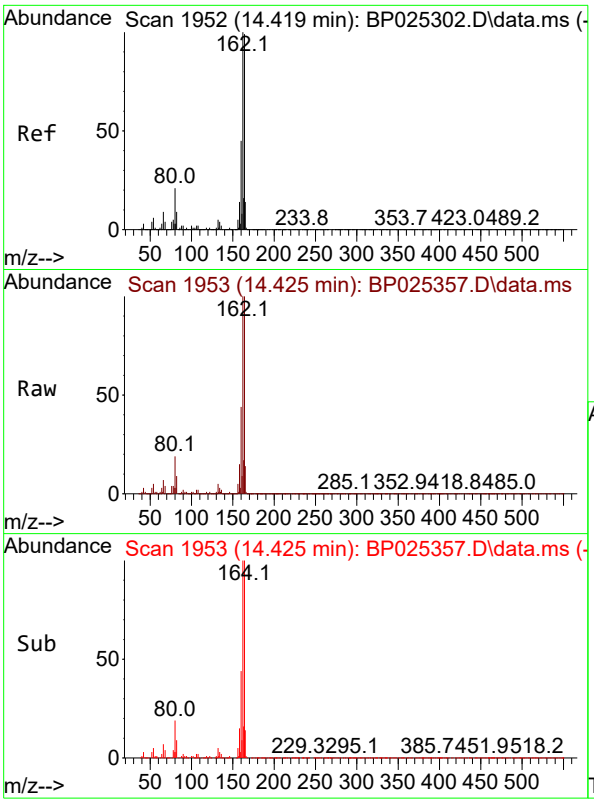


#38
1-Methylnaphthalene
Concen: 38.305 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:142 Resp: 1344731

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6
116	3.7	3.0	4.6

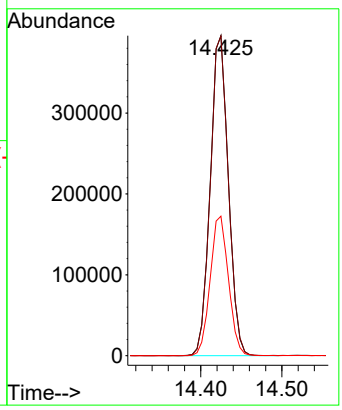




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:164 Resp: 61278

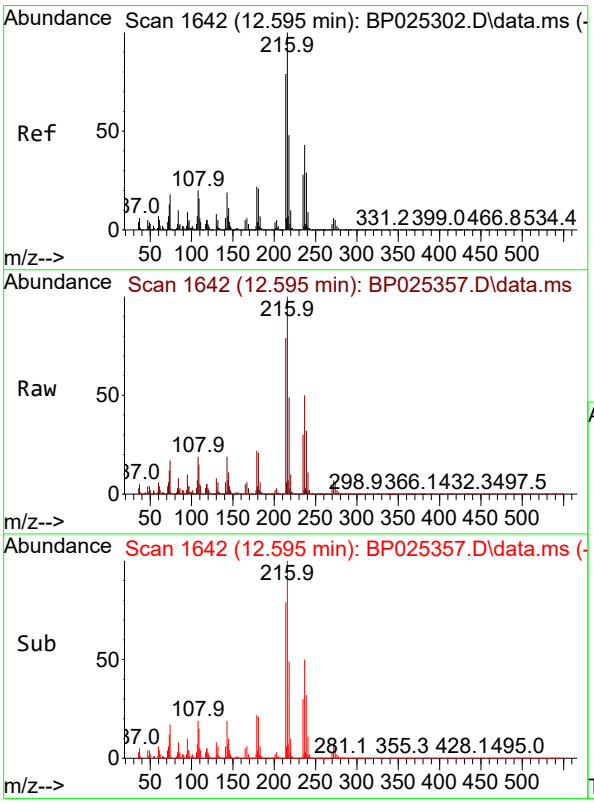
Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.6	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

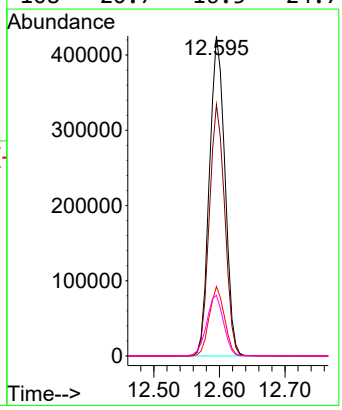
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

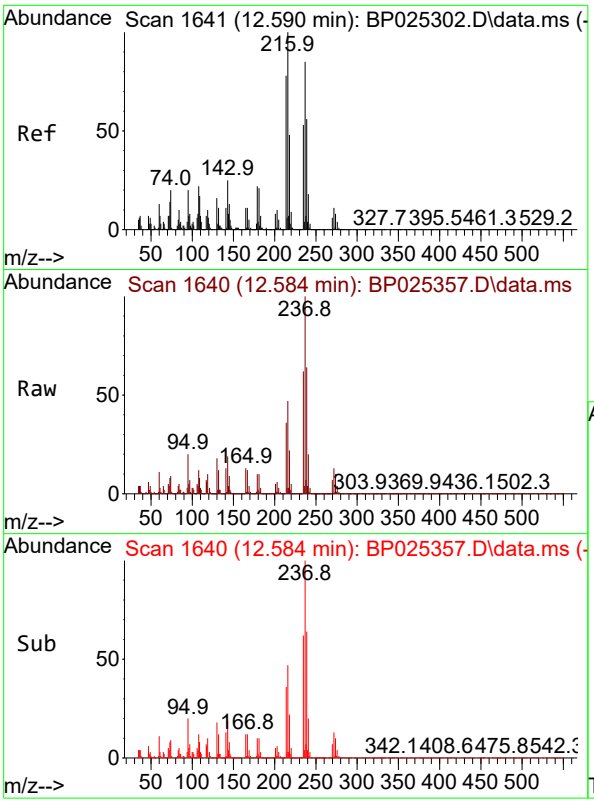


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.712 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:216 Resp: 697848

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	21.3	17.5	26.3
108	20.7	16.5	24.7

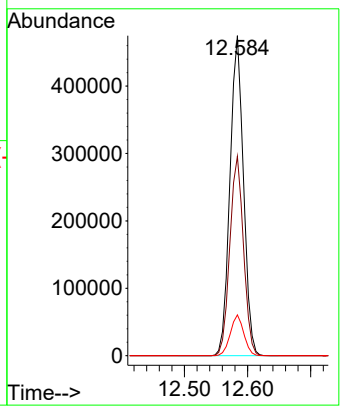




#41
Hexachlorocyclopentadiene
Concen: 68.246 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:237 Resp: 70468

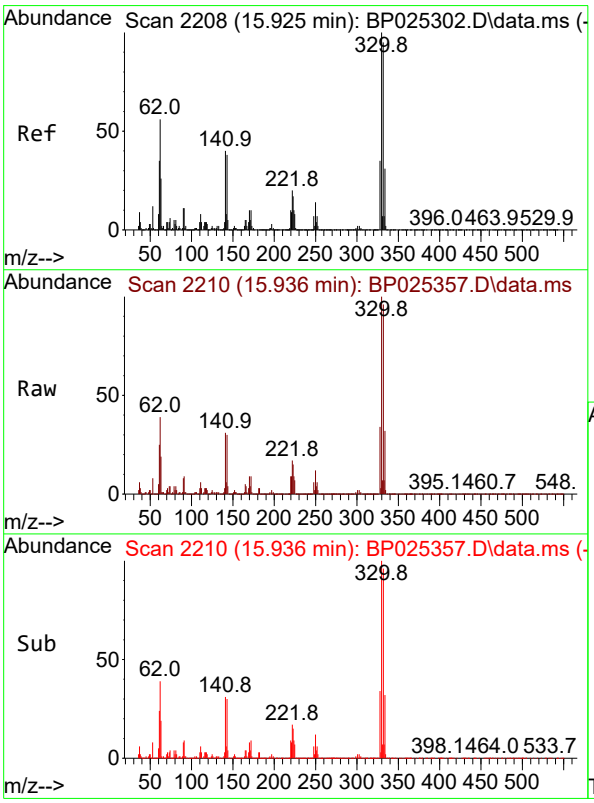
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.2	82.2
272	12.7	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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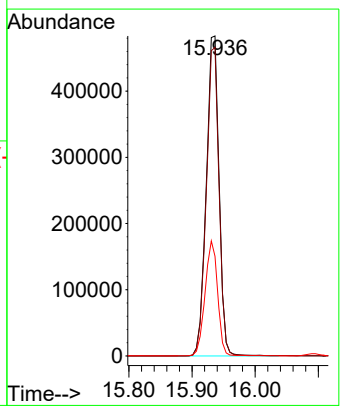
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

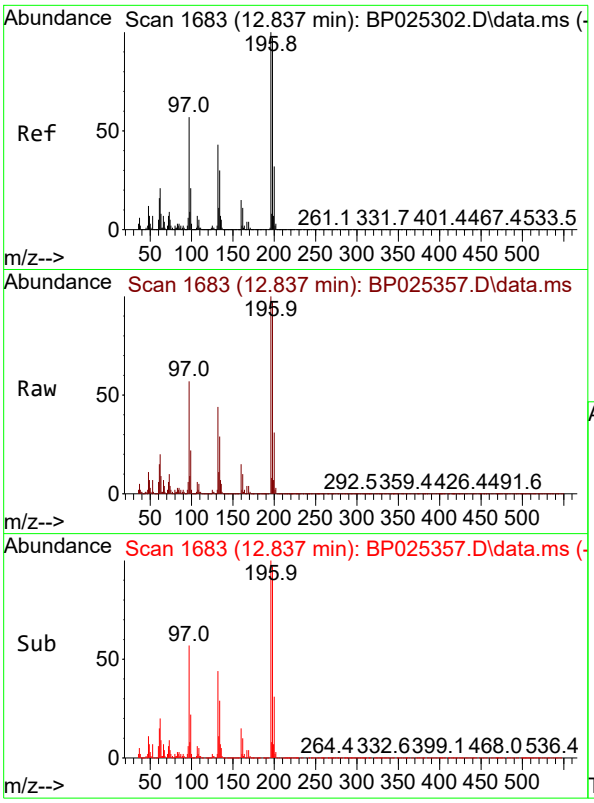


#42
2,4,6-Tribromophenol
Concen: 111.023 ng
RT: 15.936 min Scan# 2210
Delta R.T. 0.011 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:330 Resp: 678709

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	35.4	31.7	47.5

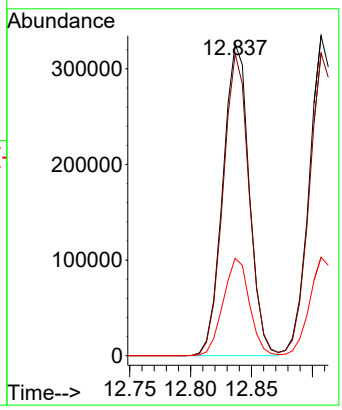




#43
2,4,6-Trichlorophenol
Concen: 45.490 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:196 Resp: 49163

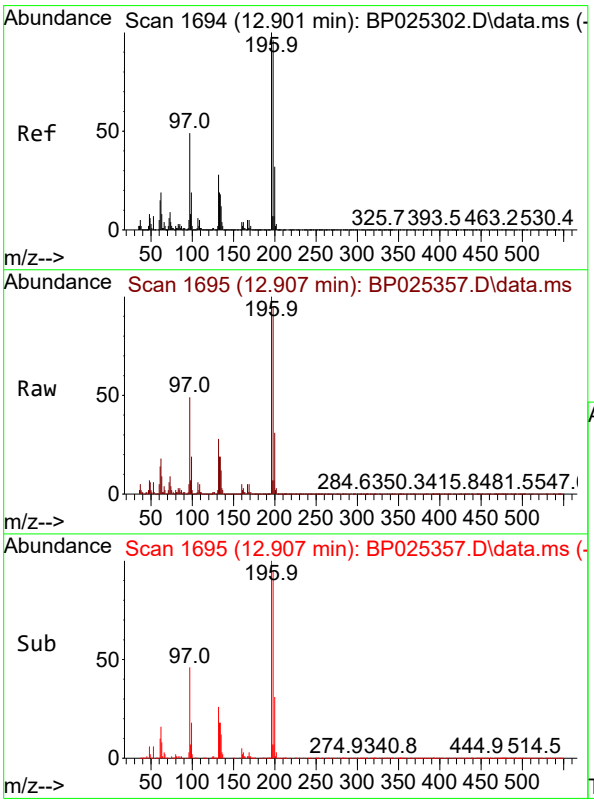
Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
200	31.3	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

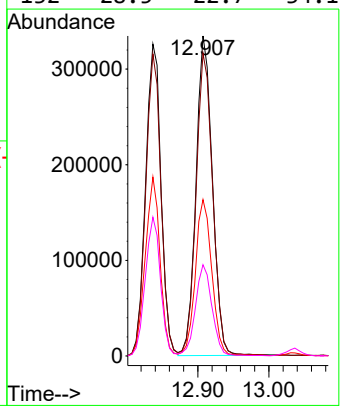
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

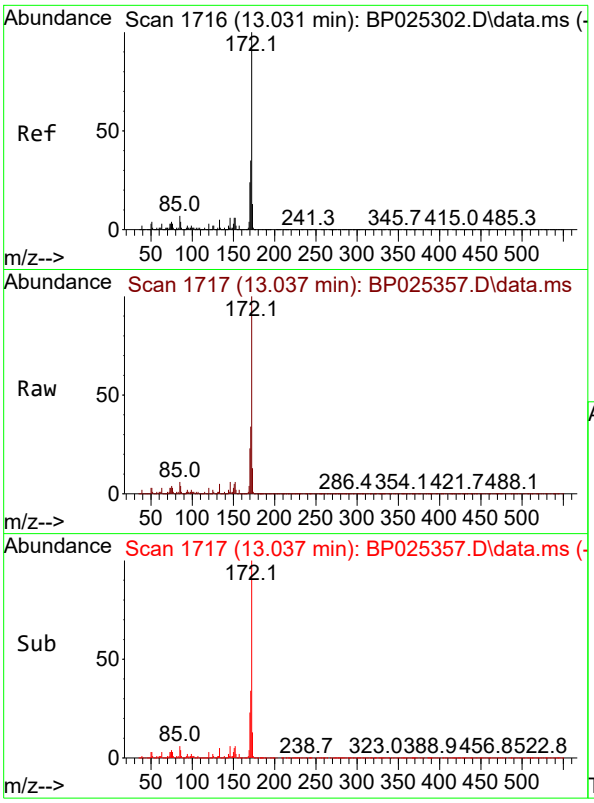


#44
2,4,5-Trichlorophenol
Concen: 44.451 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:196 Resp: 538913

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.6	114.8
97	48.9	39.5	59.3
132	28.5	22.7	34.1

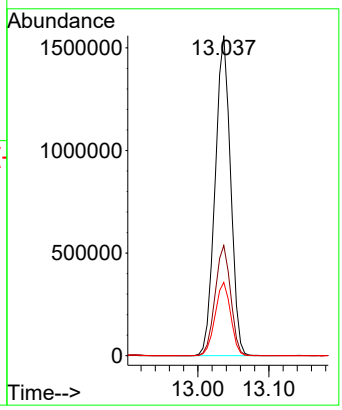




#45
2-Fluorobiphenyl
Concen: 52.871 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:172 Resp: 234566

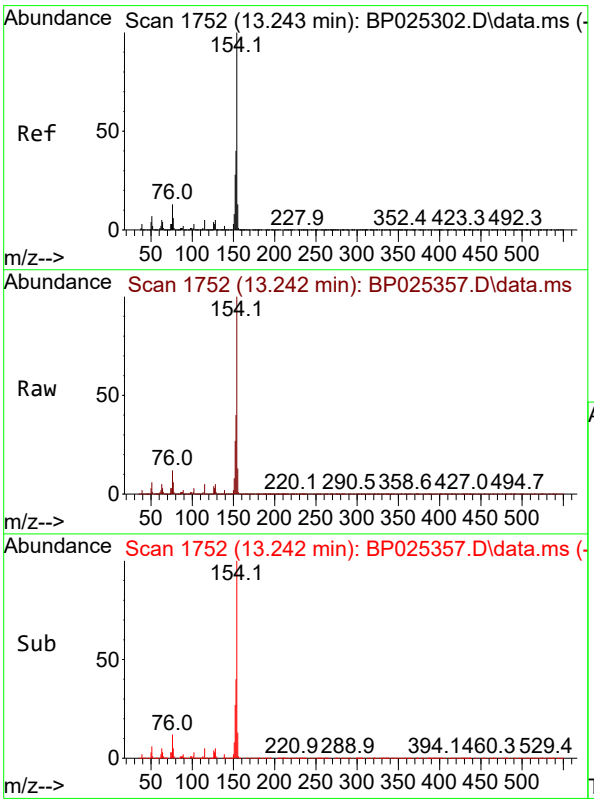
Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	22.9	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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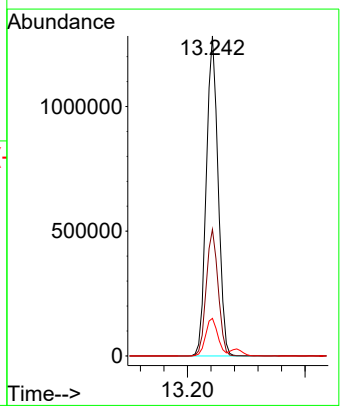
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

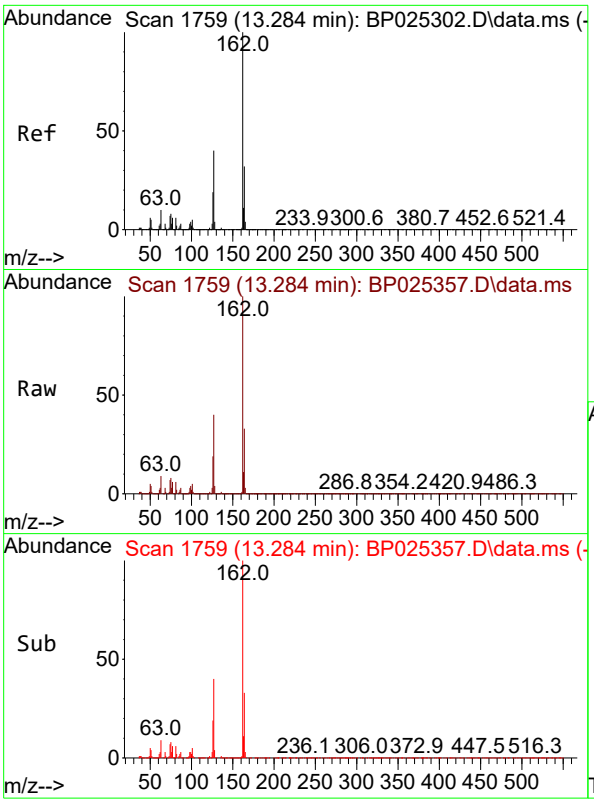


#46
1,1'-Biphenyl
Concen: 39.648 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:154 Resp: 1790462

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.9	59.9
76	11.7	0.0	33.2

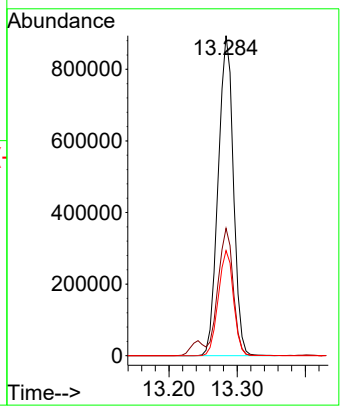




#47
2-Chloronaphthalene
Concen: 40.223 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:162 Resp: 138582

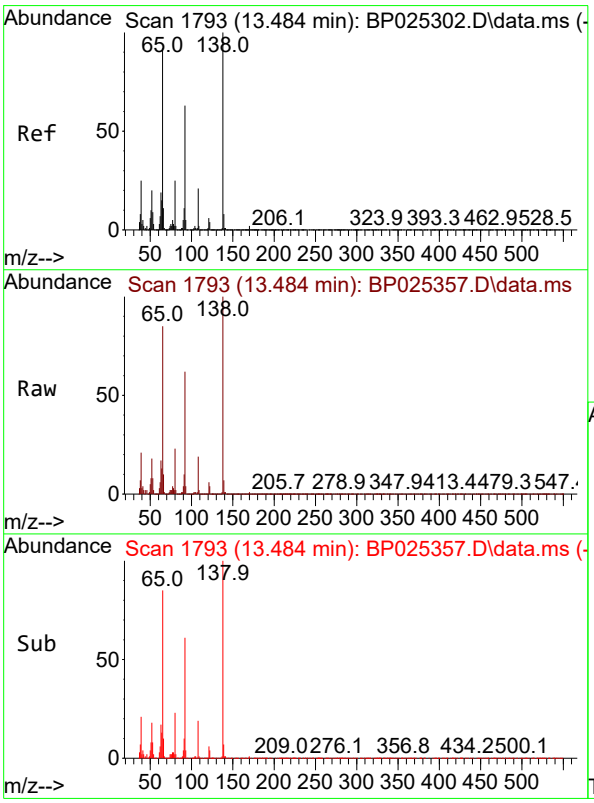
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.2	48.2
164	32.8	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

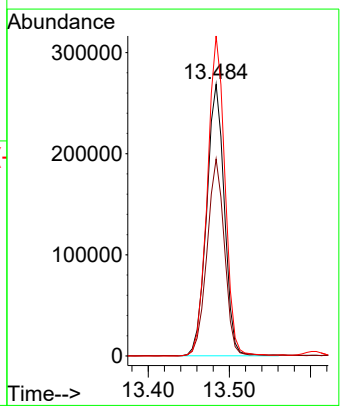
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

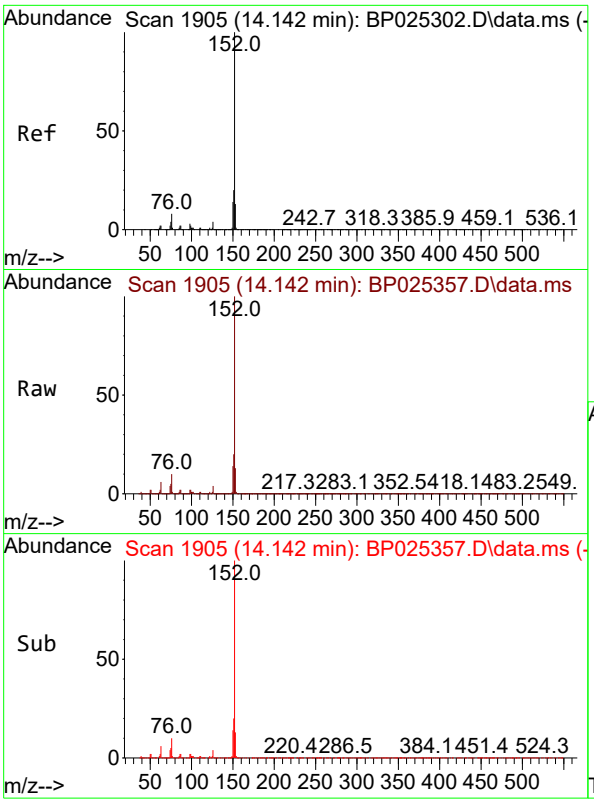


#48
2-Nitroaniline
Concen: 40.804 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 65 Resp: 407038

Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.4	81.6
138	117.8	87.0	130.4





#49
Acenaphthylene
Concen: 40.127 ng
RT: 14.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

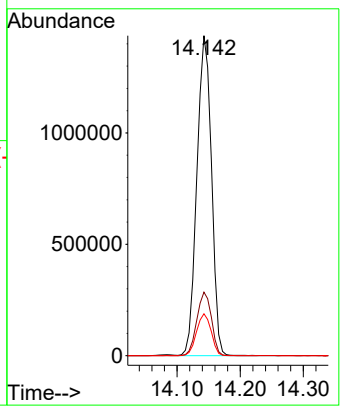
Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

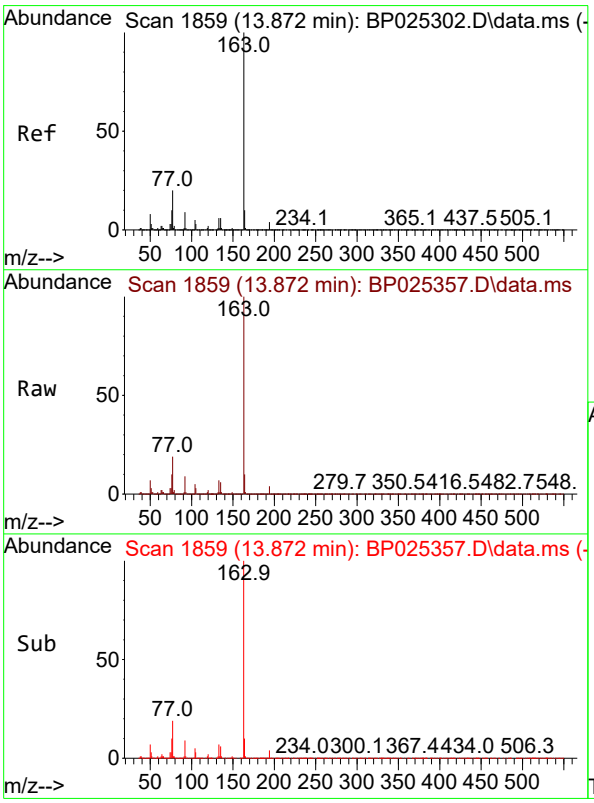
Tgt Ion:152 Resp: 230608

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.4	15.6

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

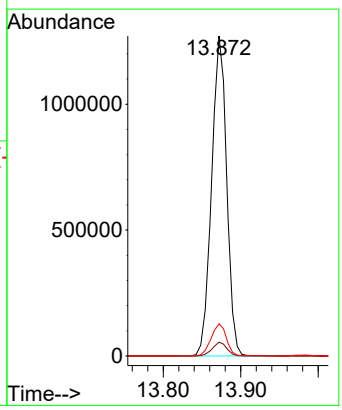


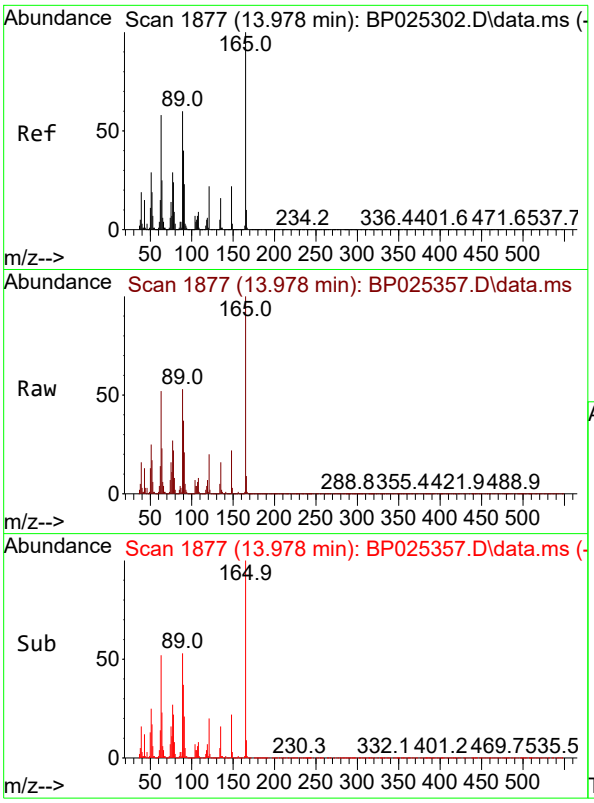


#50
Dimethylphthalate
Concen: 38.363 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:163 Resp: 1713736

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 46.109 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

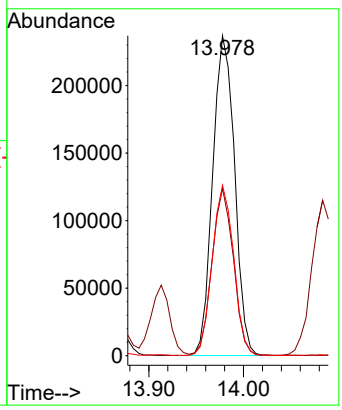
Tgt Ion:165 Resp: 37993

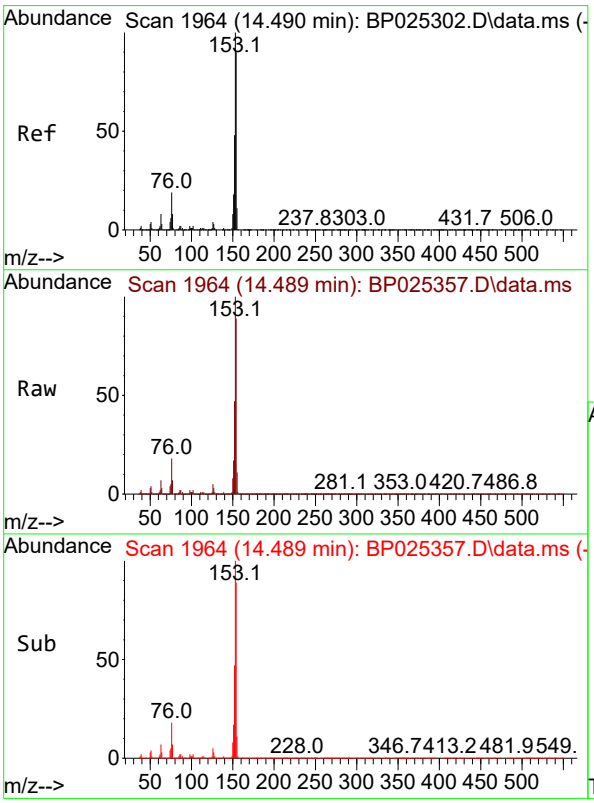
Ion	Ratio	Lower	Upper
165	100		
63	52.2	47.6	71.4
89	53.3	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

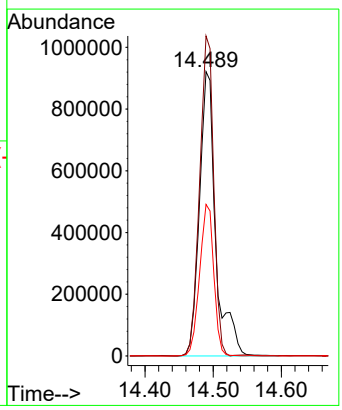


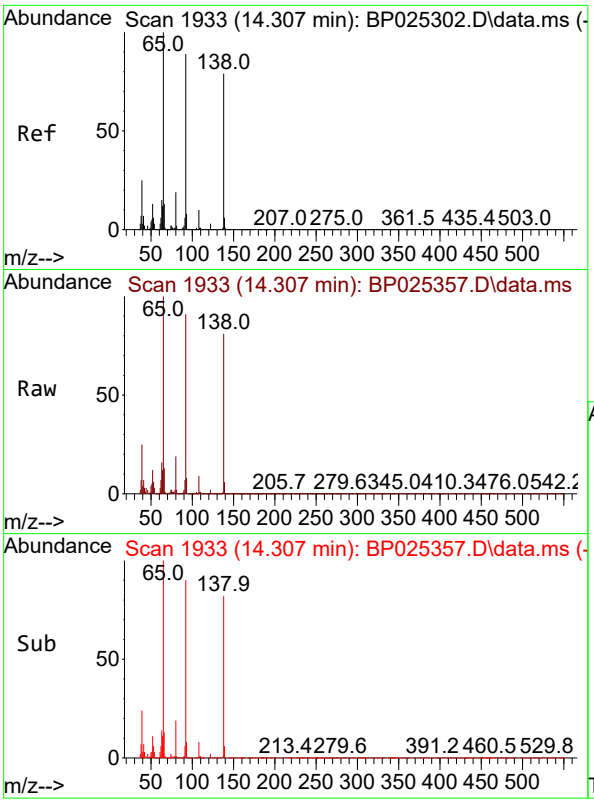


#52
Acenaphthene
Concen: 43.665 ng
RT: 14.489 min Scan# 1964
Delta R.T. -0.001 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:154 Resp: 1530649

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.0
152	53.3	43.0	64.6





#53
3-Nitroaniline
Concen: 22.931 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

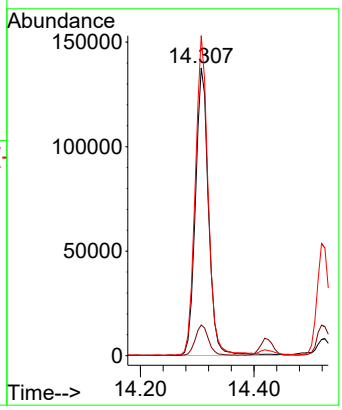
Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

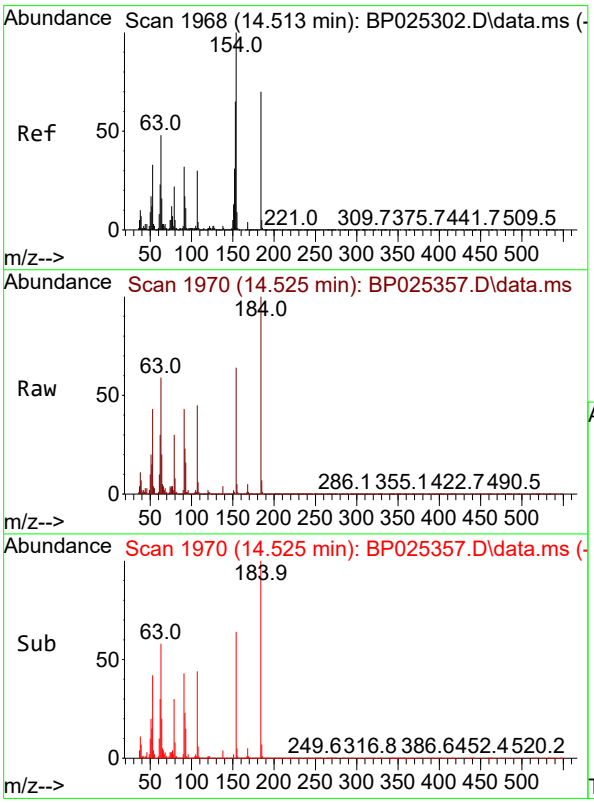
Tgt Ion:138 Resp: 22109

Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.5	15.7
92	111.2	90.9	136.3

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

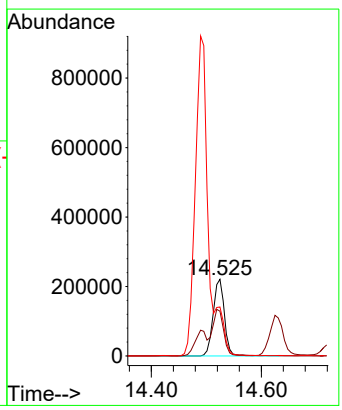


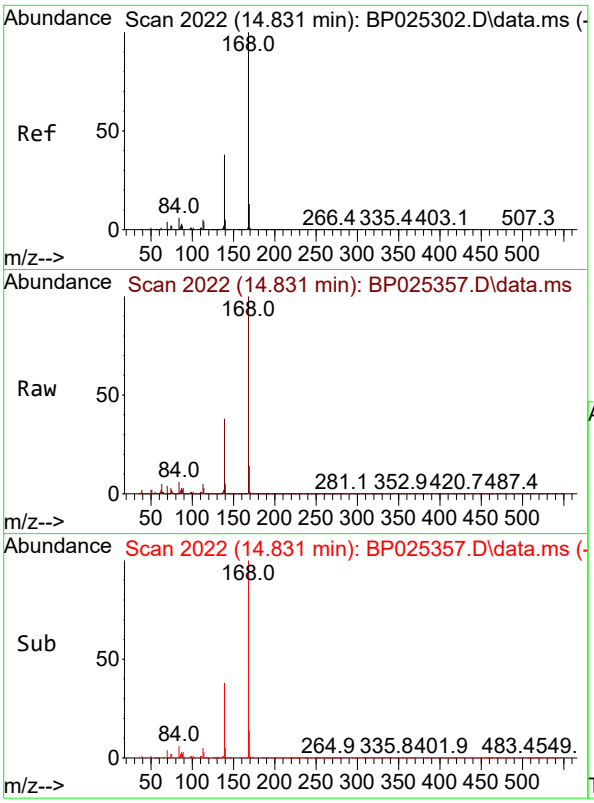


#54
2,4-Dinitrophenol
Concen: 72.890 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:184 Resp: 315814

Ion	Ratio	Lower	Upper
184	100		
63	58.5	56.3	84.5
154	64.0	124.5	186.7#

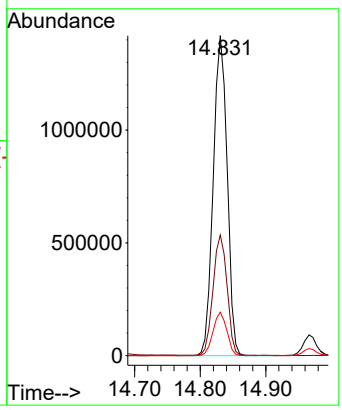




#55
Dibenzofuran
Concen: 39.811 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:168 Resp: 208546

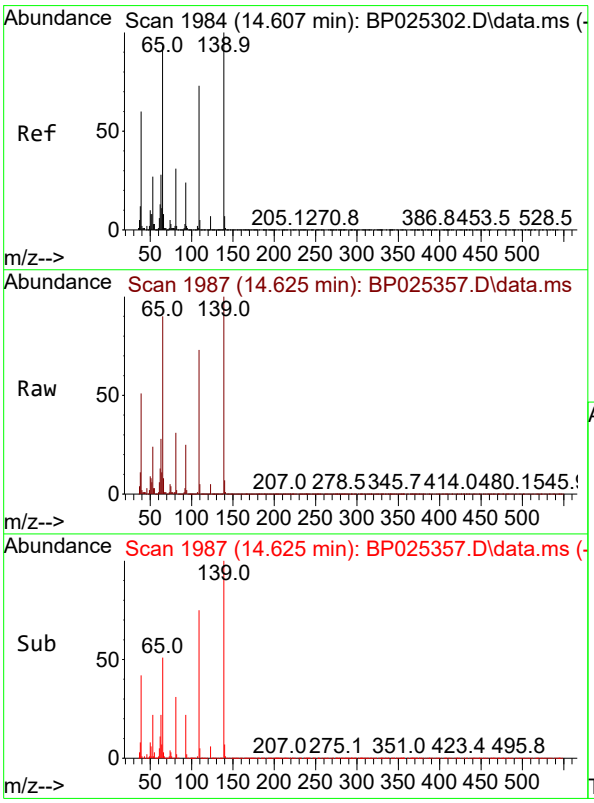
Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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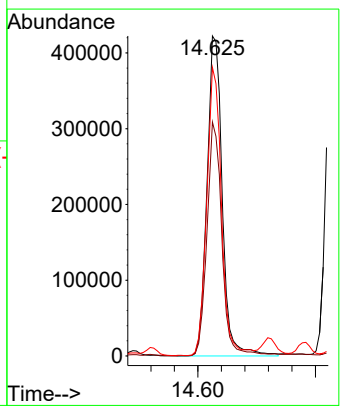
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

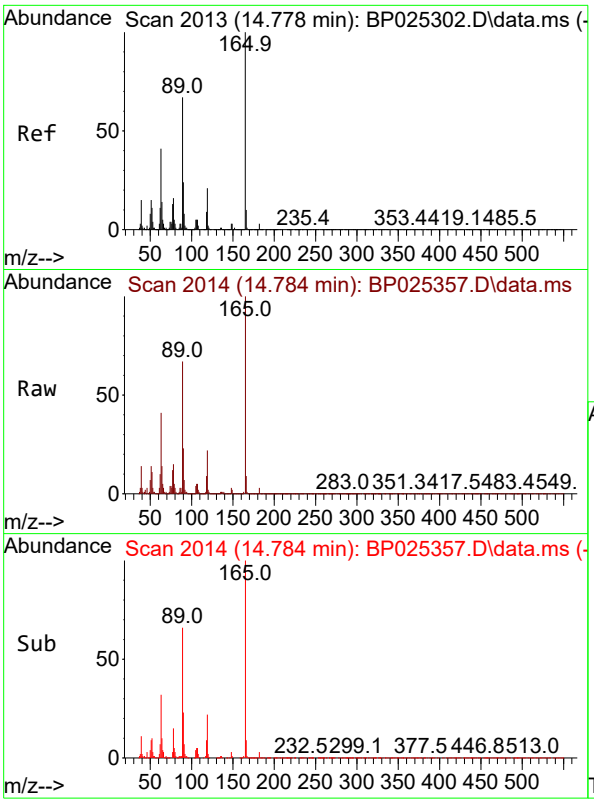


#56
4-Nitrophenol
Concen: 89.399 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:139 Resp: 760732

Ion	Ratio	Lower	Upper
139	100		
109	73.1	52.7	92.7
65	90.2	73.4	113.4

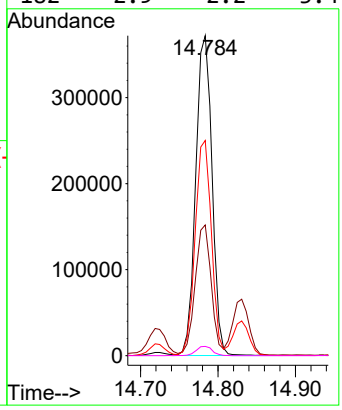




#57
2,4-Dinitrotoluene
Concen: 42.863 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:165 Resp: 54272

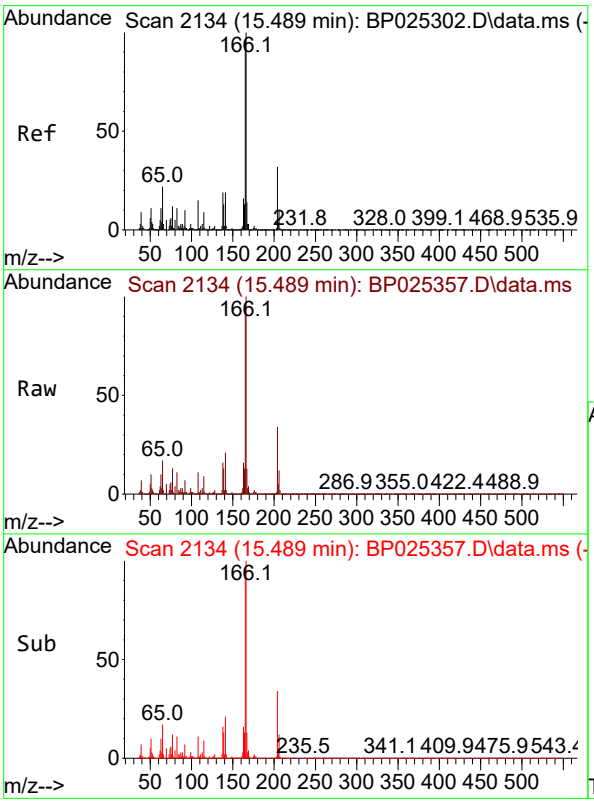
Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.2	49.8
89	67.2	53.5	80.3
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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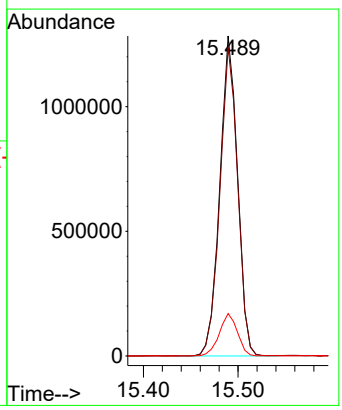
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

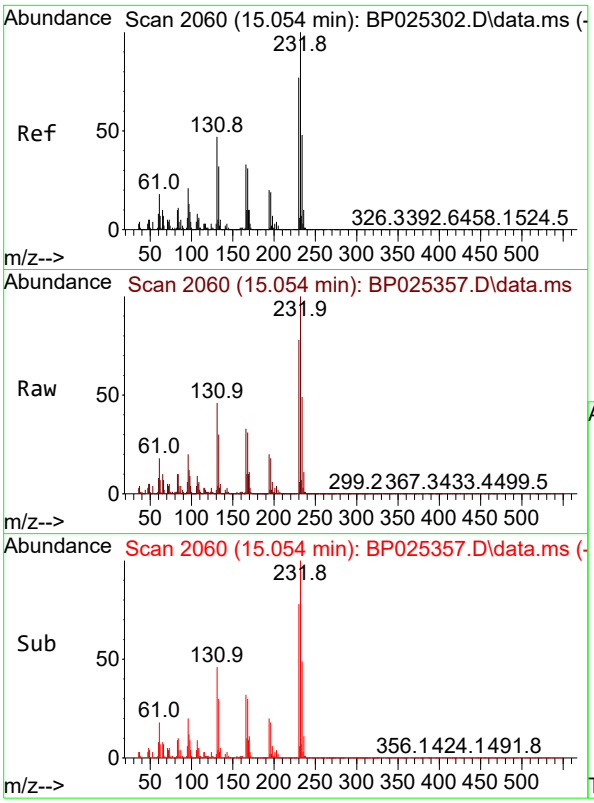


#58
Fluorene
Concen: 40.714 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:166 Resp: 1675125

Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.7	115.1
167	13.3	10.9	16.3

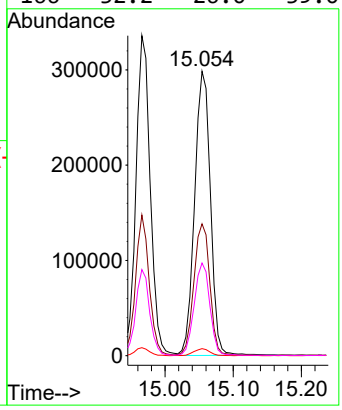




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.479 ng
RT: 15.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:232 Resp: 48082

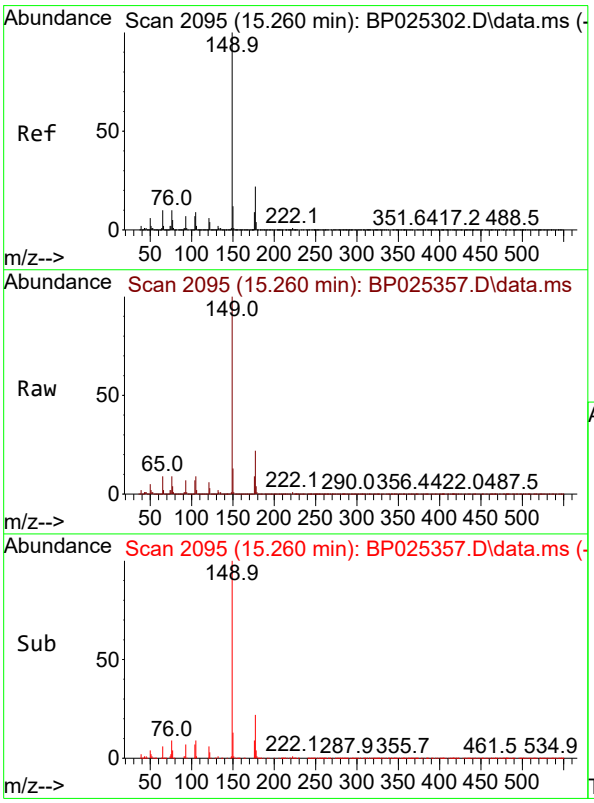
Ion	Ratio	Lower	Upper
232	100		
131	46.2	39.3	58.9
130	2.5	2.2	3.2
166	32.2	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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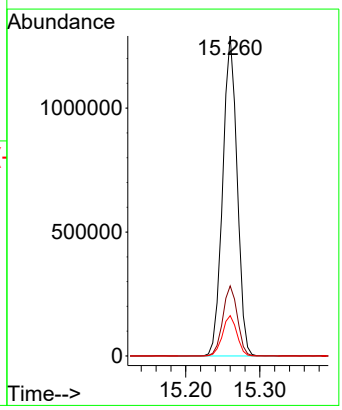
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

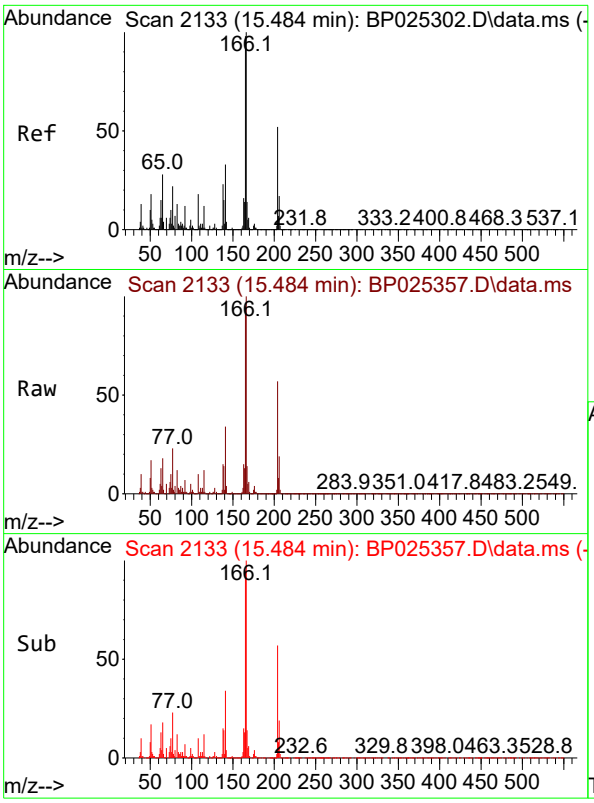


#60
Diethylphthalate
Concen: 38.780 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:149 Resp: 1746551

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	9.8	14.8

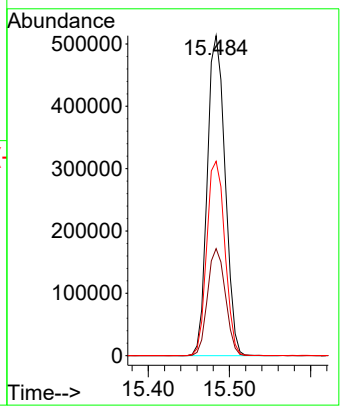




#61
4-Chlorophenyl-phenylether
Concen: 40.028 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:204 Resp: 78074

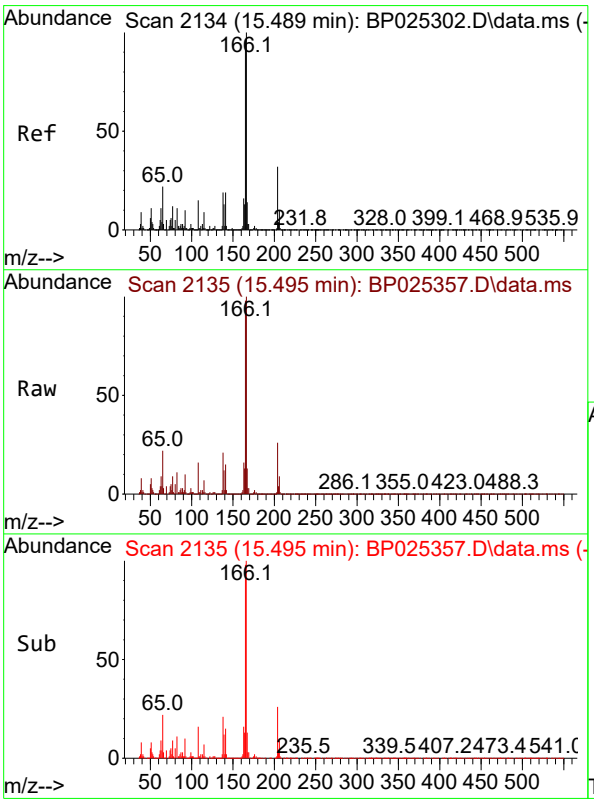
Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.4
141	60.7	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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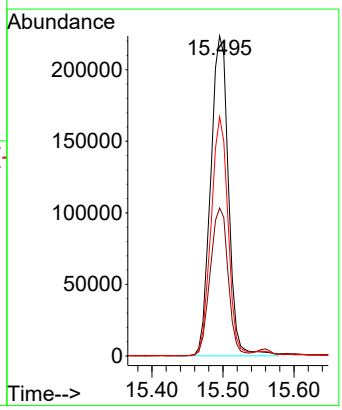
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

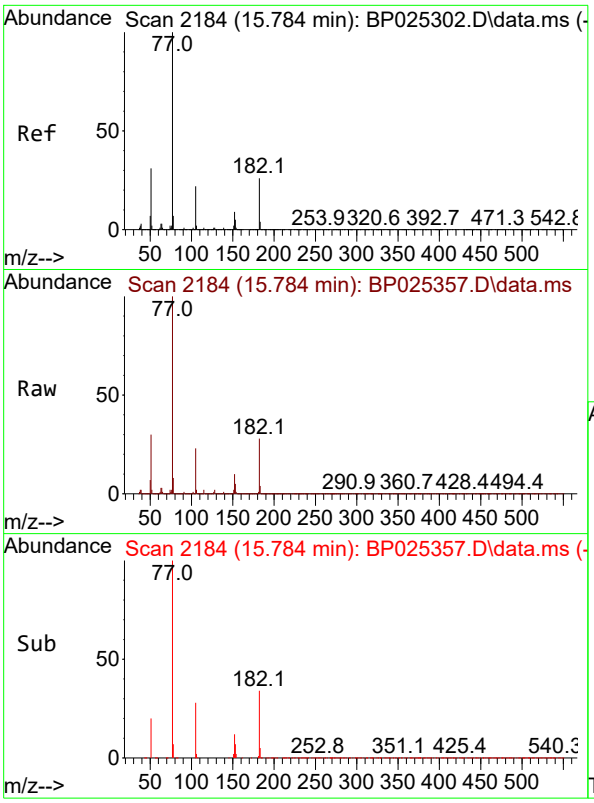


#62
4-Nitroaniline
Concen: 40.678 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:138 Resp: 388623

Ion	Ratio	Lower	Upper
138	100		
92	46.2	29.8	69.8
108	74.7	56.6	96.6

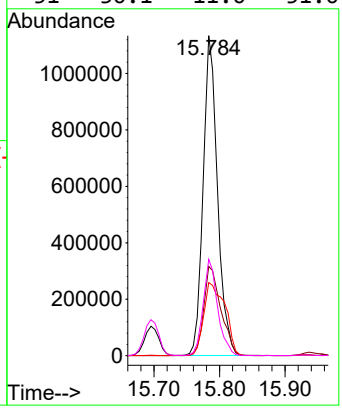




#63
Azobenzene
Concen: 41.300 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion: 77 Resp: 172796

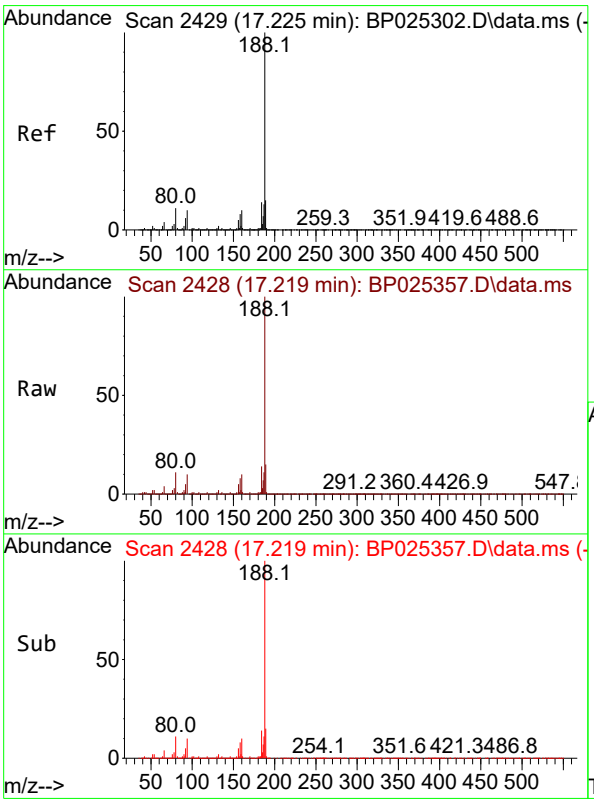
Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.0	46.0
105	22.9	2.1	42.1
51	30.1	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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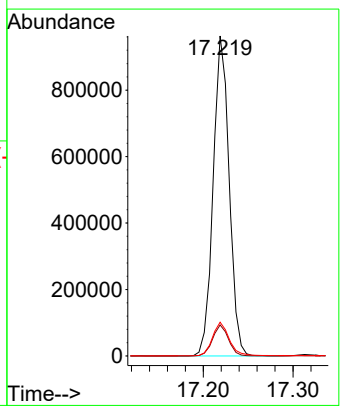
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

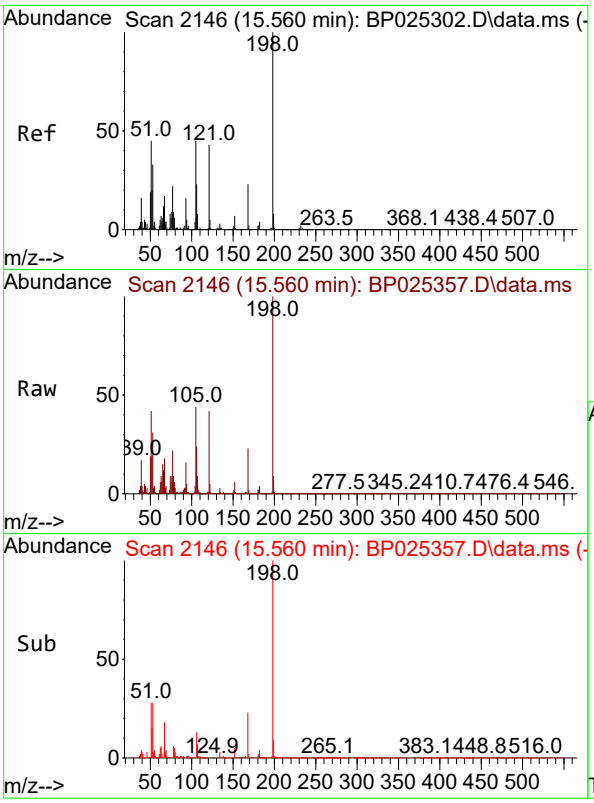


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:188 Resp: 1190895

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.6	8.5	12.7

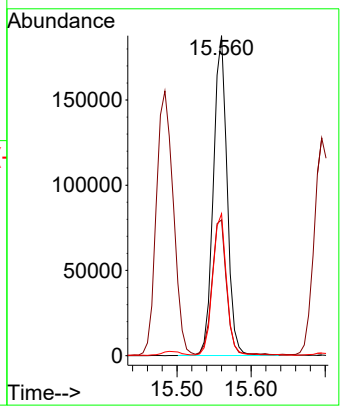




#65
4,6-Dinitro-2-methylphenol
Concen: 46.378 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:198 Resp: 24140

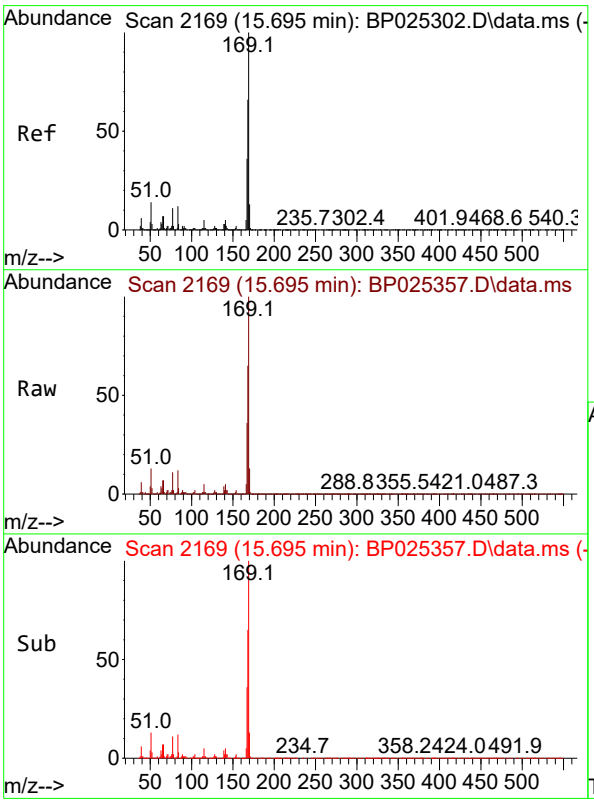
Ion	Ratio	Lower	Upper
198	100		
51	42.5	26.7	66.7
105	44.4	25.6	65.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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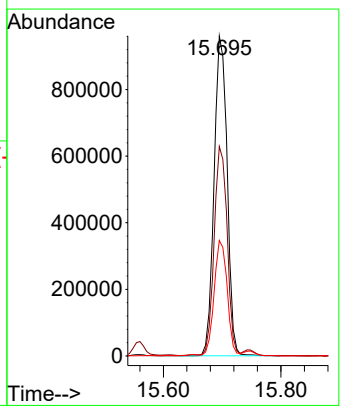
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

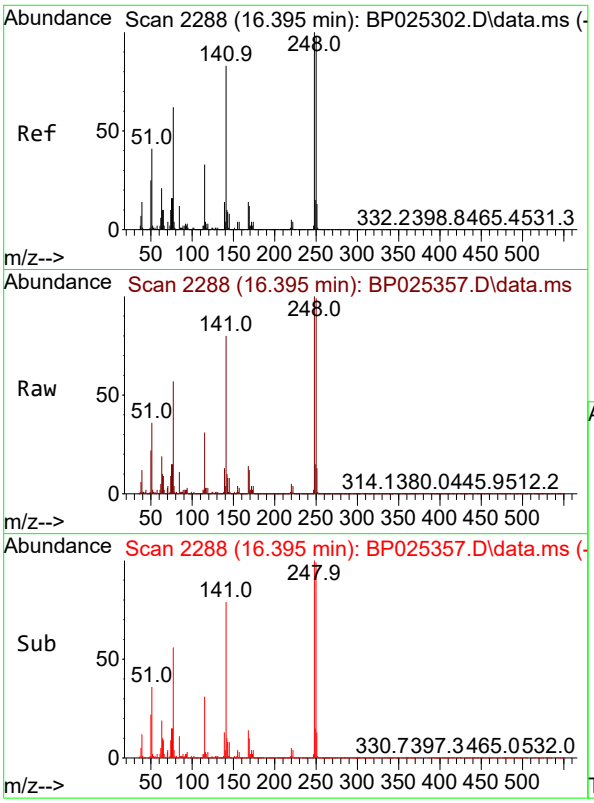


#66
n-Nitrosodiphenylamine
Concen: 40.909 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:169 Resp: 1483380

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	36.1	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 42.437 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

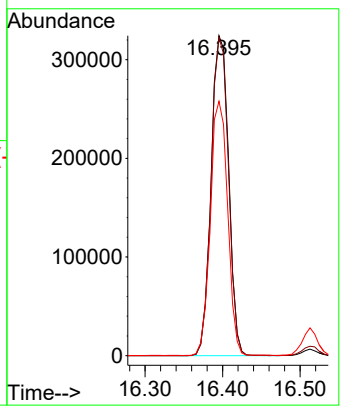
Tgt Ion:248 Resp: 50850

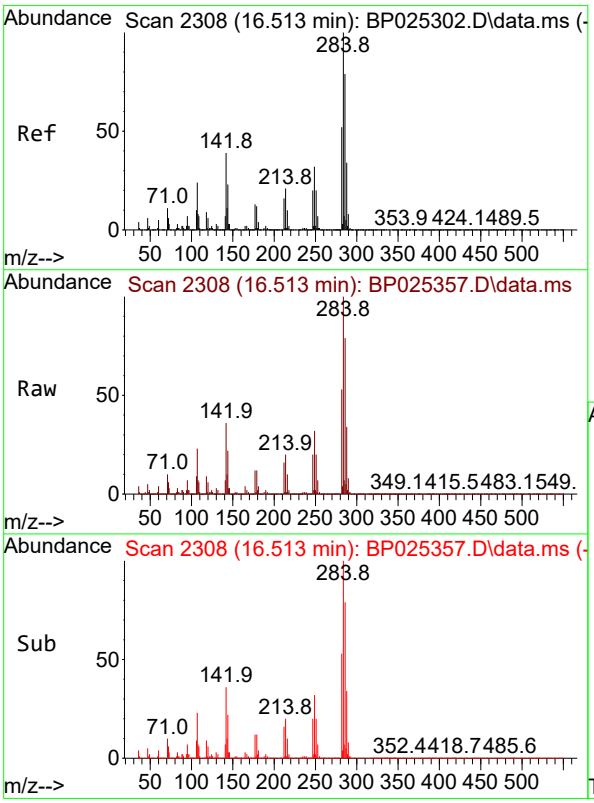
Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.6	117.8
141	79.5	66.6	99.8

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

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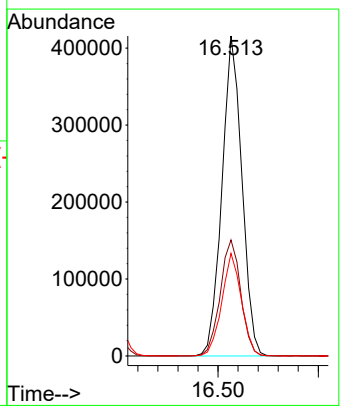


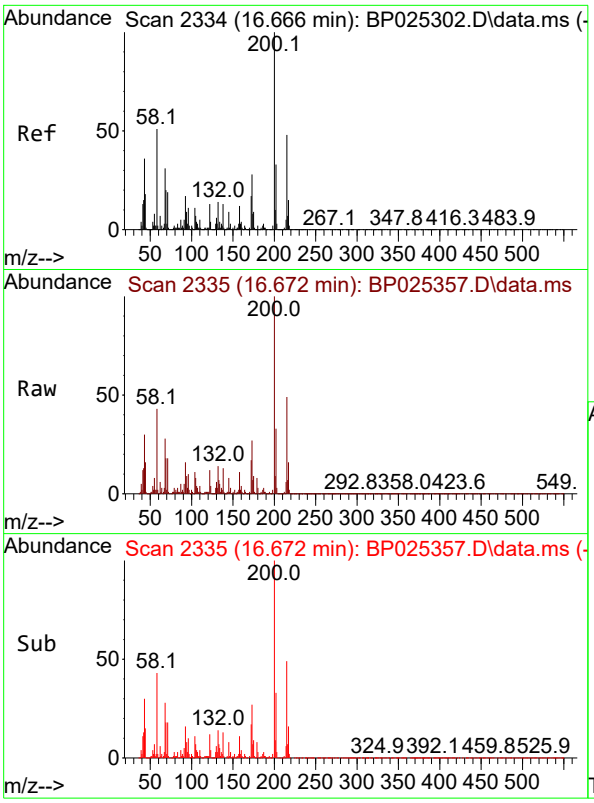


#68
Hexachlorobenzene
Concen: 42.711 ng
RT: 16.513 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:284 Resp: 574250

Ion	Ratio	Lower	Upper
284	100		
142	36.2	30.8	46.2
249	32.0	25.4	38.0

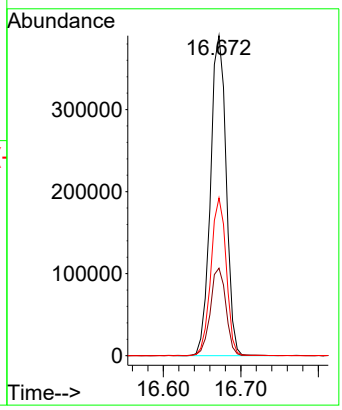




#69
Atrazine
Concen: 42.930 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:200 Resp: 54743

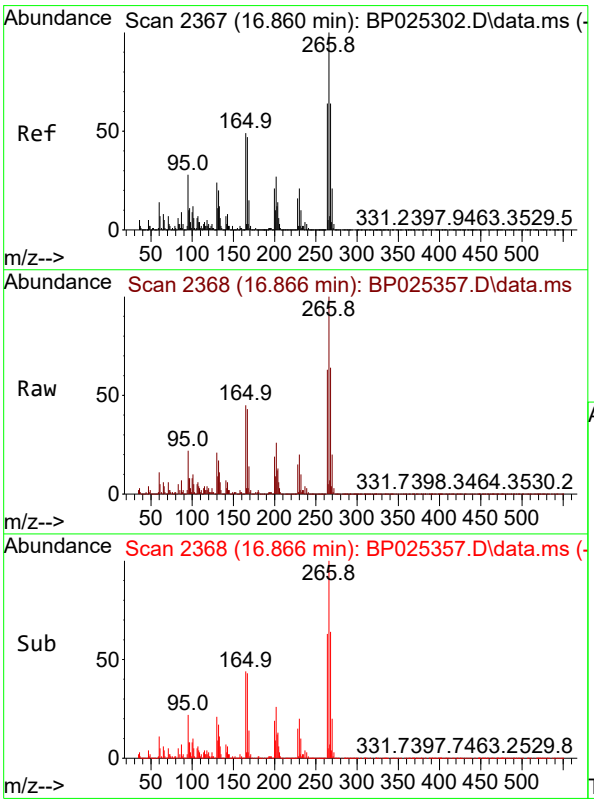
Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.2	48.2
215	49.3	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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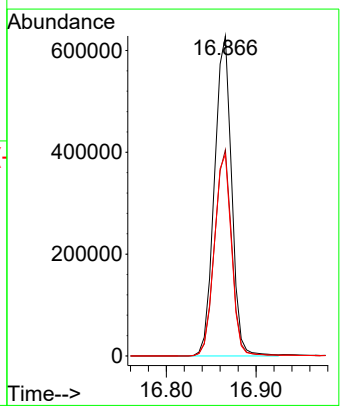
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

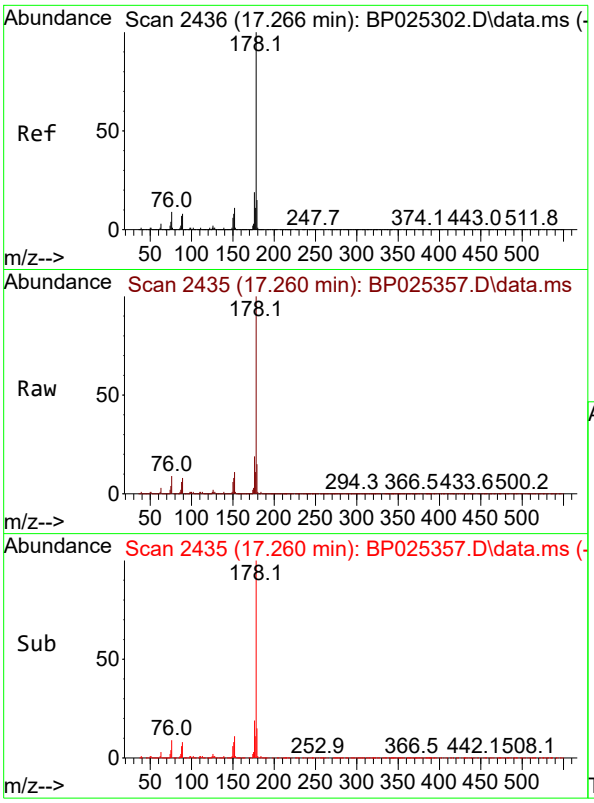


#70
Pentachlorophenol
Concen: 97.336 ng
RT: 16.866 min Scan# 2368
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:266 Resp: 833769

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.0
264	63.0	51.1	76.7

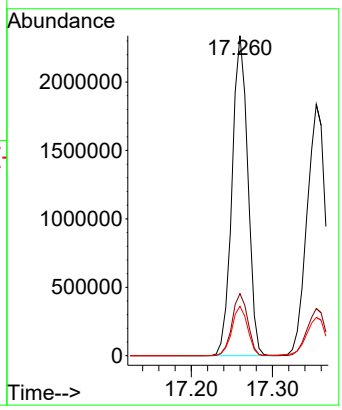




#71
Phenanthrene
Concen: 48.285 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:178 Resp: 314947

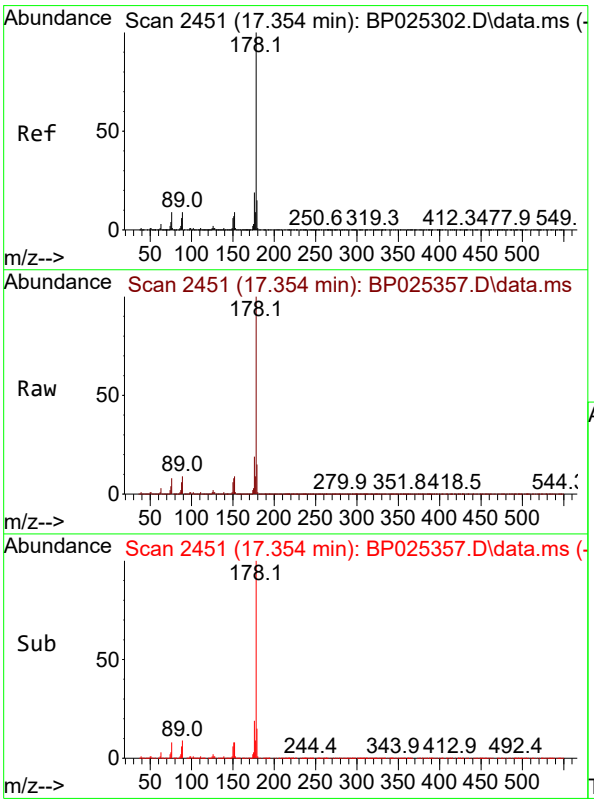
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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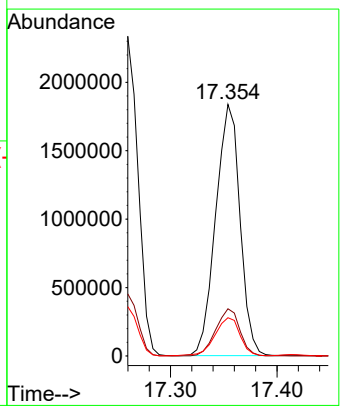
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

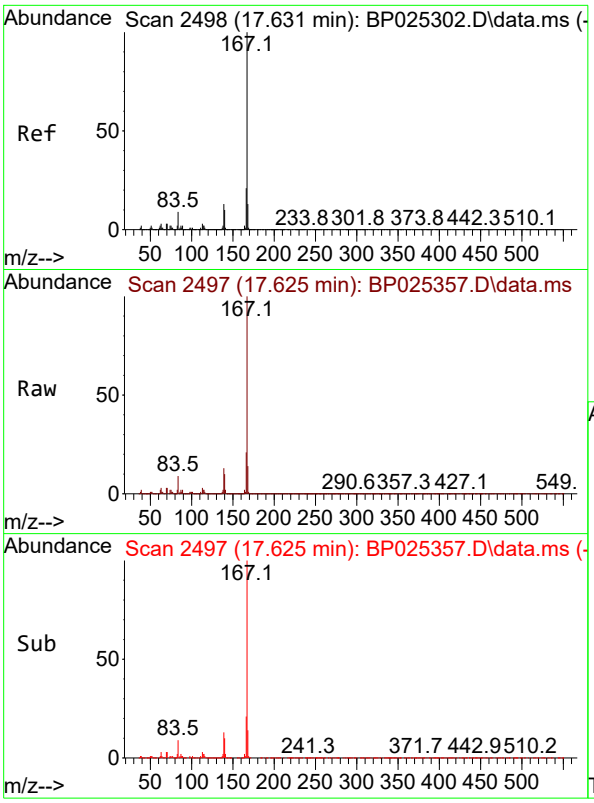


#72
Anthracene
Concen: 44.143 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:178 Resp: 2903174

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.3	18.5





#73
Carbazole
Concen: 42.132 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

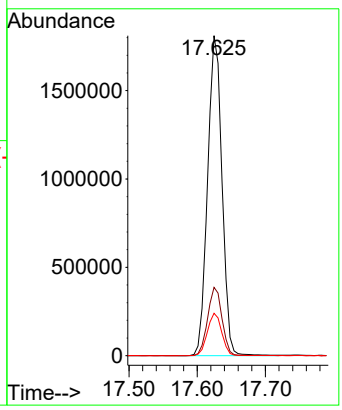
Tgt Ion:167 Resp: 265985

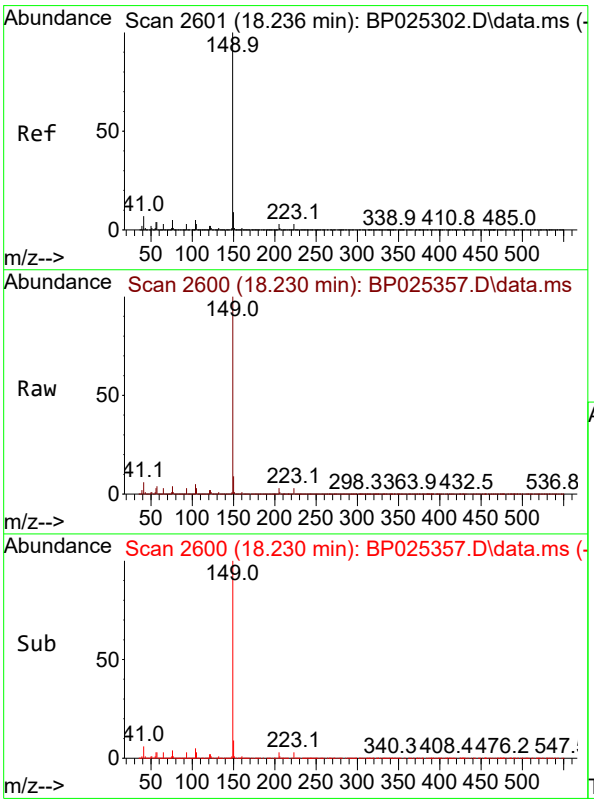
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.2	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

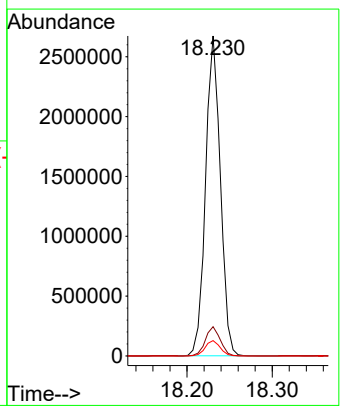


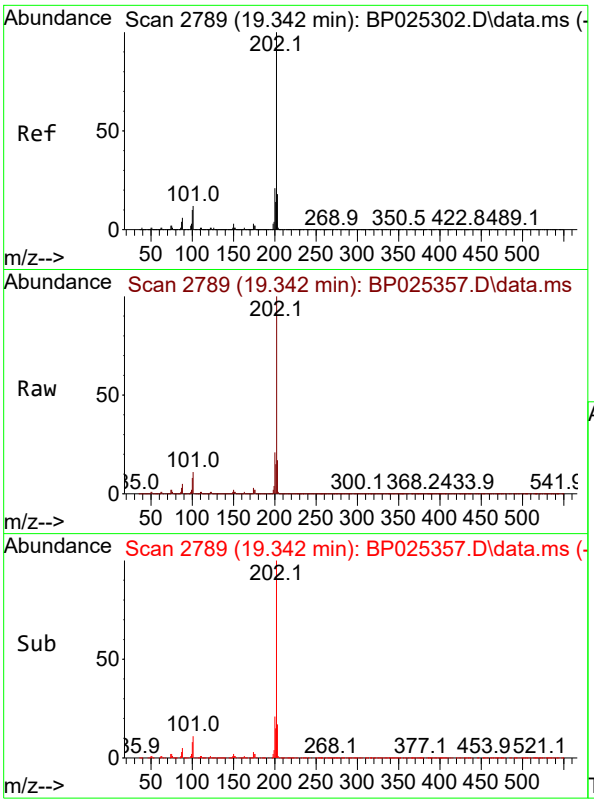


#74
Di-n-butylphthalate
Concen: 42.211 ng
RT: 18.230 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:149 Resp: 3223920

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	4.1	6.1

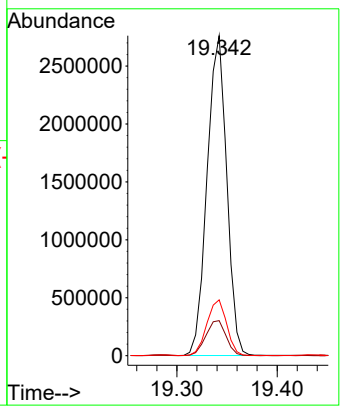




#75
Fluoranthene
Concen: 49.619 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:202 Resp: 374660

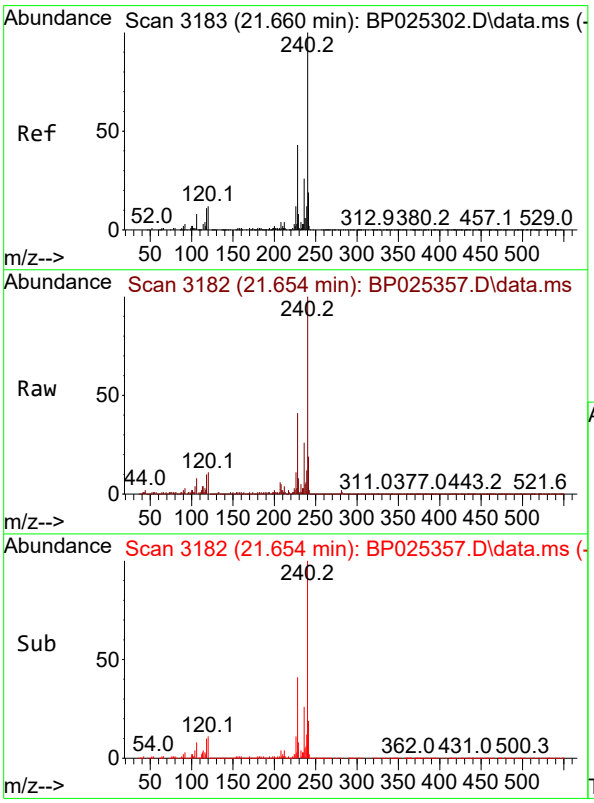
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	17.5	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

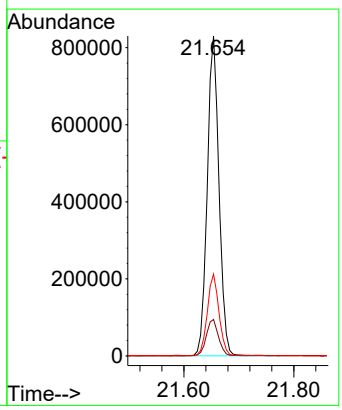
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

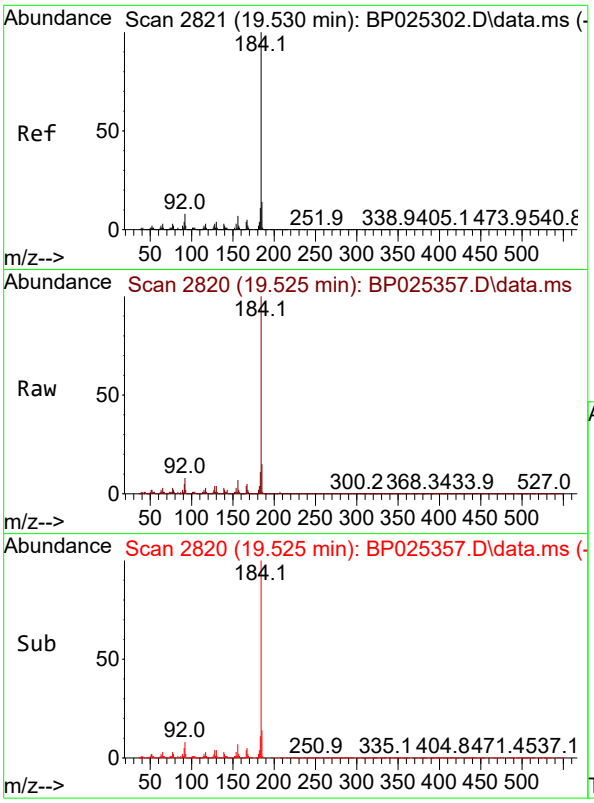


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:240 Resp: 1224885

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	25.6	20.4	30.6

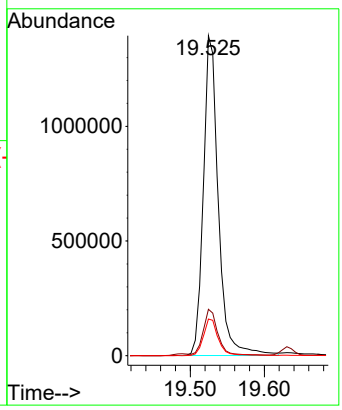




#77
Benzidine
Concen: 44.187 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:184 Resp: 195897

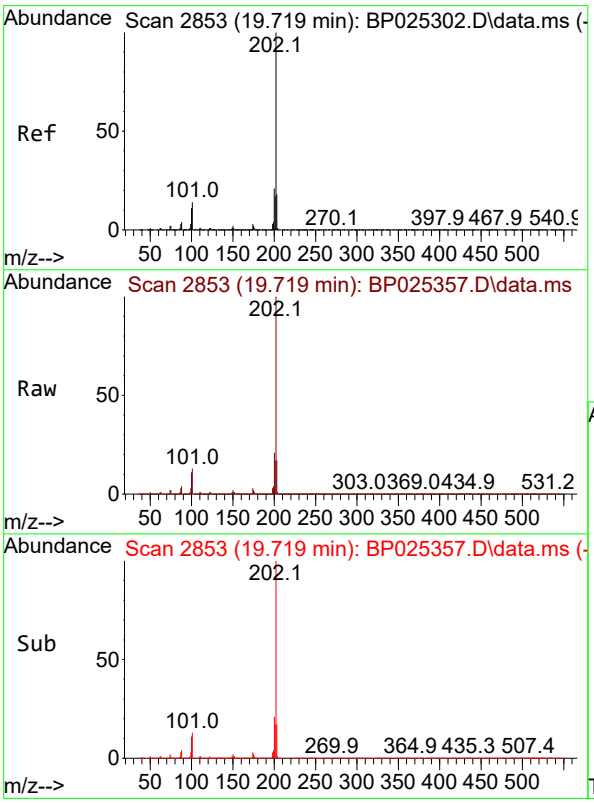
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

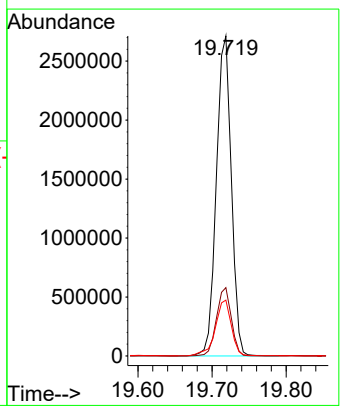
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

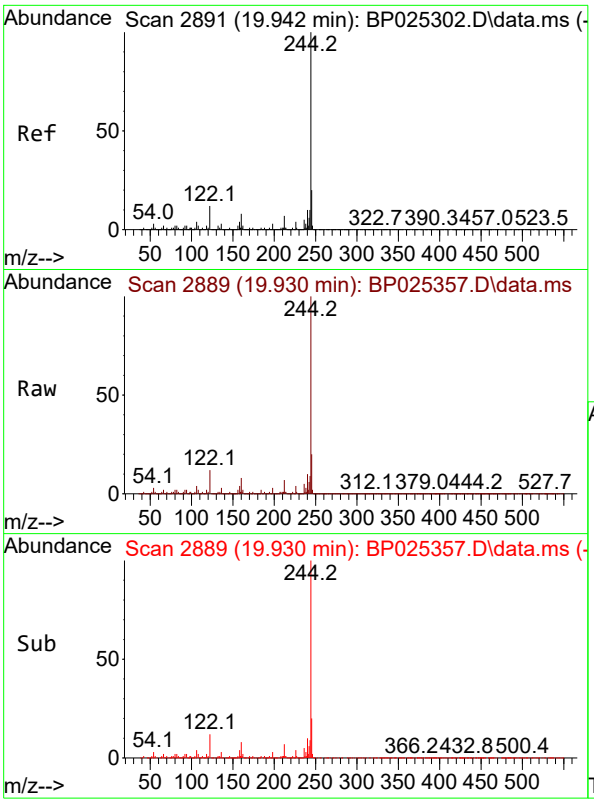


#78
Pyrene
Concen: 46.670 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:202 Resp: 3801400

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.5	14.1	21.1

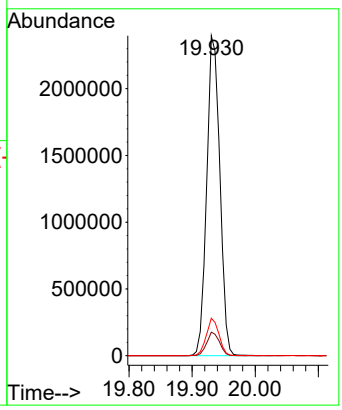




#79
Terphenyl-d14
Concen: 53.351 ng
RT: 19.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:244 Resp: 345980

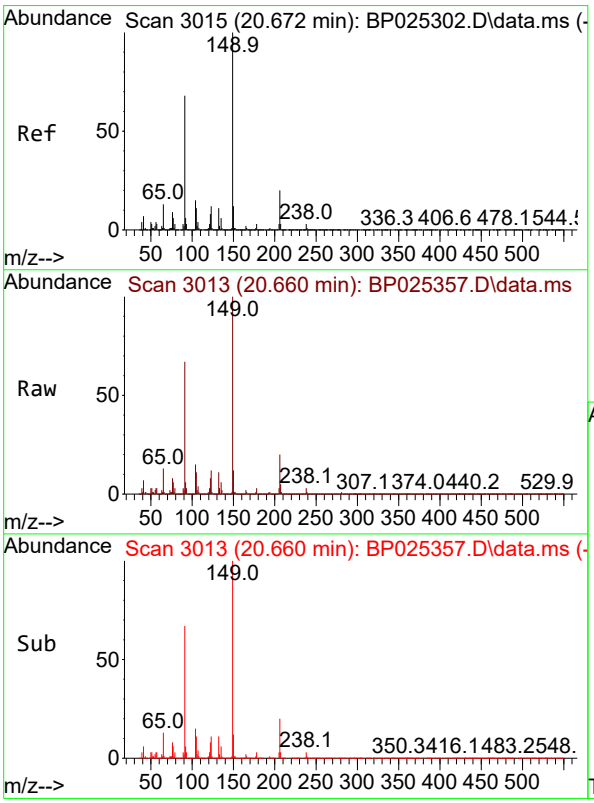
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.7	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

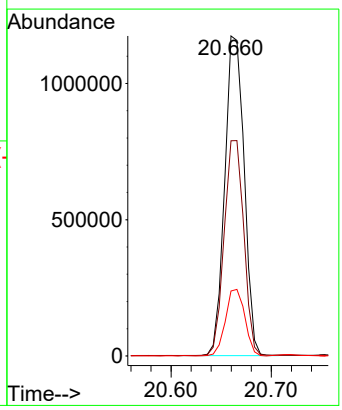
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

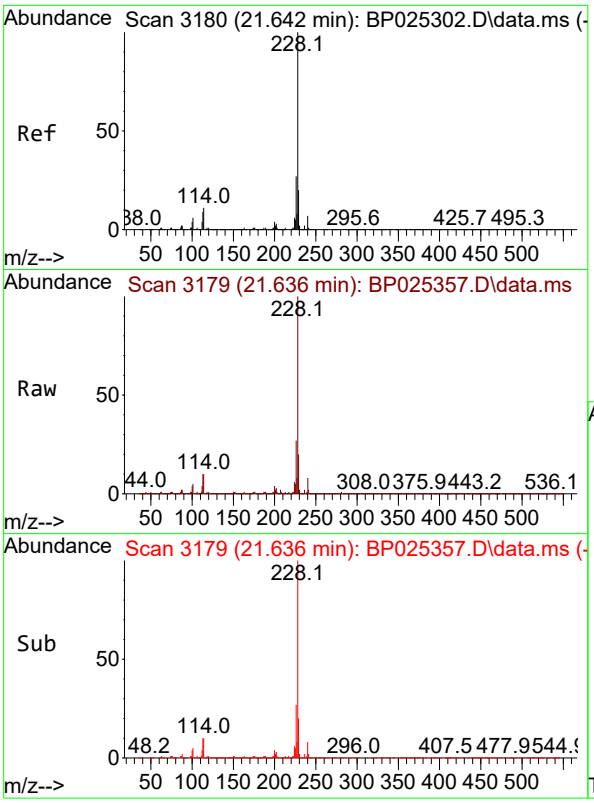


#80
Butylbenzylphthalate
Concen: 47.777 ng
RT: 20.660 min Scan# 3013
Delta R.T. -0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:149 Resp: 1578264

Ion	Ratio	Lower	Upper
149	100		
91	67.3	54.7	82.1
206	20.3	16.4	24.6

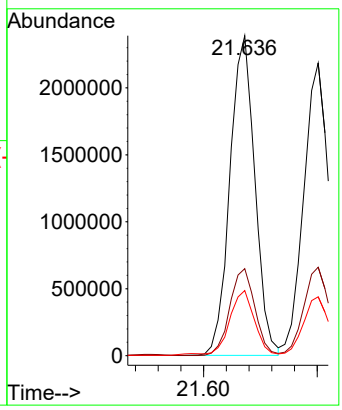




#81
Benzo(a)anthracene
Concen: 44.668 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:228 Resp: 363581

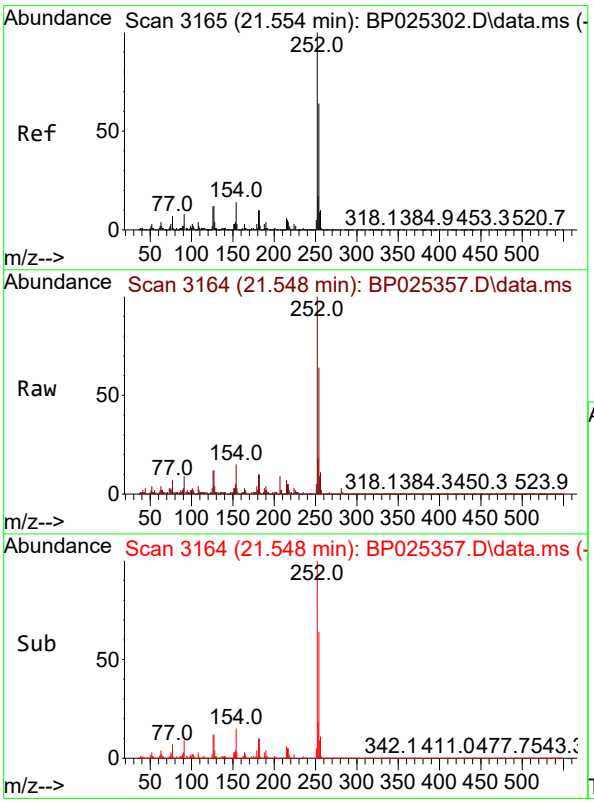
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

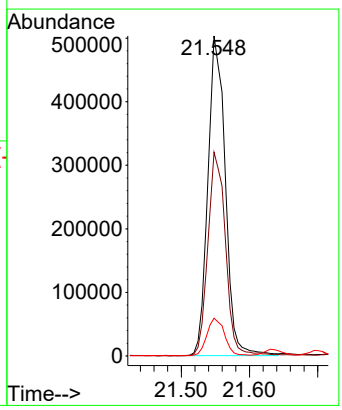
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

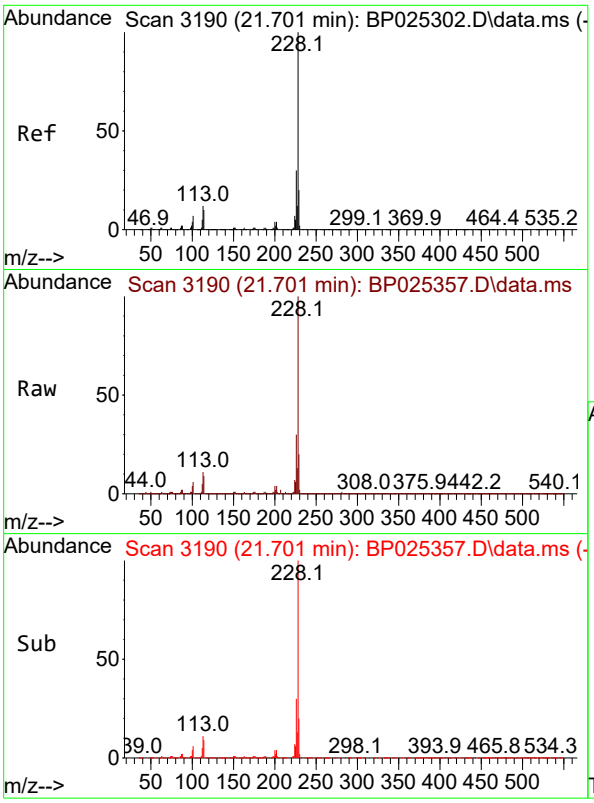


#82
3,3'-Dichlorobenzidine
Concen: 31.281 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:252 Resp: 898362

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.0	76.6
126	11.8	9.4	14.2

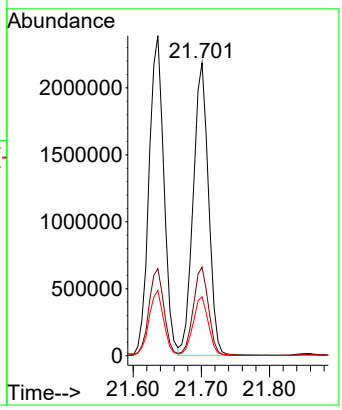




#83
Chrysene
Concen: 44.956 ng
RT: 21.701 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:228 Resp: 339395

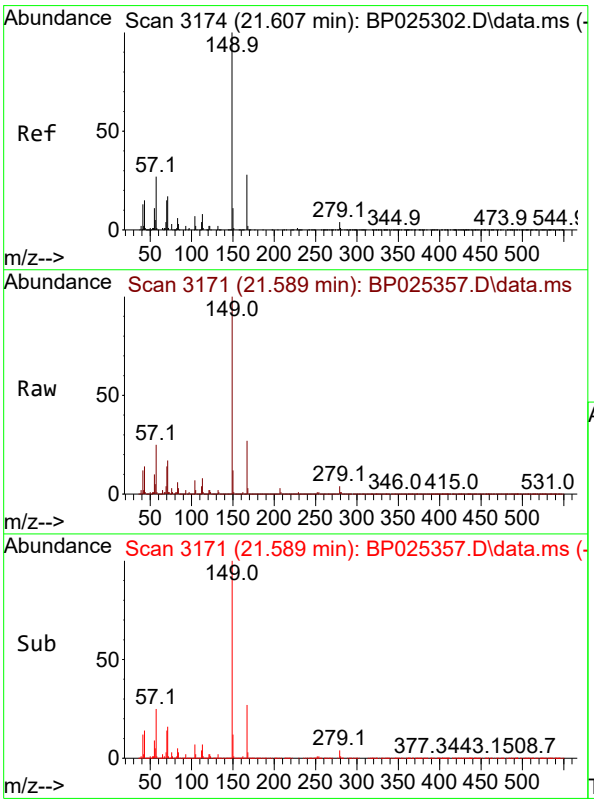
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.1	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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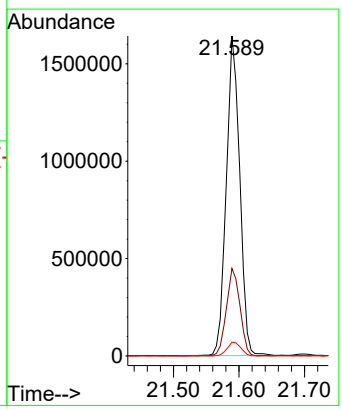
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

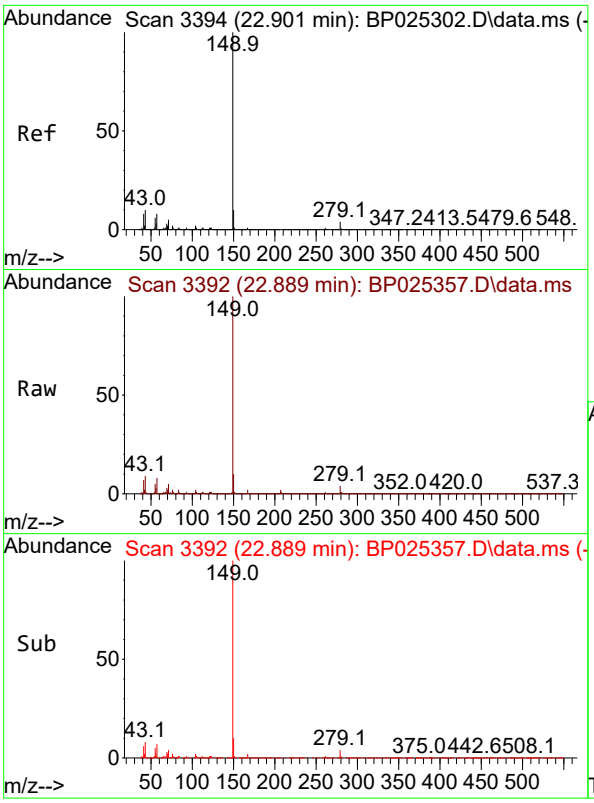


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.316 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.018 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:149 Resp: 2337573

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 47.324 ng
RT: 22.889 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

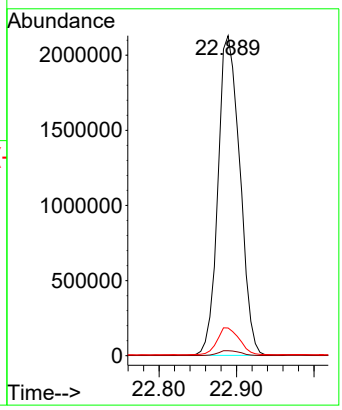
Tgt Ion:149 Resp: 417828

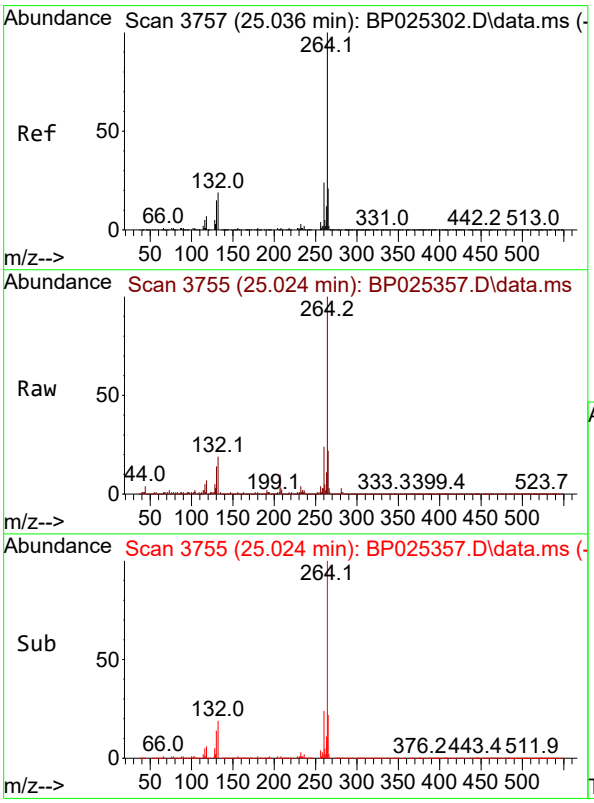
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
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Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

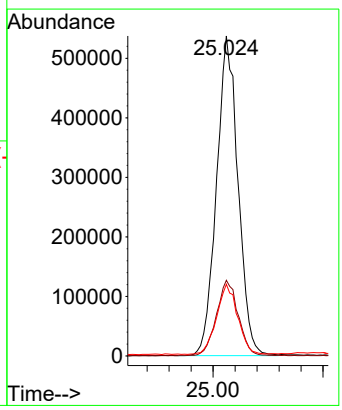


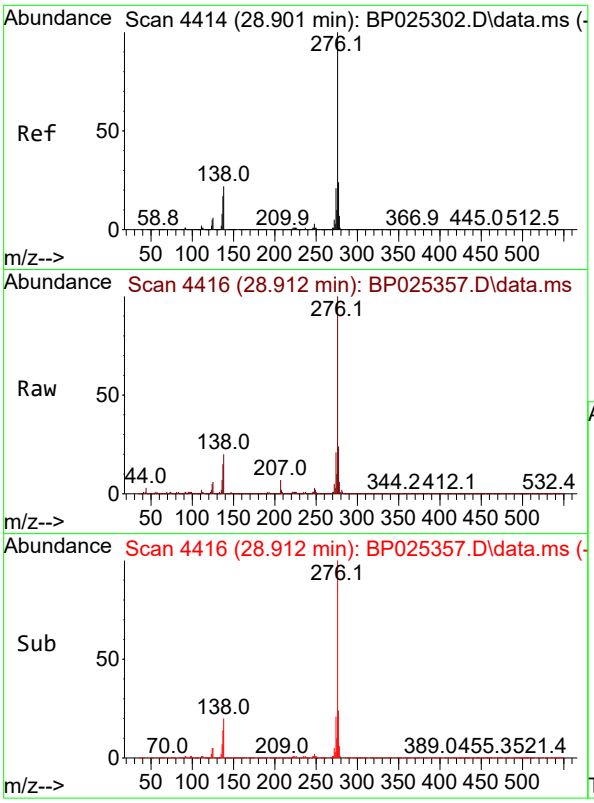


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:264 Resp: 1454697

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	17.1	25.7

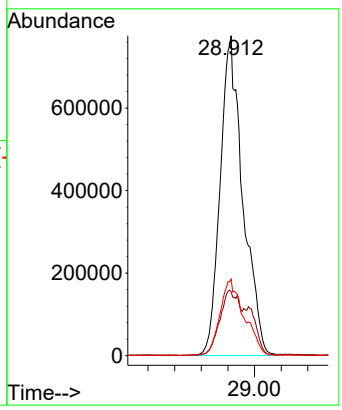




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.903 ng
RT: 28.912 min Scan# 4
Delta R.T. 0.011 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:276 Resp: 457764

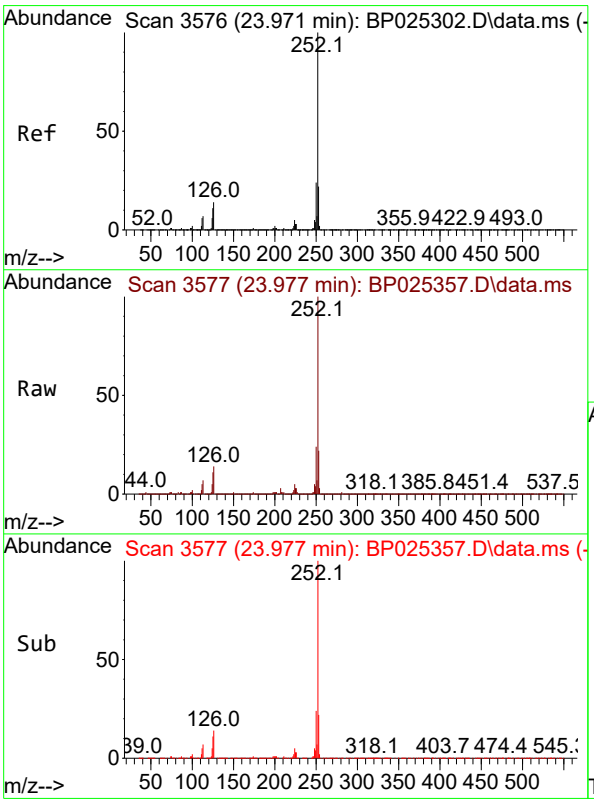
Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.6	22.0
277	25.2	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

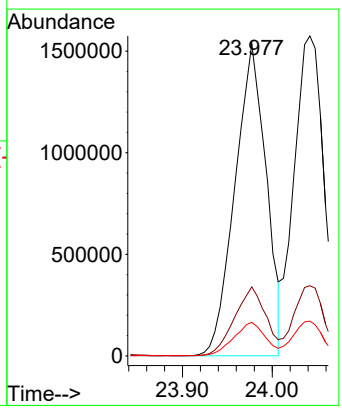
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

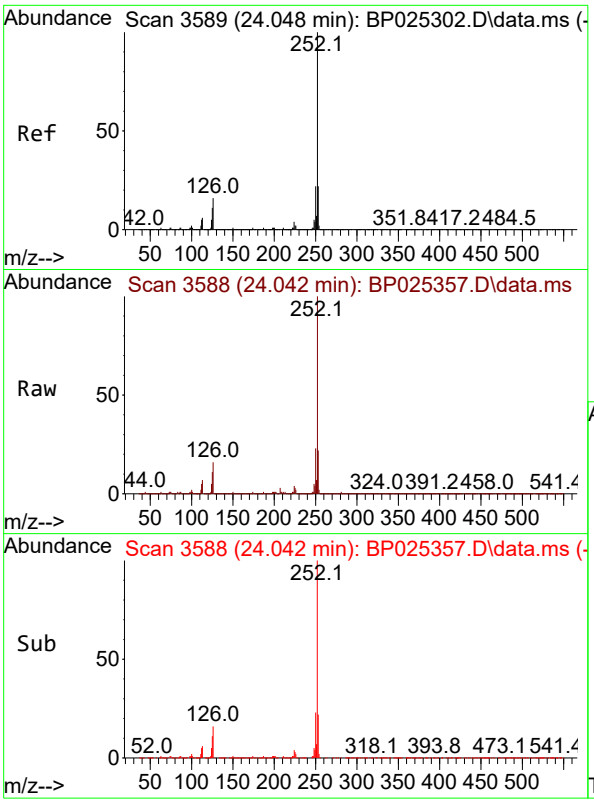


#88
Benzo(b)fluoranthene
Concen: 42.638 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:252 Resp: 3712923

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.7	8.5	12.7

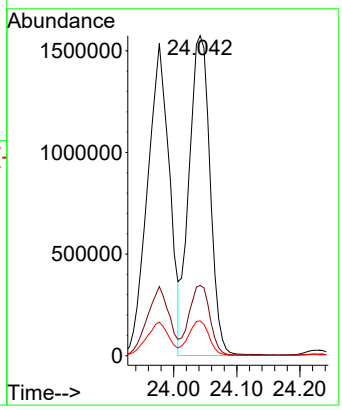




#89
Benzo(k)fluoranthene
Concen: 42.301 ng
RT: 24.042 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:252 Resp: 365166

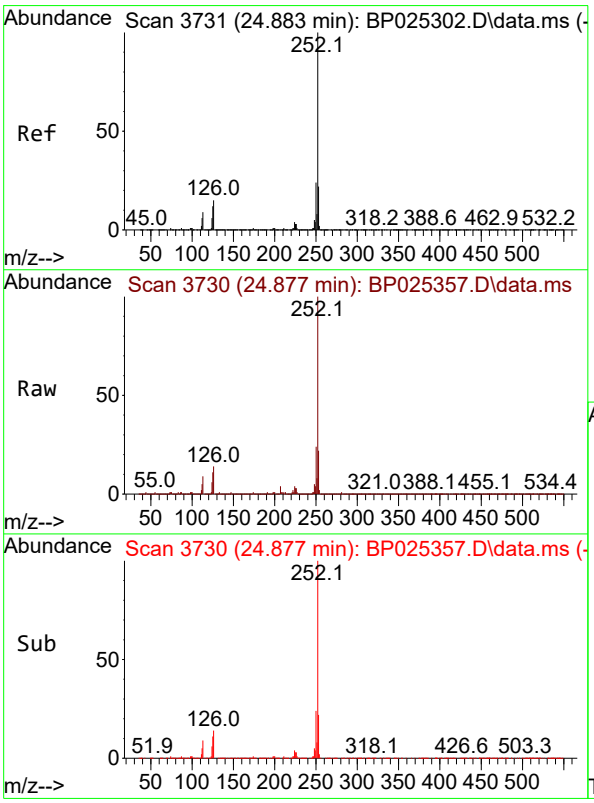
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.9	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

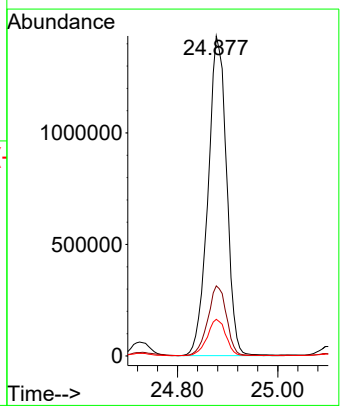
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

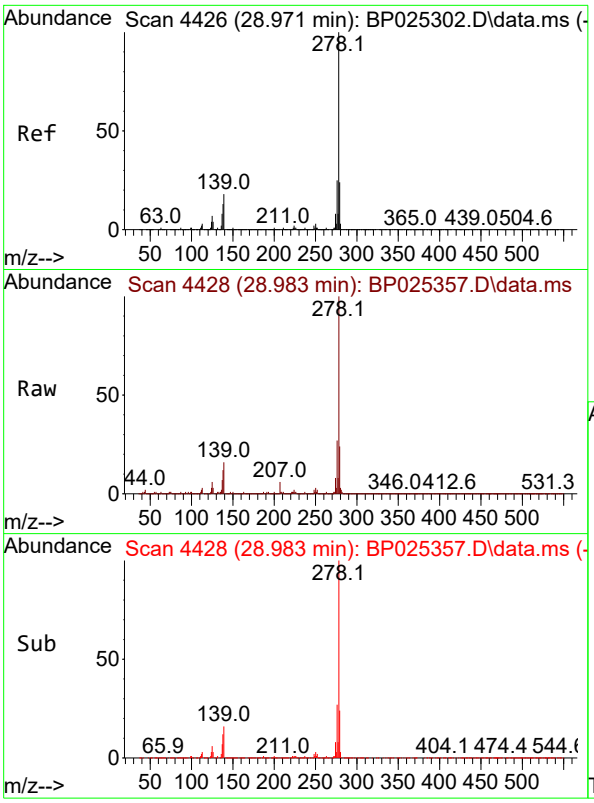


#90
Benzo(a)pyrene
Concen: 43.872 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:252 Resp: 3679150

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.4	9.4	14.0

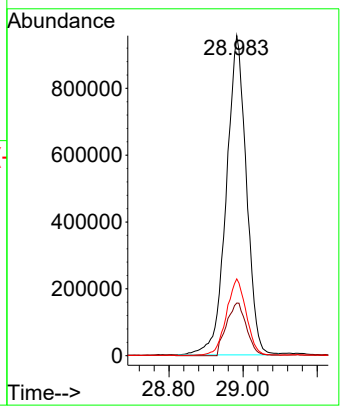




#91
Dibenzo(a,h)anthracene
Concen: 42.040 ng
RT: 28.983 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:278 Resp: 358999(

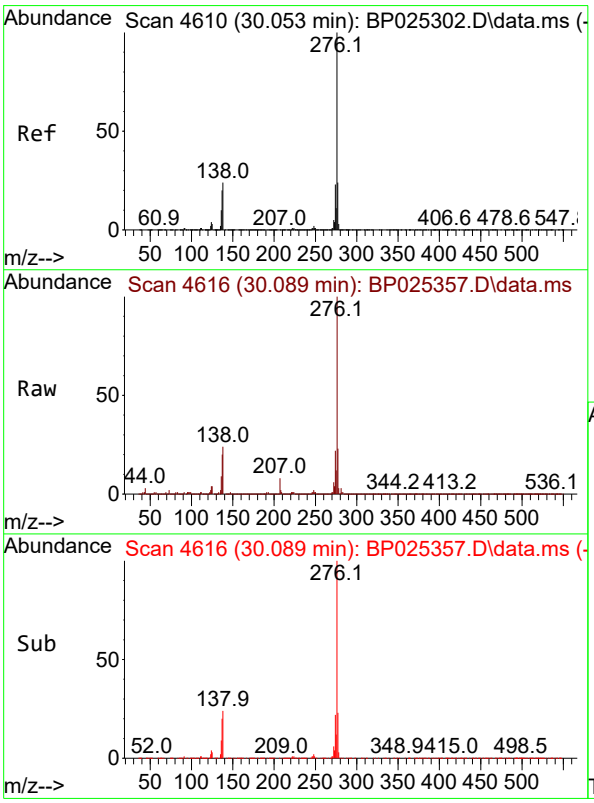
Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.6	22.0
279	24.0	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

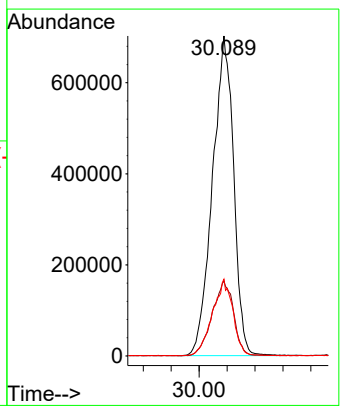
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#92
Benzo(g,h,i)perylene
Concen: 43.985 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.036 min
Lab File: BP025357.D
Acq: 11 Aug 2025 20:58

Tgt Ion:276 Resp: 3686252

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	24.0	19.1	28.7



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Manual Integration Report

Sequence:	bp080525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025299.D	2,3,4,6-Tetrachlorophenol	Rahul	8/6/2025 10:18:06 AM	Jagrut	8/6/2025 10:57:46 AM	Peak Integrated by Software
SSTDICC005	BP025299.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:06 AM	Jagrut	8/6/2025 10:57:46 AM	Peak Integrated by Software
SSTDICC020	BP025301.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:08 AM	Jagrut	8/6/2025 10:57:48 AM	Peak Integrated by Software
SSTDICCC040	BP025302.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:12 AM	Jagrut	8/6/2025 10:57:51 AM	Peak Integrated by Software
SSTDICC050	BP025303.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:14 AM	Jagrut	8/6/2025 10:57:53 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Benzaldehyde	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Benzo(g,h,i)perylene	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Caprolactam	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICV040	BP025306.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:20 AM	Jagrut	8/6/2025 10:57:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP080825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025326.D	Indeno(1,2,3-cd)pyrene	Rahul	8/11/2025 8:44:20 AM	Jagrut	8/11/2025 11:50:09 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp081125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025343.D	Indeno(1,2,3-cd)pyrene	Rahul	8/12/2025 8:36:05 AM	Jagrut	8/12/2025 10:30:26 AM	Peak Integrated by Software
Q2795-03MS	BP025356.D	Acenaphthene	Rahul	8/12/2025 8:36:15 AM	Jagrut	8/12/2025 10:30:36 AM	Peak Integrated by Software
Q2795-03MS	BP025356.D	Benzaldehyde	Rahul	8/12/2025 8:36:15 AM	Jagrut	8/12/2025 10:30:36 AM	Peak Integrated by Software
Q2795-03MS	BP025356.D	Indeno(1,2,3-cd)pyrene	Rahul	8/12/2025 8:36:15 AM	Jagrut	8/12/2025 10:30:36 AM	Peak Integrated by Software
Q2795-03MSD	BP025357.D	Benzaldehyde	Rahul	8/12/2025 8:36:18 AM	Jagrut	8/12/2025 10:30:39 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp081225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025360.D	Benzaldehyde	Rahul	8/13/2025 8:57:32 AM	Jagrut	8/13/2025 11:24:26 AM	Peak Integrated by Software
PB169176BS	BP025362.D	Acenaphthene	Rahul	8/13/2025 8:57:35 AM	Jagrut	8/13/2025 11:24:28 AM	Peak Integrated by Software
PB169176BS	BP025362.D	Benzaldehyde	Rahul	8/13/2025 8:57:35 AM	Jagrut	8/13/2025 11:24:28 AM	Peak Integrated by Software
PB169176BS	BP025362.D	Indeno(1,2,3-cd)pyrene	Rahul	8/13/2025 8:57:35 AM	Jagrut	8/13/2025 11:24:28 AM	Peak Integrated by Software

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080525

Review By	Rahul	Review On	8/6/2025 10:18:45 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:58:08 AM		
SubDirectory	BP080525	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025297.D	05 Aug 2025 11:21	CG/JU	Ok
2	SSTDICC2.5	BP025298.D	05 Aug 2025 12:03	CG/JU	Ok
3	SSTDICC005	BP025299.D	05 Aug 2025 12:44	CG/JU	Ok,M
4	SSTDICC010	BP025300.D	05 Aug 2025 13:25	CG/JU	Ok
5	SSTDICC020	BP025301.D	05 Aug 2025 14:06	CG/JU	Ok,M
6	SSTDICCC040	BP025302.D	05 Aug 2025 14:47	CG/JU	Ok,M
7	SSTDICC050	BP025303.D	05 Aug 2025 15:28	CG/JU	Ok,M
8	SSTDICC060	BP025304.D	05 Aug 2025 16:10	CG/JU	Ok
9	SSTDICC080	BP025305.D	05 Aug 2025 16:51	CG/JU	Ok,M
10	SSTDICV040	BP025306.D	05 Aug 2025 17:32	CG/JU	Ok,M
11	PB169079TB	BP025307.D	05 Aug 2025 18:54	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080825

Review By	Jagrut	Review On	8/11/2025 11:50:36 AM				
Supervise By	Rahul	Supervise On	8/11/2025 11:51:00 AM				
SubDirectory	BP080825	HP Acquire Method	BNA_P		HP Processing Method	bp080525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025325.D	08 Aug 2025 09:33	CG/JU	Ok
2	SSTDCCC040	BP025326.D	08 Aug 2025 10:15	CG/JU	Ok,M
3	PB169155BL	BP025327.D	08 Aug 2025 10:56	CG/JU	Ok
4	PB169155BS	BP025328.D	08 Aug 2025 11:38	CG/JU	Ok,M
5	PB169122TB	BP025329.D	08 Aug 2025 12:19	CG/JU	Ok
6	Q2780-04	BP025330.D	08 Aug 2025 13:05	CG/JU	Ok
7	Q2780-08	BP025331.D	08 Aug 2025 13:47	CG/JU	Ok
8	Q2759-02DL	BP025332.D	08 Aug 2025 14:30	CG/JU	Ok
9	Q2795-01	BP025333.D	08 Aug 2025 15:11	CG/JU	Ok
10	Q2779-01	BP025334.D	08 Aug 2025 15:53	CG/JU	Ok,M
11	Q2779-01MS	BP025335.D	08 Aug 2025 16:35	CG/JU	Ok,M
12	Q2779-01MSD	BP025336.D	08 Aug 2025 17:18	CG/JU	Ok
13	Q2783-03	BP025337.D	08 Aug 2025 18:00	CG/JU	Ok
14	Q2800-01	BP025338.D	08 Aug 2025 18:42	CG/JU	Ok
15	Q2801-01	BP025339.D	08 Aug 2025 19:24	CG/JU	Ok
16	Q2779-05	BP025340.D	08 Aug 2025 20:06	CG/JU	Ok,M
17	Q2759-04	BP025341.D	08 Aug 2025 20:47	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081125

Review By	Rahul	Review On	8/12/2025 10:13:01 AM		
Supervise By	Jagrut	Supervise On	8/12/2025 10:30:50 AM		
SubDirectory	BP081125	HP Acquire Method	BNA_P	HP Processing Method	bp080525

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	BP025342.D	11 Aug 2025 09:44	CG/JU	Ok
2	SSTDCCC040	BP025343.D	11 Aug 2025 11:08	CG/JU	Ok,M
3	PB169159BL	BP025344.D	11 Aug 2025 11:50	CG/JU	Ok
4	PB169159BS	BP025345.D	11 Aug 2025 12:32	CG/JU	Ok,M
5	Q2779-04	BP025346.D	11 Aug 2025 13:17	CG/JU	Ok
6	Q2779-04MS	BP025347.D	11 Aug 2025 13:59	CG/JU	Ok,M
7	Q2779-04MSD	BP025348.D	11 Aug 2025 14:41	CG/JU	Ok,M
8	Q2779-08	BP025349.D	11 Aug 2025 15:23	CG/JU	Ok
9	Q2791-01	BP025350.D	11 Aug 2025 16:05	CG/JU	Ok
10	Q2798-04	BP025351.D	11 Aug 2025 16:47	CG/JU	Ok
11	Q2800-02	BP025352.D	11 Aug 2025 17:29	CG/JU	Ok
12	Q2793-01	BP025353.D	11 Aug 2025 18:10	CG/JU	Ok
13	Q2795-02	BP025354.D	11 Aug 2025 18:53	CG/JU	Ok
14	Q2795-03	BP025355.D	11 Aug 2025 19:34	CG/JU	Ok
15	Q2795-03MS	BP025356.D	11 Aug 2025 20:16	CG/JU	Ok,M
16	Q2795-03MSD	BP025357.D	11 Aug 2025 20:58	CG/JU	Ok,M
17	Q2809-01	BP025358.D	11 Aug 2025 21:40	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081225

Review By	Rahul	Review On	8/13/2025 11:12:01 AM		
Supervise By	Jagrut	Supervise On	8/13/2025 11:24:57 AM		
SubDirectory	BP081225	HP Acquire Method	BNA_P	HP Processing Method	bp080525

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	BP025359.D	12 Aug 2025 09:26	CG/JU	Ok
2	SSTDCCC040	BP025360.D	12 Aug 2025 10:07	CG/JU	Ok,M
3	PB169176BL	BP025361.D	12 Aug 2025 10:49	CG/JU	Ok
4	PB169176BS	BP025362.D	12 Aug 2025 11:30	CG/JU	Ok,M
5	PB169180BL	BP025363.D	12 Aug 2025 12:12	CG/JU	Ok
6	PB169180BS	BP025364.D	12 Aug 2025 12:54	CG/JU	Ok,M
7	PB169162BL	BP025365.D	12 Aug 2025 13:36	CG/JU	Ok
8	PB169162BS	BP025366.D	12 Aug 2025 14:17	CG/JU	Ok,M
9	PB169162BSD	BP025367.D	12 Aug 2025 14:59	CG/JU	Ok,M
10	PB169149TB	BP025368.D	12 Aug 2025 15:40	CG/JU	Ok
11	Q2798-01	BP025369.D	12 Aug 2025 16:37	CG/JU	Ok
12	Q2808-01	BP025370.D	12 Aug 2025 17:19	CG/JU	Ok,M
13	Q2818-01	BP025371.D	12 Aug 2025 18:00	CG/JU	Ok
14	Q2818-02	BP025372.D	12 Aug 2025 18:42	CG/JU	Ok
15	Q2827-01	BP025373.D	12 Aug 2025 19:23	CG/JU	Ok,M
16	Q2827-05	BP025374.D	12 Aug 2025 20:05	CG/JU	Dilution
17	Q2823-01	BP025375.D	12 Aug 2025 20:46	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080525

Review By	Rahul	Review On	8/6/2025 10:18:45 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:58:08 AM		
SubDirectory	BP080525	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/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	BP025297.D	05 Aug 2025 11:21		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025298.D	05 Aug 2025 12:03		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025299.D	05 Aug 2025 12:44		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025300.D	05 Aug 2025 13:25		CG/JU	Ok
5	SSTDICC020	SSTDICC020	BP025301.D	05 Aug 2025 14:06		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025302.D	05 Aug 2025 14:47	Compound #26,48,57 kept on LR & Compound #32,54,65 kept on QR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025303.D	05 Aug 2025 15:28		CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025304.D	05 Aug 2025 16:10		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025305.D	05 Aug 2025 16:51		CG/JU	Ok,M
10	SSTDICV040	ICVBP080525	BP025306.D	05 Aug 2025 17:32		CG/JU	Ok,M
11	PB169079TB	PB169079TB	BP025307.D	05 Aug 2025 18:54		CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080825

Review By	Jagrut	Review On	8/11/2025 11:50:36 AM		
Supervise By	Rahul	Supervise On	8/11/2025 11:51:00 AM		
SubDirectory	BP080825	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/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	BP025325.D	08 Aug 2025 09:33		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025326.D	08 Aug 2025 10:15		CG/JU	Ok,M
3	PB169155BL	PB169155BL	BP025327.D	08 Aug 2025 10:56		CG/JU	Ok
4	PB169155BS	PB169155BS	BP025328.D	08 Aug 2025 11:38		CG/JU	Ok,M
5	PB169122TB	PB169122TB	BP025329.D	08 Aug 2025 12:19		CG/JU	Ok
6	Q2780-04	TP-3	BP025330.D	08 Aug 2025 13:05		CG/JU	Ok
7	Q2780-08	TP-1	BP025331.D	08 Aug 2025 13:47		CG/JU	Ok
8	Q2759-02DL	SOLID-DRUMDL	BP025332.D	08 Aug 2025 14:30	Need to fix TV for TCLP DL	CG/JU	Ok
9	Q2795-01	COMP-1	BP025333.D	08 Aug 2025 15:11		CG/JU	Ok
10	Q2779-01	TP-4	BP025334.D	08 Aug 2025 15:53		CG/JU	Ok,M
11	Q2779-01MS	TP-4MS	BP025335.D	08 Aug 2025 16:35		CG/JU	Ok,M
12	Q2779-01MSD	TP-4MSD	BP025336.D	08 Aug 2025 17:18		CG/JU	Ok
13	Q2783-03	RT5414	BP025337.D	08 Aug 2025 18:00		CG/JU	Ok
14	Q2800-01	VNJ-222	BP025338.D	08 Aug 2025 18:42	Internal standard fail	CG/JU	Ok
15	Q2801-01	TR-04-080725	BP025339.D	08 Aug 2025 19:24		CG/JU	Ok
16	Q2779-05	TP-5	BP025340.D	08 Aug 2025 20:06		CG/JU	Ok,M
17	Q2759-04	LIQUID-DRUM	BP025341.D	08 Aug 2025 20:47		CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081125

Review By	Rahul	Review On	8/12/2025 10:13:01 AM		
Supervise By	Jagrut	Supervise On	8/12/2025 10:30:50 AM		
SubDirectory	BP081125	HP Acquire Method	BNA_P	HP Processing Method	bp080525

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	BP025342.D	11 Aug 2025 09:44		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025343.D	11 Aug 2025 11:08		CG/JU	Ok,M
3	PB169159BL	PB169159BL	BP025344.D	11 Aug 2025 11:50		CG/JU	Ok
4	PB169159BS	PB169159BS	BP025345.D	11 Aug 2025 12:32		CG/JU	Ok,M
5	Q2779-04	TP-4	BP025346.D	11 Aug 2025 13:17		CG/JU	Ok
6	Q2779-04MS	TP-4MS	BP025347.D	11 Aug 2025 13:59		CG/JU	Ok,M
7	Q2779-04MSD	TP-4MSD	BP025348.D	11 Aug 2025 14:41		CG/JU	Ok,M
8	Q2779-08	TP-5	BP025349.D	11 Aug 2025 15:23		CG/JU	Ok
9	Q2791-01	SLUDGE	BP025350.D	11 Aug 2025 16:05		CG/JU	Ok
10	Q2798-04	TP-6	BP025351.D	11 Aug 2025 16:47		CG/JU	Ok
11	Q2800-02	VNJ-222	BP025352.D	11 Aug 2025 17:29		CG/JU	Ok
12	Q2793-01	VNJ-231	BP025353.D	11 Aug 2025 18:10		CG/JU	Ok
13	Q2795-02	COMP-2	BP025354.D	11 Aug 2025 18:53		CG/JU	Ok
14	Q2795-03	COMP-3	BP025355.D	11 Aug 2025 19:34		CG/JU	Ok
15	Q2795-03MS	COMP-3MS	BP025356.D	11 Aug 2025 20:16		CG/JU	Ok,M
16	Q2795-03MSD	COMP-3MSD	BP025357.D	11 Aug 2025 20:58		CG/JU	Ok,M
17	Q2809-01	OR-03-08082025	BP025358.D	11 Aug 2025 21:40		CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081225

Review By	Rahul	Review On	8/13/2025 11:12:01 AM		
Supervise By	Jagrut	Supervise On	8/13/2025 11:24:57 AM		
SubDirectory	BP081225	HP Acquire Method	BNA_P	HP Processing Method	bp080525

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	BP025359.D	12 Aug 2025 09:26		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025360.D	12 Aug 2025 10:07		CG/JU	Ok,M
3	PB169176BL	PB169176BL	BP025361.D	12 Aug 2025 10:49		CG/JU	Ok
4	PB169176BS	PB169176BS	BP025362.D	12 Aug 2025 11:30		CG/JU	Ok,M
5	PB169180BL	PB169180BL	BP025363.D	12 Aug 2025 12:12		CG/JU	Ok
6	PB169180BS	PB169180BS	BP025364.D	12 Aug 2025 12:54		CG/JU	Ok,M
7	PB169162BL	PB169162BL	BP025365.D	12 Aug 2025 13:36		CG/JU	Ok
8	PB169162BS	PB169162BS	BP025366.D	12 Aug 2025 14:17		CG/JU	Ok,M
9	PB169162BSD	PB169162BSD	BP025367.D	12 Aug 2025 14:59		CG/JU	Ok,M
10	PB169149TB	PB169149TB	BP025368.D	12 Aug 2025 15:40		CG/JU	Ok
11	Q2798-01	TP-6	BP025369.D	12 Aug 2025 16:37		CG/JU	Ok
12	Q2808-01	TP-7	BP025370.D	12 Aug 2025 17:19		CG/JU	Ok,M
13	Q2818-01	B-2-5-1	BP025371.D	12 Aug 2025 18:00		CG/JU	Ok
14	Q2818-02	B-3-5-2	BP025372.D	12 Aug 2025 18:42		CG/JU	Ok
15	Q2827-01	TP-8	BP025373.D	12 Aug 2025 19:23		CG/JU	Ok,M
16	Q2827-05	TP-9	BP025374.D	12 Aug 2025 20:05	Need further 5X.	CG/JU	Dilution
17	Q2823-01	SU-04-081125	BP025375.D	12 Aug 2025 20:46		CG/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 8/8/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 08/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:17
Out Date: 08/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136742

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
Q2793-01	VNJ-231	1	1.15	10.43	11.58	10.82	92.7	
Q2793-02	VNJ-231	2	1.19	10.40	11.59	11.12	95.5	
Q2795-01	COMP-1	3	1.15	10.60	11.75	9.9	82.5	
Q2795-02	COMP-2	4	1.19	10.17	11.36	9.41	80.8	
Q2795-03	COMP-3	5	1.13	10.86	11.99	10.03	82.0	
Q2798-01	TP-6	6	1.18	10.17	11.35	10.25	89.2	
Q2798-02	TP-6-EPH	7	1.18	10.51	11.69	10.04	84.3	
Q2798-03	TP-6-VOC	8	1.18	10.21	11.39	10.06	87.0	
Q2800-01	VNJ-222	12	1.16	10.57	11.73	10.99	93.0	
Q2801-01	TR-04-080725	13	1.17	10.36	11.53	11.05	95.4	
Q2801-02	TR-04-080725-E2	14	1.14	10.41	11.55	10.71	91.9	
Q2802-01	S-1A	9	1.15	10.84	11.99	10.96	90.5	
Q2802-02	S-1B	10	1.16	10.20	11.36	9.04	77.3	
Q2802-03	S-2	11	1.15	10.84	11.99	10.4	85.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WB 136742

WorkList Name : %1-080725 **WorkList ID :** 191140 **Department :** Wet-Chemistry **Date :** 08-07-2025 07:55:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2793-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/07/2025	Chemtech -SO
Q2793-02	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/07/2025	Chemtech -SO
Q2795-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D31	08/06/2025	Chemtech -SO
Q2795-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D31	08/06/2025	Chemtech -SO
Q2795-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D31	08/06/2025	Chemtech -SO
Q2798-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/07/2025	Chemtech -SO
Q2798-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/07/2025	Chemtech -SO
Q2798-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/07/2025	Chemtech -SO
Q2800-01	VNJ-222	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/07/2025	Chemtech -SO
Q2801-01	TR-04-080725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/07/2025	Chemtech -SO
Q2801-02	TR-04-080725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/07/2025	Chemtech -SO
Q2802-01	S-1A	Solid	Percent Solids	Cool 4 deg C	EARTH03	J13	08/07/2025	Chemtech -SO
Q2802-02	S-1B	Solid	Percent Solids	Cool 4 deg C	EARTH03	J13	08/07/2025	Chemtech -SO
Q2802-03	S-2	Solid	Percent Solids	Cool 4 deg C	EARTH03	J13	08/07/2025	Chemtech -SO

08/07/25

Date/Time 08/07/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by: SR

Date/Time 08/07/25 15:30

Raw Sample Received by: SR

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169176

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: RJ

Extraction By: RJ

Balance check: RJ

Filter By: RJ

Balance ID: EX-SC-2

pH Meter ID: N/A

pH Strip Lot#: N/A

Hood ID: 3,7

Extraction Start Date : 08/08/2025

Extraction Start Time : 09:12

Extraction End Date : 08/08/2025

Extraction End Time : 12:25

Concentration By: RS

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared 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	EP2629
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

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/8/25	RS (Ext lab)	RC/SVOC
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169176

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 08/08/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169176BL	SBLK176	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			U2-1
PB169176BS	SLCS176	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
Q2793-01	VNJ-231	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		3
Q2795-01	COMP-1	SVOCMS Group1	30.06	N/A	ritesh	RUPESH	1	E		4
Q2795-02	COMP-2	SVOCMS Group1	30.08	N/A	ritesh	RUPESH	1	E		5
Q2795-03	COMP-3	SVOCMS Group1	30.03	N/A	ritesh	RUPESH	1	E		6
Q2795-03MS	COMP-3MS	SVOCMS Group1	30.09	N/A	ritesh	RUPESH	1	E		U3-1
Q2795-03MSD	COMP-3MSD	SVOCMS Group1	30.07	N/A	ritesh	RUPESH	1	E		2
Q2798-01	TP-6	SVOC-TCL BNA -20	50.02	N/A	ritesh	RUPESH	1	E		3
Q2800-01	VNJ-222	SVOC-TCL BNA -20	50.08	N/A	ritesh	RUPESH	1	E		4
Q2801-01	TR-04-080725	SVOC-TCL BNA -20	50.04	N/A	ritesh	RUPESH	1	E		5

RS 8/8

* **Extracts relinguished on the same date as received.**

191175
9:12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2795 **WorkList ID :** 191175 **Department :** Extraction **Date :** 08-08-2025 09:07:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2793-01	VNJ-231	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/07/2025	8270E
Q2795-01	COMP-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D31	08/06/2025	8270E
Q2795-02	COMP-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D31	08/06/2025	8270E
Q2795-03	COMP-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D31	08/06/2025	8270E
Q2798-01	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/07/2025	8270E
Q2800-01	VNJ-222	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/07/2025	8270E
Q2801-01	TR-04-080725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D21	08/07/2025	8270E

Date/Time 08/08/25 9:07
Raw Sample Received by: RJ CEXL-Lab
Raw Sample Relinquished by:

Date/Time 08/08/25 9:25
Raw Sample Received by:
Raw Sample Relinquished by: RJ CEXL-Lab

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

Prep Standard - Chemical Standard Summary

Order ID : Q2795

Test : SVOCMS Group1

Prepbatch ID : PB169176,

Sequence ID/Qc Batch ID: BP080825,BP080825,BP081125,BP081125,bp081225,

Standard ID :
EP2626,EP2629,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

Chemical ID :
10ul/1000ul sample,E3875,E3904,E3926,E3932,E3942,E3946,E3949,E3951,E3954,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13169,S13170,S13206,S13208,S13209,S13210,S13211,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2626	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 8000.00000ml of E3949 + 8000.00000ml of E3954 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2629	07/28/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/28/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6849	07/01/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 07/01/2025

FROM 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6852	07/02/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/02/2025

FROM 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	07/01/2025 / RUPESH	06/19/2025 / RUPESH	E3946

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/01/2026	07/01/2025 / Rahul	11/09/2023 / Yogesh	S11651

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12198

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12217

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12218

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12219

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12499

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12501

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12502

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12503

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12505

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12506

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12545

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12546

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12547

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12548

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12549

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12550

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12987

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12988

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12989

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12990

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12991

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12992

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13088

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	01/01/2026	07/01/2025 / Rahul	06/04/2025 / Rahul	S13159

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/01/2026	08/01/2025 / Rahul	06/02/2025 / anahy	S13169

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	01/01/2026	07/01/2025 / Rahul	06/11/2025 / anahy	S13206

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

CPI INTERNATIONAL

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Santa Rosa, CA 95403

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(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

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S9236
to
S9240

*Not a certified value

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Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

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CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

E 3875

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RS 6/19/25

E3946

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Read on 7/2/25

E3949

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S11484 ↓ S11493 Y.P. 08/10/23

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician

Date Mixed: 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649 ↓ 511658 Y.P. 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

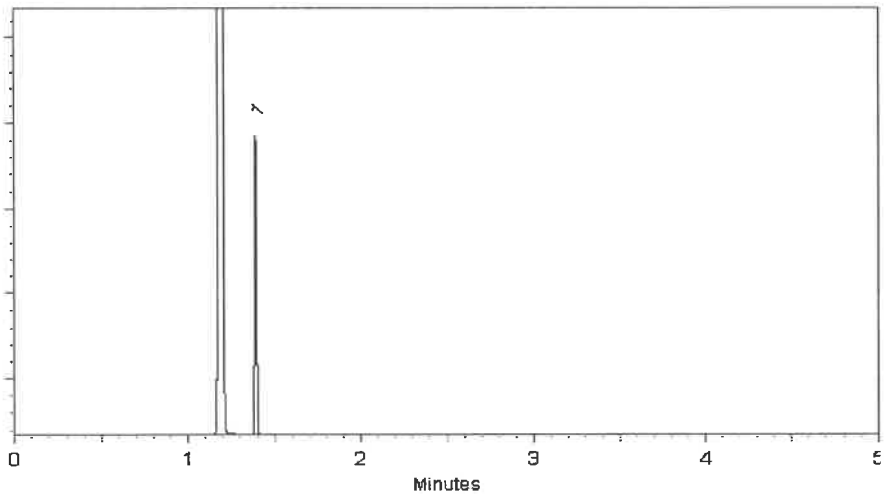
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

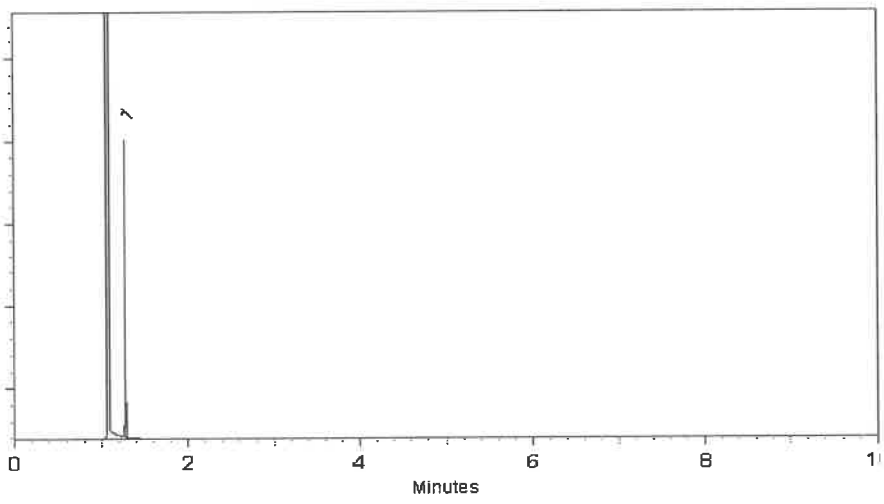
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

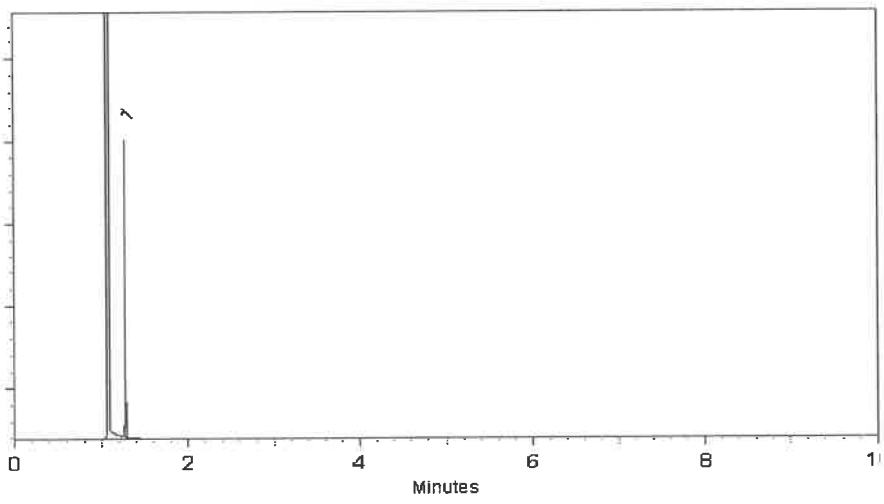
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

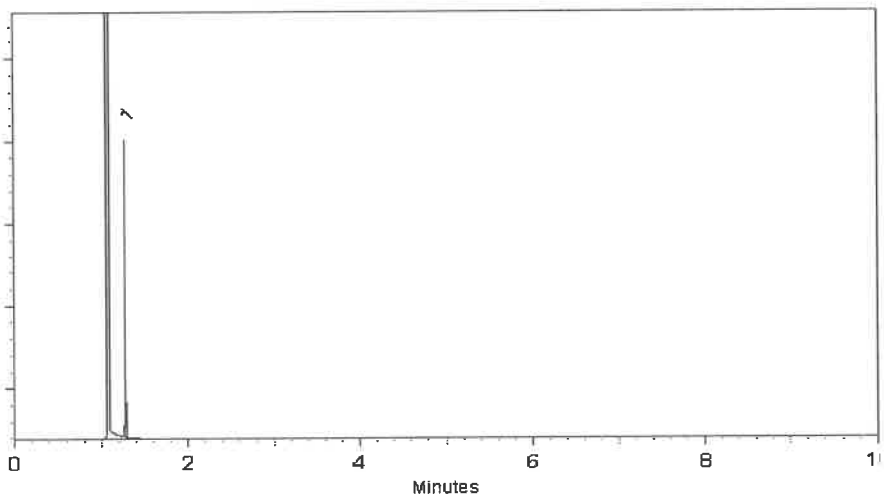
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

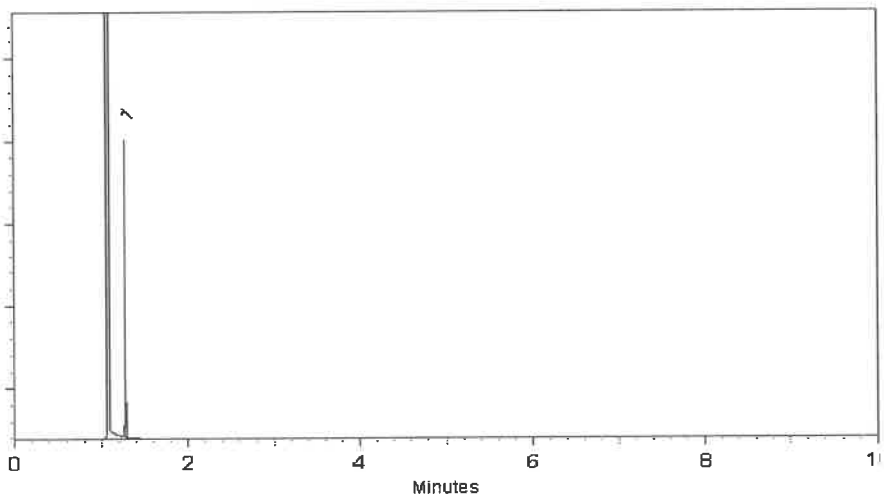
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

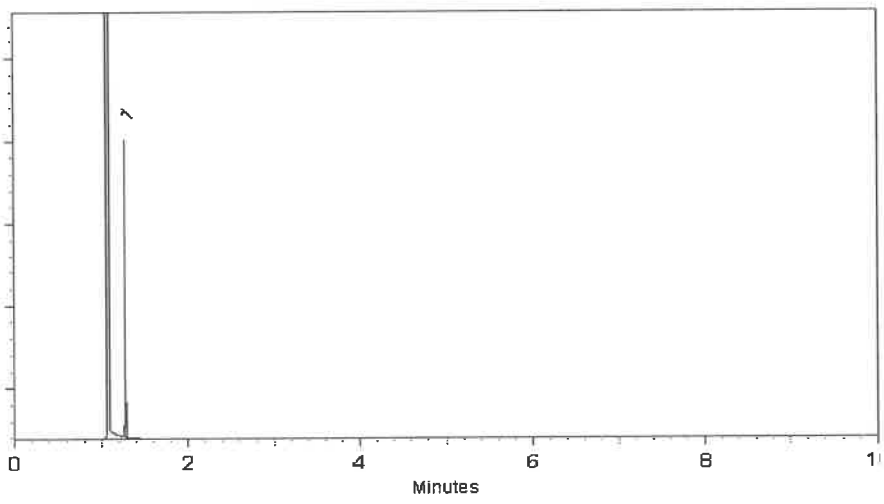
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

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Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

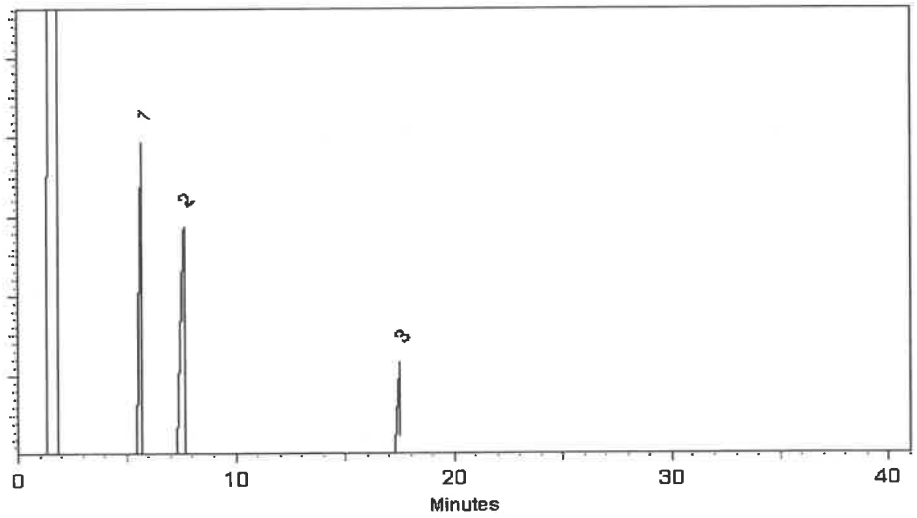
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

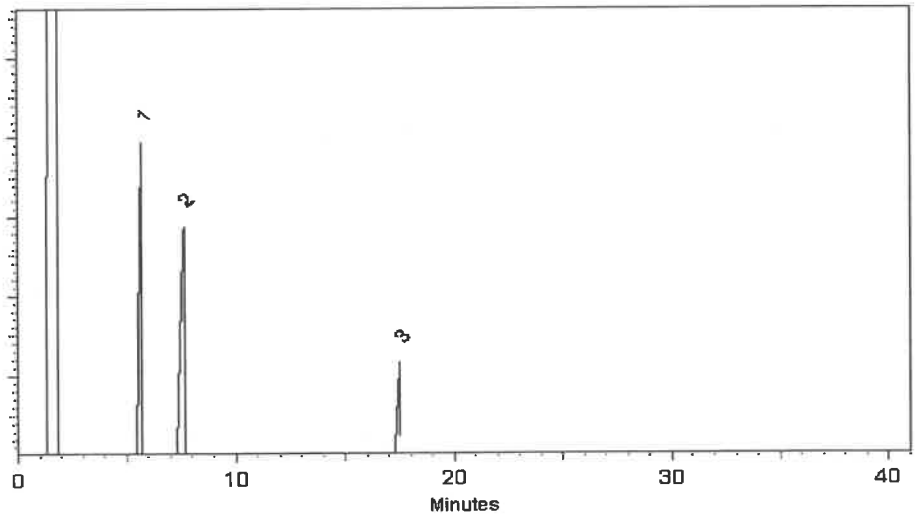
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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Certificate #3222.01

ACCREDITED
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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

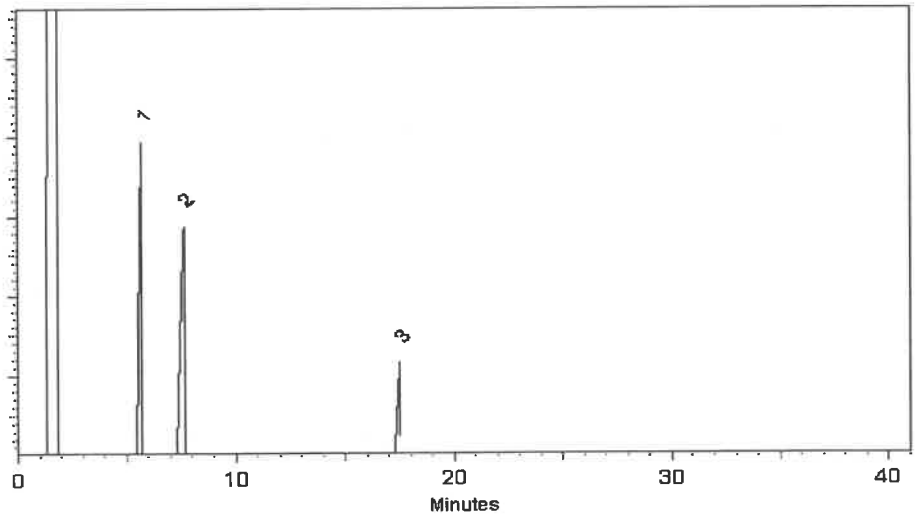
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250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

S12187 ↓ S12206 } RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

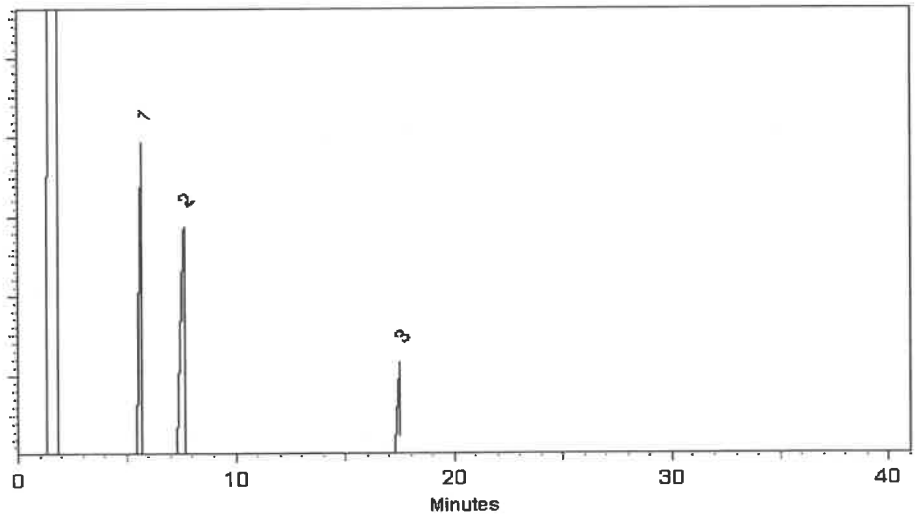
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

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Christie Mills - Operations Lead Tech - ARM QC

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

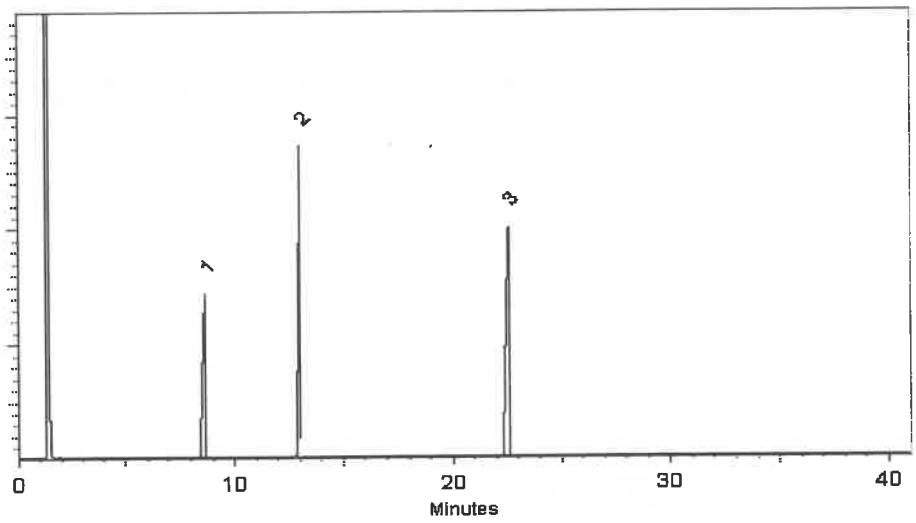
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Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

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Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
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Tech Tips:
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Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
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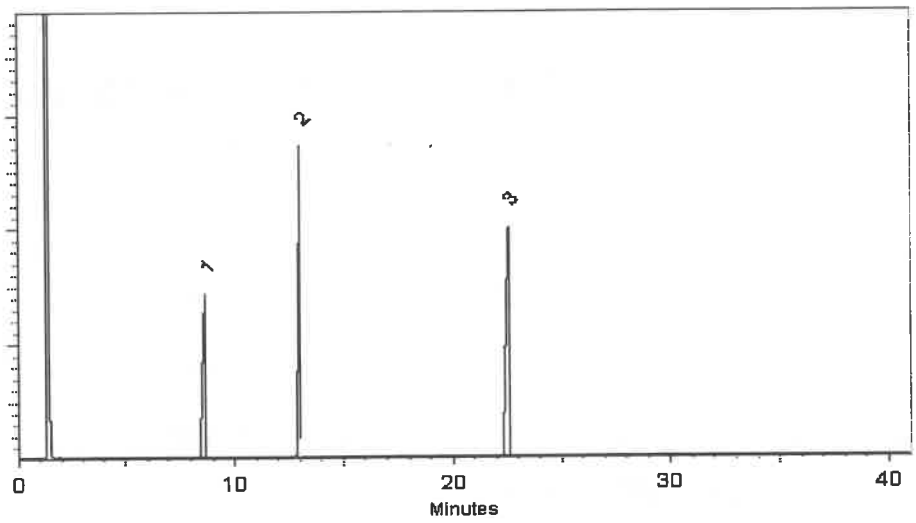
Inj. Temp:
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Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

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Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

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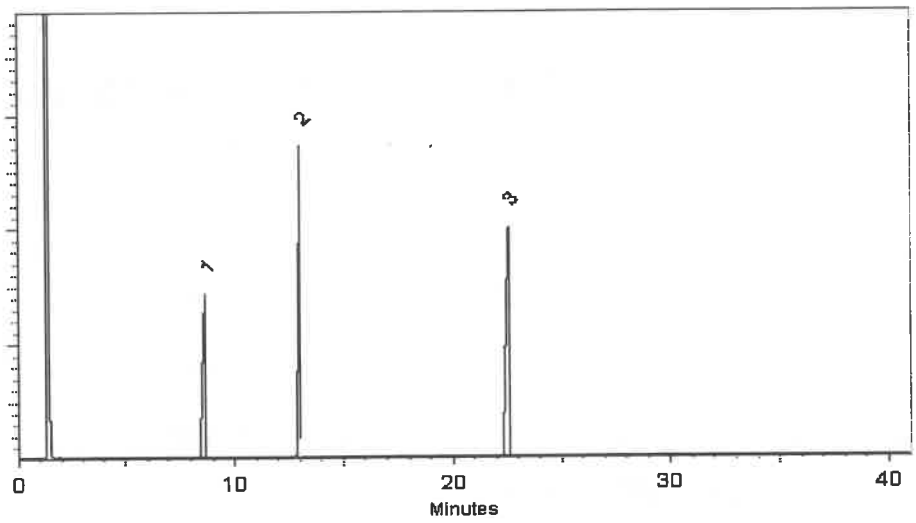
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

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Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

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Purity 99%

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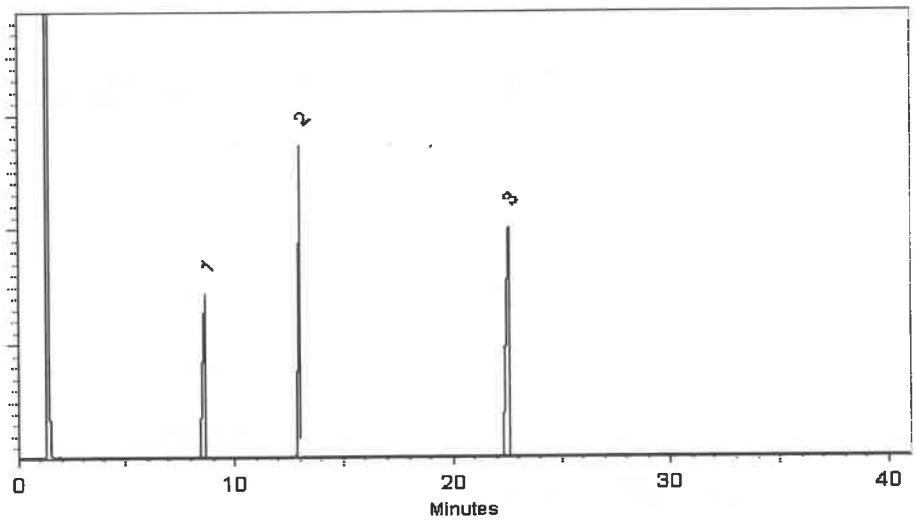
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330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jennifer Pollino - Operations Tech III - ARM QC

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Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
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Quality Confirmation Test

Column:
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Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
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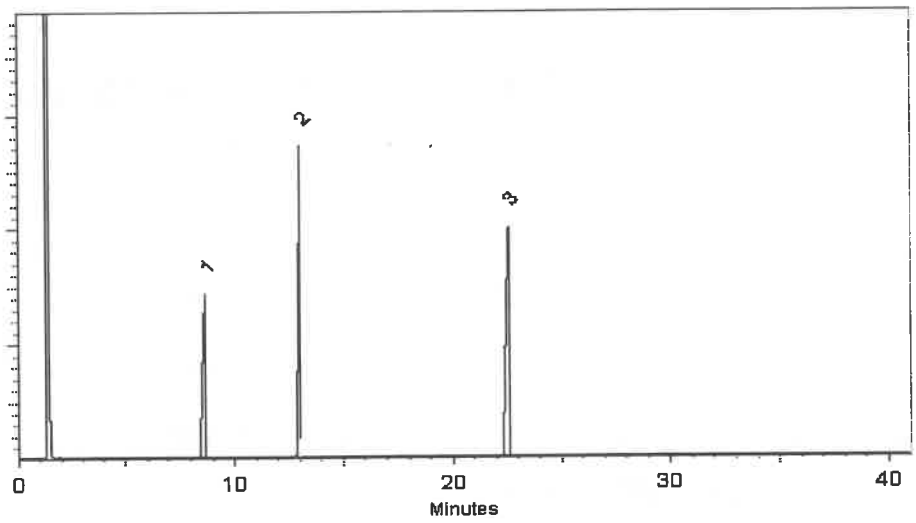
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Det. Type:
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Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Kerry E Kane

Certified By: _____

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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CPI INTERNATIONAL

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(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

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Certified Uncertainty Value Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
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3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Manufacturing Notes:

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Handling Notes:

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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Catalog No. : 555224 **Lot No.:** A0214017

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Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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Solvent: Methylene chloride
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Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Container Size : 2 mL **Pkg Amt:** > 1 mL

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2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 ↓ S12579 RC 8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

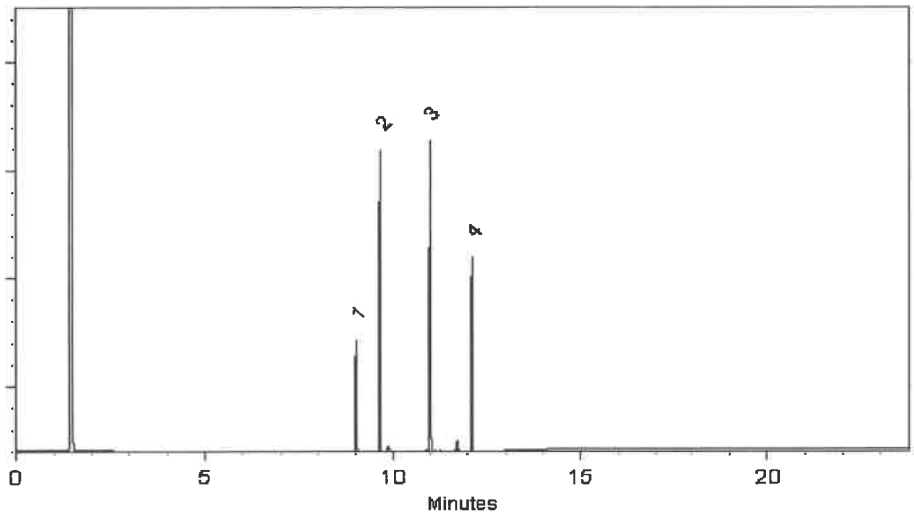
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302



54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	531243	≤ -10 °C	Methylene Chloride	1/2/2030	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.4P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	993.8 ± 5.78
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

513057
↓
513061
AC
1/16/25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

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Santa Rosa, CA 95403

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

S13078 ↓ S13087 } AC 3/10/25

Manufactured by

Raevyn Steele
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Certificate of Analysis

chromatographic plus

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

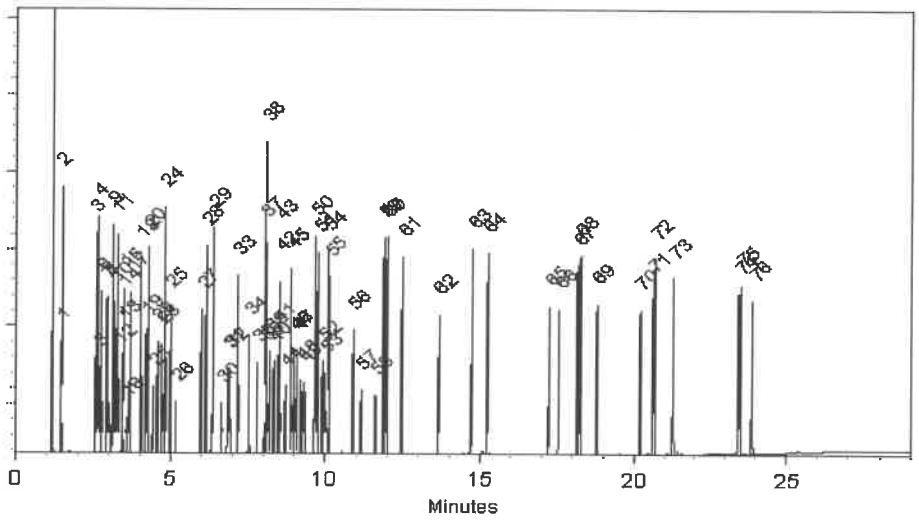
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

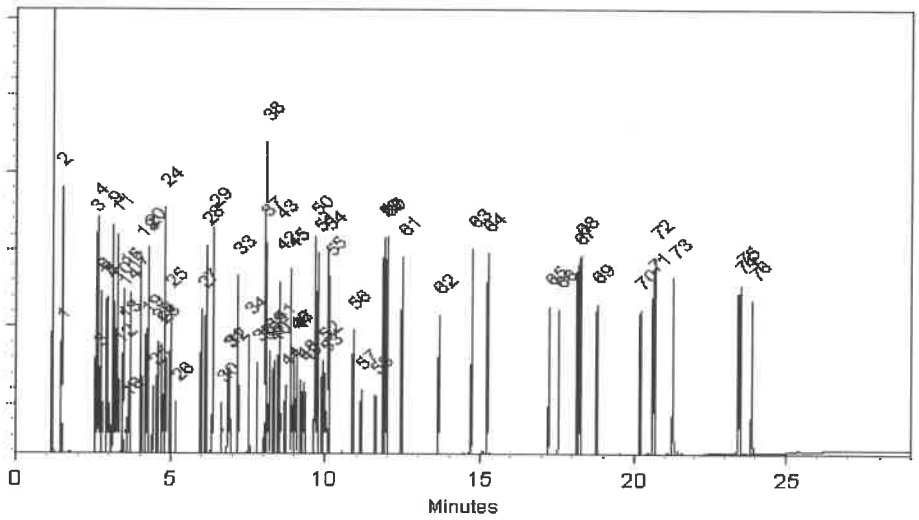
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 ↓ S13167 } RC/ 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Bellefonte, PA 16823-8812
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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

S13168 ↓ S13197 } AC 6/9/25

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S13198 → S13207 } AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

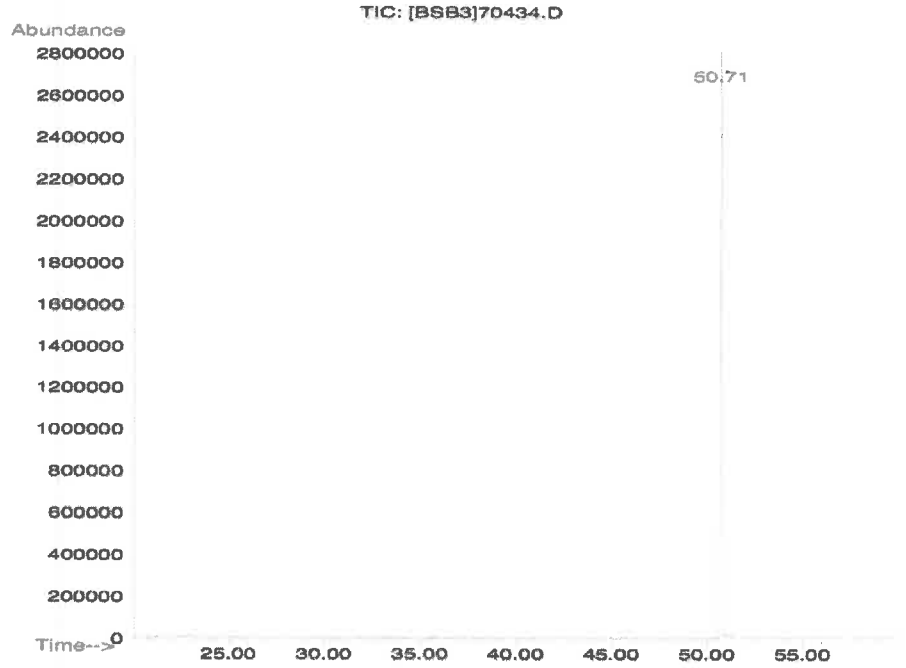
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

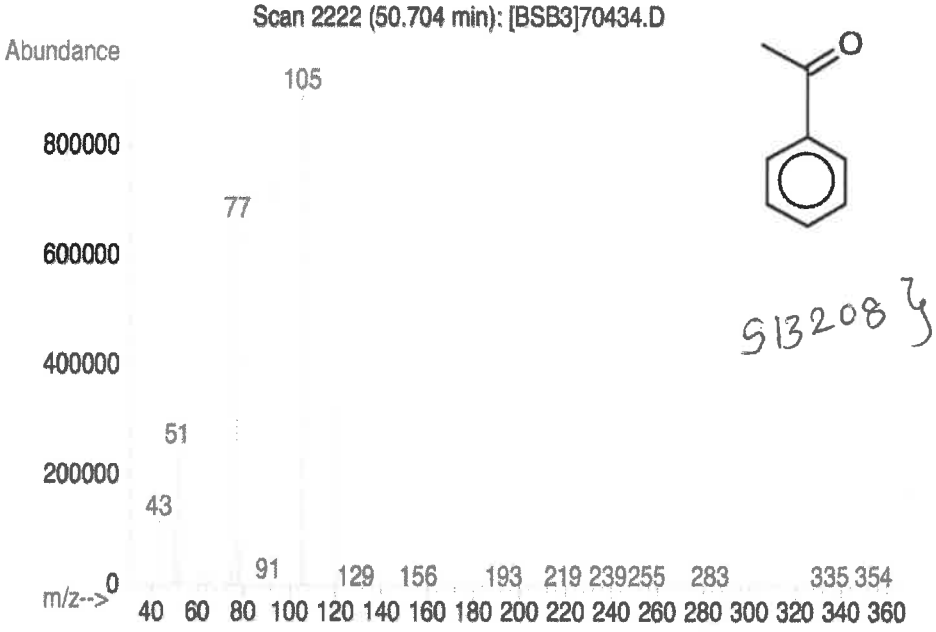
		121622
Formulated By:	Benson Chan	DATE
		121622
Reviewed By:	Pedro L. Rentas	DATE

Weight(s) shown below were combined and diluted to (mL): 50.0 5E-05 Balance Uncertainty 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.

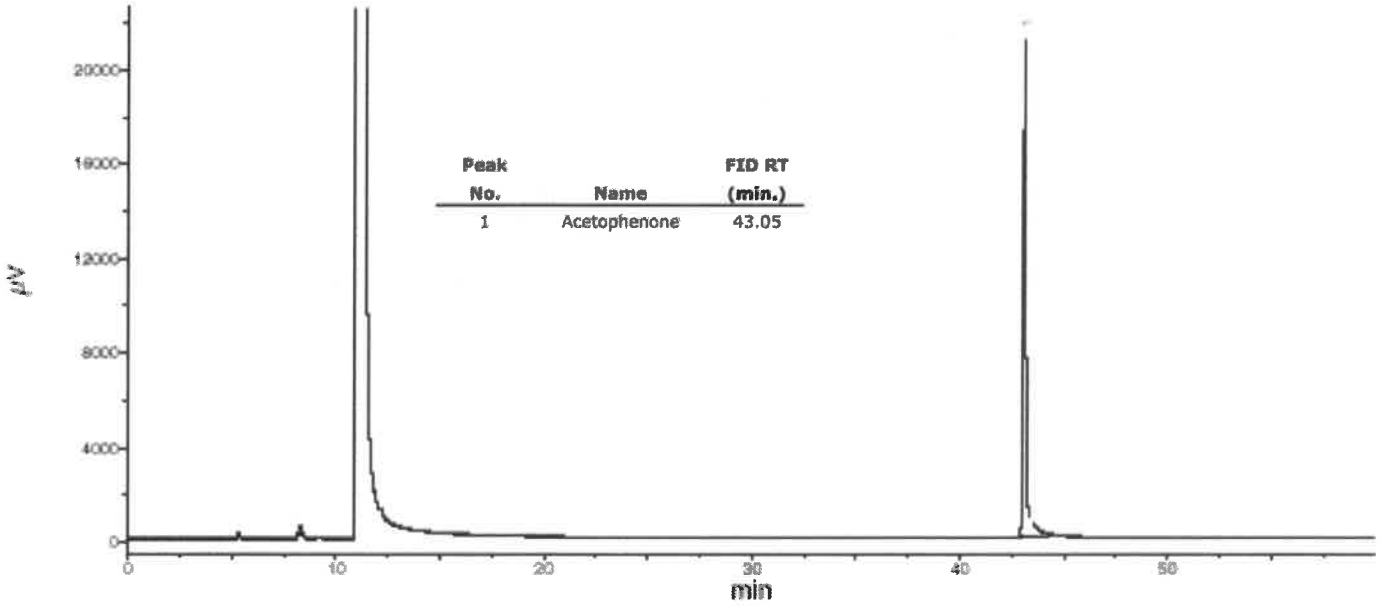




S13208 Y RC/ 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

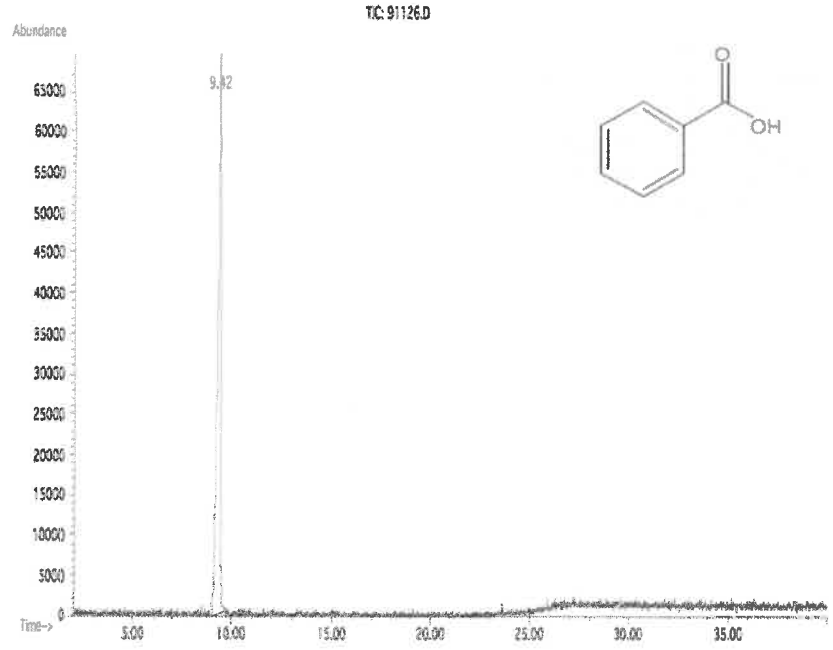
CERTIFIED WEIGHT REPORT

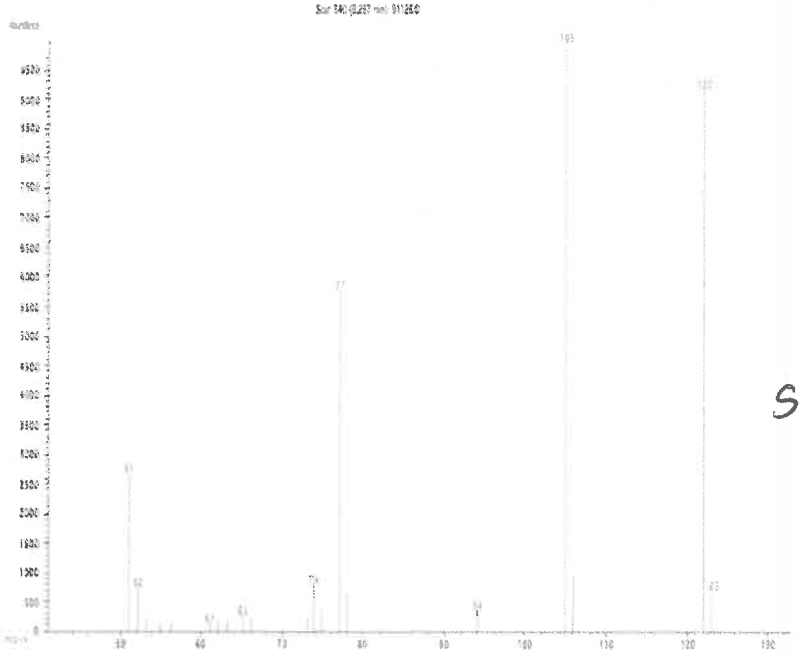
Part Number:	**91126**	**Solvent(s):**	**Lot#**	
Lot Number:	060625	Methylene chloride	23343	
Description:	Benzoic acid			
Expiration Date:	060630			
Recommended Storage:	Refrigerate (4 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Weight(s) shown below were combined and diluted to (mL):	100.0	0.031	Flask Uncertainty	

		060625
Formulated By:	Anthony Mahoney	DATE
		060625
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S13209 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

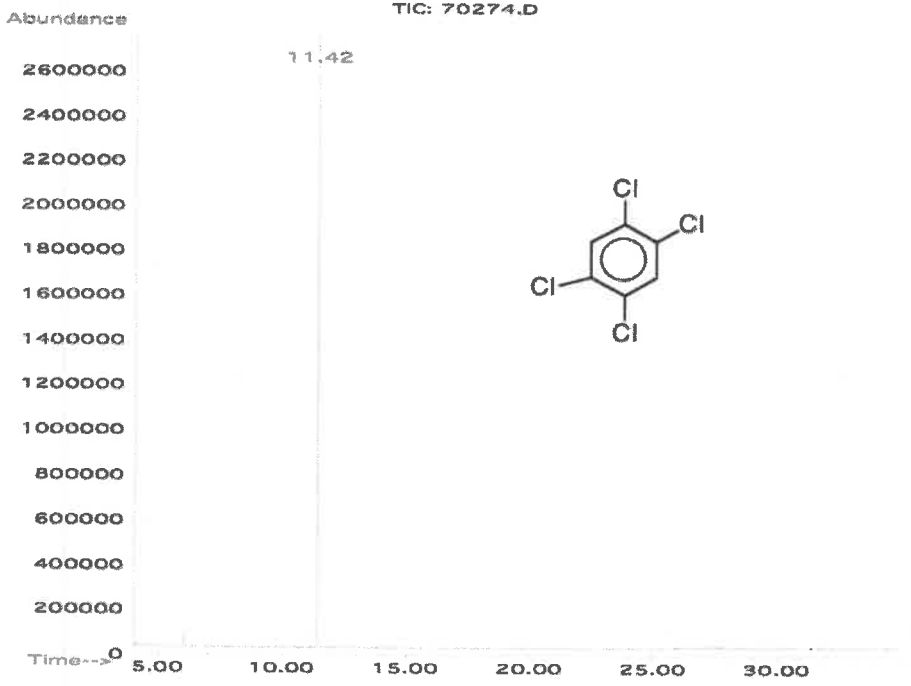
Weight(s) shown below were combined and diluted to (mL): 25.0 | 5E-05 Balance Uncertainty | 0.004 Flask Uncertainty

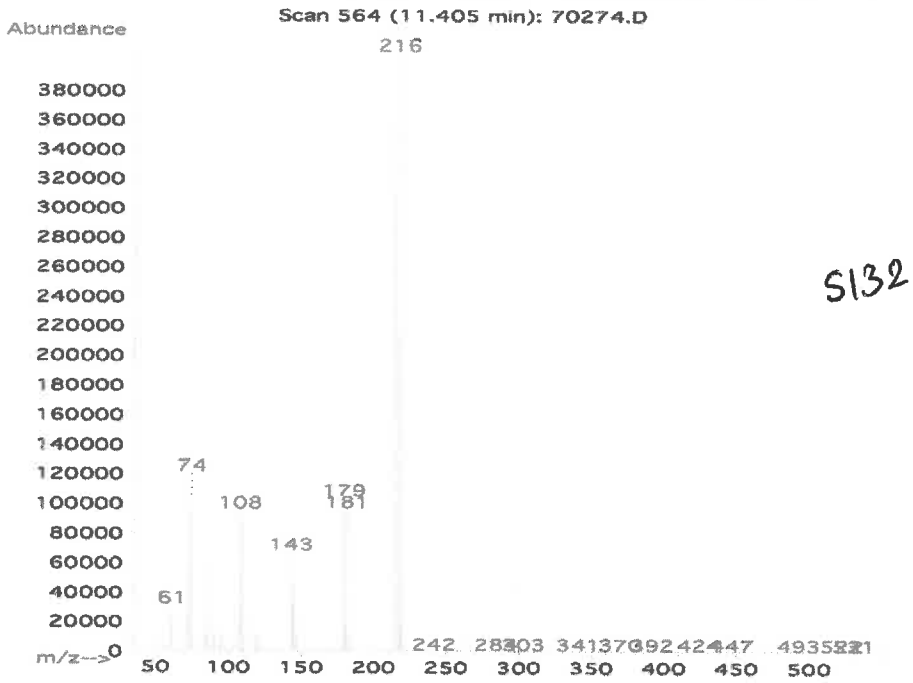
CAUTION: Sonicate Before Use

	Formulated By: Lawrence Barry	DATE
092324		
	Reviewed By: Pedro L. Rentas	DATE
092324		

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S132113 RC 6/19/25.

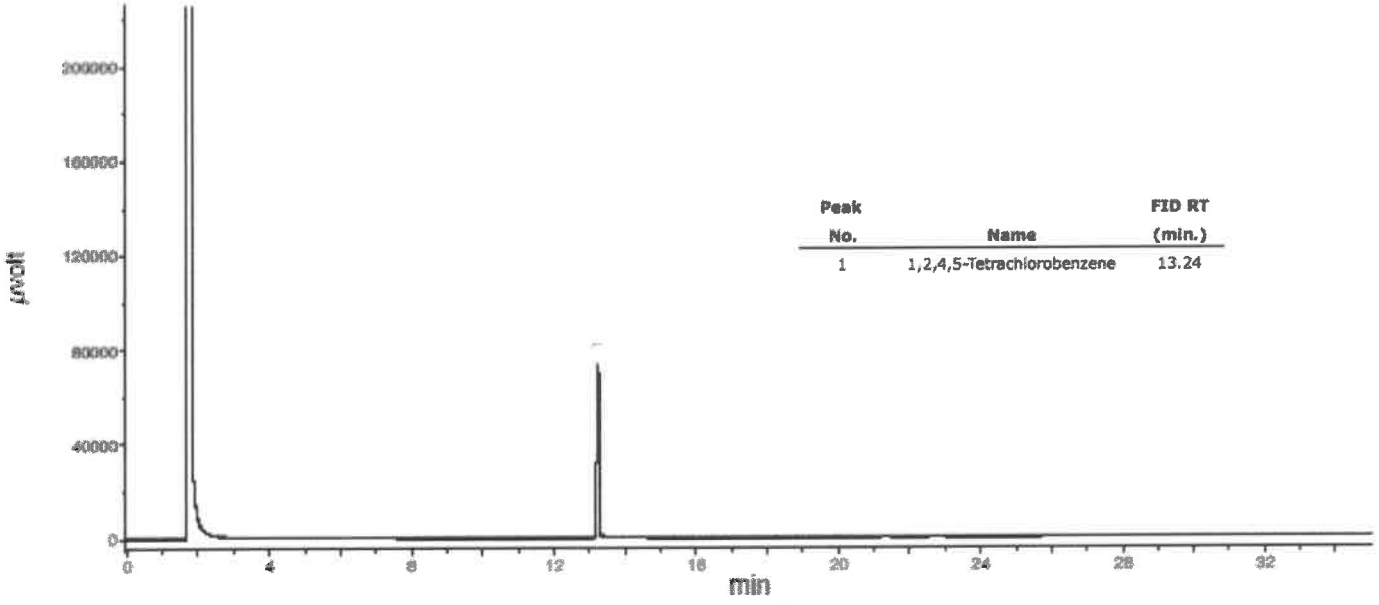
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

513148 ↓ 513157 RC 11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2795
COC Number 2045308

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Girard School
PROJECT NO.: 20001558.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other

ANALYSIS

PADEP Historic Clean Fill Parameters Hold

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	COMP-1	Soil	✓		8/6/25	10:20	4	✓									
2.	COMP-2		↓			11:25	↓	↓									
3.	COMP-3		↓			12:20	↓	↓									
4.	SB-1			✓		9:40	1		✓								
5.	SB-2			↓		9:50	1		↓								
6.	SB-3			↓		10:00	1		↓								
7.	SB-4			↓		10:15	1		↓								
8.	SB-5			↓		10:35	1		↓								
9.	SB-6			↓		10:50	1		↓								
10.	SB-7	↓		↓	↓	11:00	↓		↓								

E E

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/6/25	1.
2.	8/7/25 1128	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8°C
Comments: Hold grab samples SB-1 thru SB-12
IR Gun #1

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEx

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

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www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2795
COC Number 2045309

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Girard School
PROJECT NO.: 20160558.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

JC
Hold
PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
									E								
1.	SB-8	Soil		✓	8/6/25	11:20	1		✓								
2.	SB-9	↓		↓	↓	11:50	↓		↓								
3.	SB-10					12:00											
4.	SB-11					12:10											
5.	SB-12					12:15											
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/6/25	1.
2.	8/7/25 1128	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Thermal

Page 2 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEx

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

YG 08/12/2025

Order ID : Q2795 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 8/7/2025 11:57:00 AM
Project Name : ~~Girad School~~ Girard School-PA
Receive DateTime : 8/7/2025 11:28:00 AM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2795-01	COMP-1	Solid	08/06/2025	10:20					
					VOCMS Group1		8260D		5 Bus. Days
Q2795-02	COMP-2	Solid	08/06/2025	11:25					
					VOCMS Group1		8260D		5 Bus. Days
Q2795-03	COMP-3	Solid	08/06/2025	12:20					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By :
Date / Time : 8/7/25 1240

Received By : Sam
Date / Time : 8/7/25 12:40

Storage Area : VOA Refridgerator Room

NH 6
F 22