DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : First Environment, Inc.

Project Location : N.Y. Project Number : WPHA006

Laboratory Sample ID(s) : Q2553 Sampling Date(s) : 7/09/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,8270E,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2553

Project ID : White Plains Housing Authority - WPHAU006

Client : First Environment, Inc.

Lab Sample Number	Client Sample Number
Q2553-01	AOC-201
Q2553-02	AOC-202
Q2553-03	AOC-203
Q2553-04	AOC-205
Q2553-05	FB
Q2553-06	TB

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

Signature : _____

Date: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

First Environment, Inc.
Project Name: White Plains Housing Authority - WPHAU006
Project # N/A
Order ID # Q2553
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
6 Water samples were received on 07/09/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for AOC-203 [2,4,6-Tribromophenol - 114%], FB [2,4 and6-Tribromophenol - 128%],this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.

The Blank Spike for {PB168816BS} with File ID: BM050434.D met requirements for all compounds except for 4-Chloroaniline[47%],this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate for {PB168816BSD} with File ID: BM050435.D met requirements for all compounds except for 3-Nitroaniline[66%], 4-Chloroaniline[41%],these compounds did not meet the NJDKQP criteria but met the in-house criteria.

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

The % RSD is greater than 20% in the Initial Calibration (8270-BM070825.M) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene,4-Nitroaniline,4,6-Dinitro-2-methylphenol,thesecompounds are passing on LinearRegression.

The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol,2-Nitroaniline,2,4-Dinitrophenol,2,4-Dinitrotoluene,4,6-Dinitro-2-methylphenol,Butylbenzylphthalate,Di-n-octyl phthalate,these compounds are passing on LinearRegression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

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

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

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

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

Signature_____

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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 #: **Q2553**

	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: **SOHIL JODHANI** **Date:** **07/17/2025**

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LAB CHRONICLE

OrderID:	Q2553	**OrderDate:**	7/9/2025 4:20:00 PM
Client:	First Environment, Inc.	**Project:**	White Plains Housing Authority - WPHA006
Contact:	Ken Cwieka	**Location:**	A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2553-01	**AOC-201**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-02	**AOC-202**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-03	**AOC-203**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-04	**AOC-205**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-05	**FB**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : AOC-201									
Q2553-01	AOC-201	WATER	Naphthalene		15.200		0.51	5.1	ug/L
Q2553-01	AOC-201	WATER	2-Methylnaphthalene		22.900		0.57	5.1	ug/L
			Total Svoc :			**38.10**			
Q2553-01	AOC-201	WATER	o-Cymene	*	7.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Phenol, 3-ethyl-5-methyl-	*	7.400	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown6.849	*	35.200	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown7.108	*	250.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown7.55	*	63.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,2,3,5-tetramethyl-	*	33.200	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,2-diethyl-	*	9.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,3-diethyl-	*	46.800	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,4-diethyl-	*	31.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-ethyl-2,3-dimethyl-	*	56.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-ethyl-3-methyl-	*	12.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-methyl-3-(1-methyleth	*	35.100	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	57.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzophenone	*	7.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Dicyclopentadiene	*	27.800	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Indane	*	15.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1,3-Cyclopentadiene, 1,2,3,4-tetra	*	27.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Inden-1-ol, 2,3-dihydro-2-met	*	6.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Indene, 2,3-dihydro-1,6-dimet	*	6.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Indene, 2,3-dihydro-5-methyl-	*	26.300	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1-Methylnaphthalene	*	43.700	J	0.67	5.1	ug/L
			Total Tics :			**807.40**			
			Total Concentration:			**845.50**			
Client ID : AOC-202									
Q2553-02	AOC-202	WATER	1-(2-Methoxy-5-methylphenyl)pro	*	3.600	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1,2-Dimethyl-cyclopent-2-enecarb	*	4.100	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1,3,8-p-Menthatriene	*	5.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1H-Indene, 2,3-dihydro-1,6-dimet	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2,2-Dimethylindene, 2,3-dihydro-	*	3.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2,3,4,5-Tetramethylbenzoic acid	*	4.000	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.100	AB	0	0	ug/L
Q2553-02	AOC-202	WATER	4-Isopropylphenylacetic acid	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, (1,1-dimethyl-2-propeny	*	4.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, (2-methyl-1-butenyl)-	*	4.200	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2553-02	AOC-202	WATER	Benzene, 1,2,3,4-tetramethyl-	*	7.800	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, 1,2-diethyl-	*	10.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, 1,3-diethyl-	*	9.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzoic acid, 2,4,5-trimethyl-	*	18.000	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzophenone	*	4.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Bicyclo[3.1.0]hexane, 1,5-dimethy	*	3.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Ethyl o-methylbenzoate	*	7.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	n-Hexadecanoic acid	*	5.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	unknown10.242	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	unknown8.448	*	4.800	J	0	0	ug/L
			Total Tics :		**114.40**				
			Total Concentration:		**114.40**				
Client ID :	**AOC-203**								
Q2553-03	AOC-203	WATER	Naphthalene		11.100		0.5	5	ug/L
Q2553-03	AOC-203	WATER	2-Methylnaphthalene		4.300	J	0.56	5	ug/L
			Total Svoc :		**15.40**				
Q2553-03	AOC-203	WATER	1H-Inden-1-ol, 2,3-dihydro-	*	7.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	1H-Inden-1-one, 2,3-dihydro-	*	5.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2553-03	AOC-203	WATER	3-Phenylbut-1-ene	*	9.900	J	0	0	ug/L
Q2553-03	AOC-203	WATER	4,7-Methano-1H-indene, 2,3,3a,4,	*	4.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2,3,5-tetramethyl-	*	4.300	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2,4,5-tetramethyl-	*	21.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2-diethyl-	*	7.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,3-diethyl-	*	15.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,4-diethyl-	*	21.300	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1-ethyl-3-methyl-	*	12.900	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1-methyl-2-propyl-	*	4.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	37.400	J	0	0	ug/L
Q2553-03	AOC-203	WATER	2-Butenoic acid, 2-propenylidene	*	9.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	n-Hexadecanoic acid	*	4.100	J	0	0	ug/L
Q2553-03	AOC-203	WATER	o-Cymene	*	4.800	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	72.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown6.690	*	14.700	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown6.849	*	15.700	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown7.555	*	48.100	J	0	0	ug/L
Q2553-03	AOC-203	WATER	1-Methylnaphthalene	*	9.500	J	0.66	5	ug/L
			Total Tics :		**333.50**				
			Total Concentration:		**348.90**				

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : AOC-205									
Q2553-04	AOC-205	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.700	AB	0	0	ug/L
Q2553-04	AOC-205	WATER	n-Hexadecanoic acid	*	2.100	J	0	0	ug/L
			Total Tics :				**5.80**		
			Total Concentration:				**5.80**		
Client ID : FB									
Q2553-05	FB	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.000	AB	0	0	ug/L
Q2553-05	FB	WATER	2-Propanol, 1-(2-butoxy-1-methyl	*	2.700	J	0	0	ug/L
Q2553-05	FB	WATER	Butane, 2-methoxy-2-methyl-	*	61.600	J	0	0	ug/L
			Total Tics :				**68.30**		
			Total Concentration:				**68.30**		

QC
SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168816BL	PB168816BL	2-Fluorophenol	150	134	89		15 (23)	110 (138)
		Phenol-d6	150	130	87		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.9	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.2	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	97.9	98		30 (42)	130 (152)
PB168816BS	PB168816BS	2-Fluorophenol	150	149	100		15 (23)	110 (138)
		Phenol-d6	150	149	99		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.5	90		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.5	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	165	110		15 (44)	110 (137)
		Terphenyl-d14	100	98.4	98		30 (42)	130 (152)
PB168816BSD	PB168816BSD	2-Fluorophenol	150	152	101		15 (23)	110 (138)
		Phenol-d6	150	150	100		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.4	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.8	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	162	108		15 (44)	110 (137)
		Terphenyl-d14	100	98.7	99		30 (42)	130 (152)
Q2553-01	AOC-201	2-Fluorophenol	150	70.8	47		15 (23)	110 (138)
		Phenol-d6	150	42.6	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	98.8	99		30 (67)	130 (132)
		2-Fluorobiphenyl	100	90.3	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	152	101		15 (44)	110 (137)
		Terphenyl-d14	100	98.9	99		30 (42)	130 (152)
Q2553-02	AOC-202	2-Fluorophenol	150	68.6	46		15 (23)	110 (138)
		Phenol-d6	150	40.0	27		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.3	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	106		15 (44)	110 (137)
		Terphenyl-d14	100	92.3	92		30 (42)	130 (152)
Q2553-03	AOC-203	2-Fluorophenol	150	71.9	48		15 (23)	110 (138)
		Phenol-d6	150	42.7	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.4	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	171	114	*	15 (44)	110 (137)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q2553-04	AOC-205	2-Fluorophenol	150	66.1	44		15 (23)	110 (138)
		Phenol-d6	150	39.0	26		15 (10)	110 (134)
		Nitrobenzene-d5	100	96.3	96		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.2	91		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	150	100		15 (44)	110 (137)
		Terphenyl-d14	100	94.7	95		30 (42)	130 (152)
Q2553-05	FB	2-Fluorophenol	150	75.5	50		15 (23)	110 (138)
		Phenol-d6	150	43.8	29		15 (10)	110 (134)
		Nitrobenzene-d5	100	105	105		30 (67)	130 (132)
		2-Fluorobiphenyl	100	99.2	99		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	192	128	*	15 (44)	110 (137)
		Terphenyl-d14	100	126	126		30 (42)	130 (152)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050434.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BS	Benzaldehyde	50	47.3	ug/L	95				20 (10)	160 (162)	
	Phenol	50	54.3	ug/L	109				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	50.7	ug/L	101				70 (62)	130 (103)	
	2-Chlorophenol	50	53.8	ug/L	108				70 (70)	130 (117)	
	2-Methylphenol	50	53.9	ug/L	108				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	49.6	ug/L	99				70 (65)	130 (100)	
	Acetophenone	50	51.6	ug/L	103				70 (60)	130 (104)	
	3+4-Methylphenols	50	52.7	ug/L	105				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104				70 (57)	130 (107)	
	Hexachloroethane	50	50.4	ug/L	101				20 (76)	160 (118)	
	Nitrobenzene	50	52.1	ug/L	104				70 (58)	130 (106)	
	Isophorone	50	51.9	ug/L	104				70 (61)	130 (102)	
	2-Nitrophenol	50	57.7	ug/L	115				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	53.4	ug/L	107				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	51.5	ug/L	103				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	54.8	ug/L	110				70 (66)	130 (115)	
	Naphthalene	50	50.8	ug/L	102				70 (64)	130 (107)	
	4-Chloroaniline	50	23.3	ug/L	47		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	50.9	ug/L	102				70 (69)	130 (101)	
	Caprolactam	50	53.3	ug/L	107				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	54.9	ug/L	110				70 (65)	130 (114)	
	2-Methylnaphthalene	50	52.2	ug/L	104				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	57.2	ug/L	114				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	57.1	ug/L	114				70 (70)	130 (106)	
	1,1-Biphenyl	50	53.3	ug/L	107				70 (72)	130 (98)	
	2-Chloronaphthalene	50	53.0	ug/L	106				70 (59)	130 (106)	
	2-Nitroaniline	50	59.7	ug/L	119				70 (73)	130 (114)	
	Dimethylphthalate	50	53.8	ug/L	108				70 (64)	130 (103)	
	Acenaphthylene	50	54.3	ug/L	109				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	58.0	ug/L	116				70 (64)	130 (110)	
	3-Nitroaniline	50	35.4	ug/L	71				70 (28)	130 (100)	
	Acenaphthene	50	59.1	ug/L	118				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	120	ug/L	120				20 (36)	160 (166)	
	4-Nitrophenol	100	120	ug/L	120				20 (45)	160 (147)	
	Dibenzofuran	50	52.9	ug/L	106				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	54.7	ug/L	109				70 (60)	130 (115)	
	Diethylphthalate	50	54.1	ug/L	108				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	53.8	ug/L	108				70 (61)	130 (104)	
	Fluorene	50	54.0	ug/L	108				70 (64)	130 (107)	
	4-Nitroaniline	50	51.2	ug/L	102				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	54.1	ug/L	108				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	54.8	ug/L	110				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	55.7	ug/L	111				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050434.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BS	Hexachlorobenzene	50	55.1	ug/L	110				70 (73)	130 (106)	
	Atrazine	50	57.7	ug/L	115				70 (76)	130 (120)	
	Pentachlorophenol	100	130	ug/L	130				20 (47)	160 (114)	
	Phenanthrene	50	54.1	ug/L	108				70 (62)	130 (109)	
	Anthracene	50	55.4	ug/L	111				70 (65)	130 (110)	
	Carbazole	50	56.4	ug/L	113				70 (62)	130 (106)	
	Di-n-butylphthalate	50	56.4	ug/L	113				70 (64)	130 (106)	
	Fluoranthene	50	57.3	ug/L	115				70 (64)	130 (110)	
	Pyrene	50	52.8	ug/L	106				70 (71)	130 (103)	
	Butylbenzylphthalate	50	60.7	ug/L	121				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	38.0	ug/L	76				70 (43)	130 (108)	
	Benzo(a)anthracene	50	55.9	ug/L	112				70 (62)	130 (107)	
	Chrysene	50	56.0	ug/L	112				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	59.0	ug/L	118				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	62.4	ug/L	125				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	57.1	ug/L	114				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	56.5	ug/L	113				70 (77)	130 (105)	
	Benzo(a)pyrene	50	58.3	ug/L	117				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	57.2	ug/L	114				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	57.2	ug/L	114				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	57.0	ug/L	114				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	55.5	ug/L	111				70 (72)	130 (101)	
	1,4-Dioxane	50	41.1	ug/L	82				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	57.3	ug/L	115				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050435.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BSD	Benzaldehyde	50	48.2	ug/L	96	2			20 (10)	160 (162)	20 (20)
	Phenol	50	54.6	ug/L	109	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	51.9	ug/L	104	2			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	55.0	ug/L	110	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	54.3	ug/L	109	1			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	50.2	ug/L	100	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	52.3	ug/L	105	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	52.7	ug/L	105	0			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104	0			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	51.4	ug/L	103	2			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	52.9	ug/L	106	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	51.9	ug/L	104	0			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	59.4	ug/L	119	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	53.3	ug/L	107	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	51.9	ug/L	104	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	54.5	ug/L	109	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	51.3	ug/L	103	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.3	ug/L	41	14	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	51.9	ug/L	104	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	52.1	ug/L	104	2			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	54.1	ug/L	108	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	52.6	ug/L	105	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	56.9	ug/L	114	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	56.9	ug/L	114	0			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	53.5	ug/L	107	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	53.2	ug/L	106	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	57.8	ug/L	116	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	52.4	ug/L	105	3			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	53.7	ug/L	107	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	56.5	ug/L	113	3			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	32.9	ug/L	66	7	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	58.2	ug/L	116	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	9			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	120	ug/L	120	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	52.1	ug/L	104	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	53.0	ug/L	106	3			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	52.5	ug/L	105	3			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	52.9	ug/L	106	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	53.0	ug/L	106	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	49.7	ug/L	99	3			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107	1			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	54.5	ug/L	109	1			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	55.7	ug/L	111	0			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050435.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BSD	Hexachlorobenzene	50	55.1	ug/L	110	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	56.9	ug/L	114	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	8			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	53.2	ug/L	106	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	54.3	ug/L	109	2			70 (65)	130 (110)	20 (20)
	Carbazole	50	54.8	ug/L	110	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	54.9	ug/L	110	3			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	55.0	ug/L	110	4			70 (64)	130 (110)	20 (20)
	Pyrene	50	52.3	ug/L	105	1			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	59.9	ug/L	120	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	36.6	ug/L	73	4			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	55.5	ug/L	111	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	54.8	ug/L	110	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	57.7	ug/L	115	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	61.5	ug/L	123	1			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	56.2	ug/L	112	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	55.8	ug/L	112	1			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	57.8	ug/L	116	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	57.9	ug/L	116	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	57.7	ug/L	115	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	57.8	ug/L	116	1			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	56.7	ug/L	113	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	42.1	ug/L	84	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	56.4	ug/L	113	2			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168816BL

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: BM050426.D | Lab Sample ID: PB168816BL

Instrument ID: BNA_M | Date Extracted: 07/11/2025

Matrix: (soil/water) Water | Date Analyzed: 07/14/2025

Level: (low/med) LOW | Time Analyzed: 14:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168816BS	PB168816BS	BM050434.D	07/14/2025
PB168816BSD	PB168816BSD	BM050435.D	07/14/2025
FB	Q2553-05	BM050441.D	07/15/2025
AOC-201	Q2553-01	BP025124.D	07/14/2025
AOC-202	Q2553-02	BP025125.D	07/14/2025
AOC-203	Q2553-03	BP025126.D	07/14/2025
AOC-205	Q2553-04	BP025127.D	07/14/2025

COMMENTS:

Raw Data: **BM050376.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BM050376.D DFTPP Injection Date: 07/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:59

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	Alliance	**Contract:**	FIRS02
Lab Code:	ACE	**SDG NO.:**	Q2553
Lab File ID:	BM050419.D	**DFTPP Injection Date:**	07/14/2025
Instrument ID:	BNA_M	**DFTPP Injection Time:**	09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	71.6
443	15.0 - 24.0% of mass 442	14.2 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050420.D	07/14/2025	10:50
PB168816BL	PB168816BL	BM050426.D	07/14/2025	14:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: FIRS02

Lab Code: ACE — SDG NO.: Q2553

Lab File ID: BM050428.D — DFTPP Injection Date: 07/14/2025

Instrument ID: BNA_M — DFTPP Injection Time: 16:13

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	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	73.6
443	15.0 - 24.0% of mass 442	14.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050429.D	07/14/2025	16:53
PB168816BS	PB168816BS	BM050434.D	07/14/2025	20:14
PB168816BSD	PB168816BSD	BM050435.D	07/14/2025	20:55
FB	Q2553-05	BM050441.D	07/15/2025	00:53

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BP025070.D DFTPP Injection Date: 07/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

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	31.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	18 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025071.D	07/03/2025	09:39
SSTDICC005	SSTDICC005	BP025072.D	07/03/2025	10:21
SSTDICC010	SSTDICC010	BP025073.D	07/03/2025	11:02
SSTDICC020	SSTDICC020	BP025074.D	07/03/2025	11:44
SSTDICCC040	SSTDICCC040	BP025075.D	07/03/2025	12:25
SSTDICC050	SSTDICC050	BP025076.D	07/03/2025	13:07
SSTDICC060	SSTDICC060	BP025077.D	07/03/2025	13:49
SSTDICC080	SSTDICC080	BP025078.D	07/03/2025	14:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: FIRS02

Lab Code: ACE — SDG NO.: Q2553

Lab File ID: BP025120.D — DFTPP Injection Date: 07/14/2025

Instrument ID: BNA_P — DFTPP Injection Time: 14:55

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	30.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	17.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025121.D	07/14/2025	15:36
AOC-201	Q2553-01	BP025124.D	07/14/2025	17:46
AOC-202	Q2553-02	BP025125.D	07/14/2025	18:27
AOC-203	Q2553-03	BP025126.D	07/14/2025	19:09
AOC-205	Q2553-04	BP025127.D	07/14/2025	19:51

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050420.D Time Analyzed: 10:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	419216	7.863	1606680	10.66	1065310	14.49
	UPPER LIMIT	838432	8.363	3213360	11.157	2130620	14.986
	LOWER LIMIT	209608	7.363	803340	10.157	532655	13.986
	EPA SAMPLE NO.						
01	PB168816BL	402471	7.86	1401210	10.66	832017	14.49

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.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050420.D Time Analyzed: 10:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2063490	17.221	2163430	21.445	2168000	24.474
	UPPER LIMIT	4126980	17.721	4326860	21.945	4336000	24.974
	LOWER LIMIT	1031750	16.721	1081720	20.945	1084000	23.974
	EPA SAMPLE NO.						
01	PB168816BL	1567370	17.22	1548390	21.44	1719710	24.47

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050429.D Time Analyzed: 16:53

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	427187	7.863	1630120	10.66	1036890	14.49
	UPPER LIMIT	854374	8.363	3260240	11.157	2073780	14.986
	LOWER LIMIT	213594	7.363	815060	10.157	518445	13.986
	EPA SAMPLE NO.						
01	FB	329239	7.86	1195520	10.66	770212	14.49
02	PB168816BS	363728	7.86	1355770	10.66	836315	14.49
03	PB168816BSD	370039	7.86	1375890	10.66	841303	14.49

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.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050429.D Time Analyzed: 16:53

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1998800	17.221	2212240	21.445	2243970	24.474
	UPPER LIMIT	3997600	17.721	4424480	21.945	4487940	24.974
	LOWER LIMIT	999400	16.721	1106120	20.945	1121990	23.974
	EPA SAMPLE NO.						
01	FB	1550870	17.22	1527960	21.43	1560810	24.46
02	PB168816BS	1570370	17.22	1747800	21.44	1758320	24.47
03	PB168816BSD	1550470	17.22	1658930	21.44	1714880	24.47

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BP025121.D Time Analyzed: 15:36

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	502754	7.437	2056760	10.19	1334830	14.08
	UPPER LIMIT	1005510	7.937	4113520	10.69	2669660	14.584
	LOWER LIMIT	251377	6.937	1028380	9.69	667415	13.584
	EPA SAMPLE NO.						
01	AOC-201	556276	7.43	2052330	10.18	1263040	14.08
02	AOC-202	459808	7.44	1740090	10.18	1019900	14.08
03	AOC-203	356736	7.44	1359330	10.18	848645	14.08
04	AOC-205	458642	7.44	1720260	10.18	992285	14.08

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.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BP025121.D Time Analyzed: 15:36

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	2722800	16.907	2822670	21.342	3067860	24.465
	UPPER LIMIT	5445600	17.407	5645340	21.842	6135720	24.965
	LOWER LIMIT	1361400	16.407	1411340	20.842	1533930	23.965
	EPA SAMPLE NO.						
01	AOC-201	2404790	16.90	2404590	21.34	2753560	24.45
02	AOC-202	2000090	16.91	2268200	21.32	2585200	24.47
03	AOC-203	1826160	16.90	2432840	21.32	2988380	24.45
04	AOC-205	1992610	16.90	2236960	21.32	2607330	24.45

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

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SAMPLE DATA

Raw Data: **BP025124.D**

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.1	U	3.90	10.1	ug/L
108-95-2	Phenol	5.10	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.77	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	15.2		0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.1	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	22.9		0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

Raw Data: **BP025124.D**

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.1	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.83	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.45	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.49	5.10	ug/L

Raw Data: **BP025124.D**

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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.8		15 (23) - 110 (138)	47%	SPK: 150
13127-88-3	Phenol-d6	42.6		15 (10) - 110 (134)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.8		30 (67) - 130 (132)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	98.9		30 (42) - 130 (152)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	556000	7.431			
1146-65-2	Naphthalene-d8	2050000	10.178			
15067-26-2	Acenaphthene-d10	1260000	14.084			
1517-22-2	Phenanthrene-d10	2400000	16.901			
1719-03-5	Chrysene-d12	2400000	21.336			
1520-96-3	Perylene-d12	2750000	24.454			
TENTATIVE IDENTIFIED COMPOUNDS						
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.5	J		6.69	ug/L
	unknown6.849	35.2	J		6.85	ug/L
	unknown7.108	250	J		7.11	ug/L
	unknown7.55	63.5	J		7.55	ug/L
000077-73-6	Dicyclopentadiene	27.8	J		7.71	ug/L
000496-11-7	Indane	15.0	J		7.80	ug/L
000141-93-5	Benzene, 1,3-diethyl-	46.8	J		7.93	ug/L

Raw Data: **BP025124.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000105-05-5	Benzene, 1,4-diethyl-	31.0	J		8.07	ug/L
000135-01-3	Benzene, 1,2-diethyl-	9.50	J		8.12	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	56.7	J		8.38	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	35.1	J		8.43	ug/L
000527-84-4	o-Cymene	7.70	J		8.85	ug/L
076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetra	27.7	J		9.04	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	33.2	J		9.10	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	26.3	J		9.45	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	57.6	J		9.60	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	6.60	J		10.3	ug/L
000698-71-5	Phenol, 3-ethyl-5-methyl-	7.40	J		10.8	ug/L
017496-18-3	1H-Inden-1-ol, 2,3-dihydro-2-methy	6.50	J		11.4	ug/L
90-12-0	1-Methylnaphthalene	43.7	J		12.1	ug/L
000119-61-9	Benzophenone	7.60	J		15.5	ug/L

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Time: Jul 14 18:06:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

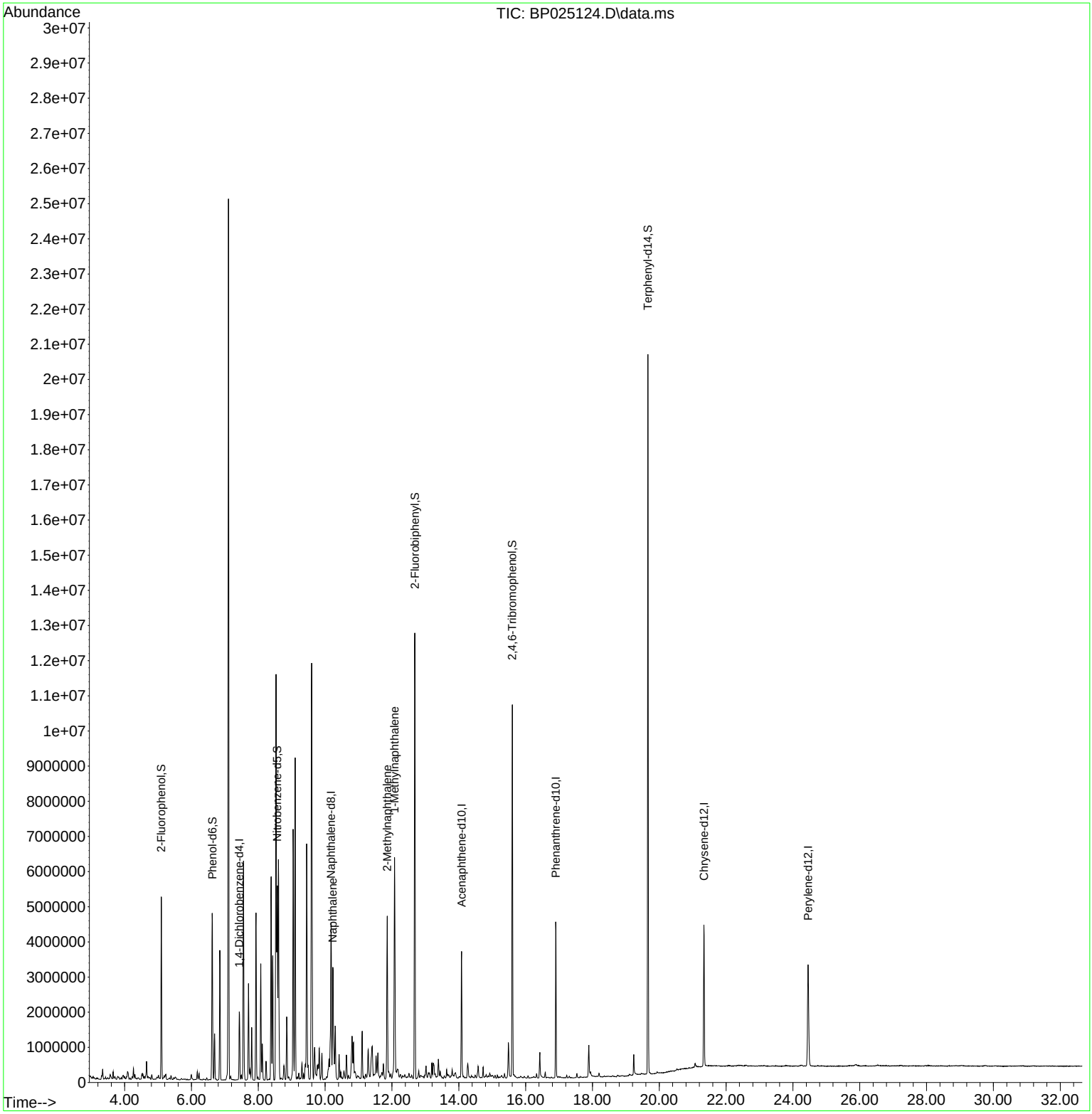
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	556276	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	2052325	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1263038	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2404786	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2404592	20.000	ng	0.00
86) Perylene-d12	24.454	264	2753561	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2223550	70.825	ng	0.00
7) Phenol-d6	6.625	99	1744889	42.589	ng	0.00
23) Nitrobenzene-d5	8.566	82	3049824	98.829	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2263792	151.722	ng	-0.02
45) 2-Fluorobiphenyl	12.684	172	7358512	90.255	ng	-0.01
79) Terphenyl-d14	19.660	244	10816787	98.865	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.225	128	1588756	15.034	ng	98
37) 2-Methylnaphthalene	11.860	142	1687268	22.628	ng	99
38) 1-Methylnaphthalene	12.078	142	3146109	43.263	ng	99

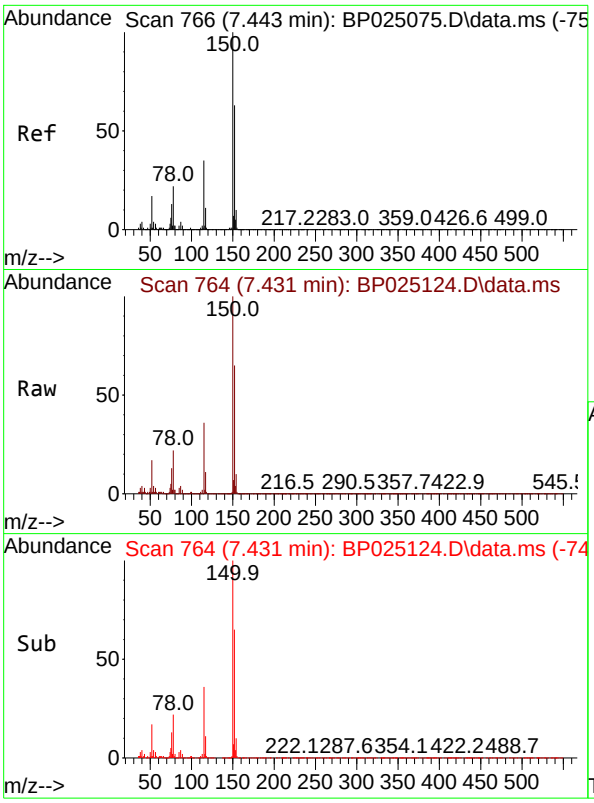
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Time: Jul 14 18:06:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



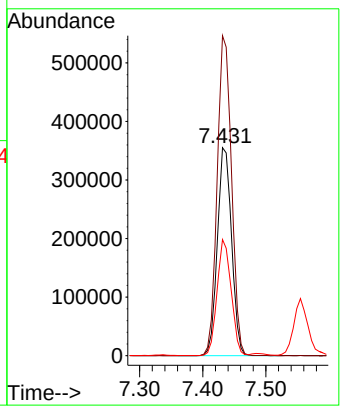


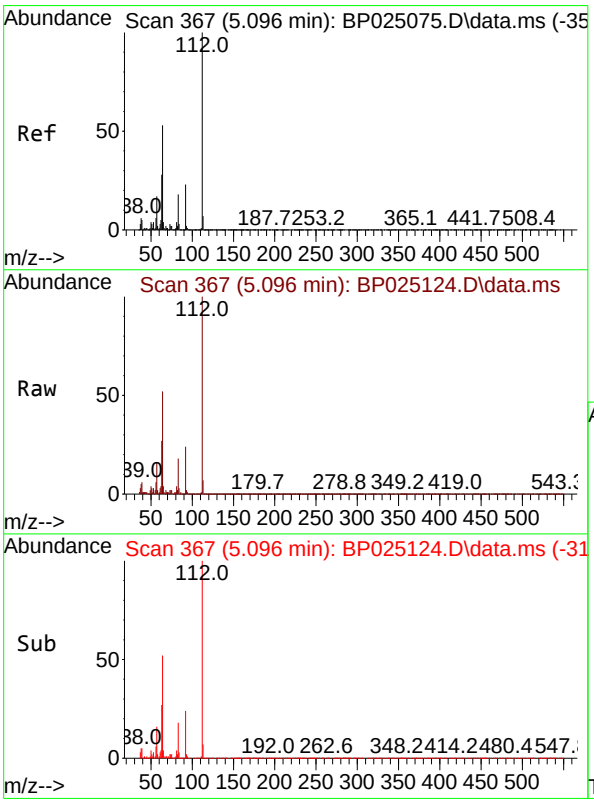
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:152 Resp: 556276

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.1	189.1
115	55.8	44.3	66.5

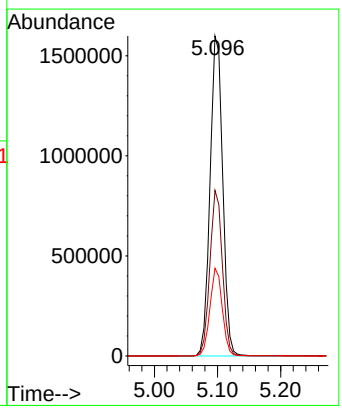


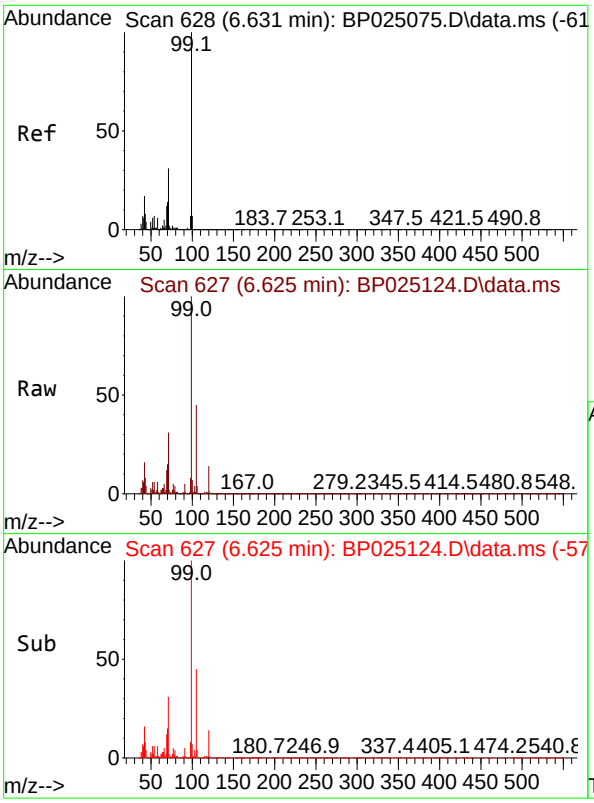


#5
2-Fluorophenol
Concen: 70.825 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:112 Resp: 2223550

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	27.4	22.2	33.2



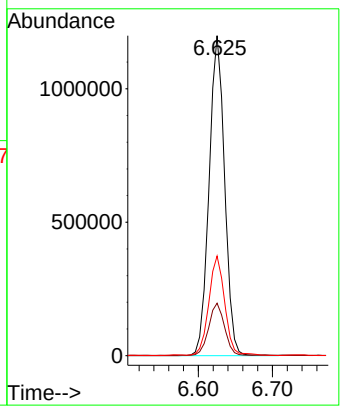


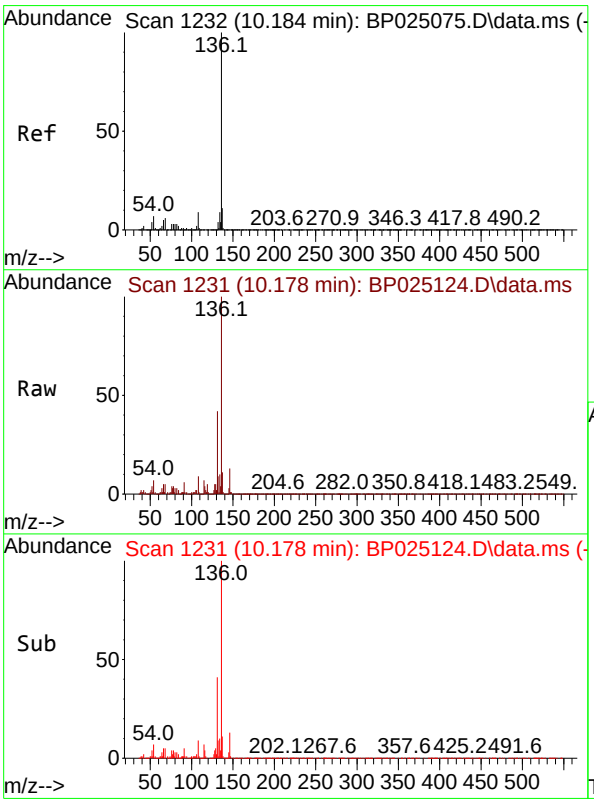
#7
Phenol-d6
Concen: 42.589 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion: 99 Resp: 1744889

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.1	24.4	36.6

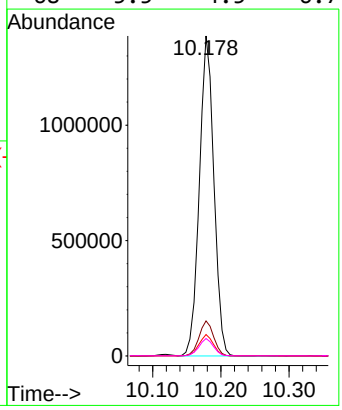


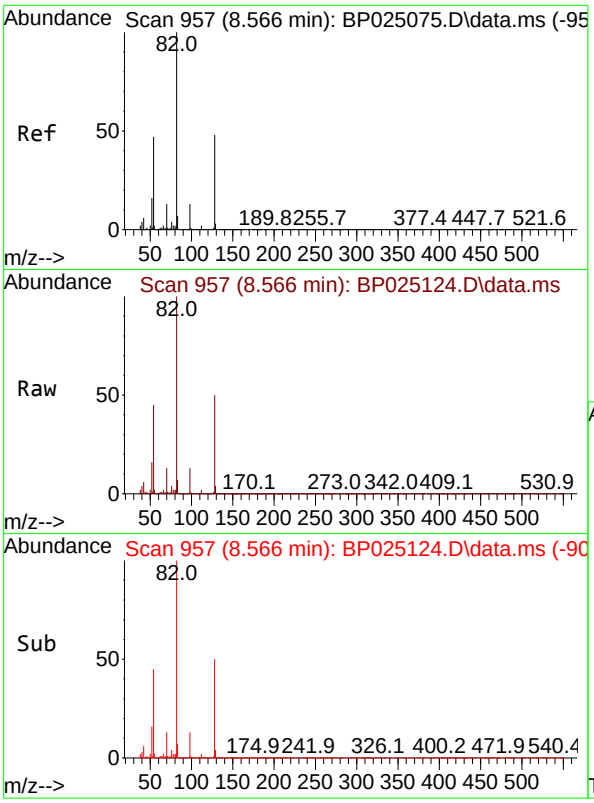


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:136 Resp: 2052325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7



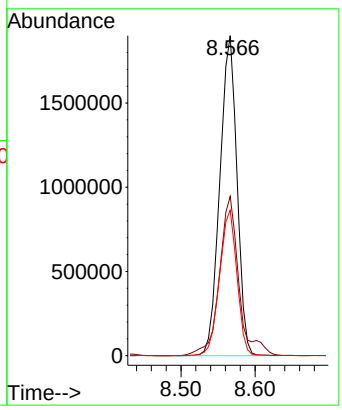


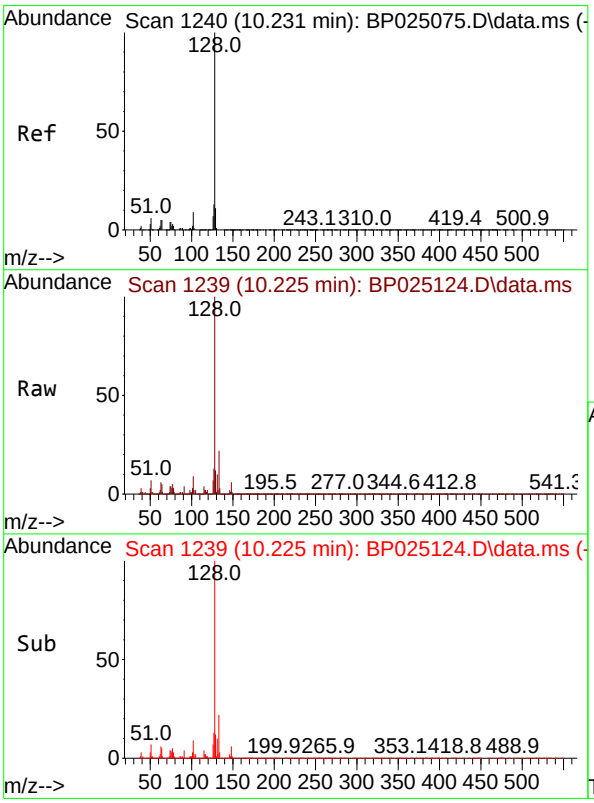
#23
Nitrobenzene-d5
Concen: 98.829 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion: 82 Resp: 3049824

Ion	Ratio	Lower	Upper
82	100		
128	49.8	38.4	57.6
54	45.5	37.8	56.6

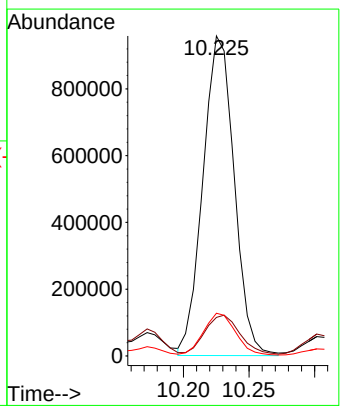


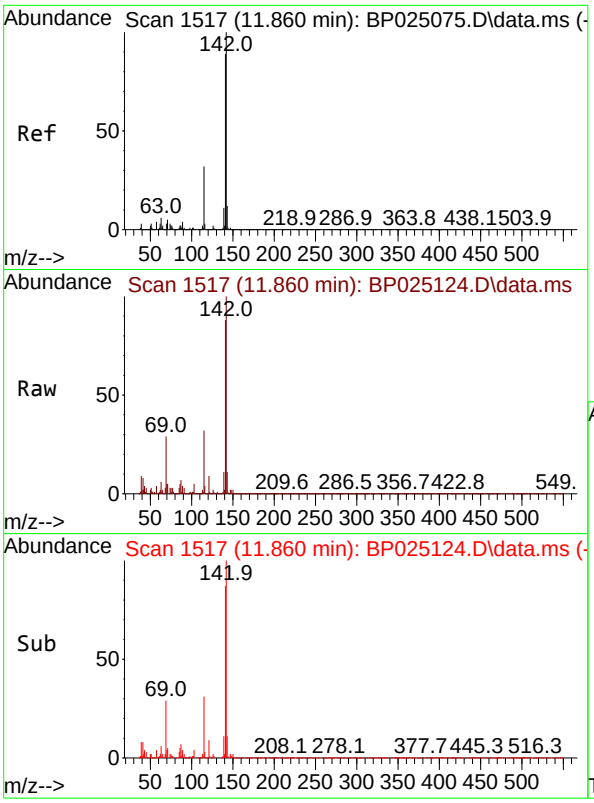


#31
Naphthalene
Concen: 15.034 ng
RT: 10.225 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:128 Resp: 1588756

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.4	10.4	15.6



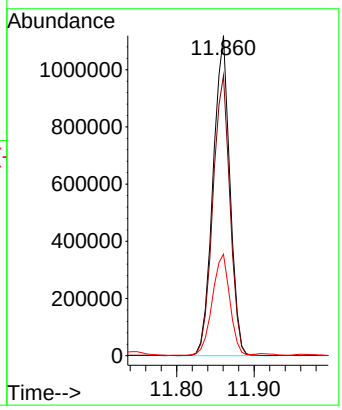


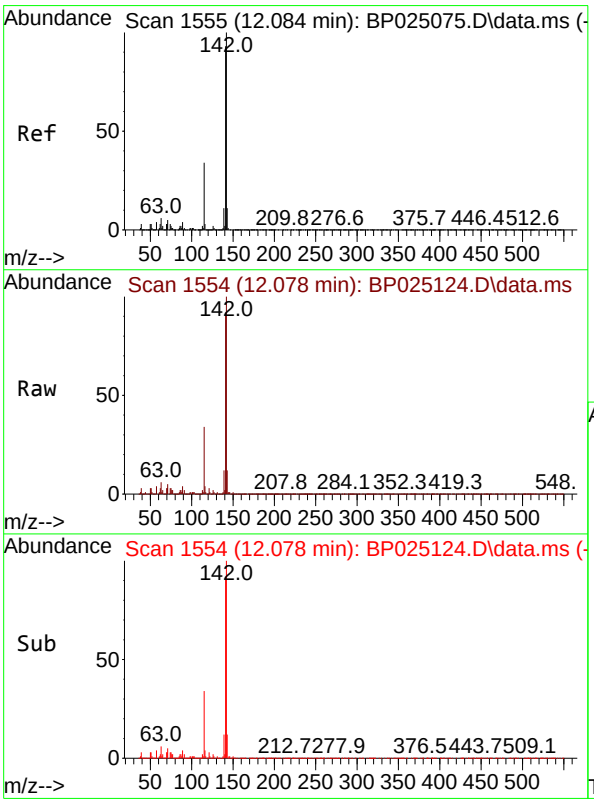
#37
2-Methylnaphthalene
Concen: 22.628 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:142 Resp: 1687268

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.2	106.8
115	31.7	25.9	38.9

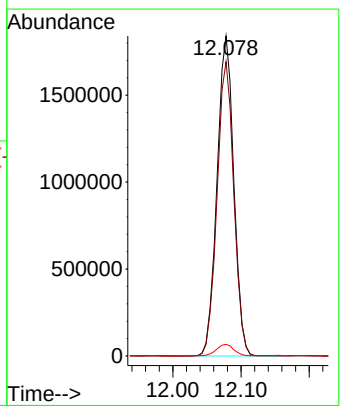


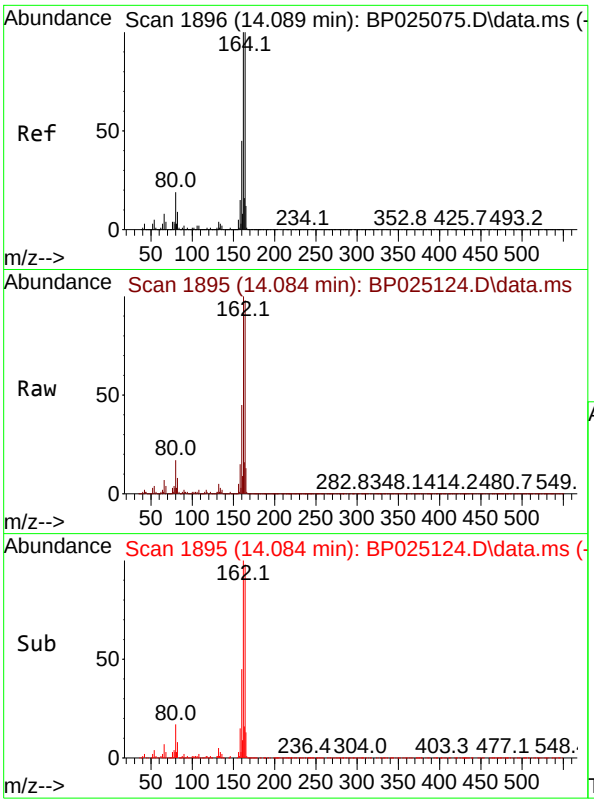


#38
1-Methylnaphthalene
Concen: 43.263 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:142 Resp: 3146109

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.1	111.1
116	3.6	2.7	4.1



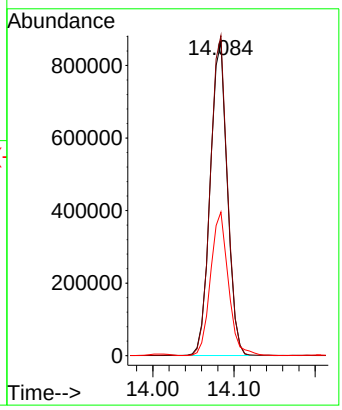


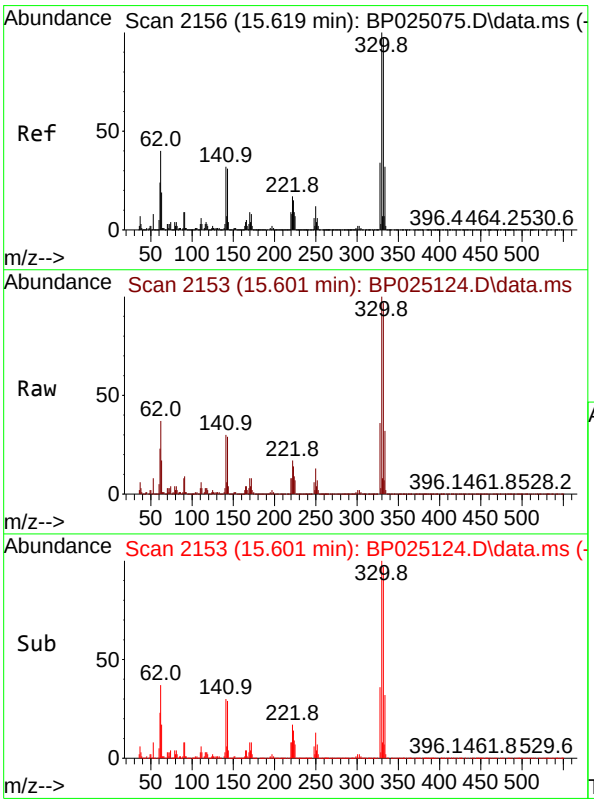
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:164 Resp: 1263038

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.3	120.5
160	45.8	35.9	53.9

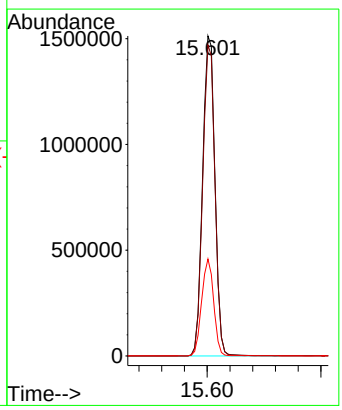


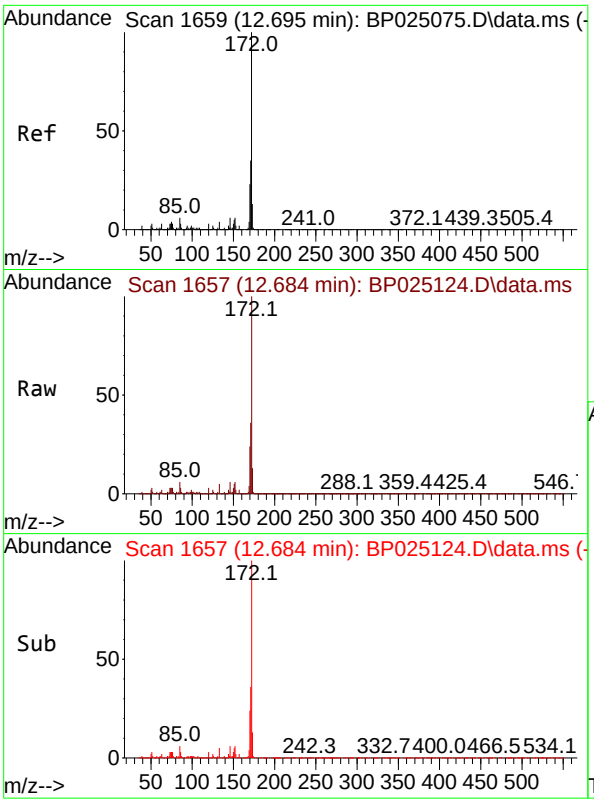


#42
2,4,6-Tribromophenol
Concen: 151.722 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:330 Resp: 2263792

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	29.6	26.0	39.0



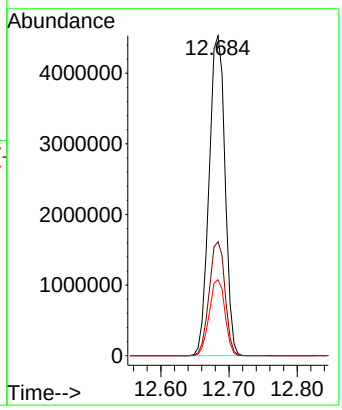


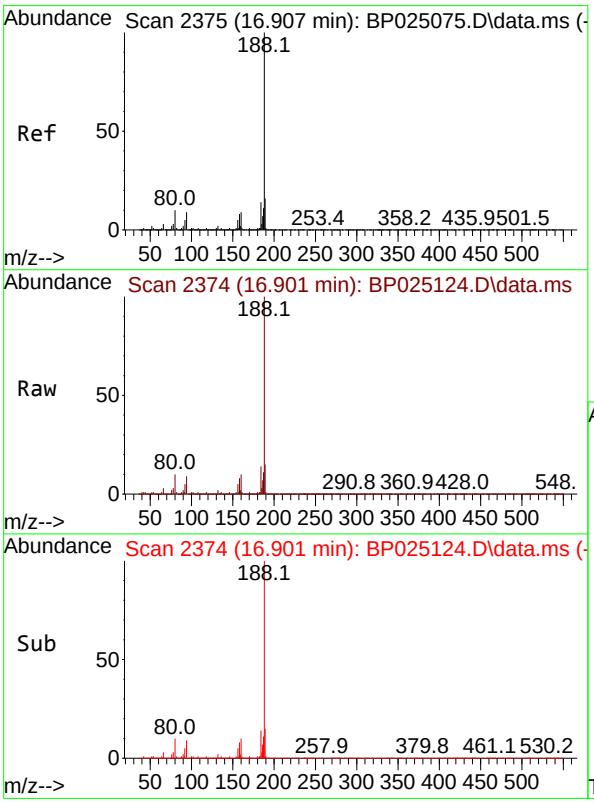
#45
2-Fluorobiphenyl
Concen: 90.255 ng
RT: 12.684 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:172 Resp: 7358512

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.8	18.7	28.1

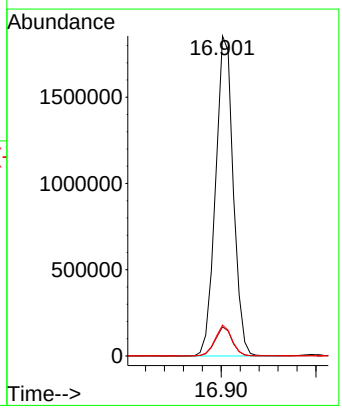


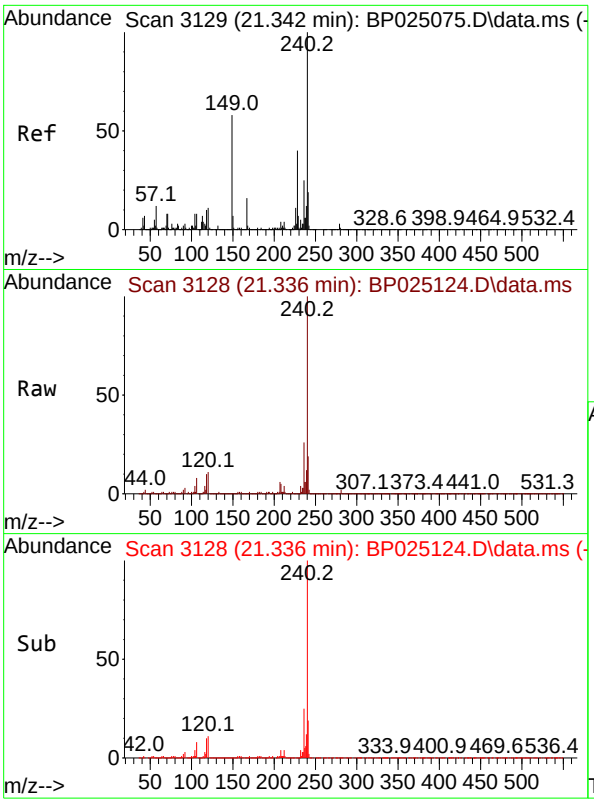


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:188 Resp: 2404786

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.6	7.8	11.6



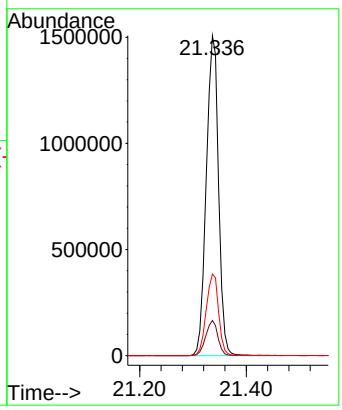


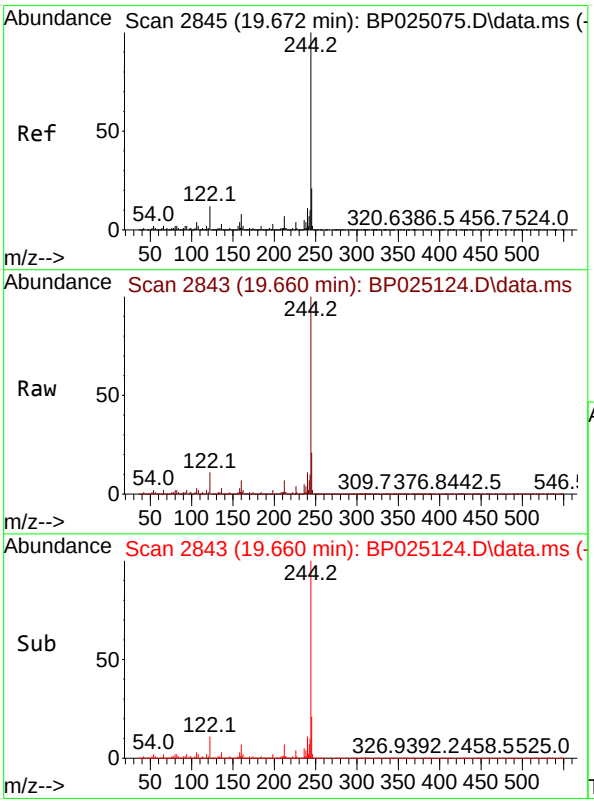
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:240 Resp: 2404592

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.5	20.3	30.5

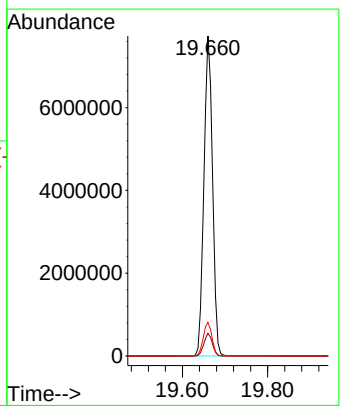


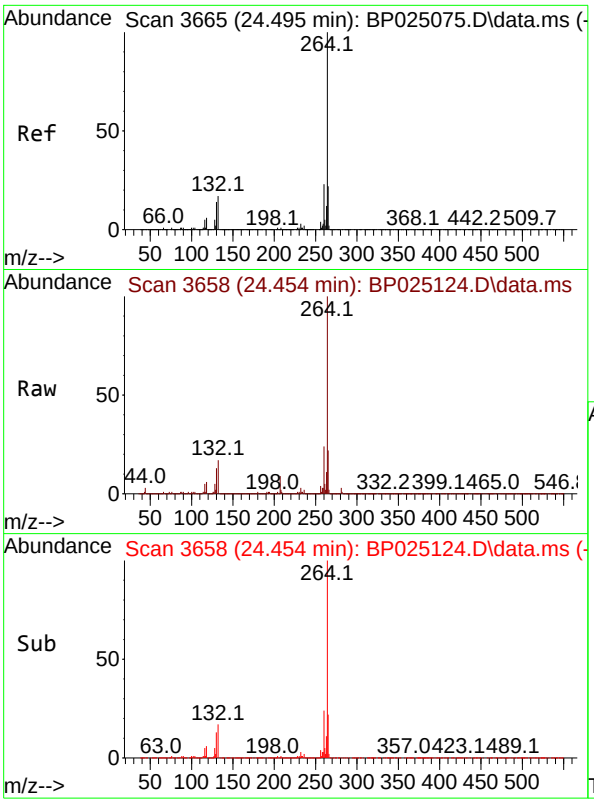


#79
Terphenyl-d14
Concen: 98.865 ng
RT: 19.660 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:244 Resp:10816787

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.5	9.4	14.2



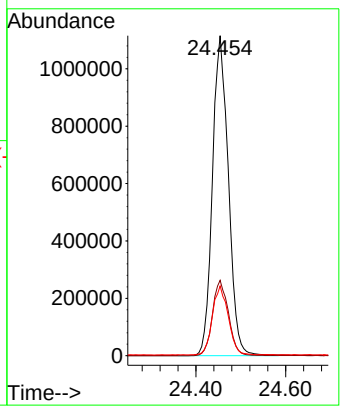


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion:264 Resp: 2753561

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.8	17.7	26.5



Sample Results: **BP025124.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.343	65	69	74	rVB3	275716	391871	1.04%	0.106%
2	4.084	192	195	204	rVB3	220837	486492	1.29%	0.131%
3	4.655	284	292	297	rBV	482204	713062	1.90%	0.192%
4	5.096	361	367	374	rVB	5184688	7120249	18.94%	1.922%
5	6.619	619	626	633	rBV2	4739267	8199559	21.81%	2.213%
6	6.690	633	638	644	rVB	1300391	1888851	5.03%	0.510%
7	6.849	659	665	674	rVB	3692267	5317059	14.15%	1.435%
8	7.108	693	709	715	rBV	25070614	37587374	100.00%	10.146%
9	7.431	755	764	770	rBV	1937871	3055551	8.13%	0.825%
10	7.555	778	785	798	rVB	6236960	9601216	25.54%	2.592%
11	7.708	799	811	816	rBV	2749329	4203557	11.18%	1.135%
12	7.749	816	818	822	rVV	286965	412523	1.10%	0.111%
13	7.802	822	827	841	rVB	1501656	2272854	6.05%	0.613%
14	7.931	841	849	855	rBV	4763926	7080544	18.84%	1.911%
15	8.072	867	873	878	rBV	3296470	4693608	12.49%	1.267%
16	8.119	878	881	891	rVB	1030498	1442041	3.84%	0.389%
17	8.231	894	900	907	rBV	541920	828346	2.20%	0.224%
18	8.384	919	926	930	rBV	5777288	8575788	22.82%	2.315%
19	8.431	930	934	941	rVB	3538099	5311081	14.13%	1.434%
20	8.531	943	951	954	rBV	11544265	18343738	48.80%	4.951%
21	8.566	954	957	960	rVV	5510888	8396250	22.34%	2.266%
22	8.602	960	963	972	rVB2	6254149	10023383	26.67%	2.706%
23	8.766	984	991	999	rVB3	401945	794839	2.11%	0.215%
24	8.849	999	1005	1012	rBV2	1785972	3031325	8.06%	0.818%
25	9.043	1024	1038	1043	rBV	7142462	10941430	29.11%	2.953%
26	9.102	1043	1048	1055	rVB	9145806	13134964	34.95%	3.545%
27	9.308	1077	1083	1087	rVB	454412	701274	1.87%	0.189%
28	9.408	1094	1100	1102	rBV2	419384	744202	1.98%	0.201%
29	9.449	1102	1107	1112	rVV	6686745	10400601	27.67%	2.807%
30	9.484	1112	1113	1121	rVB2	407762	464796	1.24%	0.125%
31	9.596	1123	1132	1141	rBV2	11839492	22793891	60.64%	6.153%
32	9.684	1141	1147	1157	rVV3	912614	2022978	5.38%	0.546%
33	9.766	1157	1161	1163	rVV2	399176	645210	1.72%	0.174%
34	9.825	1167	1171	1176	rVV	889928	1432997	3.81%	0.387%
35	9.902	1176	1184	1190	rVB	760945	1305903	3.47%	0.352%
36	10.119	1211	1221	1223	rBV2	530590	1166032	3.10%	0.315%

Sample Results: **BP025124.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.178	1223	1231	1235	rVV2	4403820	7989794	21.26%	2.157%
38	10.231	1235	1240	1248	rVV2	3136167	6833846	18.18%	1.845%
39	10.302	1248	1252	1263	rVB	1533264	2599290	6.92%	0.702%
40	10.419	1263	1272	1276	rBV	721809	1134986	3.02%	0.306%
41	10.560	1289	1296	1303	rBV2	221043	459575	1.22%	0.124%
42	10.637	1303	1309	1315	rVB	675873	1105963	2.94%	0.299%
43	10.807	1327	1338	1342	rBV2	1204064	2914209	7.75%	0.787%
44	10.849	1342	1345	1349	rVB	871840	1215835	3.23%	0.328%
45	11.107	1382	1389	1394	rBV	1347274	1967054	5.23%	0.531%
46	11.290	1412	1420	1428	rVV	804242	1564916	4.16%	0.422%
47	11.407	1428	1440	1446	rVV5	871376	2584514	6.88%	0.698%
48	11.525	1454	1460	1464	rBV	524217	843287	2.24%	0.228%
49	11.578	1464	1469	1474	rVB	654114	979224	2.61%	0.264%
50	11.743	1493	1497	1506	rVB2	435043	824117	2.19%	0.222%
51	11.860	1506	1517	1523	rBV2	4643595	8012654	21.32%	2.163%
52	12.078	1540	1554	1562	rBV2	6275812	12154875	32.34%	3.281%
53	12.160	1565	1568	1578	rVV5	261057	796702	2.12%	0.215%
54	12.684	1649	1657	1664	rVB	12684305	20561799	54.70%	5.550%
55	12.801	1666	1677	1681	rBV5	219810	440537	1.17%	0.119%
56	13.019	1709	1714	1721	rVB3	331006	542932	1.44%	0.147%
57	13.196	1738	1744	1747	rBV	436382	666551	1.77%	0.180%
58	13.237	1747	1751	1758	rVV2	351657	826062	2.20%	0.223%
59	13.390	1771	1777	1782	rBV	506986	833488	2.22%	0.225%
60	13.901	1856	1864	1873	rVB4	148609	461935	1.23%	0.125%
61	14.084	1888	1895	1903	rBV	3581434	5422474	14.43%	1.464%
62	14.266	1919	1926	1934	rBV4	404425	904311	2.41%	0.244%
63	14.578	1971	1979	1991	rBV	332418	714966	1.90%	0.193%
64	14.731	2000	2005	2011	rVB2	298550	396389	1.05%	0.107%
65	15.484	2123	2133	2142	rBV2	1011768	2030612	5.40%	0.548%
66	15.601	2147	2153	2160	rBV	10572604	15529240	41.32%	4.192%
67	16.425	2287	2293	2308	rBV	728848	1264944	3.37%	0.341%
68	16.901	2368	2374	2380	rBV	4436842	5806227	15.45%	1.567%
69	17.889	2535	2542	2548	rBV	908770	1614792	4.30%	0.436%
70	19.236	2766	2771	2783	rBV	578533	909810	2.42%	0.246%
71	19.660	2837	2843	2852	rBV	20457200	28579282	76.03%	7.714%
72	21.336	3122	3128	3136	rVB	4002746	6345042	16.88%	1.713%
73	24.454	3650	3658	3672	rVB	2882298	7121096	18.95%	1.922%

Sum of corrected areas: 370478769

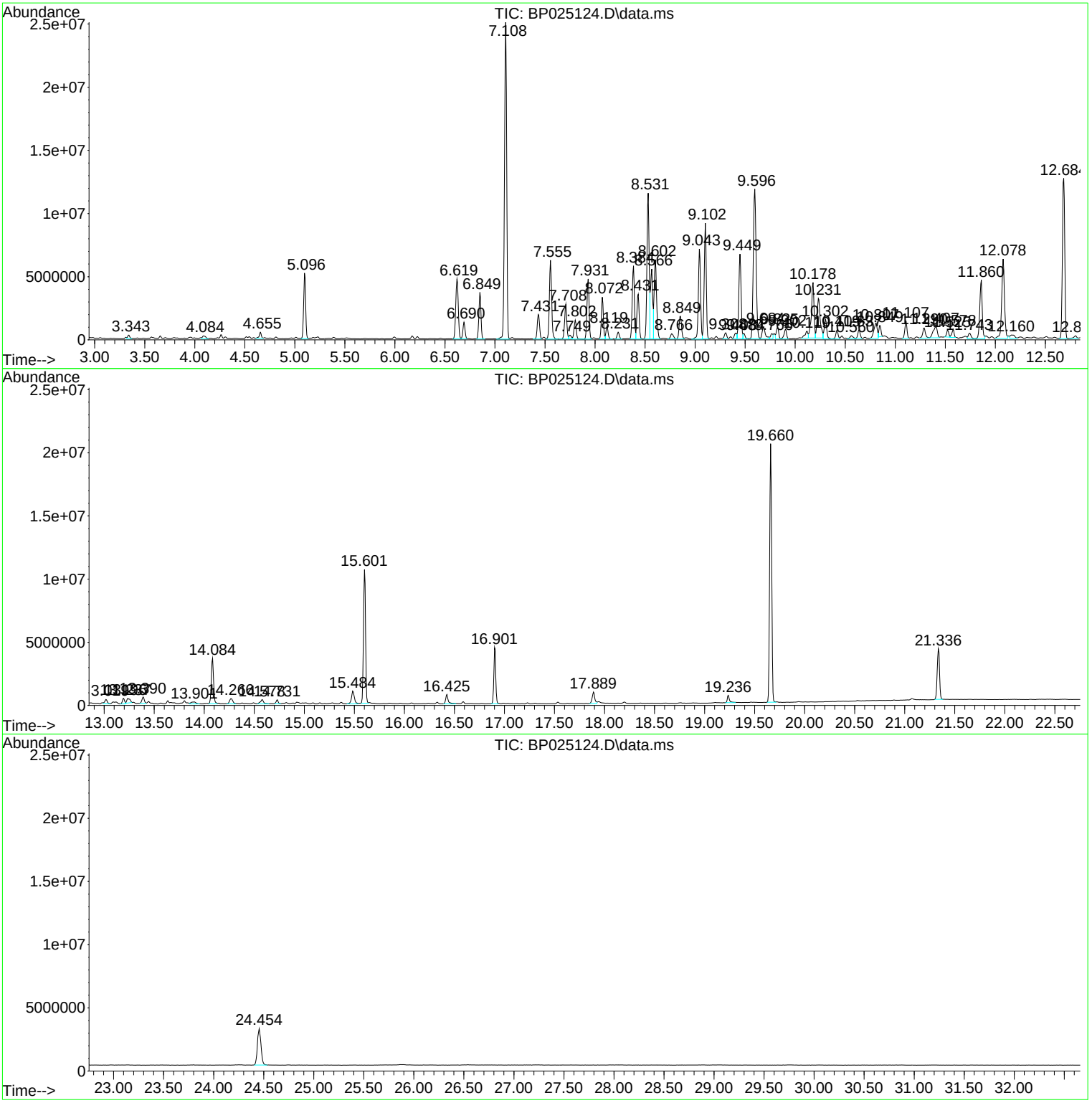
Sample Results: **BP025124.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

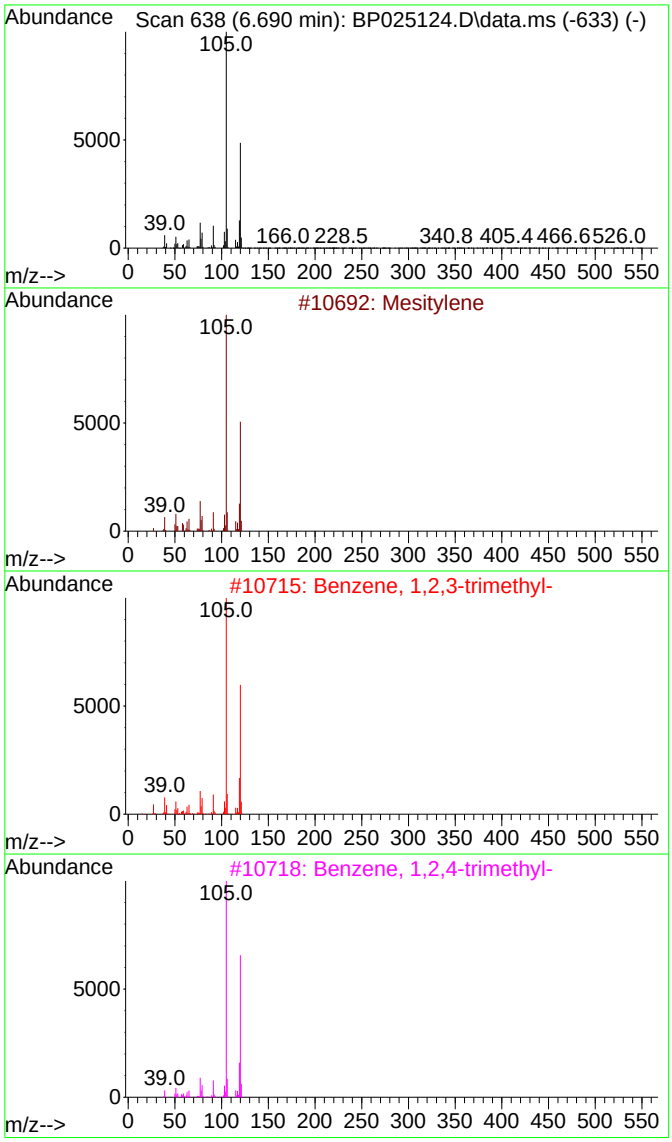
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

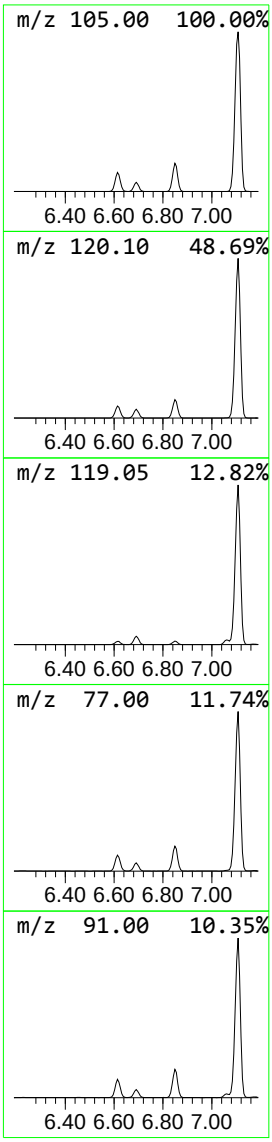
****

Peak Number 1 Mesitylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.690	12.36 ng	1888850	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

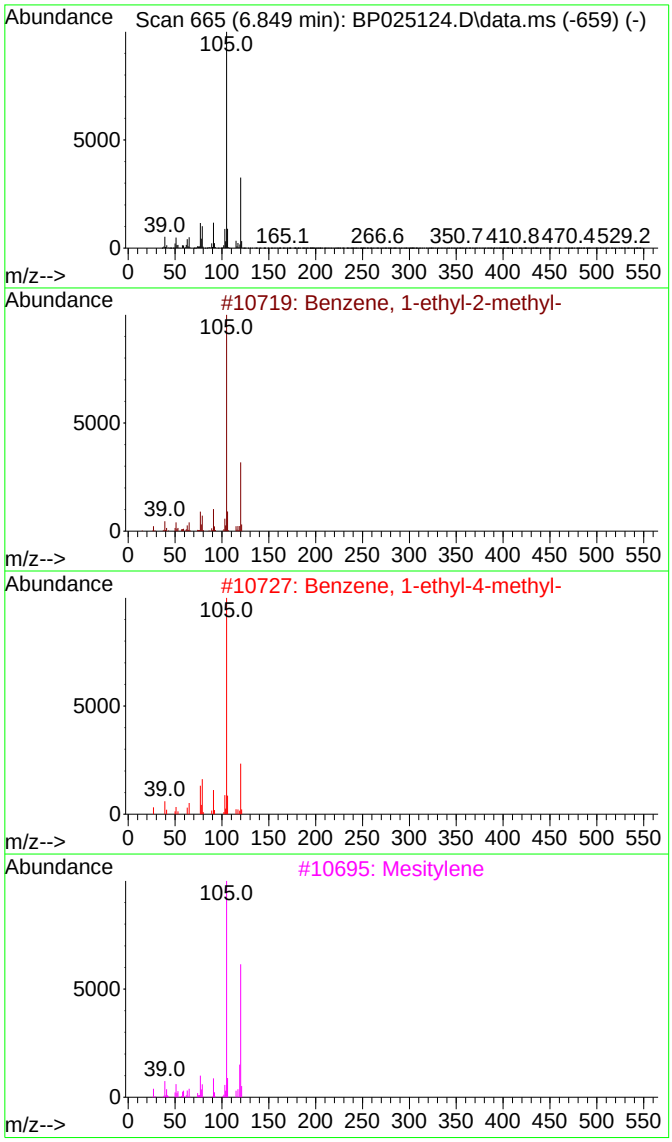
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

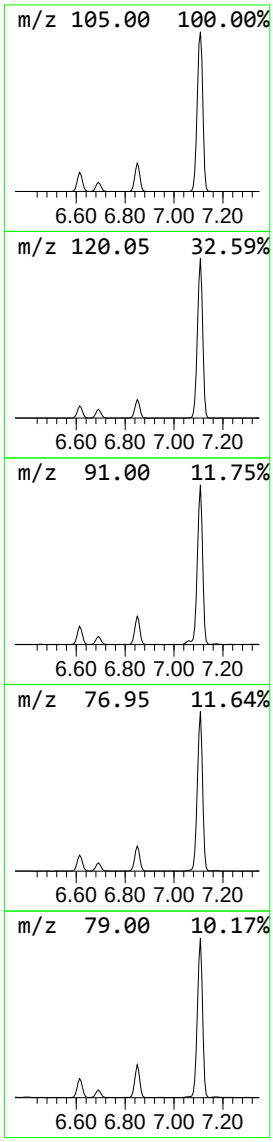
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.849	34.80 ng	5317060	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

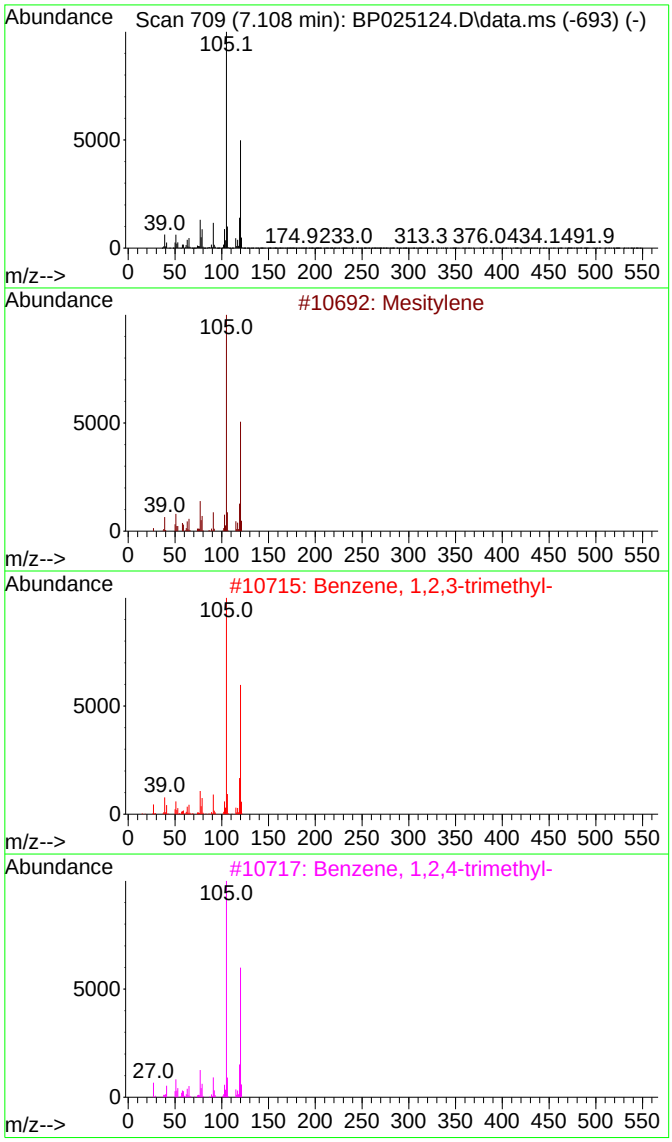
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

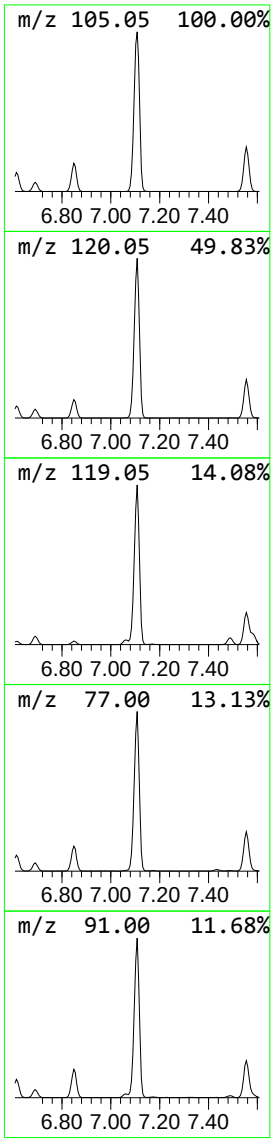
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.108	246.03 ng	37587400	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

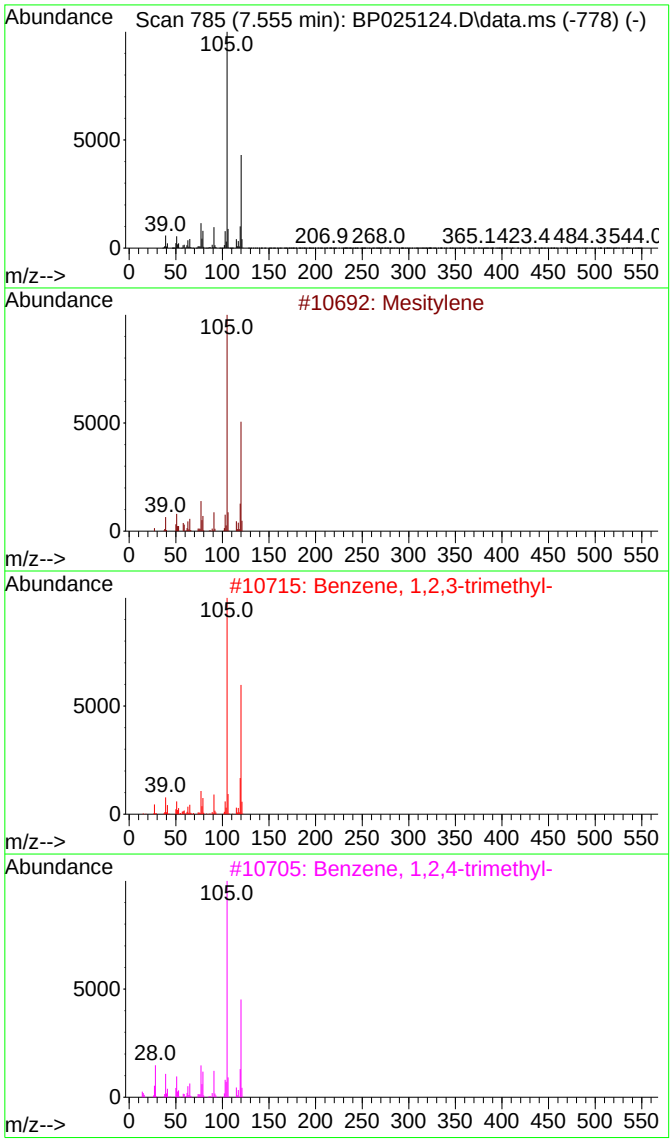
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

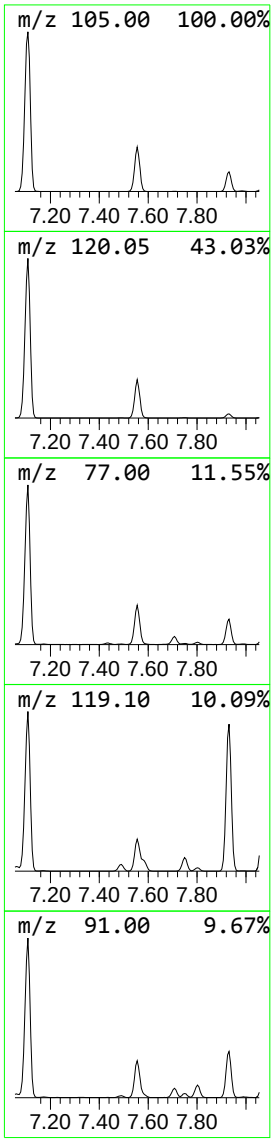
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.555	62.84 ng	9601220	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

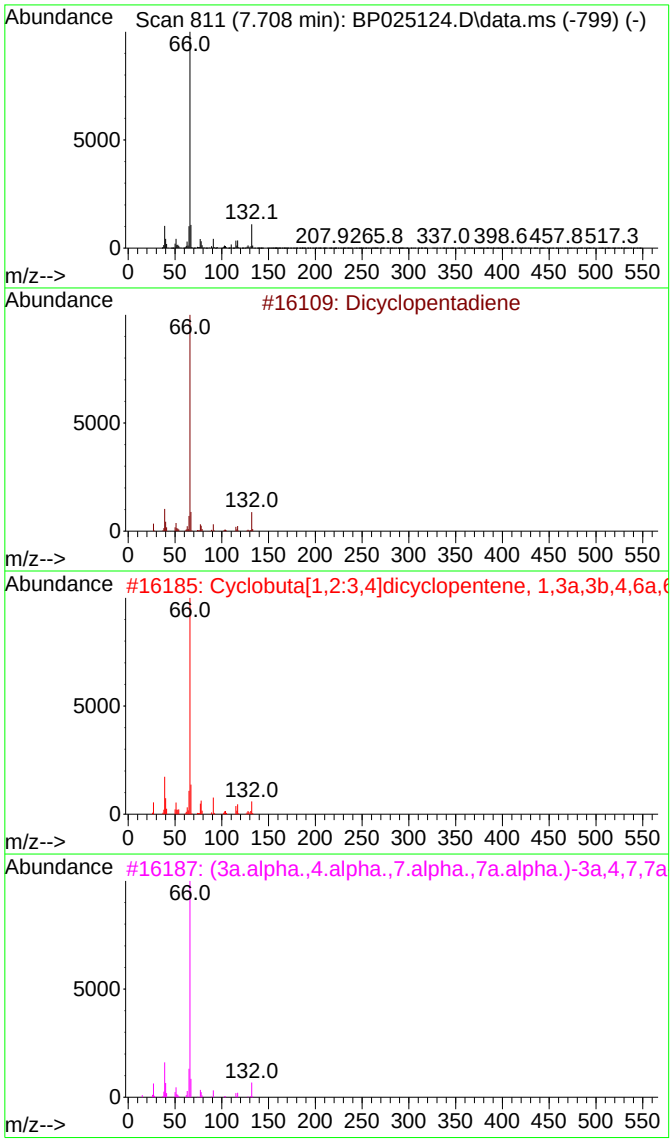
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

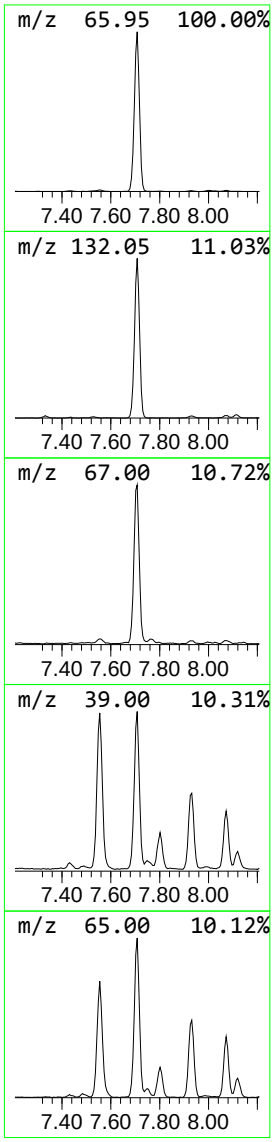
****

Peak Number 5 Dicyclopentadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.708	27.51 ng	4203560	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	91
2	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	91
3	(3a.alpha.,4.alpha.,7.alpha.,7a....	132	C10H12	001755-01-7	91
4	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	90
5	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

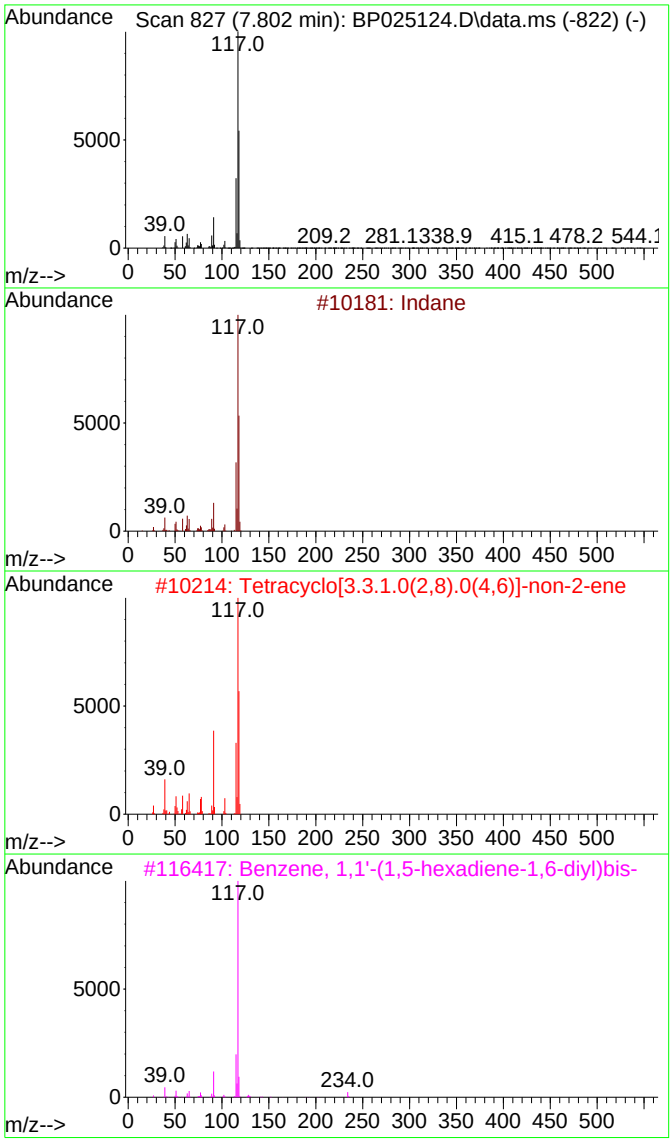
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

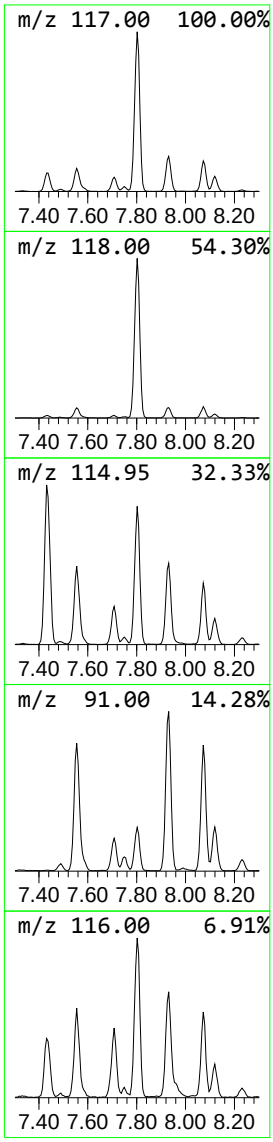
****

Peak Number 6 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.802	14.88 ng	2272850	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Deltacyclene	118	C9H10	007785-10-6	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





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Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

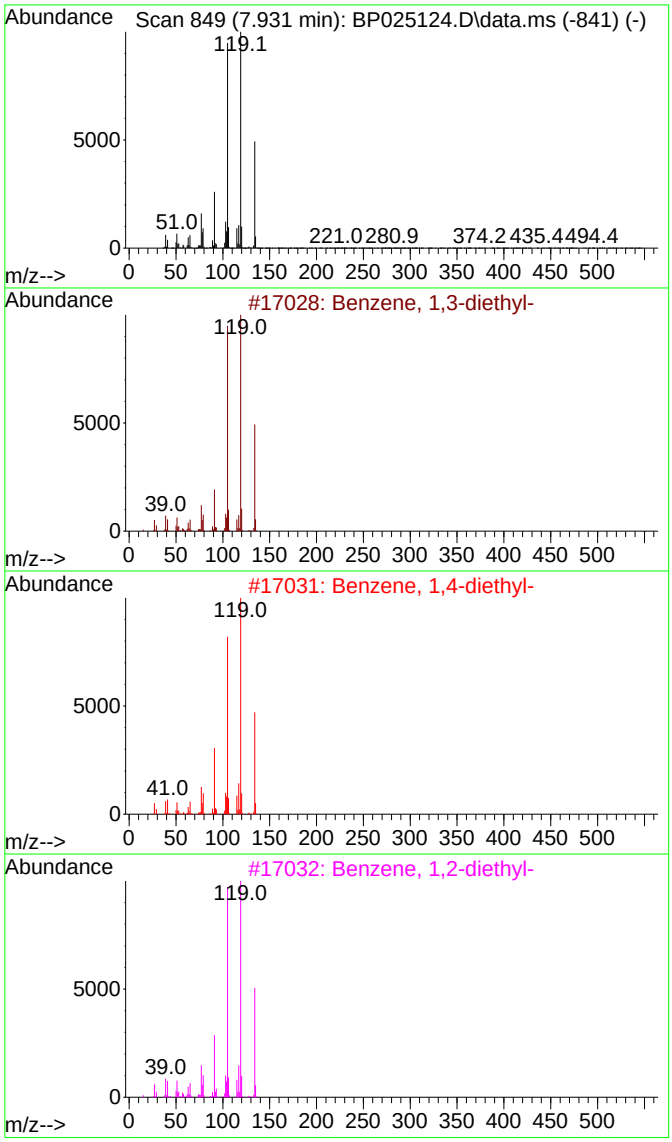
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

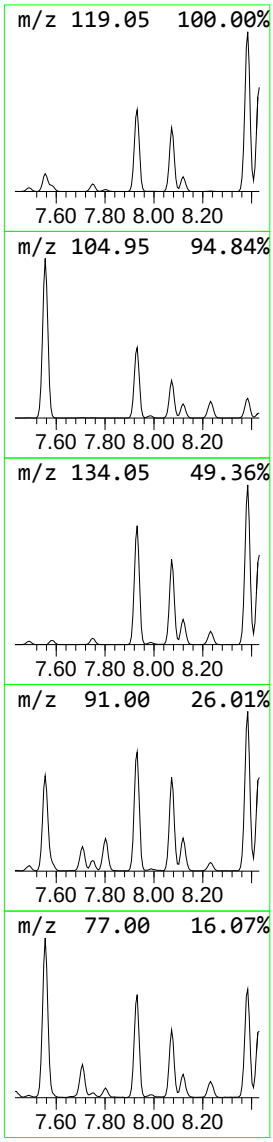
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.931	46.35 ng	7080540	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

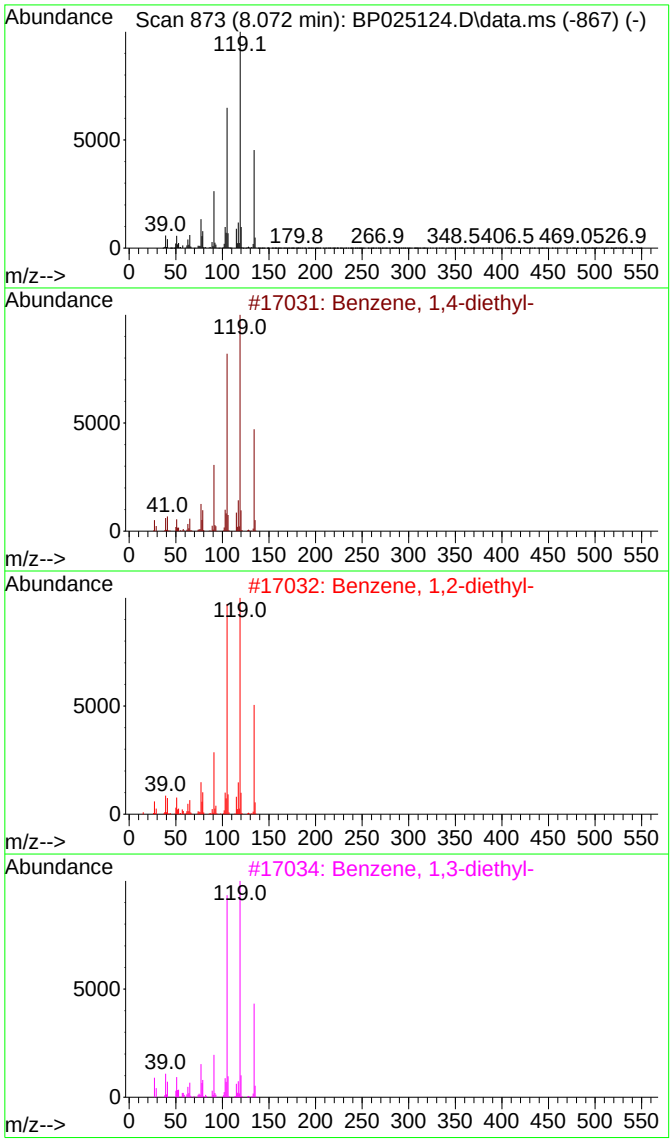
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

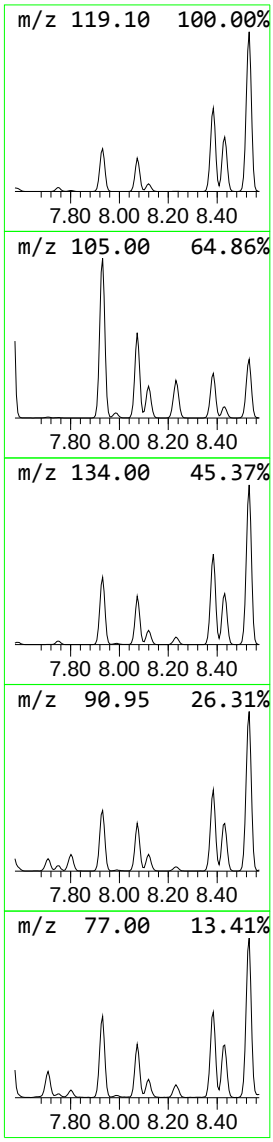
****

Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.072	30.72 ng	4693610	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

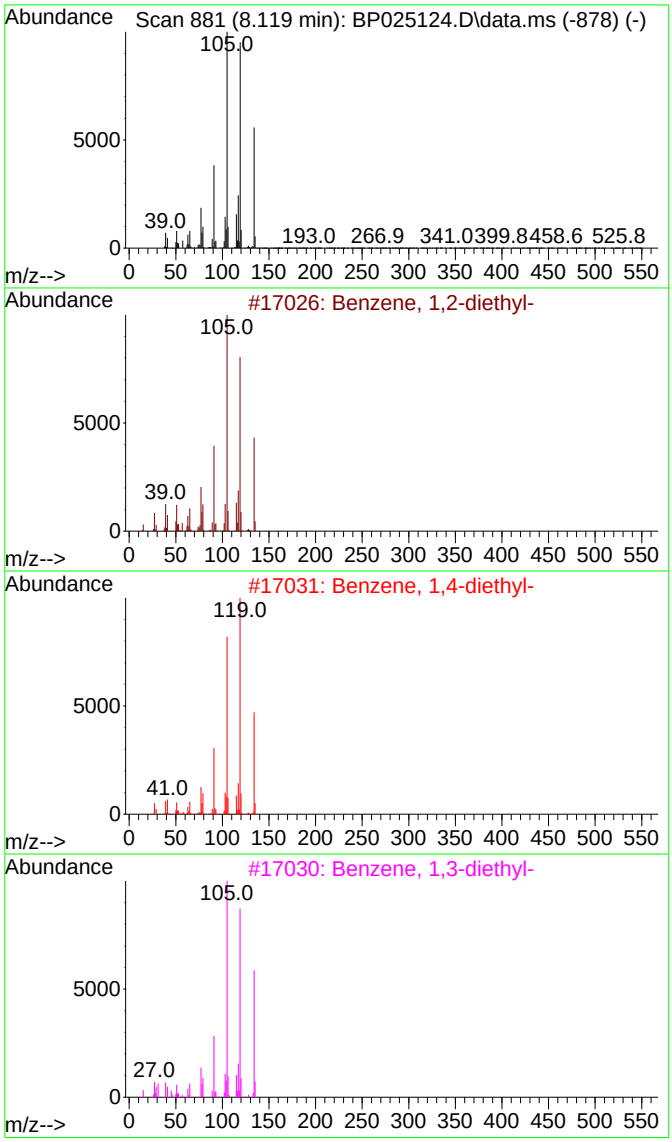
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

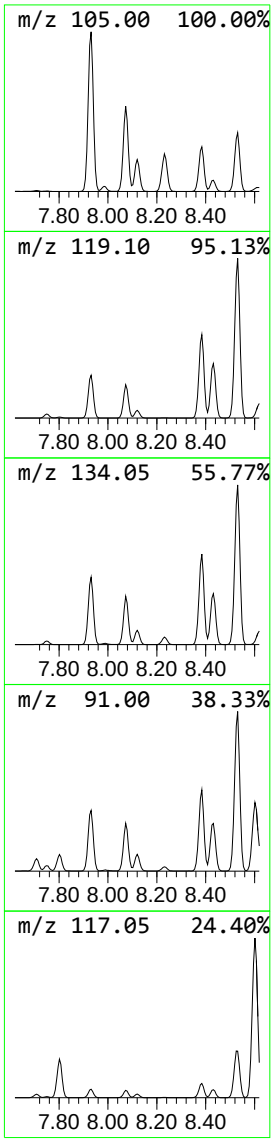
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.119	9.44 ng	1442040	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	83





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Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

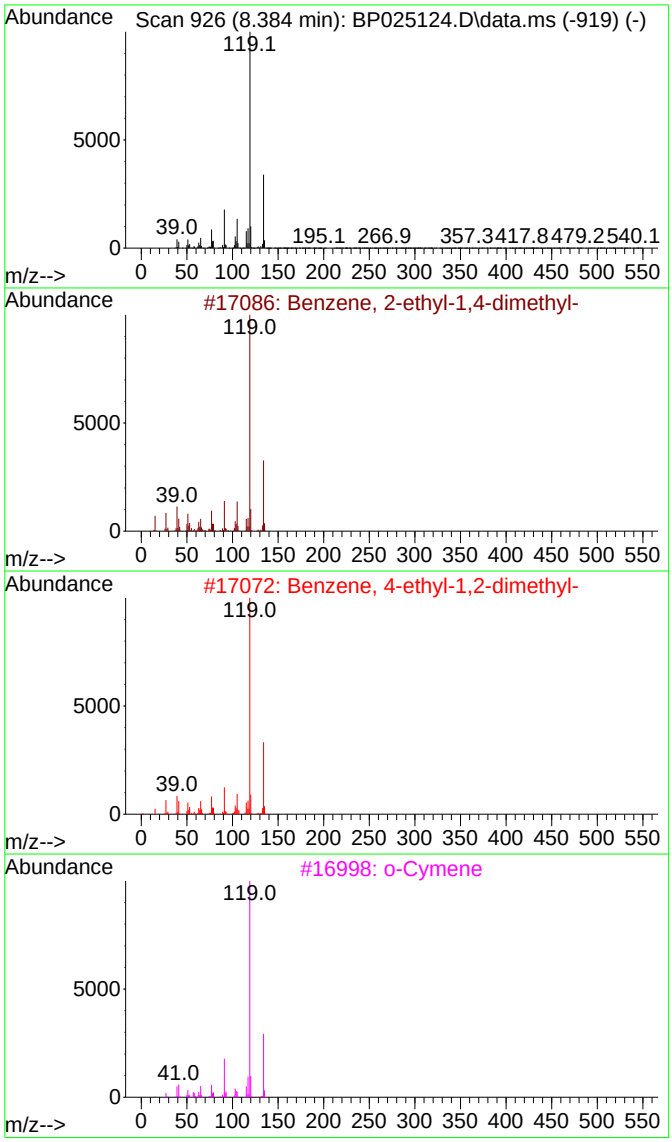
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

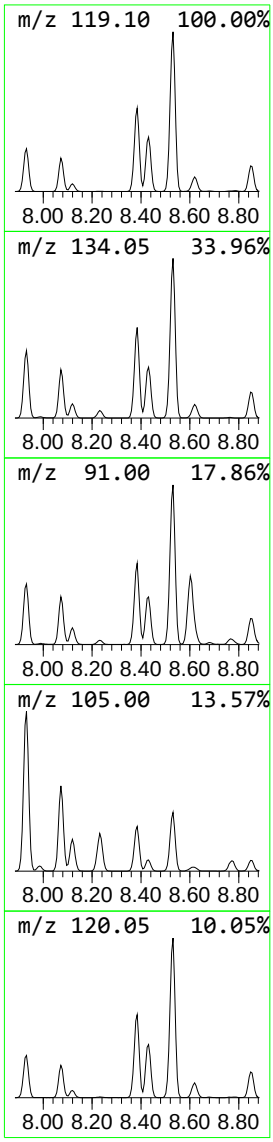
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.384	56.13 ng	8575790	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

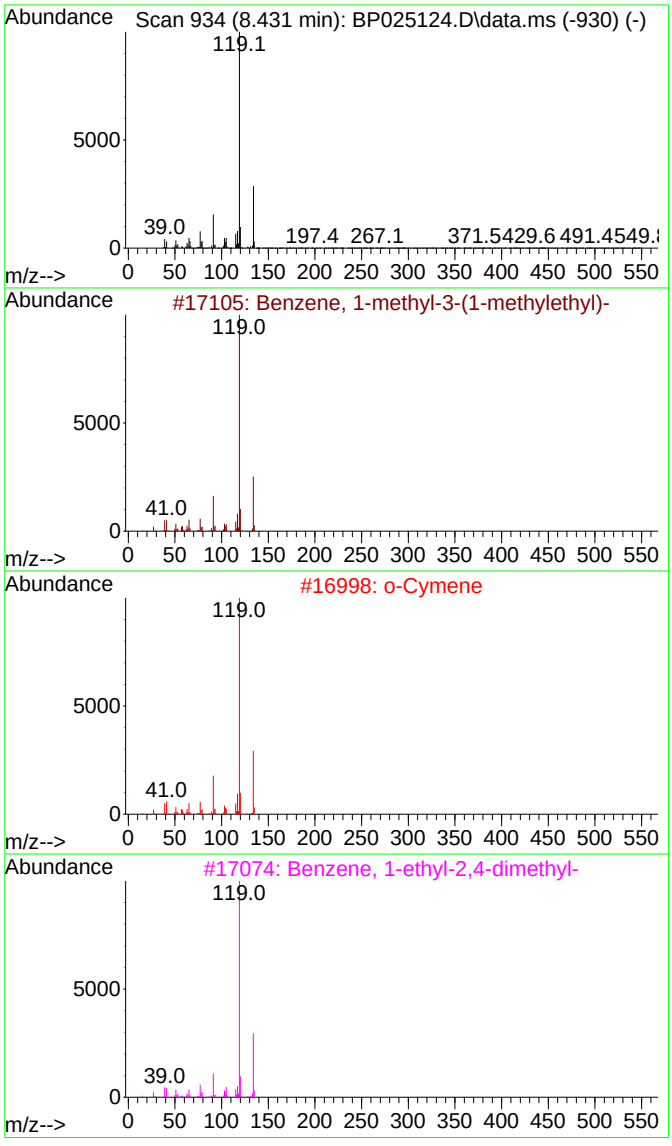
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

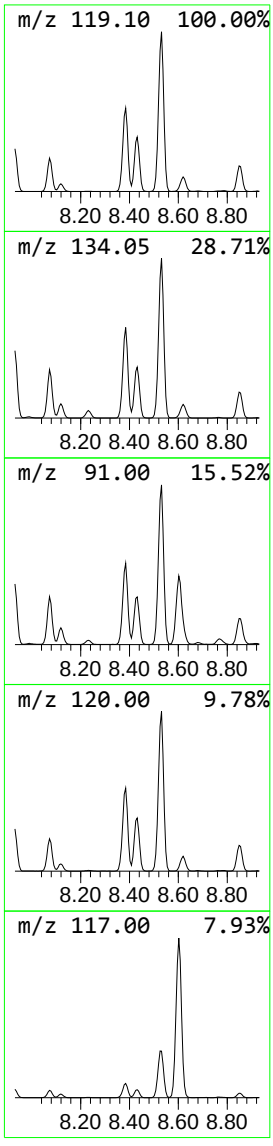
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.431	34.76 ng	5311080	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

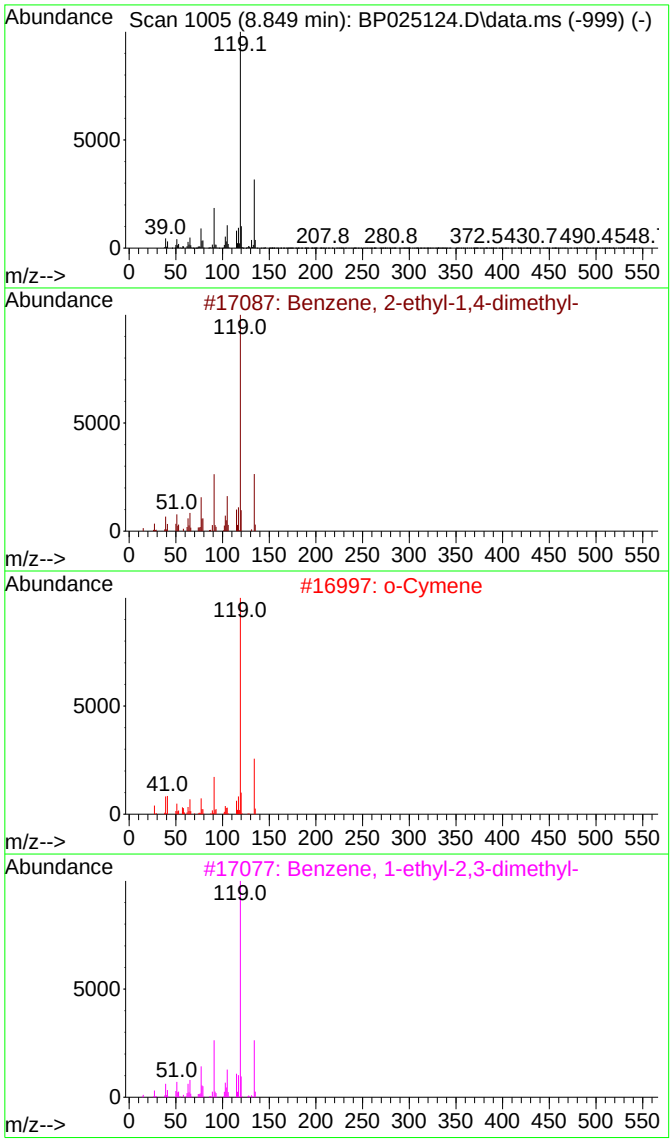
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

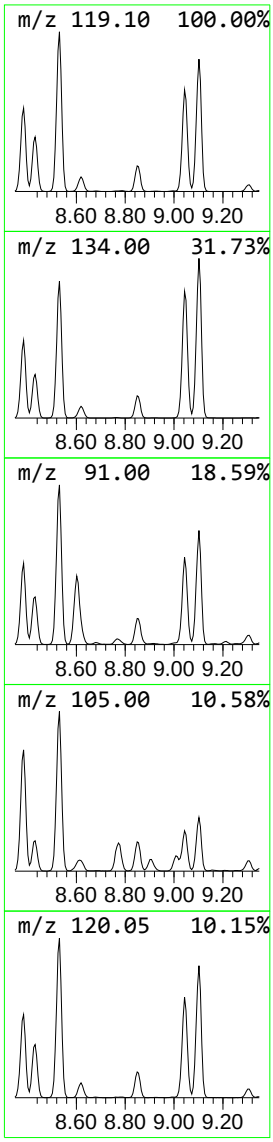
****

Peak Number 12 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.849	7.59 ng	3031330	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

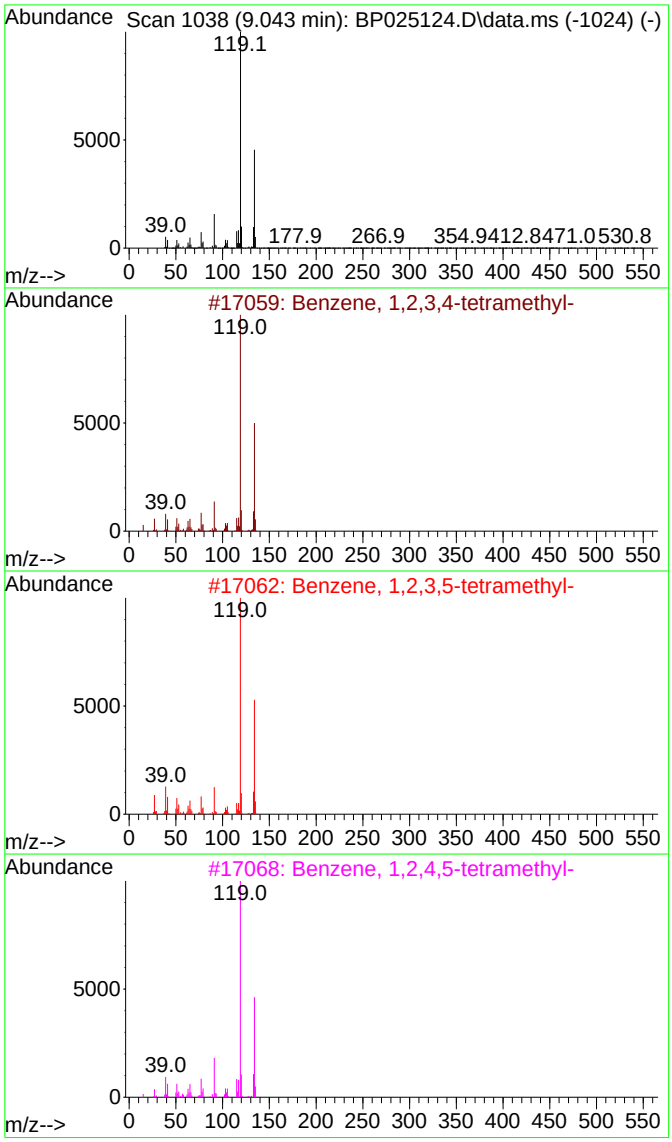
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

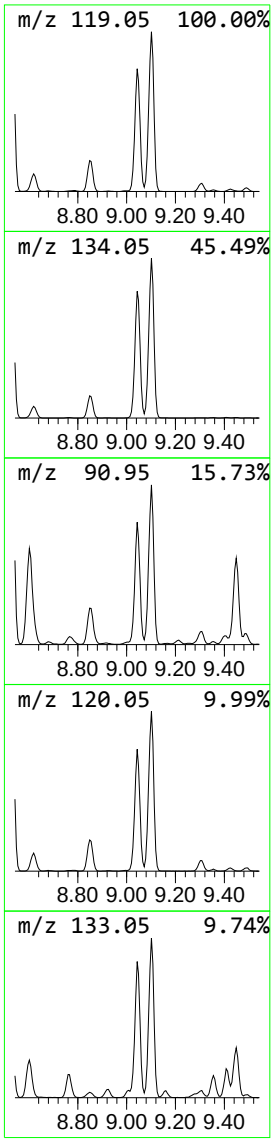
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.043	27.39 ng	10941400	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

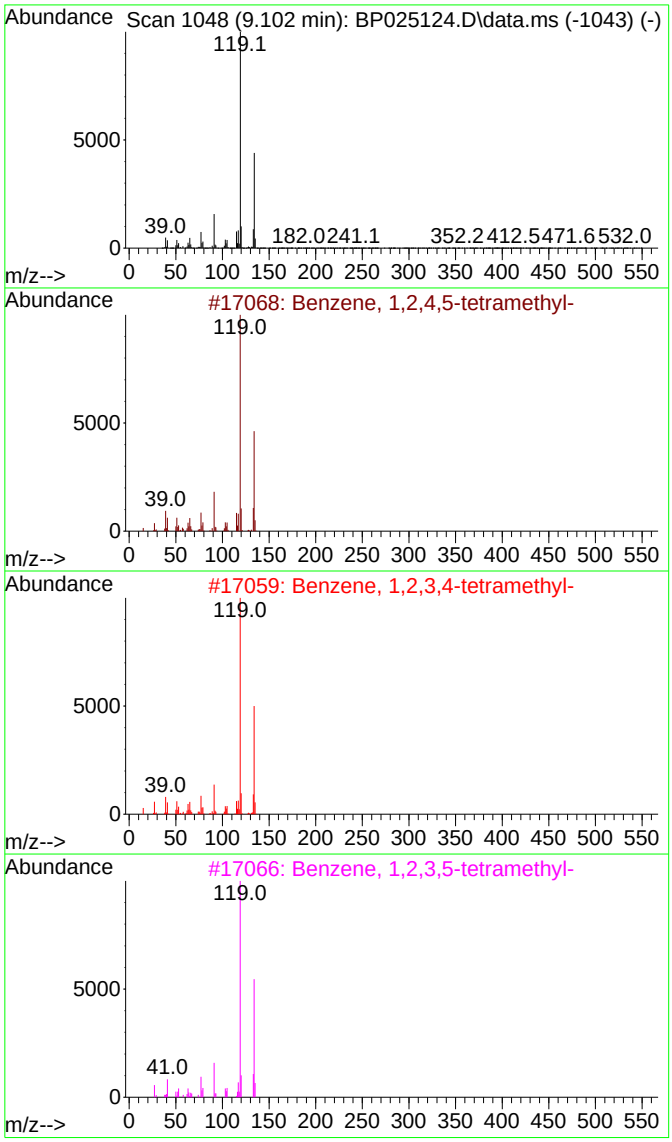
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

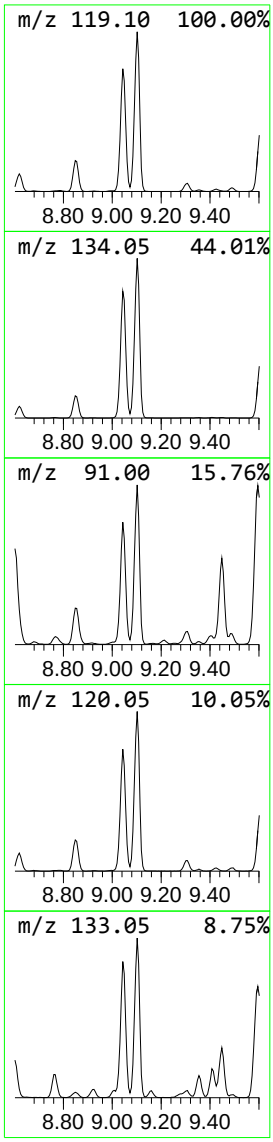
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.102	32.88 ng	13135000	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	91





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Data File : BP025124.D
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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

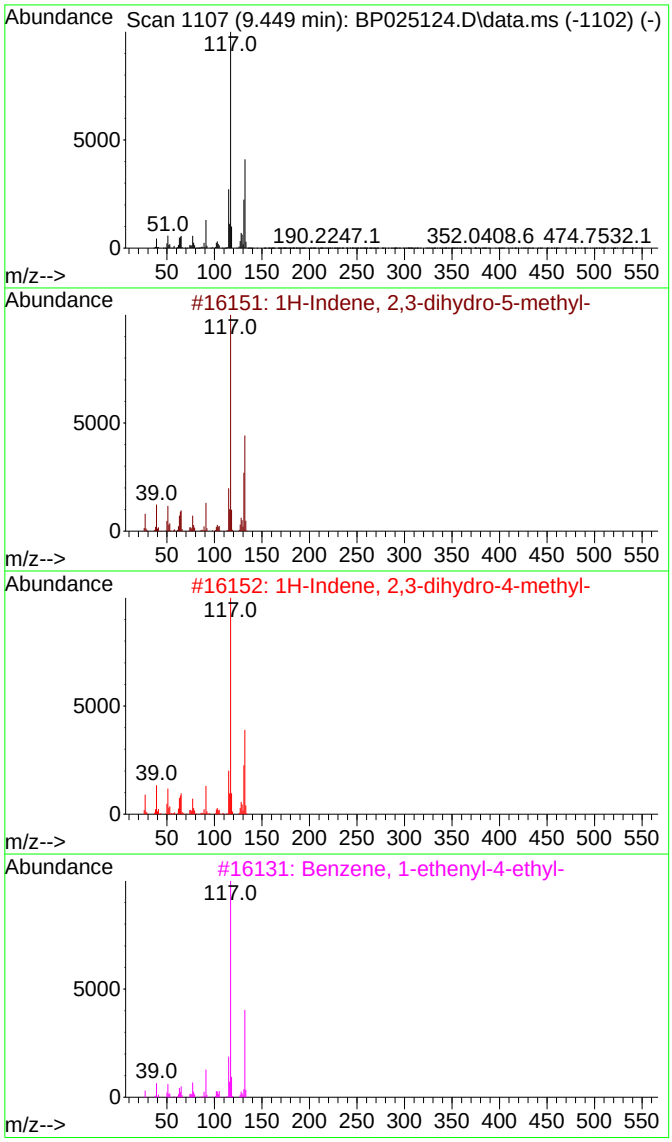
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

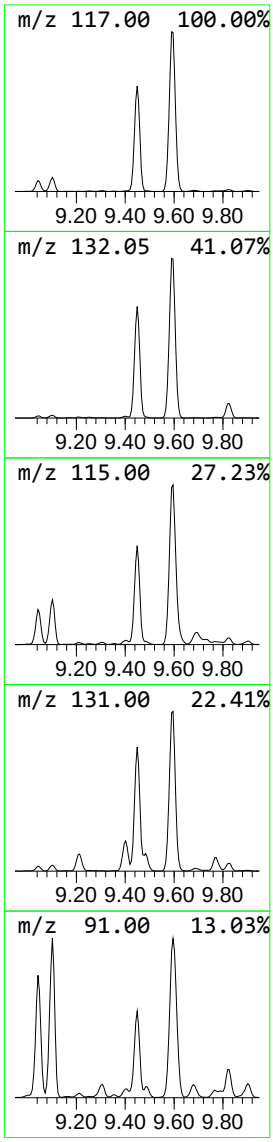
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.449	26.03 ng	10400600	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





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Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

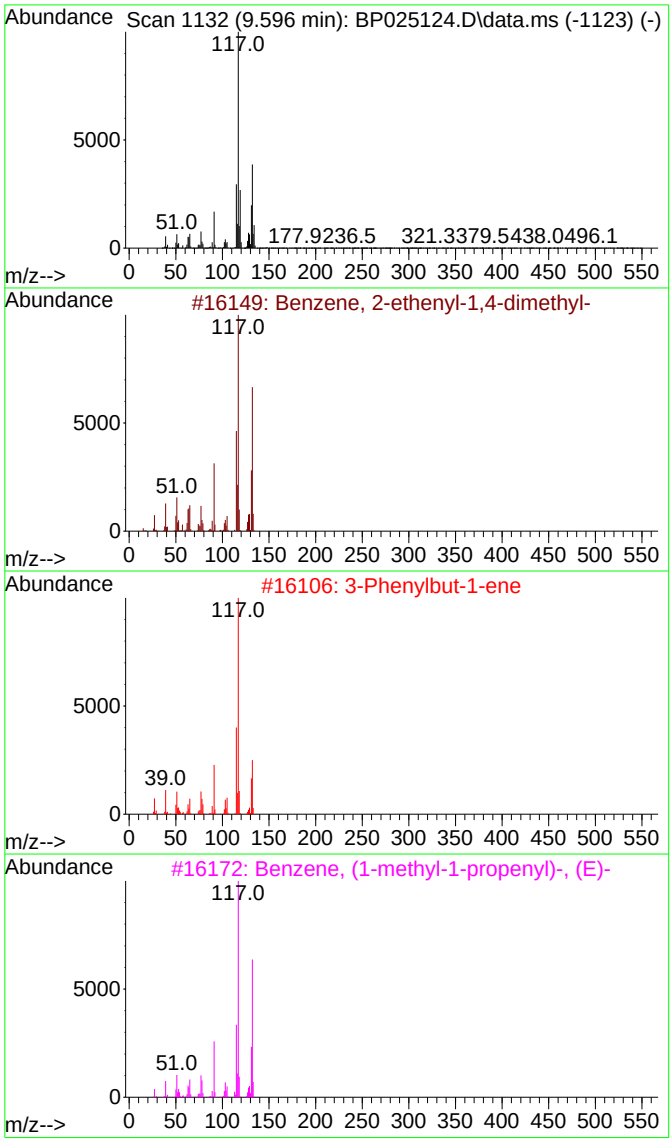
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

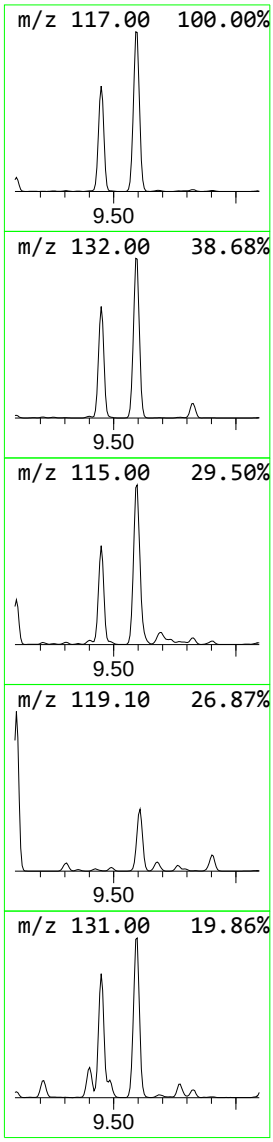
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.596	57.06 ng	22793900	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81





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Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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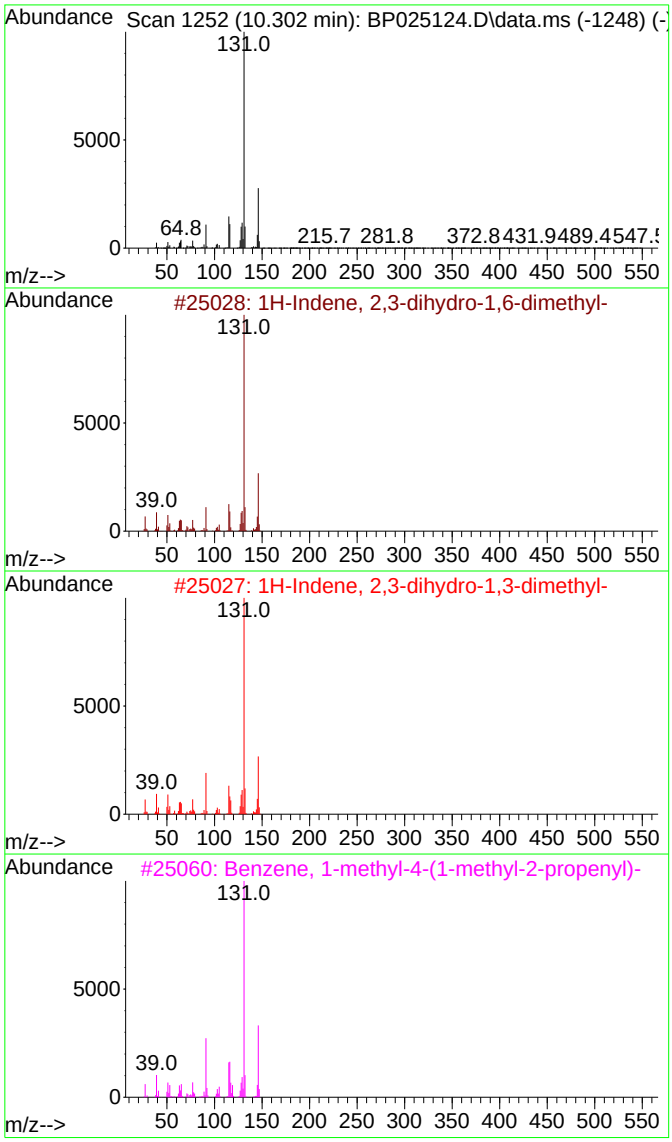
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

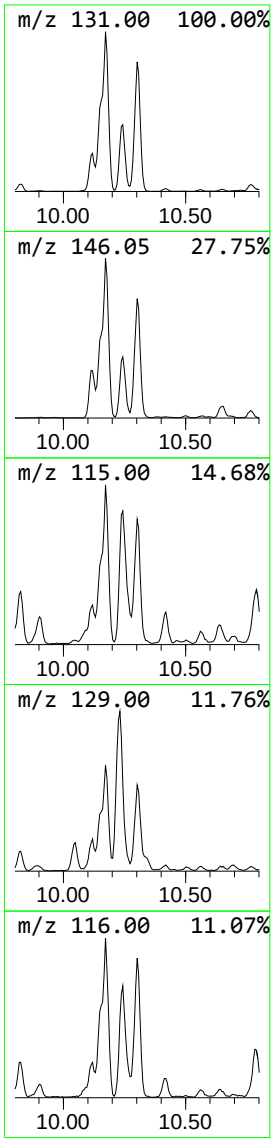
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.302	6.51 ng	2599290	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

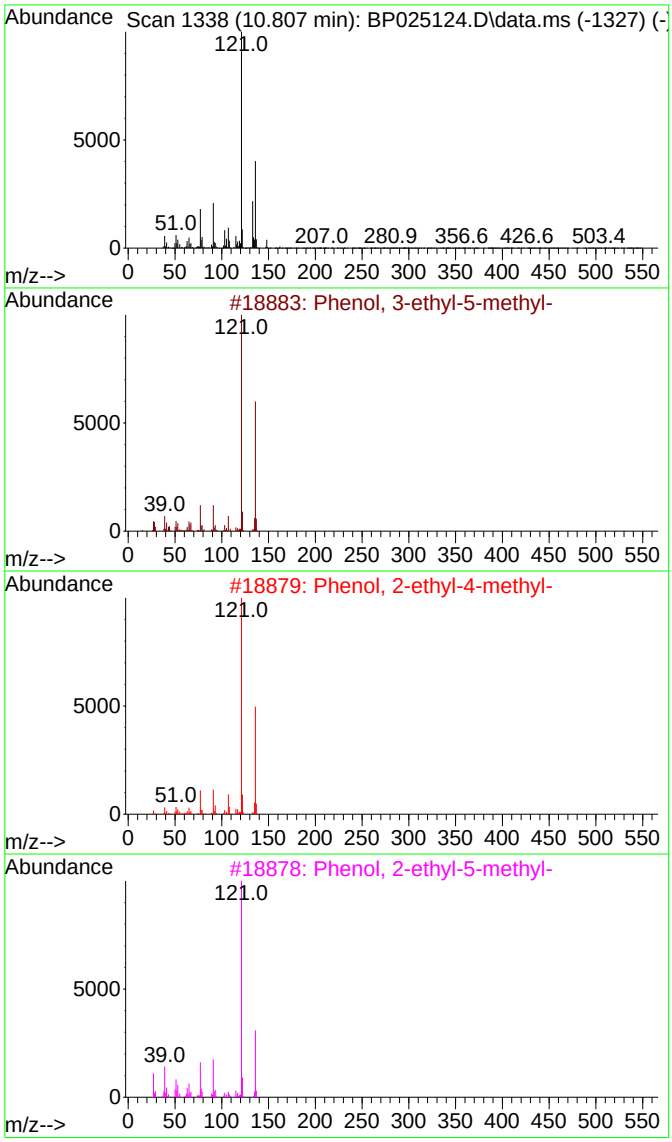
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

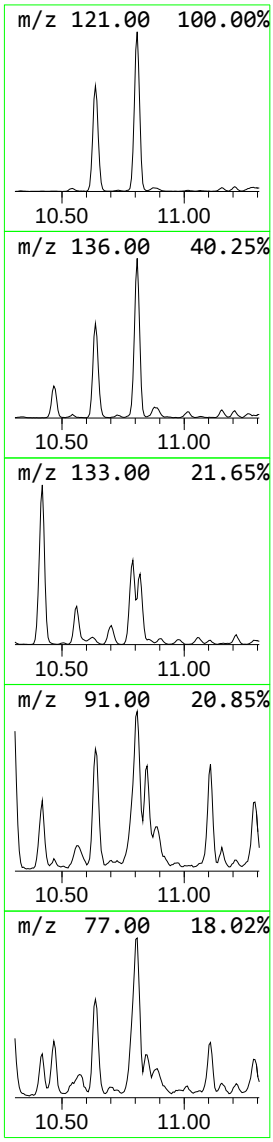
****

Peak Number 18 Phenol, 3-ethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.807	7.29 ng	2914210	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	81
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	76
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

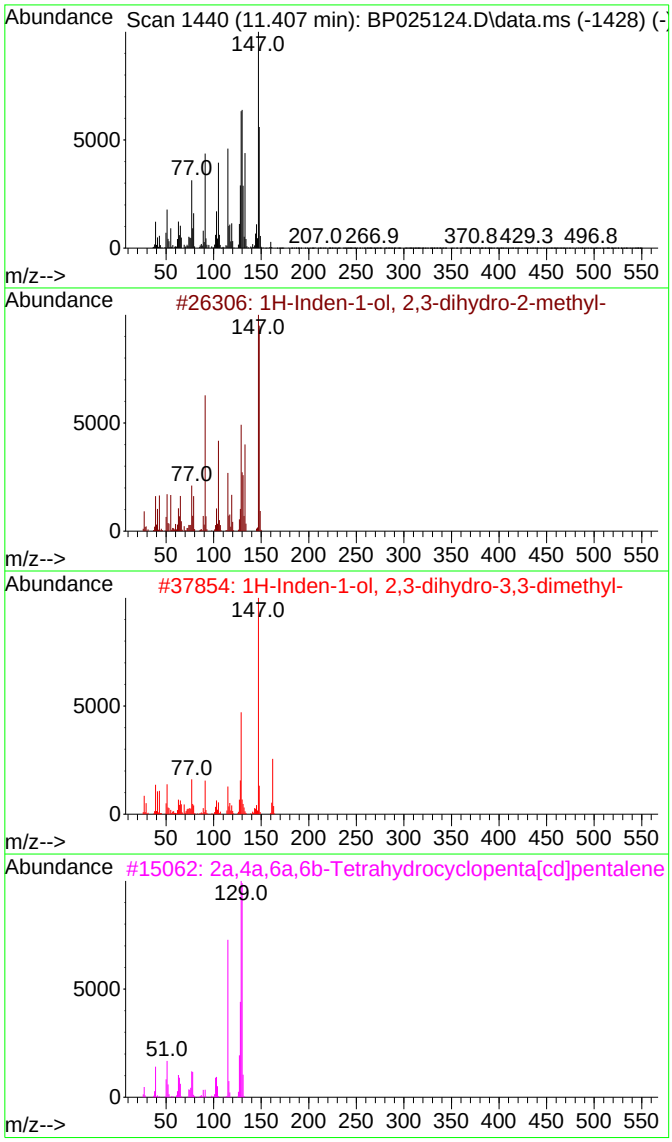
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

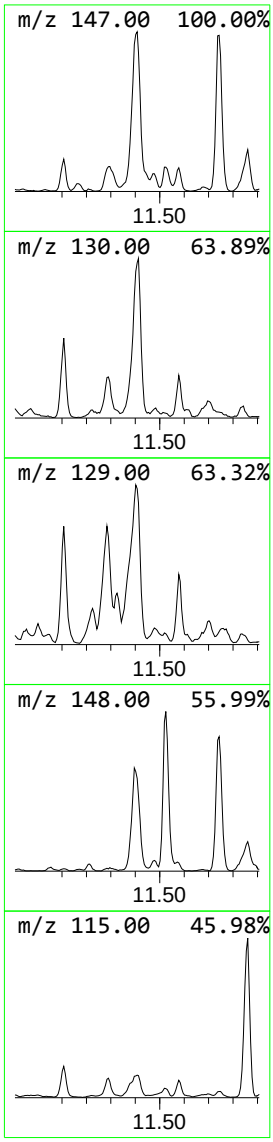
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Inden-1-ol, 2,3-dihydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.407	6.47 ng	2584510	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	58
2	1H-Inden-1-ol, 2,3-dihydro-3,3-d...	162	C11H14O	038393-92-9	43
3	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	42
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	38
5	Benzene, (methylenecyclopropyl)-	130	C10H10	029817-09-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

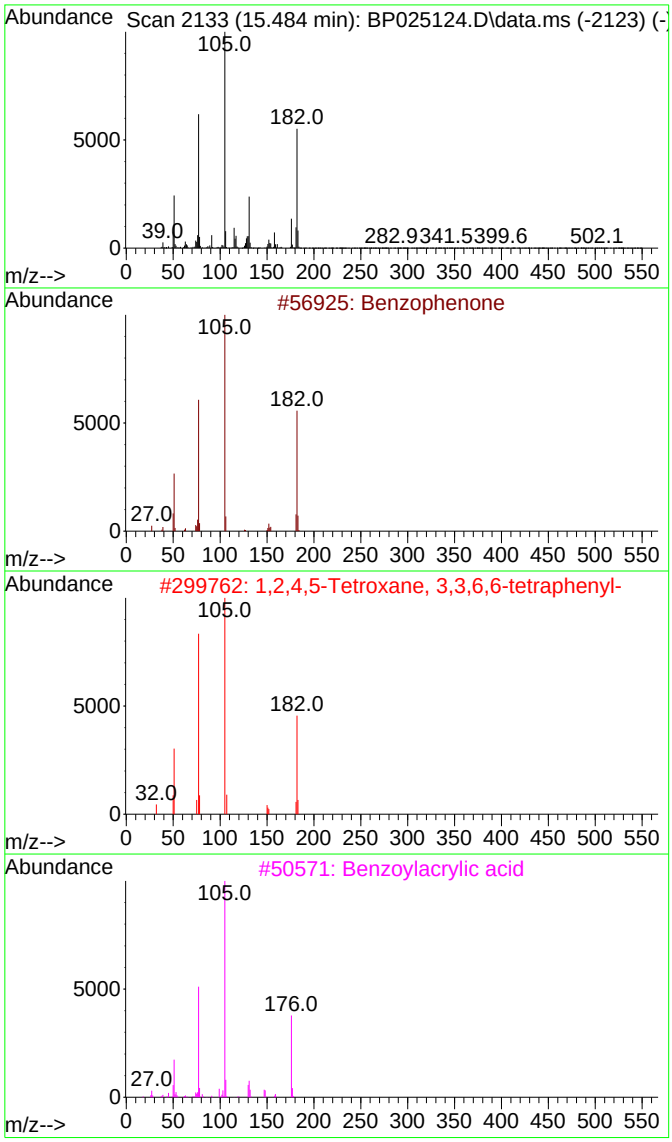
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

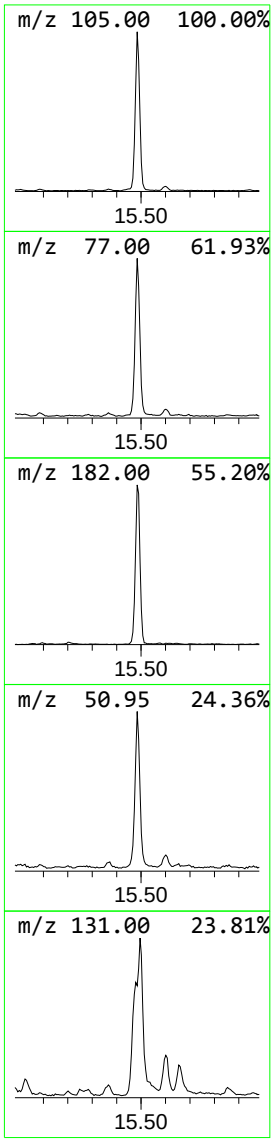
****

Peak Number 20 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.484	7.49 ng	2030610	Acenaphthene-d10	14.084

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	50
3	Benzoylacrylic acid	176	C10H8O3	000583-06-2	46
4	Azobenzene	182	C12H10N2	000103-33-3	35
5	Benzamide, N-methyl-N-(3-nitrobe...	340	C17H16N4O4	1000295-26-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025124.D
Acq On : 14 Jul 2025 17:46
Operator : CG/JU
Sample : Q2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Mesitylene	6.690	12.4	ng	1888850	1	7.431	3055550	20.0
Benzene, 1-ethy...	6.849	34.8	ng	5317060	1	7.431	3055550	20.0
Benzene, 1,2,3-...	7.108	246.0	ng	37587400	1	7.431	3055550	20.0
Benzene, 1,2,4-...	7.555	62.8	ng	9601220	1	7.431	3055550	20.0
Dicyclopentadiene	7.708	27.5	ng	4203560	1	7.431	3055550	20.0
Indane	7.802	14.9	ng	2272850	1	7.431	3055550	20.0
Benzene, 1,3-di...	7.931	46.4	ng	7080540	1	7.431	3055550	20.0
Benzene, 1,4-di...	8.072	30.7	ng	4693610	1	7.431	3055550	20.0
Benzene, 1,2-di...	8.119	9.4	ng	1442040	1	7.431	3055550	20.0
Benzene, 2-ethy...	8.384	56.1	ng	8575790	1	7.431	3055550	20.0
Benzene, 1-meth...	8.431	34.8	ng	5311080	1	7.431	3055550	20.0
o-Cymene	8.849	7.6	ng	3031330	2	10.178	7989790	20.0
Benzene, 1,2,3,...	9.043	27.4	ng	10941400	2	10.178	7989790	20.0
Benzene, 1,2,4,...	9.102	32.9	ng	13135000	2	10.178	7989790	20.0
1H-Indene, 2,3-...	9.449	26.0	ng	10400600	2	10.178	7989790	20.0
Benzene, 2-ethe...	9.596	57.1	ng	22793900	2	10.178	7989790	20.0
1H-Indene, 2,3-...	10.302	6.5	ng	2599290	2	10.178	7989790	20.0
Phenol, 3-ethyl...	10.807	7.3	ng	2914210	2	10.178	7989790	20.0
1H-Inden-1-ol, ...	11.407	6.5	ng	2584510	2	10.178	7989790	20.0
Benzophenone	15.484	7.5	ng	2030610	3	14.084	5422470	20.0

Raw Data: **BP025125.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.1	U	3.90	10.1	ug/L
108-95-2	Phenol	5.10	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.77	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.1	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

Raw Data: **BP025125.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.1	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.83	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.45	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.49	5.10	ug/L

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.6		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	40.0		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (67) - 130 (132)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.3		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	106%	SPK: 150
1718-51-0	Terphenyl-d14	92.3		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	460000	7.437			
1146-65-2	Naphthalene-d8	1740000	10.178			
15067-26-2	Acenaphthene-d10	1020000	14.083			
1517-22-2	Phenanthrene-d10	2000000	16.907			
1719-03-5	Chrysene-d12	2270000	21.324			
1520-96-3	Perylene-d12	2590000	24.471			
TENTATIVE IDENTIFIED COMPOUNDS						
1010142-17-5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	3.40	J		4.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.10	AB		4.65	ug/L
000141-93-5	Benzene, 1,3-diethyl-	9.30	J		7.93	ug/L
000135-01-3	Benzene, 1,2-diethyl-	10.2	J		8.08	ug/L
018368-95-1	1,3,8-p-Menthatriene	5.20	J		8.13	ug/L
	unknown8.448	4.80	J		8.45	ug/L
1000190-58-1	1,2-Dimethyl-cyclopent-2-enecarbox	4.10	J		8.69	ug/L

Raw Data: **BP025125.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
018321-36-3	Benzene, (1,1-dimethyl-2-propenyl)	4.30	J		8.77	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	7.80	J		9.04	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	3.70	J		9.21	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	4.20	J		9.40	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	3.40	J		9.48	ug/L
	unknown10.242	3.70	J		10.2	ug/L
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	18.0	J		13.3	ug/L
000087-24-1	Ethyl o-methylbenzoate	7.20	J		13.7	ug/L
082620-73-3	1-(2-Methoxy-5-methylphenyl)propar	3.60	J		14.3	ug/L
004476-28-2	4-Isopropylphenylacetic acid	3.70	J		14.5	ug/L
002529-39-7	2,3,4,5-Tetramethylbenzoic acid	4.00	J		14.8	ug/L
000119-61-9	Benzophenone	4.40	J		15.5	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J		17.9	ug/L

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

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

Sample Results: **BP025125.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Time: Jul 14 18:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

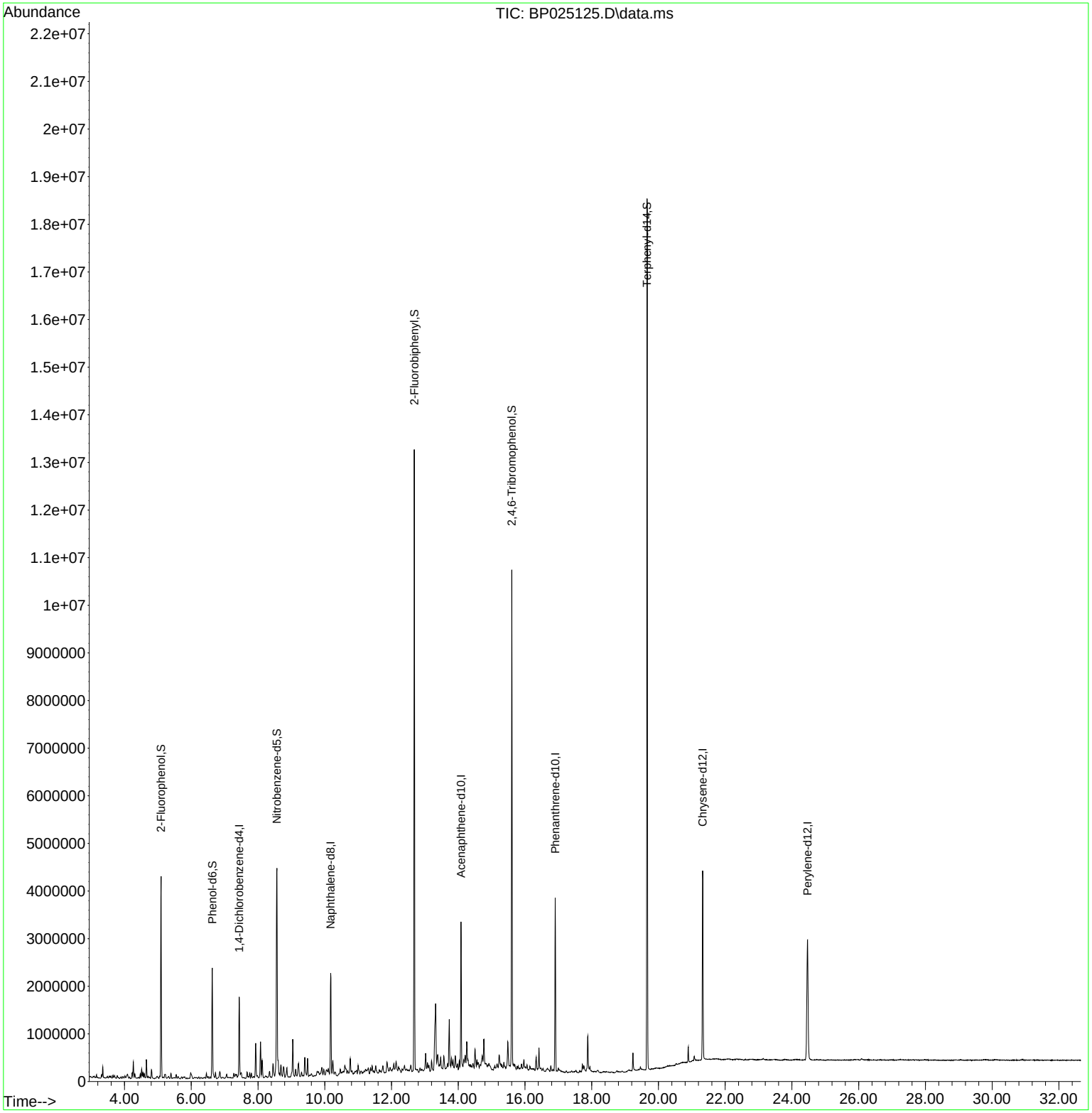
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	459808	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1740087	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1019903	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2000087	20.000	ng	0.00
76) Chrysene-d12	21.324	240	2268198	20.000	ng	-0.02
86) Perylene-d12	24.471	264	2585197	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1781262	68.640	ng	0.00
7) Phenol-d6	6.631	99	1355208	40.018	ng	0.00
23) Nitrobenzene-d5	8.566	82	2702274	103.279	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1906961	158.274	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	6074371	92.266	ng	-0.01
79) Terphenyl-d14	19.660	244	9525446	92.298	ng	-0.01
Target Compounds						Qvalue

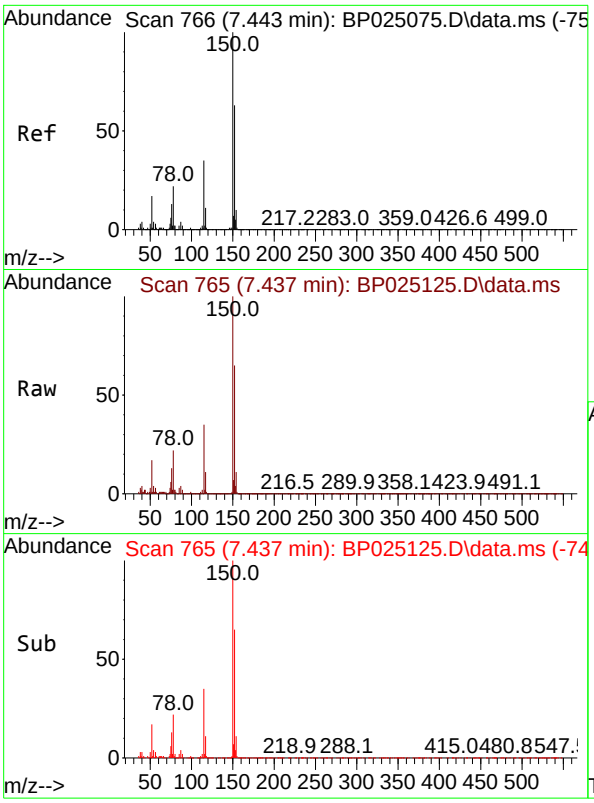
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Time: Jul 14 18:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



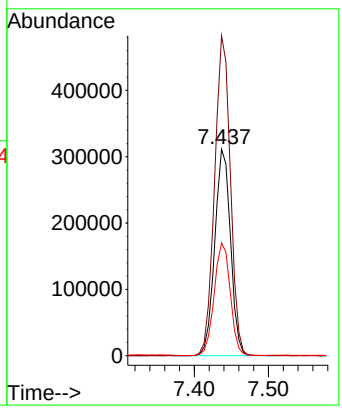


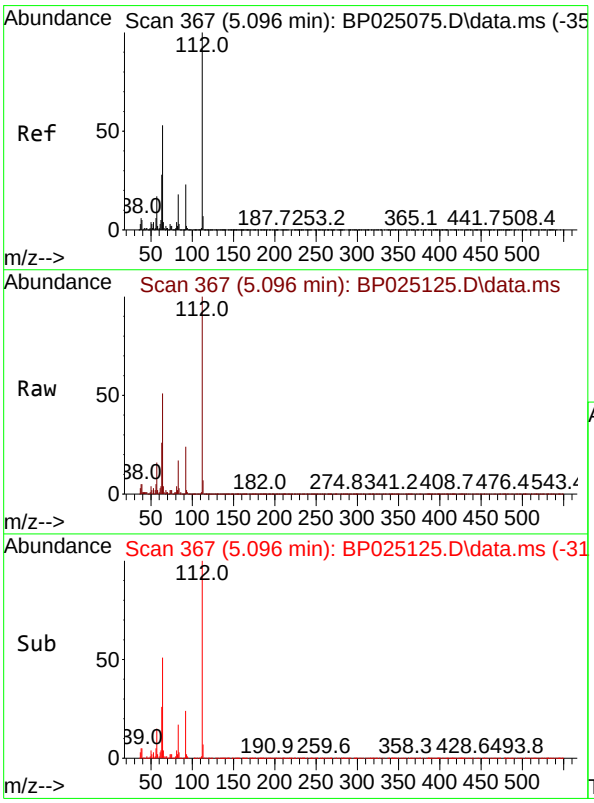
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion:152 Resp: 459808

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	54.6	44.3	66.5

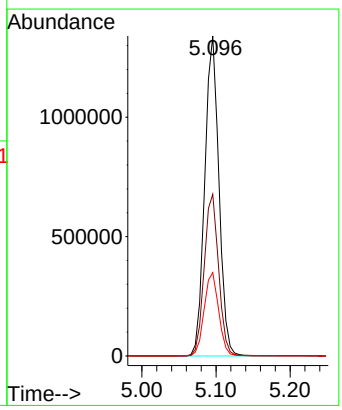


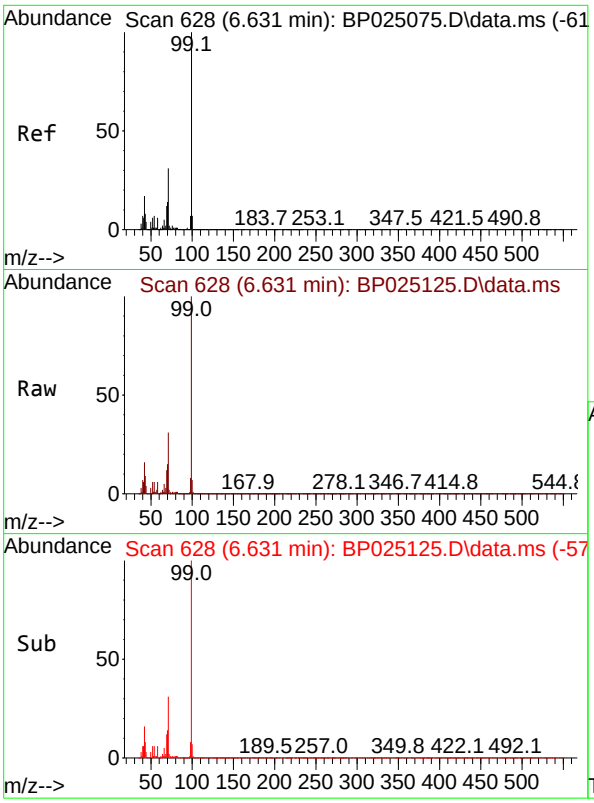


#5
2-Fluorophenol
Concen: 68.640 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:112 Resp: 1781262

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.0	63.0
63	26.0	22.2	33.2



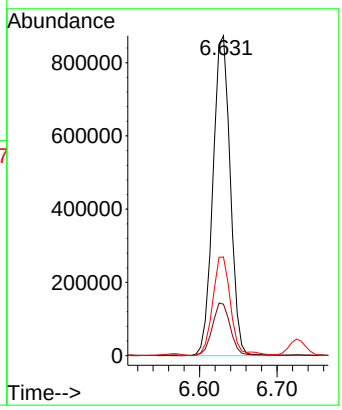


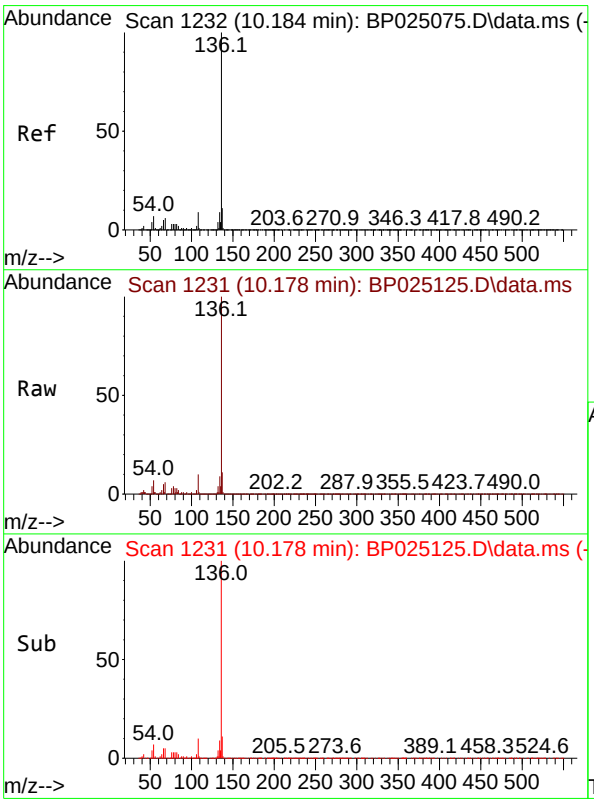
#7
Phenol-d6
Concen: 40.018 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion: 99 Resp: 1355208

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	30.8	24.4	36.6

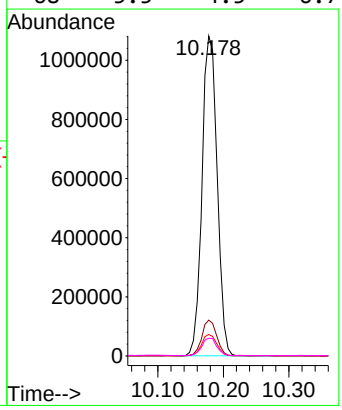


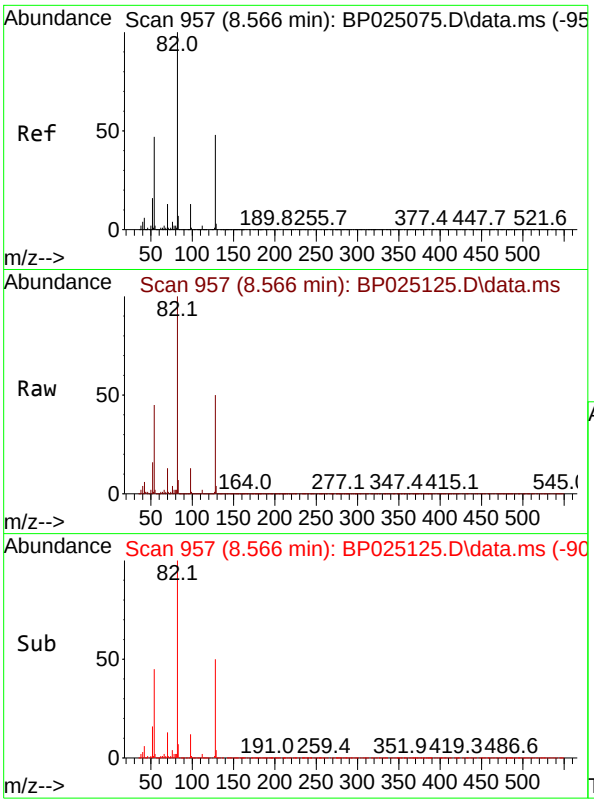


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:136 Resp: 1740087

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7



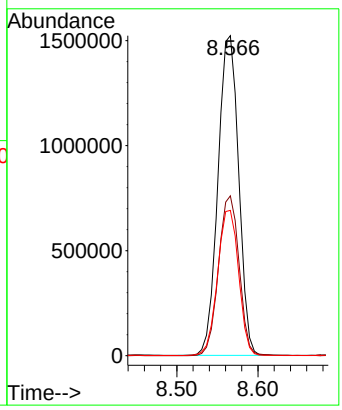


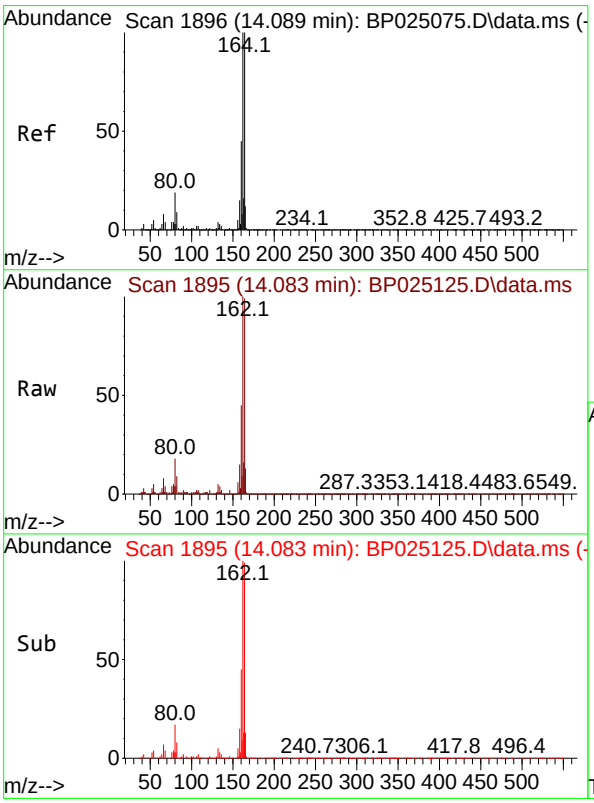
#23
Nitrobenzene-d5
Concen: 103.279 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion: 82 Resp: 2702274

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.4	57.6
54	45.4	37.8	56.6

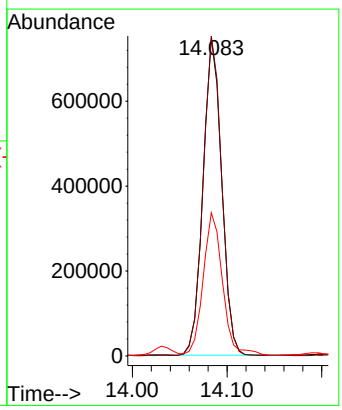


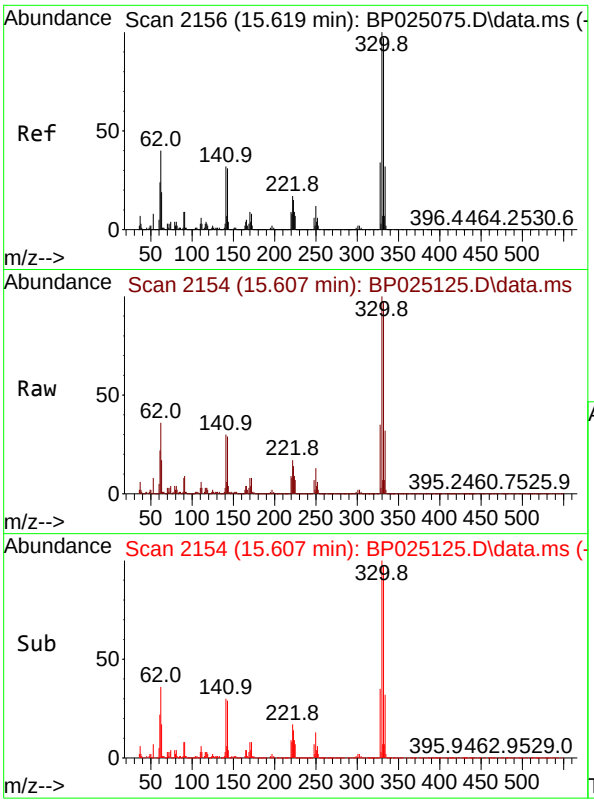


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:164 Resp: 1019903

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	45.1	35.9	53.9



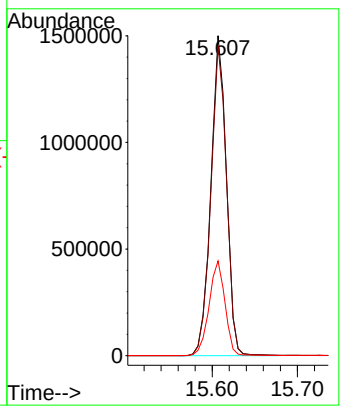


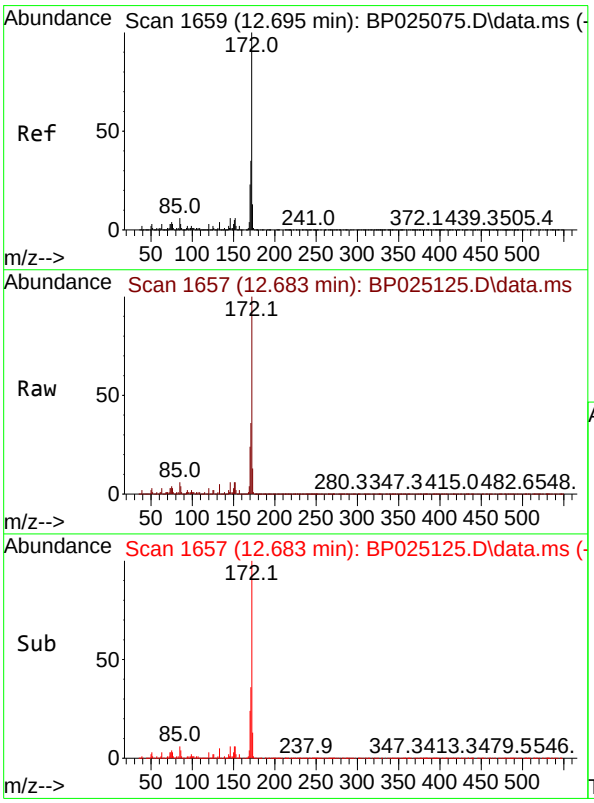
#42
2,4,6-Tribromophenol
Concen: 158.274 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion:330 Resp: 1906961

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	30.2	26.0	39.0

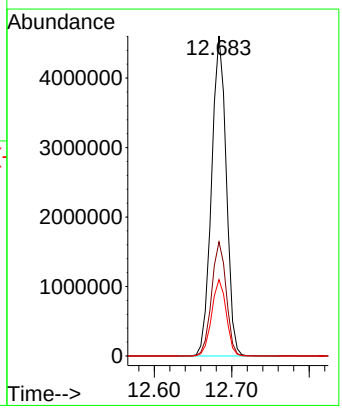


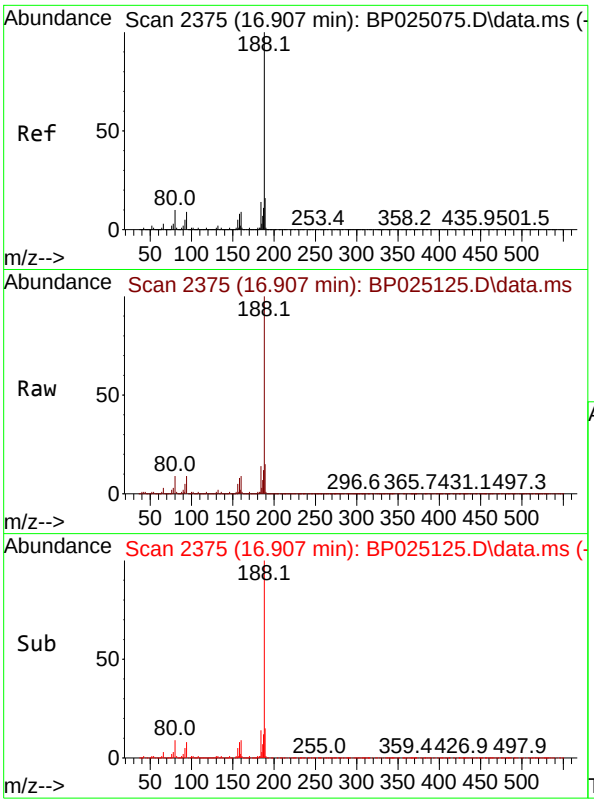


#45
2-Fluorobiphenyl
Concen: 92.266 ng
RT: 12.683 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:172 Resp: 6074371

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.9	18.7	28.1



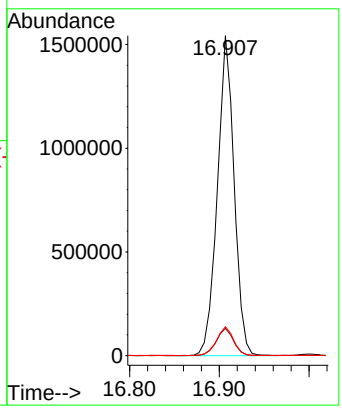


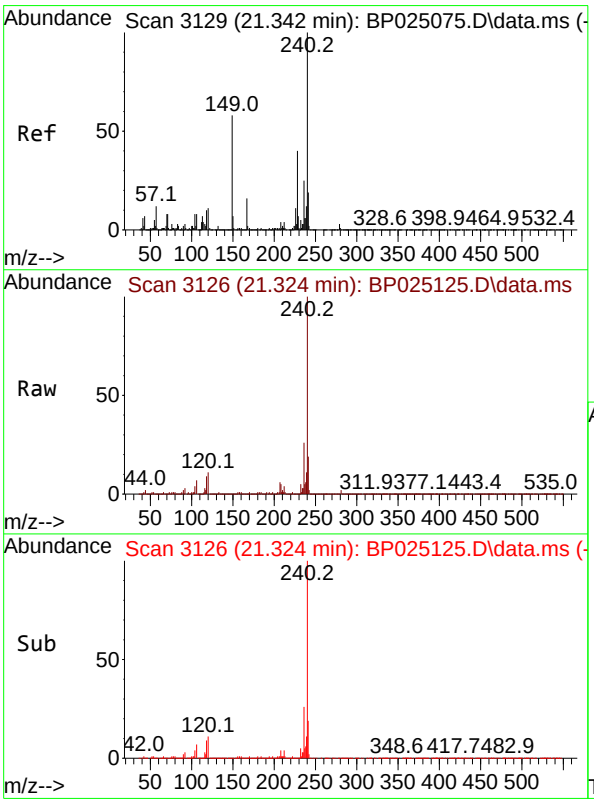
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion:188 Resp: 2000087

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.1	7.8	11.6

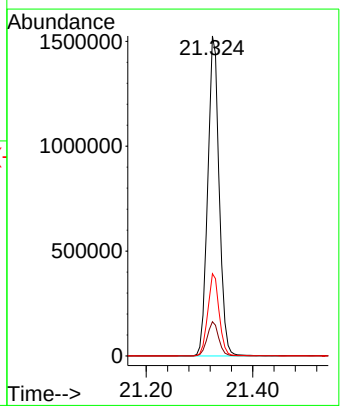


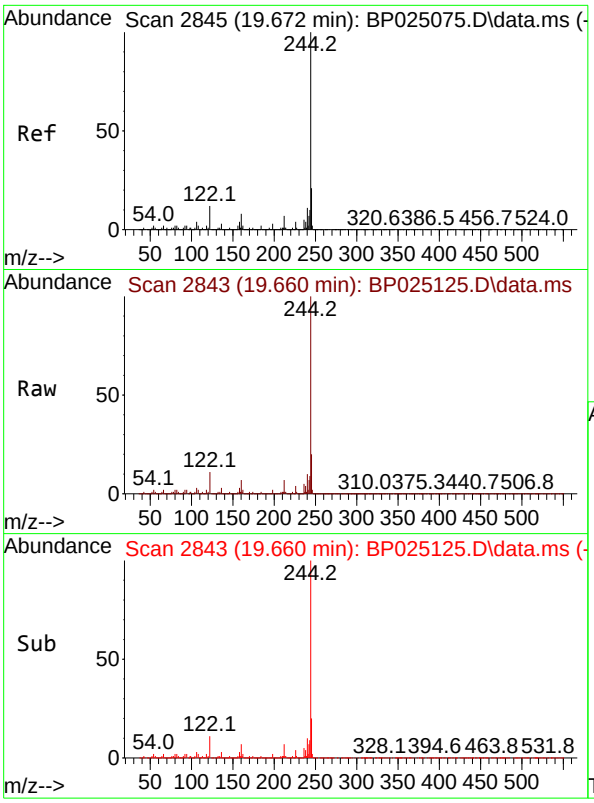


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.018 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:240 Resp: 2268198

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5



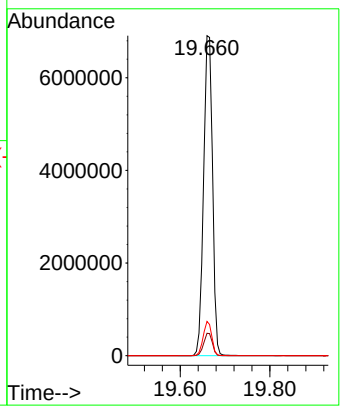


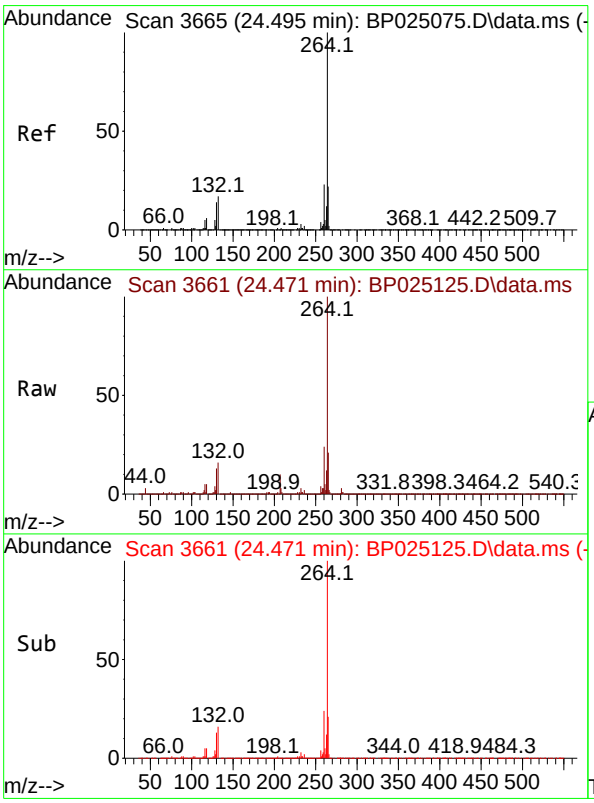
#79
Terphenyl-d14
Concen: 92.298 ng
RT: 19.660 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Instrument :
BNA_P
ClientSampleId :
AOC-202

Tgt Ion:244 Resp: 9525446

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.7	9.4	14.2

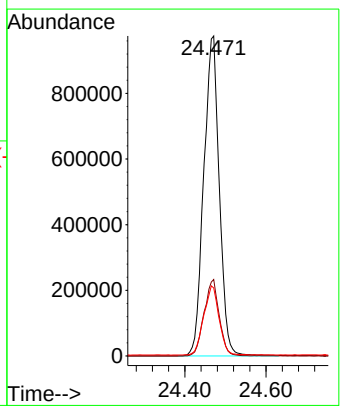




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.024 min
Lab File: BP025125.D
Acq: 14 Jul 2025 18:27

Tgt Ion:264 Resp: 2585197

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.3	17.7	26.5



Sample Results: **BP025125.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	66	70	75	rVB	230694	284033	1.14%	0.214%
2	4.266	222	226	230	rVB	321327	407229	1.63%	0.307%
3	4.654	287	292	297	rBV	385941	492100	1.97%	0.371%
4	4.807	313	318	326	rBV2	187240	301953	1.21%	0.227%
5	5.096	361	367	374	rVB	4232364	5681605	22.73%	4.278%
6	5.984	512	518	529	rVB4	119923	320597	1.28%	0.241%
7	6.631	621	628	640	rBV	2319703	3829773	15.32%	2.884%
8	6.854	660	666	674	rVB4	139188	294748	1.18%	0.222%
9	7.437	760	765	770	rBV	1664722	2439206	9.76%	1.837%
10	7.495	770	775	783	rVB4	108871	258993	1.04%	0.195%
11	7.931	843	849	854	rBV	722408	1125862	4.50%	0.848%
12	8.078	866	874	878	rBV2	758248	1236658	4.95%	0.931%
13	8.125	878	882	890	rVB3	370082	633541	2.53%	0.477%
14	8.448	931	937	945	rBV2	285796	575787	2.30%	0.434%
15	8.566	945	957	968	rBV	4367777	8592234	34.37%	6.470%
16	8.690	973	978	985	rVV	258936	493748	1.97%	0.372%
17	8.766	985	991	998	rVB3	223731	517563	2.07%	0.390%
18	8.866	998	1008	1014	rBV	201519	404024	1.62%	0.304%
19	9.042	1027	1038	1047	rBV	787424	1363537	5.45%	1.027%
20	9.125	1047	1052	1059	rVV5	153196	282498	1.13%	0.213%
21	9.213	1059	1067	1075	rVB4	281370	641421	2.57%	0.483%
22	9.401	1094	1099	1108	rBV	394395	744172	2.98%	0.560%
23	9.484	1108	1113	1118	rVB2	379792	588408	2.35%	0.443%
24	9.913	1180	1186	1191	rVB3	153277	321409	1.29%	0.242%
25	10.054	1204	1210	1216	rVV6	114038	349608	1.40%	0.263%
26	10.107	1216	1219	1225	rVV4	138580	263106	1.05%	0.198%
27	10.178	1225	1231	1237	rVV	2146827	3540744	14.16%	2.666%
28	10.242	1237	1242	1249	rVV3	324243	645551	2.58%	0.486%
29	10.601	1299	1303	1314	rVB6	167906	485070	1.94%	0.365%
30	10.766	1325	1331	1336	rBV2	304933	539620	2.16%	0.406%
31	11.001	1367	1371	1380	rVB2	179372	366343	1.47%	0.276%
32	11.742	1489	1497	1506	rVB4	150382	380824	1.52%	0.287%
33	11.866	1513	1518	1526	rBV	221814	546660	2.19%	0.412%
34	12.136	1560	1564	1573	rVB3	185704	385324	1.54%	0.290%
35	12.683	1651	1657	1663	rBV	13041360	16993543	67.97%	12.796%
36	13.025	1710	1715	1720	rBV3	331059	492652	1.97%	0.371%

Sample Results: **BP025125.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.201	1741	1745	1754	rVB3	206631	341149	1.36%	0.257%
38	13.325	1754	1766	1771	rBV	1406576	3808630	15.23%	2.868%
39	13.383	1771	1776	1783	rVB6	243889	589970	2.36%	0.444%
40	13.472	1788	1791	1798	rVV2	254537	452486	1.81%	0.341%
41	13.566	1802	1807	1815	rVV3	276500	567424	2.27%	0.427%
42	13.730	1829	1835	1843	rVV	993486	1527208	6.11%	1.150%
43	13.795	1843	1846	1850	rVV3	185350	259450	1.04%	0.195%
44	13.913	1861	1866	1873	rVB3	242163	445750	1.78%	0.336%
45	14.030	1882	1886	1889	rBV3	185299	252192	1.01%	0.190%
46	14.083	1889	1895	1905	rVV	3054468	4267854	17.07%	3.214%
47	14.254	1920	1924	1930	rBV2	439369	755207	3.02%	0.569%
48	14.501	1962	1966	1973	rBV	405121	785852	3.14%	0.592%
49	14.719	1996	2003	2007	rBV5	204360	464601	1.86%	0.350%
50	14.772	2007	2012	2017	rVB	524485	847168	3.39%	0.638%
51	15.224	2085	2089	2096	rBV2	257533	529365	2.12%	0.399%
52	15.483	2128	2133	2142	rVB3	512409	939509	3.76%	0.707%
53	15.607	2148	2154	2161	rVB	10404675	13152004	52.61%	9.904%
54	16.336	2272	2278	2284	rBV3	284084	510227	2.04%	0.384%
55	16.419	2288	2292	2299	rVV	447458	546058	2.18%	0.411%
56	16.907	2369	2375	2381	rVB	3633374	4812638	19.25%	3.624%
57	17.718	2509	2513	2517	rBV2	158808	259064	1.04%	0.195%
58	17.883	2532	2541	2548	rBV2	741441	1263301	5.05%	0.951%
59	19.236	2766	2771	2778	rBV	372918	533954	2.14%	0.402%
60	19.660	2837	2843	2857	rBV	18290553	25000695	100.00%	18.826%
61	20.895	3049	3053	3059	rBV	317596	395703	1.58%	0.298%
62	21.324	3120	3126	3143	rBV	3968149	6084900	24.34%	4.582%
63	24.471	3651	3661	3672	rVB	2501884	6586089	26.34%	4.959%

Sum of corrected areas: 132798592

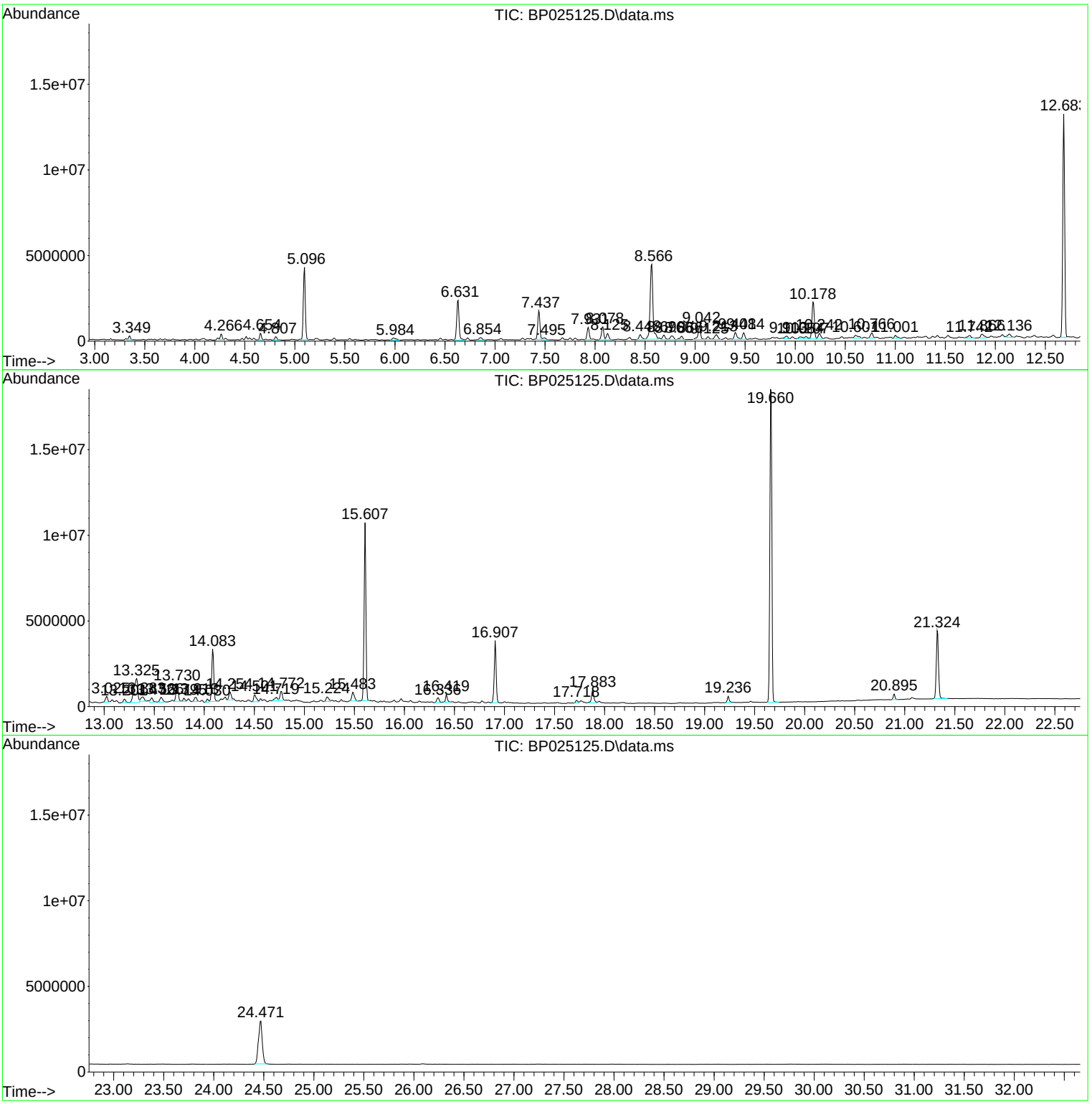
Sample Results: **BP025125.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP025125.D
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Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

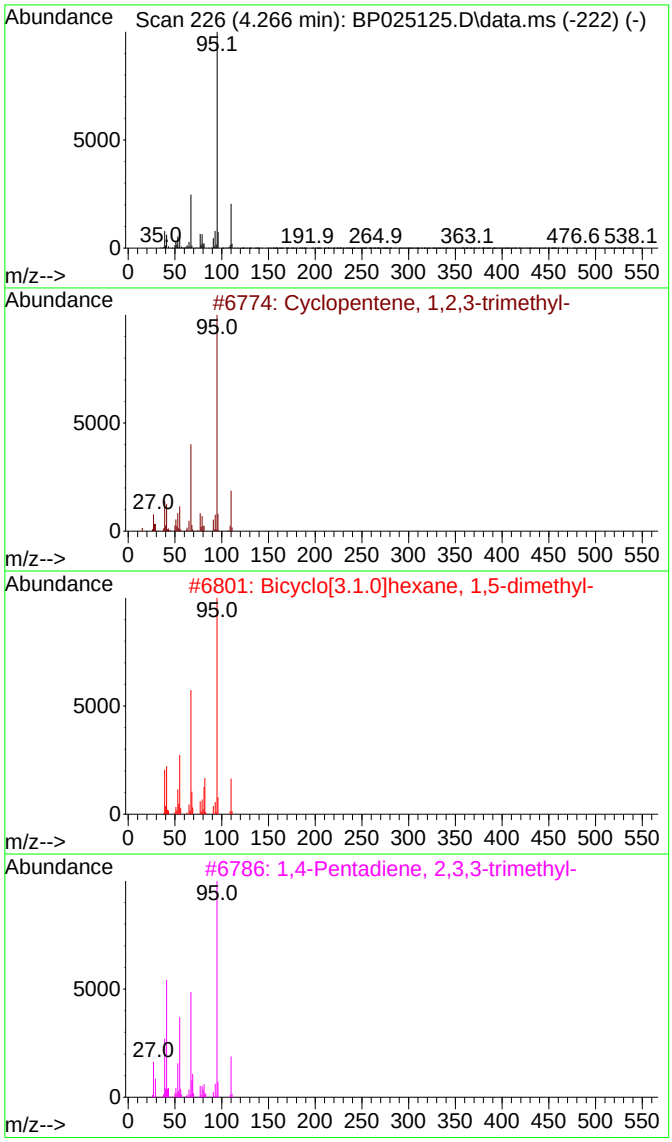
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

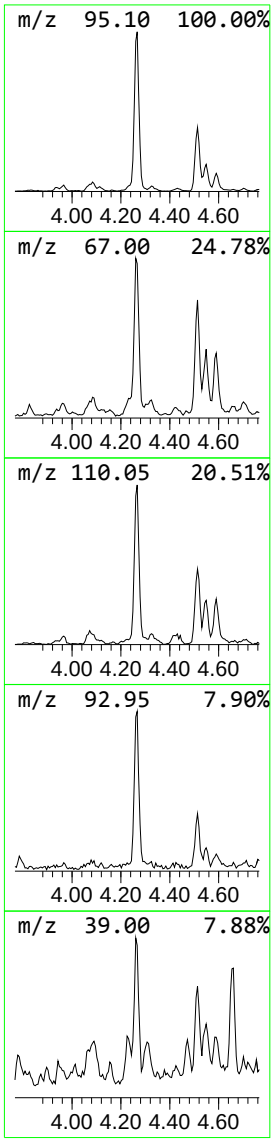
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.266	3.34 ng	407229	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64





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Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

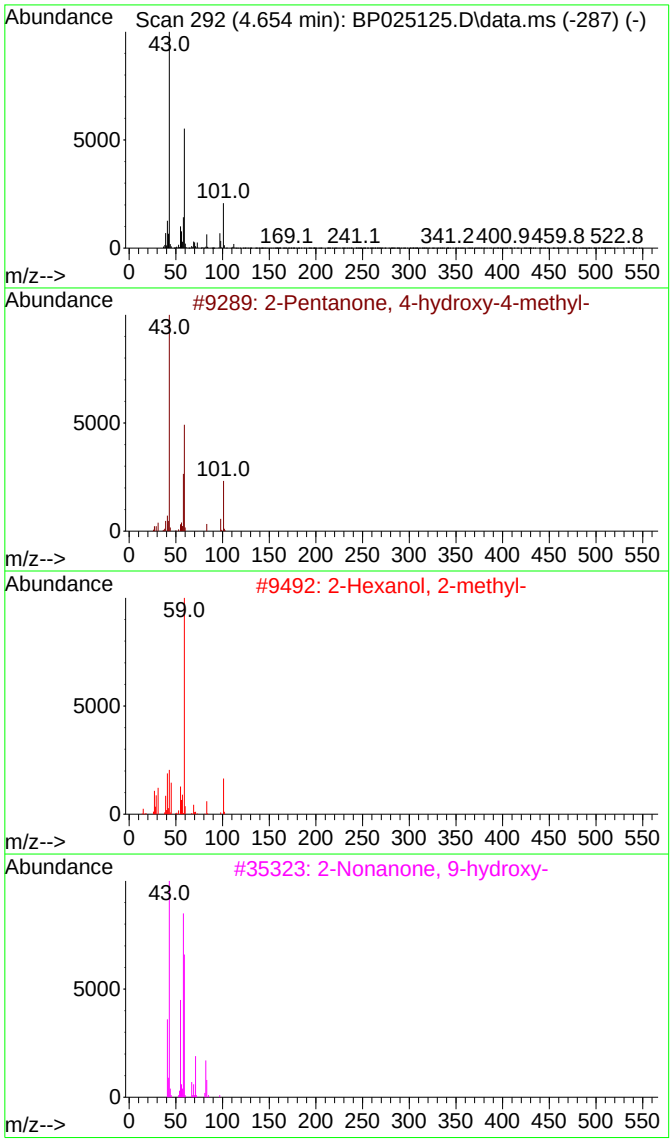
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

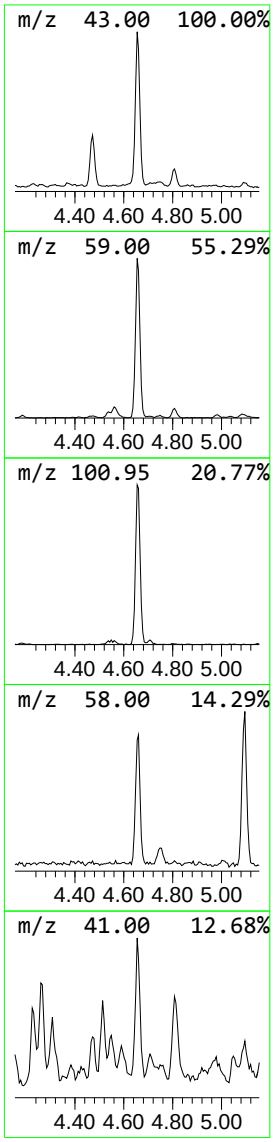
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.654	4.03 ng	492100	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





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Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

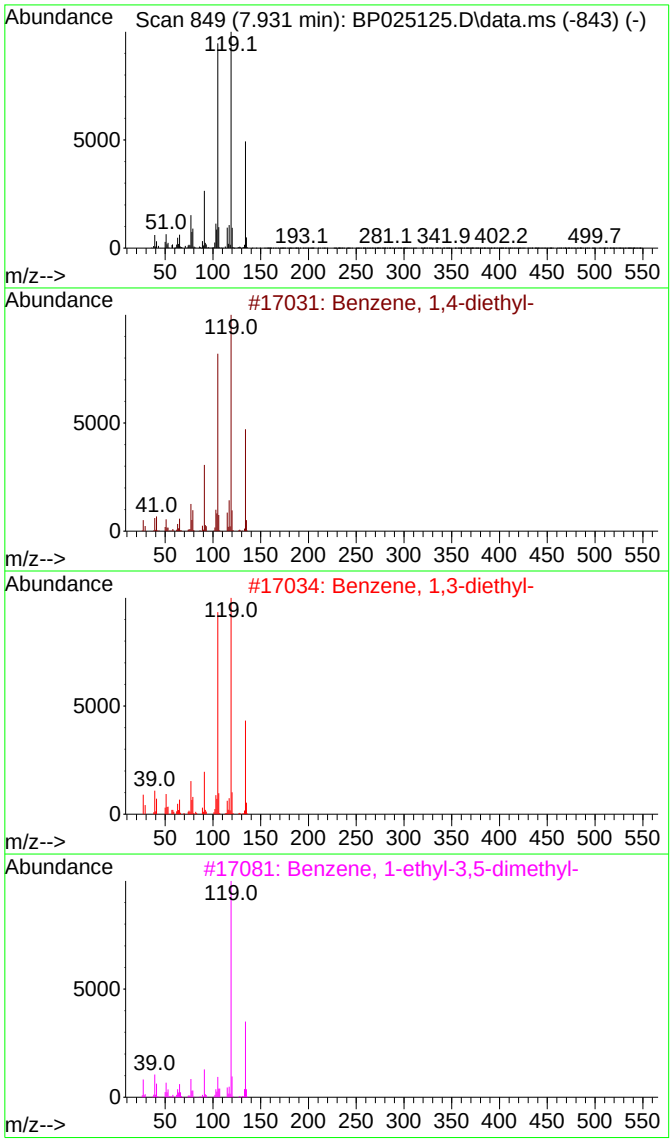
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

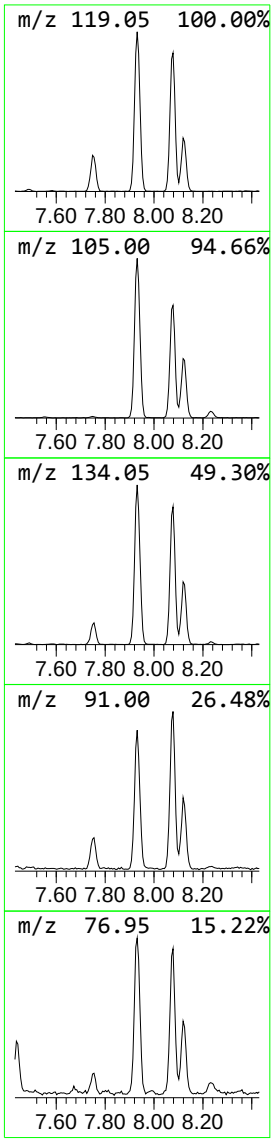
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.931	9.23 ng	1125860	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

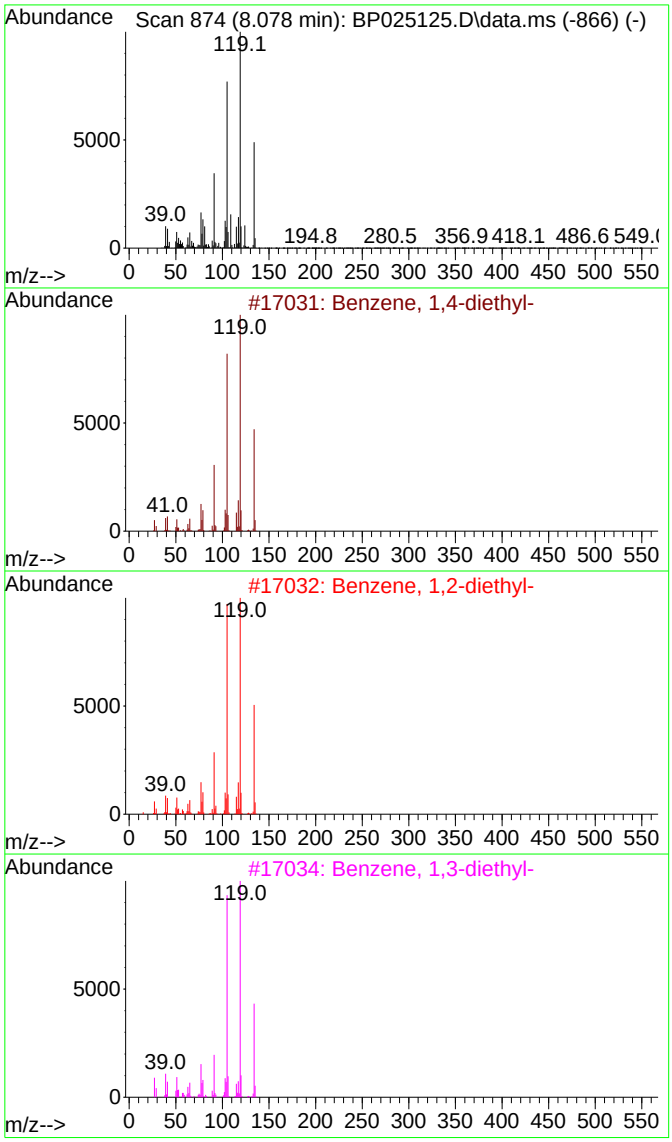
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

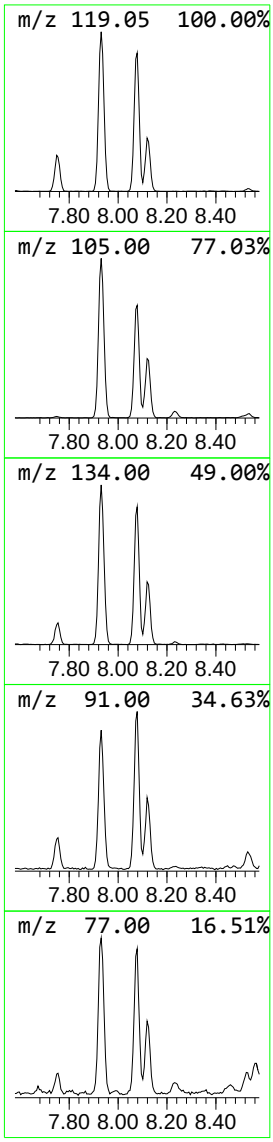
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.078	10.14 ng	1236660	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





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Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

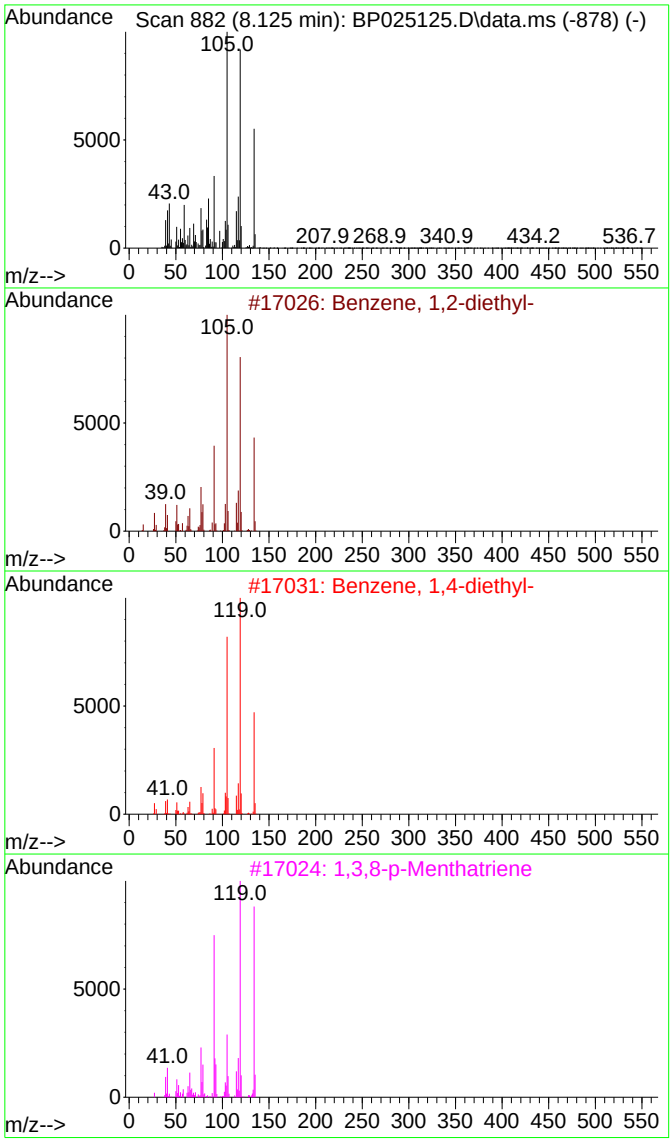
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

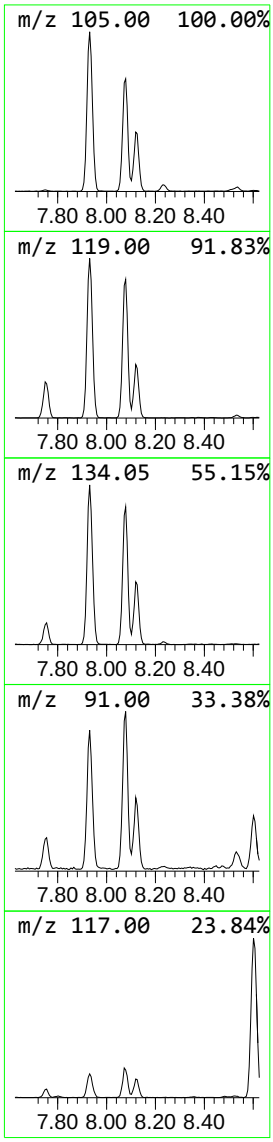
****

Peak Number 5 1,3,8-p-Menthatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.125	5.19 ng	633541	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	68





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Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

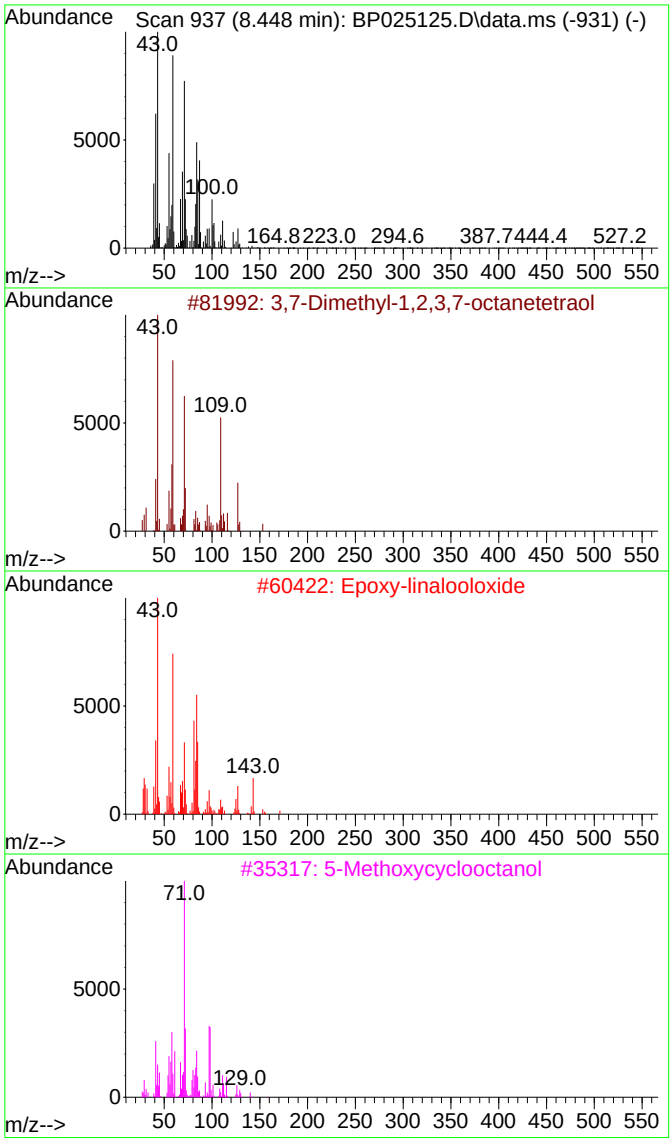
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

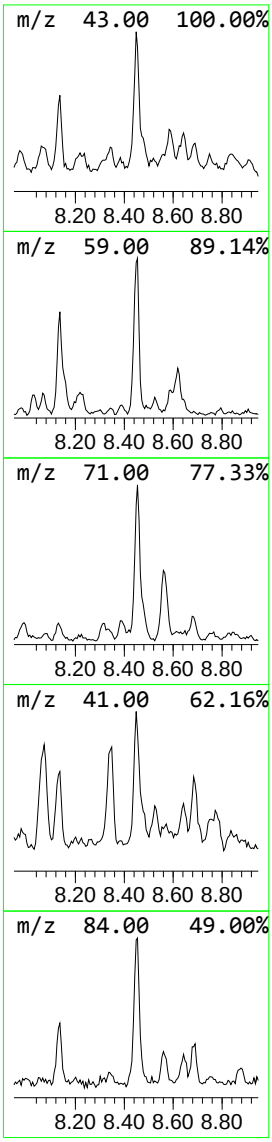
****

Peak Number 6 unknown8.448 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.448	4.72 ng	575787	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-1,2,3,7-octanetetraol	206	C10H22O4	1000432-20-2	43
2	Epoxy-linalooloxide	186	C10H18O3	1000007-96-5	38
3	5-Methoxycyclooctanol	158	C9H18O2	344325-93-5	27
4	1,3-Propanediol, 2,2-diethyl-	132	C7H16O2	000115-76-4	27
5	Methyl 3-butenoate	100	C5H8O2	003724-55-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025125.D
Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

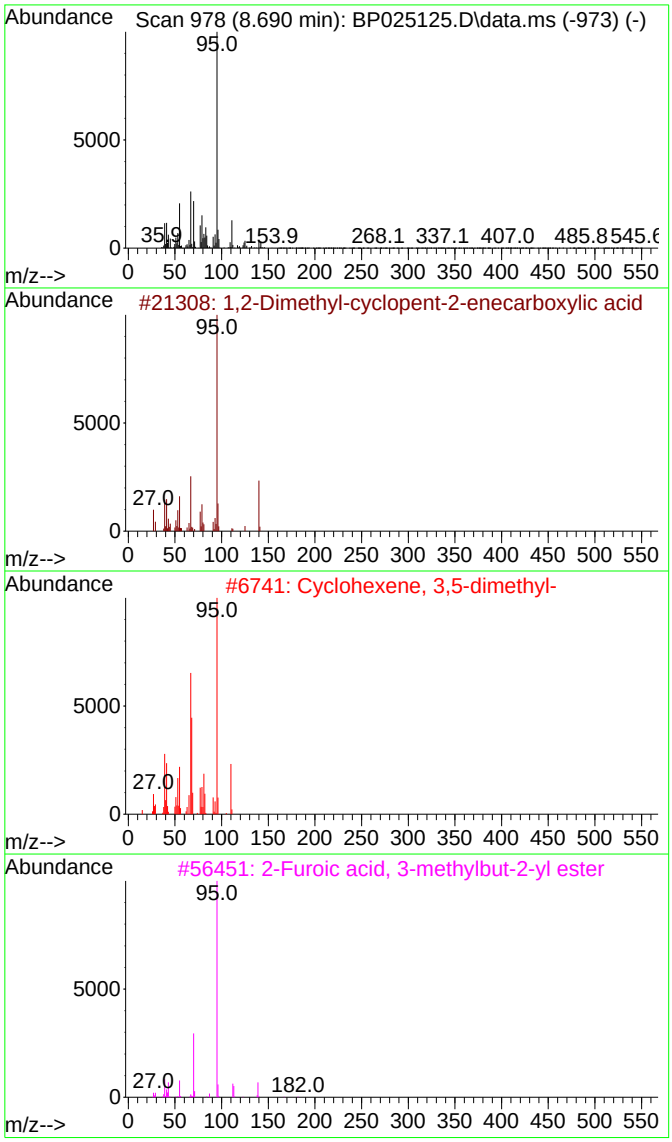
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

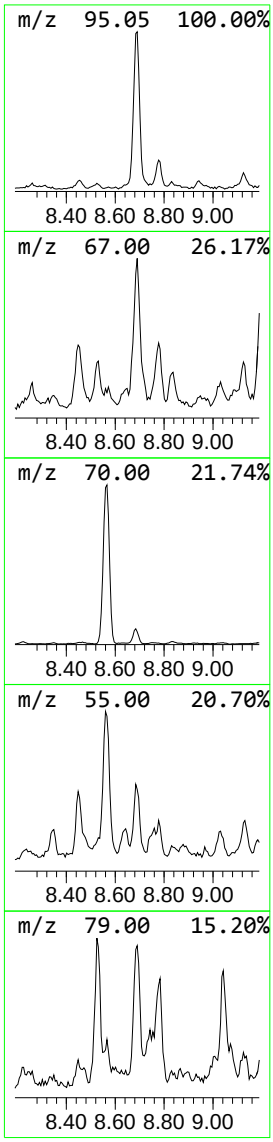
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,2-Dimethyl-cyclopent-2-en... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	4.05 ng	493748	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-cyclopent-2-enecarb...	140	C8H12O2	1000190-58-1	53
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
3	2-Furoic acid, 3-methylbut-2-yl ...	182	C10H14O3	1000355-16-8	47
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	47
5	4(1H)-Pyridone	95	C5H5NO	000108-96-3	47





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Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

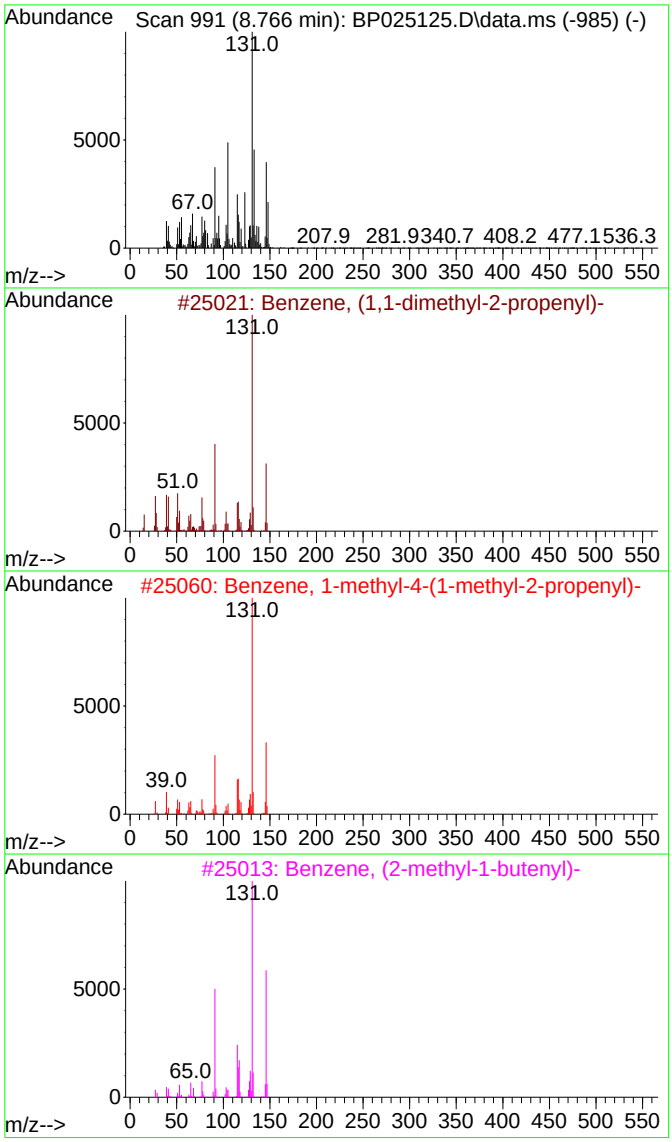
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

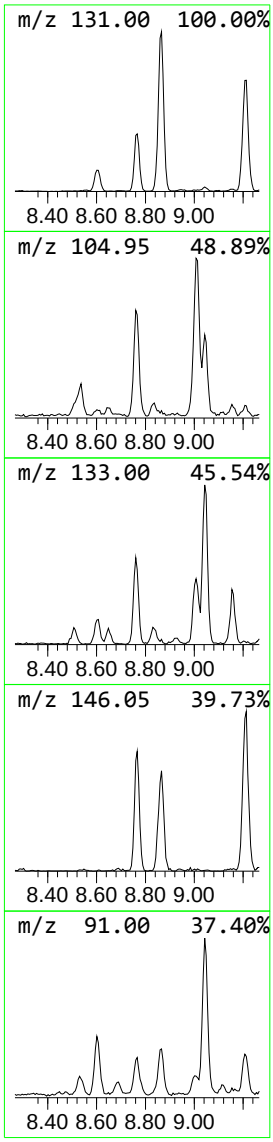
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,1-dimethyl-2-pr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.766	4.24 ng	517563	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





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Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-202

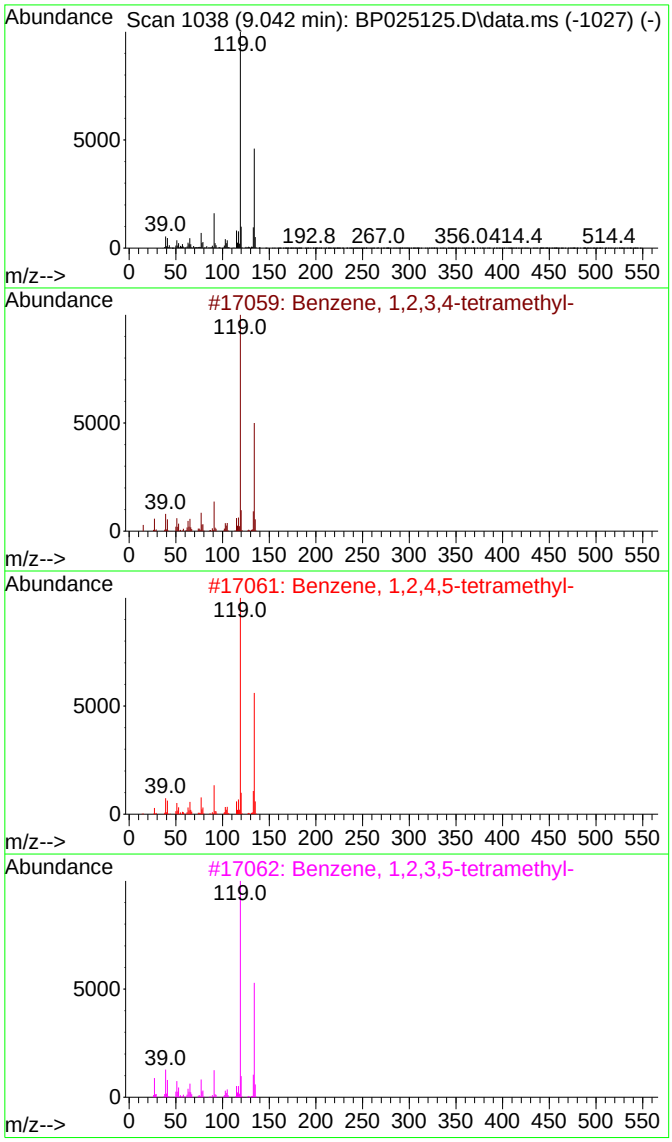
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

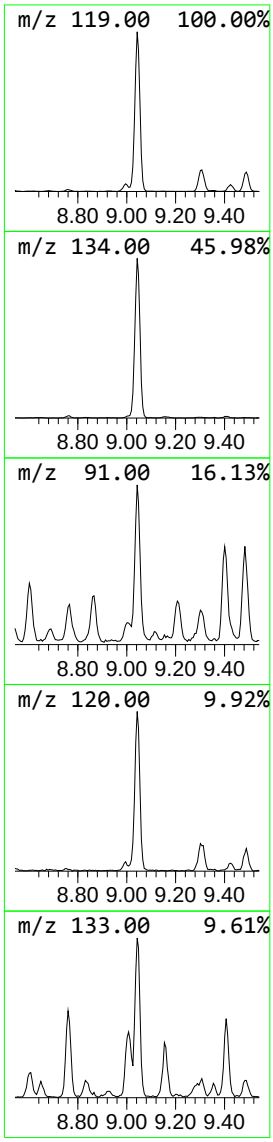
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.042	7.70 ng	1363540	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : BP025125.D
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Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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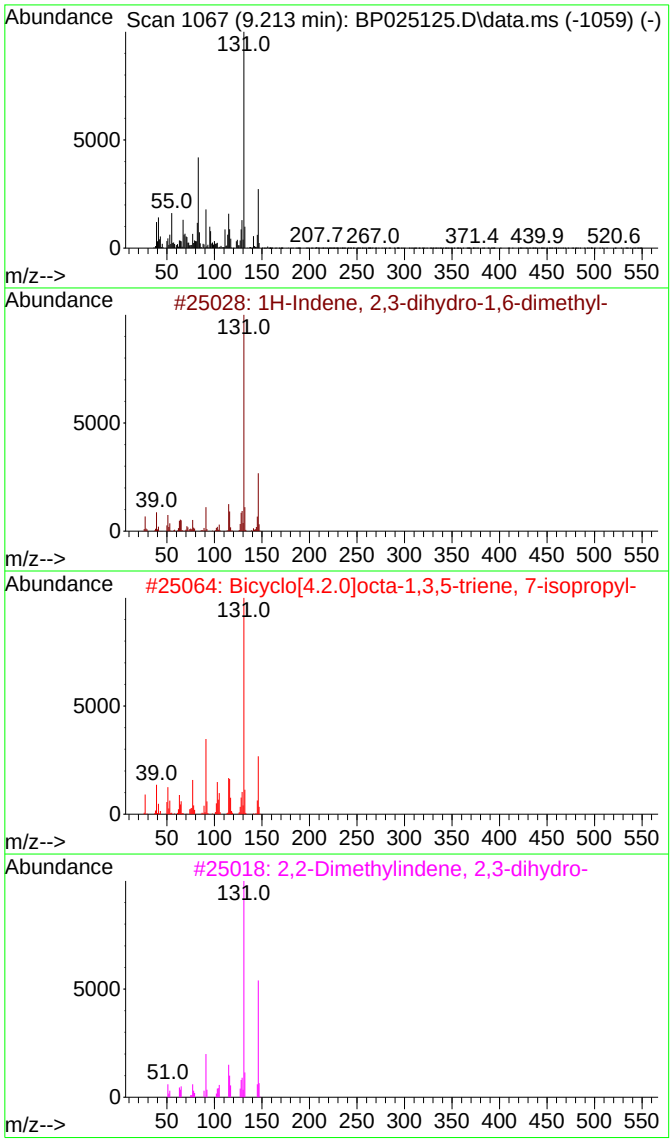
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

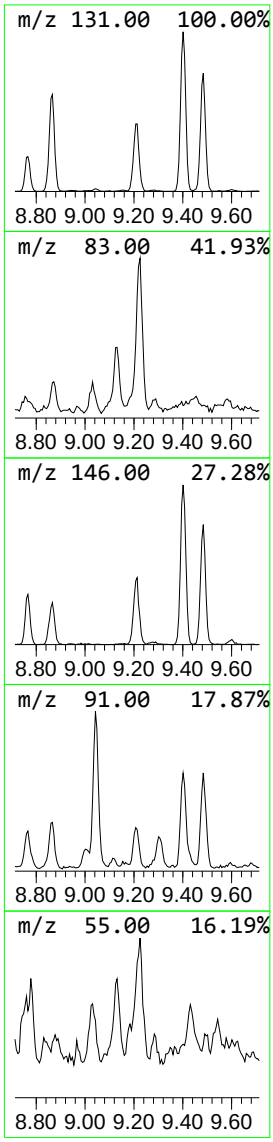
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.213	3.62 ng	641421	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58





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Acq On : 14 Jul 2025 18:27
Operator : CG/JU
Sample : Q2553-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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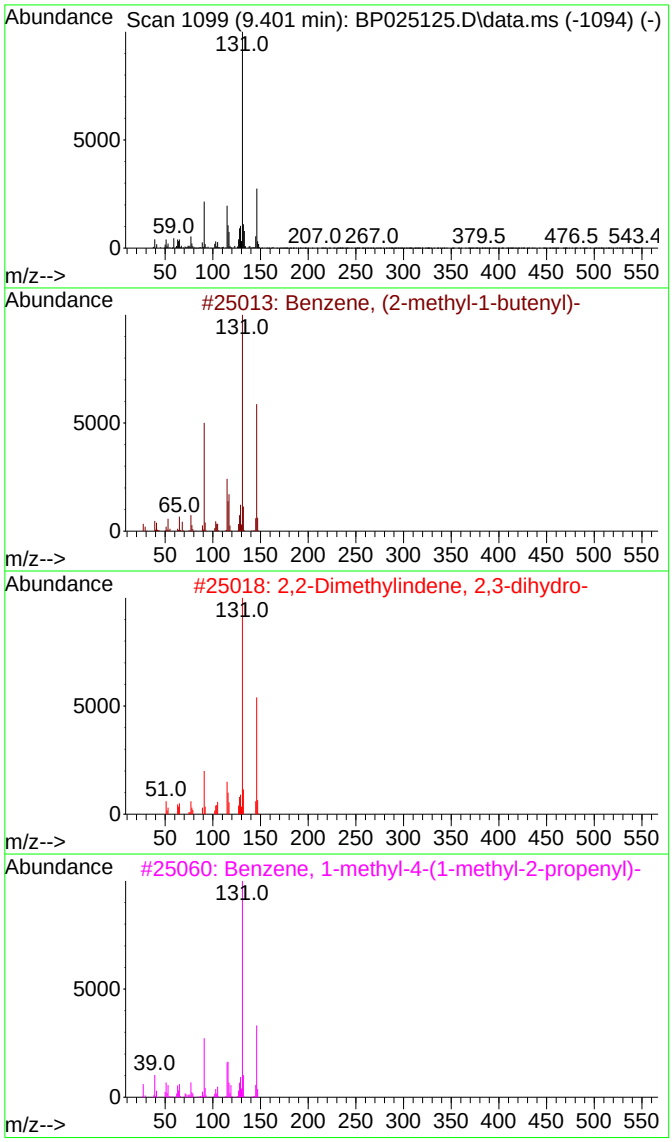
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

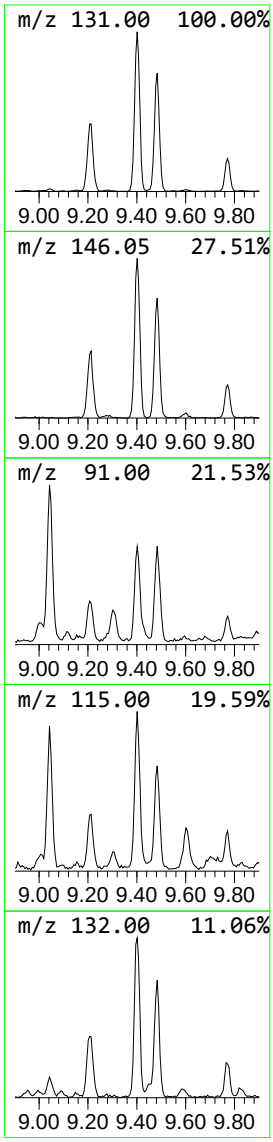
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.401	4.20 ng	744172	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





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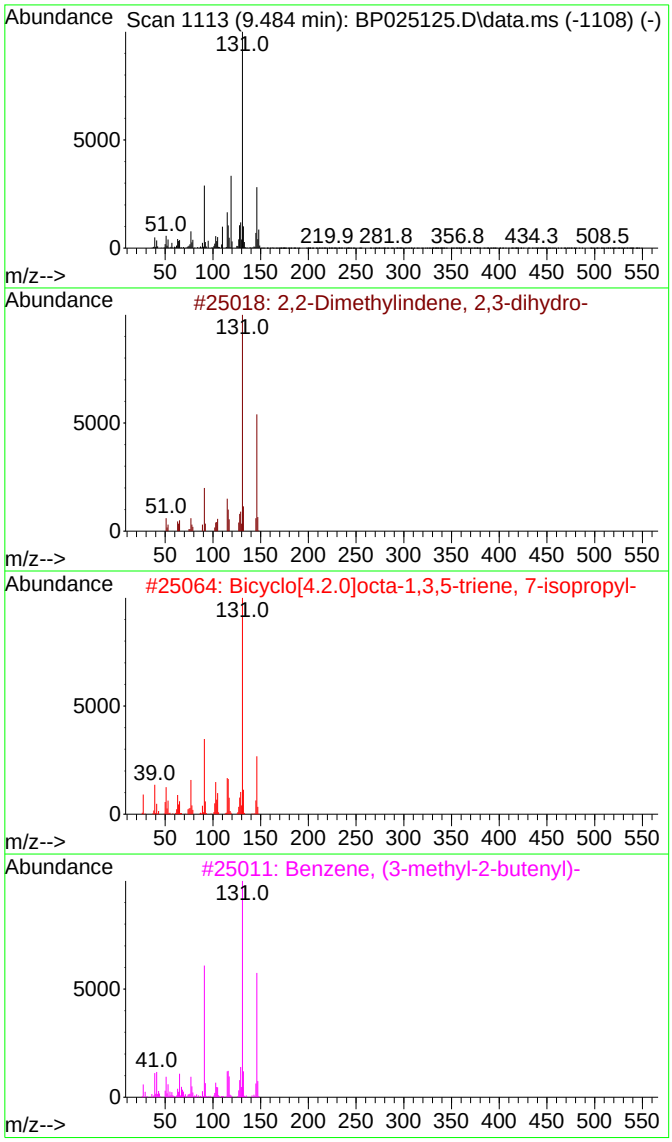
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

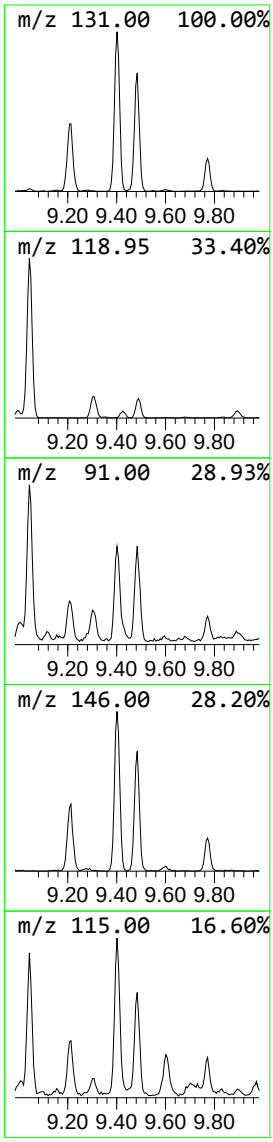
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,2-Dimethylindene, 2,3-dih... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	3.32 ng	588408	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





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

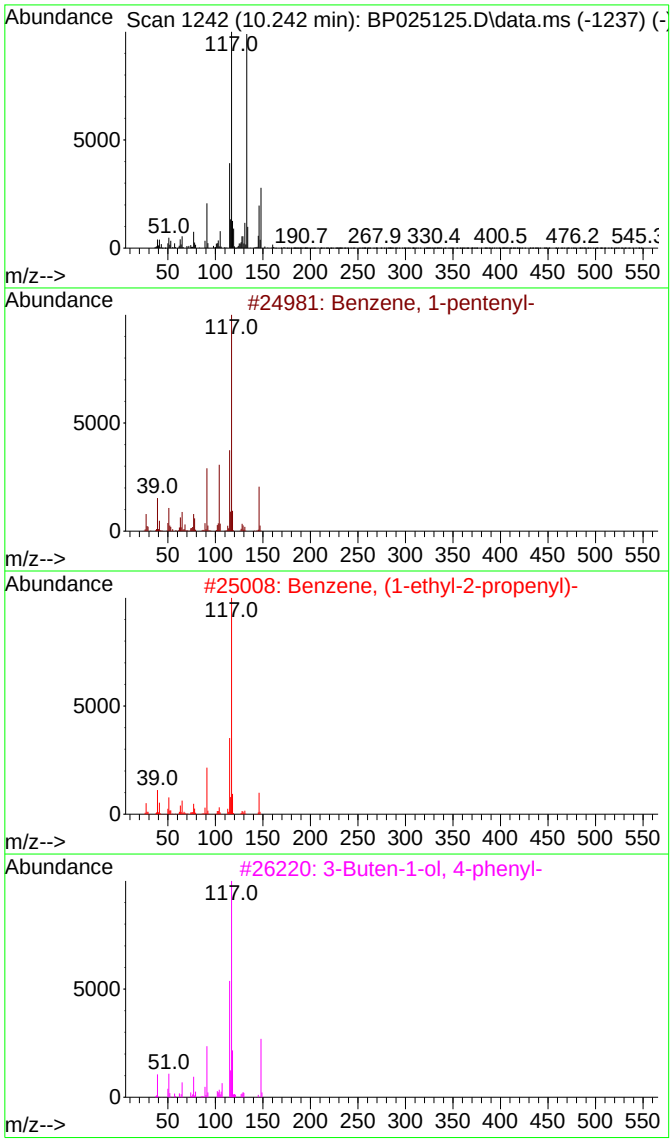
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

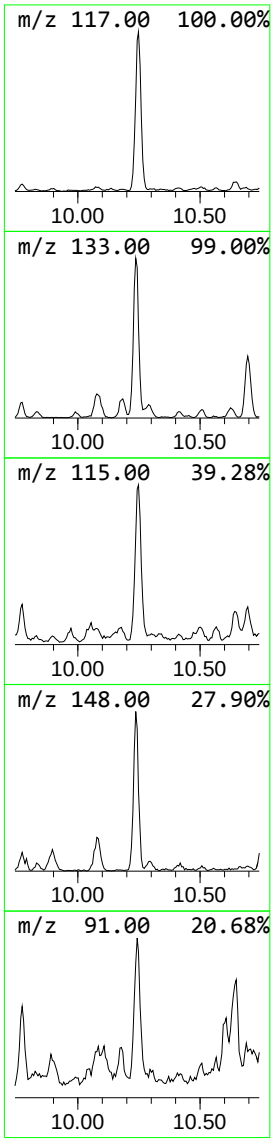
****

Peak Number 13 unknown10.242 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.242	3.65 ng	645551	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46
3	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	43
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	41
5	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	38





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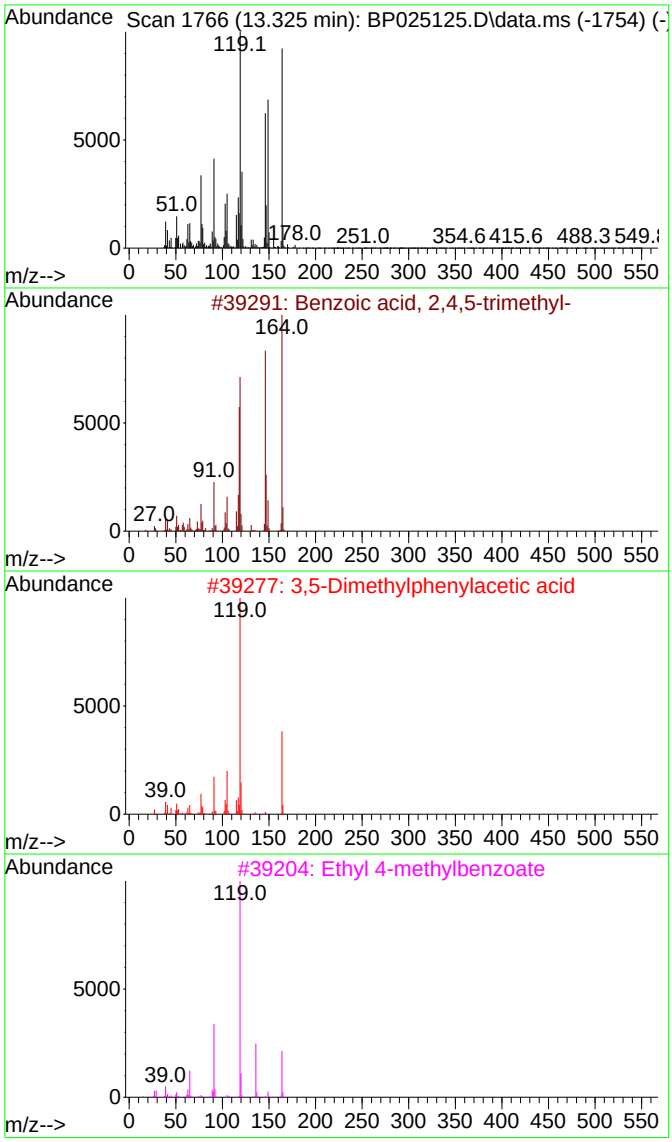
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

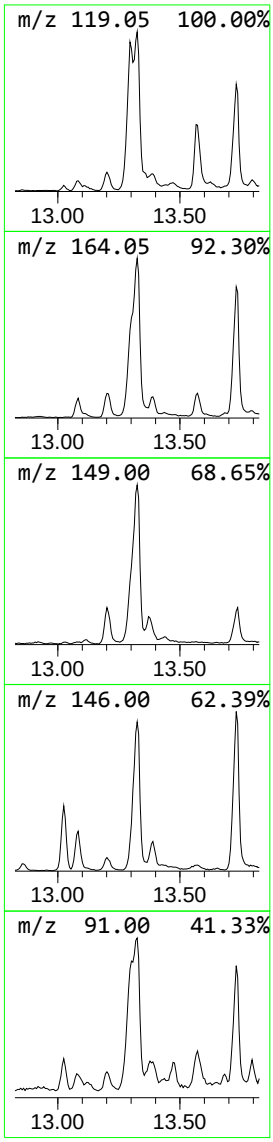
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	17.85 ng	3808630	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	87
2	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	60
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	55
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	53
5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

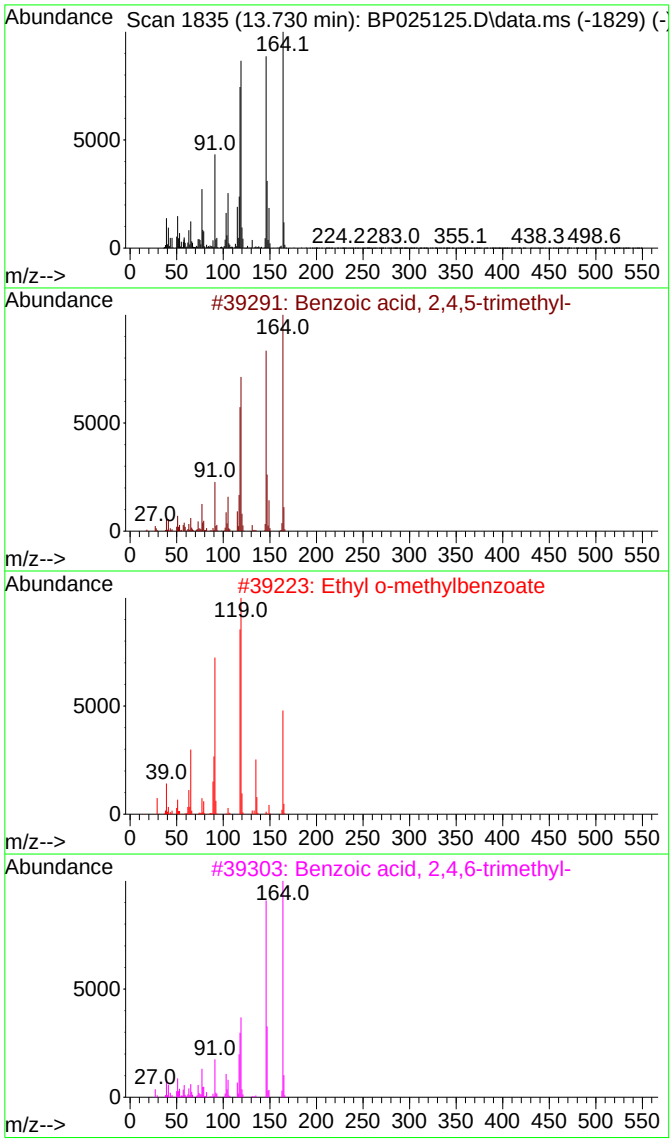
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

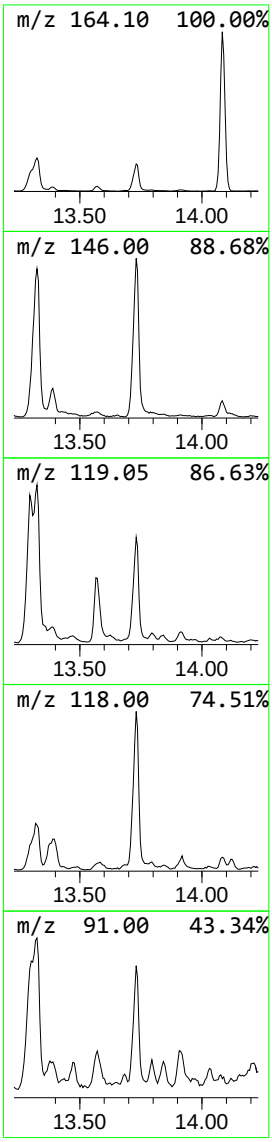
****

Peak Number 15 Ethyl o-methylbenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	7.16 ng	1527210	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	96
2	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	58
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
4	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	45
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41





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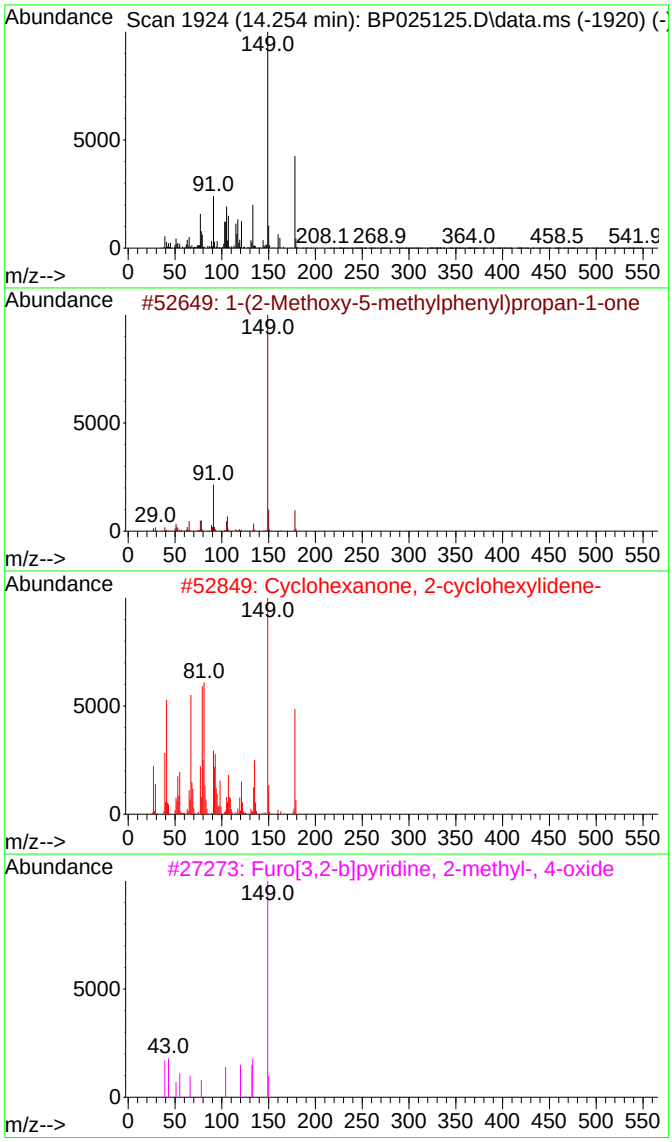
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

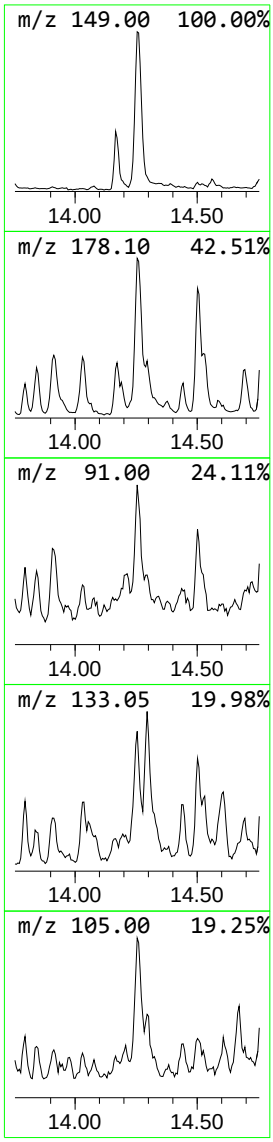
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-(2-Methoxy-5-methylphenyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.254	3.54 ng	755207	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-5-methylphenyl)prop...	178	C11H14O2	082620-73-3	53
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	52
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	46
4	Phthalic acid, mono-sec-butyl ester	222	C12H14O4	053623-59-9	43
5	Diethyl Phthalate	222	C12H14O4	000084-66-2	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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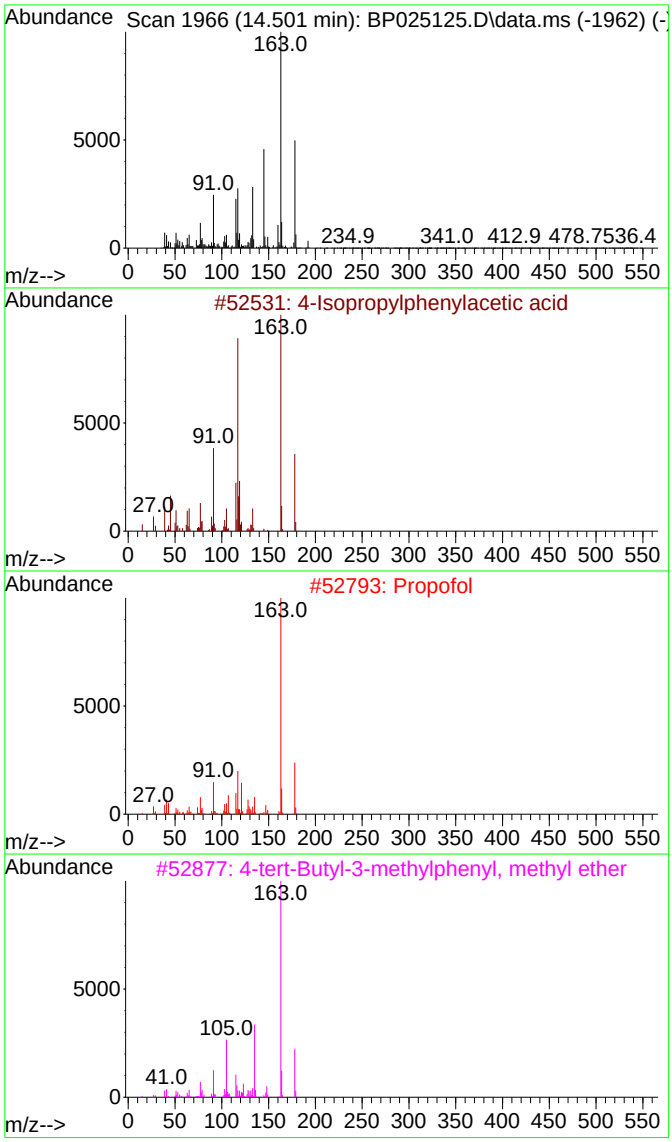
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

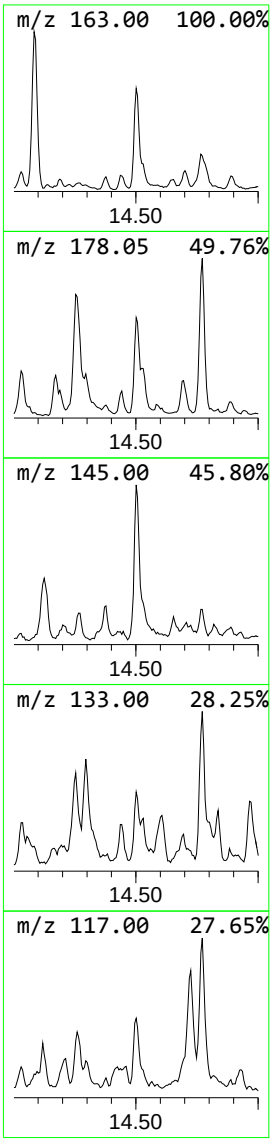
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.501	3.68 ng	785852	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	50
2	Propofol	178	C12H18O	002078-54-8	47
3	4-tert-Butyl-3-methylphenyl, met...	178	C12H18O	031268-79-8	46
4	Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	46
5	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	46





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ALS Vial : 6 Sample Multiplier: 1

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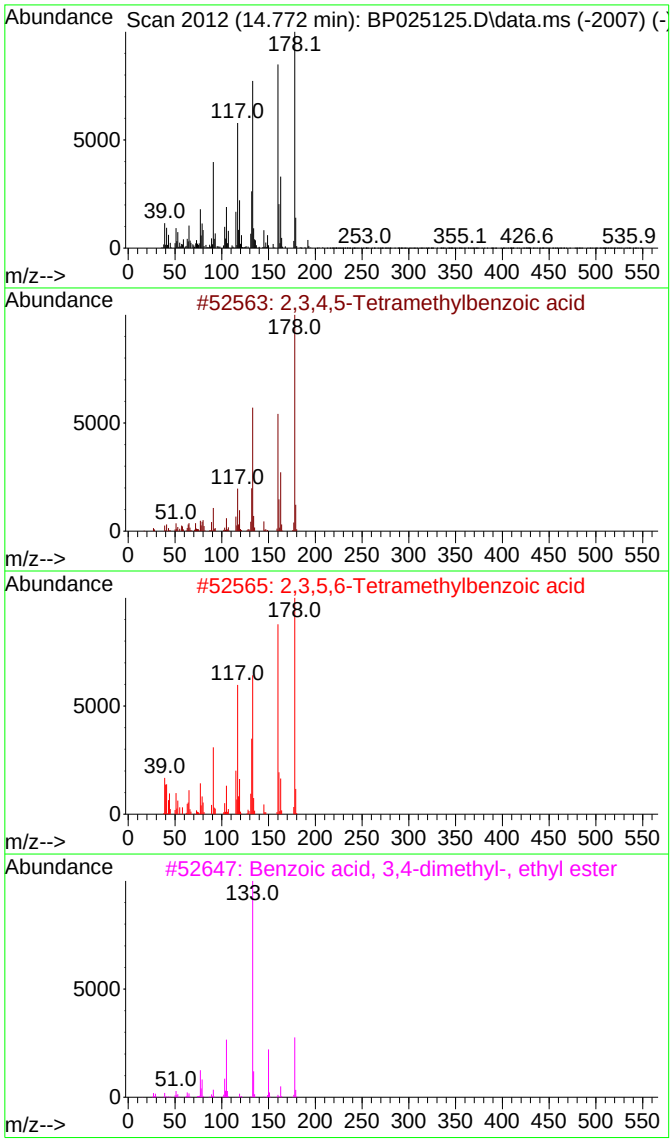
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

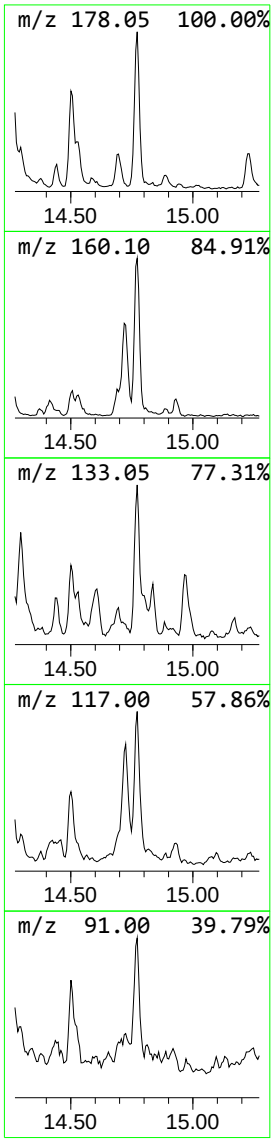
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,3,4,5-Tetramethylbenzoic ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.772	3.97 ng	847168	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	90
2	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	90
3	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	46
4	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	45
5	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

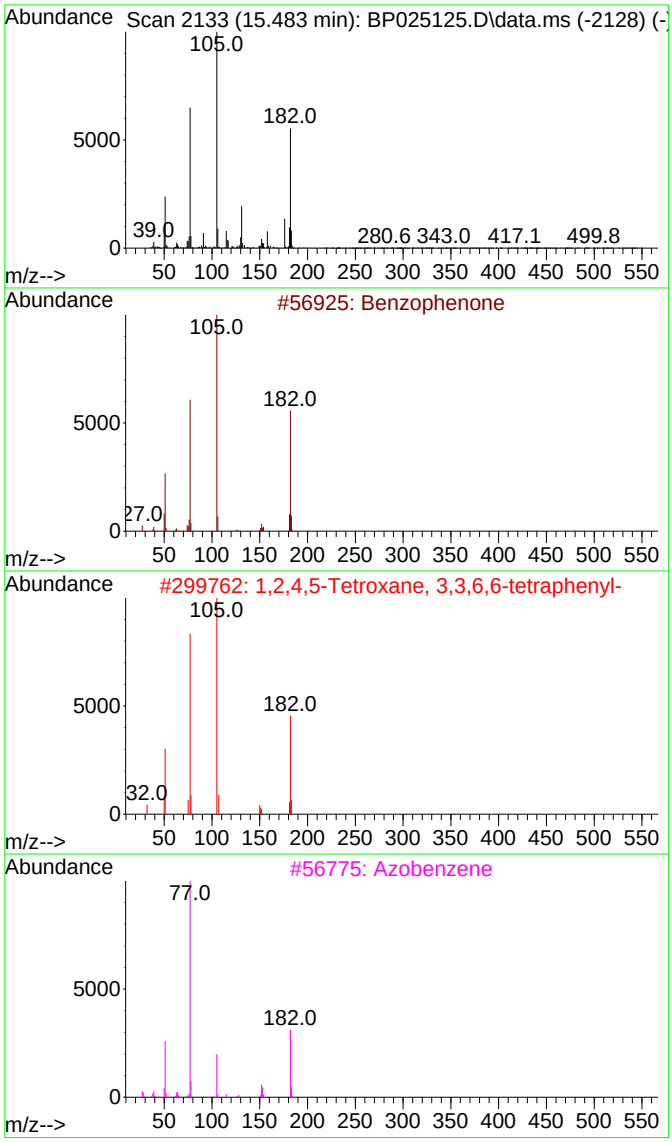
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

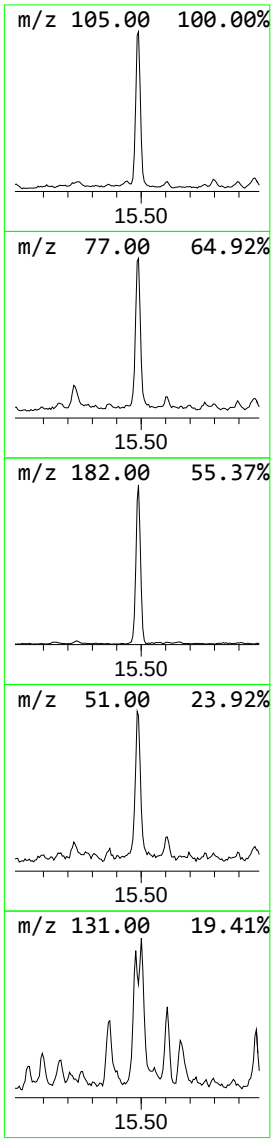
****

Peak Number 19 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.483	4.40 ng	939509	Acenaphthene-d10	14.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	59
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Benzoylacrylic acid	176	C10H8O3	000583-06-2	47
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38





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

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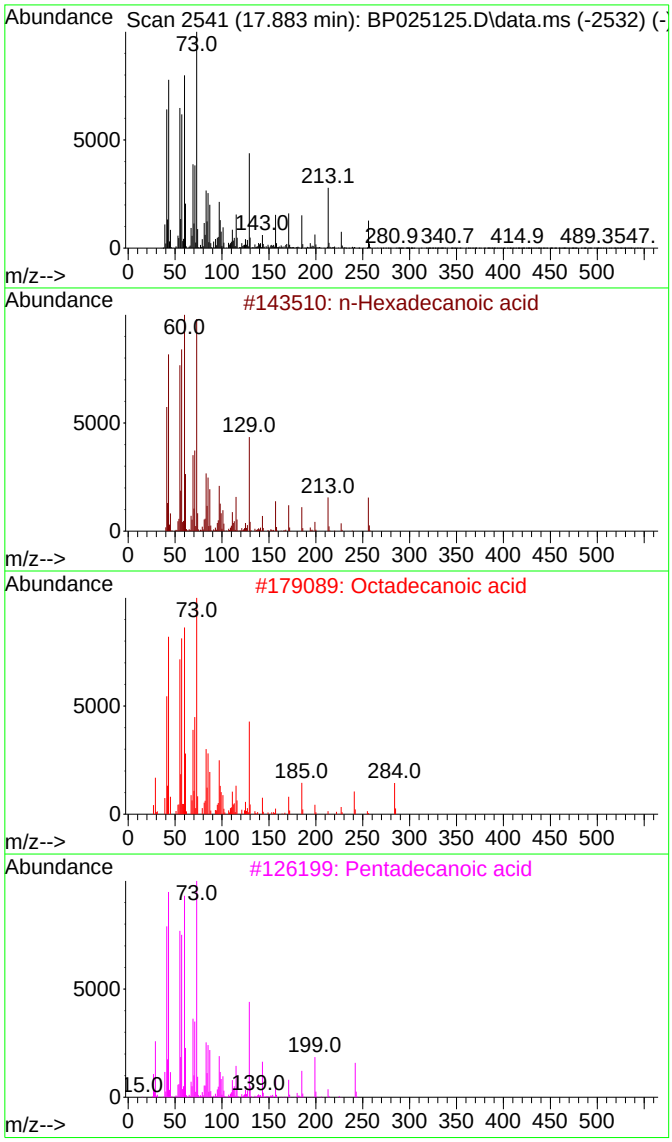
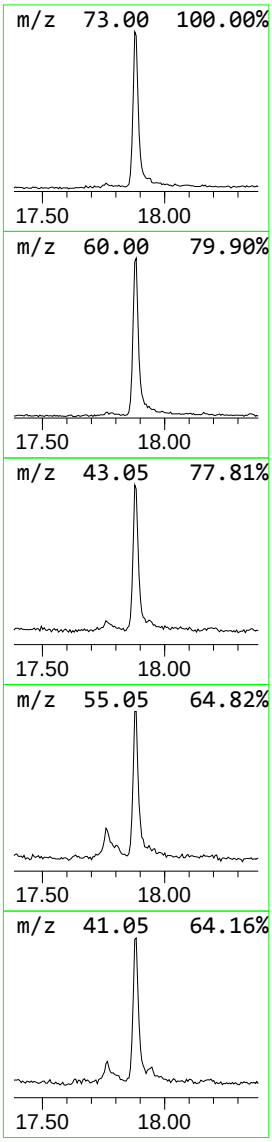
Peak Number 20 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	5.25 ng	1263300	Phenanthrene-d10	16.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentene, 1...	4.266	3.3	ng	407229	1	7.437	2439210	20.0
2-Pentanone, 4-...	4.654	4.0	ng	492100	1	7.437	2439210	20.0
Benzene, 1,4-di...	7.931	9.2	ng	1125860	1	7.437	2439210	20.0
Benzene, 1,2-di...	8.078	10.1	ng	1236660	1	7.437	2439210	20.0
1,3,8-p-Menthat...	8.125	5.2	ng	633541	1	7.437	2439210	20.0
unknown8.448	8.448	4.7	ng	575787	1	7.437	2439210	20.0
1,2-Dimethyl-cy...	8.690	4.0	ng	493748	1	7.437	2439210	20.0
Benzene, (1,1-d...	8.766	4.2	ng	517563	1	7.437	2439210	20.0
Benzene, 1,2,3,...	9.042	7.7	ng	1363540	2	10.178	3540740	20.0
1H-Indene, 2,3-...	9.213	3.6	ng	641421	2	10.178	3540740	20.0
Benzene, (2-met...	9.401	4.2	ng	744172	2	10.178	3540740	20.0
2,2-Dimethylind...	9.484	3.3	ng	588408	2	10.178	3540740	20.0
unknown10.242	10.242	3.6	ng	645551	2	10.178	3540740	20.0
Benzoic acid, 2...	13.325	17.9	ng	3808630	3	14.083	4267850	20.0
Ethyl o-methylb...	13.730	7.2	ng	1527210	3	14.083	4267850	20.0
1-(2-Methoxy-5-...	14.254	3.5	ng	755207	3	14.083	4267850	20.0
4-Isopropylphen...	14.501	3.7	ng	785852	3	14.083	4267850	20.0
2,3,4,5-Tetrame...	14.772	4.0	ng	847168	3	14.083	4267850	20.0
Benzophenone	15.483	4.4	ng	939509	3	14.083	4267850	20.0
n-Hexadecanoic ...	17.883	5.3	ng	1263300	4	16.907	4812640	20.0

Raw Data: **BP025126.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	11.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.30	J	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BP025126.D**

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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.9		15 (23) - 110 (138)	48%	SPK: 150
13127-88-3	Phenol-d6	42.7		15 (10) - 110 (134)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (67) - 130 (132)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.4		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	171	*	15 (44) - 110 (137)	114%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	357000	7.437			
1146-65-2	Naphthalene-d8	1360000	10.178			
15067-26-2	Acenaphthene-d10	849000	14.084			
1517-22-2	Phenanthrene-d10	1830000	16.895			
1719-03-5	Chrysene-d12	2430000	21.324			
1520-96-3	Perylene-d12	2990000	24.448			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		4.66	ug/L
	unknown6.690	14.7	J		6.69	ug/L
	unknown6.849	15.7	J		6.85	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.9	J		7.10	ug/L
	unknown7.555	48.1	J		7.55	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	72.6	J		7.81	ug/L
000105-05-5	Benzene, 1,4-diethyl-	21.3	J		7.93	ug/L

Raw Data: **BP025126.D**

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000141-93-5	Benzene, 1,3-diethyl-	15.2	J		8.07	ug/L
000135-01-3	Benzene, 1,2-diethyl-	7.20	J		8.12	ug/L
001074-17-5	Benzene, 1-methyl-2-propyl-	4.60	J		8.23	ug/L
002826-19-9	4,7-Methano-1H-indene, 2,3,3a,4,7,	4.60	J		8.43	ug/L
000527-84-4	o-Cymene	4.80	J		8.85	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	21.0	J		9.04	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	4.30	J		9.10	ug/L
000934-10-1	3-Phenylbut-1-ene	9.90	J		9.45	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	37.4	J		9.60	ug/L
006351-10-6	1H-Inden-1-ol, 2,3-dihydro-	7.00	J		10.8	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	5.00	J		11.6	ug/L
90-12-0	1-Methylnaphthalene	9.50	J		12.1	ug/L
055030-70-1	2-Butenoic acid, 2-propenylidene e	9.20	J		16.4	ug/L
000057-10-3	n-Hexadecanoic acid	4.10	J		17.9	ug/L

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

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

Sample Results: **BP025126.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Quant Time: Jul 14 19:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

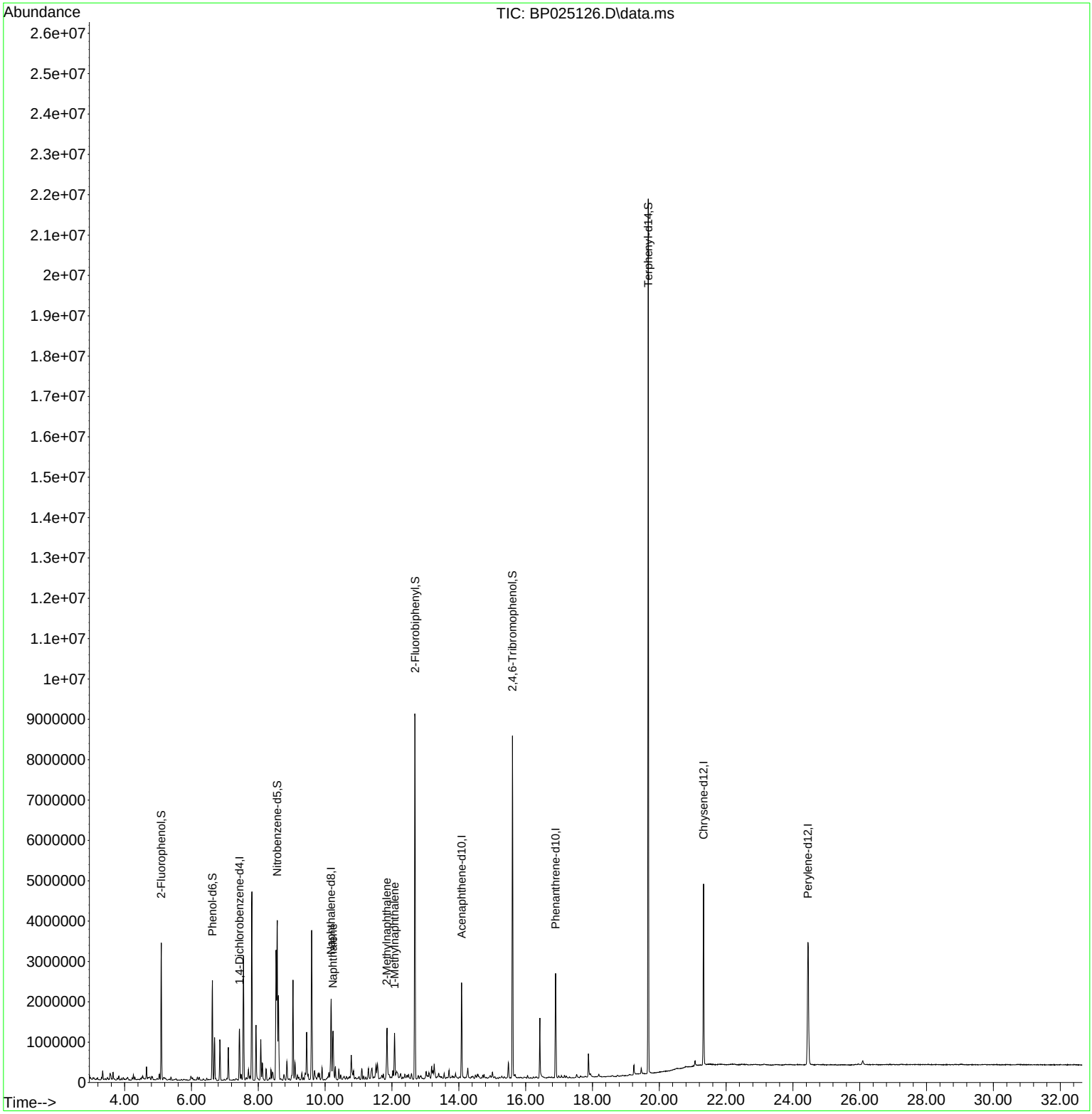
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	356736	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1359325	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	848645	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	1826157	20.000	ng		-0.01
76) Chrysene-d12	21.324	240	2432841	20.000	ng		-0.02
86) Perylene-d12	24.448	264	2988381	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	1448557	71.948	ng		0.00
7) Phenol-d6	6.625	99	1121205	42.674	ng		0.00
23) Nitrobenzene-d5	8.566	82	2104039	102.940	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	1717749	171.341	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	5059470	92.359	ng		0.00
79) Terphenyl-d14	19.672	244	9975517	90.117	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.231	128	775167	11.075	ng		99
37) 2-Methylnaphthalene	11.848	142	210250	4.257	ng		99
38) 1-Methylnaphthalene	12.078	142	459616	9.542	ng	#	99

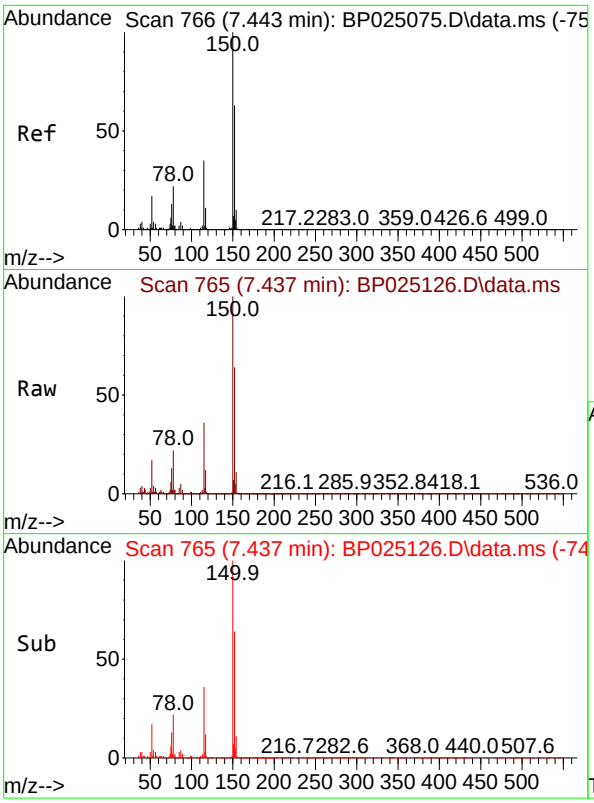
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Quant Time: Jul 14 19:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



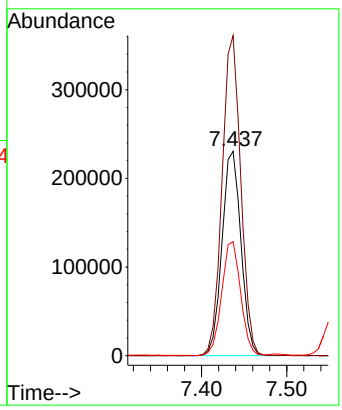


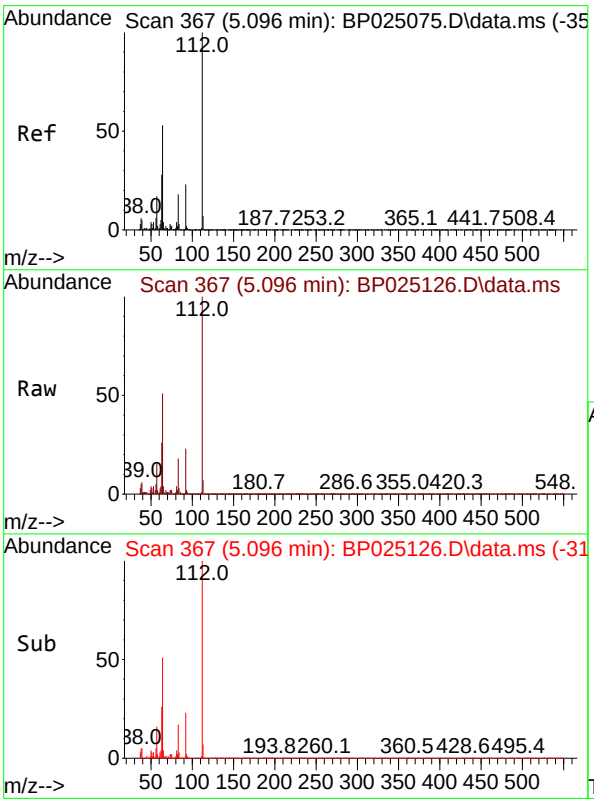
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:152 Resp: 356736

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.1	189.1
115	55.8	44.3	66.5

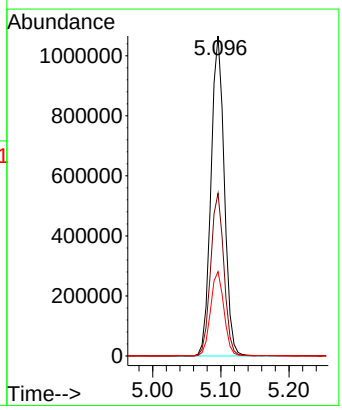


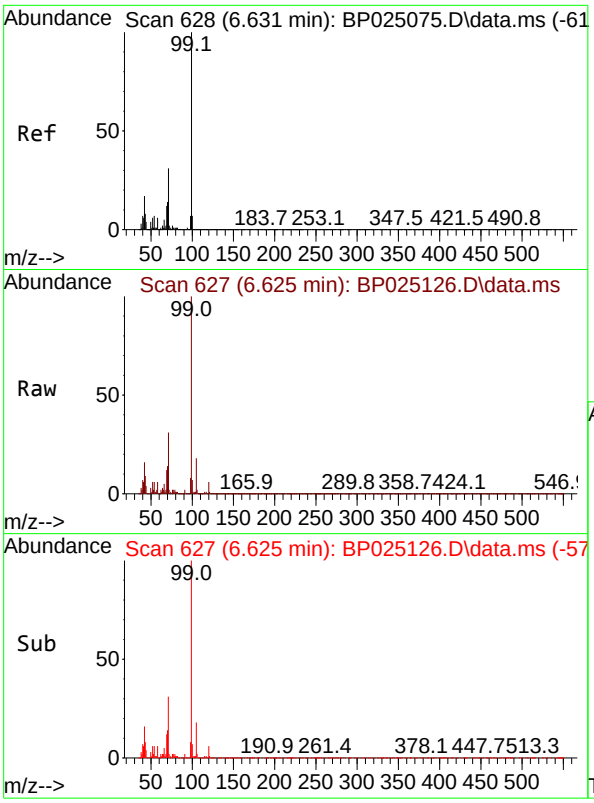


#5
2-Fluorophenol
Concen: 71.948 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:112 Resp: 1448557

Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.0	63.0
63	26.3	22.2	33.2



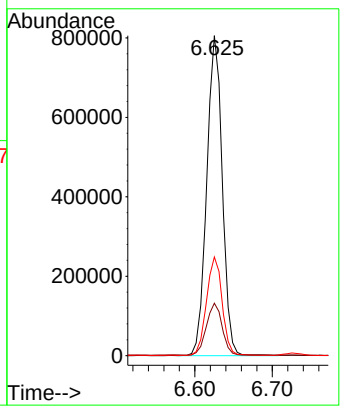


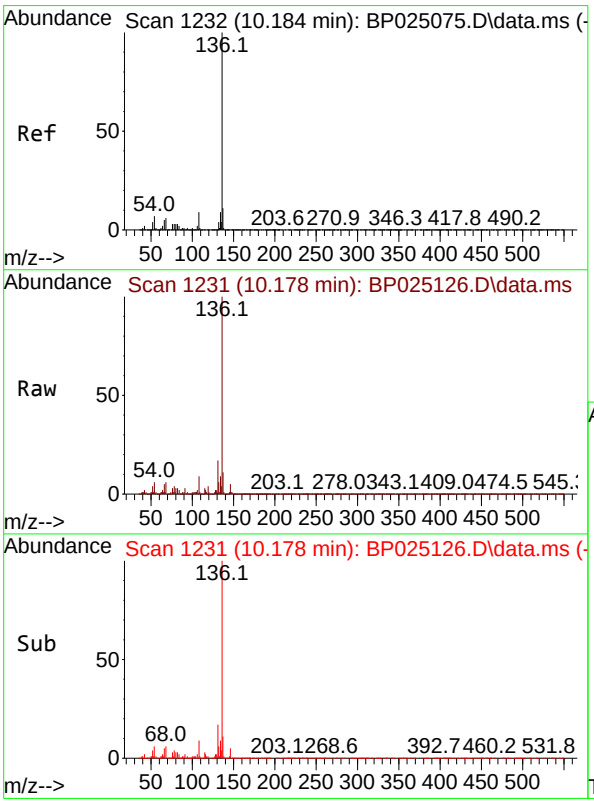
#7
Phenol-d6
Concen: 42.674 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion: 99 Resp: 1121205

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	30.9	24.4	36.6

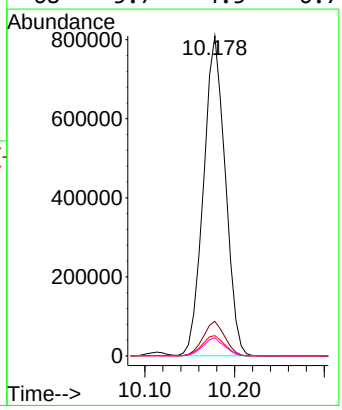


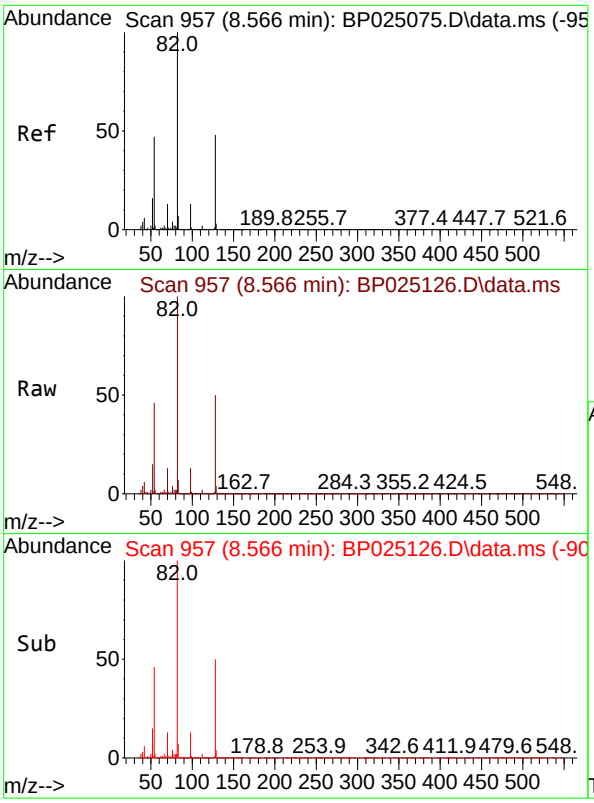


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:136 Resp: 1359325

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.4	8.2
68	5.7	4.5	6.7



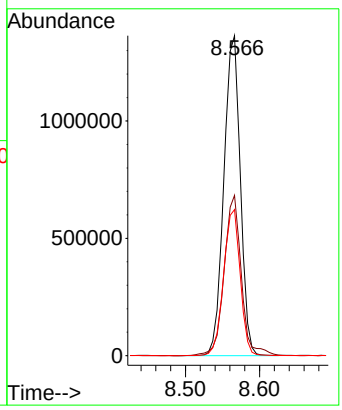


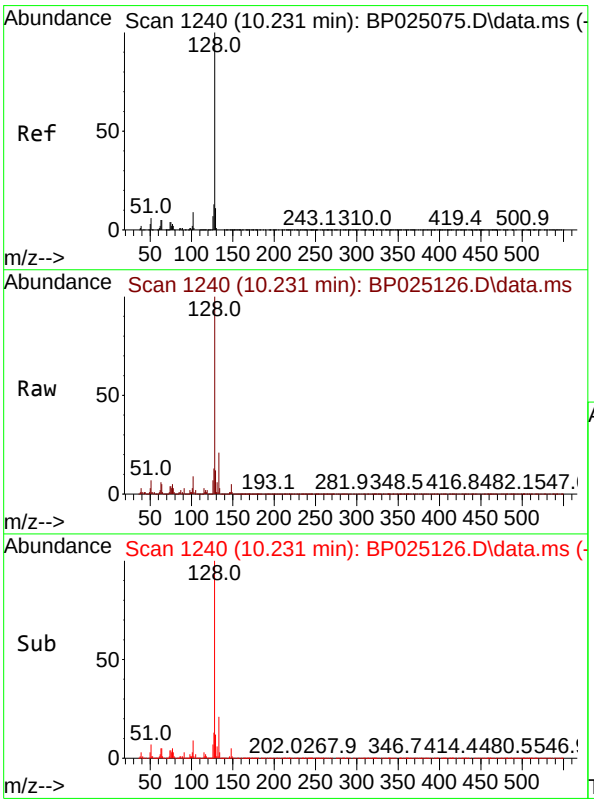
#23
Nitrobenzene-d5
Concen: 102.940 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion: 82 Resp: 2104039

Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.4	57.6
54	45.6	37.8	56.6

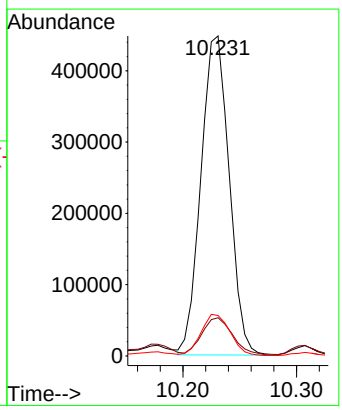


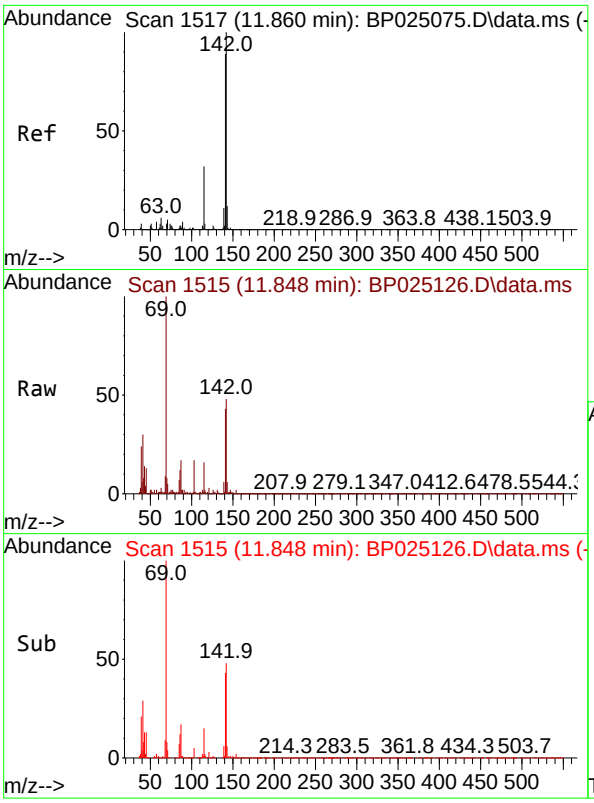


#31
Naphthalene
Concen: 11.075 ng
RT: 10.231 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:128 Resp: 775167

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	12.7	10.4	15.6



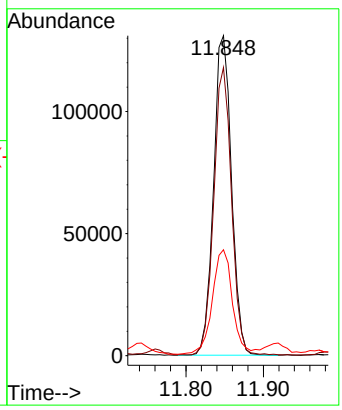


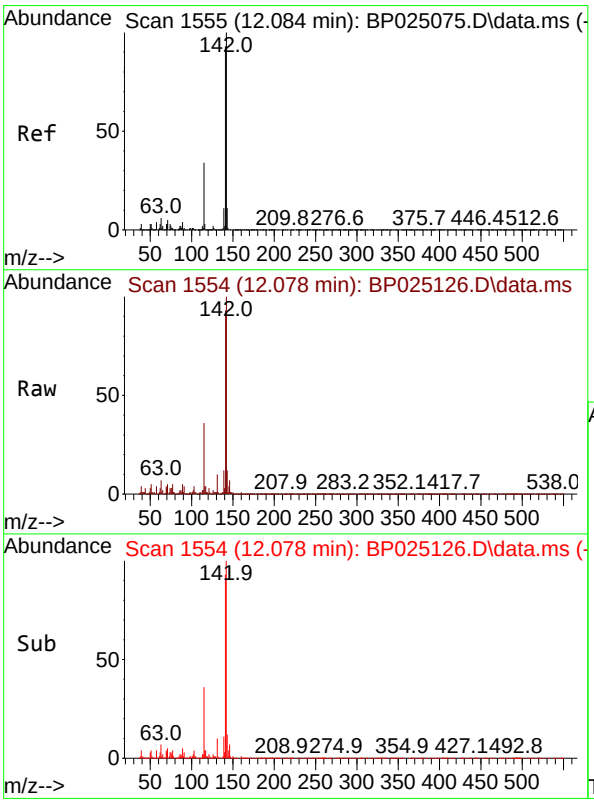
#37
2-Methylnaphthalene
Concen: 4.257 ng
RT: 11.848 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:142 Resp: 210250

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8
115	33.1	25.9	38.9

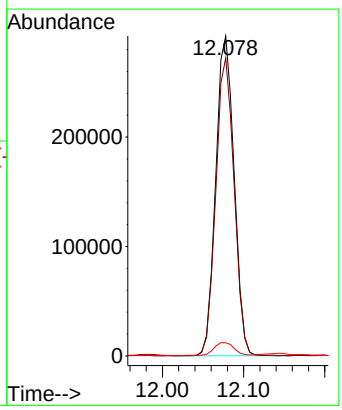


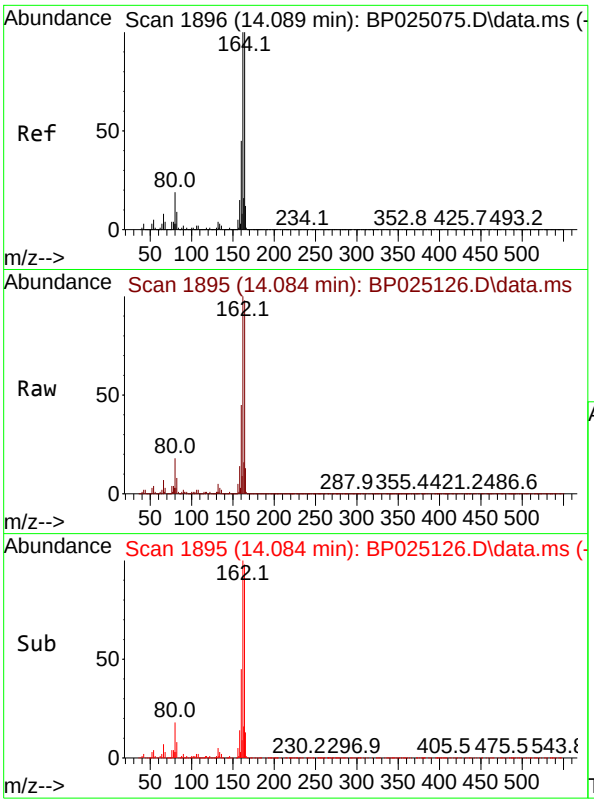


#38
1-Methylnaphthalene
Concen: 9.542 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:142 Resp: 459616

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.1	111.1
116	4.1	2.7	4.1#



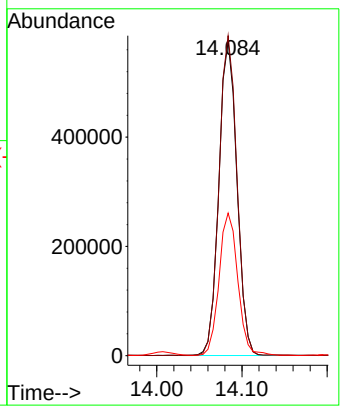


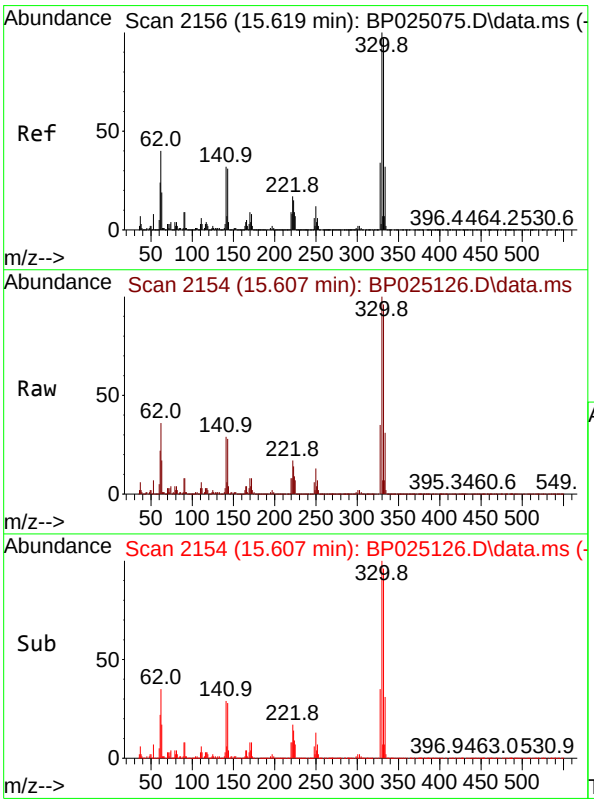
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:164 Resp: 848645

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	45.4	35.9	53.9

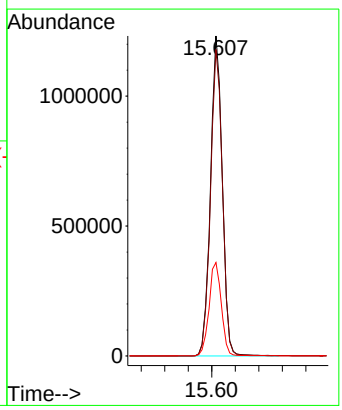


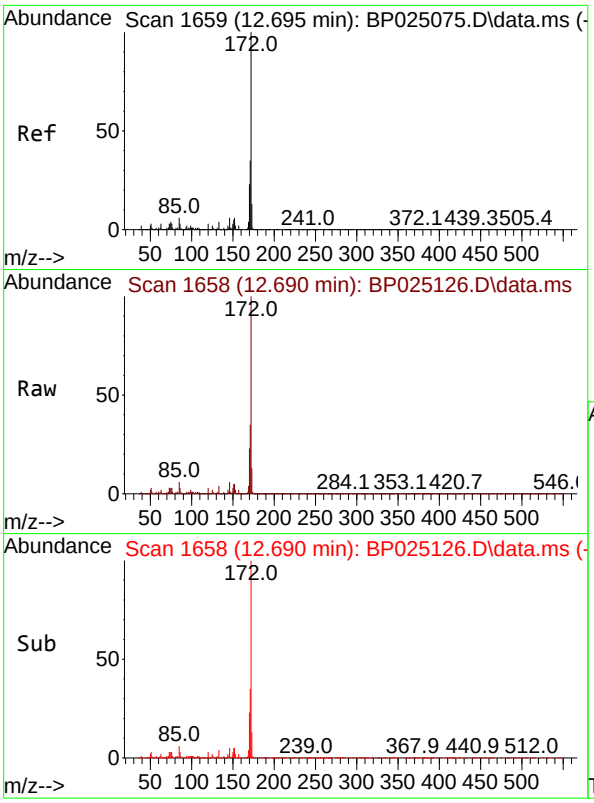


#42
2,4,6-Tribromophenol
Concen: 171.341 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:330 Resp: 1717749

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	30.2	26.0	39.0



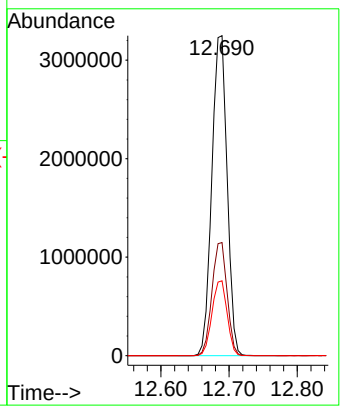


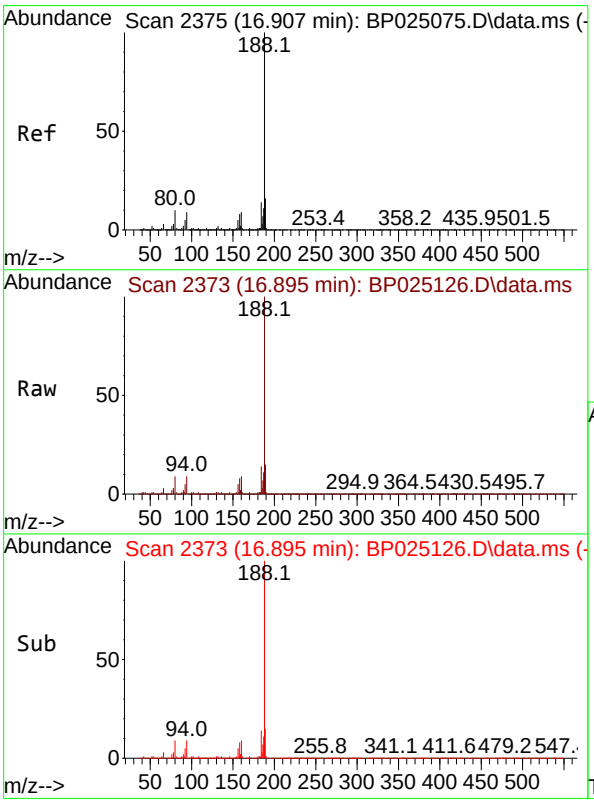
#45
2-Fluorobiphenyl
Concen: 92.359 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:172 Resp: 5059470

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.4	18.7	28.1

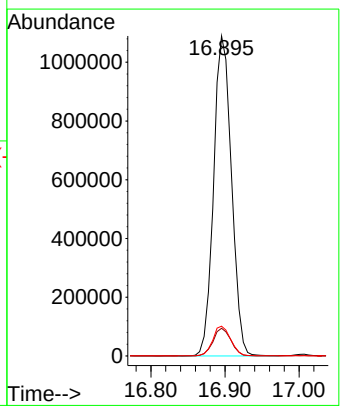


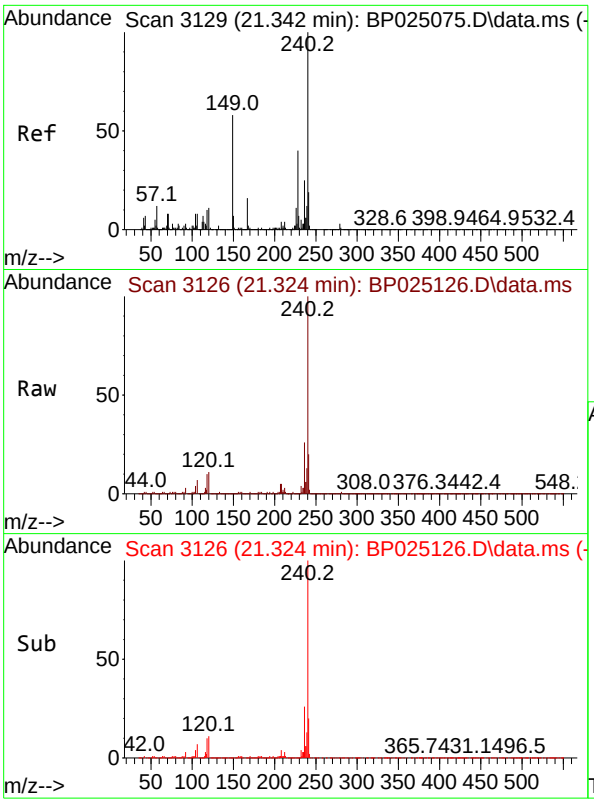


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:188 Resp: 1826157

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.3	7.8	11.6



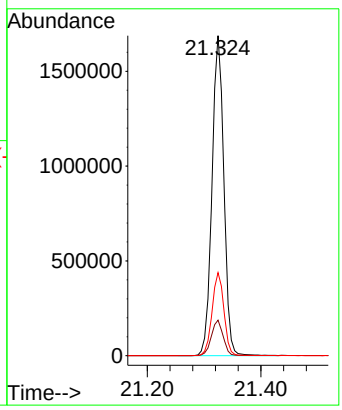


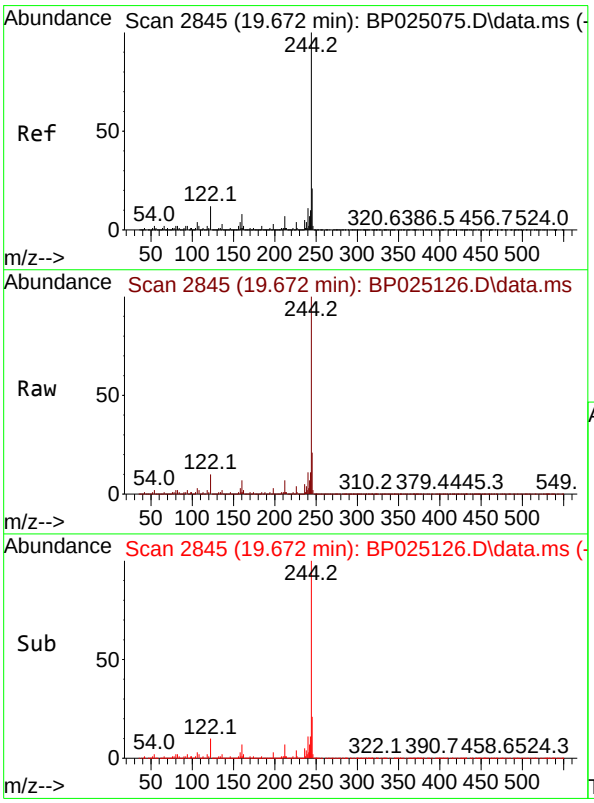
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:240 Resp: 2432841

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	26.0	20.3	30.5

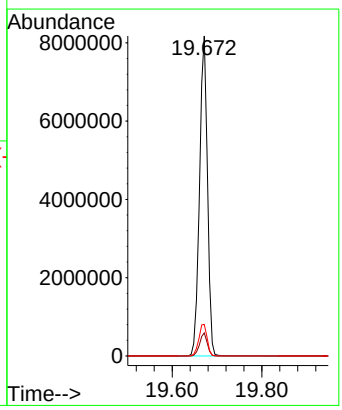


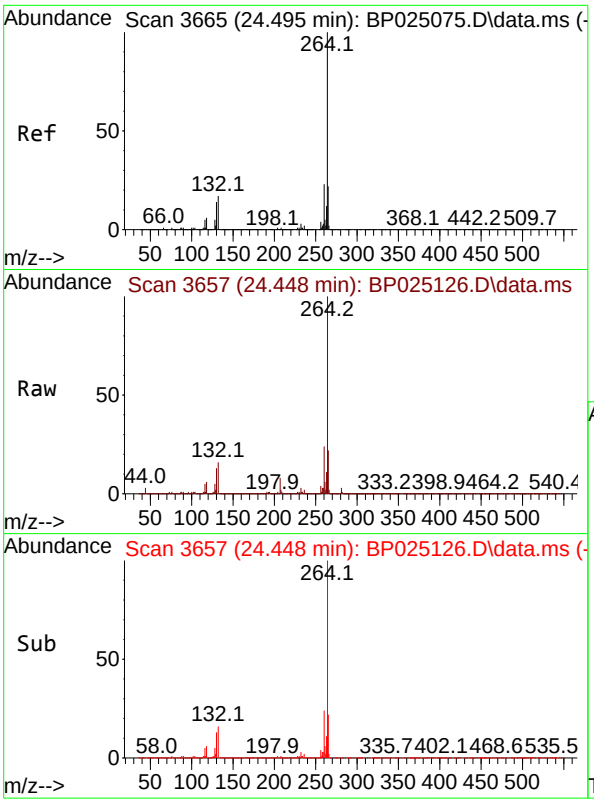


#79
Terphenyl-d14
Concen: 90.117 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Tgt Ion:244 Resp: 9975517

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.8	9.4	14.2



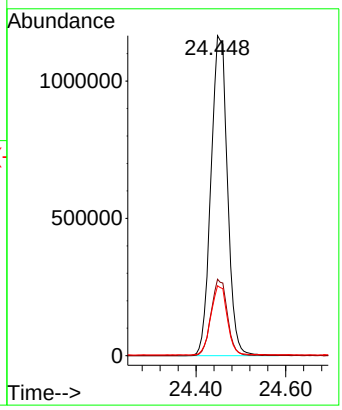


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP025126.D
Acq: 14 Jul 2025 19:09

Instrument :
BNA_P
ClientSampleId :
AOC-203

Tgt Ion:264 Resp: 2988381

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5



Sample Results: **BP025126.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.343	65	69	75	rVB3	212779	311103	1.18%	0.193%
2	4.655	284	292	296	rBV	311451	428802	1.63%	0.266%
3	5.096	361	367	374	rVB	3393653	4584054	17.40%	2.840%
4	6.625	620	627	633	rBV2	2460355	3720445	14.12%	2.305%
5	6.690	633	638	643	rBV	1033004	1439599	5.46%	0.892%
6	6.849	654	665	673	rBV	1014880	1536297	5.83%	0.952%
7	7.102	703	708	715	rVB	811078	1259212	4.78%	0.780%
8	7.437	758	765	770	rBV	1265851	1956743	7.43%	1.212%
9	7.555	779	785	793	rVB	3076158	4702347	17.84%	2.913%
10	7.707	806	811	815	rBV	229601	317775	1.21%	0.197%
11	7.807	821	828	837	rVB	4675881	7103816	26.96%	4.401%
12	7.931	840	849	857	rBV	1369767	2080268	7.89%	1.289%
13	8.072	867	873	878	rBV	1006640	1485592	5.64%	0.920%
14	8.119	878	881	892	rVB	428569	702036	2.66%	0.435%
15	8.231	894	900	907	rVB	284671	445919	1.69%	0.276%
16	8.378	921	925	929	rBV	236137	332898	1.26%	0.206%
17	8.425	929	933	944	rVB4	198922	452977	1.72%	0.281%
18	8.531	944	951	953	rBV	3220134	4926245	18.69%	3.052%
19	8.566	953	957	960	rVV	3939338	6229505	23.64%	3.859%
20	8.602	960	963	971	rVB2	2079281	3309960	12.56%	2.050%
21	8.766	984	991	1000	rBV5	137601	290080	1.10%	0.180%
22	8.854	1000	1006	1013	rBV2	465905	805046	3.06%	0.499%
23	9.037	1032	1037	1043	rVB	2432730	3538858	13.43%	2.192%
24	9.096	1043	1047	1055	rVB	429030	730344	2.77%	0.452%
25	9.302	1075	1082	1087	rBV2	176183	286043	1.09%	0.177%
26	9.402	1094	1099	1102	rBV3	167980	310488	1.18%	0.192%
27	9.449	1102	1107	1112	rVB	1098474	1656287	6.29%	1.026%
28	9.596	1121	1132	1141	rVB2	3705786	6294938	23.89%	3.900%
29	9.684	1141	1147	1158	rVV4	227417	546153	2.07%	0.338%
30	9.790	1158	1165	1168	rVV4	165239	358538	1.36%	0.222%
31	9.907	1176	1185	1191	rVB	307314	534316	2.03%	0.331%
32	10.178	1223	1231	1236	rBV	1935783	3363857	12.77%	2.084%
33	10.237	1236	1241	1249	rVV2	1158185	2429457	9.22%	1.505%
34	10.307	1249	1253	1263	rVB	326550	515586	1.96%	0.319%
35	10.407	1263	1270	1275	rBV	262609	453984	1.72%	0.281%
36	10.784	1328	1334	1342	rBV2	570058	1175706	4.46%	0.728%

Sample Results: **BP025126.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.848	1342	1345	1350	rVB	207877	307986	1.17%	0.191%
38	11.096	1381	1387	1392	rBV	264289	444074	1.69%	0.275%
39	11.296	1413	1421	1429	rBV	270909	510270	1.94%	0.316%
40	11.401	1429	1439	1444	rVV3	258836	666413	2.53%	0.413%
41	11.519	1452	1459	1462	rBV	322524	567547	2.15%	0.352%
42	11.566	1462	1467	1474	rVB2	378211	843015	3.20%	0.522%
43	11.854	1505	1516	1524	rBV2	1279866	2770125	10.51%	1.716%
44	12.025	1540	1545	1548	rBV2	177399	287750	1.09%	0.178%
45	12.078	1548	1554	1559	rVV	1111549	1873459	7.11%	1.161%
46	12.143	1559	1565	1575	rVV6	171601	626241	2.38%	0.388%
47	12.260	1578	1585	1591	rVB3	129571	300296	1.14%	0.186%
48	12.584	1634	1640	1650	rVB2	141801	307093	1.17%	0.190%
49	12.684	1650	1657	1664	rBV	9060240	14096740	53.50%	8.733%
50	13.025	1703	1715	1718	rBV2	187283	401066	1.52%	0.248%
51	13.190	1737	1743	1746	rBV2	291618	506066	1.92%	0.313%
52	13.260	1752	1755	1766	rVB	331635	670991	2.55%	0.416%
53	13.707	1826	1831	1838	rVB	191847	294236	1.12%	0.182%
54	13.901	1859	1864	1878	rVB4	127280	291547	1.11%	0.181%
55	14.084	1888	1895	1904	rBV	2359484	3607632	13.69%	2.235%
56	14.266	1919	1926	1936	rVB4	240691	483801	1.84%	0.300%
57	15.484	2127	2133	2142	rVB	383563	671555	2.55%	0.416%
58	15.607	2147	2154	2161	rBV	8477726	12050920	45.73%	7.465%
59	16.425	2288	2293	2310	rBV	1484739	2026425	7.69%	1.255%
60	16.895	2366	2373	2384	rBV2	2590980	4399676	16.70%	2.726%
61	17.878	2535	2540	2547	rBV	575856	892234	3.39%	0.553%
62	19.242	2767	2772	2782	rBV	241935	424483	1.61%	0.263%
63	19.672	2839	2845	2850	rBV	21660830	26351256	100.00%	16.324%
64	21.324	3120	3126	3135	rBV	4476294	6454608	24.49%	3.998%
65	24.448	3649	3657	3670	rVB	3019597	7683244	29.16%	4.760%

Sum of corrected areas: 161426023

Sample Results: **BP025126.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

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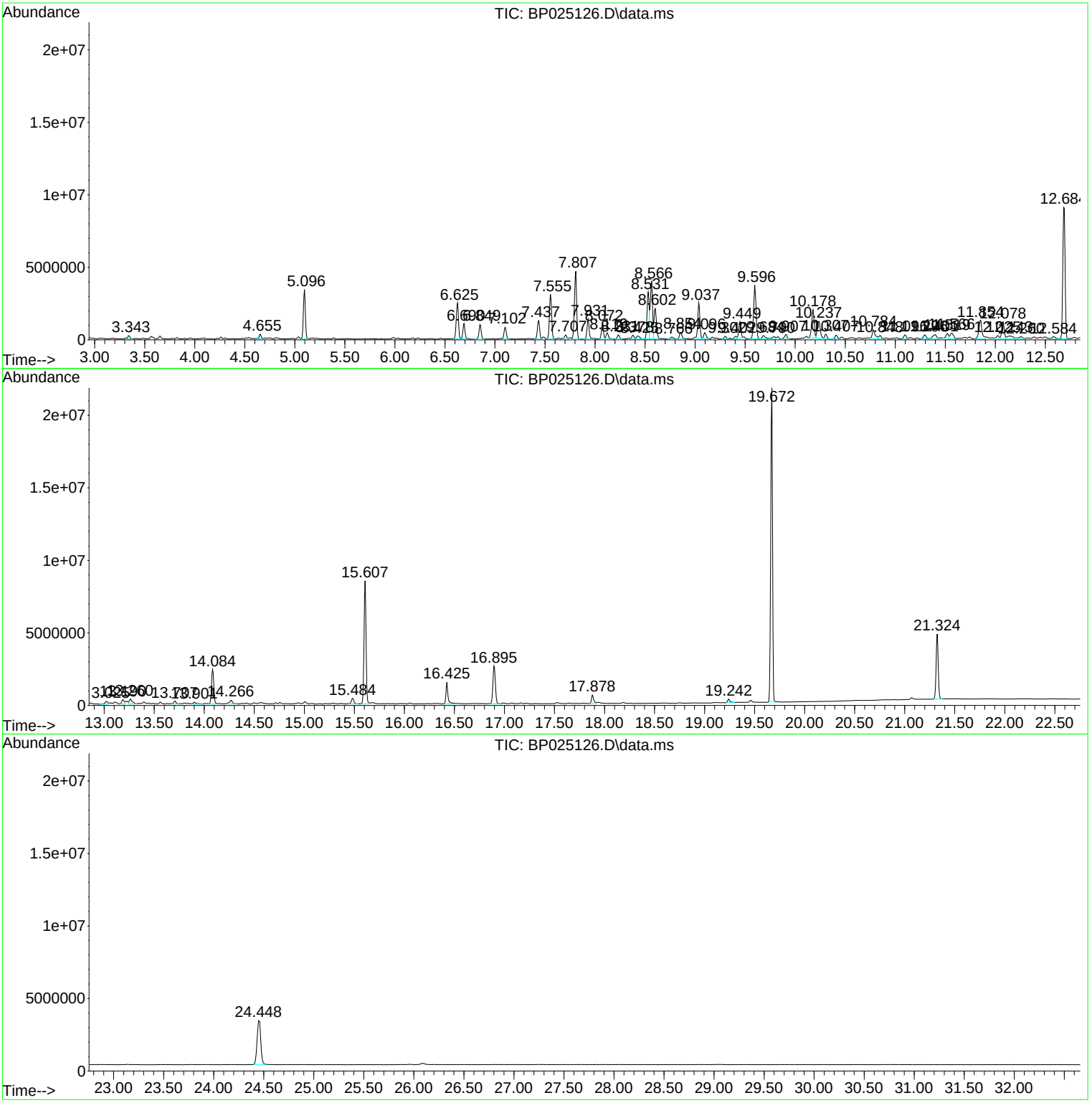
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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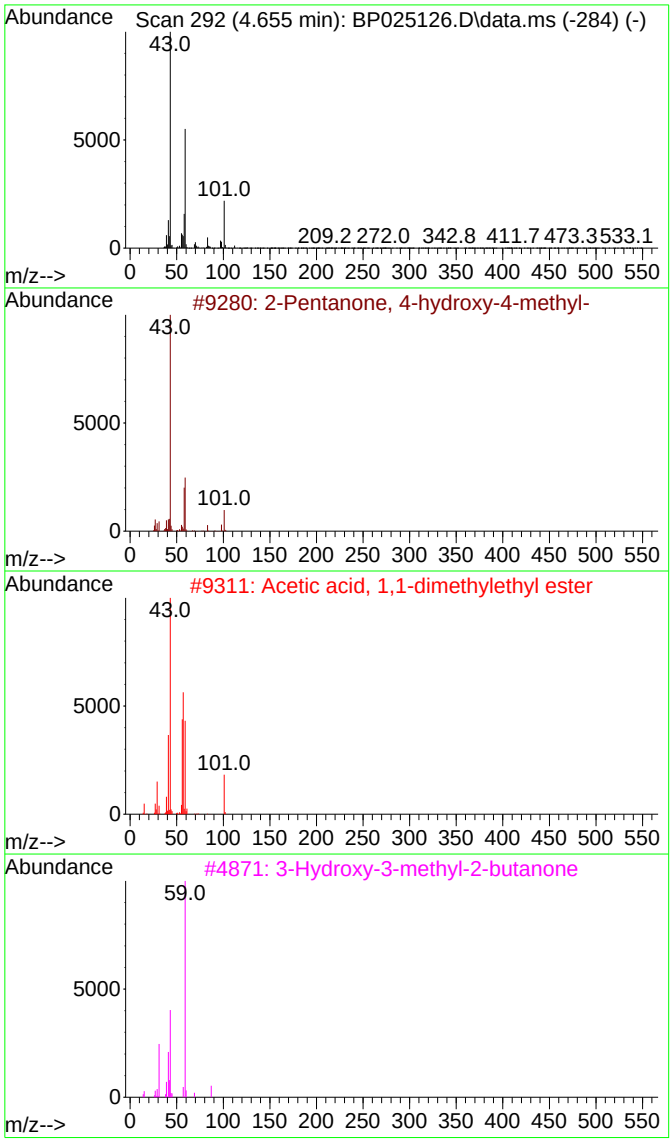
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

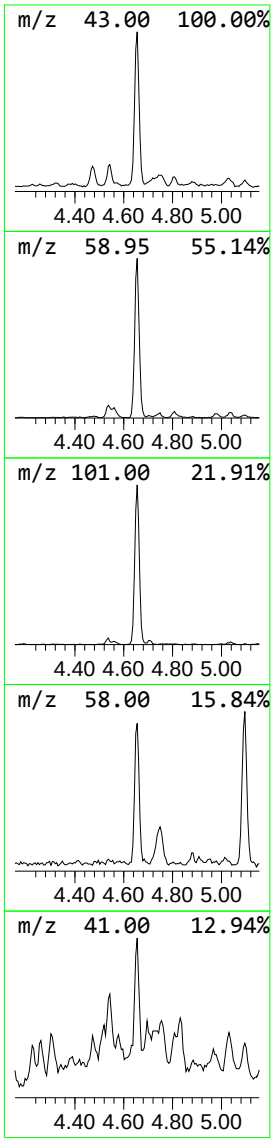
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.655	4.38 ng	428802	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	17





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

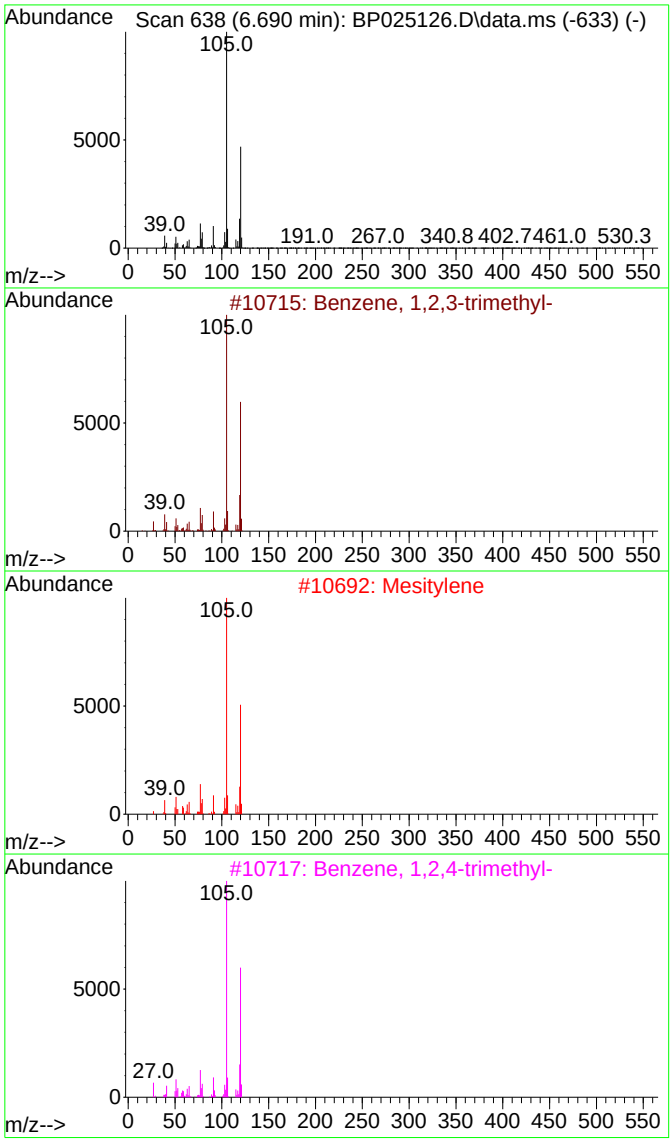
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

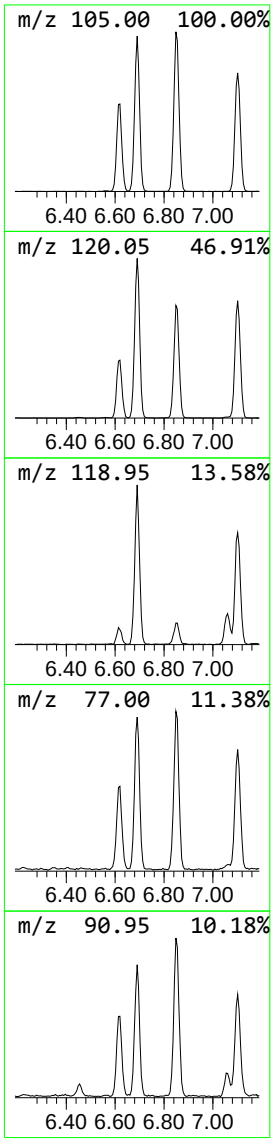
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.690	14.71 ng	1439600	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

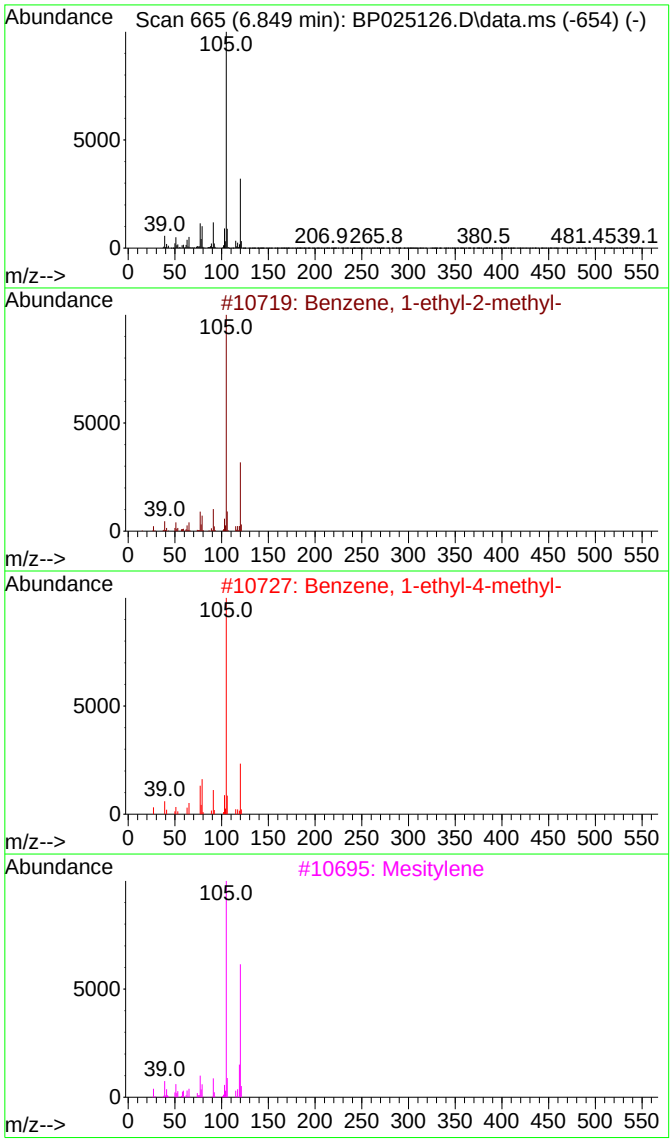
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

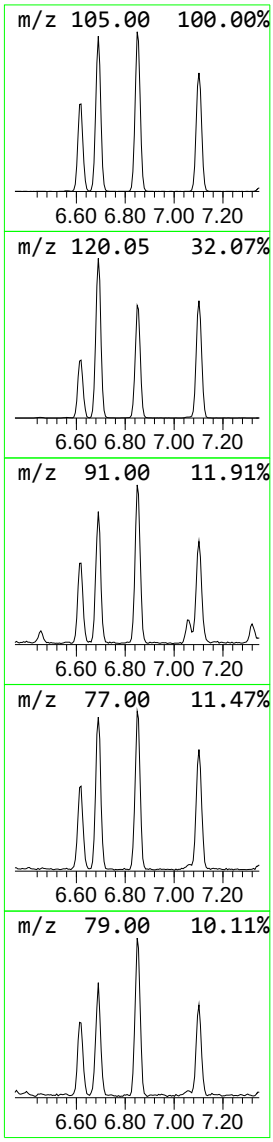
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.849	15.70 ng	1536300	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

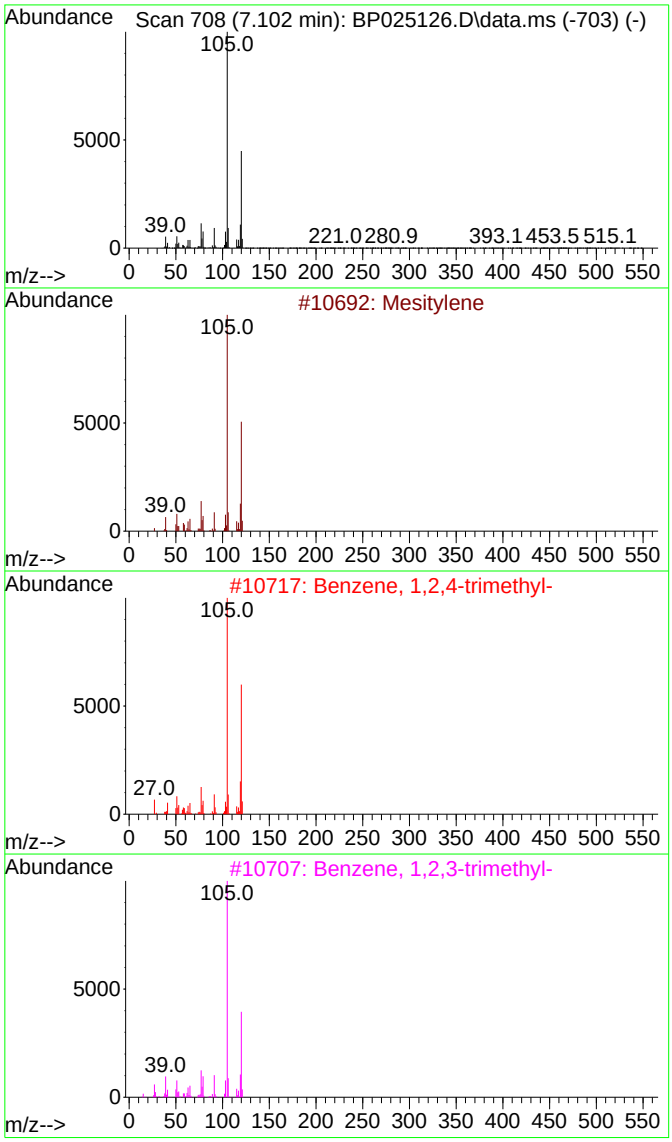
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

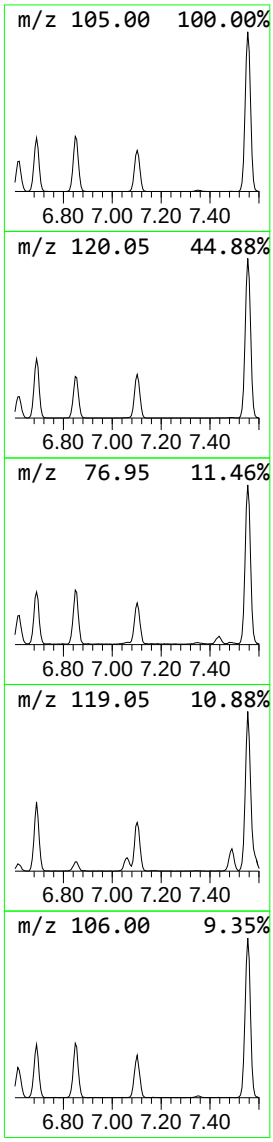
****

Peak Number 4 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.102	12.87 ng	1259210	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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

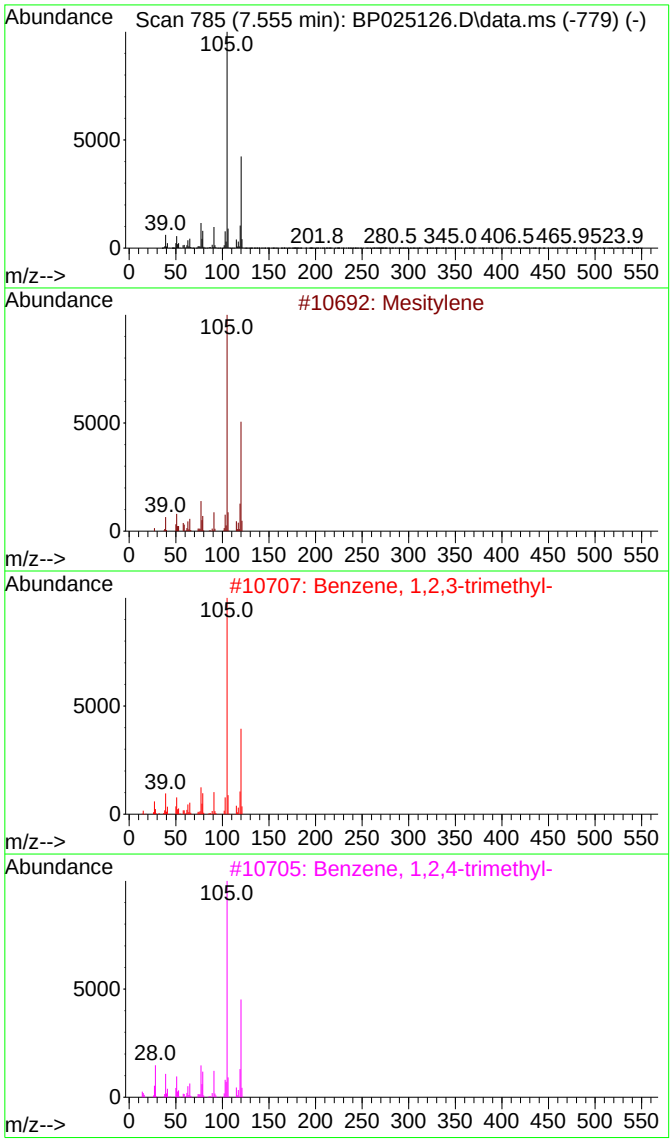
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

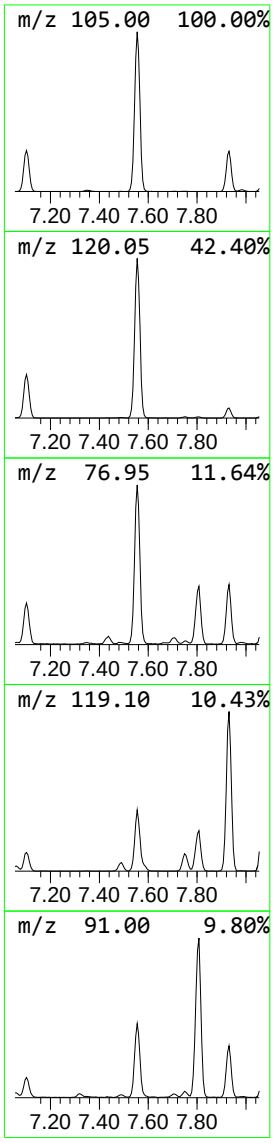
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.555	48.06 ng	4702350	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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ALS Vial : 7 Sample Multiplier: 1

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

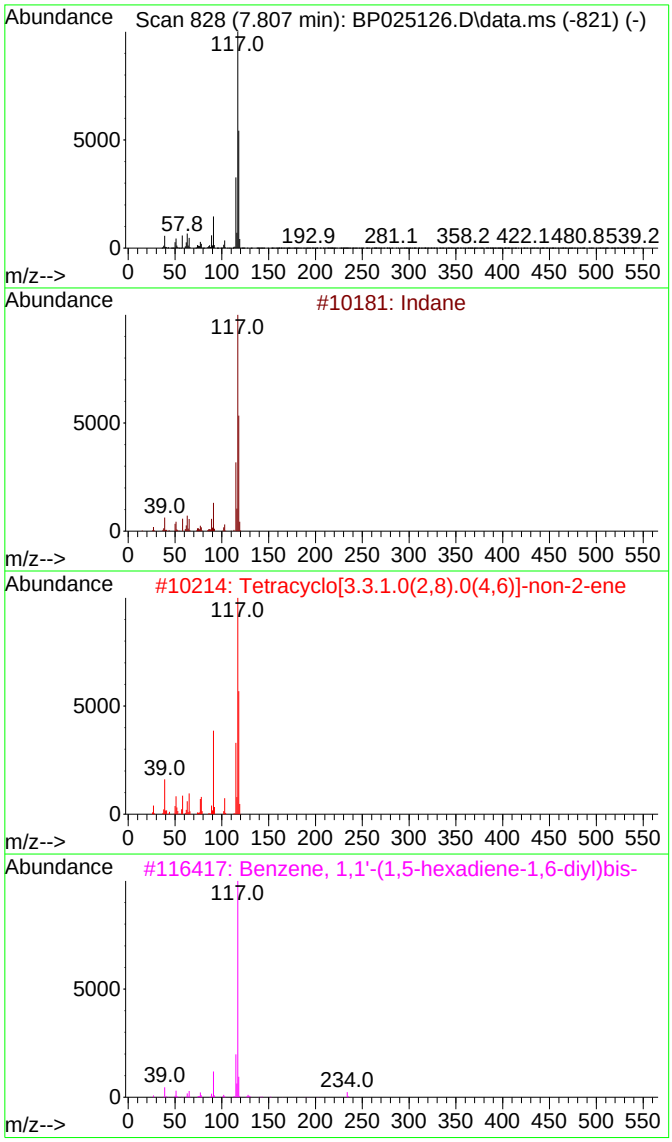
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

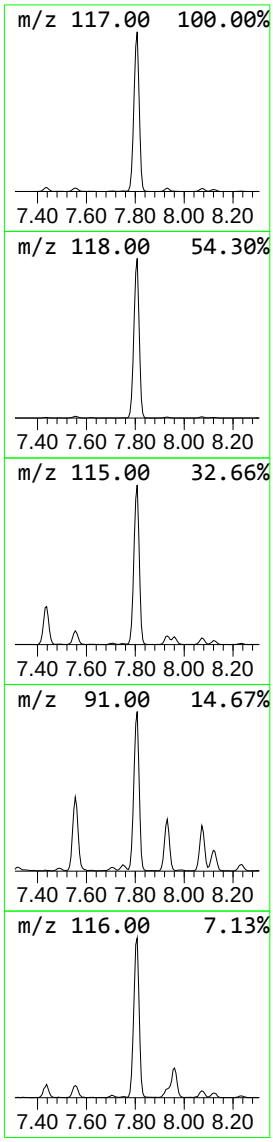
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.807	72.61 ng	7103820	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





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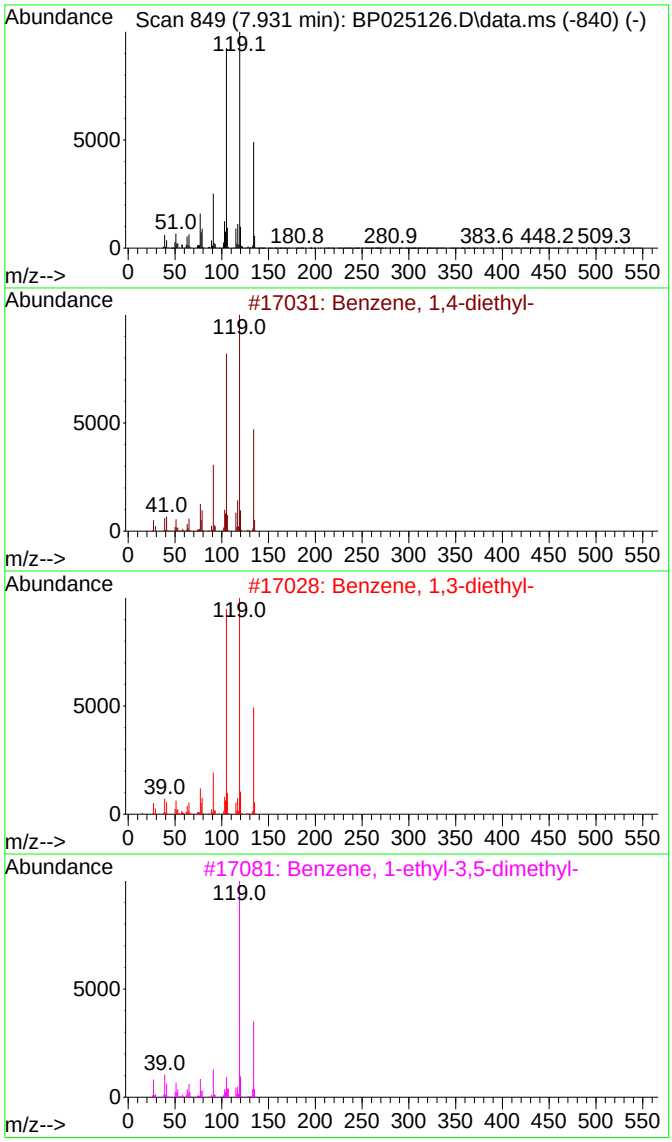
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

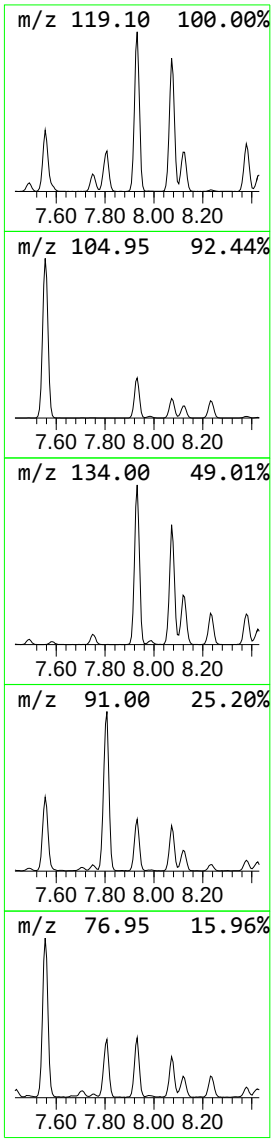
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.931	21.26 ng	2080270	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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ALS Vial : 7 Sample Multiplier: 1

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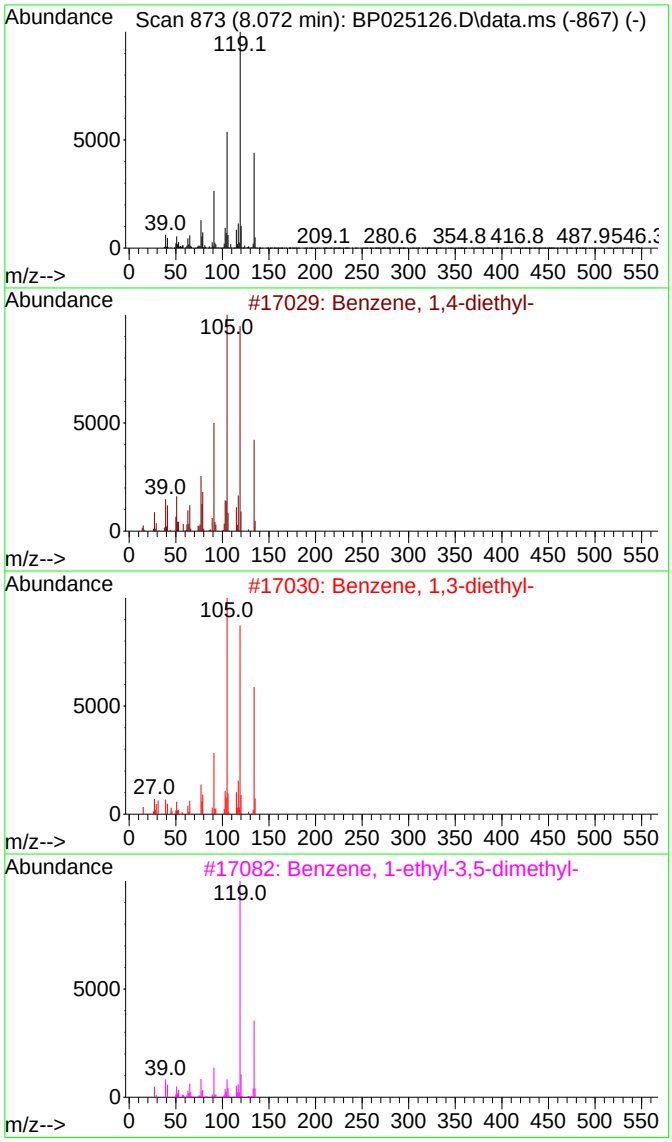
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

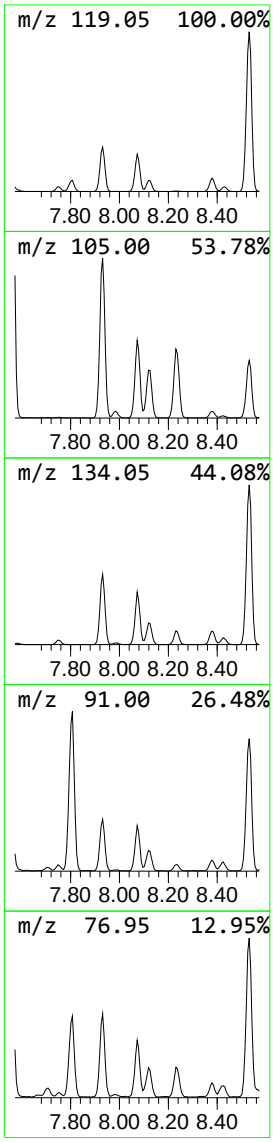
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.072	15.18 ng	1485590	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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

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

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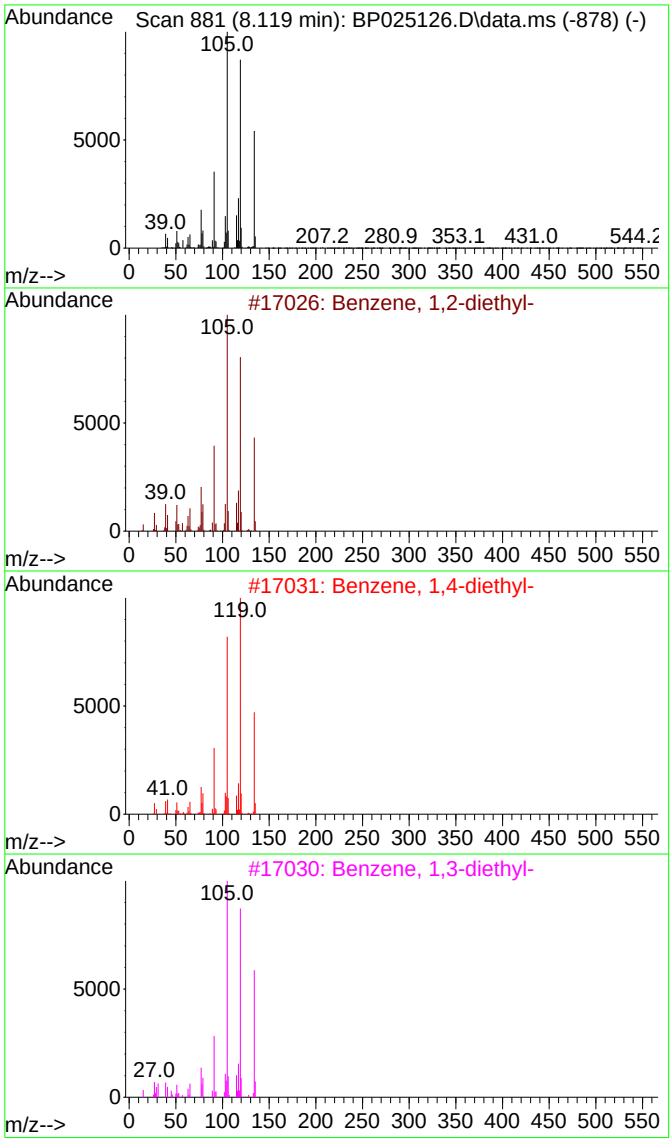
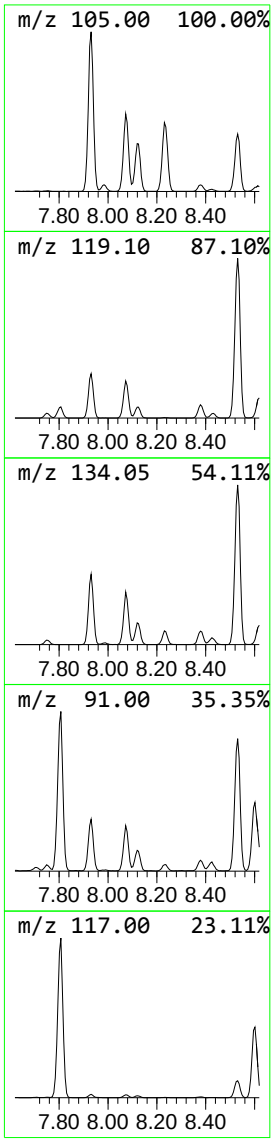
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.119	7.18 ng	702036	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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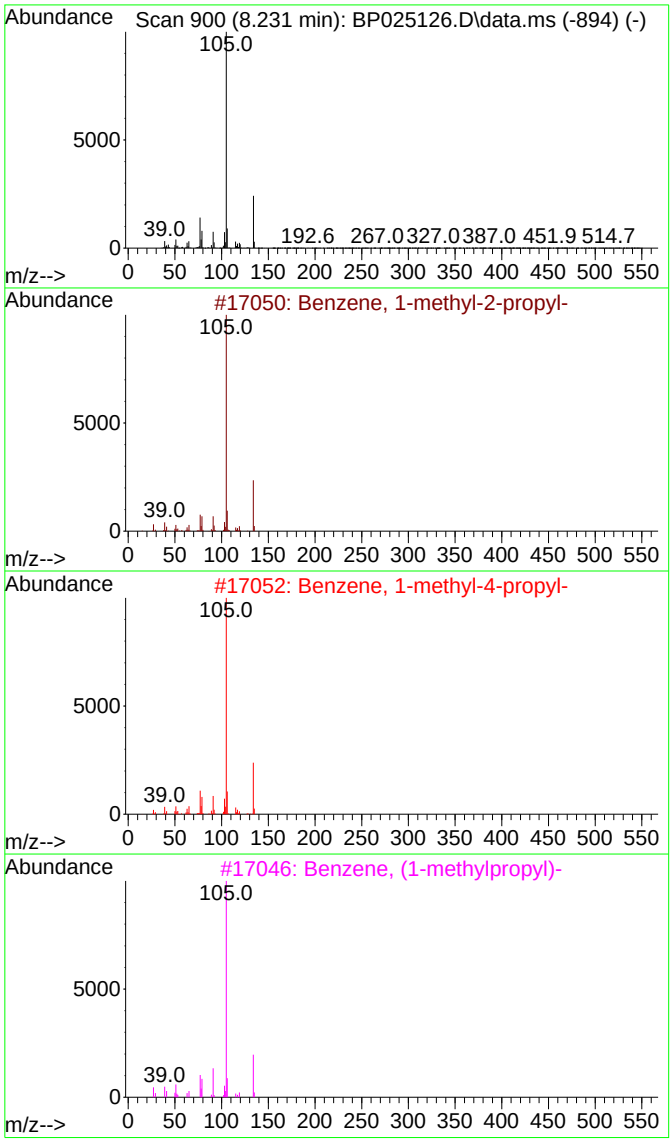
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

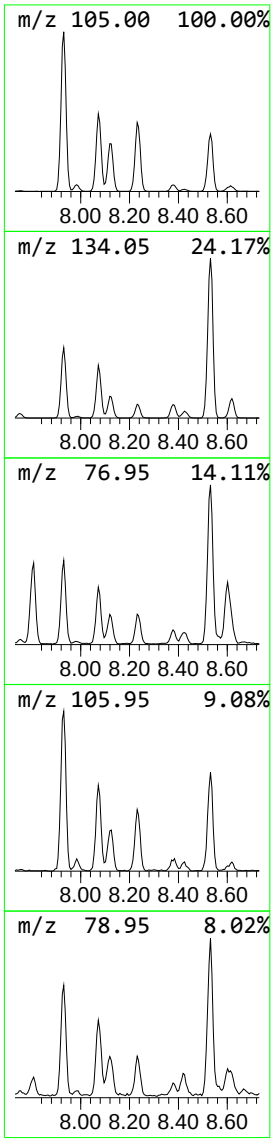
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.231	4.56 ng	445919	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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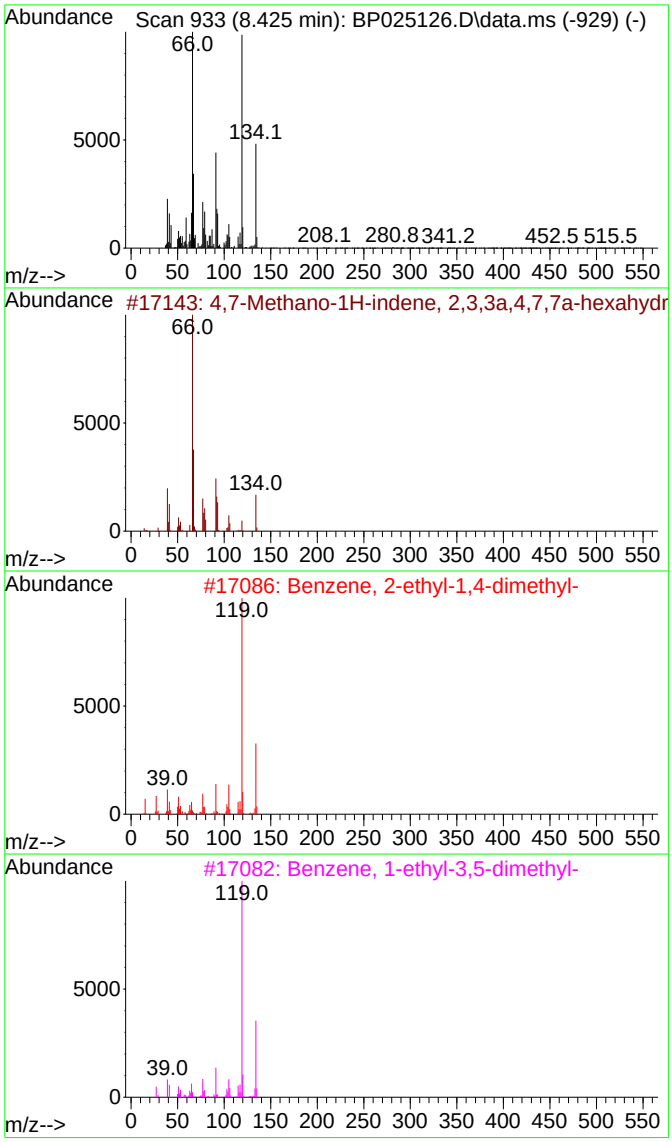
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

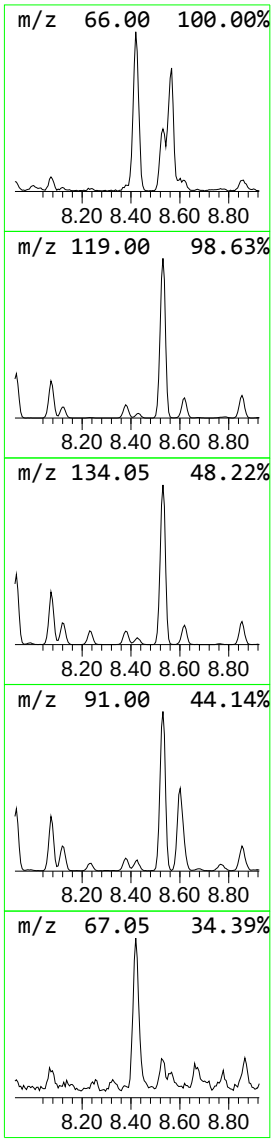
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4,7-Methano-1H-indene, 2,3,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.425	4.63 ng	452977	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	43
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42





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Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

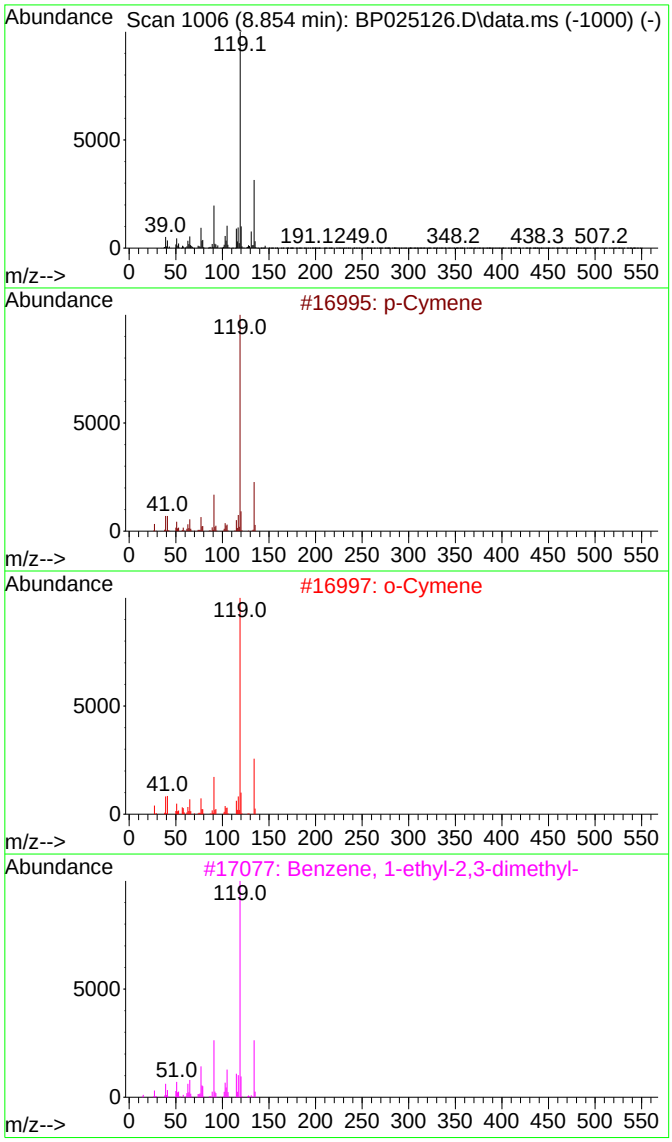
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

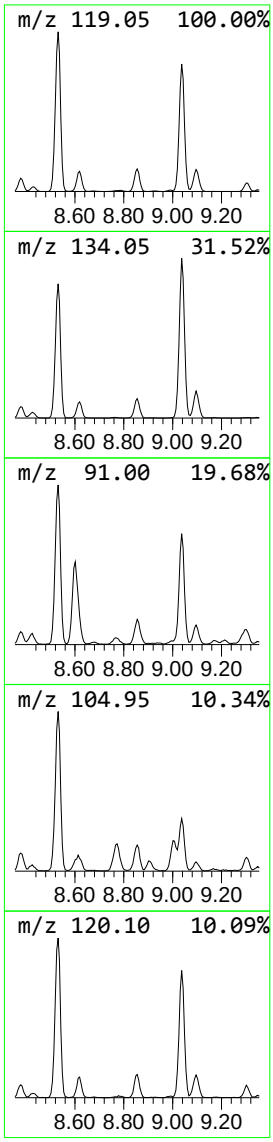
****

Peak Number 12 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.854	4.79 ng	805046	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

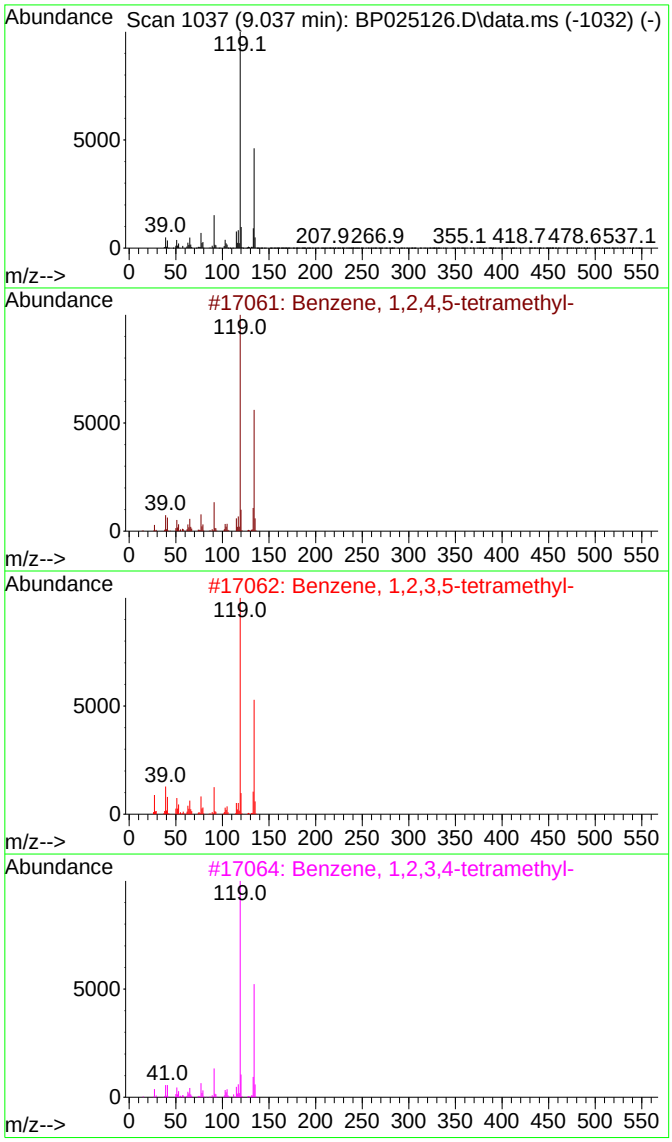
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

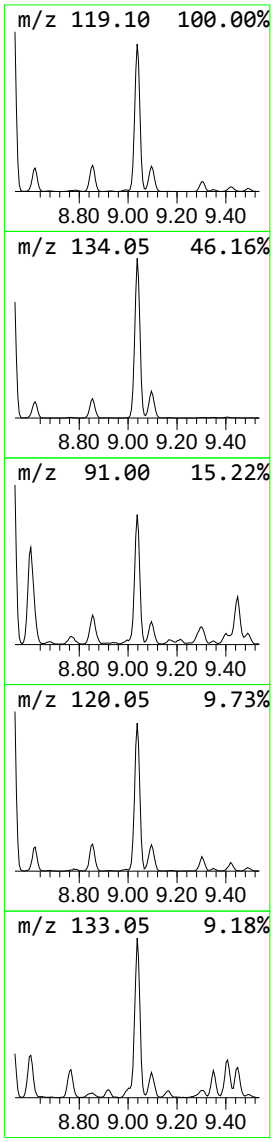
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	21.04 ng	3538860	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

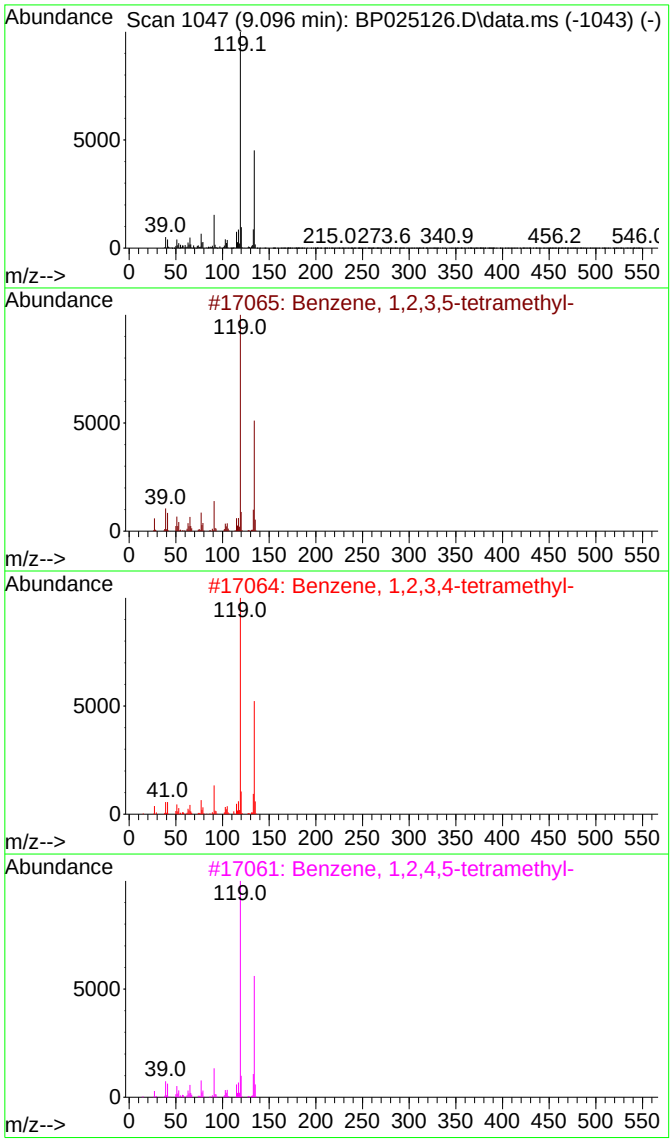
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

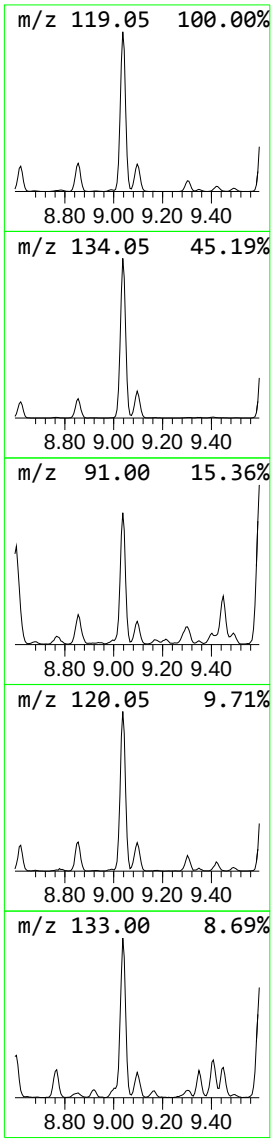
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.096	4.34 ng	730344	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : BP025126.D
Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

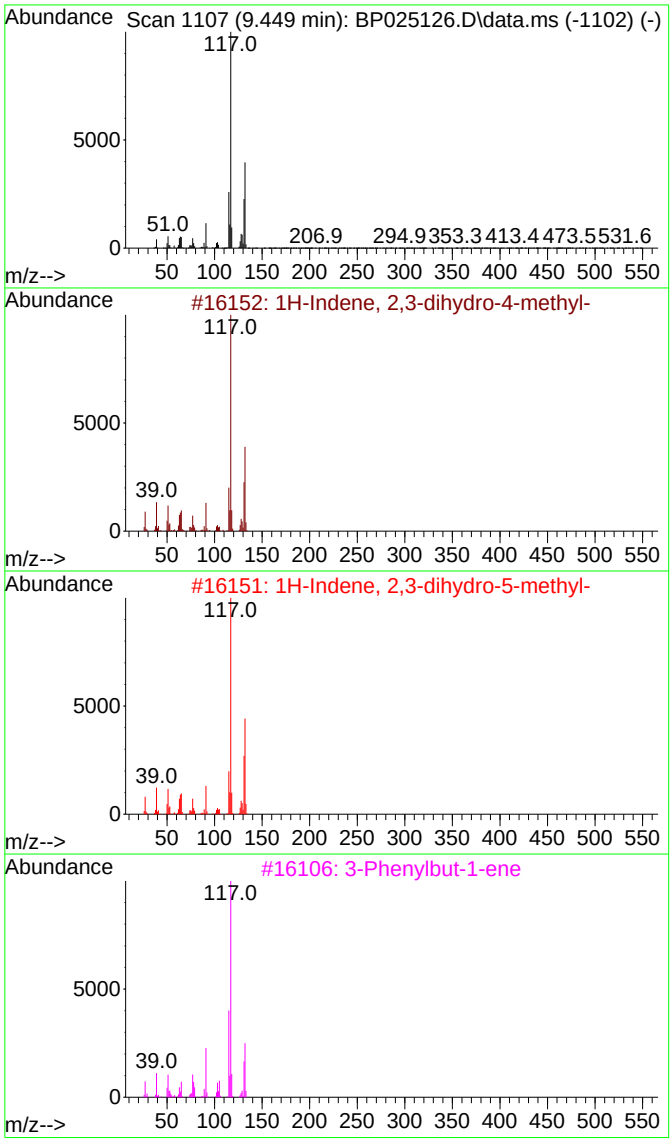
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

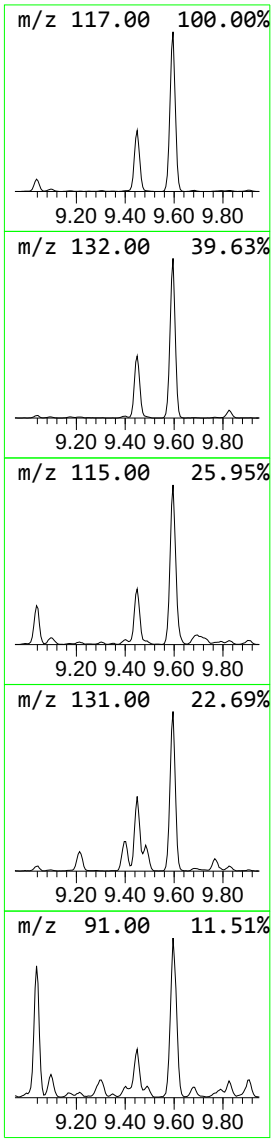
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.449	9.85 ng	1656290	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Acq On : 14 Jul 2025 19:09
Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

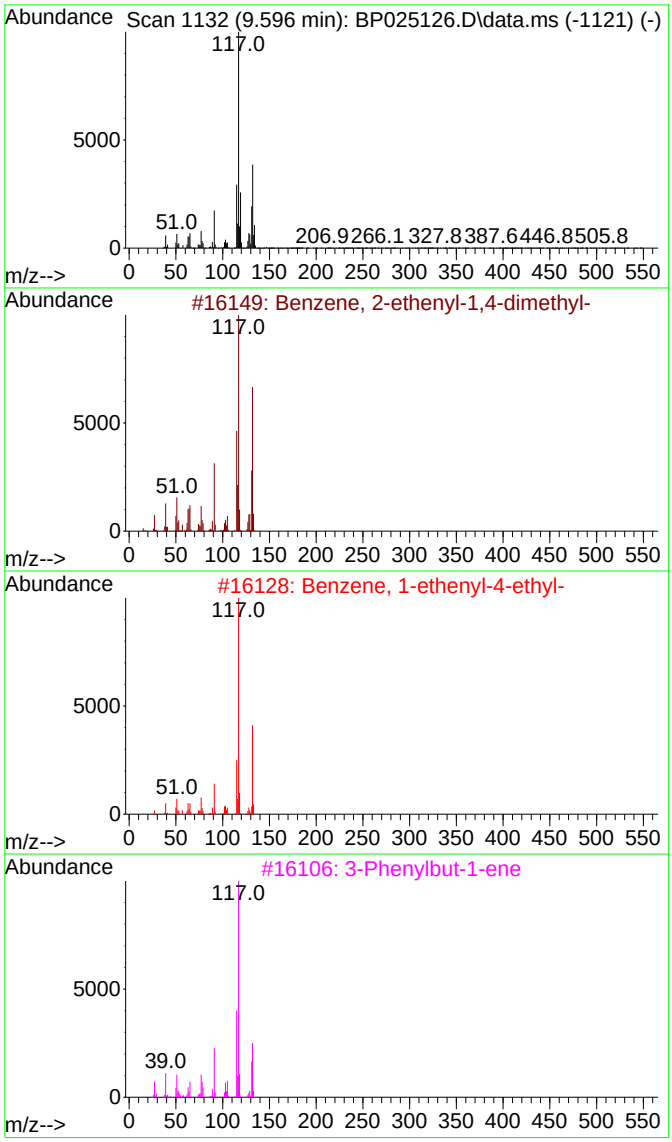
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

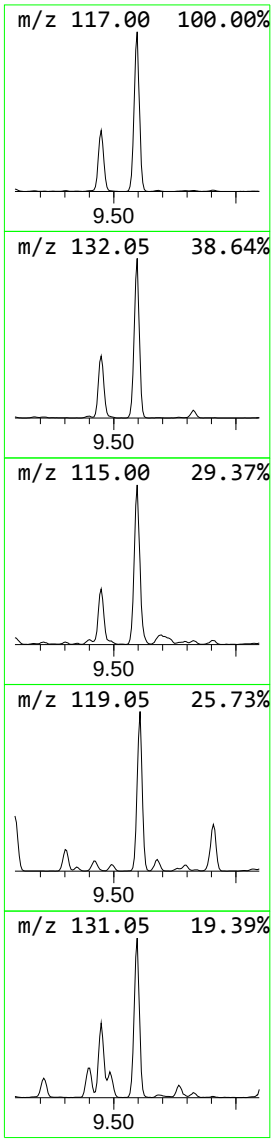
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.596	37.43 ng	6294940	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





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Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

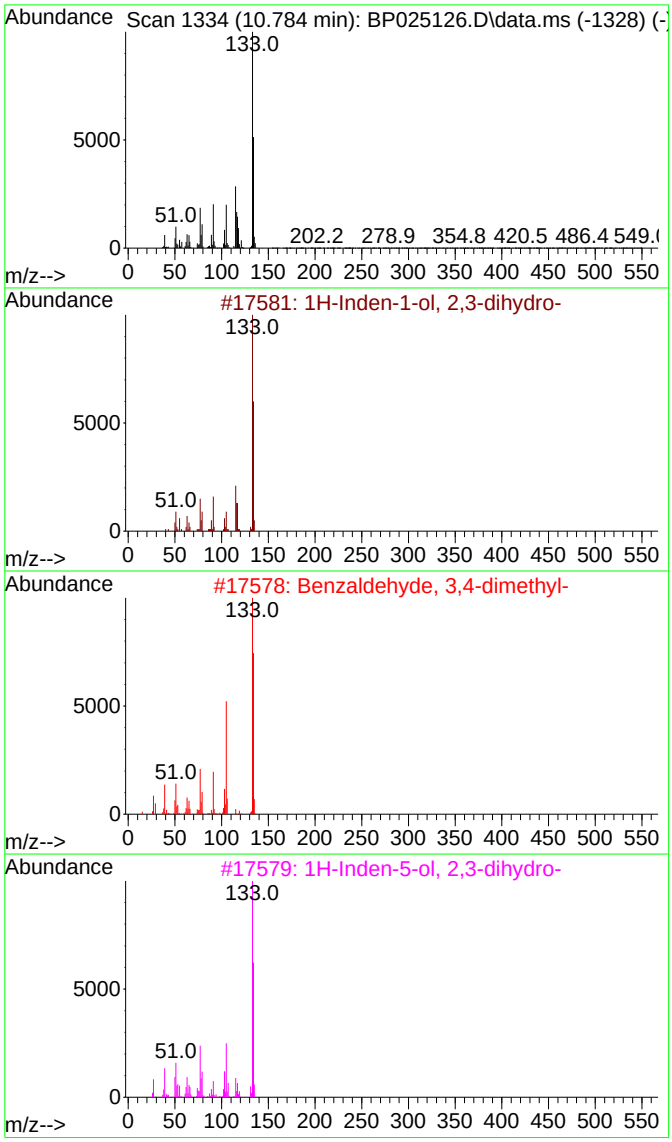
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

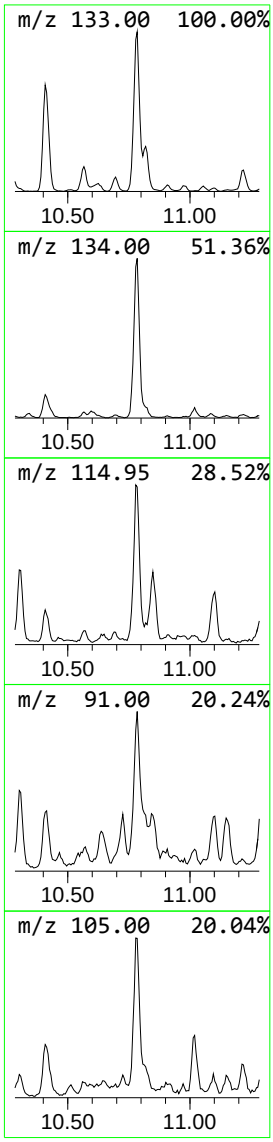
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.784	6.99 ng	1175710	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	87
2	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	78
3	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	55
4	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	47
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	47





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Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

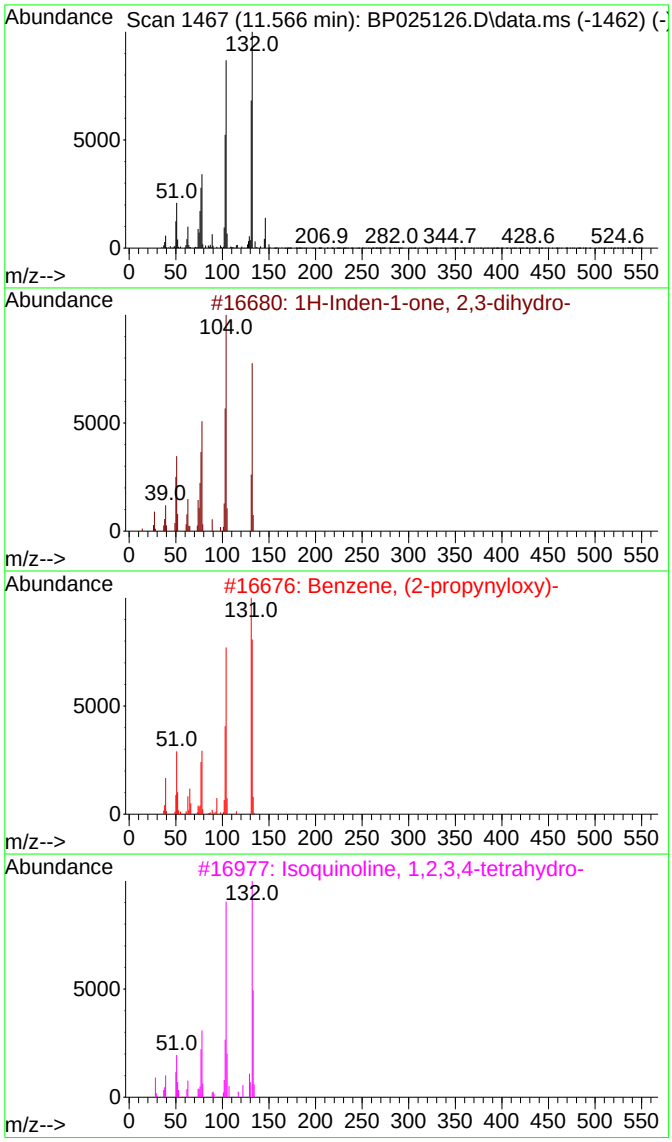
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

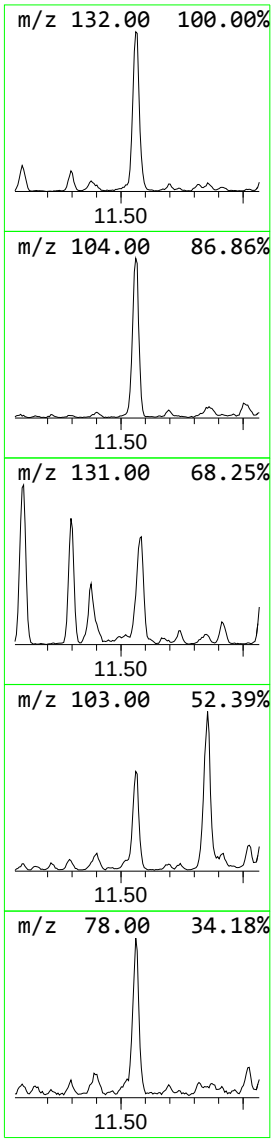
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.566	5.01 ng	843015	Naphthalene-d8	10.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	64
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	59
4	Styrene	104	C8H8	000100-42-5	55
5	1-Methylbenzimidazole	132	C8H8N2	001632-83-3	53





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Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

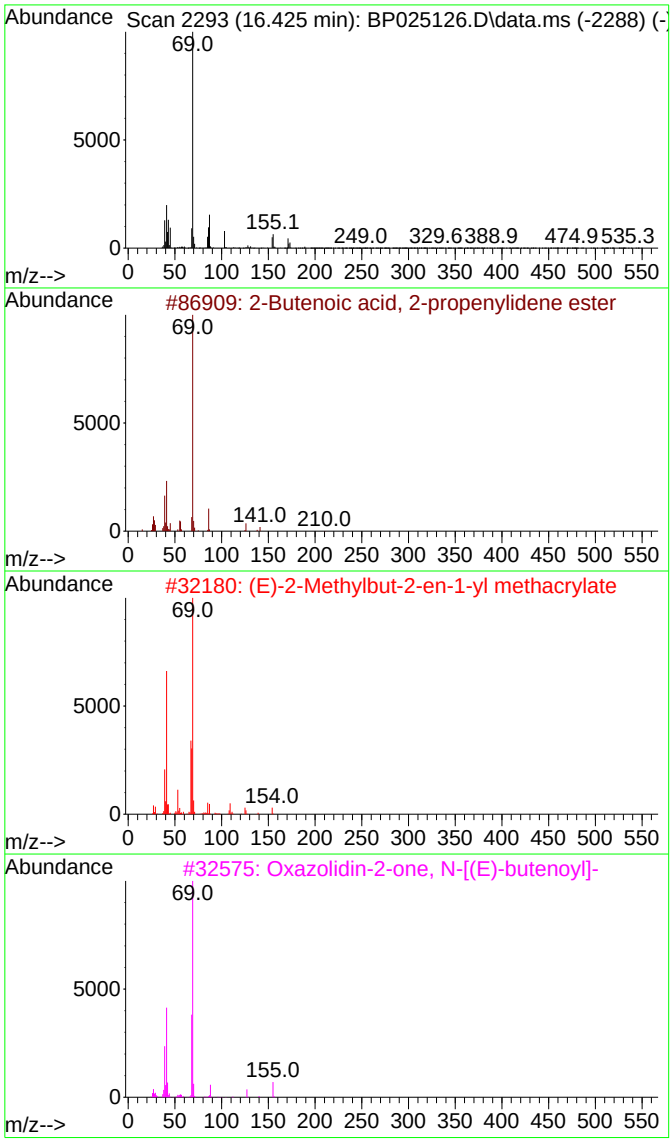
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

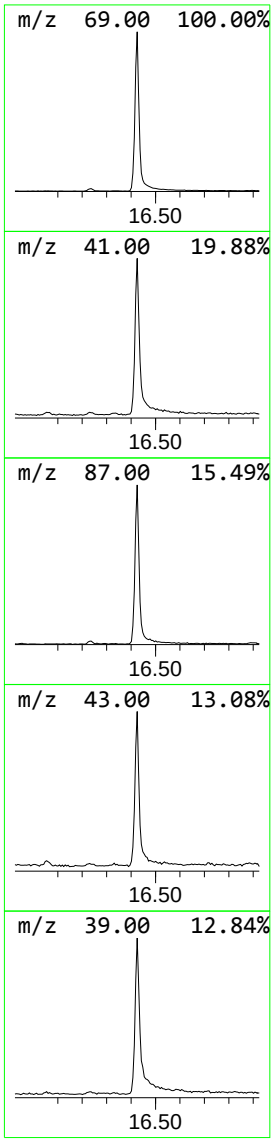
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Butenoic acid, 2-propenyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.425	9.21 ng	2026430	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	53
2	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	36
3	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	28
4	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9
5	2-Decene, 2-methyl-	154	C11H22	023381-92-2	9





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Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

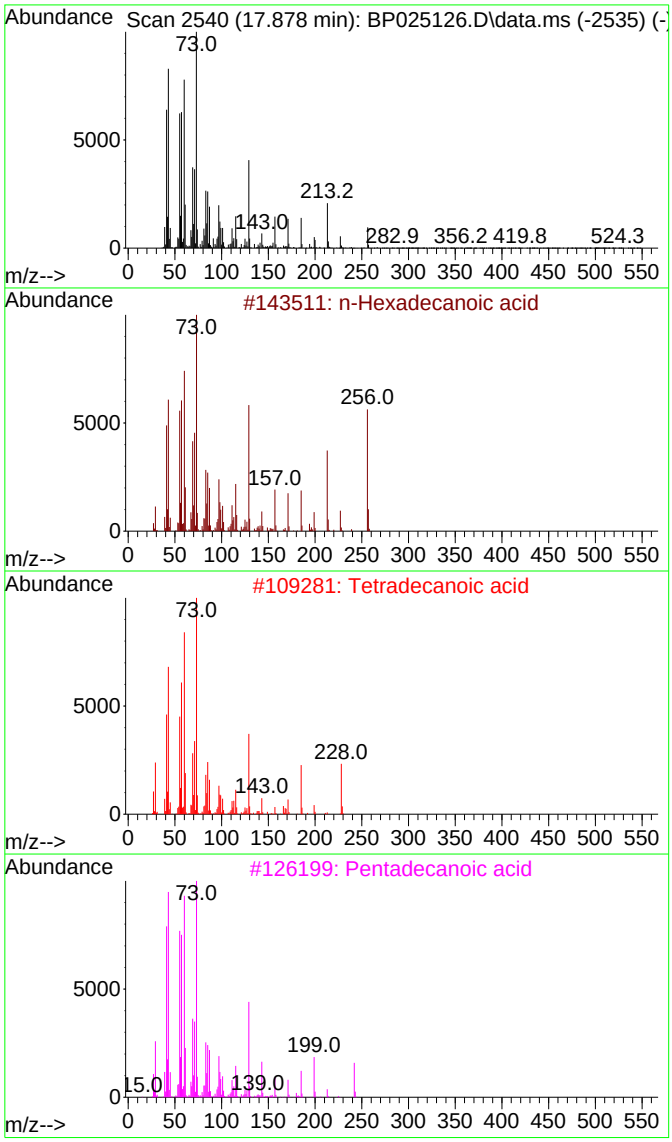
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

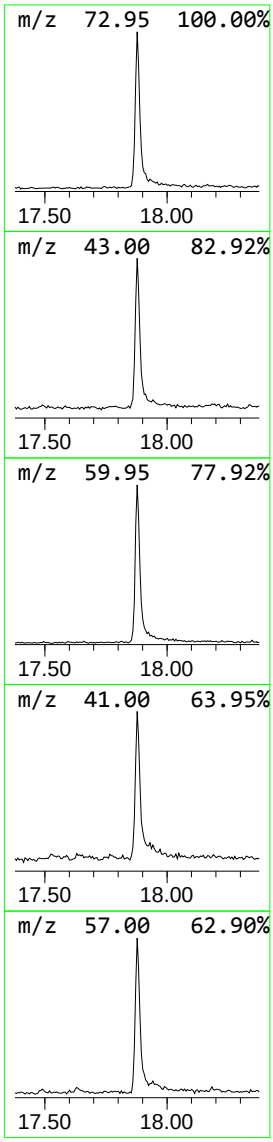
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.878	4.06 ng	892234	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Operator : CG/JU
Sample : Q2553-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.655	4.4	ng	428802	1	7.437	1956740	20.0
Benzene, 1,2,3-...	6.690	14.7	ng	1439600	1	7.437	1956740	20.0
Benzene, 1-ethy...	6.849	15.7	ng	1536300	1	7.437	1956740	20.0
Mesitylene	7.102	12.9	ng	1259210	1	7.437	1956740	20.0
Benzene, 1,2,4-...	7.555	48.1	ng	4702350	1	7.437	1956740	20.0
Indane	7.807	72.6	ng	7103820	1	7.437	1956740	20.0
Benzene, 1,4-di...	7.931	21.3	ng	2080270	1	7.437	1956740	20.0
Benzene, 1,3-di...	8.072	15.2	ng	1485590	1	7.437	1956740	20.0
Benzene, 1,2-di...	8.119	7.2	ng	702036	1	7.437	1956740	20.0
Benzene, 1-meth...	8.231	4.6	ng	445919	1	7.437	1956740	20.0
4,7-Methano-1H-...	8.425	4.6	ng	452977	1	7.437	1956740	20.0
p-Cymene	8.854	4.8	ng	805046	2	10.178	3363860	20.0
Benzene, 1,2,4,...	9.037	21.0	ng	3538860	2	10.178	3363860	20.0
Benzene, 1,2,3,...	9.096	4.3	ng	730344	2	10.178	3363860	20.0
1H-Indene, 2,3-...	9.449	9.8	ng	1656290	2	10.178	3363860	20.0
Benzene, 2-ethe...	9.596	37.4	ng	6294940	2	10.178	3363860	20.0
1H-Inden-1-ol, ...	10.784	7.0	ng	1175710	2	10.178	3363860	20.0
1H-Inden-1-one,...	11.566	5.0	ng	843015	2	10.178	3363860	20.0
2-Butenoic acid...	16.425	9.2	ng	2026430	4	16.895	4399680	20.0
n-Hexadecanoic ...	17.878	4.1	ng	892234	4	16.895	4399680	20.0

Raw Data: **BP025127.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.2	U	4.00	10.2	ug/L
108-95-2	Phenol	5.10	U	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.76	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	1.10	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.78	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	UQ	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.2	U	1.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

Raw Data: **BP025127.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2.40	10.2	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.2	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.84	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.46	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.50	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	66.1		15 (23) - 110 (138)	44%	SPK: 150
13127-88-3	Phenol-d6	39.0		15 (10) - 110 (134)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.3		30 (67) - 130 (132)	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		30 (52) - 130 (132)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		15 (44) - 110 (137)	100%	SPK: 150
1718-51-0	Terphenyl-d14	94.7		30 (42) - 130 (152)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	459000	7.437			
1146-65-2	Naphthalene-d8	1720000	10.178			
15067-26-2	Acenaphthene-d10	992000	14.078			
1517-22-2	Phenanthrene-d10	1990000	16.895			
1719-03-5	Chrysene-d12	2240000	21.324			
1520-96-3	Perylene-d12	2610000	24.448			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.70	AB		4.66	ug/L
000057-10-3	n-Hexadecanoic acid	2.10	J		17.9	ug/L

Raw Data: **BP025127.D**

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

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\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

Quant Time: Jul 14 20:16:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

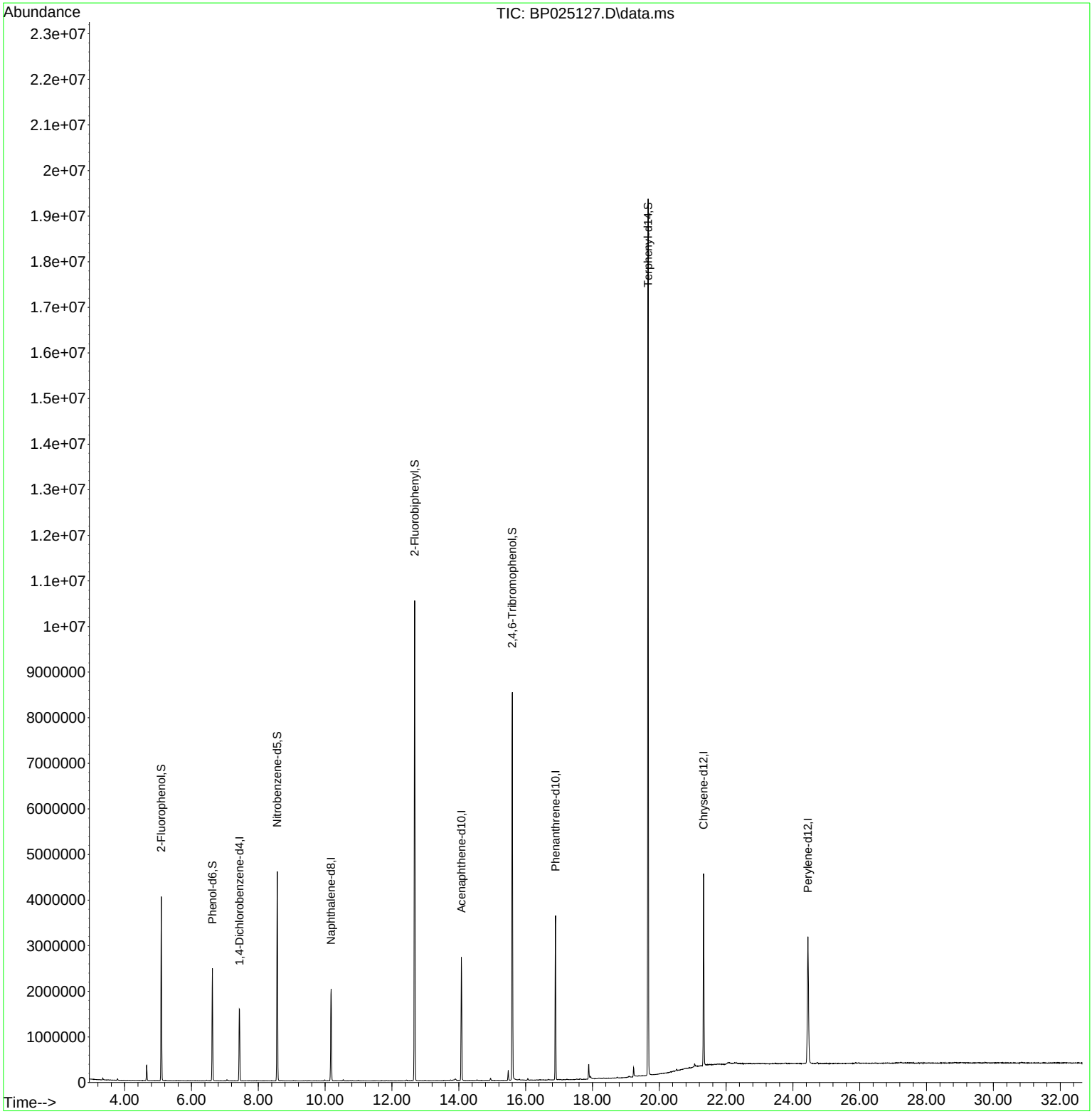
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	458642	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1720256	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	992285	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	1992612	20.000	ng	-0.01
76) Chrysene-d12	21.324	240	2236955	20.000	ng	-0.02
86) Perylene-d12	24.448	264	2607326	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1711238	66.109	ng	0.00
7) Phenol-d6	6.625	99	1317480	39.003	ng	0.00
23) Nitrobenzene-d5	8.566	82	2490489	96.282	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1755559	149.764	ng	-0.02
45) 2-Fluorobiphenyl	12.678	172	5841646	91.200	ng	-0.02
79) Terphenyl-d14	19.666	244	9633883	94.652	ng	0.00
Target Compounds						Qvalue

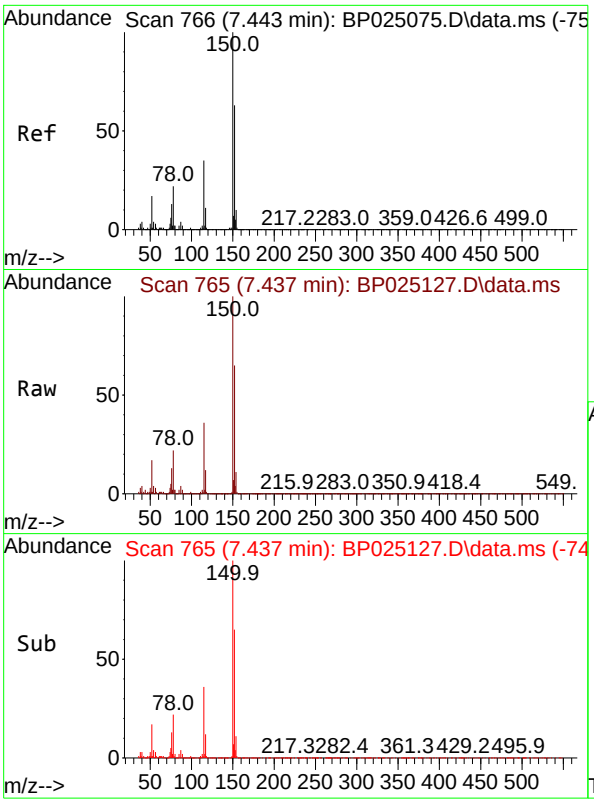
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

Quant Time: Jul 14 20:16:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



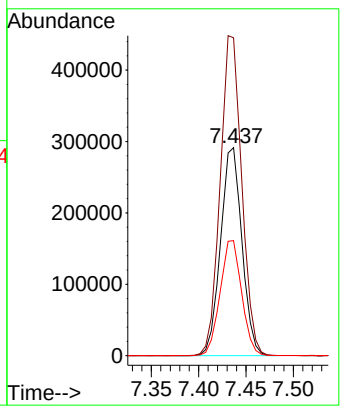


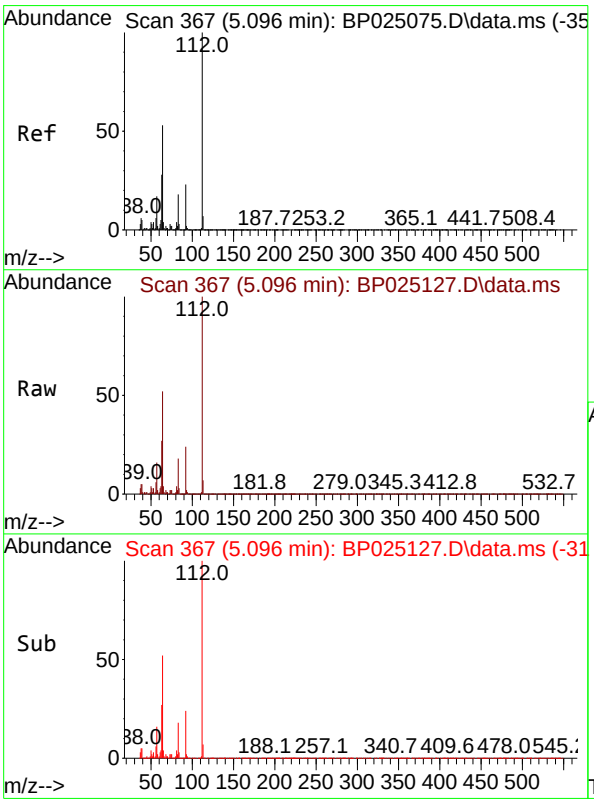
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion:152 Resp: 458642

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.1	189.1
115	55.3	44.3	66.5

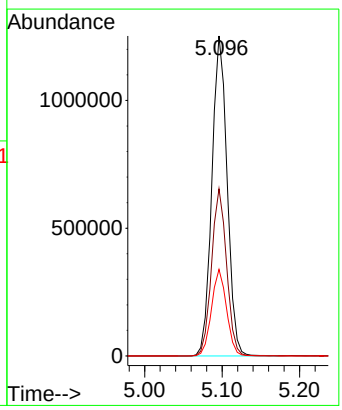


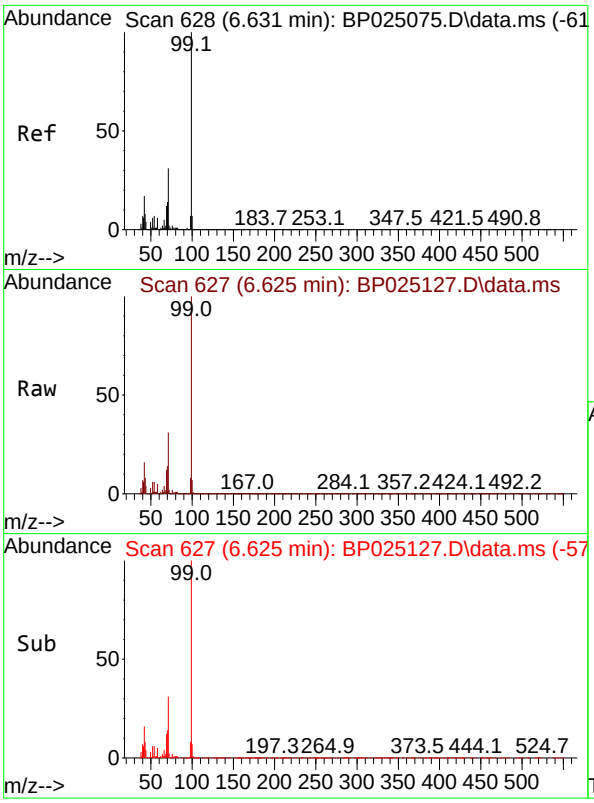


#5
2-Fluorophenol
Concen: 66.109 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:112 Resp: 1711238

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	27.0	22.2	33.2



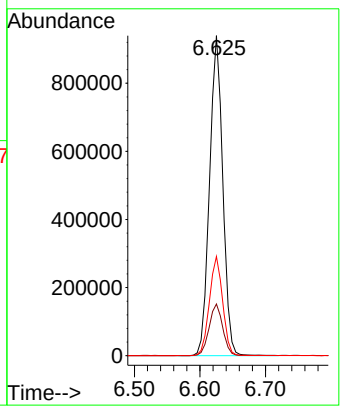


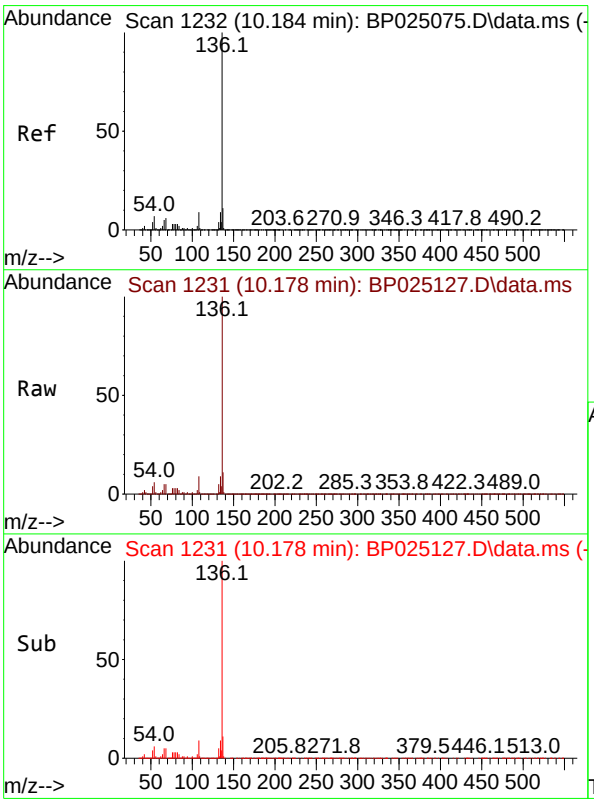
#7
Phenol-d6
Concen: 39.003 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion: 99 Resp: 1317480

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	31.0	24.4	36.6

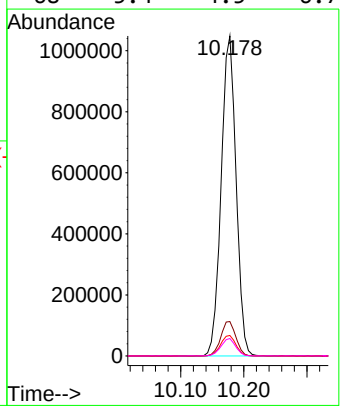


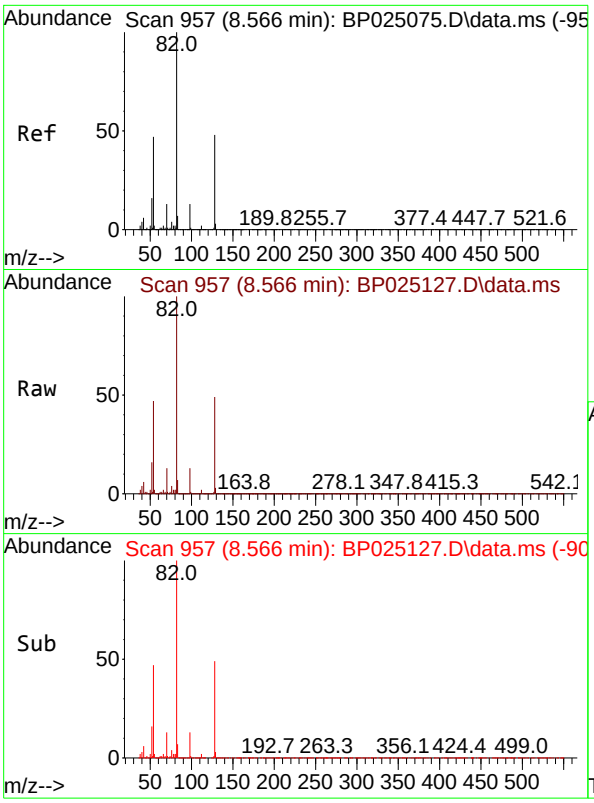


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:136 Resp: 1720256

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.4	8.2
68	5.4	4.5	6.7



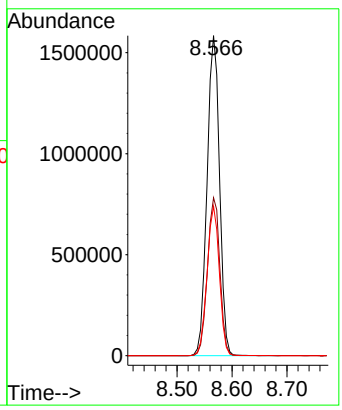


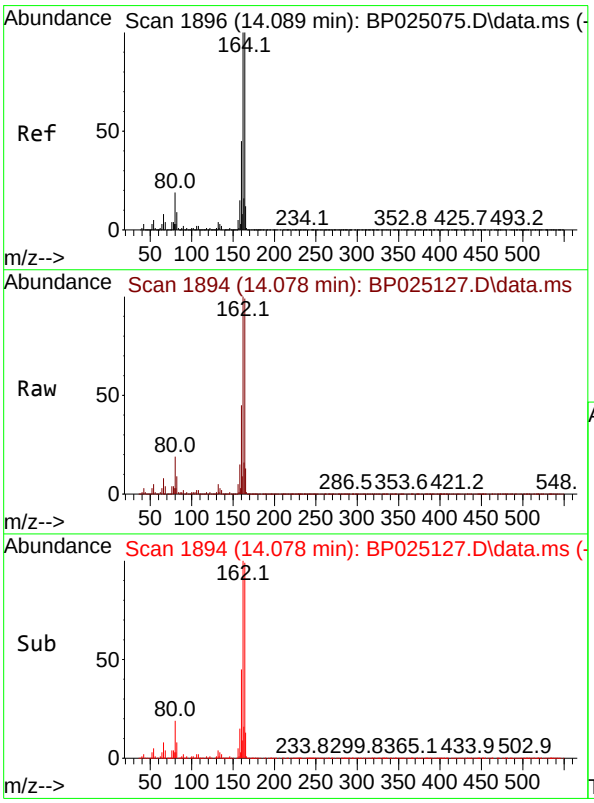
#23
Nitrobenzene-d5
Concen: 96.282 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion: 82 Resp: 2490489

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	46.7	37.8	56.6

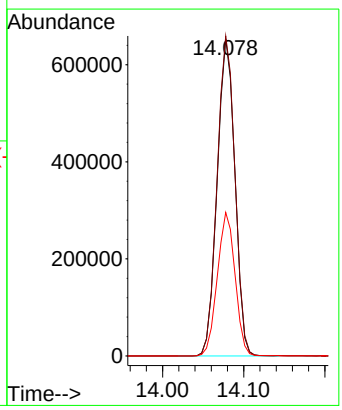


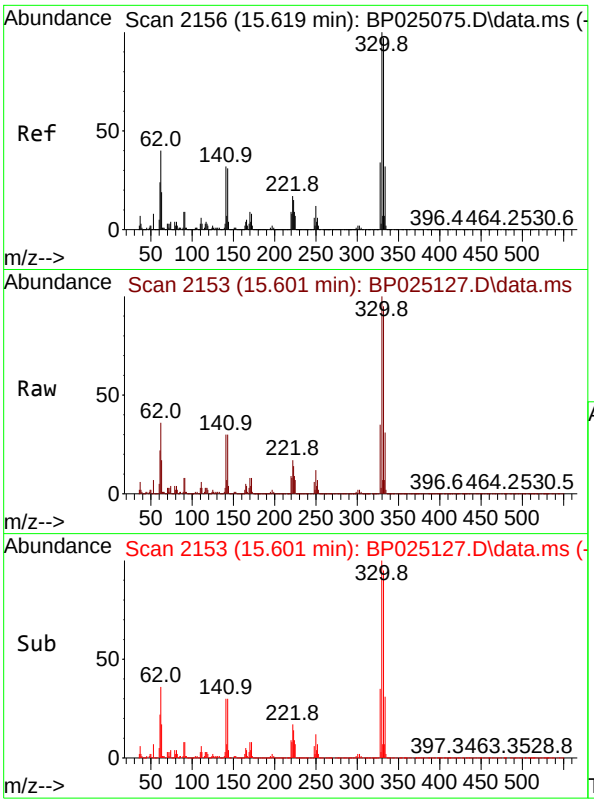


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.011 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:164 Resp: 992285

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.3	120.5
160	45.2	35.9	53.9



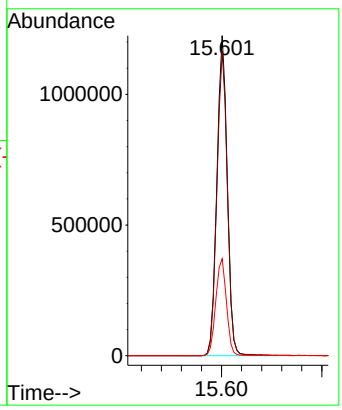


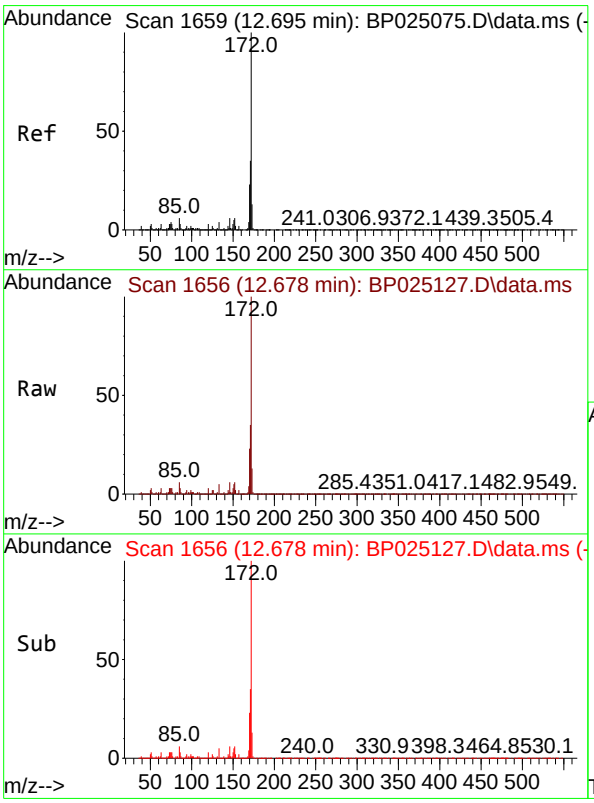
#42
2,4,6-Tribromophenol
Concen: 149.764 ng
RT: 15.601 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion:330 Resp: 1755559

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	31.3	26.0	39.0

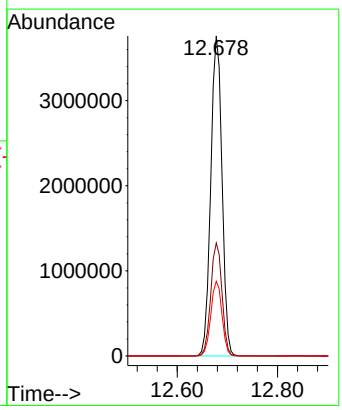


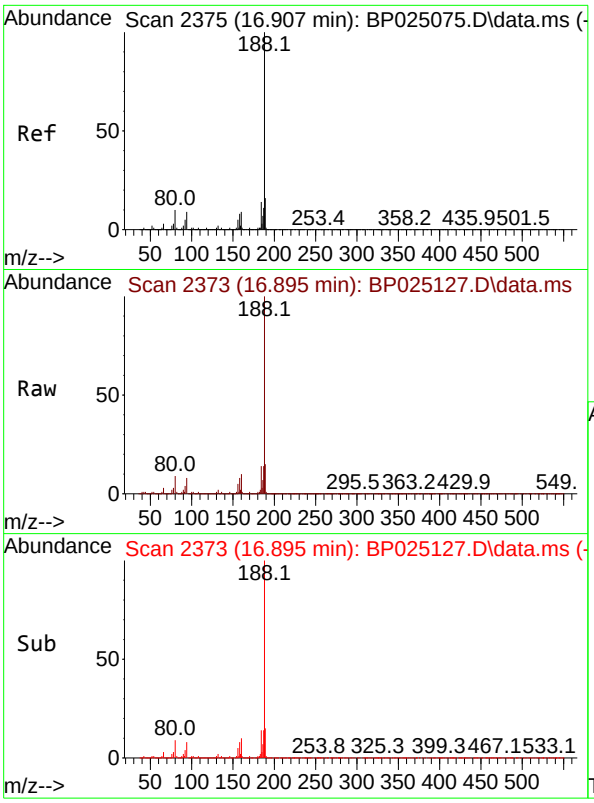


#45
2-Fluorobiphenyl
Concen: 91.200 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:172 Resp: 5841646

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.4	18.7	28.1



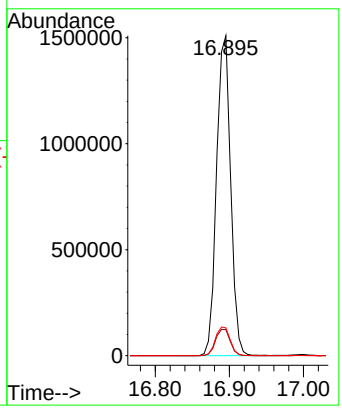


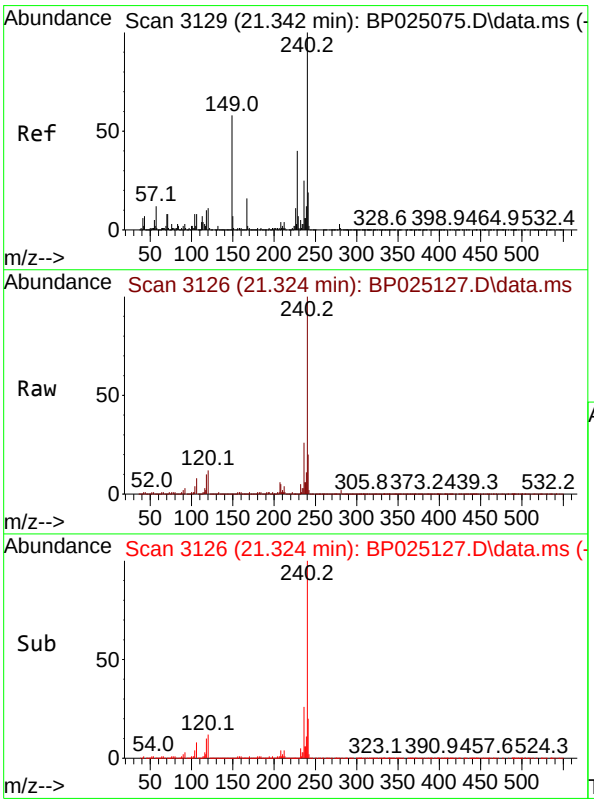
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion:188 Resp: 1992612

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.3	10.9
80	8.7	7.8	11.6

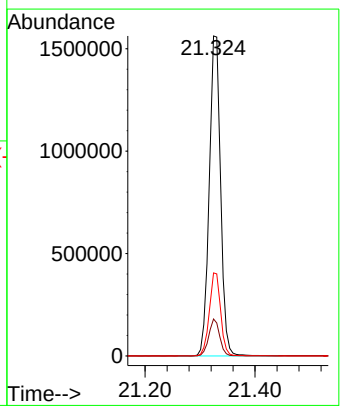


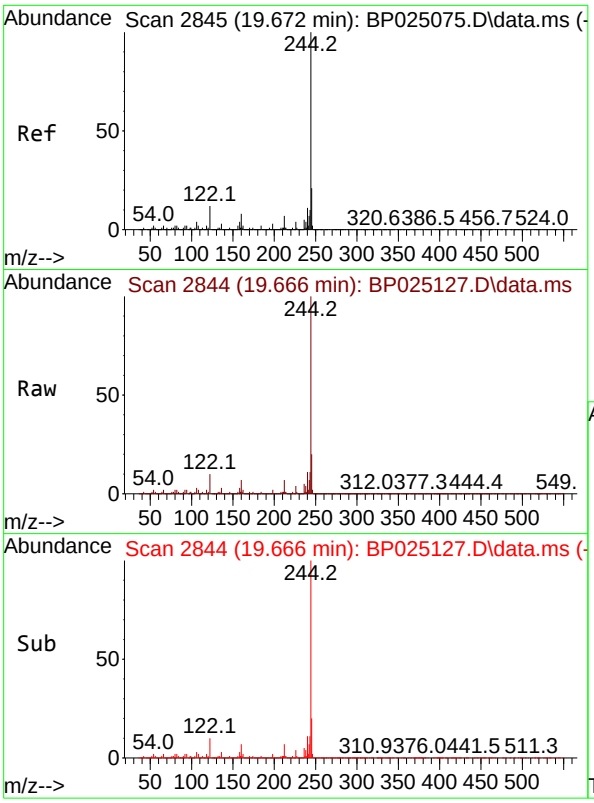


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.018 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:240 Resp: 2236955

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	25.9	20.3	30.5



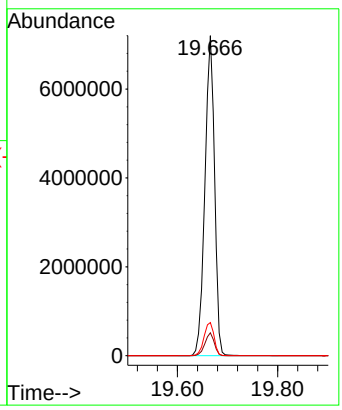


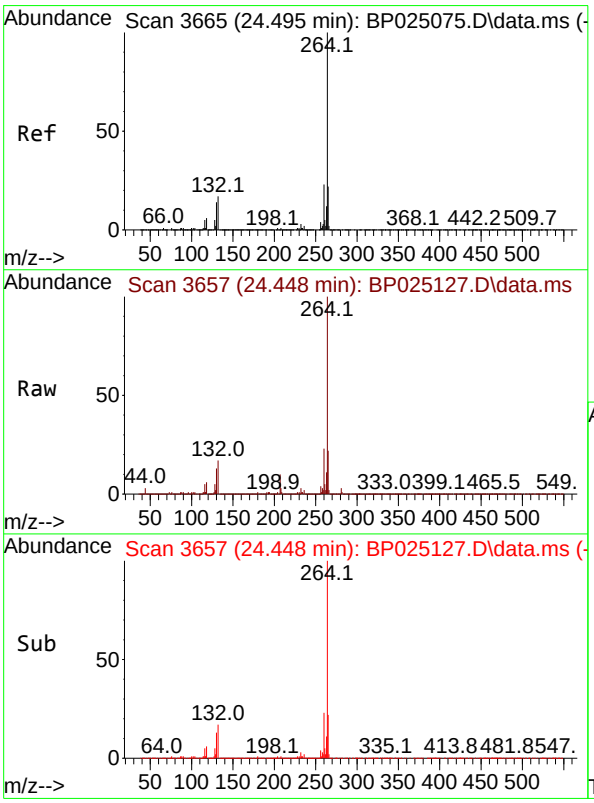
#79
Terphenyl-d14
Concen: 94.652 ng
RT: 19.666 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion:244 Resp: 9633883

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.4	9.4	14.2

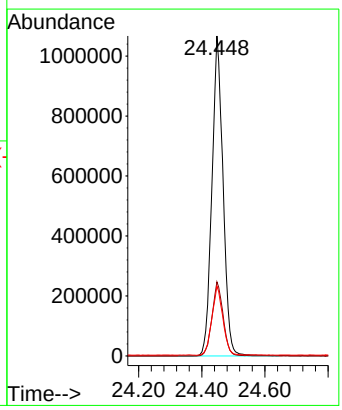




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.047 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:264 Resp: 2607326

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.8	17.7	26.5



Sample Results: **BP025127.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	301	rVB	336077	459047	1.79%	0.460%
2	5.096	360	367	377	rBV	4036276	5481514	21.34%	5.489%
3	6.625	619	627	641	rBV	2463911	3542999	13.79%	3.548%
4	7.431	757	764	773	rVB	1576187	2507367	9.76%	2.511%
5	8.566	949	957	969	rBV	4592055	7255013	28.24%	7.265%
6	10.178	1223	1231	1239	rBV	2015866	3324101	12.94%	3.329%
7	12.678	1648	1656	1668	rBV	10531341	16287726	63.41%	16.310%
8	14.078	1887	1894	1906	rVB	2703246	4134603	16.10%	4.140%
9	15.478	2127	2132	2142	rBV	218373	287678	1.12%	0.288%
10	15.601	2144	2153	2177	rBV	8506617	12547212	48.85%	12.565%
11	16.895	2366	2373	2381	rBV	3602994	4809318	18.72%	4.816%
12	17.889	2536	2542	2548	rBV	321773	491205	1.91%	0.492%
13	19.230	2766	2770	2777	rBV	201296	300187	1.17%	0.301%
14	19.666	2837	2844	2855	rBV	19215984	25686307	100.00%	25.722%
15	21.324	3121	3126	3135	rBV	4199798	5950818	23.17%	5.959%
16	24.448	3648	3657	3678	rVB	2780371	6795471	26.46%	6.805%

Sum of corrected areas: 99860566

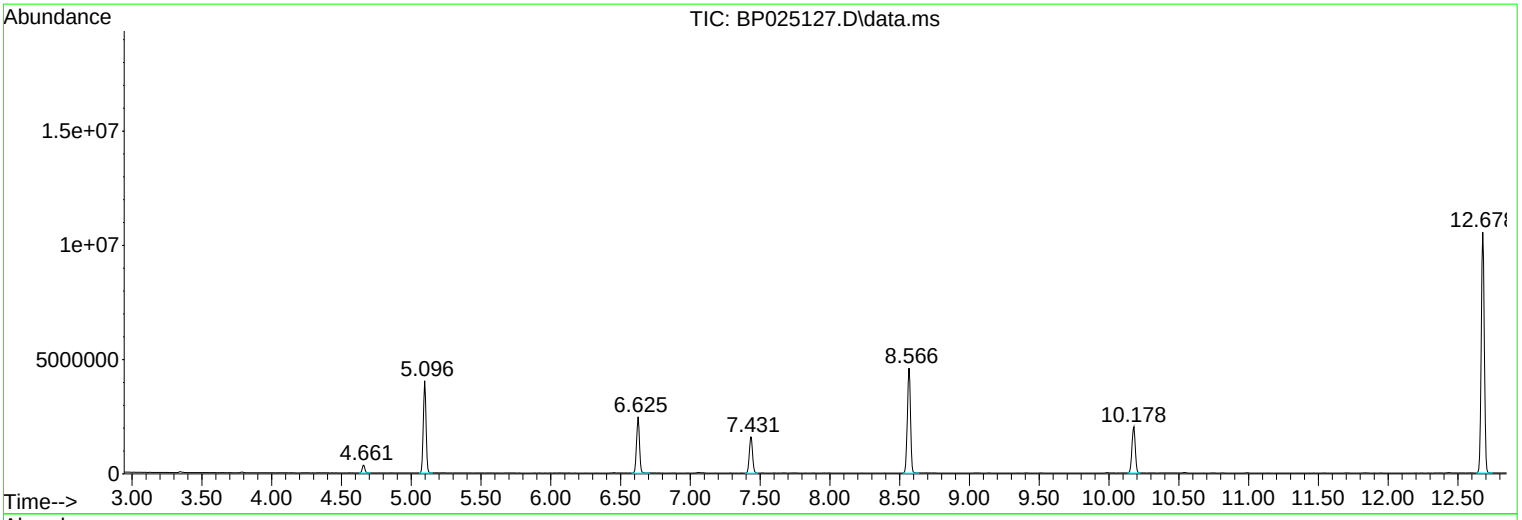
Sample Results: **BP025127.D**

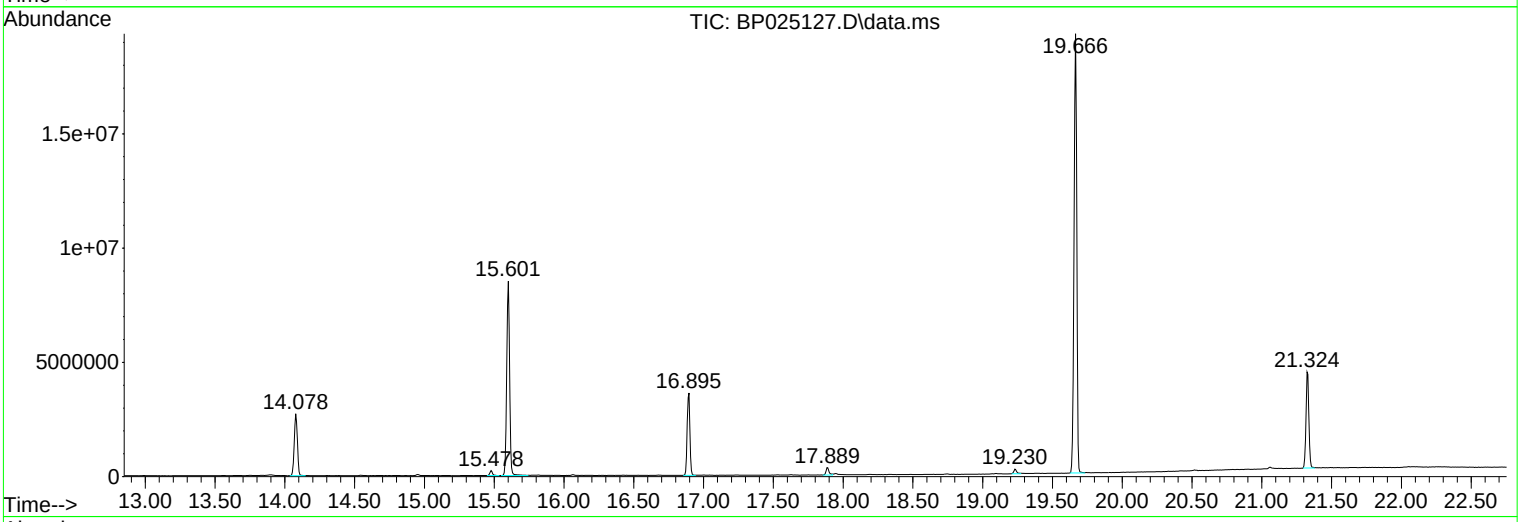
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

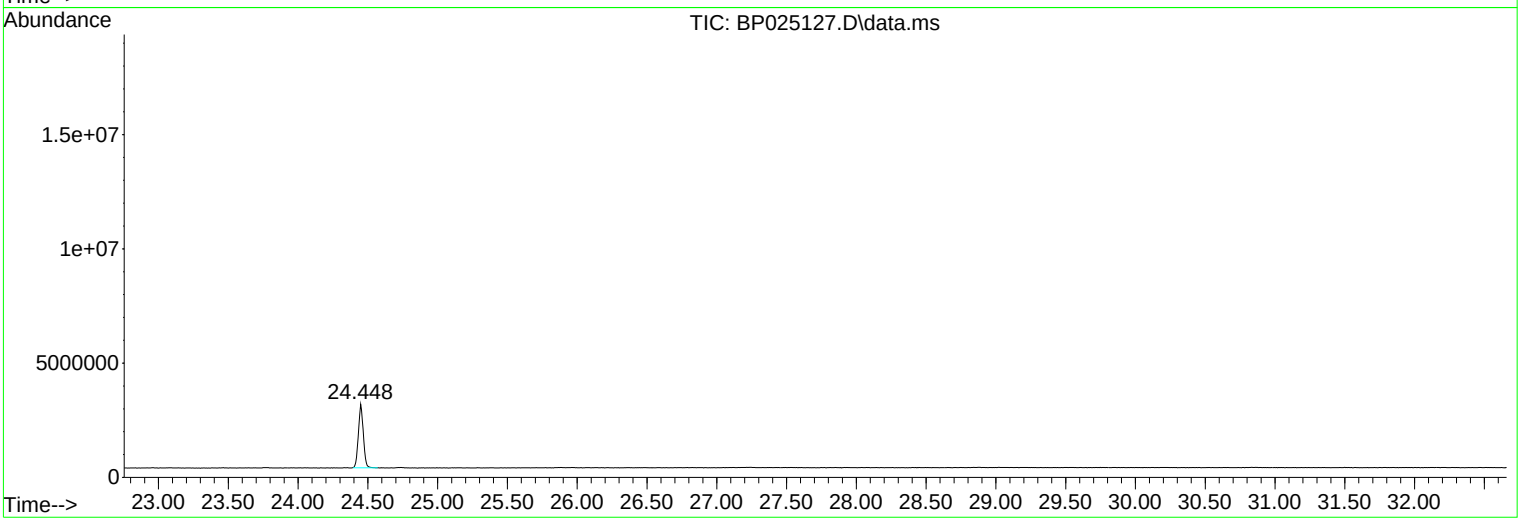
Instrument :
BNA_P
ClientSampleId :
AOC-205

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

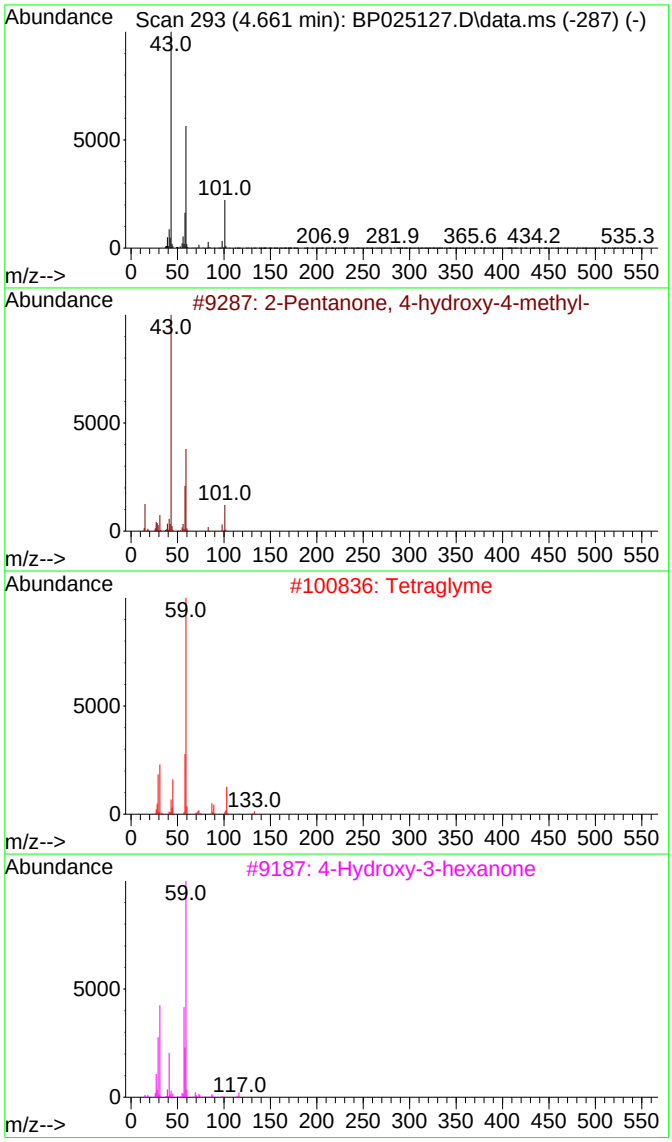
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

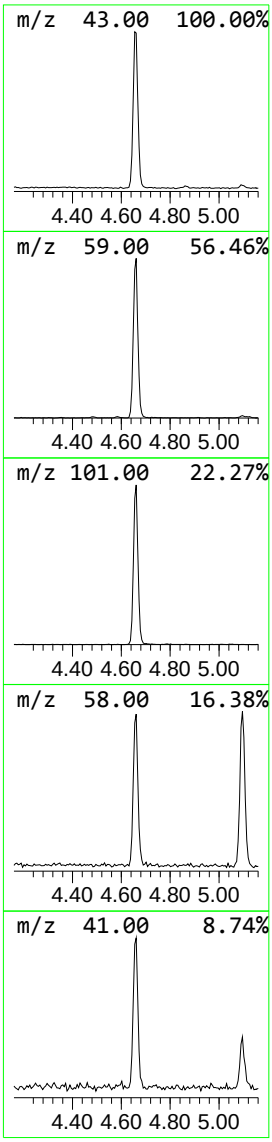
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	3.66 ng	459047	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Tetraglyme	222	C10H22O5	000143-24-8	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

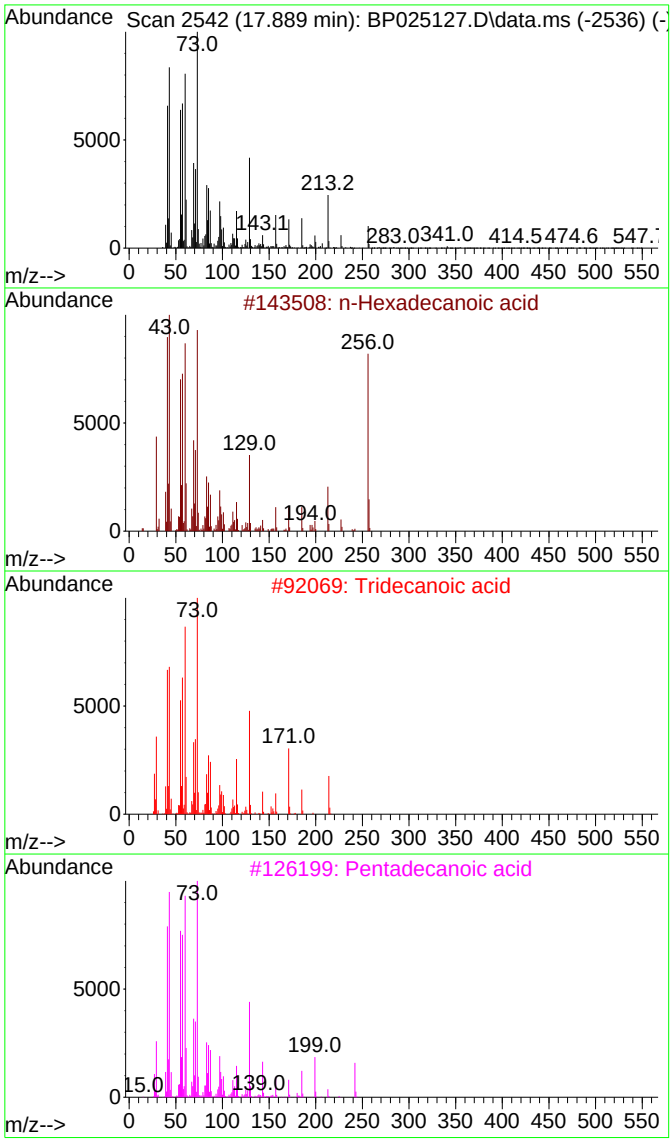
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

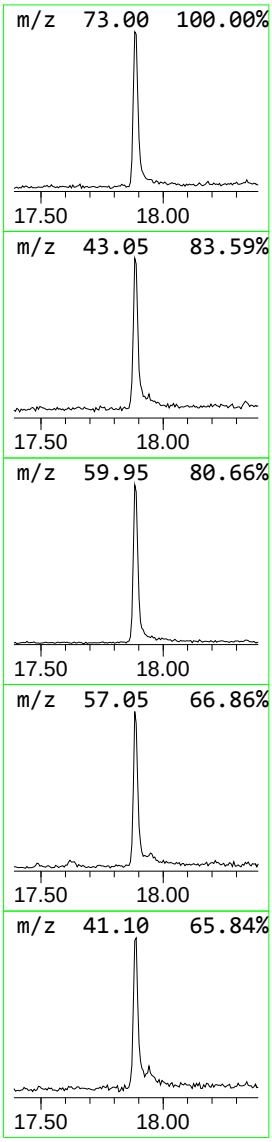
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.889	2.04 ng	491205	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Sample Results: **BP025127.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025127.D
Acq On : 14 Jul 2025 19:51
Operator : CG/JU
Sample : Q2553-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-205

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.661	3.7	ng	459047	1	7.437	2507370	20.0
n-Hexadecanoic ...	17.889	2.0	ng	491205	4	16.895	4809320	20.0

Raw Data: **BM050441.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	75.5		15 (23) - 110 (138)	50%	SPK: 150
13127-88-3	Phenol-d6	43.8		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		30 (67) - 130 (132)	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.2		30 (52) - 130 (132)	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	192	*	15 (44) - 110 (137)	128%	SPK: 150
1718-51-0	Terphenyl-d14	126		30 (42) - 130 (152)	126%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	329000	7.857			
1146-65-2	Naphthalene-d8	1200000	10.657			
15067-26-2	Acenaphthene-d10	770000	14.486			
1517-22-2	Phenanthrene-d10	1550000	17.215			
1719-03-5	Chrysene-d12	1530000	21.433			
1520-96-3	Perylene-d12	1560000	24.462			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	61.6	J		3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.00	AB		4.97	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	2.70	J		11.3	ug/L

Raw Data: **BM050441.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

Quant Time: Jul 15 02:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

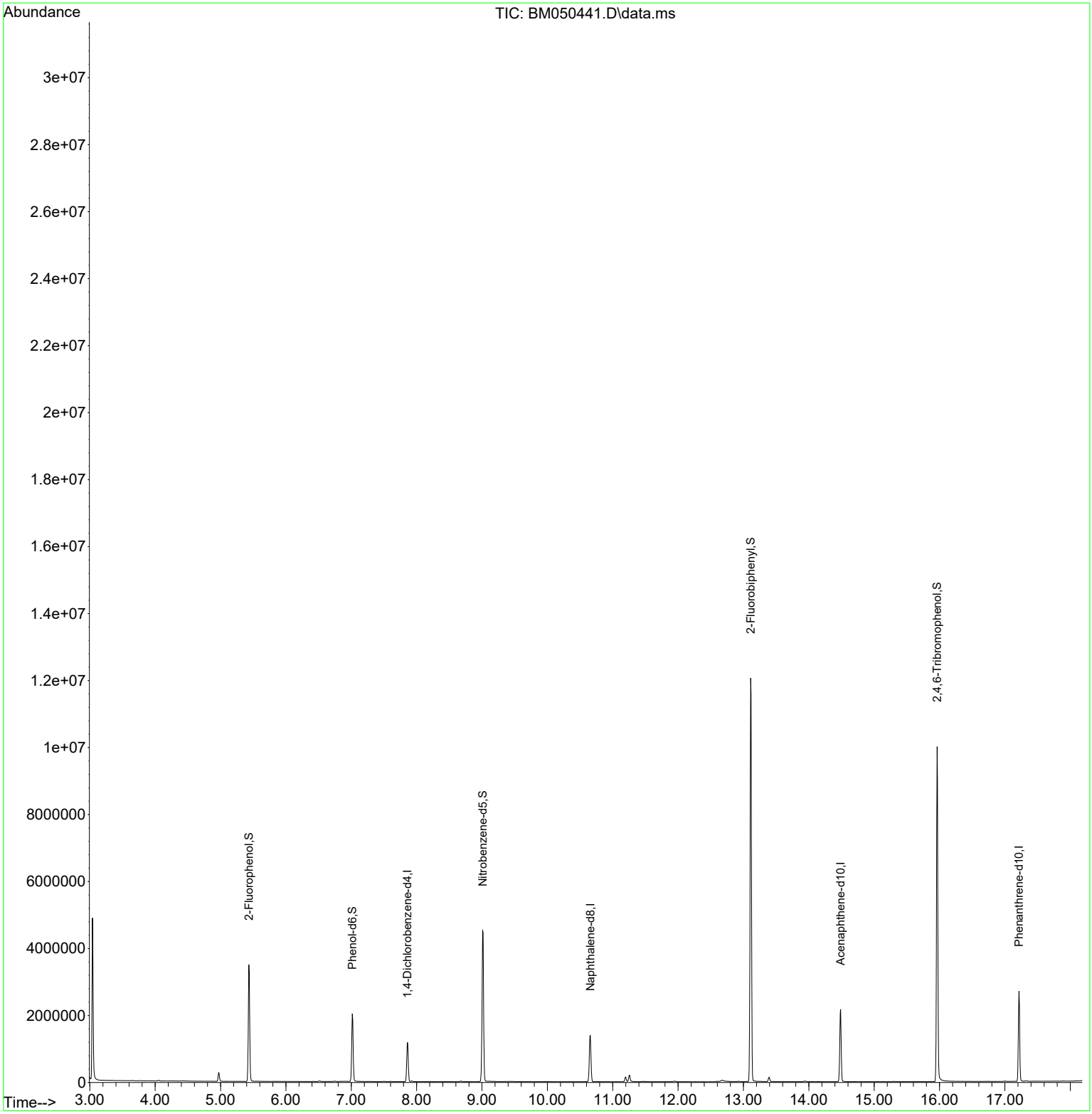
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	329239	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1195521	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	770212	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1550871	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	1527959	20.000	ng	-0.02
86) Perylene-d12	24.462	264	1560808	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1443676	75.478	ng	0.00
7) Phenol-d6	7.016	99	1057280	43.849	ng	0.00
23) Nitrobenzene-d5	9.010	82	2462601	105.090	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	1799877	192.333	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	6185426	99.175	ng	-0.01
79) Terphenyl-d14	19.827	244	10925123	125.804	ng	-0.02
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

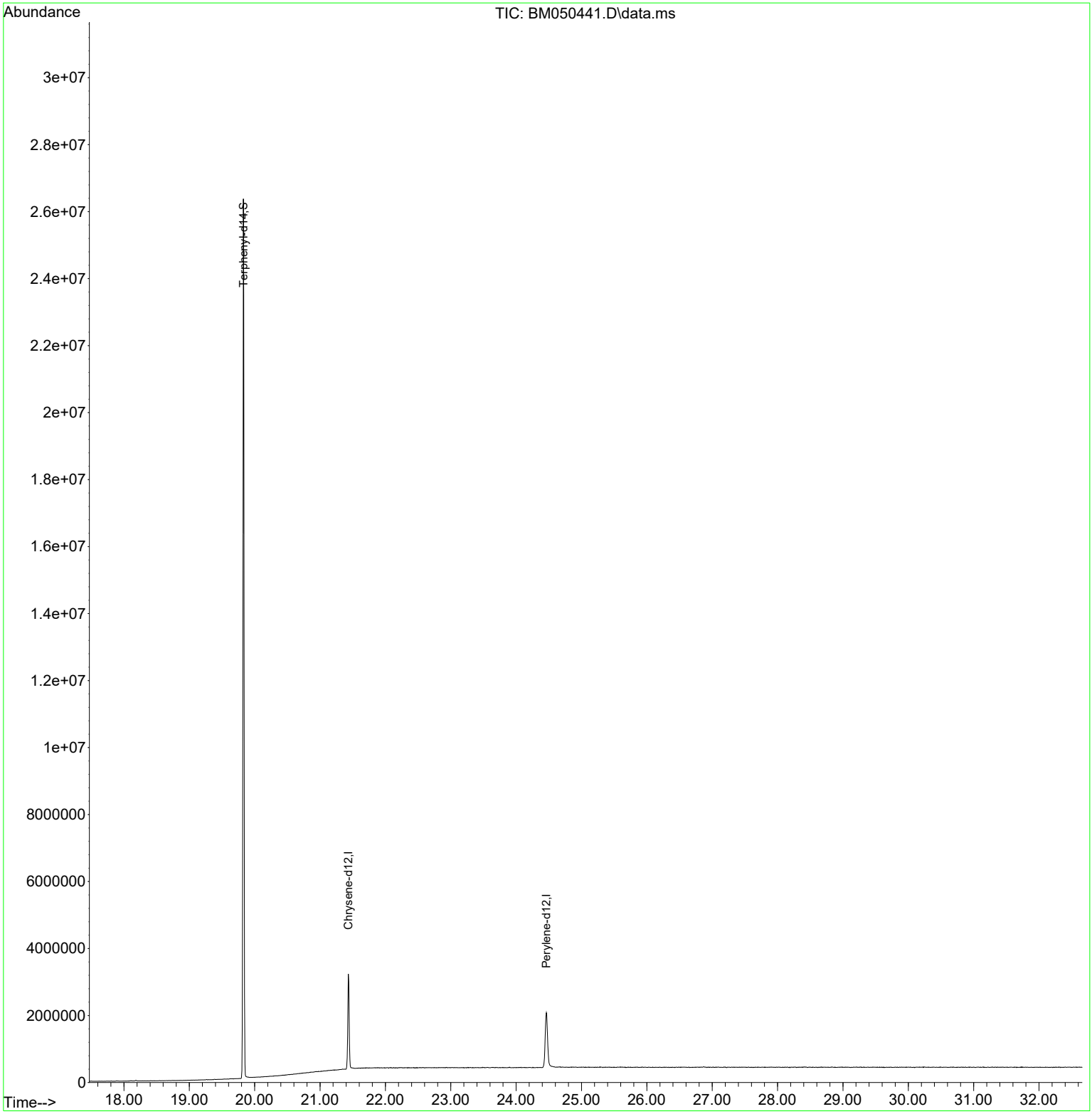
Quant Time: Jul 15 02:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

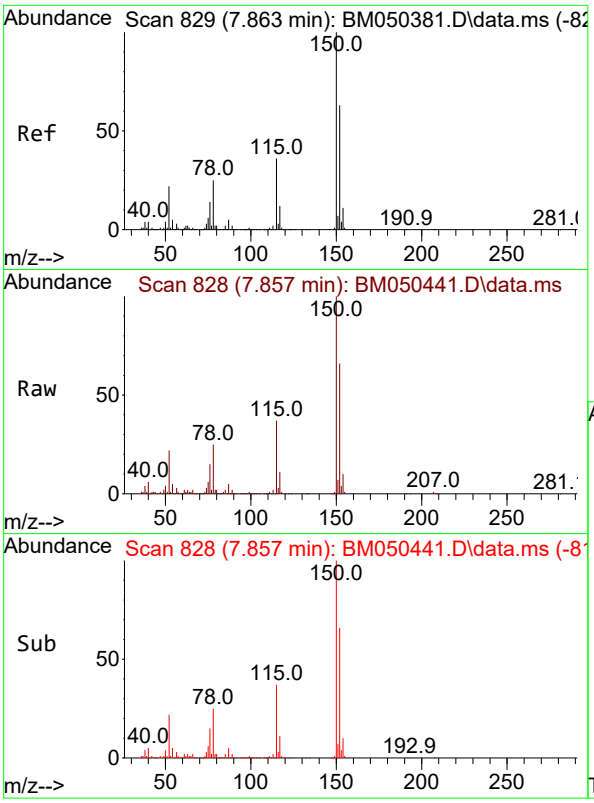


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

Quant Time: Jul 15 02:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



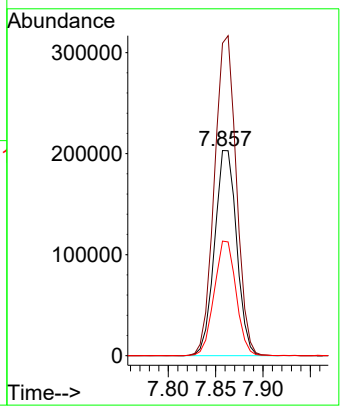


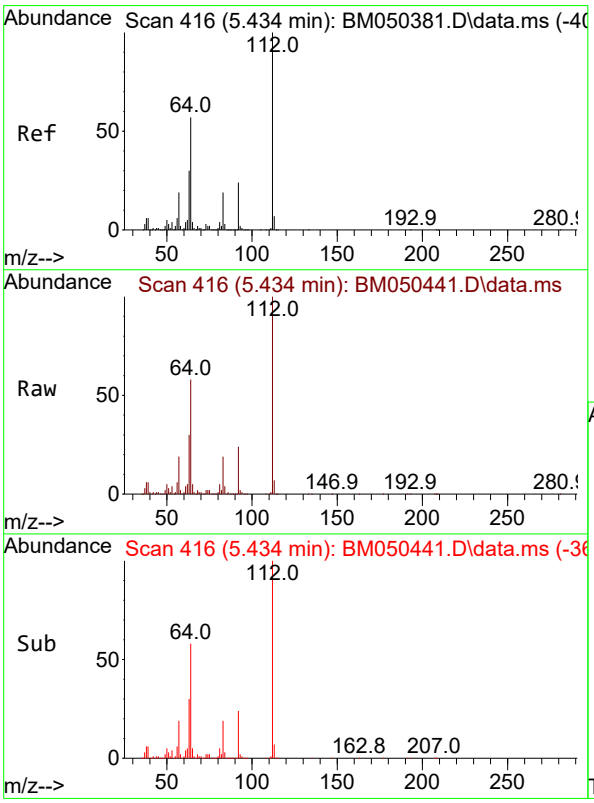
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:152 Resp: 329239

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.2	189.4
115	55.9	45.8	68.8

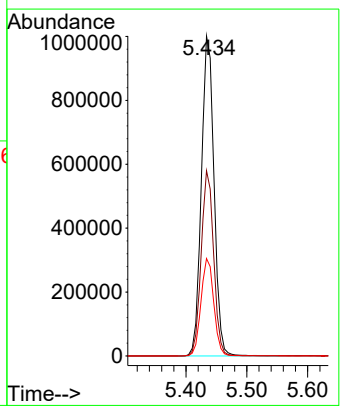


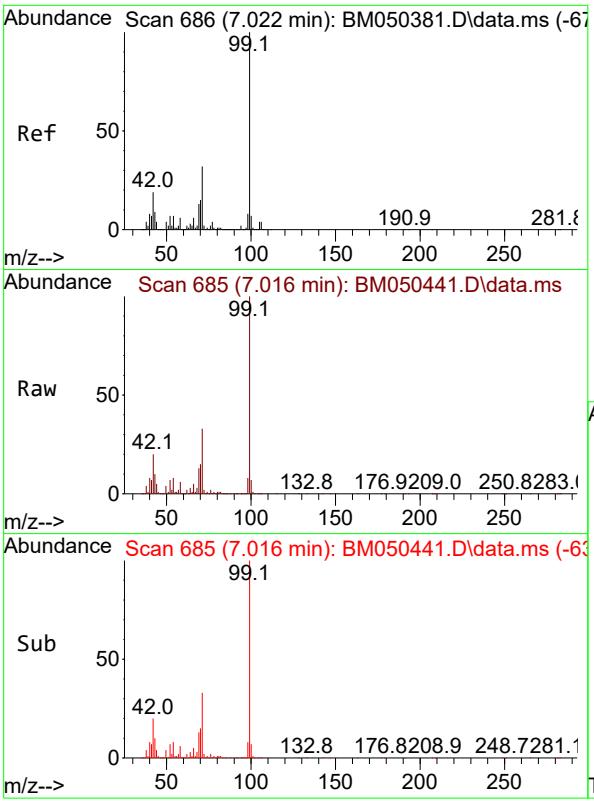


#5
2-Fluorophenol
Concen: 75.478 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:112 Resp: 1443676

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.5	68.3
63	30.4	24.2	36.4



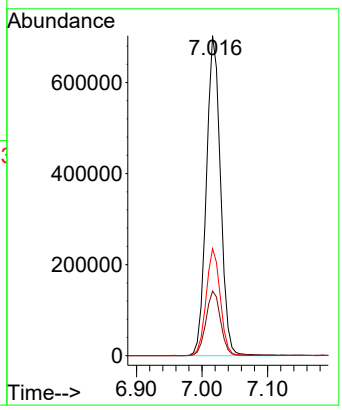


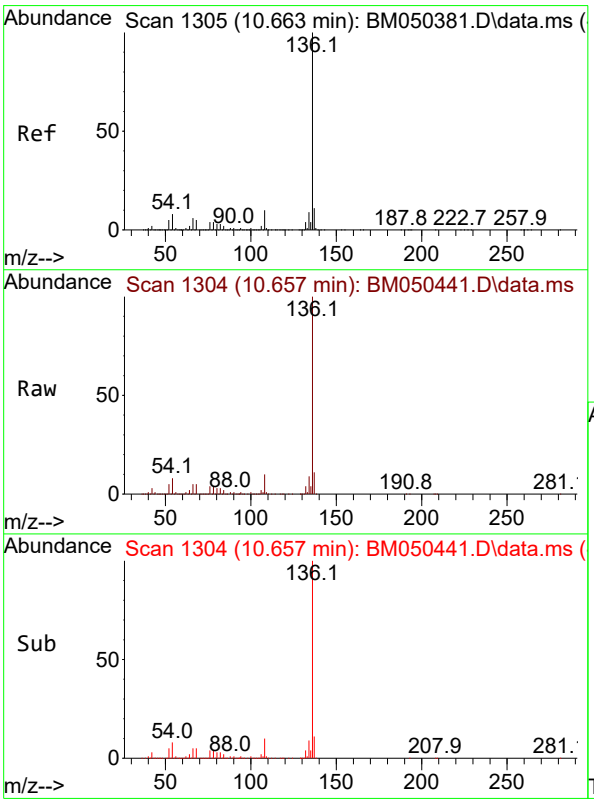
#7
Phenol-d6
Concen: 43.849 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion: 99 Resp: 1057280

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.0	22.6
71	33.4	25.9	38.9

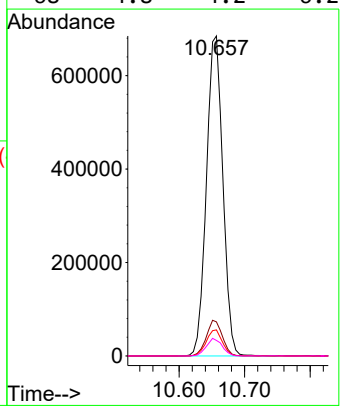


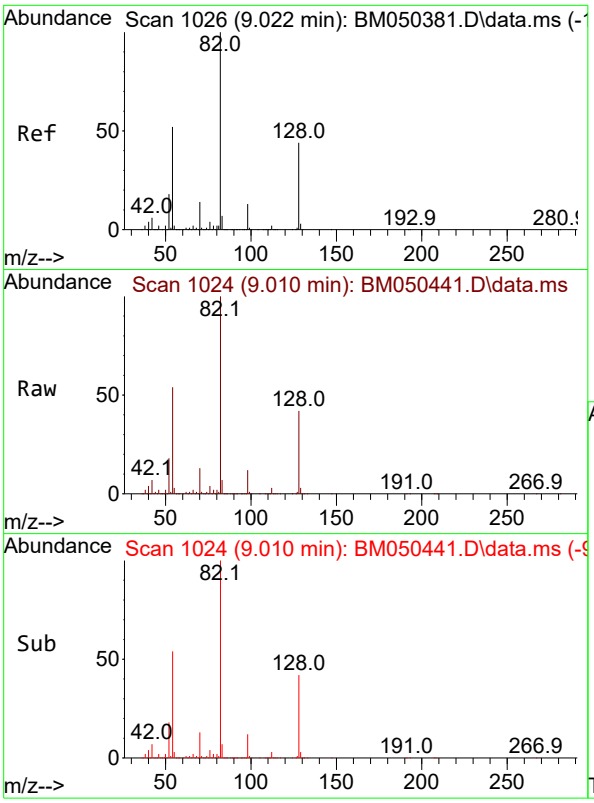


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:136 Resp: 1195521

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	6.3	9.5
68	4.8	4.2	6.2



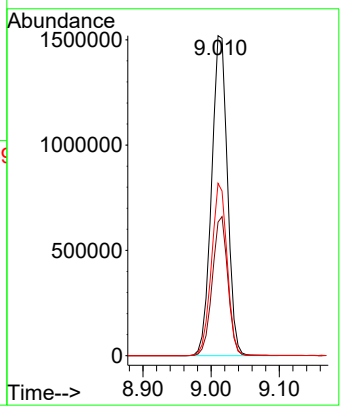


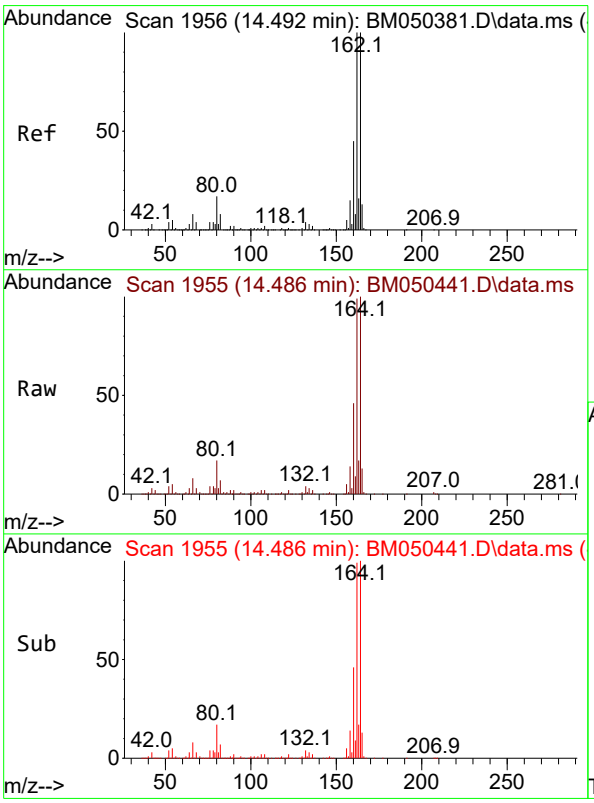
#23
Nitrobenzene-d5
Concen: 105.090 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion: 82 Resp: 2462601

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.2	52.8
54	53.9	41.5	62.3

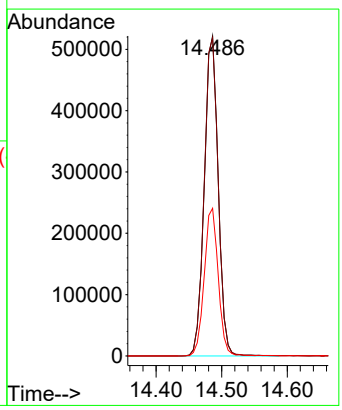


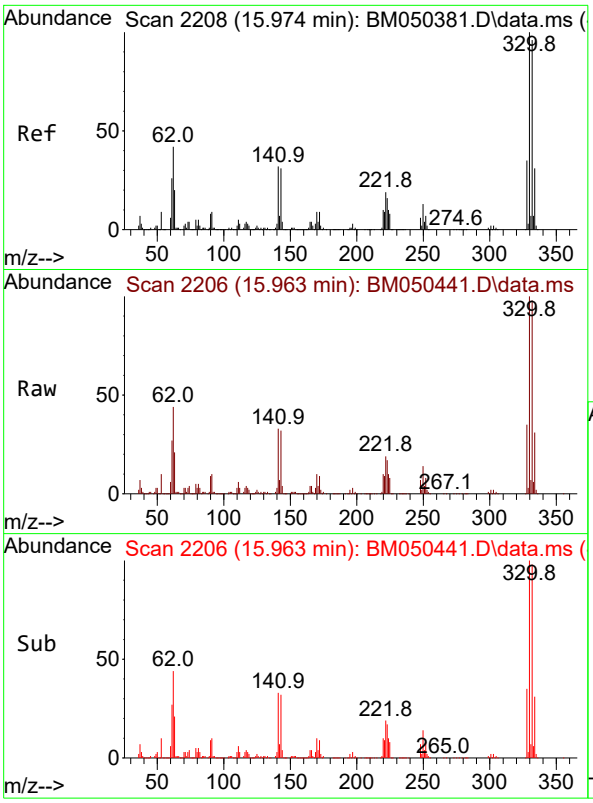


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:164 Resp: 770212

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	46.1	36.2	54.4



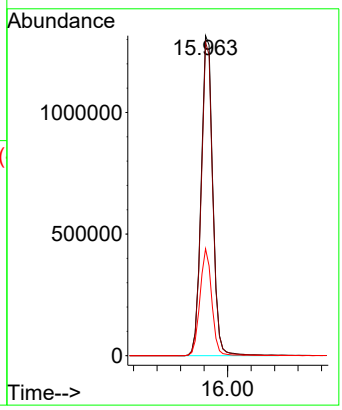


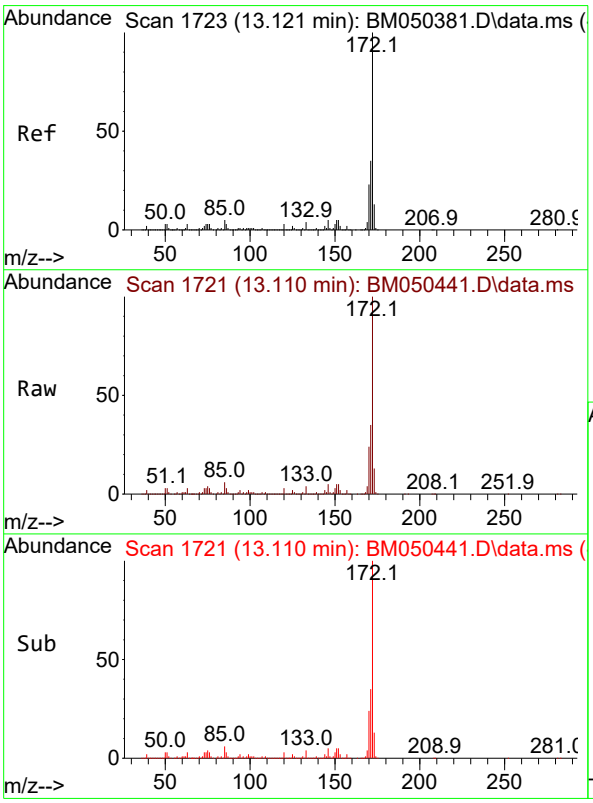
#42
2,4,6-Tribromophenol
Concen: 192.333 ng
RT: 15.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:330 Resp: 1799877

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	34.0	27.4	41.0

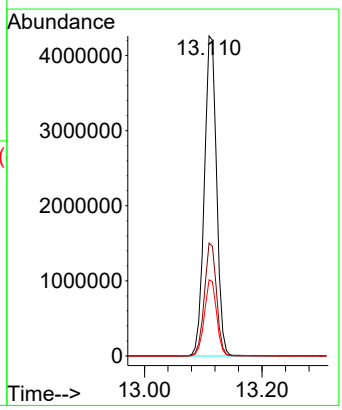


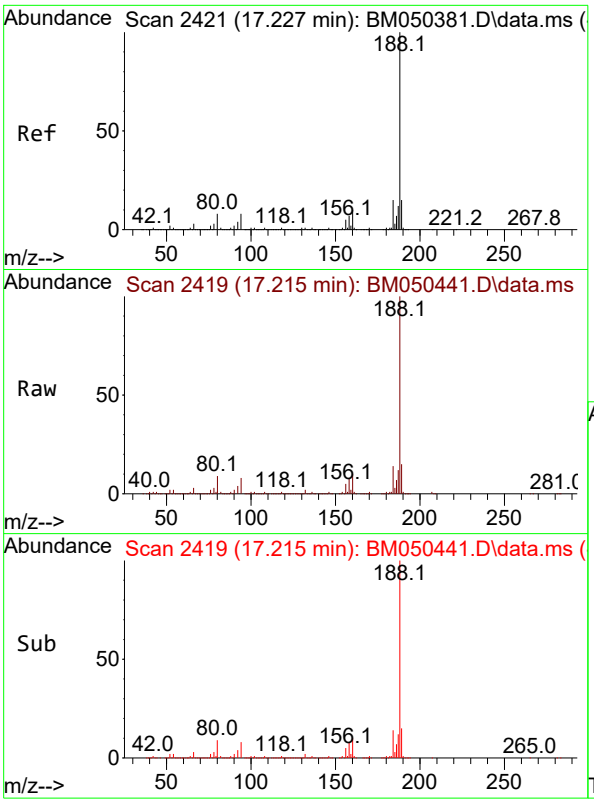


#45
2-Fluorobiphenyl
Concen: 99.175 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:172 Resp: 6185426

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.7	41.5
170	23.8	18.8	28.2



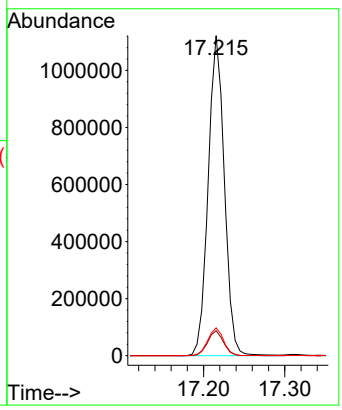


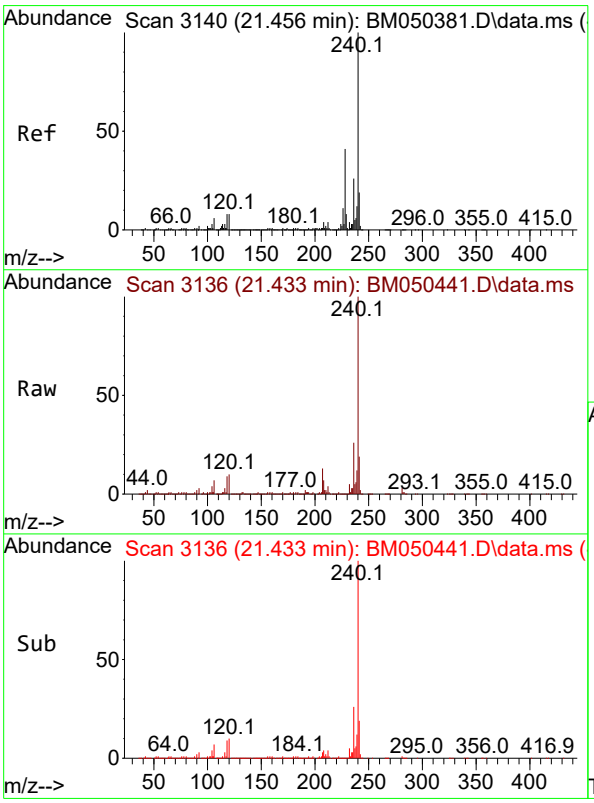
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:188 Resp: 1550871

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.7	6.5	9.7

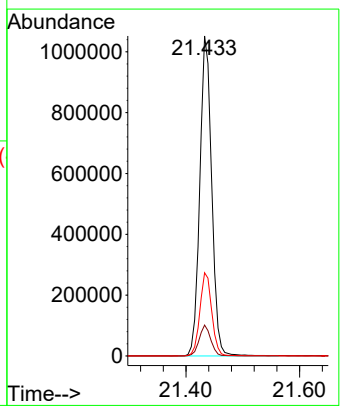


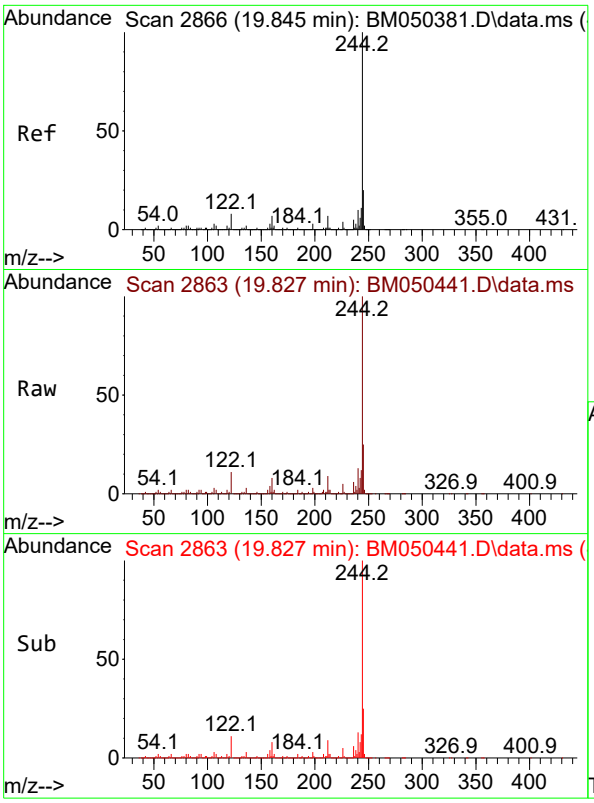


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:240 Resp: 1527959

Ion	Ratio	Lower	Upper
240	100		
120	9.7	6.7	10.1
236	26.0	20.7	31.1



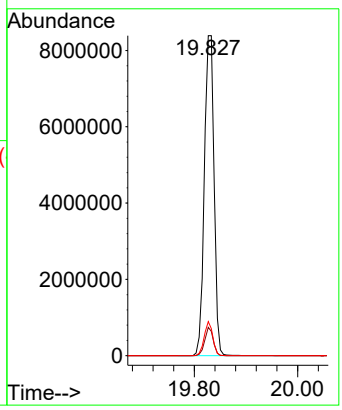


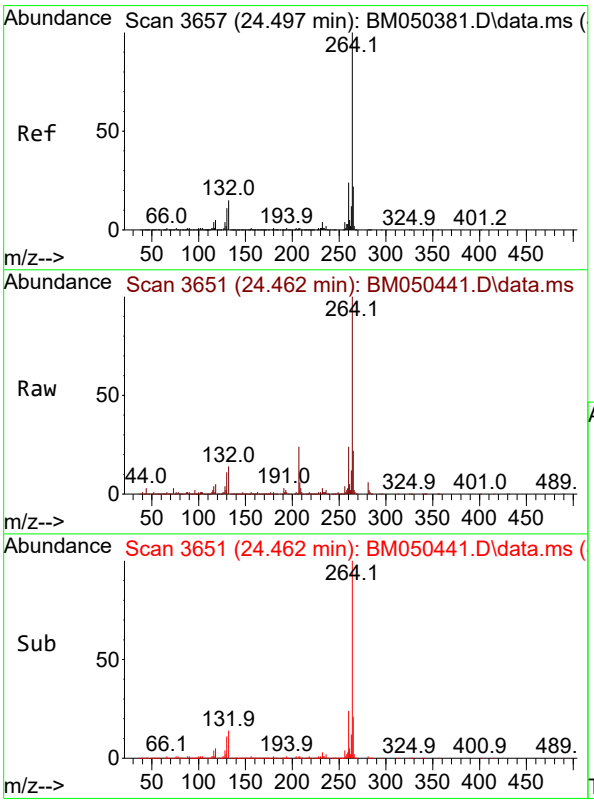
#79
Terphenyl-d14
Concen: 125.804 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:244 Resp:10925123

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.7	8.5#
122	10.6	6.2	9.2#

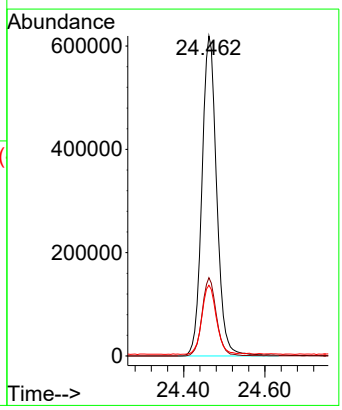




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.035 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:264 Resp: 1560808

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	17.8	26.6



Sample Results: **BM050441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BM050441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	5	9	28	rVB	4841678	5864872	18.93%	5.641%
2	4.975	332	338	345	rBV	262639	383395	1.24%	0.369%
3	5.434	409	416	426	rBV	3488545	5028662	16.23%	4.837%
4	7.016	678	685	696	rBV	2020622	3099976	10.01%	2.982%
5	7.857	821	828	836	rBV	1165726	1904322	6.15%	1.832%
6	9.010	1016	1024	1034	rBV	4505285	7391893	23.86%	7.110%
7	10.657	1296	1304	1317	rBV	1379826	2435524	7.86%	2.343%
8	11.257	1401	1406	1417	rVB	192521	323939	1.05%	0.312%
9	13.110	1714	1721	1732	rBV	12051557	17377127	56.09%	16.714%
10	14.486	1947	1955	1970	rBV	2160601	3257104	10.51%	3.133%
11	15.963	2199	2206	2233	rBV	10001064	14057567	45.38%	13.521%
12	17.215	2412	2419	2431	rBV2	2691006	3785148	12.22%	3.641%
13	19.827	2857	2863	2874	rBV	26259455	30979629	100.00%	29.797%
14	21.433	3131	3136	3144	rBV	2825946	4117522	13.29%	3.960%
15	24.462	3644	3651	3665	rVB3	1602883	3962859	12.79%	3.812%

Sum of corrected areas: 103969539

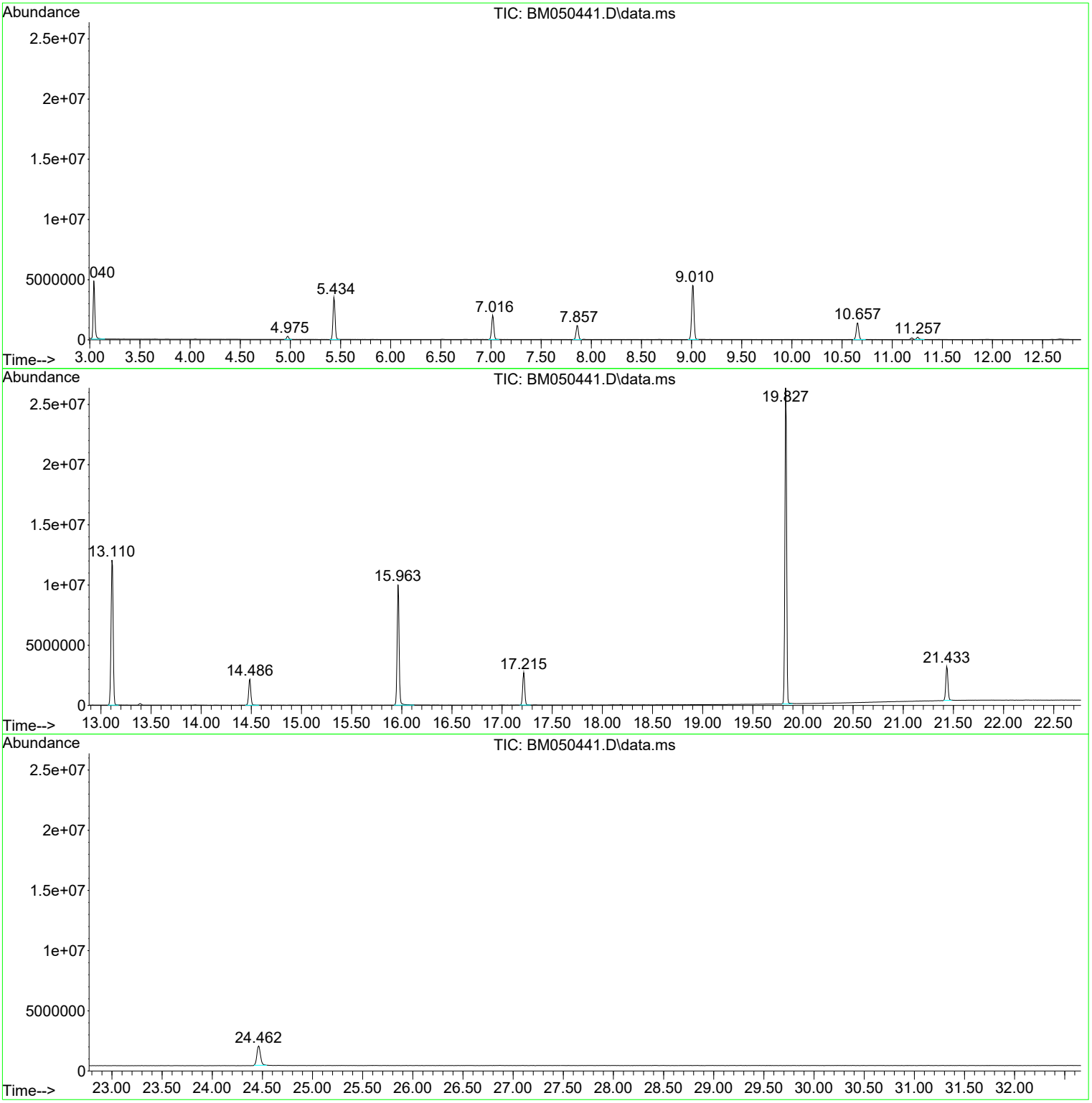
Sample Results: **BM050441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

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

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



Sample Results: **BM050441.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

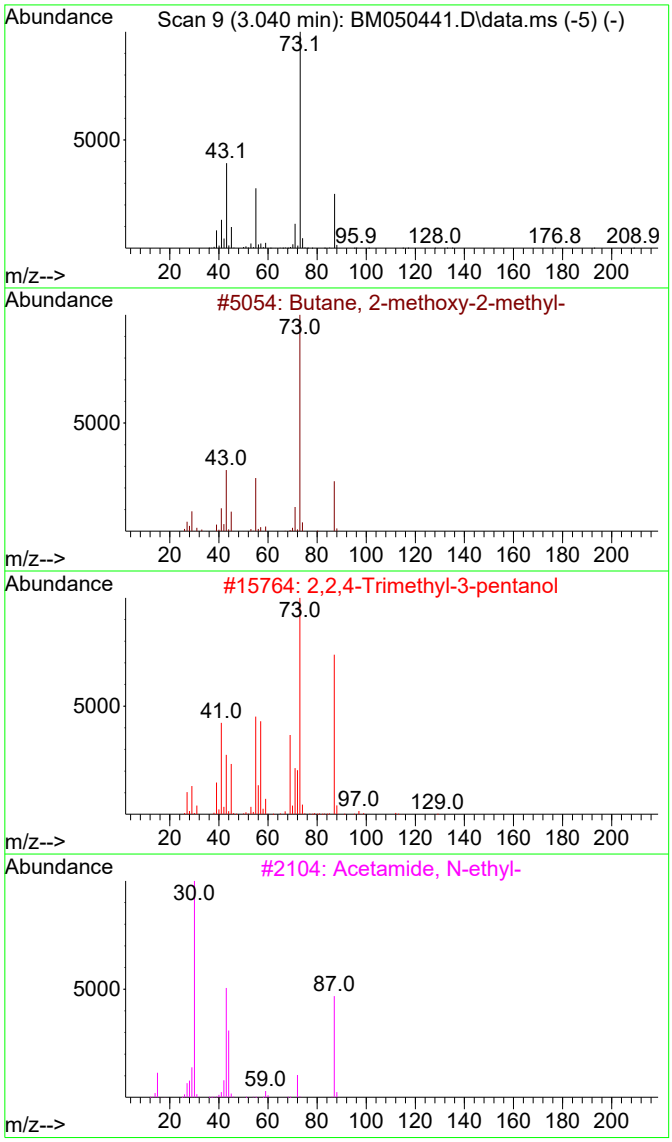
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

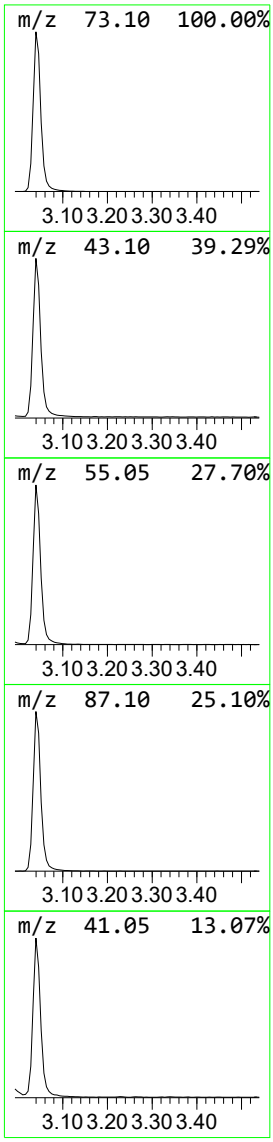
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	61.60 ng	5864870	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

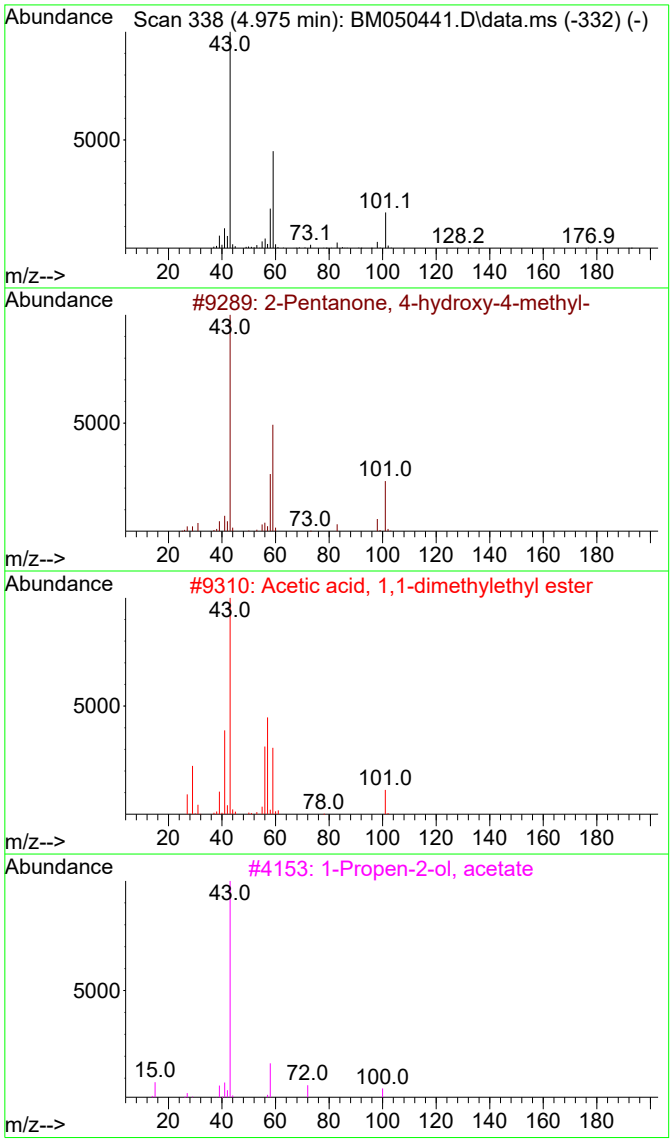
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

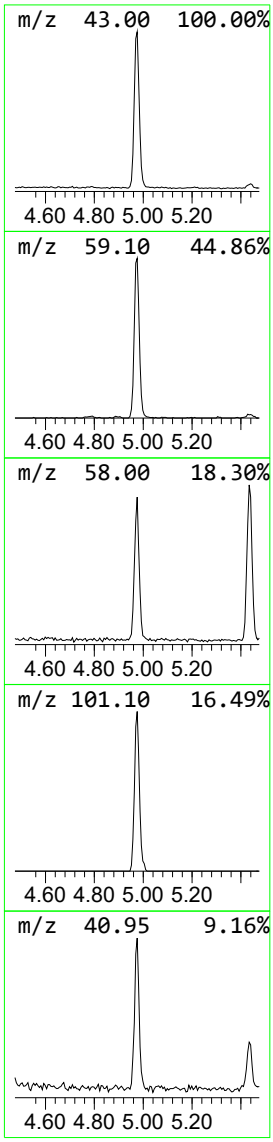
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	4.03 ng	383395	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

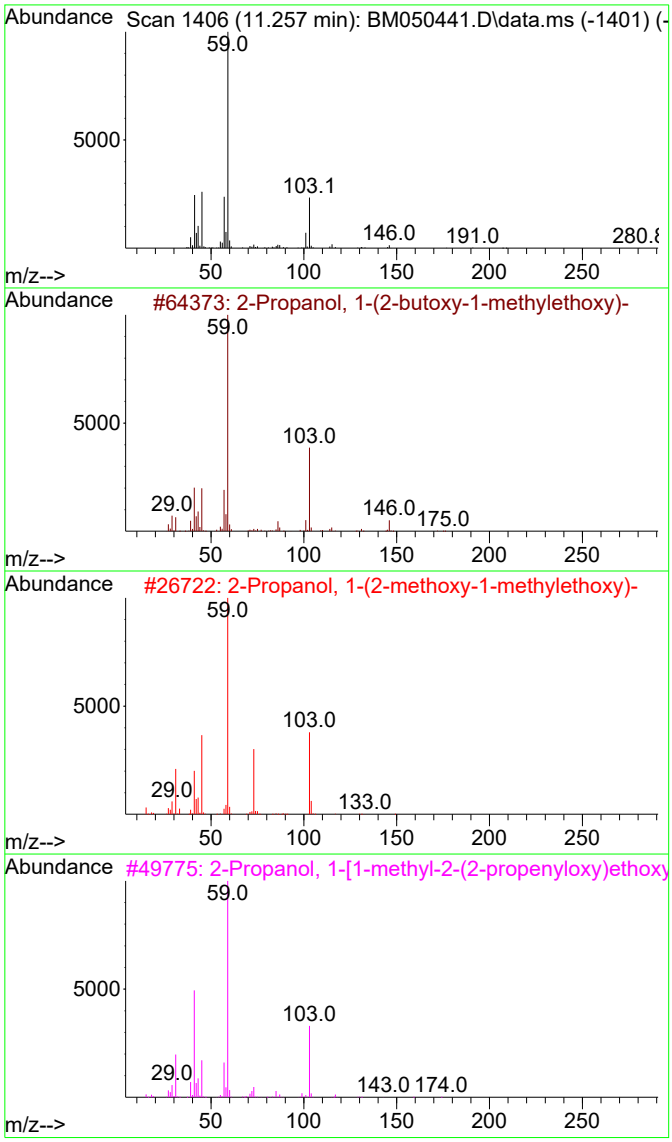
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

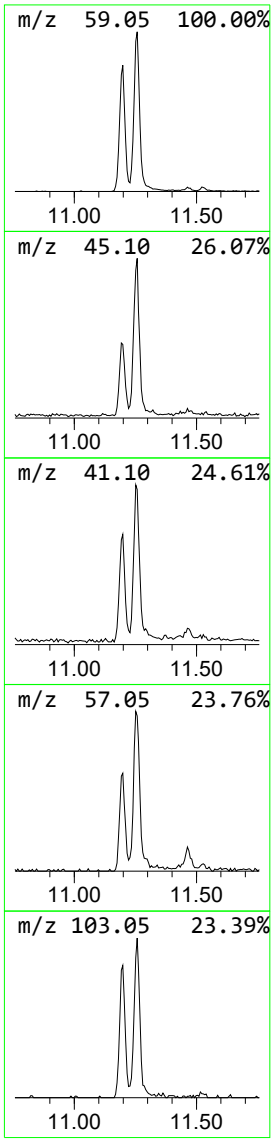
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.66 ng	323939	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
4	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	72
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	61.6	ng	5864870	1	7.857	1904320	20.0
2-Pentanone, 4-...	4.975	4.0	ng	383395	1	7.857	1904320	20.0
2-Propanol, 1-(...	11.257	2.7	ng	323939	2	10.657	2435520	20.0

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.162	4.9
Benzaldehyde			0.944	0.985	0.897	0.837	0.871	13.0
Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.465	6.7
Phenol		1.460	1.412	1.516	1.508	1.666	1.528	5.5
bis(2-Chloroethyl)ether		1.202	1.134	1.223	1.196	1.324	1.223	4.9
2-Chlorophenol		1.135	1.105	1.219	1.217	1.341	1.225	6.9
2-Methylphenol		0.922	0.898	0.980	0.990	1.089	0.991	6.7
2,2-oxybis(1-Chloropropane)		1.835	1.741	1.818	1.752	1.907	1.802	3.4
Acetophenone		0.493	0.479	0.501	0.491	0.534	0.500	3.7
3+4-Methylphenols			1.170	1.296	1.325	1.458	1.330	7.3
n-Nitroso-di-n-propylamine	0.790	0.805	0.808	0.888	0.911	1.005	0.887	9.0
Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.392	6.8
Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.535	4.7
Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.350	4.7
Isophorone		0.571	0.574	0.634	0.640	0.702	0.636	7.7
2-Nitrophenol		0.107	0.112	0.132	0.147	0.167	0.143	18.3
2,4-Dimethylphenol		0.295	0.275	0.301	0.299	0.329	0.303	5.6
bis(2-Chloroethoxy)methane		0.407	0.395	0.422	0.417	0.454	0.422	4.6
2,4-Dichlorophenol		0.277	0.279	0.311	0.312	0.344	0.312	8.3
Naphthalene		1.033	0.975	1.024	0.988	1.071	1.016	3.3
4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.429	6.0
Hexachlorobutadiene		0.222	0.209	0.222	0.221	0.244	0.228	5.4
Caprolactam			0.064	0.081	0.087	0.096	0.085	13.9
4-Chloro-3-methylphenol		0.258	0.256	0.288	0.295	0.326	0.291	9.1
2-Methylnaphthalene		0.611	0.595	0.638	0.635	0.693	0.641	5.2
Hexachlorocyclopentadiene			0.320	0.361	0.396	0.450	0.407	14.1
2,4,6-Trichlorophenol		0.330	0.335	0.377	0.394	0.443	0.391	11.8
2-Fluorobiphenyl		1.572	1.538	1.611	1.592	1.753	1.620	4.7
2,4,5-Trichlorophenol		0.359	0.376	0.415	0.430	0.484	0.428	11.1
1,1-Biphenyl		1.464	1.419	1.479	1.441	1.586	1.484	3.8
2-Chloronaphthalene		1.164	1.126	1.187	1.150	1.267	1.183	3.9
2-Nitroaniline		0.197	0.211	0.253	0.278	0.312	0.264	17.2
Dimethylphthalate		1.323	1.285	1.368	1.351	1.506	1.377	5.3
Acenaphthylene		1.645	1.658	1.795	1.775	1.956	1.788	6.2

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP
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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.196	0.224	0.263	0.273	0.308	0.264	15.4
3-Nitroaniline		0.204	0.231	0.278	0.294	0.330	0.281	16.8
Acenaphthene		1.086	1.050	1.126	1.111	1.231	1.137	5.5
2,4-Dinitrophenol			0.074	0.097	0.117	0.140	0.121	25.4
4-Nitrophenol			0.182	0.225	0.245	0.276	0.242	14.2
Dibenzofuran		1.747	1.674	1.756	1.709	1.880	1.751	3.8
2,4-Dinitrotoluene		0.234	0.277	0.340	0.371	0.422	0.350	20.3
Diethylphthalate		1.217	1.210	1.319	1.309	1.454	1.315	6.5
4-Chlorophenyl-phenylether		0.687	0.673	0.733	0.747	0.839	0.754	8.3
Fluorene		1.348	1.328	1.428	1.419	1.582	1.443	6.3
4-Nitroaniline		0.192	0.228	0.284	0.311	0.350	0.288	20.1
4,6-Dinitro-2-methylphenol			0.057	0.077	0.094	0.109	0.095	24.9
n-Nitrosodiphenylamine		0.572	0.577	0.620	0.623	0.678	0.626	6.5
2,4,6-Tribromophenol		0.182	0.195	0.230	0.248	0.285	0.243	17.4
4-Bromophenyl-phenylether		0.196	0.194	0.211	0.218	0.242	0.220	9.6
Hexachlorobenzene		0.239	0.233	0.253	0.256	0.283	0.260	7.8
Atrazine		0.166	0.175	0.199	0.211	0.232	0.206	13.0
Pentachlorophenol			0.122	0.145	0.161	0.181	0.162	15.2
Phenanthrene		1.119	1.070	1.119	1.101	1.206	1.132	3.9
Anthracene		1.028	1.017	1.109	1.117	1.233	1.127	7.4
Carbazole		0.939	0.944	1.009	1.010	1.108	1.019	6.2
Di-n-butylphthalate		0.954	0.961	1.091	1.140	1.252	1.116	10.8
Fluoranthene		1.088	1.079	1.182	1.233	1.366	1.230	9.7
Pyrene		1.198	1.177	1.260	1.260	1.388	1.281	6.3
Terphenyl-d14		1.095	1.110	1.225	1.258	1.298	1.137	12.4
Butylbenzylphthalate		0.317	0.334	0.401	0.441	0.492	0.422	17.4
3,3-Dichlorobenzidine			0.351	0.406	0.429	0.498	0.439	12.7
Benzo(a)anthracene		1.204	1.202	1.282	1.282	1.428	1.303	6.6
Chrysene		1.162	1.153	1.200	1.209	1.327	1.229	5.4
Bis(2-ethylhexyl)phthalate		0.499	0.546	0.658	0.705	0.780	0.670	16.3
Di-n-octyl phthalate			0.742	0.931	1.058	1.193	1.050	17.4
Benzo(b)fluoranthene		1.090	1.075	1.177	1.230	1.368	1.230	9.8
Benzo(k)fluoranthene		1.105	1.138	1.247	1.263	1.444	1.276	9.9
Benzo(a)pyrene		0.962	0.985	1.099	1.156	1.314	1.152	12.4
Indeno(1,2,3-cd)pyrene		1.208	1.238	1.374	1.415	1.603	1.422	11.2

All other compounds must meet a minimum RRF of 0.010.

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.022	1.035	1.159	1.193	1.352	1.198	11.2
Benzo(g,h,i)perylene		0.992	1.001	1.097	1.121	1.264	1.132	9.7
1,2,4,5-Tetrachlorobenzene		0.590	0.569	0.611	0.622	0.700	0.636	7.9
1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.478	4.0
2,3,4,6-Tetrachlorophenol		0.299	0.306	0.355	0.365	0.405	0.360	11.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM0503
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.474	0.457	0.478	3.99
3)		Pyridine		1.249	1.197	1.256	1.228	1.336	1.279	1.236	1.254	3.52
4)		n-Nitrosodimet...			0.562	0.595	0.572	0.620	0.595	0.565	0.585	3.88
5)	S	2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.202	1.168	1.162	4.89
6)		Aniline		1.784	1.702	1.844	1.878	2.042	1.987	1.921	1.880	6.20
7)	S	Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.547	1.498	1.465	6.67
8)		2-Chlorophenol		1.135	1.105	1.219	1.217	1.341	1.301	1.258	1.225	6.89
9)		Benzaldehyde			0.944	0.985	0.897	0.837	0.694		0.871	13.03
10)	C	Phenol		1.460	1.412	1.516	1.508	1.666	1.598	1.535	1.528	5.51
11)		bis(2-Chloroet...		1.202	1.134	1.223	1.196	1.324	1.268	1.218	1.223	4.88
12)		1,3-Dichlorobe...		1.504	1.425	1.496	1.448	1.580	1.511	1.465	1.490	3.40
13)	C	1,4-Dichlorobe...		1.553	1.459	1.536	1.465	1.610	1.538	1.487	1.521	3.57
14)		1,2-Dichlorobe...		1.481	1.395	1.454	1.410	1.541	1.485	1.428	1.456	3.48
15)		Benzyl Alcohol			0.907	0.995	1.022	1.125	1.090	1.052	1.032	7.45
16)		2,2'-oxybis(1-...		1.835	1.741	1.818	1.752	1.907	1.821	1.741	1.802	3.41
17)		2-Methylphenol		0.922	0.898	0.980	0.990	1.089	1.048	1.008	0.991	6.71
18)		Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.556	0.543	0.535	4.66
19)	P	n-Nitroso-di-n...	0.790	0.805	0.808	0.888	0.911	1.005	0.968	0.924	0.887	9.01
20)		3+4-Methylphenols			1.170	1.296	1.325	1.458	1.393	1.338	1.330	7.29
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.493	0.479	0.501	0.491	0.534	0.513	0.489	0.500	3.69
23)	S	Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.415	0.400	0.392	6.77
24)		Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.362	0.349	0.350	4.73
25)		Isophorone		0.571	0.574	0.634	0.640	0.702	0.679	0.652	0.636	7.73
26)	C	2-Nitrophenol		0.107	0.112	0.132	0.147	0.167	0.167	0.167	0.143	18.26
27)		2,4-Dimethylph...		0.295	0.275	0.301	0.299	0.329	0.317	0.308	0.303	5.63
28)		bis(2-Chloroet...		0.407	0.395	0.422	0.417	0.454	0.436	0.420	0.422	4.61
29)	C	2,4-Dichloroph...		0.277	0.279	0.311	0.312	0.344	0.334	0.325	0.312	8.26
30)		1,2,4-Trichlor...		0.370	0.349	0.369	0.362	0.397	0.385	0.378	0.373	4.21
31)		Naphthalene		1.033	0.975	1.024	0.988	1.071	1.029	0.992	1.016	3.26
32)		Benzoic acid			0.100	0.139	0.164	0.195	0.194	0.199	0.165	23.89
33)		4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.453	0.437	0.429	6.00
34)	C	Hexachlorobuta...		0.222	0.209	0.222	0.221	0.244	0.239	0.235	0.228	5.37
35)		Caprolactam			0.064	0.081	0.087	0.096	0.093	0.090	0.085	13.87
36)	C	4-Chloro-3-met...		0.258	0.256	0.288	0.295	0.326	0.313	0.302	0.291	9.10
37)		2-Methylnaphth...		0.611	0.595	0.638	0.635	0.693	0.671	0.647	0.641	5.19
38)		1-Methylnaphth...		0.651	0.629	0.674	0.673	0.736	0.707	0.681	0.679	5.17

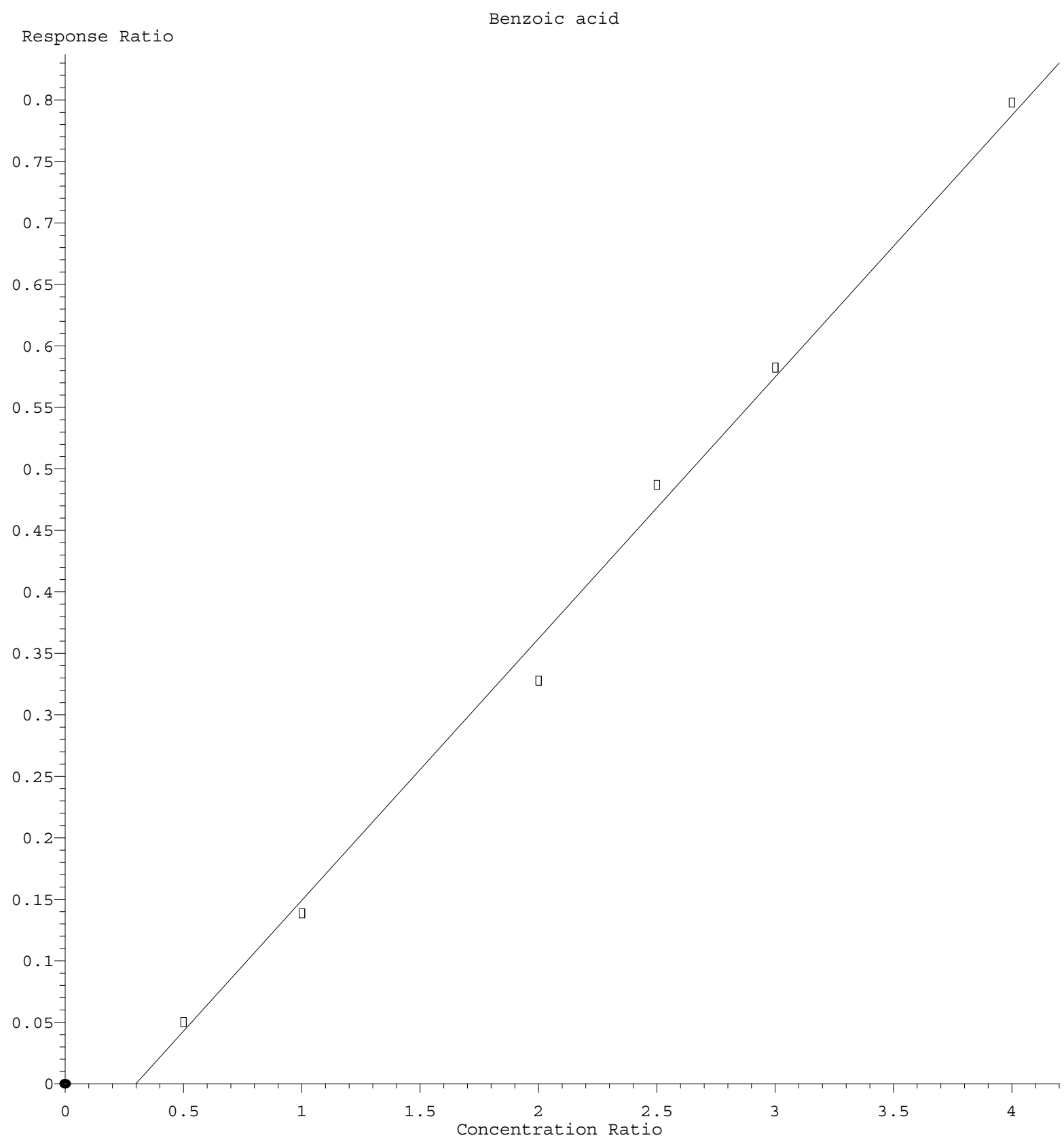
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.569	0.611	0.622	0.700	0.683	0.677	0.636	7.93
41)	P	Hexachlorocycl...		0.320	0.361	0.396	0.450	0.454	0.459	0.407	14.08
42)	S	2,4,6-Tribromo...	0.182	0.195	0.230	0.248	0.285	0.280	0.280	0.243	17.40
43)	C	2,4,6-Trichlor...	0.330	0.335	0.377	0.394	0.443	0.434	0.427	0.391	11.81
44)		2,4,5-Trichlor...	0.359	0.376	0.415	0.430	0.484	0.470	0.460	0.428	11.13
45)	S	2-Fluorobiphenyl	1.572	1.538	1.611	1.592	1.753	1.697	1.575	1.620	4.74
46)		1,1'-Biphenyl	1.464	1.419	1.479	1.441	1.586	1.527	1.471	1.484	3.79
47)		2-Chloronaphth...	1.164	1.126	1.187	1.150	1.267	1.217	1.171	1.183	3.93
48)		2-Nitroaniline	0.197	0.211	0.253	0.278	0.312	0.302	0.295	0.264	17.17
49)		Acenaphthylene	1.645	1.658	1.795	1.775	1.956	1.875	1.811	1.788	6.21
50)		Dimethylphthalate	1.323	1.285	1.368	1.351	1.506	1.432	1.373	1.377	5.29
51)		2,6-Dinitrotol...	0.196	0.224	0.263	0.273	0.308	0.297	0.289	0.264	15.41
52)	C	Acenaphthene	1.086	1.050	1.126	1.111	1.231	1.196	1.158	1.137	5.51
53)		3-Nitroaniline	0.204	0.231	0.278	0.294	0.330	0.319	0.311	0.281	16.81
54)	P	2,4-Dinitrophenol		0.074	0.097	0.117	0.140	0.147	0.150	0.121	25.40
55)		Dibenzofuran	1.747	1.674	1.756	1.709	1.880	1.784	1.711	1.751	3.84
56)	P	4-Nitrophenol		0.182	0.225	0.245	0.276	0.265	0.258	0.242	14.15
57)		2,4-Dinitrotol...	0.234	0.277	0.340	0.371	0.422	0.407	0.401	0.350	20.31
58)		Fluorene	1.348	1.328	1.428	1.419	1.582	1.522	1.470	1.443	6.29
59)		2,3,4,6-Tetrac...	0.299	0.306	0.355	0.365	0.405	0.397	0.392	0.360	11.92
60)		Diethylphthalate	1.217	1.210	1.319	1.309	1.454	1.379	1.320	1.315	6.51
61)		4-Chlorophenyl...	0.687	0.673	0.733	0.747	0.839	0.811	0.790	0.754	8.28
62)		4-Nitroaniline	0.192	0.228	0.284	0.311	0.350	0.331	0.320	0.288	20.10
63)		Azobenzene	1.085	1.116	1.234	1.208	1.335	1.272	1.204	1.208	7.15
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.057	0.077	0.094	0.109	0.113	0.117	0.095	24.90
66)	c	n-Nitrosodiphe...	0.572	0.577	0.620	0.623	0.678	0.658	0.654	0.626	6.49
67)		4-Bromophenyl-...	0.196	0.194	0.211	0.218	0.242	0.240	0.241	0.220	9.61
68)		Hexachlorobenzene	0.239	0.233	0.253	0.256	0.283	0.279	0.278	0.260	7.78
69)		Atrazine	0.166	0.175	0.199	0.211	0.232	0.228	0.227	0.206	12.95
70)	C	Pentachlorophenol		0.122	0.145	0.161	0.181	0.180	0.183	0.162	15.23
71)		Phenanthrene	1.119	1.070	1.119	1.101	1.206	1.163	1.143	1.132	3.91
72)		Anthracene	1.028	1.017	1.109	1.117	1.233	1.204	1.179	1.127	7.44
73)		Carbazole	0.939	0.944	1.009	1.010	1.108	1.073	1.052	1.019	6.23
74)		Di-n-butylphth...	0.954	0.961	1.091	1.140	1.252	1.216	1.196	1.116	10.76
75)	C	Fluoranthene	1.088	1.079	1.182	1.233	1.366	1.339	1.327	1.230	9.67
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.370	0.521	0.553	0.601	0.552	0.464	0.510	16.08
78)		Pyrene	1.198	1.177	1.260	1.260	1.388	1.366	1.316	1.281	6.26
79)	S	Terphenyl-d14	1.095	1.110	1.225	1.258	1.298	1.094	0.878	1.137	12.43
80)		Butylbenzylpht...	0.317	0.334	0.401	0.441	0.492	0.491	0.479	0.422	17.39
81)		Benzo(a)anthra...	1.204	1.202	1.282	1.282	1.428	1.379	1.345	1.303	6.57
82)		3,3'-Dichlorob...		0.351	0.406	0.429	0.498	0.487	0.465	0.439	12.66
83)		Chrysene	1.162	1.153	1.200	1.209	1.327	1.303	1.249	1.229	5.45
84)		Bis(2-ethylhex...	0.499	0.546	0.658	0.705	0.780	0.763	0.742	0.670	16.33
85)	c	Di-n-octyl pht...		0.742	0.931	1.058	1.193	1.194	1.183	1.050	17.44

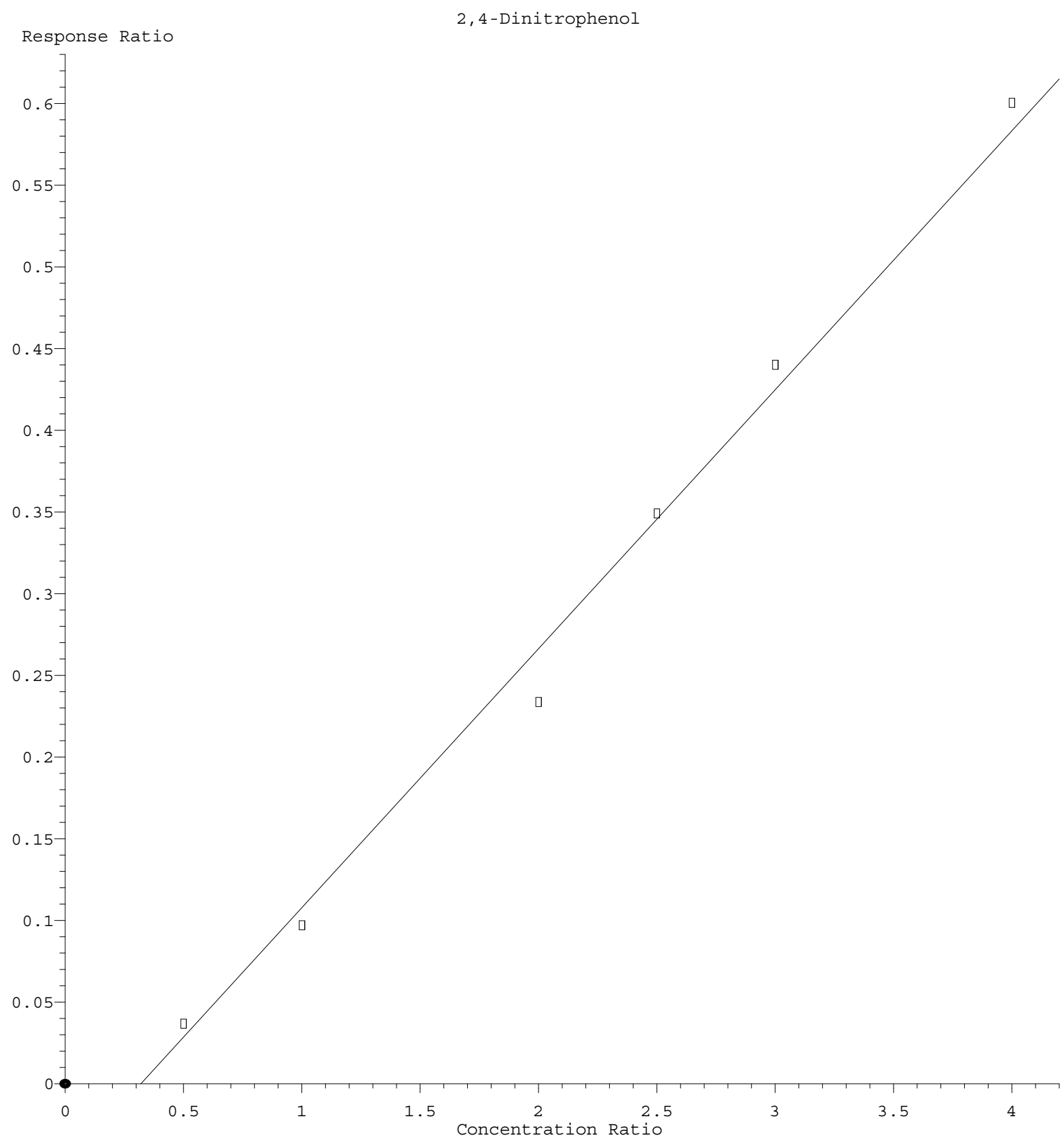
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.208	1.238	1.374	1.415	1.603	1.564	1.551	1.422	11.17
88)		Benzo(b)fluora...	1.090	1.075	1.177	1.230	1.368	1.344	1.327	1.230	9.83
89)		Benzo(k)fluora...	1.105	1.138	1.247	1.263	1.444	1.387	1.350	1.276	9.86
90)	C	Benzo(a)pyrene	0.962	0.985	1.099	1.156	1.314	1.281	1.264	1.152	12.41
91)		Dibenzo(a,h)an...	1.022	1.035	1.159	1.193	1.352	1.320	1.301	1.198	11.23
92)		Benzo(g,h,i)pe...	0.992	1.001	1.097	1.121	1.263	1.232	1.216	1.132	9.73

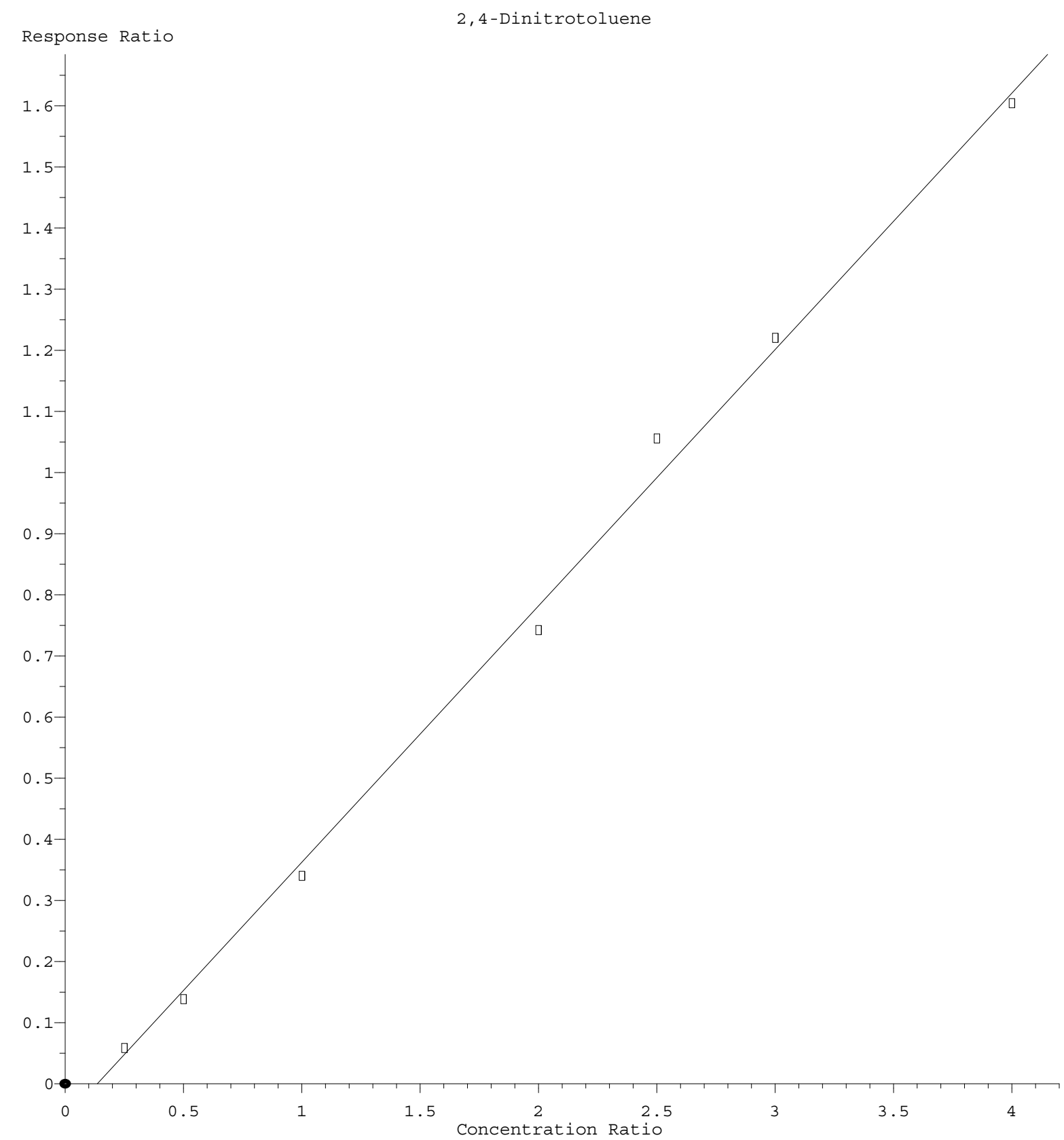
(#) = Out of Range



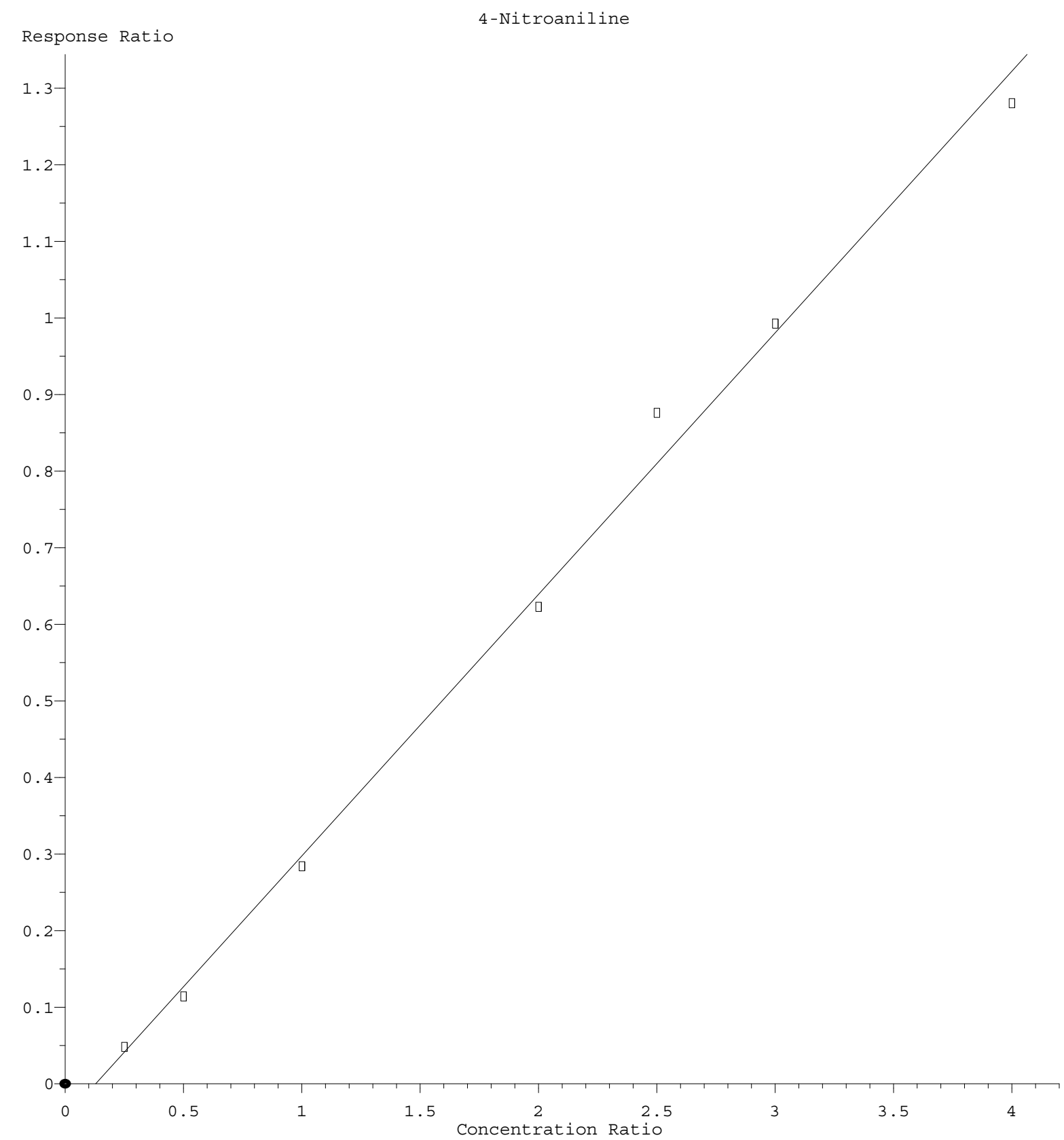
Response = 2.127e-001 * Amt - 6.353e-002
Coef of Det (r^2) = 0.995611 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



Response = 1.586e-001 * Amt - 5.080e-002
Coef of Det (r^2) = 0.992540 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

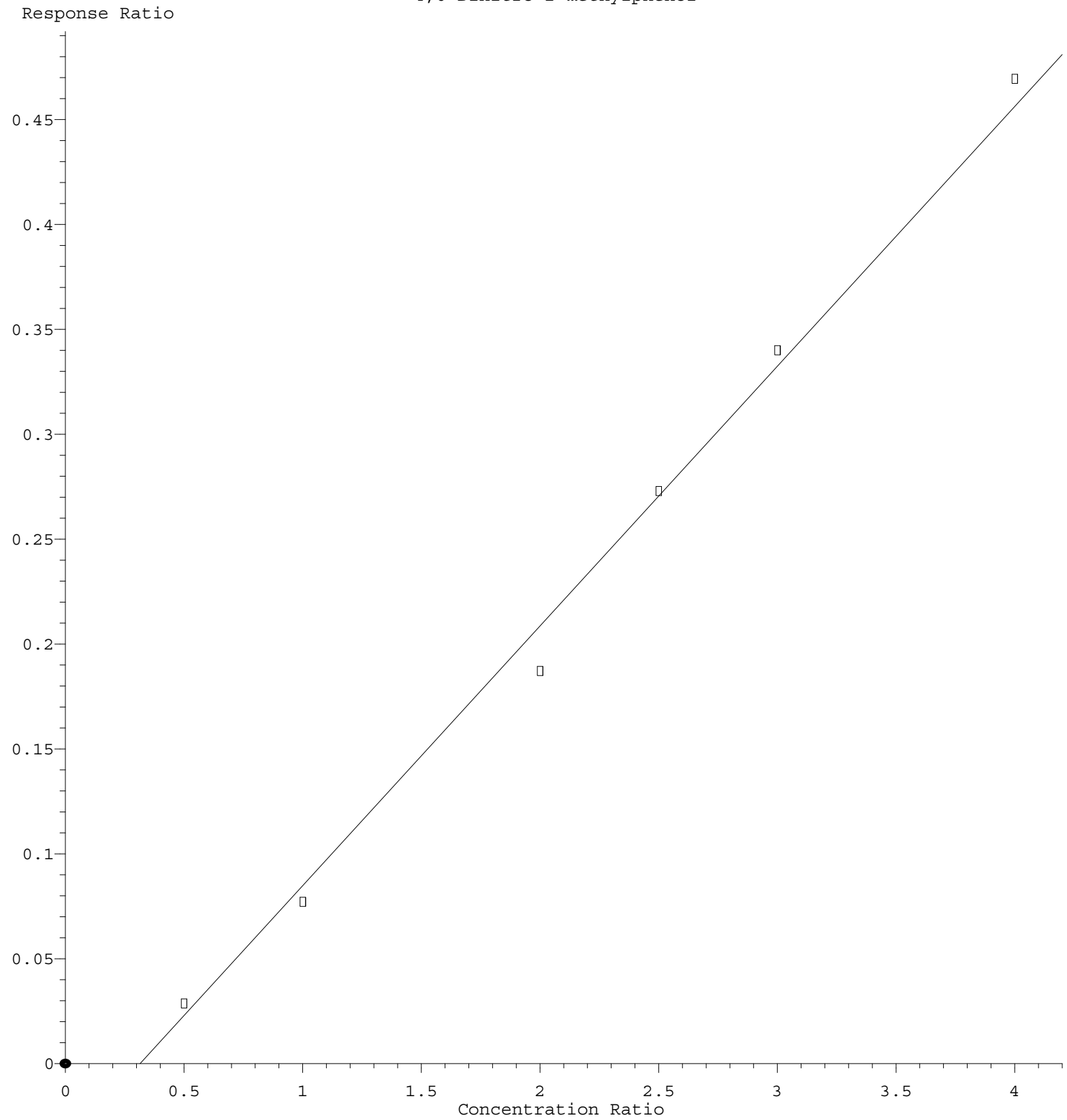


Response = 4.196e-001 * Amt - 5.715e-002
Coef of Det (r^2) = 0.996987 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



Response = 3.416e-001 * Amt - 4.419e-002
Coef of Det (r^2) = 0.996508 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

4,6-Dinitro-2-methylphenol



Response = 1.238e-001 * Amt - 3.901e-002
Coef of Det (r^2) = 0.994498 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.663	70	37375	2.226	ng	100

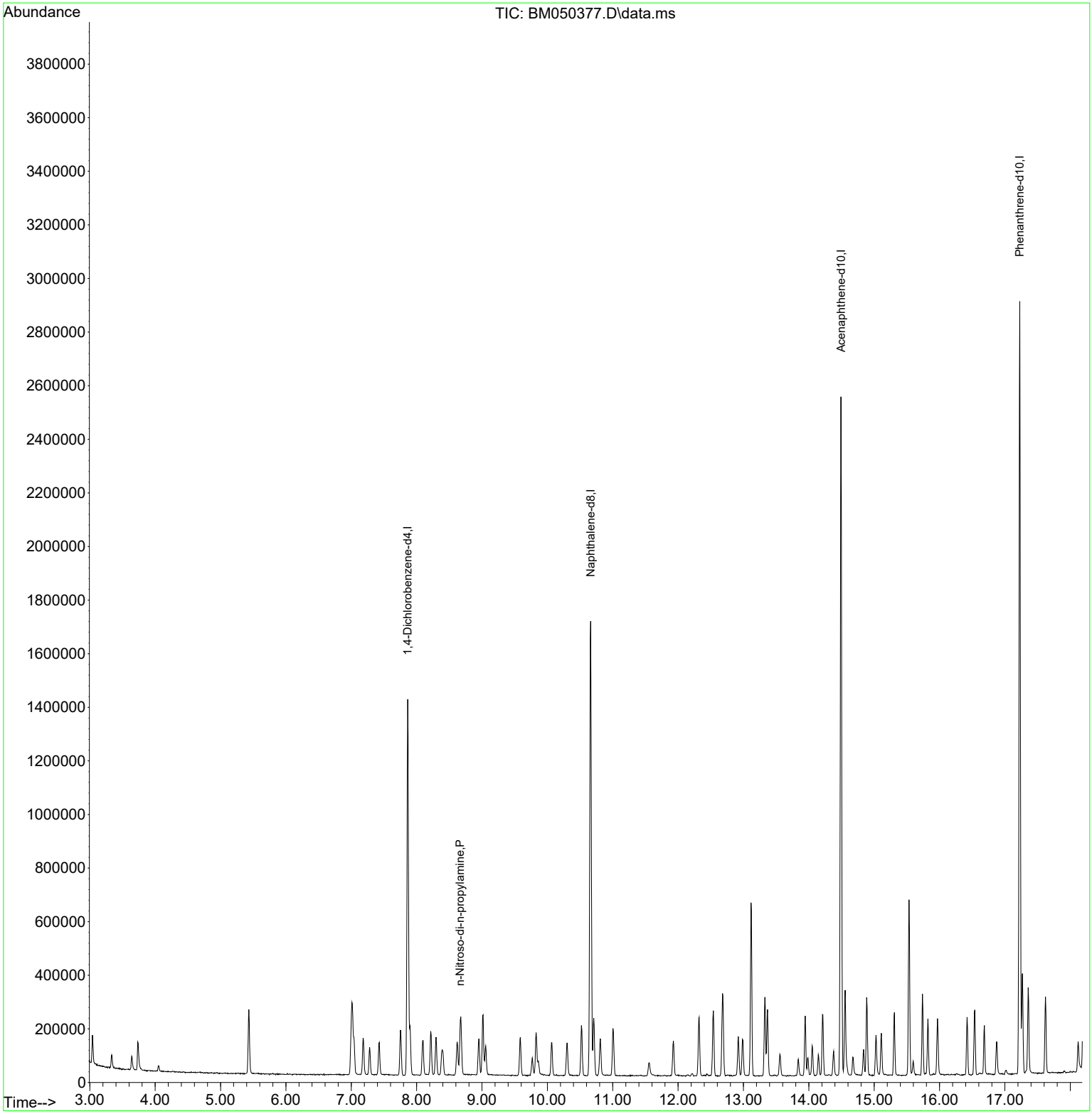
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

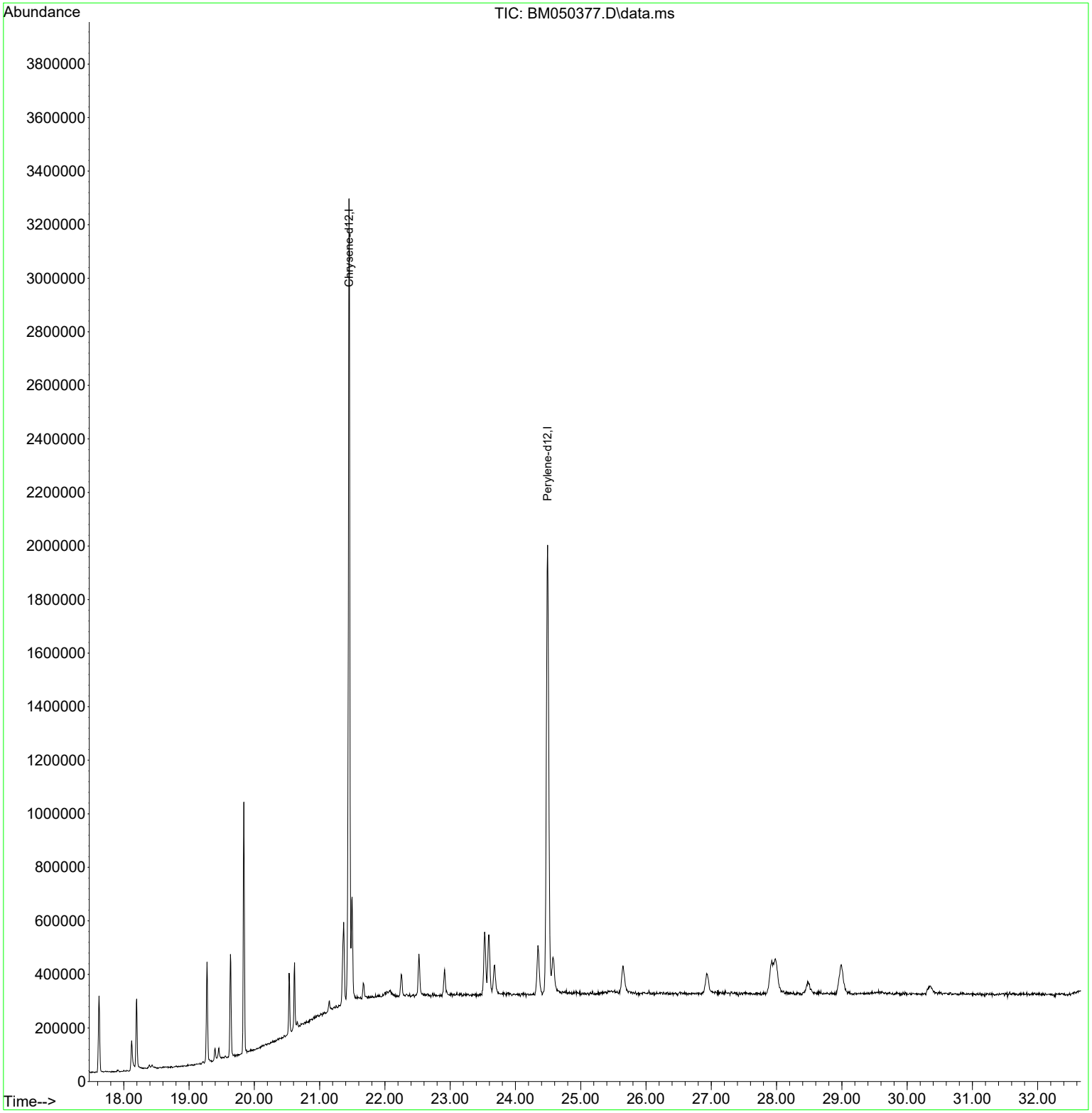


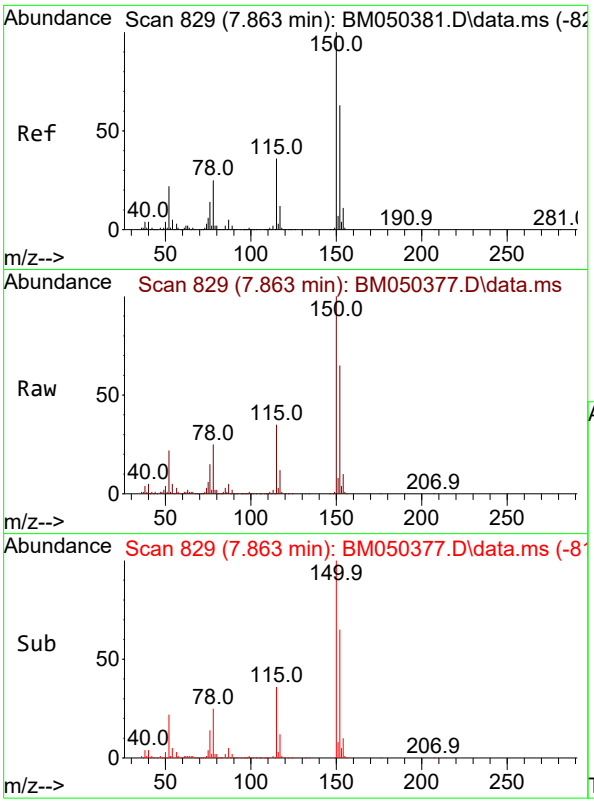
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



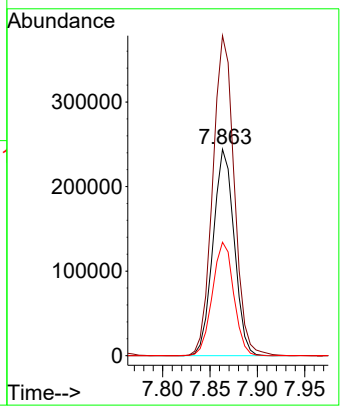


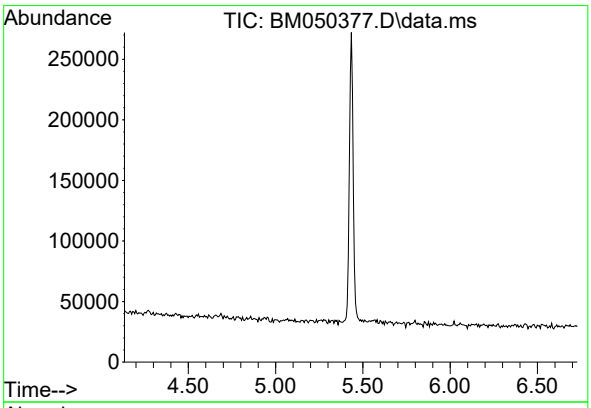
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 378493

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.0	45.8	68.8



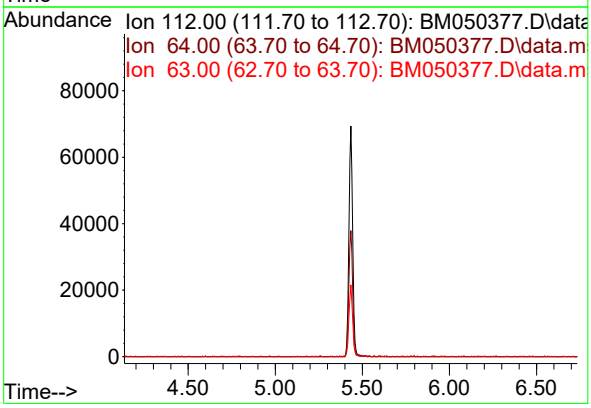


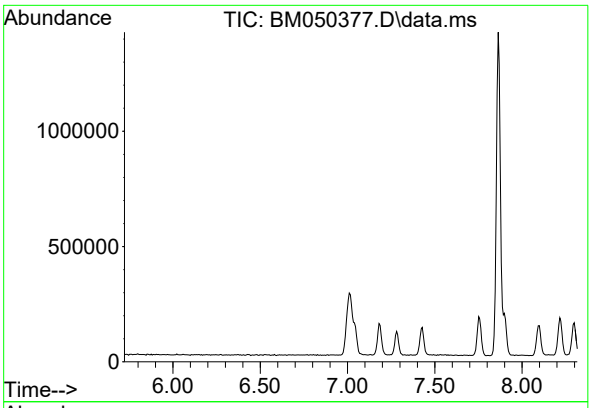
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	56.9
63	30.3





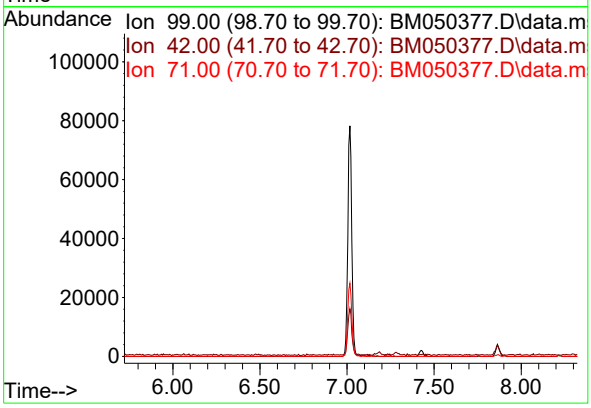
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.02 min

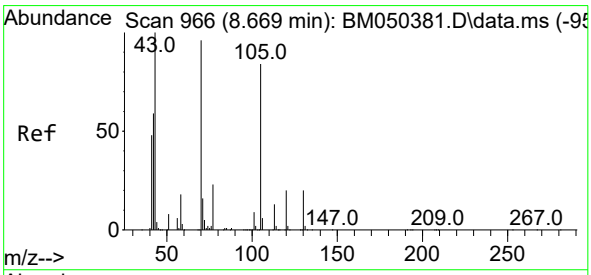
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

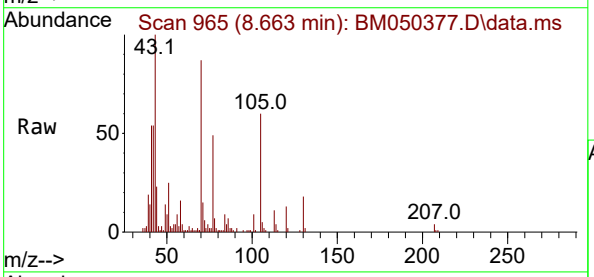
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

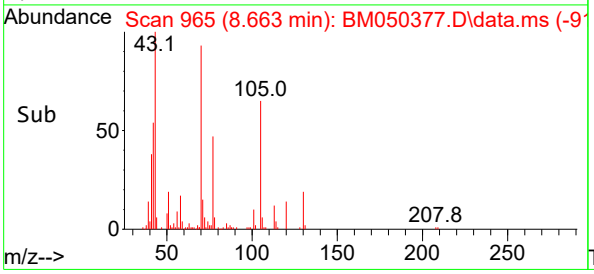
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.8
71	32.4





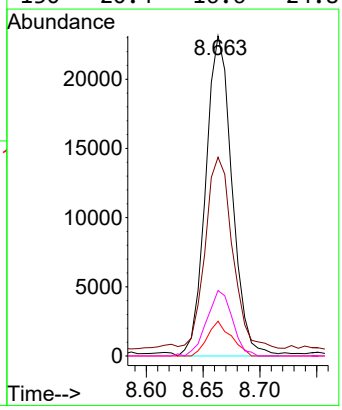


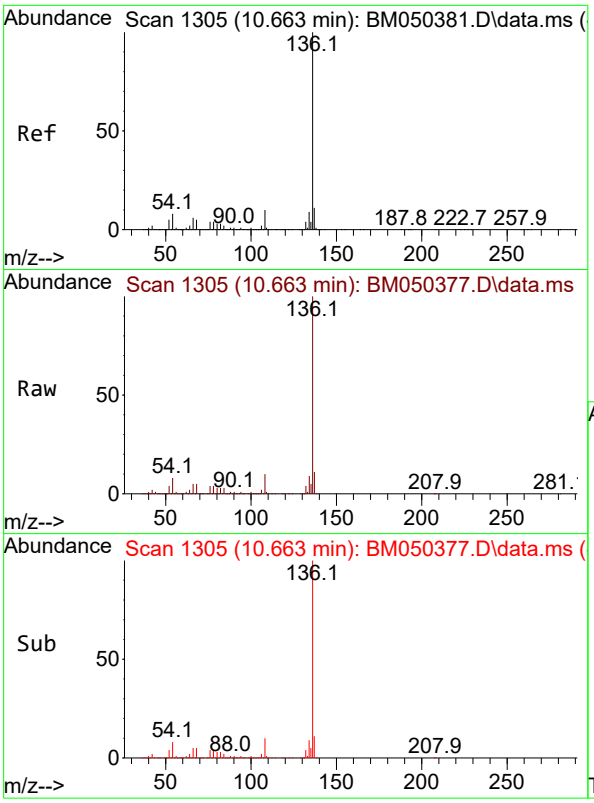


#19
n-Nitroso-di-n-propylamine
Concen: 2.226 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	10.8	7.7	11.5
130	20.4	16.6	24.8



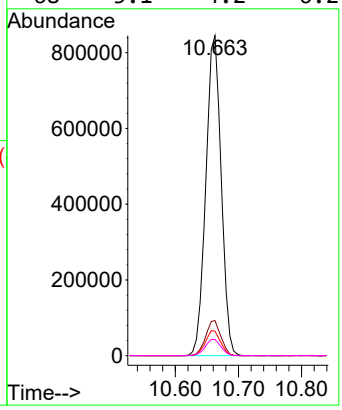


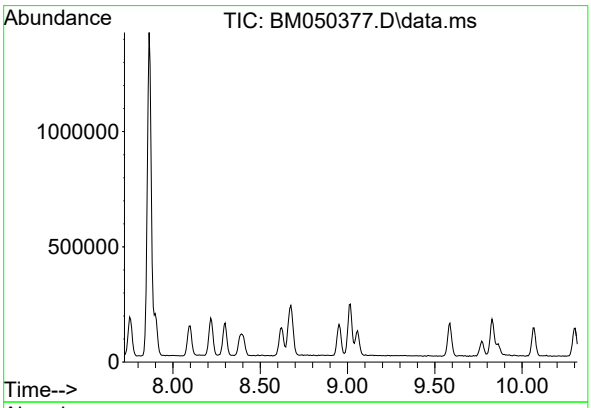
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1426576

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2



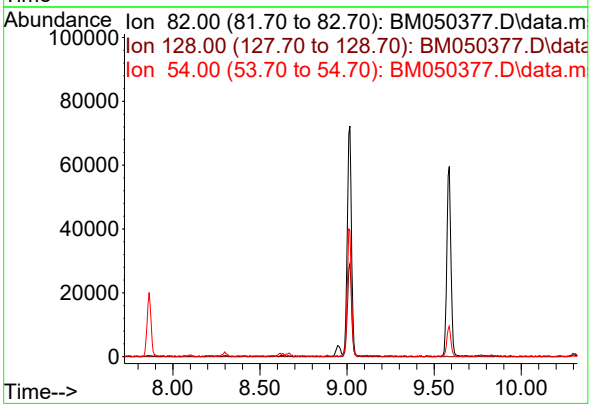


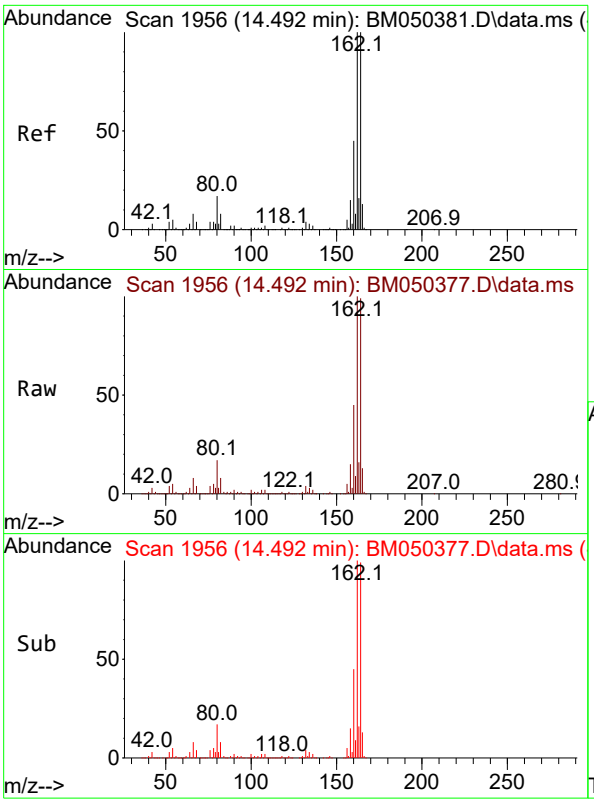
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.0
54	51.9



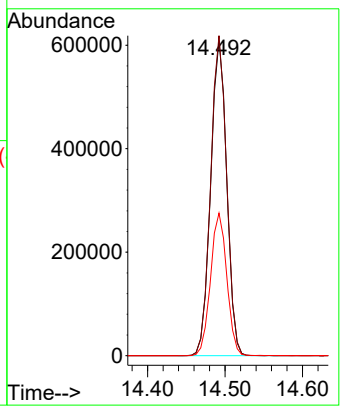


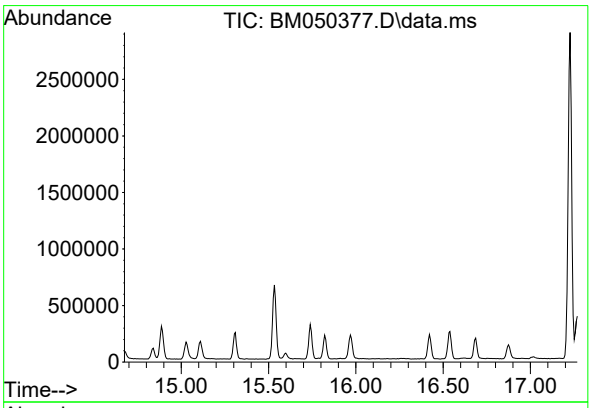
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 874661

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	45.2	36.2	54.4



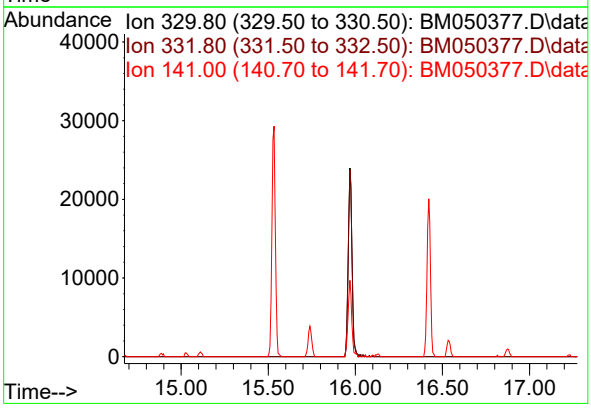


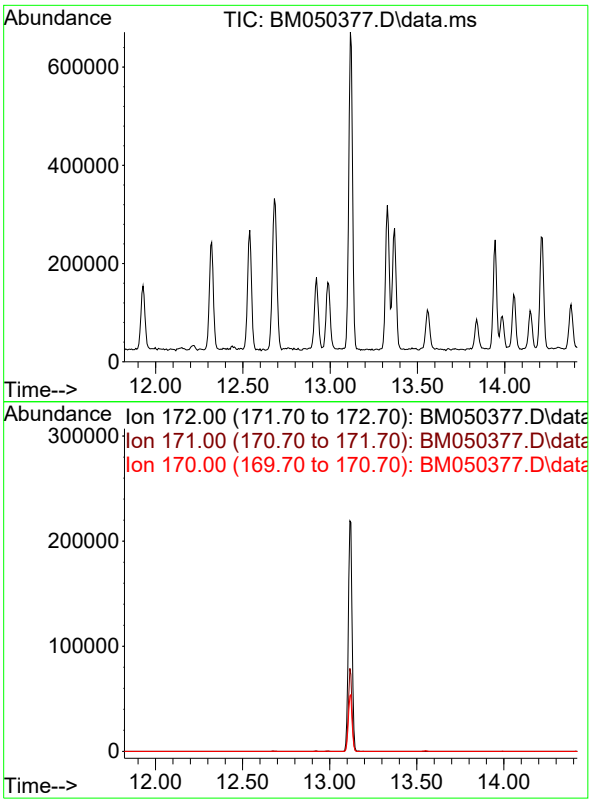
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	34.2





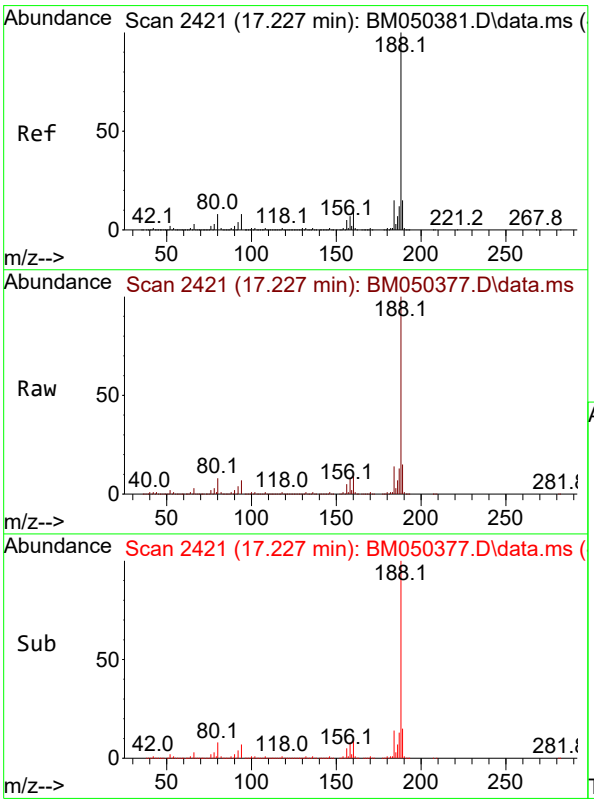
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

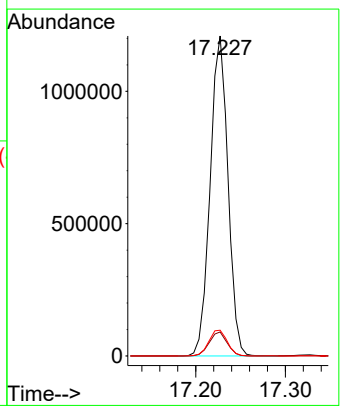
Sig	Exp Ratio
172	100
171	34.6
170	23.5

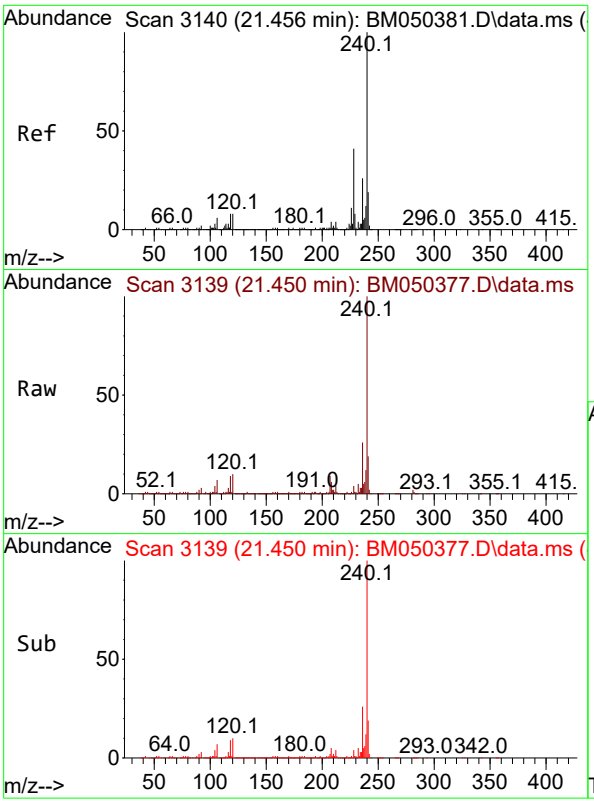


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion:188 Resp: 1666049

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.0	6.5	9.7



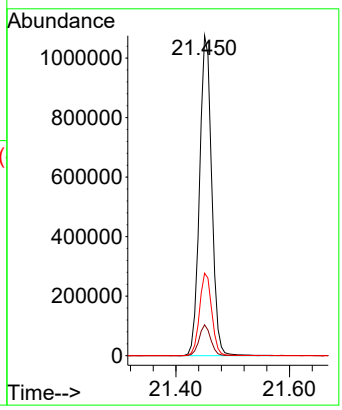


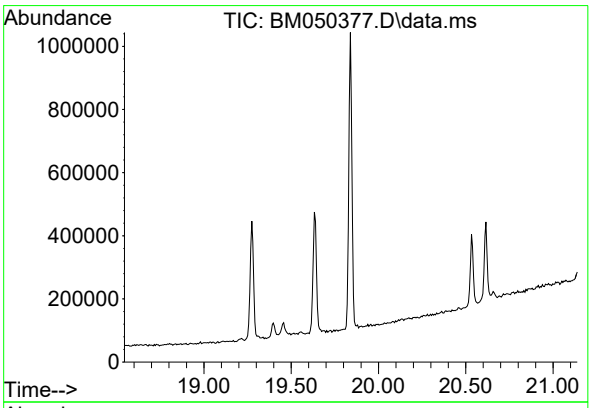
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1594000

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	25.8	20.7	31.1



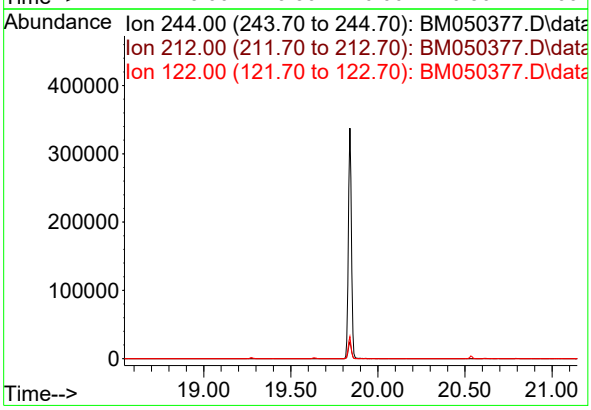


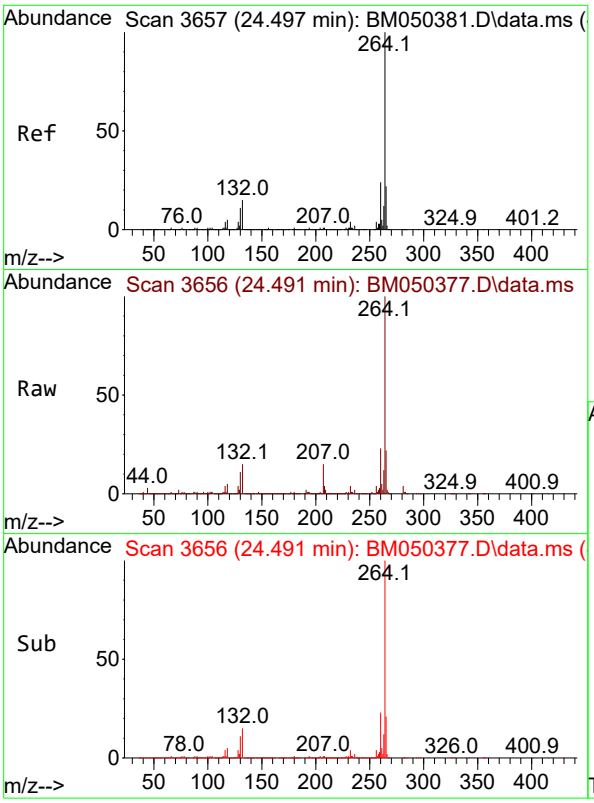
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	7.7



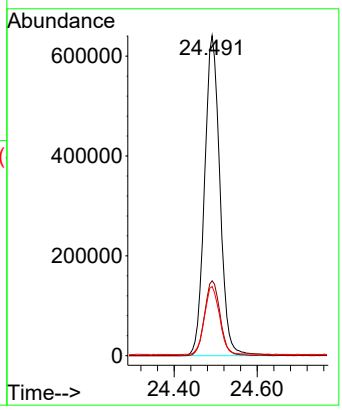


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1645810

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	332042	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1221582	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	768894	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1453955	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1431554	20.000	ng		0.00
86) Perylene-d12	24.491	264	1410719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	186878	9.688	ng		0.00
7) Phenol-d6	7.016	99	226950	9.333	ng		0.00
23) Nitrobenzene-d5	9.016	82	221107	9.234	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	69925	7.485	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	604282	9.705	ng		0.00
79) Terphenyl-d14	19.839	244	783562	9.630	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	41862	5.278	ng		99
3) Pyridine	3.734	79	103718	4.981	ng		94
6) Aniline	7.187	93	148080	4.745	ng		99
8) 2-Chlorophenol	7.428	128	94226	4.632	ng		98
10) Phenol	7.045	94	121196	4.778	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	99772	4.912	ng		97
12) 1,3-Dichlorobenzene	7.757	146	124875	5.049	ng		99
13) 1,4-Dichlorobenzene	7.898	146	128887	5.103	ng		98
14) 1,2-Dichlorobenzene	8.216	146	122972	5.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	152357	5.092	ng		99
17) 2-Methylphenol	8.298	107	76571	4.655	ng		97
18) Hexachloroethane	8.951	117	42990	4.840	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	66842	4.537	ng		96
22) Acetophenone	8.681	105	150473	4.927	ng	#	98
24) Nitrobenzene	9.057	77	101661	4.758	ng		97
25) Isophorone	9.586	82	174388	4.488	ng		99
26) 2-Nitrophenol	9.769	139	32805	3.767	ng		91
27) 2,4-Dimethylphenol	9.828	122	90013	4.858	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	124150	4.822	ng		97
29) 2,4-Dichlorophenol	10.304	162	84485	4.438	ng		97
30) 1,2,4-Trichlorobenzene	10.522	180	112916	4.958	ng		98
31) Naphthalene	10.710	128	315550	5.086	ng		99
33) 4-Chloroaniline	10.810	127	121575	4.635	ng		98
34) Hexachlorobutadiene	11.010	225	67689	4.870	ng		98
36) 4-Chloro-3-methylphenol	11.927	107	78716	4.428	ng		99
37) 2-Methylnaphthalene	12.322	142	186482	4.760	ng		98
38) 1-Methylnaphthalene	12.539	142	198866	4.796	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	113496	4.642	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	63524	4.221	ng		100
44) 2,4,5-Trichlorophenol	12.992	196	68958	4.195	ng		98
46) 1,1'-Biphenyl	13.327	154	281496	4.934	ng		99
47) 2-Chloronaphthalene	13.369	162	223672	4.918	ng		99
48) 2-Nitroaniline	13.563	65	37953	3.738	ng		97
49) Acenaphthylene	14.216	152	316292	4.601	ng		98
50) Dimethylphthalate	13.945	163	254362	4.805	ng		99
51) 2,6-Dinitrotoluene	14.057	165	37711	3.710	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	14.557	154	208840	4.779	ng		97
53)	3-Nitroaniline	14.380	138	39220	3.628	ng	#	85
55)	Dibenzofuran	14.886	168	335867	4.988	ng		99
57)	2,4-Dinitrotoluene	14.839	165	44983	5.513	ng	#	87
58)	Fluorene	15.533	166	259083	4.671	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.110	232	57532	4.158	ng		95
60)	Diethylphthalate	15.310	149	233863	4.625	ng		98
61)	4-Chlorophenyl-phenyle...	15.533	204	132153	4.557	ng		94
62)	4-Nitroaniline	15.533	138	36922	5.398	ng		80
63)	Azobenzene	15.821	77	208493	4.490	ng		96
66)	n-Nitrosodiphenylamine	15.739	169	207747	4.566	ng		98
67)	4-Bromophenyl-phenylether	16.421	248	71279	4.450	ng		92
68)	Hexachlorobenzene	16.539	284	86781	4.587	ng		99
69)	Atrazine	16.686	200	60444	4.046	ng		97
71)	Phenanthrene	17.268	178	406647	4.943	ng		99
72)	Anthracene	17.357	178	373674	4.563	ng		99
73)	Carbazole	17.621	167	341196	4.605	ng		99
74)	Di-n-butylphthalate	18.198	149	346654	4.274	ng		99
75)	Fluoranthene	19.274	202	395390	4.421	ng		98
78)	Pyrene	19.633	202	428758	4.676	ng		100
80)	Butylbenzylphthalate	20.533	149	113580	3.757	ng		94
81)	Benzo(a)anthracene	21.433	228	430980	4.620	ng		100
83)	Chrysene	21.497	228	415885	4.727	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.368	149	178701	3.724	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.921	276	426152	4.249	ng		95
88)	Benzo(b)fluoranthene	23.527	252	384470	4.431	ng		98
89)	Benzo(k)fluoranthene	23.591	252	389878	4.330	ng	#	97
90)	Benzo(a)pyrene	24.344	252	339308	4.177	ng		97
91)	Dibenzo(a,h)anthracene	27.991	278	360576	4.269	ng		98
92)	Benzo(g,h,i)perylene	28.985	276	349804	4.382	ng		97

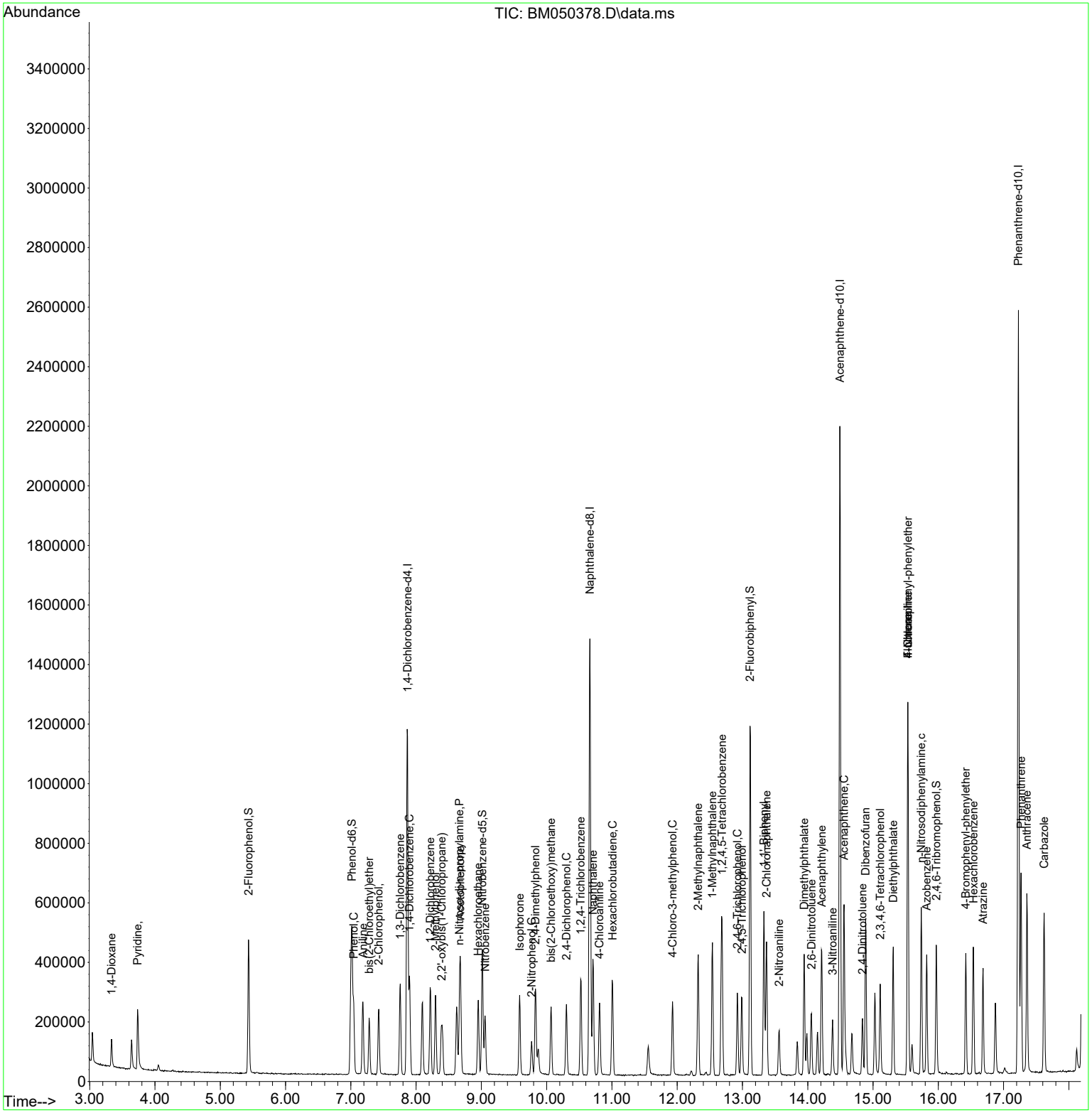
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

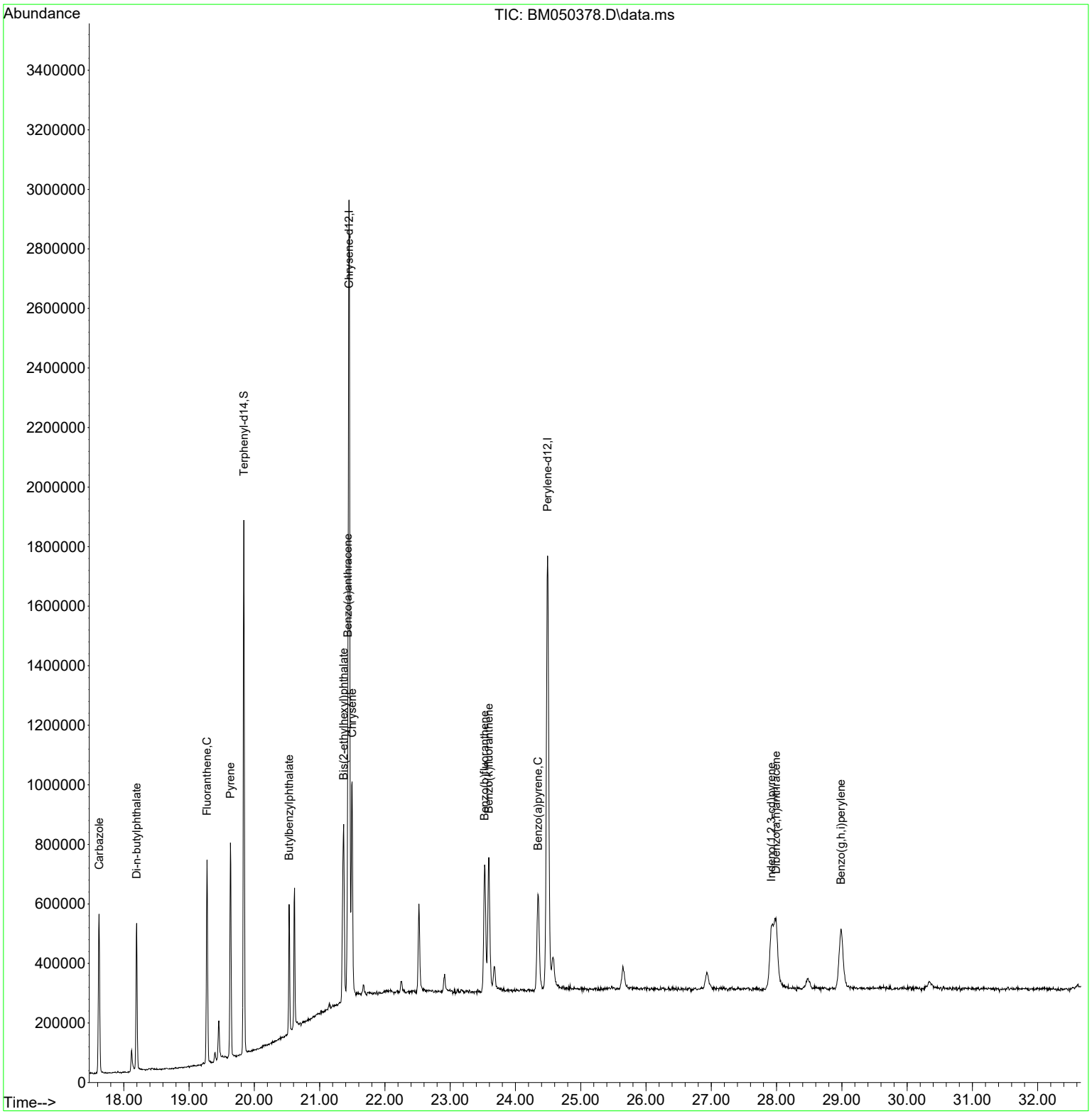
Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

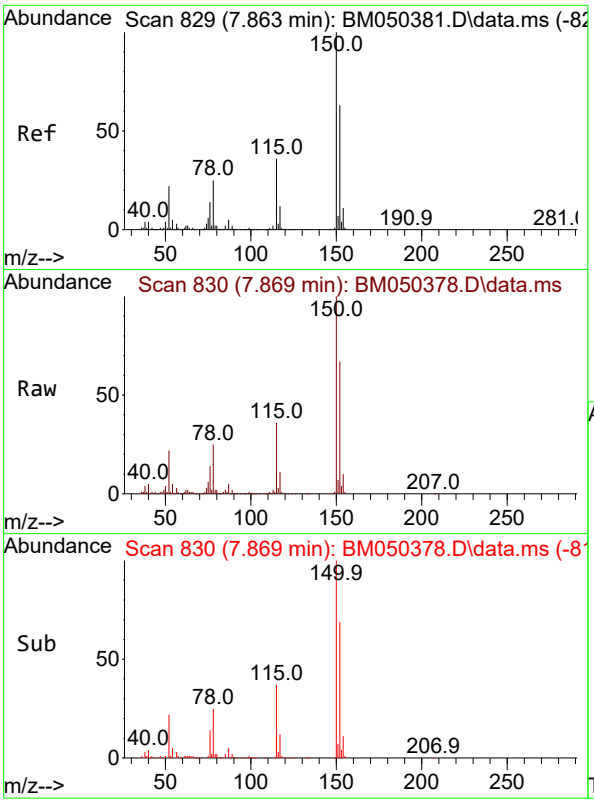


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



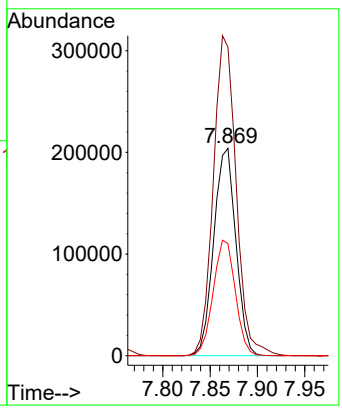


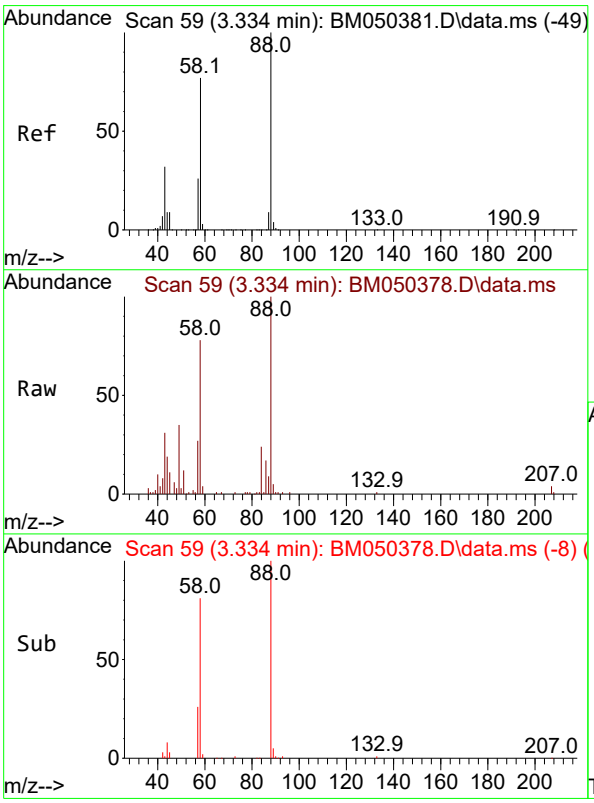
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 332042

Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.2	189.4
115	54.1	45.8	68.8

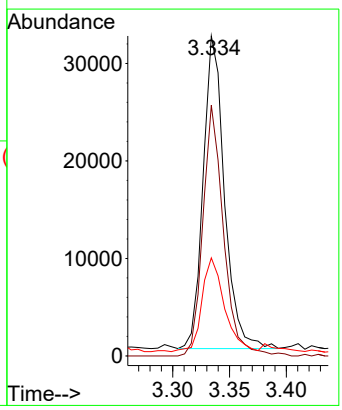


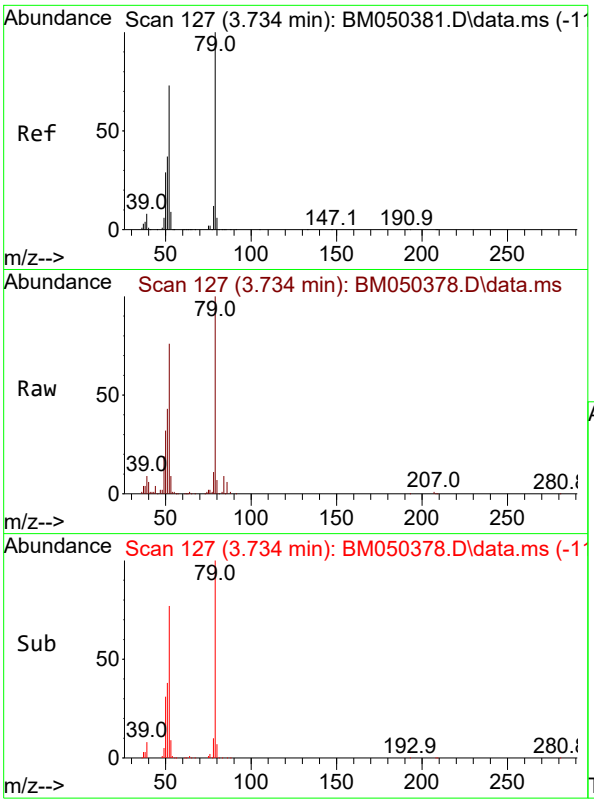


#2
1,4-Dioxane
Concen: 5.278 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 88 Resp: 41862

Ion	Ratio	Lower	Upper
88	100		
58	77.6	61.0	91.6
43	31.5	24.6	37.0



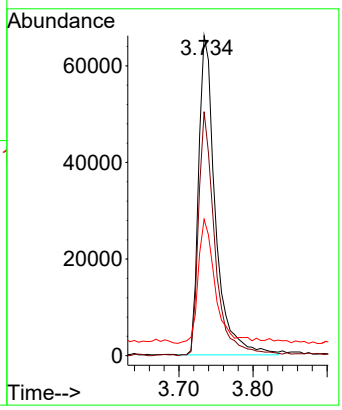


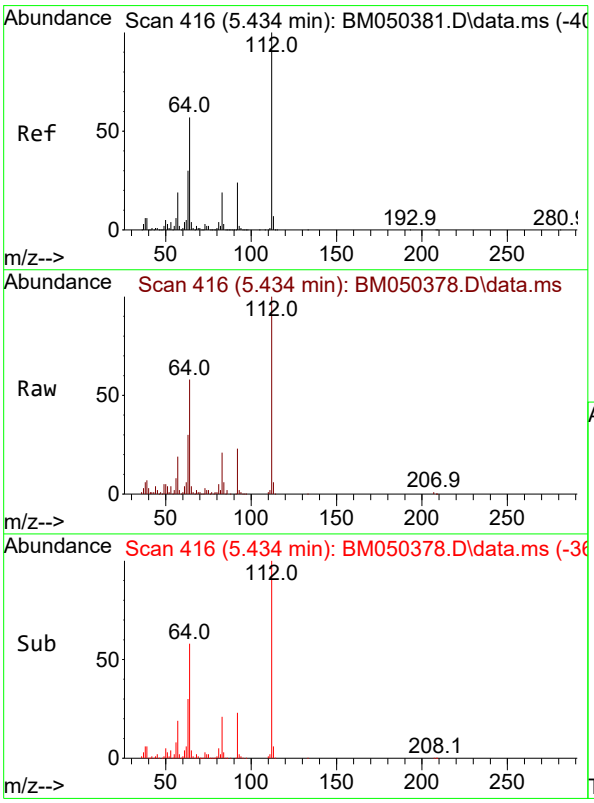
#3
Pyridine
Concen: 4.981 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 103718

Ion	Ratio	Lower	Upper
79	100		
52	76.3	58.3	87.5
51	42.6	29.6	44.4

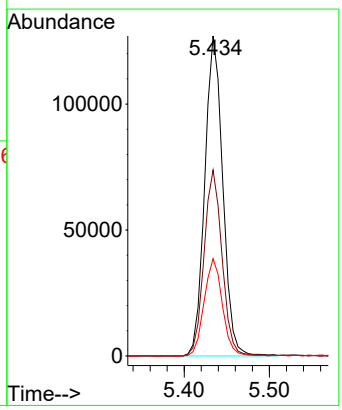


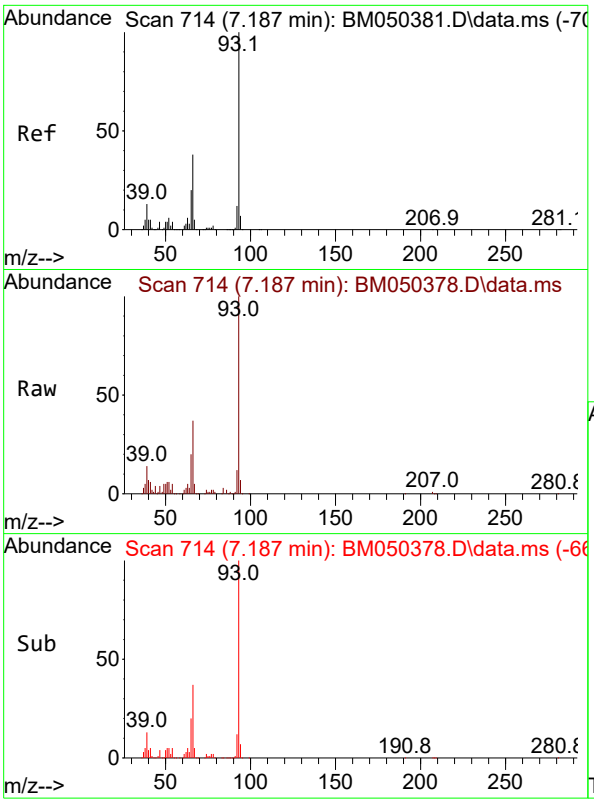


#5
2-Fluorophenol
Concen: 9.688 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:112 Resp: 186878

Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.5	68.3
63	30.4	24.2	36.4



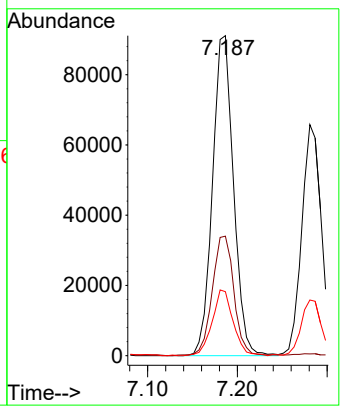


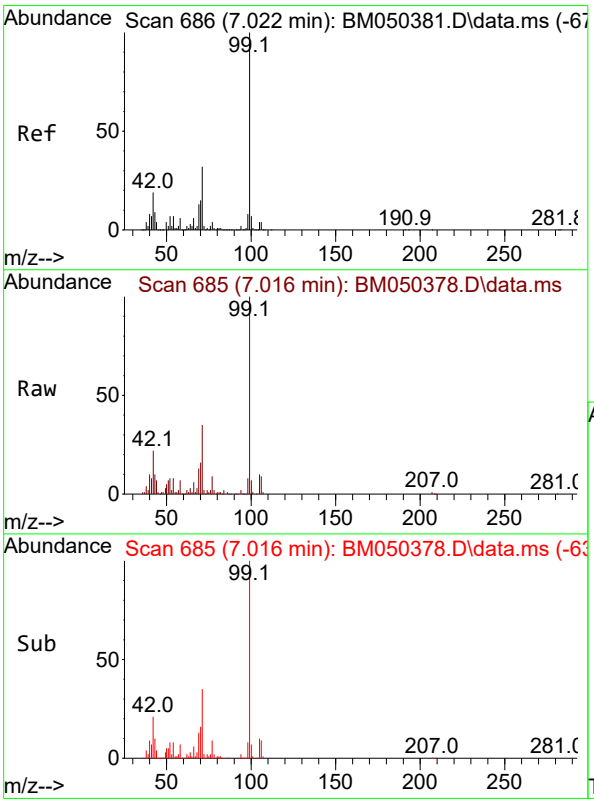
#6
Aniline
Concen: 4.745 ng
RT: 7.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 148080

Ion	Ratio	Lower	Upper
93	100		
66	37.4	30.5	45.7
65	20.0	15.9	23.9

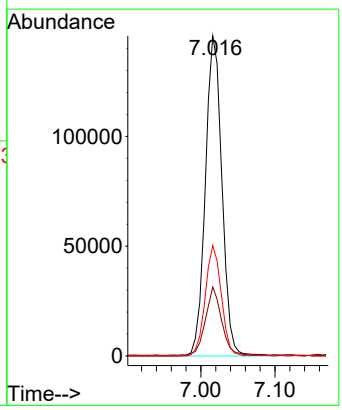


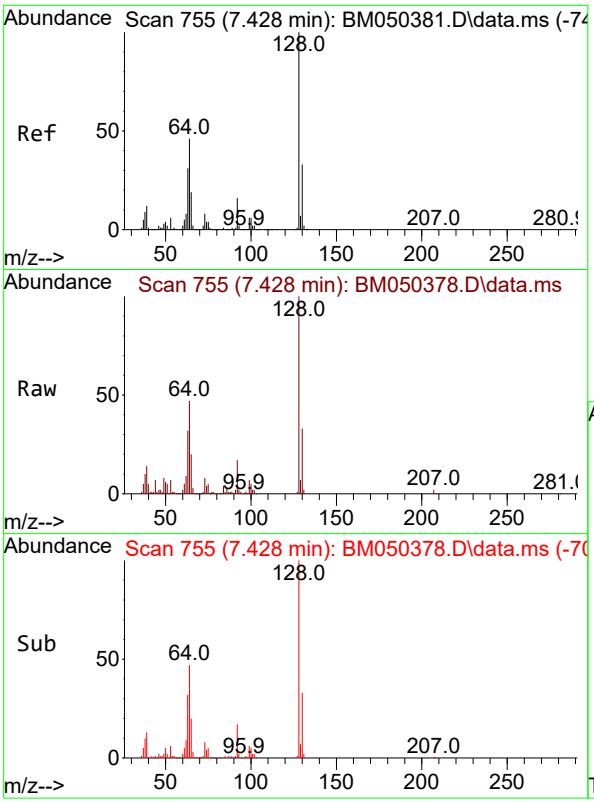


#7
Phenol-d6
Concen: 9.333 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 99 Resp: 226950

Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.0	22.6
71	34.5	25.9	38.9



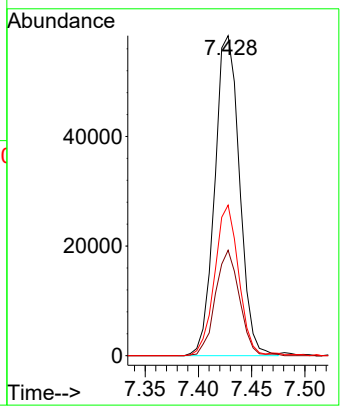


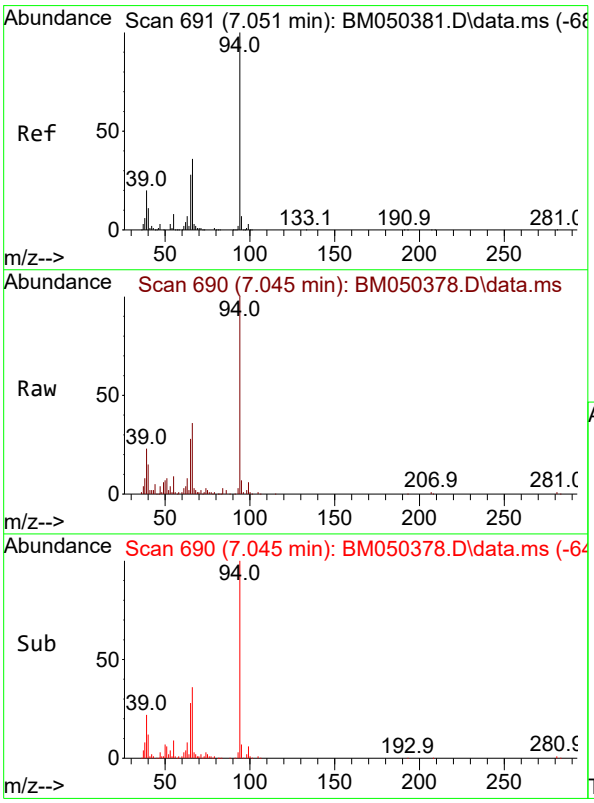
#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 94226

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.3	53.3
64	47.1	25.6	65.6

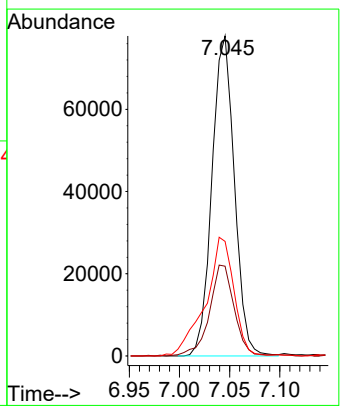


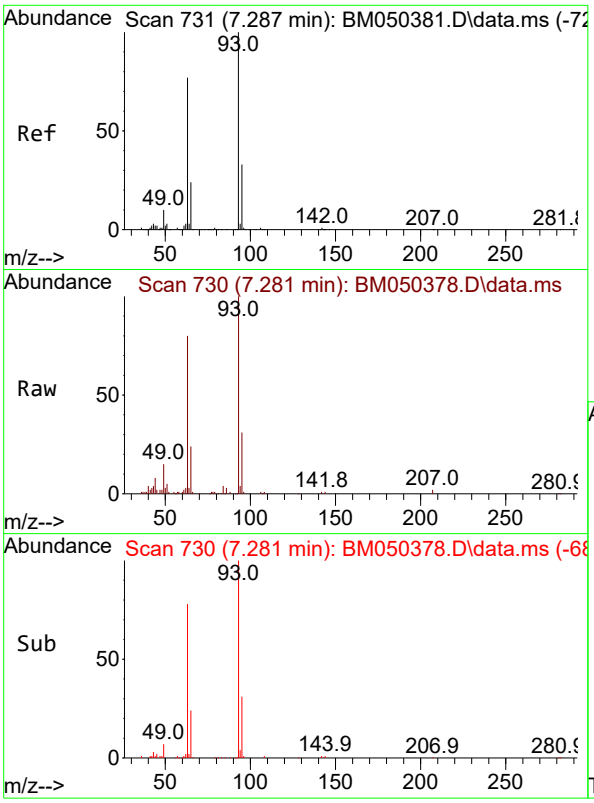


#10
Phenol
Concen: 4.778 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 94 Resp: 121196

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	35.8	15.8	55.8



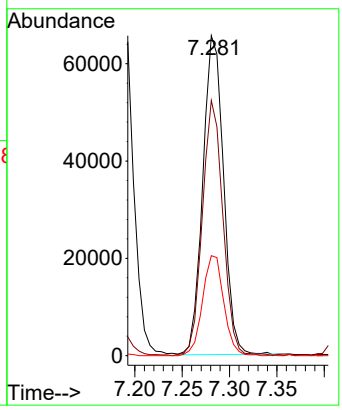


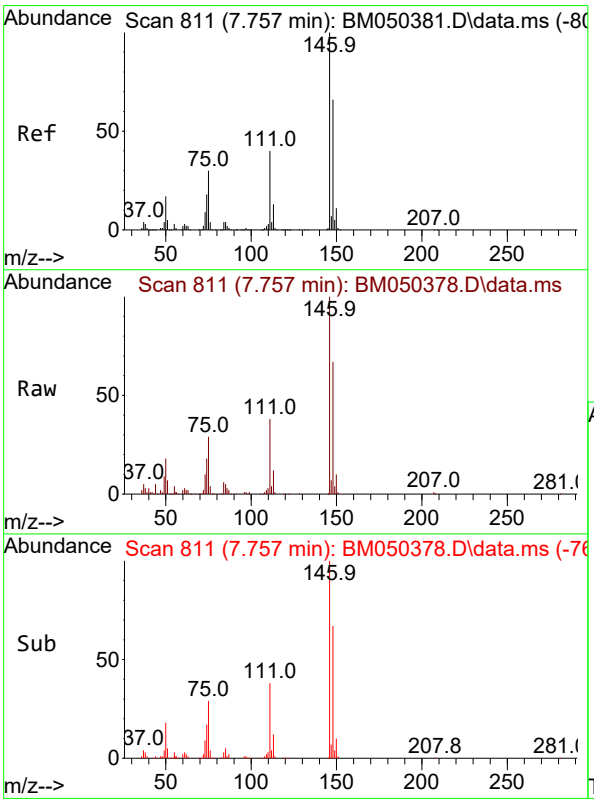
#11
bis(2-Chloroethyl)ether
Concen: 4.912 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 99772

Ion	Ratio	Lower	Upper
93	100		
63	79.7	56.9	96.9
95	31.2	12.6	52.6

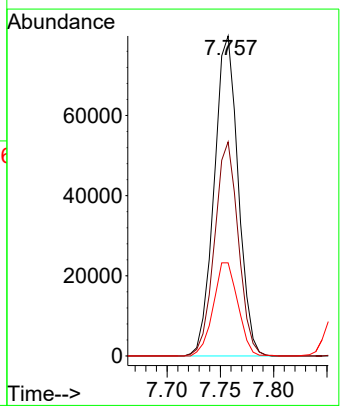


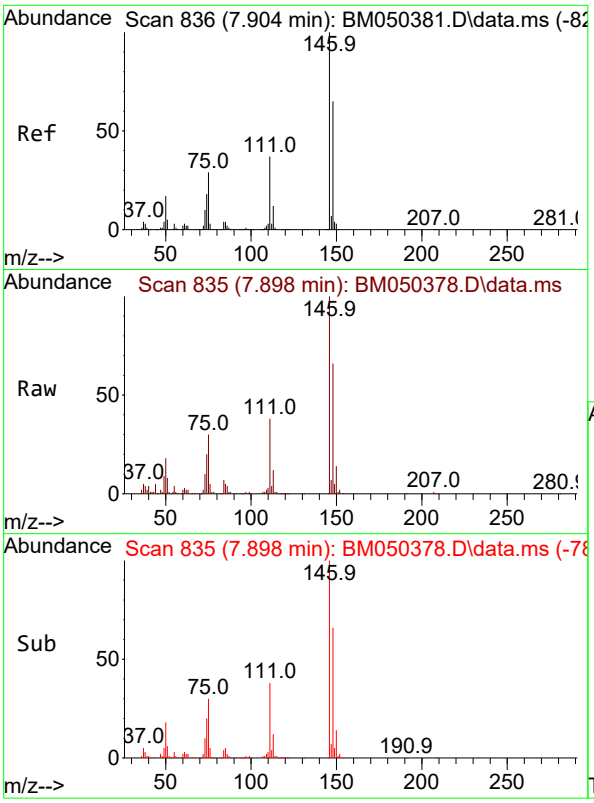


#12
1,3-Dichlorobenzene
Concen: 5.049 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 124875

Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.2	79.8
75	29.1	23.9	35.9



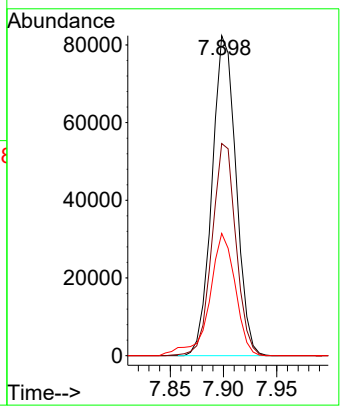


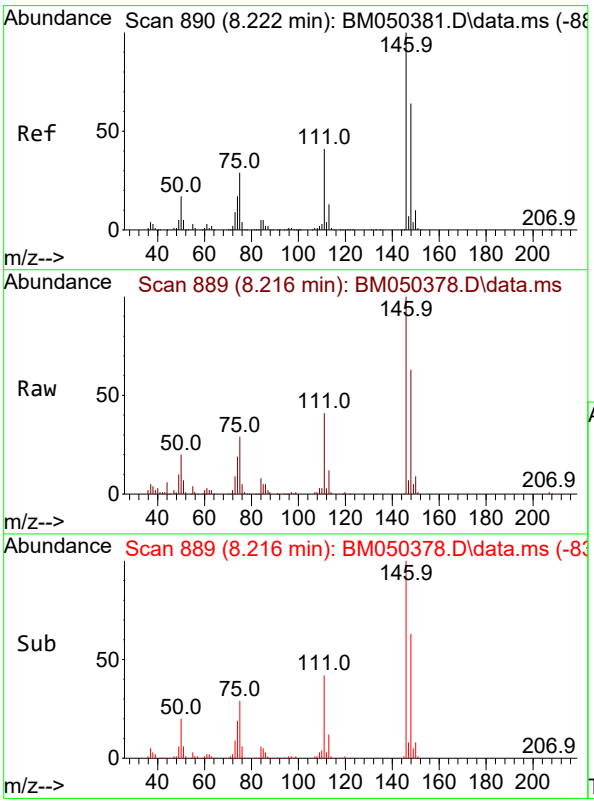
#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 128887

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	38.2	30.0	45.0

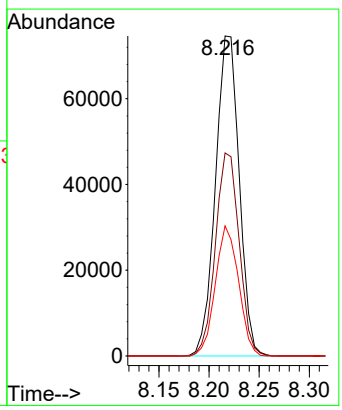


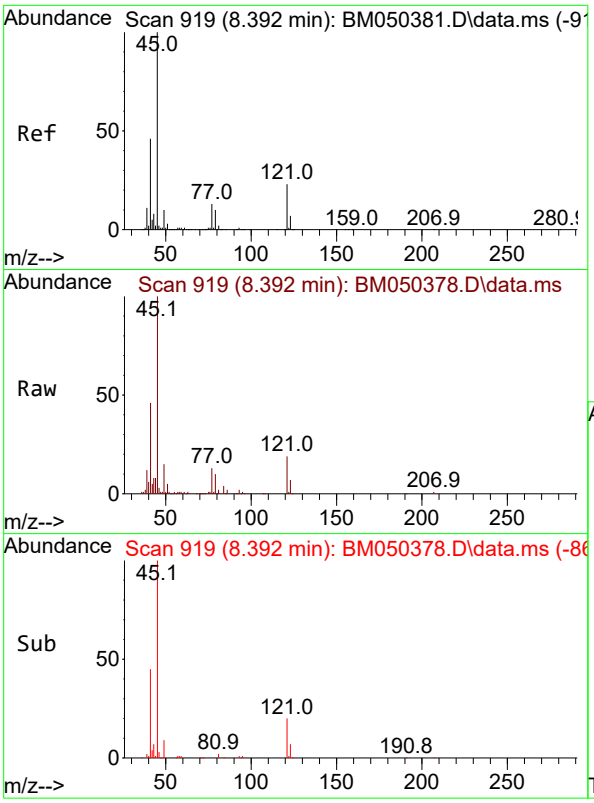


#14
1,2-Dichlorobenzene
Concen: 5.086 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 122972

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	40.7	32.6	49.0



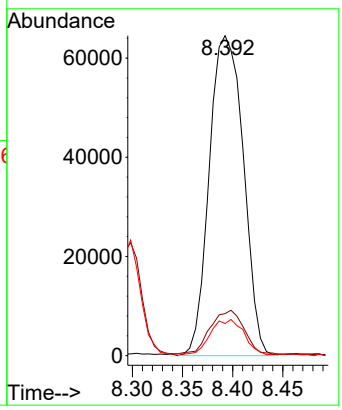


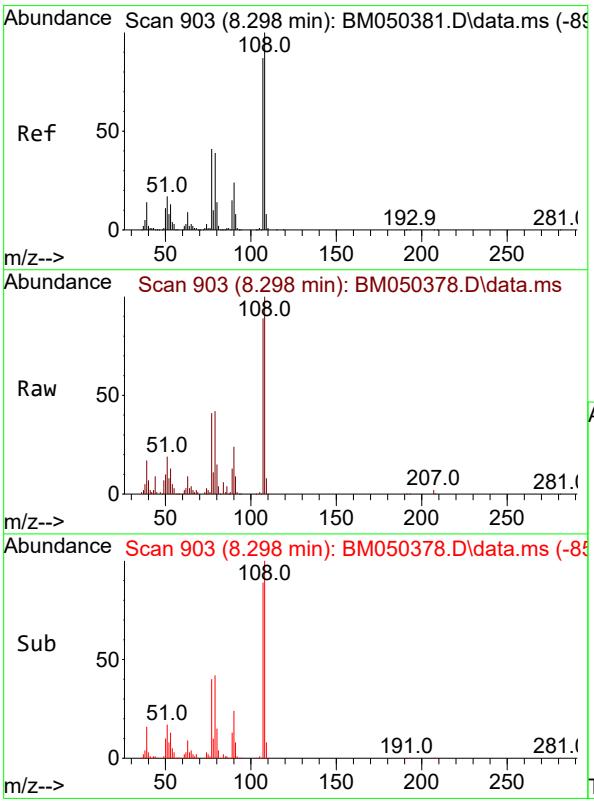
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.092 ng
RT: 8.392 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 152357

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.5
79	10.1	0.0	30.3

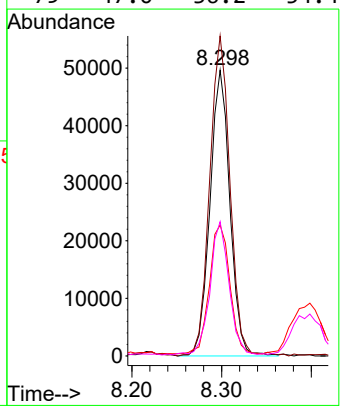


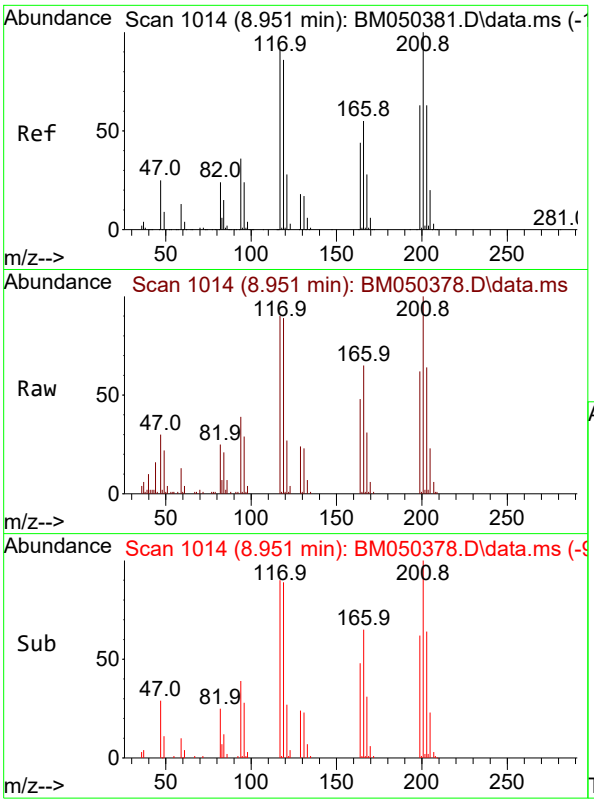


#17
2-Methylphenol
Concen: 4.655 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 76571

Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.1	138.1
77	45.8	38.2	57.4
79	47.0	36.2	54.4



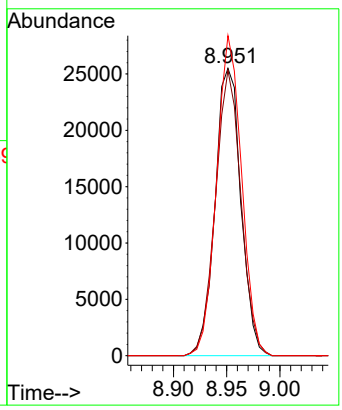


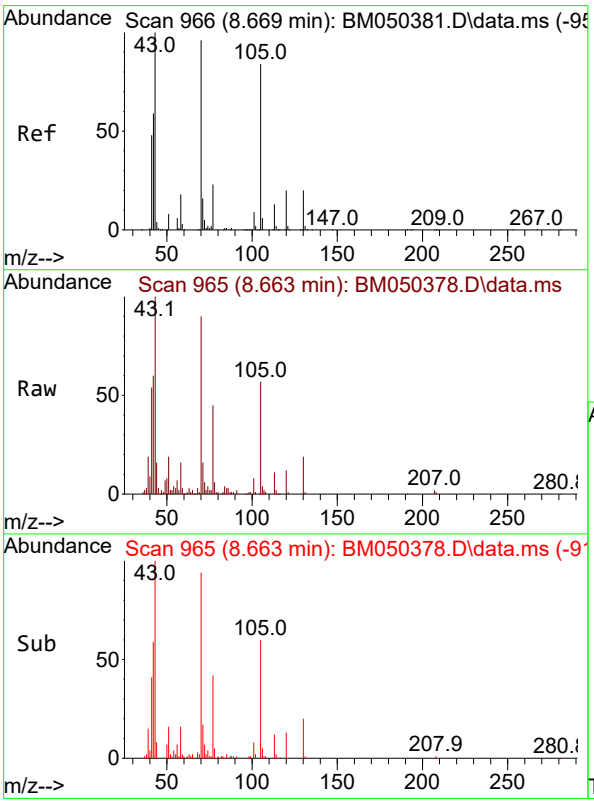
#18
Hexachloroethane
Concen: 4.840 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42990

Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.6	113.4
201	111.4	87.9	131.9

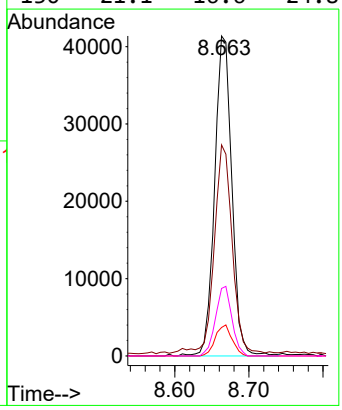


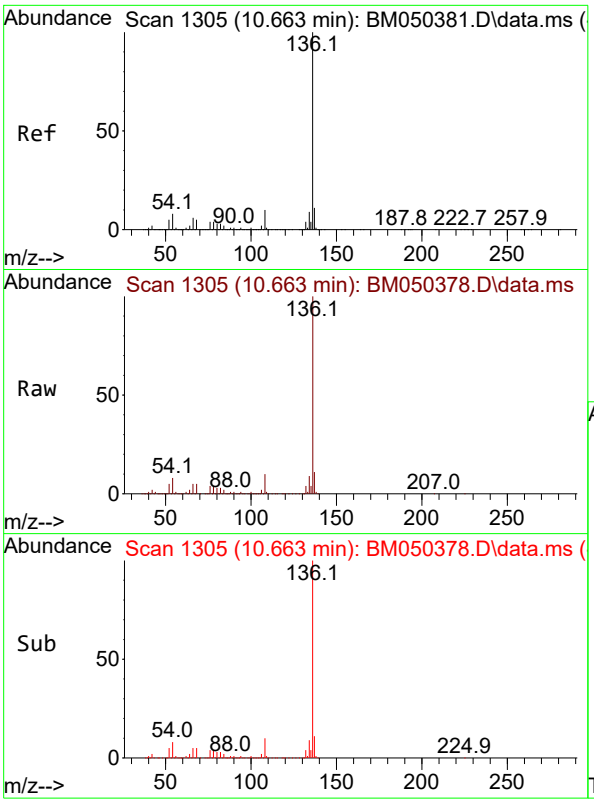


#19
n-Nitroso-di-n-propylamine
Concen: 4.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 70 Resp: 66842

Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.7	74.5
101	8.9	7.7	11.5
130	21.1	16.6	24.8



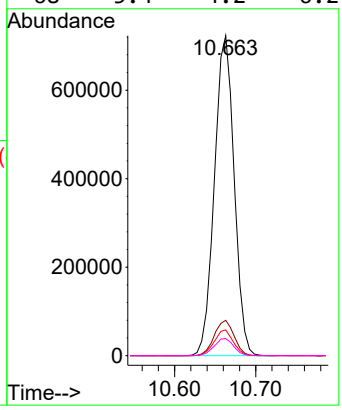


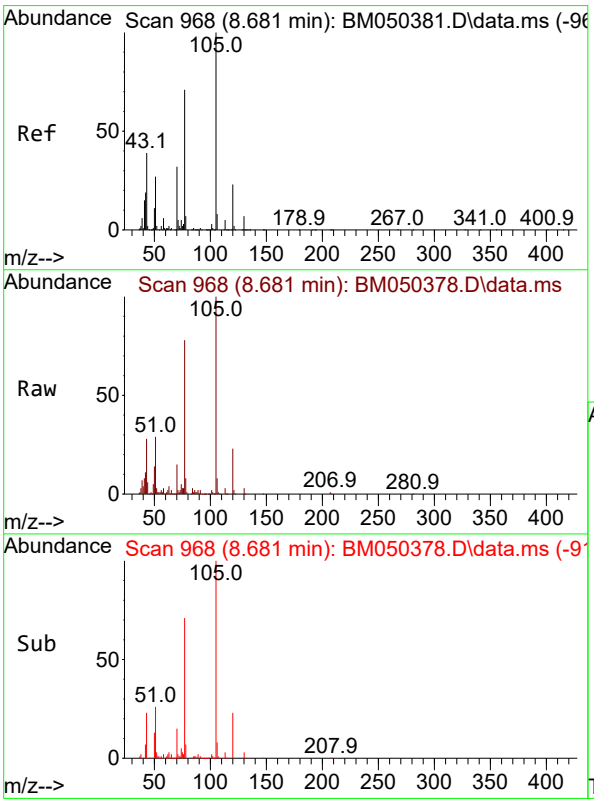
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1221582

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.3	9.5
68	5.4	4.2	6.2

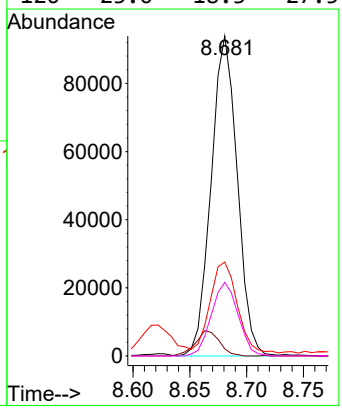


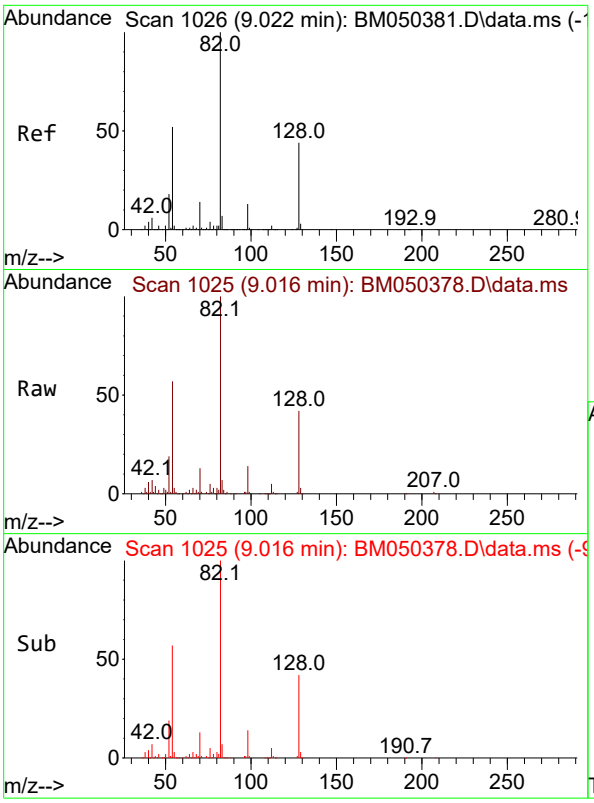


#22
Acetophenone
Concen: 4.927 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:105 Resp: 150473

Ion	Ratio	Lower	Upper
105	100		
71	2.2	4.4	6.6#
51	29.3	23.0	34.6
120	23.0	18.3	27.5



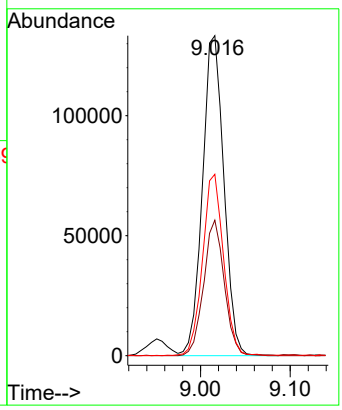


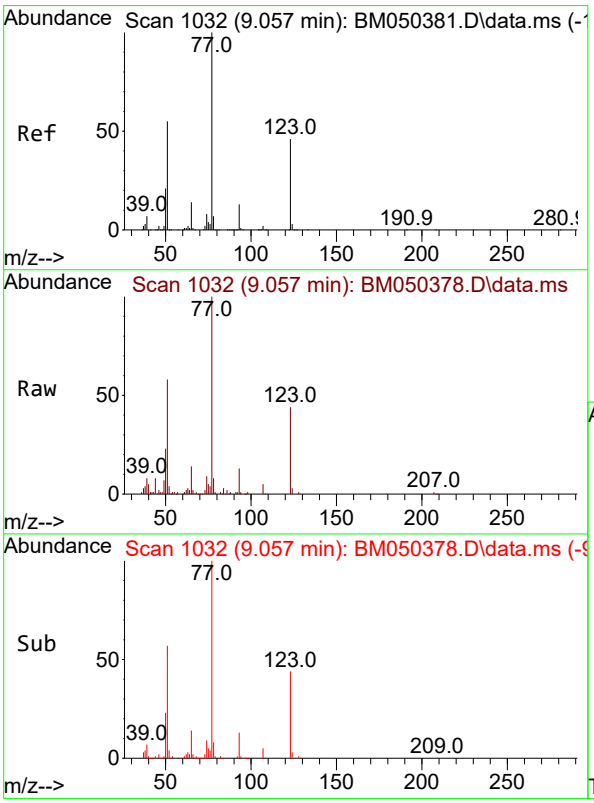
#23
Nitrobenzene-d5
Concen: 9.234 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 221107

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.2	52.8
54	56.7	41.5	62.3

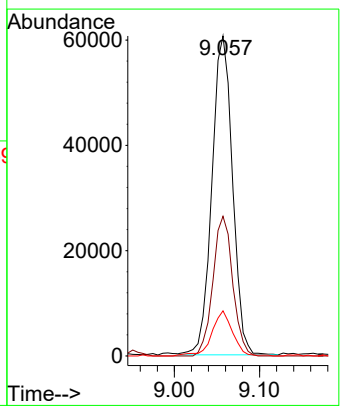


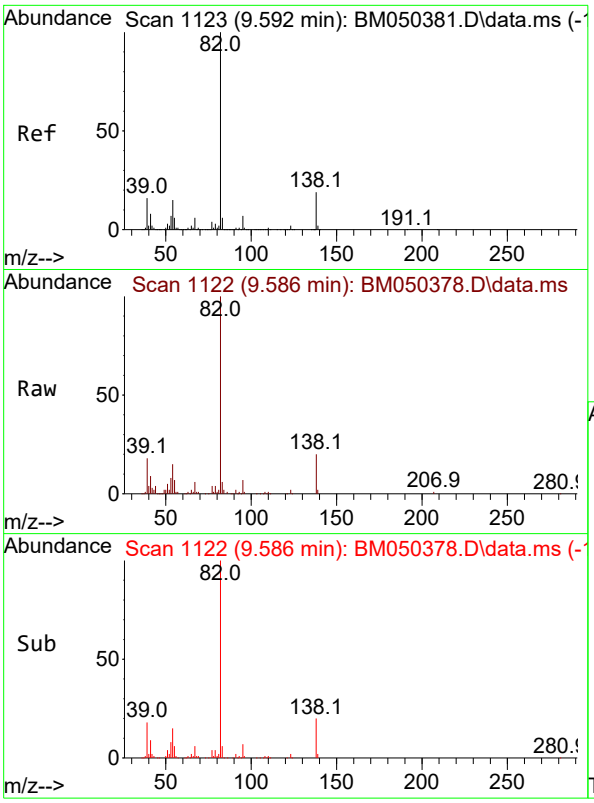


#24
Nitrobenzene
Concen: 4.758 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 101661

Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.0	55.6
65	14.1	11.0	16.4



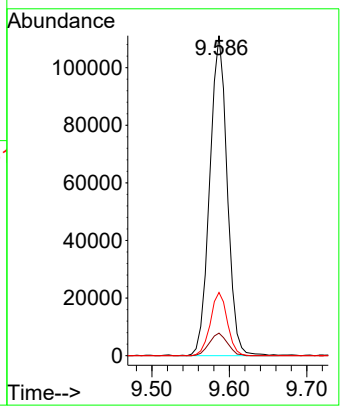


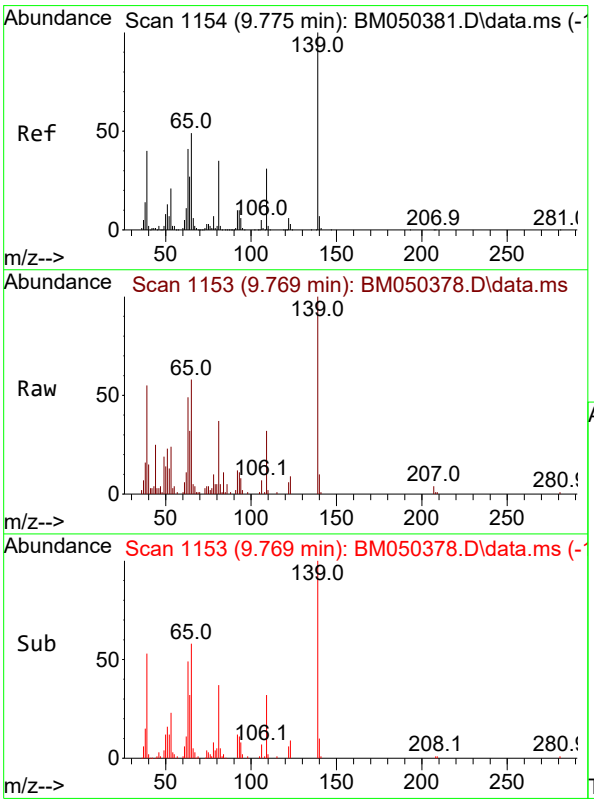
#25
Isophorone
Concen: 4.488 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 174388

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.7	15.3	22.9

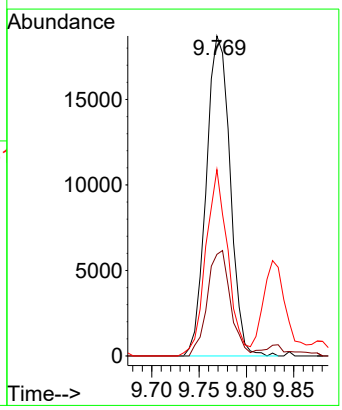


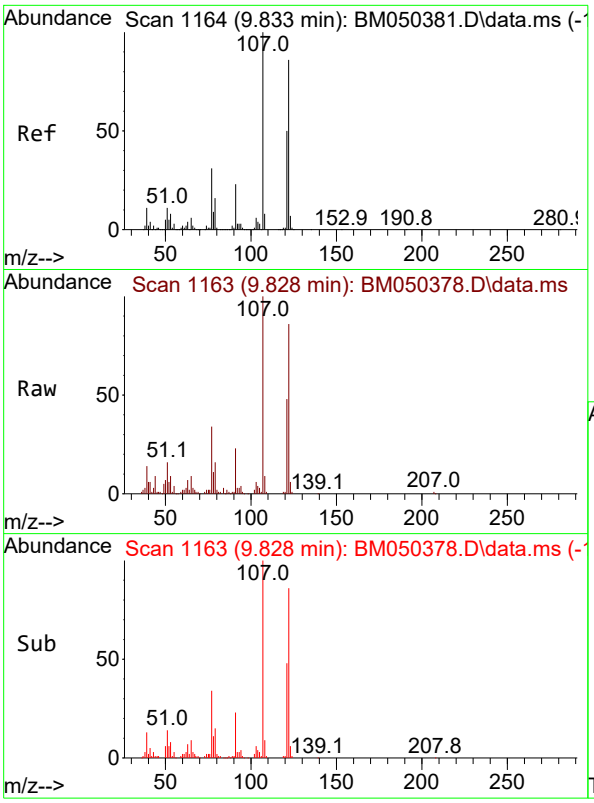


#26
2-Nitrophenol
Concen: 3.767 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:139 Resp: 32805

Ion	Ratio	Lower	Upper
139	100		
109	31.8	24.6	36.8
65	58.3	39.2	58.8



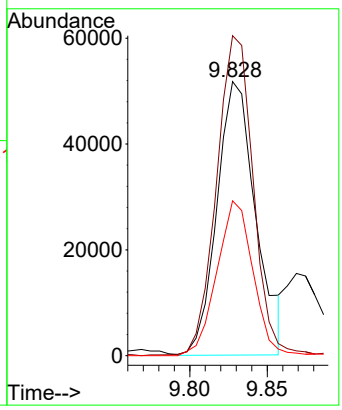


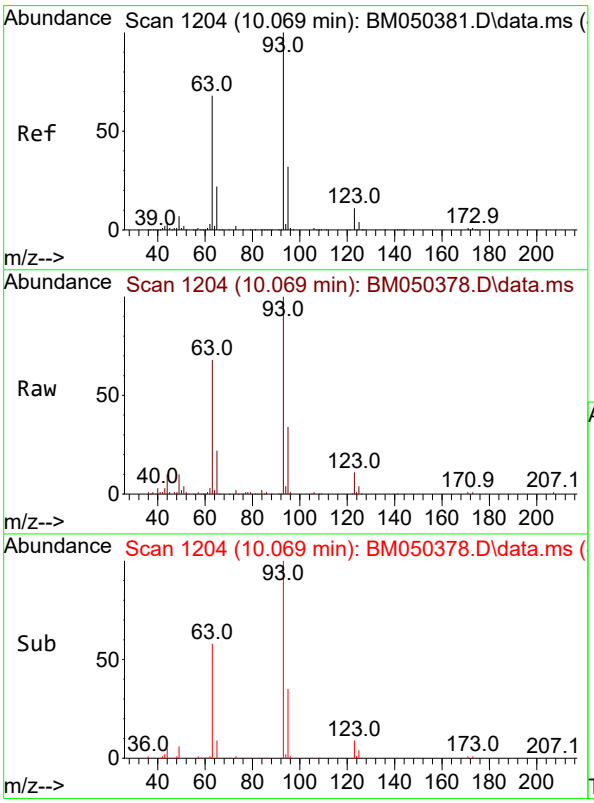
#27
2,4-Dimethylphenol
Concen: 4.858 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 90013

Ion	Ratio	Lower	Upper
122	100		
107	116.8	93.0	139.6
121	56.5	46.1	69.1

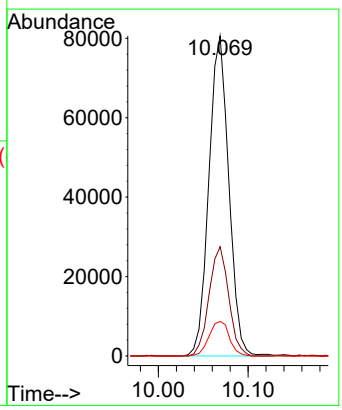


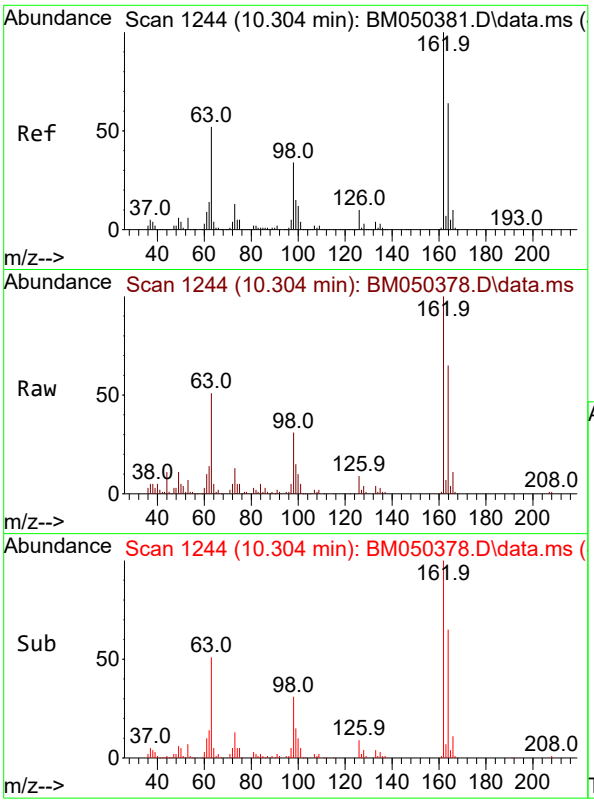


#28
bis(2-Chloroethoxy)methane
Concen: 4.822 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 93 Resp: 124150

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.8	38.6
123	10.8	9.1	13.7



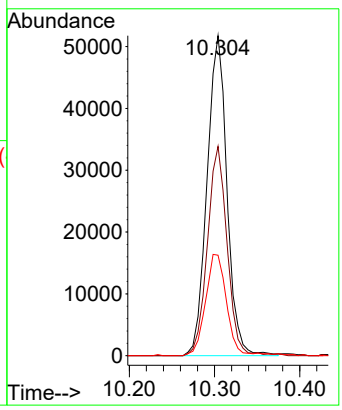


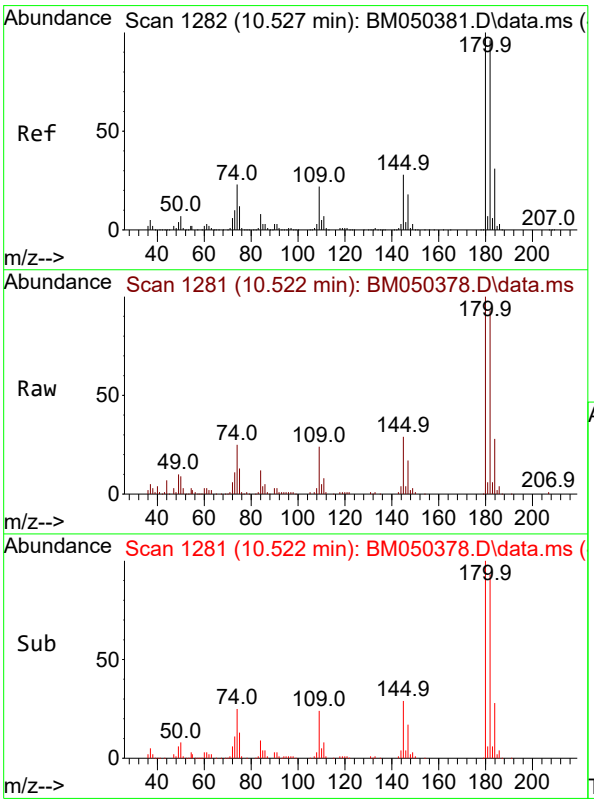
#29
2,4-Dichlorophenol
Concen: 4.438 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 84485

Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.7	83.7
98	31.4	13.7	53.7

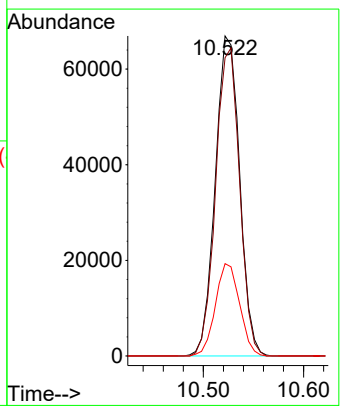


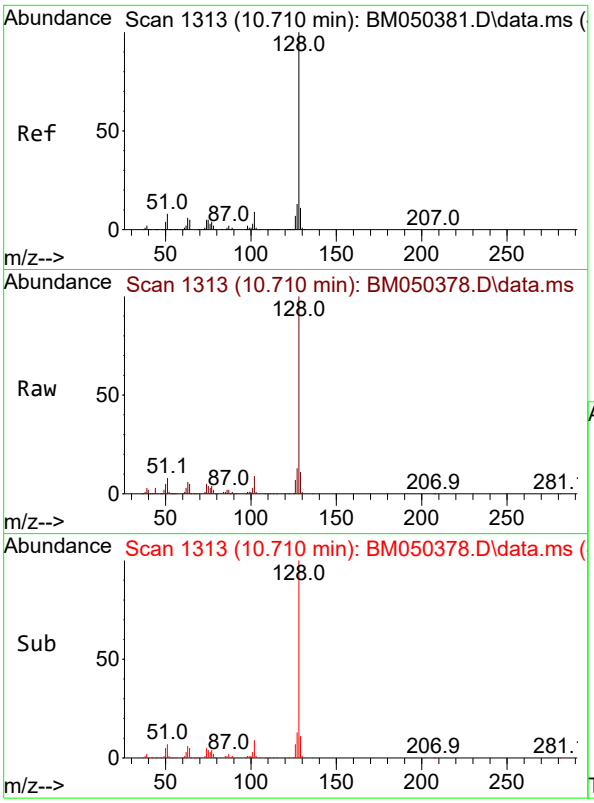


#30
1,2,4-Trichlorobenzene
Concen: 4.958 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:180 Resp: 112916

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	28.8	22.6	33.8



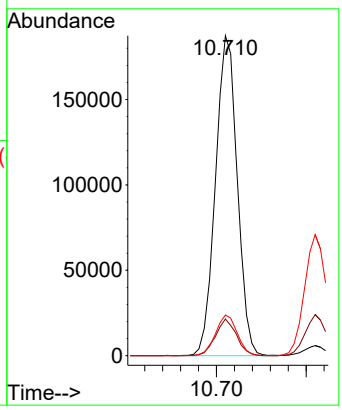


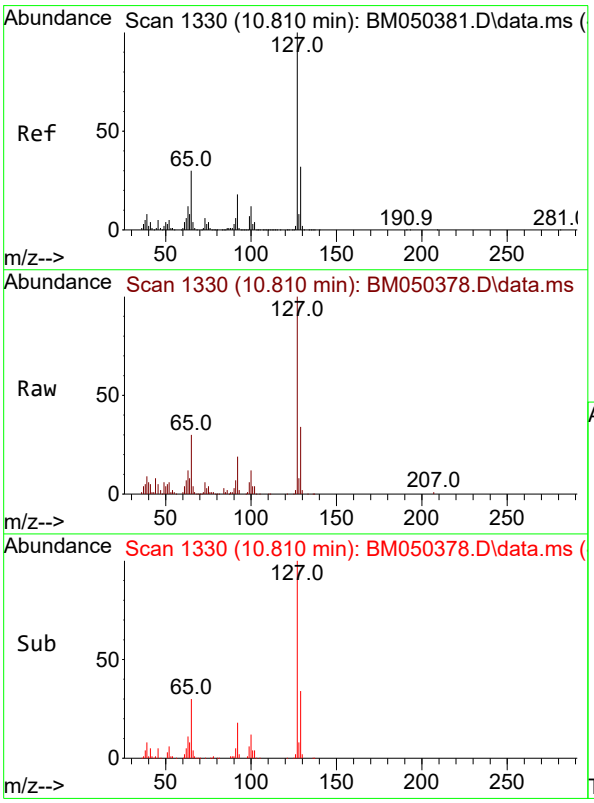
#31
Naphthalene
Concen: 5.086 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 315550

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.7	10.4	15.6

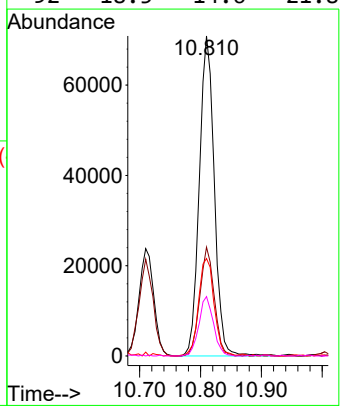


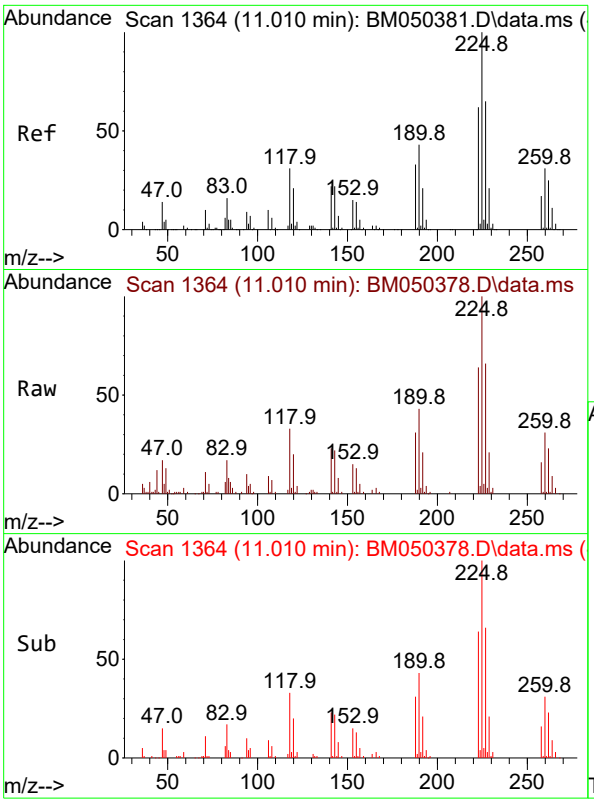


#33
4-Chloroaniline
Concen: 4.635 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:127 Resp: 121575

Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.5	38.3
65	30.4	23.9	35.9
92	18.5	14.6	21.8



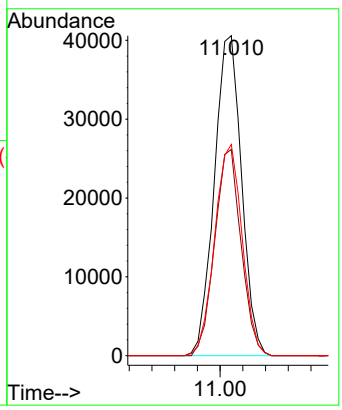


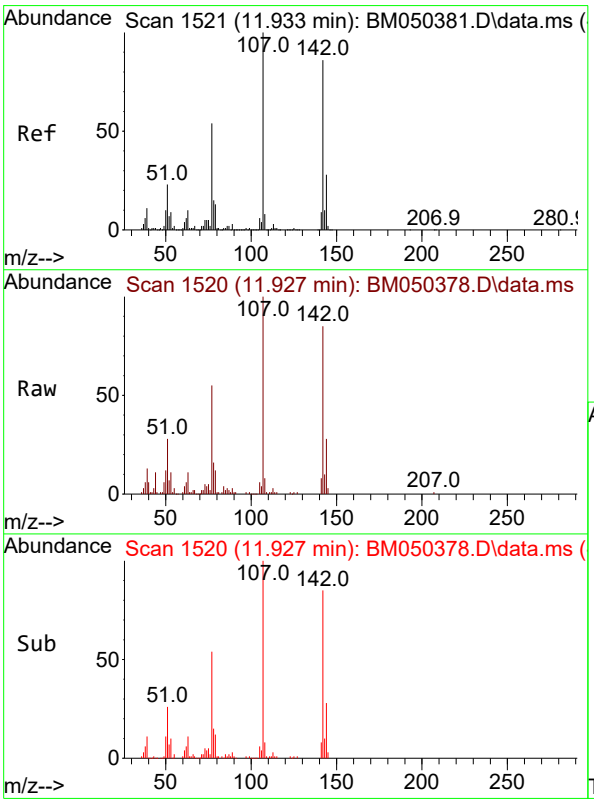
#34
Hexachlorobutadiene
Concen: 4.870 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67689

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	66.0	52.1	78.1

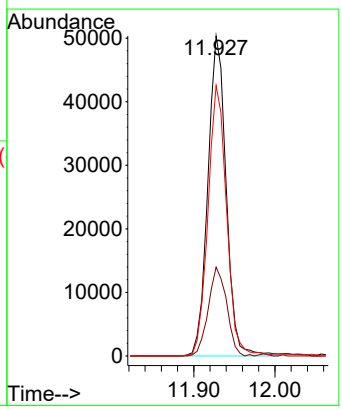


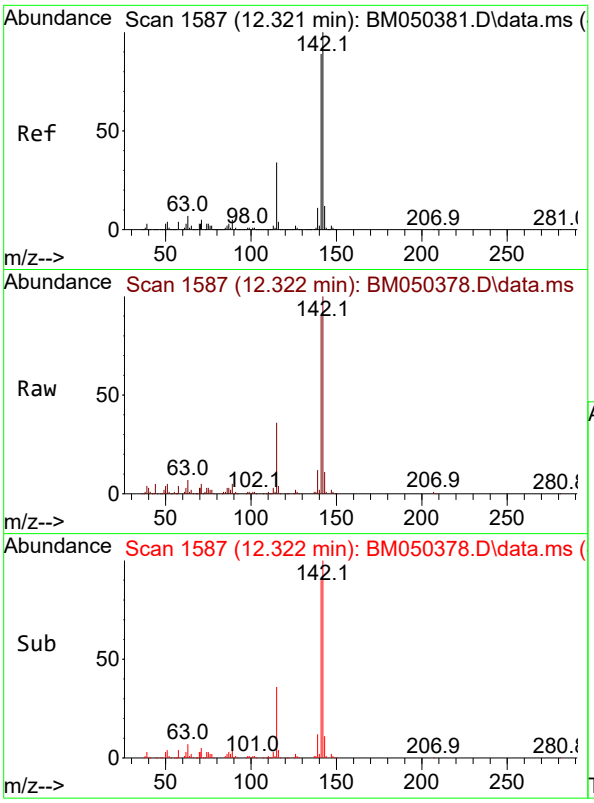


#36
4-Chloro-3-methylphenol
Concen: 4.428 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 78716

Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	84.5	68.7	103.1



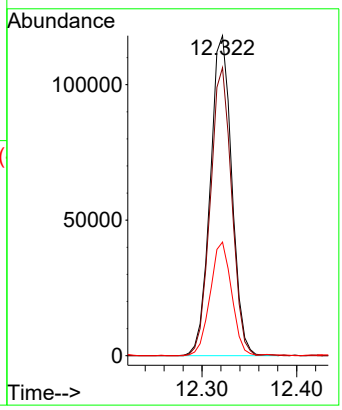


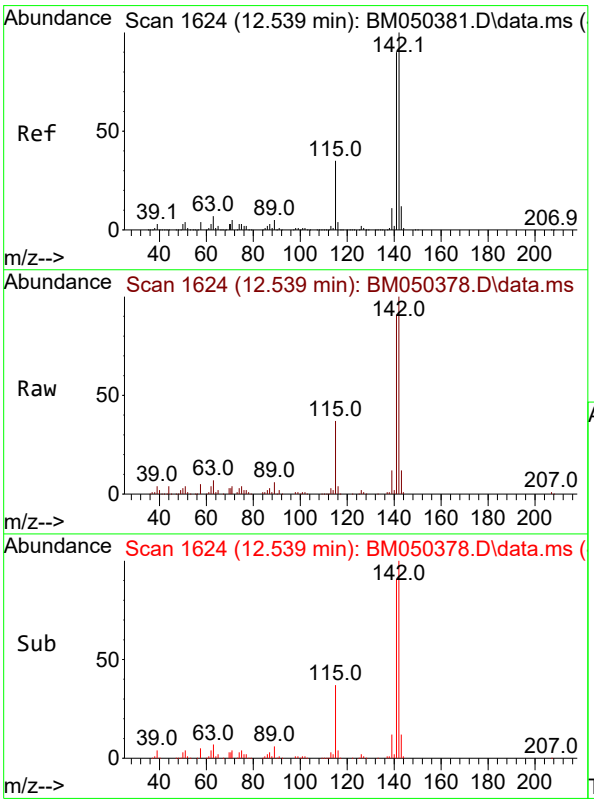
#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 186482

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.5	27.0	40.4

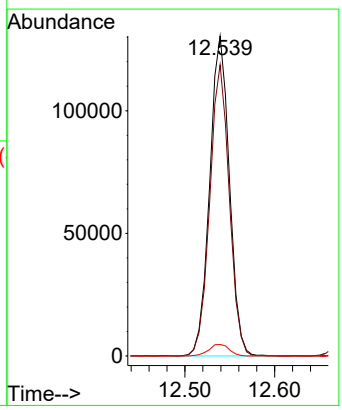


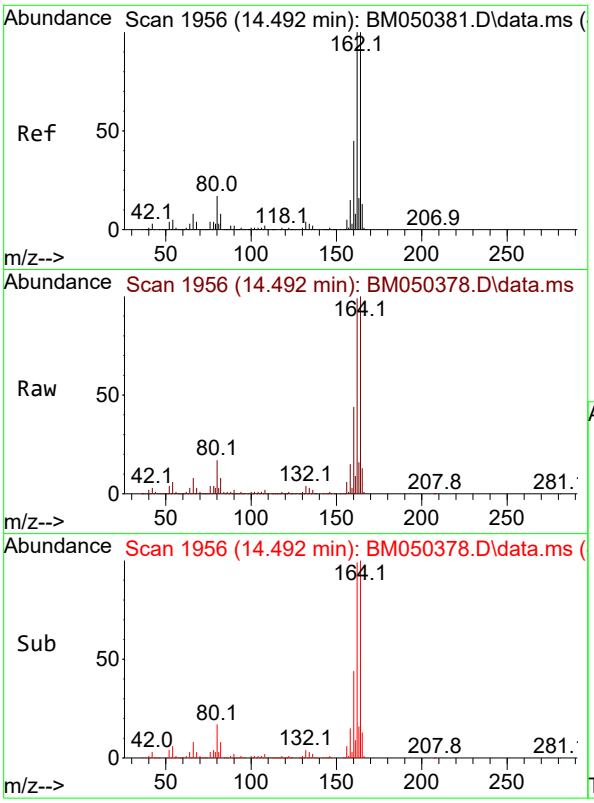


#38
1-Methylnaphthalene
Concen: 4.796 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:142 Resp: 198866

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	3.6	3.0	4.6



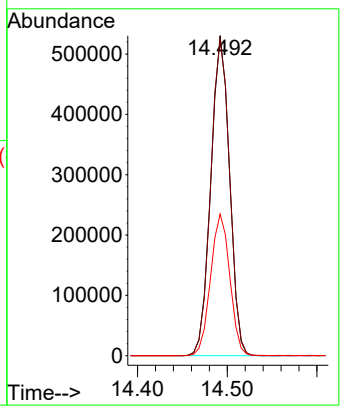


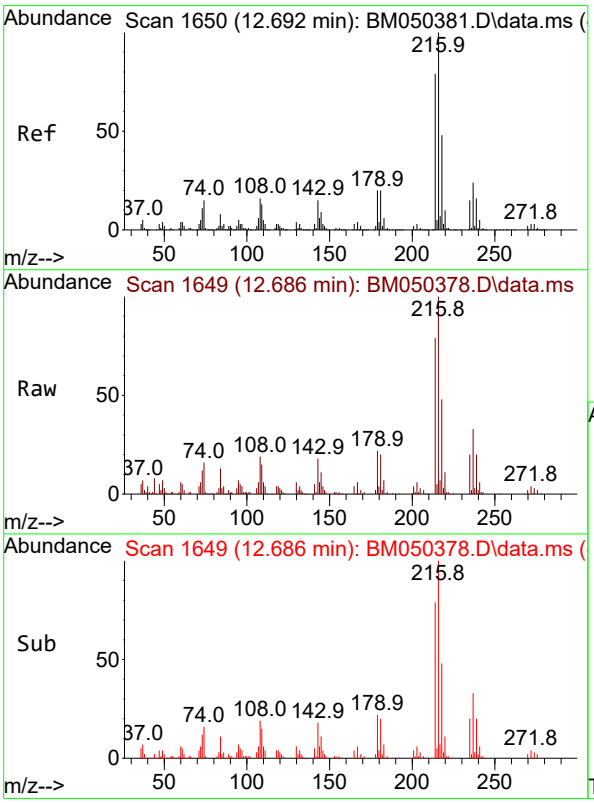
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 768894

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	44.3	36.2	54.4

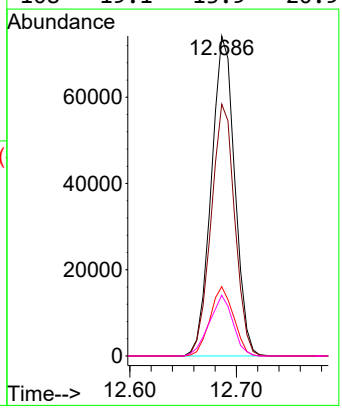


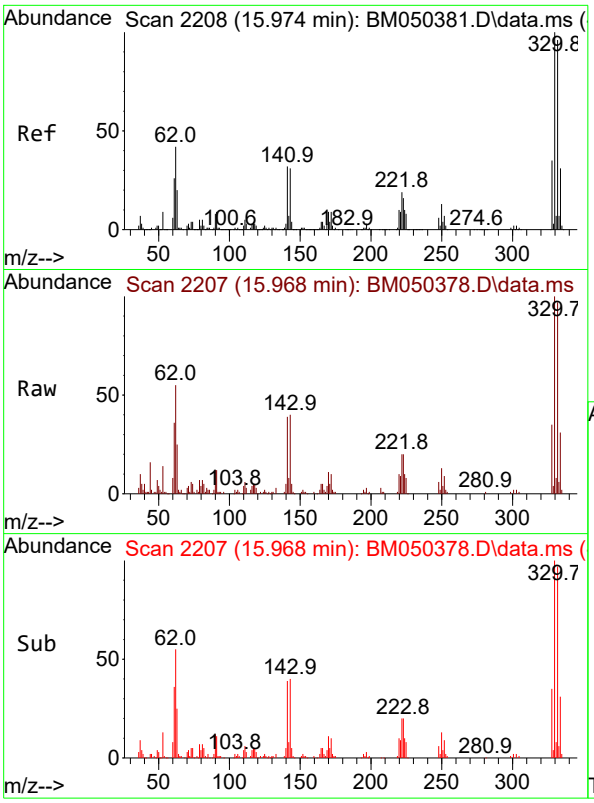


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.642 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:216 Resp: 113496

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.3	94.9
179	21.7	16.4	24.6
108	19.1	13.9	20.9



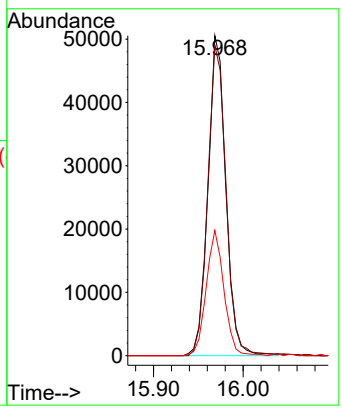


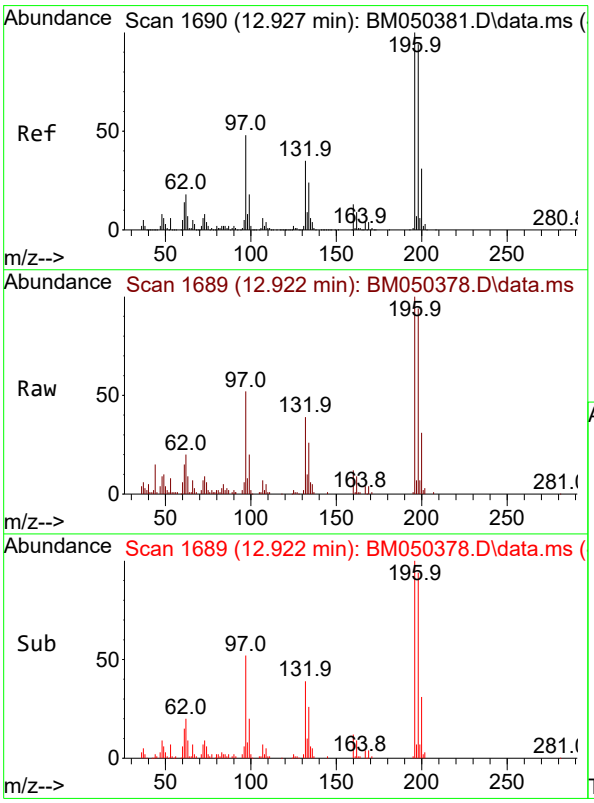
#42
2,4,6-Tribromophenol
Concen: 7.485 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 69925

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.9	115.3
141	38.9	27.4	41.0

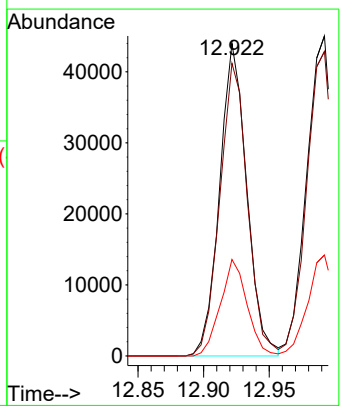


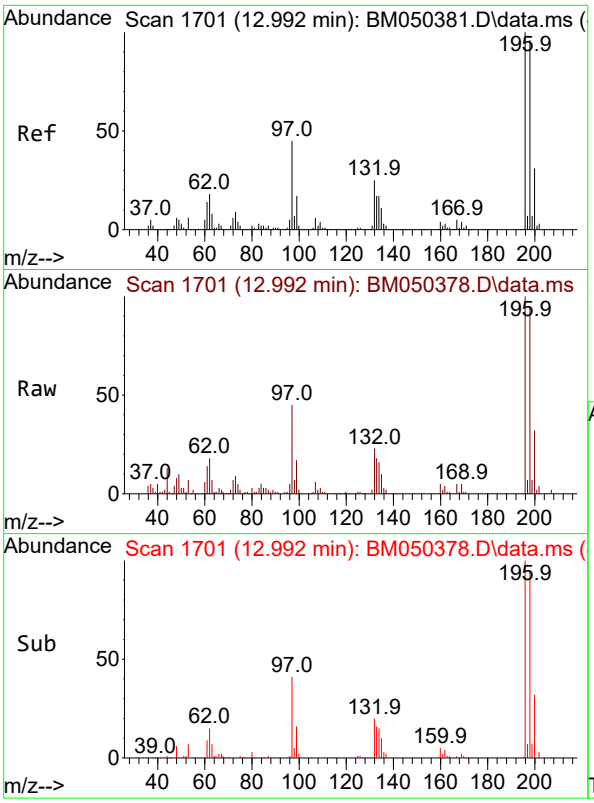


#43
2,4,6-Trichlorophenol
Concen: 4.221 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:196 Resp: 63524

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.1	112.7
200	30.8	24.6	37.0



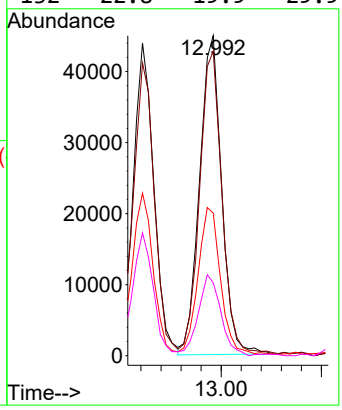


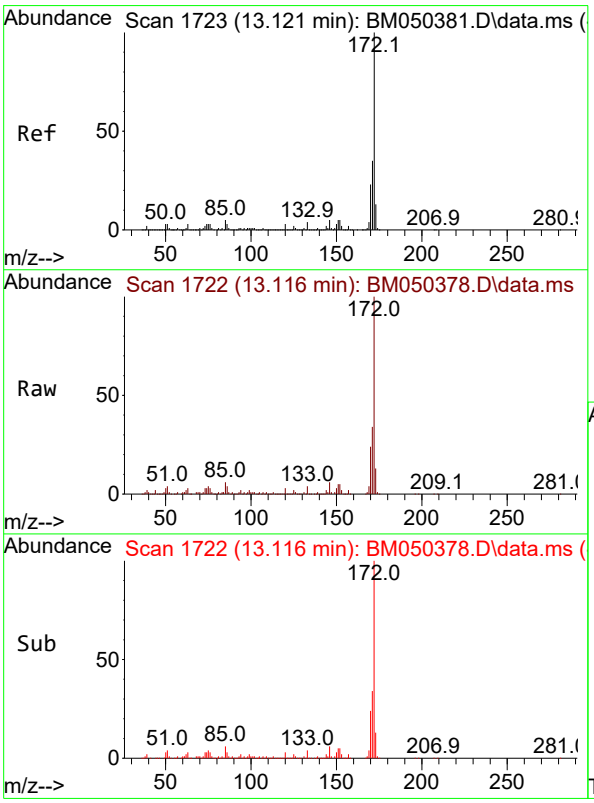
#44
2,4,5-Trichlorophenol
Concen: 4.195 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 68958

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	44.6	36.2	54.4
132	22.8	19.9	29.9

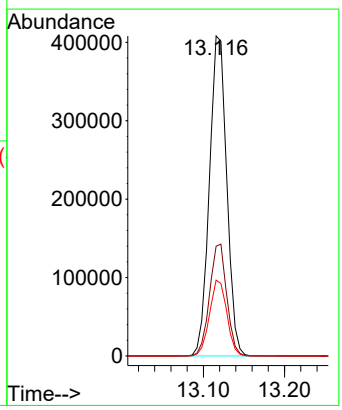


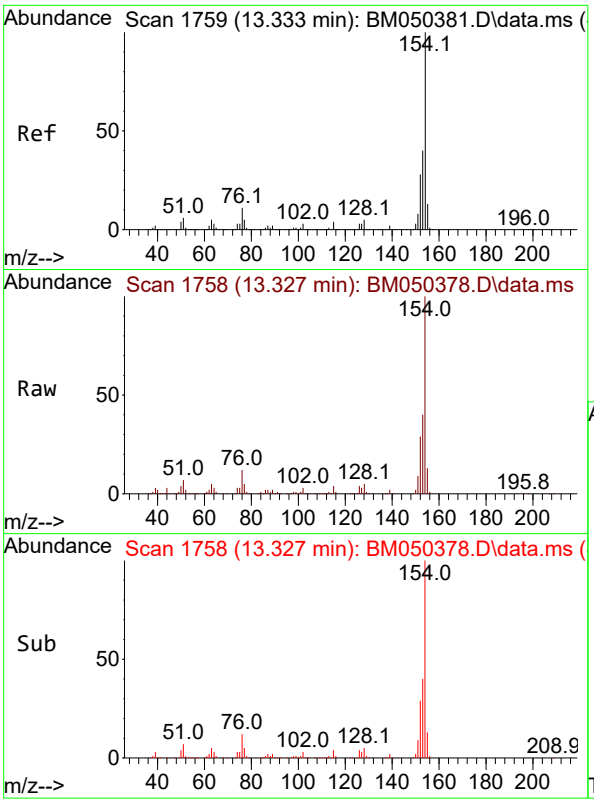


#45
2-Fluorobiphenyl
Concen: 9.705 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:172 Resp: 604282

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.7	41.5
170	23.7	18.8	28.2



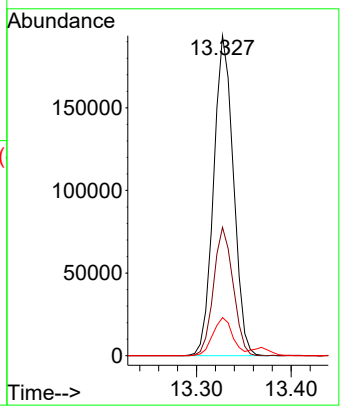


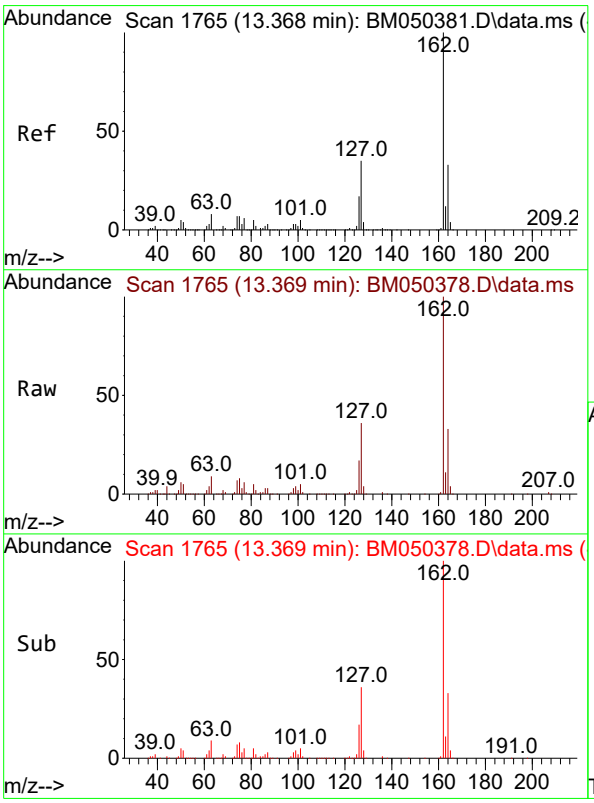
#46
1,1'-Biphenyl
Concen: 4.934 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 281496

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.7	59.7
76	11.9	0.0	30.9

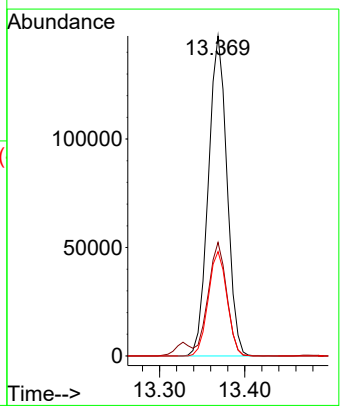


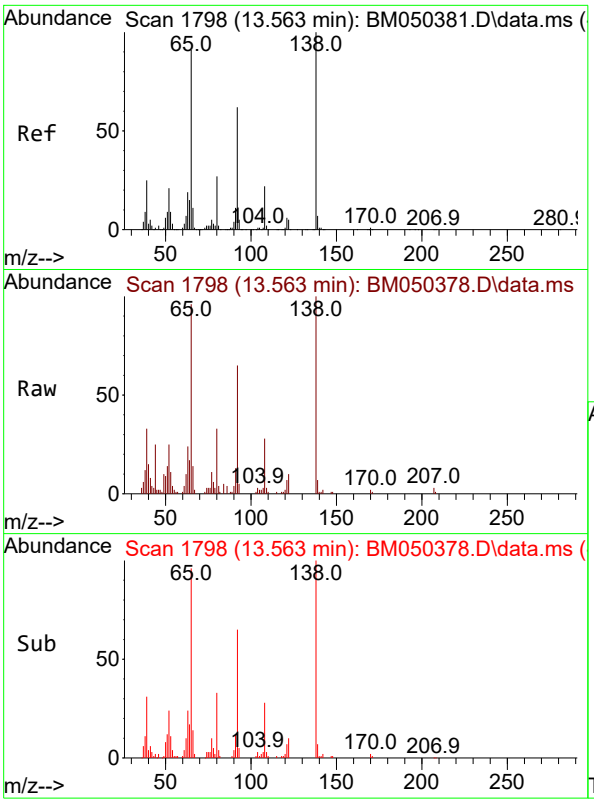


#47
2-Chloronaphthalene
Concen: 4.918 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:162 Resp: 223672

Ion	Ratio	Lower	Upper
162	100		
127	35.5	28.3	42.5
164	32.6	26.6	40.0



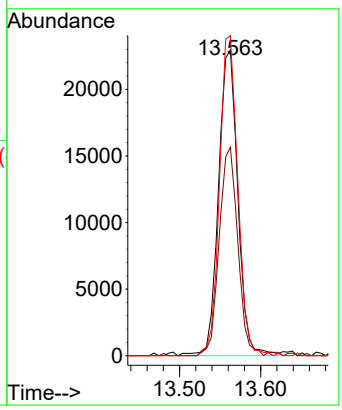


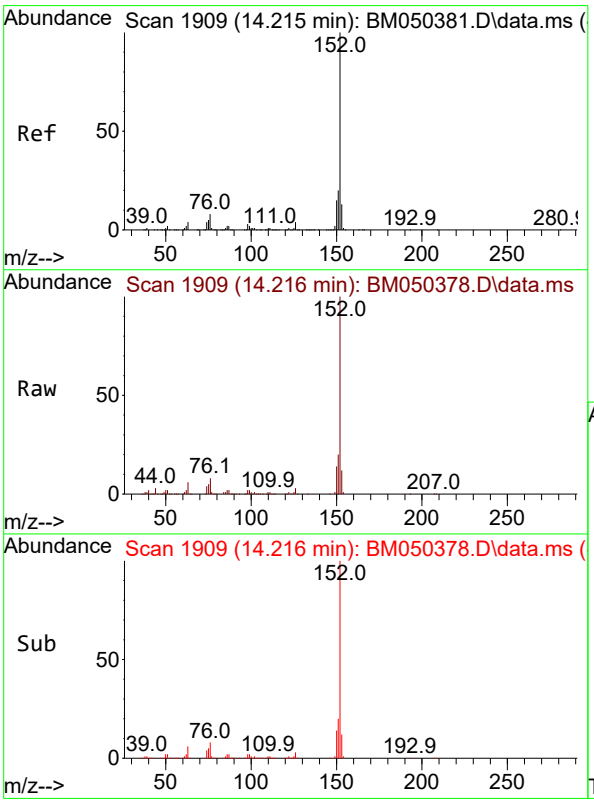
#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 37953

Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.3	81.5
138	104.7	87.8	131.6

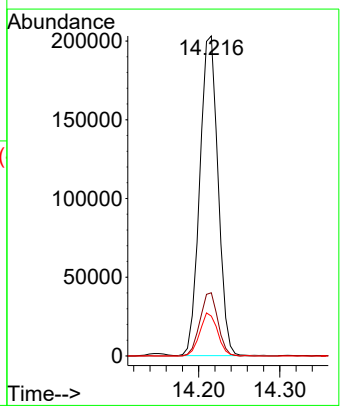


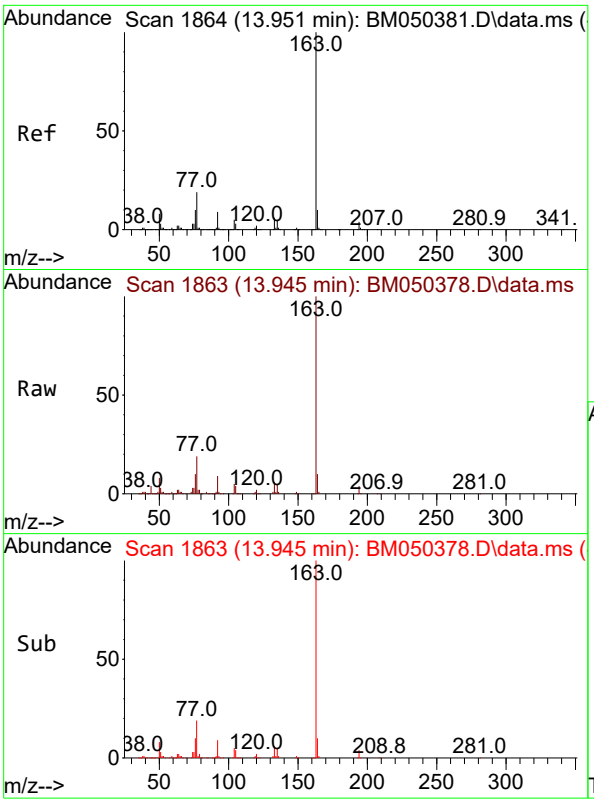


#49
Acenaphthylene
Concen: 4.601 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:152 Resp: 316292

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.4	10.6	15.8



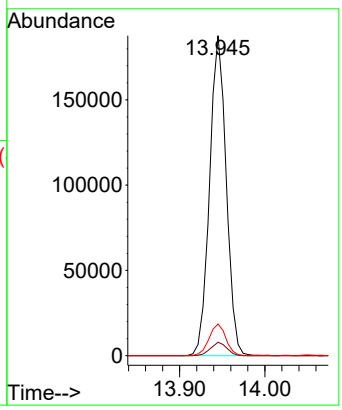


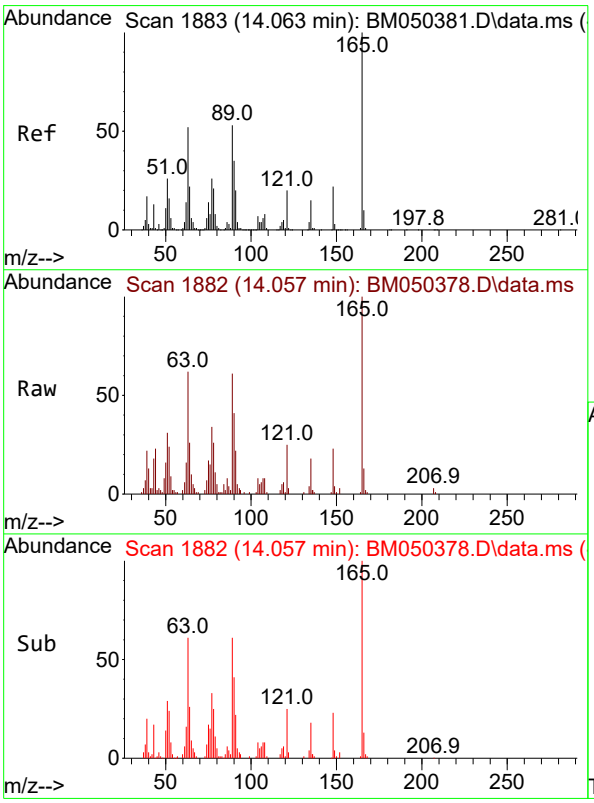
#50
Dimethylphthalate
Concen: 4.805 ng
RT: 13.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 254362

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.2	12.2

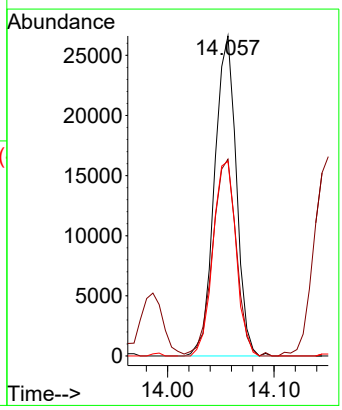


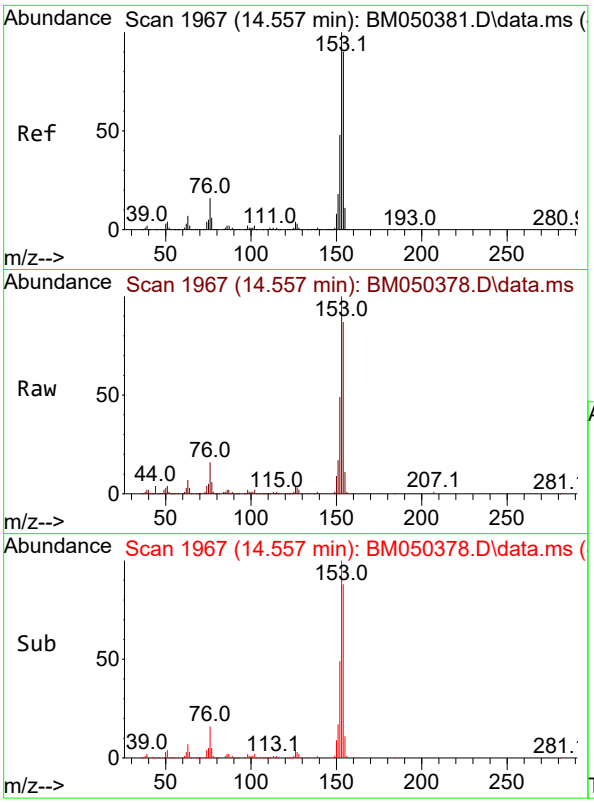


#51
2,6-Dinitrotoluene
Concen: 3.710 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 37711

Ion	Ratio	Lower	Upper
165	100		
63	61.5	42.4	63.6
89	60.8	42.2	63.2



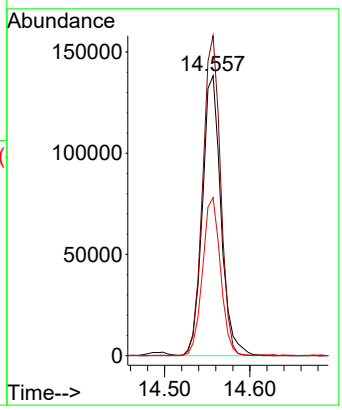


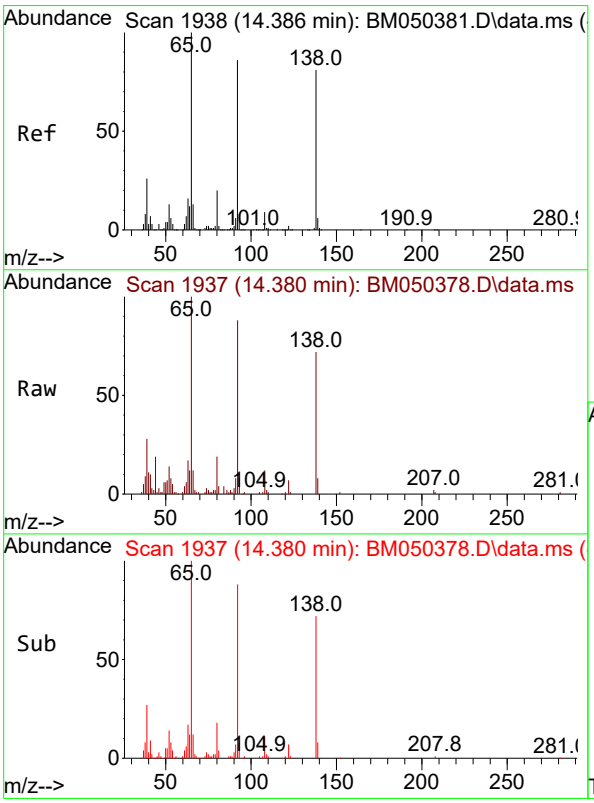
#52
Acenaphthene
Concen: 4.779 ng
RT: 14.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 208840

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.2	133.8
152	56.4	42.6	64.0

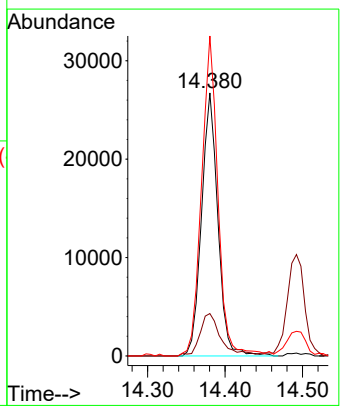


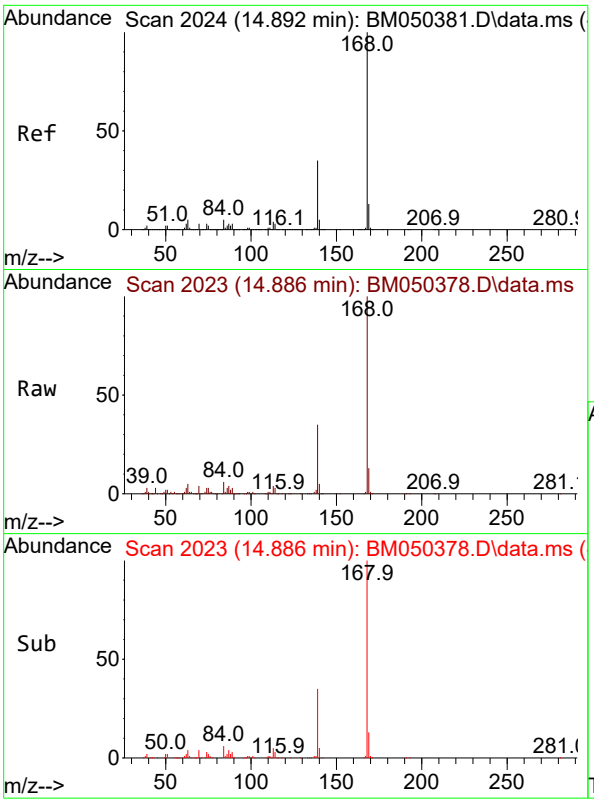


#53
3-Nitroaniline
Concen: 3.628 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:138 Resp: 39220

Ion	Ratio	Lower	Upper
138	100		
108	16.1	8.8	13.2#
92	121.7	85.0	127.6



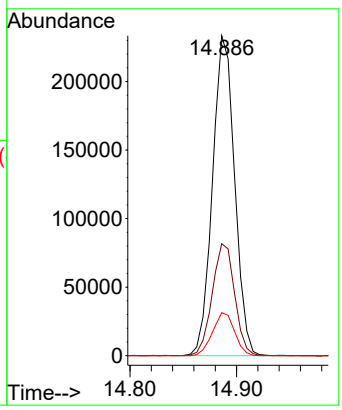


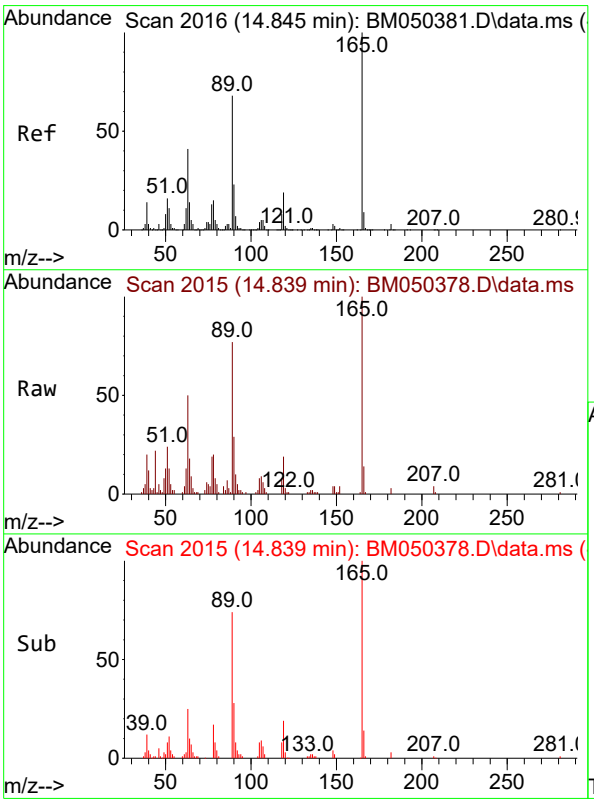
#55
Dibenzofuran
Concen: 4.988 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 335867

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.7	41.5
169	13.4	10.7	16.1

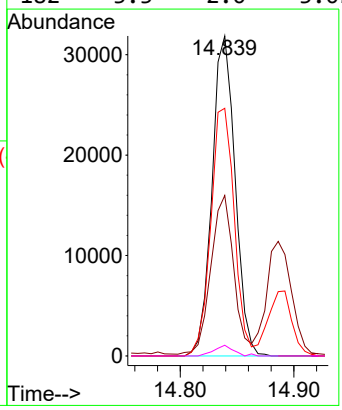


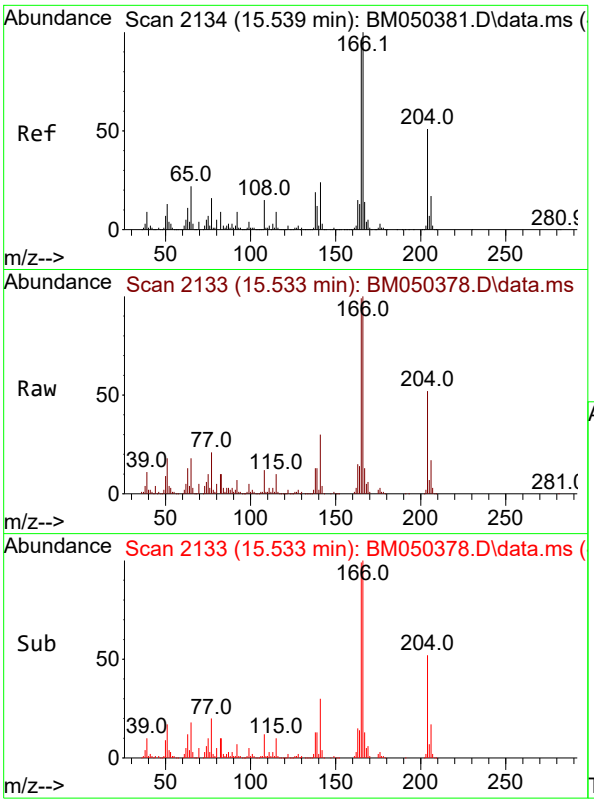


#57
2,4-Dinitrotoluene
Concen: 5.513 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 44983

Ion	Ratio	Lower	Upper
165	100		
63	50.1	32.5	48.7#
89	77.4	54.0	81.0
182	3.3	2.0	3.0#



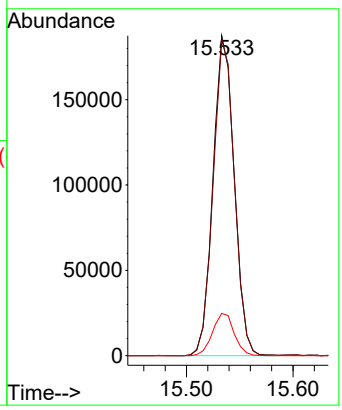


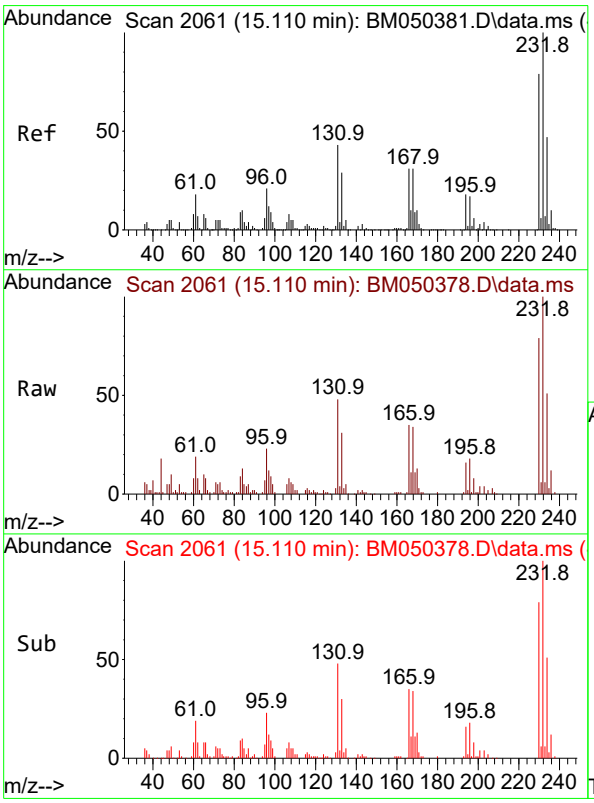
#58
Fluorene
Concen: 4.671 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 259083

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.0	115.6
167	13.2	10.9	16.3

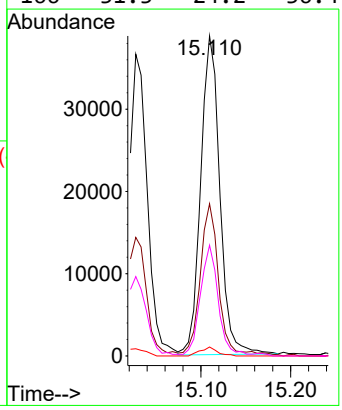


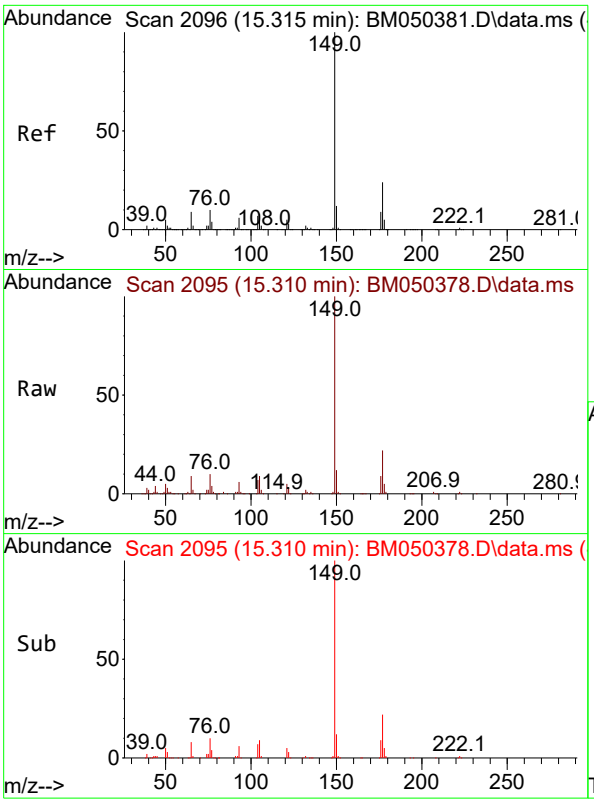


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.158 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:232 Resp: 57532

Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.4	50.0
130	2.5	1.8	2.6
166	31.3	24.2	36.4



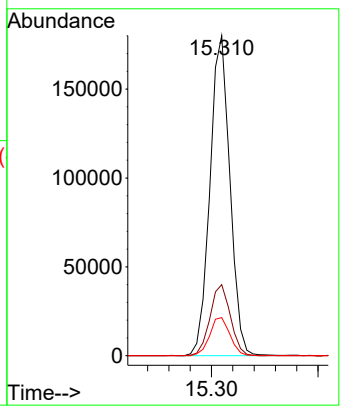


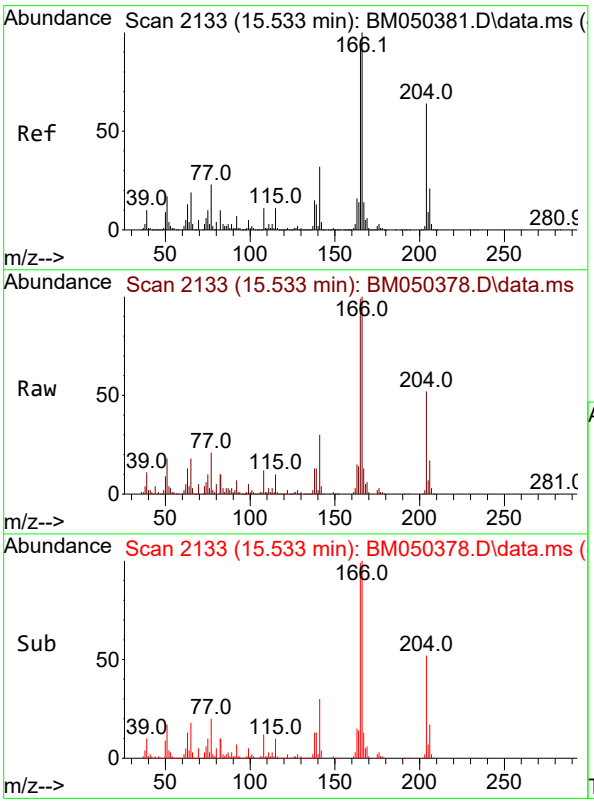
#60
Diethylphthalate
Concen: 4.625 ng
RT: 15.310 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 233863

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.8	28.2
150	11.9	9.8	14.8

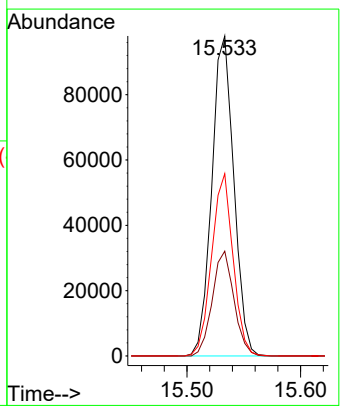


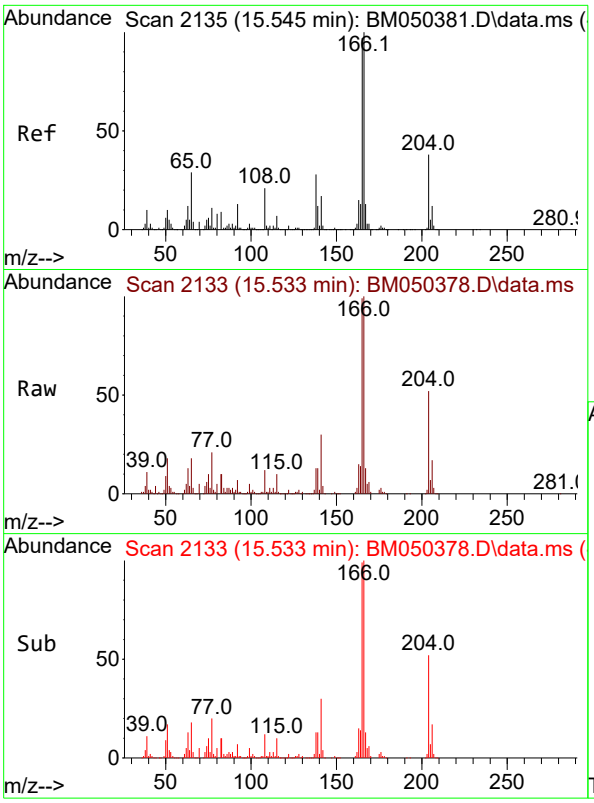


#61
4-Chlorophenyl-phenylether
Concen: 4.557 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:204 Resp: 132153

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.0	39.9	59.9



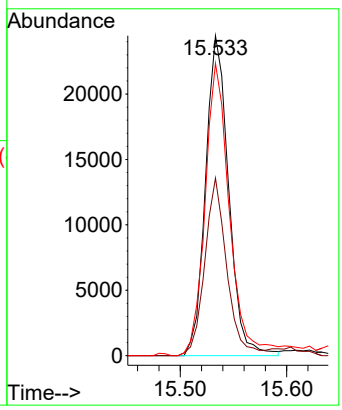


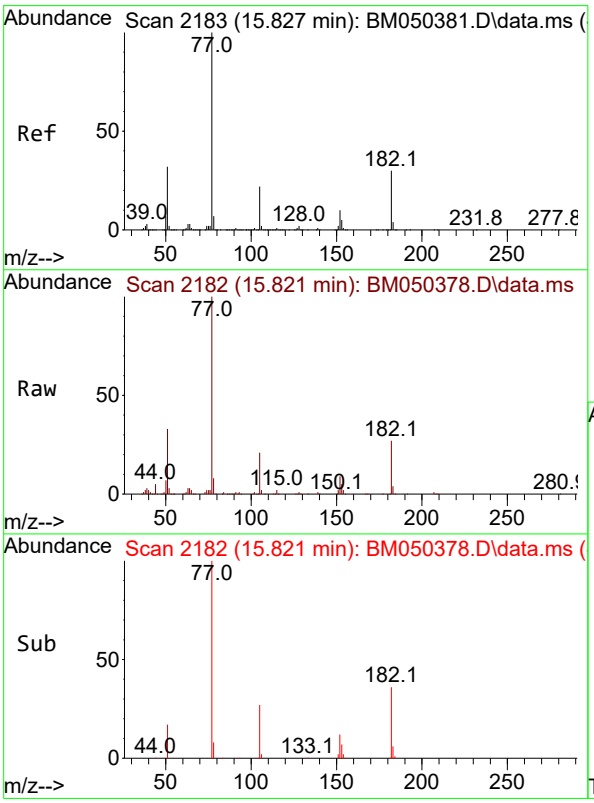
#62
4-Nitroaniline
Concen: 5.398 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 36922

Ion	Ratio	Lower	Upper
138	100		
92	55.5	24.5	64.5
108	91.3	52.5	92.5

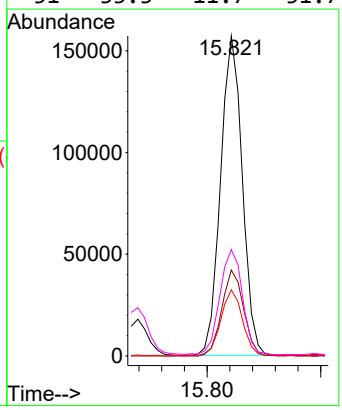


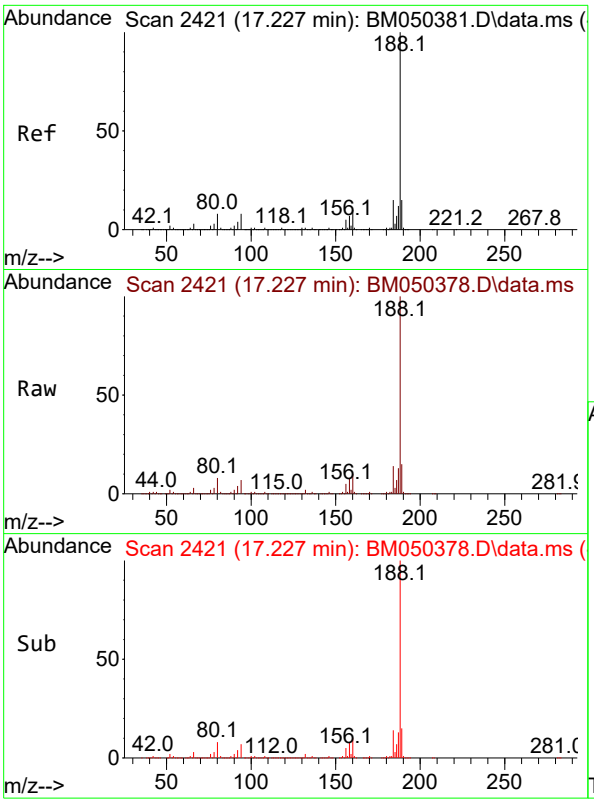


#63
Azobenzene
Concen: 4.490 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 208493

Ion	Ratio	Lower	Upper
77	100		
182	26.8	10.0	50.0
105	20.6	2.0	42.0
51	33.3	11.7	51.7



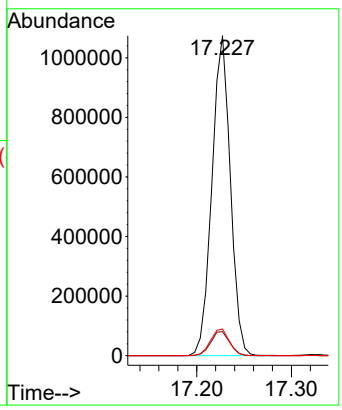


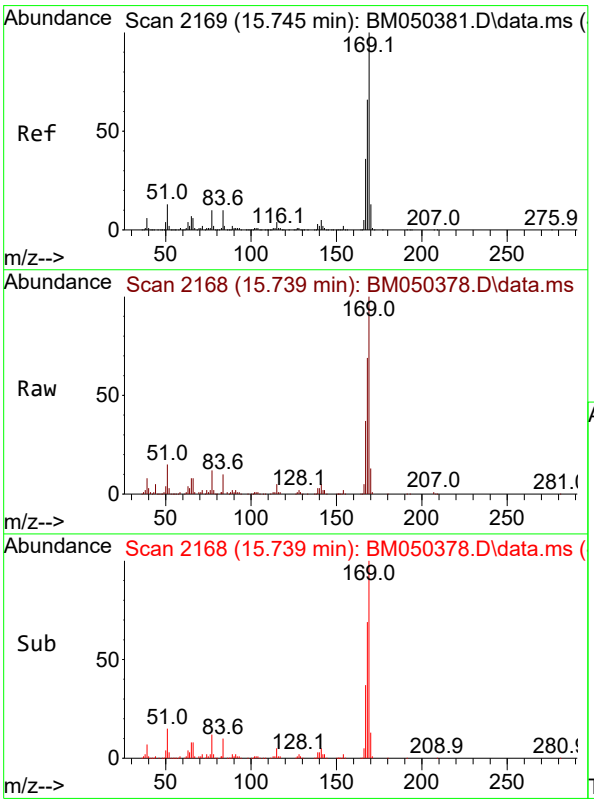
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1453955

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.3	6.5	9.7

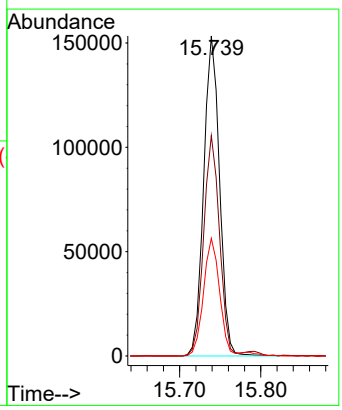


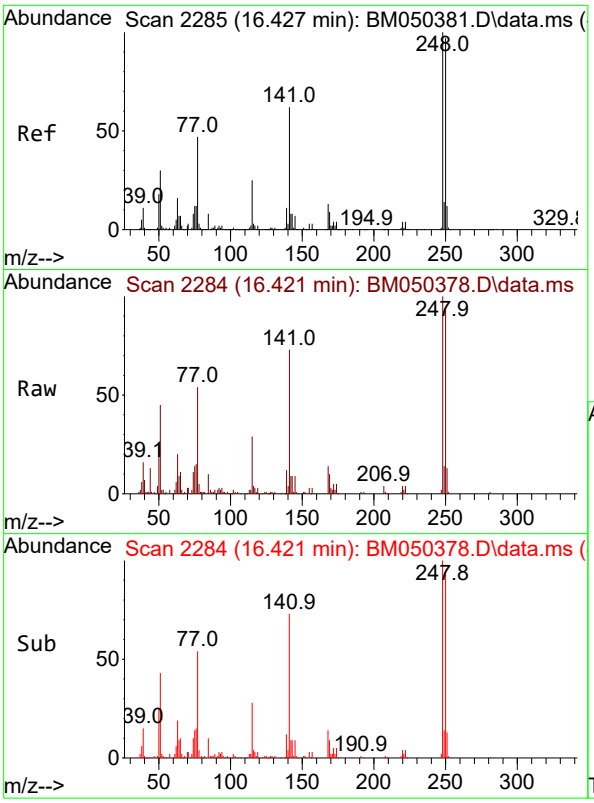


#66
n-Nitrosodiphenylamine
Concen: 4.566 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:169 Resp: 207747

Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.2	79.8
167	36.8	28.7	43.1



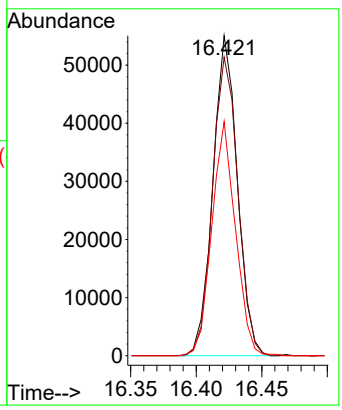


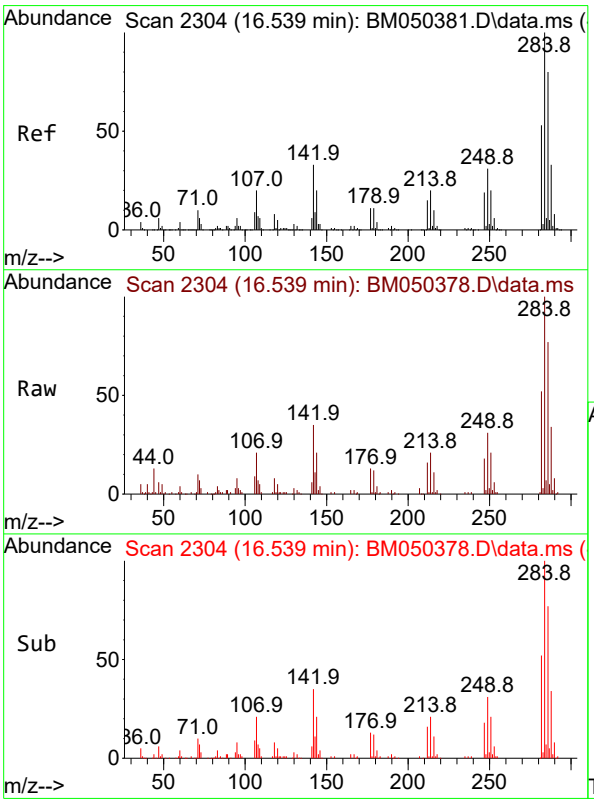
#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 71279

Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.9	116.9
141	73.2	49.7	74.5

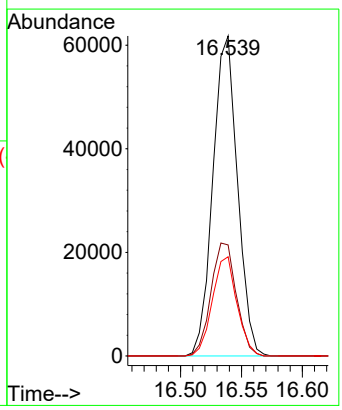


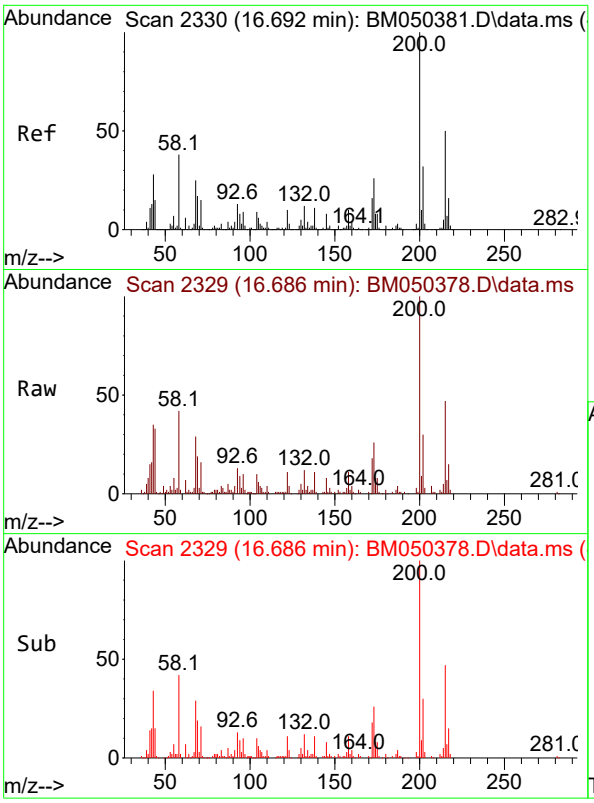


#68
Hexachlorobenzene
Concen: 4.587 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:284 Resp: 86781

Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.8	40.2
249	31.0	24.5	36.7



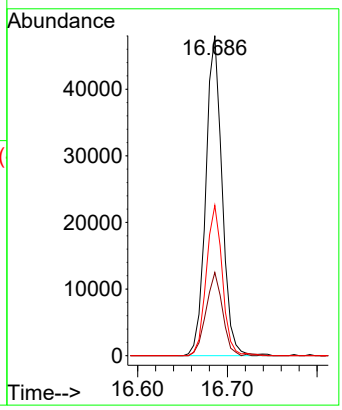


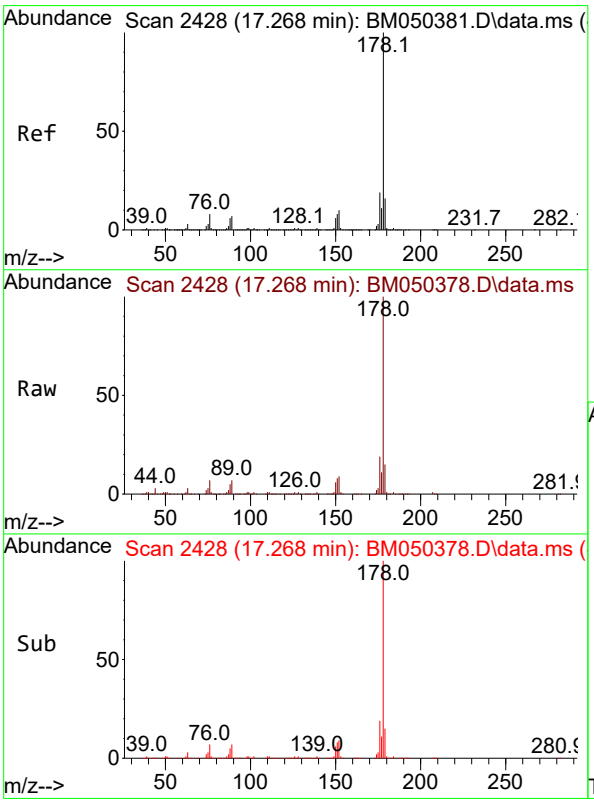
#69
Atrazine
Concen: 4.046 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 60444

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.6	45.6
215	47.0	29.6	69.6

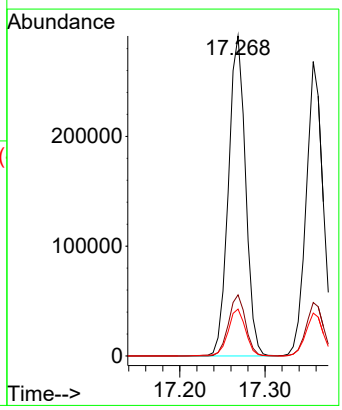


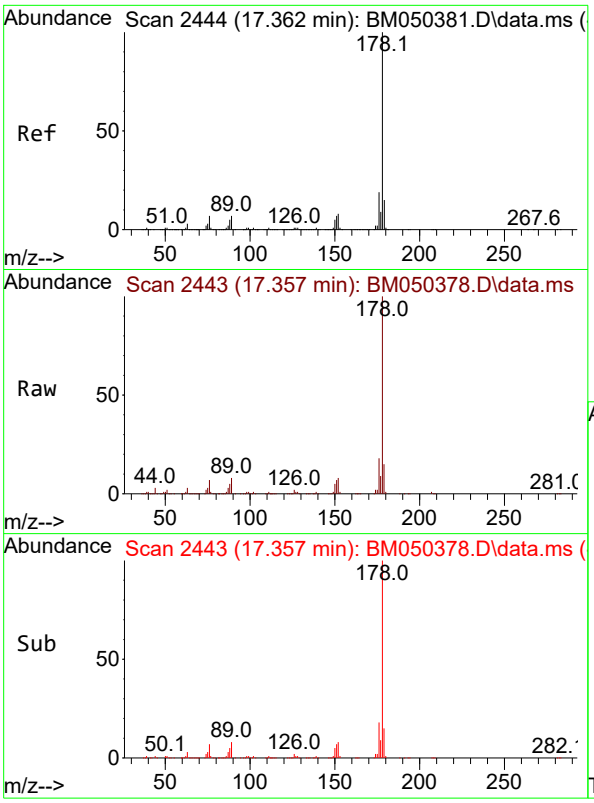


#71
Phenanthrene
Concen: 4.943 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:178 Resp: 406647

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.7	12.5	18.7



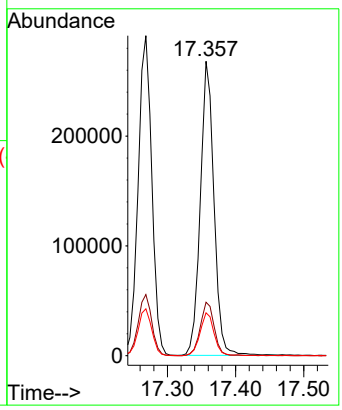


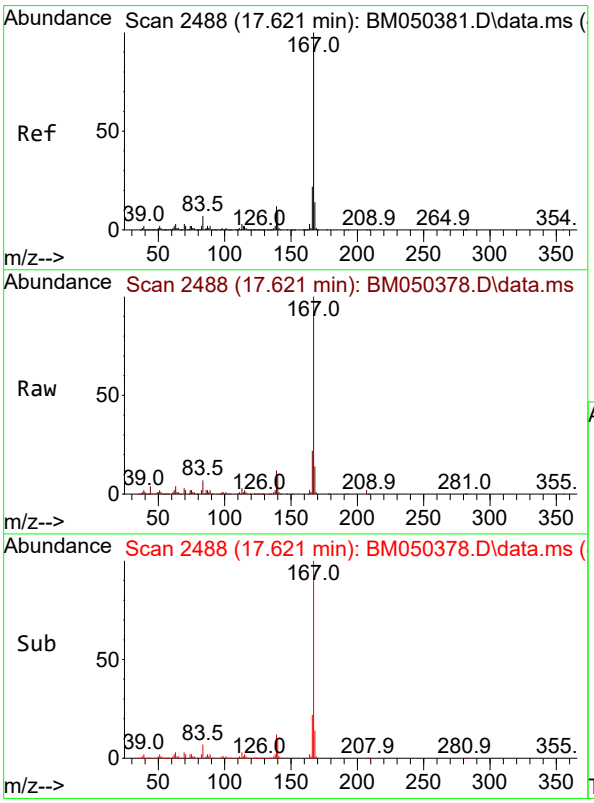
#72
Anthracene
Concen: 4.563 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 373674

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	14.6	12.2	18.4

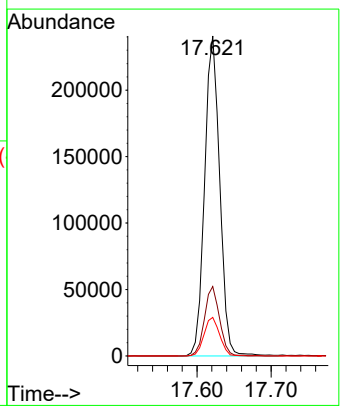


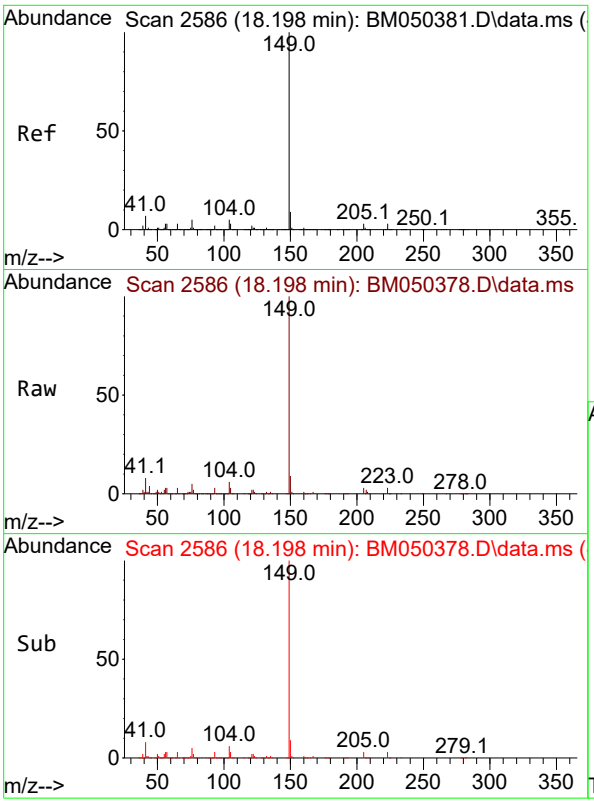


#73
Carbazole
Concen: 4.605 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:167 Resp: 341196

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.1	9.9	14.9



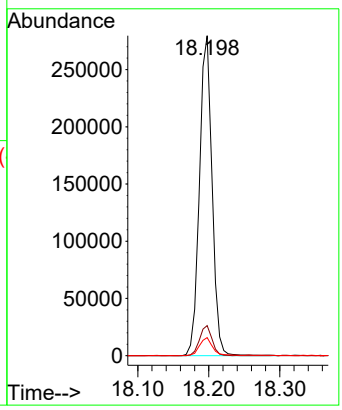


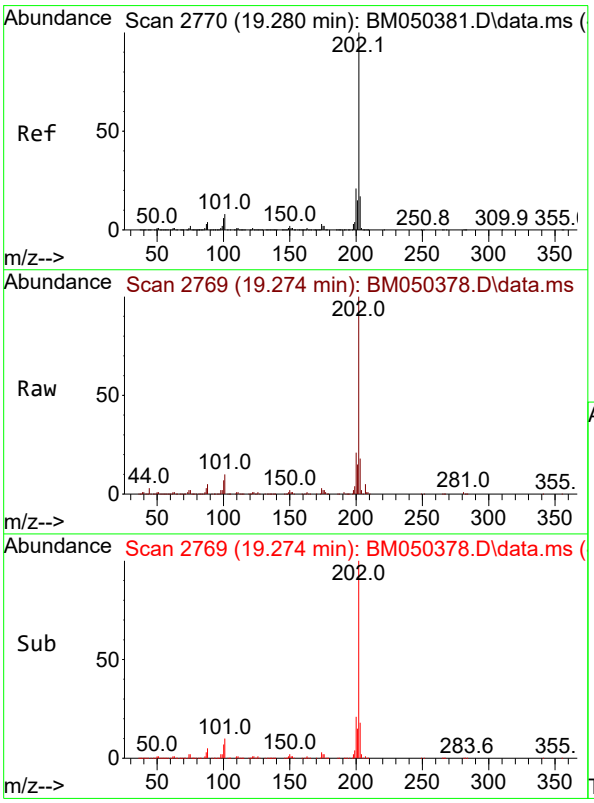
#74
Di-n-butylphthalate
Concen: 4.274 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 346654

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.7	3.9	5.9

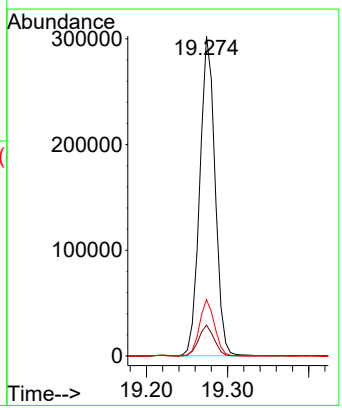


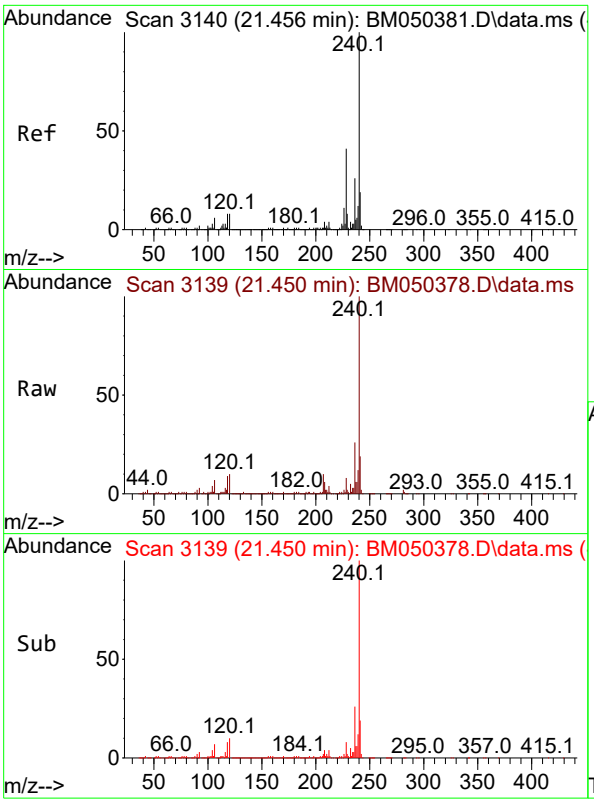


#75
Fluoranthene
Concen: 4.421 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 395390

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.3
203	17.6	0.0	37.2



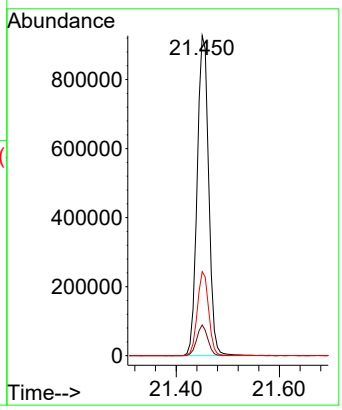


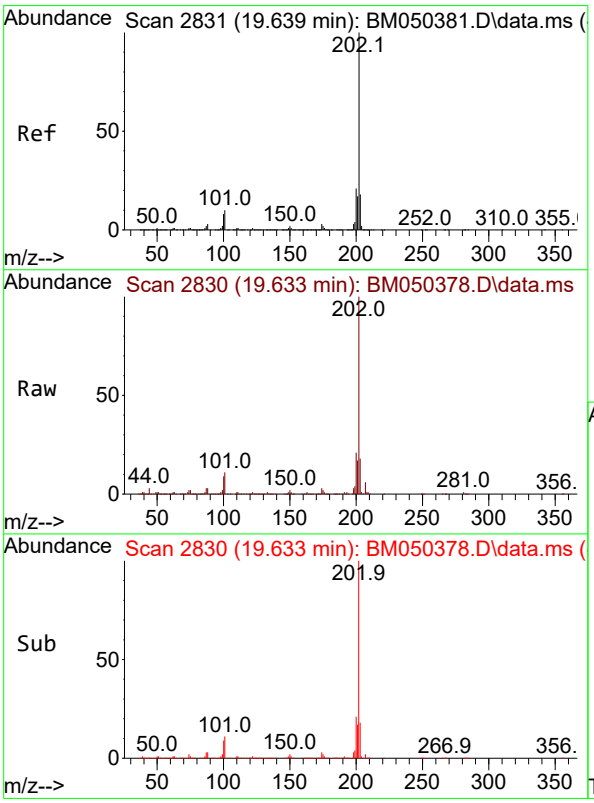
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1431554

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	26.3	20.7	31.1

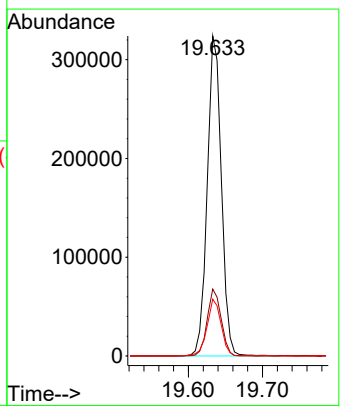


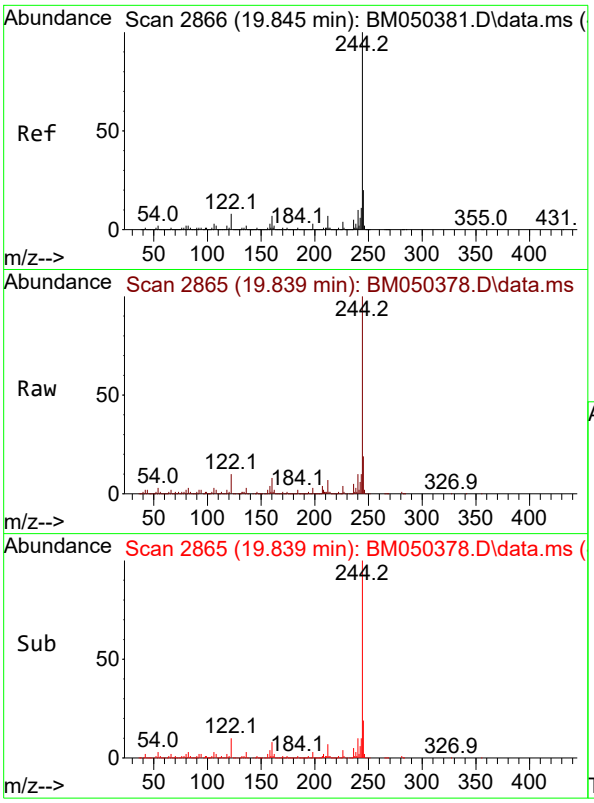


#78
Pyrene
Concen: 4.676 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 428758

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.1	21.1



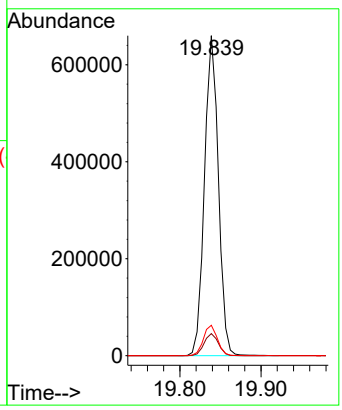


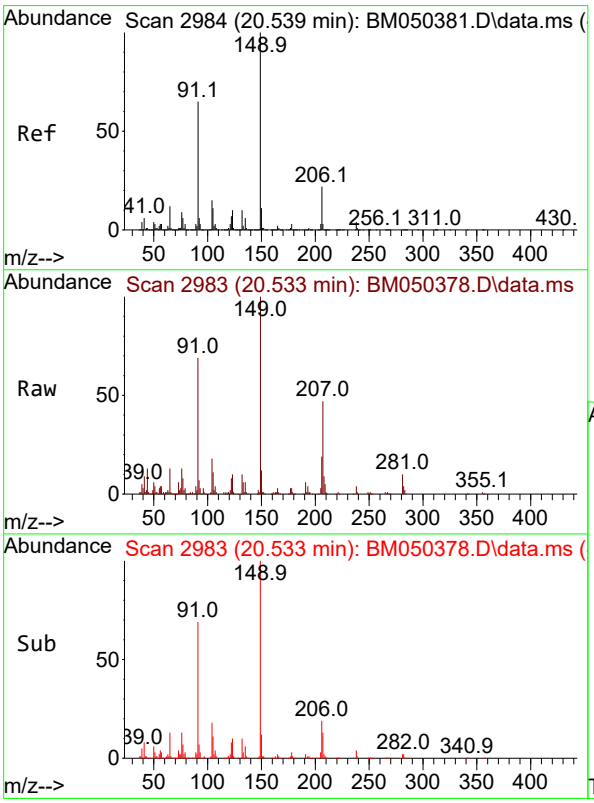
#79
Terphenyl-d14
Concen: 9.630 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 783562

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.5	6.2	9.2#

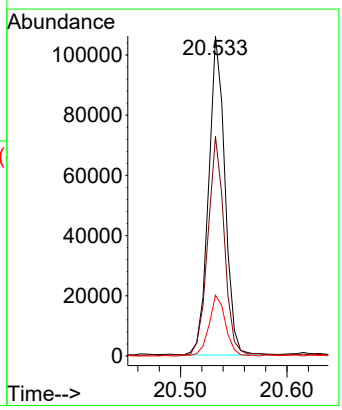


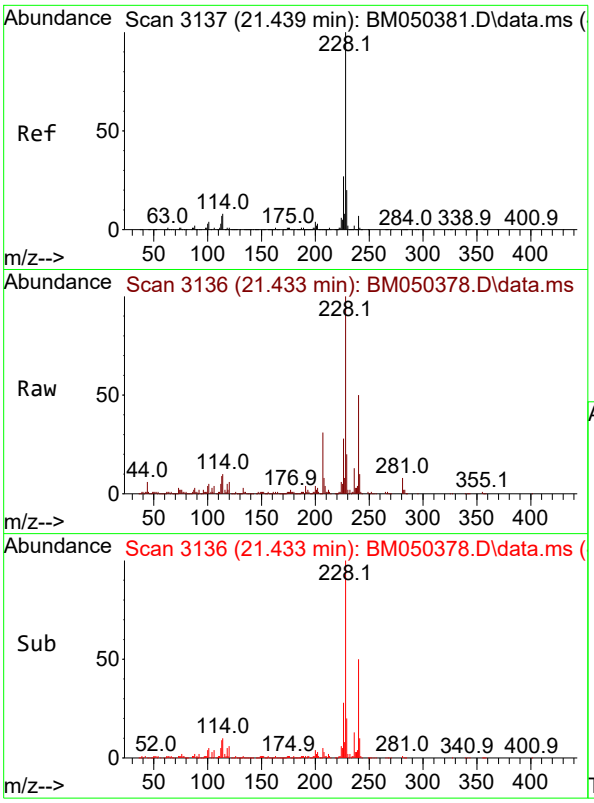


#80
Butylbenzylphthalate
Concen: 3.757 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:149 Resp: 113580

Ion	Ratio	Lower	Upper
149	100		
91	68.6	51.6	77.4
206	19.0	17.8	26.8



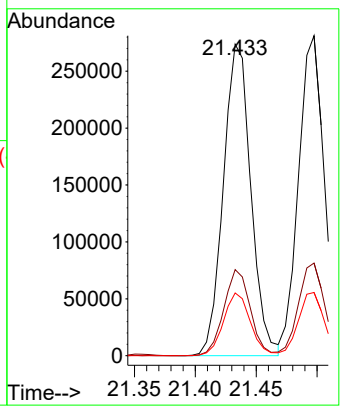


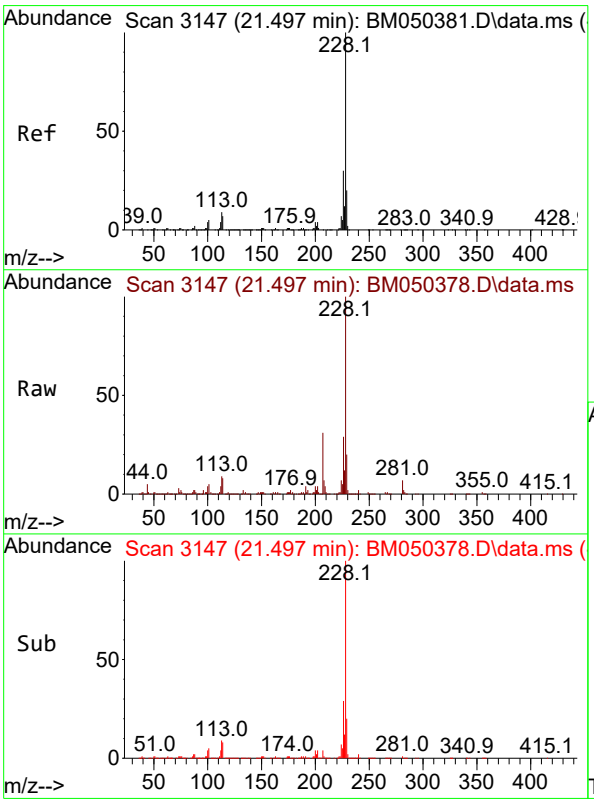
#81
Benzo(a)anthracene
Concen: 4.620 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 430980

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.0	24.0

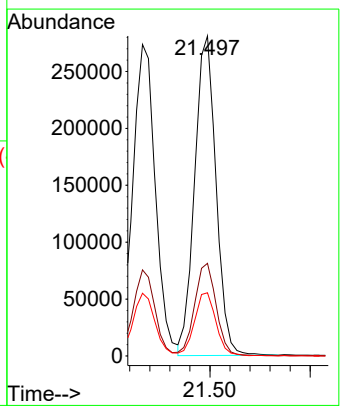


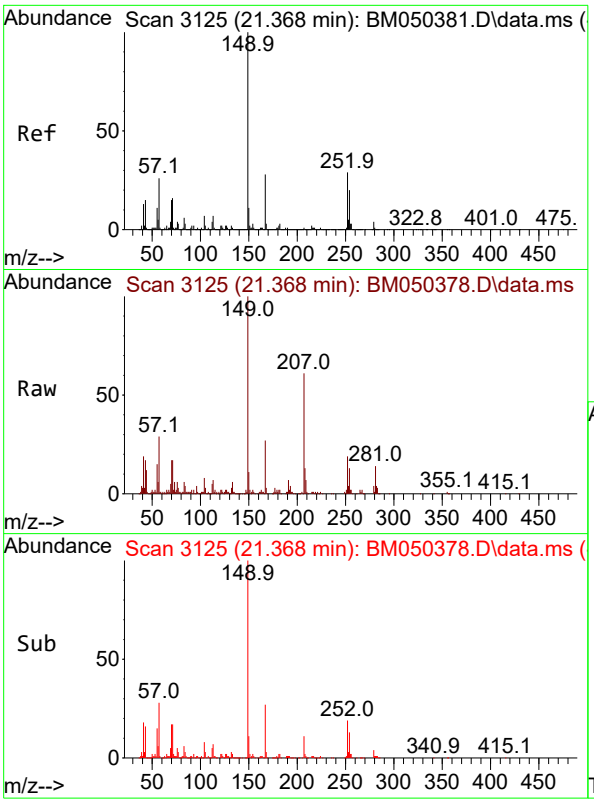


#83
Chrysene
Concen: 4.727 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:228 Resp: 415885

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	19.8	15.8	23.6



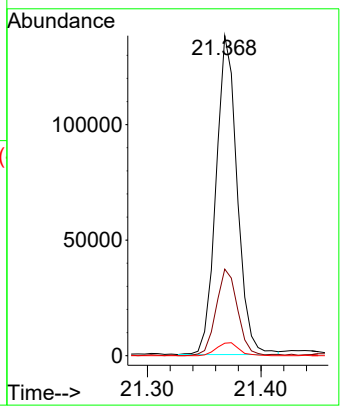


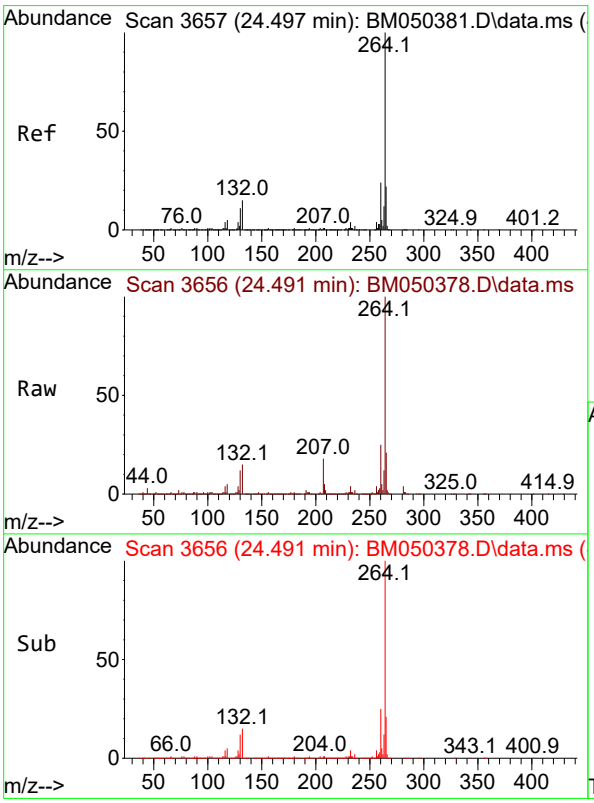
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.724 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 178701

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.7	34.1
279	3.9	3.5	5.3

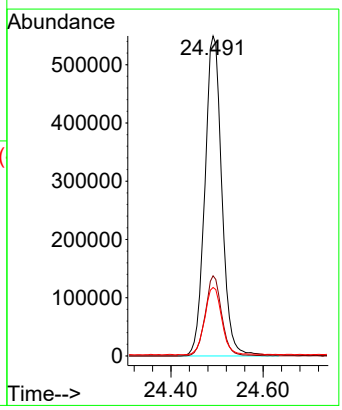


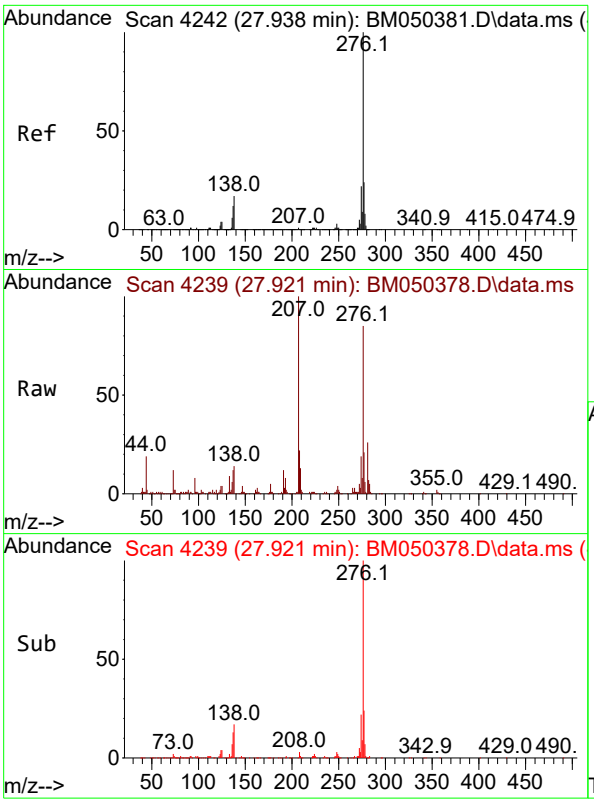


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:264 Resp: 1410719

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.8	26.6



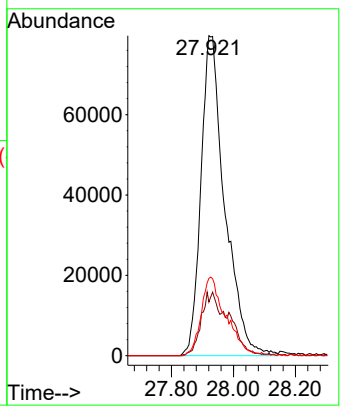


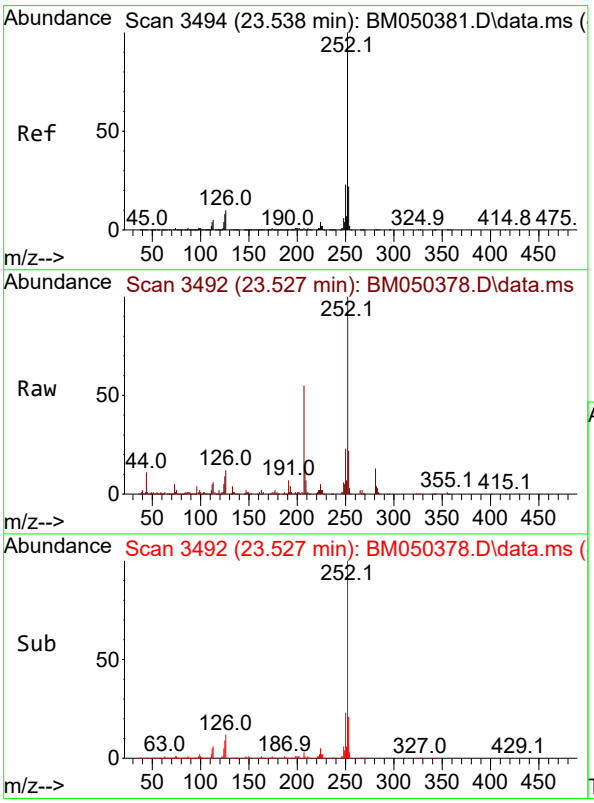
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.249 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 426152

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.0	25.6
277	25.5	20.0	30.0

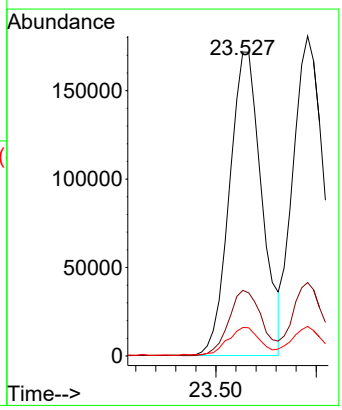


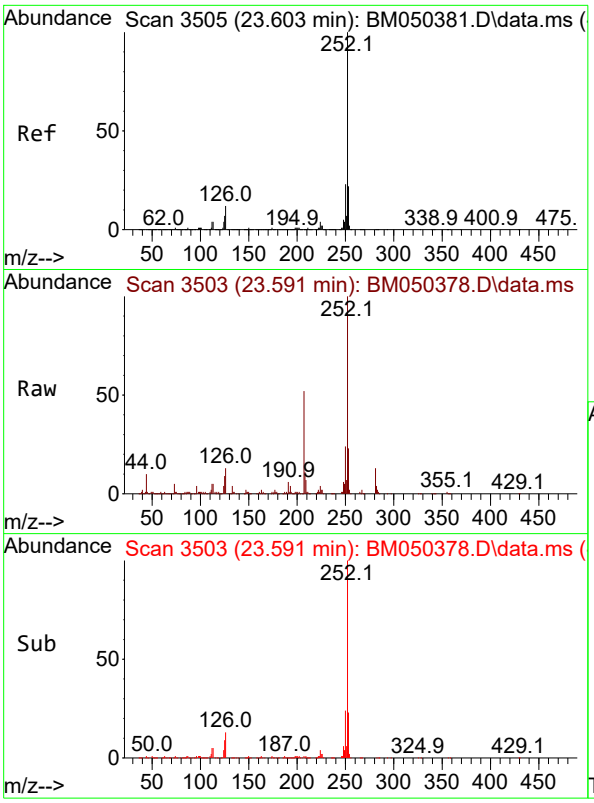


#88
Benzo(b)fluoranthene
Concen: 4.431 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 384470

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.4	6.3	9.5



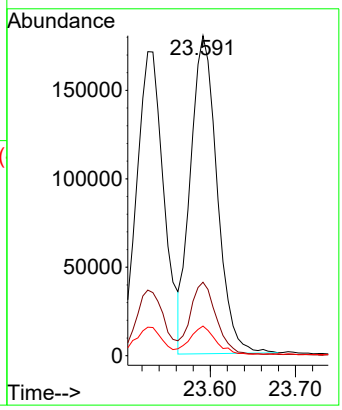


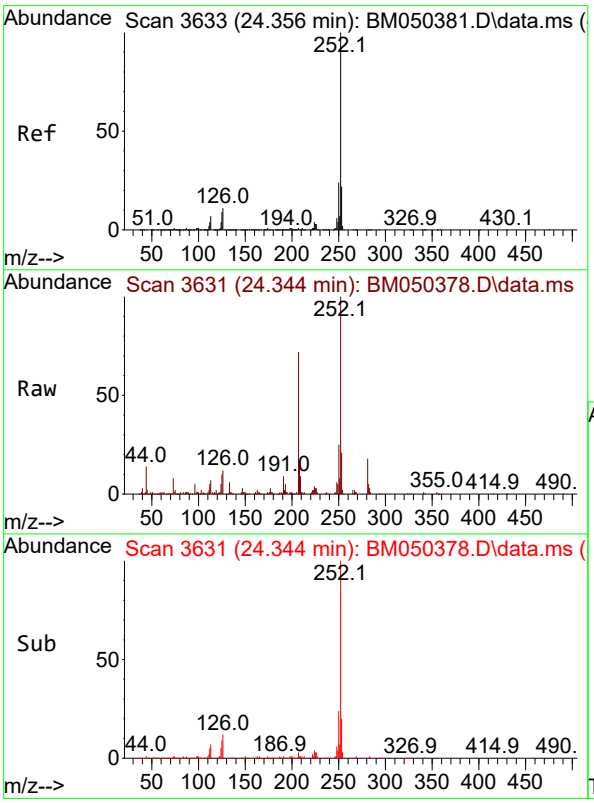
#89
Benzo(k)fluoranthene
Concen: 4.330 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 389878

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.3	6.2	9.2#

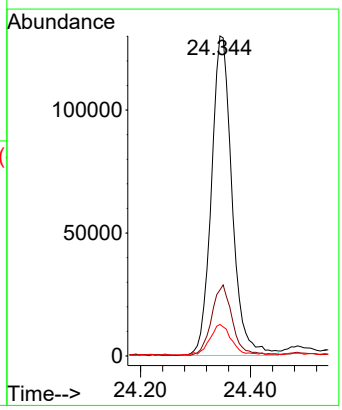


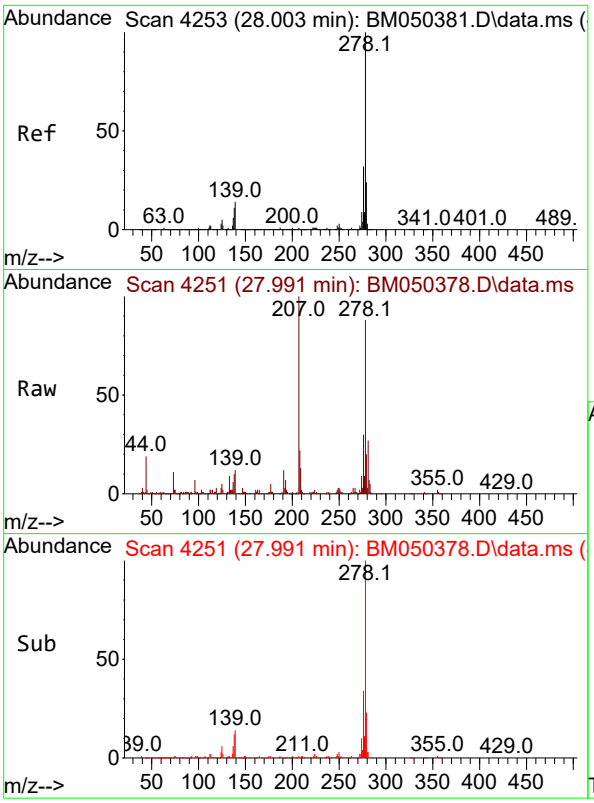


#90
Benzo(a)pyrene
Concen: 4.177 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 339308

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.6
125	9.9	7.0	10.4



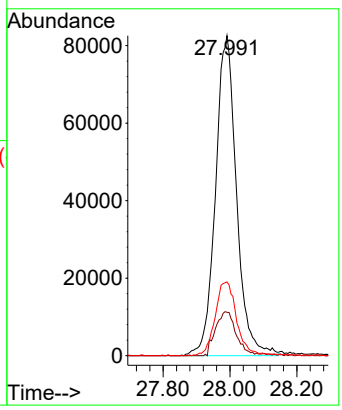


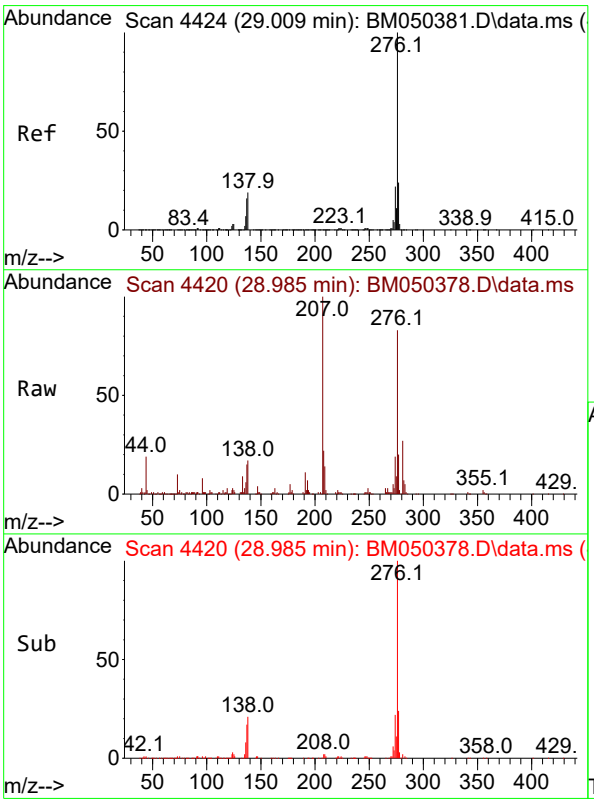
#91
Dibenzo(a,h)anthracene
Concen: 4.269 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 360576

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	23.1	19.4	29.0

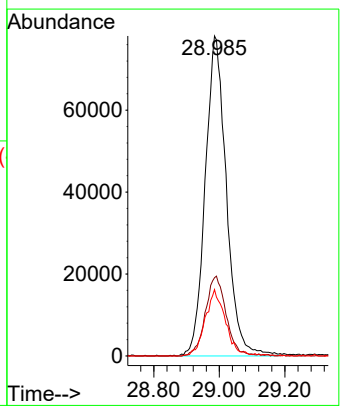




#92
Benzo(g,h,i)perylene
Concen: 4.382 ng
RT: 28.985 min Scan# 4420
Delta R.T. -0.023 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:276 Resp: 349804

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	20.8	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	361961	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1342132	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	846249	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1580349	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1564213	20.000	ng		0.00
86) Perylene-d12	24.491	264	1552476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	390415	18.566	ng		0.00
7) Phenol-d6	7.016	99	480384	18.122	ng		0.00
23) Nitrobenzene-d5	9.016	82	476926	18.129	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	165401	16.086	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	1301714	18.996	ng		0.00
79) Terphenyl-d14	19.839	244	1735885	19.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	84322	9.752	ng		97
3) Pyridine	3.734	79	216596	9.541	ng		96
4) n-Nitrosodimethylamine	3.640	42	101622	9.602	ng	#	92
6) Aniline	7.187	93	308012	9.054	ng		99
8) 2-Chlorophenol	7.428	128	200037	9.022	ng		99
9) Benzaldehyde	6.998	77	170875m	10.835	ng		
10) Phenol	7.045	94	255531	9.242	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	205153	9.265	ng		95
12) 1,3-Dichlorobenzene	7.757	146	257848	9.564	ng		99
13) 1,4-Dichlorobenzene	7.898	146	264062	9.592	ng		99
14) 1,2-Dichlorobenzene	8.222	146	252415	9.577	ng		96
15) Benzyl Alcohol	8.098	79	164181	8.790	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	315036	9.659	ng		100
17) 2-Methylphenol	8.298	107	162594	9.067	ng		96
18) Hexachloroethane	8.951	117	90719	9.370	ng		95
19) n-Nitroso-di-n-propyla...	8.669	70	146225	9.106	ng		98
20) 3+4-Methylphenols	8.622	107	211795	8.798	ng		99
22) Acetophenone	8.681	105	321333	9.576	ng	#	98
24) Nitrobenzene	9.057	77	220849	9.408	ng		98
25) Isophorone	9.586	82	385498	9.031	ng		98
26) 2-Nitrophenol	9.769	139	74836	7.822	ng		92
27) 2,4-Dimethylphenol	9.828	122	184710	9.073	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	264798	9.361	ng		99
29) 2,4-Dichlorophenol	10.304	162	187427	8.961	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	234305	9.364	ng		97
31) Naphthalene	10.710	128	653977	9.593	ng		99
32) Benzoic acid	9.886	122	67388	10.696	ng		97
33) 4-Chloroaniline	10.810	127	266307	9.240	ng		99
34) Hexachlorobutadiene	11.004	225	140567	9.205	ng		94
35) Caprolactam	11.557	113	42675	7.474	ng		94
36) 4-Chloro-3-methylphenol	11.927	107	171511	8.781	ng		97
37) 2-Methylnaphthalene	12.322	142	399569	9.283	ng		99
38) 1-Methylnaphthalene	12.539	142	422148	9.267	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	240904	8.952	ng		99
41) Hexachlorocyclopentadiene	12.680	237	135571	7.881	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	141791	8.560	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

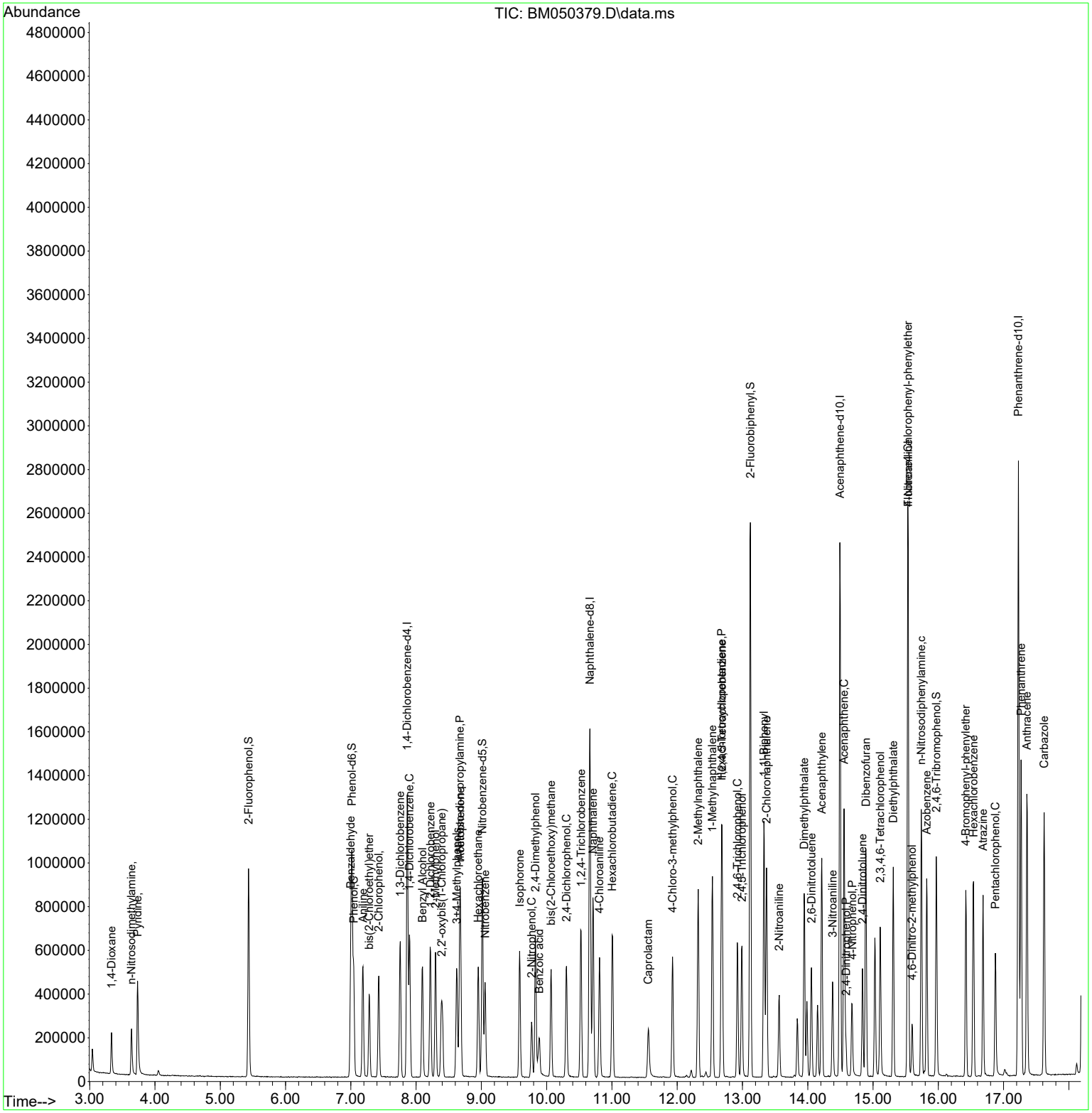
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	159049	8.792	ng		97
46) 1,1'-Biphenyl	13.327	154	600373	9.562	ng		99
47) 2-Chloronaphthalene	13.369	162	476534	9.519	ng		99
48) 2-Nitroaniline	13.563	65	89190	7.982	ng		96
49) Acenaphthylene	14.216	152	701534	9.273	ng		99
50) Dimethylphthalate	13.945	163	543665	9.331	ng		99
51) 2,6-Dinitrotoluene	14.057	165	94728	8.468	ng		94
52) Acenaphthene	14.557	154	444228	9.236	ng		95
53) 3-Nitroaniline	14.380	138	97828	8.223	ng	#	93
54) 2,4-Dinitrophenol	14.586	184	31123	11.045	ng		99
55) Dibenzofuran	14.892	168	708153	9.555	ng		98
56) 4-Nitrophenol	14.680	139	76886	7.515	ng		98
57) 2,4-Dinitrotoluene	14.839	165	117194	9.325	ng		92
58) Fluorene	15.539	166	562098	9.208	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	129591	8.509	ng		97
60) Diethylphthalate	15.310	149	512043	9.200	ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	284655	8.918	ng		96
62) 4-Nitroaniline	15.539	138	96460	9.259	ng		90
63) Azobenzene	15.821	77	472164	9.239	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	45307	10.934	ng		97
66) n-Nitrosodiphenylamine	15.739	169	455683	9.215	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	153426	8.812	ng		94
68) Hexachlorobenzene	16.539	284	184262	8.960	ng		97
69) Atrazine	16.686	200	137949	8.495	ng		98
70) Pentachlorophenol	16.874	266	96207	7.515	ng		99
71) Phenanthrene	17.268	178	845393	9.454	ng		99
72) Anthracene	17.357	178	803377	9.025	ng		99
73) Carbazole	17.621	167	746026	9.263	ng		100
74) Di-n-butylphthalate	18.198	149	759019	8.610	ng		99
75) Fluoranthene	19.274	202	852385	8.768	ng		98
77) Benzidine	19.456	184	289481	7.256	ng		99
78) Pyrene	19.633	202	920751	9.191	ng		99
80) Butylbenzylphthalate	20.533	149	261606	7.920	ng		95
81) Benzo(a)anthracene	21.433	228	940127	9.224	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	274551	7.988	ng		100
83) Chrysene	21.497	228	902126	9.384	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	426642	8.136	ng		98
85) Di-n-octyl phthalate	22.521	149	580634	7.070	ng		98
87) Indeno(1,2,3-cd)pyrene	27.921	276	960927	8.706	ng	#	94
88) Benzo(b)fluoranthene	23.533	252	834603	8.740	ng		99
89) Benzo(k)fluoranthene	23.591	252	883703	8.919	ng		99
90) Benzo(a)pyrene	24.344	252	764280	8.550	ng		99
91) Dibenzo(a,h)anthracene	27.985	278	803056	8.639	ng		98
92) Benzo(g,h,i)perylene	28.997	276	776700	8.841	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
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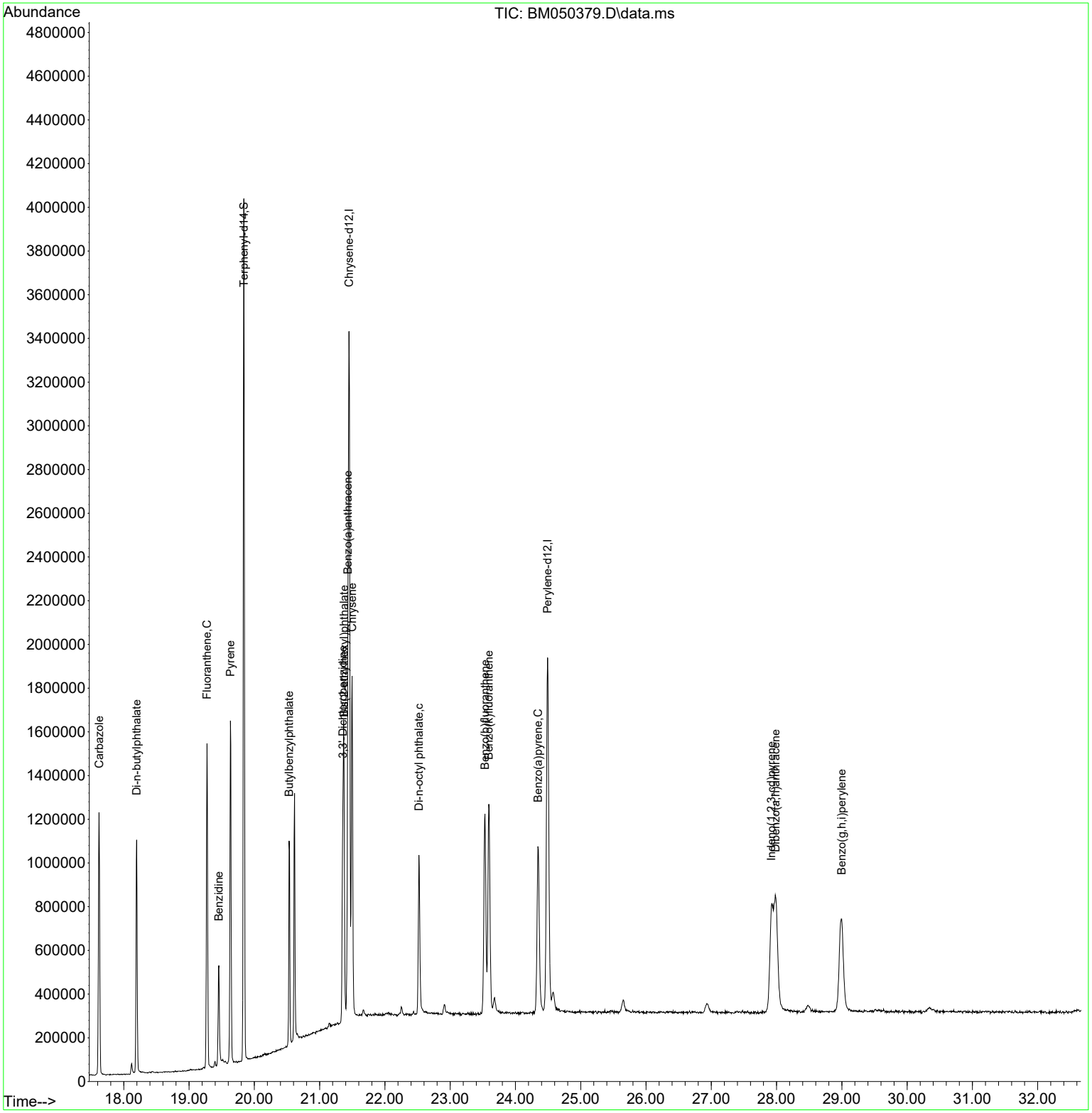
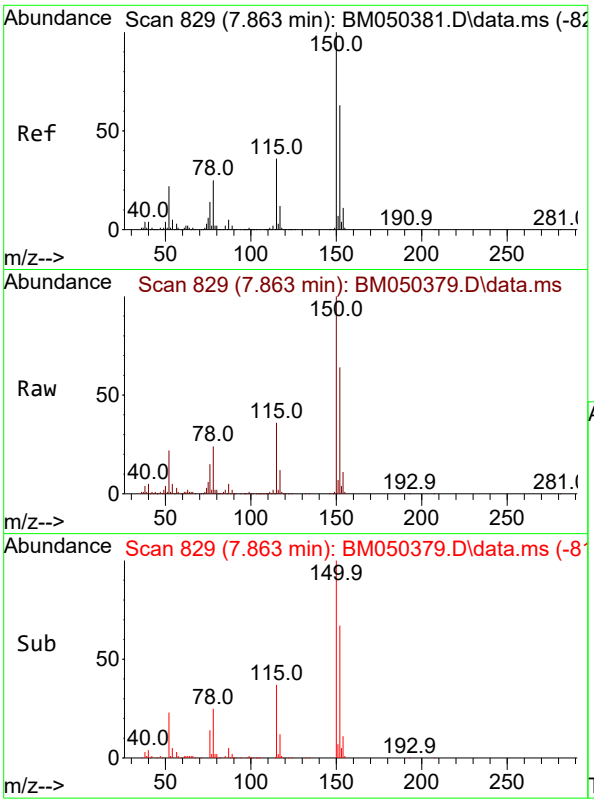


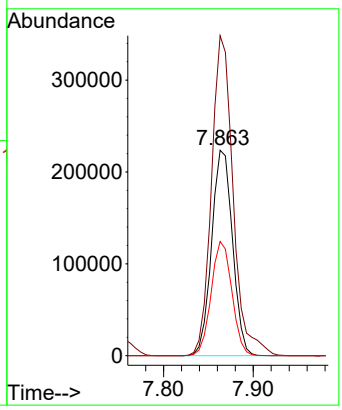


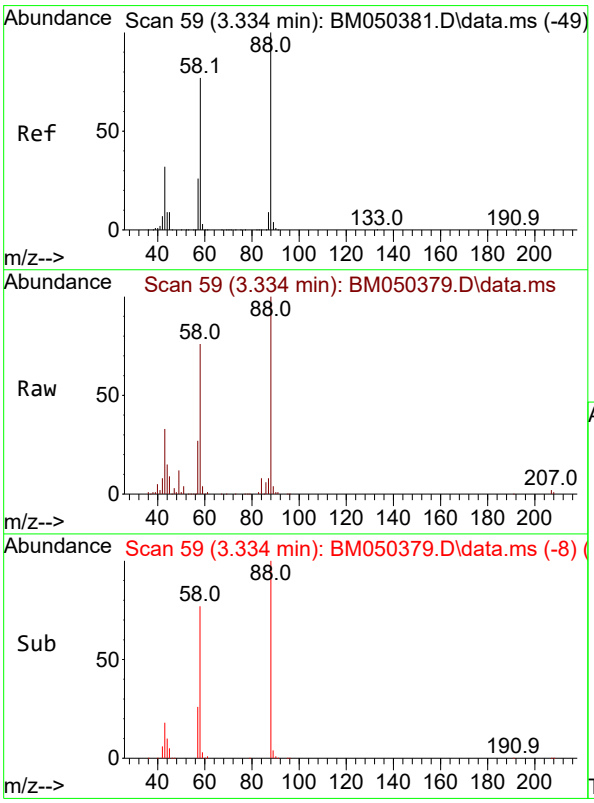
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 361961

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.4
115	55.6	45.8	68.8

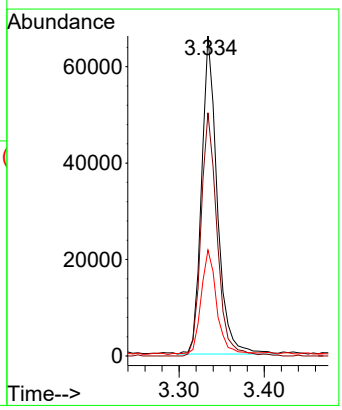


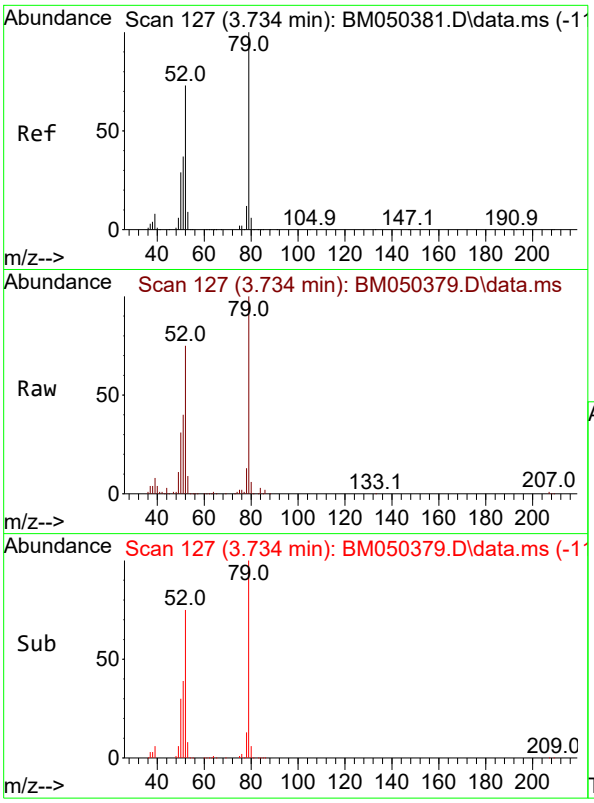


#2
1,4-Dioxane
Concen: 9.752 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 88 Resp: 84322

Ion	Ratio	Lower	Upper
88	100		
58	78.0	61.0	91.6
43	33.0	24.6	37.0



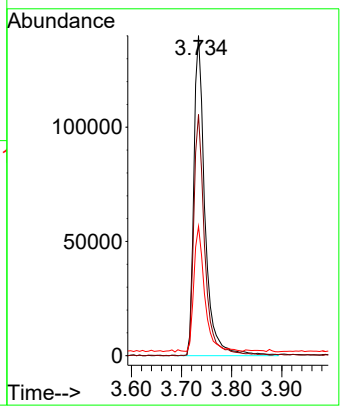


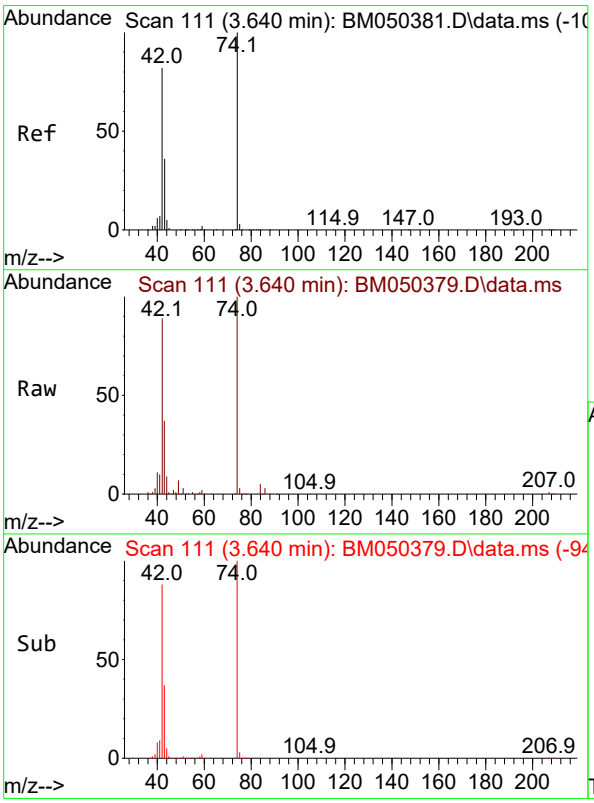
#3
Pyridine
Concen: 9.541 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 216596

Ion	Ratio	Lower	Upper
79	100		
52	75.4	58.3	87.5
51	40.4	29.6	44.4

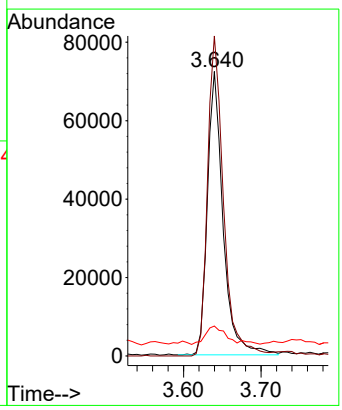


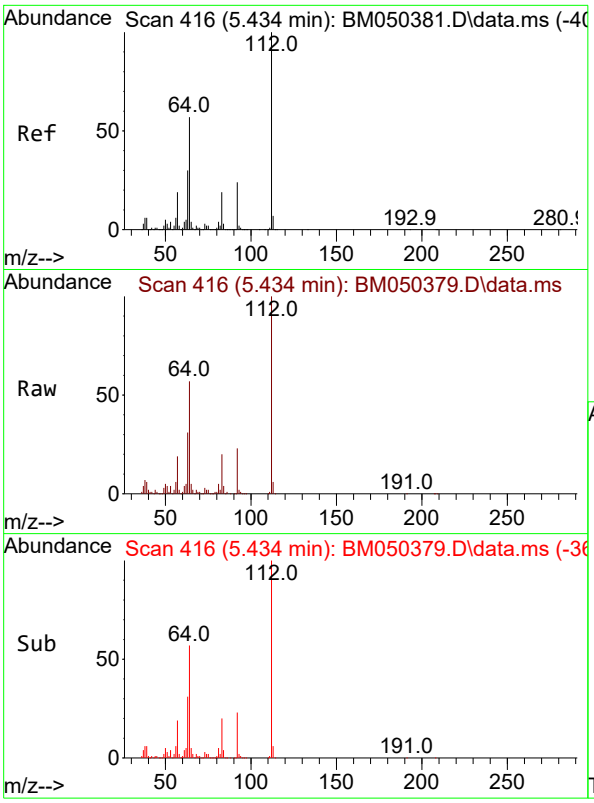


#4
n-Nitrosodimethylamine
Concen: 9.602 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 42 Resp: 101622

Ion	Ratio	Lower	Upper
42	100		
74	112.5	97.5	146.3
44	10.5	5.7	8.5#



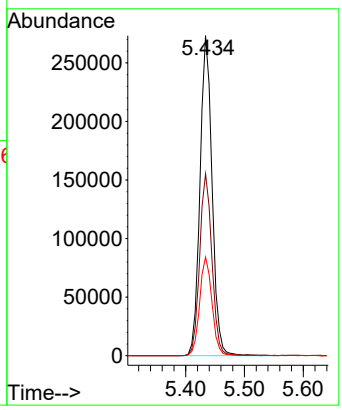


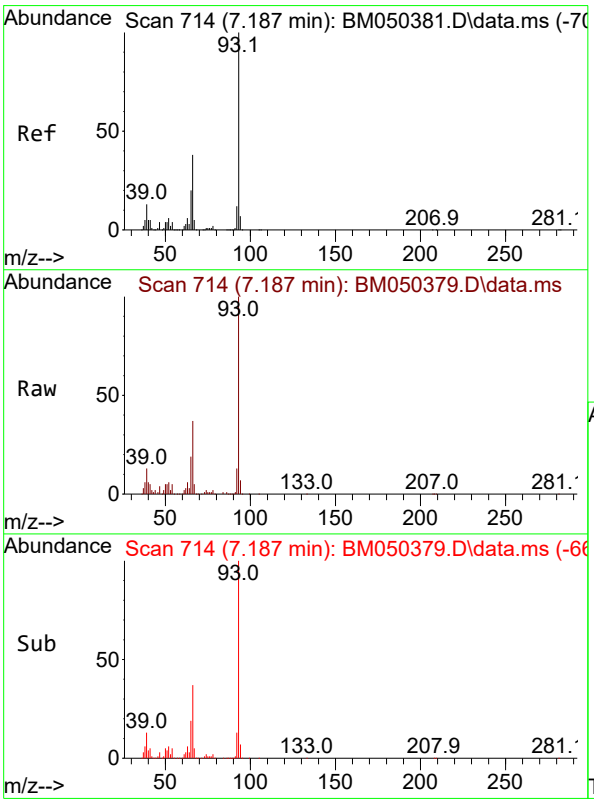
#5
2-Fluorophenol
Concen: 18.566 ng
RT: 5.434 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 390415

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.8	24.2	36.4

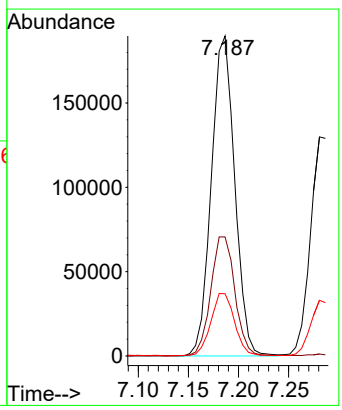


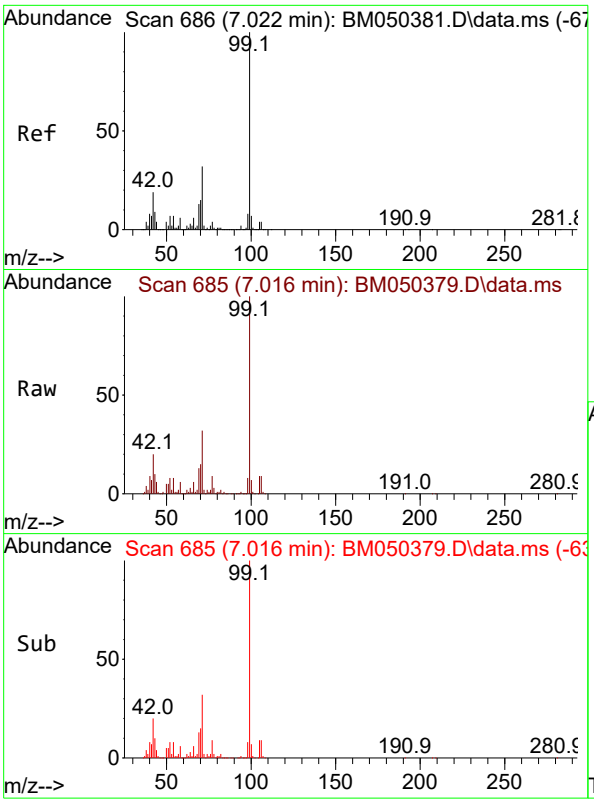


#6
Aniline
Concen: 9.054 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 308012

Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.5	45.7
65	19.5	15.9	23.9



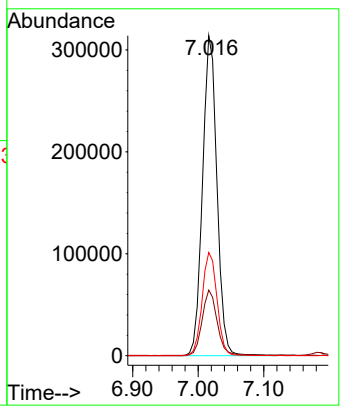


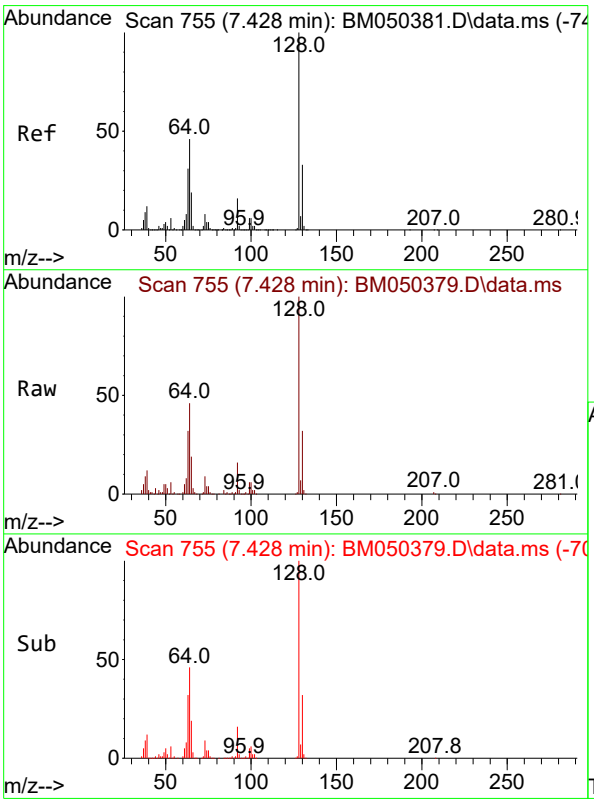
#7
Phenol-d6
Concen: 18.122 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 480384

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.0	22.6
71	32.2	25.9	38.9

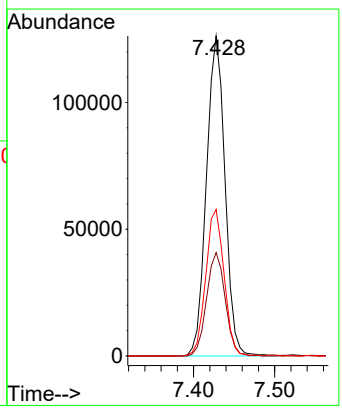


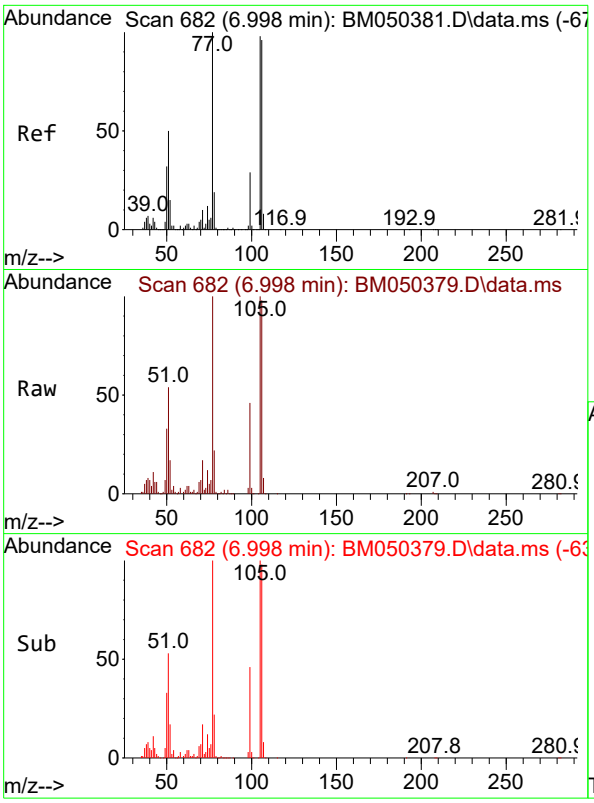


#8
2-Chlorophenol
Concen: 9.022 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:128 Resp: 200037

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	45.8	25.6	65.6



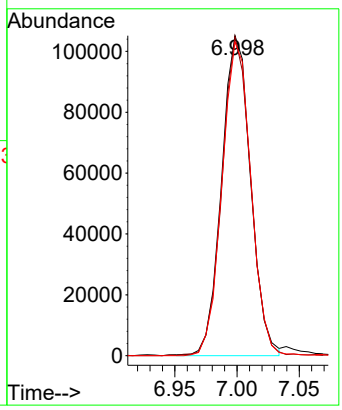


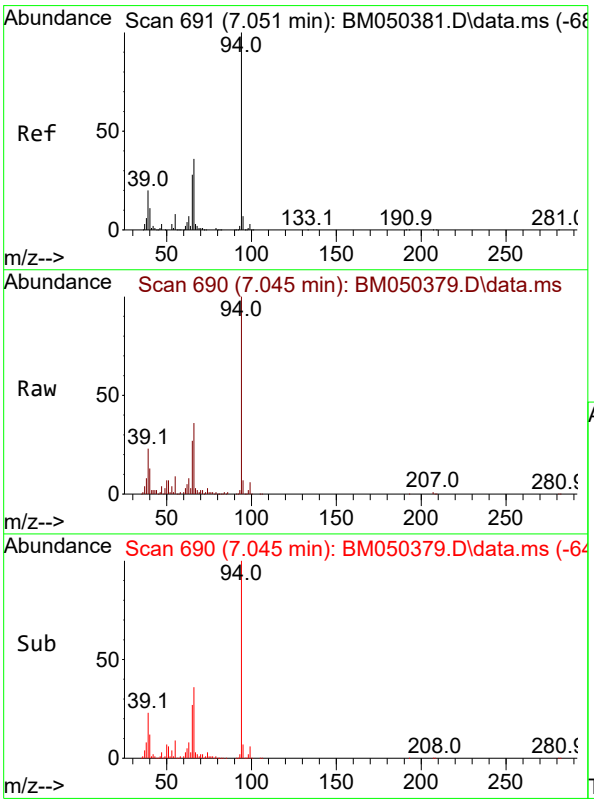
#9
Benzaldehyde
Concen: 10.835 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 170875

Ion	Ratio	Lower	Upper
77	100		
105	99.7	78.4	118.4
106	98.0	76.3	116.3

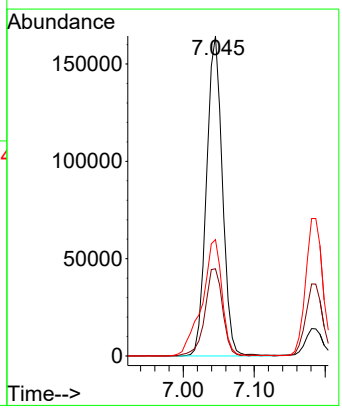


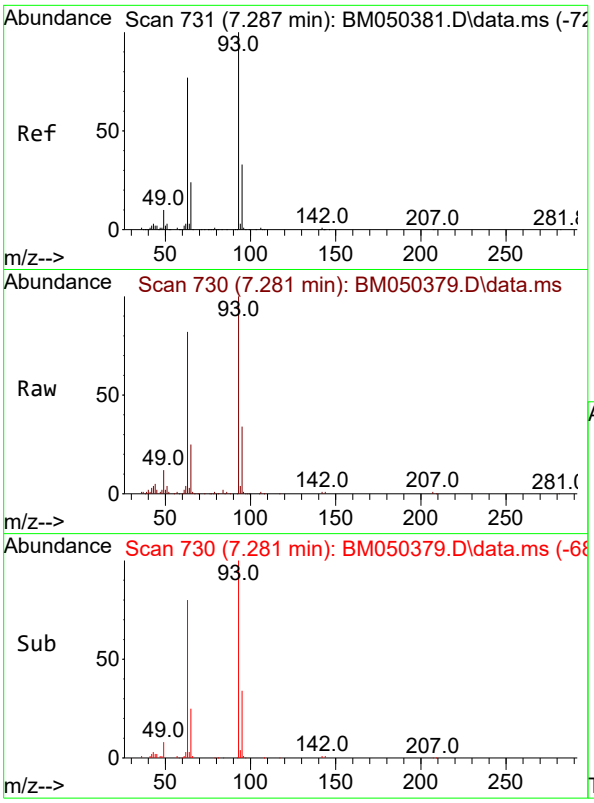


#10
Phenol
Concen: 9.242 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 94 Resp: 255531

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	36.4	15.8	55.8



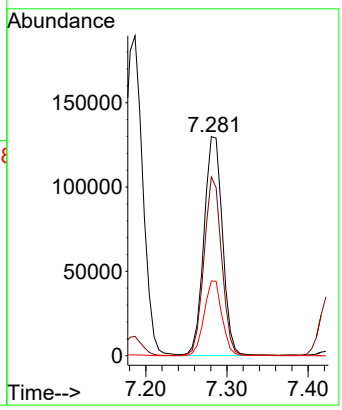


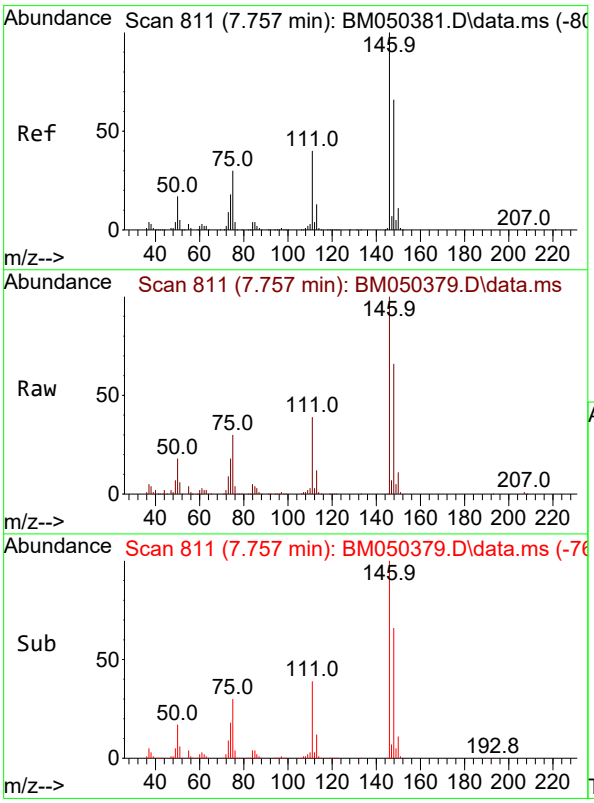
#11
bis(2-Chloroethyl)ether
Concen: 9.265 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 205153

Ion	Ratio	Lower	Upper
93	100		
63	81.6	56.9	96.9
95	34.1	12.6	52.6

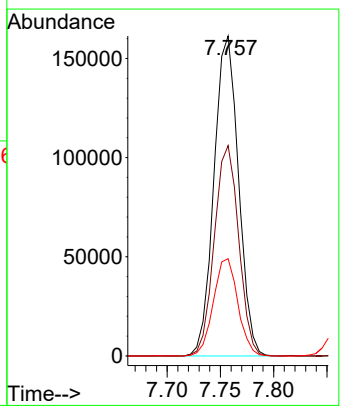


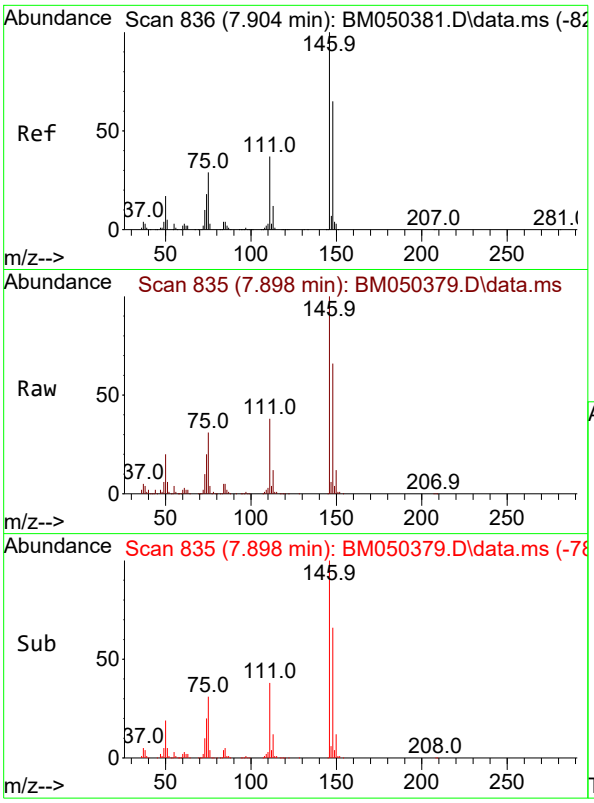


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 257848

Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.2	79.8
75	30.4	23.9	35.9



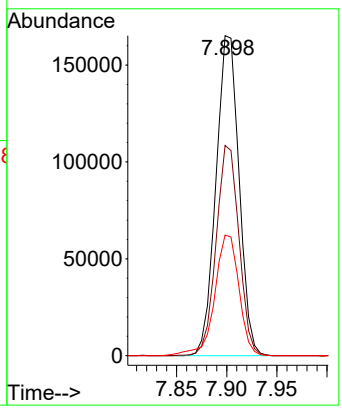


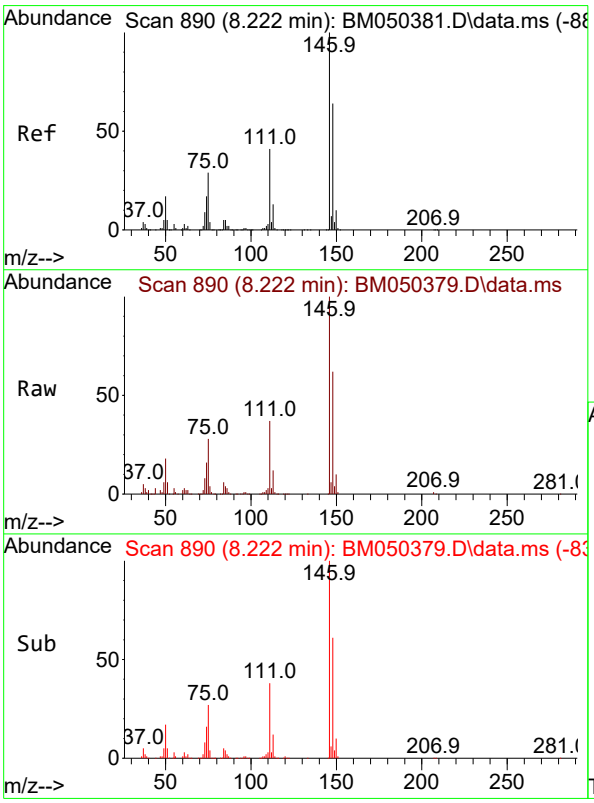
#13
1,4-Dichlorobenzene
Concen: 9.592 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 264062

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	37.7	30.0	45.0

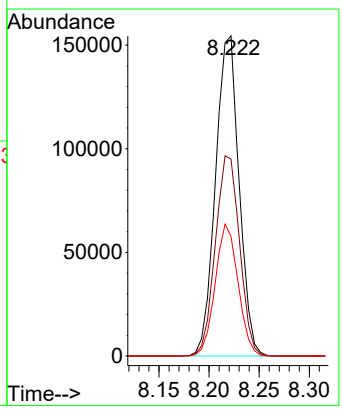


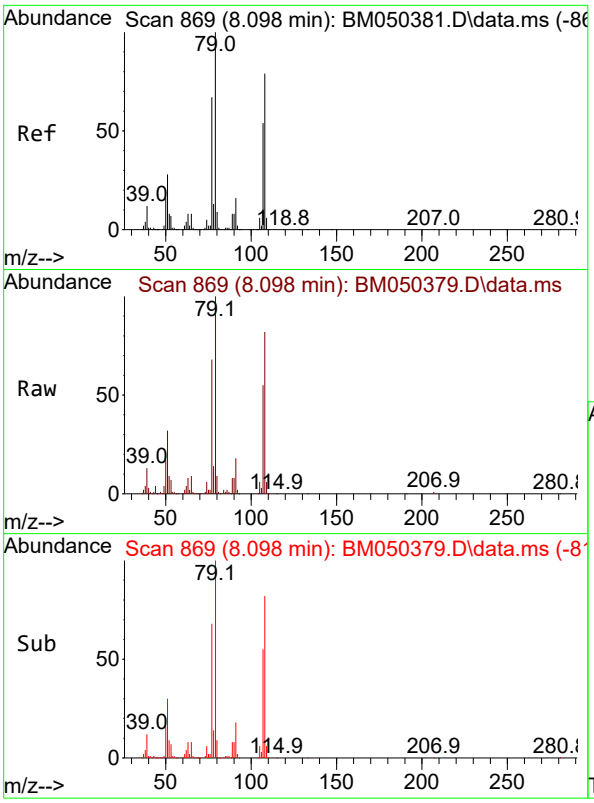


#14
1,2-Dichlorobenzene
Concen: 9.577 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 252415

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.5	77.3
111	37.4	32.6	49.0



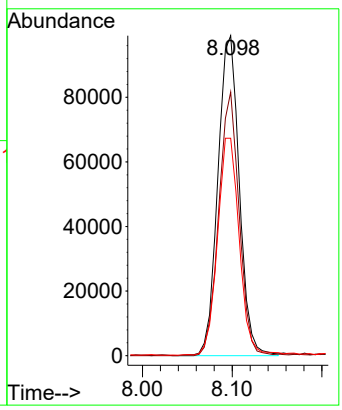


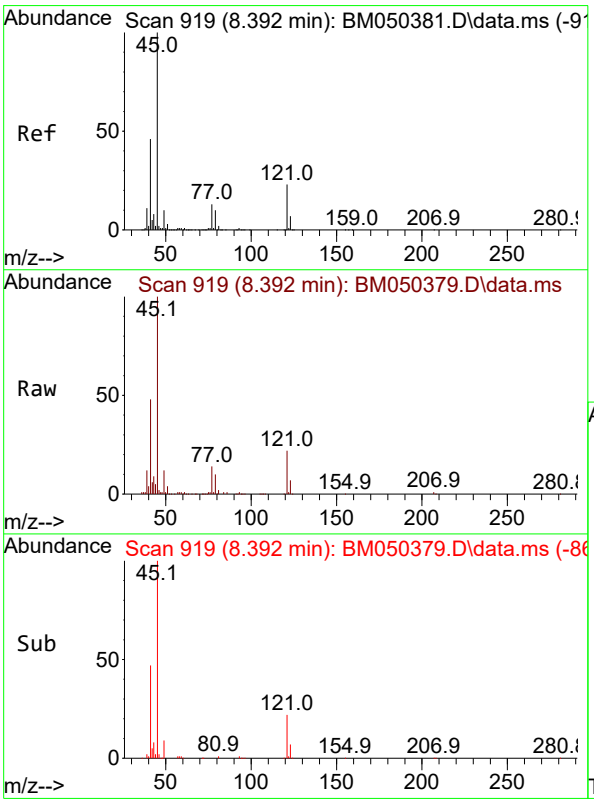
#15
Benzyl Alcohol
Concen: 8.790 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 164181

Ion	Ratio	Lower	Upper
79	100		
108	82.4	63.0	94.4
77	67.9	53.4	80.0

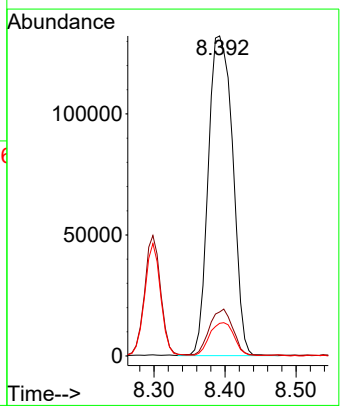


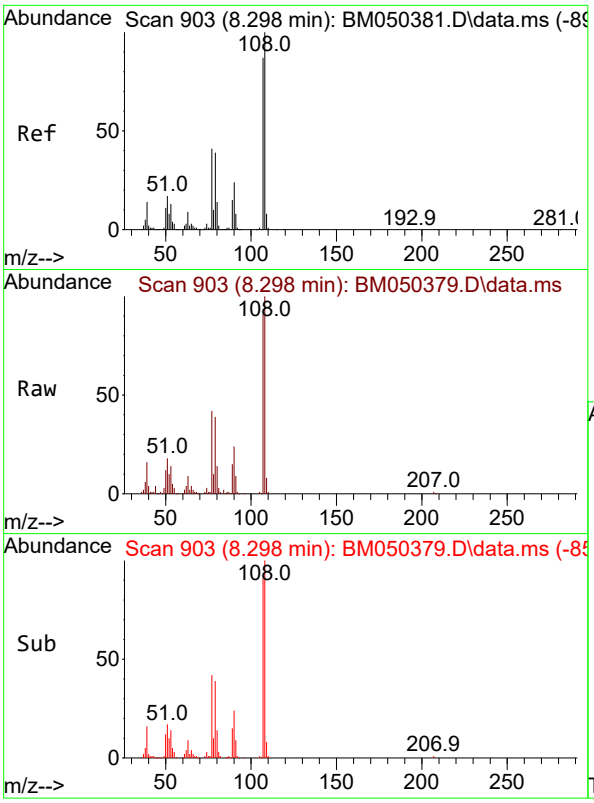


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.659 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 45 Resp: 315036

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.2	0.0	30.3



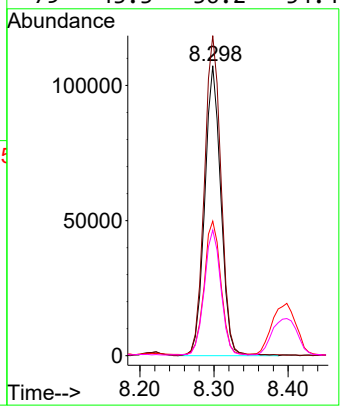


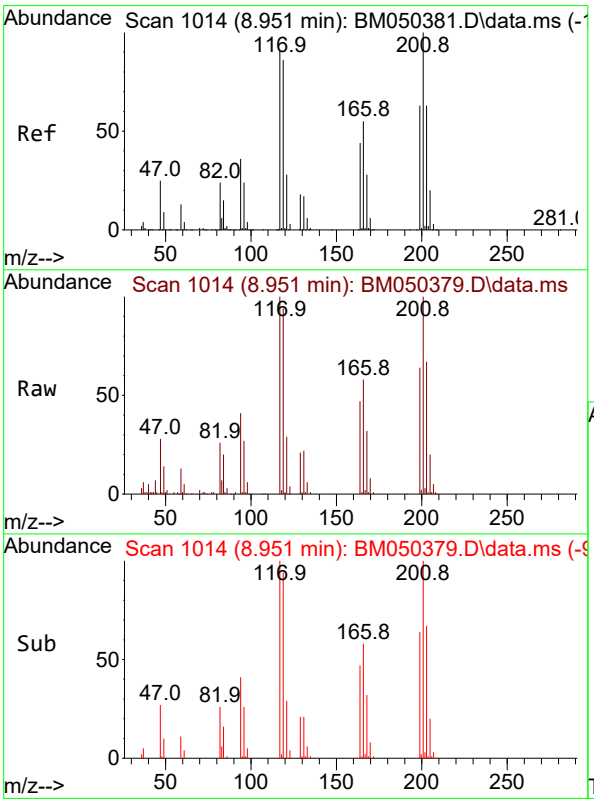
#17
2-Methylphenol
Concen: 9.067 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 162594

Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.1	138.1
77	46.4	38.2	57.4
79	43.3	36.2	54.4

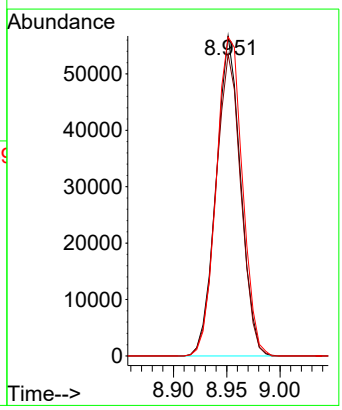


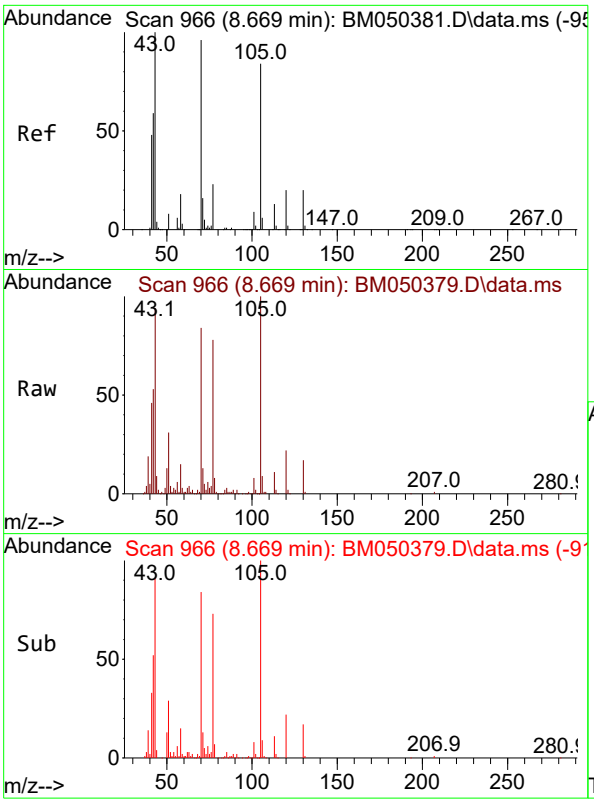


#18
Hexachloroethane
Concen: 9.370 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:117 Resp: 90719

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.6	113.4
201	99.7	87.9	131.9



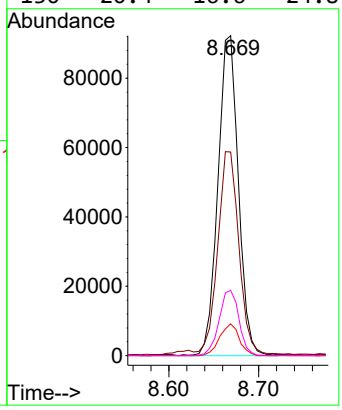


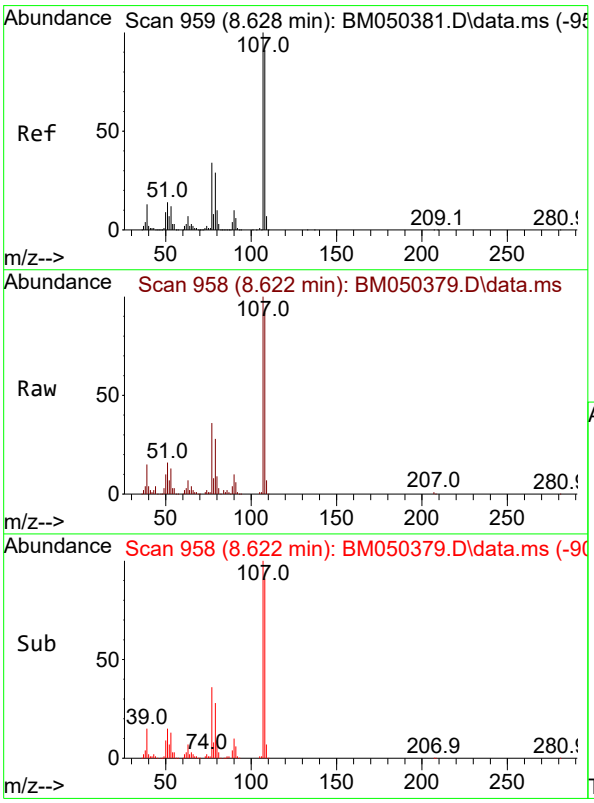
#19
n-Nitroso-di-n-propylamine
Concen: 9.106 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146225

Ion	Ratio	Lower	Upper
70	100		
42	63.7	49.7	74.5
101	10.0	7.7	11.5
130	20.4	16.6	24.8

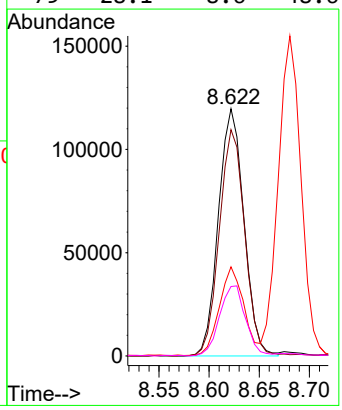


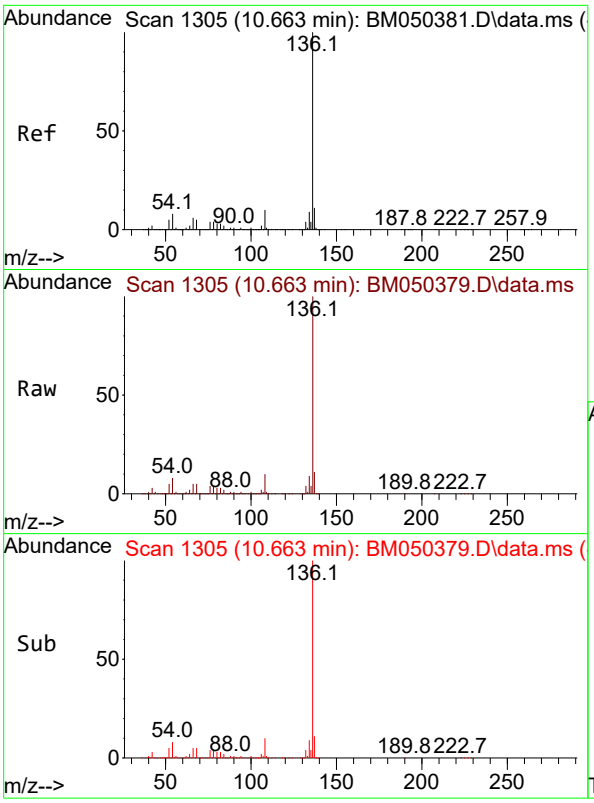


#20
3+4-Methylphenols
Concen: 8.798 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 211795

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	36.1	13.7	53.7
79	28.1	8.6	48.6



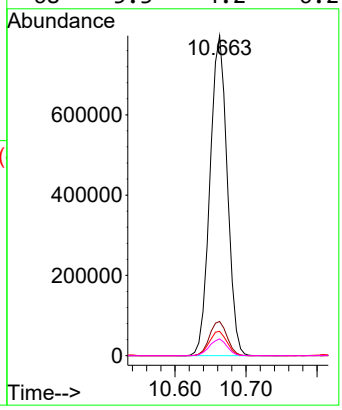


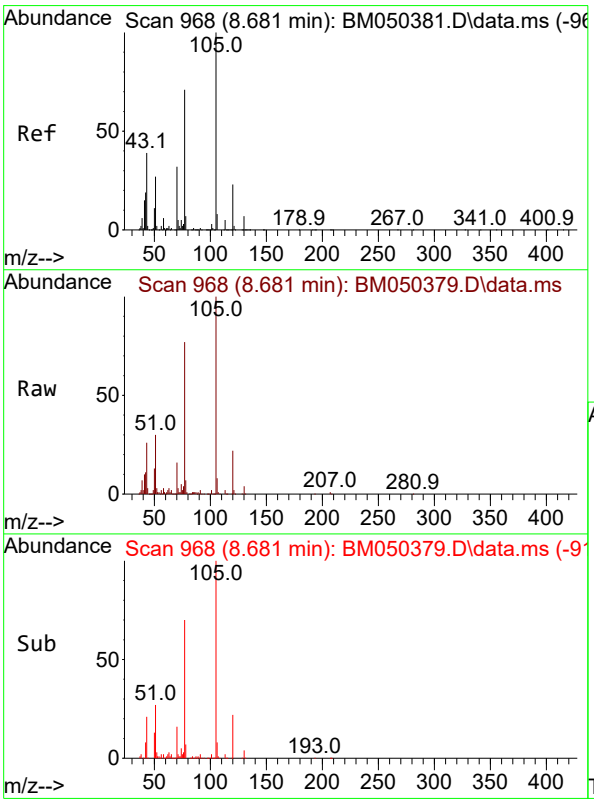
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1342132

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	6.3	9.5
68	5.3	4.2	6.2

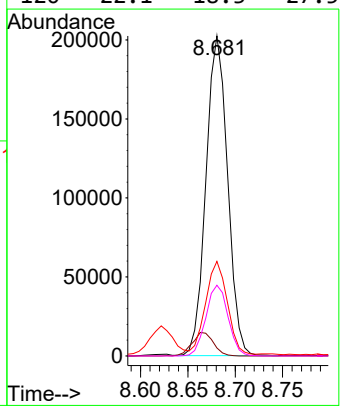


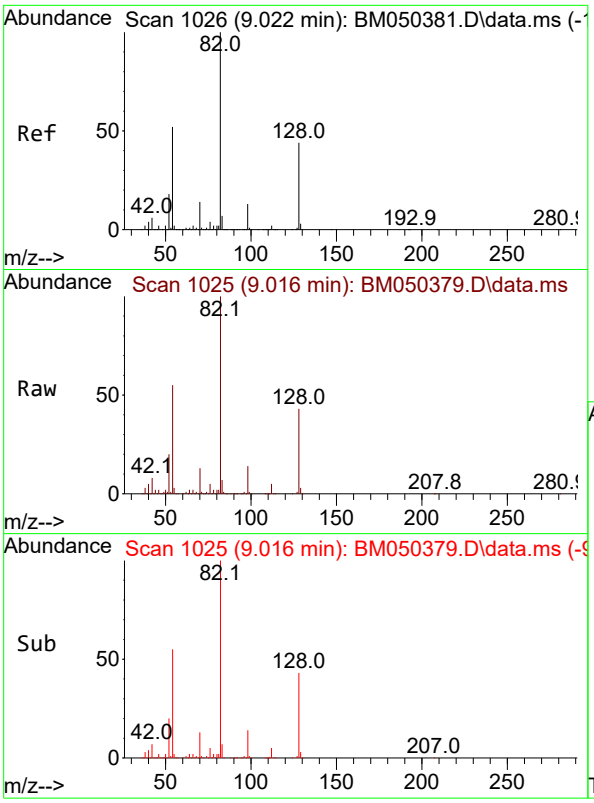


#22
Acetophenone
Concen: 9.576 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:105 Resp: 321333

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.4	6.6#
51	29.6	23.0	34.6
120	22.1	18.3	27.5



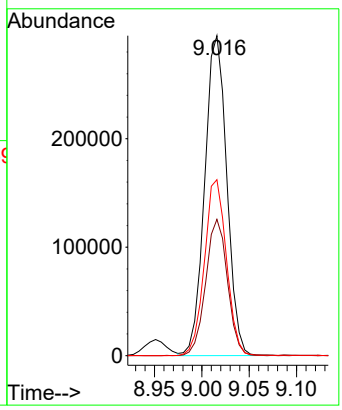


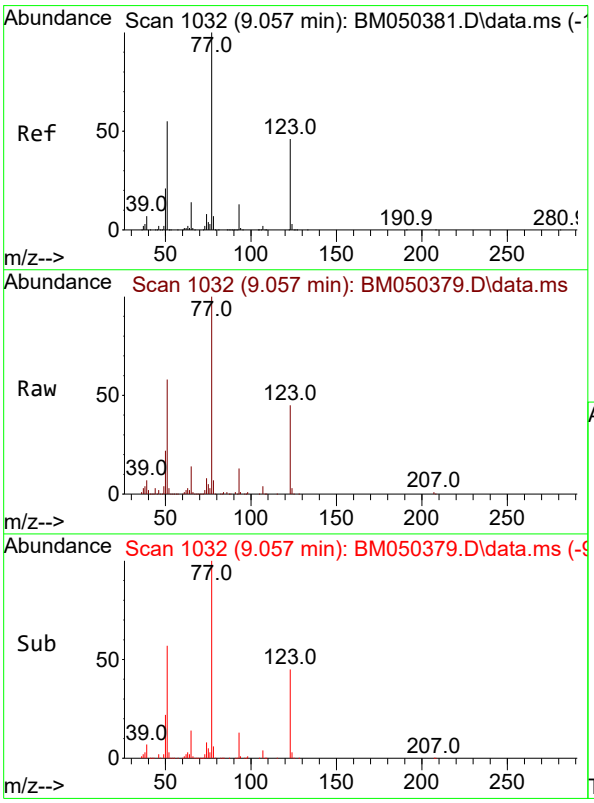
#23
Nitrobenzene-d5
Concen: 18.129 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 476926

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	55.0	41.5	62.3

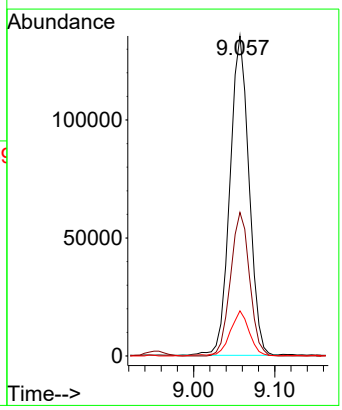


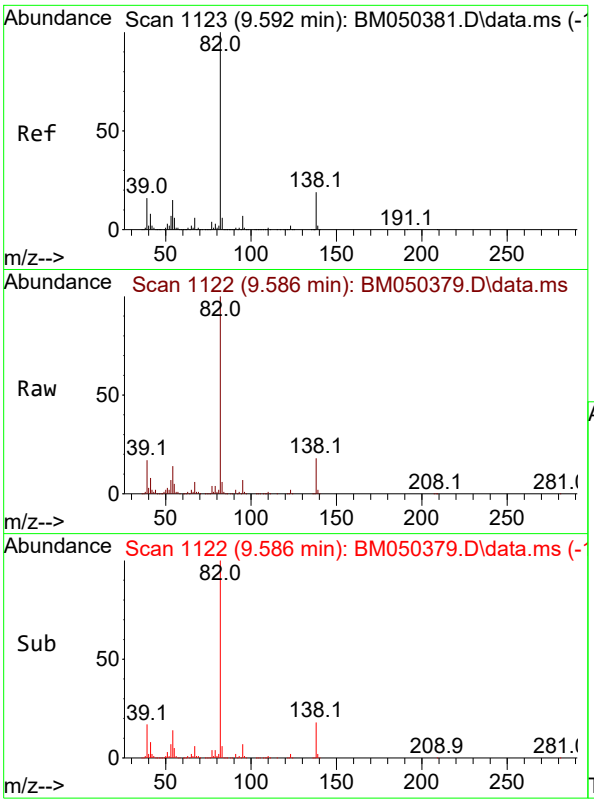


#24
Nitrobenzene
Concen: 9.408 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 77 Resp: 220849

Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.0	55.6
65	14.1	11.0	16.4



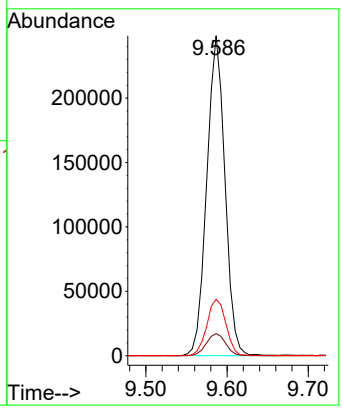


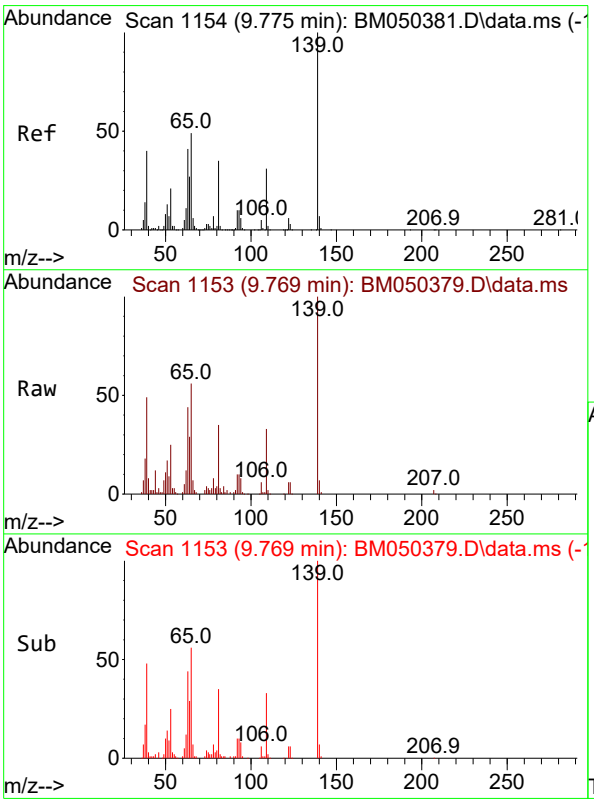
#25
Isophorone
Concen: 9.031 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 385498

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.6	15.3	22.9

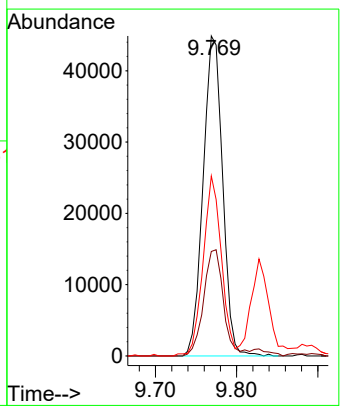


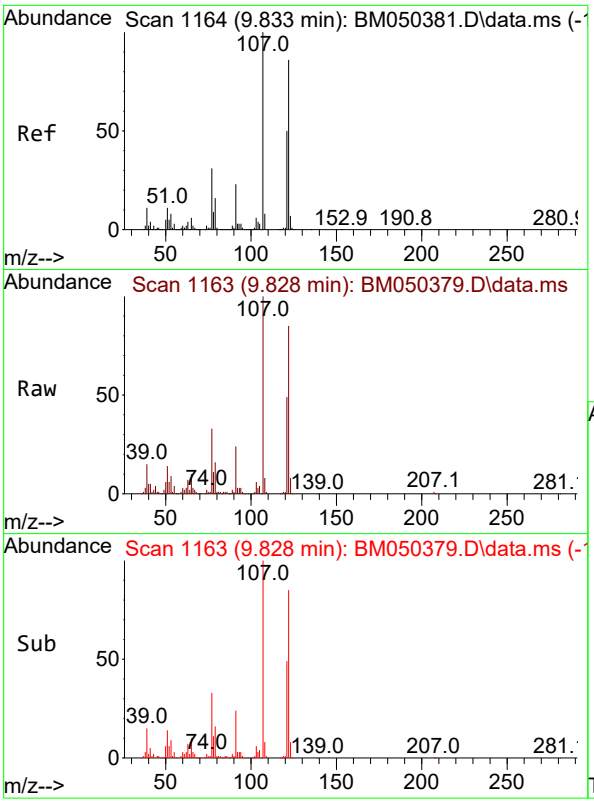


#26
2-Nitrophenol
Concen: 7.822 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 74836

Ion	Ratio	Lower	Upper
139	100		
109	32.6	24.6	36.8
65	56.3	39.2	58.8



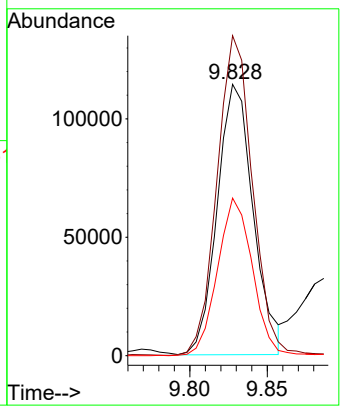


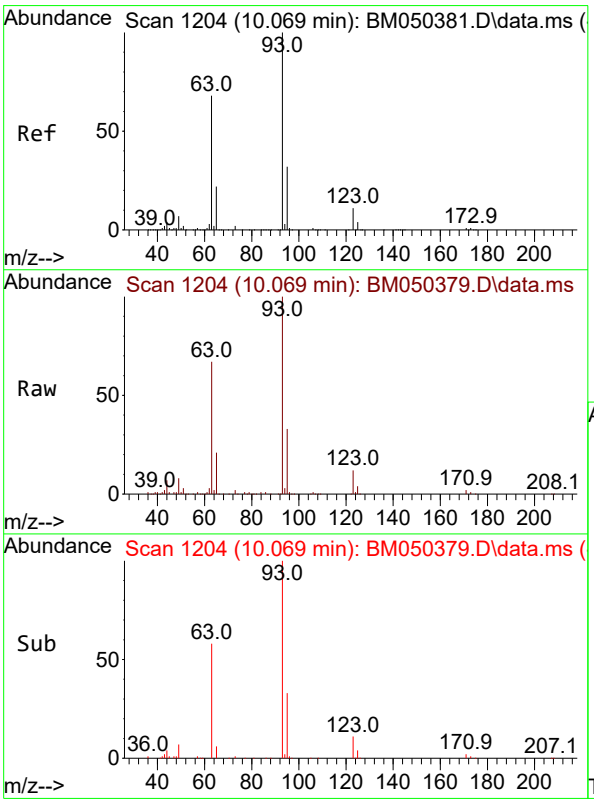
#27
2,4-Dimethylphenol
Concen: 9.073 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 184710

Ion	Ratio	Lower	Upper
122	100		
107	117.9	93.0	139.6
121	58.1	46.1	69.1

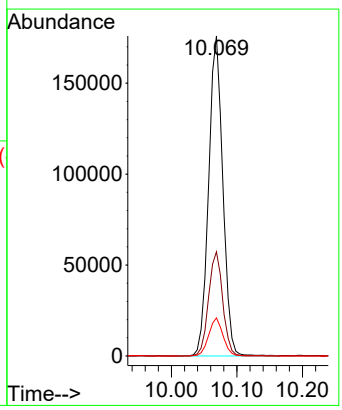


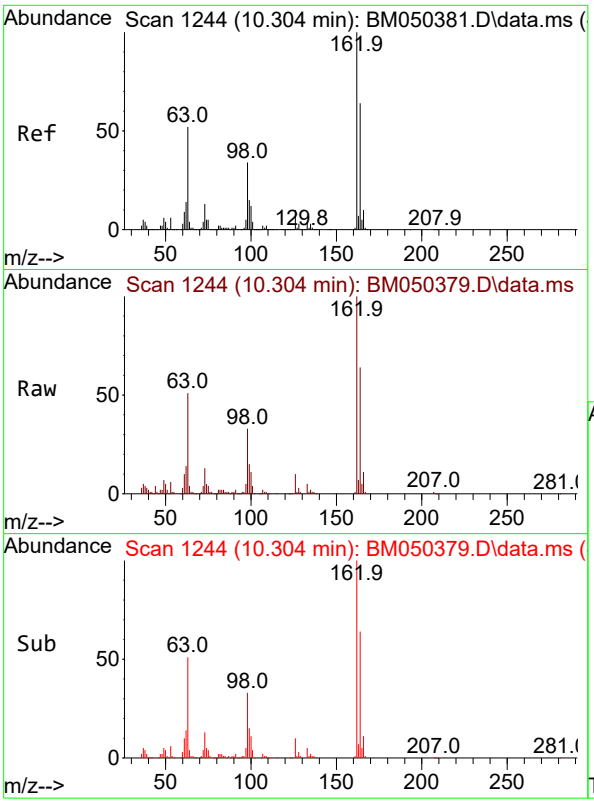


#28
bis(2-Chloroethoxy)methane
Concen: 9.361 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 264798

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.9	9.1	13.7



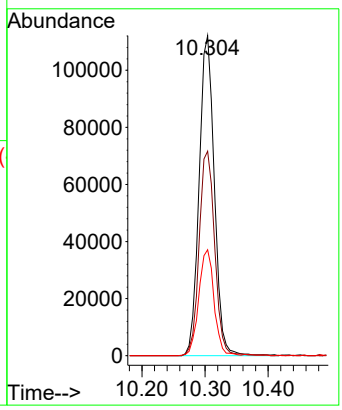


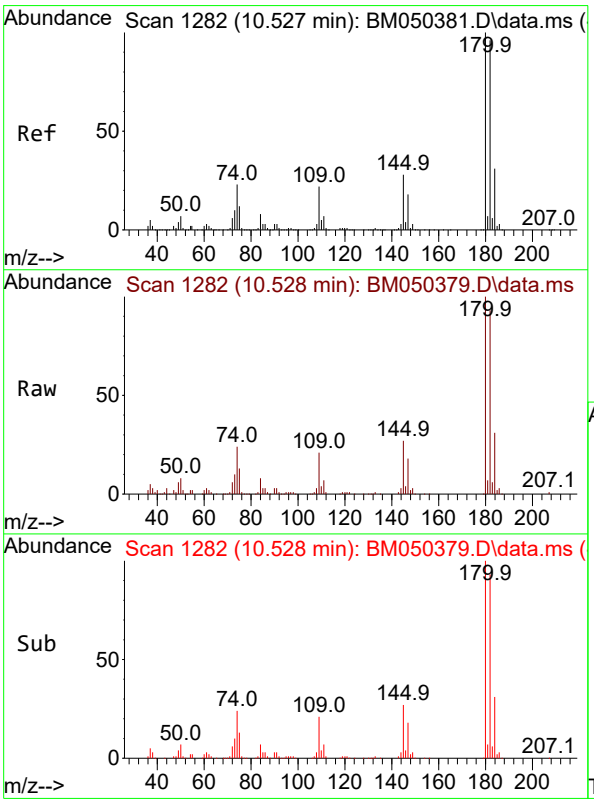
#29
2,4-Dichlorophenol
Concen: 8.961 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 187427

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	33.1	13.7	53.7

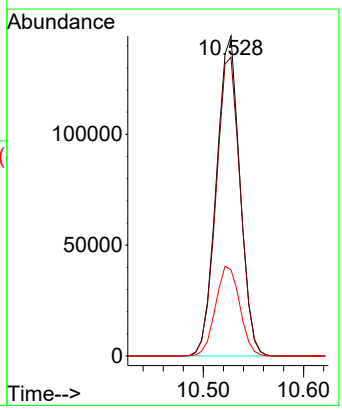


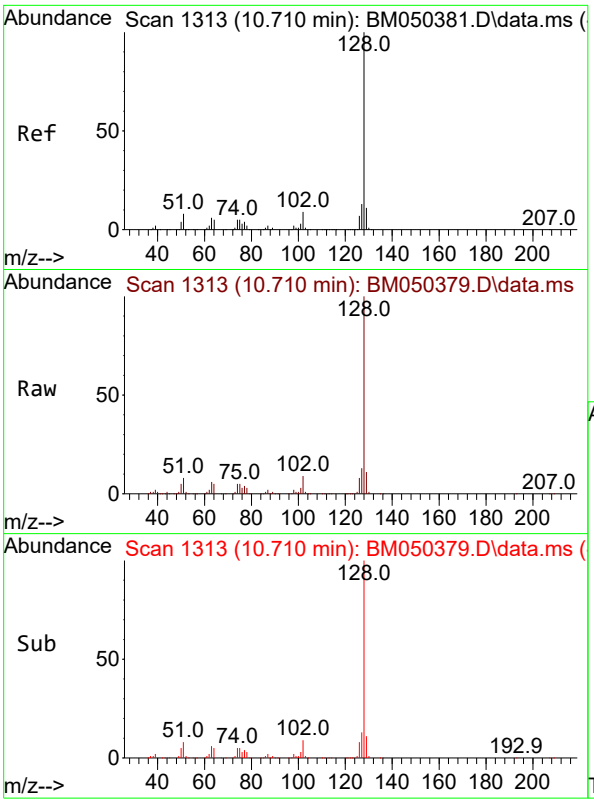


#30
1,2,4-Trichlorobenzene
Concen: 9.364 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:180 Resp: 234305

Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.8	115.2
145	27.0	22.6	33.8



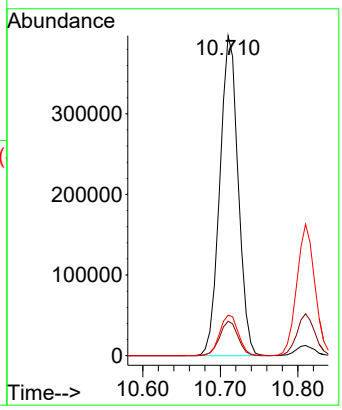


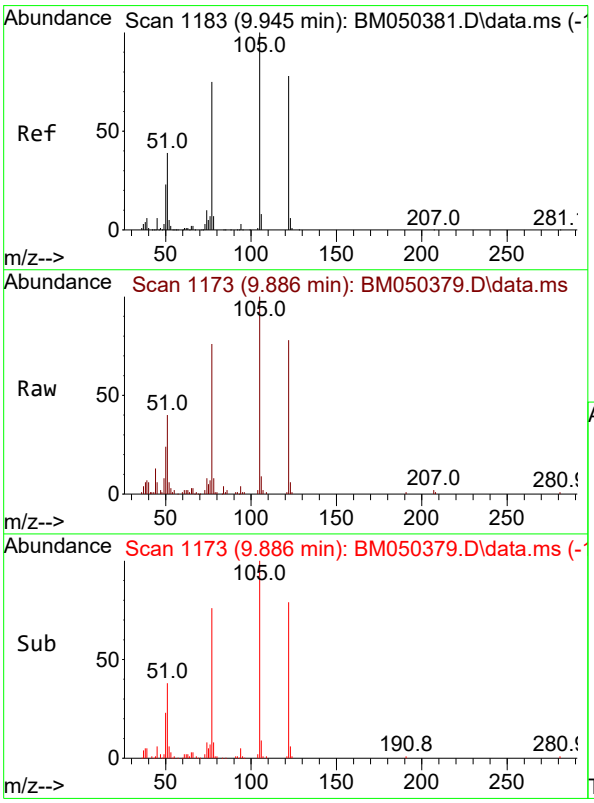
#31
Naphthalene
Concen: 9.593 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 653977

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.4	15.6

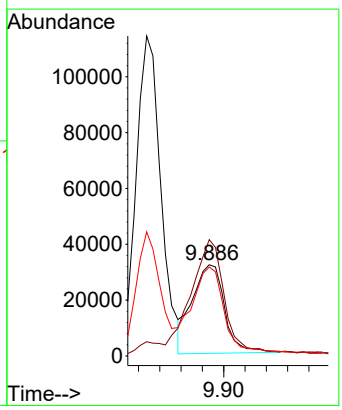


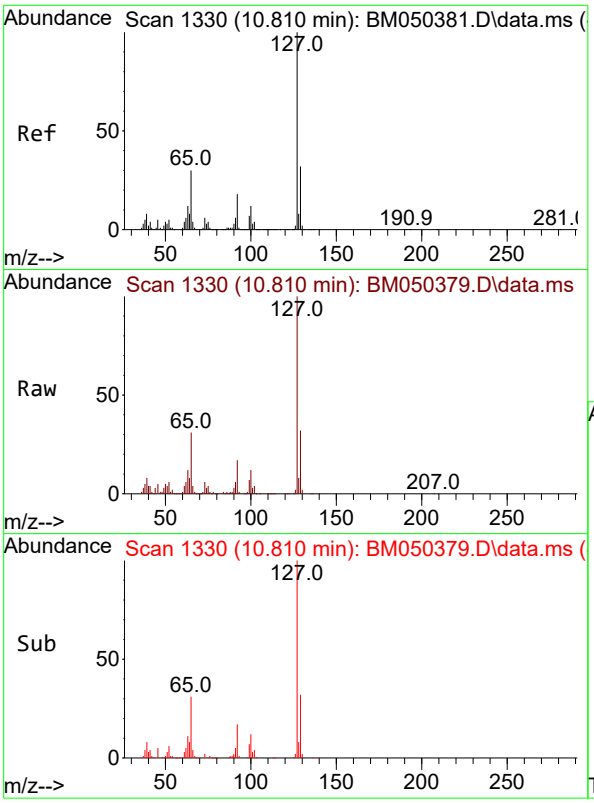


#32
Benzoic acid
Concen: 10.696 ng
RT: 9.886 min Scan# 1173
Delta R.T. -0.059 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:122 Resp: 67388

Ion	Ratio	Lower	Upper
122	100		
105	127.5	104.0	144.0
77	97.5	73.8	113.8



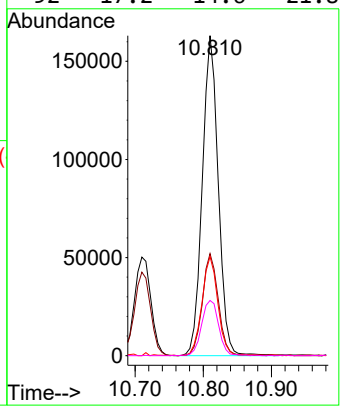


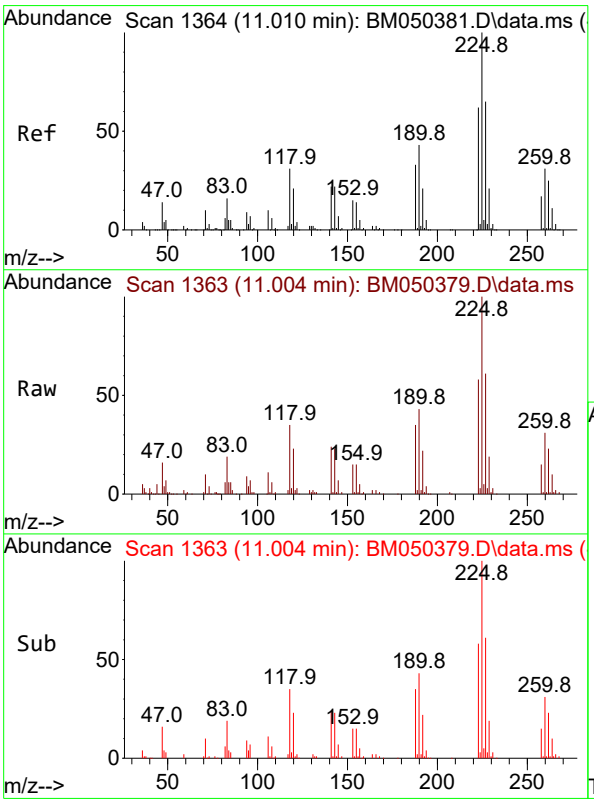
#33
4-Chloroaniline
Concen: 9.240 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 266307

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	31.0	23.9	35.9
92	17.2	14.6	21.8

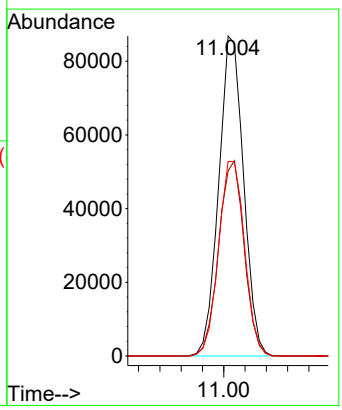


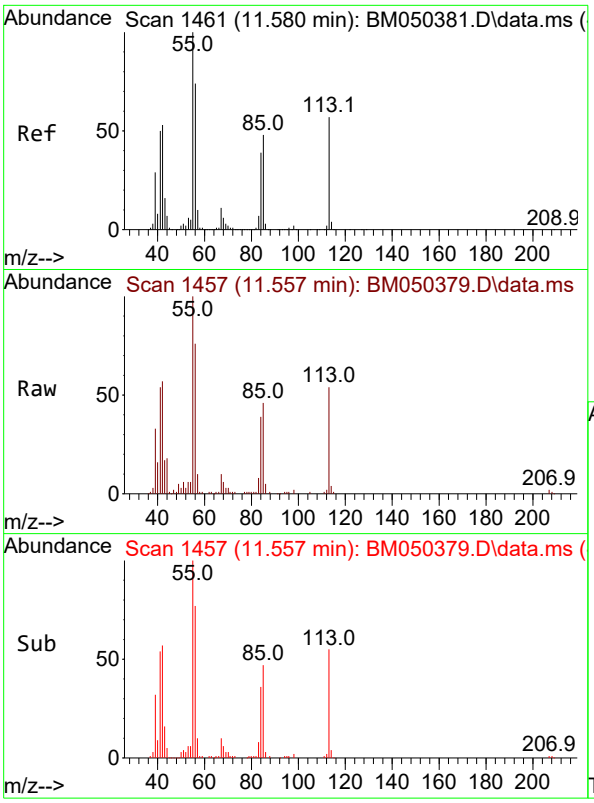


#34
Hexachlorobutadiene
Concen: 9.205 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:225 Resp: 140567

Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.7	74.5
227	60.8	52.1	78.1



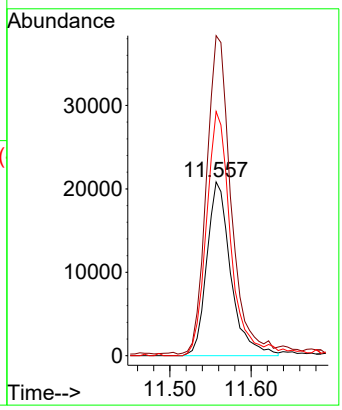


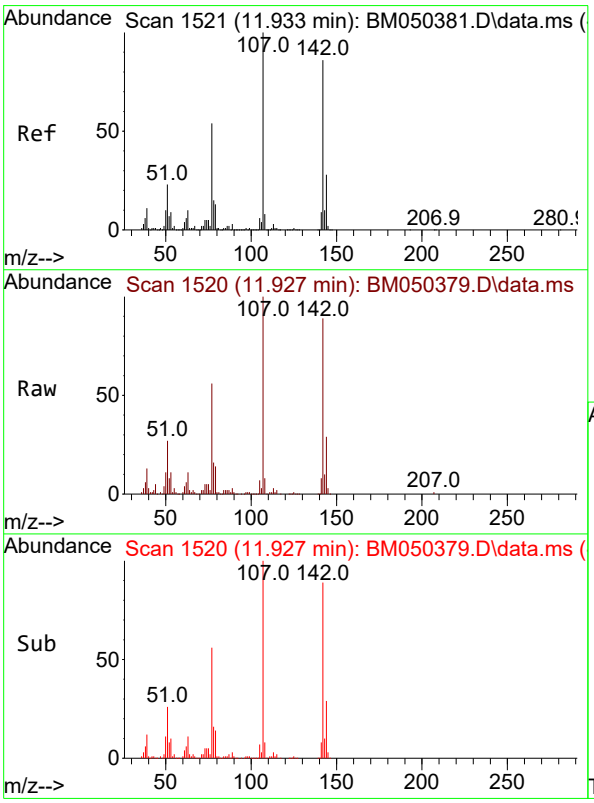
#35
Caprolactam
Concen: 7.474 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.023 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 42675

Ion	Ratio	Lower	Upper
113	100		
55	184.1	157.2	197.2
56	140.5	111.7	151.7

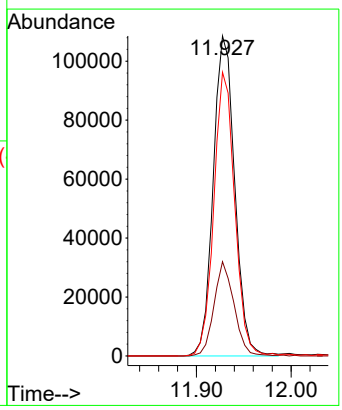


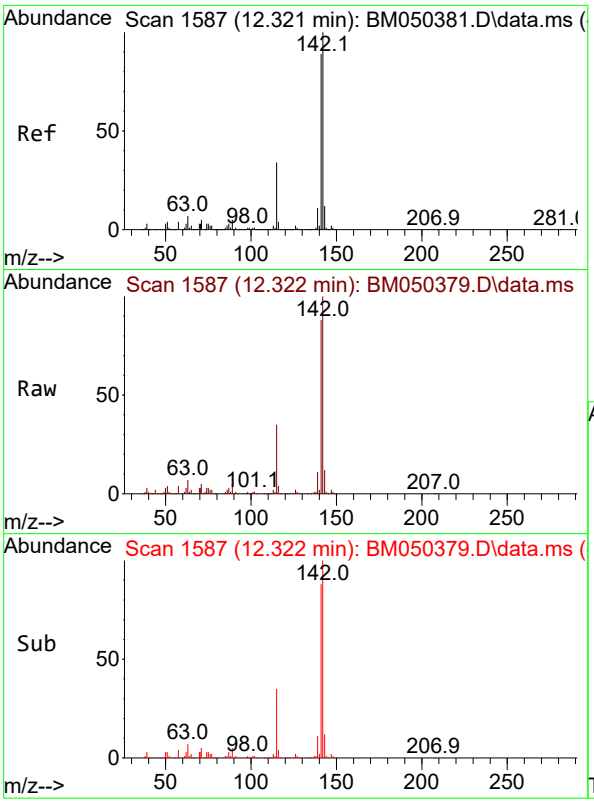


#36
4-Chloro-3-methylphenol
Concen: 8.781 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 171511

Ion	Ratio	Lower	Upper
107	100		
144	29.5	22.2	33.4
142	88.7	68.7	103.1



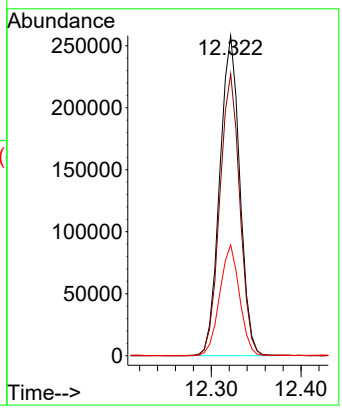


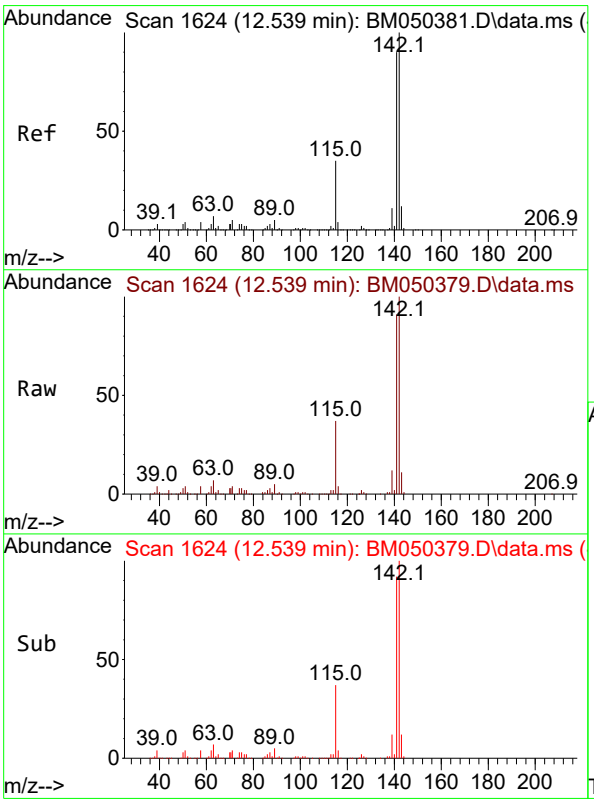
#37
2-Methylnaphthalene
Concen: 9.283 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 399569

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	34.6	27.0	40.4

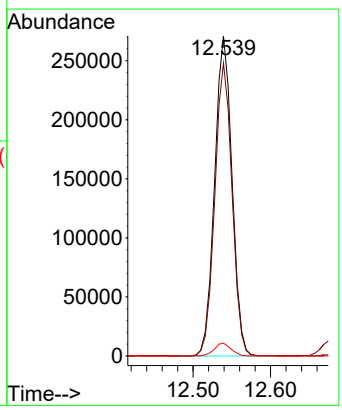


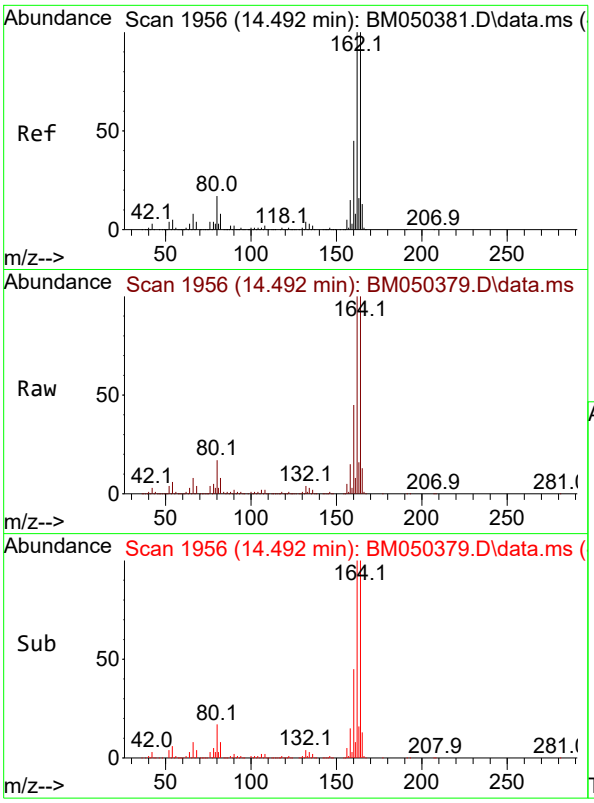


#38
1-Methylnaphthalene
Concen: 9.267 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:142 Resp: 422148

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	4.0	3.0	4.6



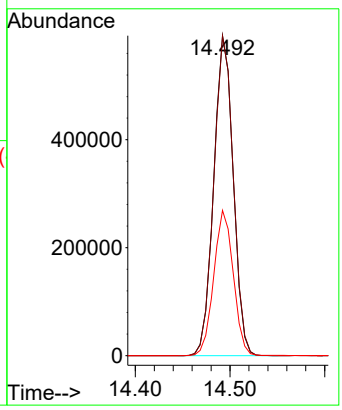


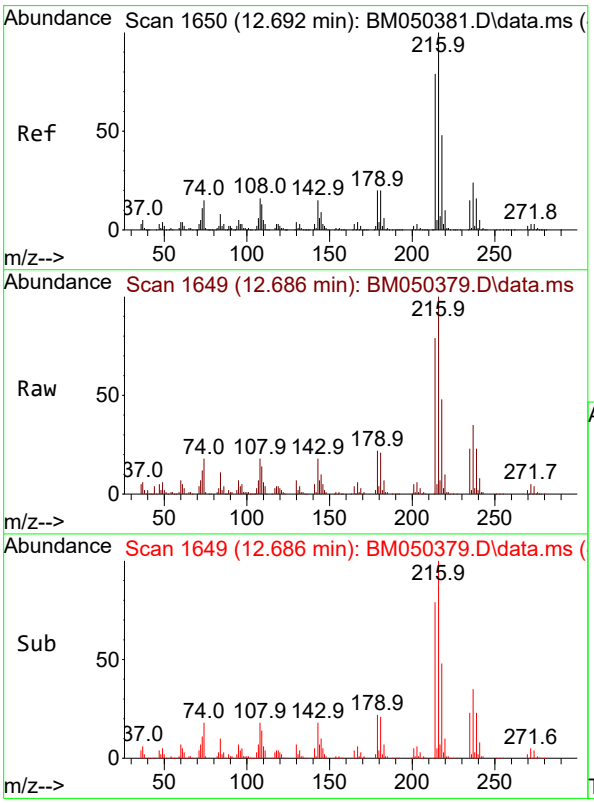
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 846249

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	45.4	36.2	54.4

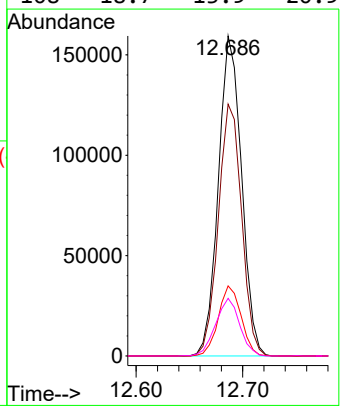


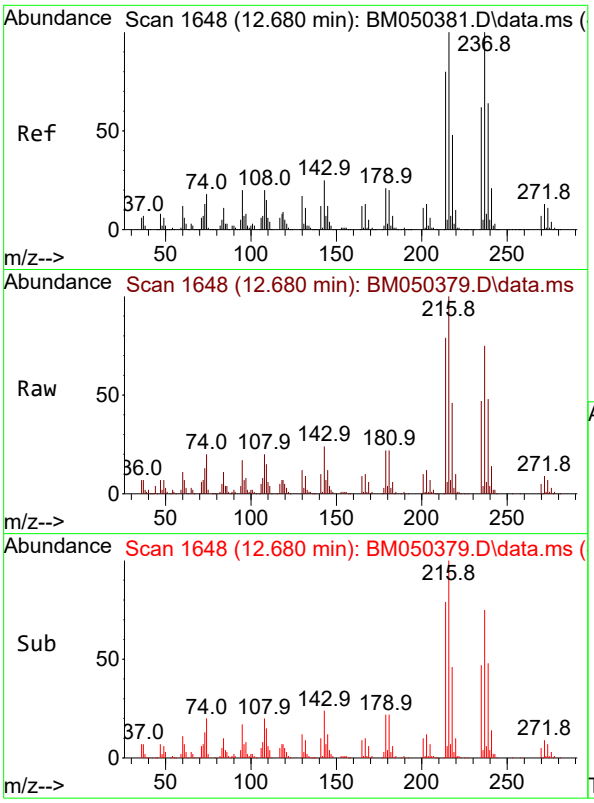


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.952 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:216 Resp: 240904

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.5	16.4	24.6
108	18.7	13.9	20.9



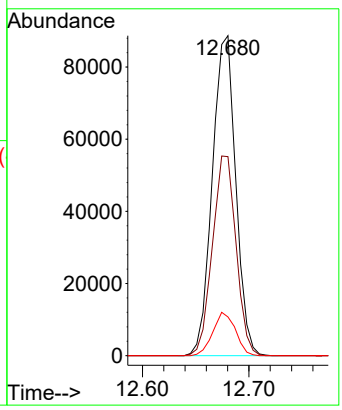


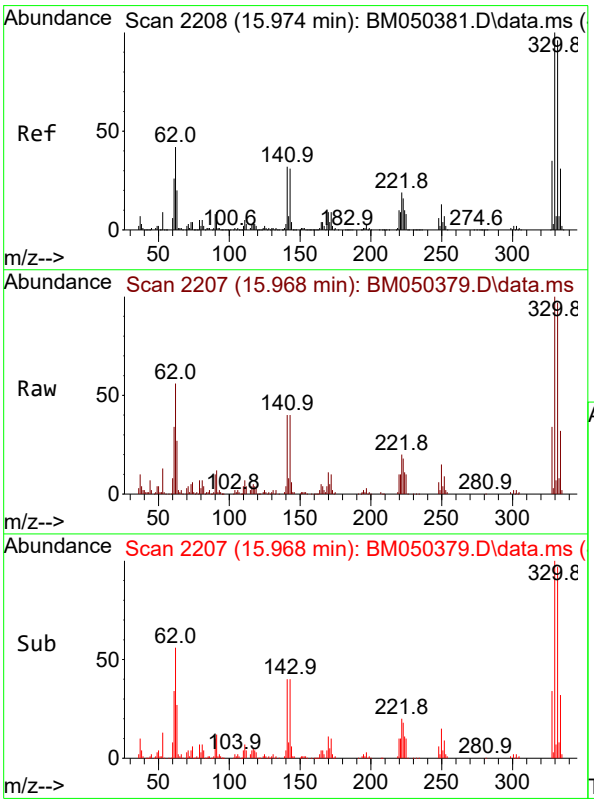
#41
Hexachlorocyclopentadiene
Concen: 7.881 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 135571

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.3	82.3
272	12.1	0.0	33.0

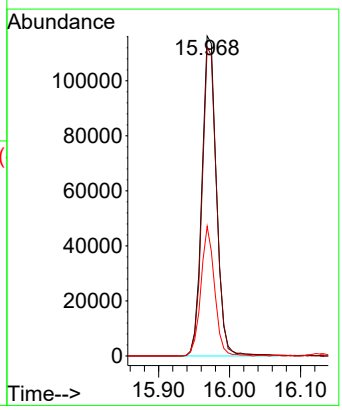


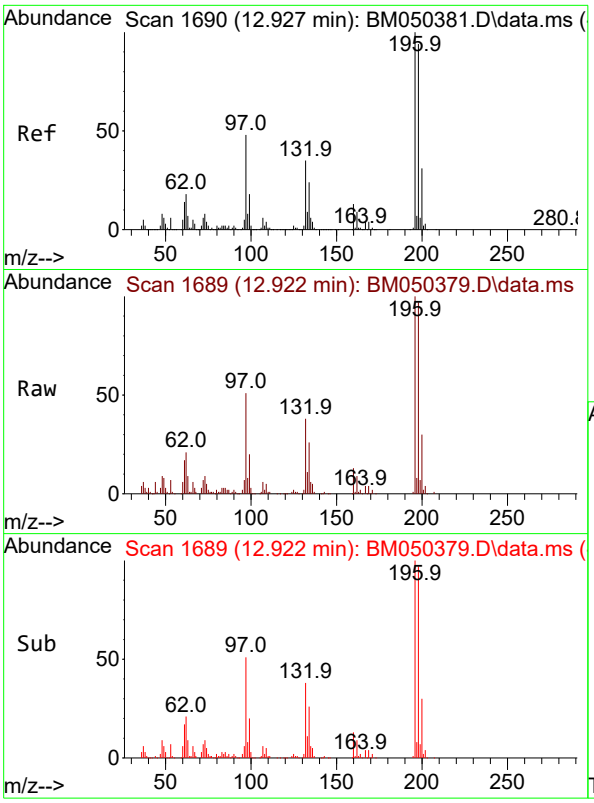


#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:330 Resp: 165401

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	38.3	27.4	41.0



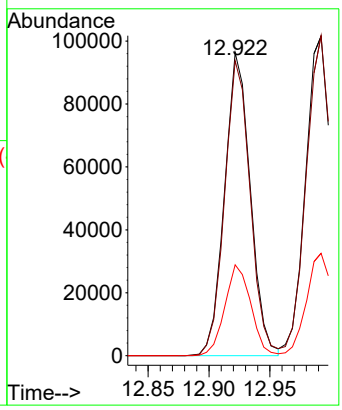


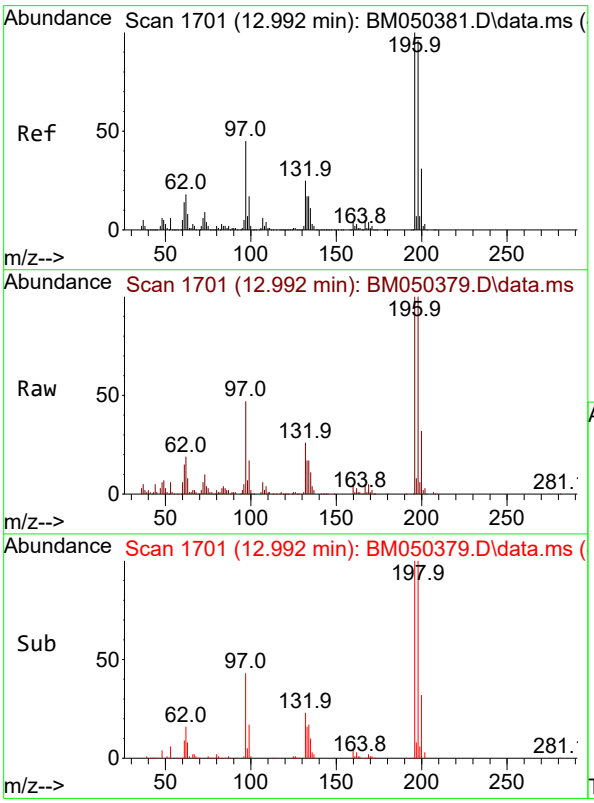
#43
2,4,6-Trichlorophenol
Concen: 8.560 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 141791

Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.1	112.7
200	30.0	24.6	37.0

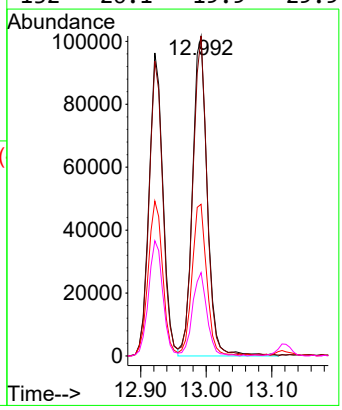


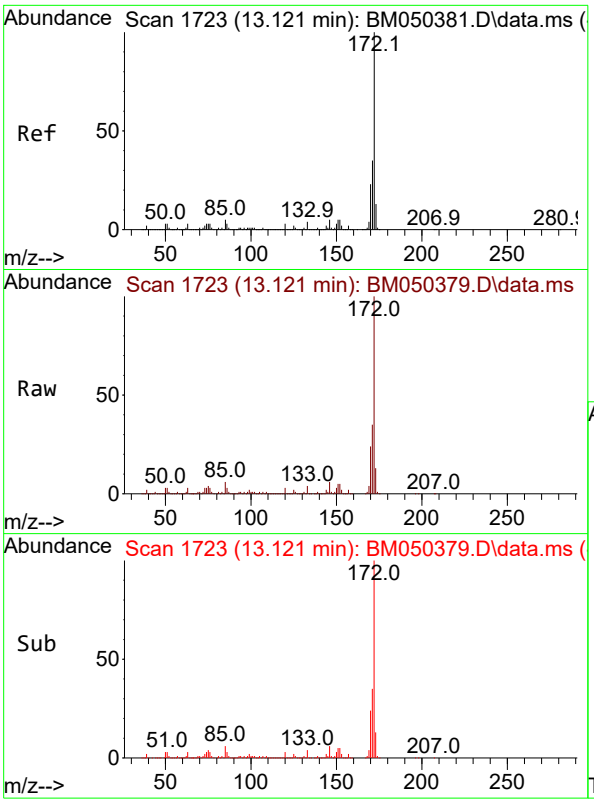


#44
2,4,5-Trichlorophenol
Concen: 8.792 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:196 Resp: 159049

Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.2	115.8
97	47.5	36.2	54.4
132	26.1	19.9	29.9



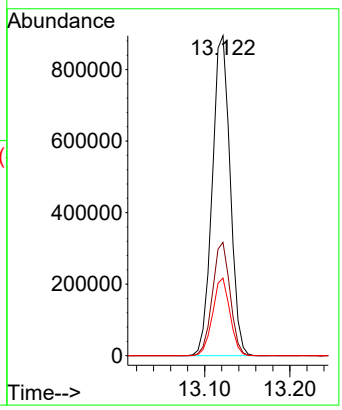


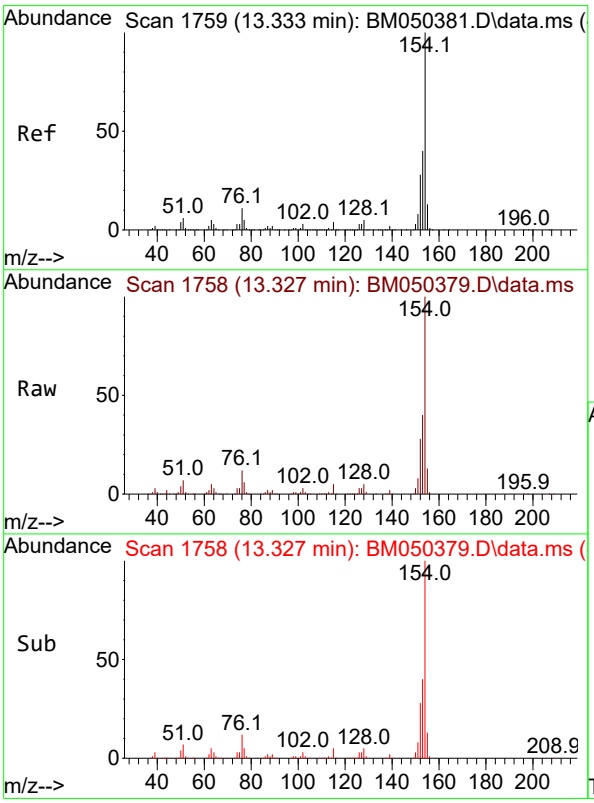
#45
2-Fluorobiphenyl
Concen: 18.996 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1301714

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	24.3	18.8	28.2

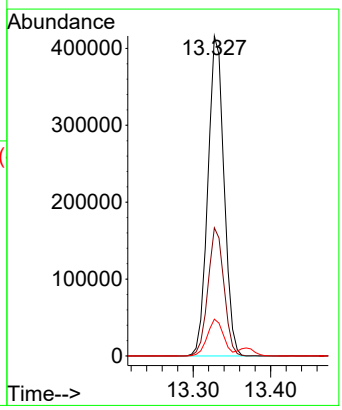


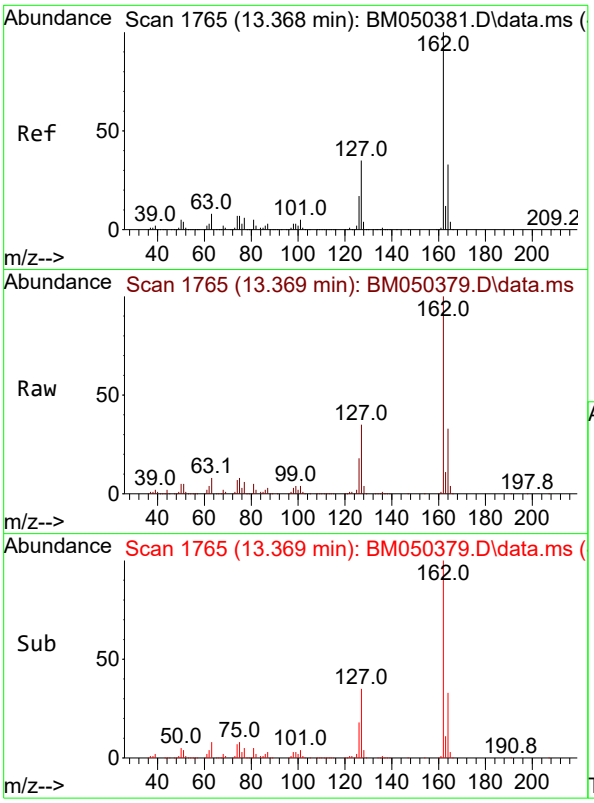


#46
1,1'-Biphenyl
Concen: 9.562 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 600373

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.7	59.7
76	11.5	0.0	30.9



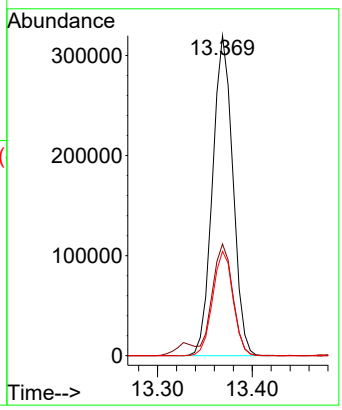


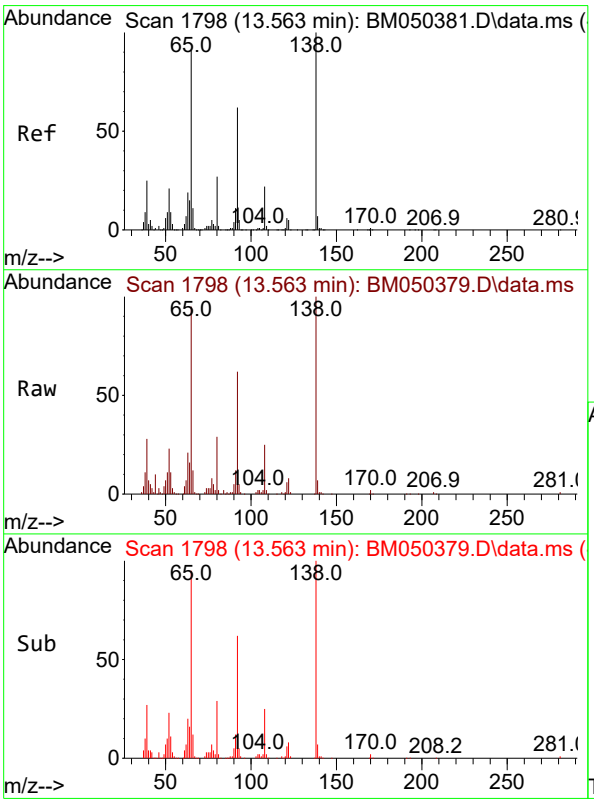
#47
2-Chloronaphthalene
Concen: 9.519 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 476534

Ion	Ratio	Lower	Upper
162	100		
127	34.9	28.3	42.5
164	32.6	26.6	40.0

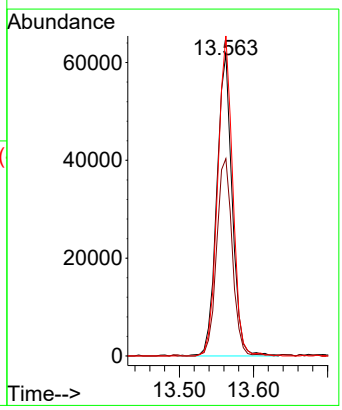


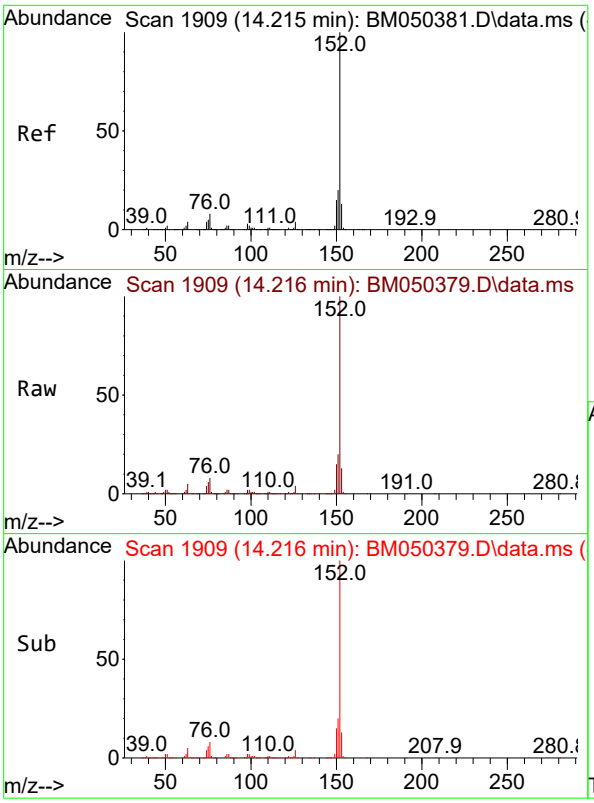


#48
2-Nitroaniline
Concen: 7.982 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 65 Resp: 89190

Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.3	81.5
138	105.8	87.8	131.6



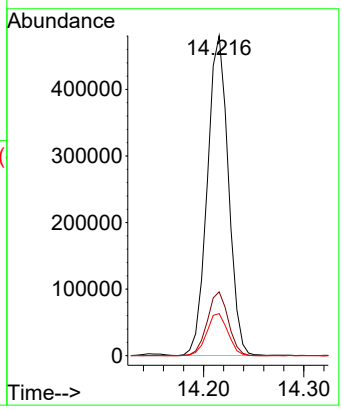


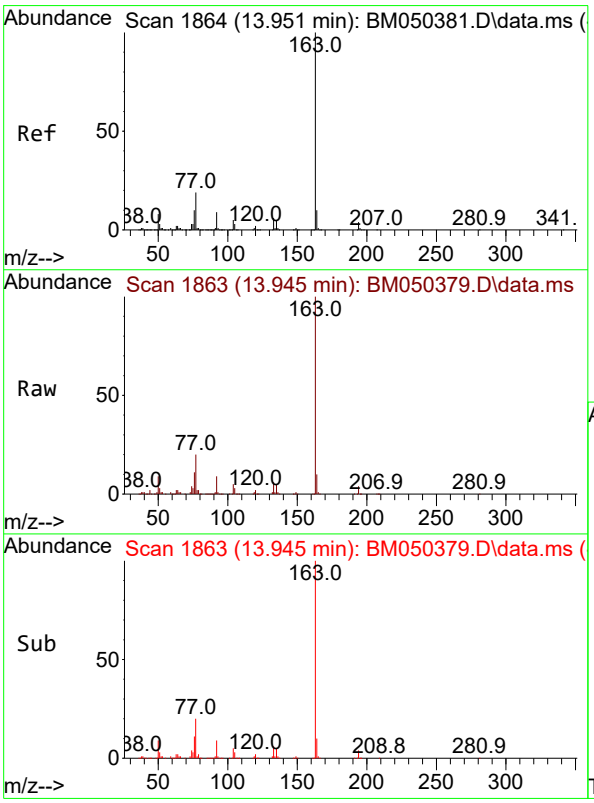
#49
Acenaphthylene
Concen: 9.273 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 701534

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.2	10.6	15.8

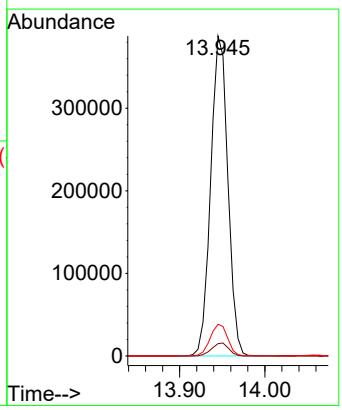


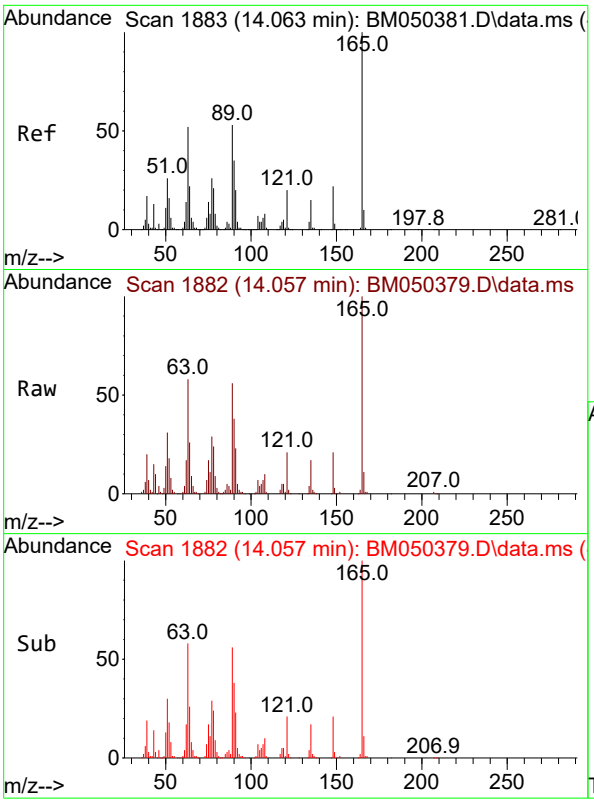


#50
Dimethylphthalate
Concen: 9.331 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:163 Resp: 543665

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.9	8.2	12.2



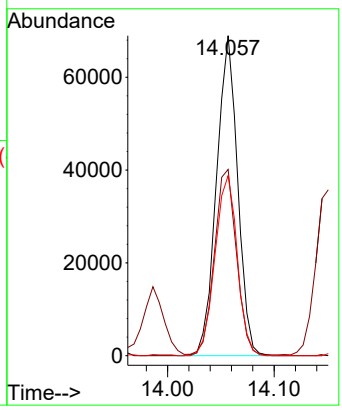


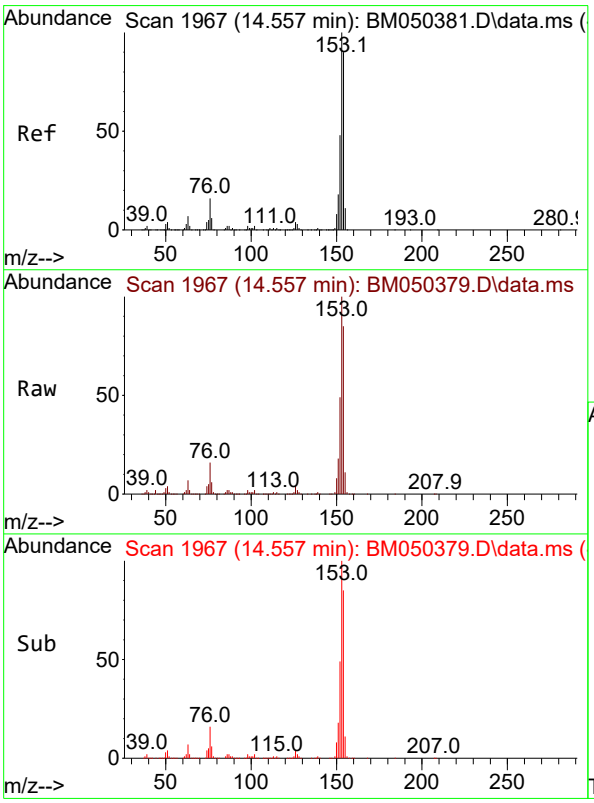
#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 94728

Ion	Ratio	Lower	Upper
165	100		
63	58.2	42.4	63.6
89	56.2	42.2	63.2

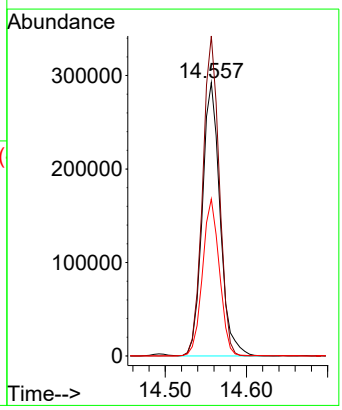


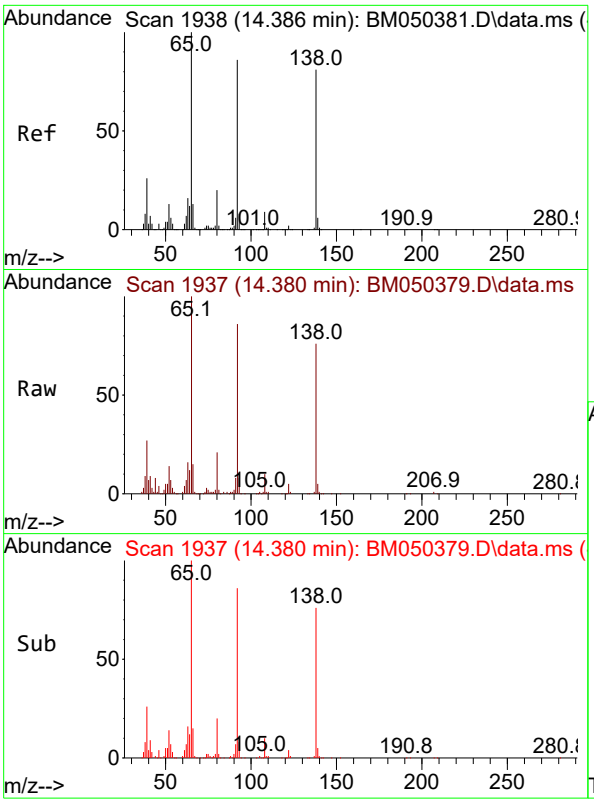


#52
Acenaphthene
Concen: 9.236 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 444228

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	57.5	42.6	64.0



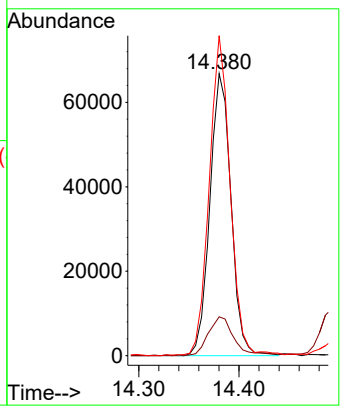


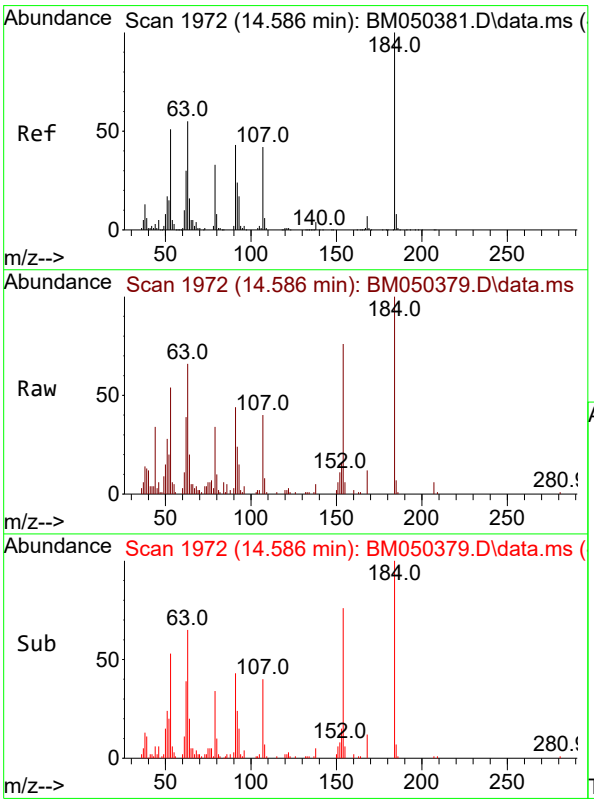
#53
3-Nitroaniline
Concen: 8.223 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 97828

Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.8	13.2#
92	113.5	85.0	127.6

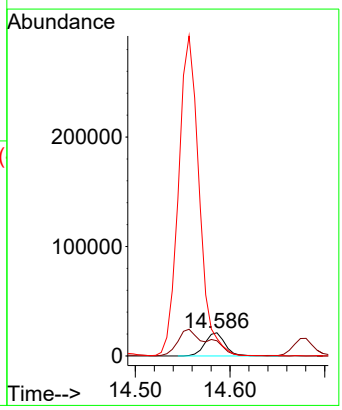


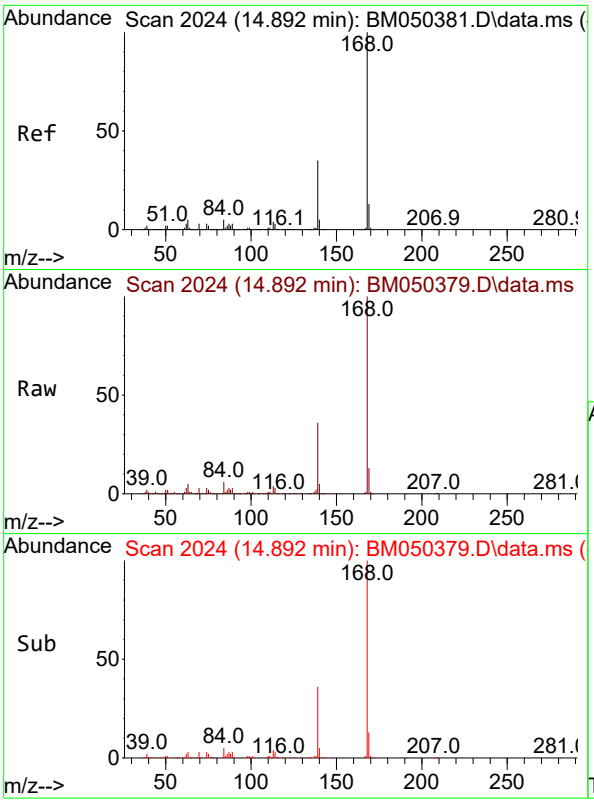


#54
2,4-Dinitrophenol
Concen: 11.045 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:184 Resp: 31123

Ion	Ratio	Lower	Upper
184	100		
63	65.7	53.4	80.0
154	76.0	61.6	92.4



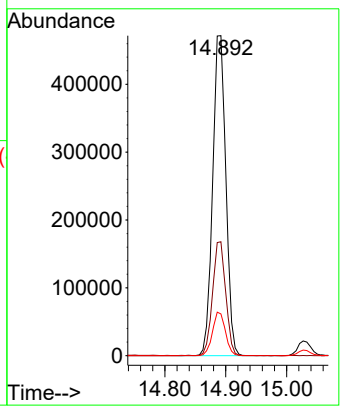


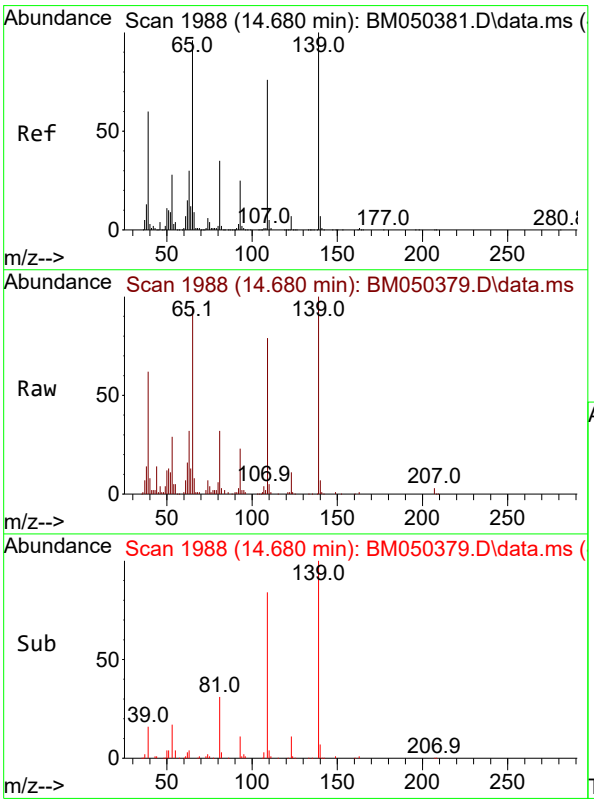
#55
Dibenzofuran
Concen: 9.555 ng
RT: 14.892 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 708153

Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.7	41.5
169	13.0	10.7	16.1

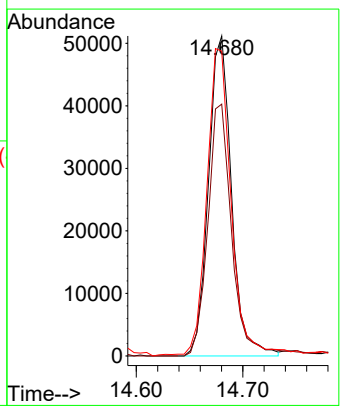


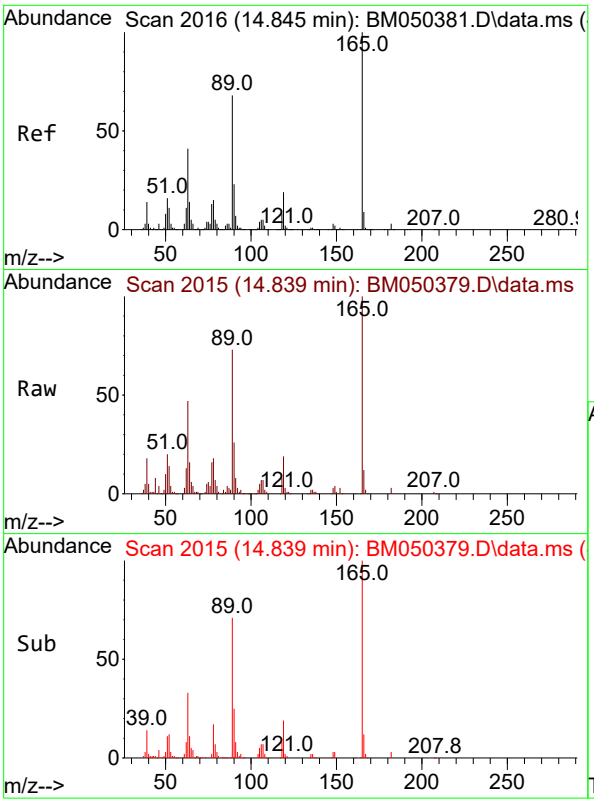


#56
4-Nitrophenol
Concen: 7.515 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 76886

Ion	Ratio	Lower	Upper
139	100		
109	78.7	56.5	96.5
65	95.3	76.4	116.4



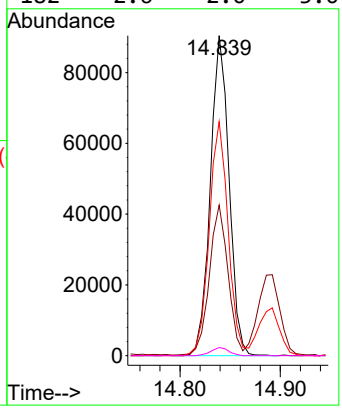


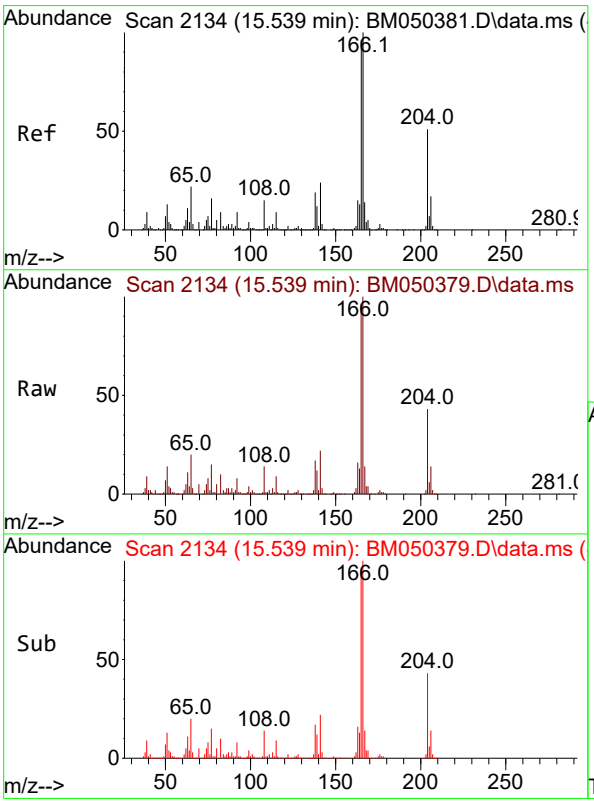
#57
2,4-Dinitrotoluene
Concen: 9.325 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 117194

Ion	Ratio	Lower	Upper
165	100		
63	47.1	32.5	48.7
89	73.1	54.0	81.0
182	2.6	2.0	3.0

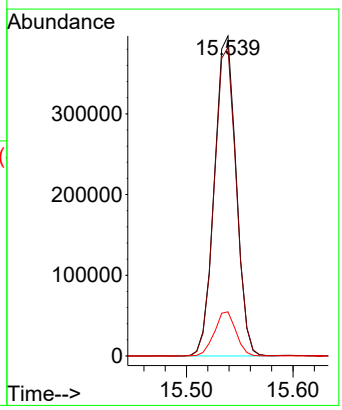


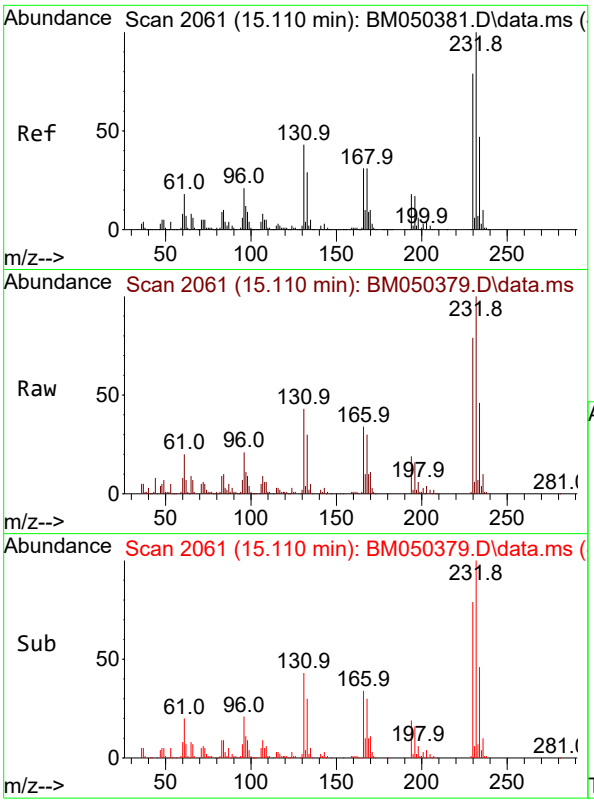


#58
Fluorene
Concen: 9.208 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:166 Resp: 562098

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.6
167	13.8	10.9	16.3



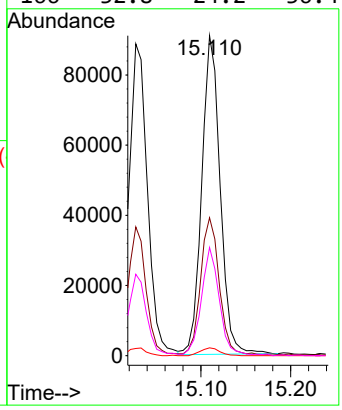


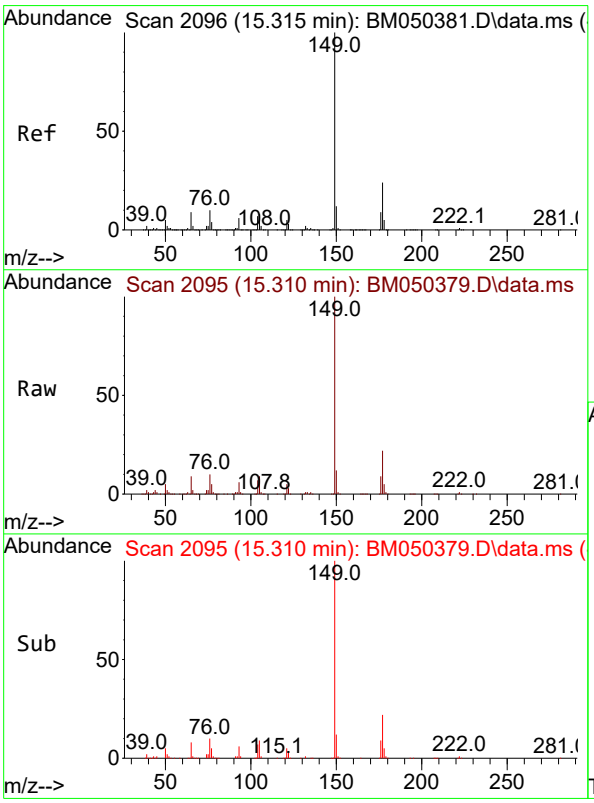
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.509 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 129591

Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.4	50.0
130	2.6	1.8	2.6
166	32.8	24.2	36.4

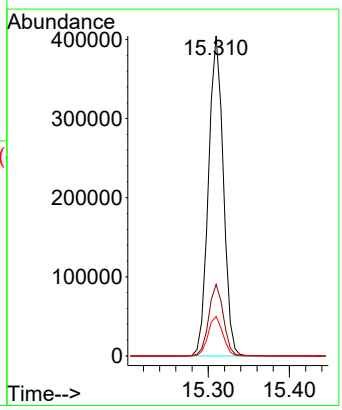


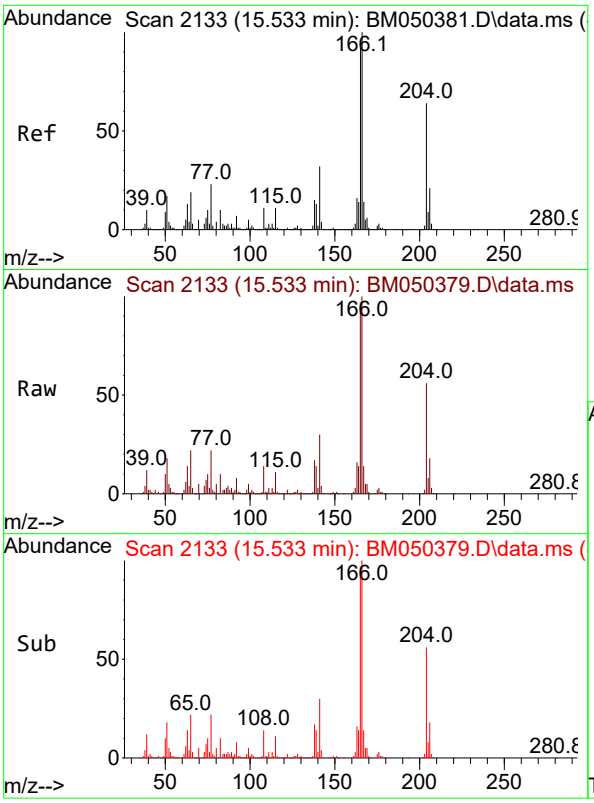


#60
Diethylphthalate
Concen: 9.200 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 512043

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.8	28.2
150	12.3	9.8	14.8



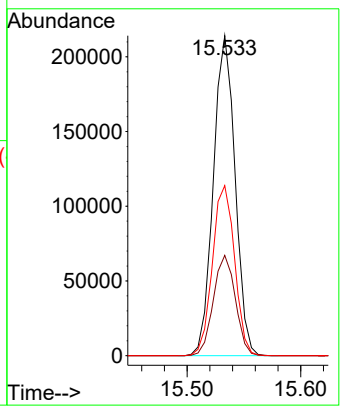


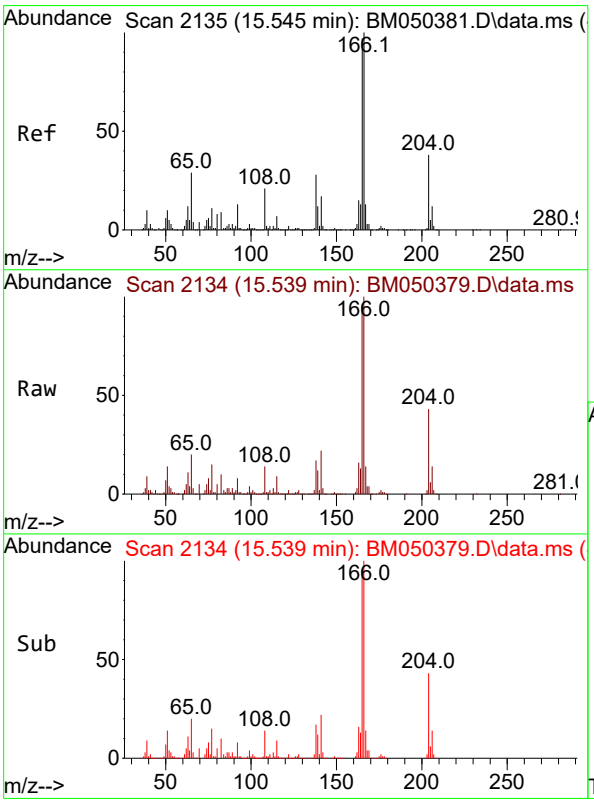
#61
4-Chlorophenyl-phenylether
Concen: 8.918 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 284655

Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	53.1	39.9	59.9

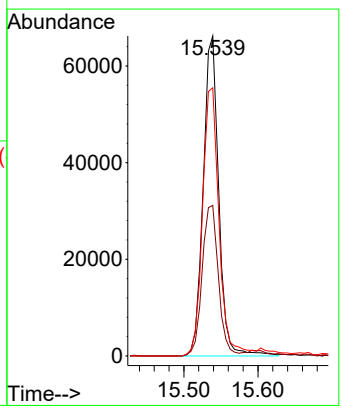


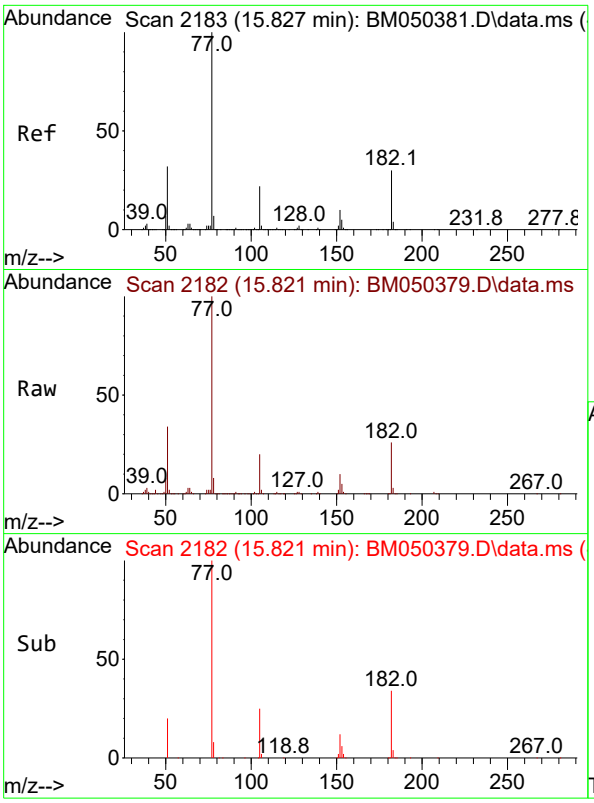


#62
4-Nitroaniline
Concen: 9.259 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:138 Resp: 96460

Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.5	64.5
108	83.8	52.5	92.5



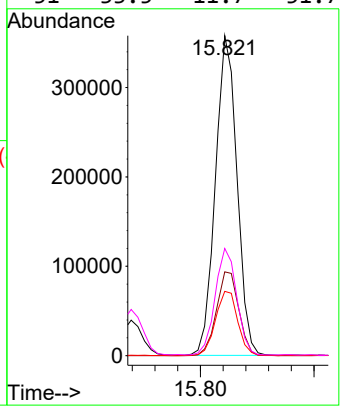


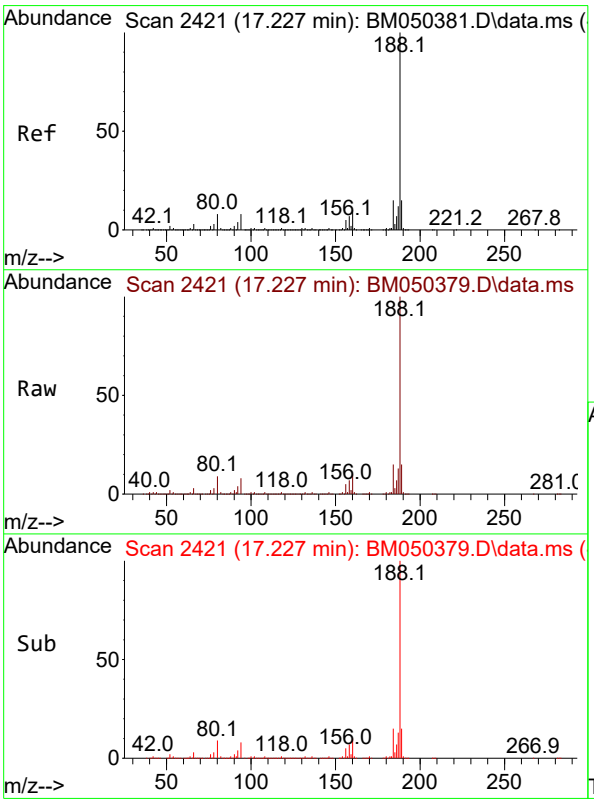
#63
Azobenzene
Concen: 9.239 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 472164

Ion	Ratio	Lower	Upper
77	100		
182	26.2	10.0	50.0
105	20.1	2.0	42.0
51	33.5	11.7	51.7

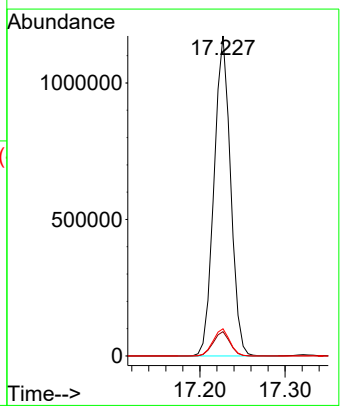


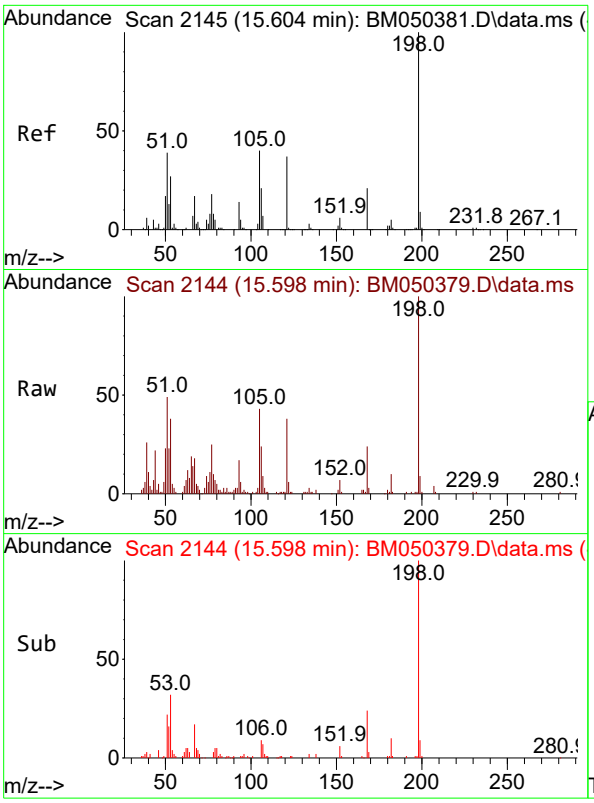


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:188 Resp: 1580349

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	8.5	6.5	9.7



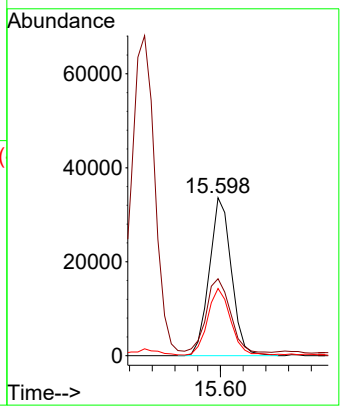


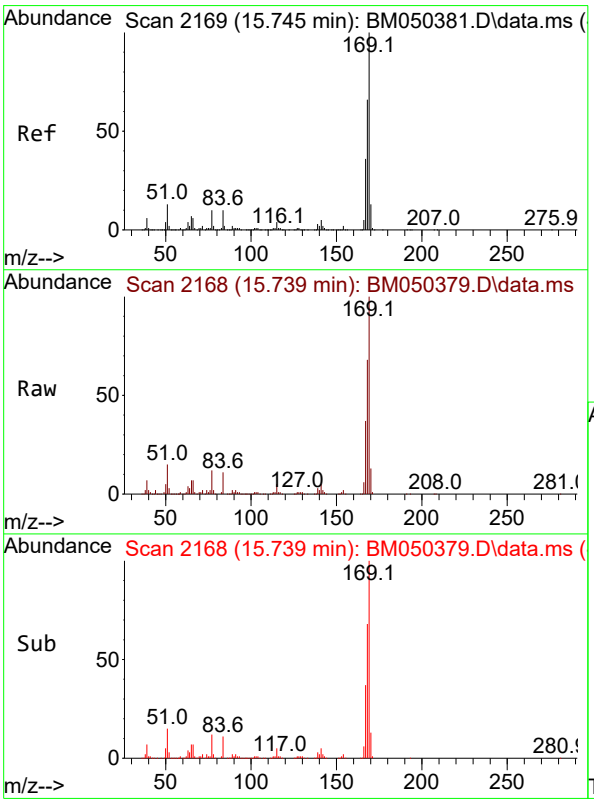
#65
4,6-Dinitro-2-methylphenol
Concen: 10.934 ng
RT: 15.598 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 45307

Ion	Ratio	Lower	Upper
198	100		
51	48.7	26.6	66.6
105	42.6	20.9	60.9

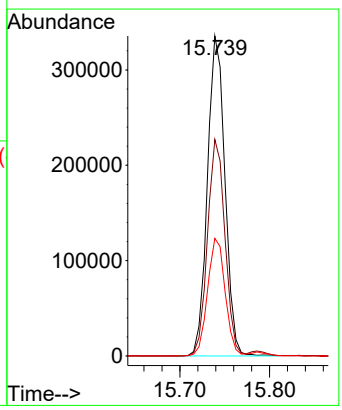


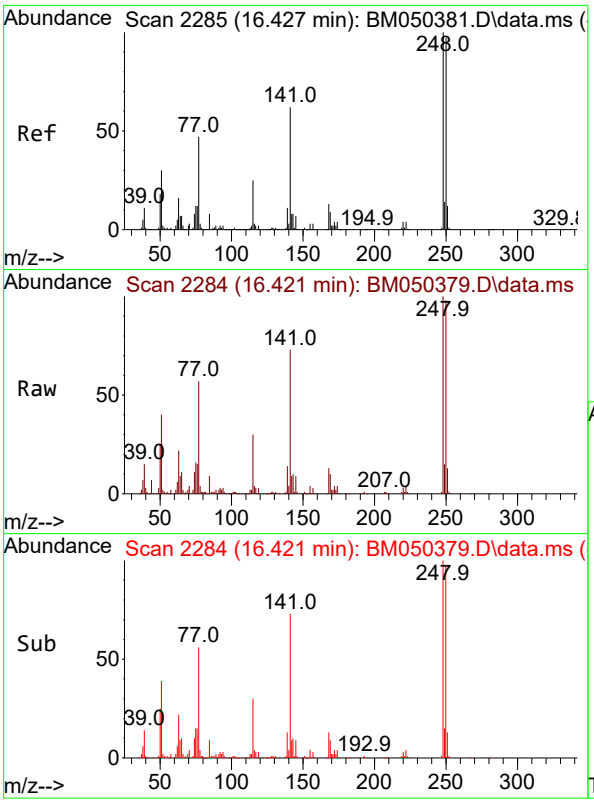


#66
n-Nitrosodiphenylamine
Concen: 9.215 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:169 Resp: 455683

Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.7	28.7	43.1



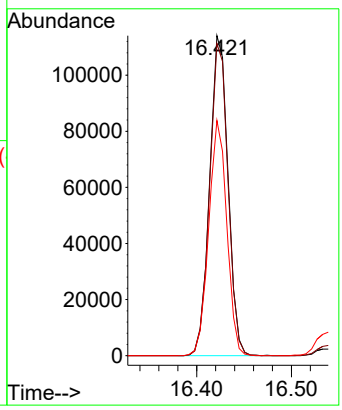


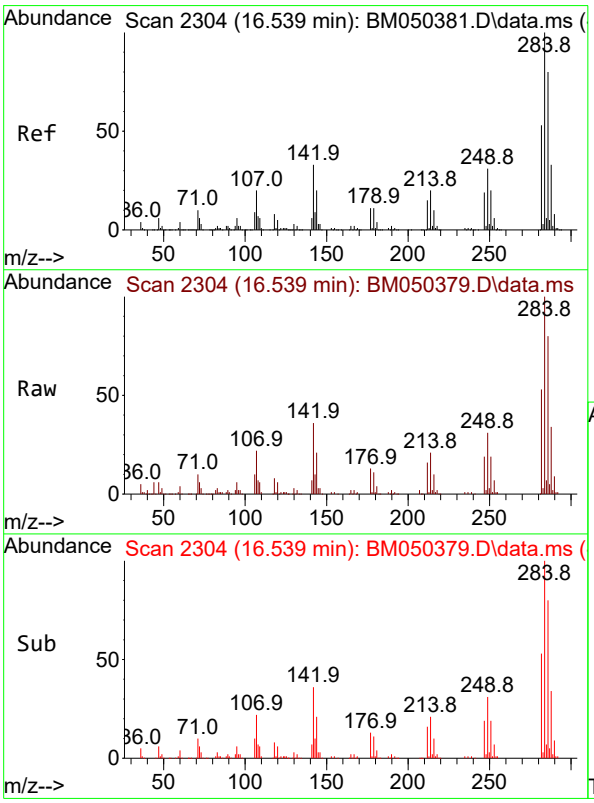
#67
4-Bromophenyl-phenylether
Concen: 8.812 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 153426

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.5	49.7	74.5

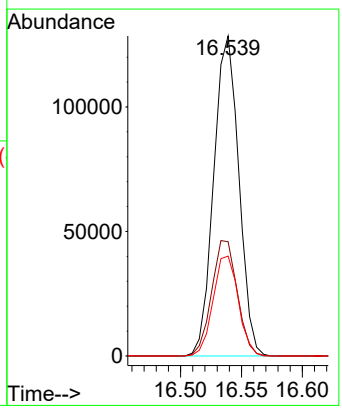


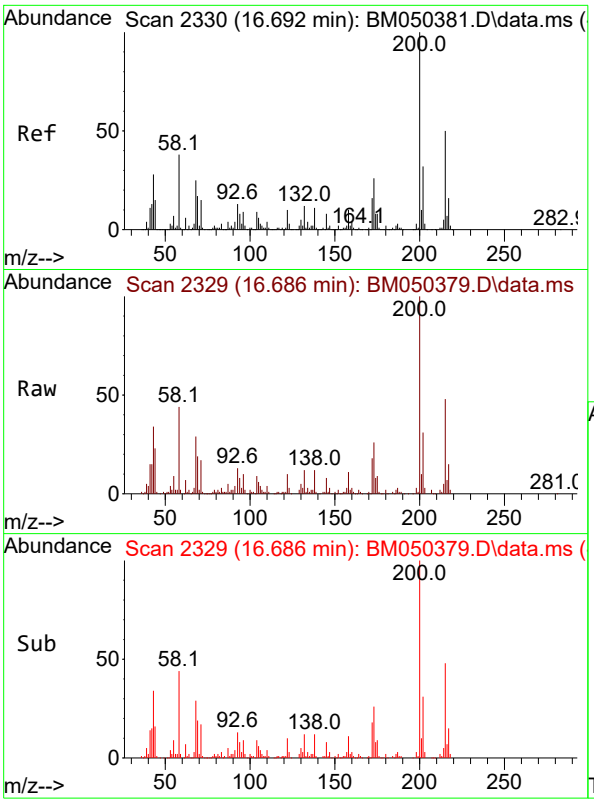


#68
Hexachlorobenzene
Concen: 8.960 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:284 Resp: 184262

Ion	Ratio	Lower	Upper
284	100		
142	35.7	26.8	40.2
249	31.2	24.5	36.7



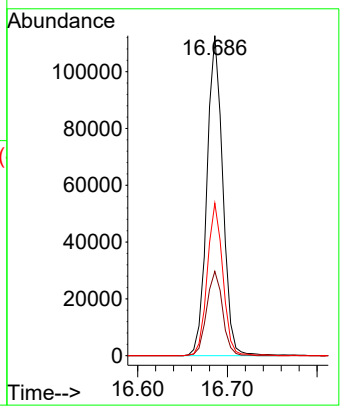


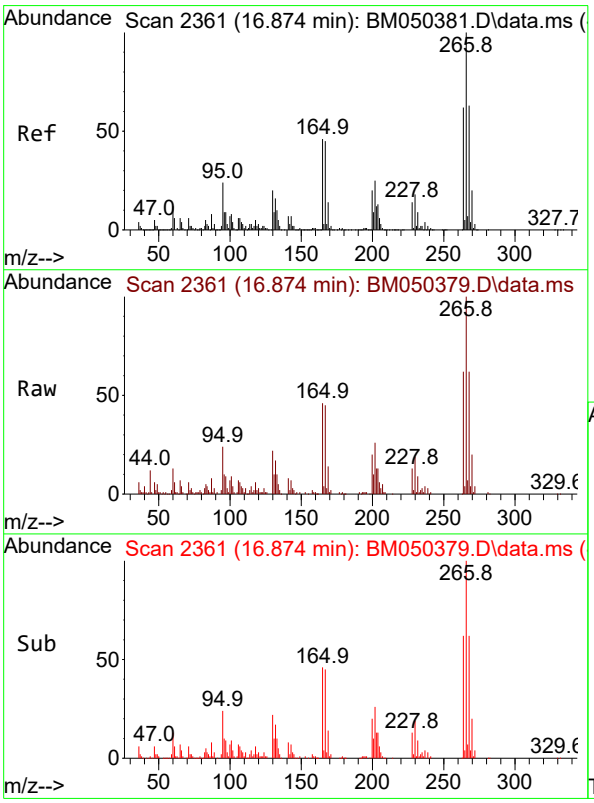
#69
Atrazine
Concen: 8.495 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 137949

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.6	45.6
215	47.7	29.6	69.6

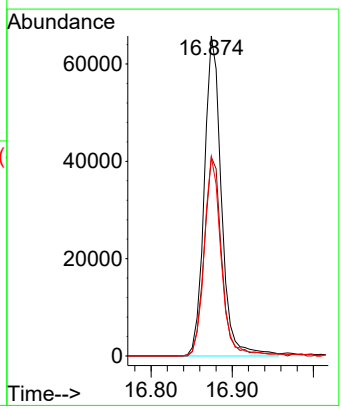


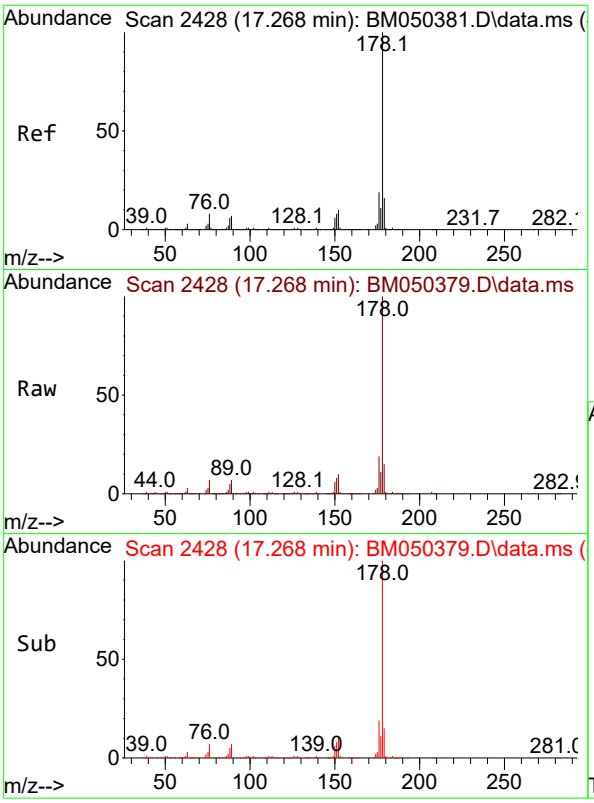


#70
Pentachlorophenol
Concen: 7.515 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:266 Resp: 96207

Ion	Ratio	Lower	Upper
266	100		
268	62.2	50.5	75.7
264	62.3	49.9	74.9



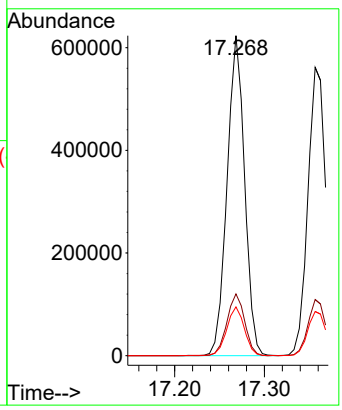


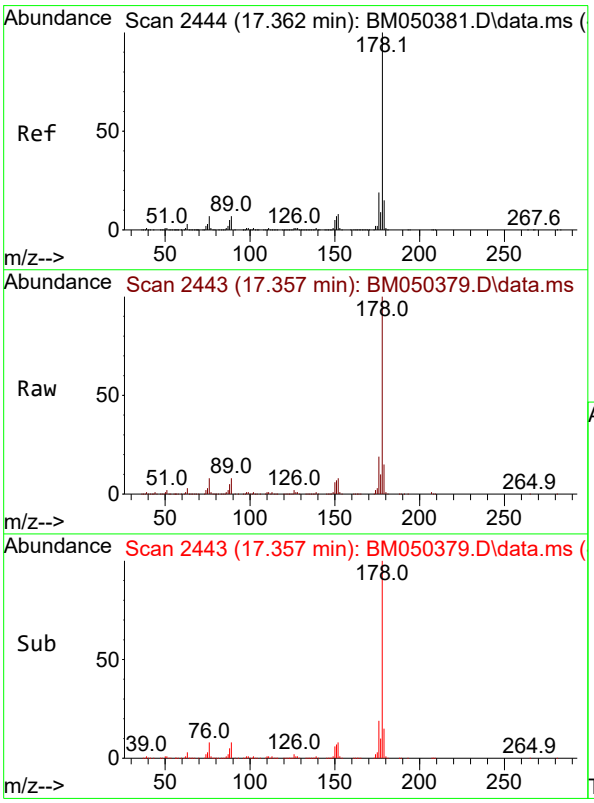
#71
Phenanthrene
Concen: 9.454 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 845393

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.5	18.7

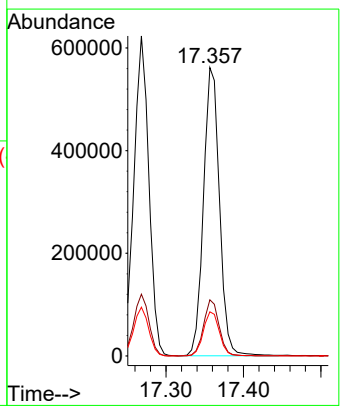


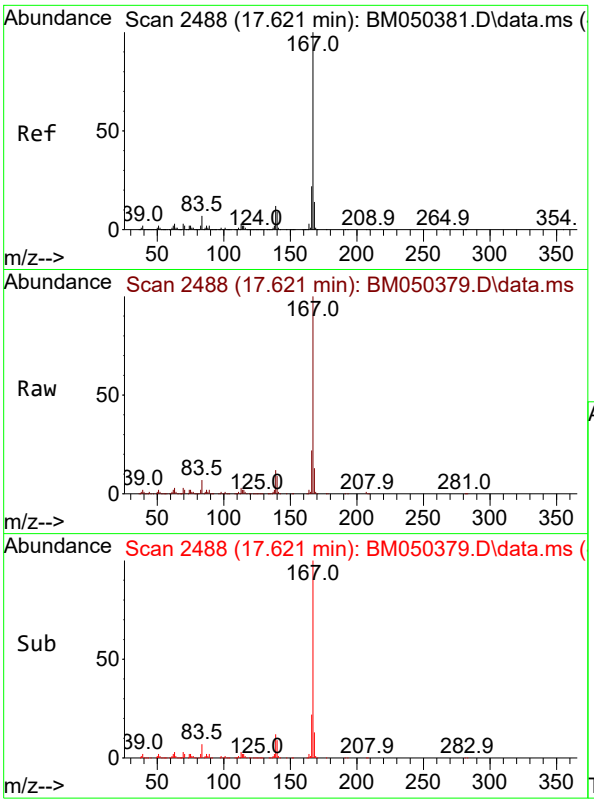


#72
Anthracene
Concen: 9.025 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:178 Resp: 803377

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	15.3	12.2	18.4



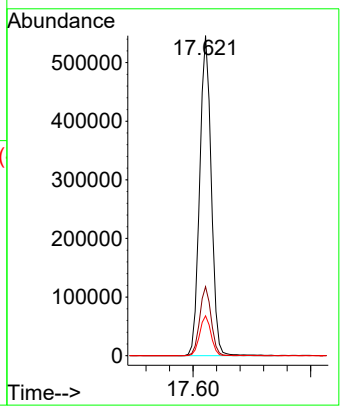


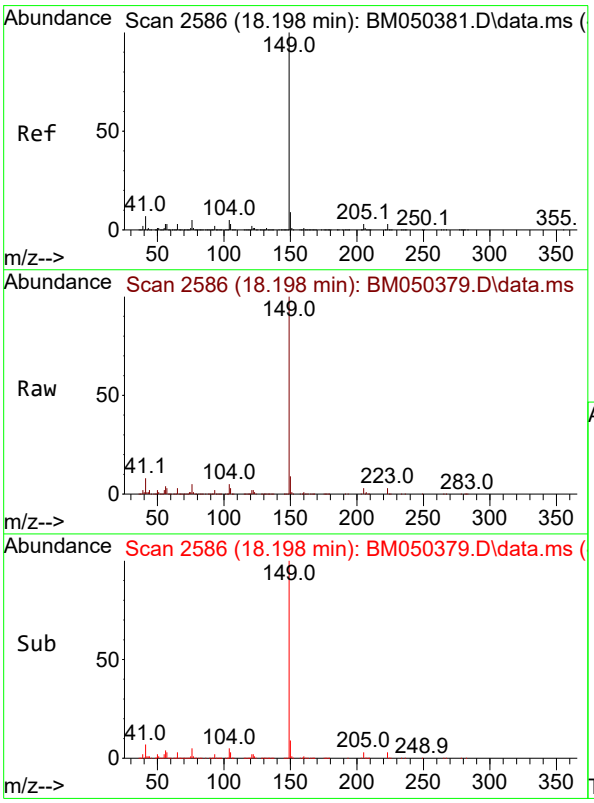
#73
Carbazole
Concen: 9.263 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 746026

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.5	9.9	14.9

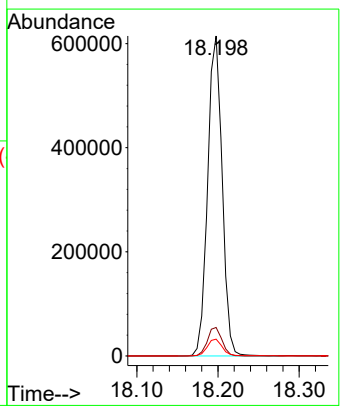


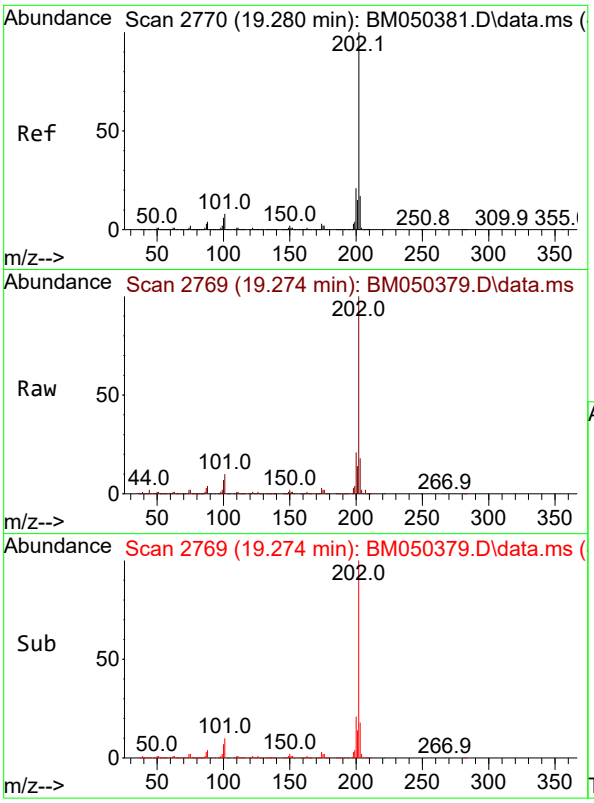


#74
Di-n-butylphthalate
Concen: 8.610 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 759019

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.2	3.9	5.9



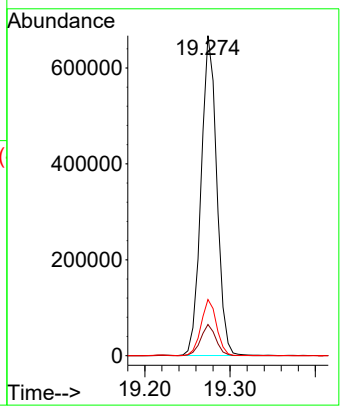


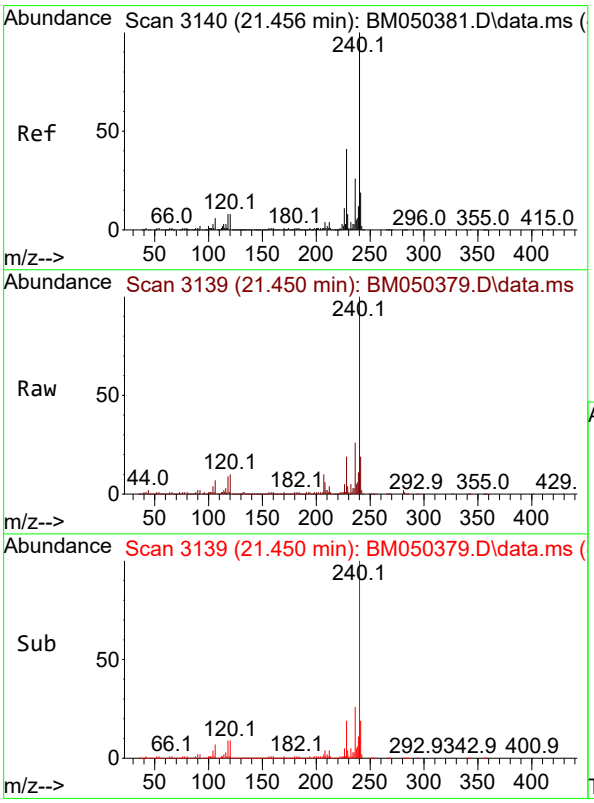
#75
Fluoranthene
Concen: 8.768 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 852385

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.3
203	17.5	0.0	37.2

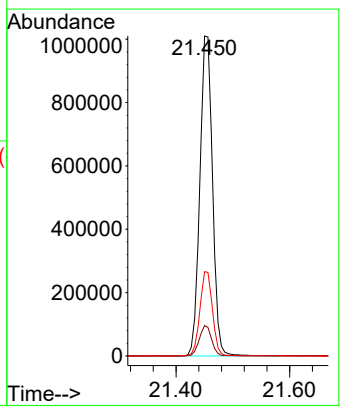


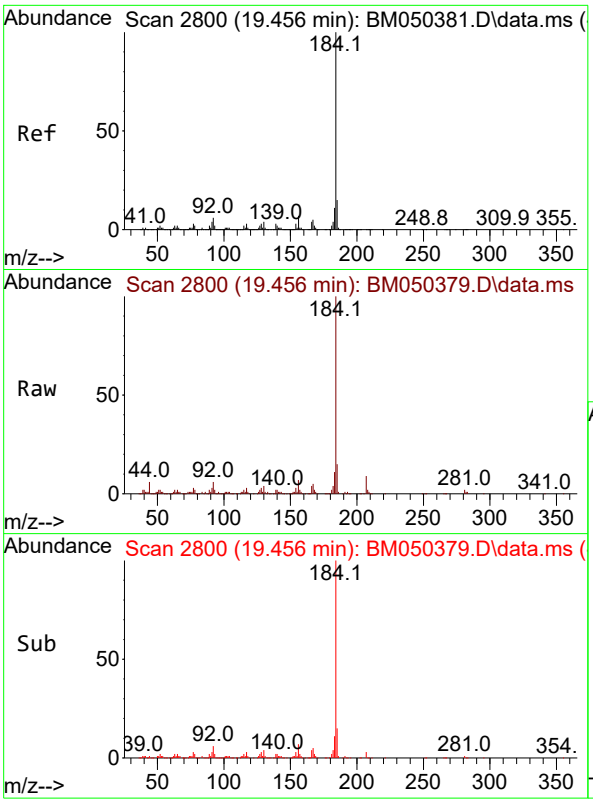


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:240 Resp: 1564213

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.7	10.1
236	26.4	20.7	31.1



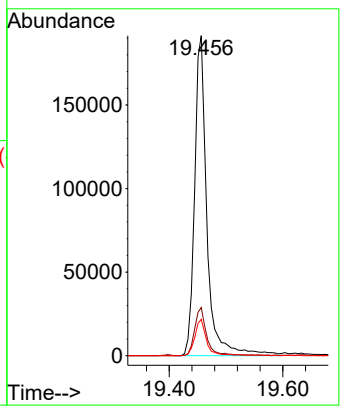


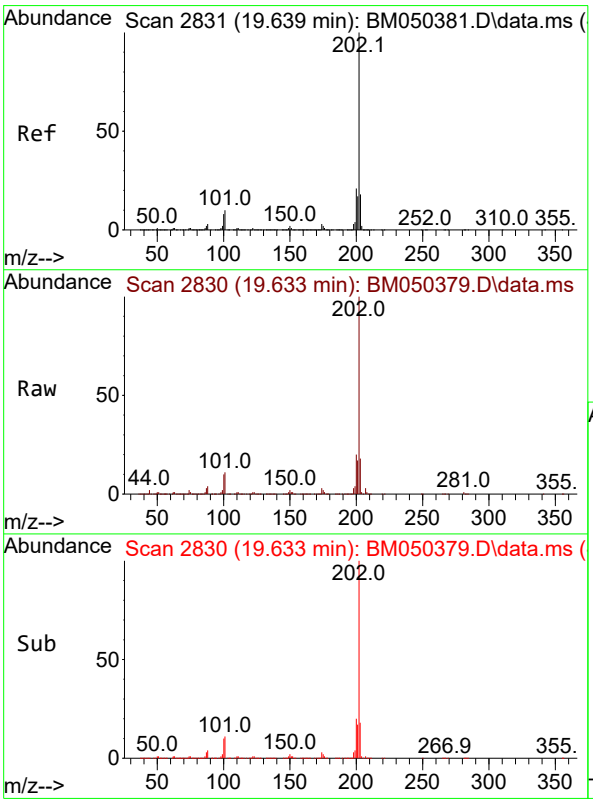
#77
Benzidine
Concen: 7.256 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 289481

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.3	9.0	13.6

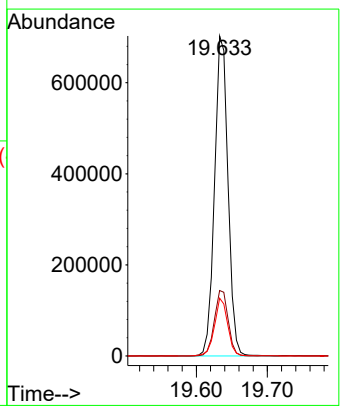


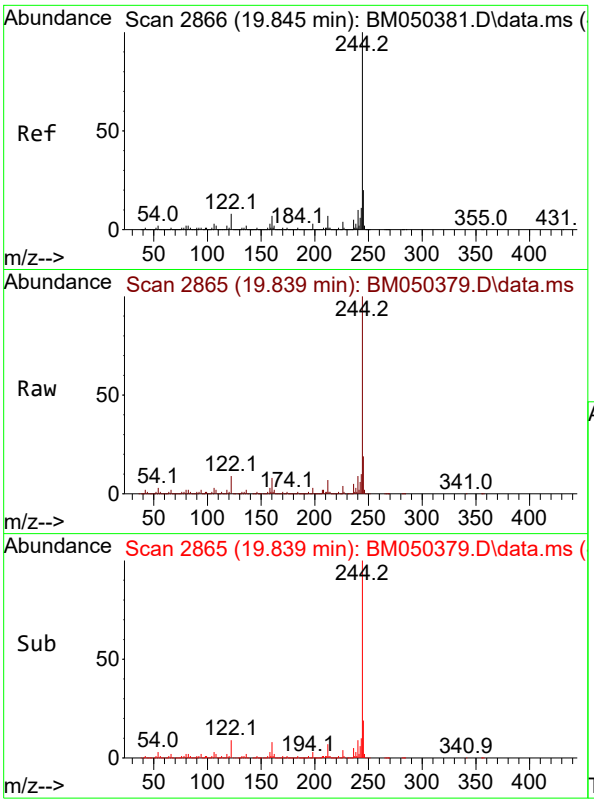


#78
Pyrene
Concen: 9.191 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:202 Resp: 920751

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.0	14.1	21.1



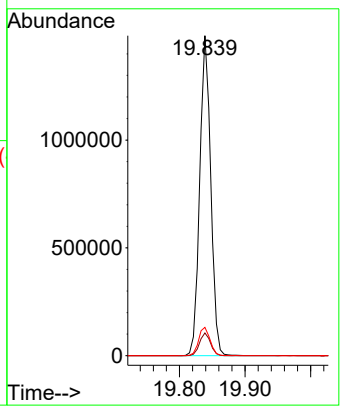


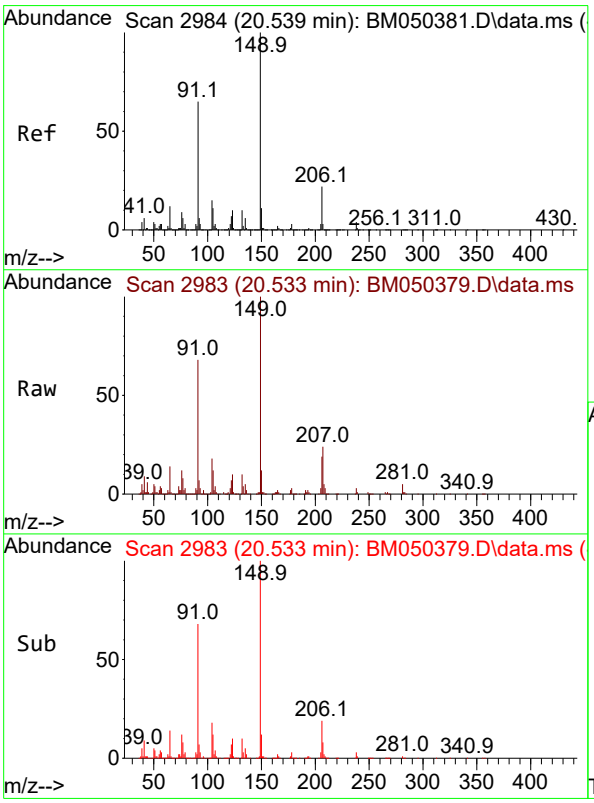
#79
Terphenyl-d14
Concen: 19.526 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1735885

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.8	6.2	9.2

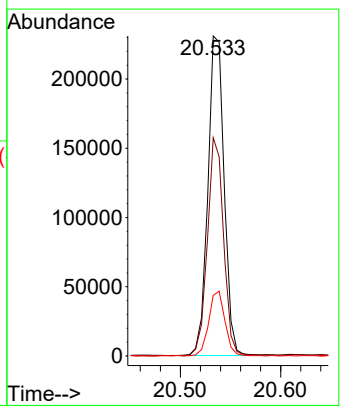


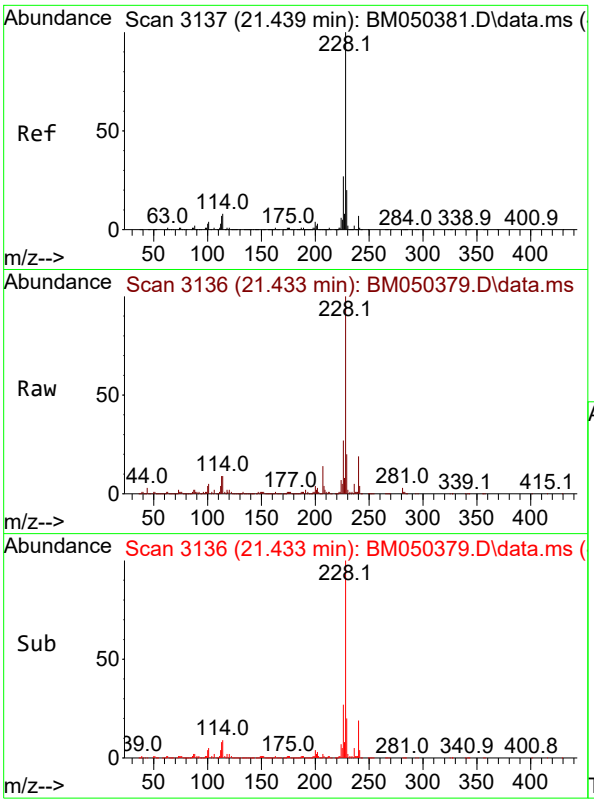


#80
Butylbenzylphthalate
Concen: 7.920 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 261606

Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.6	77.4
206	19.0	17.8	26.8



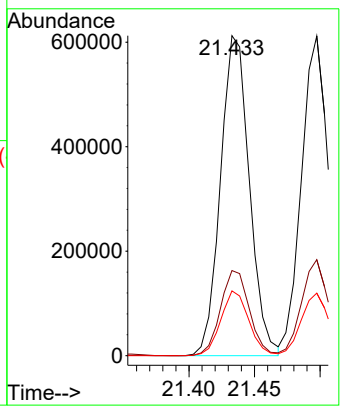


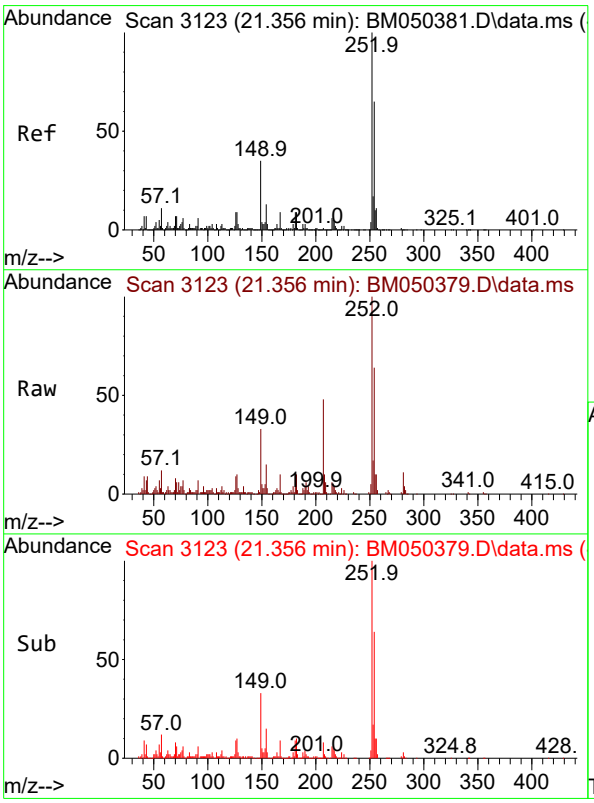
#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 940127

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	20.3	16.0	24.0

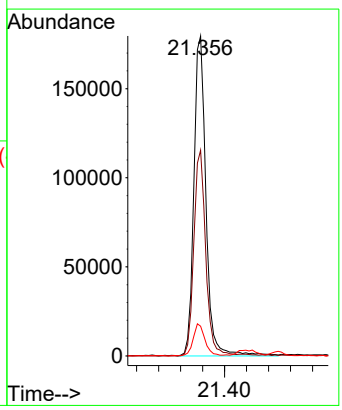


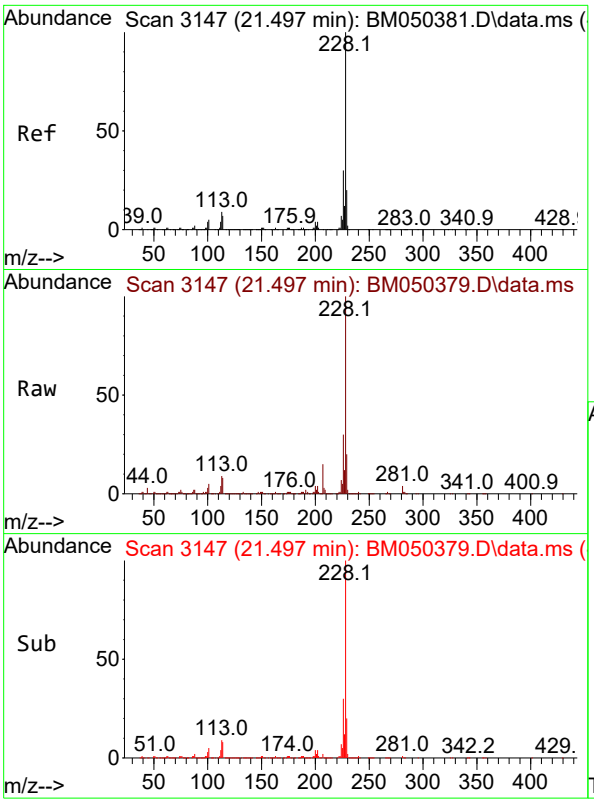


#82
3,3'-Dichlorobenzidine
Concen: 7.988 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 274551

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	9.3	7.3	10.9



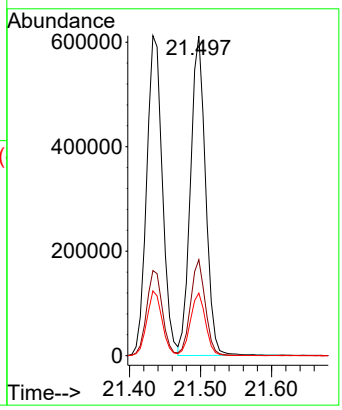


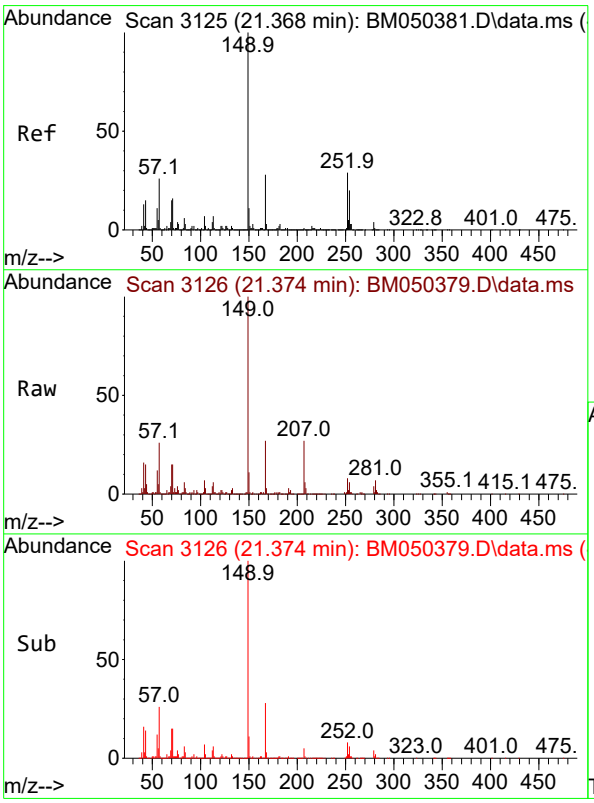
#83
Chrysene
Concen: 9.384 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 902126

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	15.8	23.6

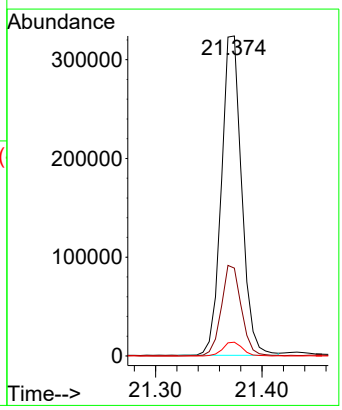


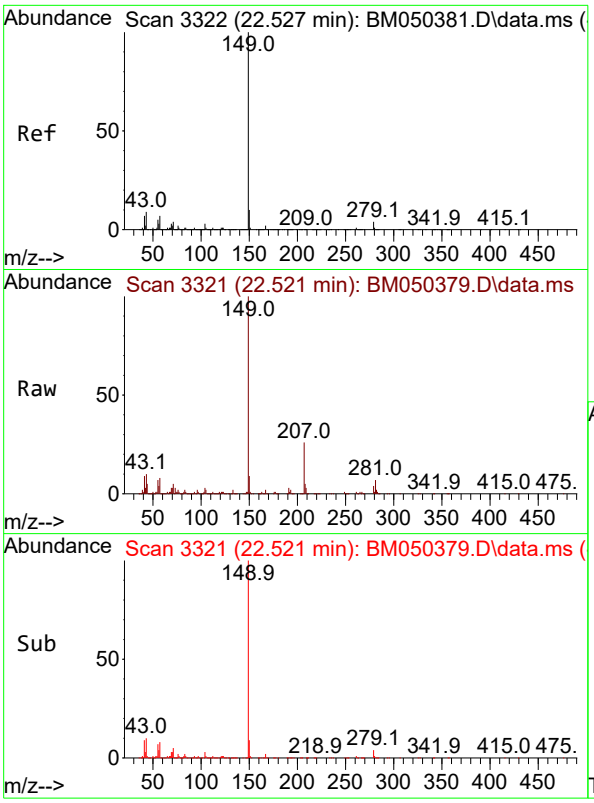


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.136 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 426642

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.7	34.1
279	4.3	3.5	5.3



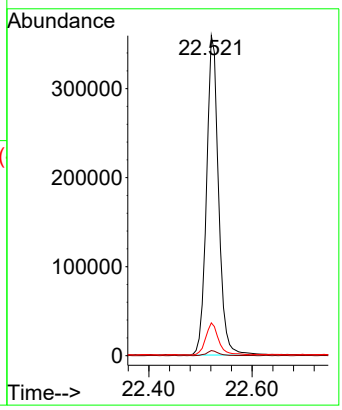


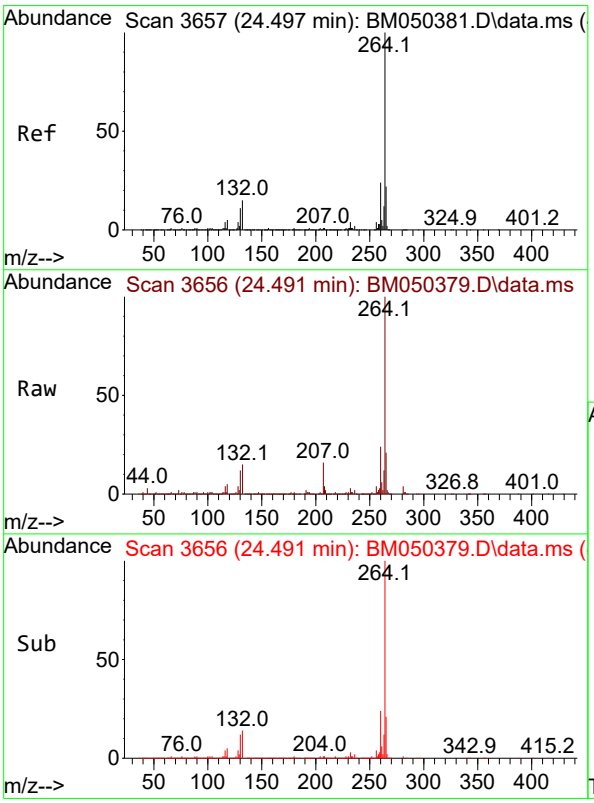
#85
Di-n-octyl phthalate
Concen: 7.070 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 580634

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	7.7	11.5

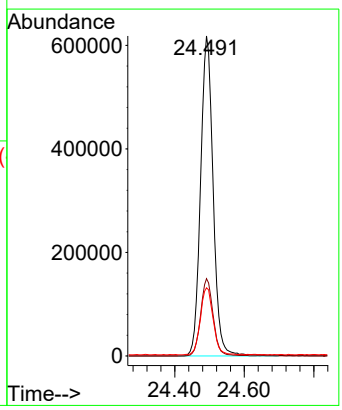


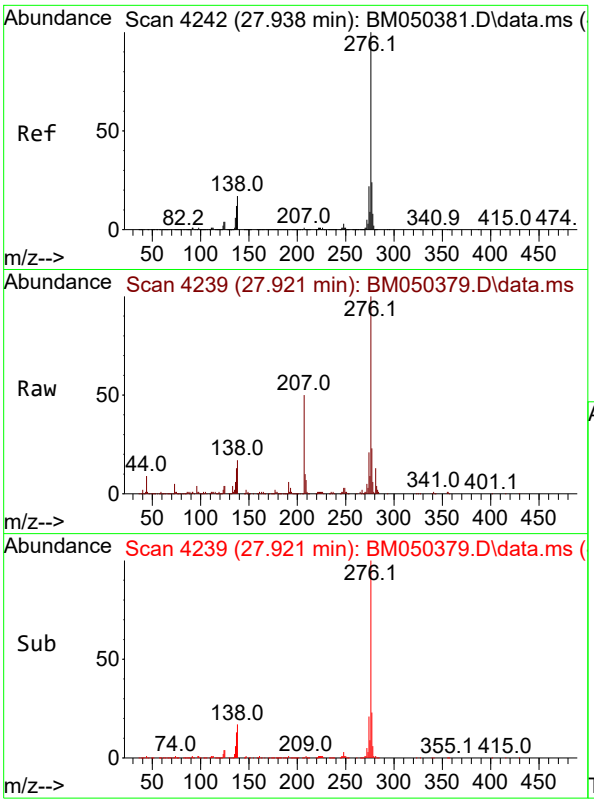


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:264 Resp: 1552476

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.8	26.6



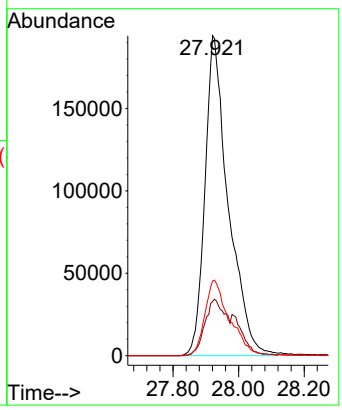


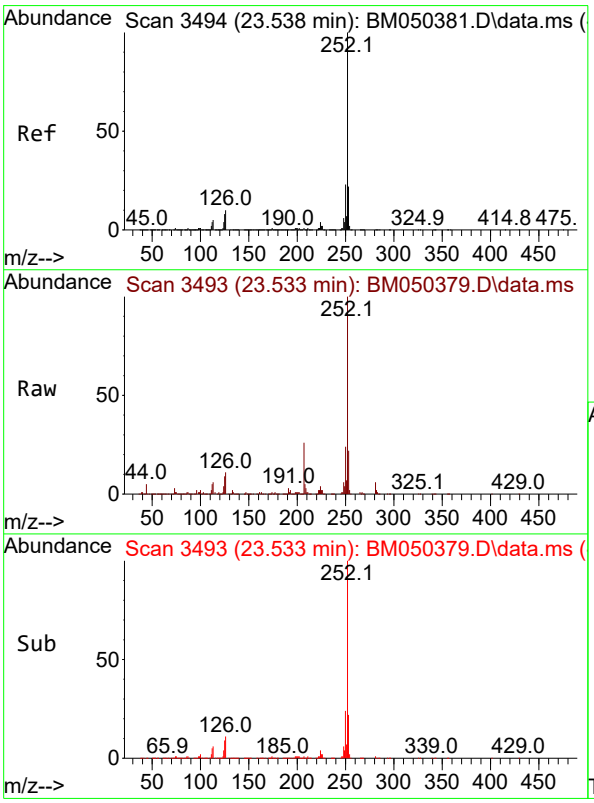
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 960927

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.6#
277	24.8	20.0	30.0

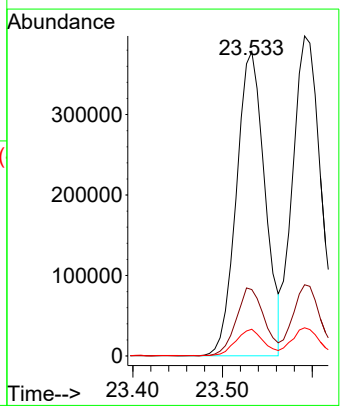


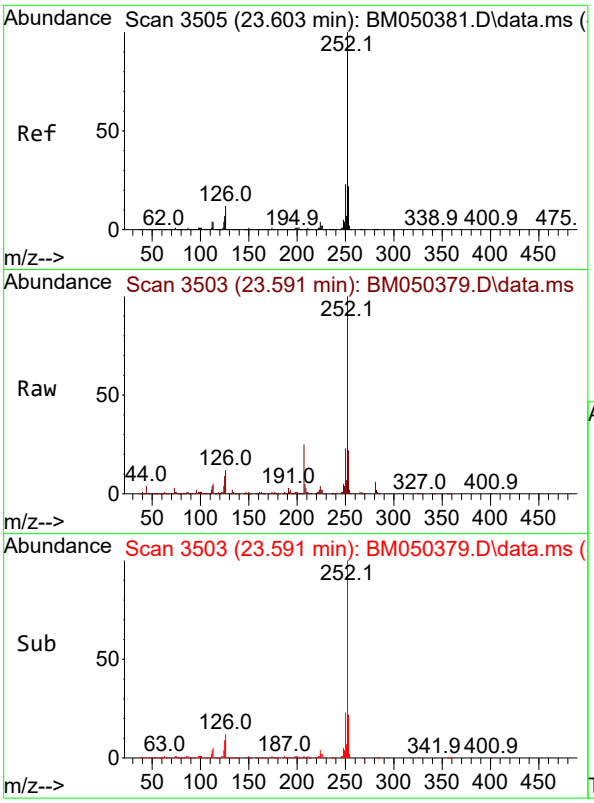


#88
Benzo(b)fluoranthene
Concen: 8.740 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 834603

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.8	6.3	9.5



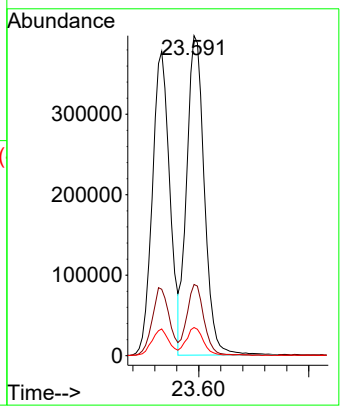


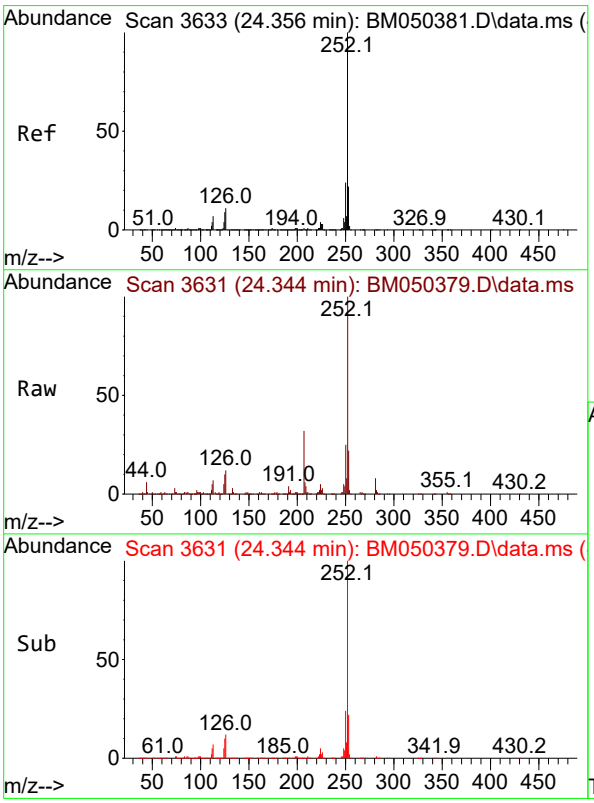
#89
Benzo(k)fluoranthene
Concen: 8.919 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 883703

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.8	6.2	9.2

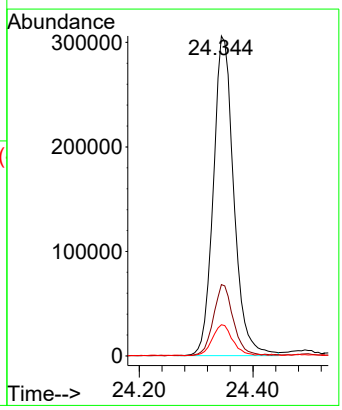


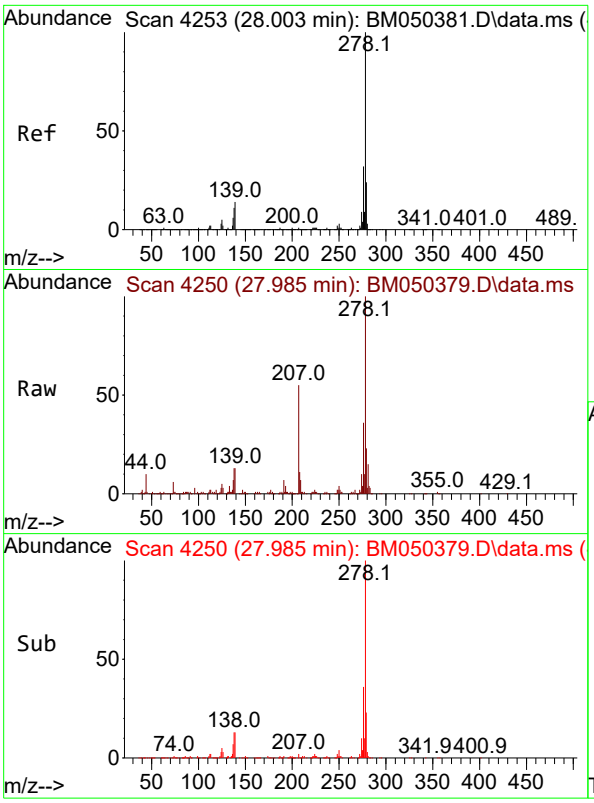


#90
Benzo(a)pyrene
Concen: 8.550 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 764280

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	7.0	10.4



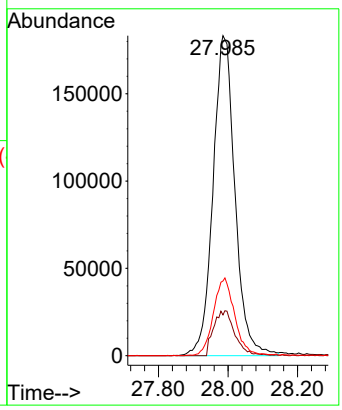


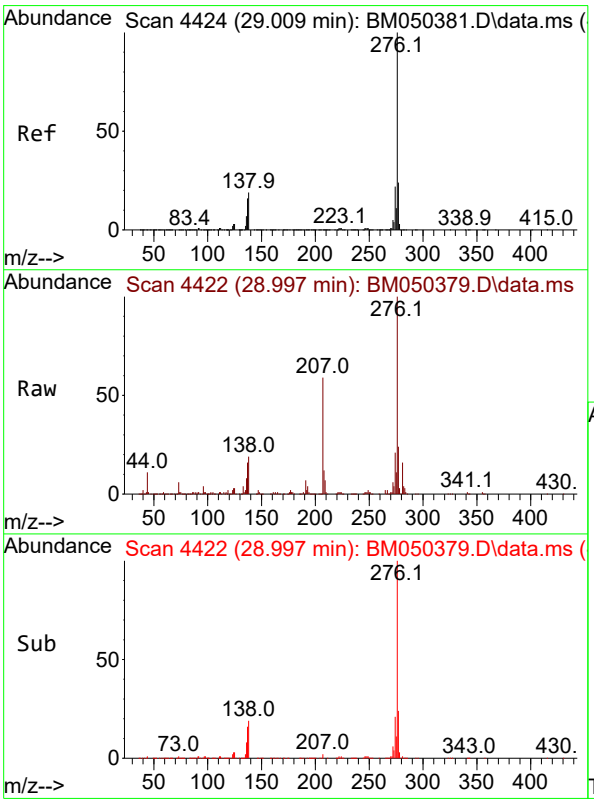
#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 27.985 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 803056

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	23.4	19.4	29.0

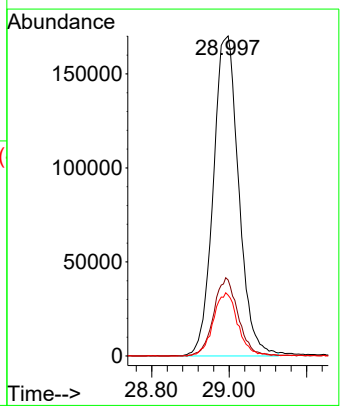




#92
Benzo(g,h,i)perylene
Concen: 8.841 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:276 Resp: 776700

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	19.0	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	361505	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1364913	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	879171	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1676151	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1698030	20.000	ng		0.00
86) Perylene-d12	24.492	264	1655344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	830817	39.560	ng		0.00
7) Phenol-d6	7.016	99	1041640	39.345	ng		0.00
23) Nitrobenzene-d5	9.016	82	1065139	39.813	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	404270	37.846	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2831991	39.780	ng		0.00
79) Terphenyl-d14	19.839	244	4159871	43.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	174356	20.190	ng		99
3) Pyridine	3.734	79	453940	20.022	ng		99
4) n-Nitrosodimethylamine	3.640	42	215262	20.366	ng	#	95
6) Aniline	7.187	93	666785	19.625	ng		100
8) 2-Chlorophenol	7.428	128	440657	19.898	ng		97
9) Benzaldehyde	6.999	77	355966m	22.600	ng		
10) Phenol	7.046	94	548000	19.845	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	442290	20.000	ng		100
12) 1,3-Dichlorobenzene	7.757	146	540913	20.088	ng		98
13) 1,4-Dichlorobenzene	7.899	146	555418	20.200	ng		99
14) 1,2-Dichlorobenzene	8.216	146	525580	19.966	ng		99
15) Benzyl Alcohol	8.099	79	359867	19.292	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	657213	20.176	ng		100
17) 2-Methylphenol	8.299	107	354110	19.772	ng		100
18) Hexachloroethane	8.951	117	192269	19.883	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	320932	20.010	ng		98
20) 3+4-Methylphenols	8.622	107	468665	19.493	ng		99
22) Acetophenone	8.681	105	684104	20.046	ng	#	99
24) Nitrobenzene	9.057	77	481755	20.179	ng		100
25) Isophorone	9.587	82	865912	19.946	ng		99
26) 2-Nitrophenol	9.775	139	180315	18.532	ng		99
27) 2,4-Dimethylphenol	9.828	122	410521	19.828	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	575979	20.023	ng		100
29) 2,4-Dichlorophenol	10.304	162	424771	19.970	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	503042	19.769	ng		98
31) Naphthalene	10.710	128	1397680	20.160	ng		99
32) Benzoic acid	9.910	122	189237	19.011	ng		100
33) 4-Chloroaniline	10.810	127	582272	19.867	ng		99
34) Hexachlorobutadiene	11.010	225	303657	19.552	ng		99
35) Caprolactam	11.569	113	110042	18.951	ng		95
36) 4-Chloro-3-methylphenol	11.928	107	393366	19.804	ng		99
37) 2-Methylnaphthalene	12.322	142	871365	19.906	ng		98
38) 1-Methylnaphthalene	12.539	142	920592	19.872	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	536934	19.205	ng		99
41) Hexachlorocyclopentadiene	12.675	237	317506	17.766	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	331504	19.263	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

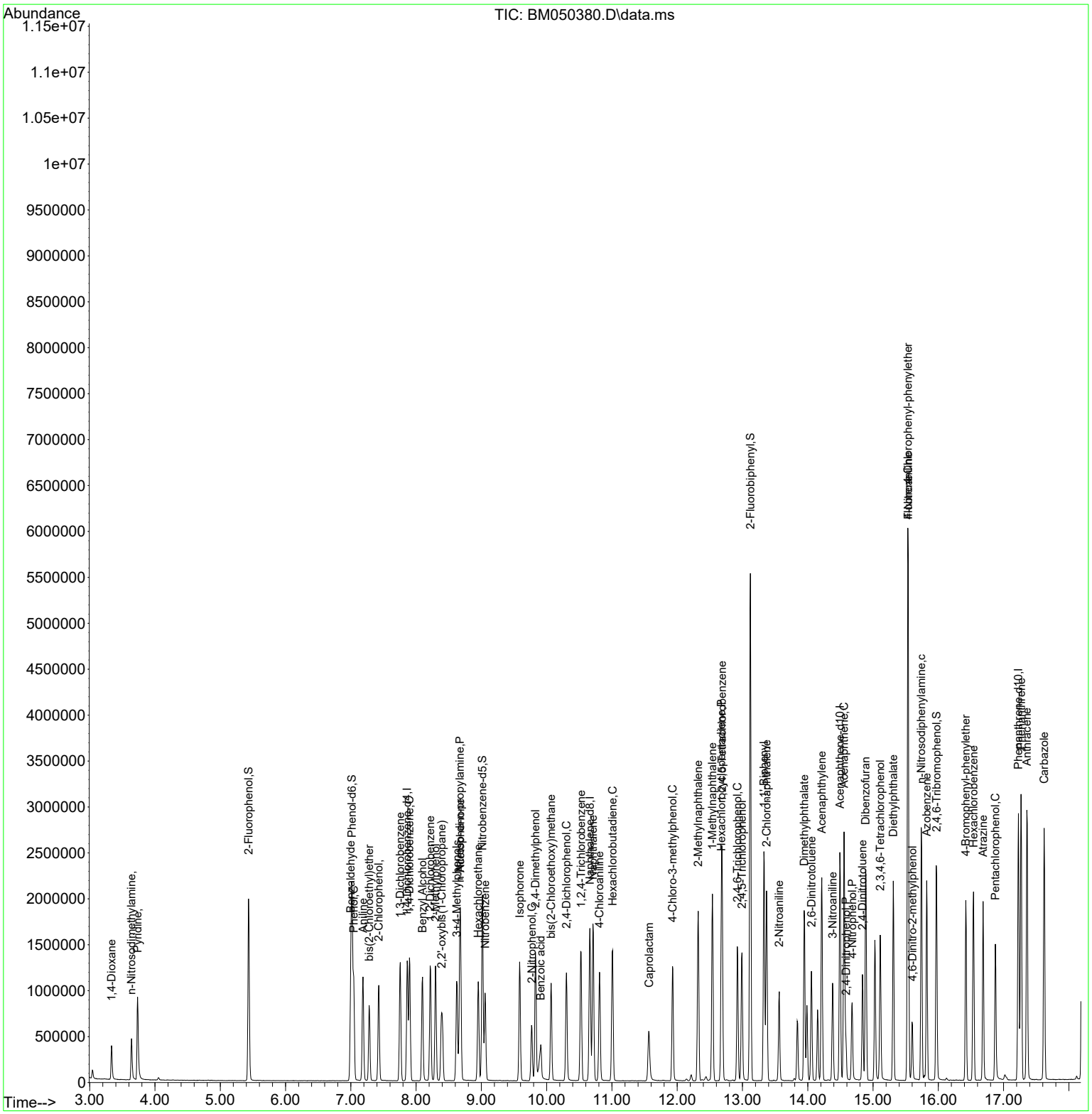
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	364770	19.408	ng	99
46) 1,1'-Biphenyl	13.328	154	1300397	19.936	ng	99
47) 2-Chloronaphthalene	13.369	162	1043593	20.066	ng	99
48) 2-Nitroaniline	13.563	65	222094	19.132	ng	98
49) Acenaphthylene	14.216	152	1578057	20.078	ng	99
50) Dimethylphthalate	13.945	163	1202901	19.873	ng	100
51) 2,6-Dinitrotoluene	14.057	165	231144	19.889	ng	99
52) Acenaphthene	14.557	154	990178	19.816	ng	99
53) 3-Nitroaniline	14.380	138	244460	19.779	ng	96
54) 2,4-Dinitrophenol	14.586	184	85284	18.641	ng	96
55) Dibenzofuran	14.886	168	1543545	20.048	ng	99
56) 4-Nitrophenol	14.680	139	198160	18.644	ng	99
57) 2,4-Dinitrotoluene	14.839	165	299004	18.935	ng	95
58) Fluorene	15.539	166	1255879	19.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	312205	19.733	ng	99
60) Diethylphthalate	15.310	149	1159537	20.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	644238	19.428	ng	99
62) 4-Nitroaniline	15.539	138	249635	19.209	ng	93
63) Azobenzene	15.822	77	1085005	20.436	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	129223	18.758	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039509	19.819	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	353272	19.130	ng	96
68) Hexachlorobenzene	16.539	284	424108	19.444	ng	99
69) Atrazine	16.686	200	333655	19.373	ng	97
70) Pentachlorophenol	16.874	266	243316	17.920	ng	98
71) Phenanthrene	17.269	178	1876408	19.784	ng	100
72) Anthracene	17.357	178	1859273	19.694	ng	99
73) Carbazole	17.621	167	1691521	19.801	ng	100
74) Di-n-butylphthalate	18.198	149	1829412	19.566	ng	100
75) Fluoranthene	19.274	202	1980887	19.212	ng	98
77) Benzidine	19.451	184	884477	20.422	ng	99
78) Pyrene	19.639	202	2140070	19.679	ng	99
80) Butylbenzylphthalate	20.533	149	681649	19.009	ng	95
81) Benzo(a)anthracene	21.433	228	2176940	19.676	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	689176	18.471	ng	100
83) Chrysene	21.498	228	2037978	19.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1117874	19.638	ng	100
85) Di-n-octyl phthalate	22.521	149	1580618	17.729	ng	99
87) Indeno(1,2,3-cd)pyrene	27.927	276	2274737	19.328	ng	99
88) Benzo(b)fluoranthene	23.533	252	1948651	19.138	ng	99
89) Benzo(k)fluoranthene	23.592	252	2064811	19.544	ng	99
90) Benzo(a)pyrene	24.350	252	1819117	19.085	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	1918673	19.357	ng	100
92) Benzo(g,h,i)perylene	28.997	276	1815952	19.385	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
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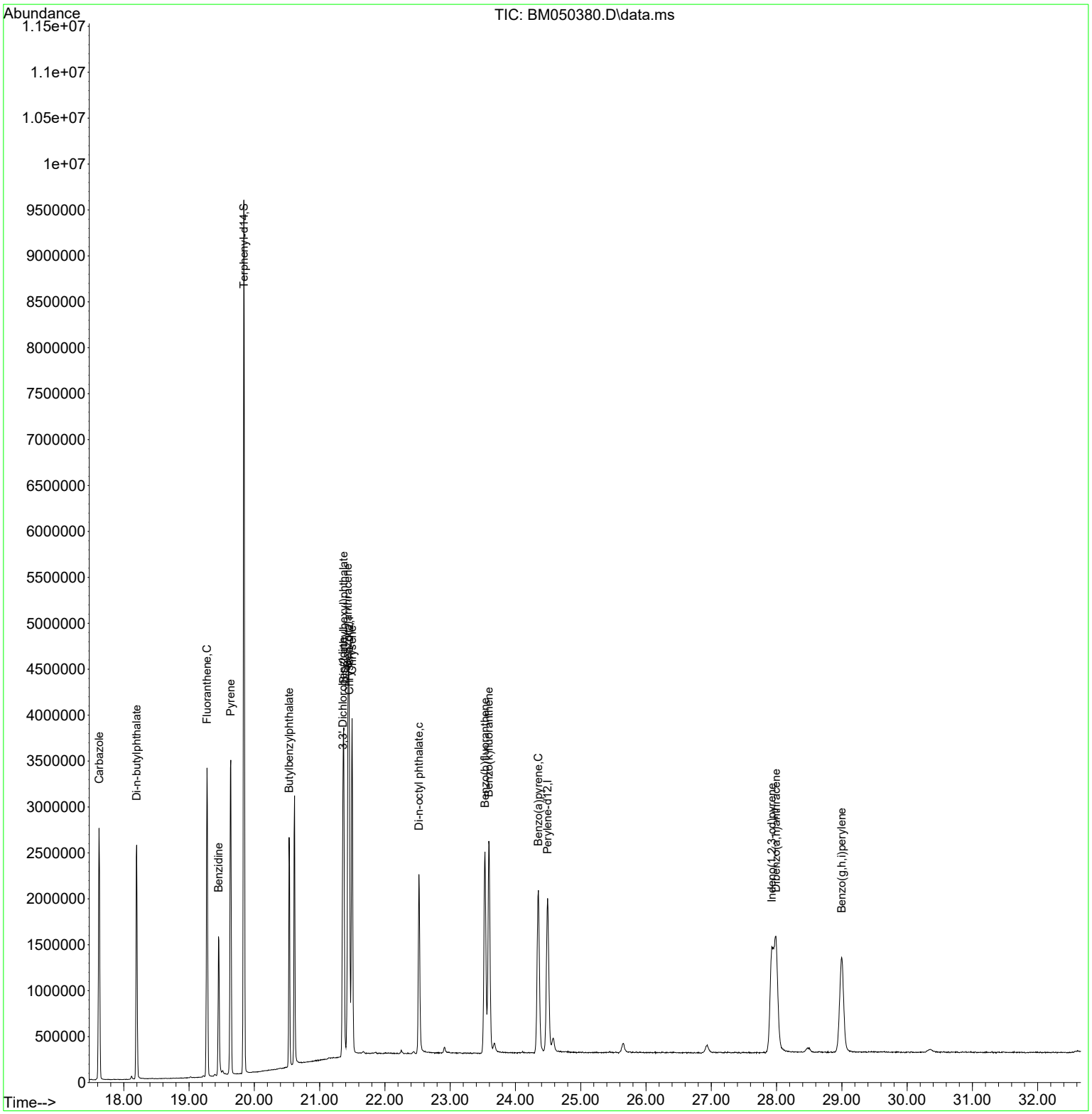
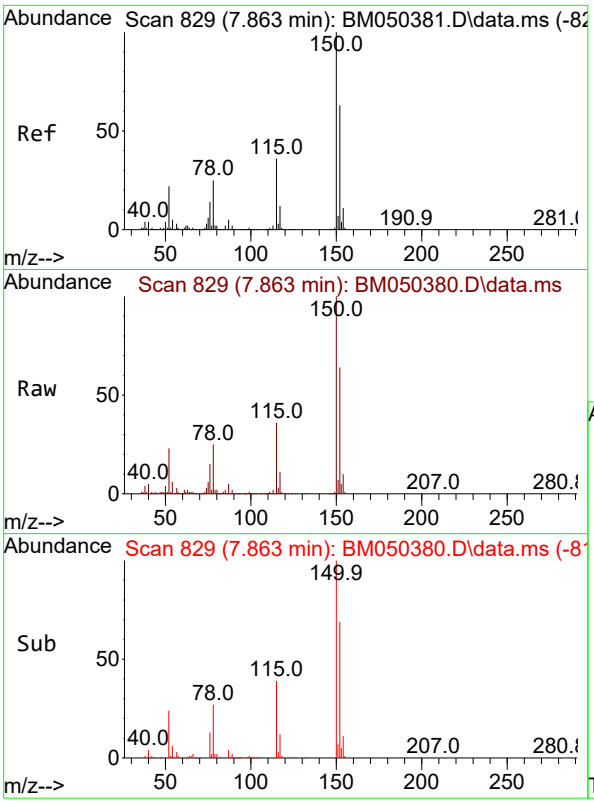
Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



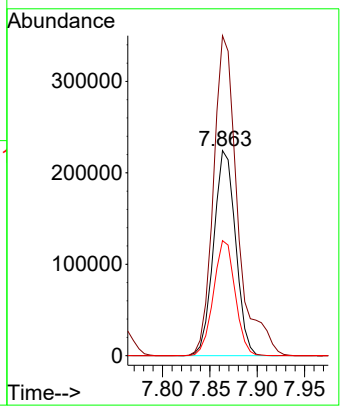


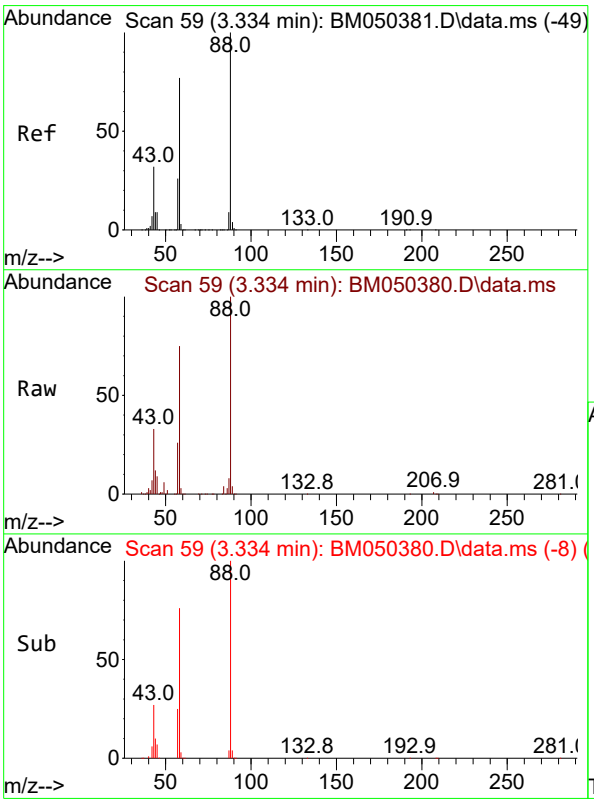
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 361505

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.4
115	56.1	45.8	68.8

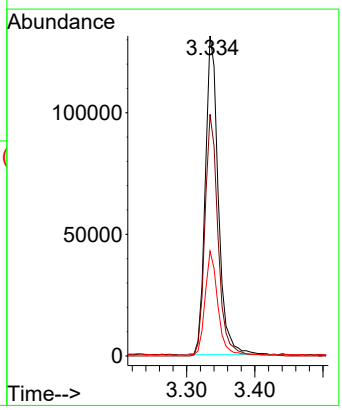


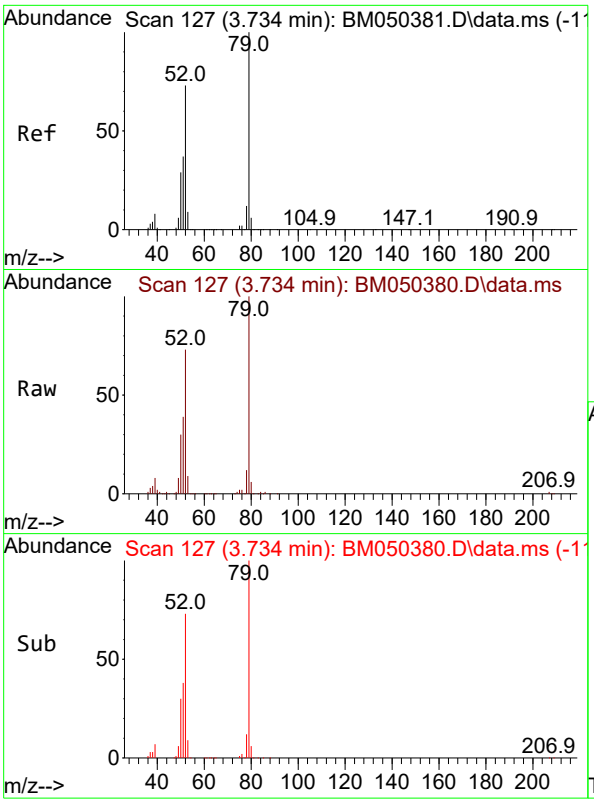


#2
1,4-Dioxane
Concen: 20.190 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 88 Resp: 174356

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.0	91.6
43	31.7	24.6	37.0



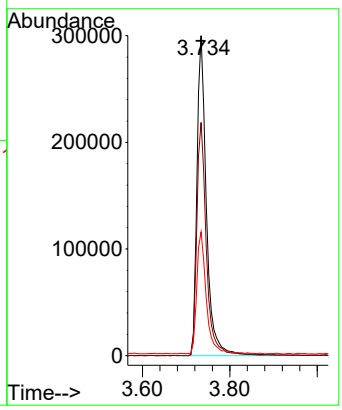


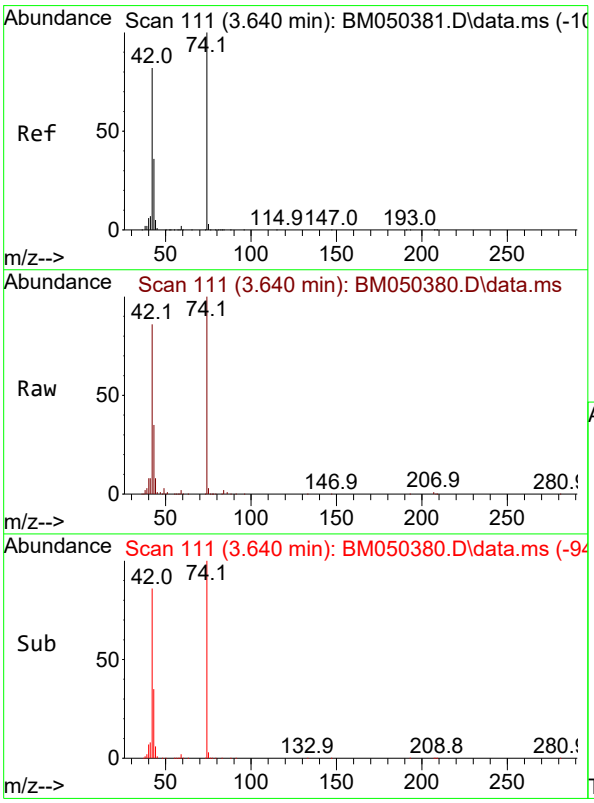
#3
Pyridine
Concen: 20.022 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 453940

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	38.7	29.6	44.4

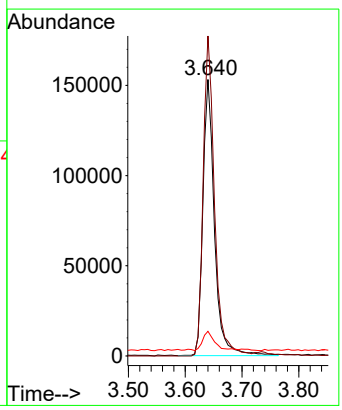


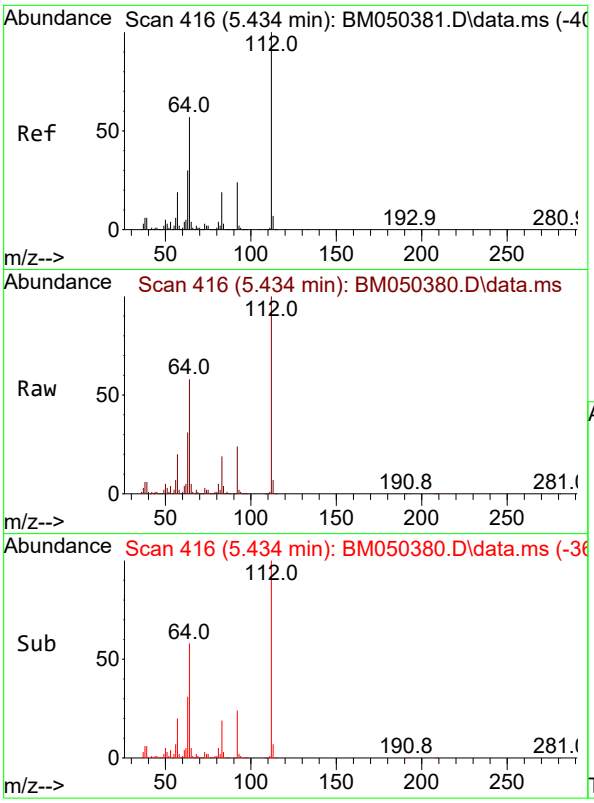


#4
n-Nitrosodimethylamine
Concen: 20.366 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 42 Resp: 215262

Ion	Ratio	Lower	Upper
42	100		
74	115.7	97.5	146.3
44	8.9	5.7	8.5#



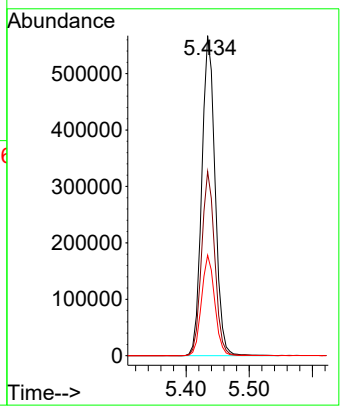


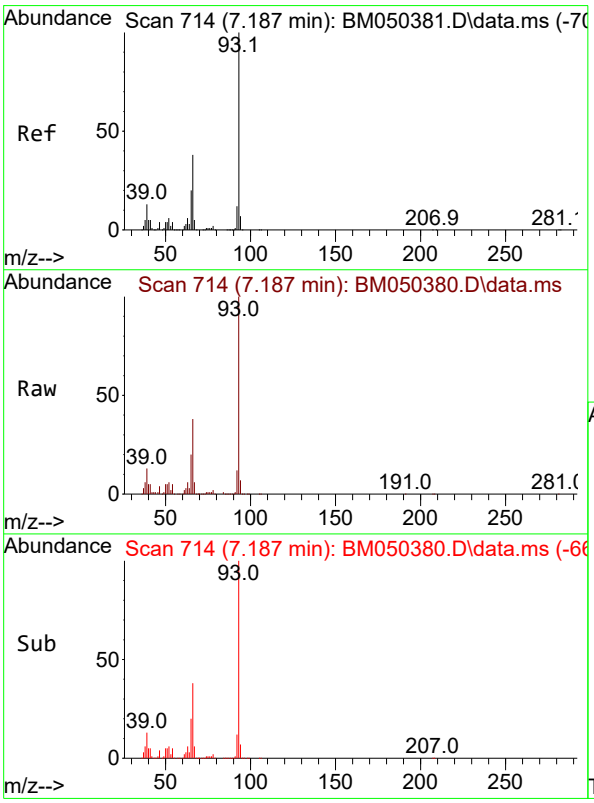
#5
2-Fluorophenol
Concen: 39.560 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 830817

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.5	68.3
63	31.4	24.2	36.4

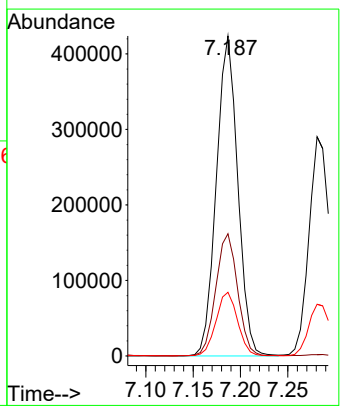


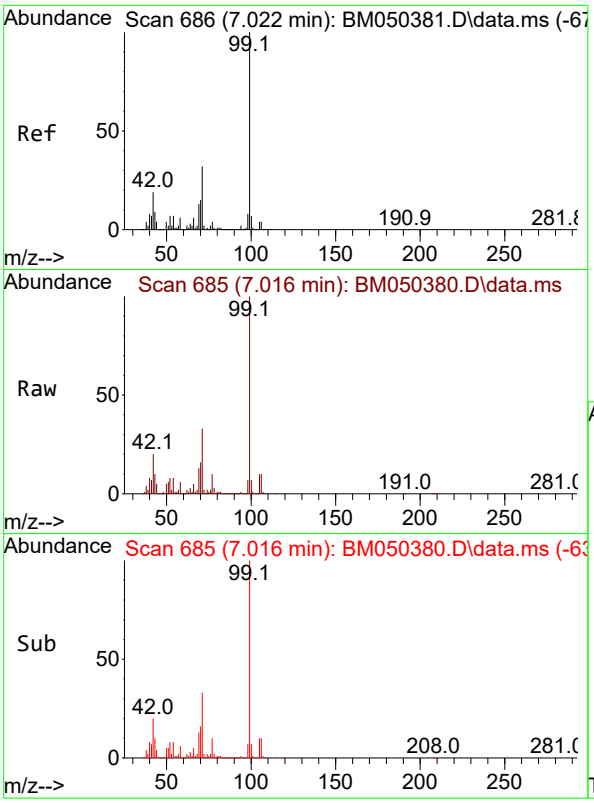


#6
Aniline
Concen: 19.625 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 666785

Ion	Ratio	Lower	Upper
93	100		
66	38.2	30.5	45.7
65	19.9	15.9	23.9



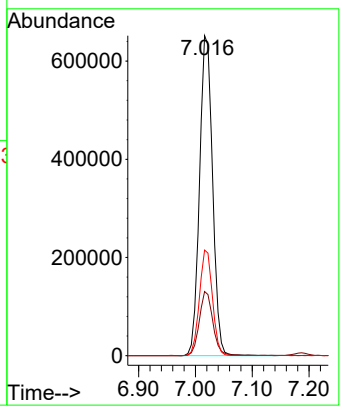


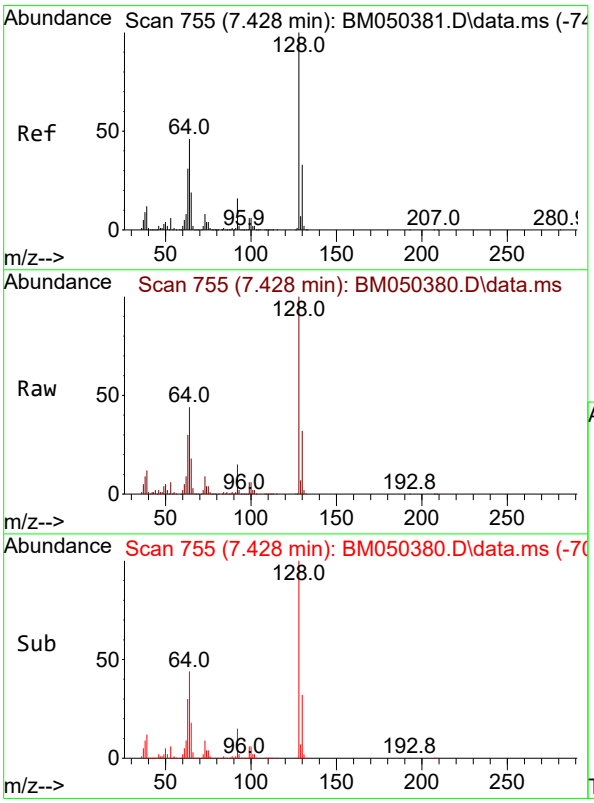
#7
Phenol-d6
Concen: 39.345 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1041640

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.0	22.6
71	33.0	25.9	38.9

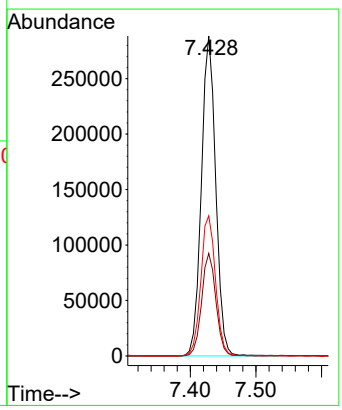


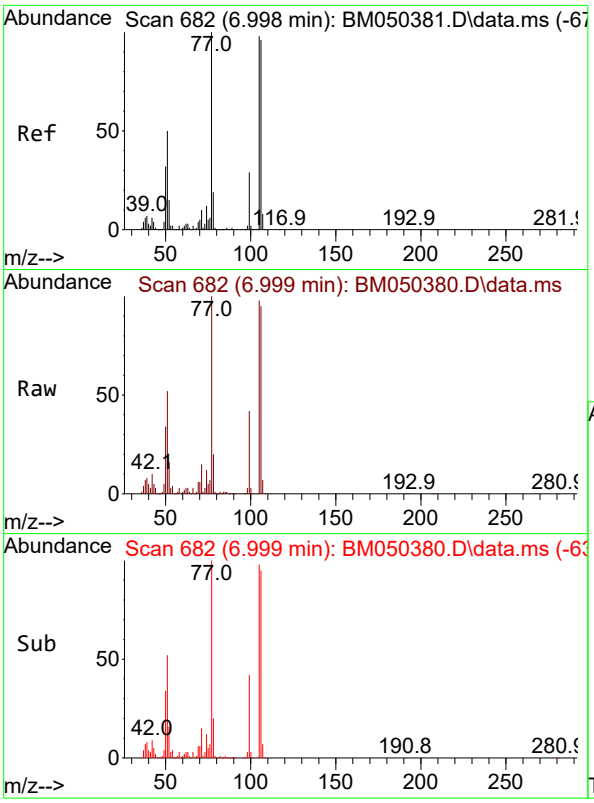


#8
2-Chlorophenol
Concen: 19.898 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:128 Resp: 440657

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	43.8	25.6	65.6



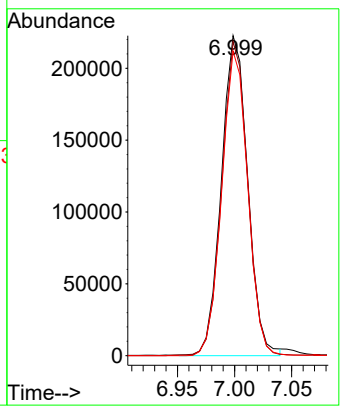


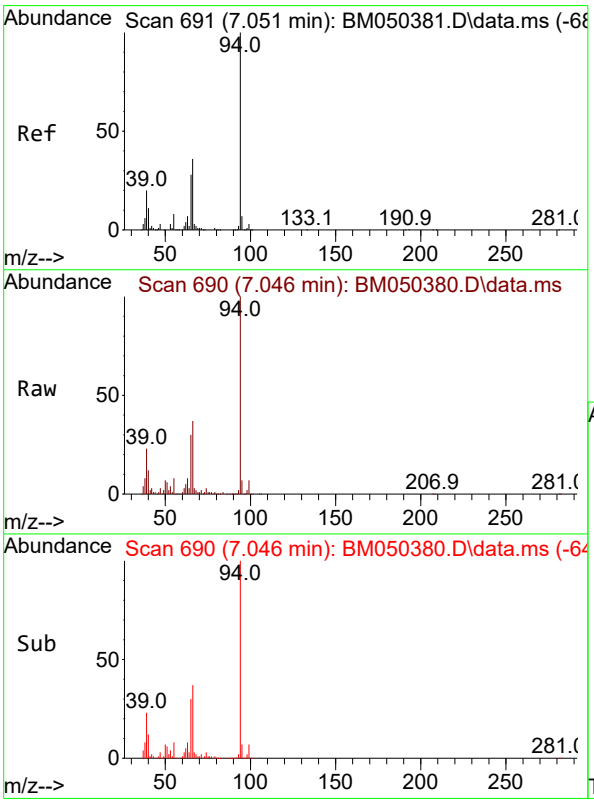
#9
Benzaldehyde
Concen: 22.600 ng m
RT: 6.999 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 355966

Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.4	118.4
106	95.2	76.3	116.3

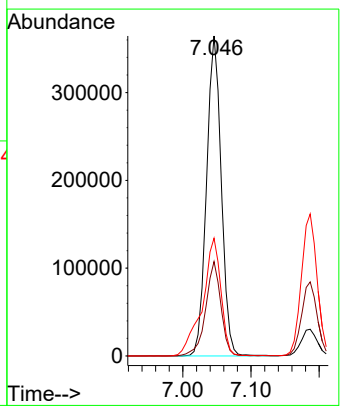


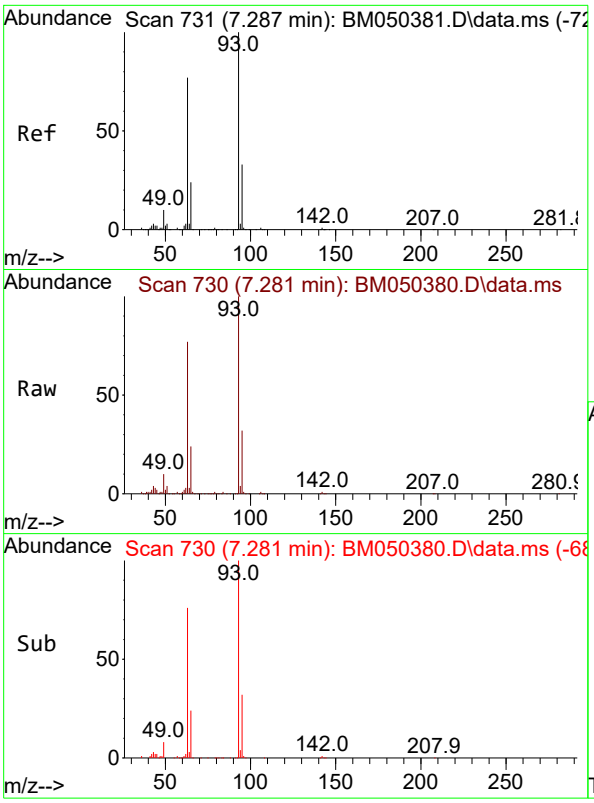


#10
Phenol
Concen: 19.845 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 94 Resp: 548000

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.1	48.1
66	36.8	15.8	55.8



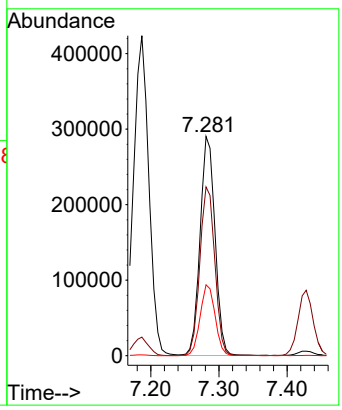


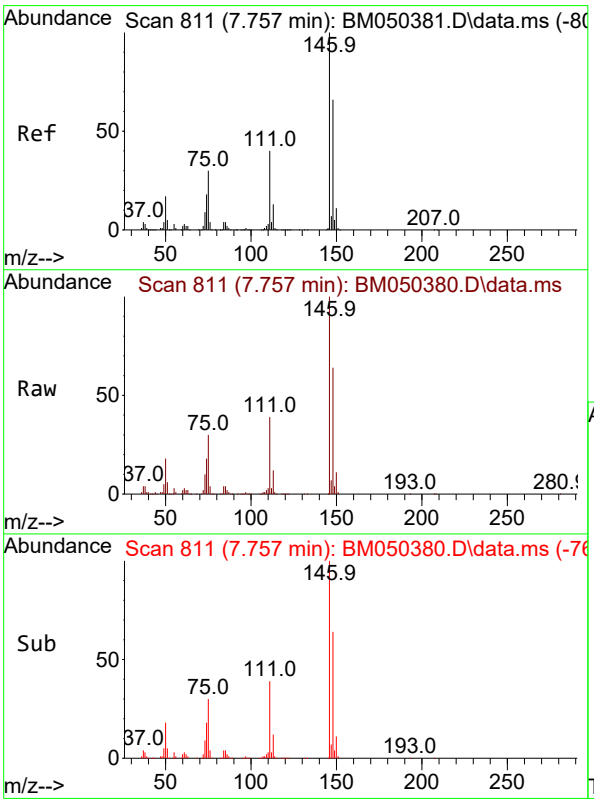
#11
bis(2-Chloroethyl)ether
Concen: 20.000 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 442290

Ion	Ratio	Lower	Upper
93	100		
63	77.0	56.9	96.9
95	32.3	12.6	52.6

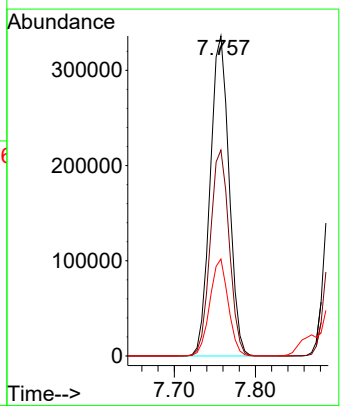


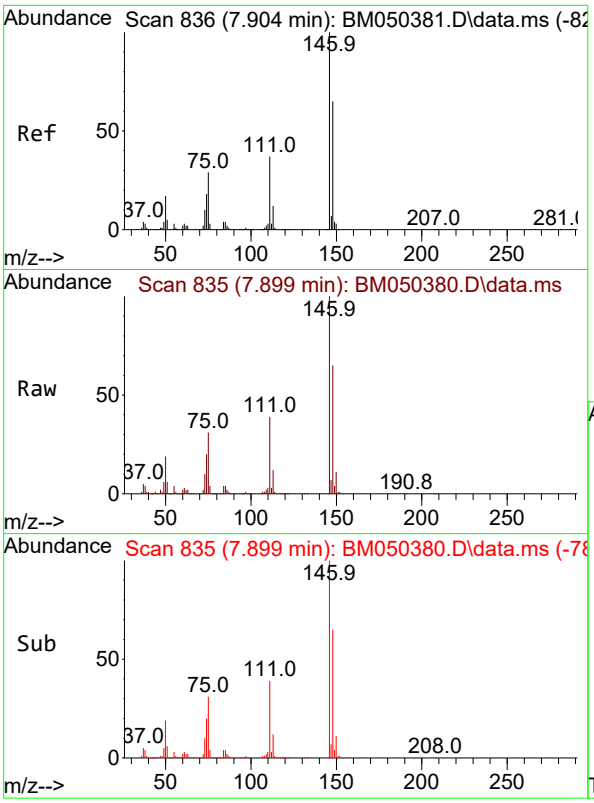


#12
1,3-Dichlorobenzene
Concen: 20.088 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 540913

Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.2	79.8
75	30.3	23.9	35.9



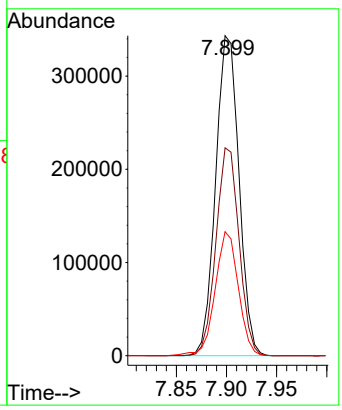


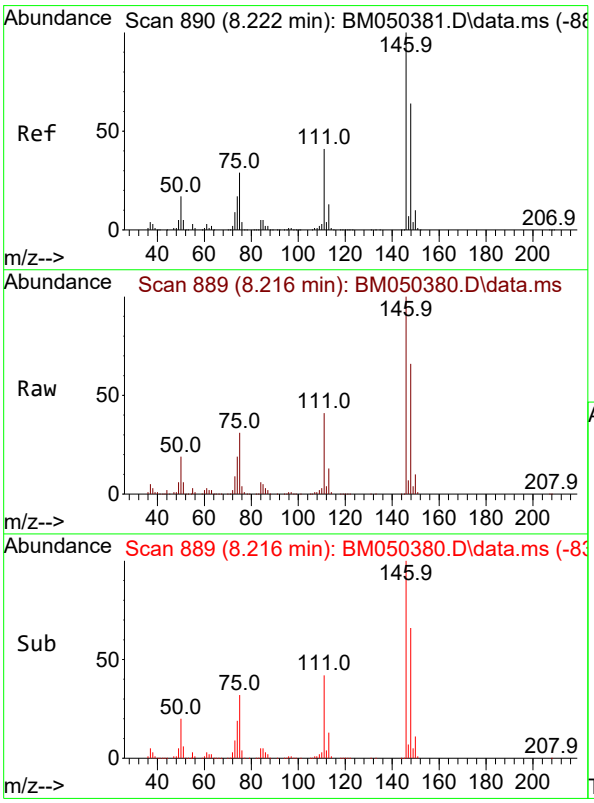
#13
1,4-Dichlorobenzene
Concen: 20.200 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 555418

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	38.8	30.0	45.0

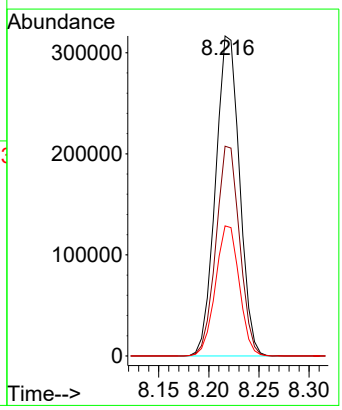


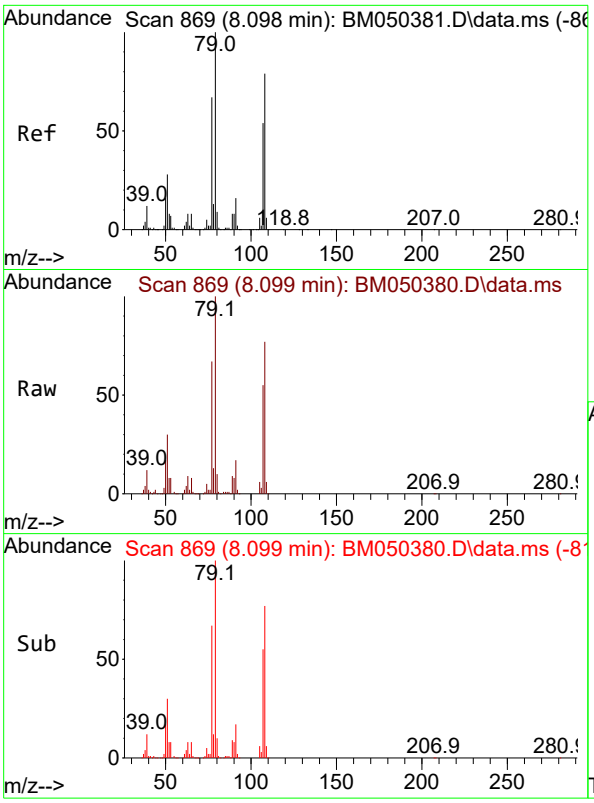


#14
1,2-Dichlorobenzene
Concen: 19.966 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 525580

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	40.6	32.6	49.0



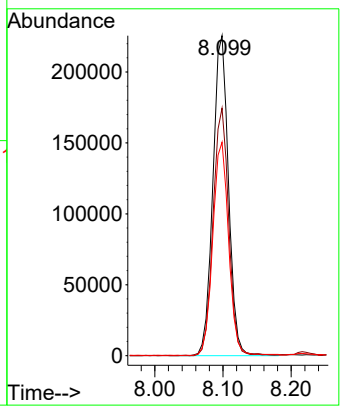


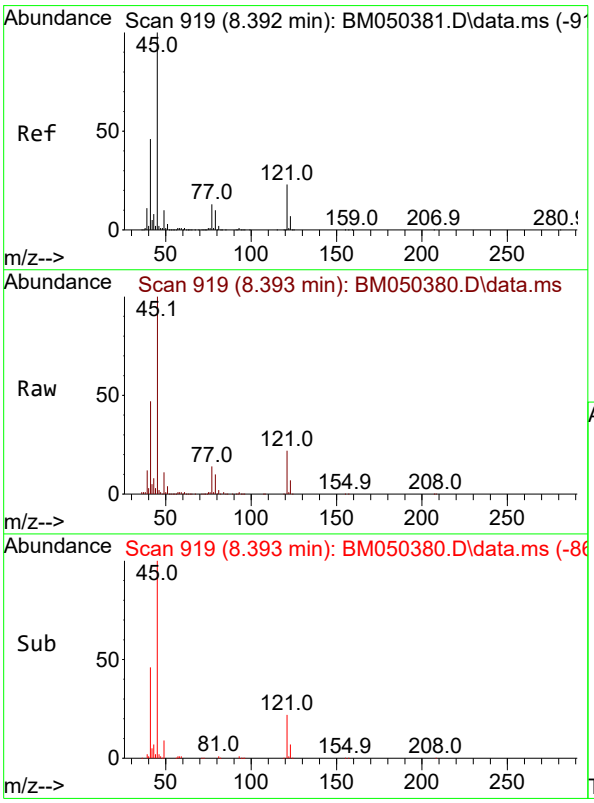
#15
Benzyl Alcohol
Concen: 19.292 ng
RT: 8.099 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 359867

Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.0	94.4
77	66.7	53.4	80.0

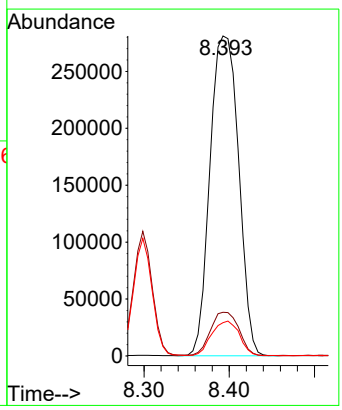


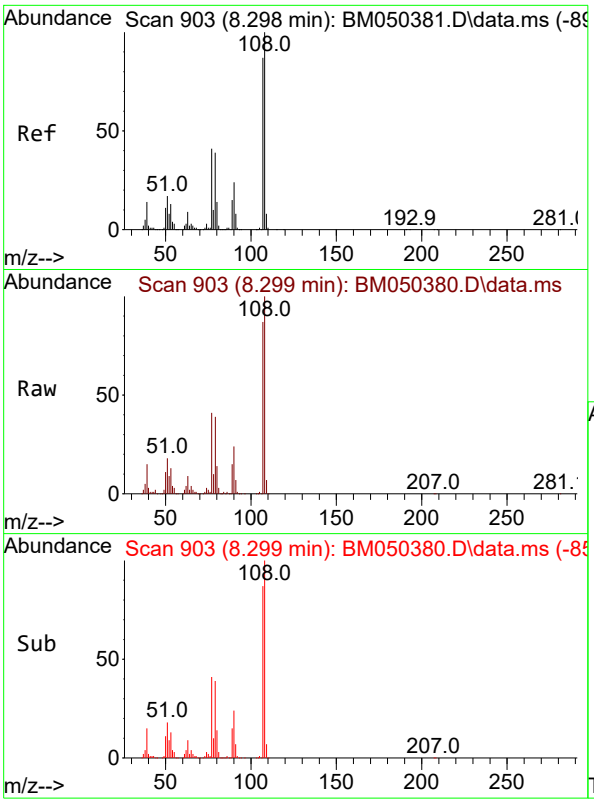


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.176 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 45 Resp: 657213

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



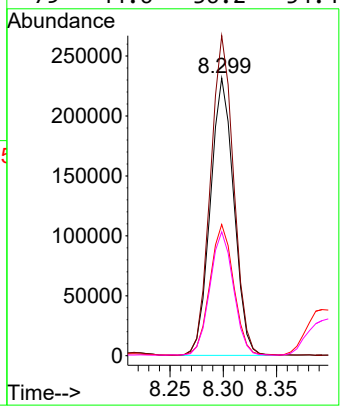


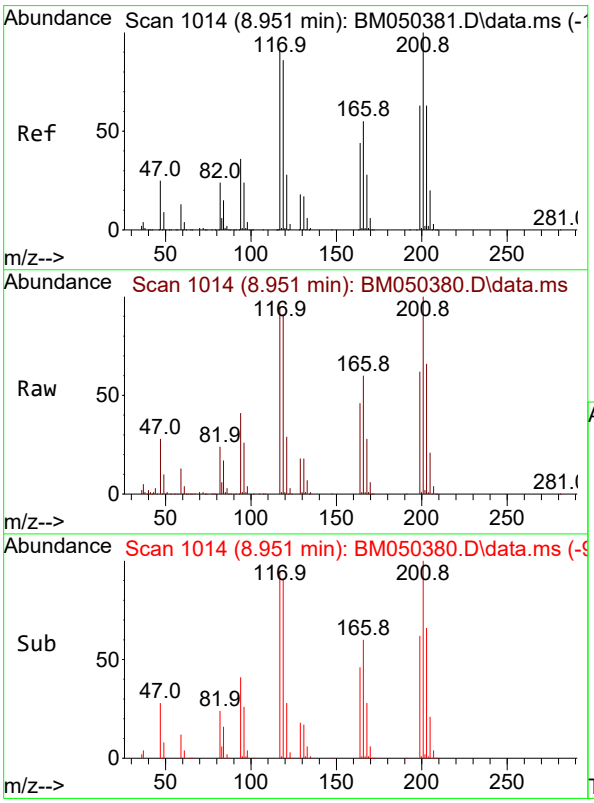
#17
2-Methylphenol
Concen: 19.772 ng
RT: 8.299 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 354110

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.1	138.1
77	47.3	38.2	57.4
79	44.6	36.2	54.4

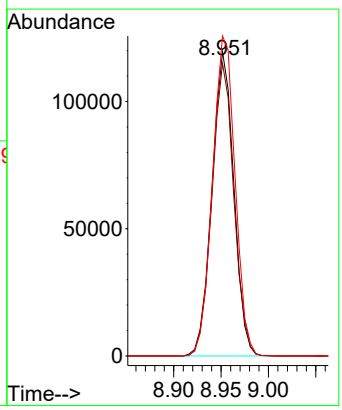


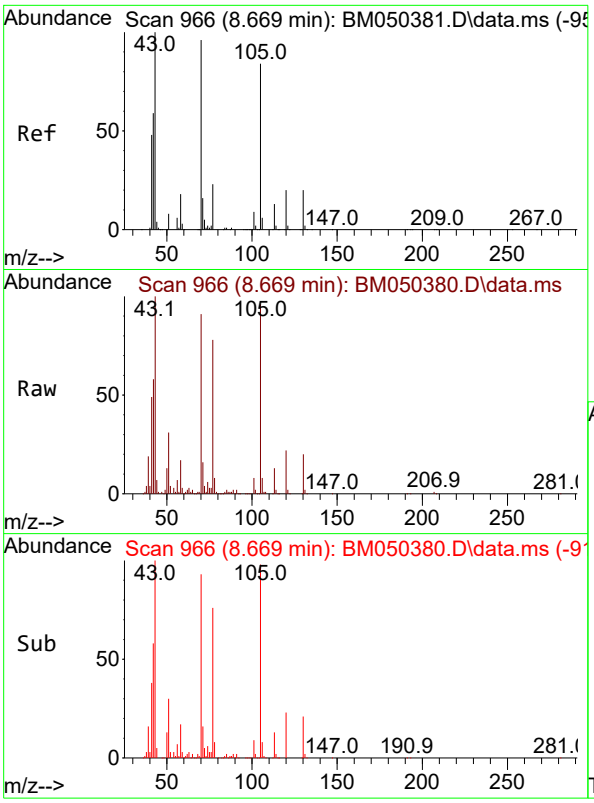


#18
Hexachloroethane
Concen: 19.883 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:117 Resp: 192269

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	105.2	87.9	131.9



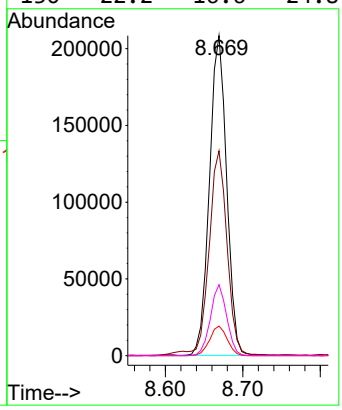


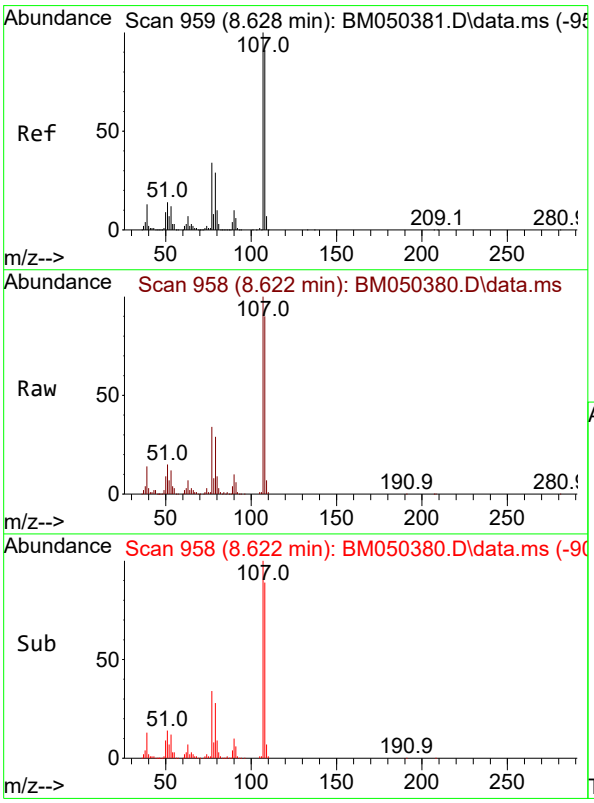
#19
n-Nitroso-di-n-propylamine
Concen: 20.010 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 320932

Ion	Ratio	Lower	Upper
70	100		
42	64.0	49.7	74.5
101	9.2	7.7	11.5
130	22.2	16.6	24.8

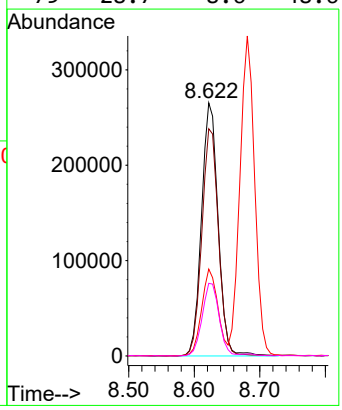


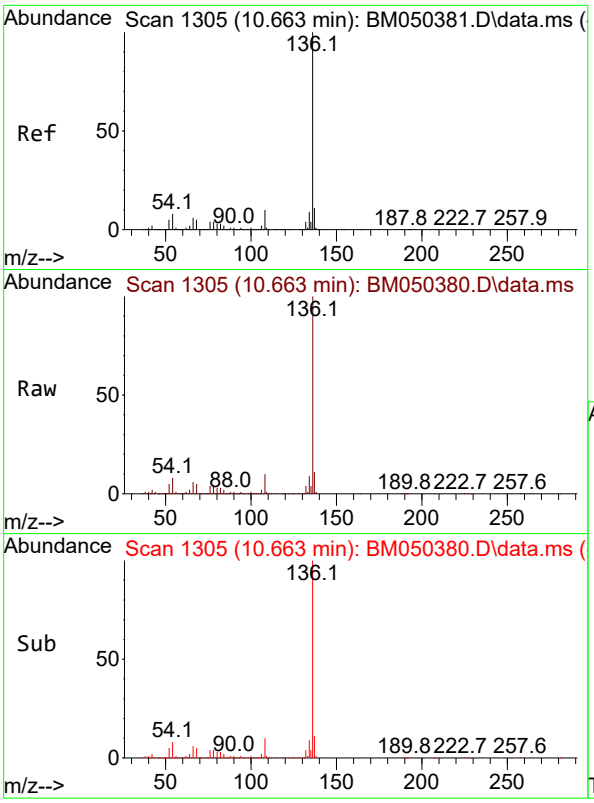


#20
3+4-Methylphenols
Concen: 19.493 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 468665

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	34.3	13.7	53.7
79	28.7	8.6	48.6



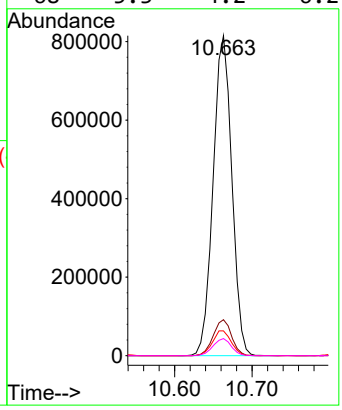


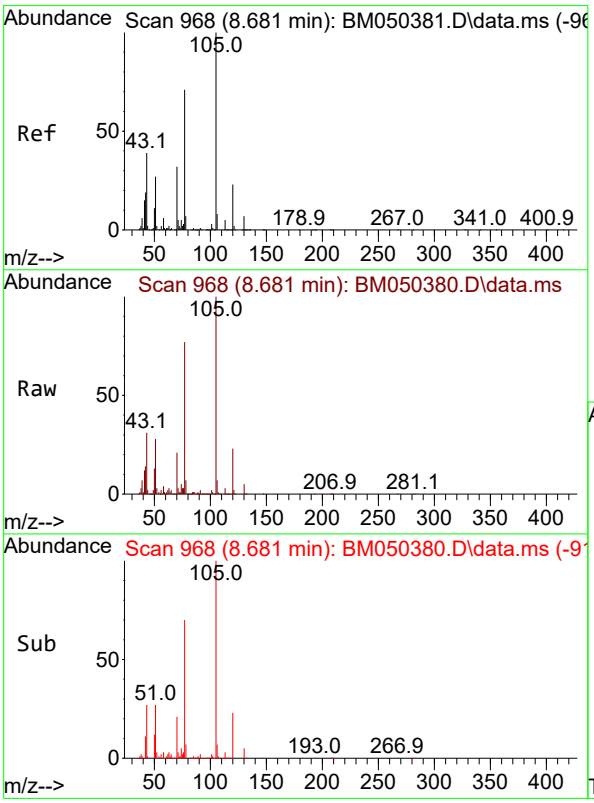
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1364913

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2

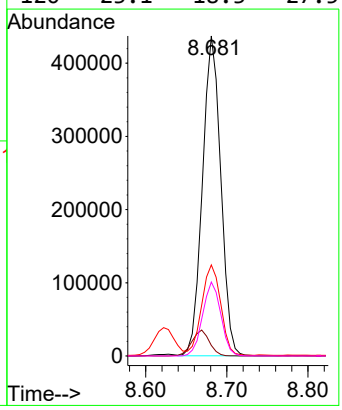


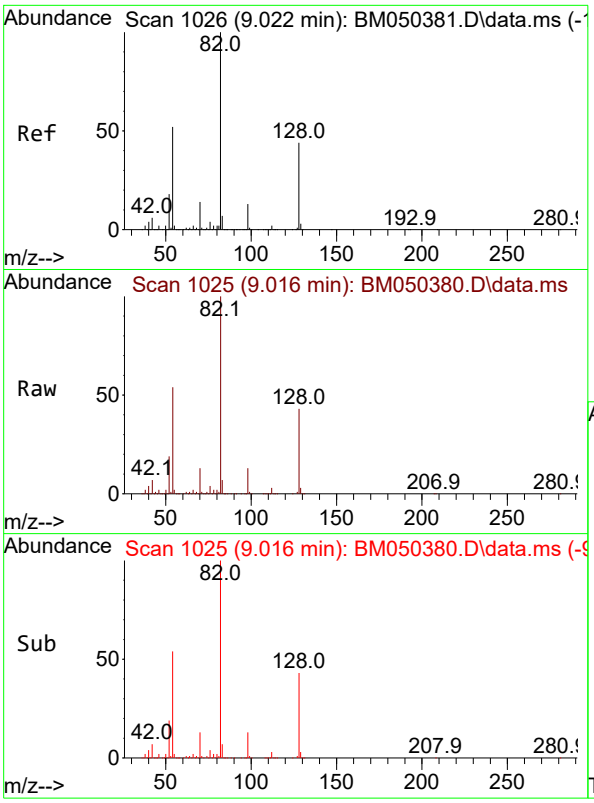


#22
Acetophenone
Concen: 20.046 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:105 Resp: 684104

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	28.4	23.0	34.6
120	23.1	18.3	27.5



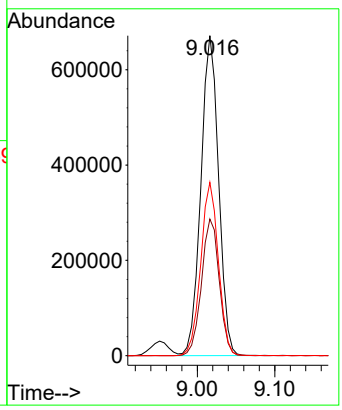


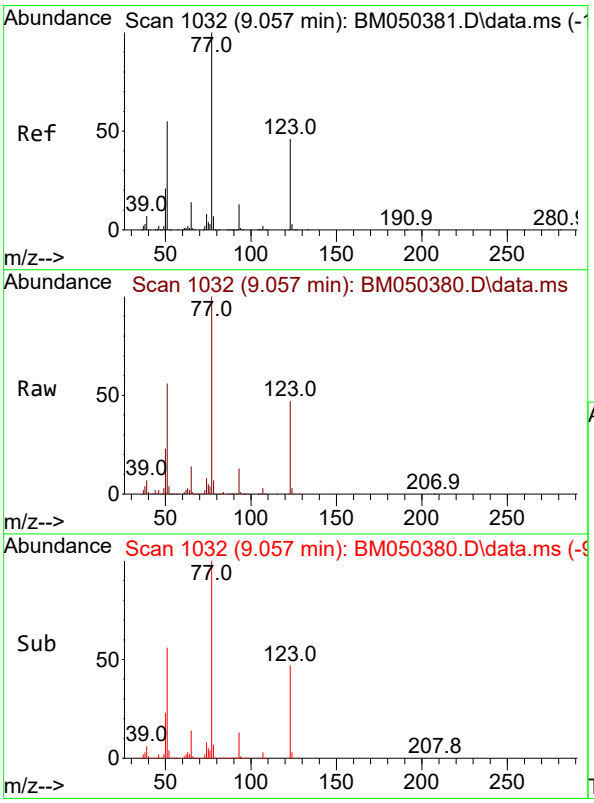
#23
Nitrobenzene-d5
Concen: 39.813 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1065139

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	54.1	41.5	62.3

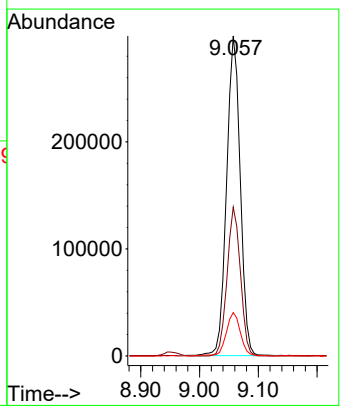


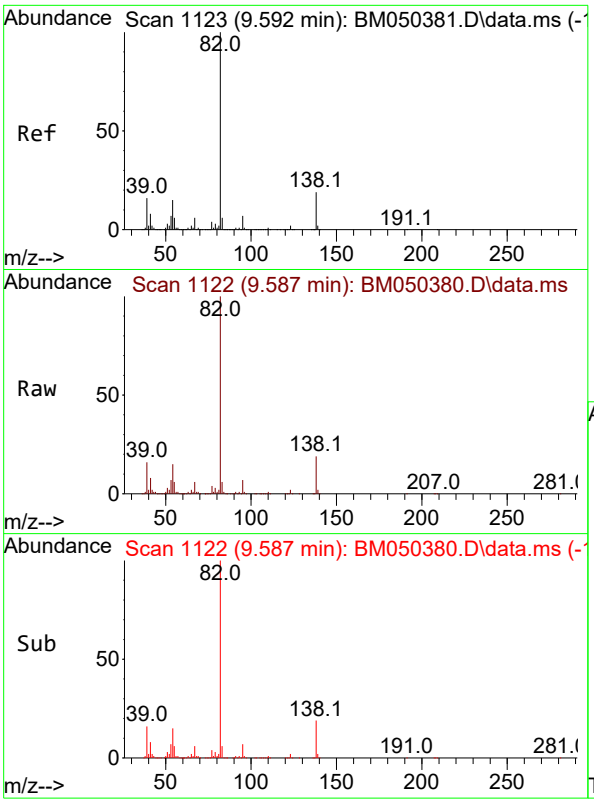


#24
Nitrobenzene
Concen: 20.179 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 77 Resp: 481755

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.6
65	13.5	11.0	16.4



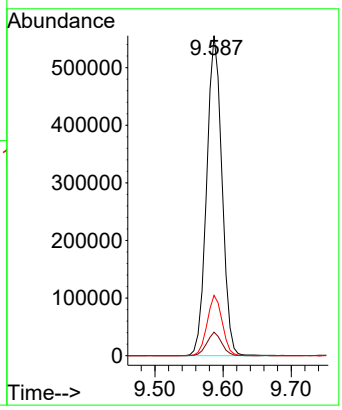


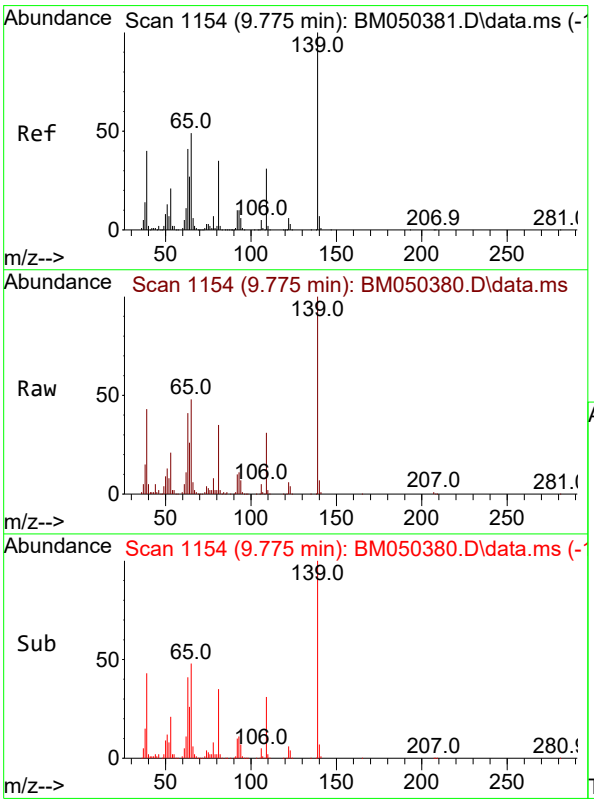
#25
Isophorone
Concen: 19.946 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 865912

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.8	15.3	22.9

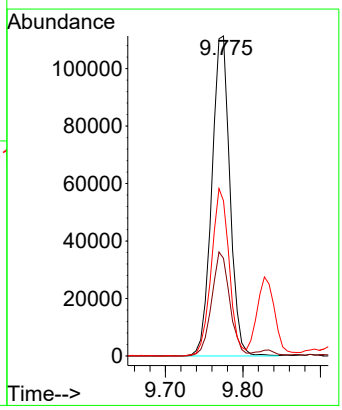


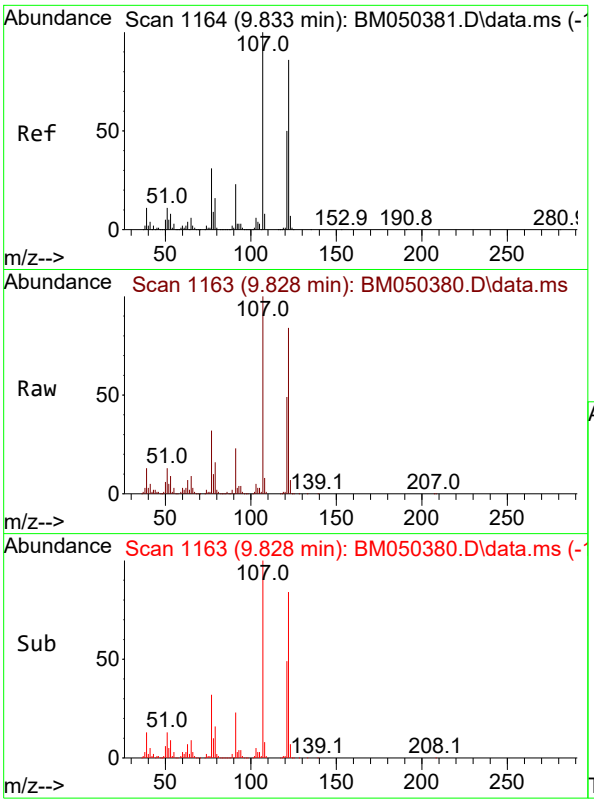


#26
2-Nitrophenol
Concen: 18.532 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 180315

Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.6	36.8
65	48.5	39.2	58.8



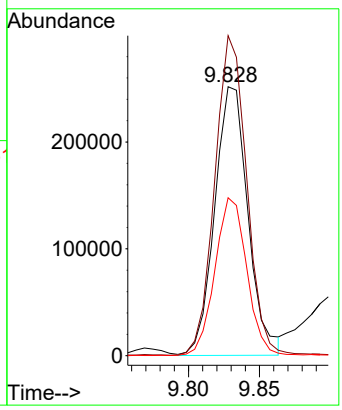


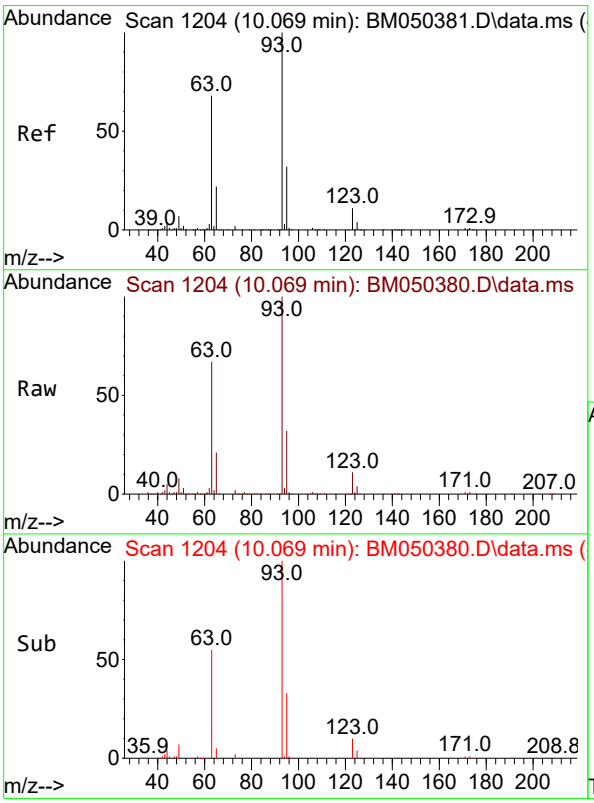
#27
2,4-Dimethylphenol
Concen: 19.828 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 410521

Ion	Ratio	Lower	Upper
122	100		
107	119.0	93.0	139.6
121	58.7	46.1	69.1

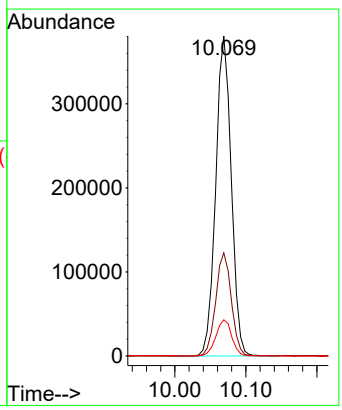


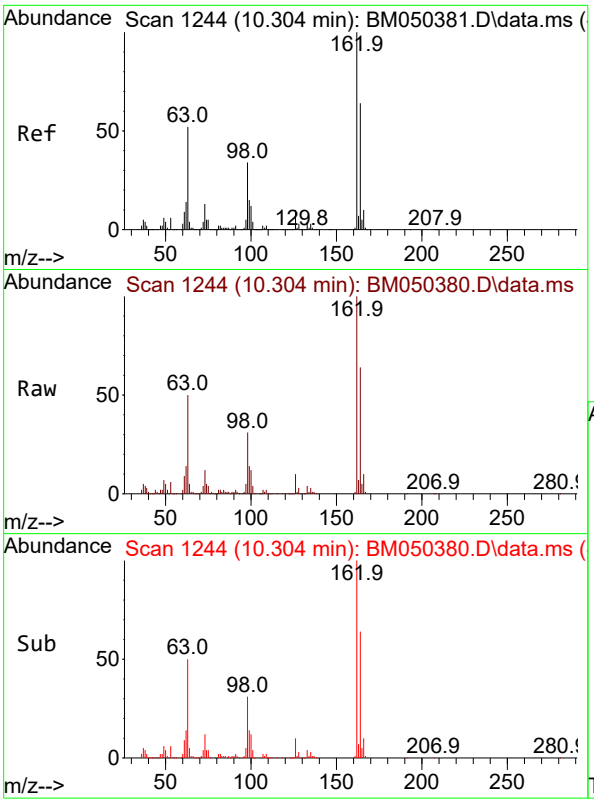


#28
bis(2-Chloroethoxy)methane
Concen: 20.023 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 575979

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.3	9.1	13.7



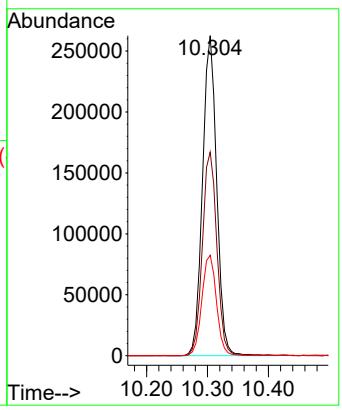


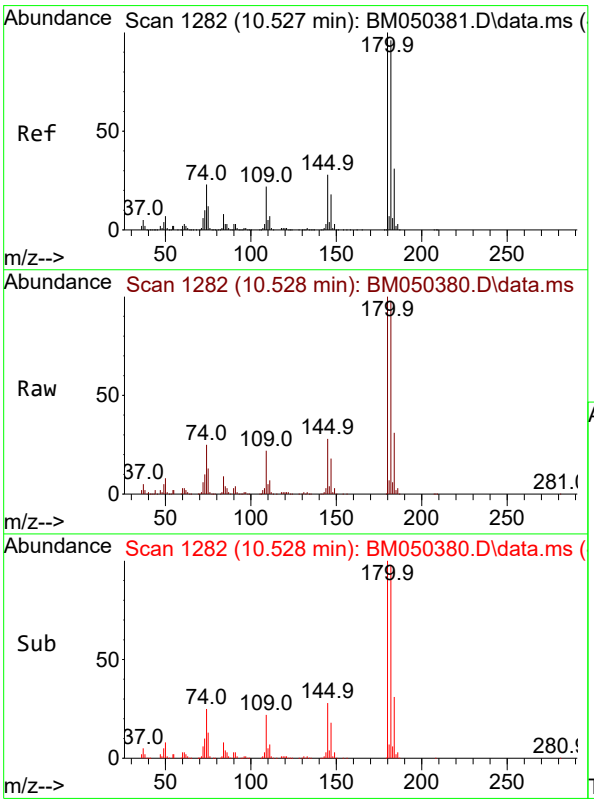
#29
2,4-Dichlorophenol
Concen: 19.970 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 424771

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	31.4	13.7	53.7

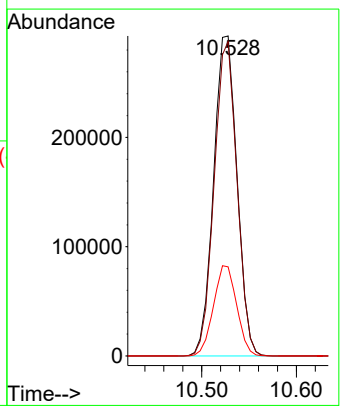


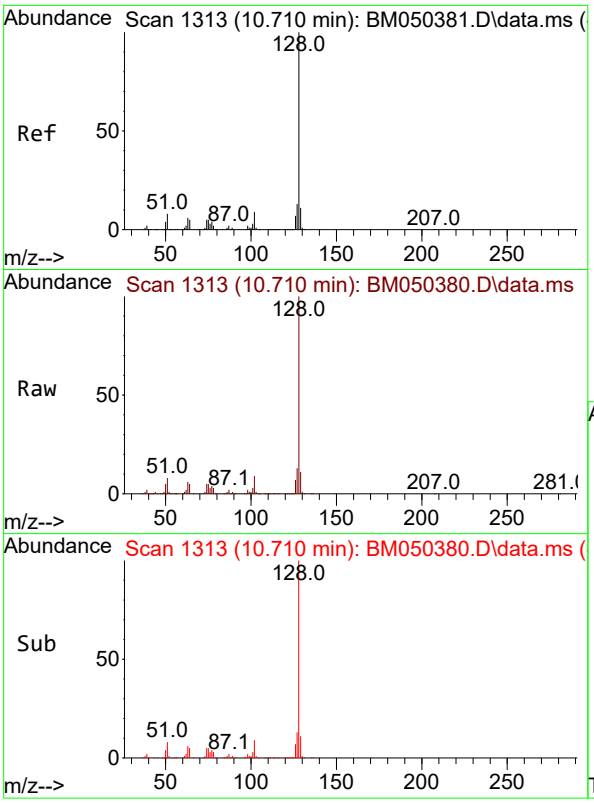


#30
1,2,4-Trichlorobenzene
Concen: 19.769 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:180 Resp: 503042

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	27.9	22.6	33.8



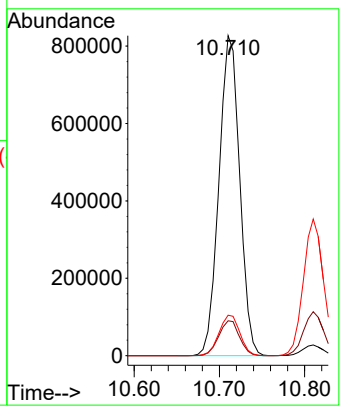


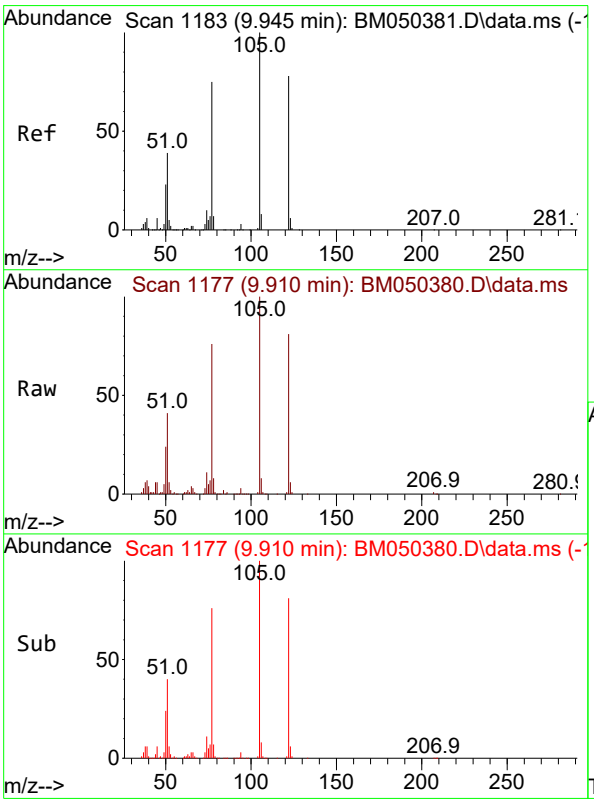
#31
Naphthalene
Concen: 20.160 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1397680

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.7	10.4	15.6

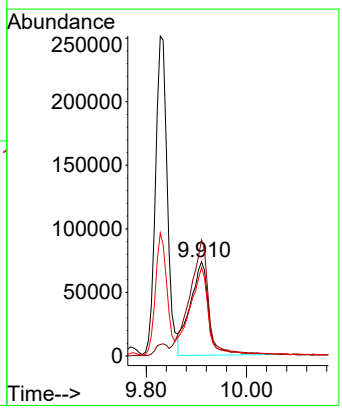


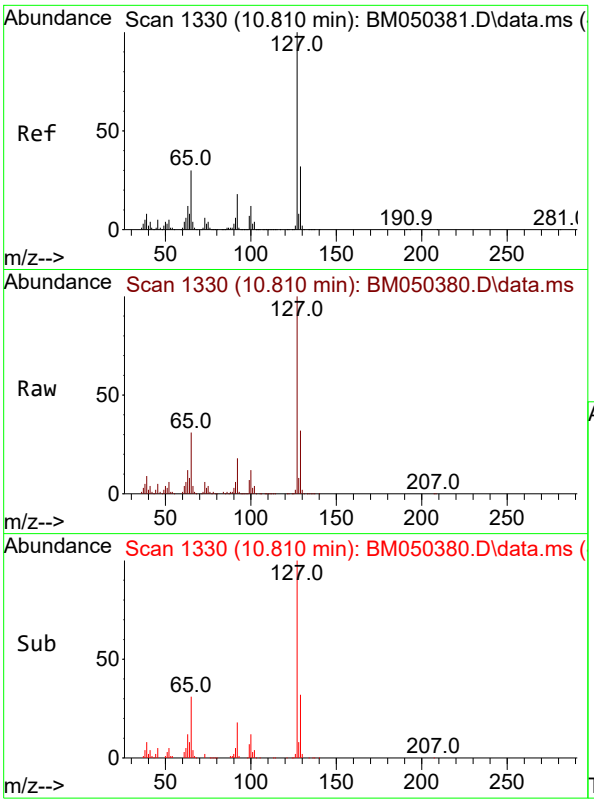


#32
Benzoic acid
Concen: 19.011 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:122 Resp: 189237

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.0	144.0
77	93.9	73.8	113.8



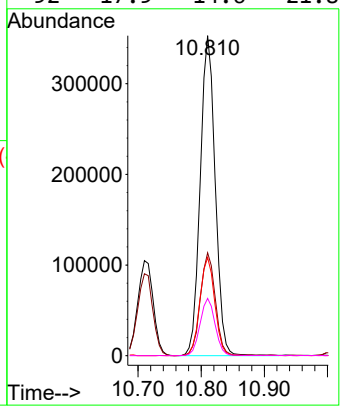


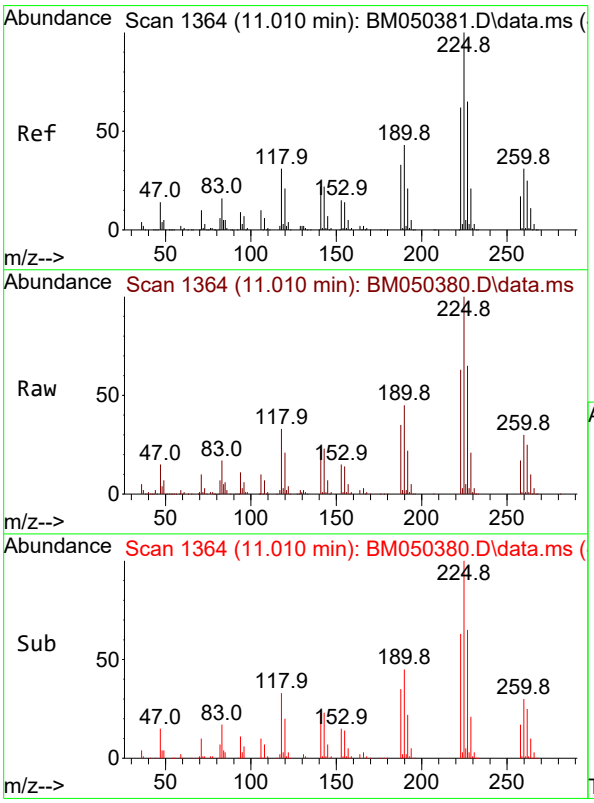
#33
4-Chloroaniline
Concen: 19.867 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 582272

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	30.7	23.9	35.9
92	17.9	14.6	21.8

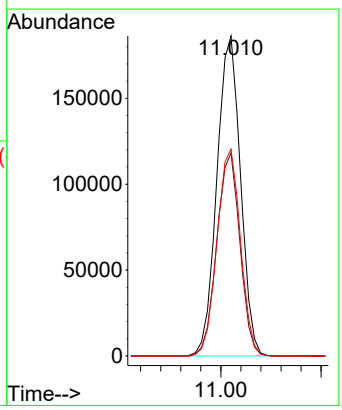


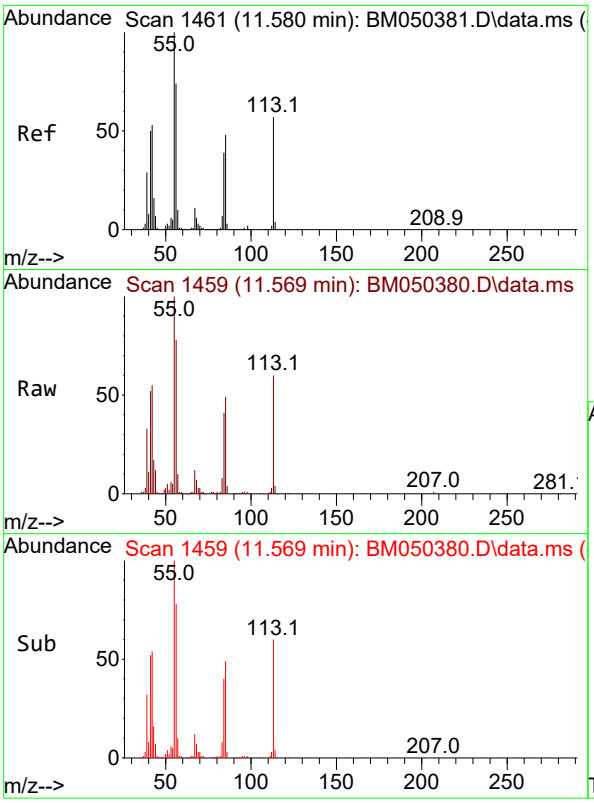


#34
Hexachlorobutadiene
Concen: 19.552 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:225 Resp: 303657

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.7	52.1	78.1



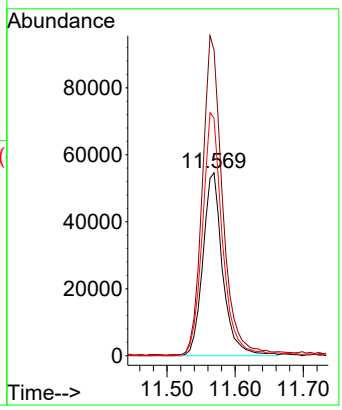


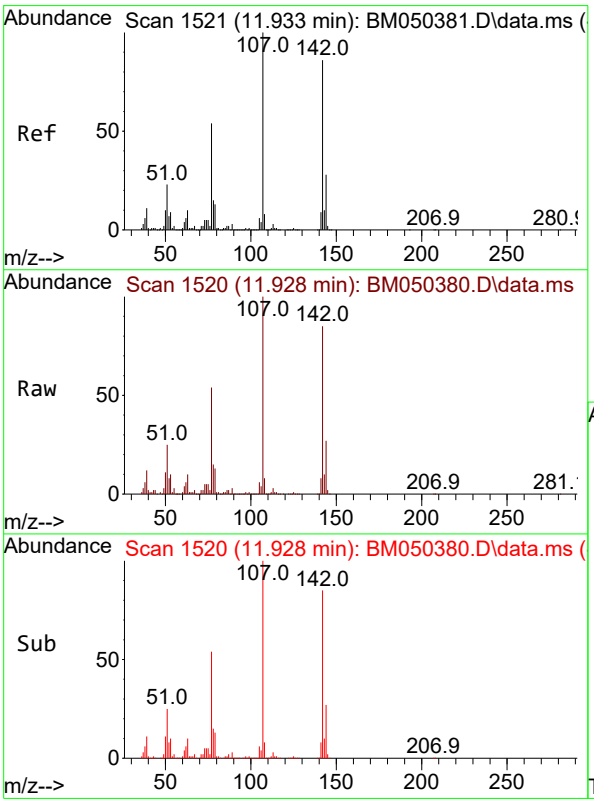
#35
Caprolactam
Concen: 18.951 ng
RT: 11.569 min Scan# 14
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 110042

Ion	Ratio	Lower	Upper
113	100		
55	167.1	157.2	197.2
56	130.0	111.7	151.7

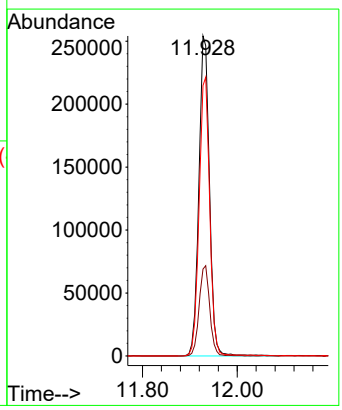


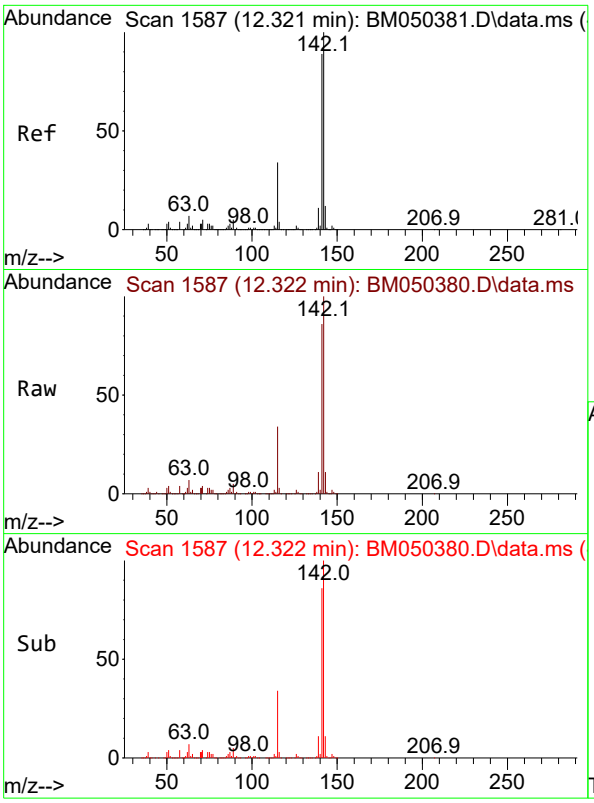


#36
4-Chloro-3-methylphenol
Concen: 19.804 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 393366

Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.4
142	84.5	68.7	103.1



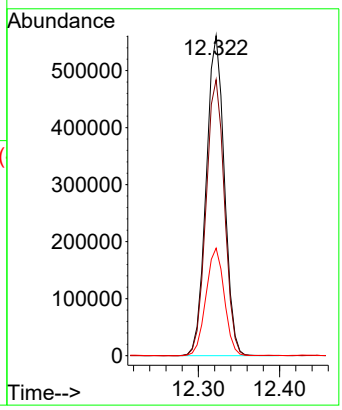


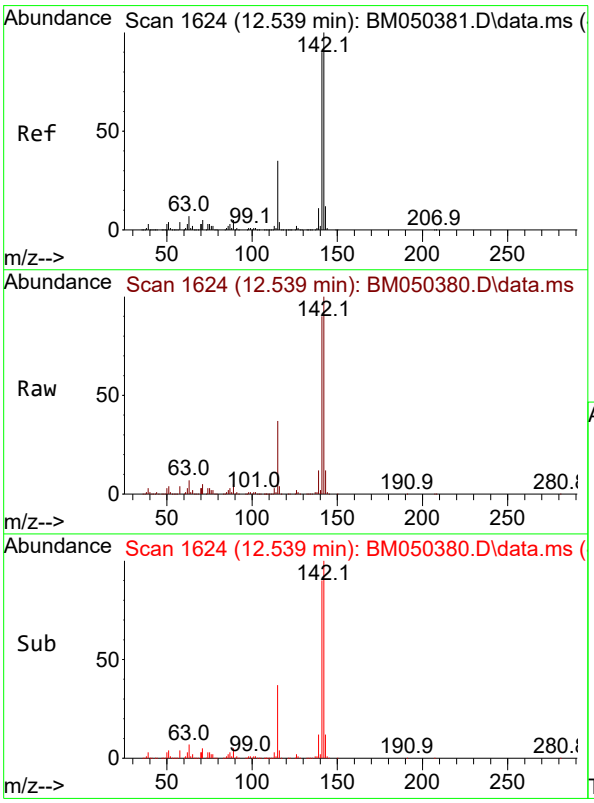
#37
2-Methylnaphthalene
Concen: 19.906 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 871365

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	33.6	27.0	40.4

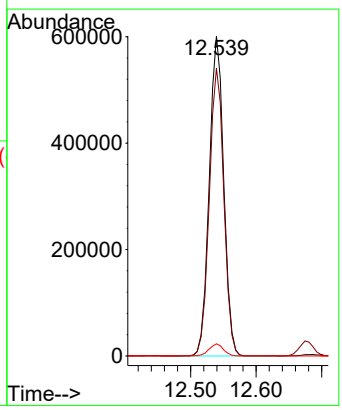


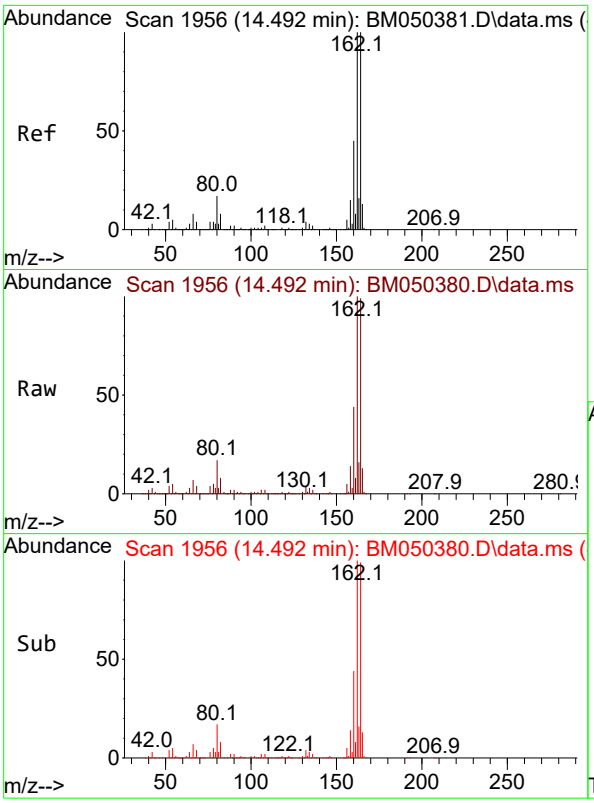


#38
1-Methylnaphthalene
Concen: 19.872 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:142 Resp: 920592

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
116	3.8	3.0	4.6



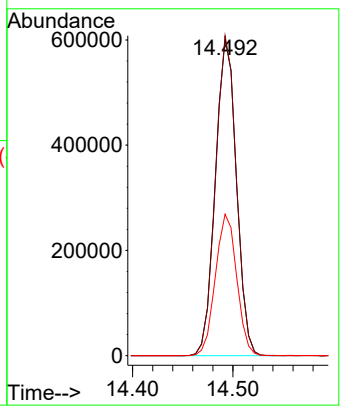


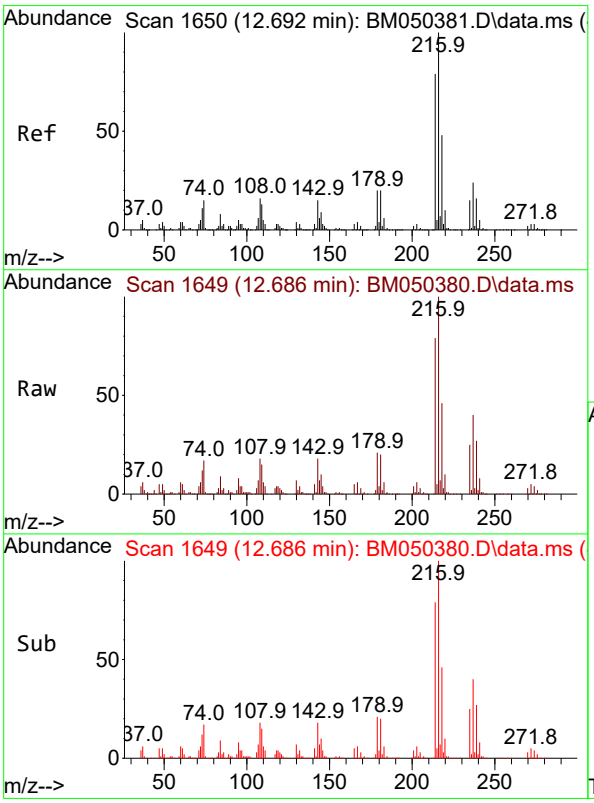
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 879171

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.7	36.2	54.4

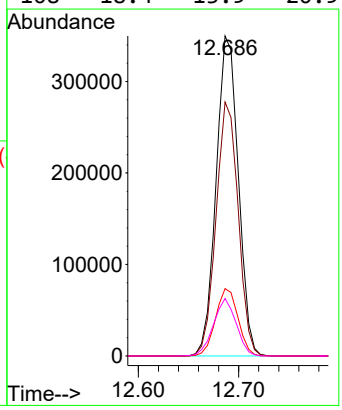


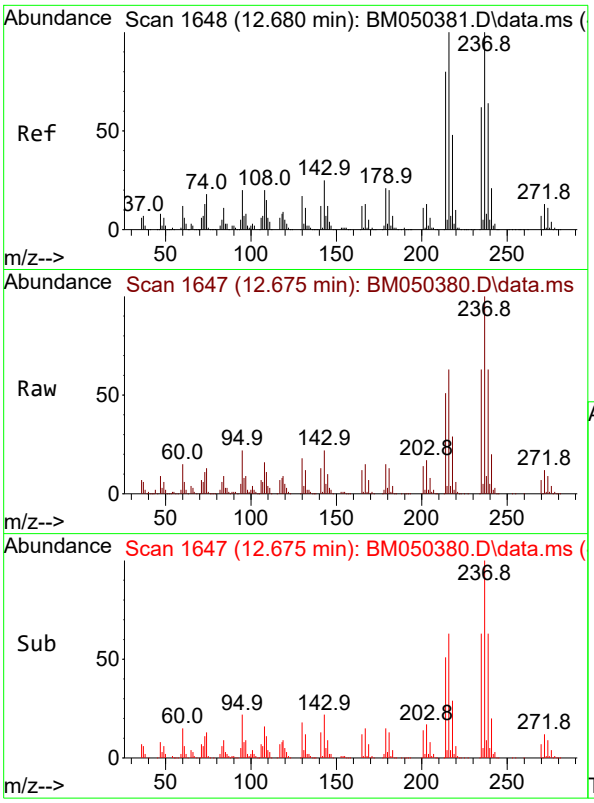


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.205 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:216 Resp: 536934

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	21.3	16.4	24.6
108	18.4	13.9	20.9



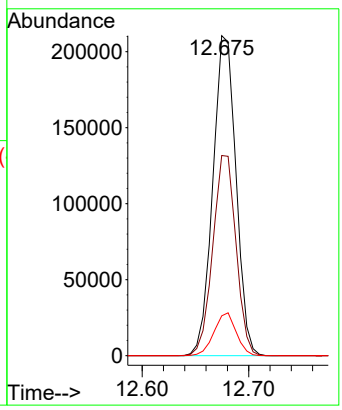


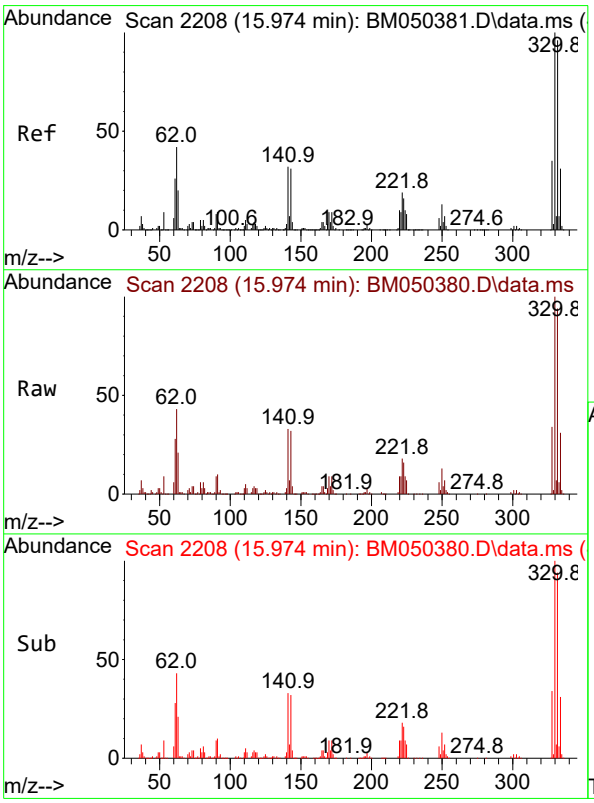
#41
Hexachlorocyclopentadiene
Concen: 17.766 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 317506

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.3	82.3
272	12.5	0.0	33.0

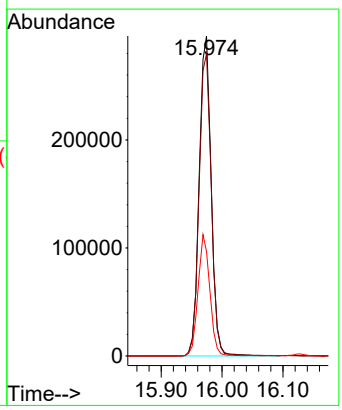


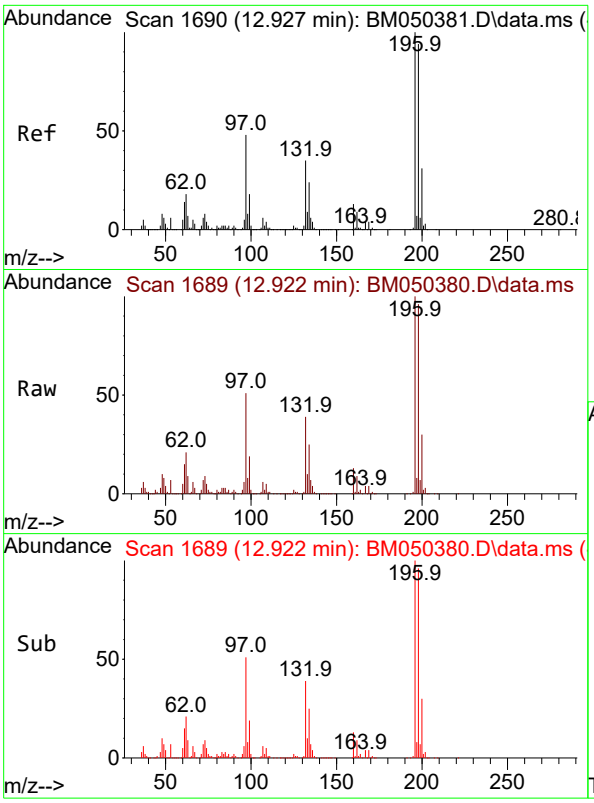


#42
2,4,6-Tribromophenol
Concen: 37.846 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:330 Resp: 404270

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	37.3	27.4	41.0



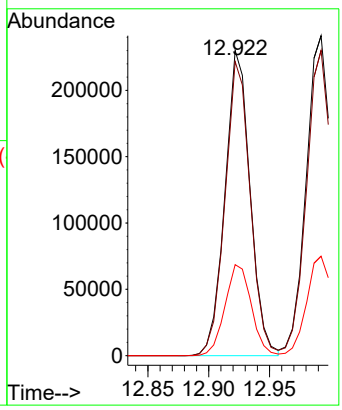


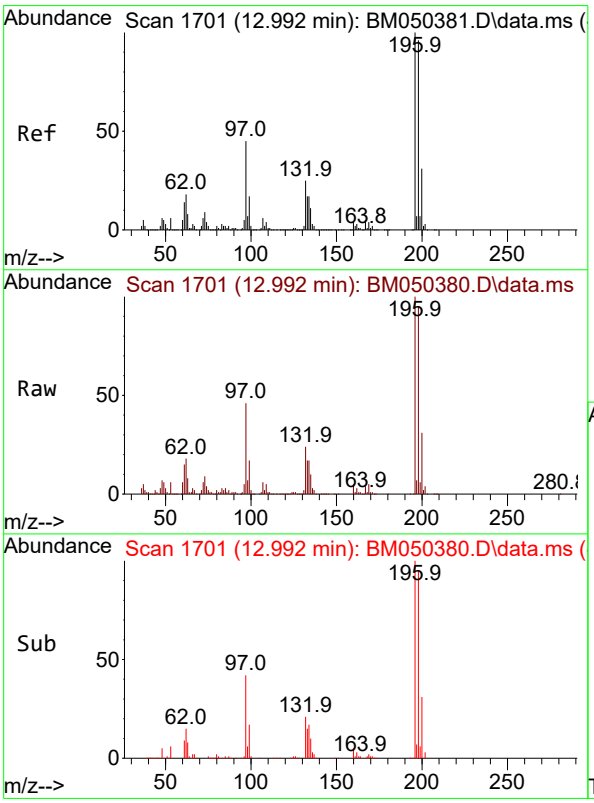
#43
2,4,6-Trichlorophenol
Concen: 19.263 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 331504

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	29.8	24.6	37.0

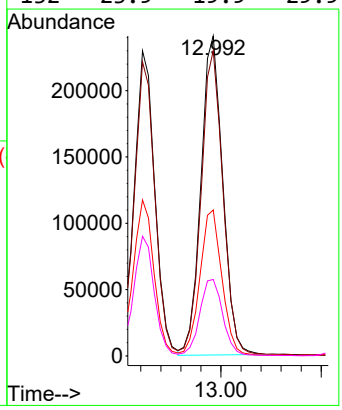


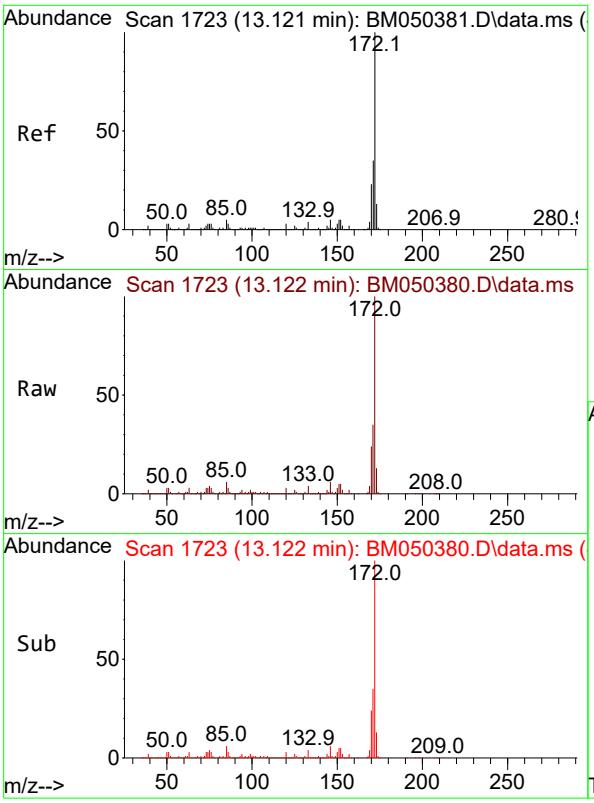


#44
2,4,5-Trichlorophenol
Concen: 19.408 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:196 Resp: 364770

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	45.6	36.2	54.4
132	23.9	19.9	29.9



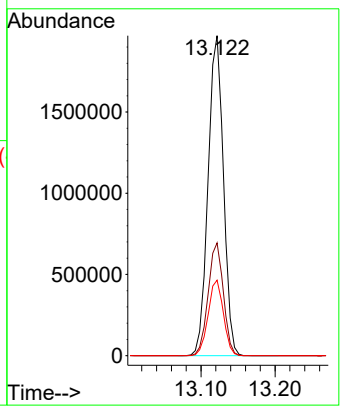


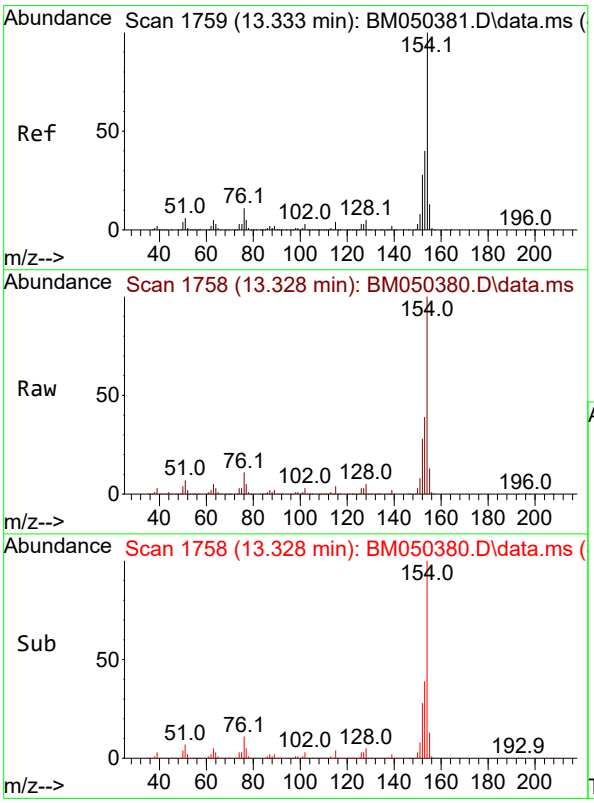
#45
2-Fluorobiphenyl
Concen: 39.780 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2831991

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.7	41.5
170	23.6	18.8	28.2

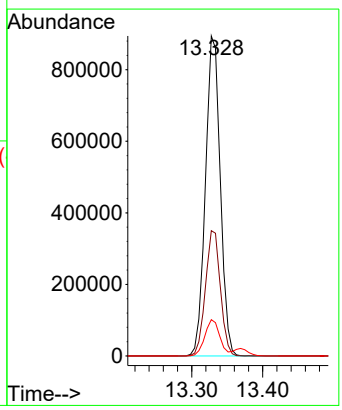


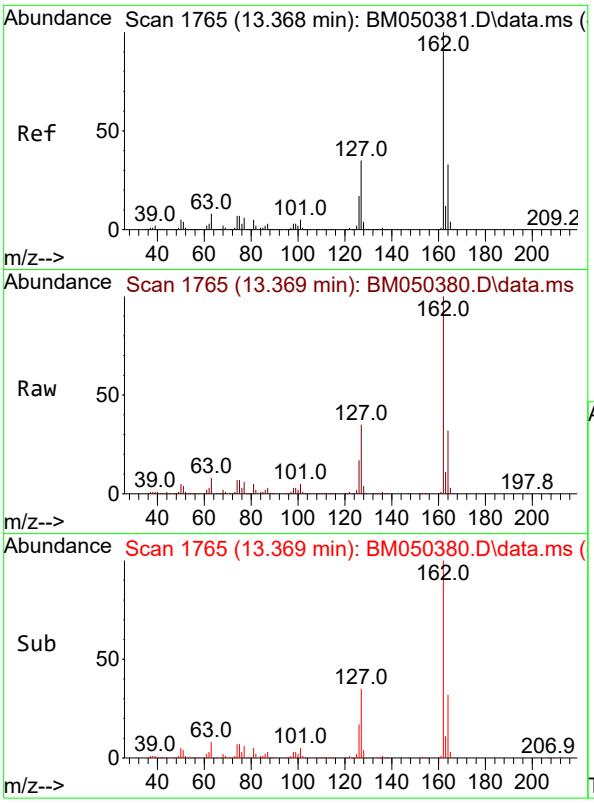


#46
1,1'-Biphenyl
Concen: 19.936 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 1300397

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	11.4	0.0	30.9



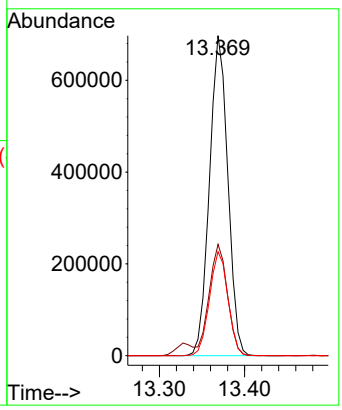


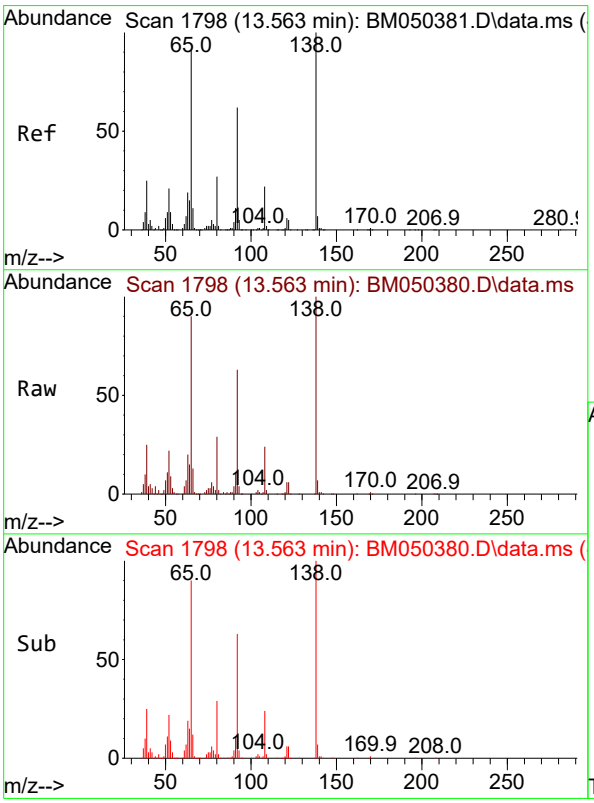
#47
2-Chloronaphthalene
Concen: 20.066 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1043593

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	32.5	26.6	40.0

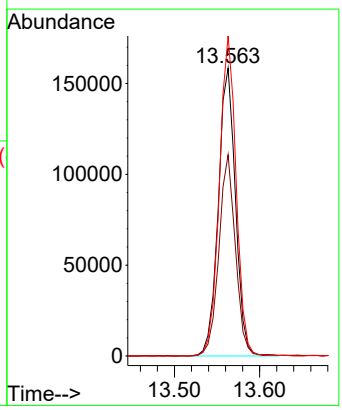


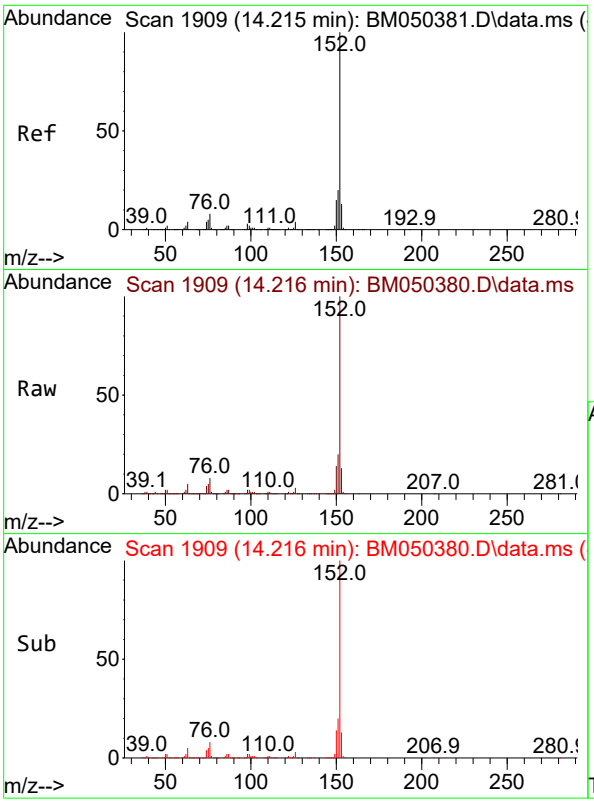


#48
2-Nitroaniline
Concen: 19.132 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 65 Resp: 222094

Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.3	81.5
138	111.1	87.8	131.6



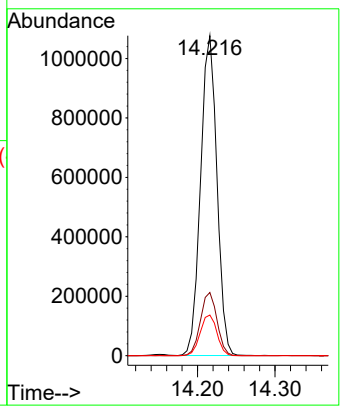


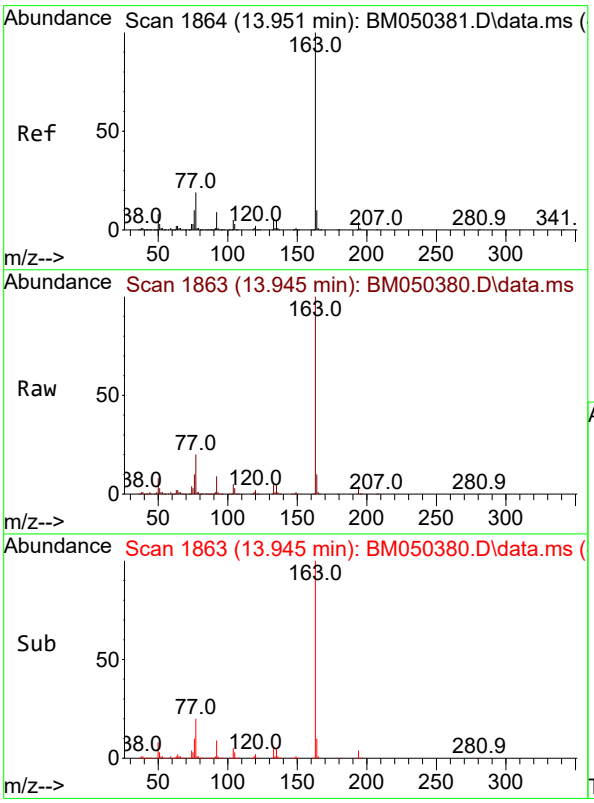
#49
Acenaphthylene
Concen: 20.078 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1578057

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.7	10.6	15.8

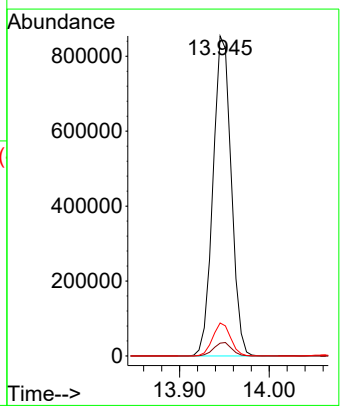


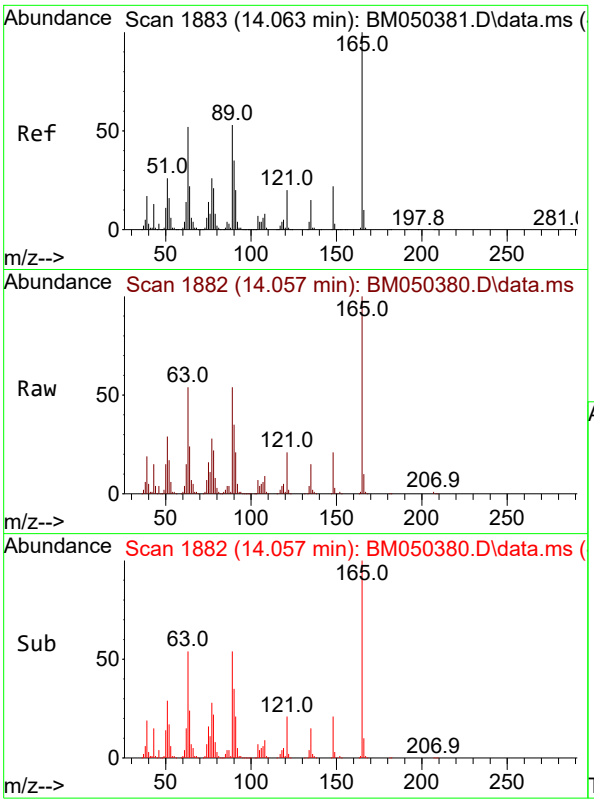


#50
Dimethylphthalate
Concen: 19.873 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:163 Resp: 1202901

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.2	12.2



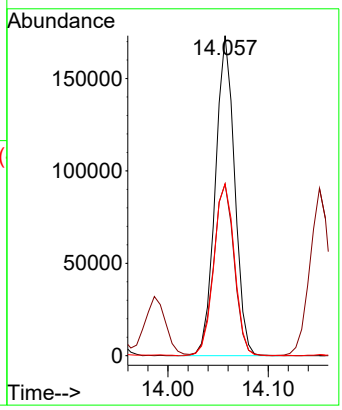


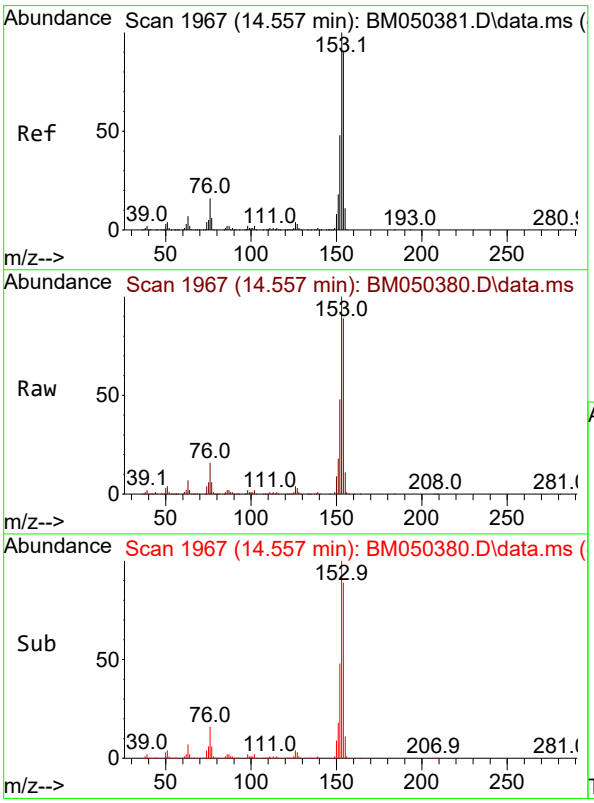
#51
2,6-Dinitrotoluene
Concen: 19.889 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 231144

Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.4	63.6
89	53.7	42.2	63.2

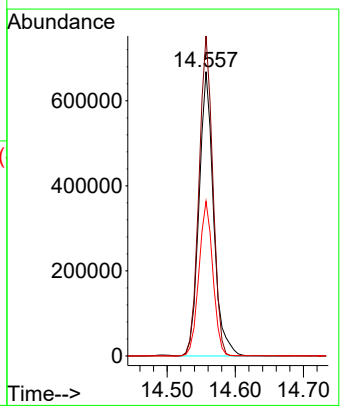


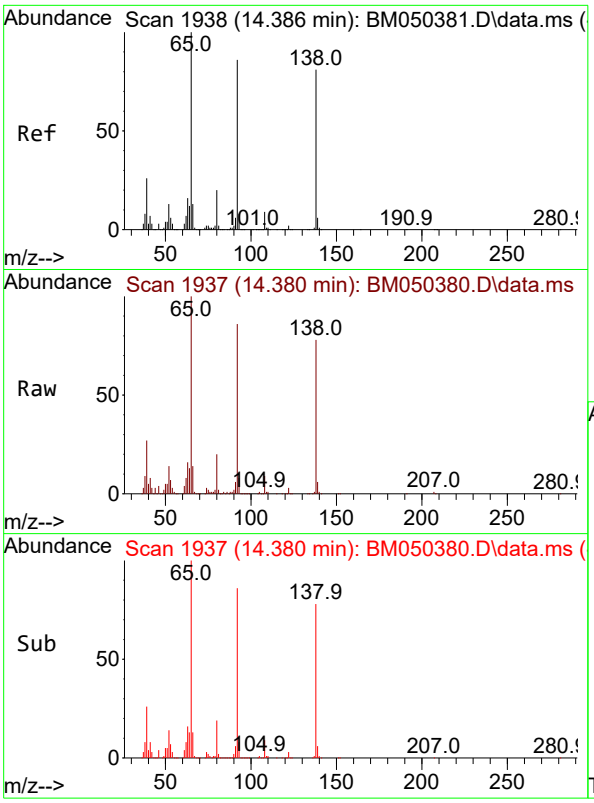


#52
Acenaphthene
Concen: 19.816 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 990178

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	54.3	42.6	64.0



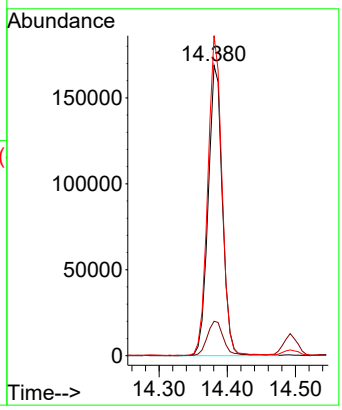


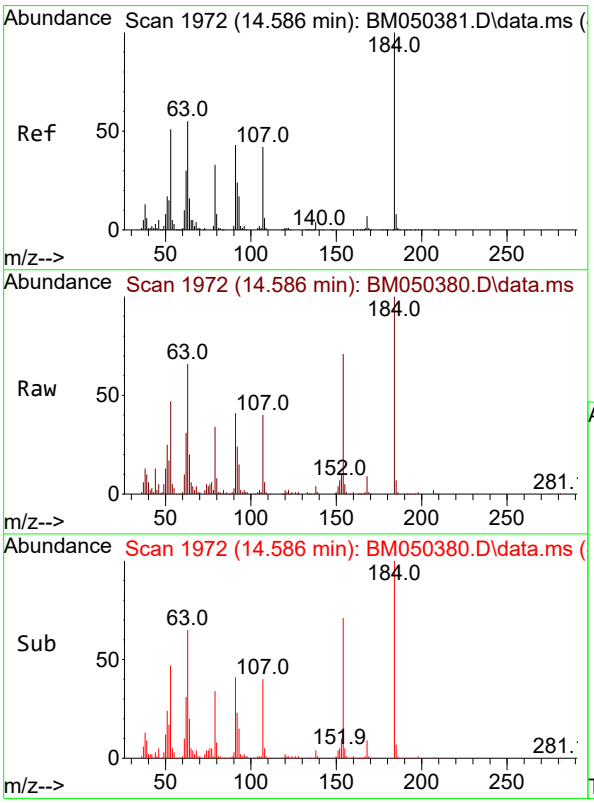
#53
3-Nitroaniline
Concen: 19.779 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 244460

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.8	13.2
92	110.3	85.0	127.6

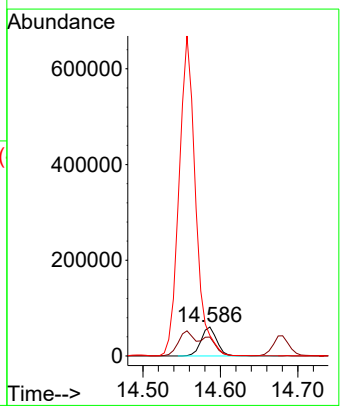


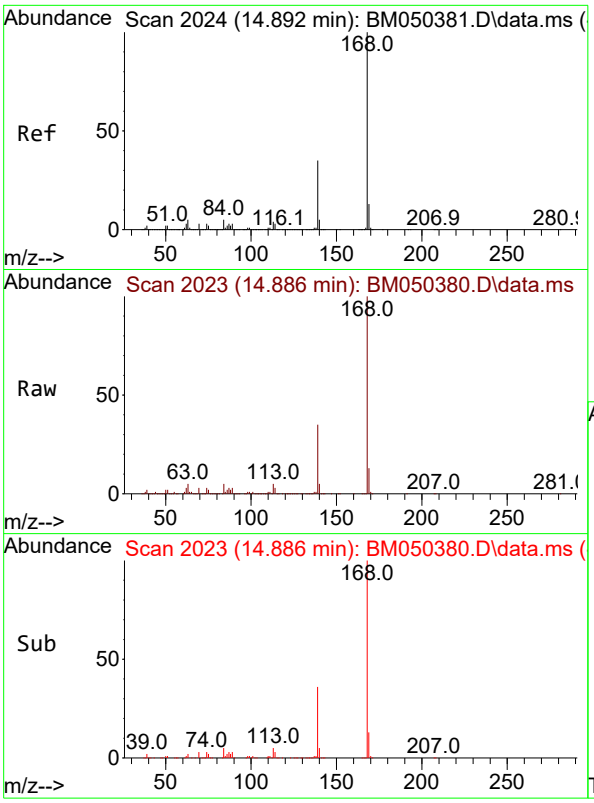


#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:184 Resp: 85284

Ion	Ratio	Lower	Upper
184	100		
63	65.5	53.4	80.0
154	71.0	61.6	92.4



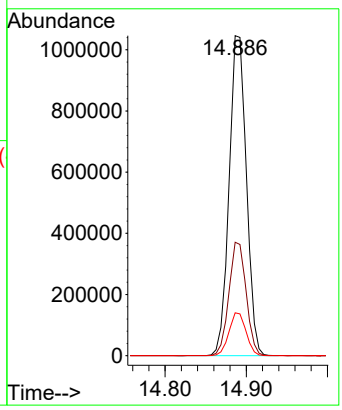


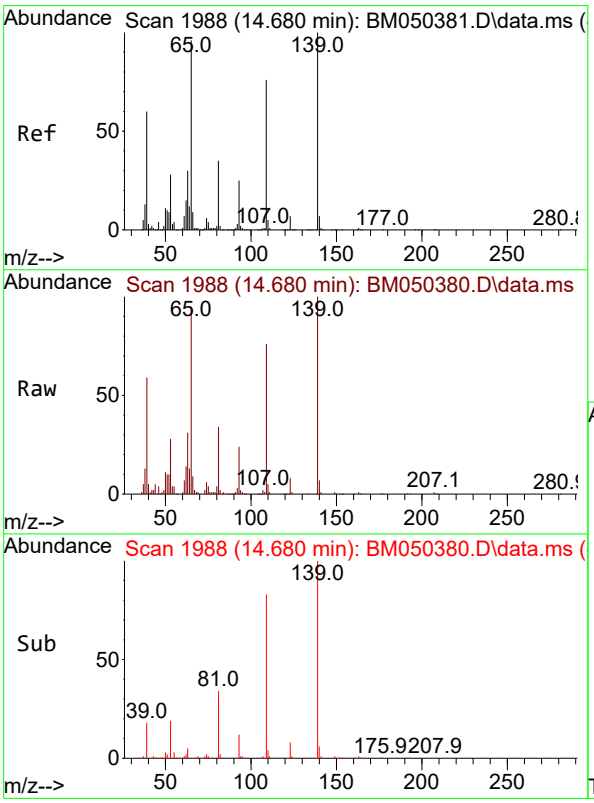
#55
Dibenzofuran
Concen: 20.048 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1543545

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.7	41.5
169	13.4	10.7	16.1

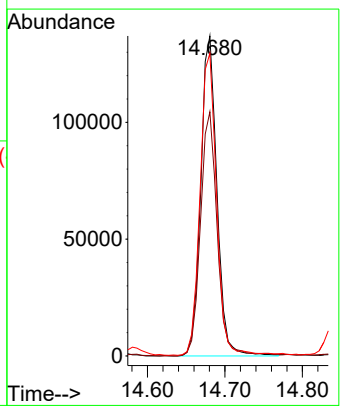


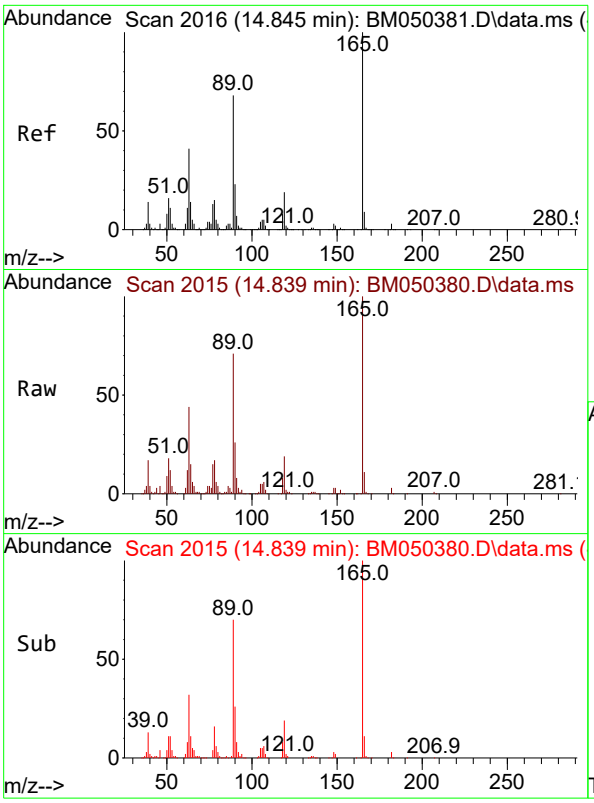


#56
4-Nitrophenol
Concen: 18.644 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 198160

Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.5	96.5
65	94.6	76.4	116.4



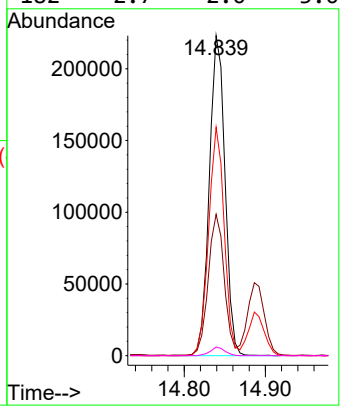


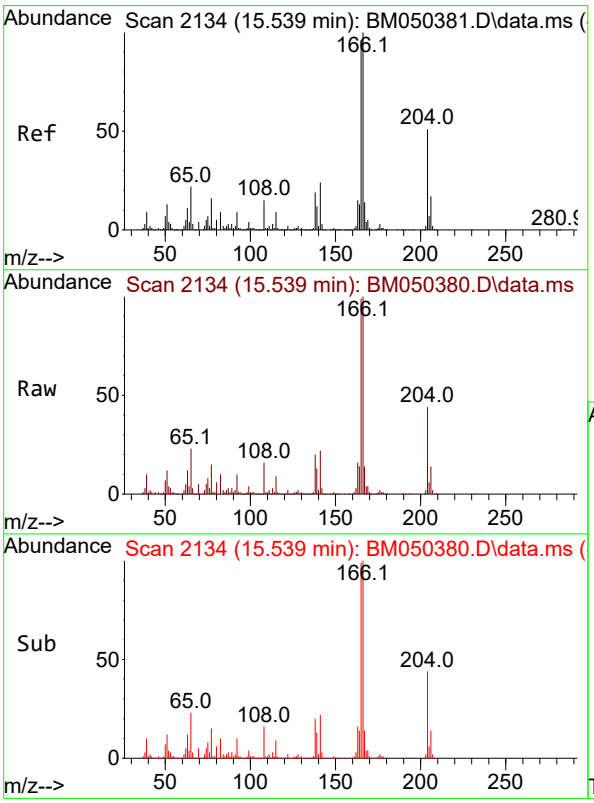
#57
2,4-Dinitrotoluene
Concen: 18.935 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 299004

Ion	Ratio	Lower	Upper
165	100		
63	44.1	32.5	48.7
89	71.4	54.0	81.0
182	2.7	2.0	3.0

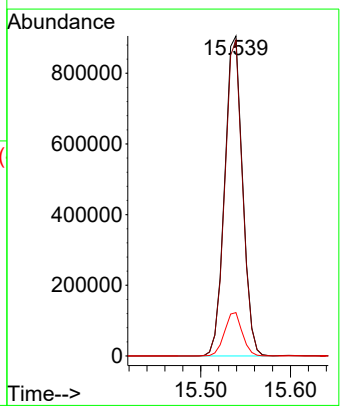


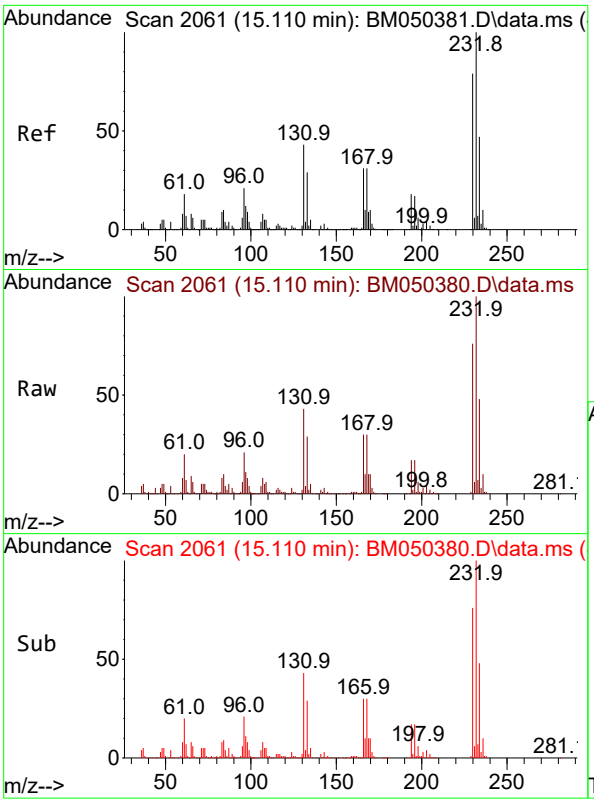


#58
Fluorene
Concen: 19.803 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:166 Resp: 1255879

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.0	115.6
167	13.6	10.9	16.3



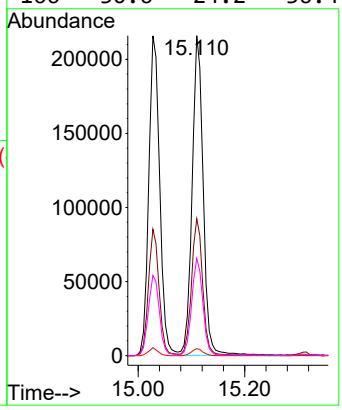


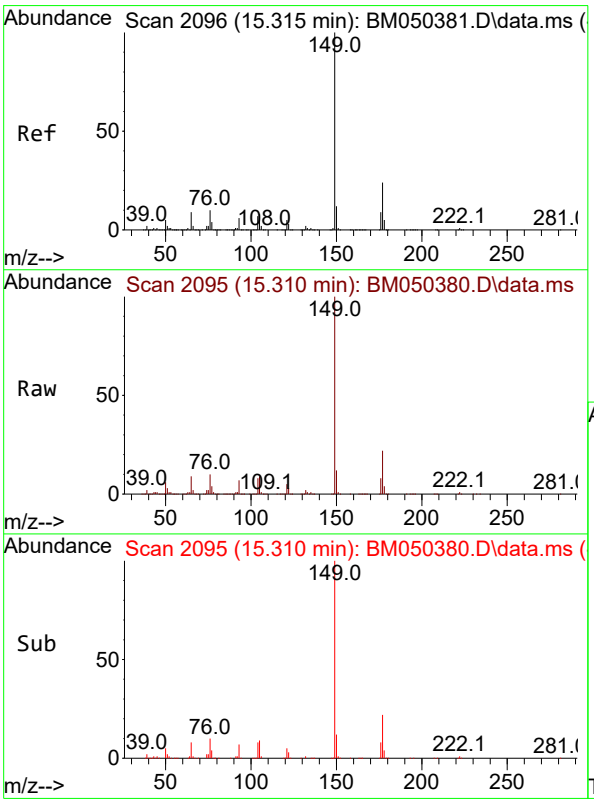
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.733 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 312205

Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.4	50.0
130	2.3	1.8	2.6
166	30.6	24.2	36.4

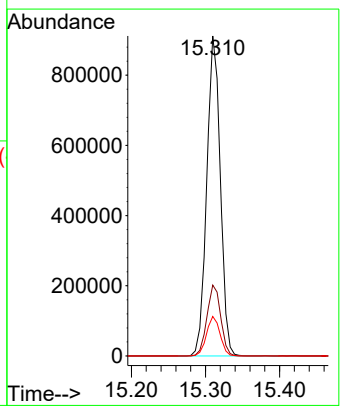


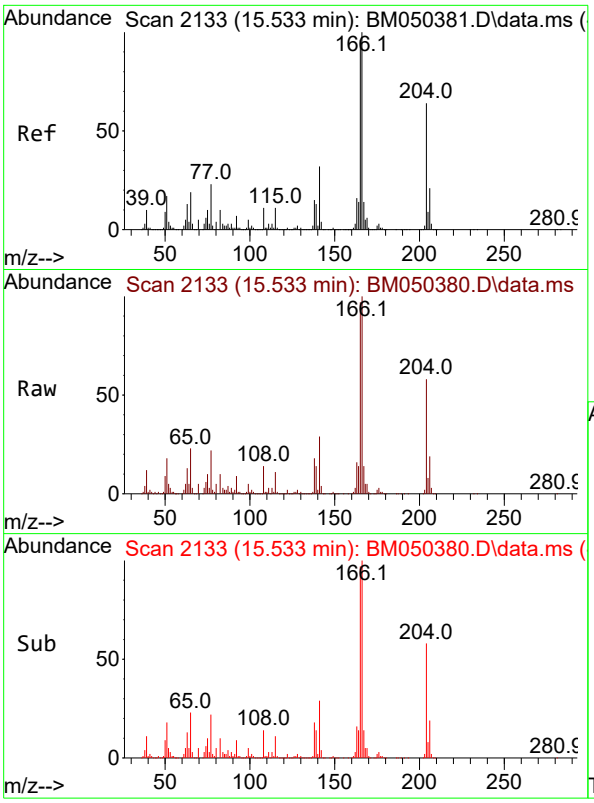


#60
Diethylphthalate
Concen: 20.055 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1159537

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.8	28.2
150	12.4	9.8	14.8



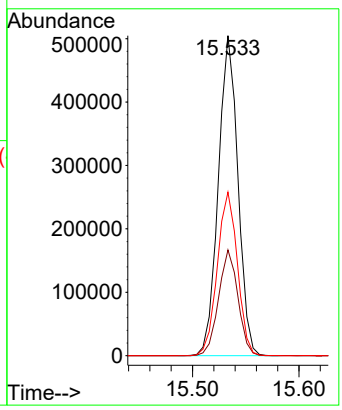


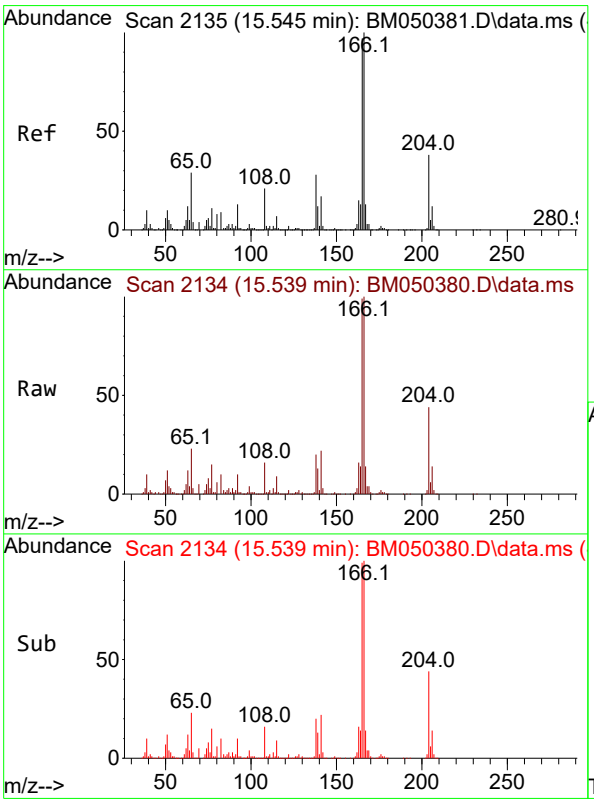
#61
4-Chlorophenyl-phenylether
Concen: 19.428 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 644238

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	51.1	39.9	59.9

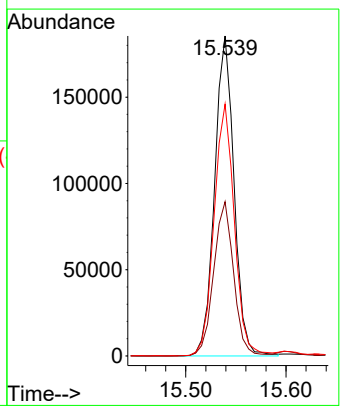


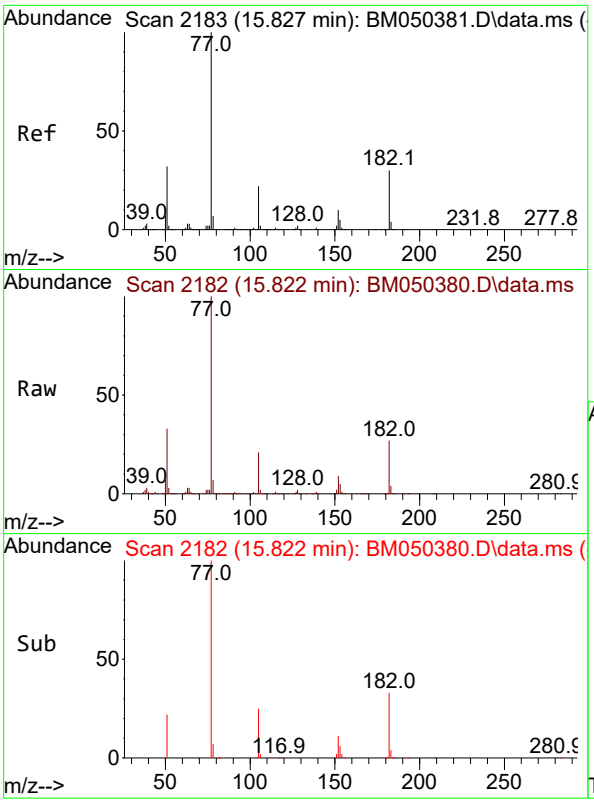


#62
4-Nitroaniline
Concen: 19.209 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:138 Resp: 249635

Ion	Ratio	Lower	Upper
138	100		
92	48.2	24.5	64.5
108	78.7	52.5	92.5



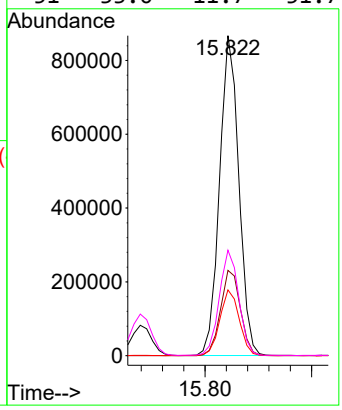


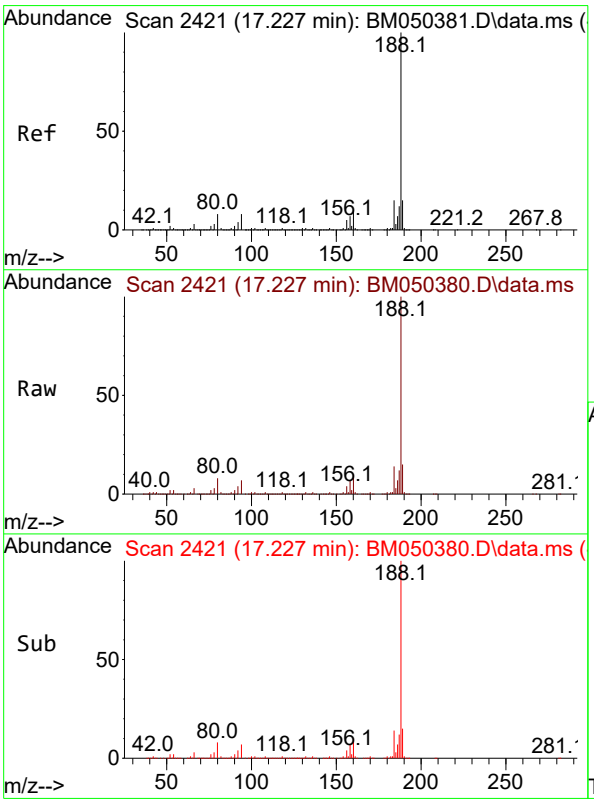
#63
Azobenzene
Concen: 20.436 ng
RT: 15.822 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1085005

Ion	Ratio	Lower	Upper
77	100		
182	26.7	10.0	50.0
105	20.6	2.0	42.0
51	33.0	11.7	51.7

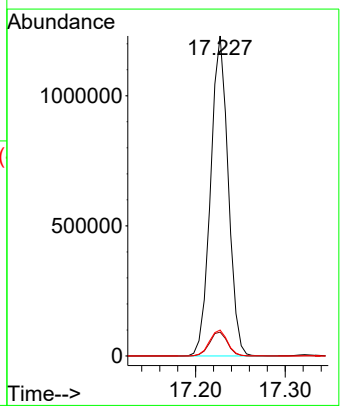


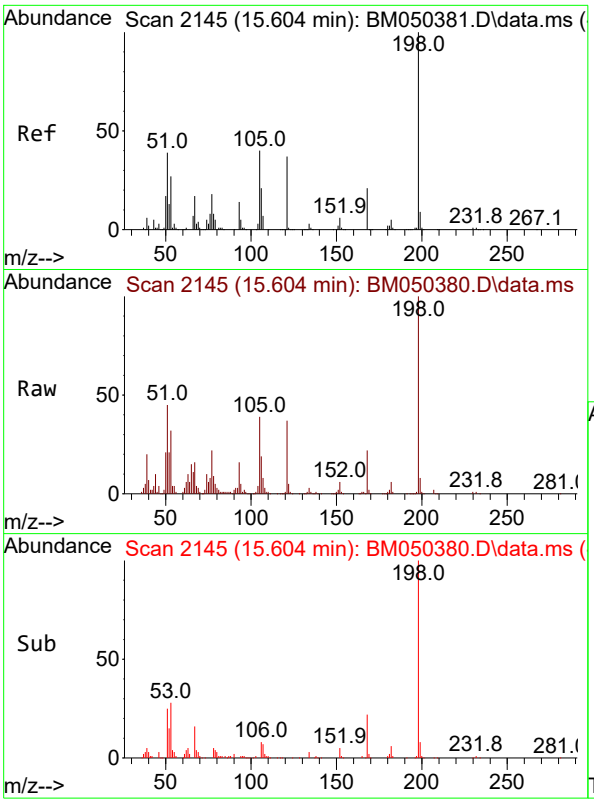


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:188 Resp: 1676151

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



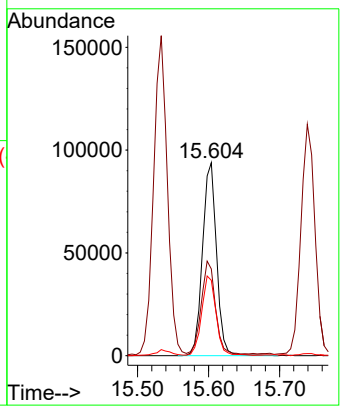


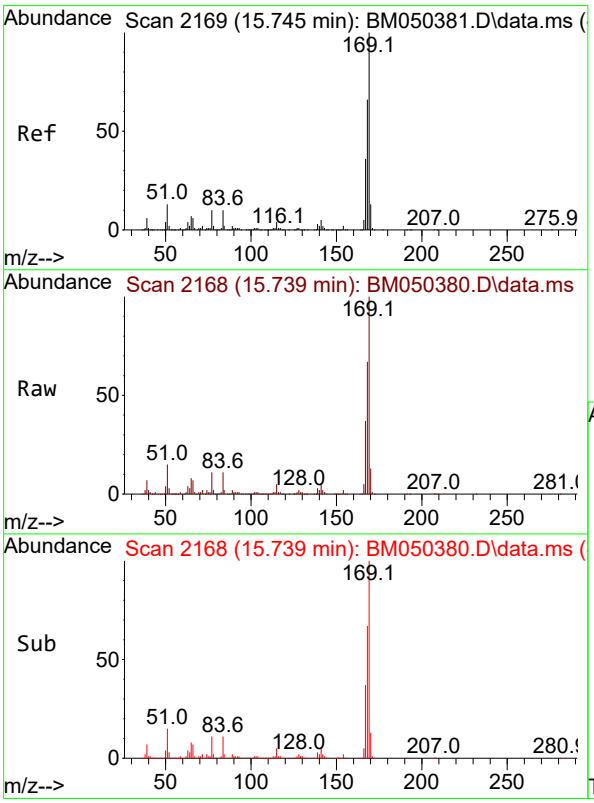
#65
4,6-Dinitro-2-methylphenol
Concen: 18.758 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 129223

Ion	Ratio	Lower	Upper
198	100		
51	44.9	26.6	66.6
105	39.1	20.9	60.9

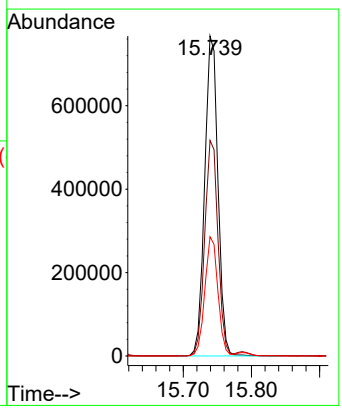


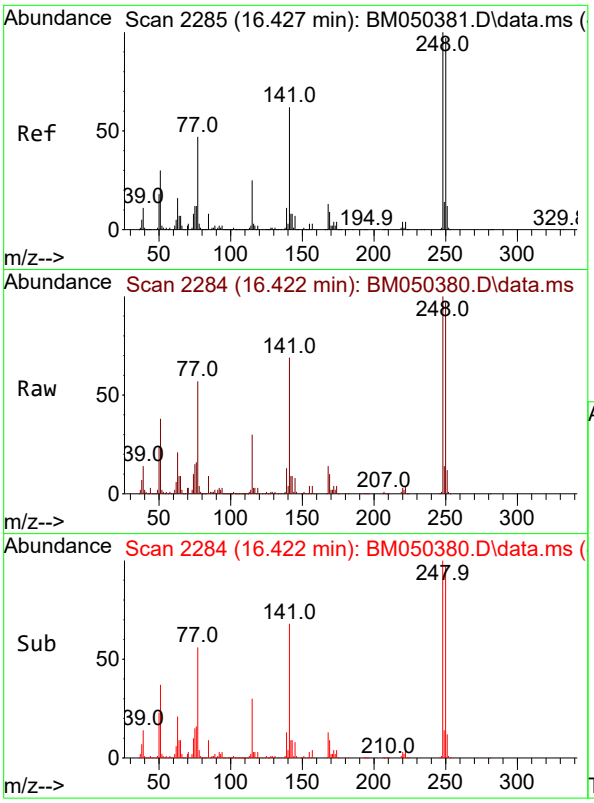


#66
n-Nitrosodiphenylamine
Concen: 19.819 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:169 Resp: 1039509

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.3	28.7	43.1



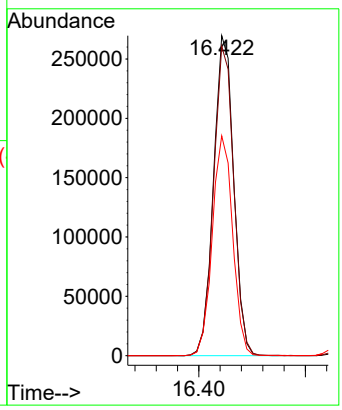


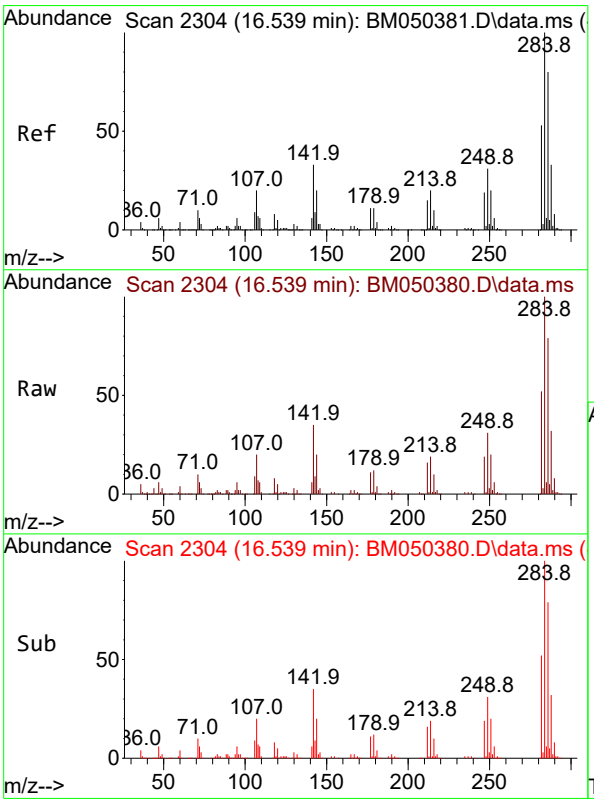
#67
4-Bromophenyl-phenylether
Concen: 19.130 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 353272

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.9	116.9
141	68.7	49.7	74.5

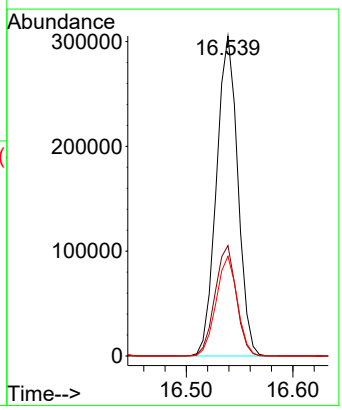


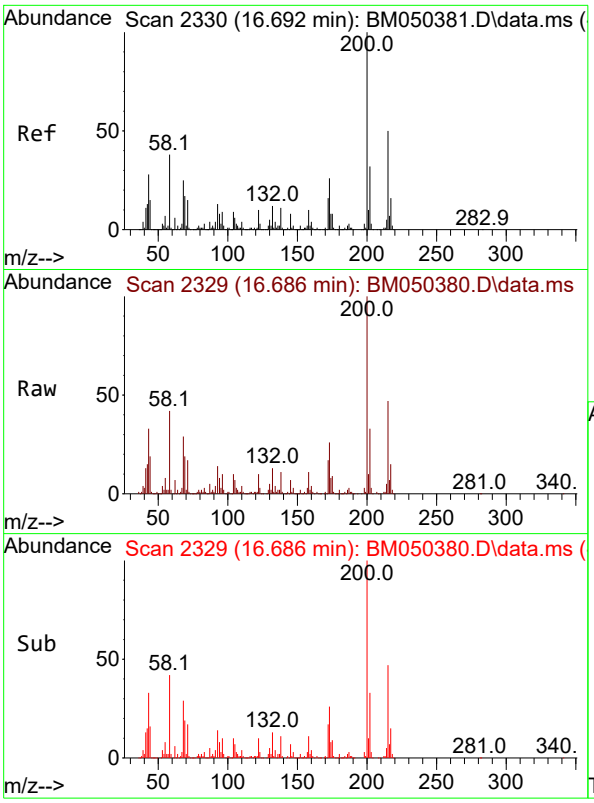


#68
Hexachlorobenzene
Concen: 19.444 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:284 Resp: 424108

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	31.2	24.5	36.7



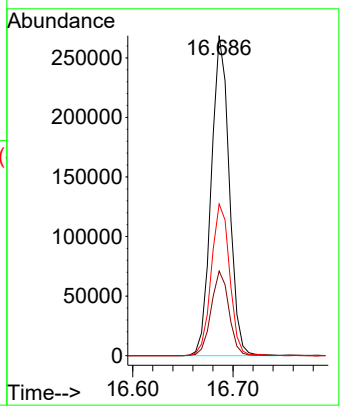


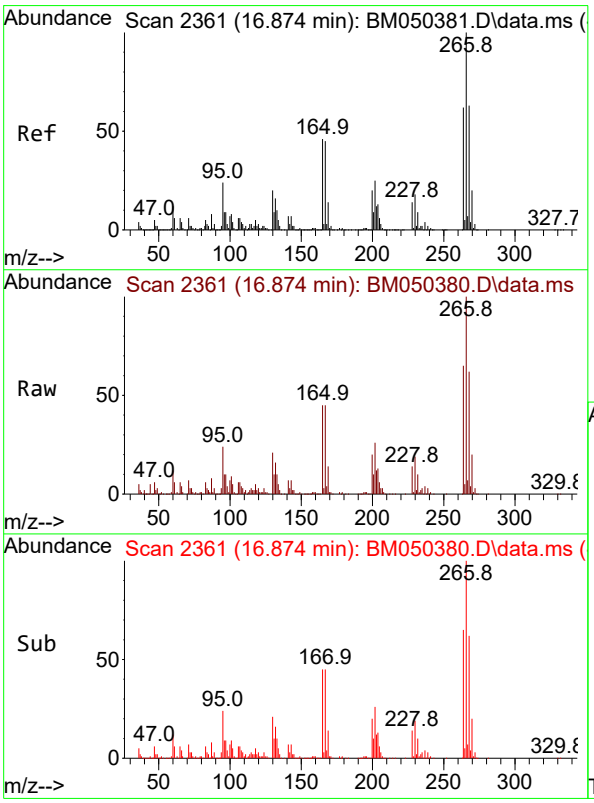
#69
Atrazine
Concen: 19.373 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 333655

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.6	45.6
215	47.4	29.6	69.6

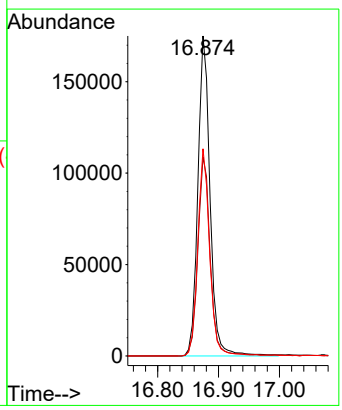


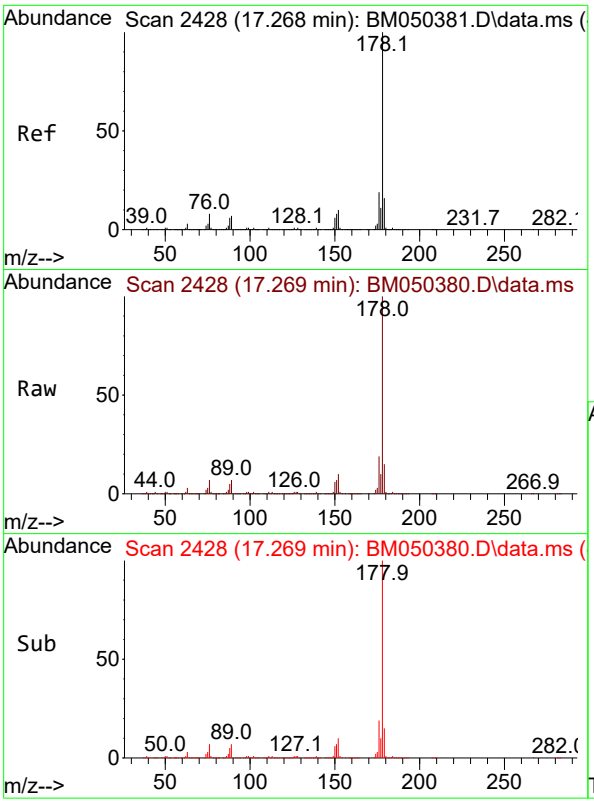


#70
Pentachlorophenol
Concen: 17.920 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:266 Resp: 243316

Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.5	75.7
264	64.8	49.9	74.9



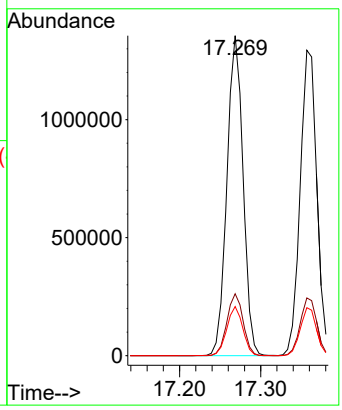


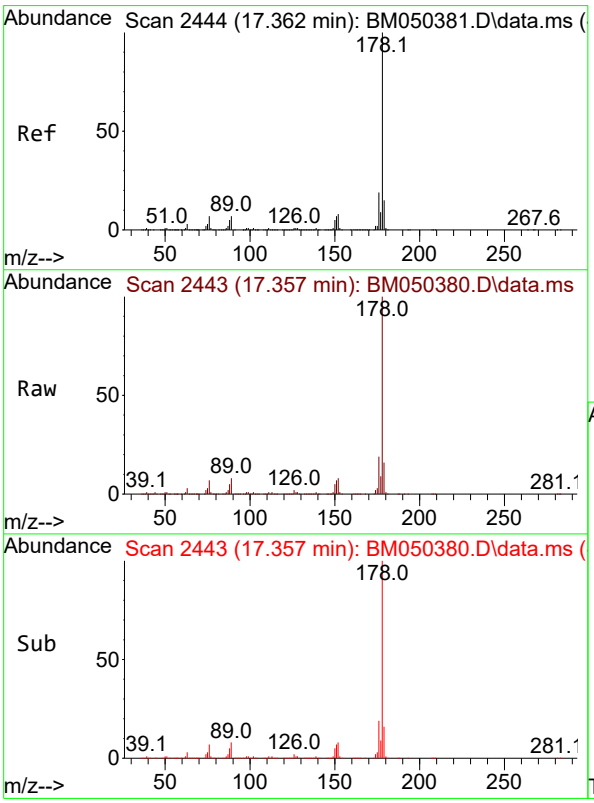
#71
Phenanthrene
Concen: 19.784 ng
RT: 17.269 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1876408

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.4	12.5	18.7

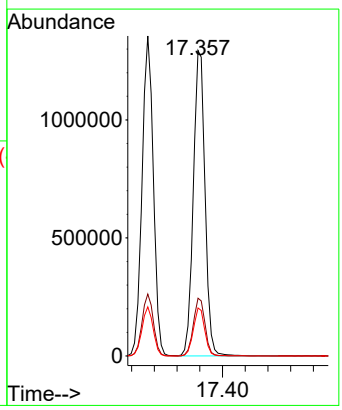


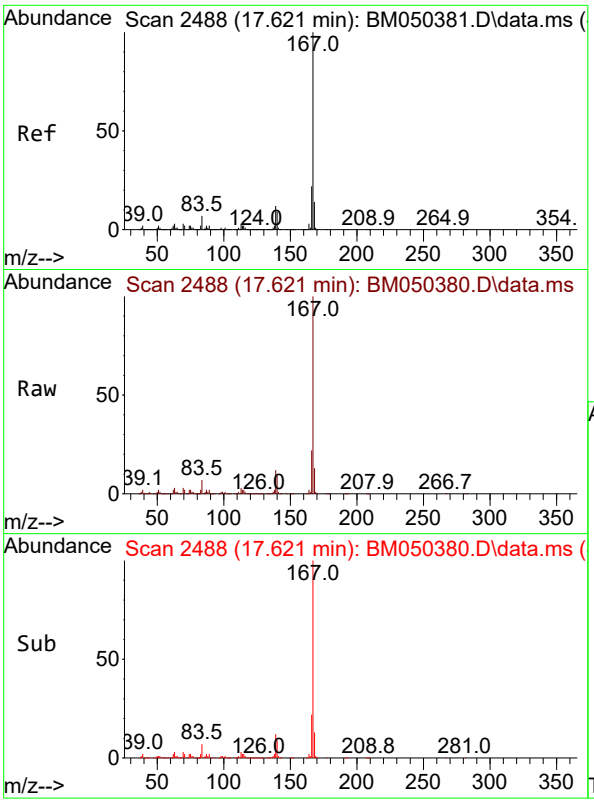


#72
Anthracene
Concen: 19.694 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:178 Resp: 1859273

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.7	12.2	18.4



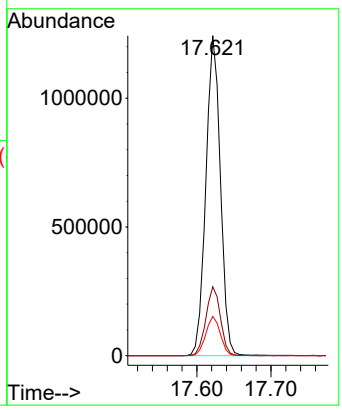


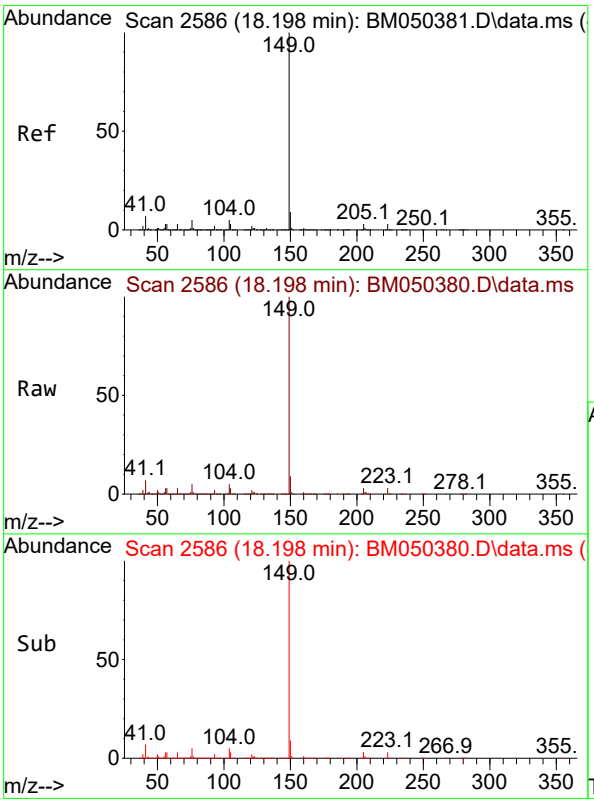
#73
Carbazole
Concen: 19.801 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1691521

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.2	9.9	14.9

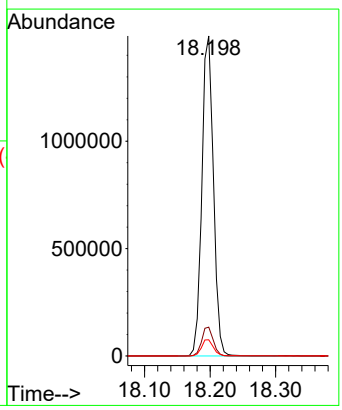


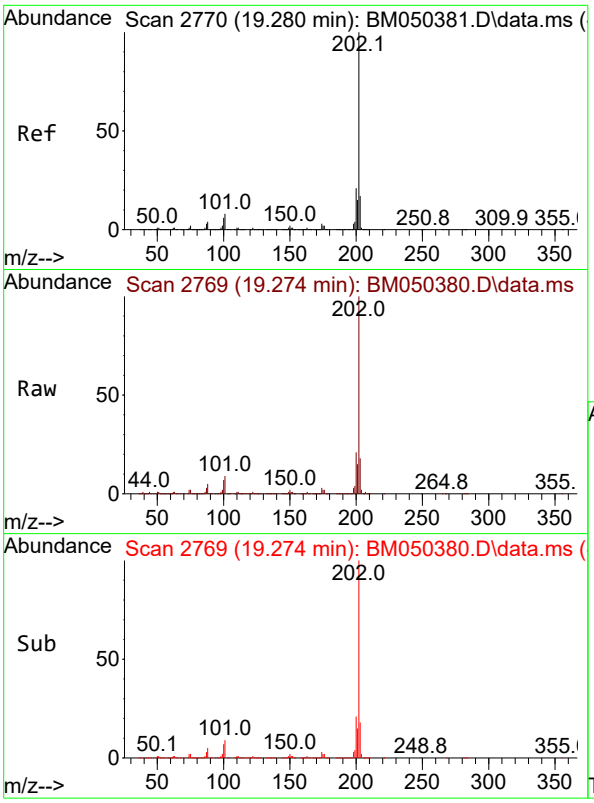


#74
Di-n-butylphthalate
Concen: 19.566 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1829412

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.0	3.9	5.9



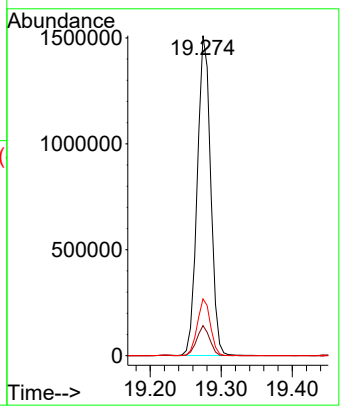


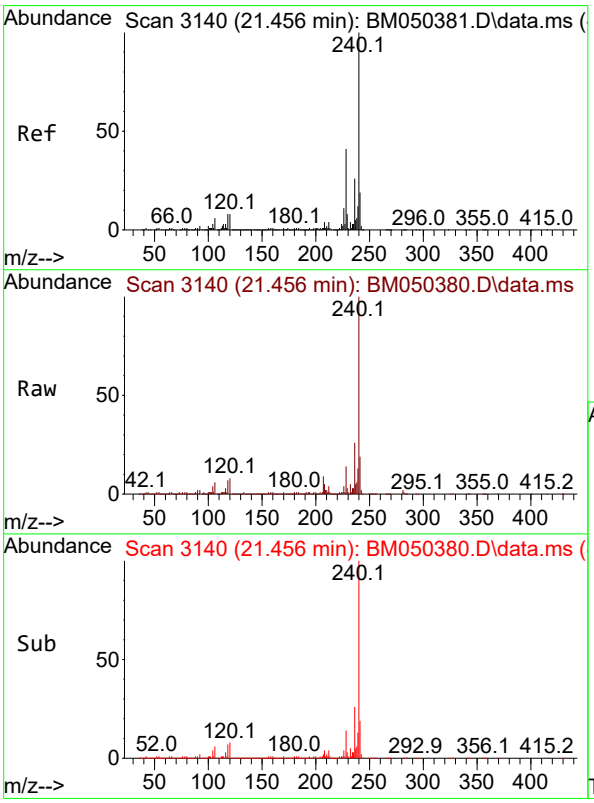
#75
Fluoranthene
Concen: 19.212 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1980887

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
203	17.8	0.0	37.2

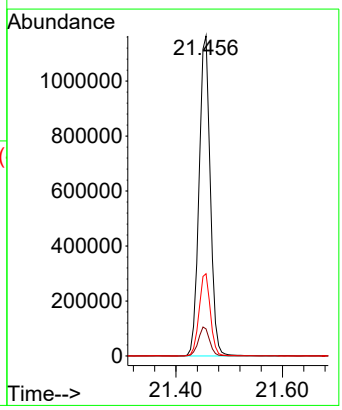


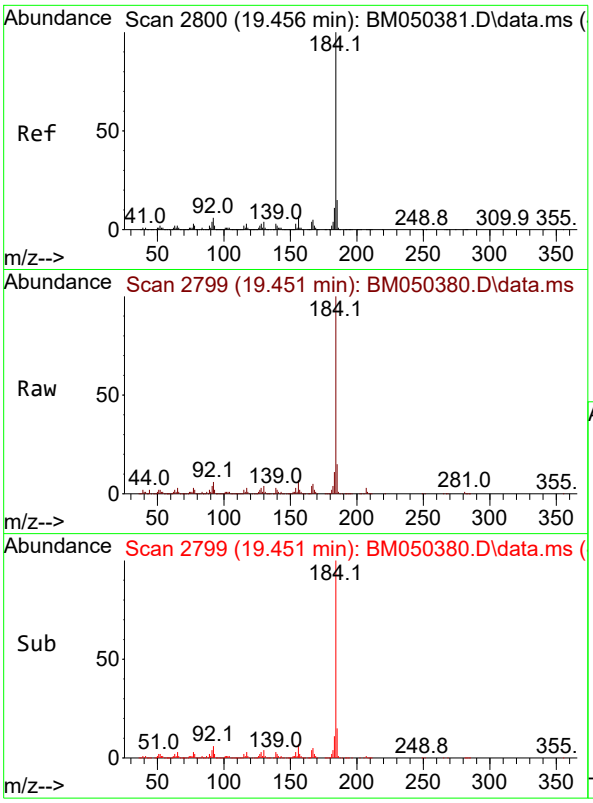


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:240 Resp: 1698030

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.7	20.7	31.1



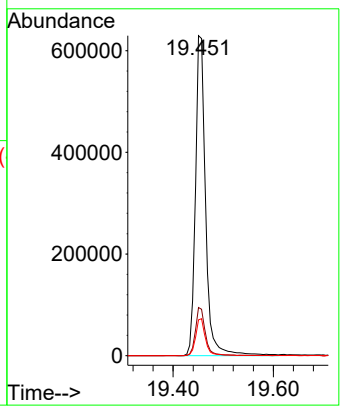


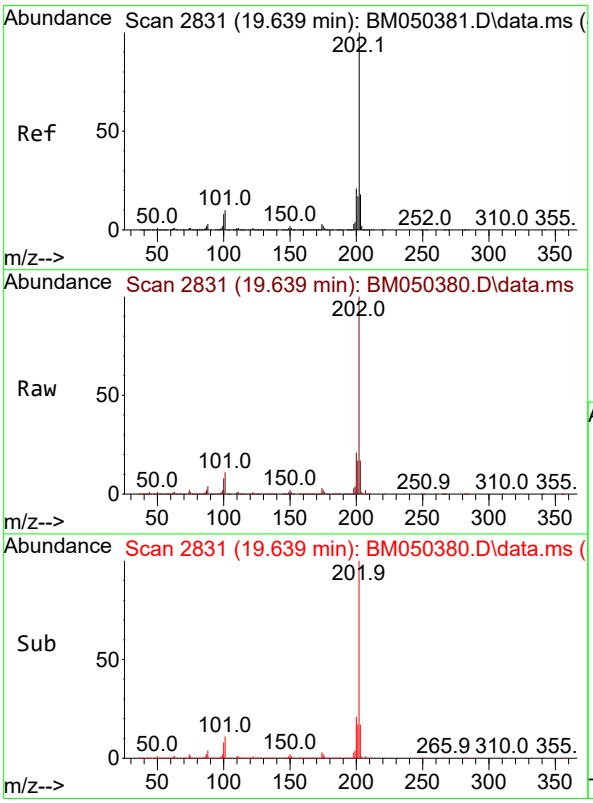
#77
Benzidine
Concen: 20.422 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 884477

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.2	9.0	13.6

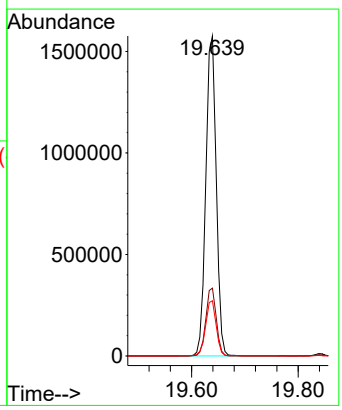


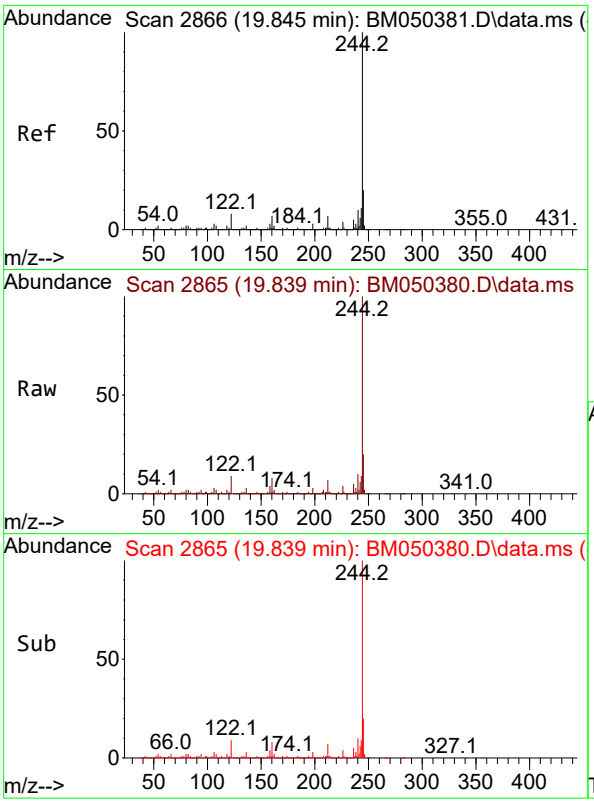


#78
Pyrene
Concen: 19.679 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:202 Resp: 2140070

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.2	14.1	21.1



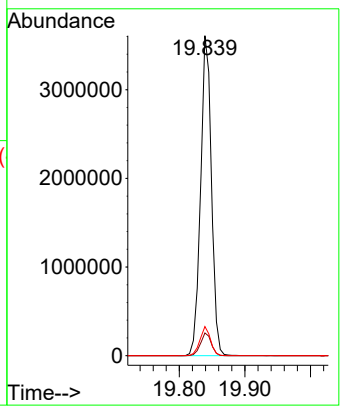


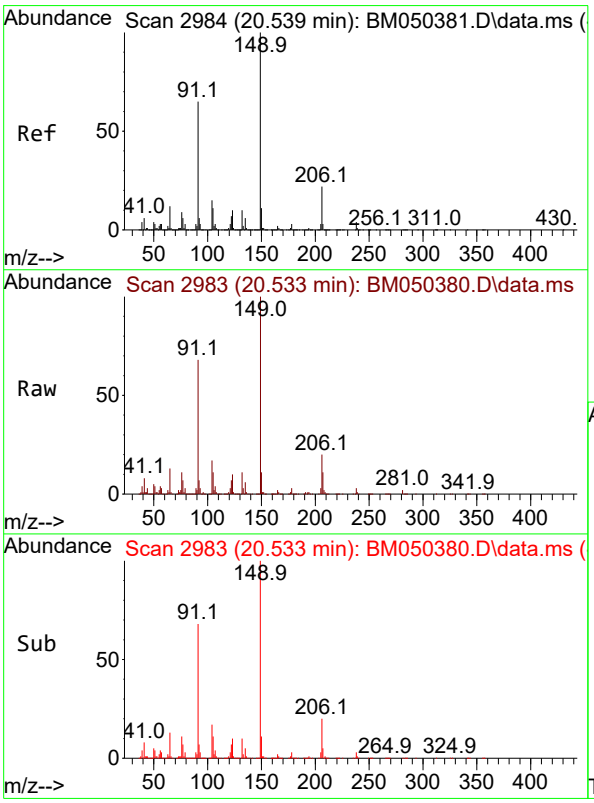
#79
Terphenyl-d14
Concen: 43.104 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 4159871

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.1	6.2	9.2

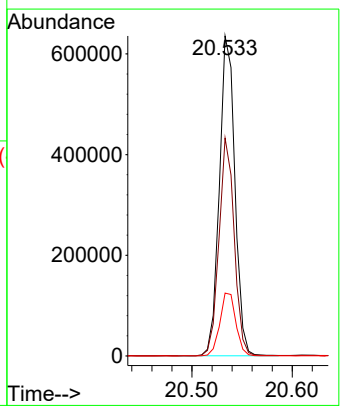


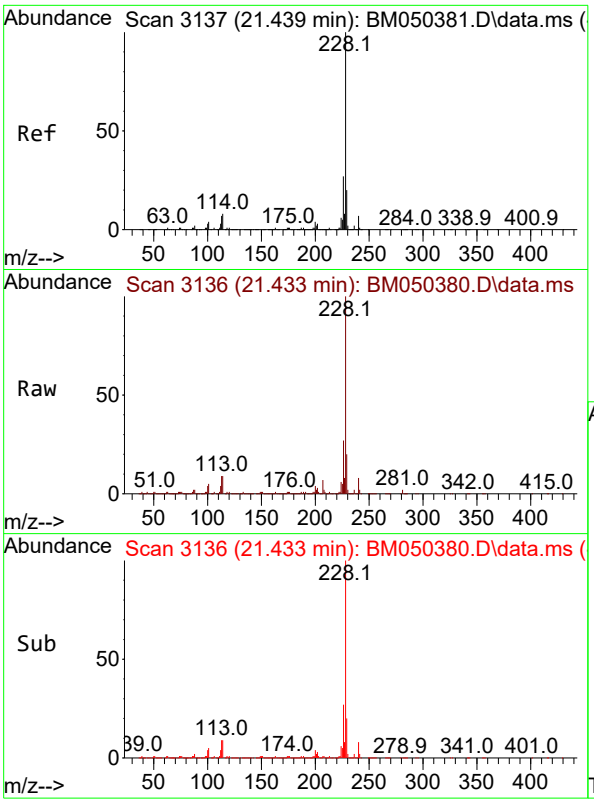


#80
Butylbenzylphthalate
Concen: 19.009 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 681649

Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.6	77.4
206	19.7	17.8	26.8



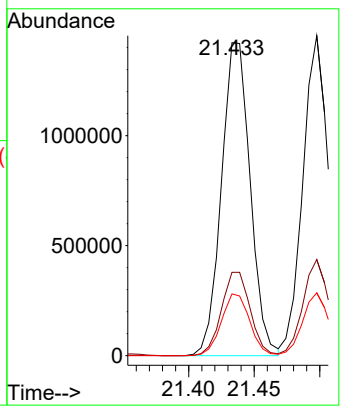


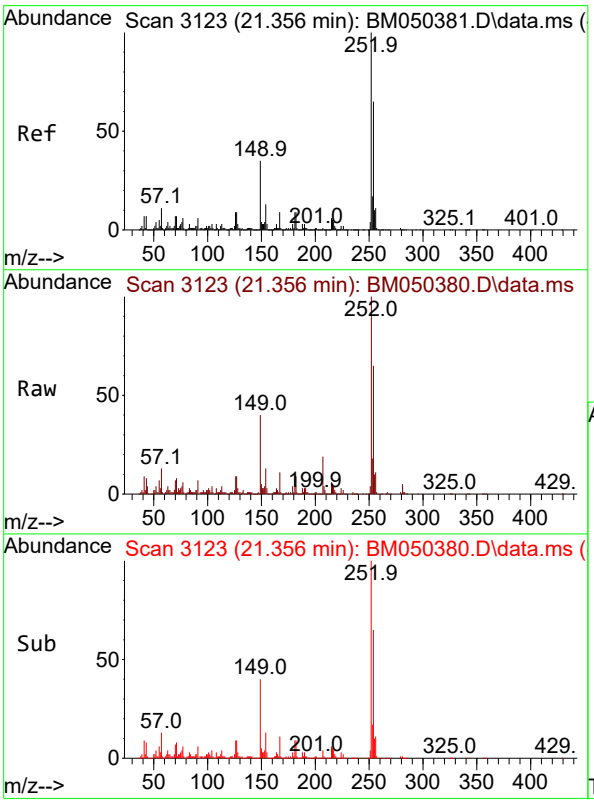
#81
Benzo(a)anthracene
Concen: 19.676 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2176940

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.7	16.0	24.0

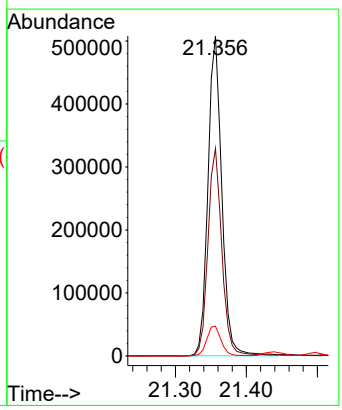


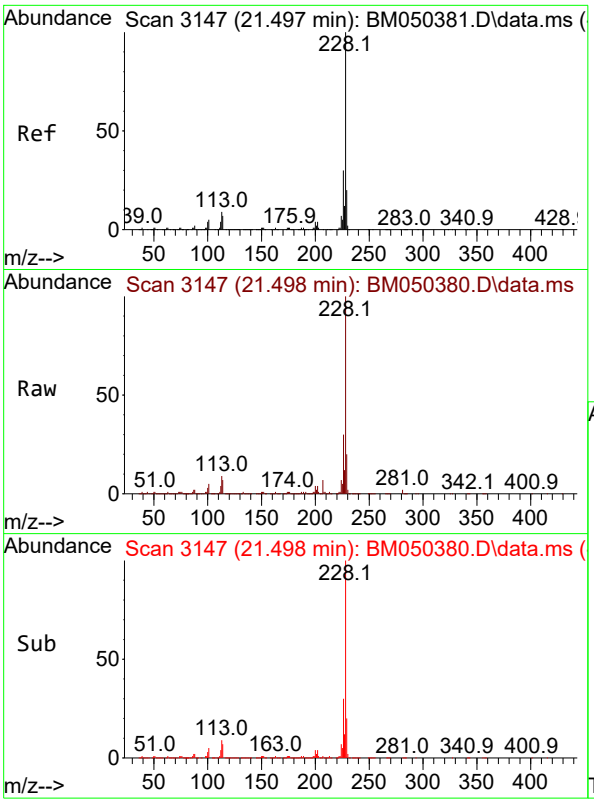


#82
3,3'-Dichlorobenzidine
Concen: 18.471 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 689176

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.3	7.3	10.9



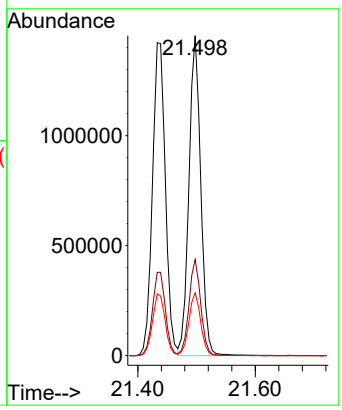


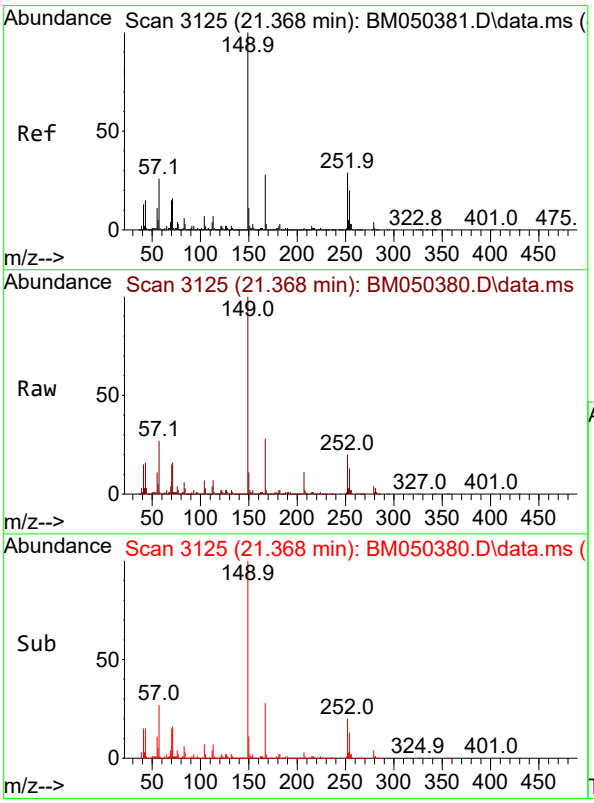
#83
Chrysene
Concen: 19.529 ng
RT: 21.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2037978

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	15.8	23.6

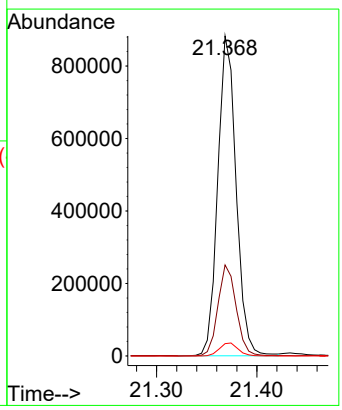


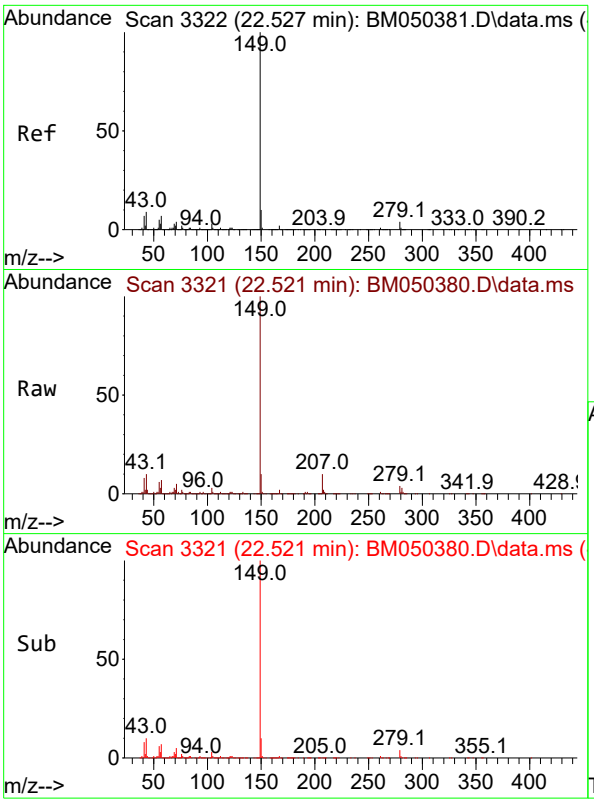


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.638 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1117874

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	3.9	3.5	5.3



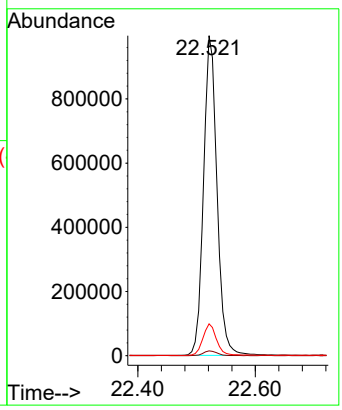


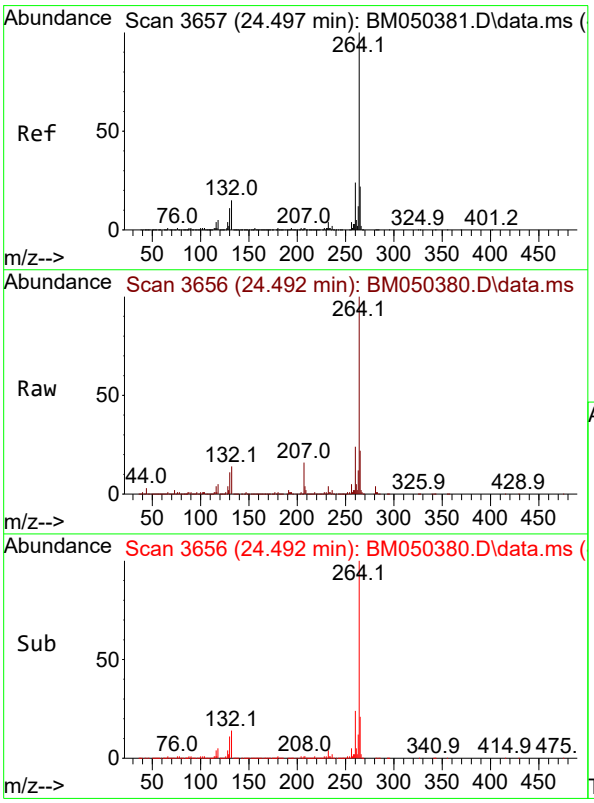
#85
Di-n-octyl phthalate
Concen: 17.729 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1580618

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	7.7	11.5

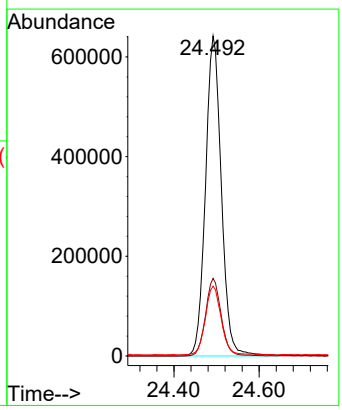


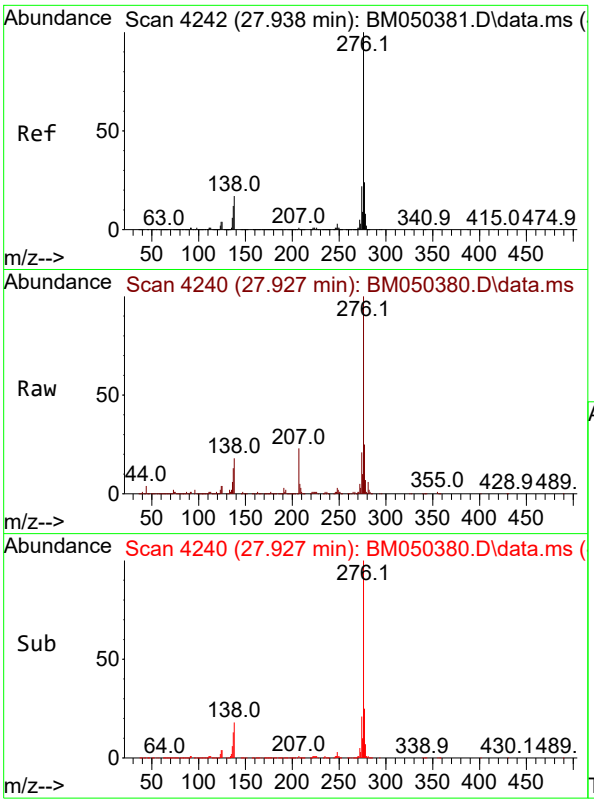


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.492 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:264 Resp: 1655344

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.8	26.6



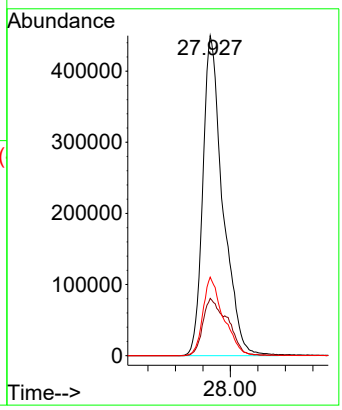


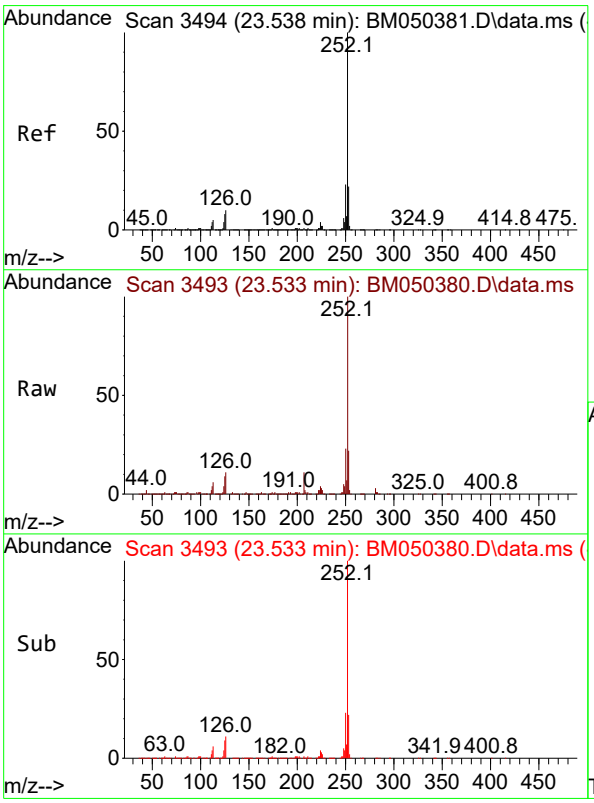
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.328 ng
RT: 27.927 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2274737

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.6
277	25.1	20.0	30.0

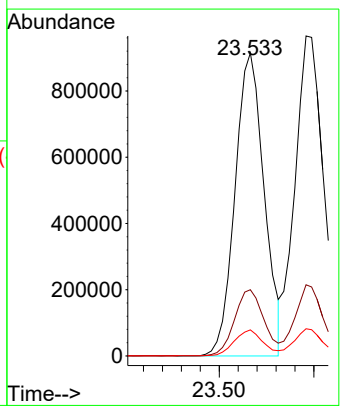


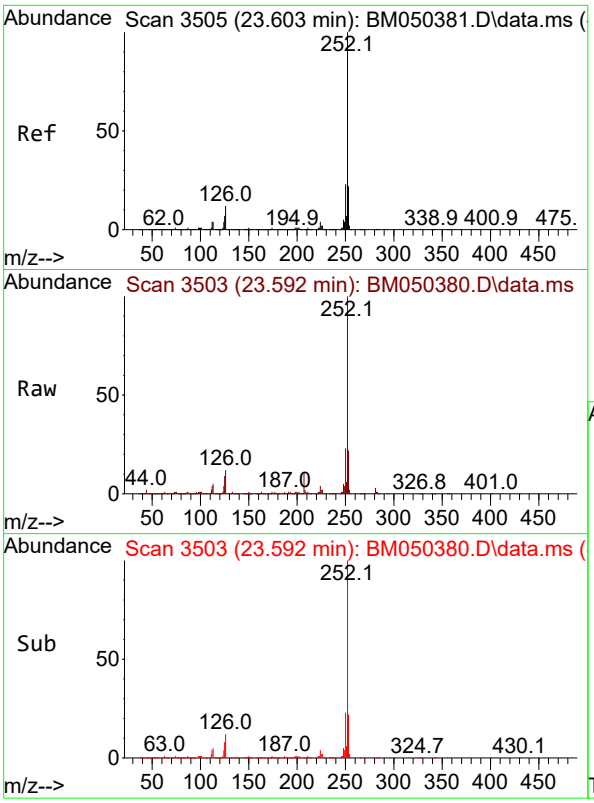


#88
Benzo(b)fluoranthene
Concen: 19.138 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1948651

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.6	6.3	9.5



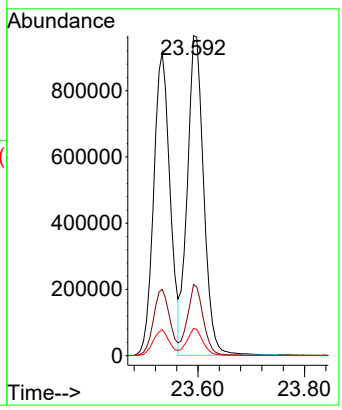


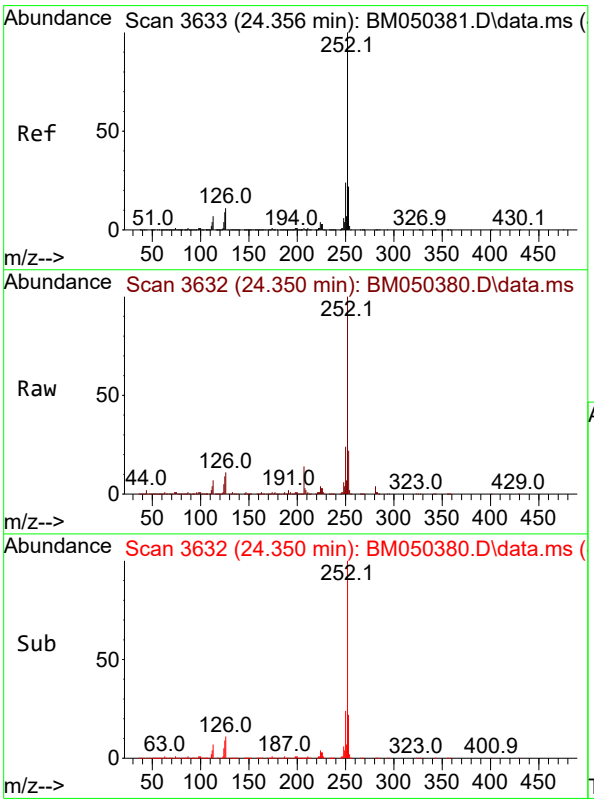
#89
Benzo(k)fluoranthene
Concen: 19.544 ng
RT: 23.592 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2064811

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	8.5	6.2	9.2

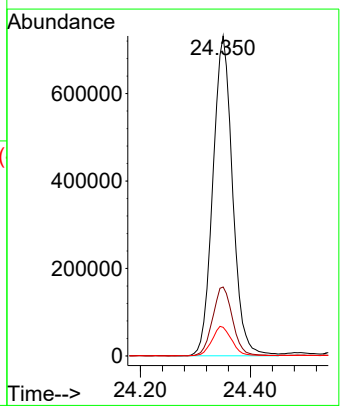


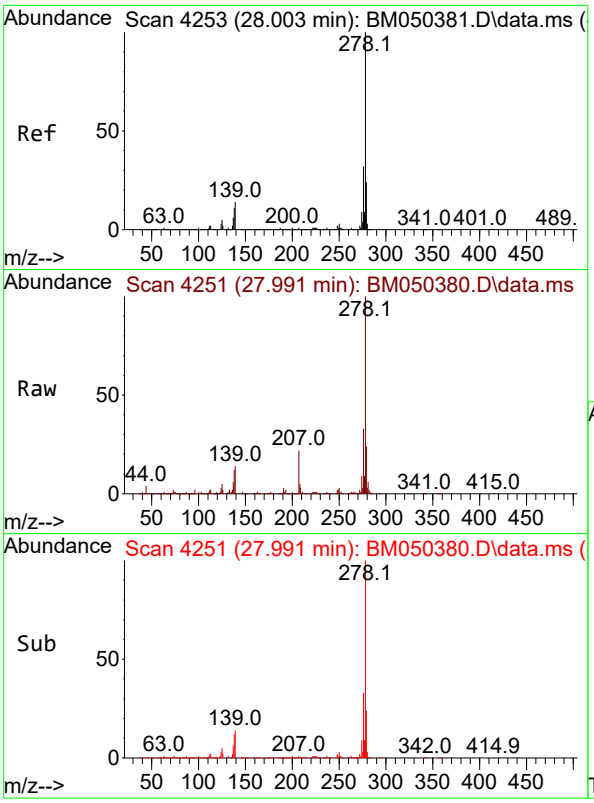


#90
Benzo(a)pyrene
Concen: 19.085 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1819117

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.9	7.0	10.4



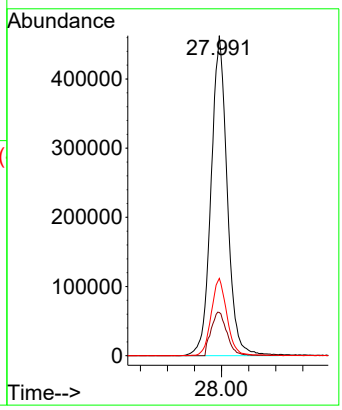


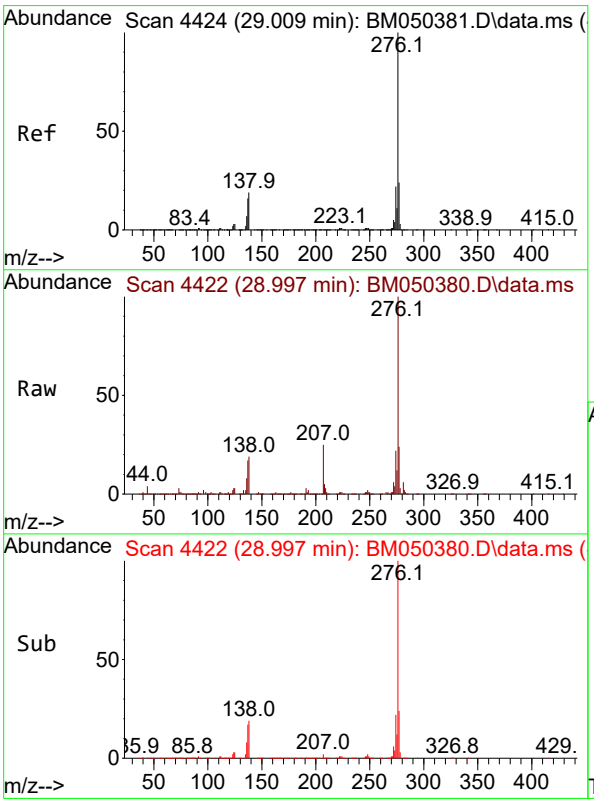
#91
Dibenzo(a,h)anthracene
Concen: 19.357 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1918673

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

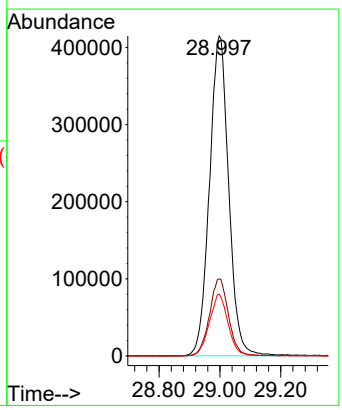




#92
Benzo(g,h,i)perylene
Concen: 19.385 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:276 Resp: 1815952

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	19.3	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	390087	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1498318	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	967077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1834050	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1904004	20.000	ng	0.00
86) Perylene-d12	24.497	264	1842285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1797254	79.307	ng	0.00
7) Phenol-d6	7.022	99	2287075	80.057	ng	0.00
23) Nitrobenzene-d5	9.022	82	2350204	80.025	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	961125	81.797	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6157884	78.635	ng	0.00
79) Terphenyl-d14	19.845	244	9584372	88.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	358574	38.479	ng	100
3) Pyridine	3.734	79	957840	39.152	ng	100
4) n-Nitrosodimethylamine	3.640	42	446254	39.127	ng	100
6) Aniline	7.187	93	1465425	39.971	ng	100
8) 2-Chlorophenol	7.428	128	949275	39.725	ng	100
9) Benzaldehyde	6.998	77	699931m	41.183	ng	
10) Phenol	7.051	94	1176548	39.486	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	933093	39.103	ng	100
12) 1,3-Dichlorobenzene	7.757	146	1129597	38.876	ng	100
13) 1,4-Dichlorobenzene	7.904	146	1143020	38.525	ng	100
14) 1,2-Dichlorobenzene	8.222	146	1100335	38.737	ng	100
15) Benzyl Alcohol	8.098	79	797306	39.610	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1367157	38.896	ng	100
17) 2-Methylphenol	8.298	107	772662	39.981	ng	100
18) Hexachloroethane	8.951	117	406049	38.914	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	710692	41.065	ng	100
20) 3+4-Methylphenols	8.628	107	1033775	39.847	ng	100
22) Acetophenone	8.681	105	1471867	39.290	ng	100
24) Nitrobenzene	9.057	77	1034216	39.463	ng	100
25) Isophorone	9.592	82	1916609	40.218	ng	100
26) 2-Nitrophenol	9.775	139	440758	41.266	ng	100
27) 2,4-Dimethylphenol	9.833	122	895117	39.384	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1249755	39.577	ng	100
29) 2,4-Dichlorophenol	10.304	162	934922	40.040	ng	100
30) 1,2,4-Trichlorobenzene	10.527	180	1085193	38.850	ng	100
31) Naphthalene	10.710	128	2960809	38.905	ng	100
32) Benzoic acid	9.945	122	491059	36.793	ng	100
33) 4-Chloroaniline	10.810	127	1285226	39.947	ng	100
34) Hexachlorobutadiene	11.010	225	662229	38.844	ng	100
35) Caprolactam	11.580	113	260010	40.791	ng	100
36) 4-Chloro-3-methylphenol	11.933	107	883903	40.538	ng	100
37) 2-Methylnaphthalene	12.321	142	1901706	39.576	ng	100
38) 1-Methylnaphthalene	12.539	142	2017118	39.665	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1203524	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	765708	38.951	ng	100
43) 2,4,6-Trichlorophenol	12.927	196	761982	40.252	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	831142	40.202	ng	100
46) 1,1'-Biphenyl	13.333	154	2786215	38.832	ng	100
47) 2-Chloronaphthalene	13.368	162	2224727	38.889	ng	100
48) 2-Nitroaniline	13.563	65	538415	42.165	ng	100
49) Acenaphthylene	14.215	152	3433586	39.714	ng	100
50) Dimethylphthalate	13.951	163	2613190	39.248	ng	100
51) 2,6-Dinitrotoluene	14.063	165	528767	41.362	ng	100
52) Acenaphthene	14.557	154	2148079	39.080	ng	100
53) 3-Nitroaniline	14.386	138	568716	41.832	ng	100
54) 2,4-Dinitrophenol	14.586	184	225952	35.873	ng	100
55) Dibenzofuran	14.892	168	3305040	39.024	ng	100
56) 4-Nitrophenol	14.680	139	473550	40.504	ng	100
57) 2,4-Dinitrotoluene	14.845	165	717807	38.104	ng	100
58) Fluorene	15.539	166	2744882	39.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	705044	40.512	ng	100
60) Diethylphthalate	15.315	149	2532007	39.811	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1443937	39.586	ng	100
62) 4-Nitroaniline	15.545	138	602257	39.043	ng	100
63) Azobenzene	15.827	77	2337291	40.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	343246	36.538	ng	100
66) n-Nitrosodiphenylamine	15.745	169	2284645	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	798257	39.504	ng	100
68) Hexachlorobenzene	16.539	284	940659	39.414	ng	100
69) Atrazine	16.692	200	775270	41.139	ng	100
70) Pentachlorophenol	16.874	266	590077	39.717	ng	100
71) Phenanthrene	17.268	178	4039451	38.923	ng	100
72) Anthracene	17.362	178	4095570	39.646	ng	100
73) Carbazole	17.621	167	3704436	39.632	ng	100
74) Di-n-butylphthalate	18.198	149	4183360	40.890	ng	100
75) Fluoranthene	19.280	202	4522403	40.085	ng	100
77) Benzidine	19.456	184	2104809	43.341	ng	100
78) Pyrene	19.639	202	4798678	39.352	ng	100
80) Butylbenzylphthalate	20.539	149	1677924	41.731	ng	100
81) Benzo(a)anthracene	21.439	228	4880944	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1633134	39.036	ng	100
83) Chrysene	21.497	228	4604684	39.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2685699	42.076	ng	100
85) Di-n-octyl phthalate	22.527	149	4028194	40.294	ng	100
87) Indeno(1,2,3-cd)pyrene	27.938	276	5214934	39.813	ng	100
88) Benzo(b)fluoranthene	23.538	252	4531635	39.990	ng	100
89) Benzo(k)fluoranthene	23.603	252	4654634	39.586	ng	100
90) Benzo(a)pyrene	24.356	252	4259750	40.157	ng	100
91) Dibenzo(a,h)anthracene	28.003	278	4396741	39.857	ng	100
92) Benzo(g,h,i)perylene	29.009	276	4131353	39.626	ng	100

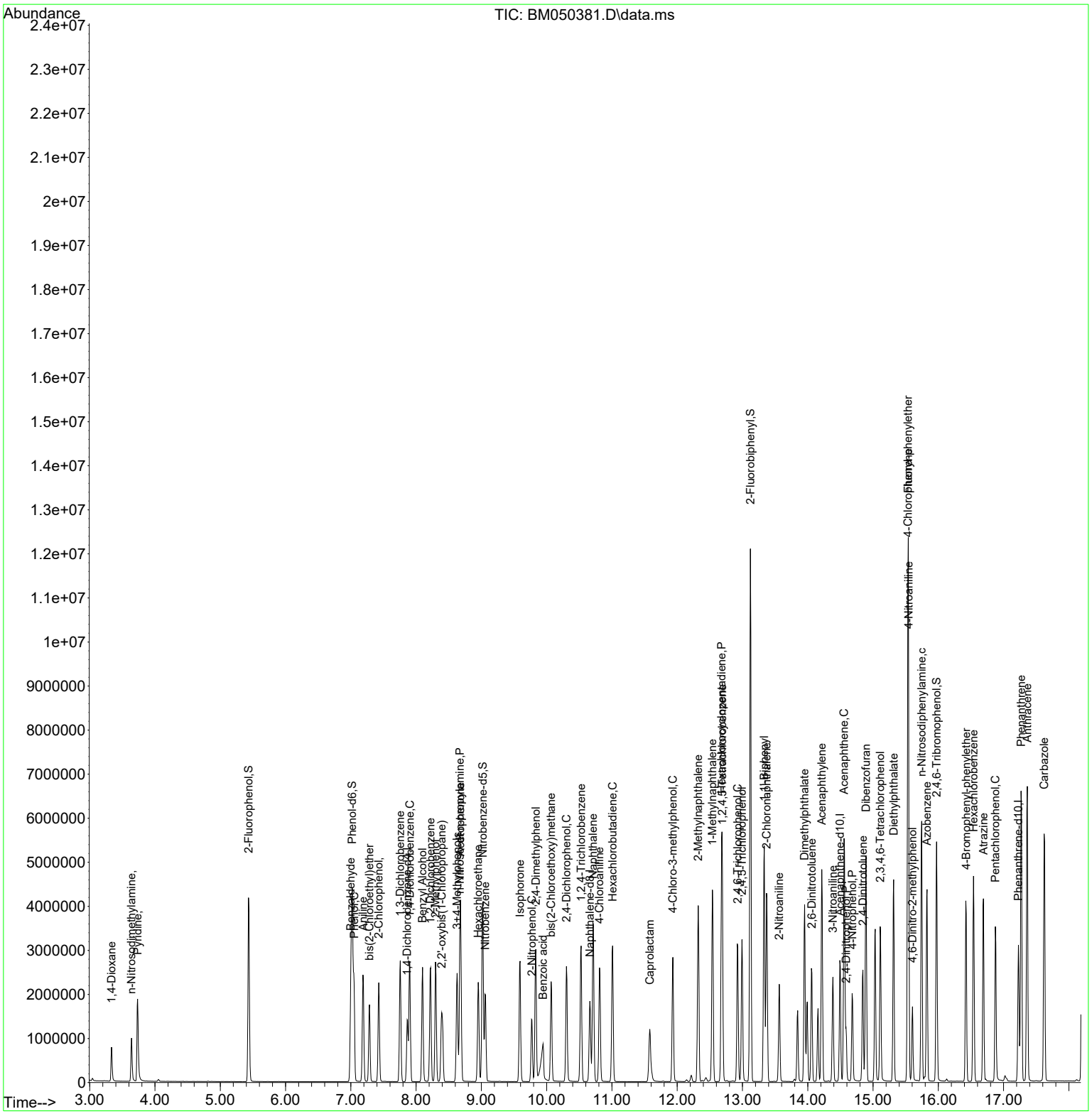
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

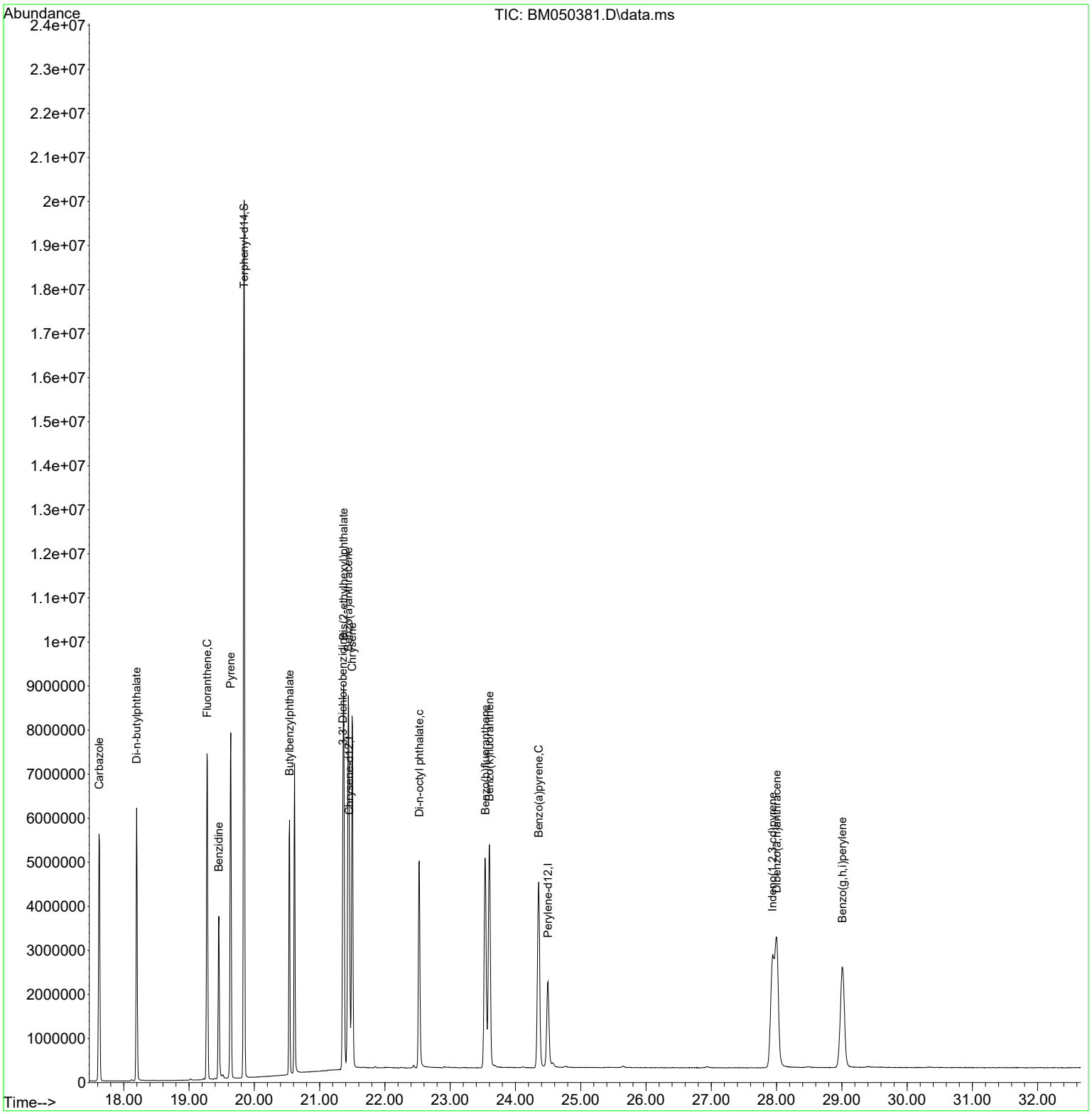


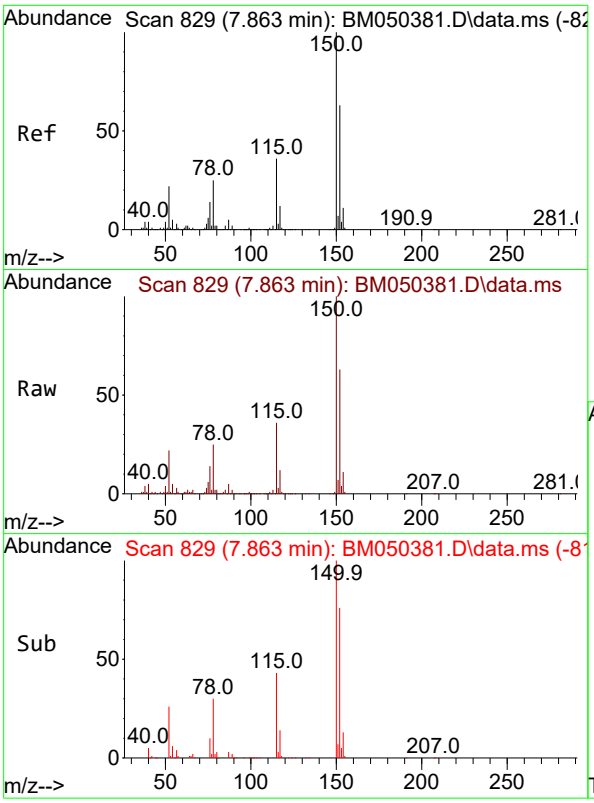
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



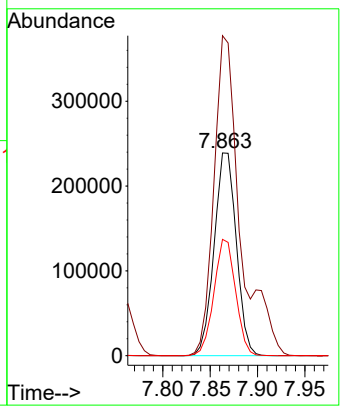


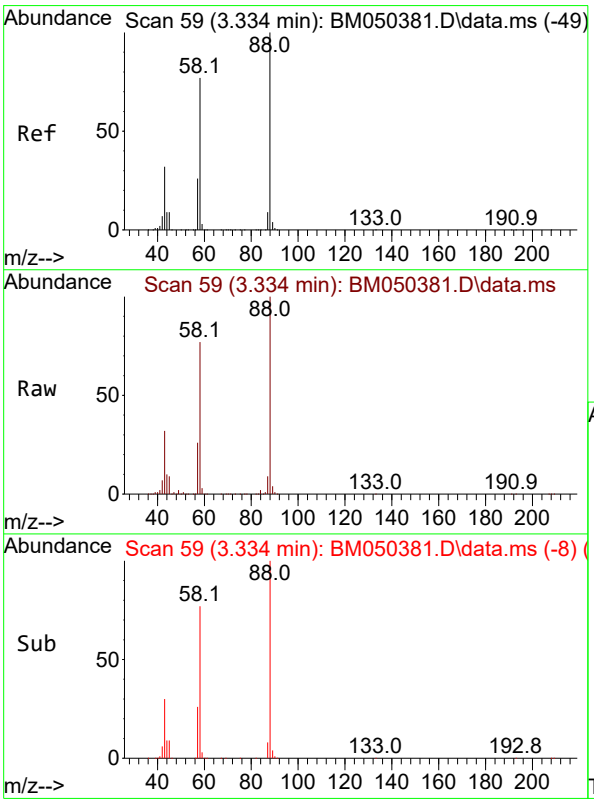
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 390087

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.4
115	57.3	45.8	68.8

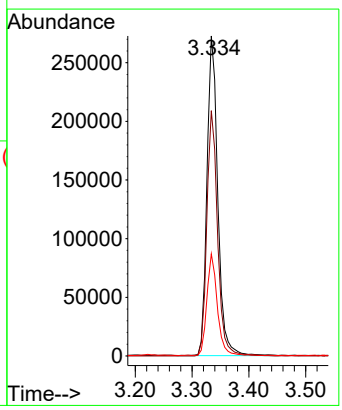


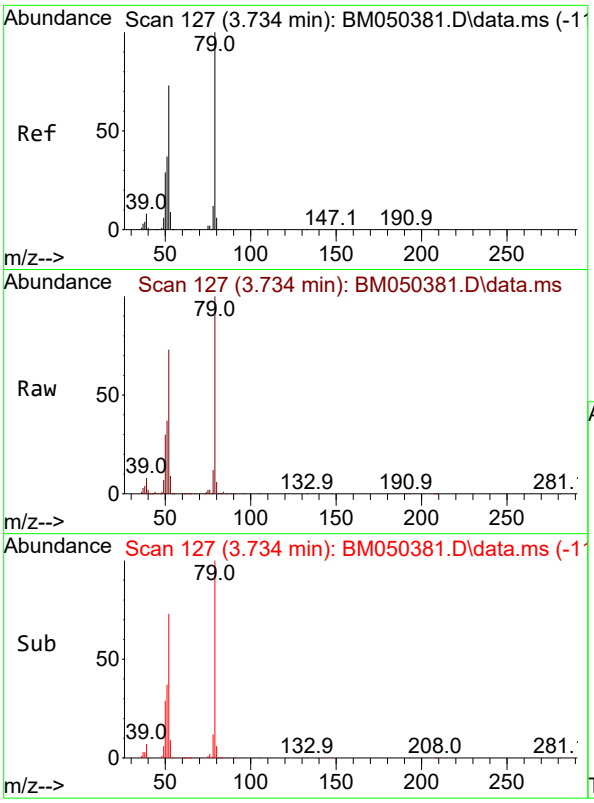


#2
1,4-Dioxane
Concen: 38.479 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 88 Resp: 358574

Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.0	91.6
43	30.8	24.6	37.0



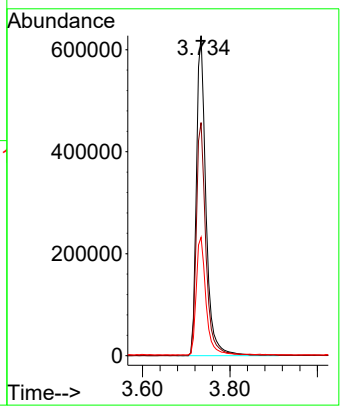


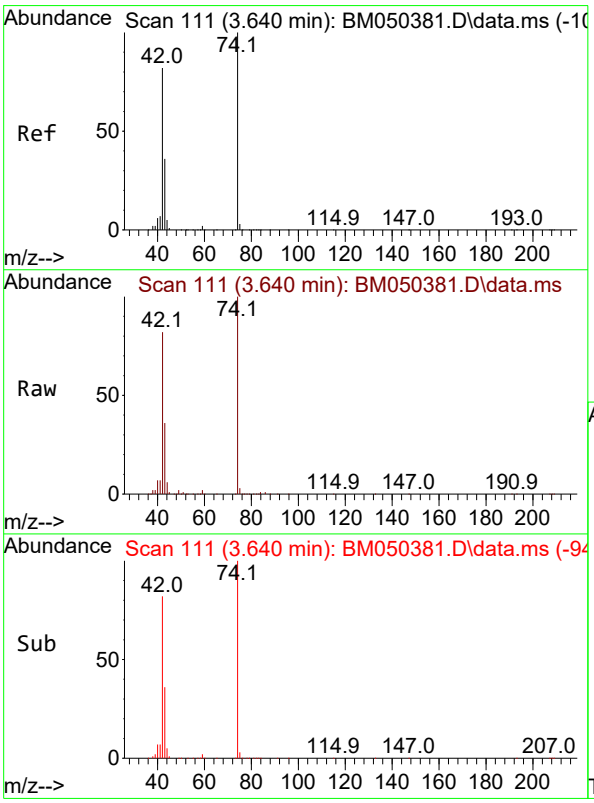
#3
Pyridine
Concen: 39.152 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 957840

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	37.0	29.6	44.4

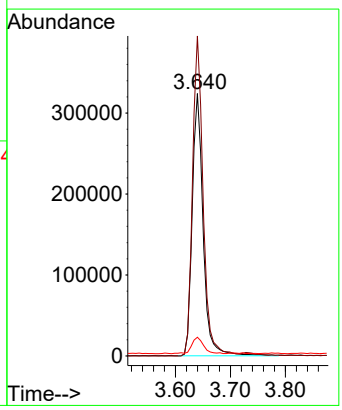


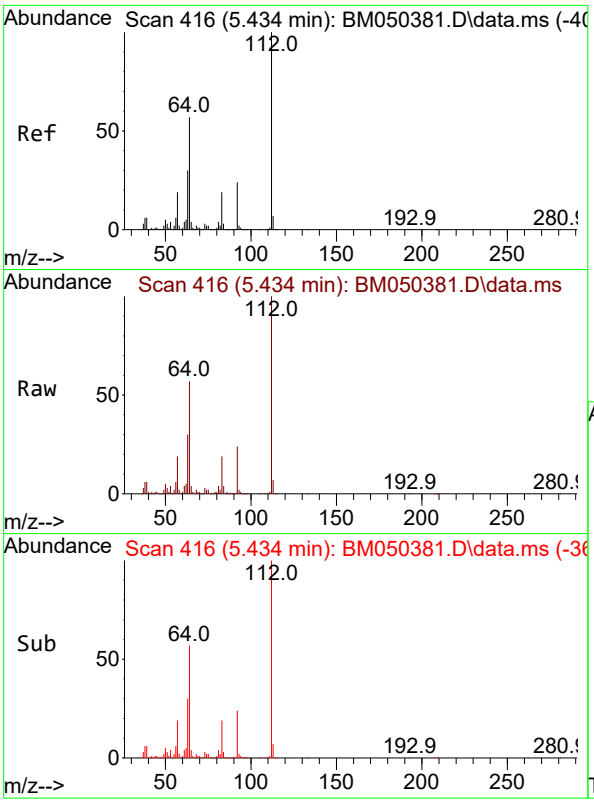


#4
n-Nitrosodimethylamine
Concen: 39.127 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 42 Resp: 446254

Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.5	146.3
44	7.1	5.7	8.5



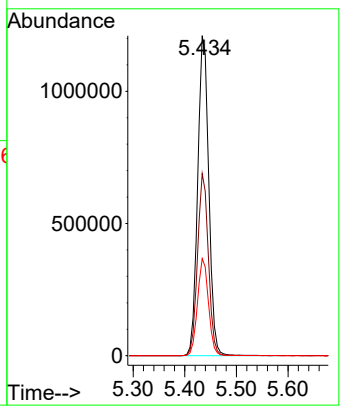


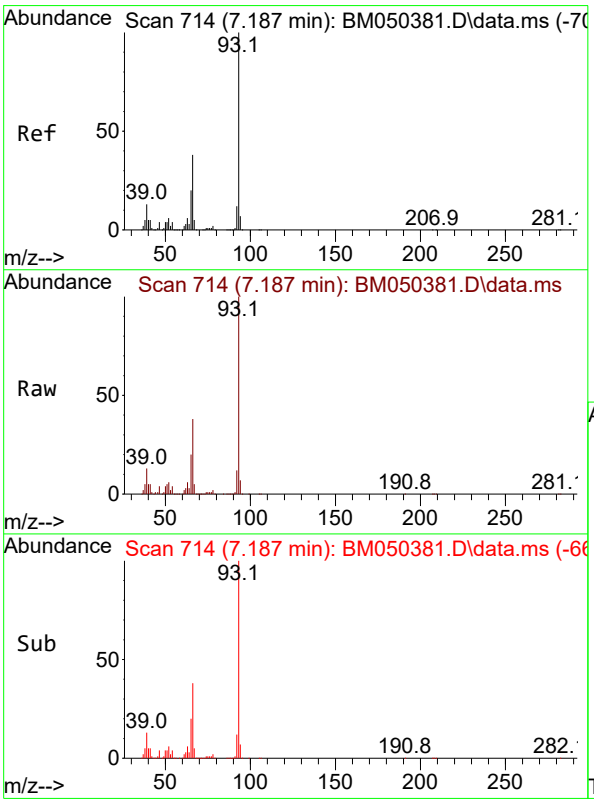
#5
2-Fluorophenol
Concen: 79.307 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1797254

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.3	24.2	36.4

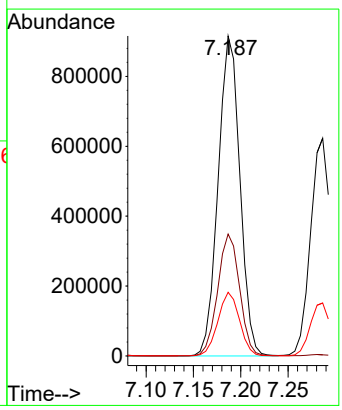


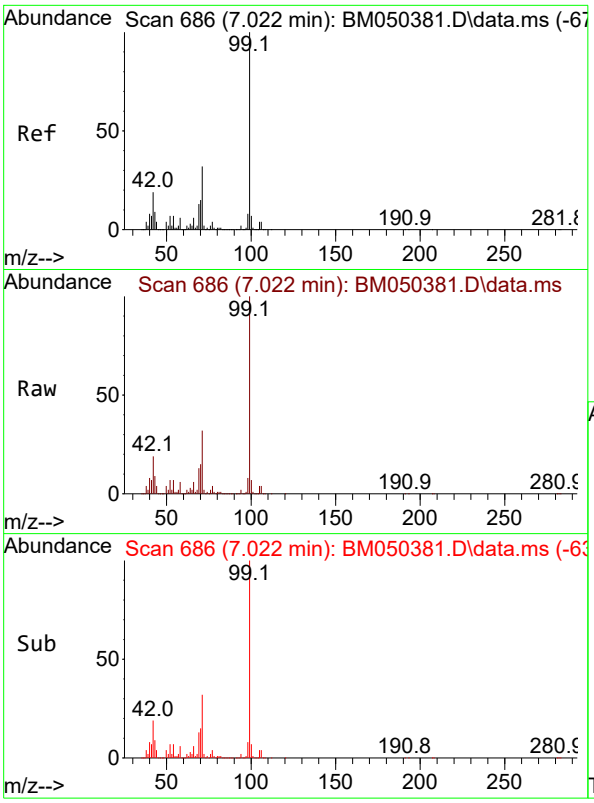


#6
Aniline
Concen: 39.971 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1465425

Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.5	45.7
65	19.9	15.9	23.9



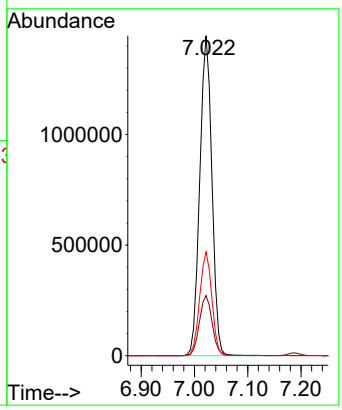


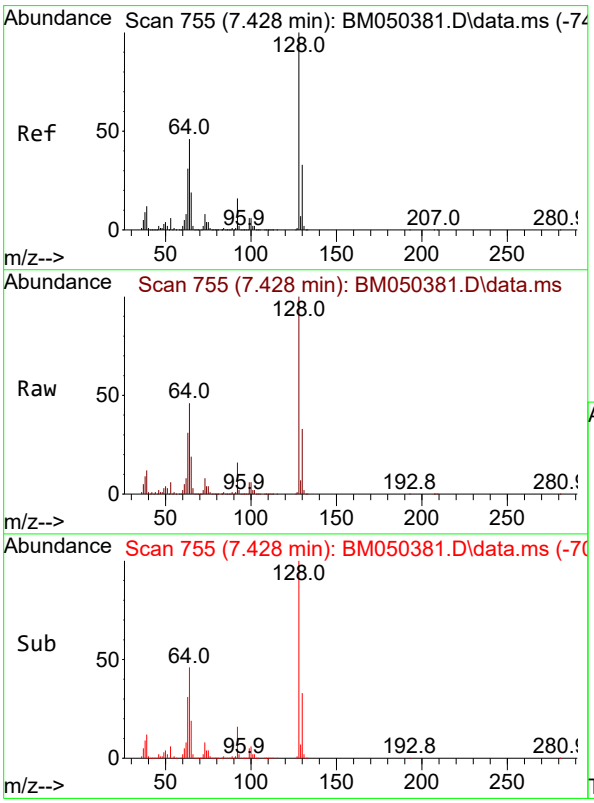
#7
Phenol-d6
Concen: 80.057 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2287075

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.4	25.9	38.9

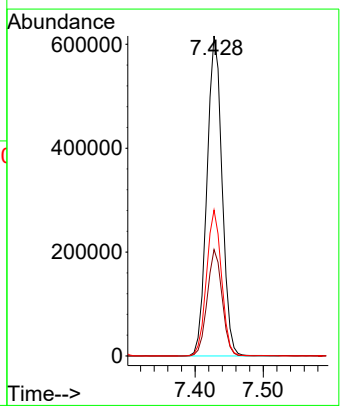


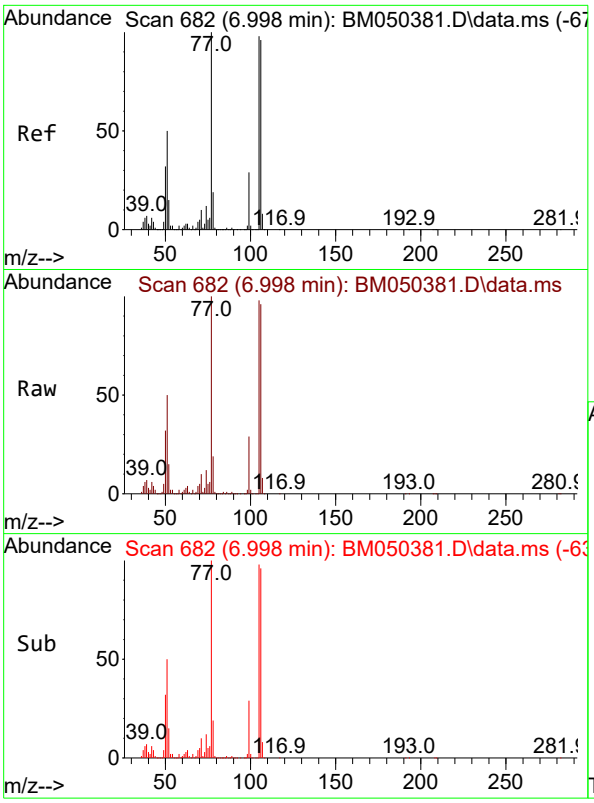


#8
2-Chlorophenol
Concen: 39.725 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:128 Resp: 949275

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	45.6	25.6	65.6



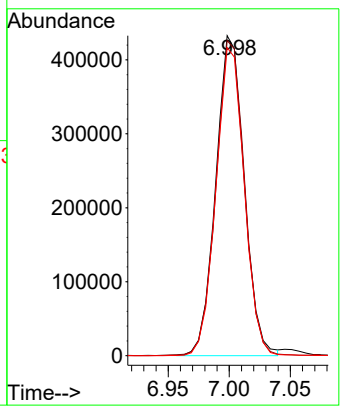


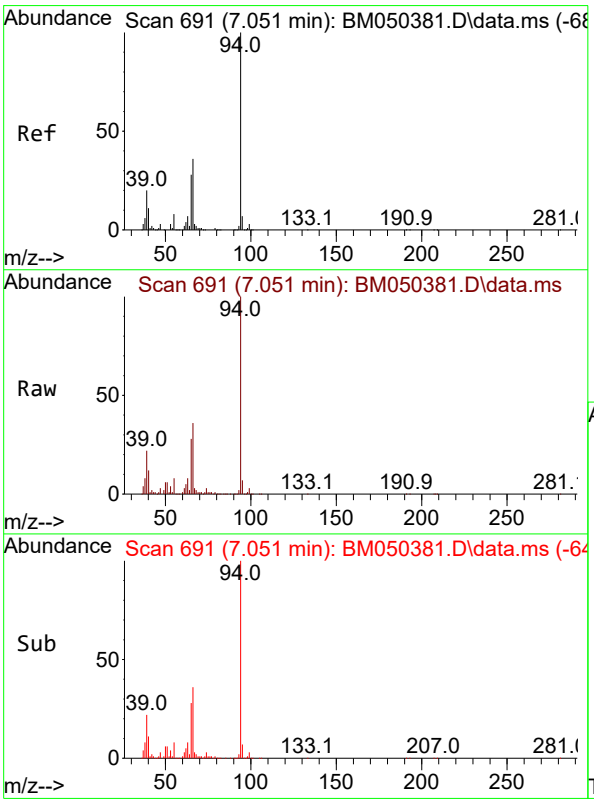
#9
Benzaldehyde
Concen: 41.183 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 699931

Ion	Ratio	Lower	Upper
77	100		
105	98.4	78.4	118.4
106	96.3	76.3	116.3

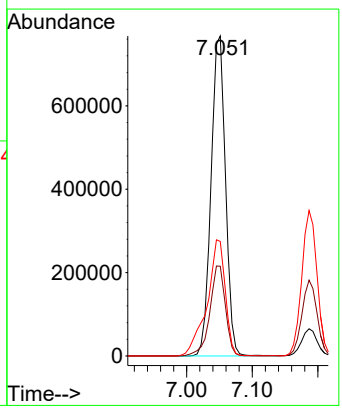


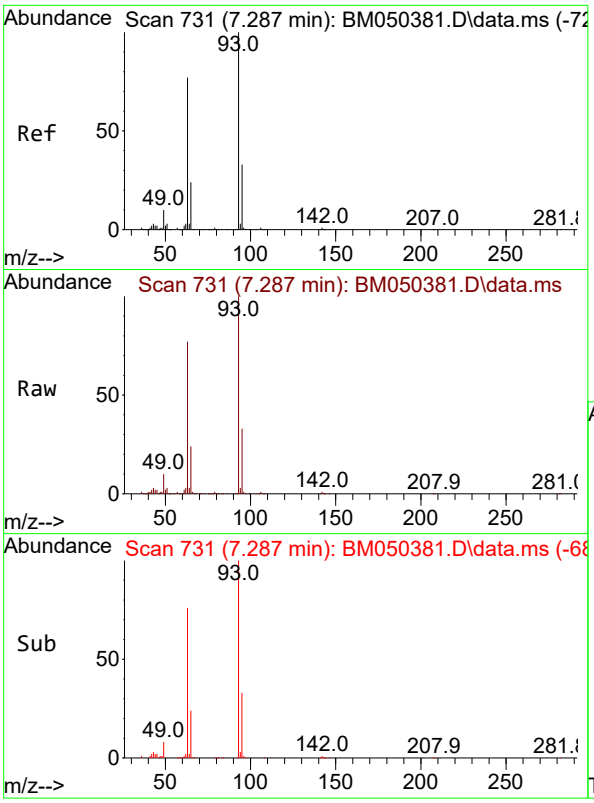


#10
Phenol
Concen: 39.486 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 94 Resp: 1176548

Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	35.8	15.8	55.8



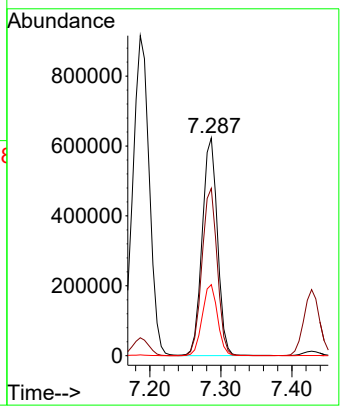


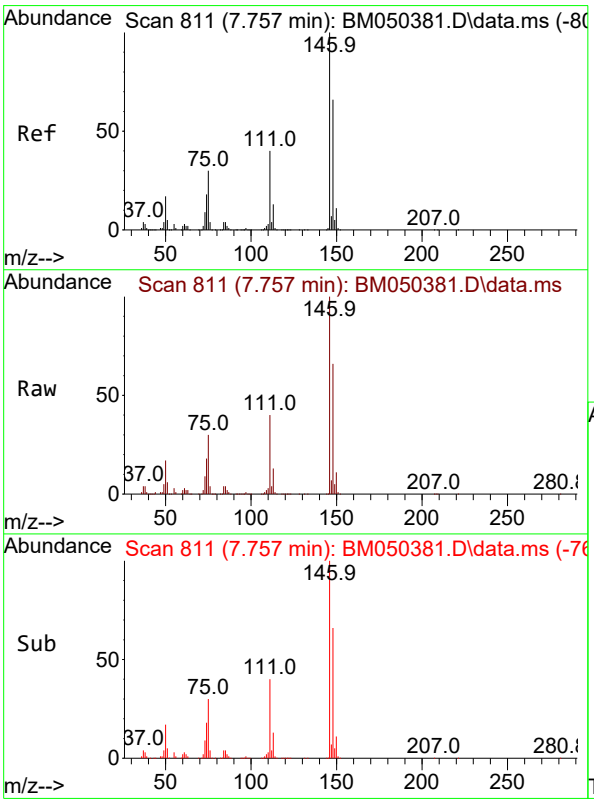
#11
bis(2-Chloroethyl)ether
Concen: 39.103 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 933093

Ion	Ratio	Lower	Upper
93	100		
63	76.9	56.9	96.9
95	32.6	12.6	52.6

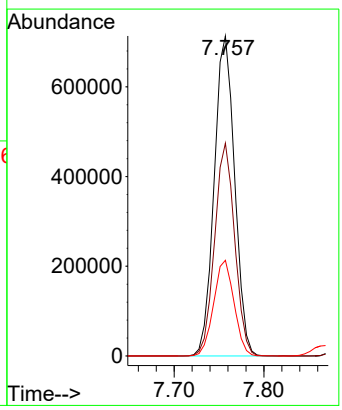


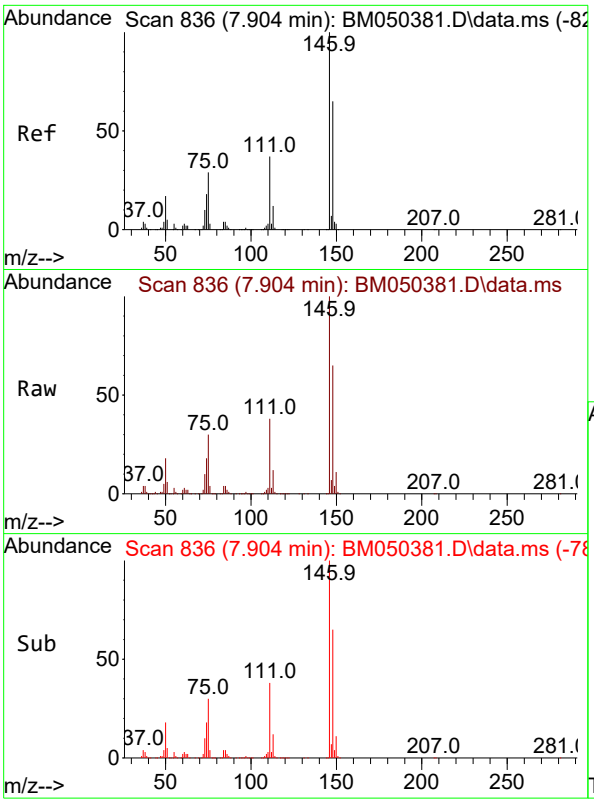


#12
1,3-Dichlorobenzene
Concen: 38.876 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1129597

Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	29.9	23.9	35.9



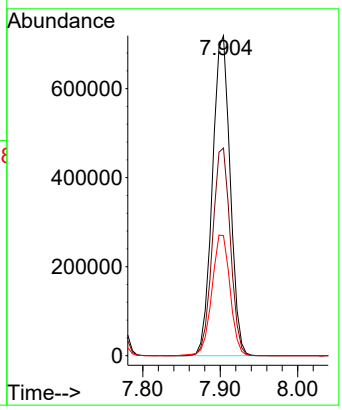


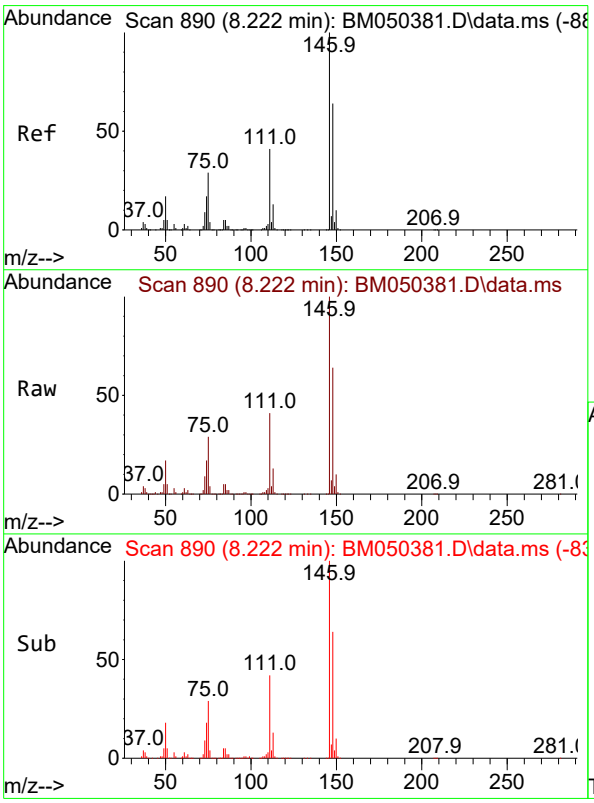
#13
1,4-Dichlorobenzene
Concen: 38.525 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1143020

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	37.5	30.0	45.0

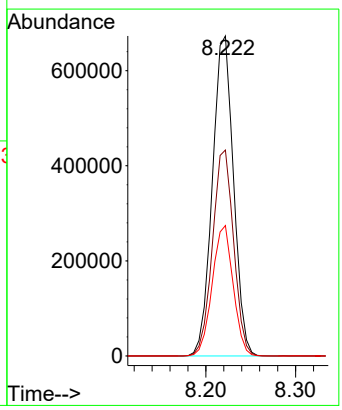


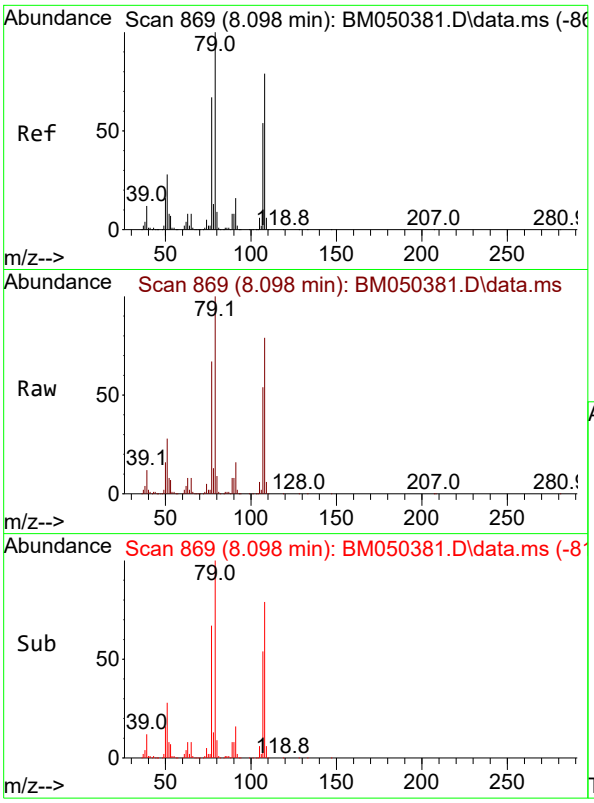


#14
1,2-Dichlorobenzene
Concen: 38.737 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1100335

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.8	32.6	49.0



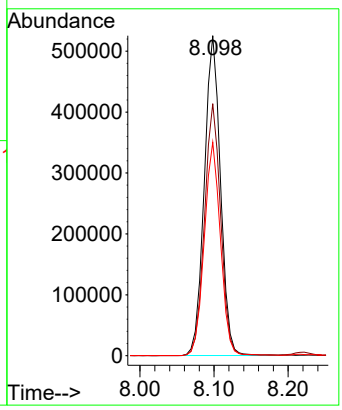


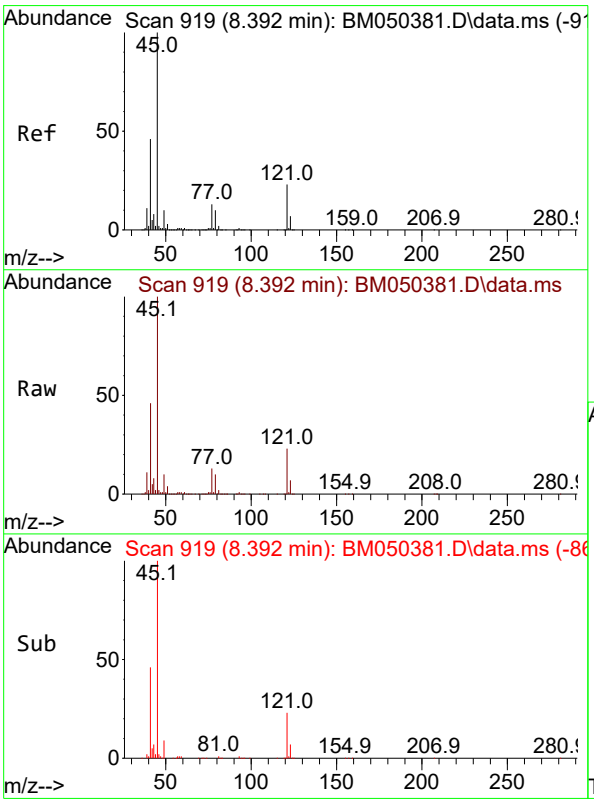
#15
Benzyl Alcohol
Concen: 39.610 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 797306

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.0	94.4
77	66.7	53.4	80.0

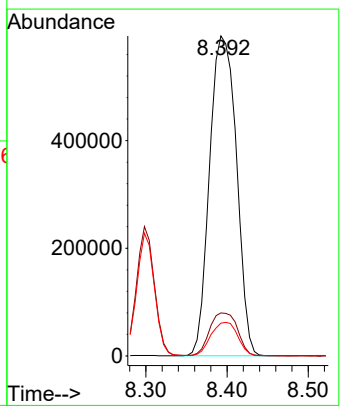


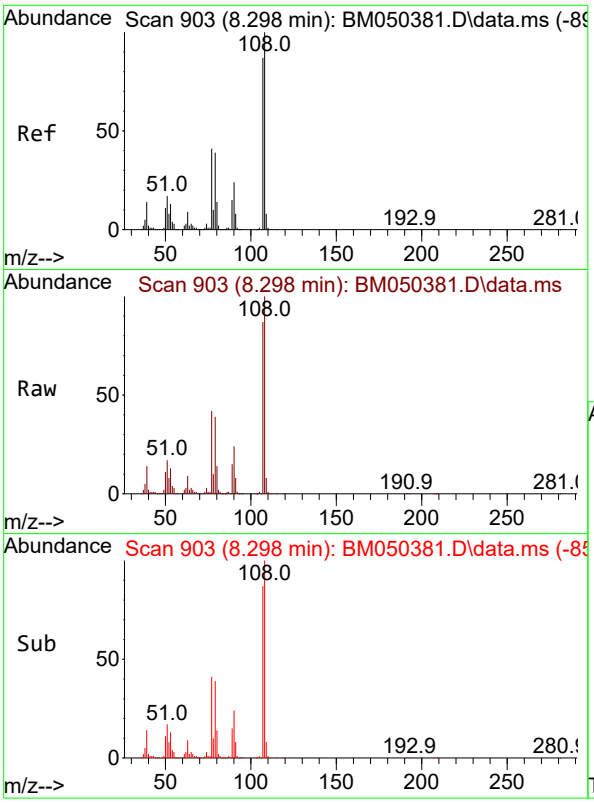


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.896 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 45 Resp: 1367157

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.5
79	10.3	0.0	30.3



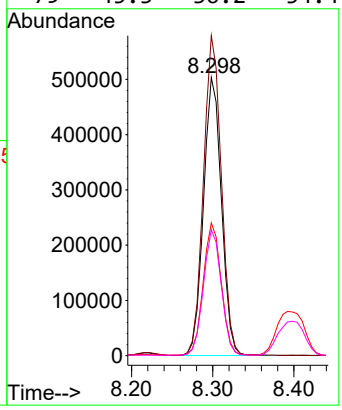


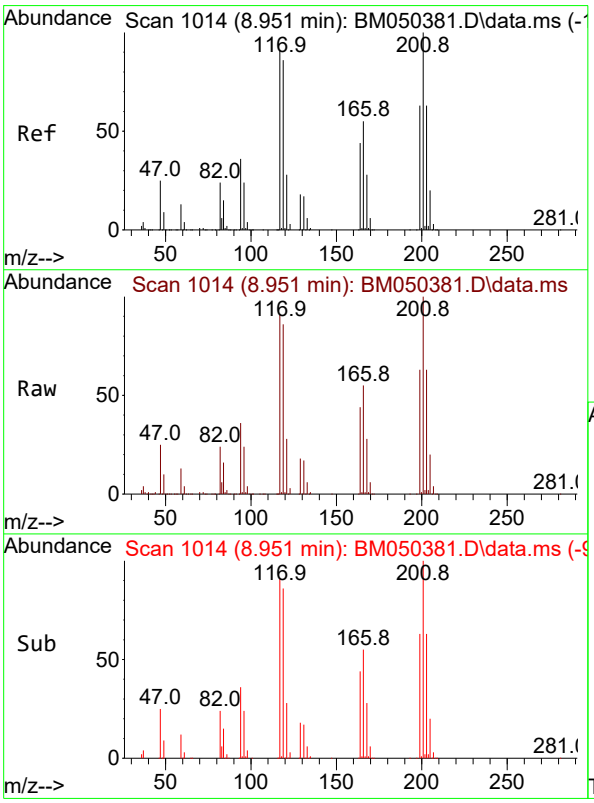
#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 772662

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.1	138.1
77	47.8	38.2	57.4
79	45.3	36.2	54.4

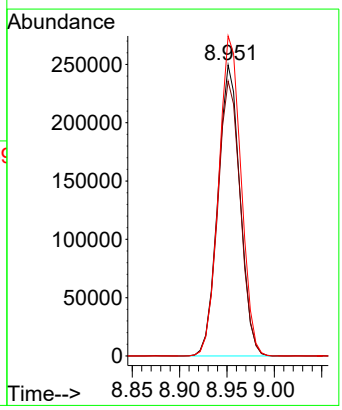


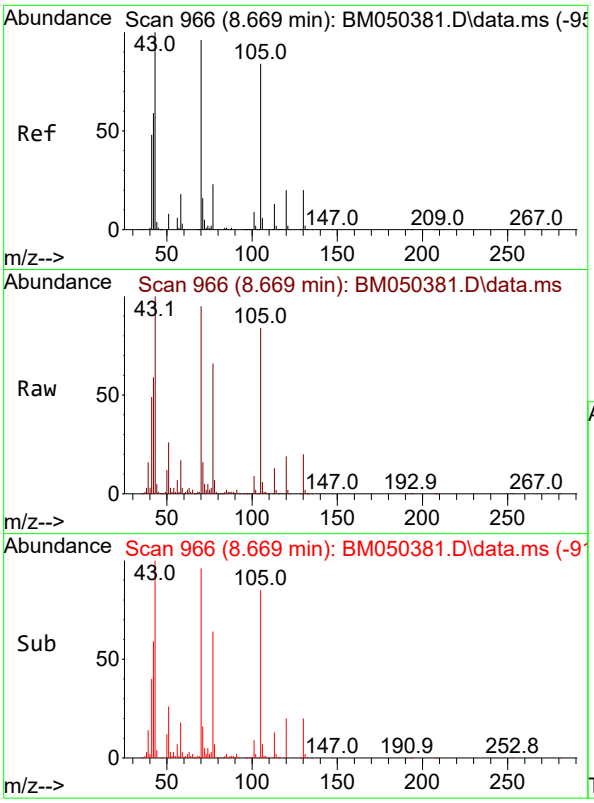


#18
Hexachloroethane
Concen: 38.914 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:117 Resp: 406049

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	109.9	87.9	131.9



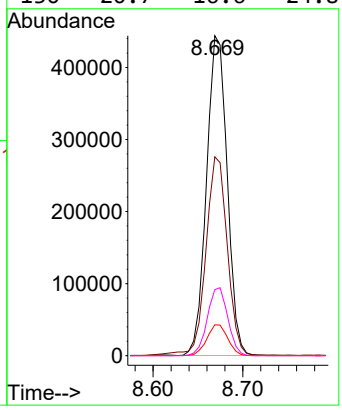


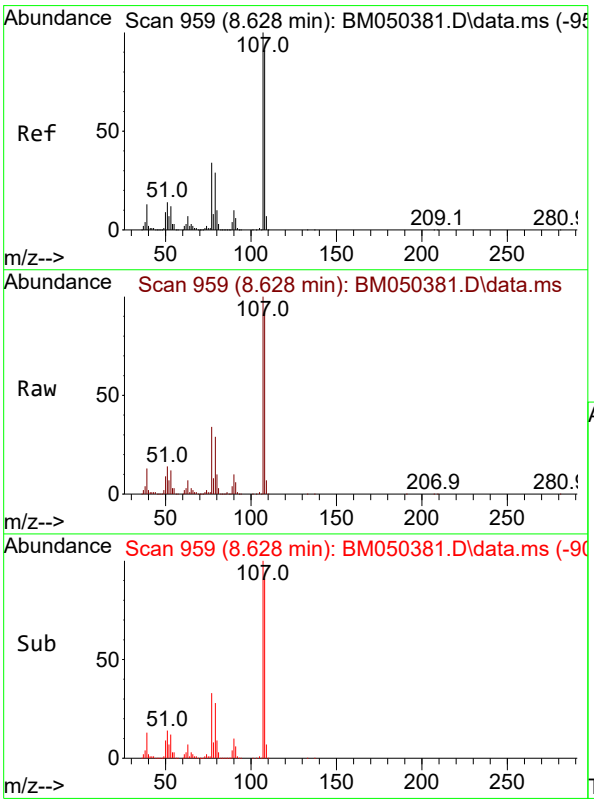
#19
n-Nitroso-di-n-propylamine
Concen: 41.065 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 710692

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	9.6	7.7	11.5
130	20.7	16.6	24.8

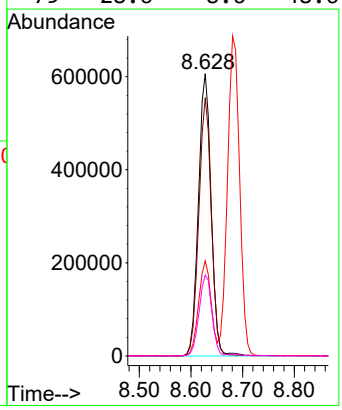


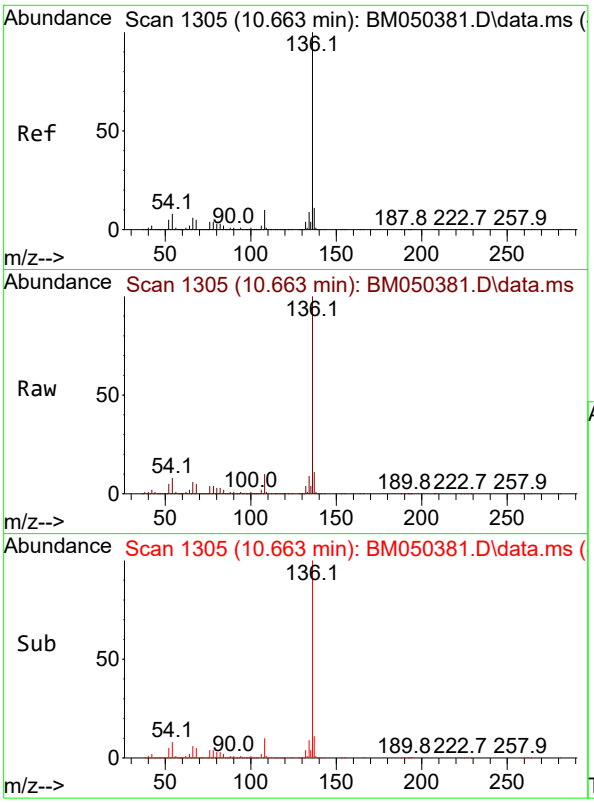


#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 1033775

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.7	13.7	53.7
79	28.6	8.6	48.6



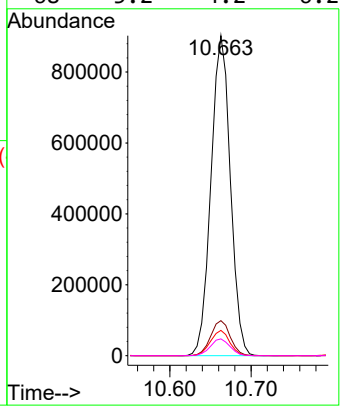


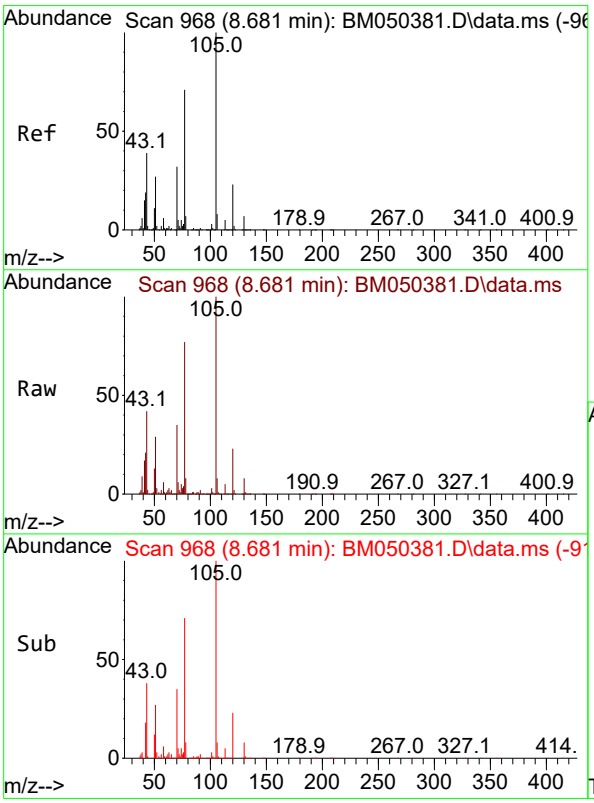
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1498318

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	5.2	4.2	6.2

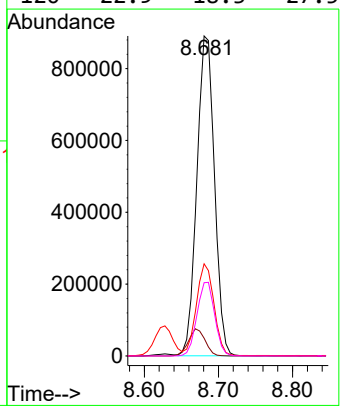


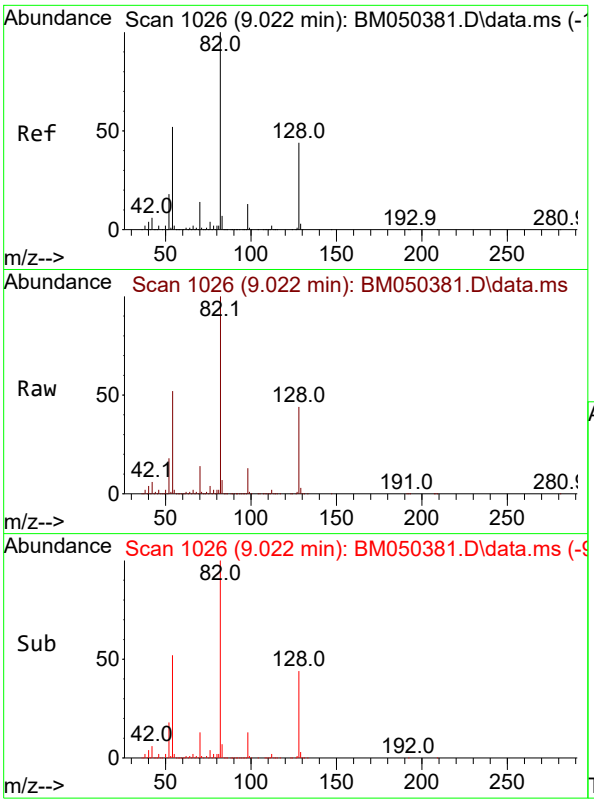


#22
Acetophenone
Concen: 39.290 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:105 Resp: 1471867

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	28.8	23.0	34.6
120	22.9	18.3	27.5



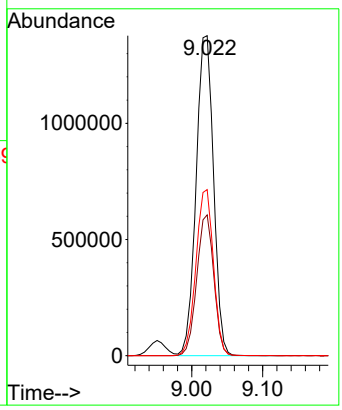


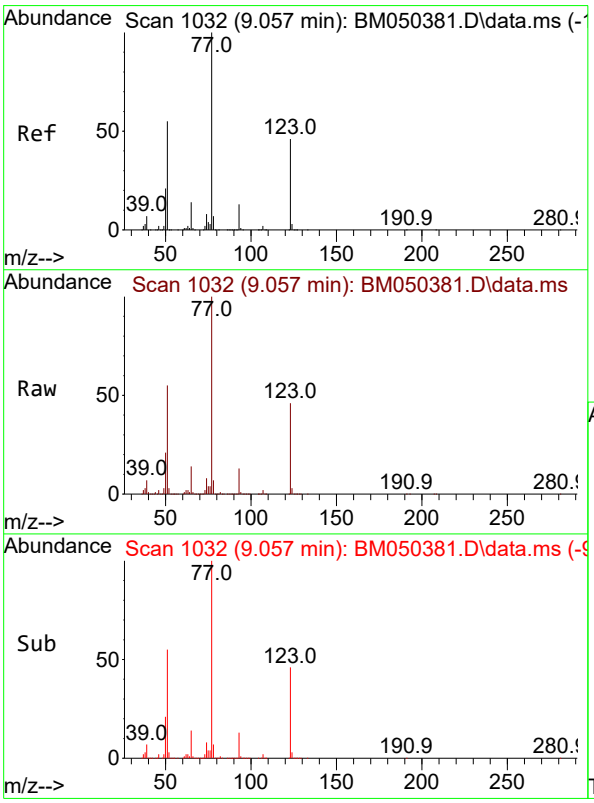
#23
Nitrobenzene-d5
Concen: 80.025 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 2350204

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.9	41.5	62.3

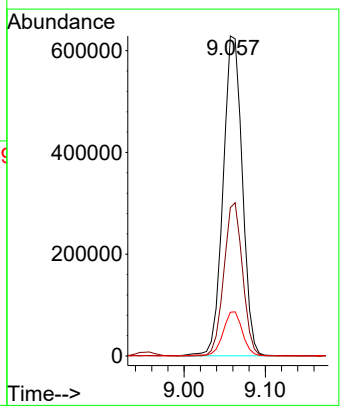


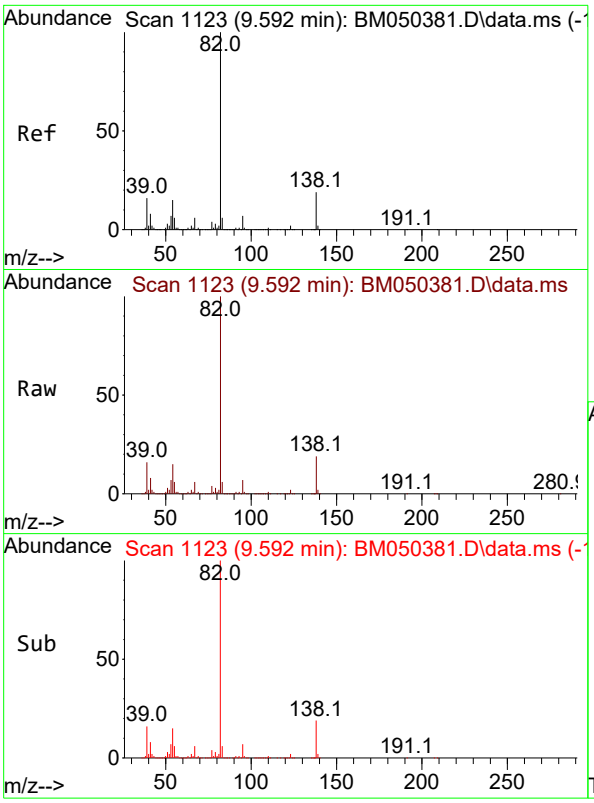


#24
Nitrobenzene
Concen: 39.463 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 77 Resp: 1034216

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.6
65	13.7	11.0	16.4



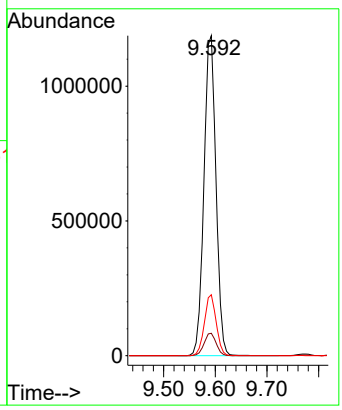


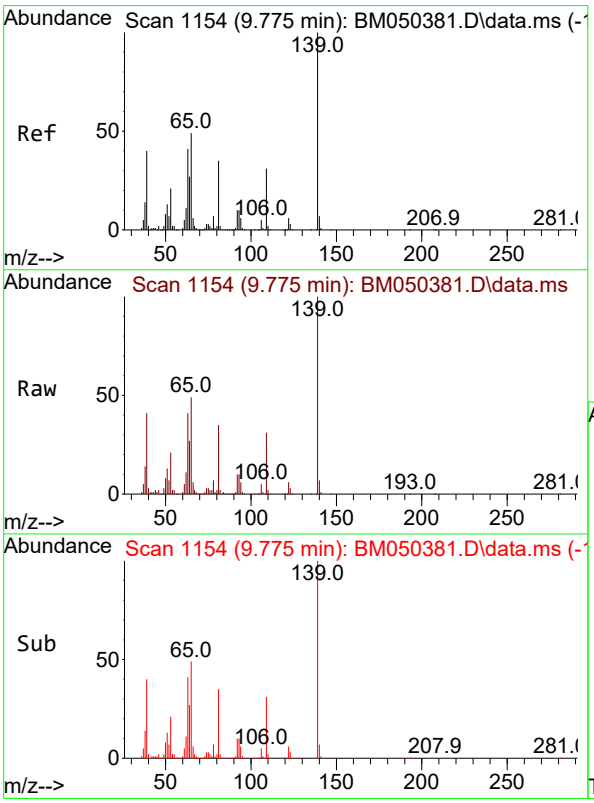
#25
Isophorone
Concen: 40.218 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1916609

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.1	15.3	22.9

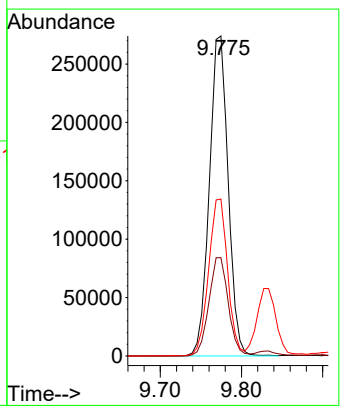


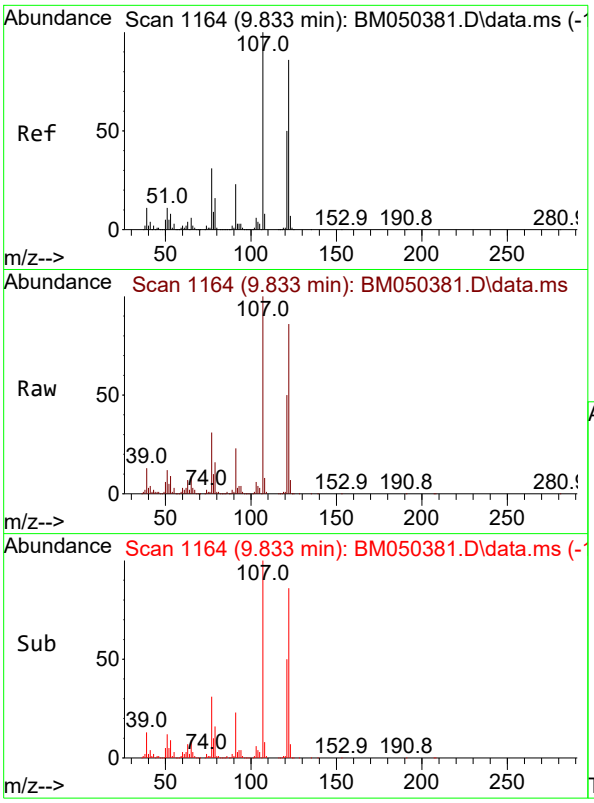


#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 440758

Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.6	36.8
65	49.0	39.2	58.8



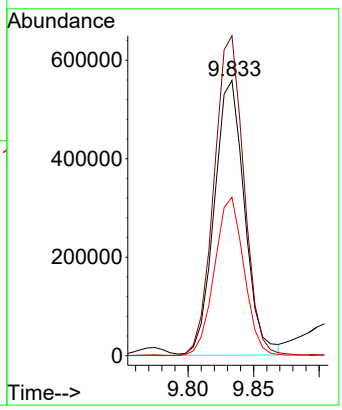


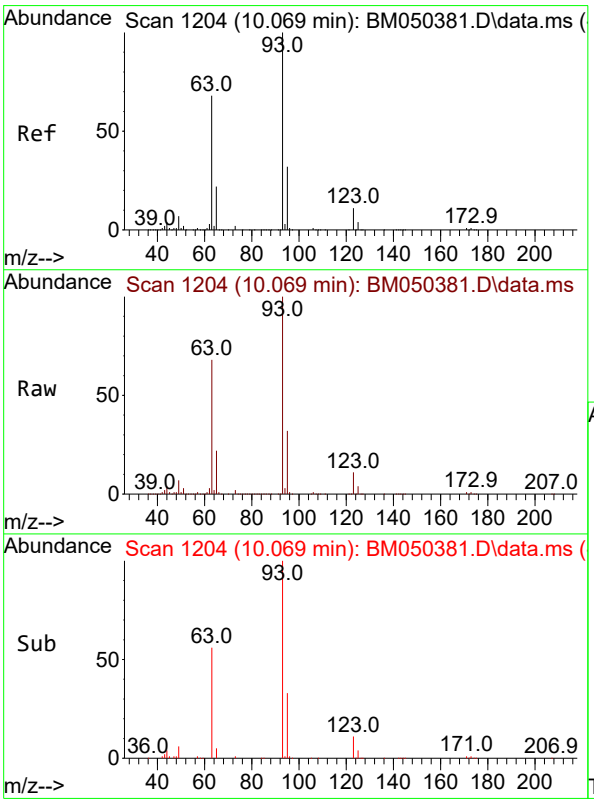
#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 895117

Ion	Ratio	Lower	Upper
122	100		
107	116.3	93.0	139.6
121	57.6	46.1	69.1

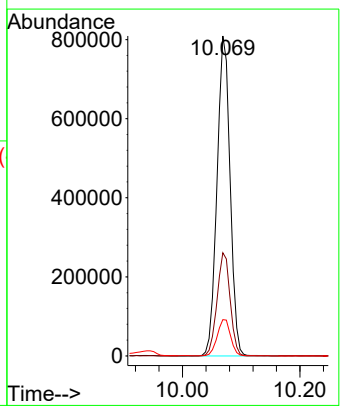


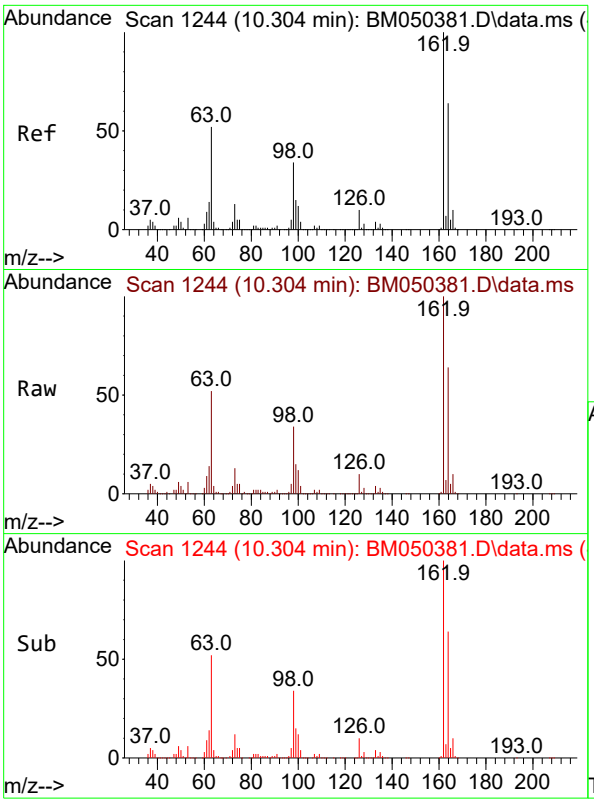


#28
bis(2-Chloroethoxy)methane
Concen: 39.577 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1249755

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.4	9.1	13.7



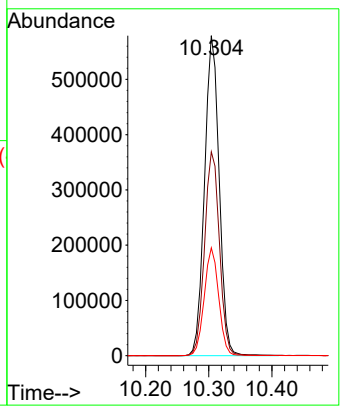


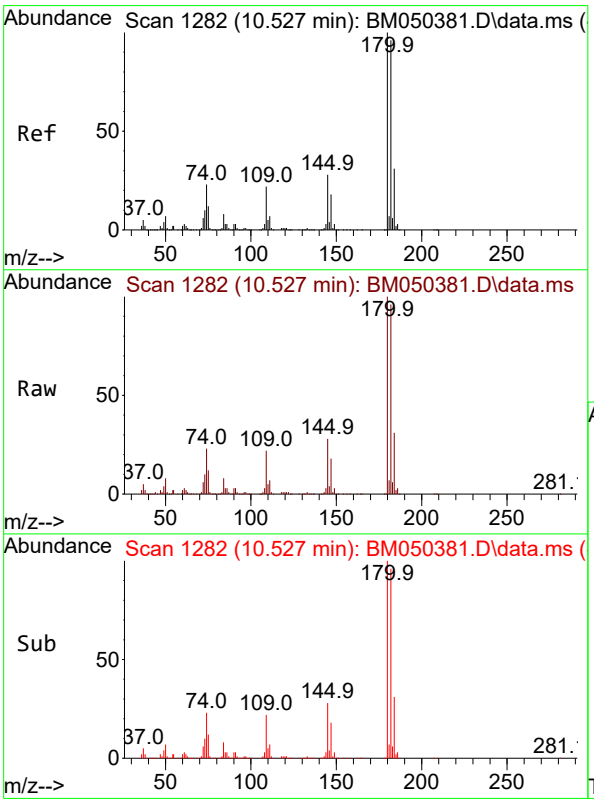
#29
2,4-Dichlorophenol
Concen: 40.040 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 934922

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	33.7	13.7	53.7

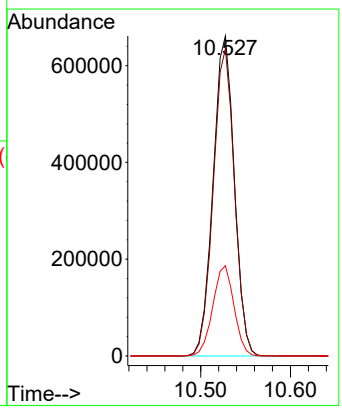


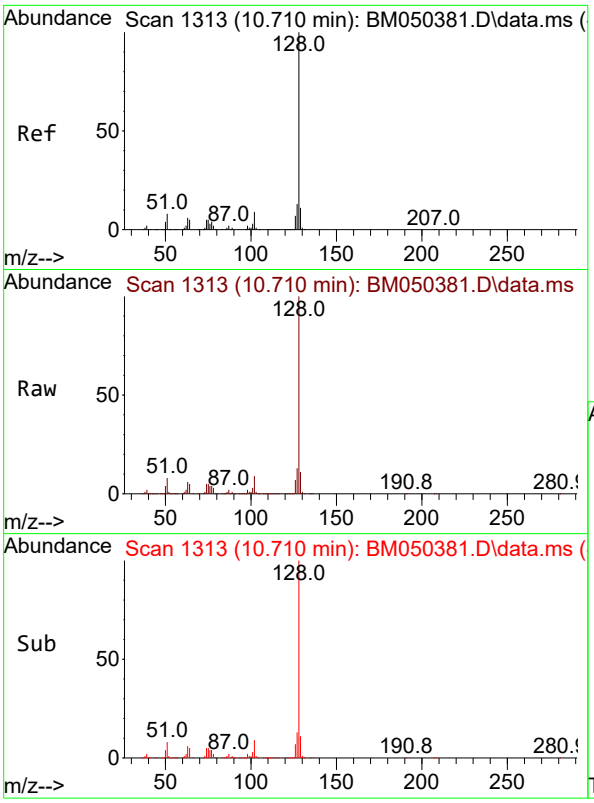


#30
1,2,4-Trichlorobenzene
Concen: 38.850 ng
RT: 10.527 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:180 Resp: 1085193

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	28.2	22.6	33.8



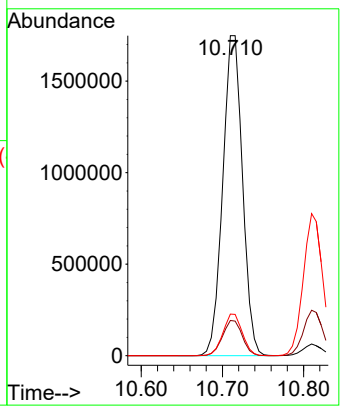


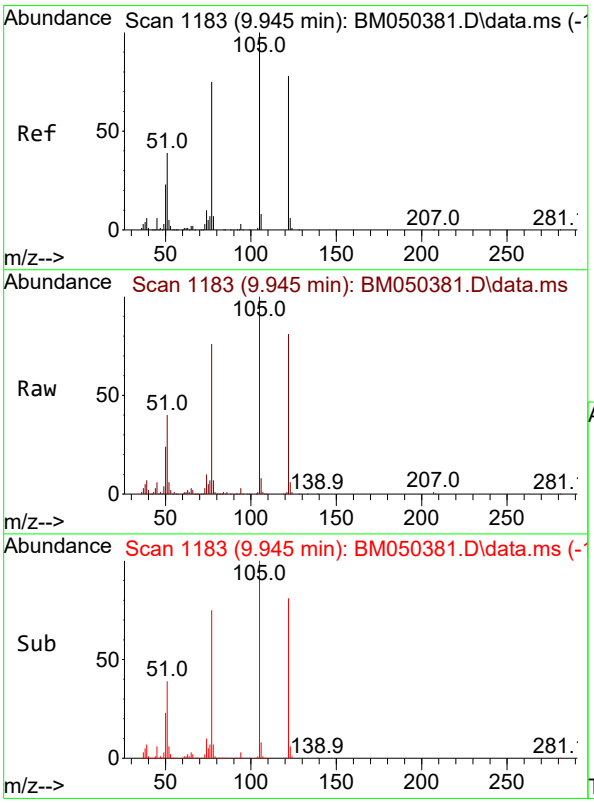
#31
Naphthalene
Concen: 38.905 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2960809

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

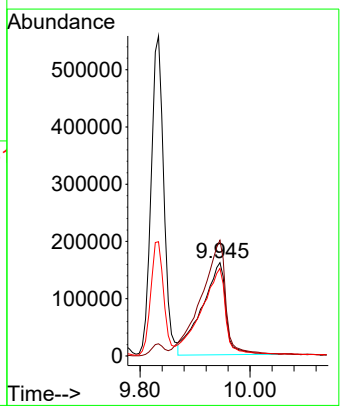


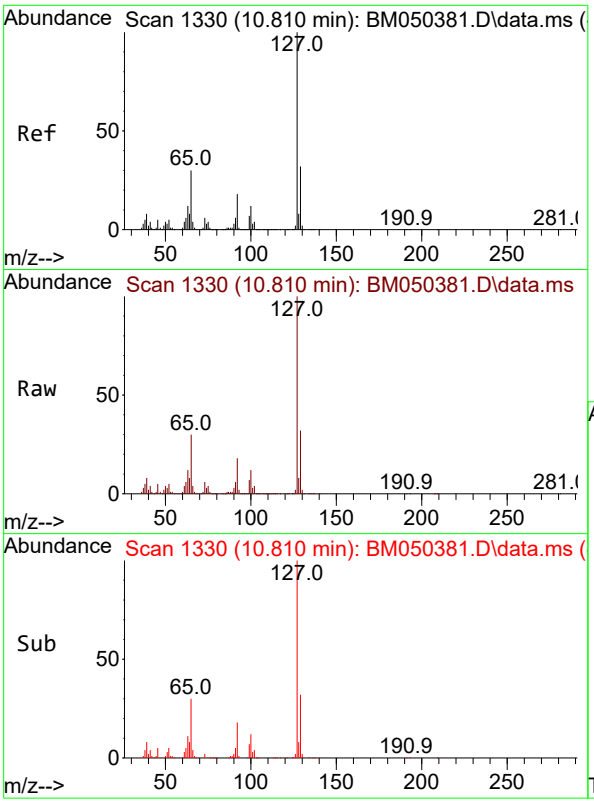


#32
Benzoic acid
Concen: 36.793 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:122 Resp: 491059

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.0	144.0
77	93.8	73.8	113.8



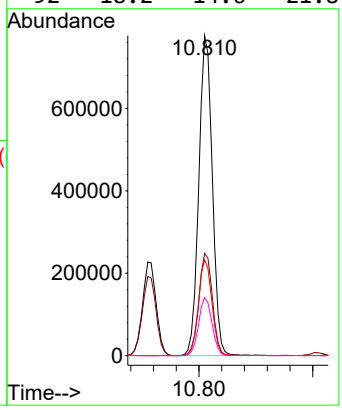


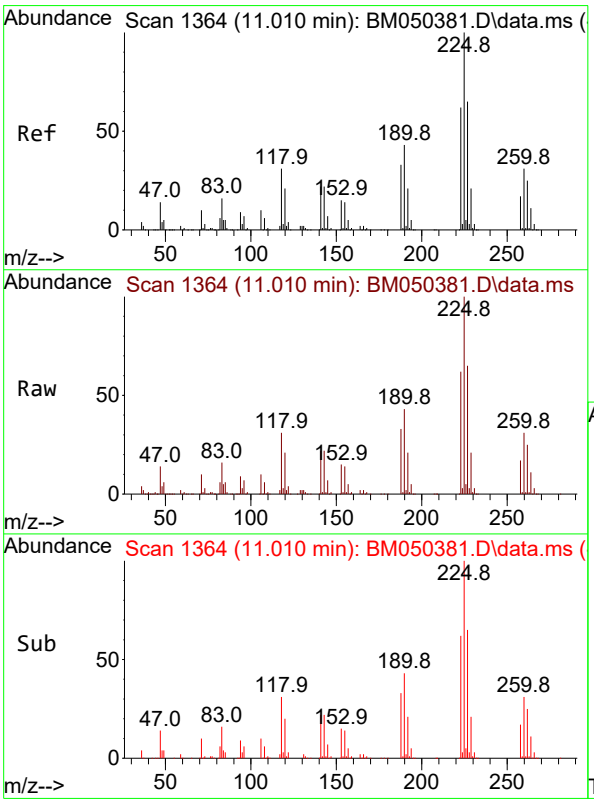
#33
4-Chloroaniline
Concen: 39.947 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1285226

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	29.9	23.9	35.9
92	18.2	14.6	21.8

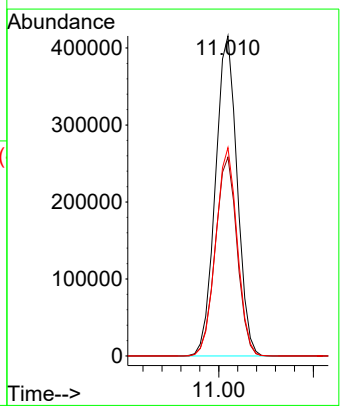


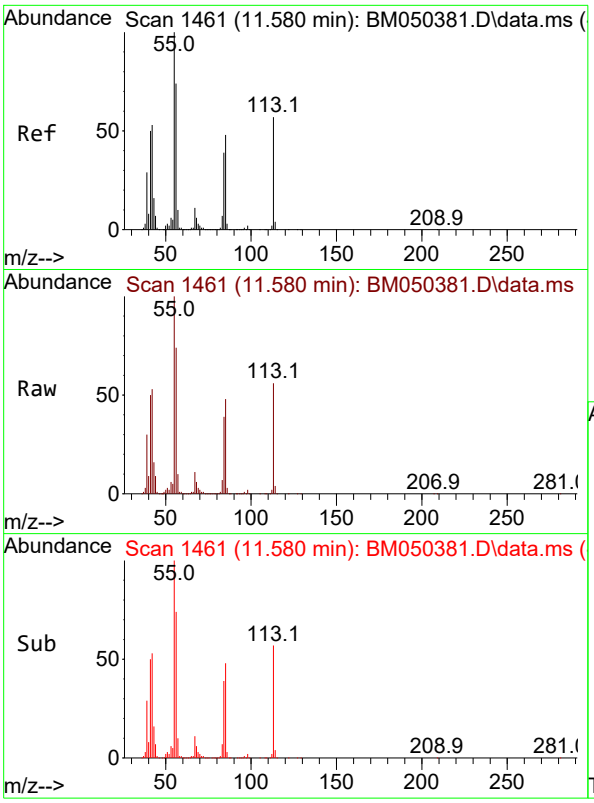


#34
Hexachlorobutadiene
Concen: 38.844 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:225 Resp: 662229

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.1	52.1	78.1



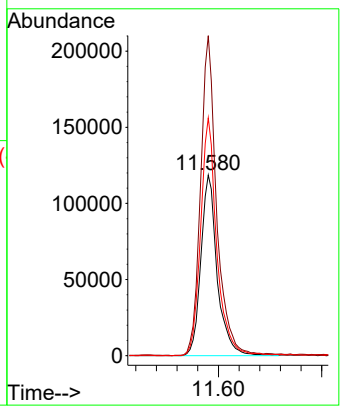


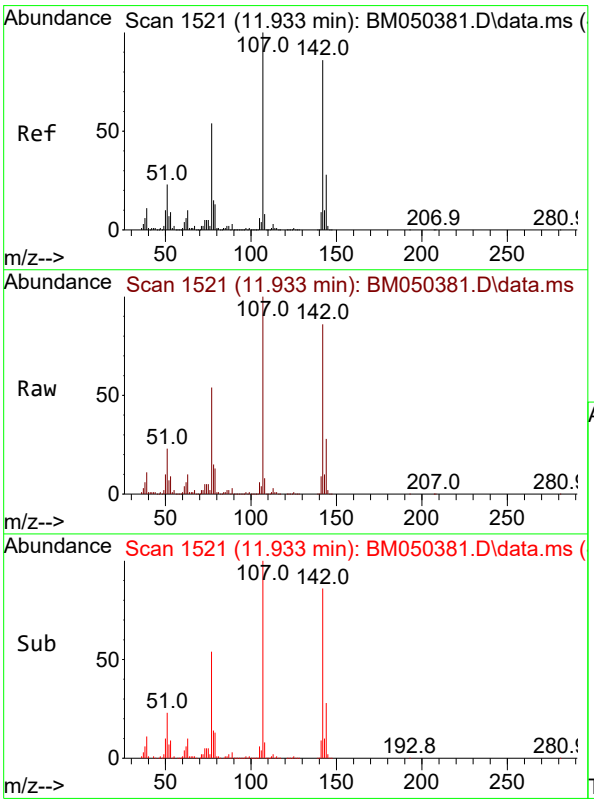
#35
Caprolactam
Concen: 40.791 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 260010

Ion	Ratio	Lower	Upper
113	100		
55	177.2	157.2	197.2
56	131.7	111.7	151.7

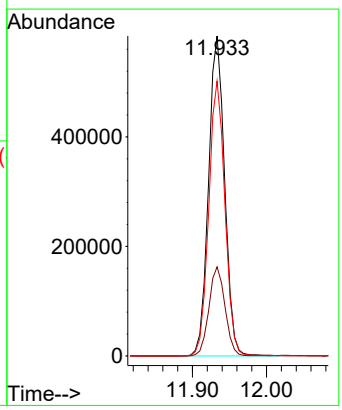


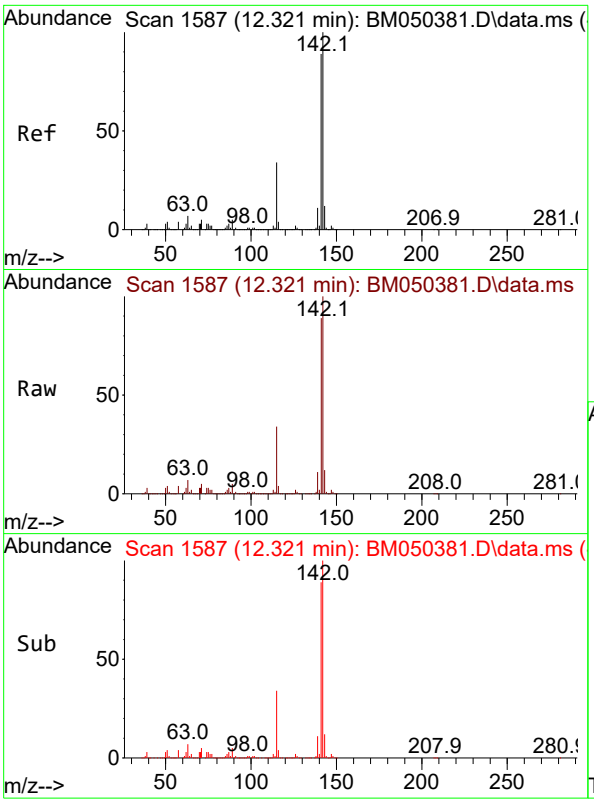


#36
4-Chloro-3-methylphenol
Concen: 40.538 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 883903

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.9	68.7	103.1



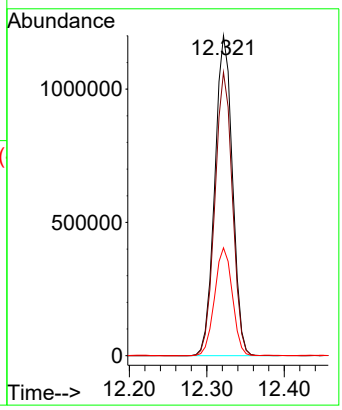


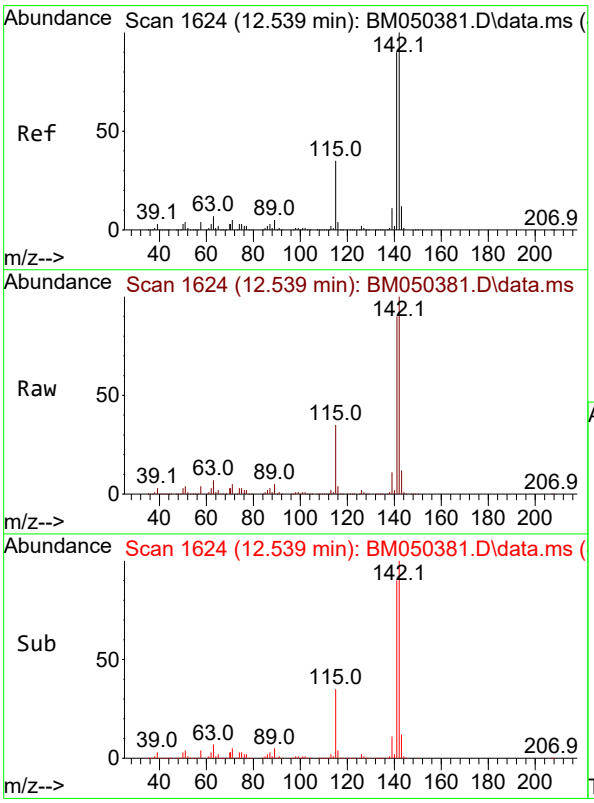
#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 12.321 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1901706

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.7	27.0	40.4

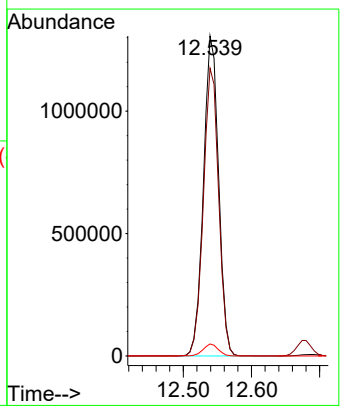


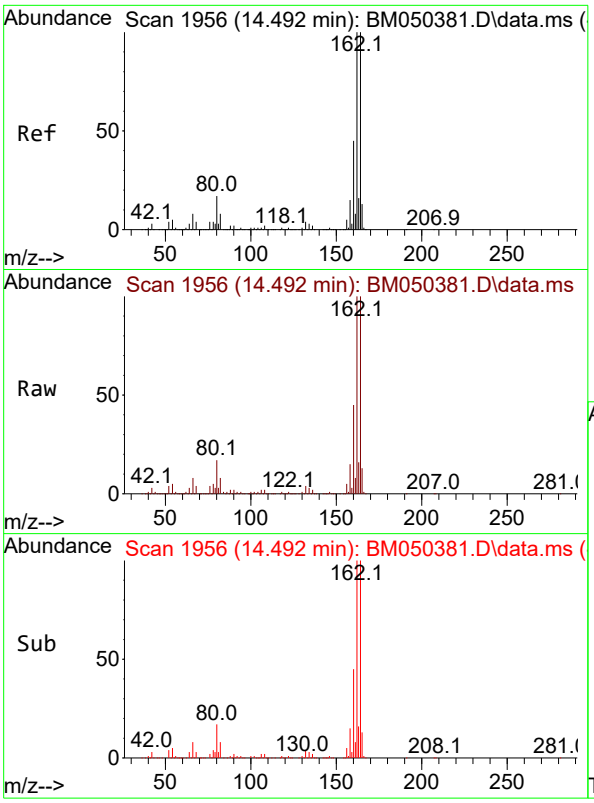


#38
1-Methylnaphthalene
Concen: 39.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:142 Resp: 2017118

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
116	3.8	3.0	4.6



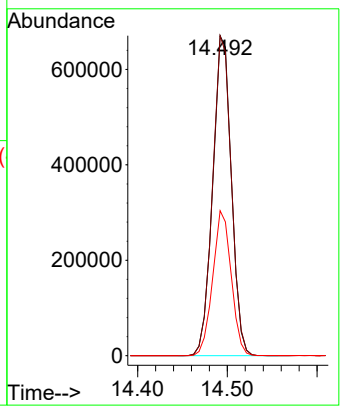


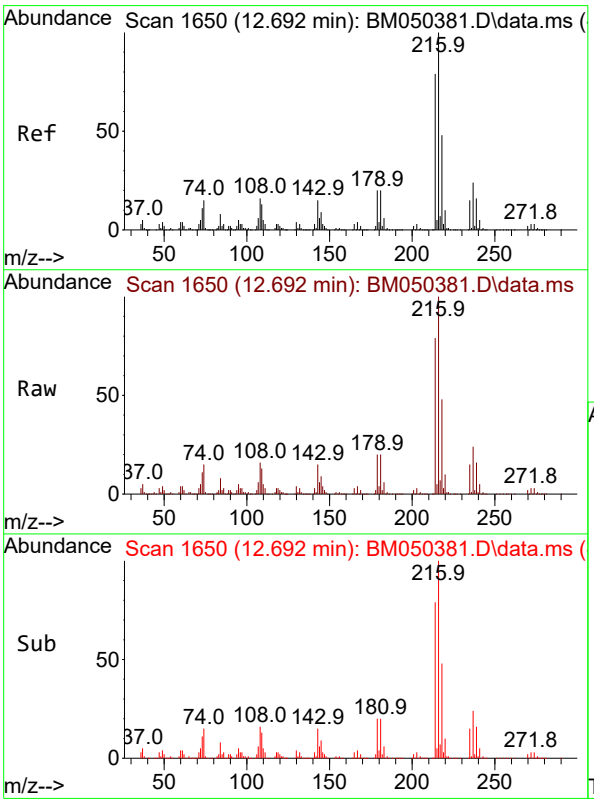
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 967077

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	45.3	36.2	54.4

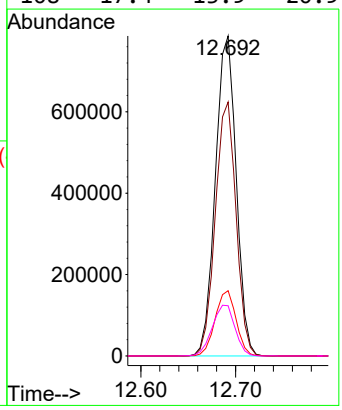


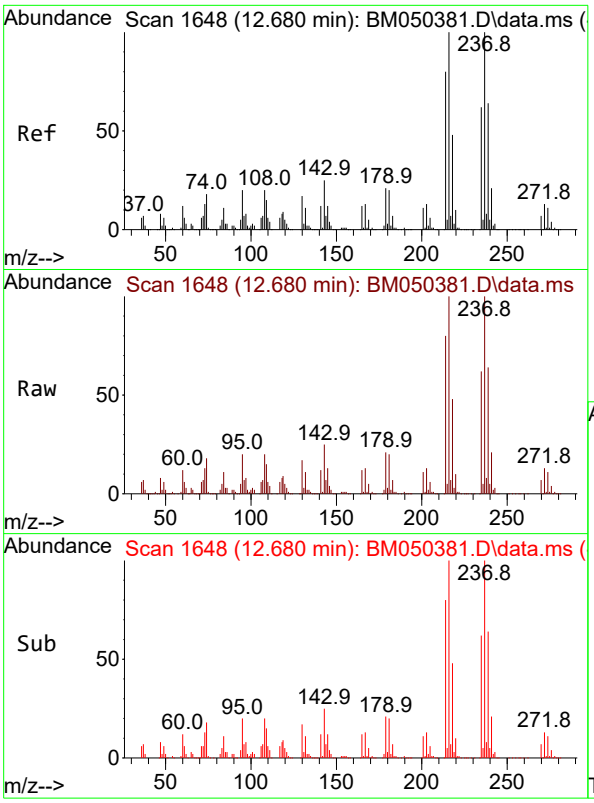


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.134 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:216 Resp: 1203524

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	20.5	16.4	24.6
108	17.4	13.9	20.9



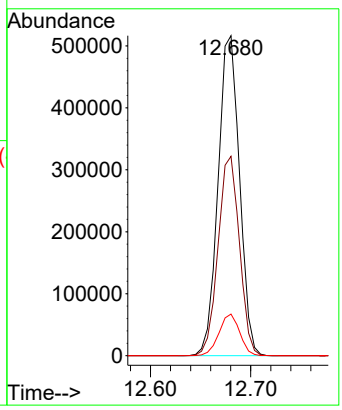


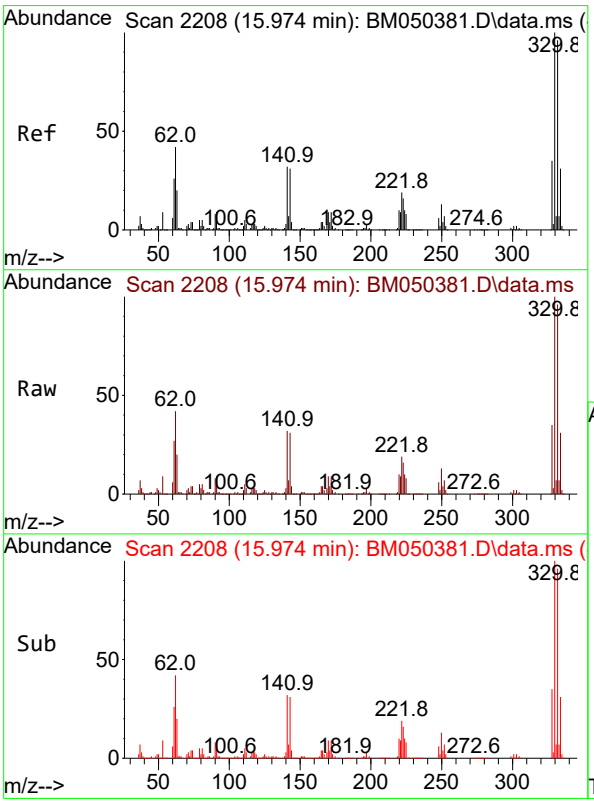
#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 765708

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.0	0.0	33.0

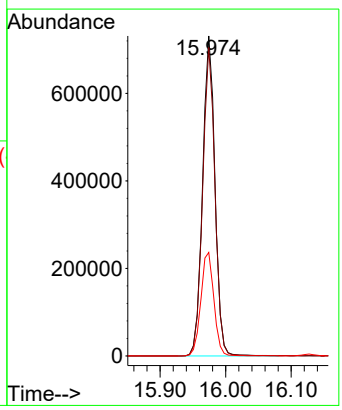


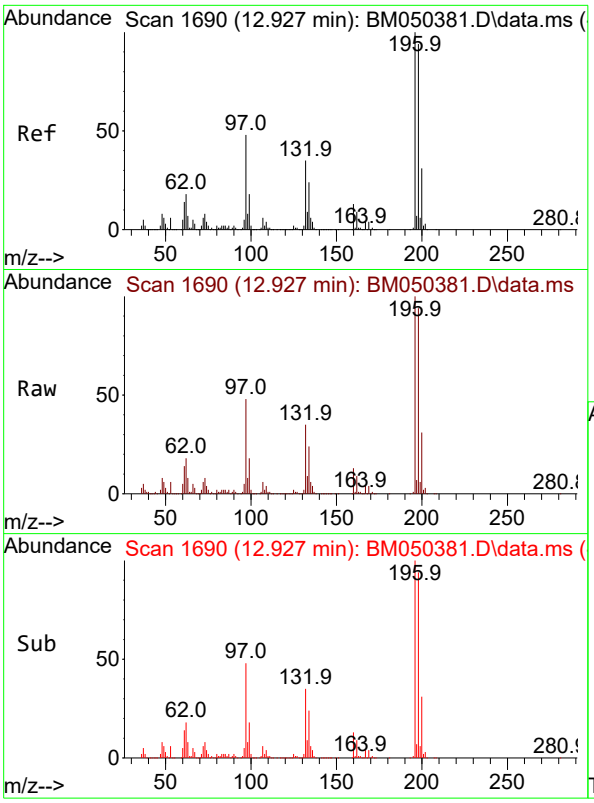


#42
2,4,6-Tribromophenol
Concen: 81.797 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:330 Resp: 961125

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	34.2	27.4	41.0



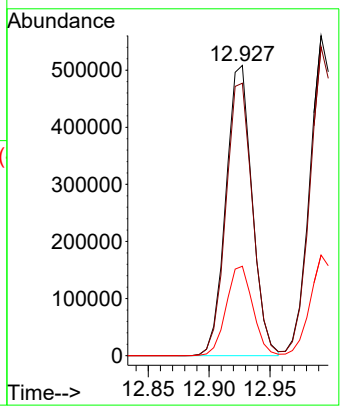


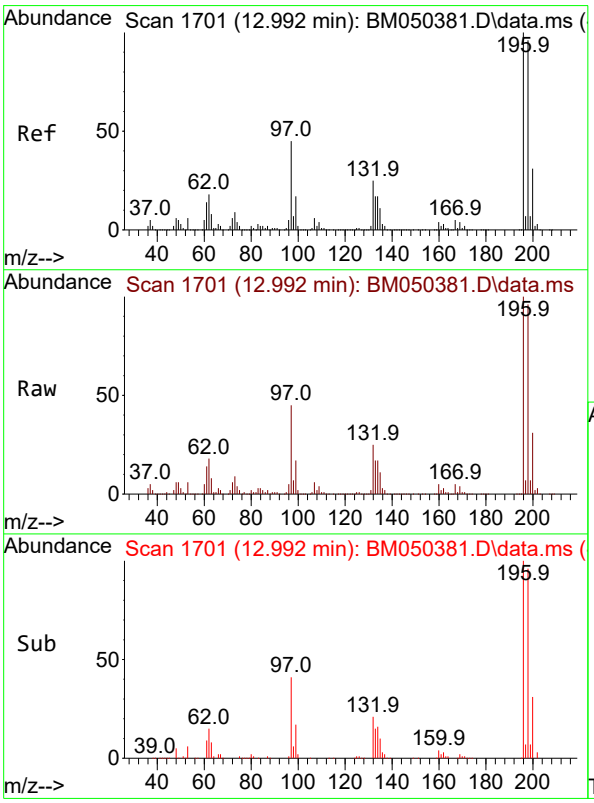
#43
2,4,6-Trichlorophenol
Concen: 40.252 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 761982

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.1	112.7
200	30.8	24.6	37.0

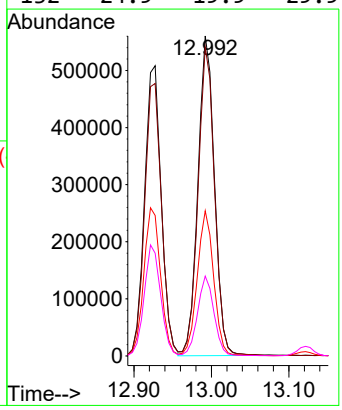


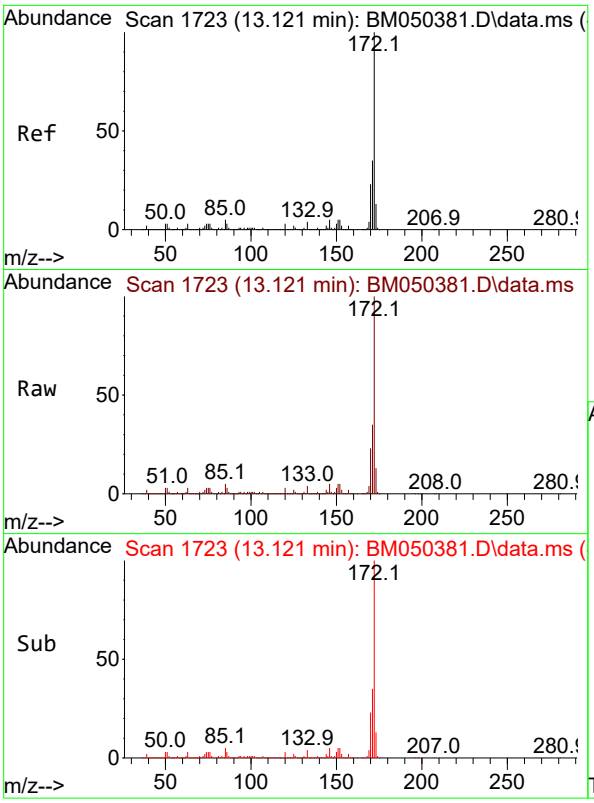


#44
2,4,5-Trichlorophenol
Concen: 40.202 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:196 Resp: 831142

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	45.3	36.2	54.4
132	24.9	19.9	29.9



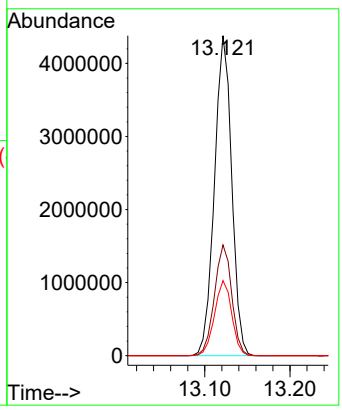


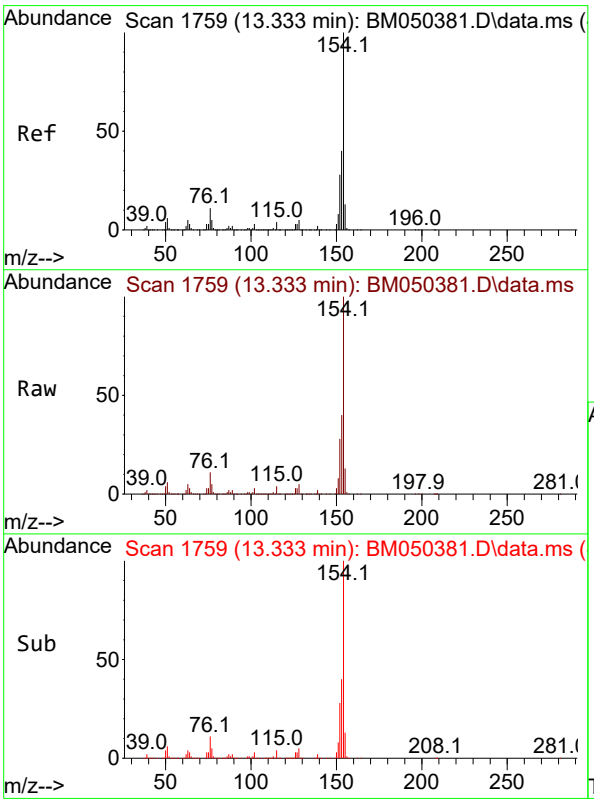
#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 6157884

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.5	18.8	28.2

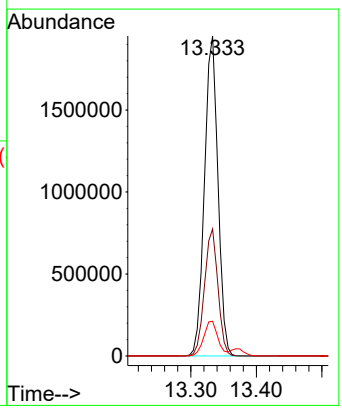


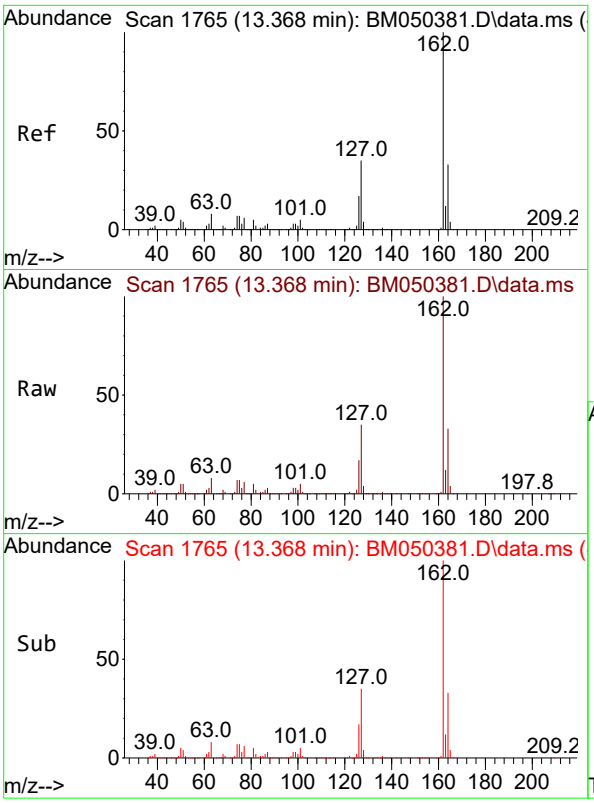


#46
1,1'-Biphenyl
Concen: 38.832 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2786215

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	10.9	0.0	30.9



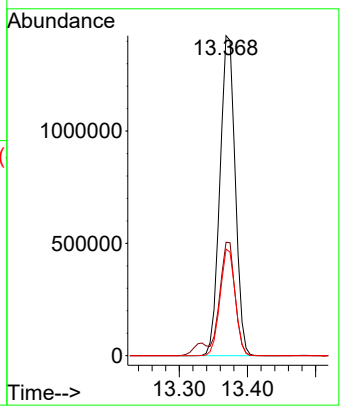


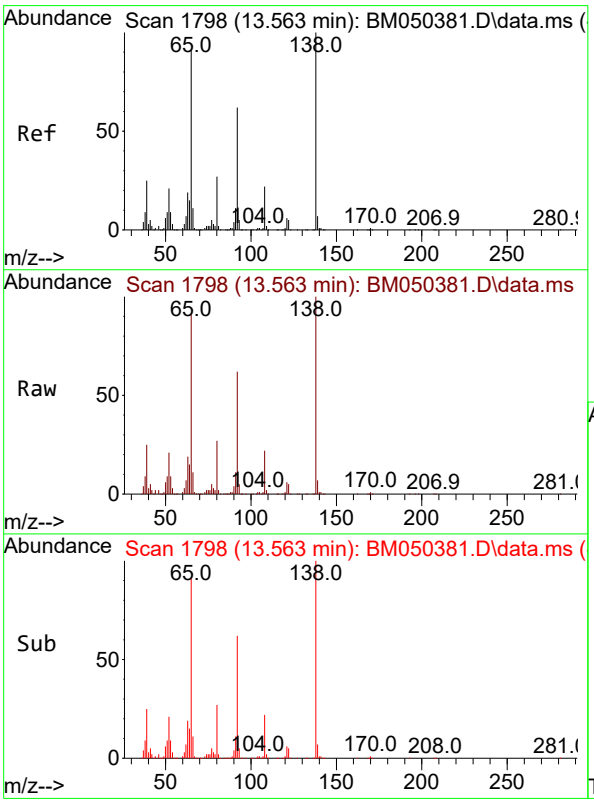
#47
2-Chloronaphthalene
Concen: 38.889 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2224727

Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.3	42.5
164	33.3	26.6	40.0

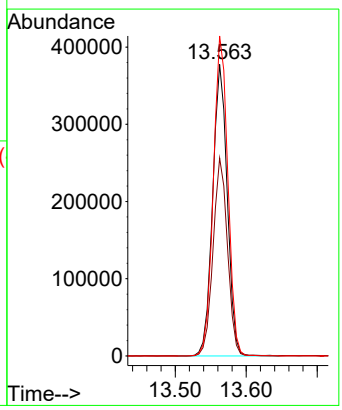


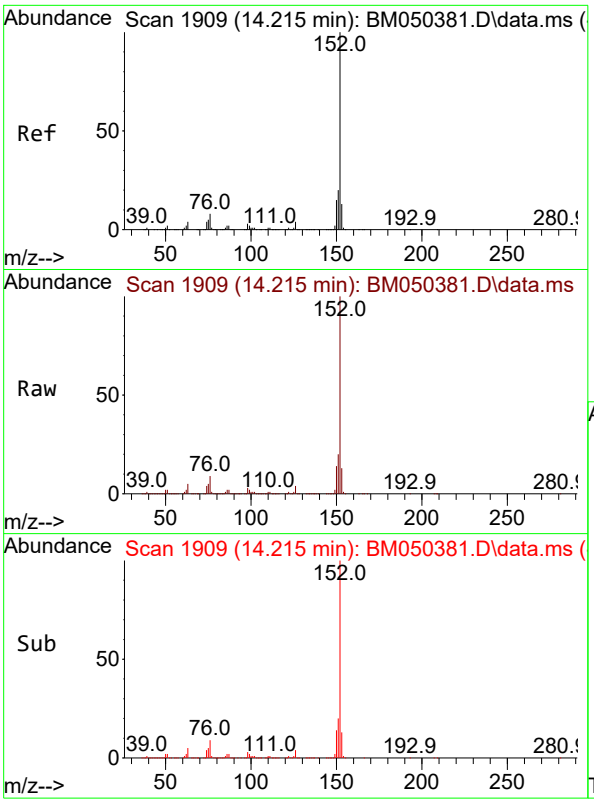


#48
2-Nitroaniline
Concen: 42.165 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 65 Resp: 538415

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	109.7	87.8	131.6



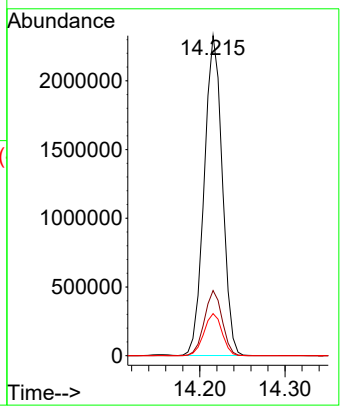


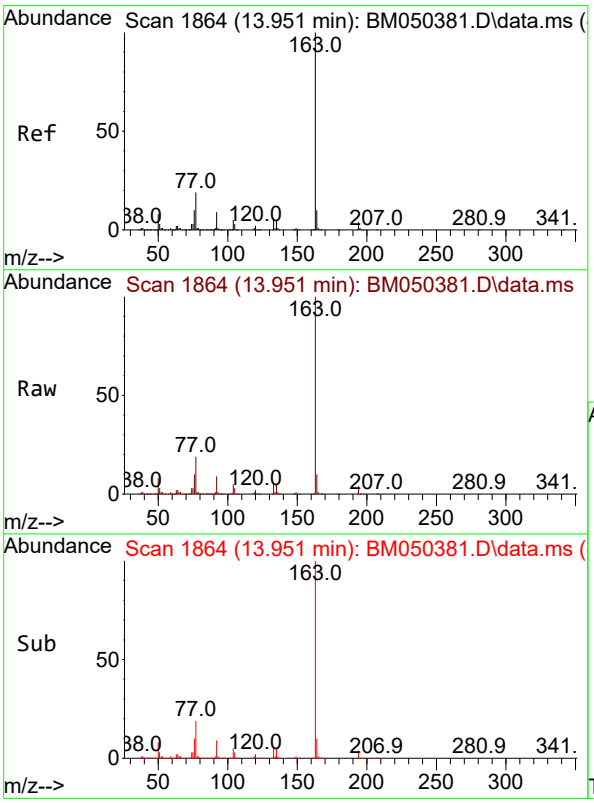
#49
Acenaphthylene
Concen: 39.714 ng
RT: 14.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3433586

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.6	15.8

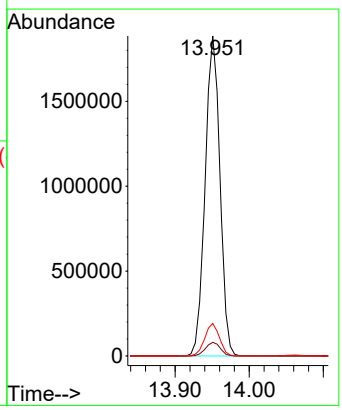


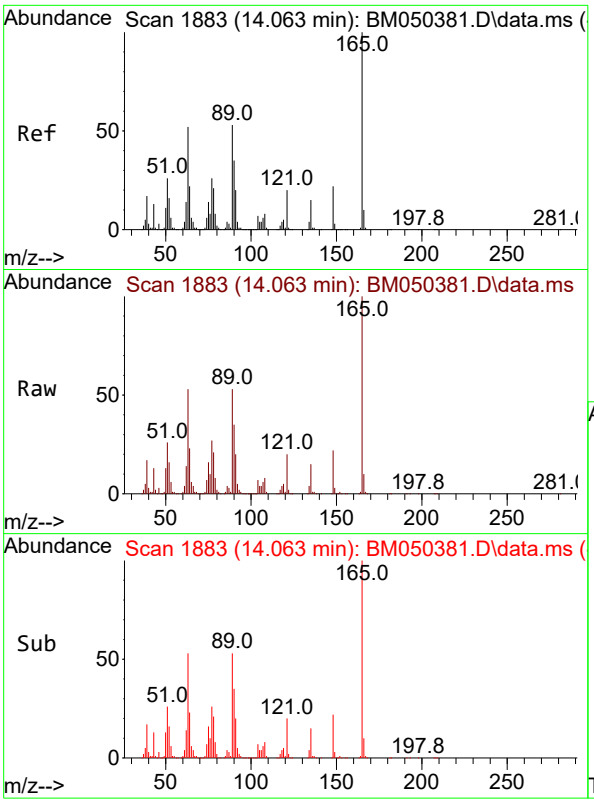


#50
Dimethylphthalate
Concen: 39.248 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:163 Resp: 2613190

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2



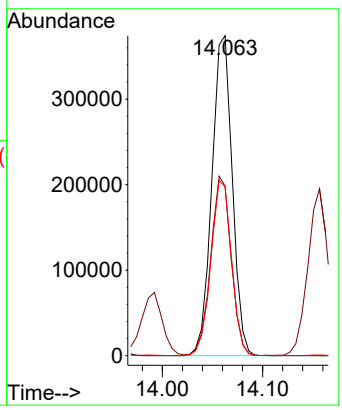


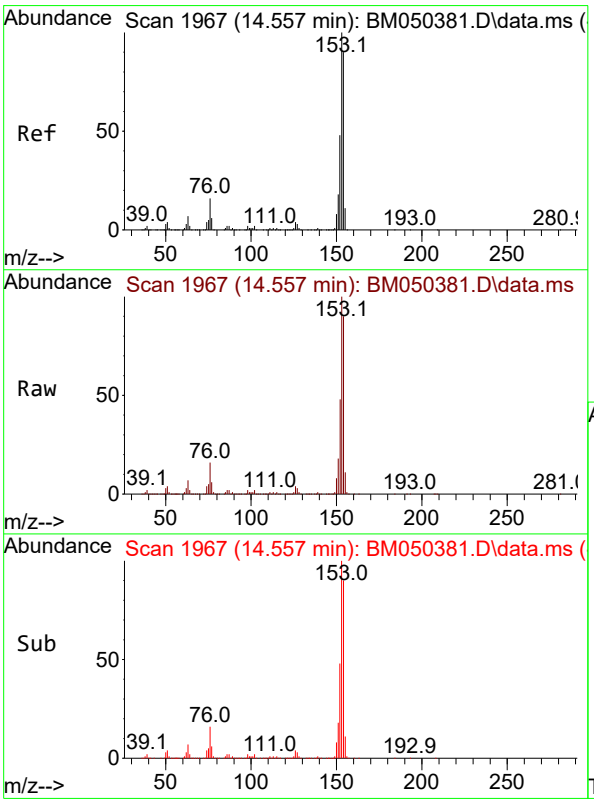
#51
2,6-Dinitrotoluene
Concen: 41.362 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 528767

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.7	42.2	63.2

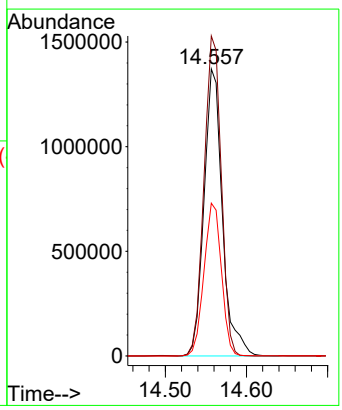


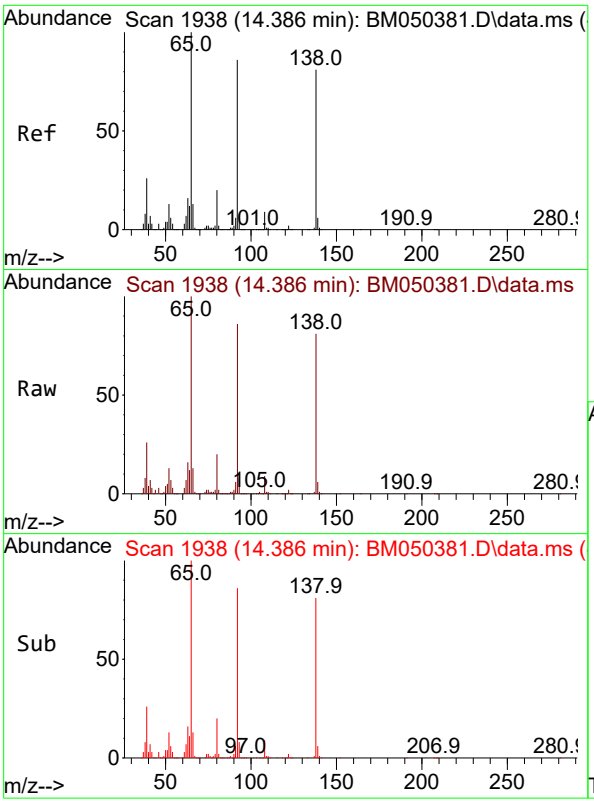


#52
Acenaphthene
Concen: 39.080 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2148079

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	53.3	42.6	64.0



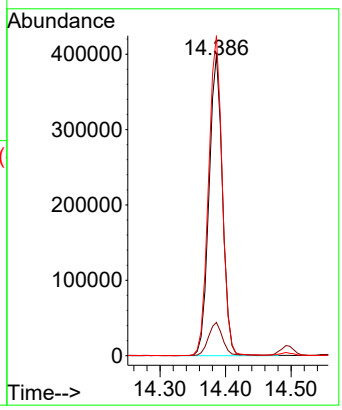


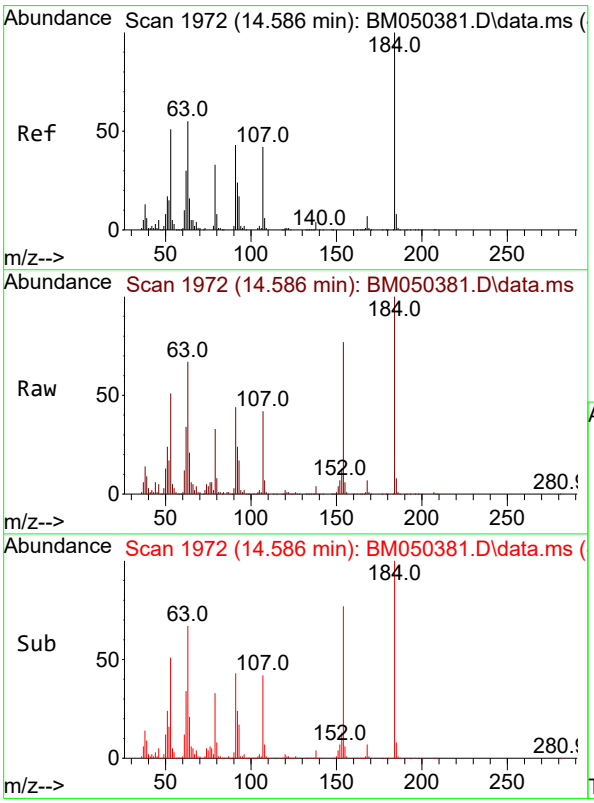
#53
3-Nitroaniline
Concen: 41.832 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 568716

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	106.3	85.0	127.6

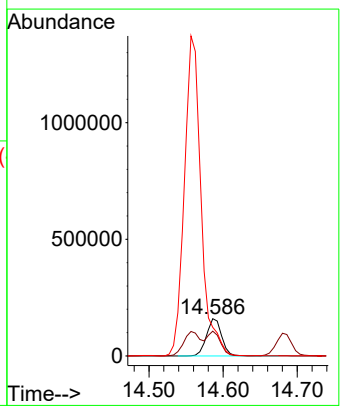


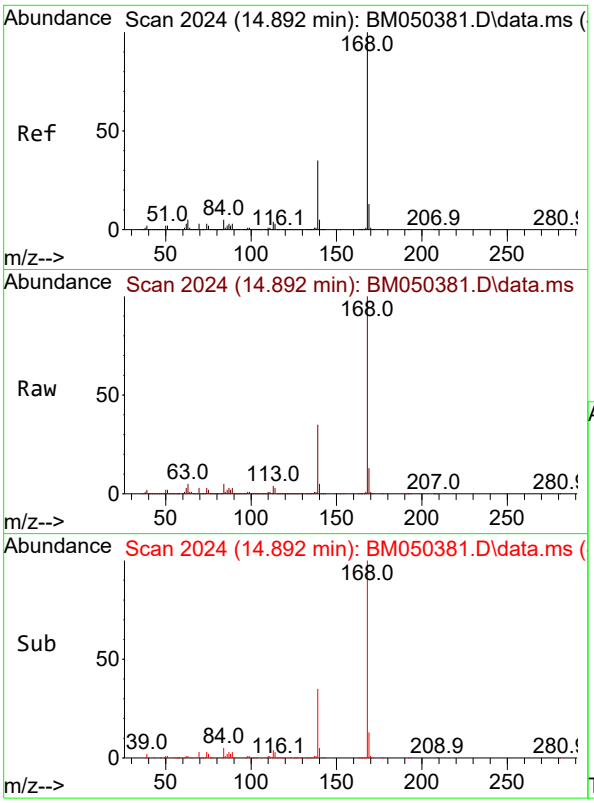


#54
2,4-Dinitrophenol
Concen: 35.873 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:184 Resp: 225952

Ion	Ratio	Lower	Upper
184	100		
63	66.7	53.4	80.0
154	77.0	61.6	92.4



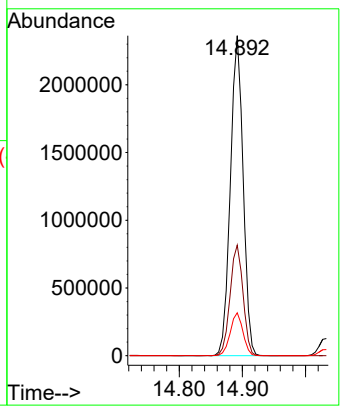


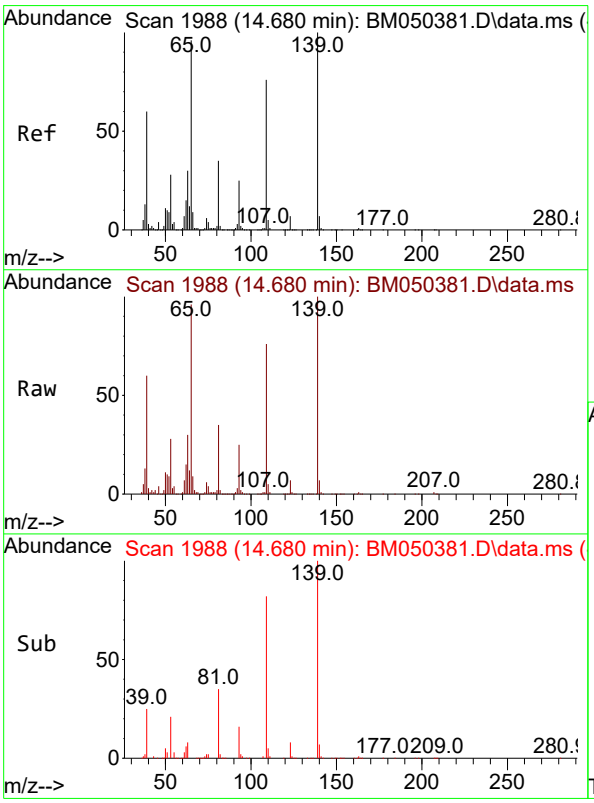
#55
Dibenzofuran
Concen: 39.024 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3305040

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.4	10.7	16.1

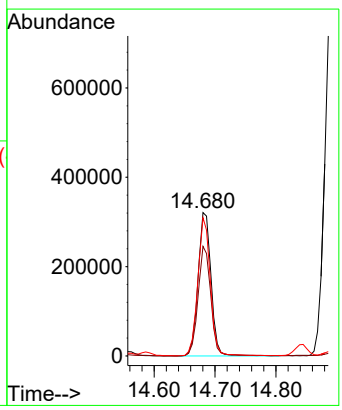


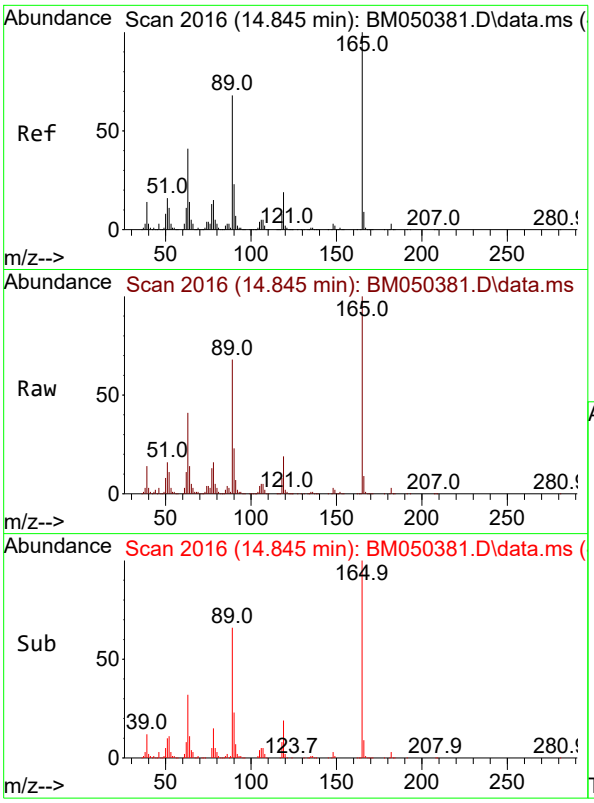


#56
4-Nitrophenol
Concen: 40.504 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 473550

Ion	Ratio	Lower	Upper
139	100		
109	76.5	56.5	96.5
65	96.4	76.4	116.4



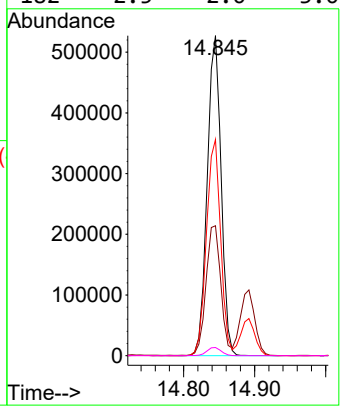


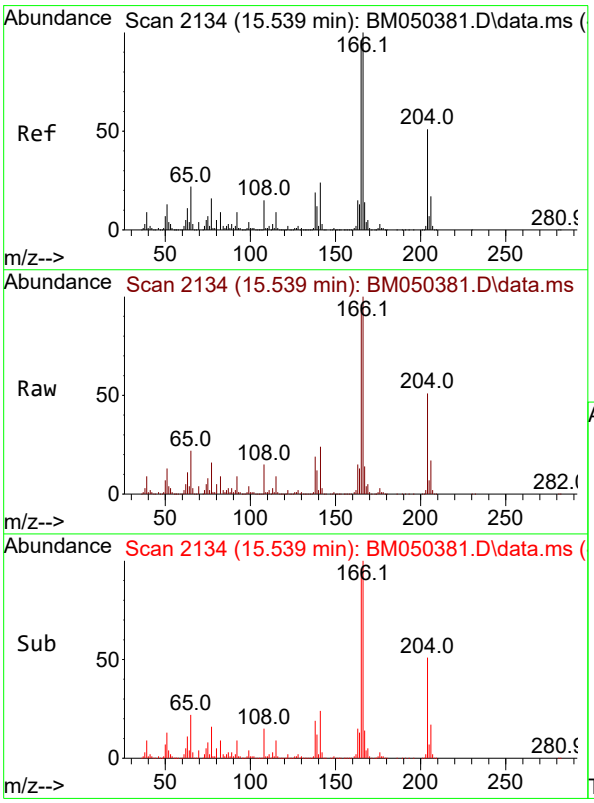
#57
2,4-Dinitrotoluene
Concen: 38.104 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 717807

Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	67.5	54.0	81.0
182	2.5	2.0	3.0

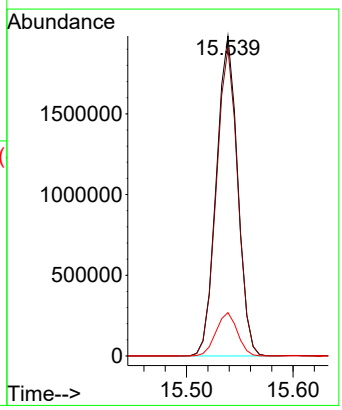


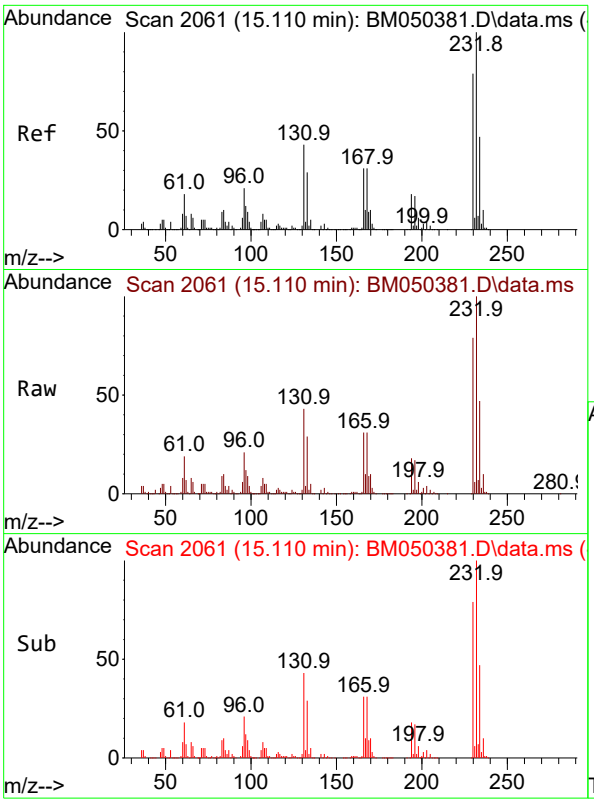


#58
Fluorene
Concen: 39.349 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:166 Resp: 2744882

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.6
167	13.6	10.9	16.3



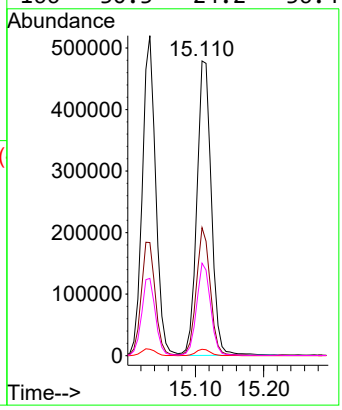


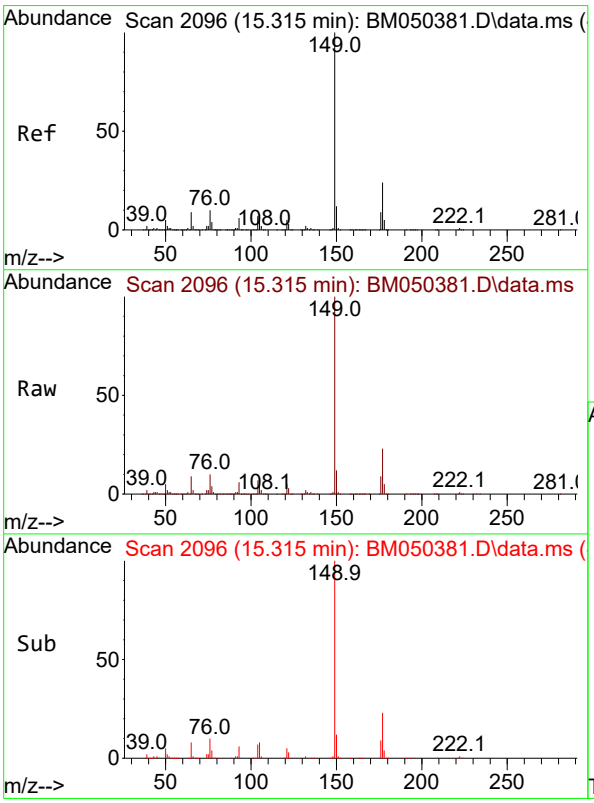
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.512 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 705044

Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.4	50.0
130	2.2	1.8	2.6
166	30.3	24.2	36.4

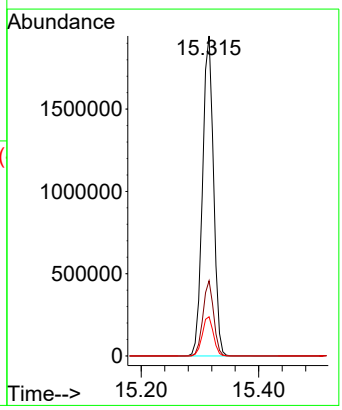


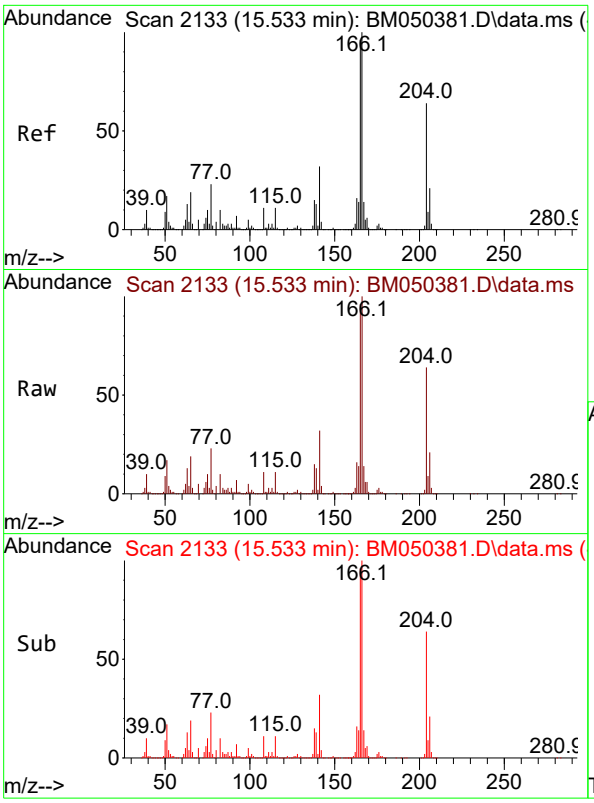


#60
Diethylphthalate
Concen: 39.811 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2532007

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.3	9.8	14.8



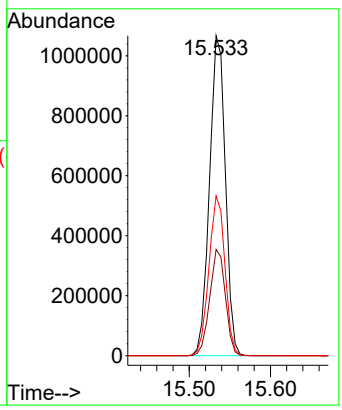


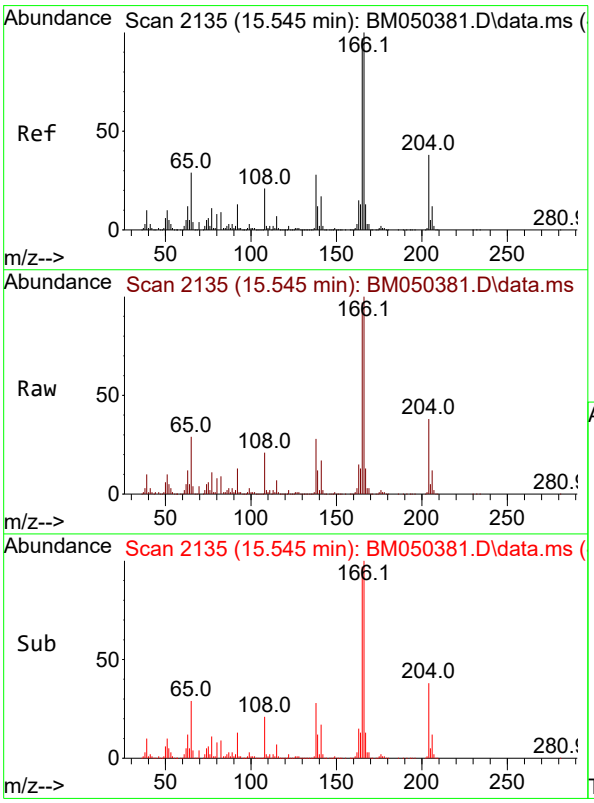
#61
4-Chlorophenyl-phenylether
Concen: 39.586 ng
RT: 15.533 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1443937

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.9	39.9	59.9

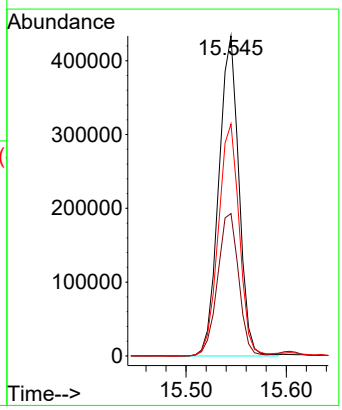


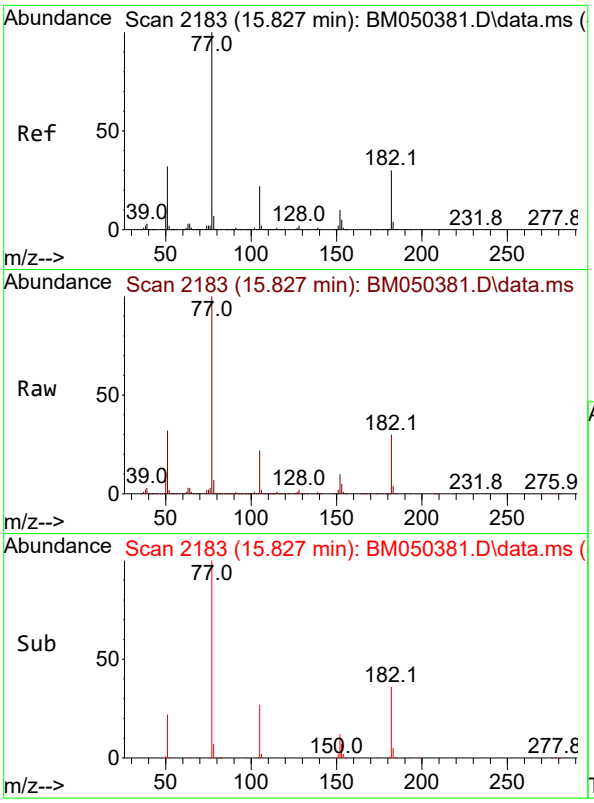


#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:138 Resp: 602257

Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.5	64.5
108	72.5	52.5	92.5



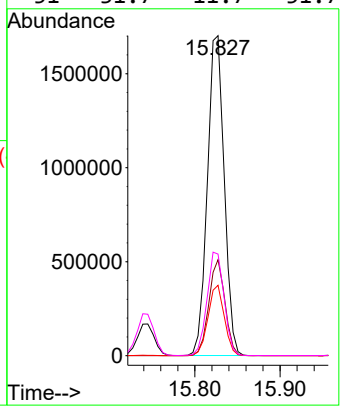


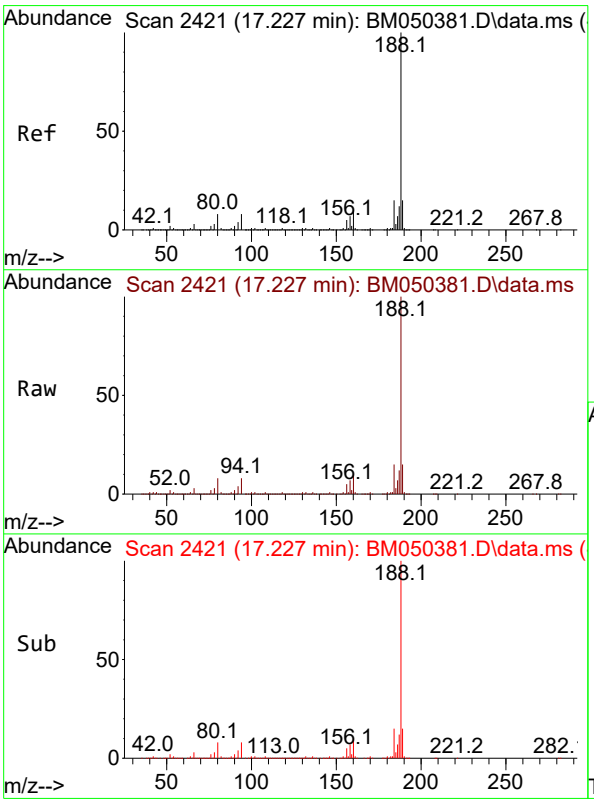
#63
Azobenzene
Concen: 40.021 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2337291

Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.0	50.0
105	22.0	2.0	42.0
51	31.7	11.7	51.7

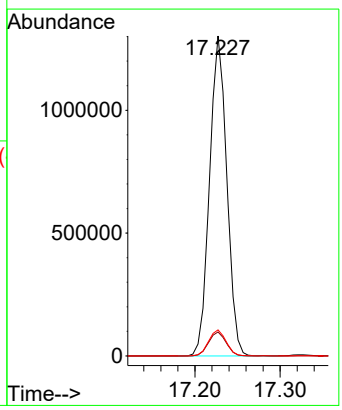


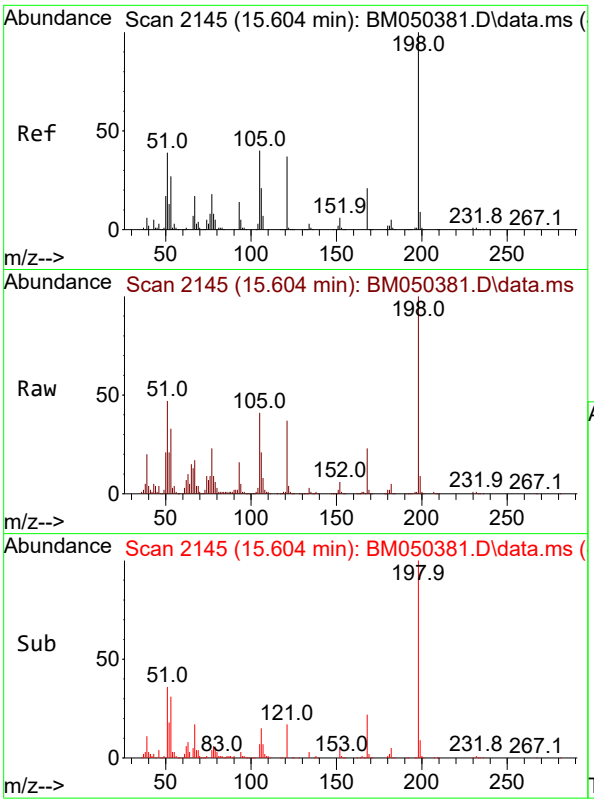


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:188 Resp: 1834050

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



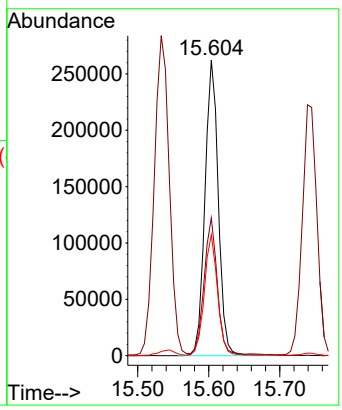


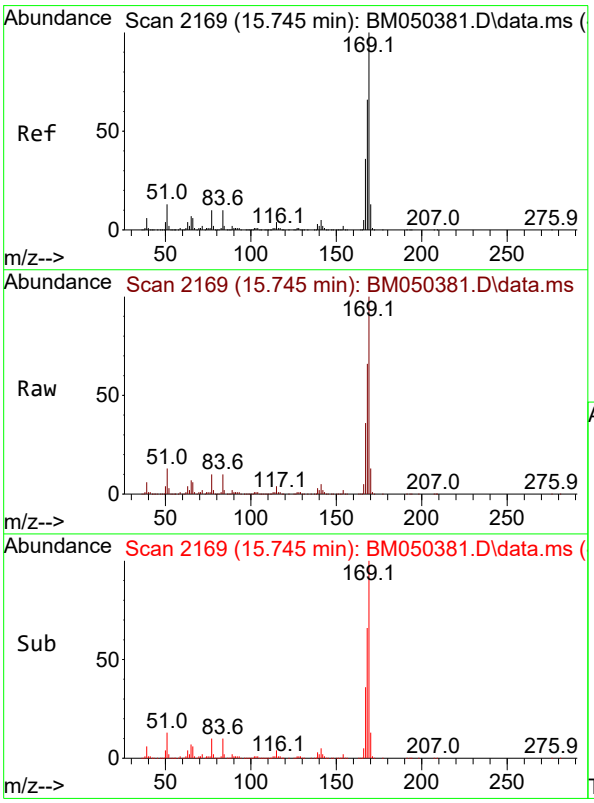
#65
4,6-Dinitro-2-methylphenol
Concen: 36.538 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 343246

Ion	Ratio	Lower	Upper
198	100		
51	46.6	26.6	66.6
105	40.9	20.9	60.9

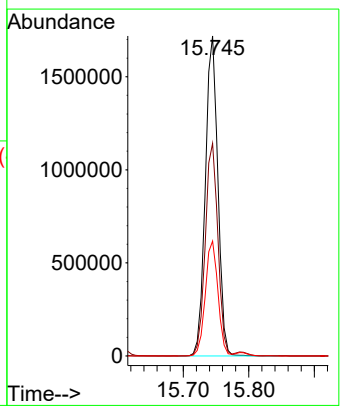


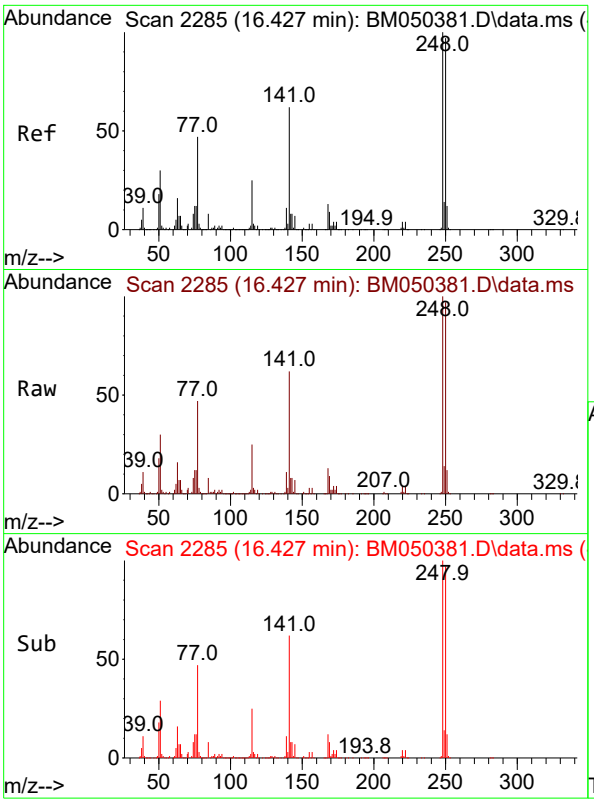


#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:169 Resp: 2284645

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1



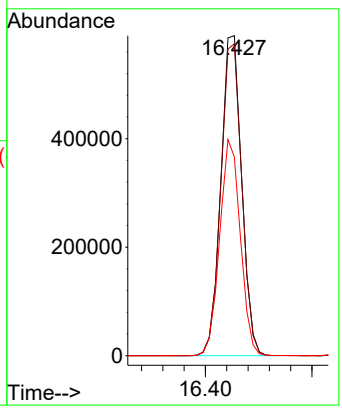


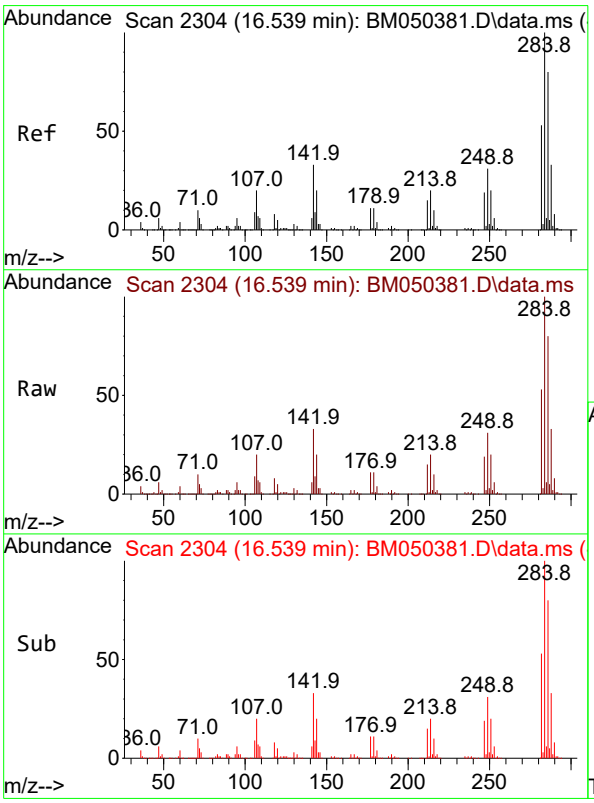
#67
4-Bromophenyl-phenylether
Concen: 39.504 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 798257

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	62.1	49.7	74.5

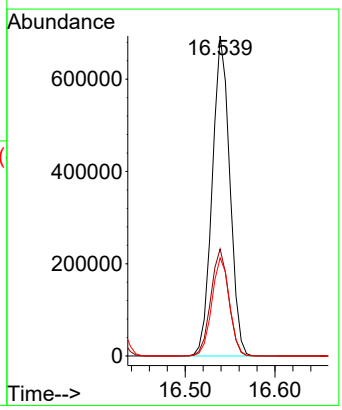


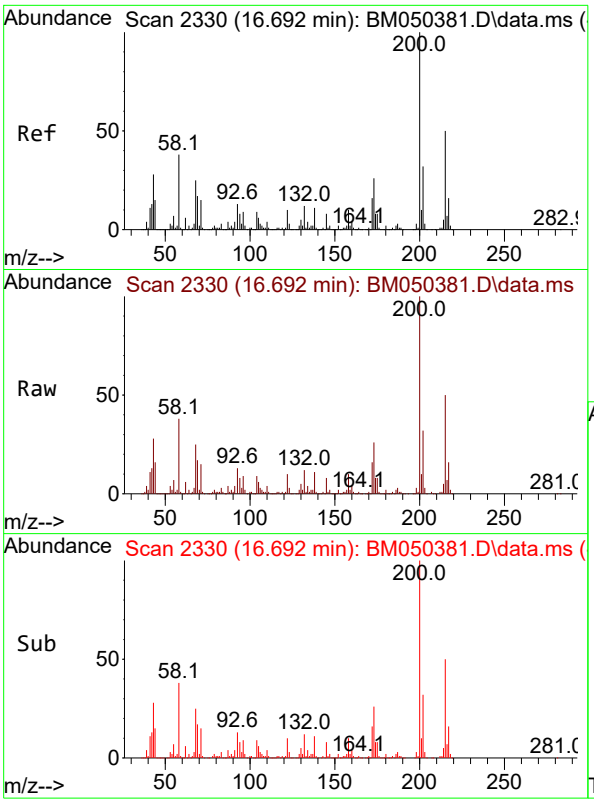


#68
Hexachlorobenzene
Concen: 39.414 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:284 Resp: 940659

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.8	40.2
249	30.6	24.5	36.7



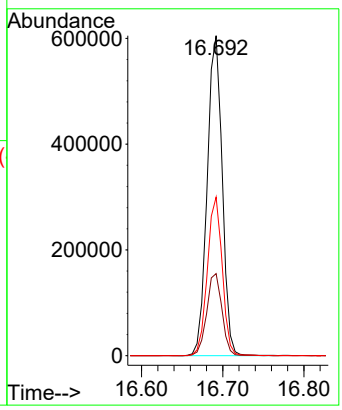


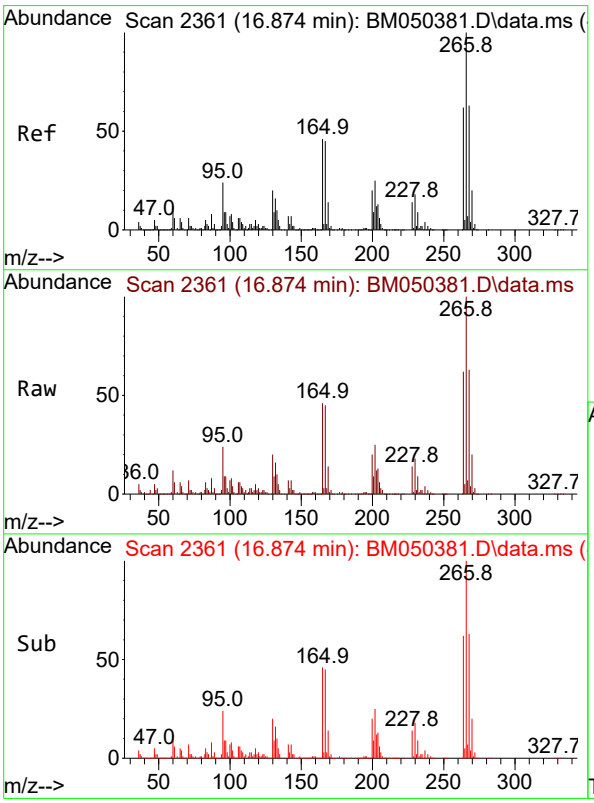
#69
Atrazine
Concen: 41.139 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 775270

Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.6	45.6
215	49.6	29.6	69.6

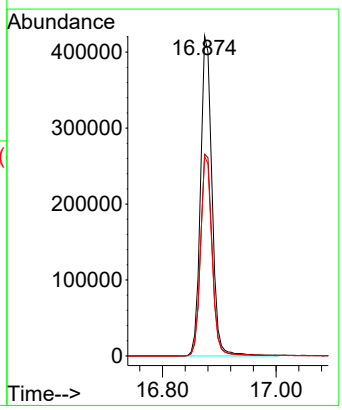


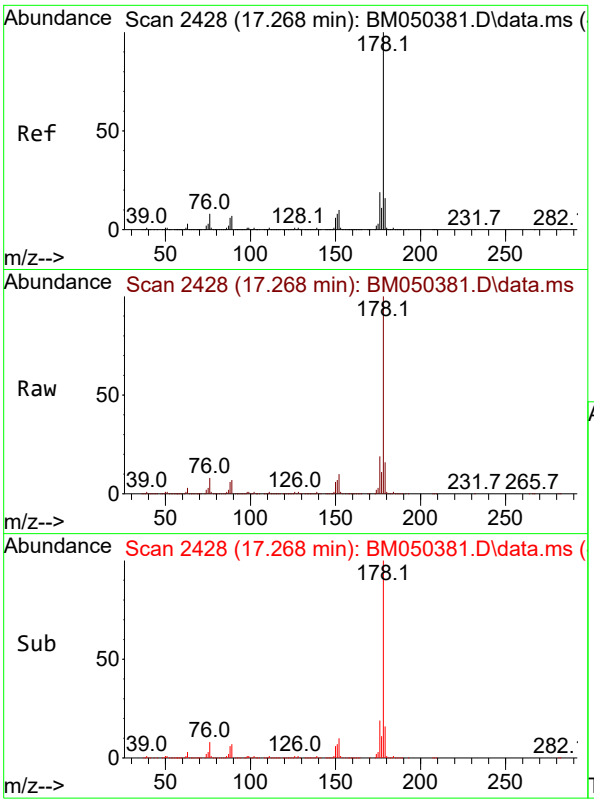


#70
Pentachlorophenol
Concen: 39.717 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:266 Resp: 590077

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	62.4	49.9	74.9



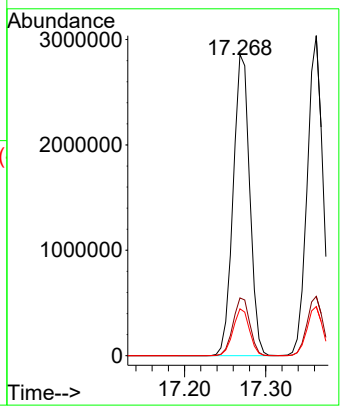


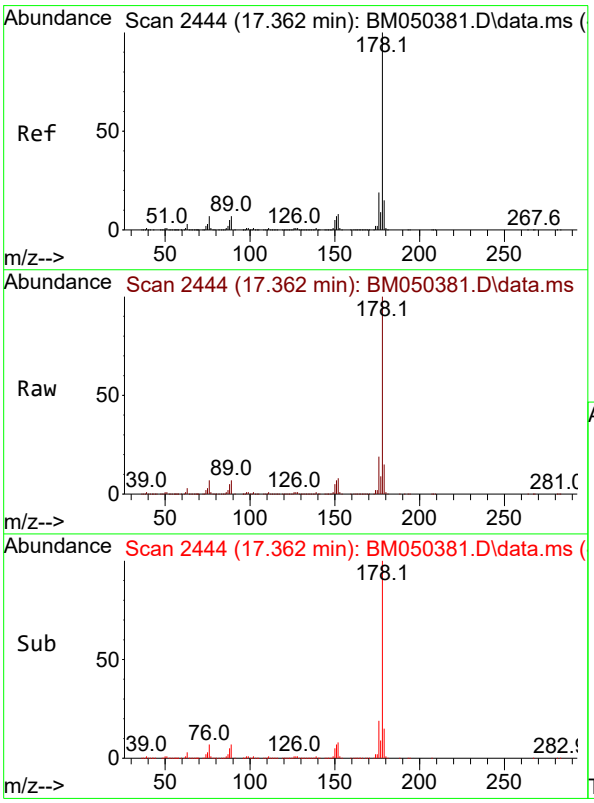
#71
Phenanthrene
Concen: 38.923 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 4039451

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

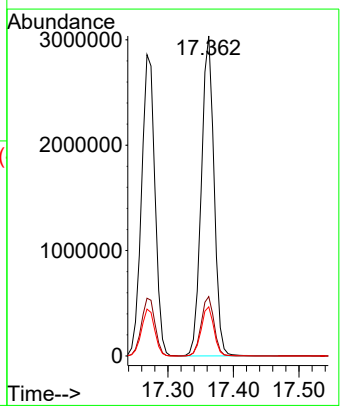


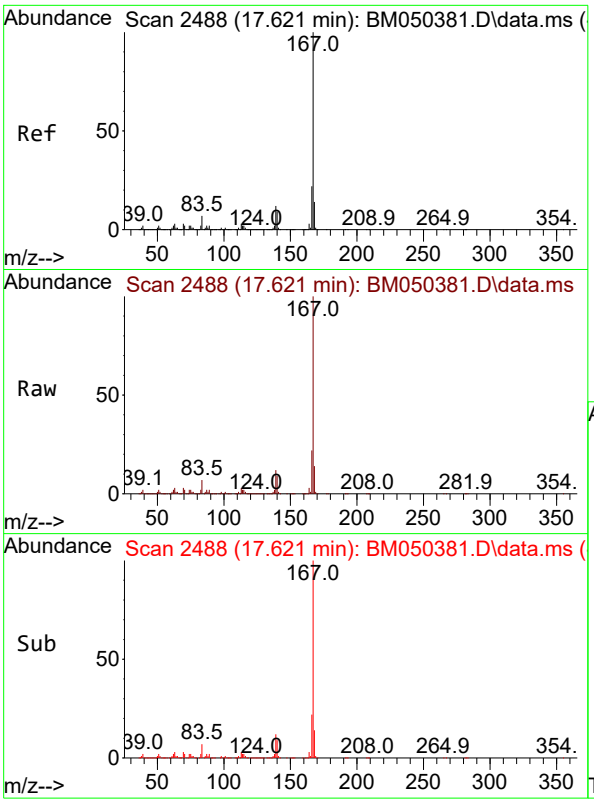


#72
Anthracene
Concen: 39.646 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:178 Resp: 4095570

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4



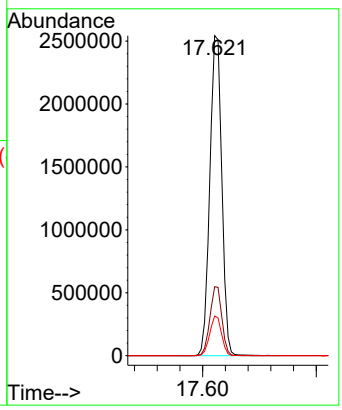


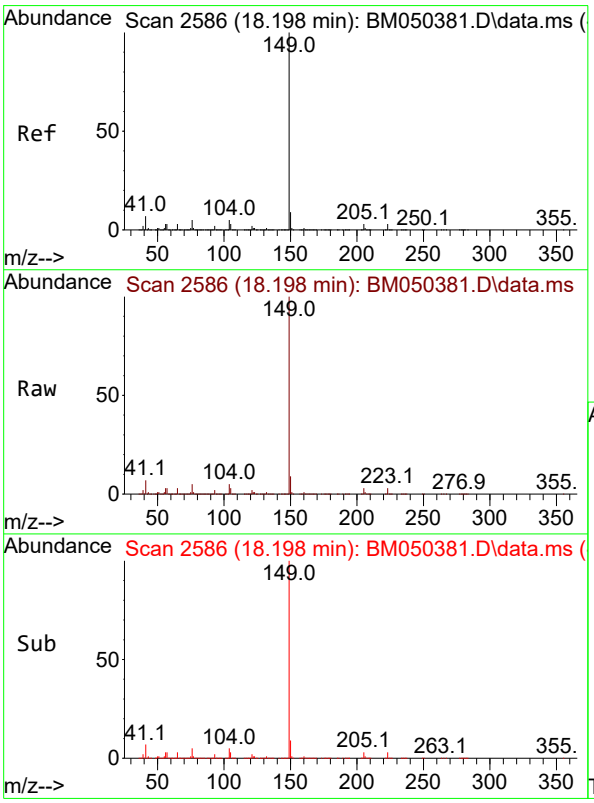
#73
Carbazole
Concen: 39.632 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 3704436

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	9.9	14.9

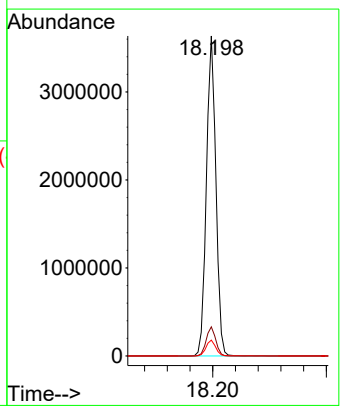


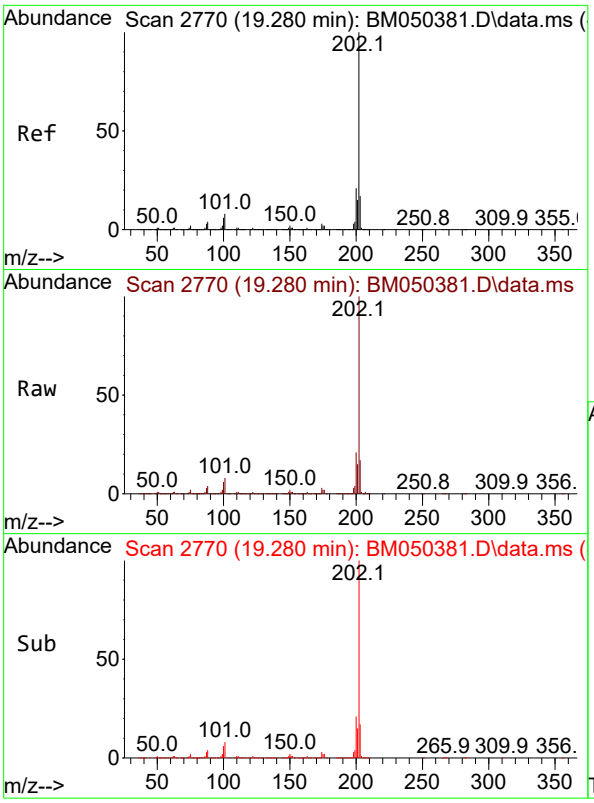


#74
Di-n-butylphthalate
Concen: 40.890 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 4183360

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



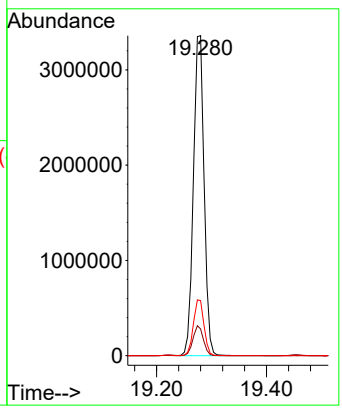


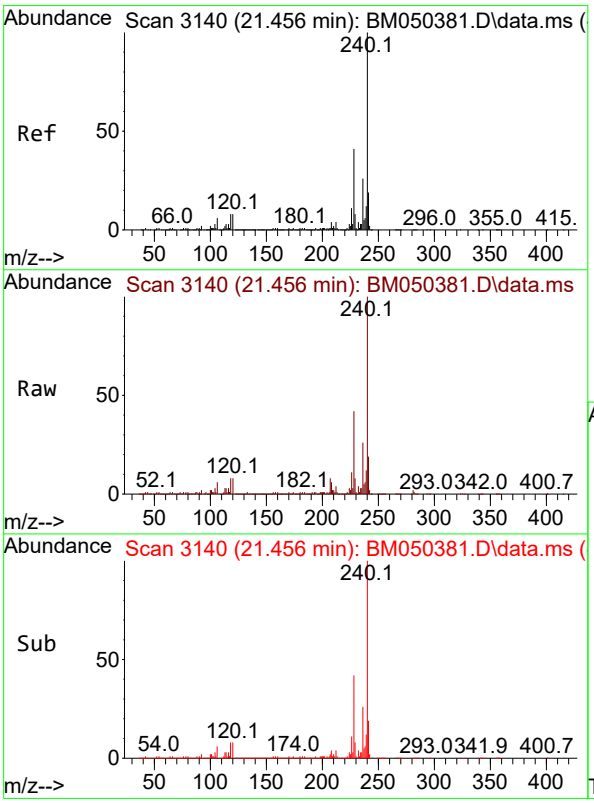
#75
Fluoranthene
Concen: 40.085 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 4522403

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.2	0.0	37.2

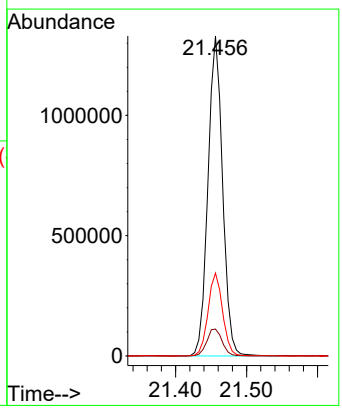


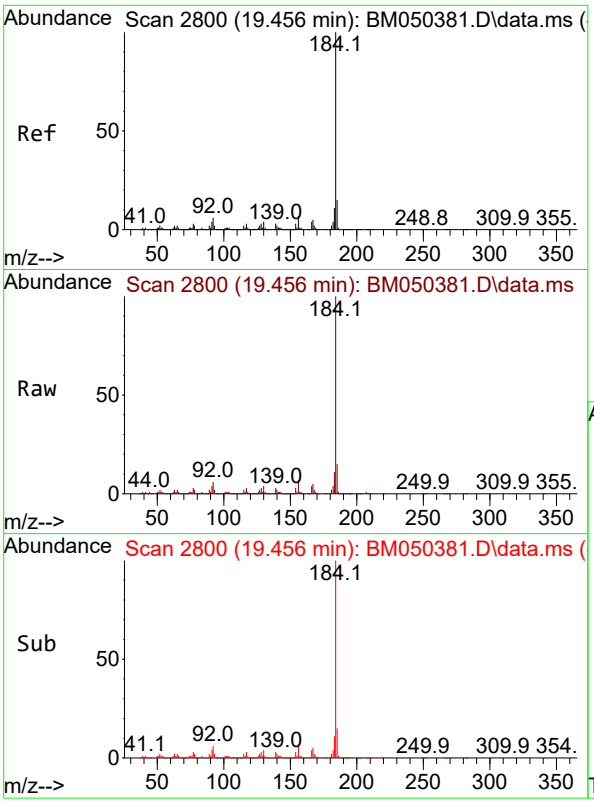


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:240 Resp: 1904004

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.9	20.7	31.1



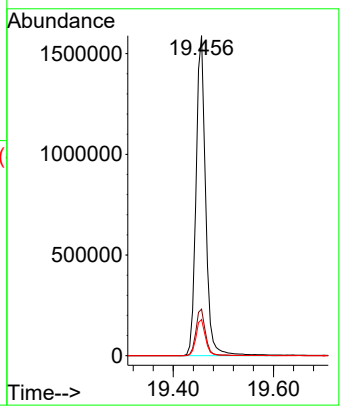


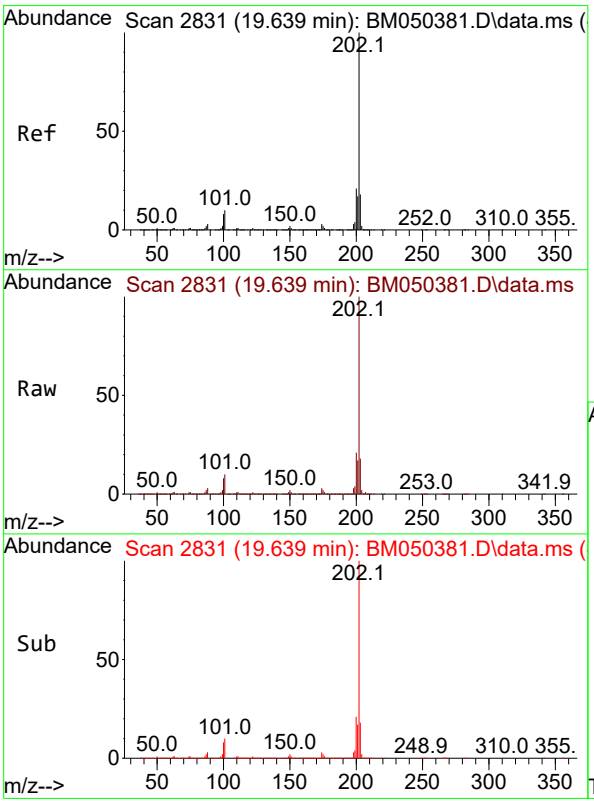
#77
Benzidine
Concen: 43.341 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2104809

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.3	9.0	13.6

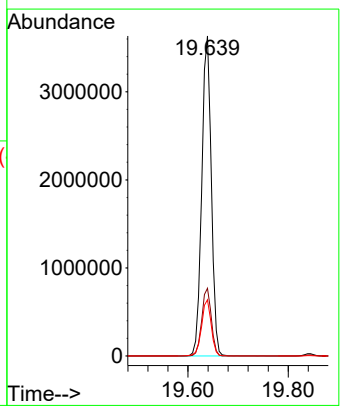


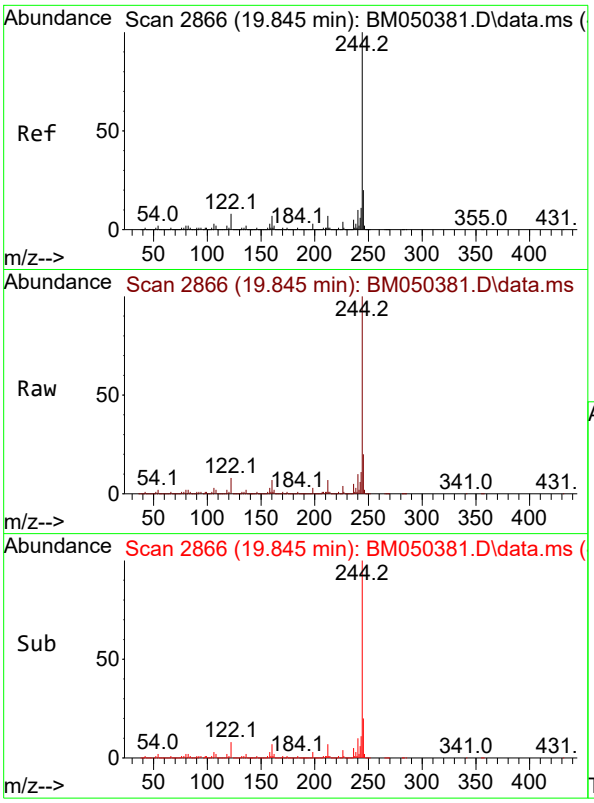


#78
Pyrene
Concen: 39.352 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:202 Resp: 4798678

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.1	21.1



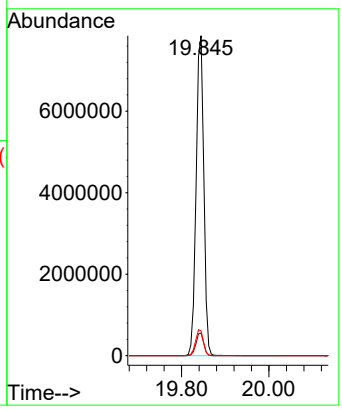


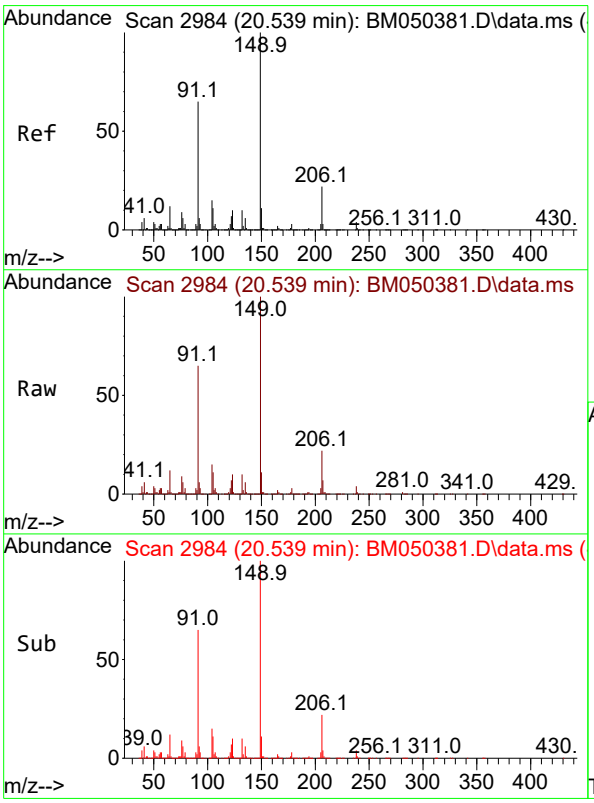
#79
Terphenyl-d14
Concen: 88.568 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 9584372

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.7	6.2	9.2

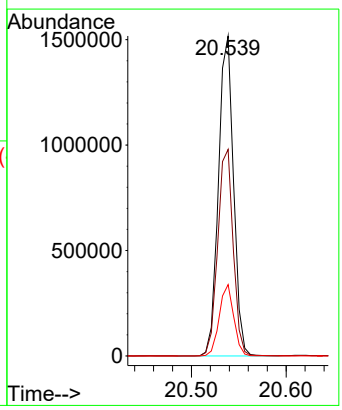


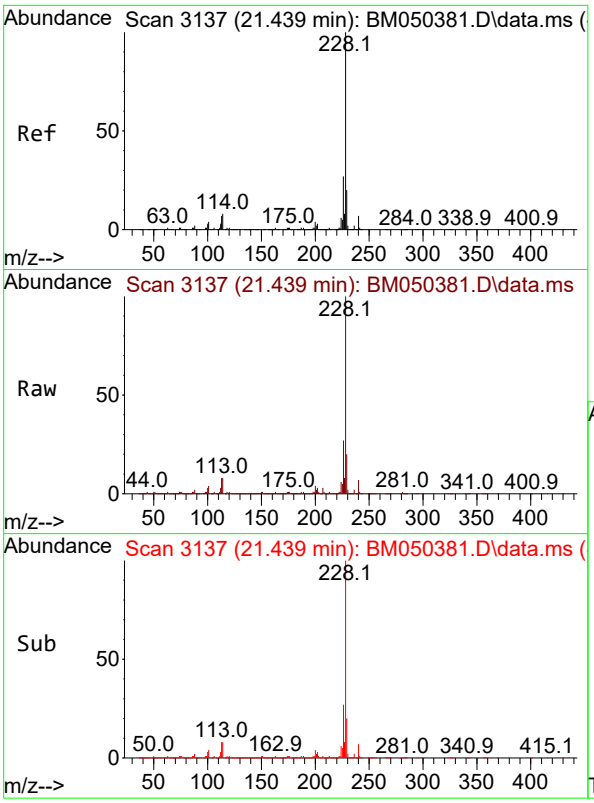


#80
Butylbenzylphthalate
Concen: 41.731 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 1677924

Ion	Ratio	Lower	Upper
149	100		
91	64.5	51.6	77.4
206	22.3	17.8	26.8



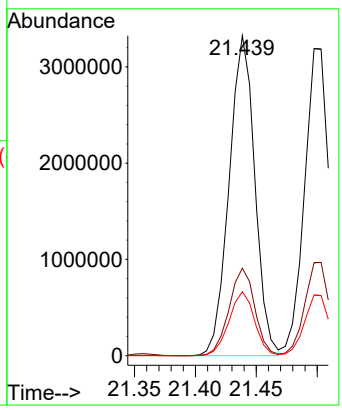


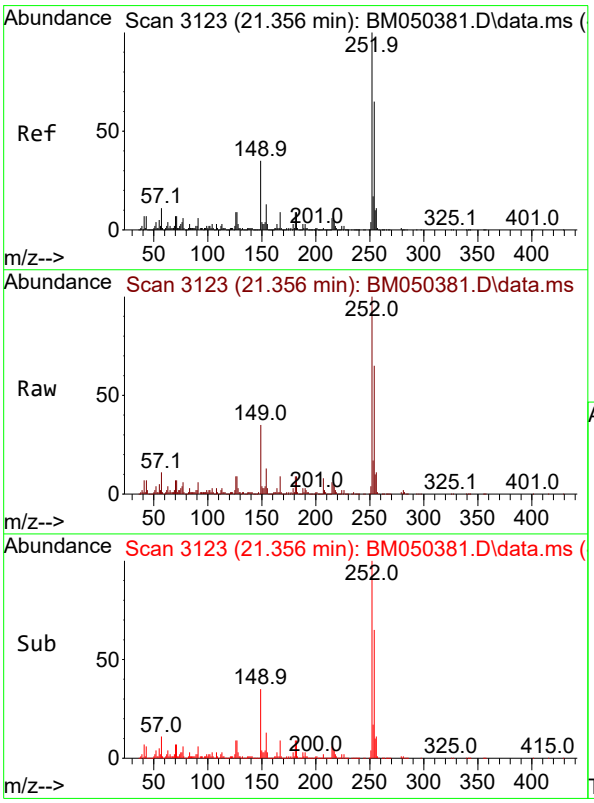
#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4880944

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

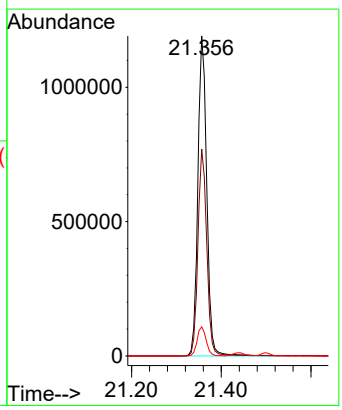


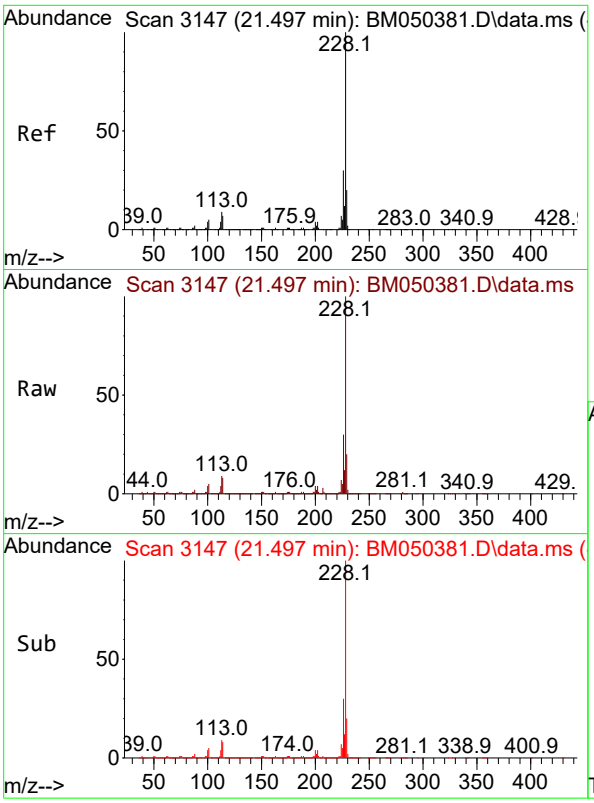


#82
3,3'-Dichlorobenzidine
Concen: 39.036 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 1633134

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	9.1	7.3	10.9



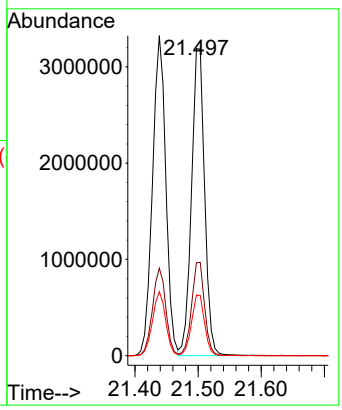


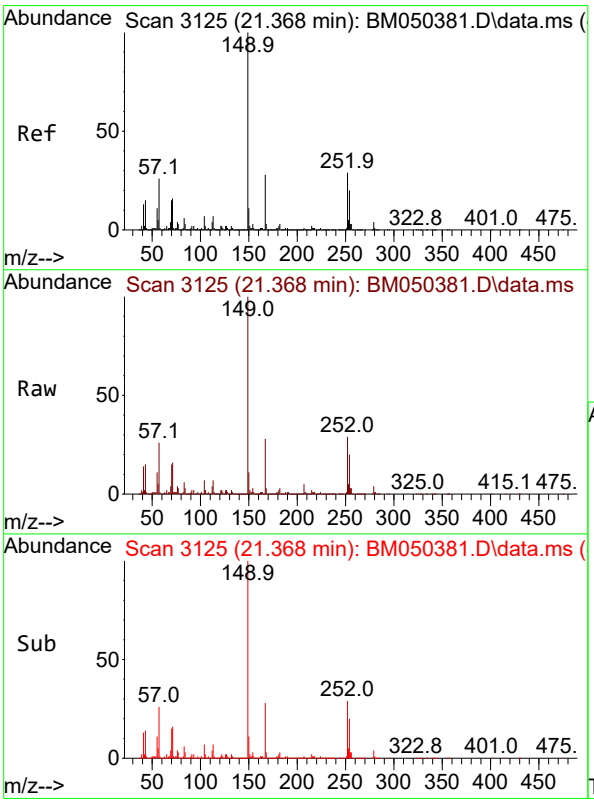
#83
Chrysene
Concen: 39.351 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4604684

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.6

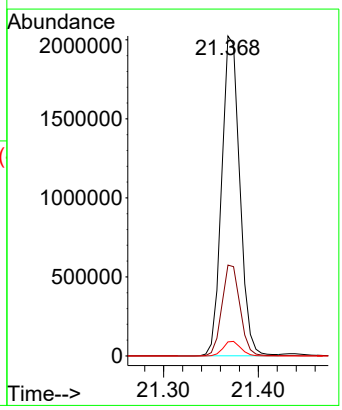


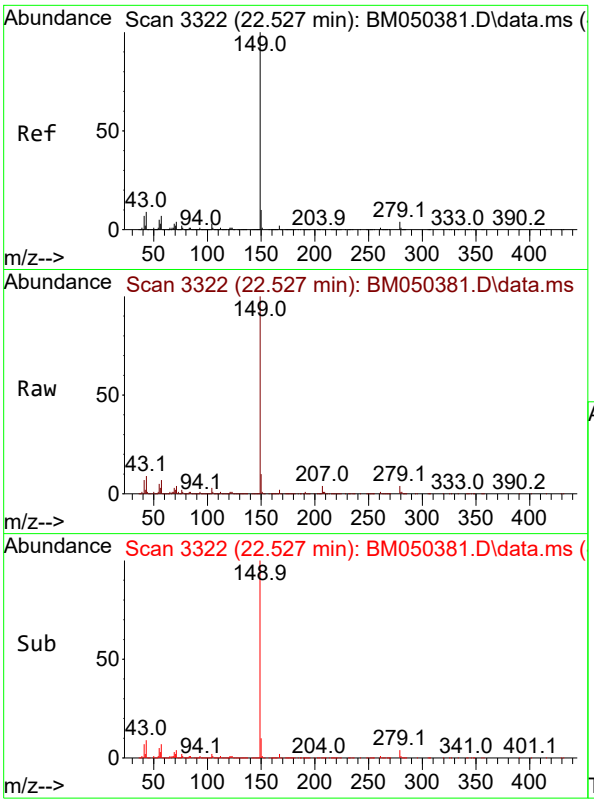


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.076 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2685699

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	4.4	3.5	5.3



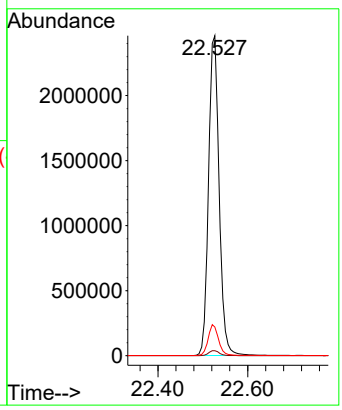


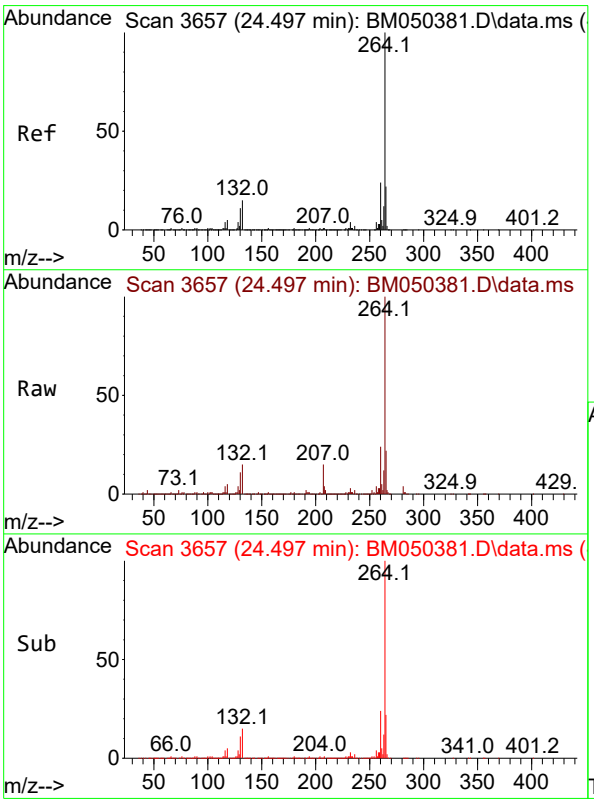
#85
Di-n-octyl phthalate
Concen: 40.294 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4028194

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

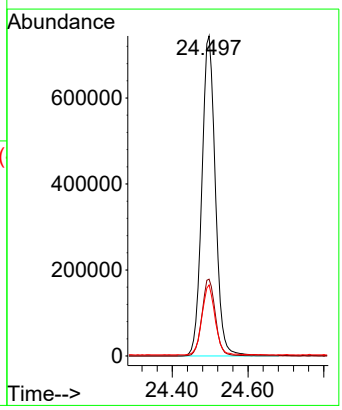


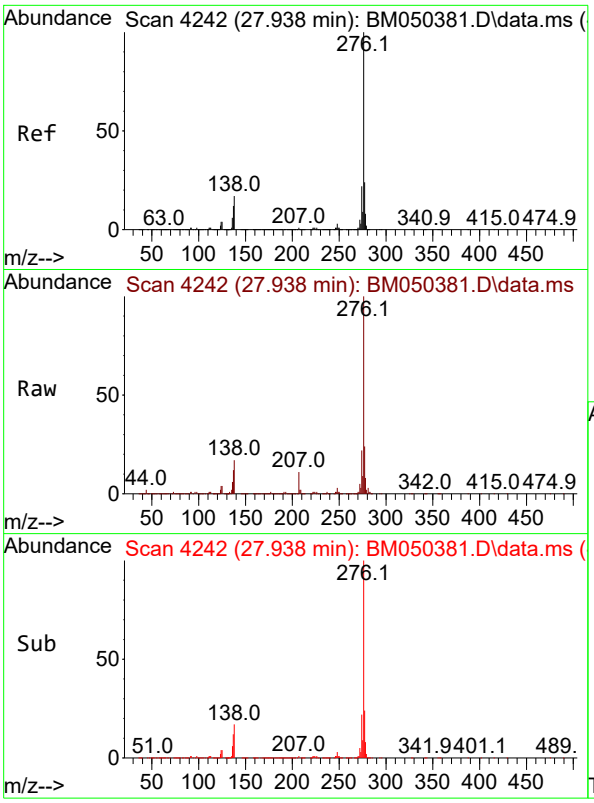


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:264 Resp: 1842285

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6



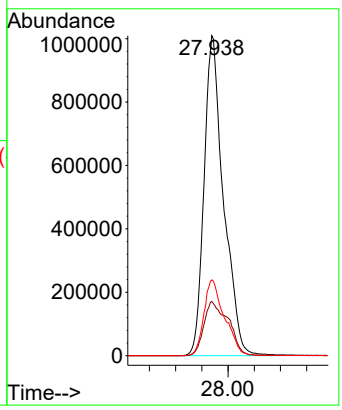


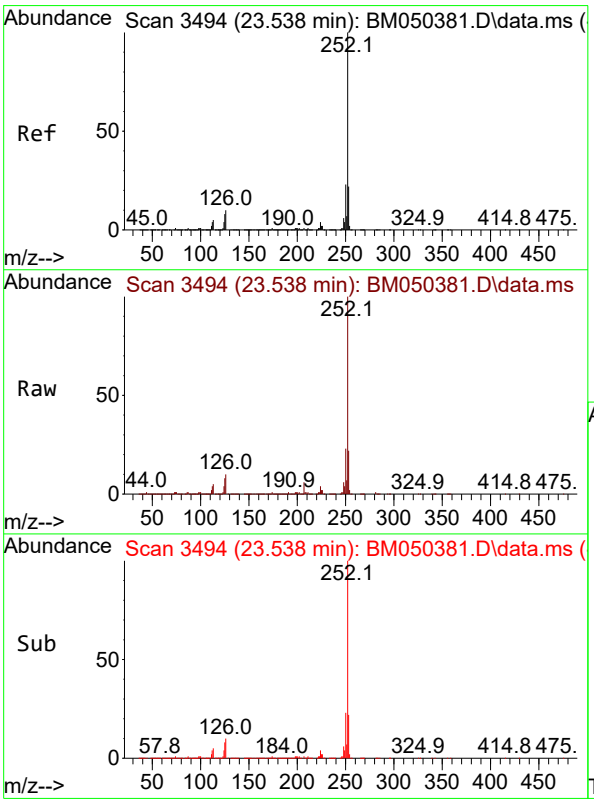
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 5214934

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	25.0	20.0	30.0

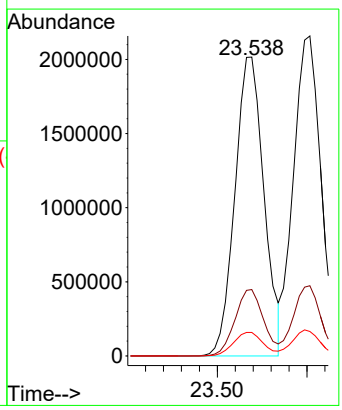


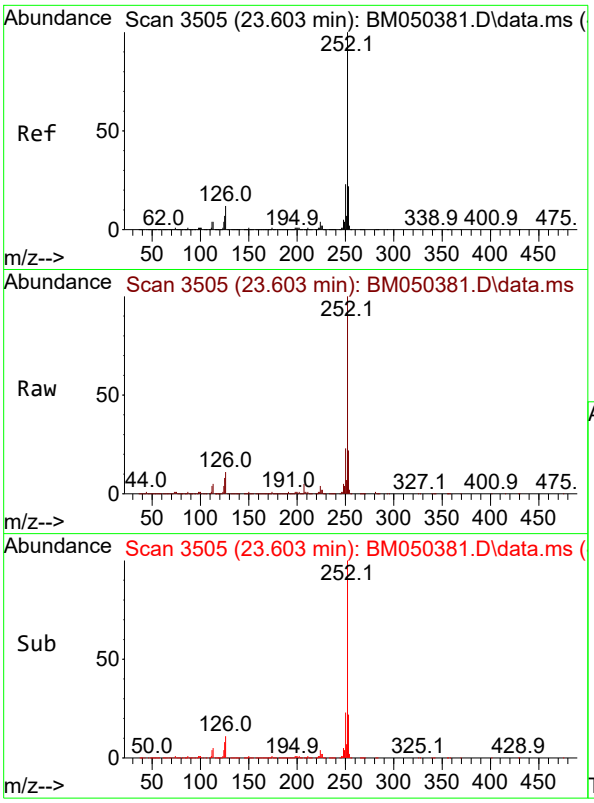


#88
Benzo(b)fluoranthene
Concen: 39.990 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4531635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



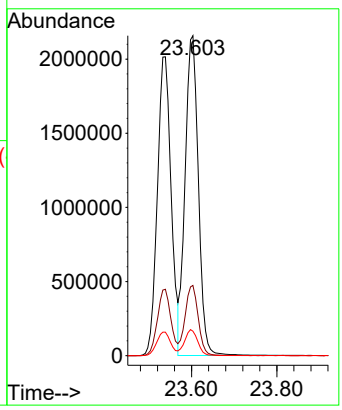


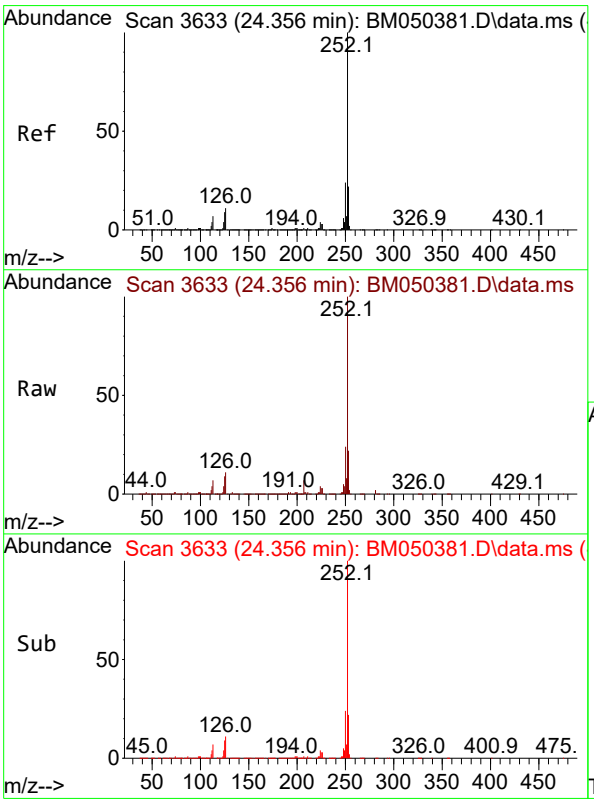
#89
Benzo(k)fluoranthene
Concen: 39.586 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 4654634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.2	9.2

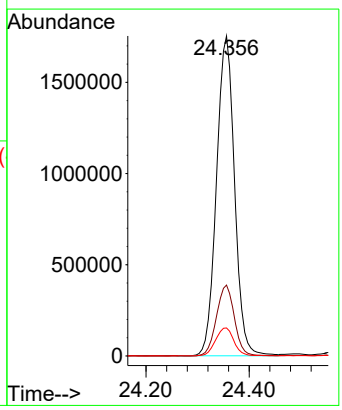


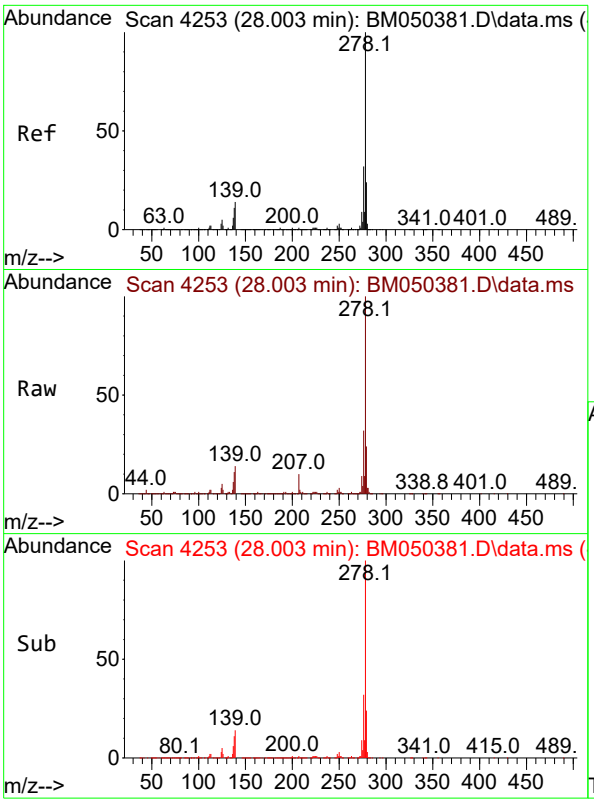


#90
Benzo(a)pyrene
Concen: 40.157 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4259750

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.7	7.0	10.4



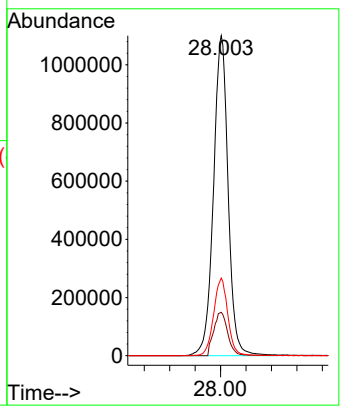


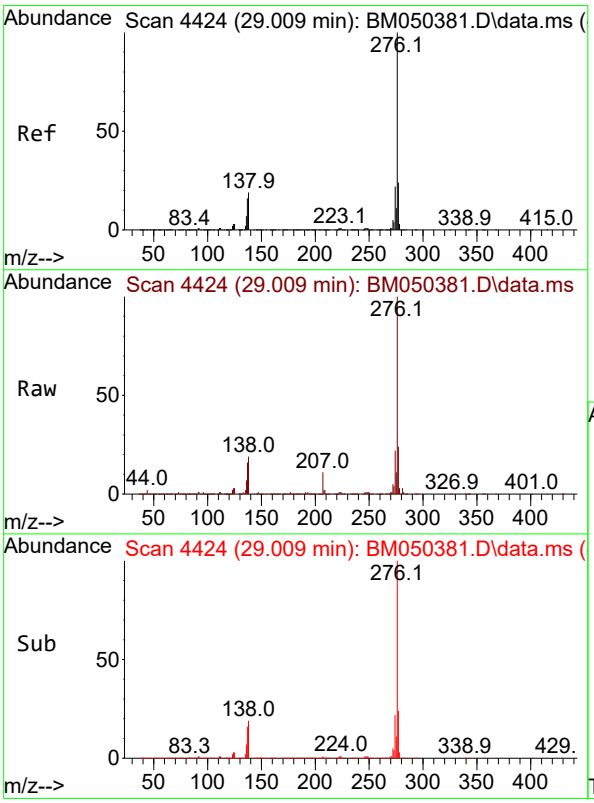
#91
Dibenzo(a,h)anthracene
Concen: 39.857 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 4396741

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

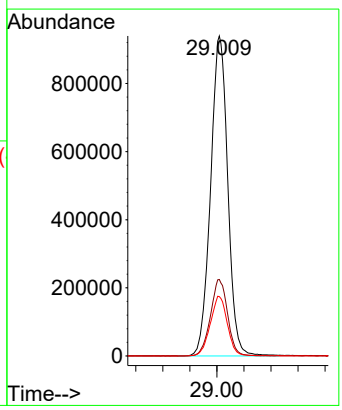




#92
Benzo(g,h,i)perylene
Concen: 39.626 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:276 Resp: 4131353

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.6	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng		0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng		0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng		0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng		0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng		99
3) Pyridine	3.734	79	1187050	53.254	ng		98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng		100
6) Aniline	7.187	93	1814285	54.314	ng		99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng		100
9) Benzaldehyde	6.998	77	743485m	48.013	ng		
10) Phenol	7.051	94	1479916	54.513	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng		99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng		99
17) 2-Methylphenol	8.298	107	967335	54.938	ng		98
18) Hexachloroethane	8.951	117	510428	53.689	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng		98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng		98
22) Acetophenone	8.687	105	1828595	53.438	ng	#	97
24) Nitrobenzene	9.063	77	1289779	53.879	ng		99
25) Isophorone	9.592	82	2401483	55.168	ng		100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng		99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng		99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng		99
31) Naphthalene	10.716	128	3662846	52.691	ng		100
32) Benzoic acid	9.957	122	666467	51.765	ng		99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng		99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng		99
35) Caprolactam	11.586	113	328173	56.364	ng		98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng		100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng		98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng		100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng		99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

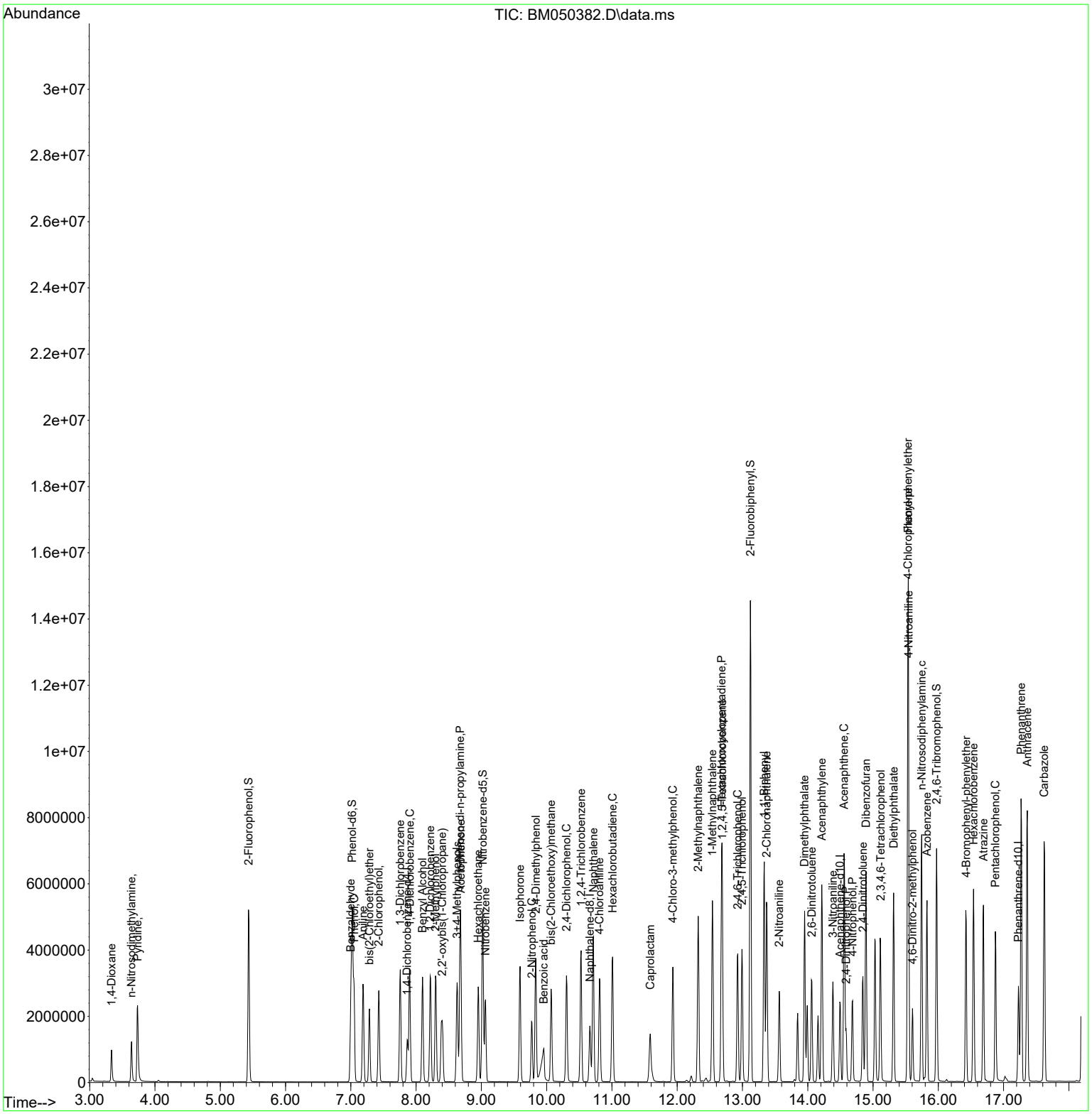
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

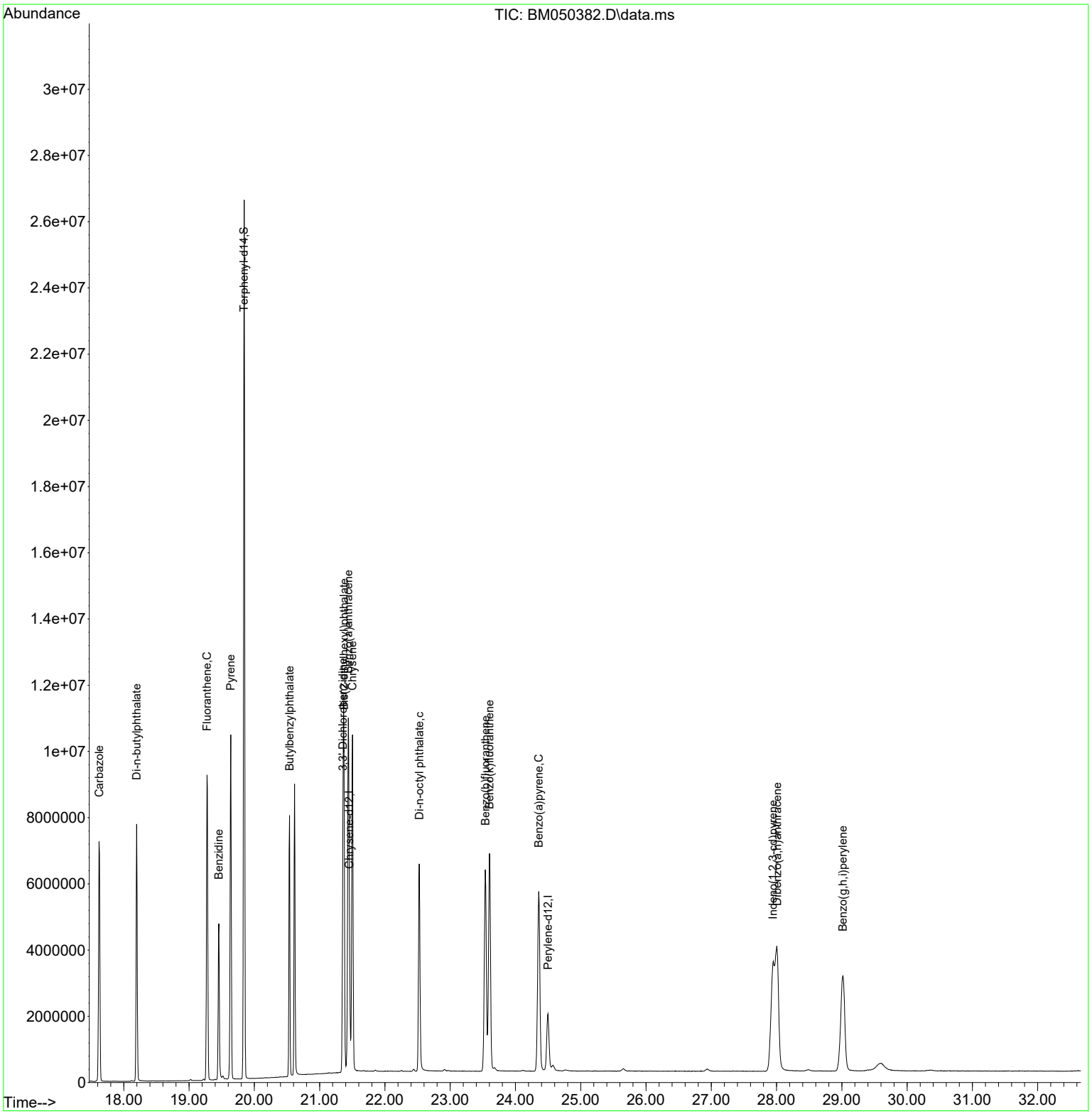


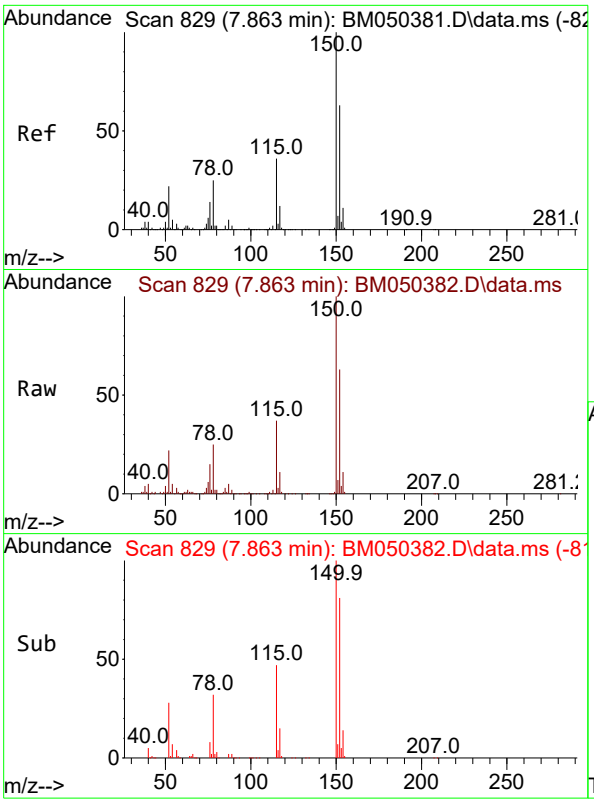
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



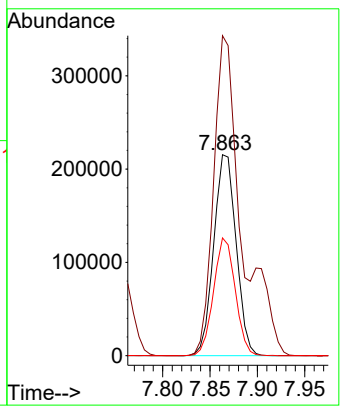


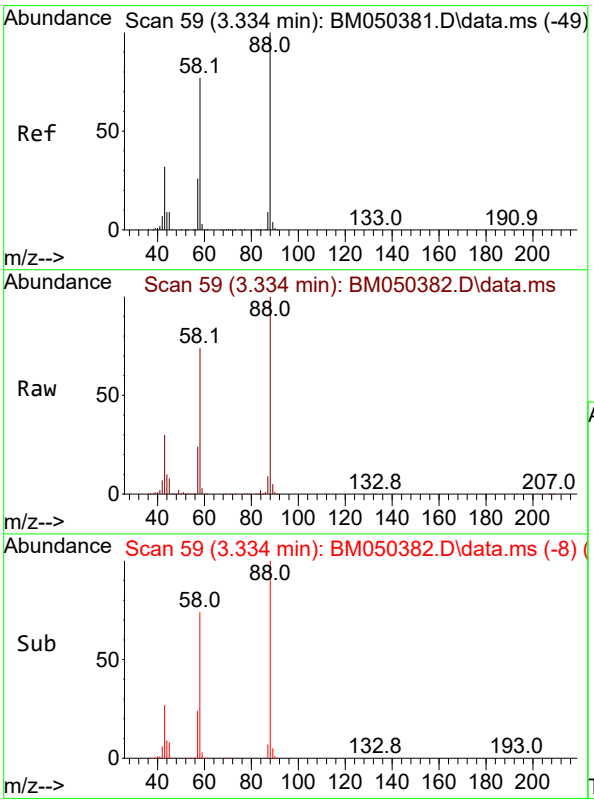
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 355414

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.4
115	58.6	45.8	68.8

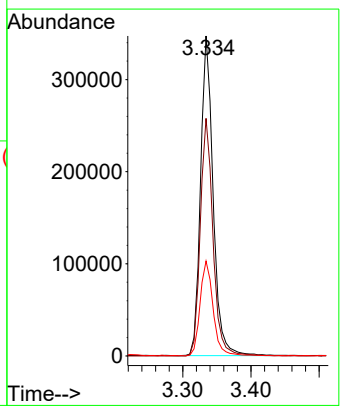


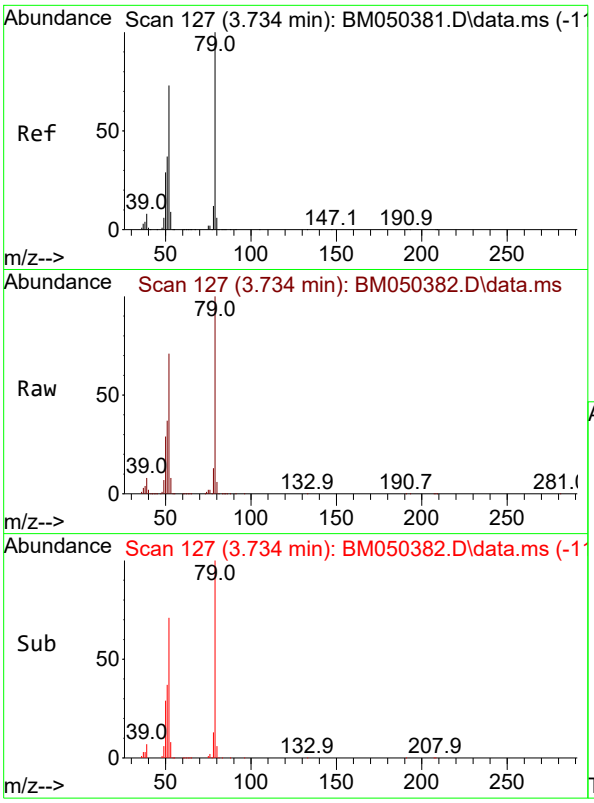


#2
1,4-Dioxane
Concen: 52.431 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 88 Resp: 445164

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.0	91.6
43	30.8	24.6	37.0



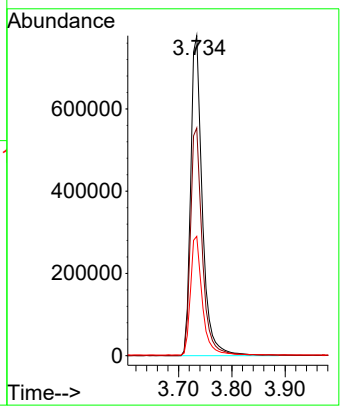


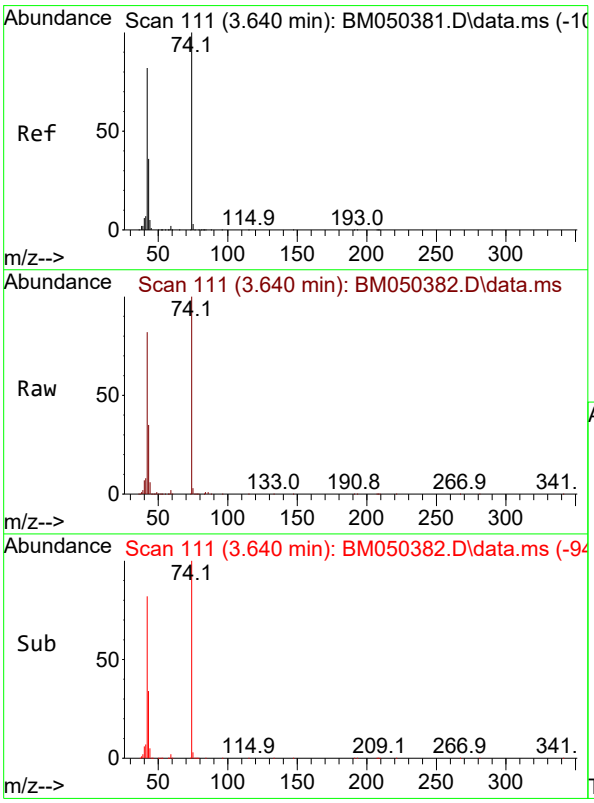
#3
Pyridine
Concen: 53.254 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1187050

Ion	Ratio	Lower	Upper
79	100		
52	71.2	58.3	87.5
51	37.3	29.6	44.4

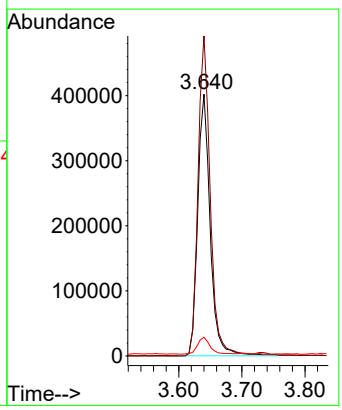


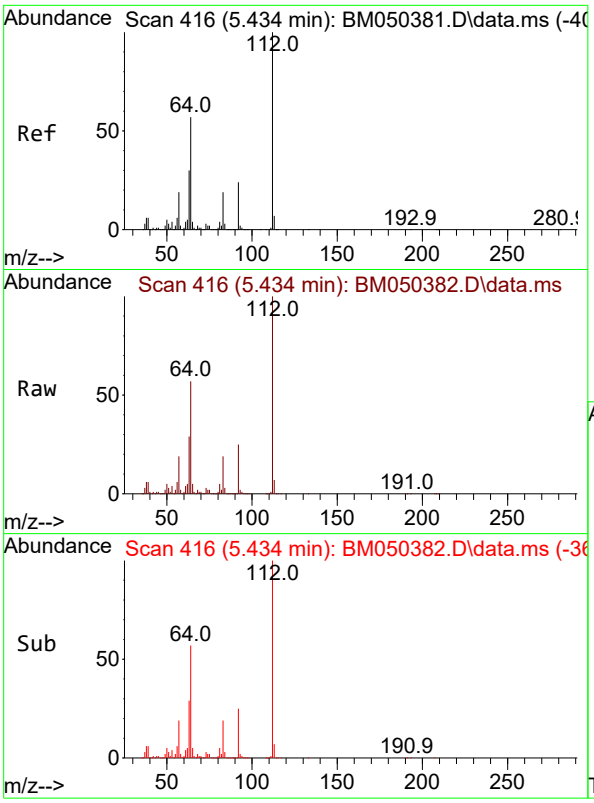


#4
n-Nitrosodimethylamine
Concen: 53.005 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 42 Resp: 550809

Ion	Ratio	Lower	Upper
42	100		
74	122.3	97.5	146.3
44	7.2	5.7	8.5



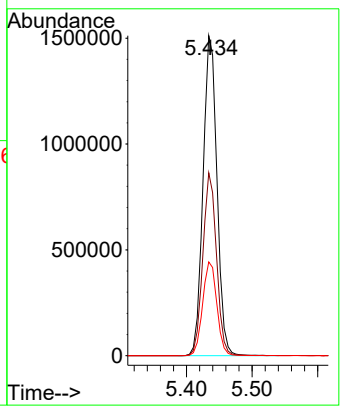


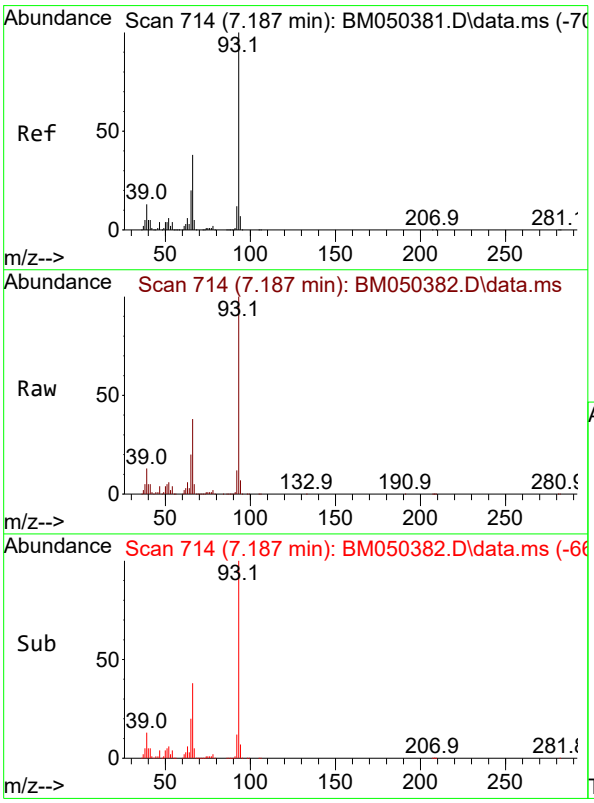
#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2235397

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.5	68.3
63	29.3	24.2	36.4

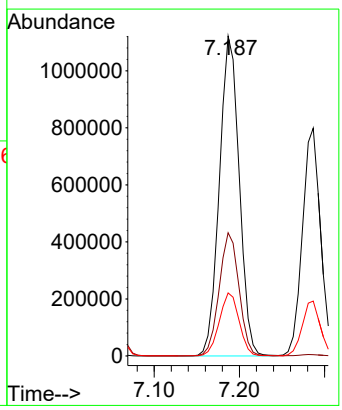


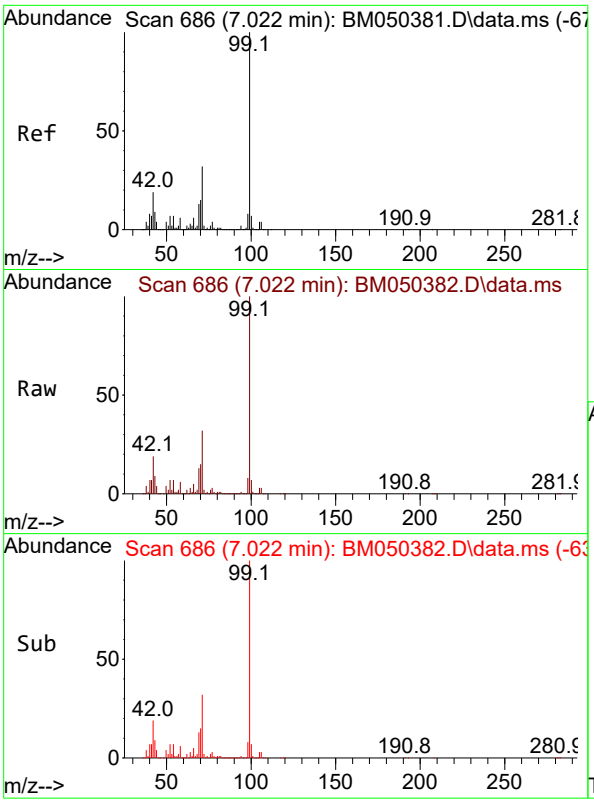


#6
Aniline
Concen: 54.314 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1814285

Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.5	45.7
65	19.7	15.9	23.9



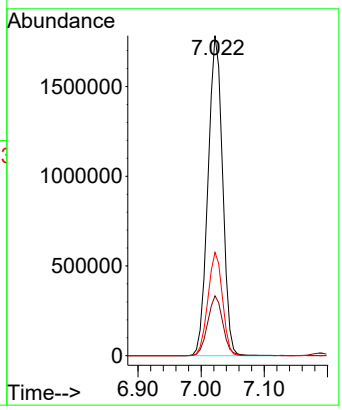


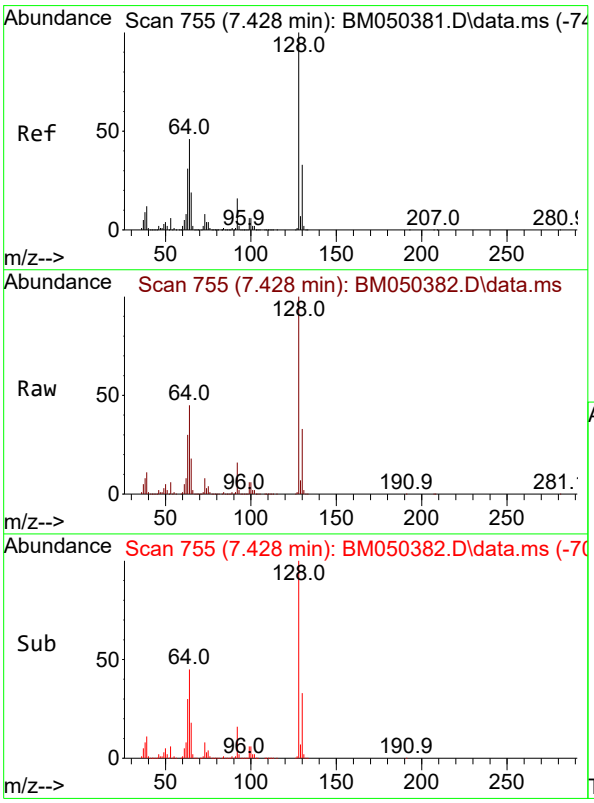
#7
Phenol-d6
Concen: 109.721 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2855911

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	32.3	25.9	38.9

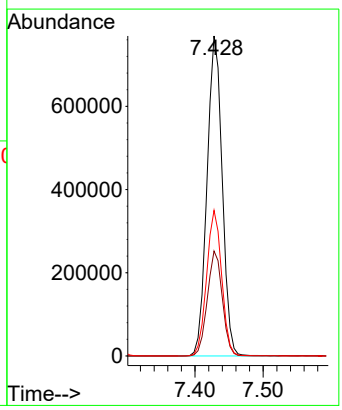


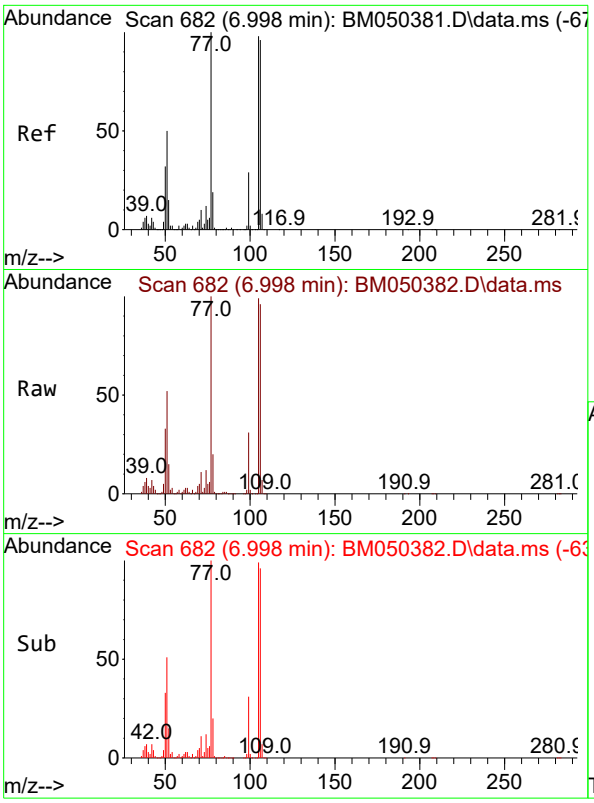


#8
2-Chlorophenol
Concen: 54.720 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:128 Resp: 1191374

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	45.5	25.6	65.6



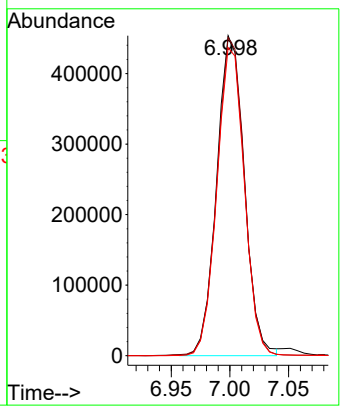


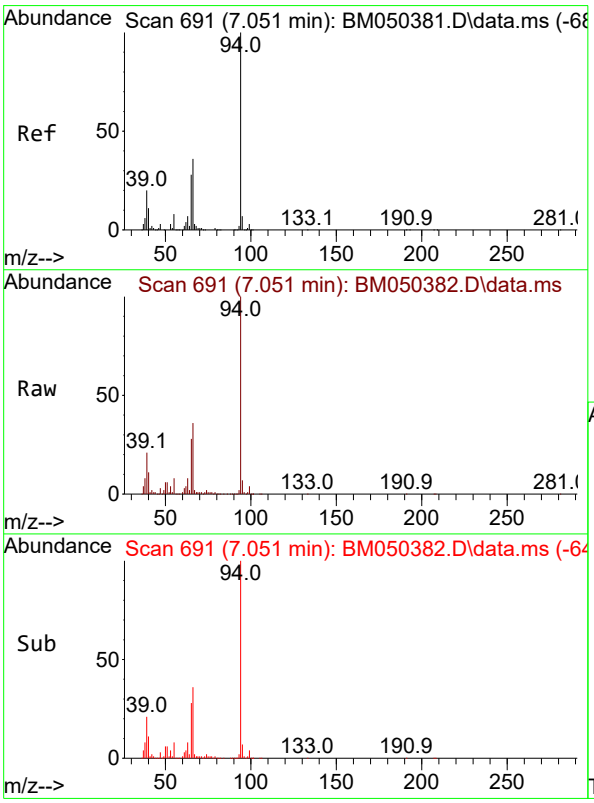
#9
Benzaldehyde
Concen: 48.013 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 743485

Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.4	118.4
106	96.2	76.3	116.3

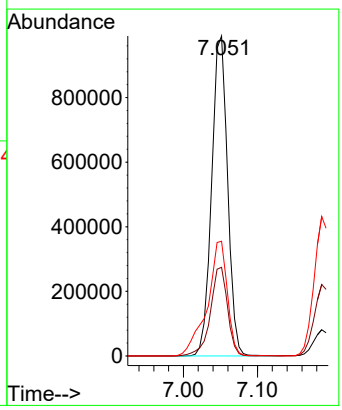


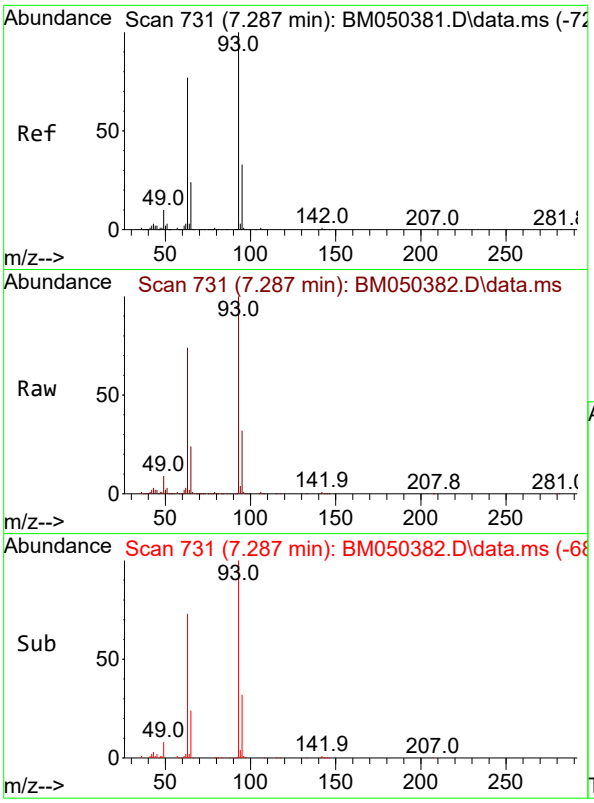


#10
Phenol
Concen: 54.513 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 94 Resp: 1479916

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.8	15.8	55.8



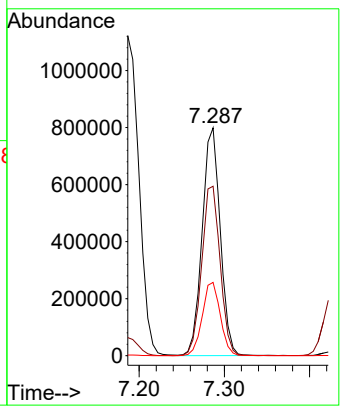


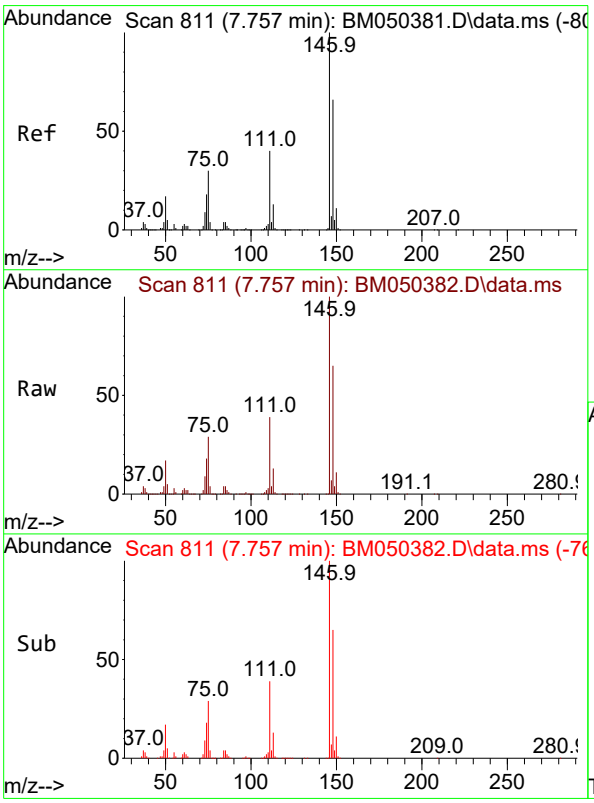
#11
bis(2-Chloroethyl)ether
Concen: 54.102 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1176258

Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.9	96.9
95	32.1	12.6	52.6

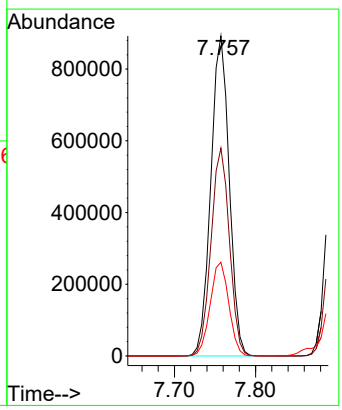


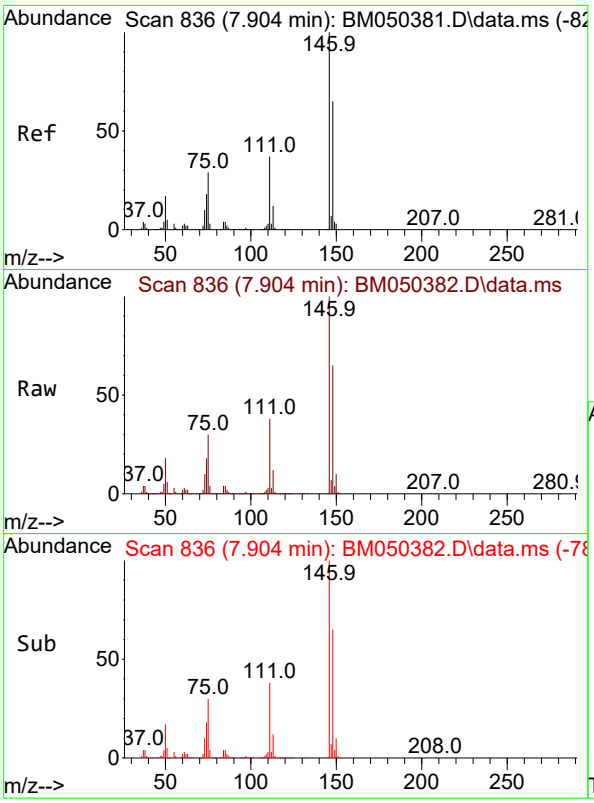


#12
1,3-Dichlorobenzene
Concen: 53.015 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1403509

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
75	29.3	23.9	35.9



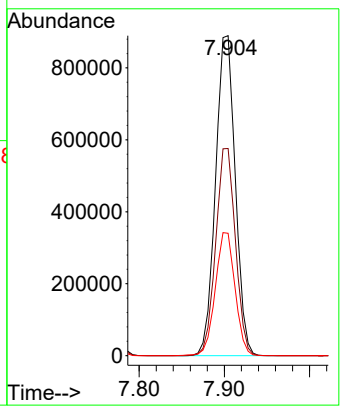


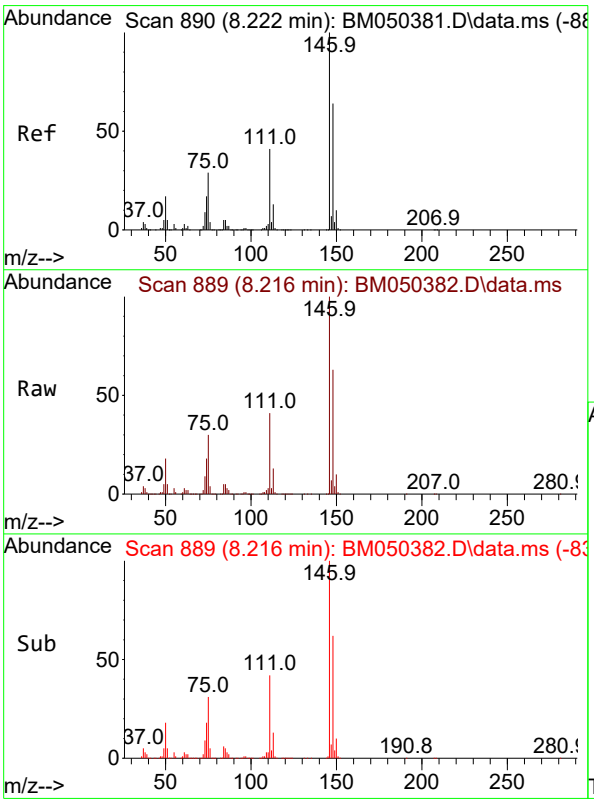
#13
1,4-Dichlorobenzene
Concen: 52.933 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1430908

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	38.2	30.0	45.0

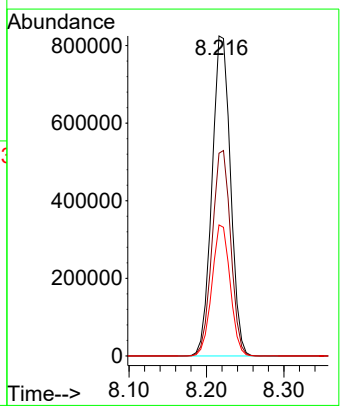


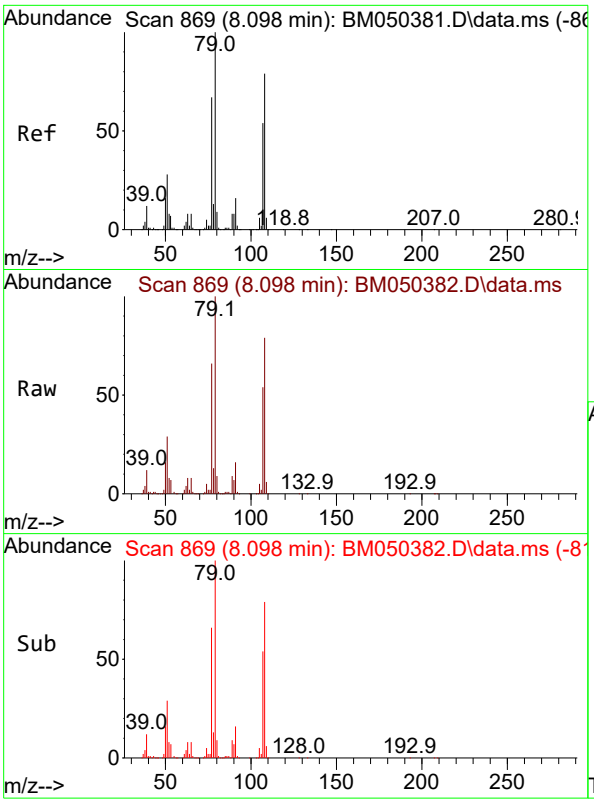


#14
1,2-Dichlorobenzene
Concen: 52.912 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1369382

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	40.9	32.6	49.0



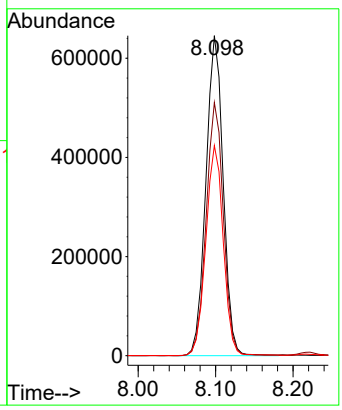


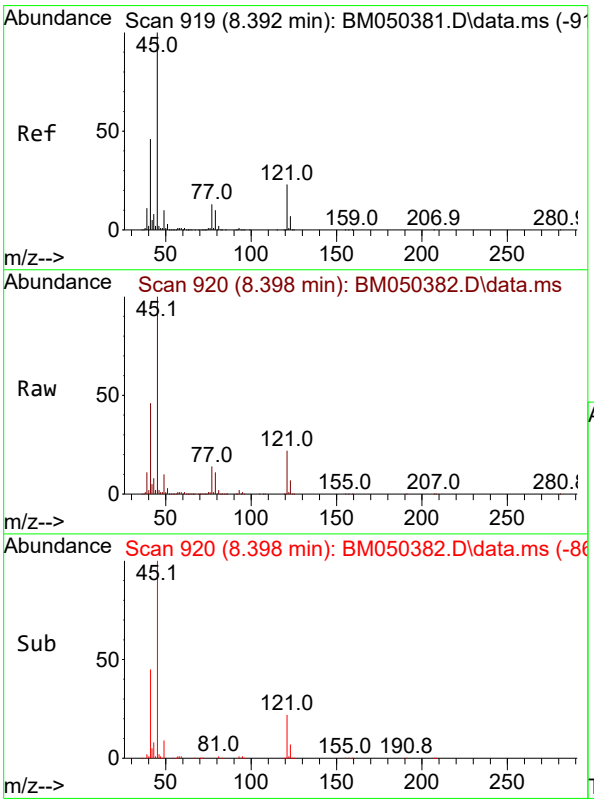
#15
Benzyl Alcohol
Concen: 54.529 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1000035

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

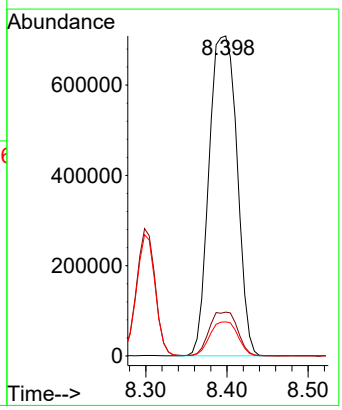


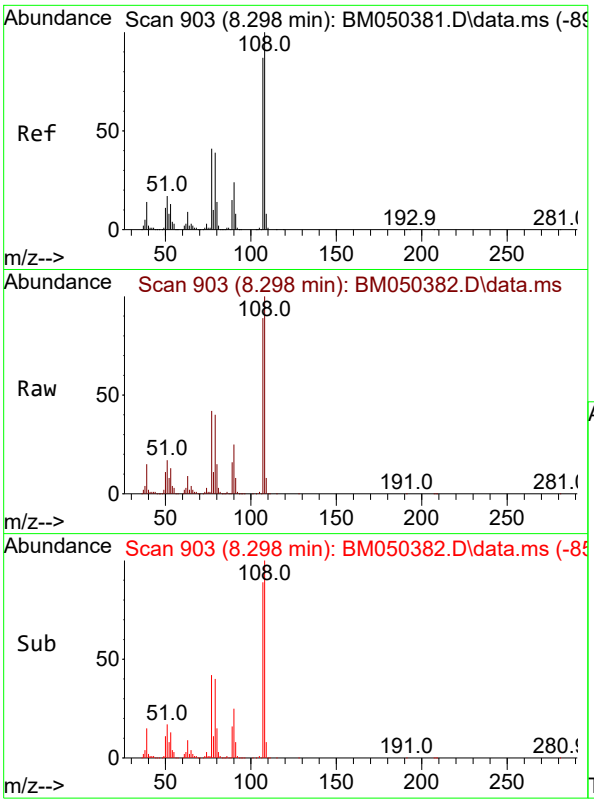


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.899 ng
RT: 8.398 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 45 Resp: 1694093

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.7	0.0	30.3



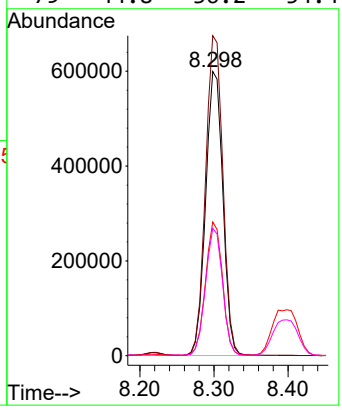


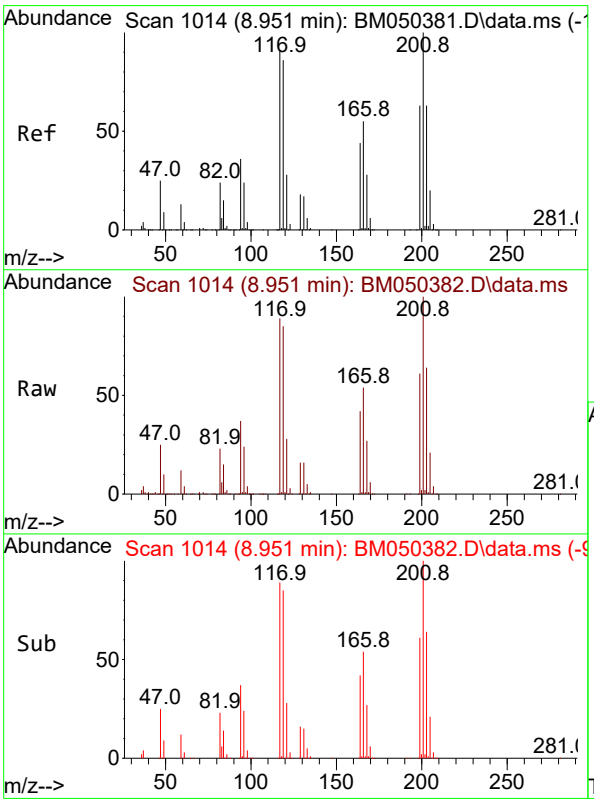
#17
2-Methylphenol
Concen: 54.938 ng
RT: 8.298 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 967335

Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.1	138.1
77	47.0	38.2	57.4
79	44.8	36.2	54.4

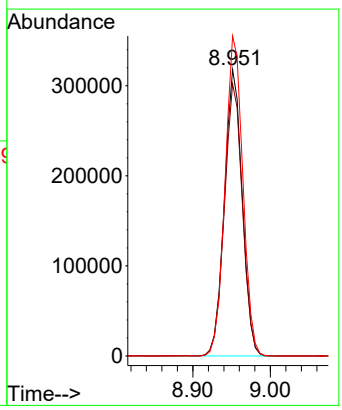


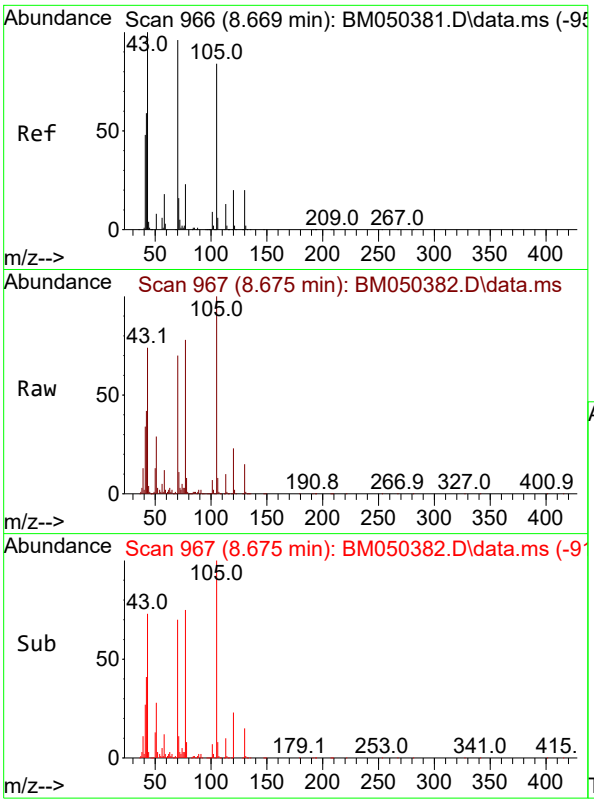


#18
Hexachloroethane
Concen: 53.689 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:117 Resp: 510428

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	111.8	87.9	131.9



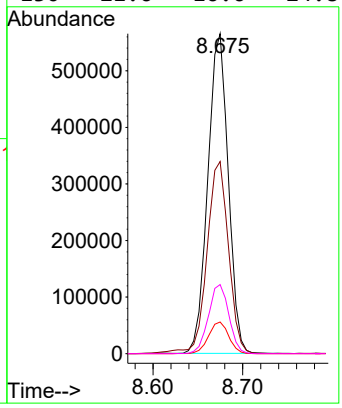


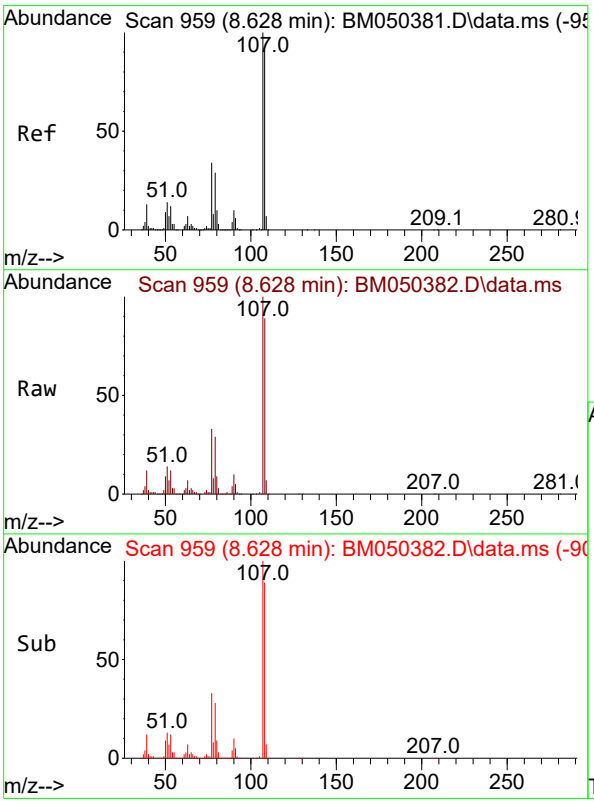
#19
n-Nitroso-di-n-propylamine
Concen: 56.604 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 892537

Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

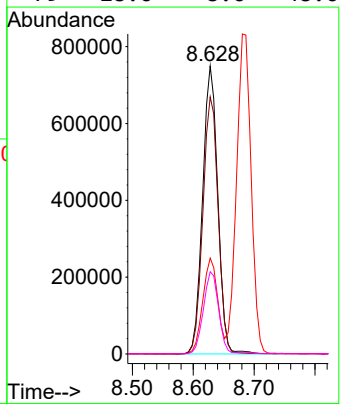


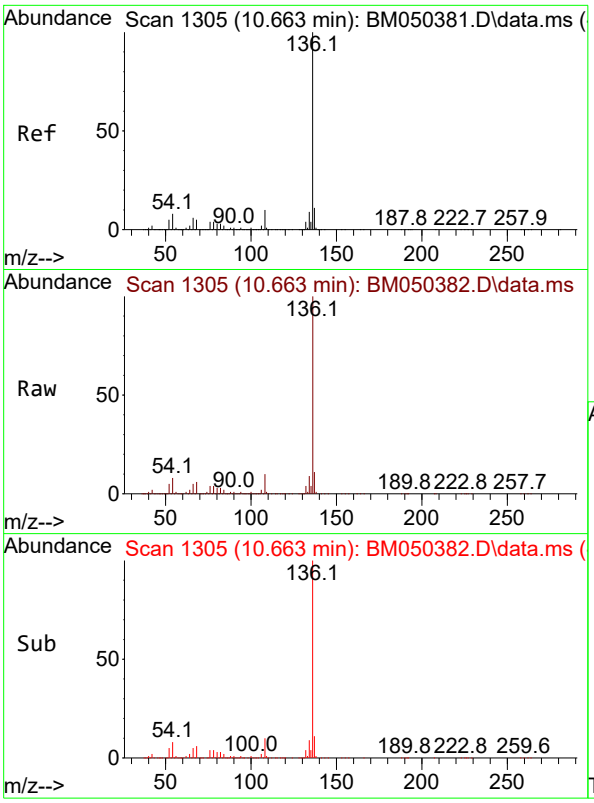


#20
3+4-Methylphenols
Concen: 54.800 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1295330

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	33.3	13.7	53.7
79	28.6	8.6	48.6



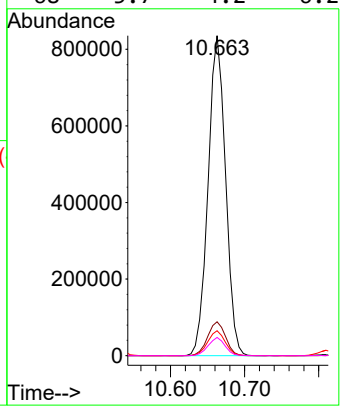


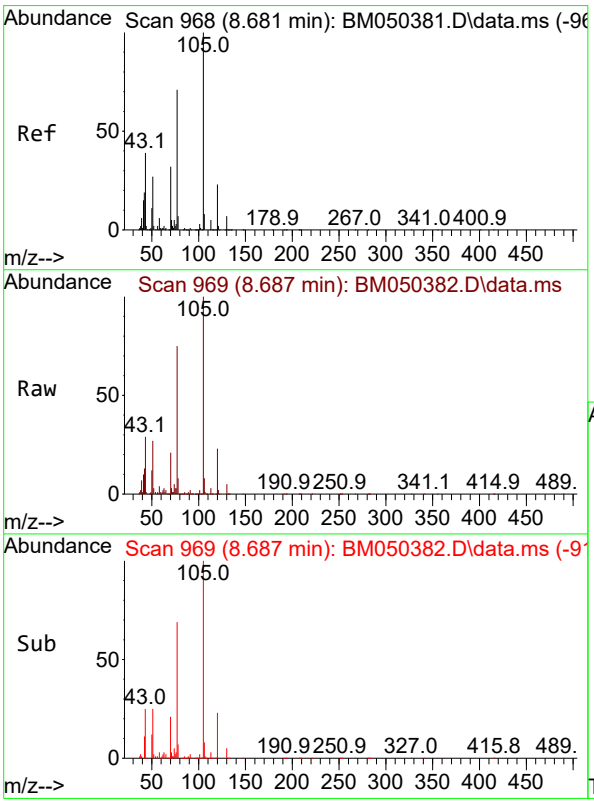
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1368622

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.8	6.3	9.5
68	5.7	4.2	6.2

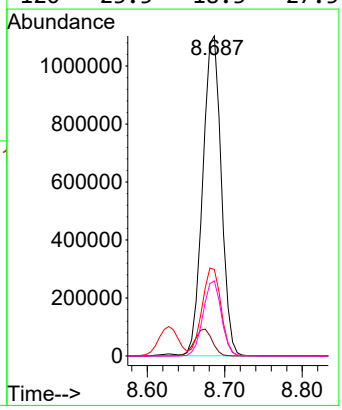


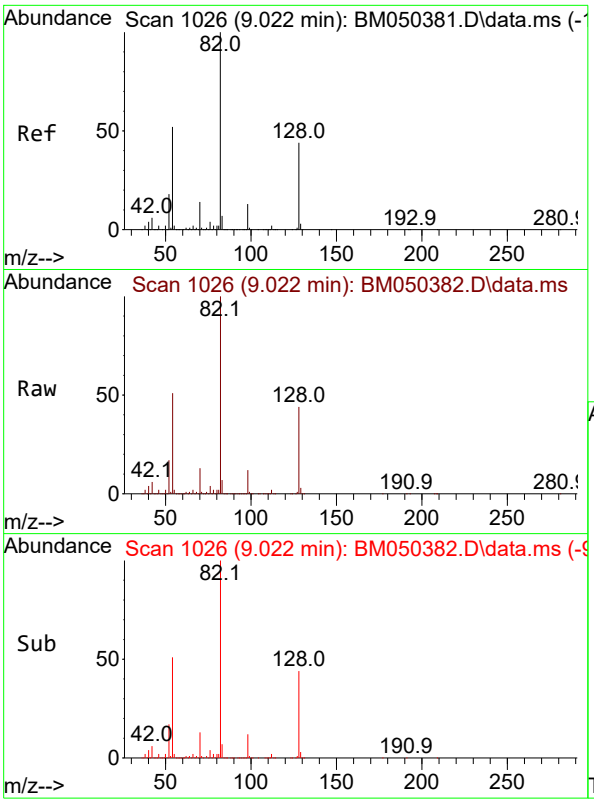


#22
Acetophenone
Concen: 53.438 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:105 Resp: 1828595

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	27.0	23.0	34.6
120	23.5	18.3	27.5



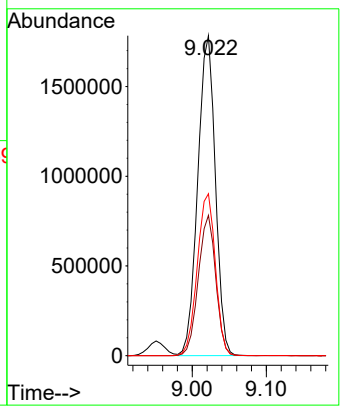


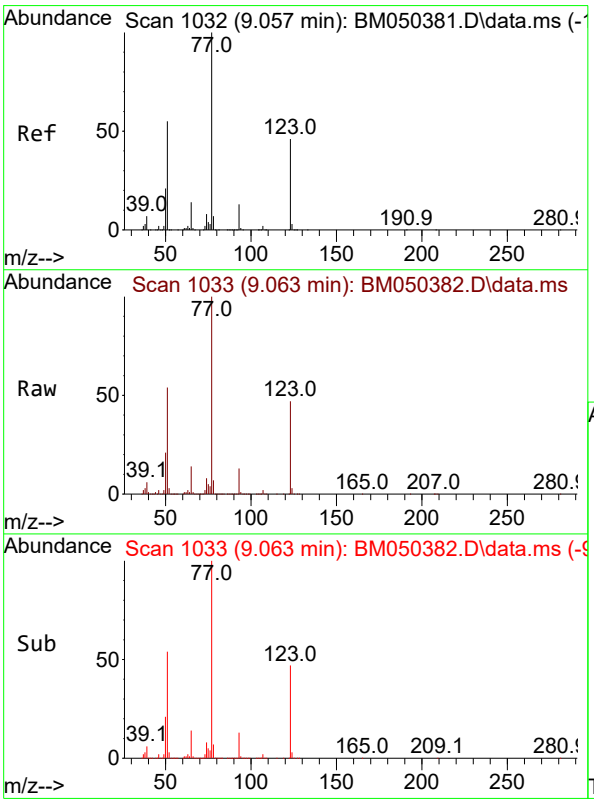
#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2937689

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.6	41.5	62.3

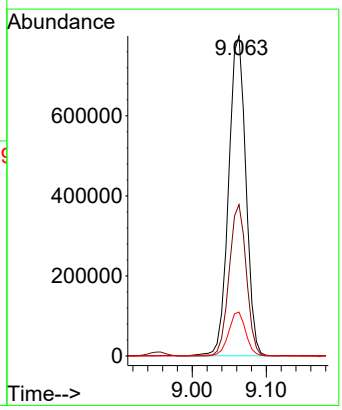


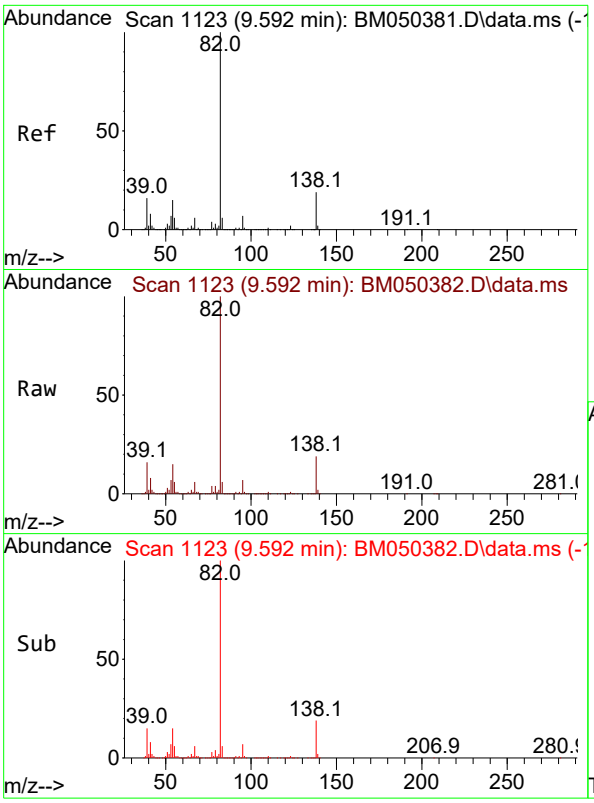


#24
Nitrobenzene
Concen: 53.879 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 77 Resp: 1289779

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.0	55.6
65	13.7	11.0	16.4



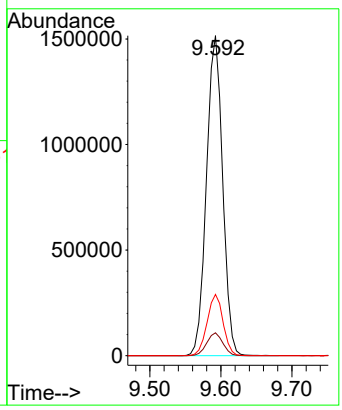


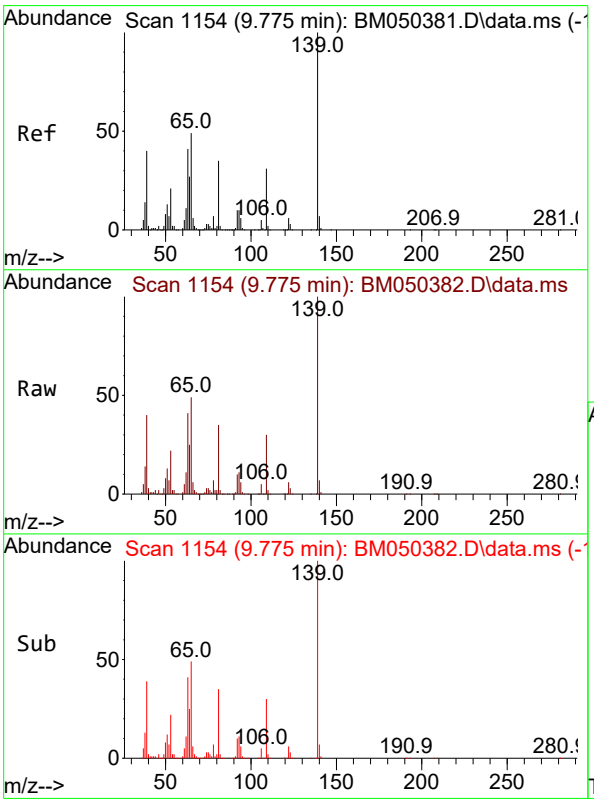
#25
Isophorone
Concen: 55.168 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2401483

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.2	15.3	22.9

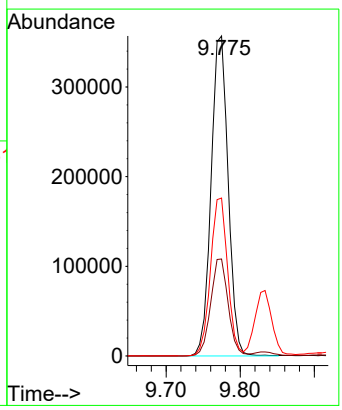


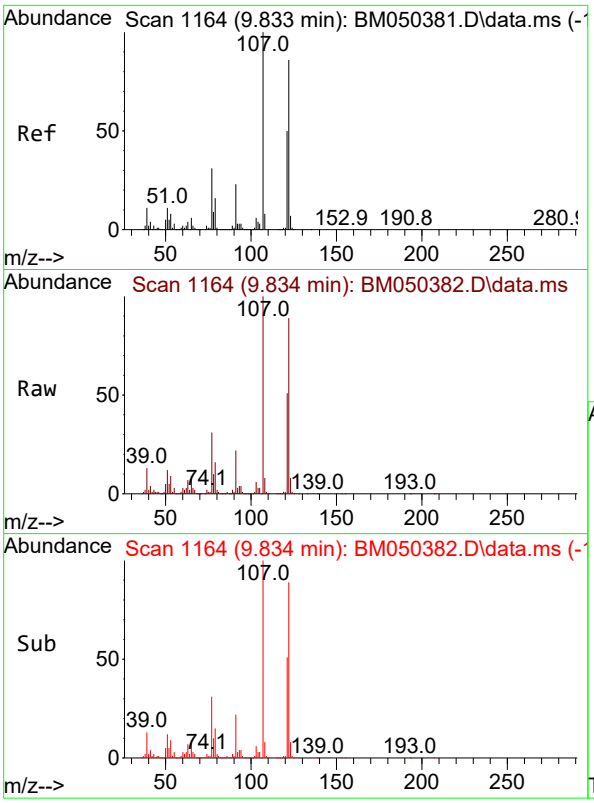


#26
2-Nitrophenol
Concen: 58.414 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 569906

Ion	Ratio	Lower	Upper
139	100		
109	30.3	24.6	36.8
65	49.3	39.2	58.8



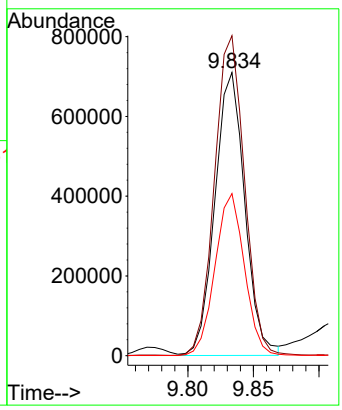


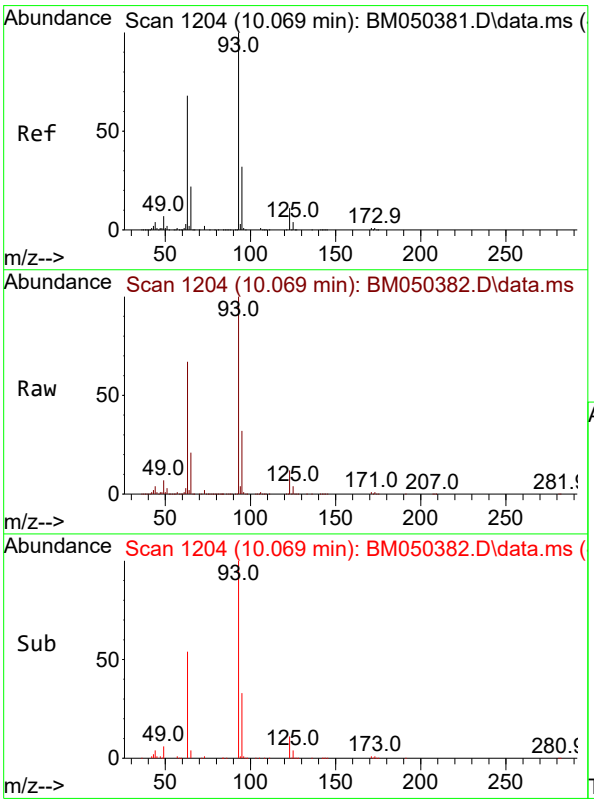
#27
2,4-Dimethylphenol
Concen: 54.178 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 1124761

Ion	Ratio	Lower	Upper
122	100		
107	113.0	93.0	139.6
121	57.2	46.1	69.1

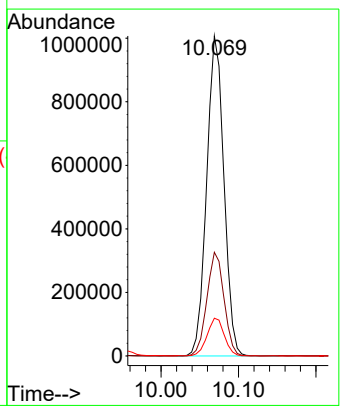


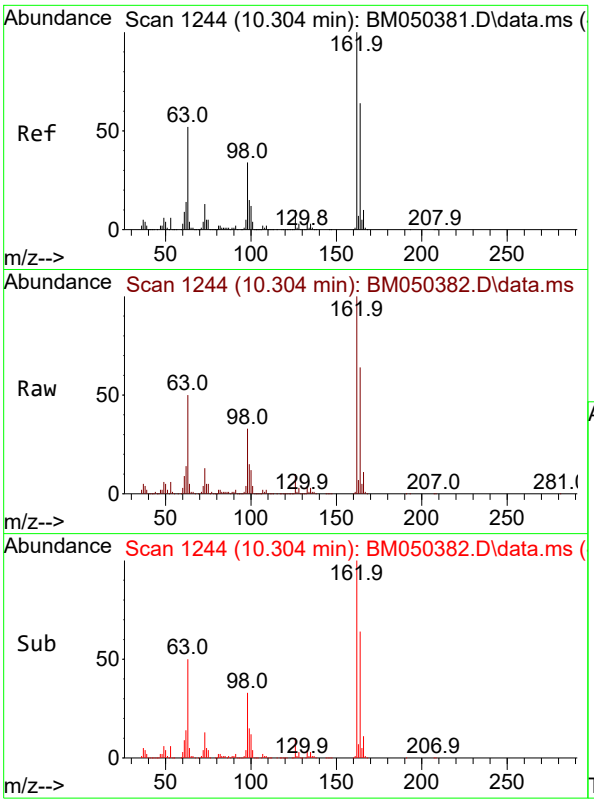


#28
bis(2-Chloroethoxy)methane
Concen: 53.910 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1555003

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.8	9.1	13.7



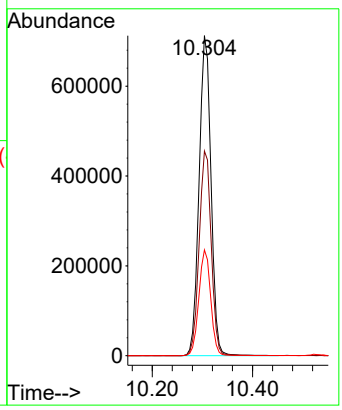


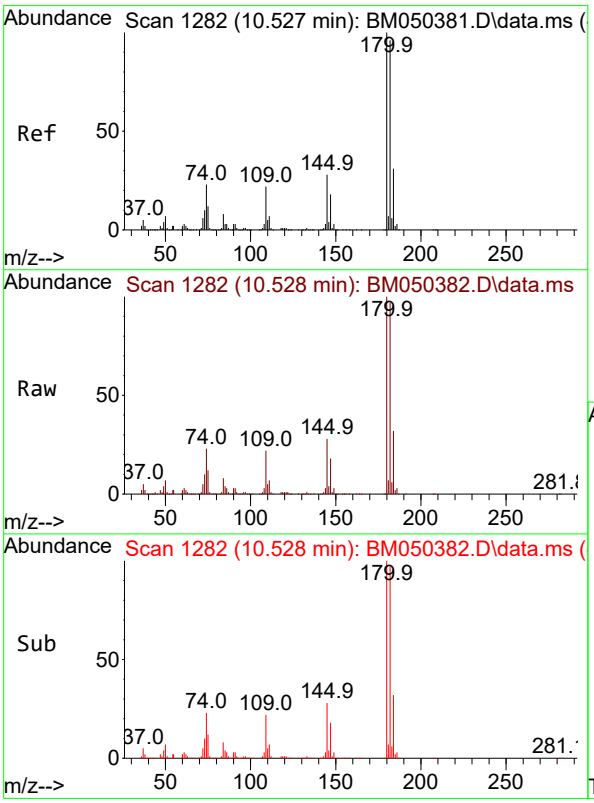
#29
2,4-Dichlorophenol
Concen: 55.130 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1175856

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.7	83.7
98	33.0	13.7	53.7

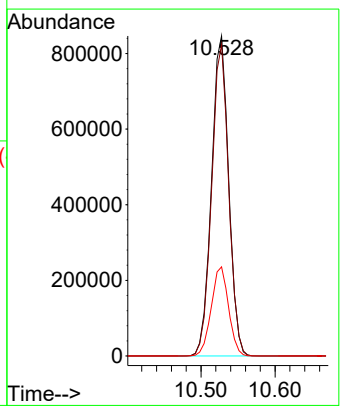


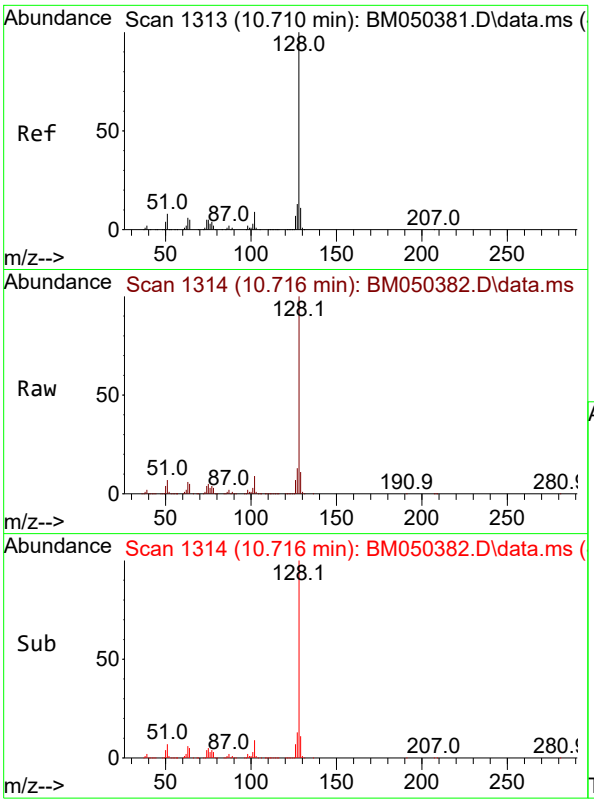


#30
1,2,4-Trichlorobenzene
Concen: 53.267 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:180 Resp: 1359109

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	27.9	22.6	33.8



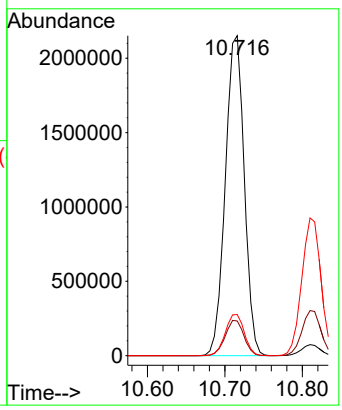


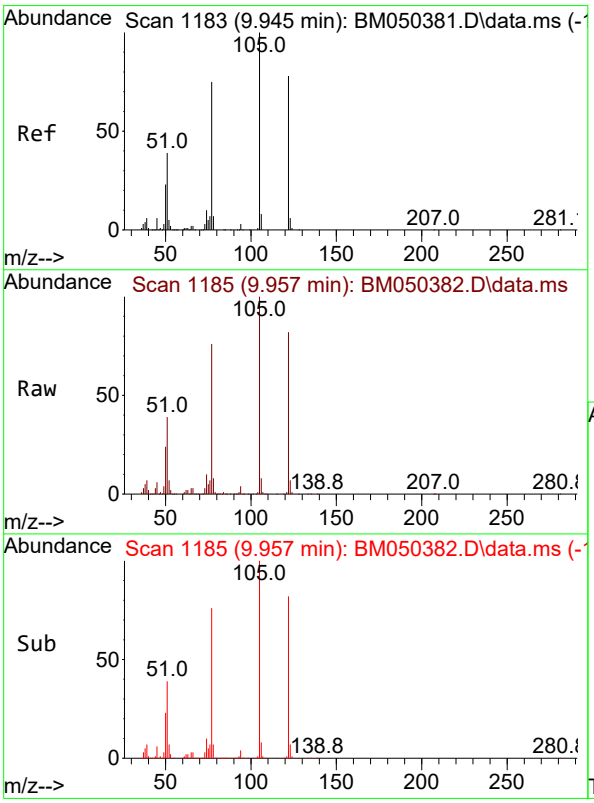
#31
Naphthalene
Concen: 52.691 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3662846

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.4	15.6

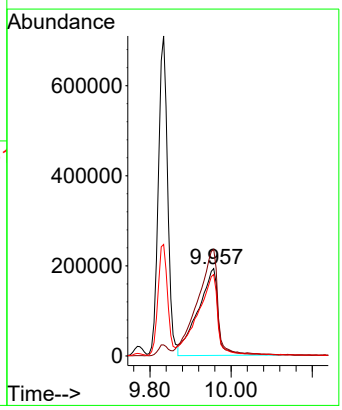


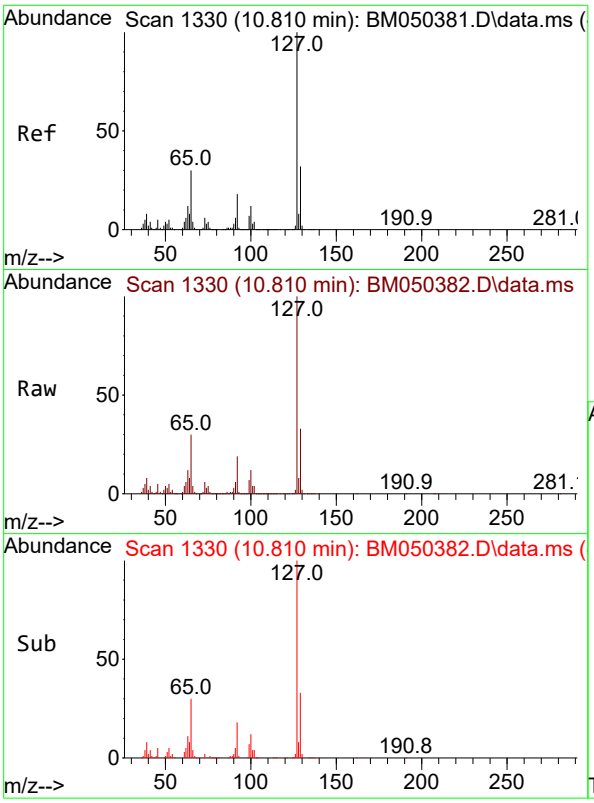


#32
Benzoic acid
Concen: 51.765 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:122 Resp: 666467

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.0	144.0
77	93.3	73.8	113.8



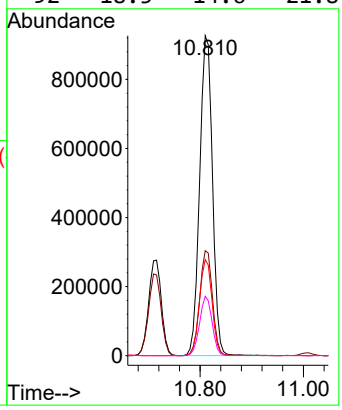


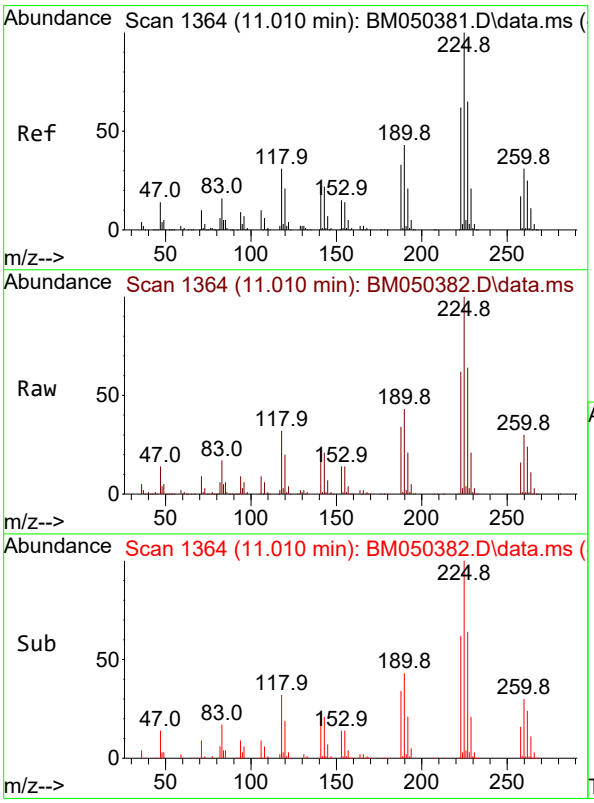
#33
4-Chloroaniline
Concen: 54.189 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1592528

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	30.0	23.9	35.9
92	18.5	14.6	21.8

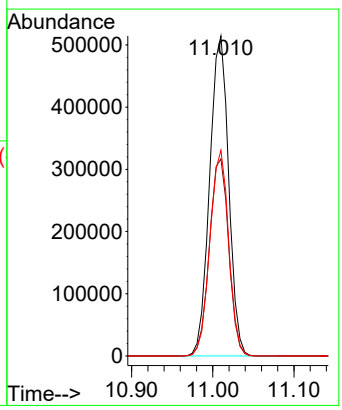


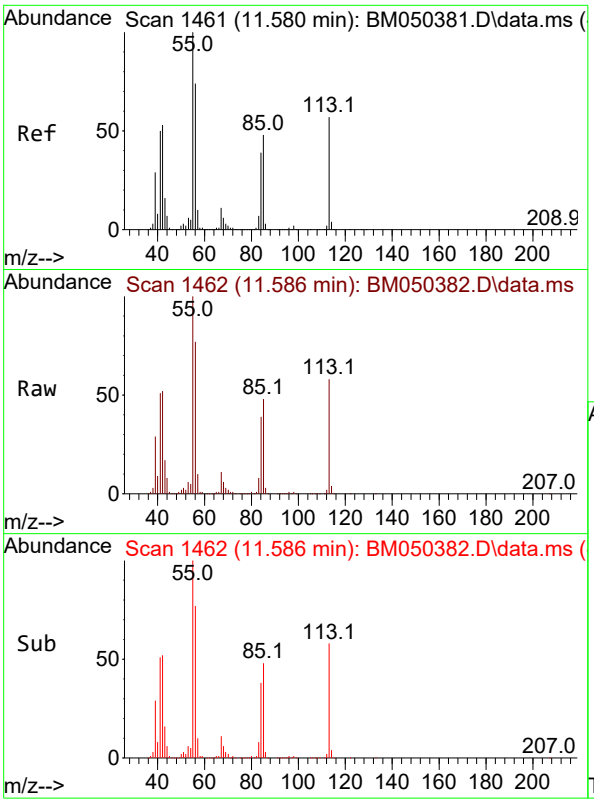


#34
Hexachlorobutadiene
Concen: 53.639 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:225 Resp: 835314

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.2	52.1	78.1



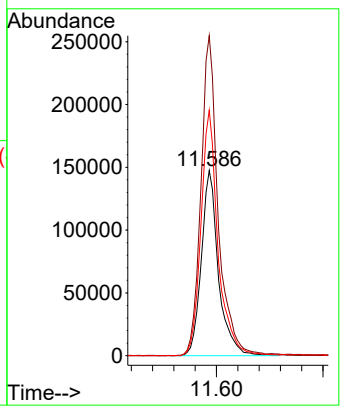


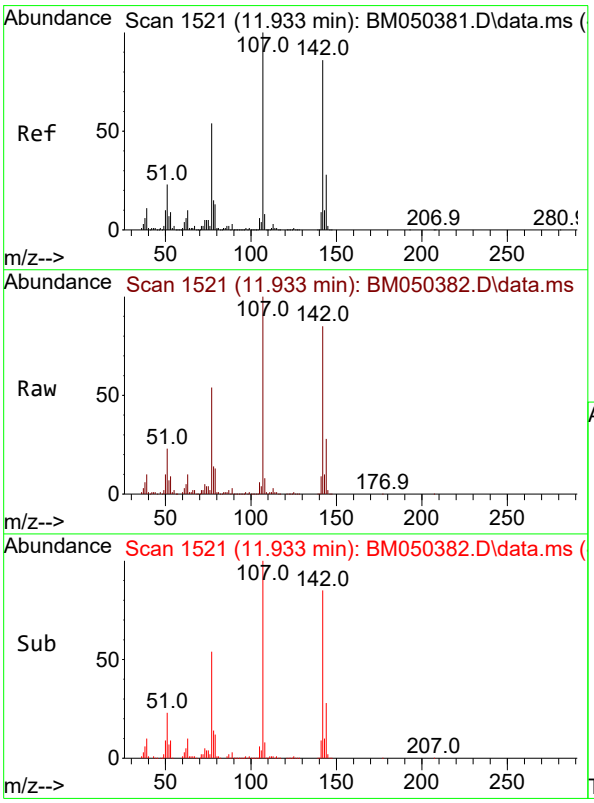
#35
Caprolactam
Concen: 56.364 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 328173

Ion	Ratio	Lower	Upper
113	100		
55	172.8	157.2	197.2
56	132.6	111.7	151.7

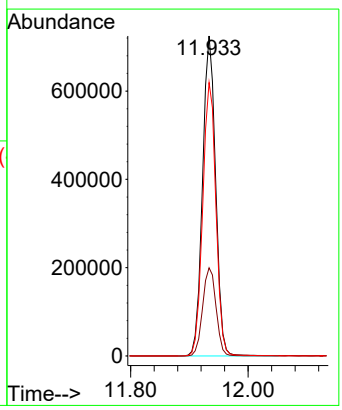


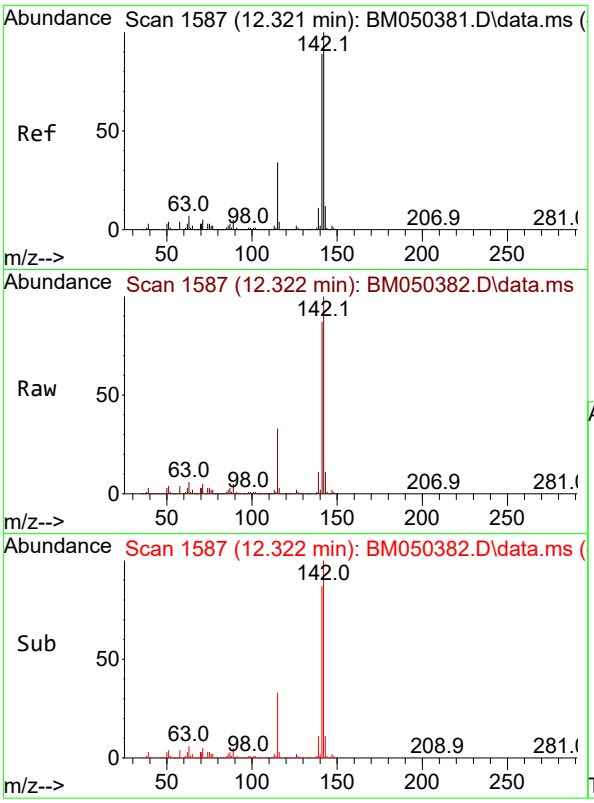


#36
4-Chloro-3-methylphenol
Concen: 55.959 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1114543

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.2	33.4
142	85.4	68.7	103.1



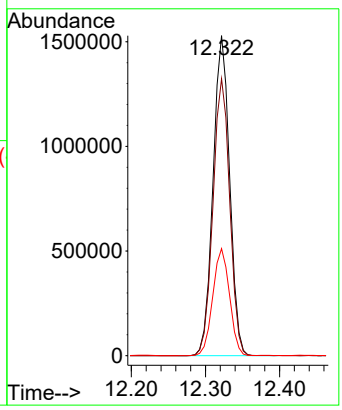


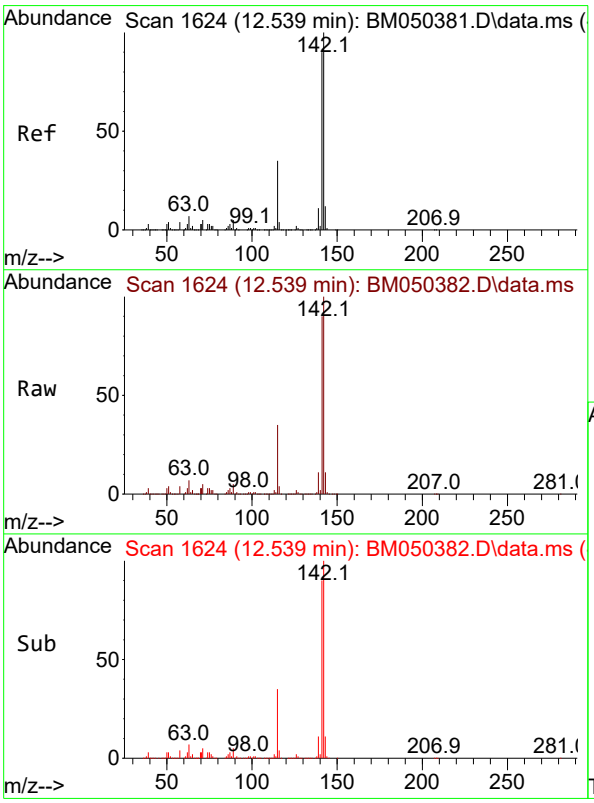
#37
2-Methylnaphthalene
Concen: 53.990 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2369763

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.8	106.2
115	33.5	27.0	40.4

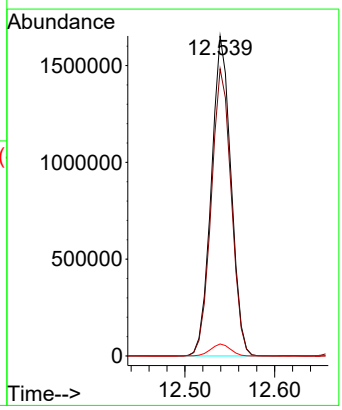


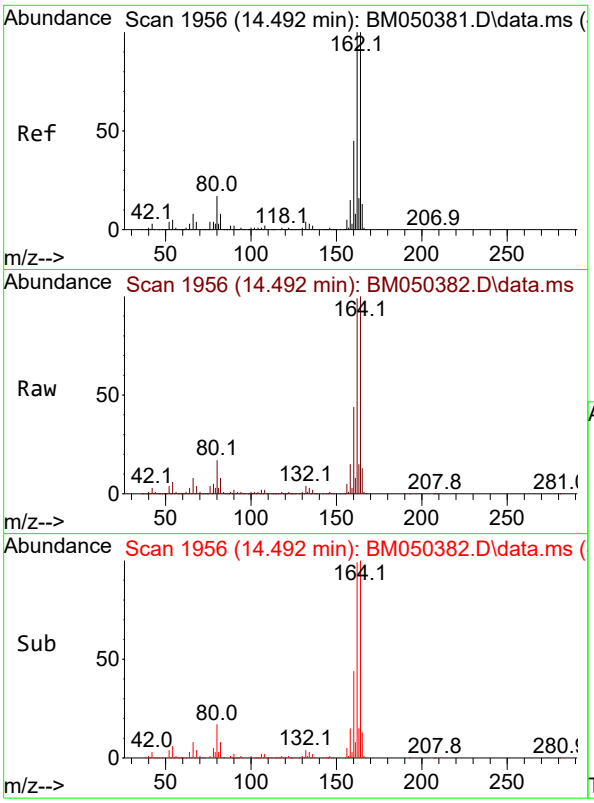


#38
1-Methylnaphthalene
Concen: 54.226 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:142 Resp: 2518911

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
116	3.8	3.0	4.6



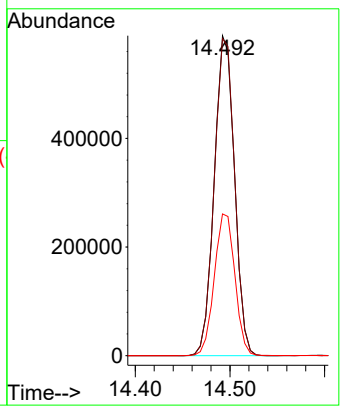


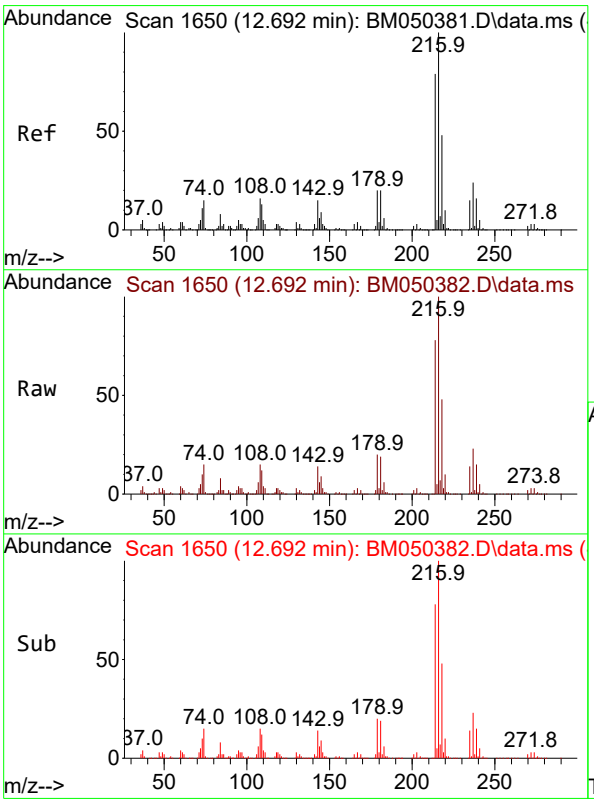
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 874077

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	44.3	36.2	54.4

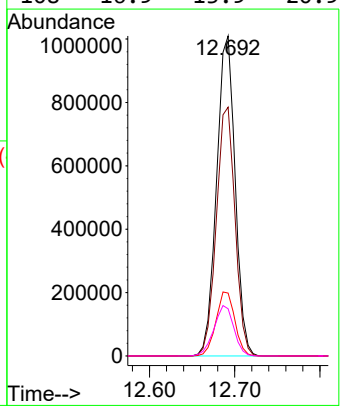


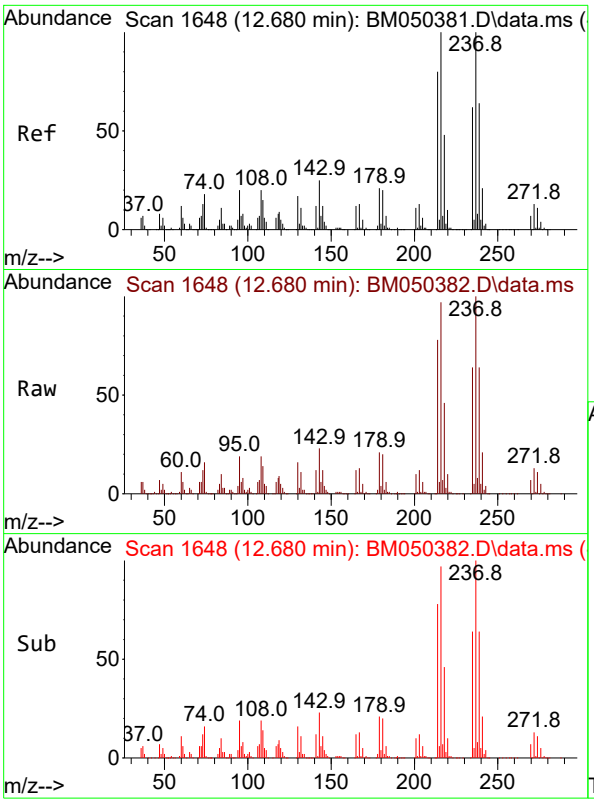


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.004 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:216 Resp: 1528897

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



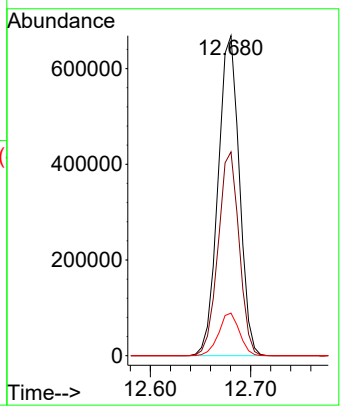


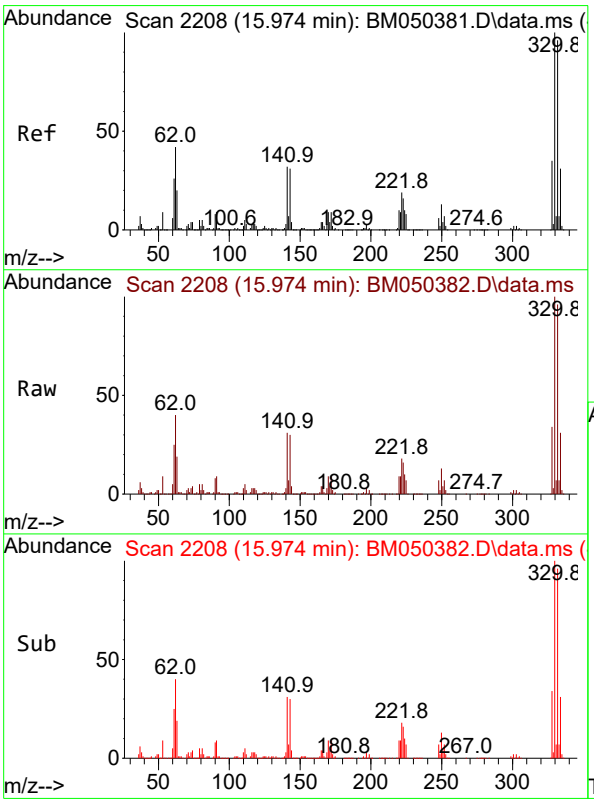
#41
Hexachlorocyclopentadiene
Concen: 55.306 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 982675

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.3	82.3
272	13.3	0.0	33.0

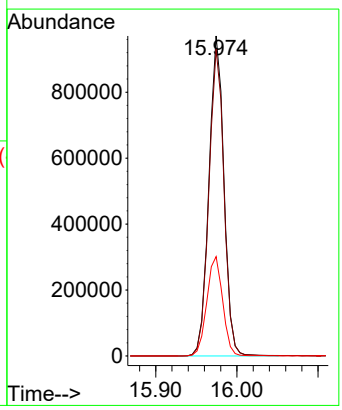


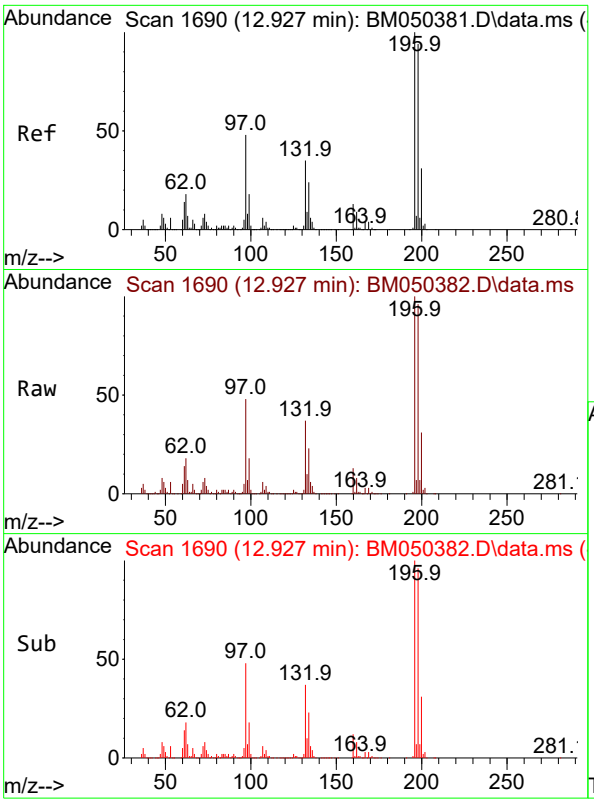


#42
2,4,6-Tribromophenol
Concen: 117.361 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:330 Resp: 1246384

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.9	27.4	41.0



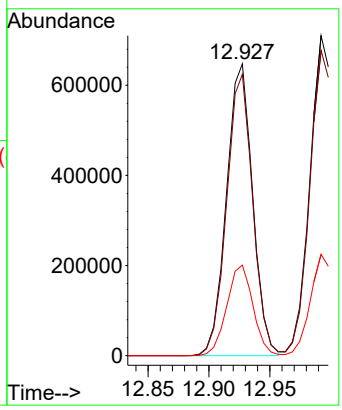


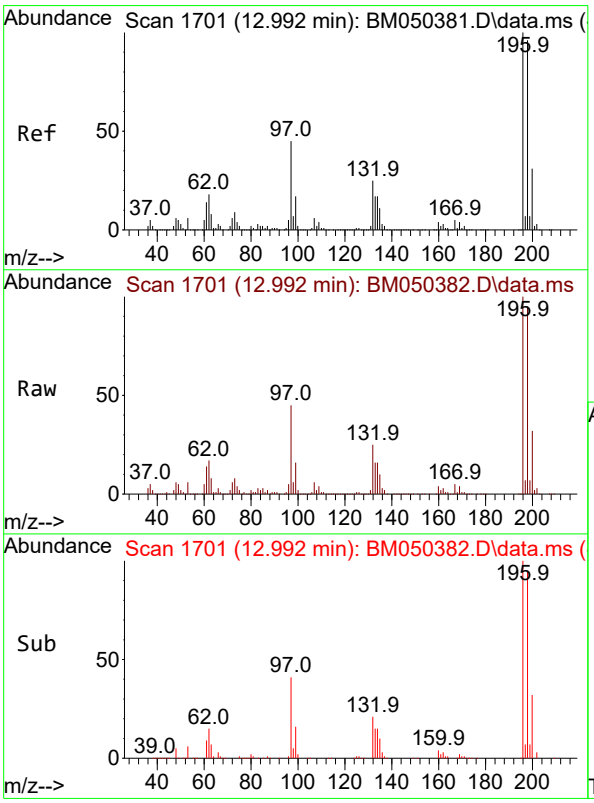
#43
2,4,6-Trichlorophenol
Concen: 56.583 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 968128

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	31.0	24.6	37.0

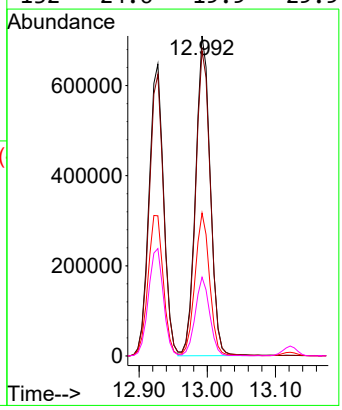


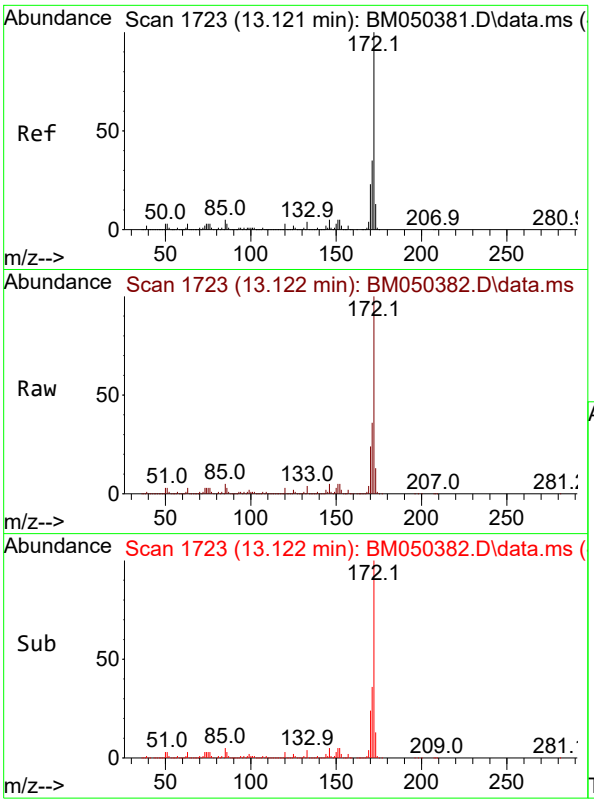


#44
2,4,5-Trichlorophenol
Concen: 56.628 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:196 Resp: 1058158

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	44.6	36.2	54.4
132	24.6	19.9	29.9



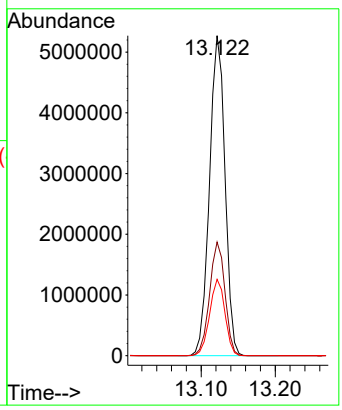


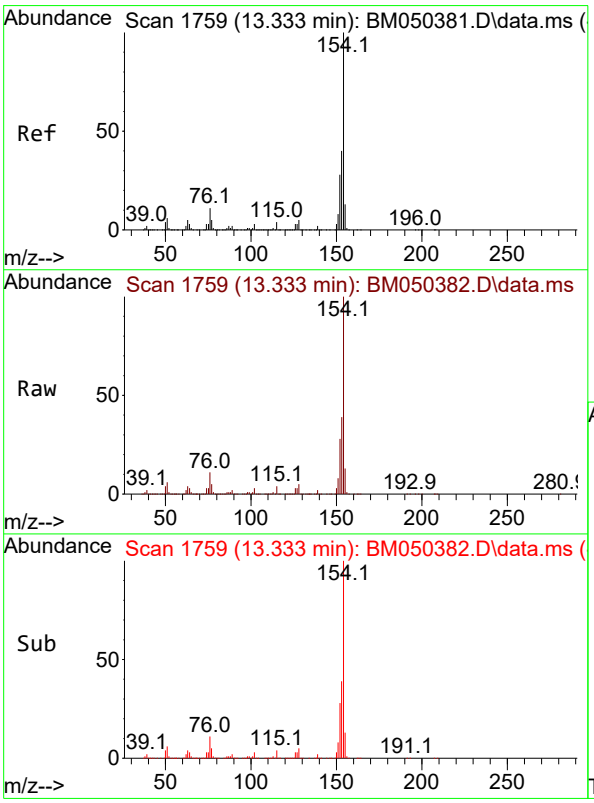
#45
2-Fluorobiphenyl
Concen: 108.218 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 7659625

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	23.9	18.8	28.2

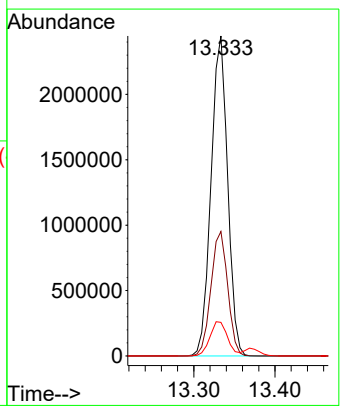


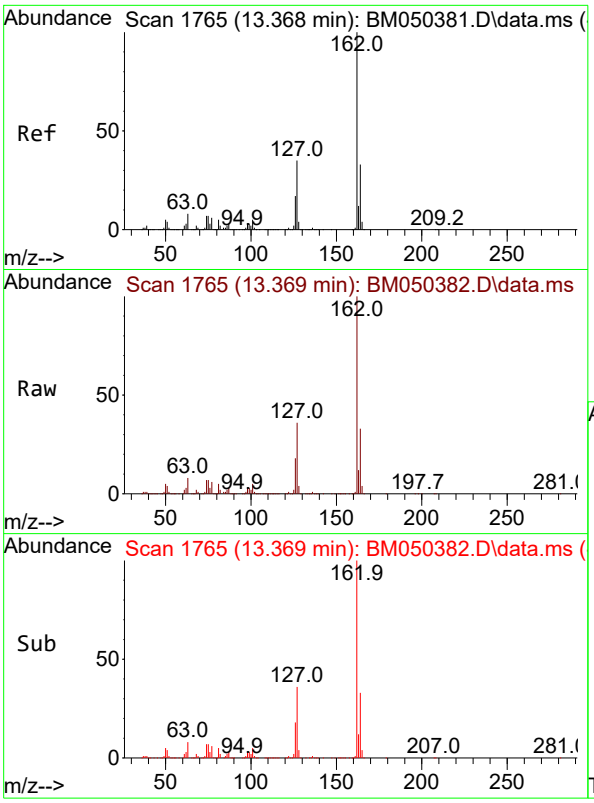


#46
1,1'-Biphenyl
Concen: 53.449 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 3466190

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.7	59.7
76	10.5	0.0	30.9



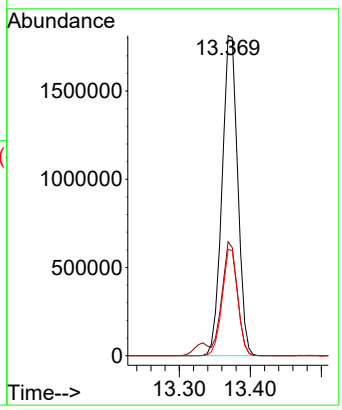


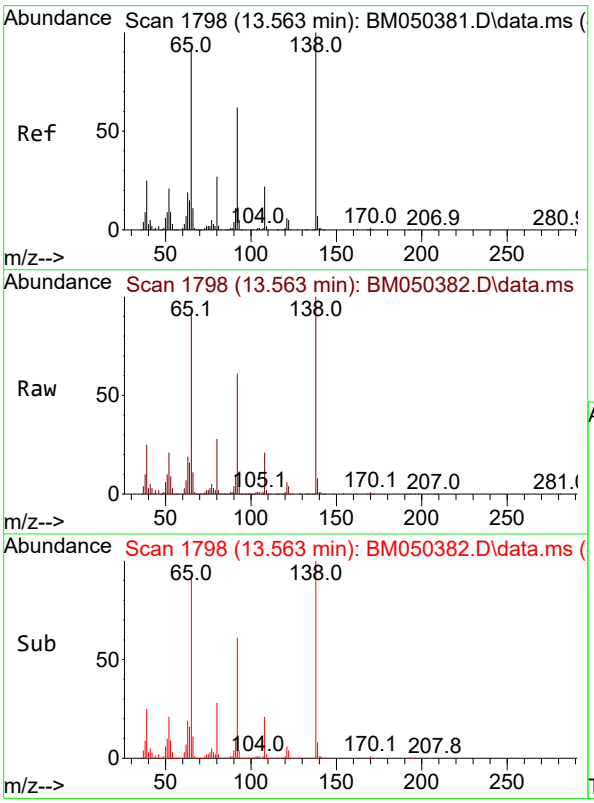
#47
2-Chloronaphthalene
Concen: 53.538 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2768272

Ion	Ratio	Lower	Upper
162	100		
127	35.6	28.3	42.5
164	33.3	26.6	40.0

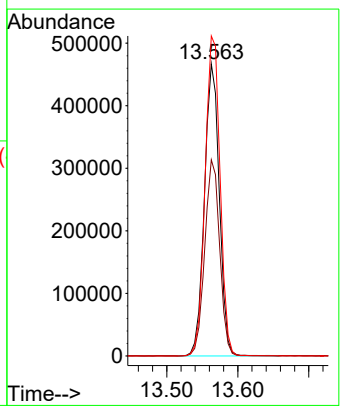


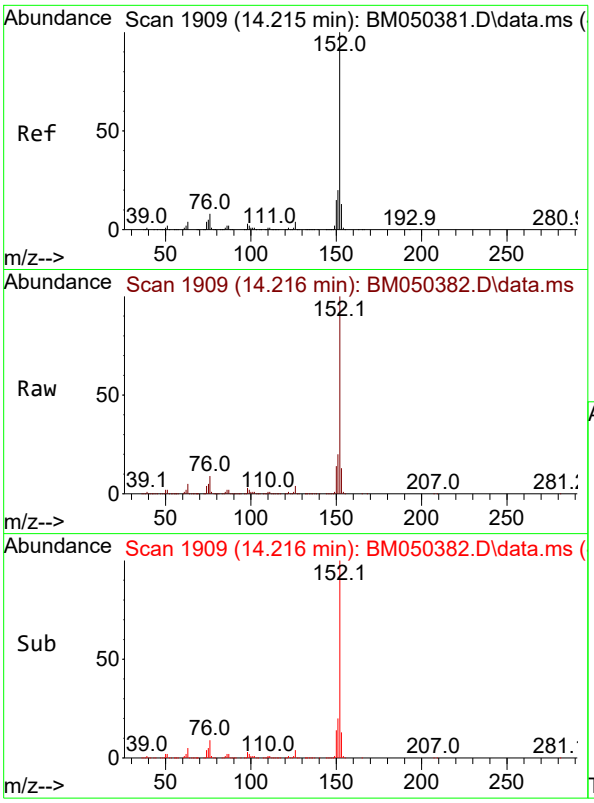


#48
2-Nitroaniline
Concen: 59.115 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 65 Resp: 682263

Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.3	81.5
138	109.6	87.8	131.6



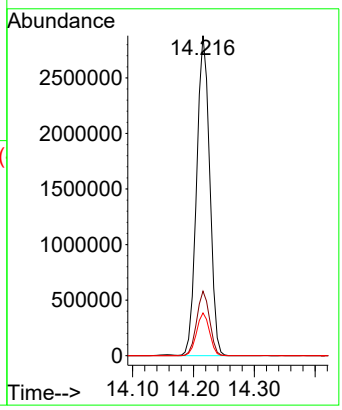


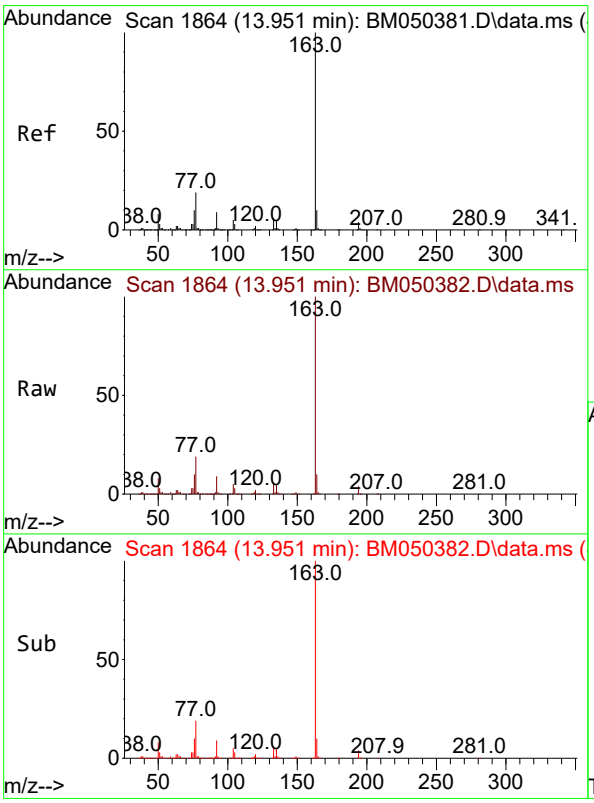
#49
Acenaphthylene
Concen: 54.707 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4274915

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.6	15.8

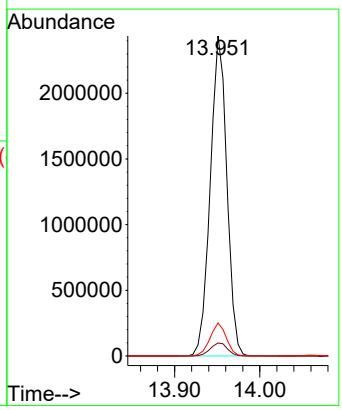


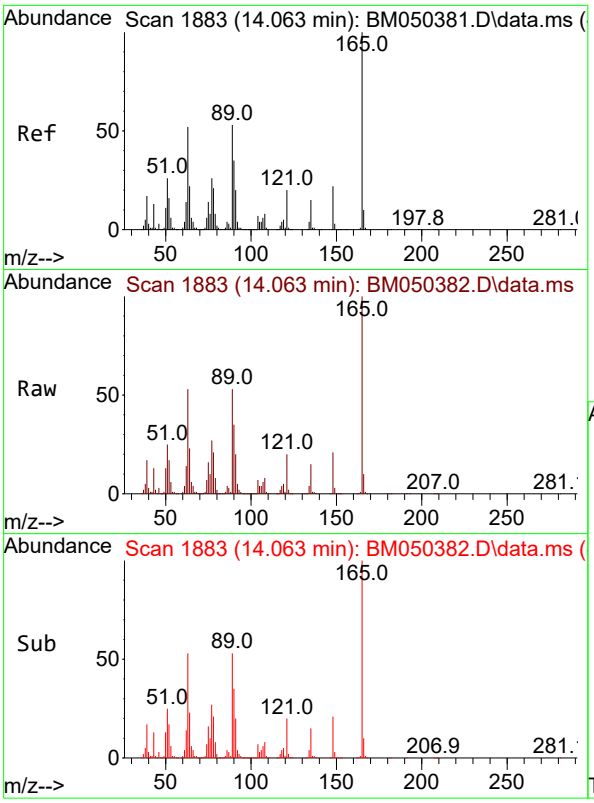


#50
Dimethylphthalate
Concen: 54.681 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:163 Resp: 3290612

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.2	12.2



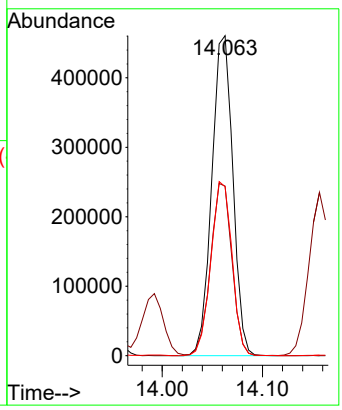


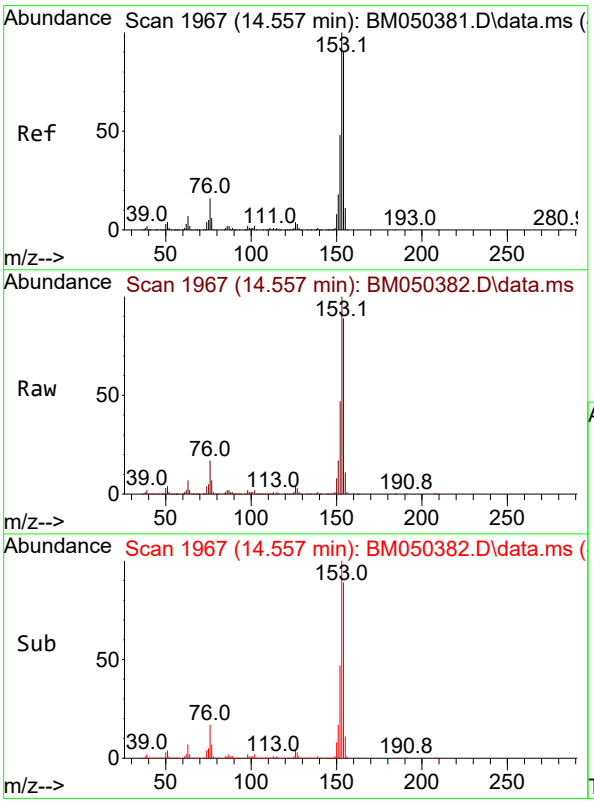
#51
2,6-Dinitrotoluene
Concen: 58.189 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 672335

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.8	42.2	63.2

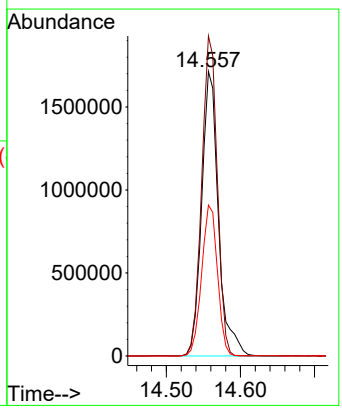


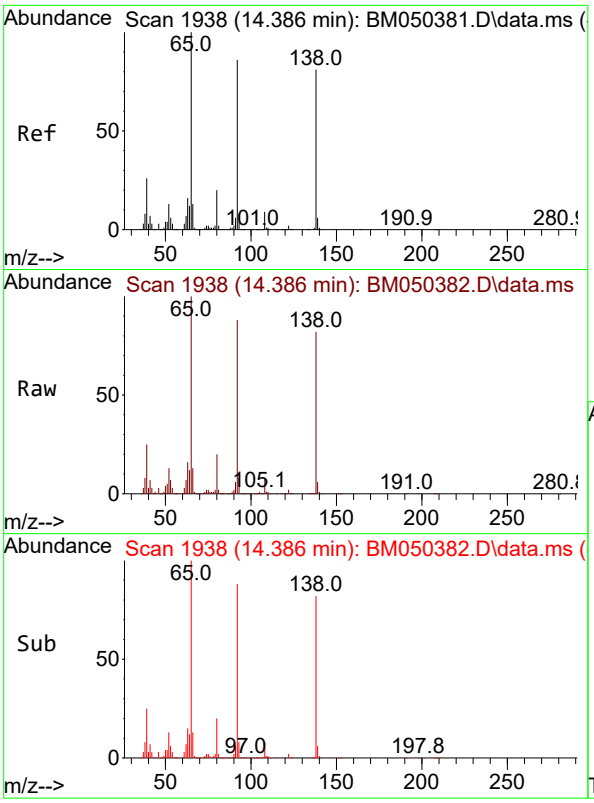


#52
Acenaphthene
Concen: 54.128 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 2689063

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.0	42.6	64.0



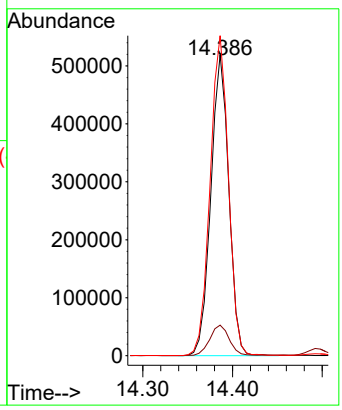


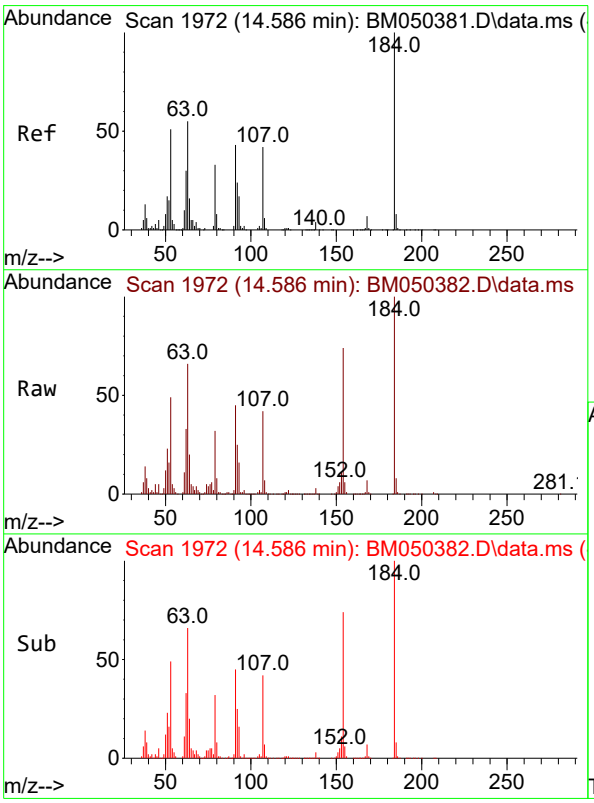
#53
3-Nitroaniline
Concen: 58.770 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 722162

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	106.3	85.0	127.6

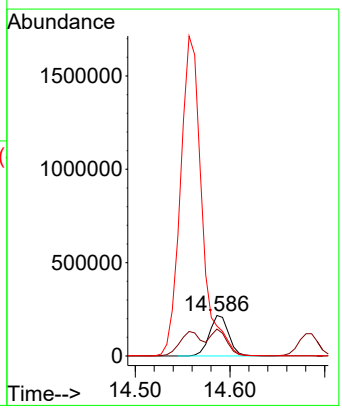


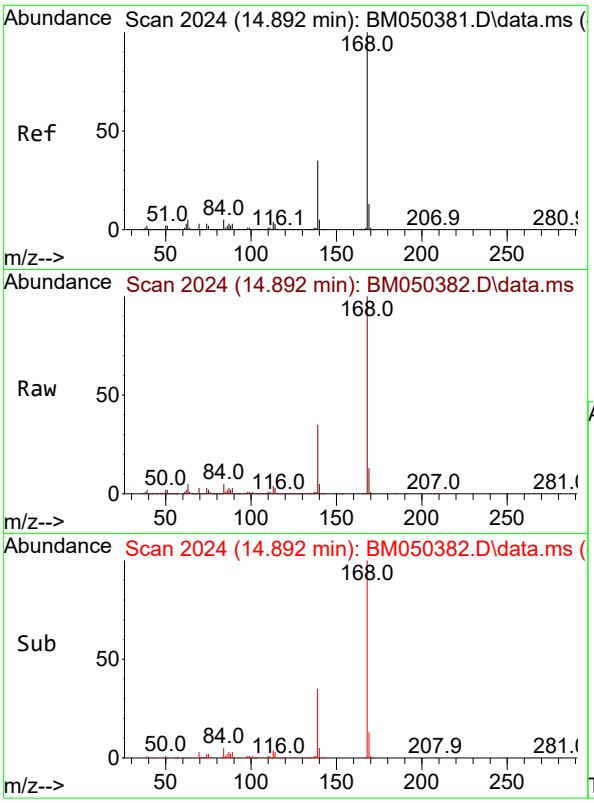


#54
2,4-Dinitrophenol
Concen: 50.427 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:184 Resp: 305096

Ion	Ratio	Lower	Upper
184	100		
63	66.4	53.4	80.0
154	74.1	61.6	92.4



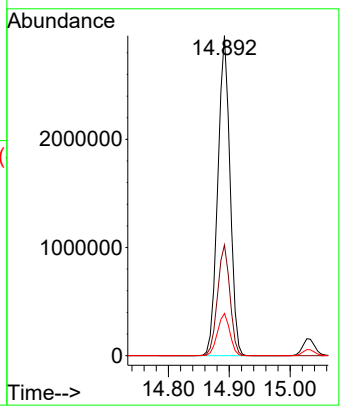


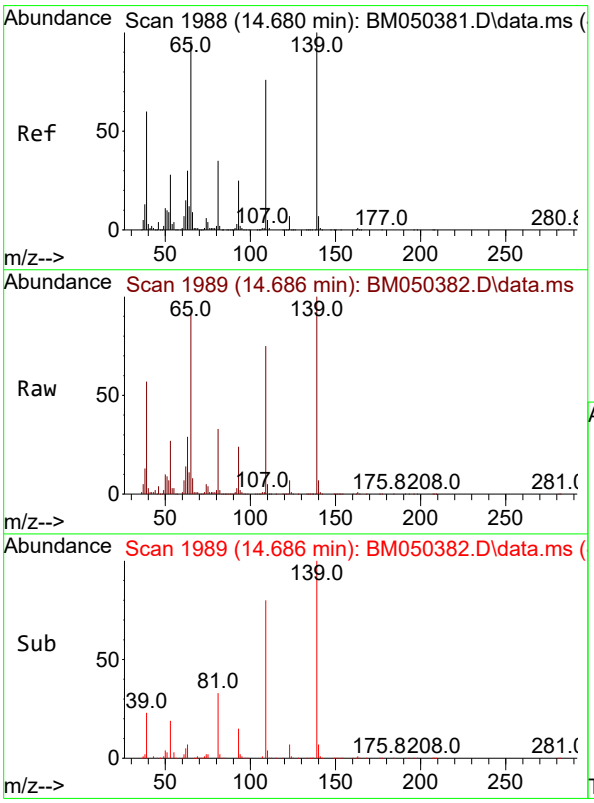
#55
Dibenzofuran
Concen: 53.680 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4109027

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.2	10.7	16.1

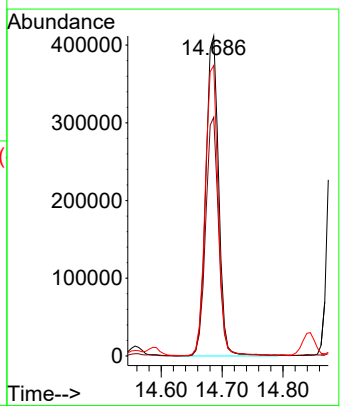


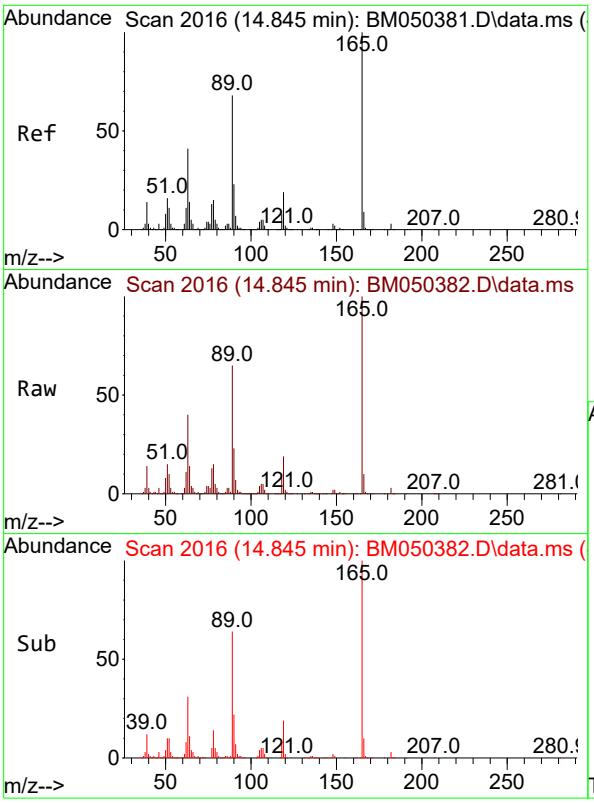


#56
4-Nitrophenol
Concen: 57.060 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 602964

Ion	Ratio	Lower	Upper
139	100		
109	74.6	56.5	96.5
65	90.7	76.4	116.4



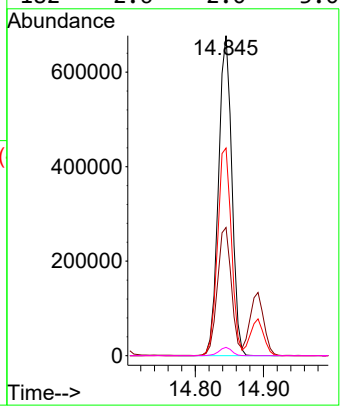


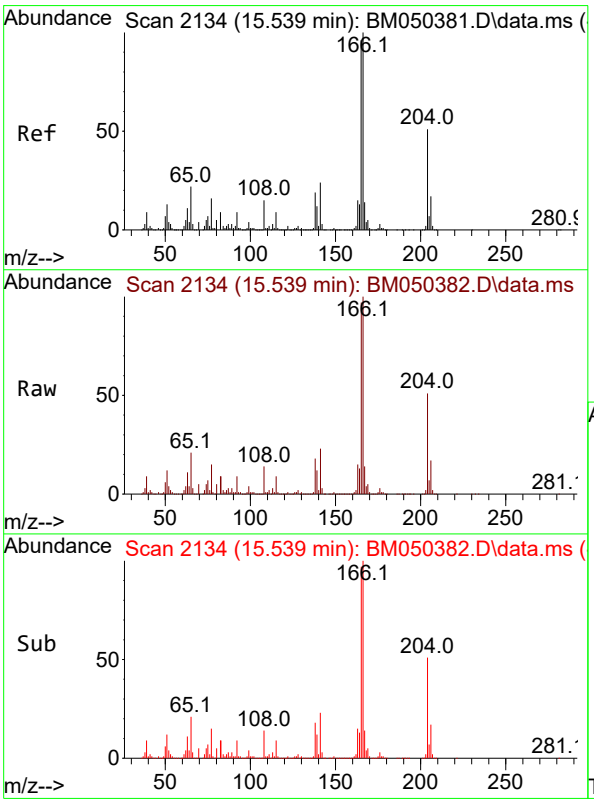
#57
2,4-Dinitrotoluene
Concen: 53.047 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 922804

Ion	Ratio	Lower	Upper
165	100		
63	40.1	32.5	48.7
89	64.9	54.0	81.0
182	2.6	2.0	3.0

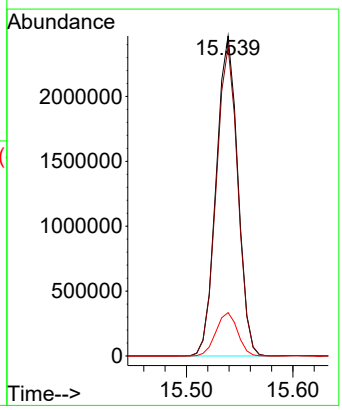


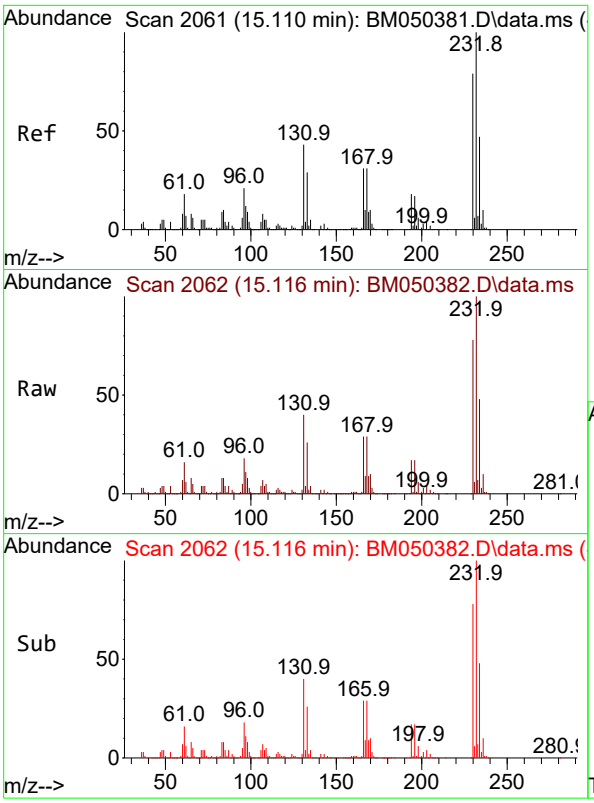


#58
Fluorene
Concen: 54.837 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:166 Resp: 3457484

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.0	115.6
167	13.5	10.9	16.3



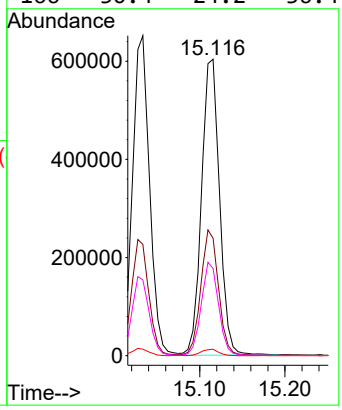


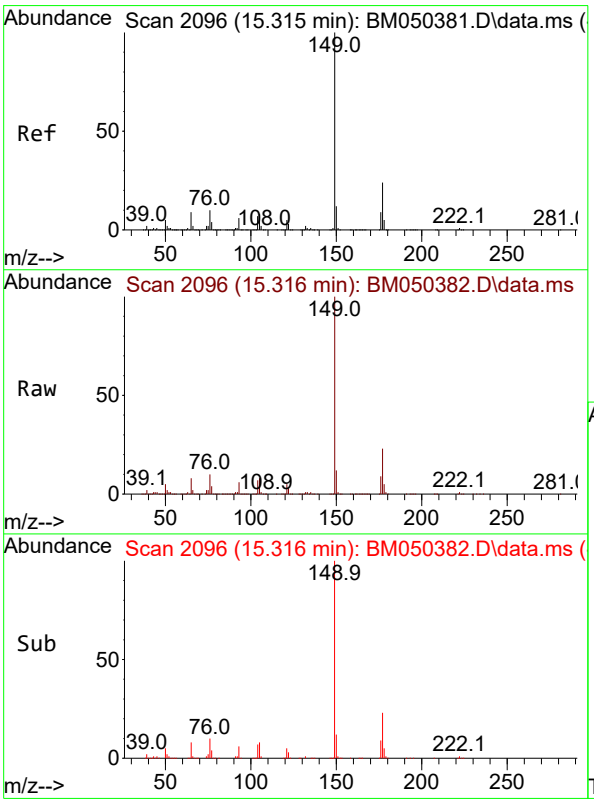
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.275 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 885196

Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.4	50.0
130	2.2	1.8	2.6
166	30.4	24.2	36.4

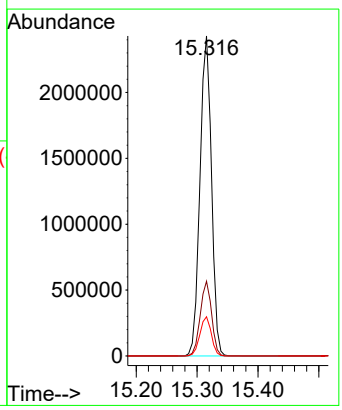


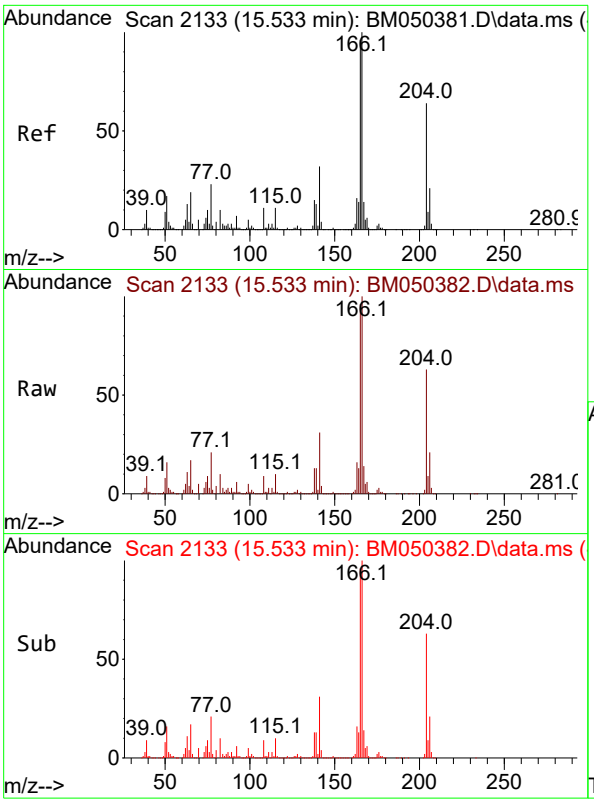


#60
Diethylphthalate
Concen: 55.265 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3176896

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.3	9.8	14.8



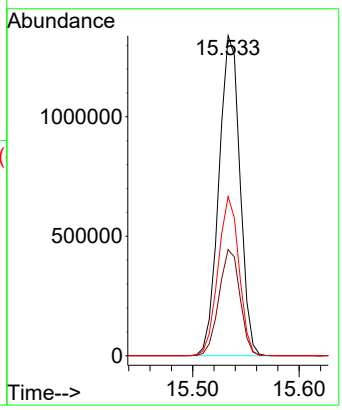


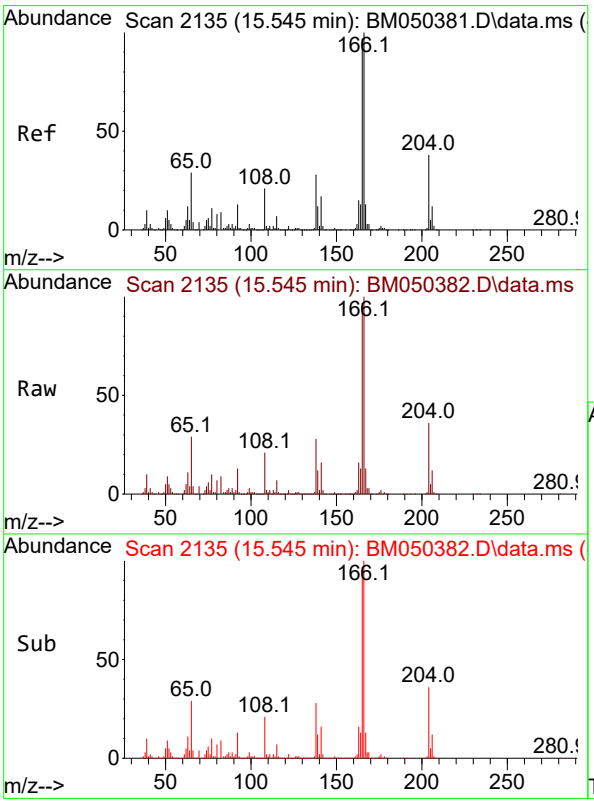
#61
4-Chlorophenyl-phenylether
Concen: 55.637 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1834247

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.7	39.9	59.9

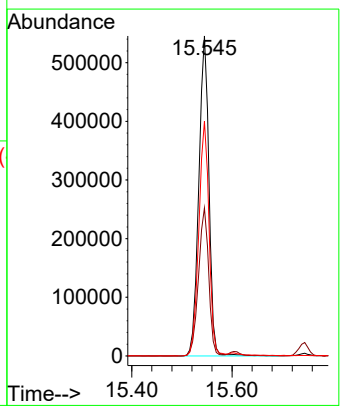


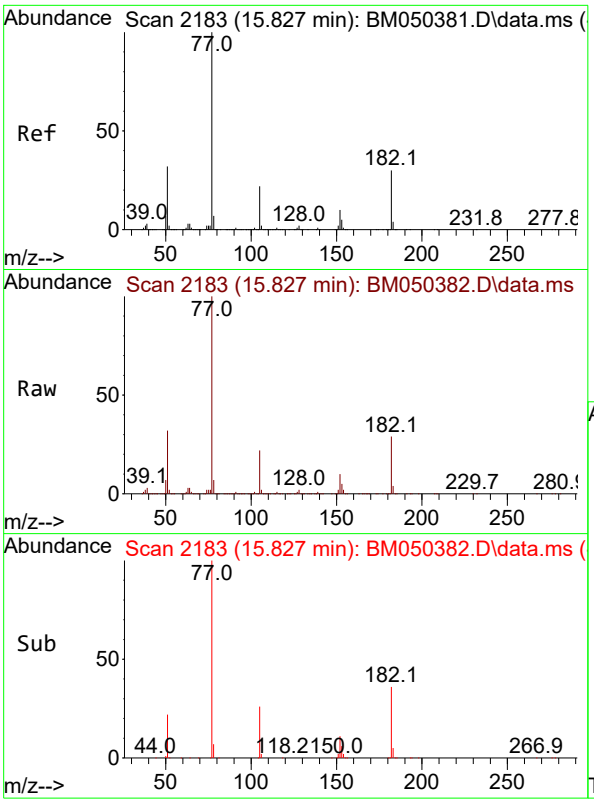


#62
4-Nitroaniline
Concen: 53.869 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:138 Resp: 765716

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	73.4	52.5	92.5



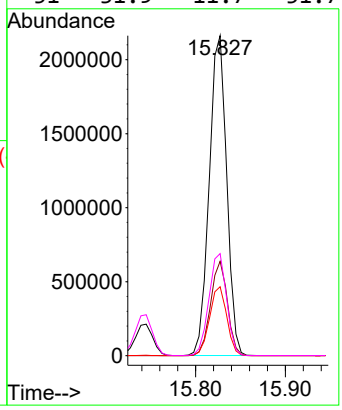


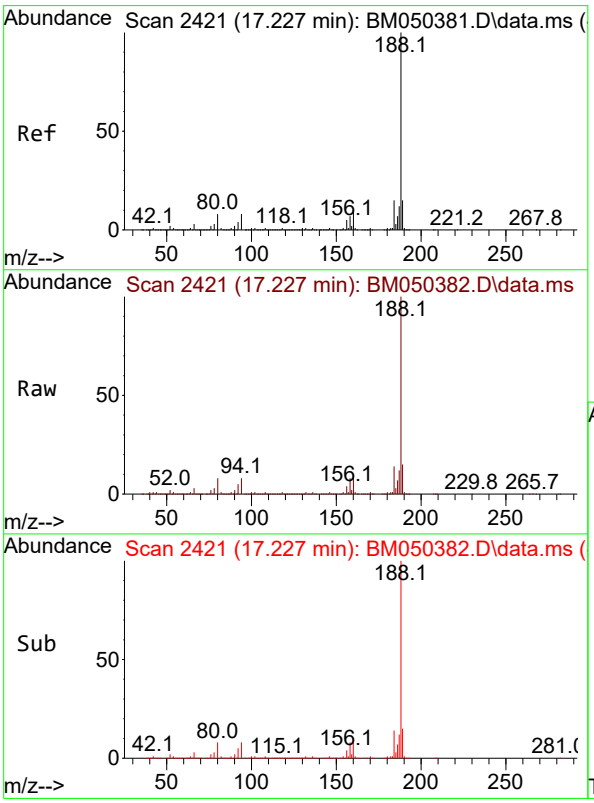
#63
Azobenzene
Concen: 55.274 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2917647

Ion	Ratio	Lower	Upper
77	100		
182	29.5	10.0	50.0
105	21.6	2.0	42.0
51	31.9	11.7	51.7

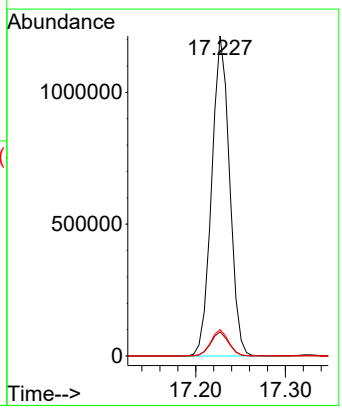


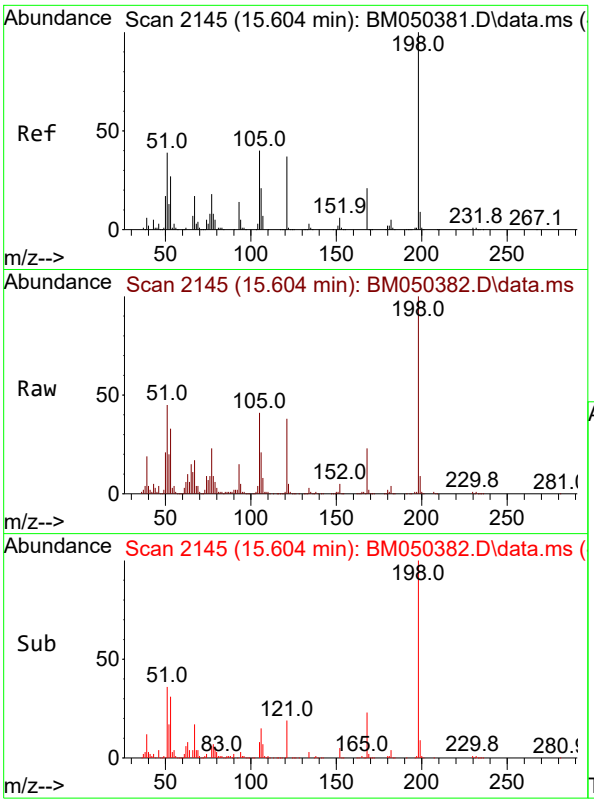


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:188 Resp: 1680679

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.3	6.5	9.7



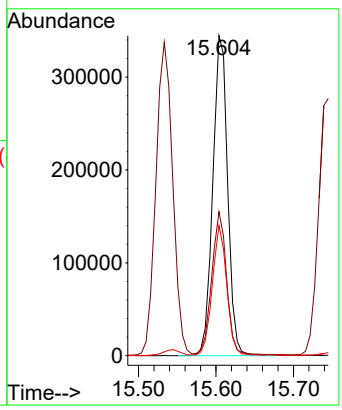


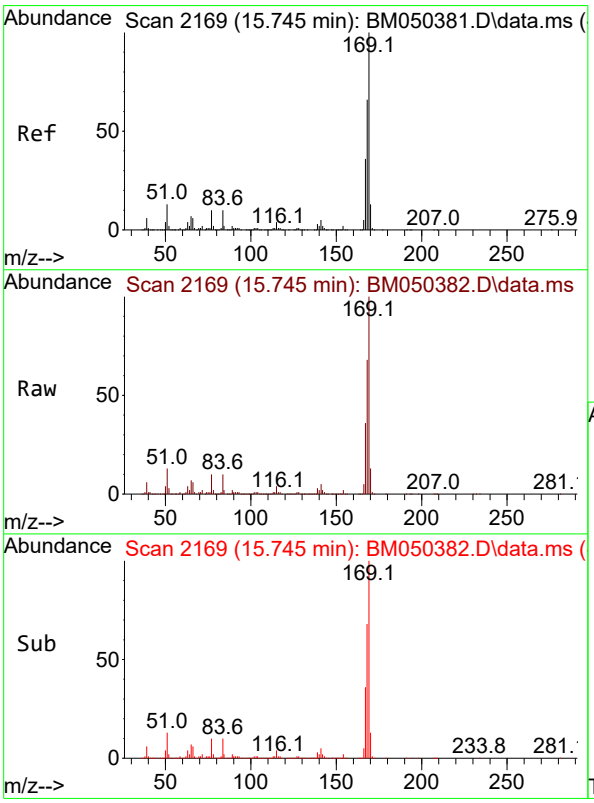
#65
4,6-Dinitro-2-methylphenol
Concen: 50.395 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 458700

Ion	Ratio	Lower	Upper
198	100		
51	45.0	26.6	66.6
105	40.6	20.9	60.9

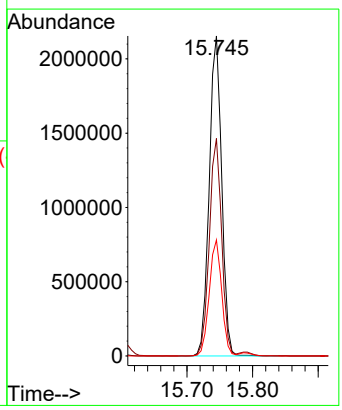


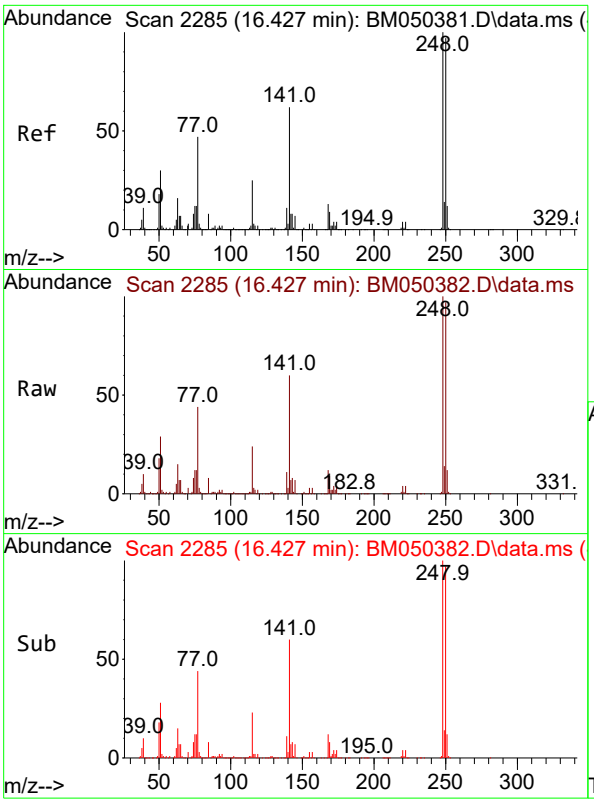


#66
n-Nitrosodiphenylamine
Concen: 54.137 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:169 Resp: 2847134

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	36.3	28.7	43.1



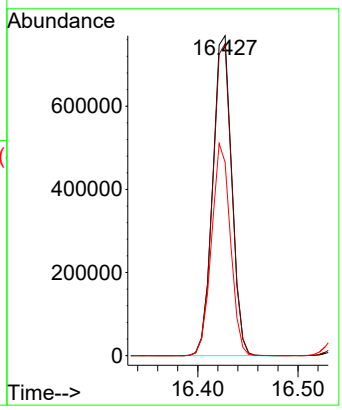


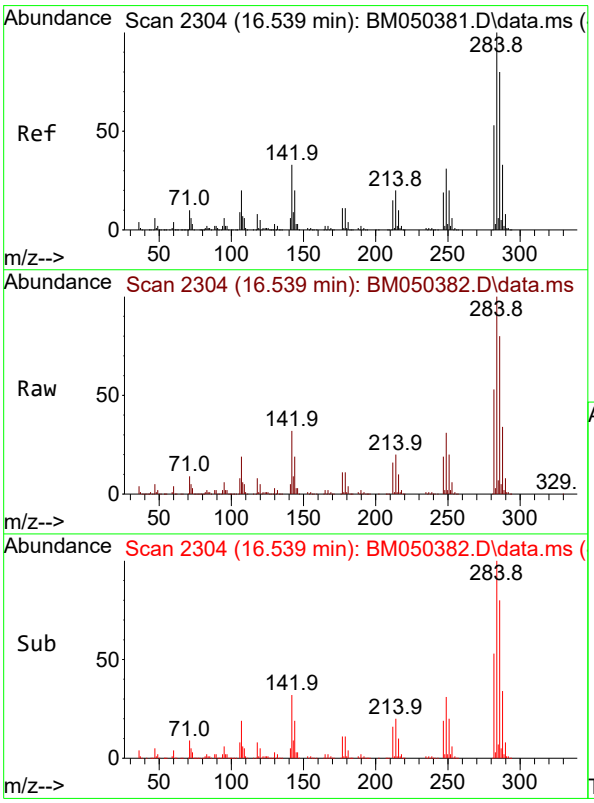
#67
4-Bromophenyl-phenylether
Concen: 54.881 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1016241

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	60.5	49.7	74.5

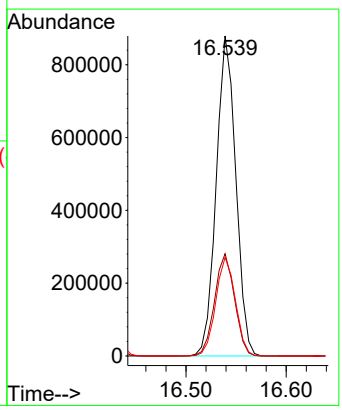


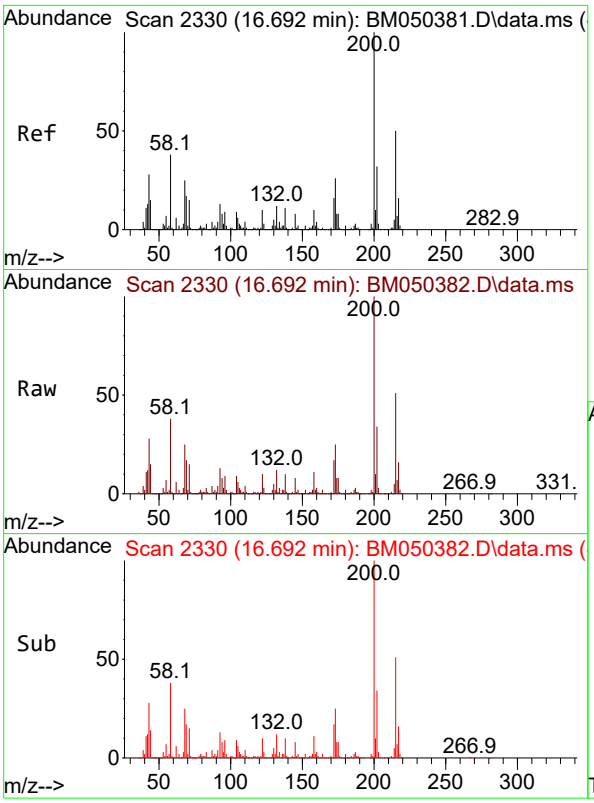


#68
Hexachlorobenzene
Concen: 54.420 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:284 Resp: 1190183

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.8	40.2
249	30.8	24.5	36.7



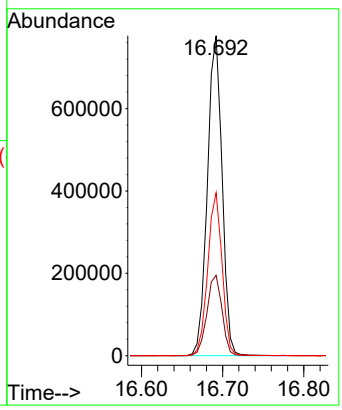


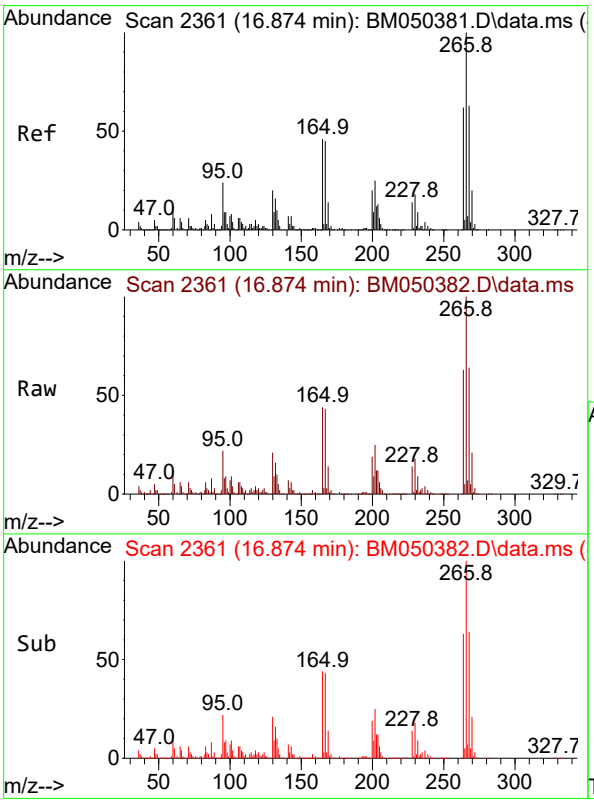
#69
Atrazine
Concen: 56.502 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 975743

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.6	45.6
215	50.9	29.6	69.6

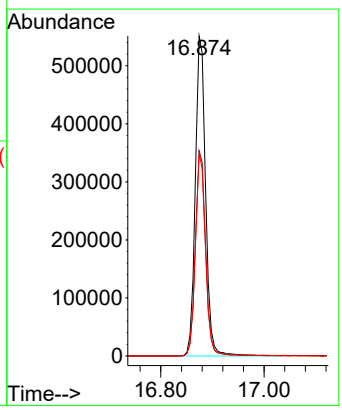


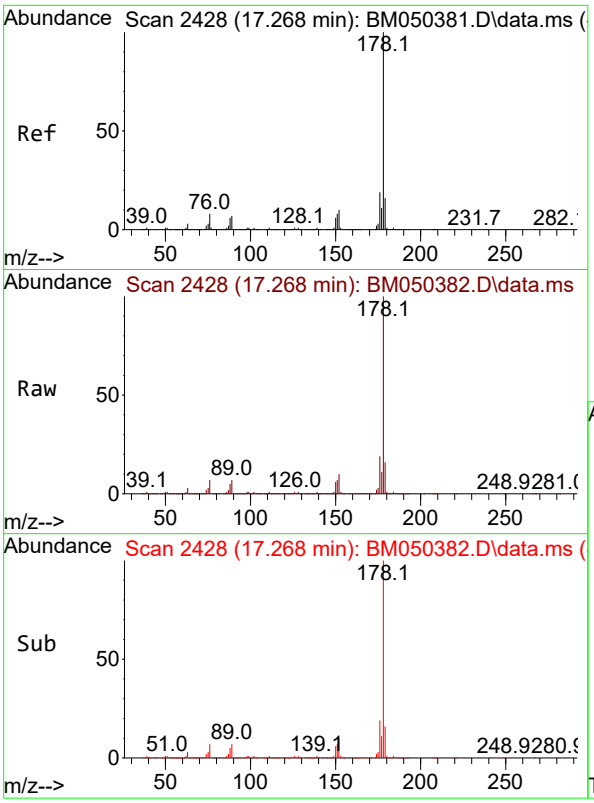


#70
Pentachlorophenol
Concen: 55.986 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:266 Resp: 762216

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.5	75.7
264	63.4	49.9	74.9



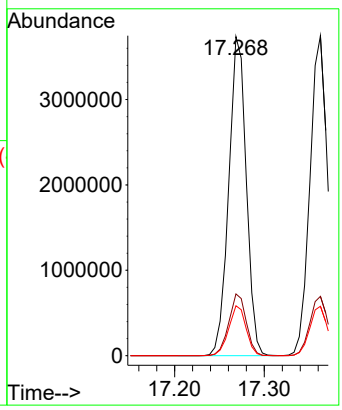


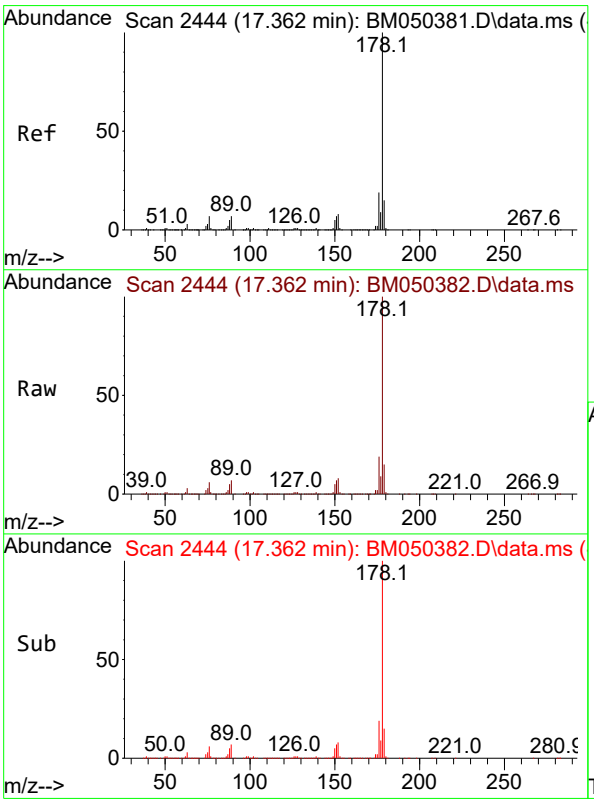
#71
Phenanthrene
Concen: 53.293 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 5068282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.5	18.7

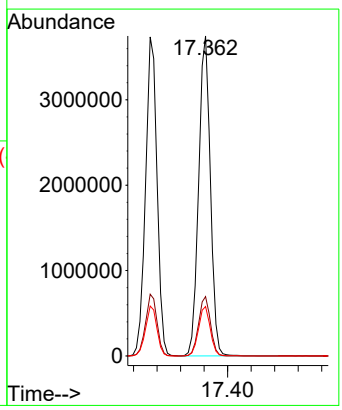


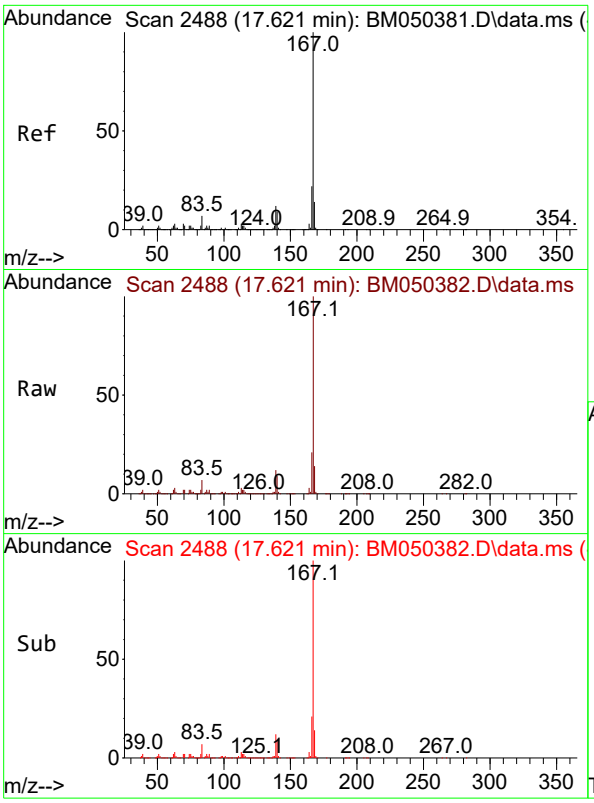


#72
Anthracene
Concen: 54.717 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:178 Resp: 5179830

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.2	18.4



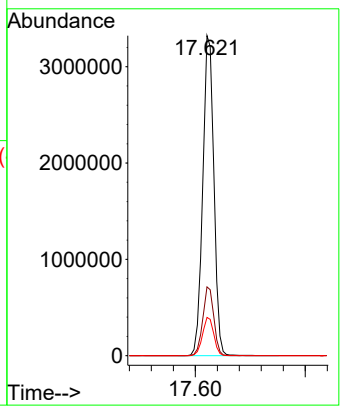


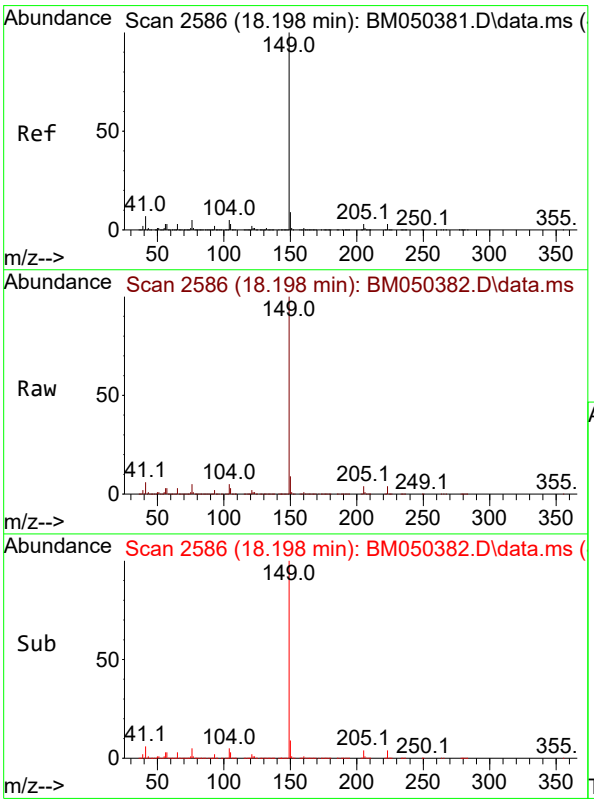
#73
Carbazole
Concen: 54.372 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4657232

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.0	9.9	14.9

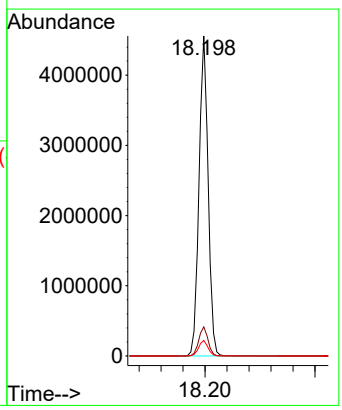


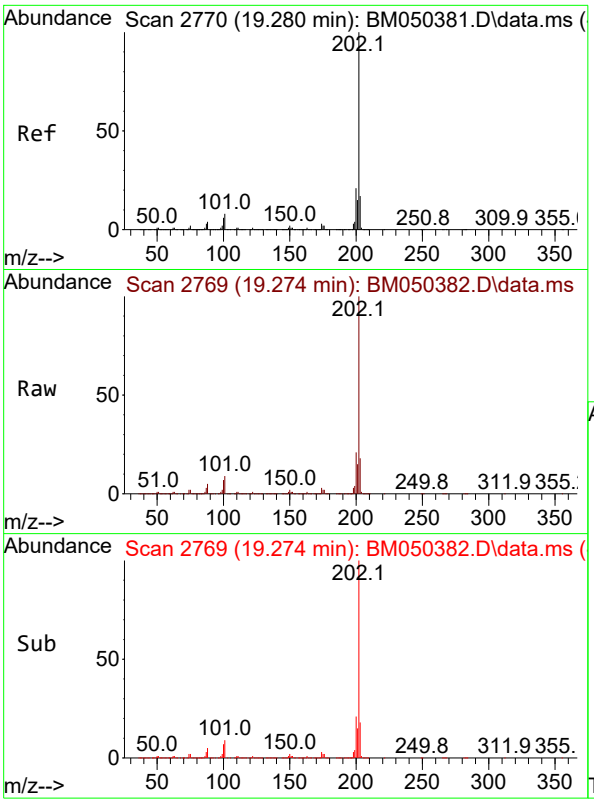


#74
Di-n-butylphthalate
Concen: 56.091 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 5258750

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	3.9	5.9



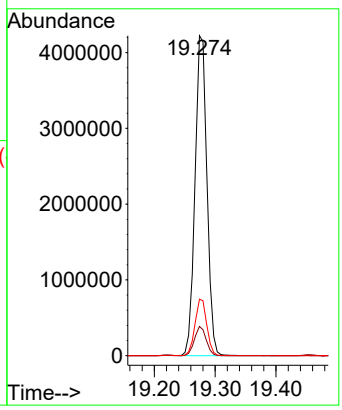


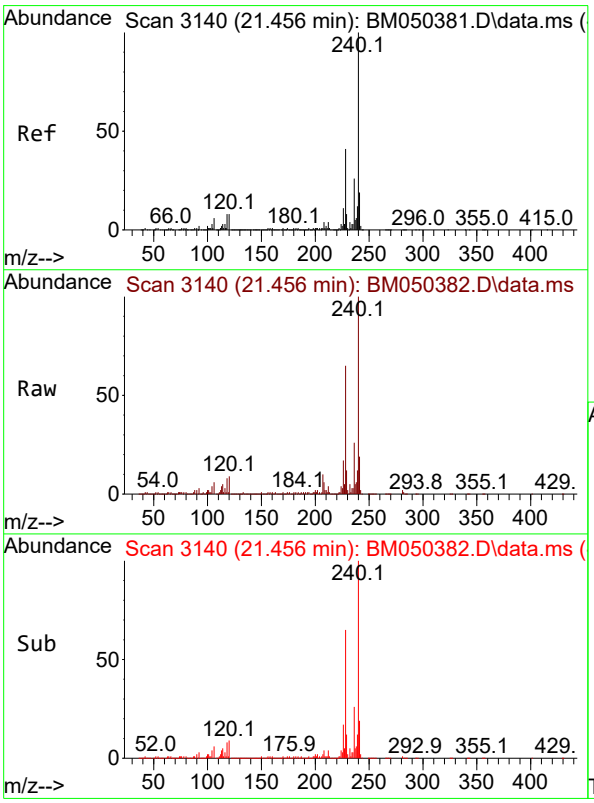
#75
Fluoranthene
Concen: 55.500 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5737944

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.3
203	17.7	0.0	37.2

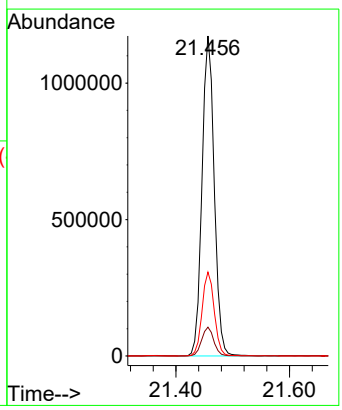


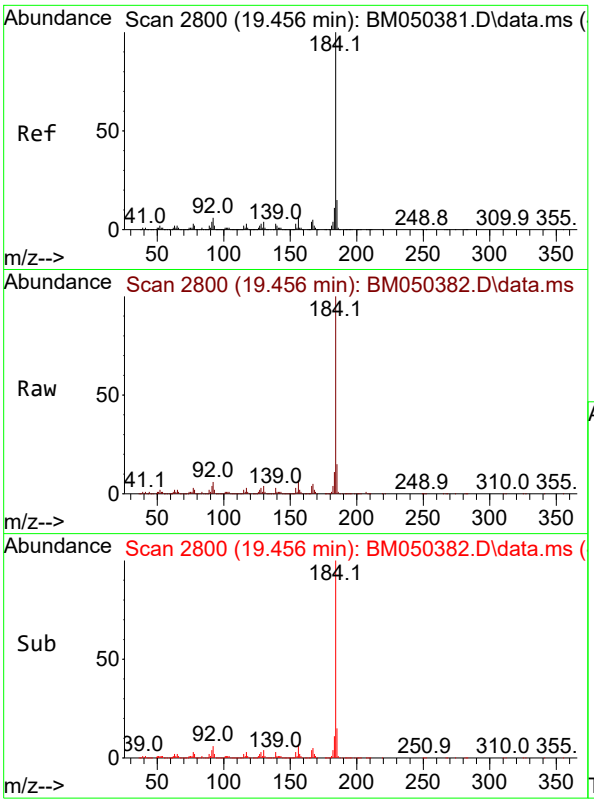


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:240 Resp: 1747476

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	26.2	20.7	31.1



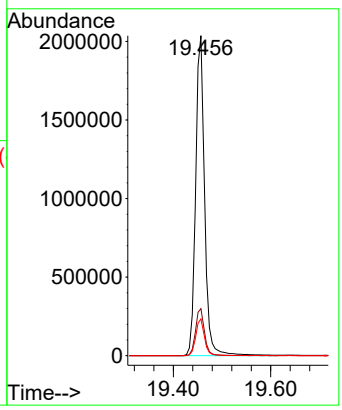


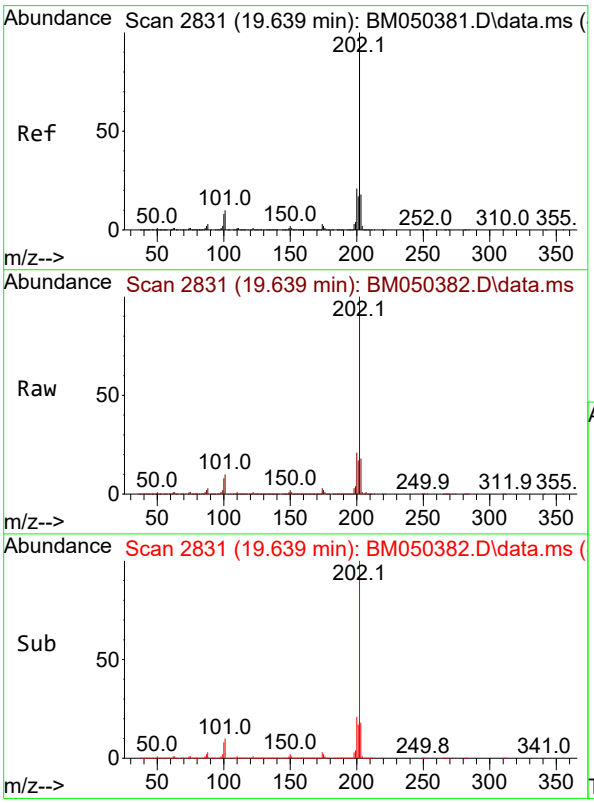
#77
Benzidine
Concen: 58.920 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2626171

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.5	9.0	13.6

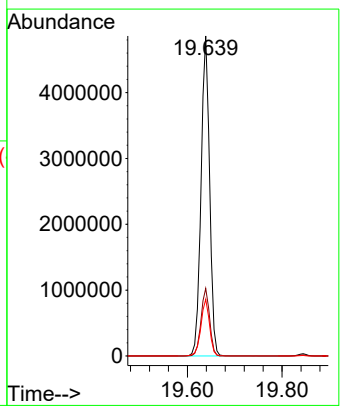


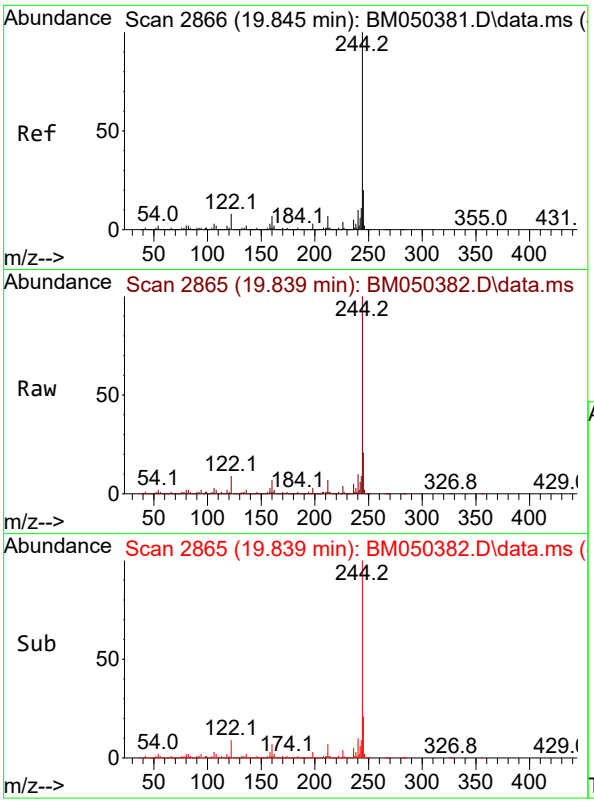


#78
Pyrene
Concen: 54.187 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:202 Resp: 6064476

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.1	21.1



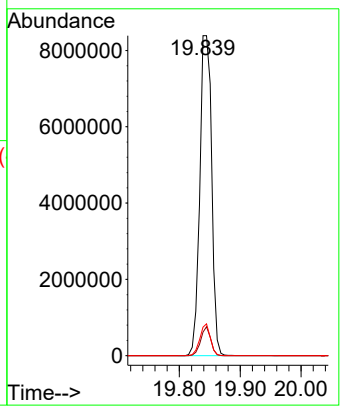


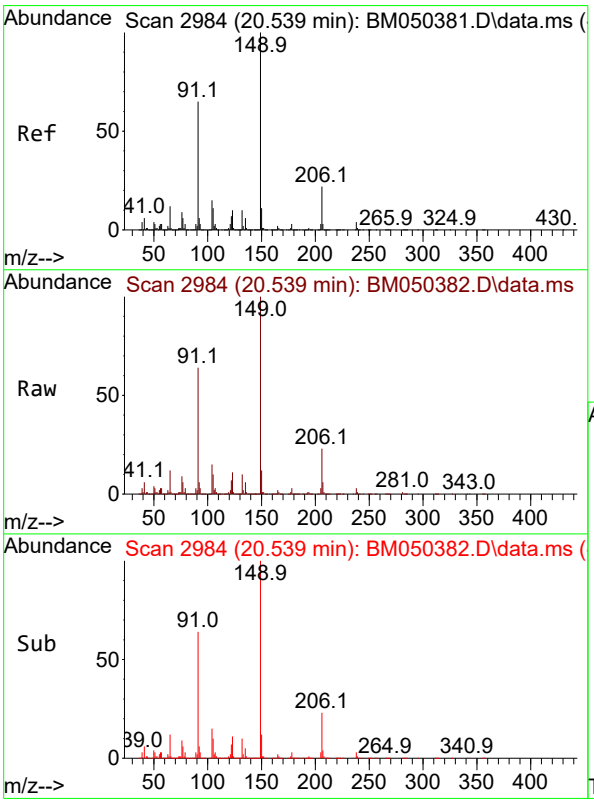
#79
Terphenyl-d14
Concen: 114.147 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:11336982

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.9	6.2	9.2

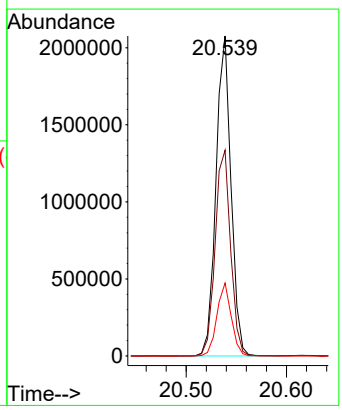


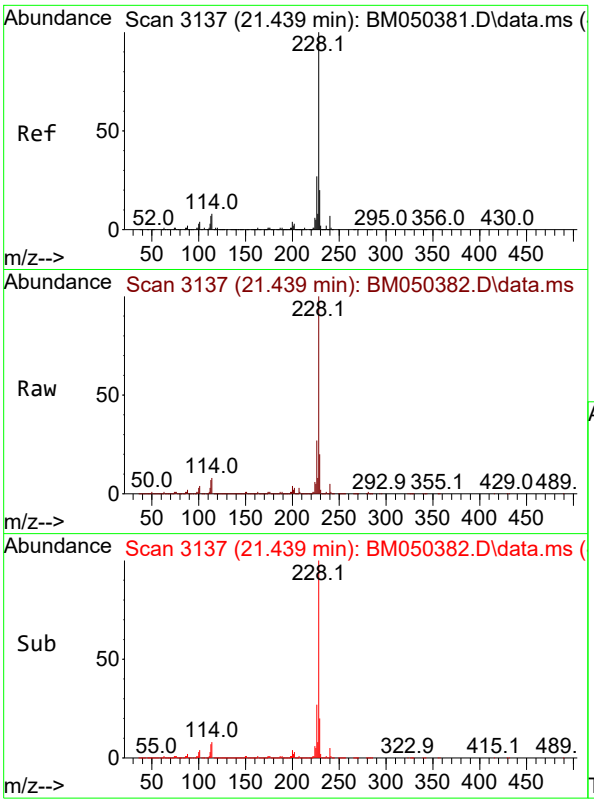


#80
Butylbenzylphthalate
Concen: 58.284 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 2150816

Ion	Ratio	Lower	Upper
149	100		
91	64.3	51.6	77.4
206	22.8	17.8	26.8



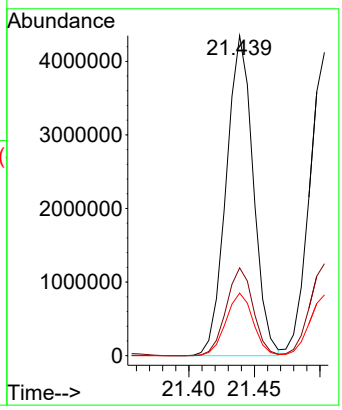


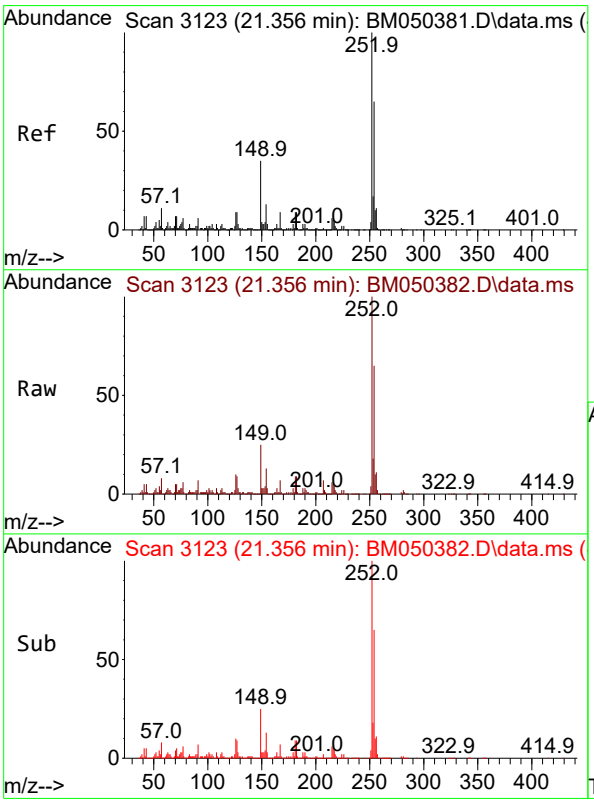
#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6238737

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.6	16.0	24.0

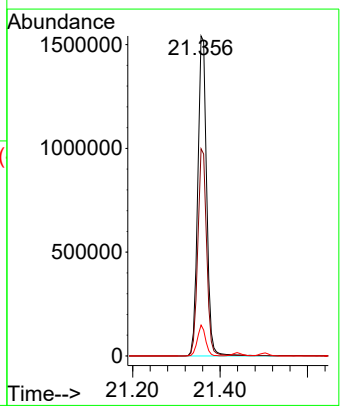


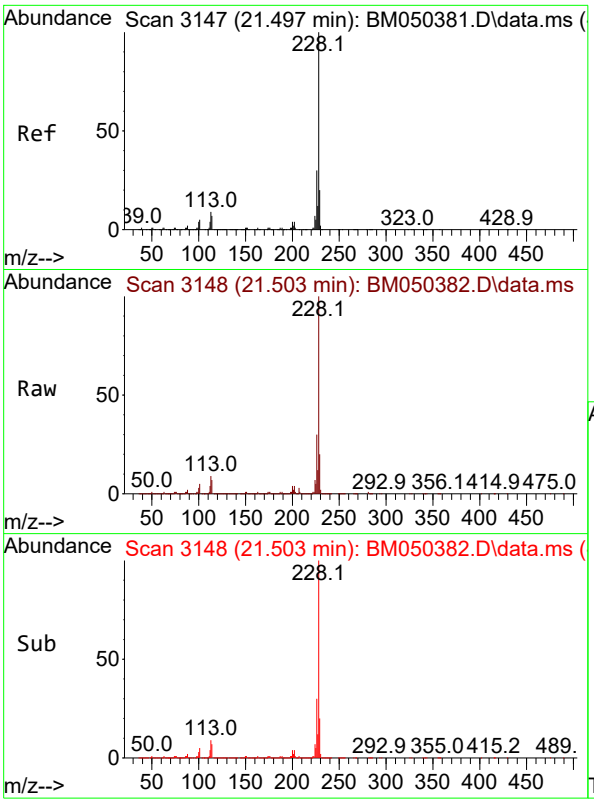


#82
3,3'-Dichlorobenzidine
Concen: 56.690 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 2176770

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.6	7.3	10.9



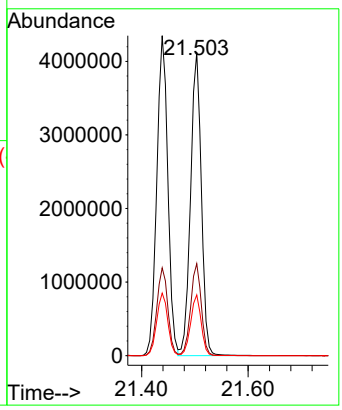


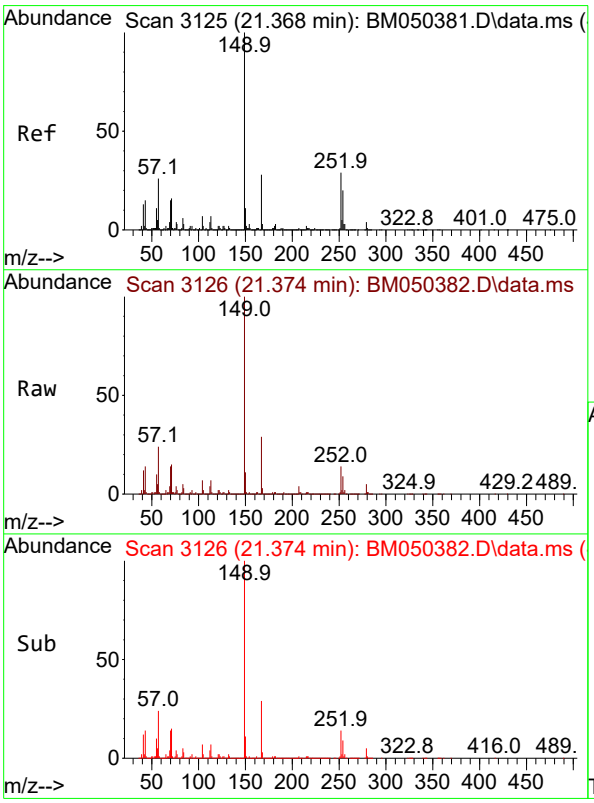
#83
Chrysene
Concen: 53.988 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5797980

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.1	15.8	23.6

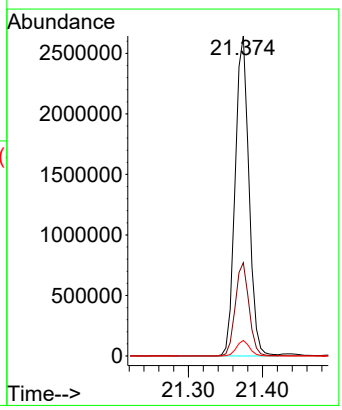


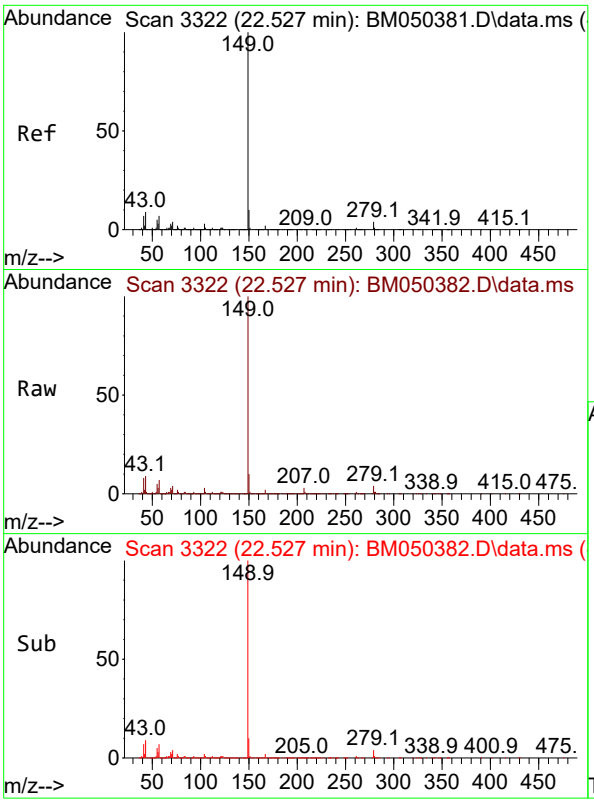


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.166 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3407481

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.9	3.5	5.3



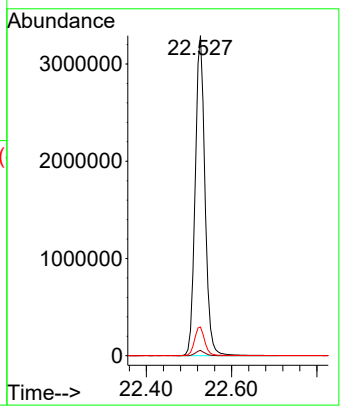


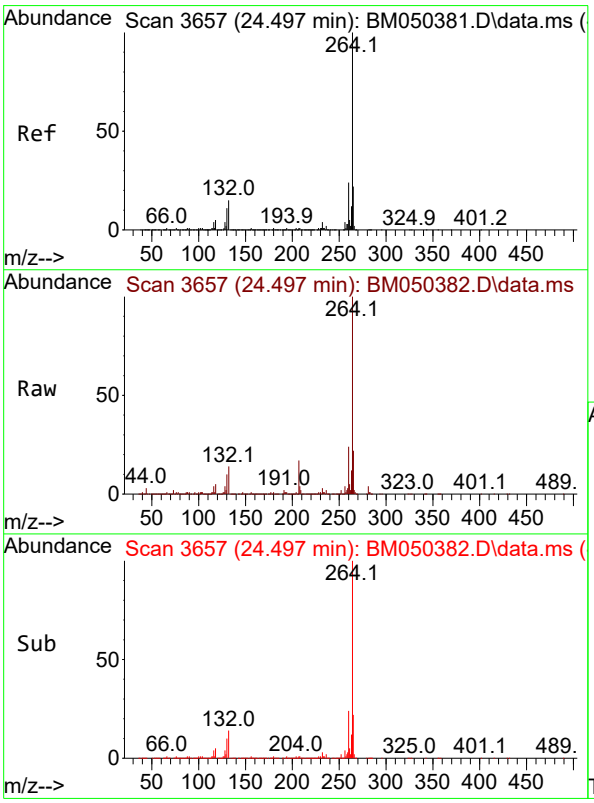
#85
Di-n-octyl phthalate
Concen: 56.816 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5213026

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

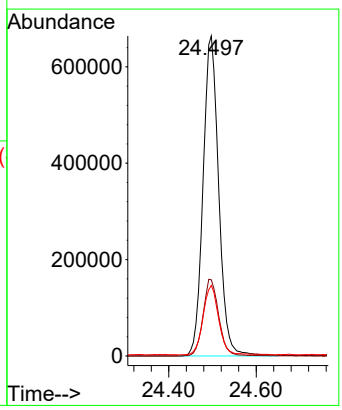


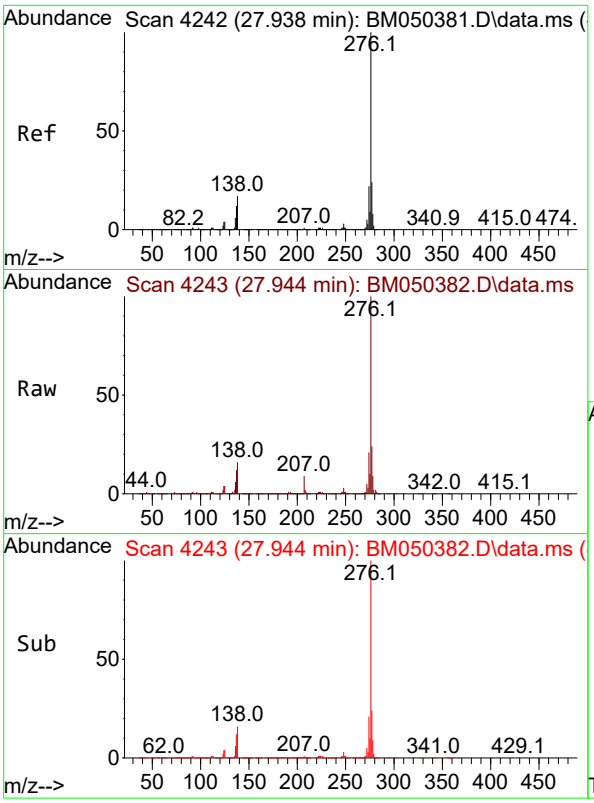


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:264 Resp: 1657543

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.8	26.6



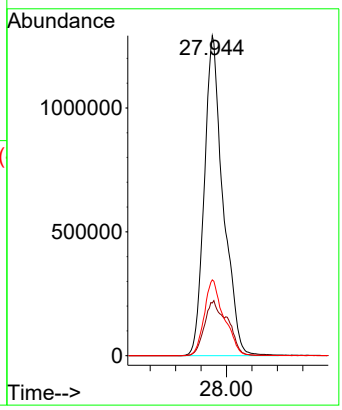


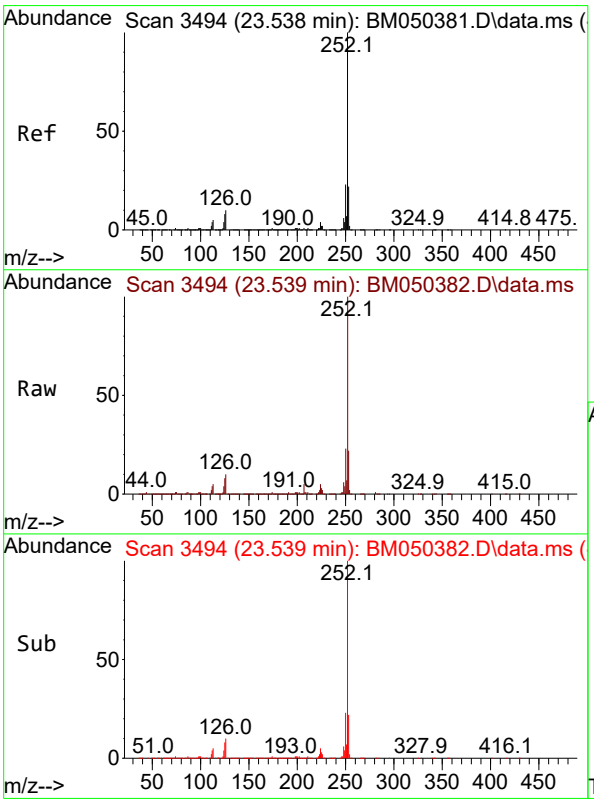
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.349 ng
RT: 27.944 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 6640722

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	24.9	20.0	30.0

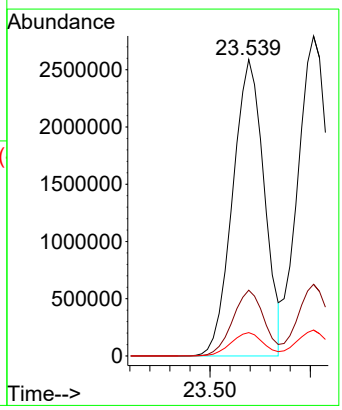


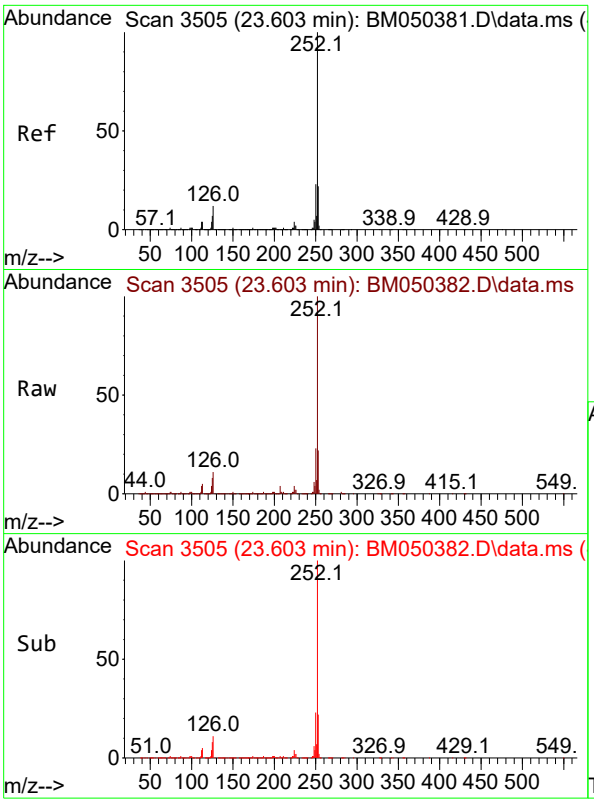


#88
Benzo(b)fluoranthene
Concen: 55.588 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5667484

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



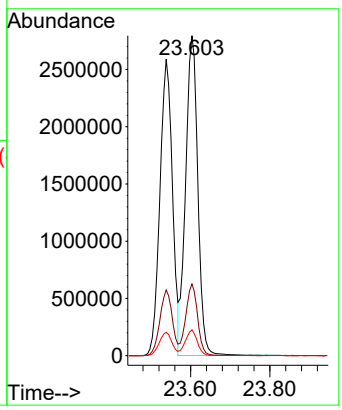


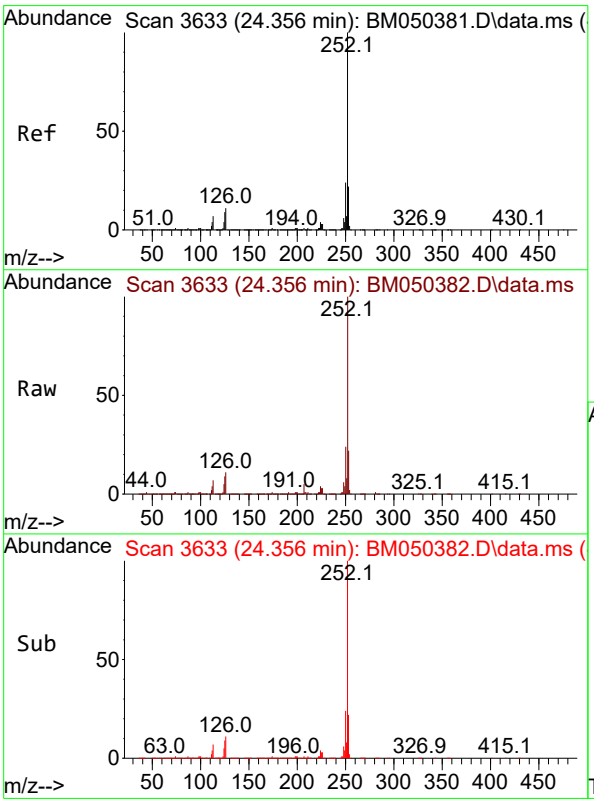
#89
Benzo(k)fluoranthene
Concen: 56.568 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 5984419

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.1	6.2	9.2

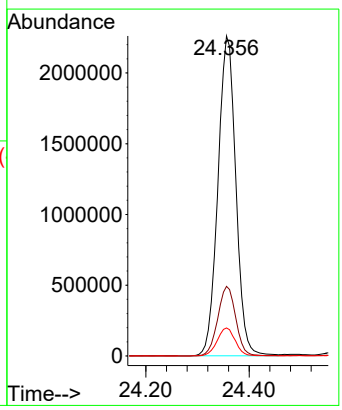


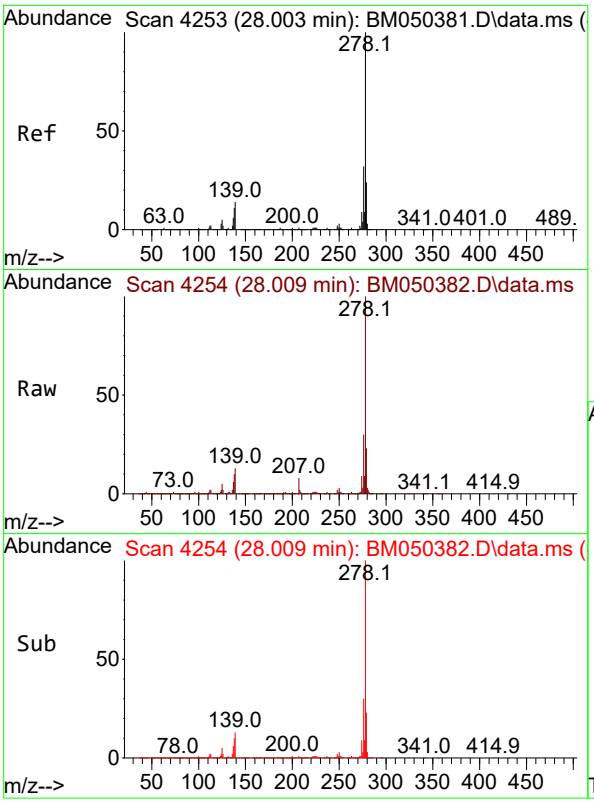


#90
Benzo(a)pyrene
Concen: 57.054 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5445326

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.7	7.0	10.4



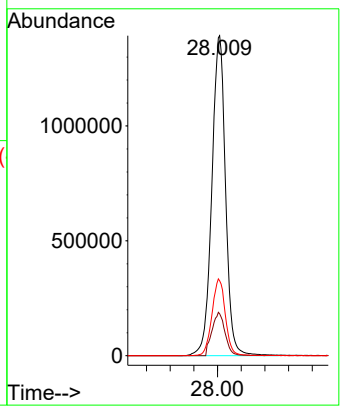


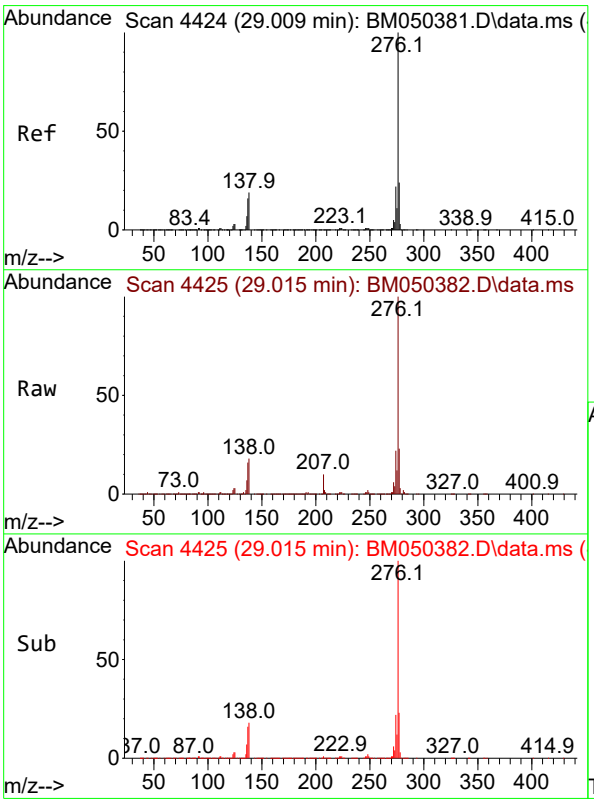
#91
Dibenzo(a,h)anthracene
Concen: 56.460 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 5603613

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

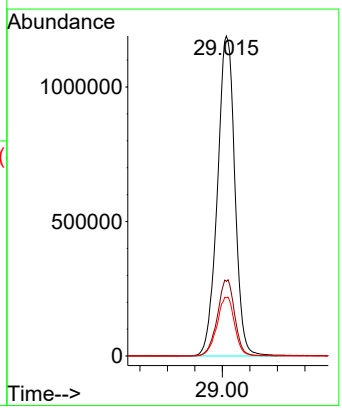




#92
Benzo(g,h,i)perylene
Concen: 55.817 ng
RT: 29.015 min Scan# 4425
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:276 Resp: 5235761

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	18.2	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	406200	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1566187	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	998713	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1896999	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1968054	20.000	ng	0.00
86) Perylene-d12	24.497	264	1889317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2930103	124.166	ng	0.00
7) Phenol-d6	7.028	99	3771036	126.766	ng	0.00
23) Nitrobenzene-d5	9.022	82	3898203	126.983	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1680132	138.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	10167533	125.724	ng	0.00
79) Terphenyl-d14	19.839	244	12914894	115.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	578083	59.574	ng	99
3) Pyridine	3.734	79	1558687	61.184	ng	98
4) n-Nitrosodimethylamine	3.640	42	725301	61.070	ng	98
6) Aniline	7.193	93	2421019	63.416	ng	99
8) 2-Chlorophenol	7.428	128	1585370	63.712	ng	99
9) Benzaldehyde	7.004	77	845390	47.768	ng	99
10) Phenol	7.051	94	1946908	62.748	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1544784	62.169	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1841011	60.846	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1874083	60.660	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1809670	61.182	ng	99
15) Benzyl Alcohol	8.098	79	1328453	63.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2219161	60.631	ng	100
17) 2-Methylphenol	8.304	107	1277440	63.479	ng	98
18) Hexachloroethane	8.951	117	678042	62.403	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	1180119	65.485	ng	96
20) 3+4-Methylphenols	8.634	107	1697411	62.832	ng	98
22) Acetophenone	8.687	105	2408904	61.517	ng	98
24) Nitrobenzene	9.063	77	1702957	62.165	ng	99
25) Isophorone	9.592	82	3190767	64.054	ng	99
26) 2-Nitrophenol	9.775	139	783612	70.186	ng	97
27) 2,4-Dimethylphenol	9.834	122	1490764	62.749	ng	98
28) bis(2-Chloroethoxy)met...	10.075	93	2048832	62.070	ng	99
29) 2,4-Dichlorophenol	10.310	162	1570701	64.353	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	1810982	62.024	ng	99
31) Naphthalene	10.716	128	4834692	60.775	ng	100
32) Benzoic acid	9.975	122	912053	60.734	ng	99
33) 4-Chloroaniline	10.810	127	2130451	63.348	ng	99
34) Hexachlorobutadiene	11.010	225	1123283	63.032	ng	99
35) Caprolactam	11.598	113	438205	65.768	ng	95
36) 4-Chloro-3-methylphenol	11.939	107	1472646	64.612	ng	98
37) 2-Methylnaphthalene	12.322	142	3153595	62.784	ng	98
38) 1-Methylnaphthalene	12.539	142	3322331	62.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2046472	64.436	ng	99
41) Hexachlorocyclopentadiene	12.680	237	1359023	66.942	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1299719	66.483	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1407280	65.913	ng	98
46) 1,1'-Biphenyl	13.333	154	4574537	61.736	ng	100
47) 2-Chloronaphthalene	13.375	162	3645124	61.699	ng	99
48) 2-Nitroaniline	13.563	65	904021	68.554	ng	98
49) Acenaphthylene	14.216	152	5618754	62.931	ng	99
50) Dimethylphthalate	13.957	163	4291046	62.407	ng	99
51) 2,6-Dinitrotoluene	14.063	165	891260	67.510	ng	99
52) Acenaphthene	14.557	154	3582059	63.105	ng	100
53) 3-Nitroaniline	14.386	138	957239	68.179	ng	98
54) 2,4-Dinitrophenol	14.592	184	439445	61.898	ng	85
55) Dibenzofuran	14.892	168	5344109	61.102	ng	100
56) 4-Nitrophenol	14.686	139	794516	65.804	ng	95
57) 2,4-Dinitrotoluene	14.845	165	1218665	60.887	ng	98
58) Fluorene	15.539	166	4560797	63.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1189838	66.202	ng	99
60) Diethylphthalate	15.316	149	4130183	62.882	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2430909	64.533	ng	98
62) 4-Nitroaniline	15.545	138	991212	60.686	ng	99
63) Azobenzene	15.827	77	3812033	63.206	ng	100
65) 4,6-Dinitro-2-methylph...	15.610	198	645034	61.235	ng	91
66) n-Nitrosodiphenylamine	15.745	169	3744872	63.087	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1368680	65.485	ng	99
68) Hexachlorobenzene	16.539	284	1586965	64.288	ng	98
69) Atrazine	16.692	200	1296405	66.510	ng	100
70) Pentachlorophenol	16.880	266	1022433	66.535	ng	99
71) Phenanthrene	17.268	178	6618592	61.658	ng	100
72) Anthracene	17.363	178	6849285	64.102	ng	100
73) Carbazole	17.627	167	6106388	63.161	ng	99
74) Di-n-butylphthalate	18.198	149	6920453	65.398	ng	100
75) Fluoranthene	19.280	202	7618952	65.290	ng	99
77) Benzidine	19.456	184	3256422	64.872	ng	100
78) Pyrene	19.639	202	8067941	64.009	ng	100
80) Butylbenzylphthalate	20.533	149	2900200	69.782	ng	97
81) Benzo(a)anthracene	21.439	228	8142088	63.495	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2878037	66.553	ng	100
83) Chrysene	21.503	228	7690956	63.587	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	4504059	68.268	ng	98
85) Di-n-octyl phthalate	22.521	149	7047940	68.206	ng	99
87) Indeno(1,2,3-cd)pyrene	27.950	276	8866549	66.007	ng	99
88) Benzo(b)fluoranthene	23.539	252	7617485	65.548	ng	99
89) Benzo(k)fluoranthene	23.603	252	7861158	65.192	ng	100
90) Benzo(a)pyrene	24.356	252	7260855	66.744	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	7483970	66.155	ng	99
92) Benzo(g,h,i)perylene	29.021	276	6983867	65.319	ng	99

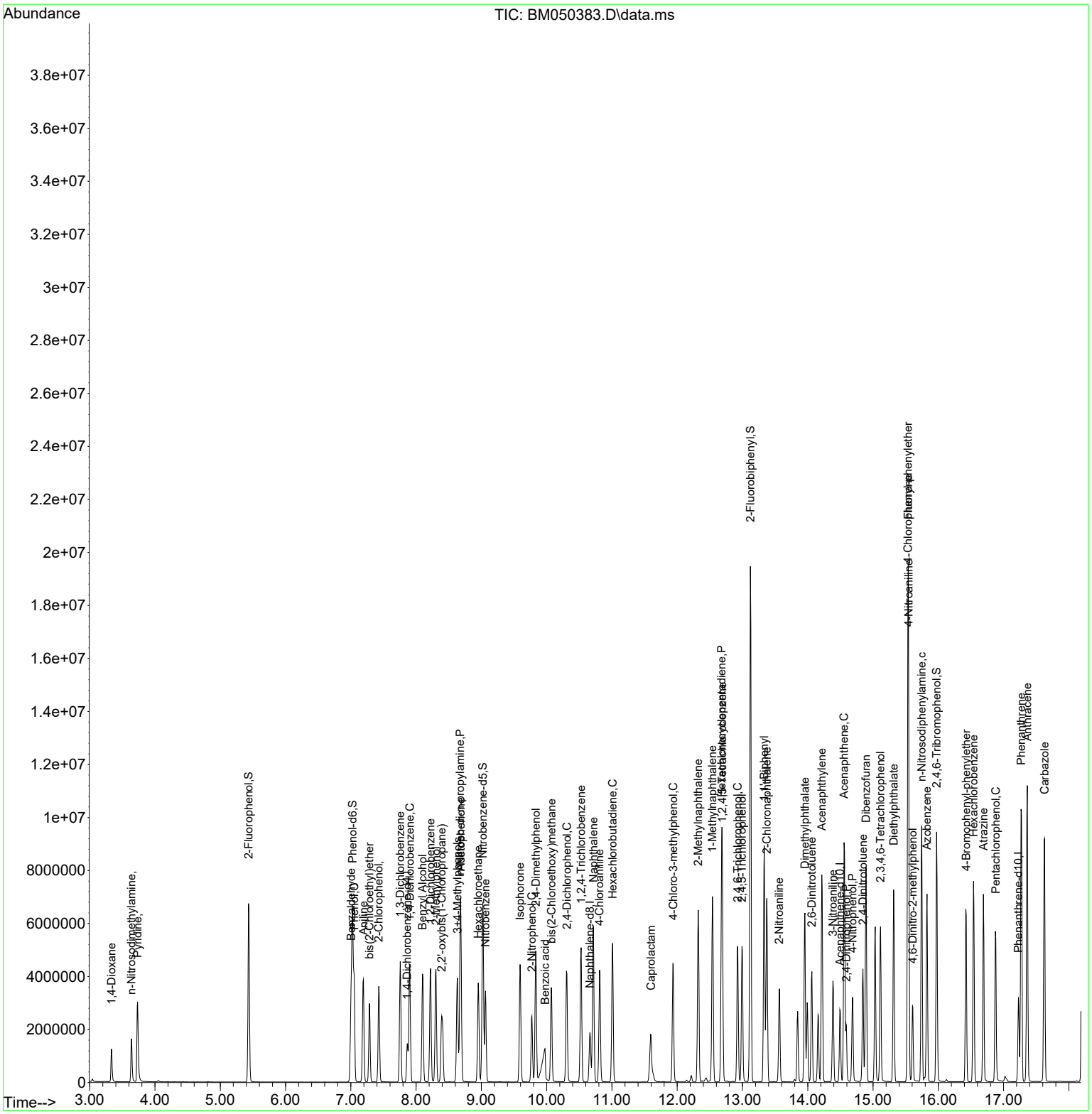
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

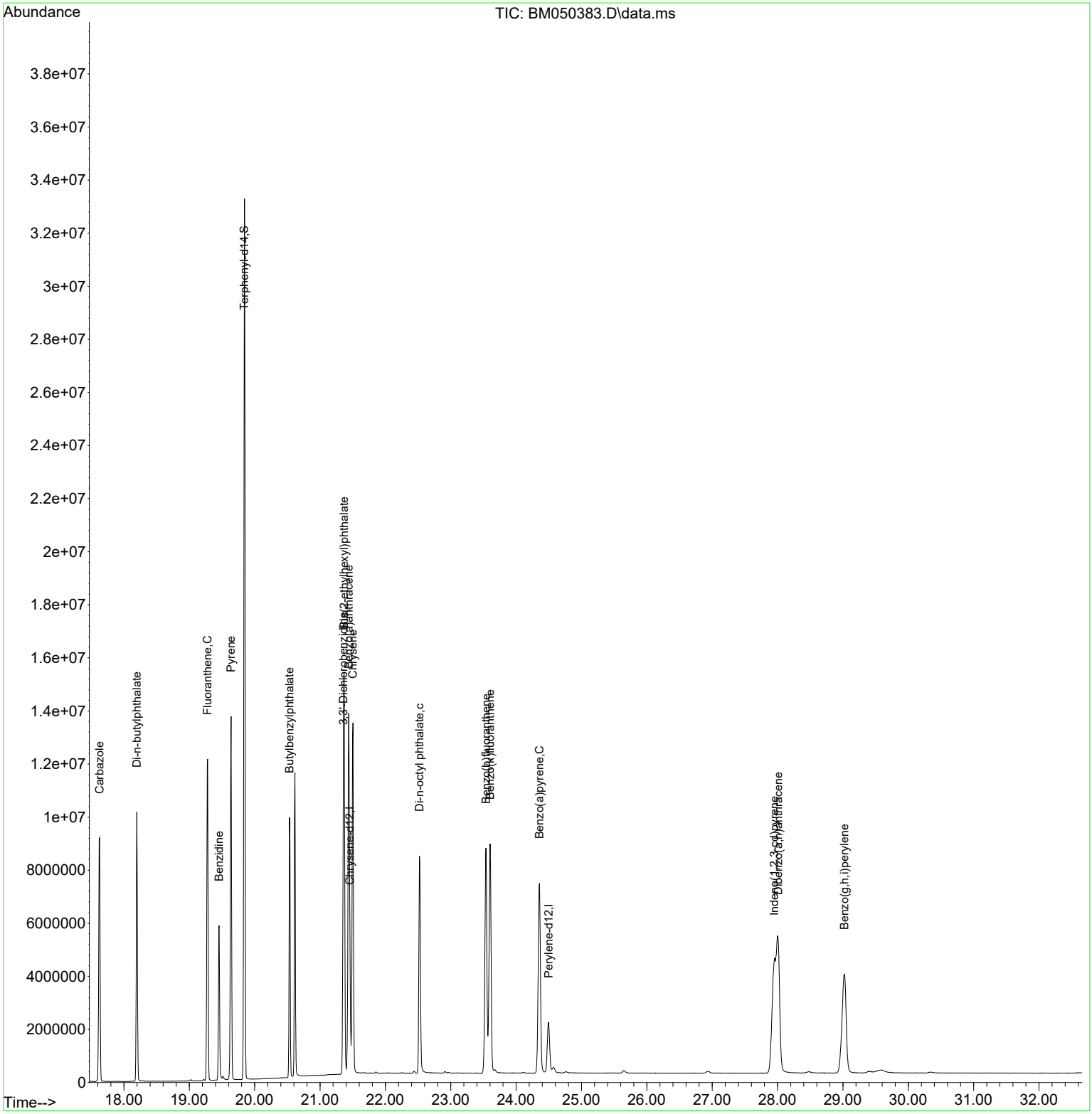


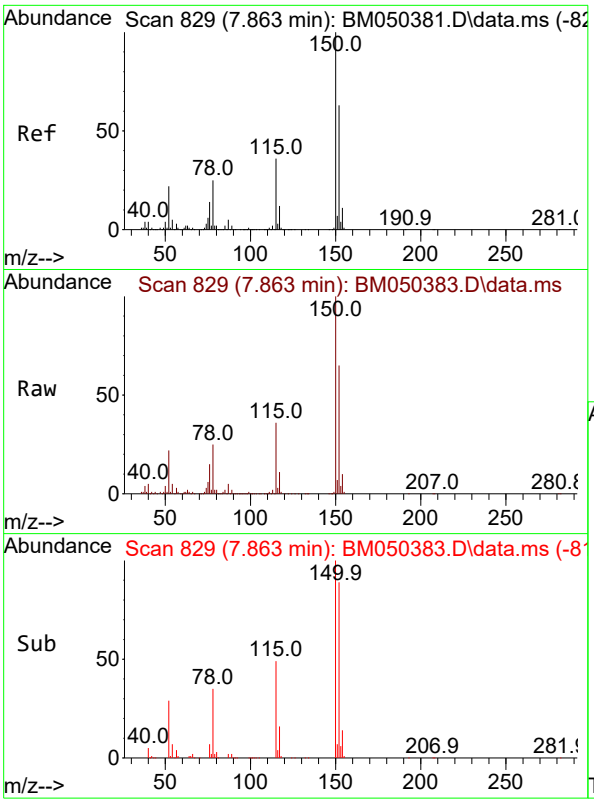
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



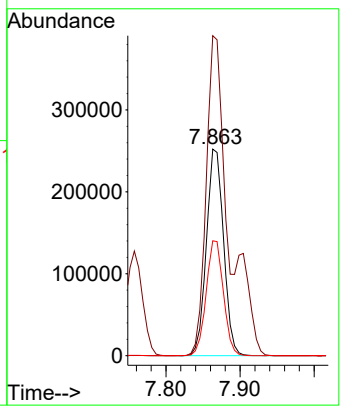


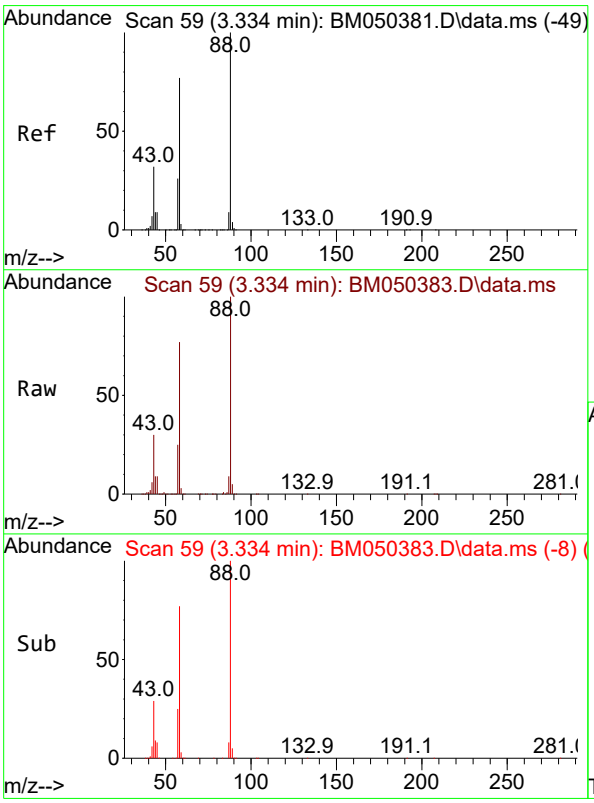
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 406200

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.6	45.8	68.8

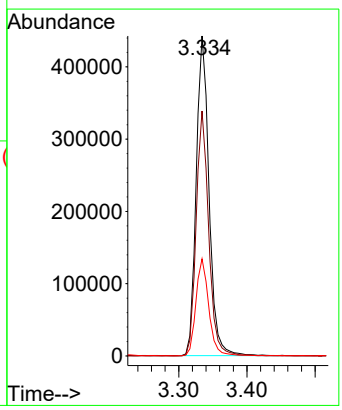


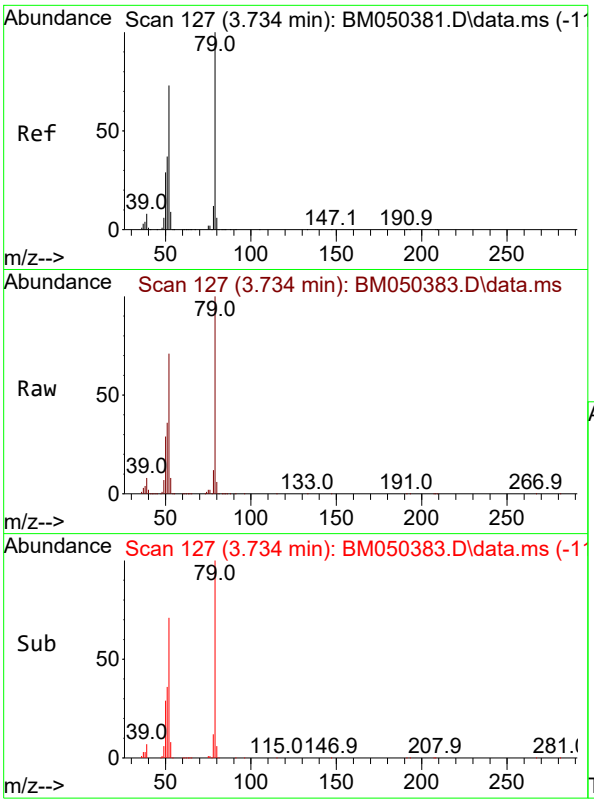


#2
1,4-Dioxane
Concen: 59.574 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 88 Resp: 578083

Ion	Ratio	Lower	Upper
88	100		
58	75.0	61.0	91.6
43	30.3	24.6	37.0



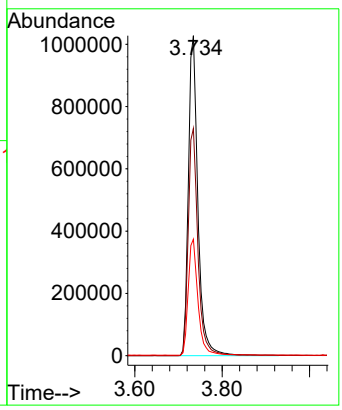


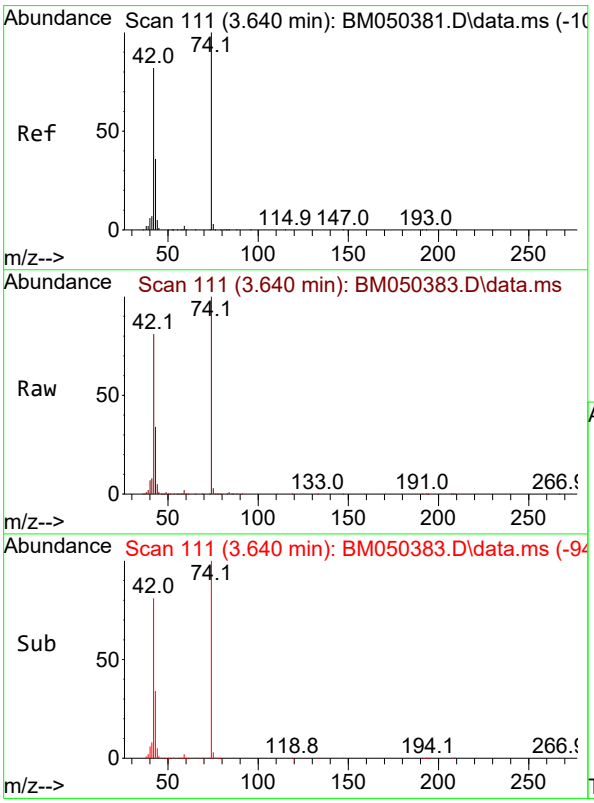
#3
Pyridine
Concen: 61.184 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1558687

Ion	Ratio	Lower	Upper
79	100		
52	71.0	58.3	87.5
51	36.4	29.6	44.4

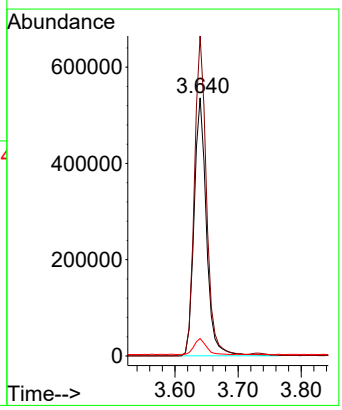


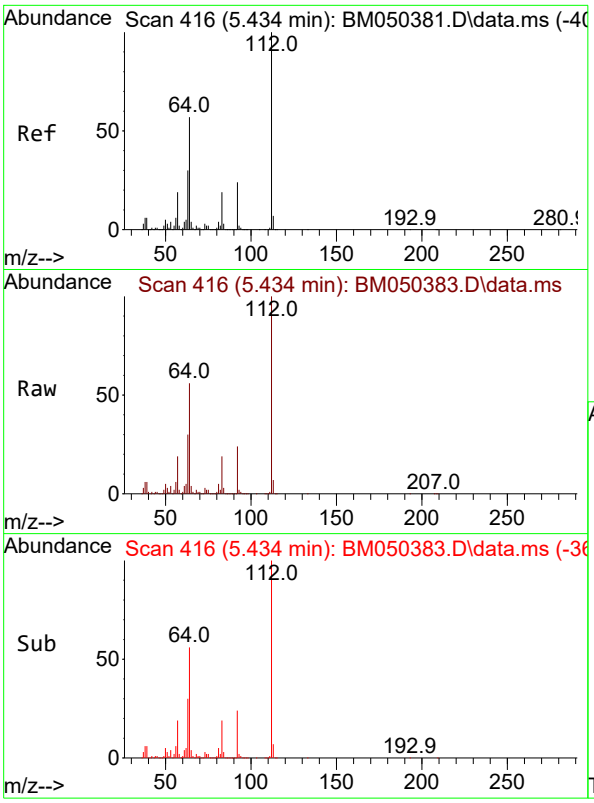


#4
n-Nitrosodimethylamine
Concen: 61.070 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 42 Resp: 725301

Ion	Ratio	Lower	Upper
42	100		
74	124.0	97.5	146.3
44	6.7	5.7	8.5



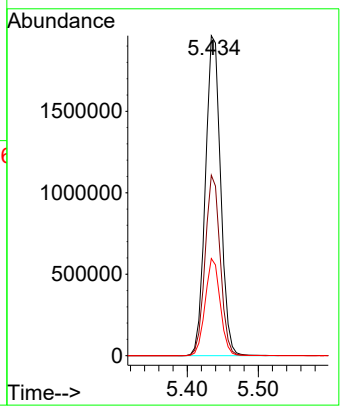


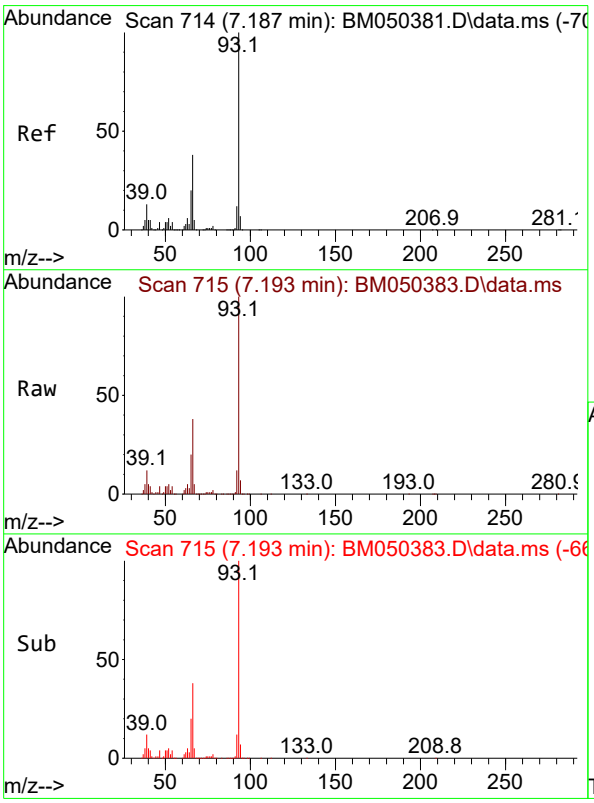
#5
2-Fluorophenol
Concen: 124.166 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2930103

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	30.3	24.2	36.4

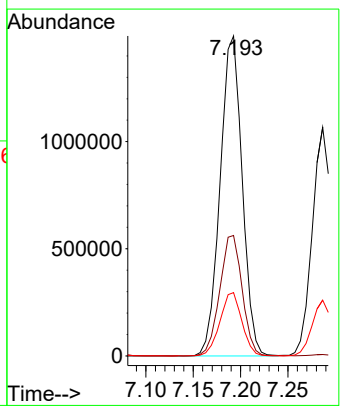


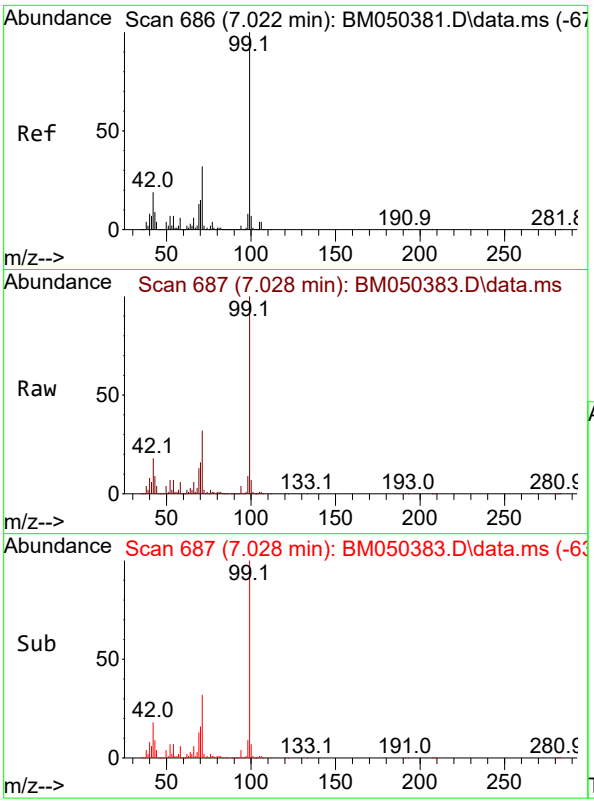


#6
Aniline
Concen: 63.416 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2421019

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.8	15.9	23.9



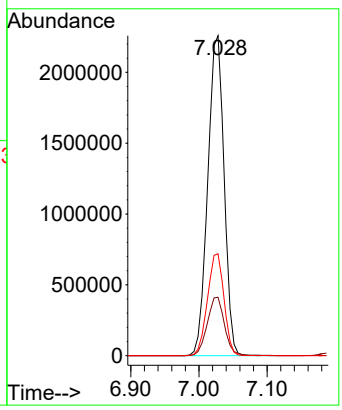


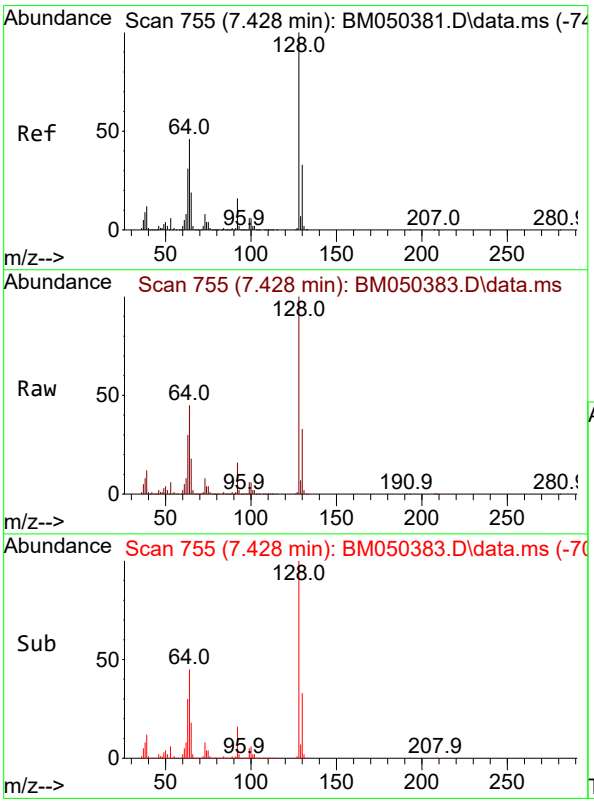
#7
Phenol-d6
Concen: 126.766 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3771036

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	31.8	25.9	38.9

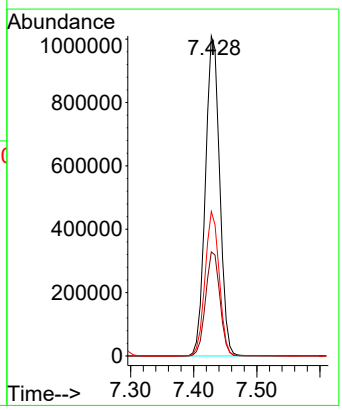


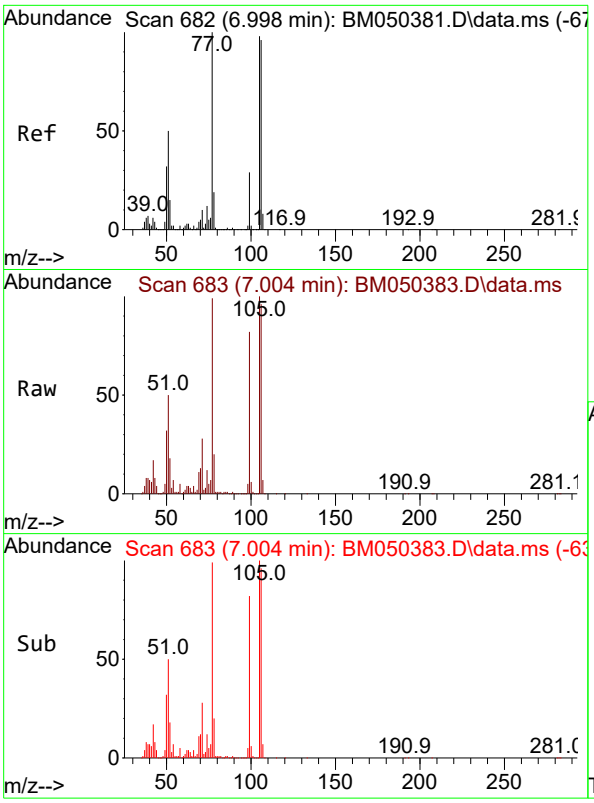


#8
2-Chlorophenol
Concen: 63.712 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:128 Resp: 1585370

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	45.1	25.6	65.6



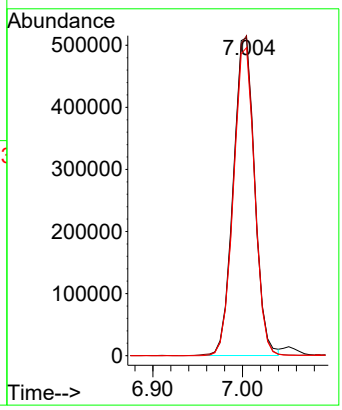


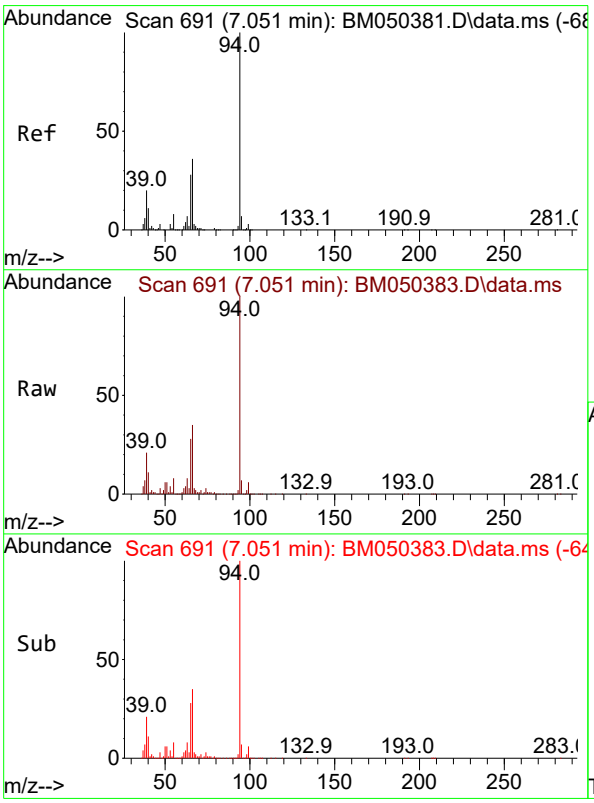
#9
Benzaldehyde
Concen: 47.768 ng
RT: 7.004 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 845390

Ion	Ratio	Lower	Upper
77	100		
105	100.6	78.4	118.4
106	96.9	76.3	116.3

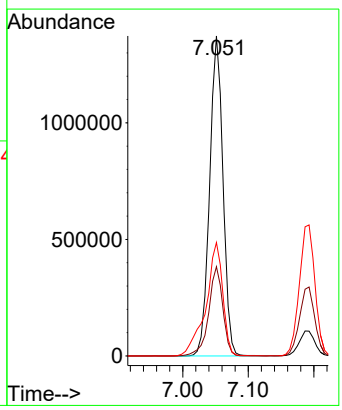


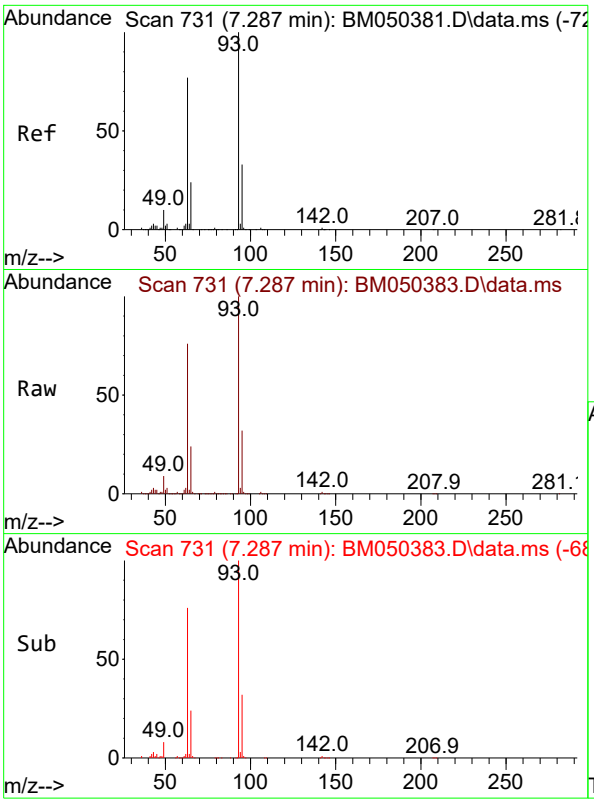


#10
Phenol
Concen: 62.748 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 94 Resp: 1946908

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	35.4	15.8	55.8



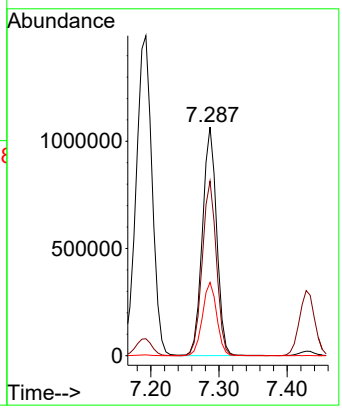


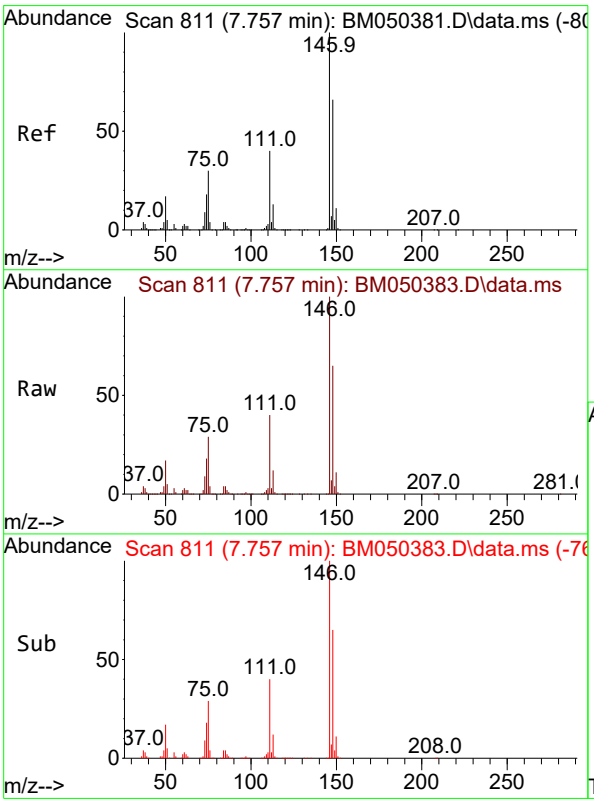
#11
bis(2-Chloroethyl)ether
Concen: 62.169 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1544784

Ion	Ratio	Lower	Upper
93	100		
63	76.4	56.9	96.9
95	32.1	12.6	52.6

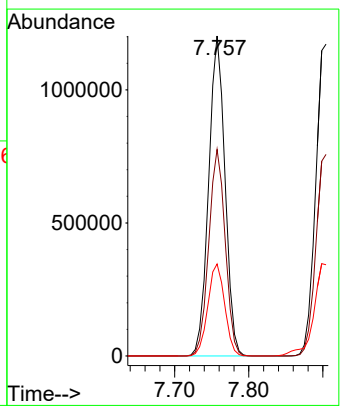


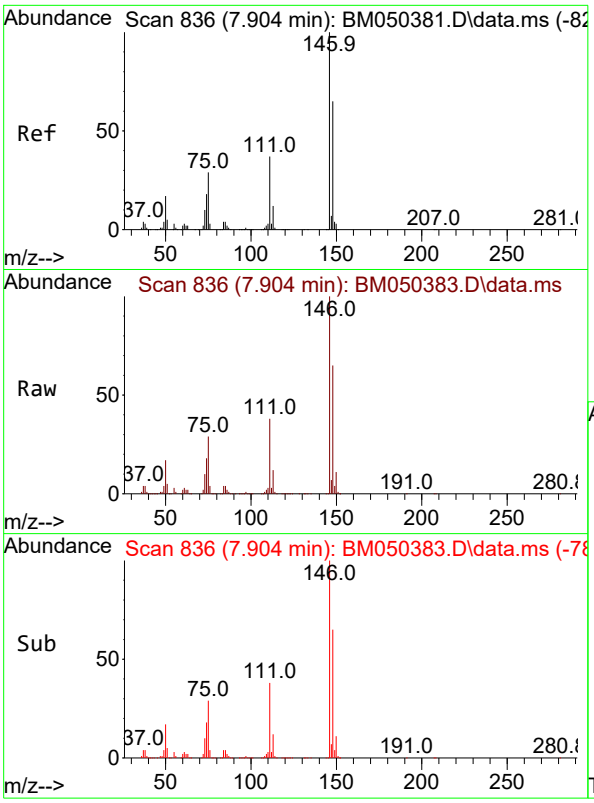


#12
1,3-Dichlorobenzene
Concen: 60.846 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1841011

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.2	79.8
75	28.7	23.9	35.9



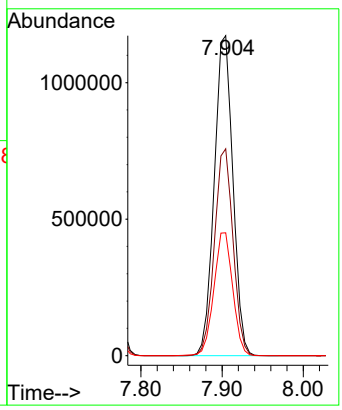


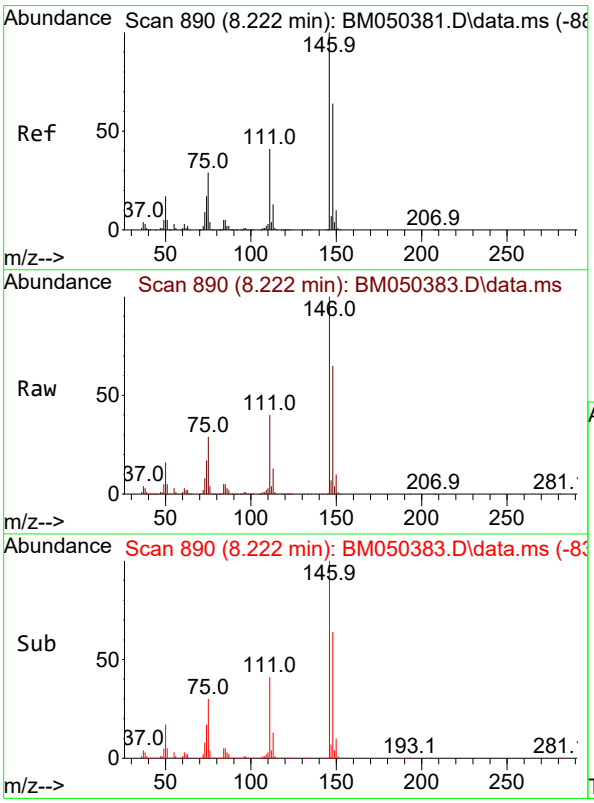
#13
1,4-Dichlorobenzene
Concen: 60.660 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1874083

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	38.4	30.0	45.0

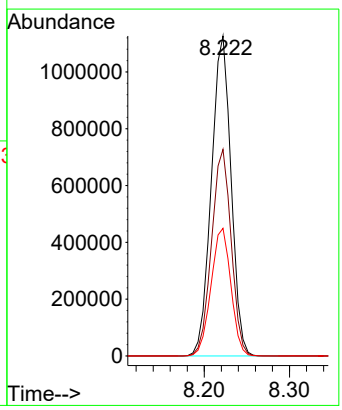


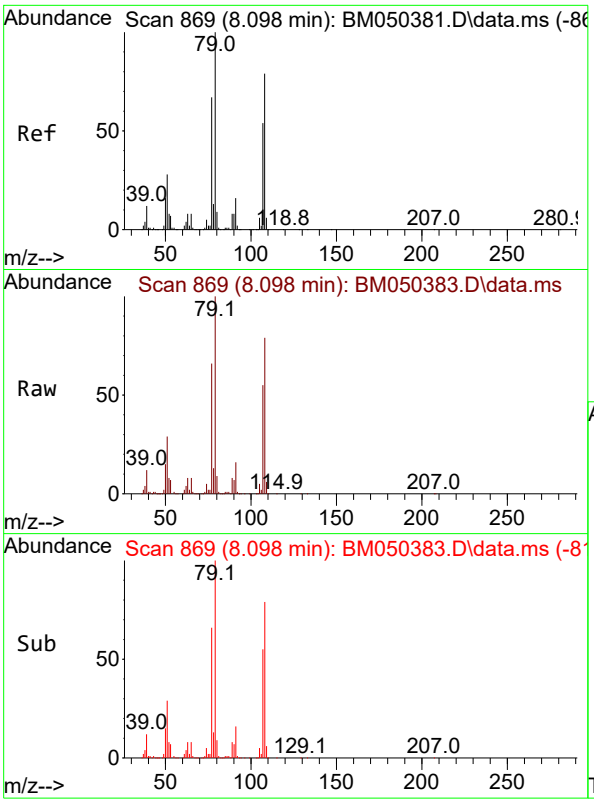


#14
1,2-Dichlorobenzene
Concen: 61.182 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1809670

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	39.9	32.6	49.0



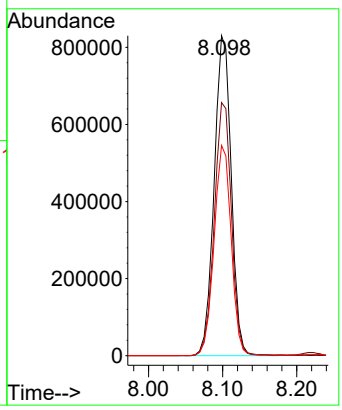


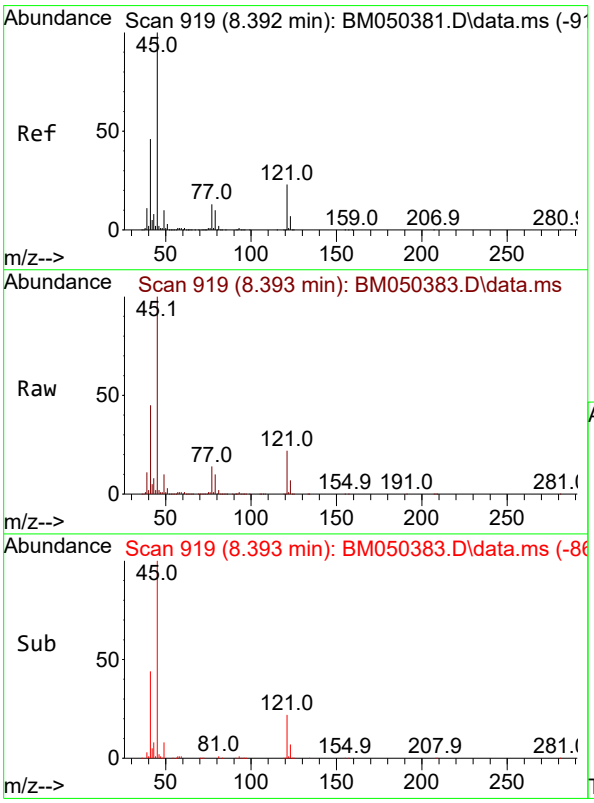
#15
Benzyl Alcohol
Concen: 63.380 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1328453

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

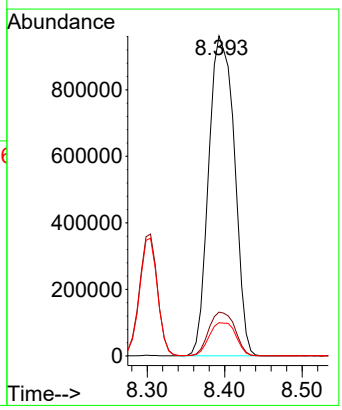


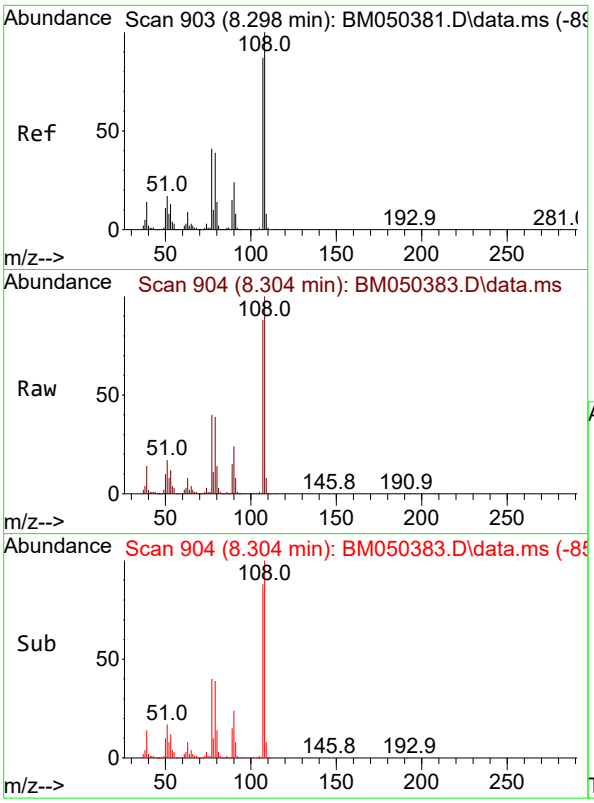


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.631 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 45 Resp: 2219161

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



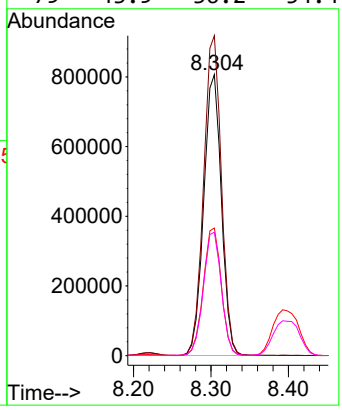


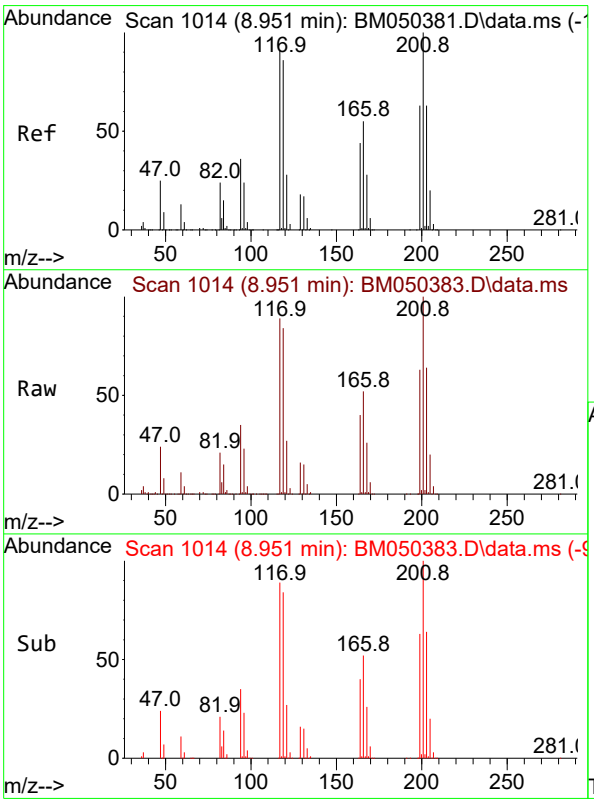
#17
2-Methylphenol
Concen: 63.479 ng
RT: 8.304 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1277440

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.1	138.1
77	45.4	38.2	57.4
79	43.9	36.2	54.4

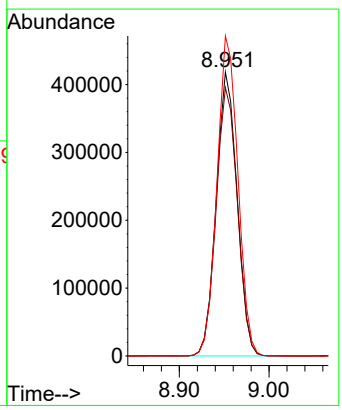


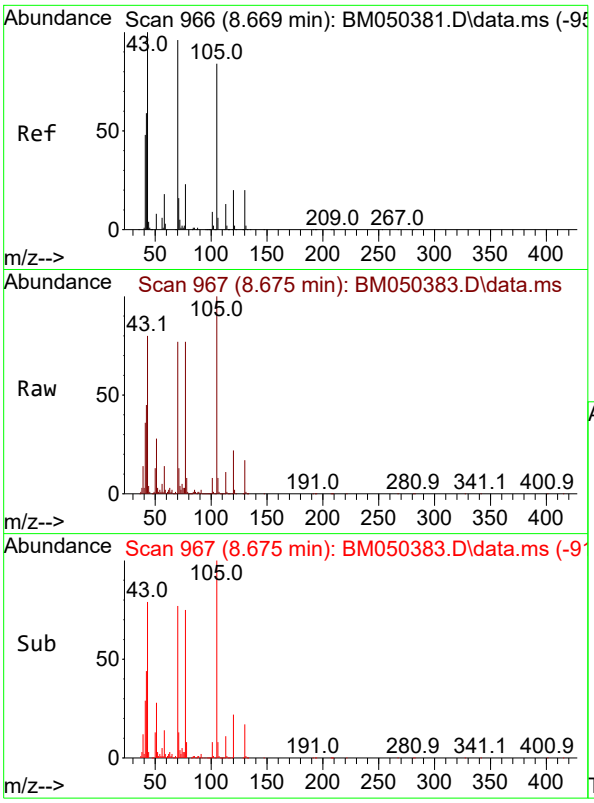


#18
Hexachloroethane
Concen: 62.403 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:117 Resp: 678042

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	112.7	87.9	131.9



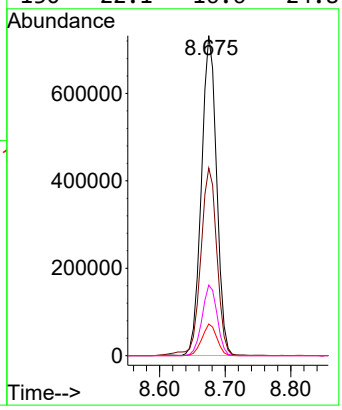


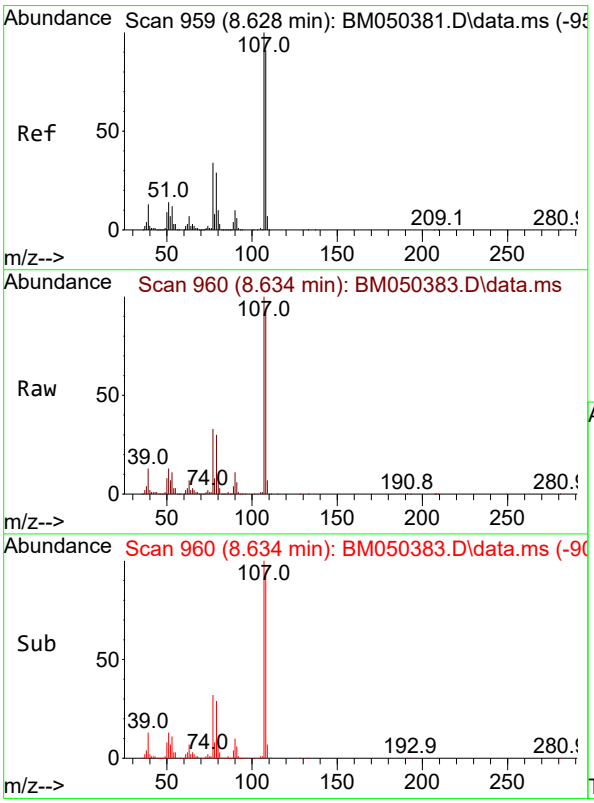
#19
n-Nitroso-di-n-propylamine
Concen: 65.485 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1180119

Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.7	74.5
101	9.9	7.7	11.5
130	22.1	16.6	24.8

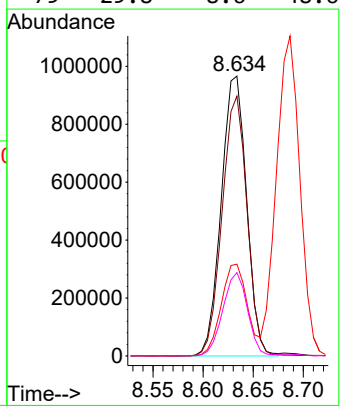


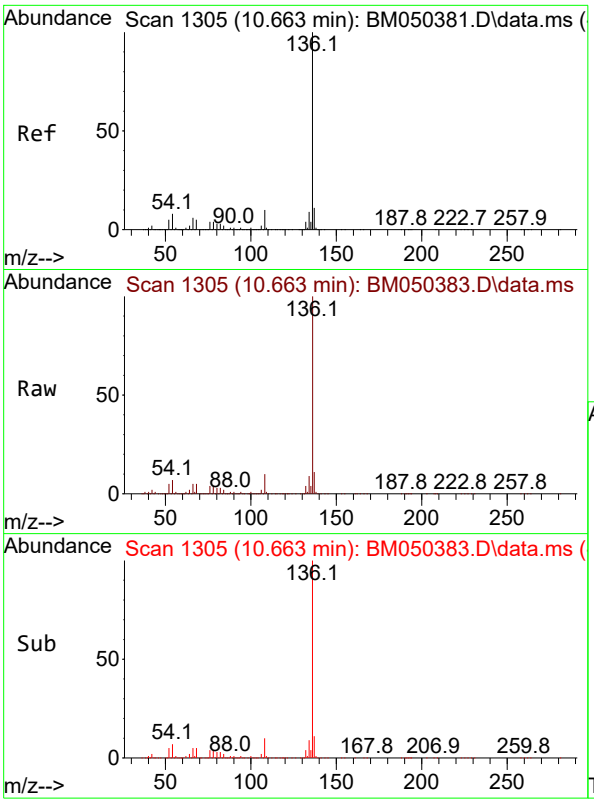


#20
3+4-Methylphenols
Concen: 62.832 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1697411

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.5	111.5
77	32.9	13.7	53.7
79	29.8	8.6	48.6



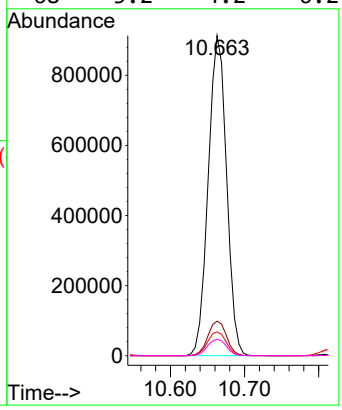


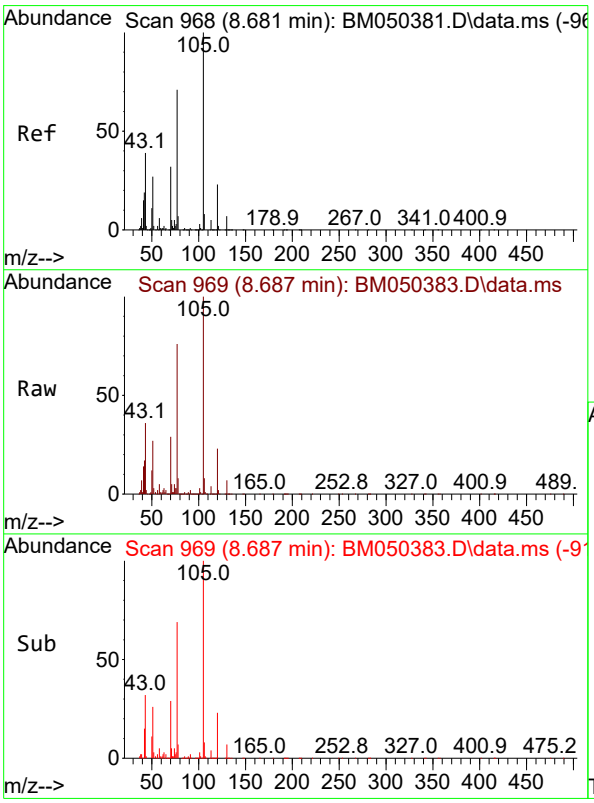
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1566187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.2	4.2	6.2

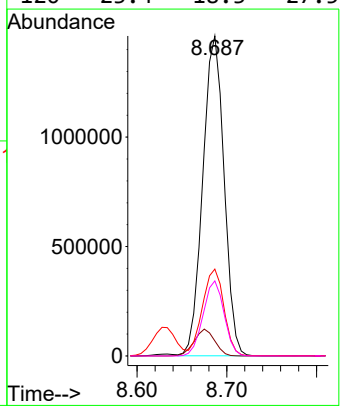


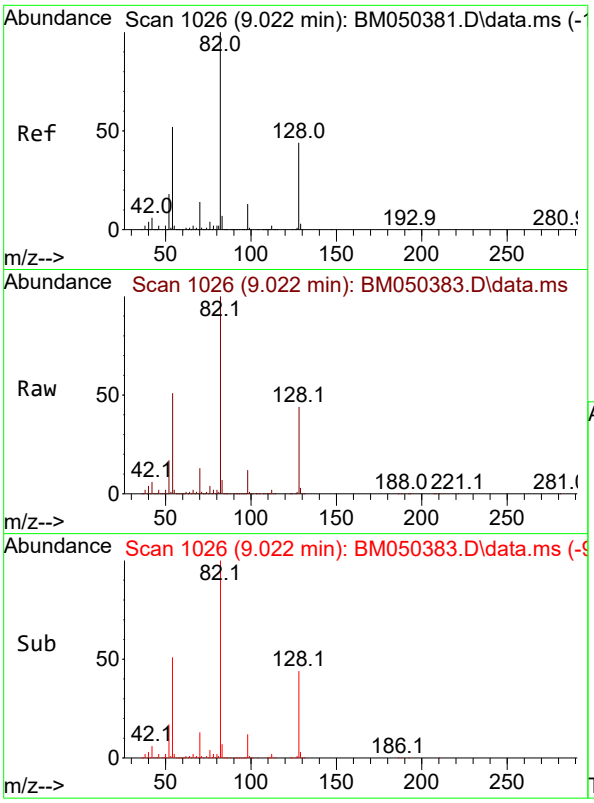


#22
Acetophenone
Concen: 61.517 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:105 Resp: 2408904

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	27.2	23.0	34.6
120	23.4	18.3	27.5



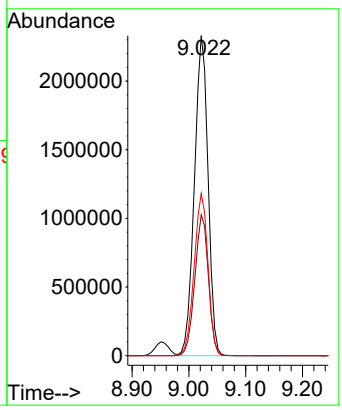


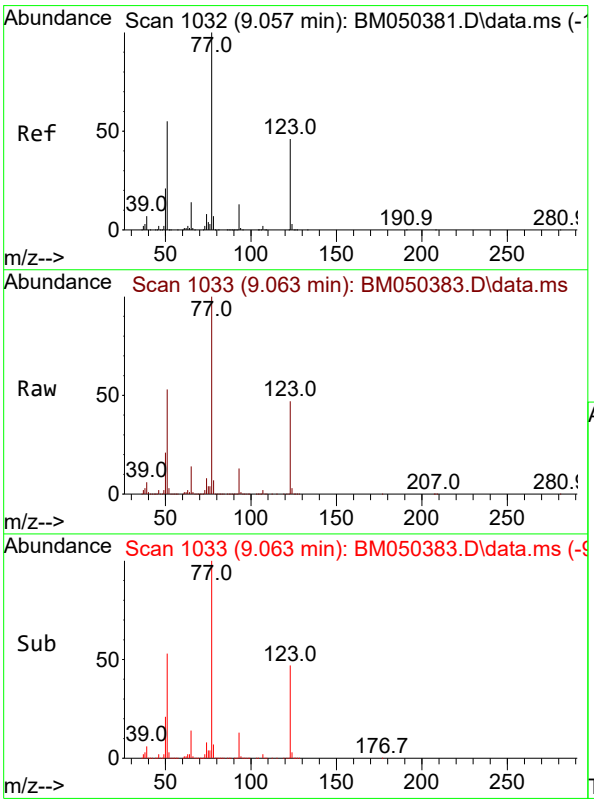
#23
Nitrobenzene-d5
Concen: 126.983 ng
RT: 9.022 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3898203

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	50.7	41.5	62.3

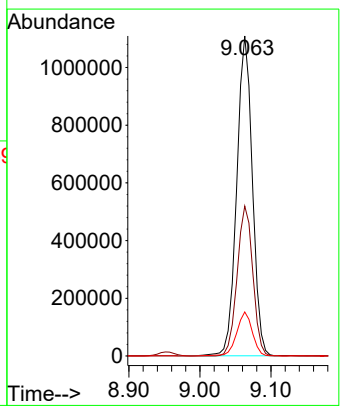


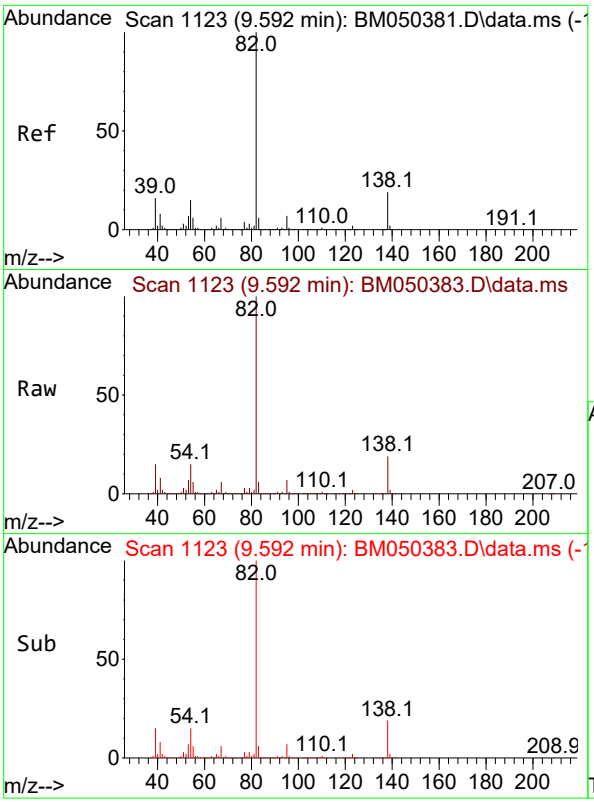


#24
Nitrobenzene
Concen: 62.165 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 77 Resp: 1702957

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.0	55.6
65	13.7	11.0	16.4



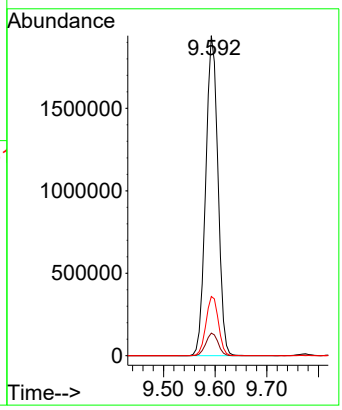


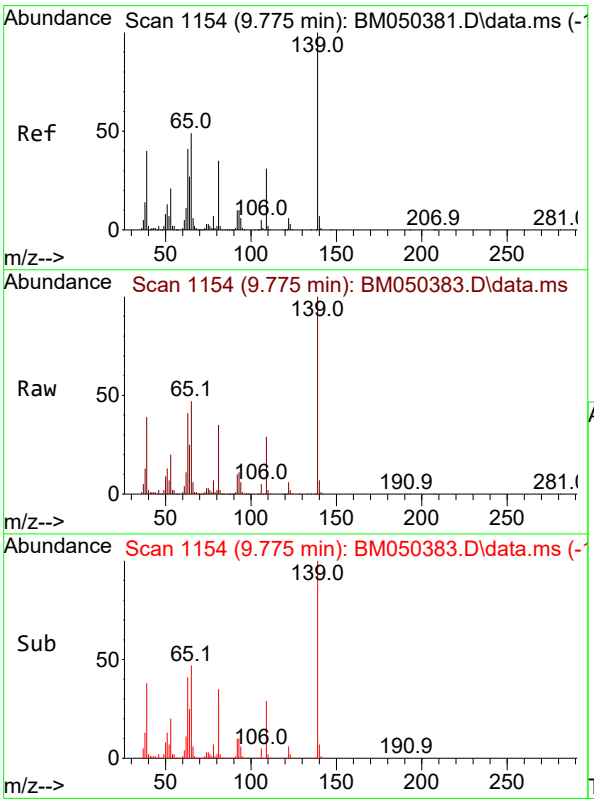
#25
Isophorone
Concen: 64.054 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3190767

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	15.3	22.9

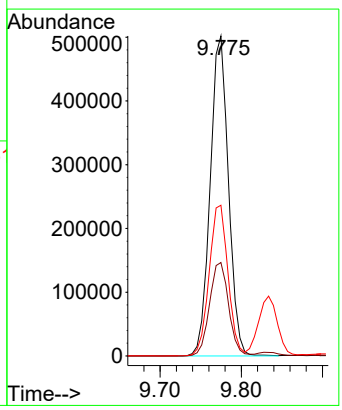


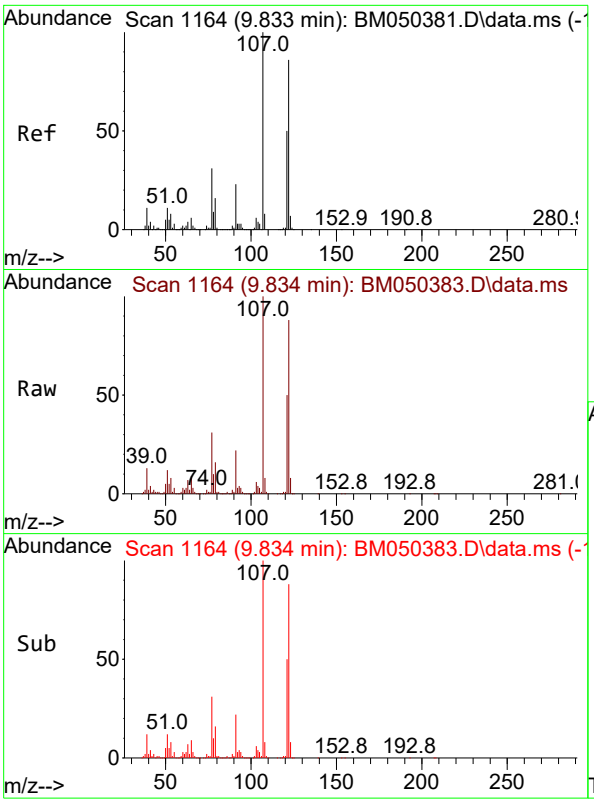


#26
2-Nitrophenol
Concen: 70.186 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 783612

Ion	Ratio	Lower	Upper
139	100		
109	29.2	24.6	36.8
65	47.1	39.2	58.8



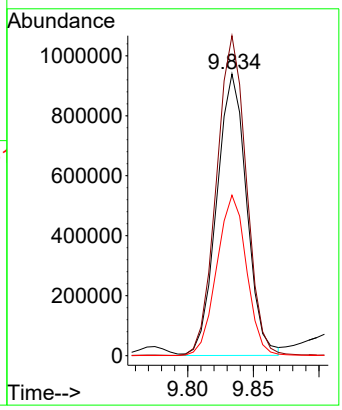


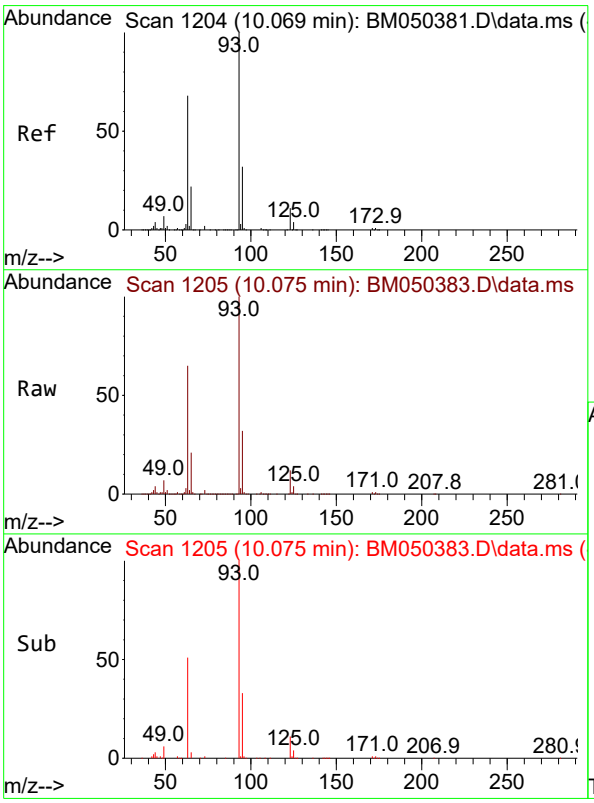
#27
2,4-Dimethylphenol
Concen: 62.749 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1490764

Ion	Ratio	Lower	Upper
122	100		
107	113.6	93.0	139.6
121	57.0	46.1	69.1

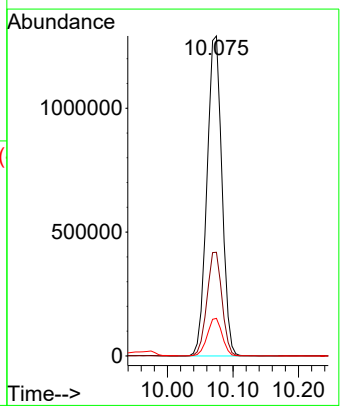


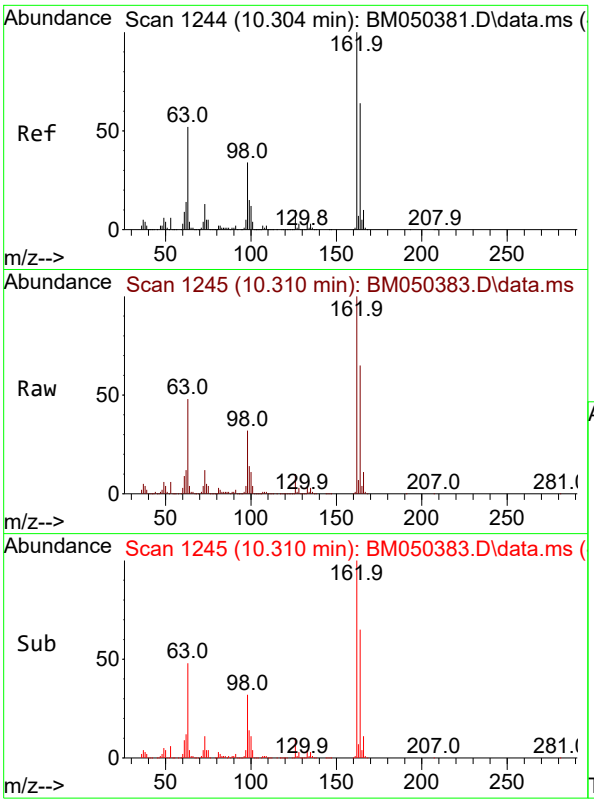


#28
bis(2-Chloroethoxy)methane
Concen: 62.070 ng
RT: 10.075 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2048832

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.7	9.1	13.7



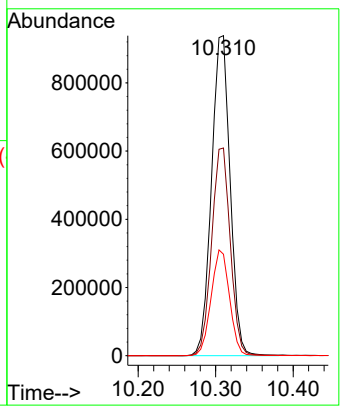


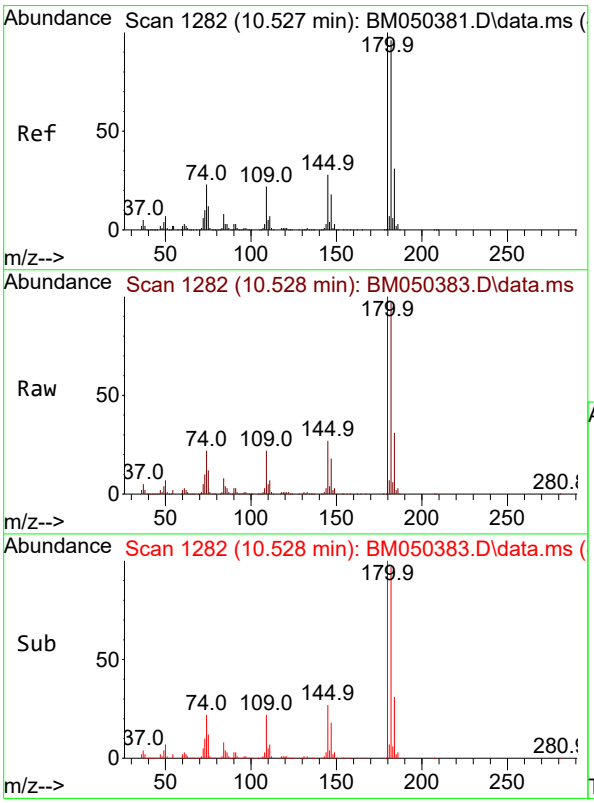
#29
2,4-Dichlorophenol
Concen: 64.353 ng
RT: 10.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1570701

Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	31.7	13.7	53.7

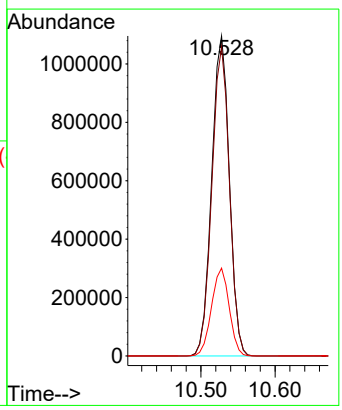


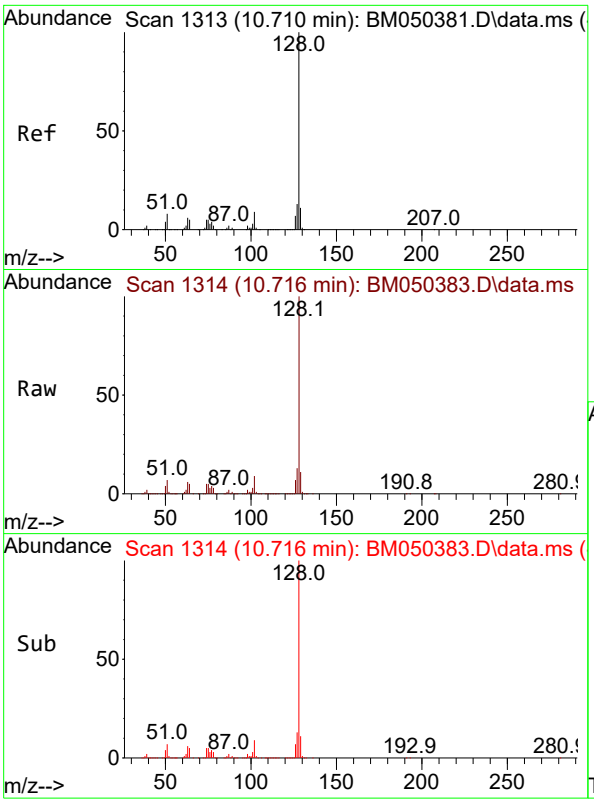


#30
1,2,4-Trichlorobenzene
Concen: 62.024 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:180 Resp: 1810982

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	27.4	22.6	33.8



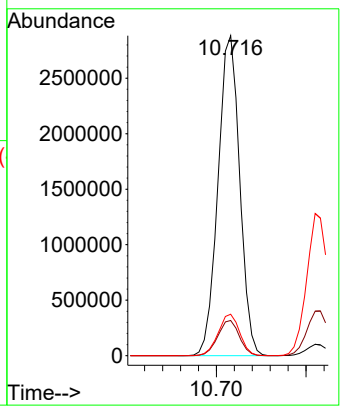


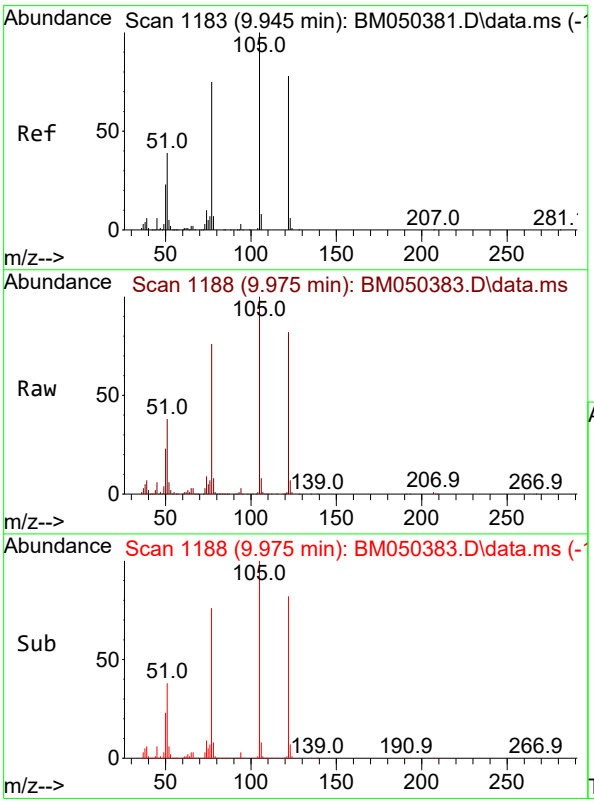
#31
Naphthalene
Concen: 60.775 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 4834692

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

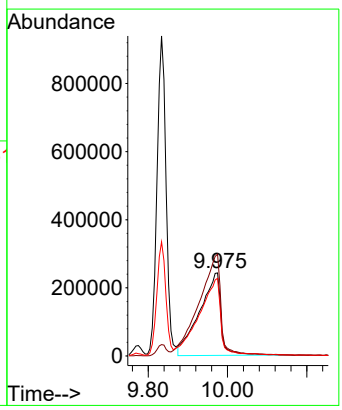


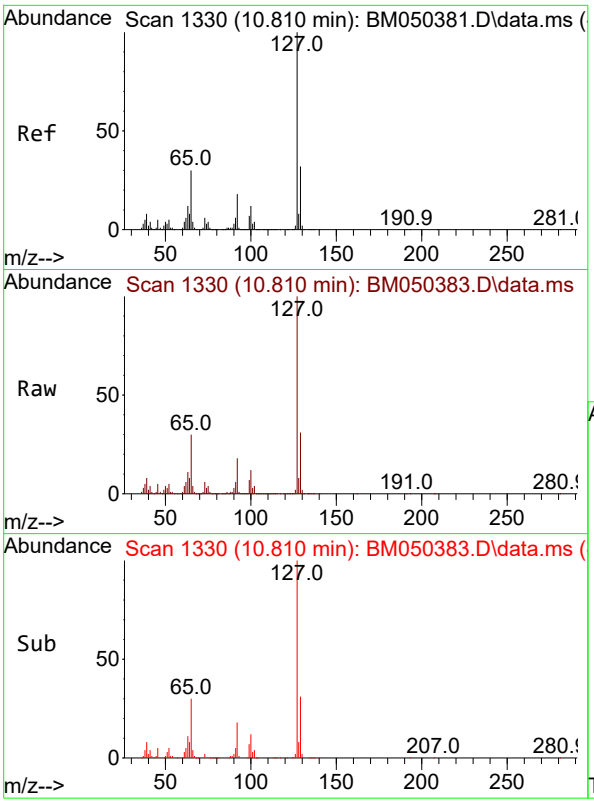


#32
Benzoic acid
Concen: 60.734 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:122 Resp: 912053

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.0	144.0
77	93.4	73.8	113.8



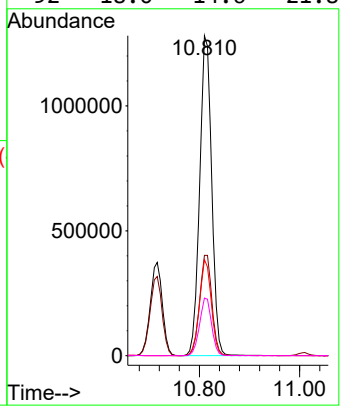


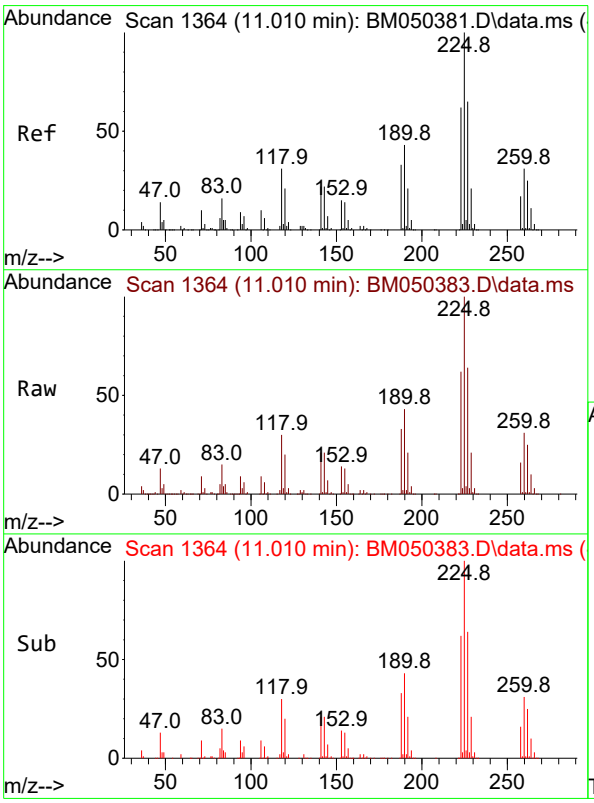
#33
4-Chloroaniline
Concen: 63.348 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 2130451

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	30.0	23.9	35.9
92	18.0	14.6	21.8

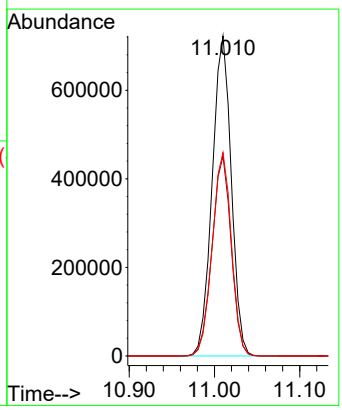


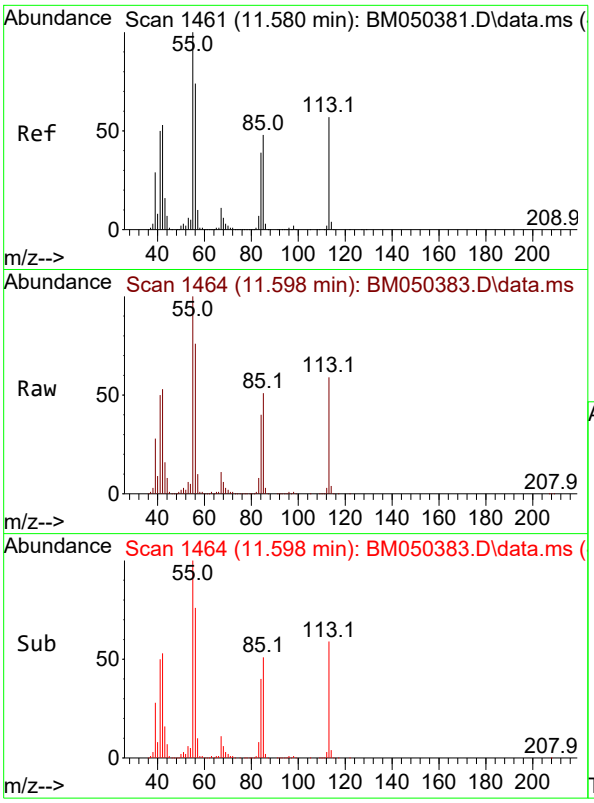


#34
Hexachlorobutadiene
Concen: 63.032 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:225 Resp: 1123283

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.6	52.1	78.1



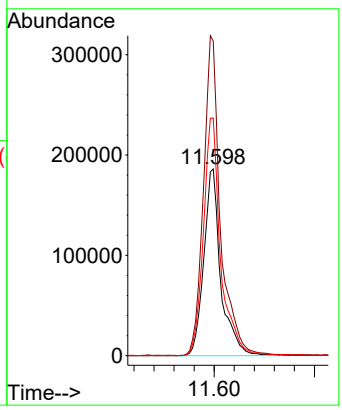


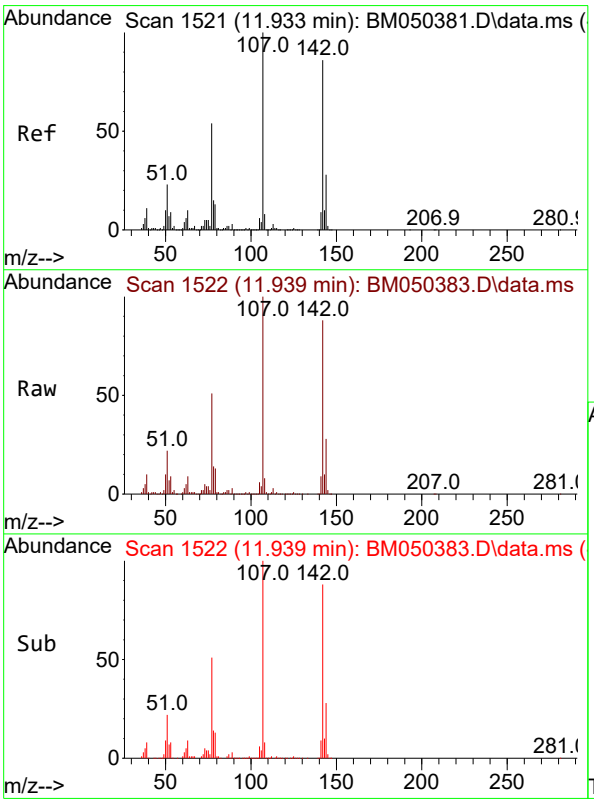
#35
Caprolactam
Concen: 65.768 ng
RT: 11.598 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 438205

Ion	Ratio	Lower	Upper
113	100		
55	168.5	157.2	197.2
56	127.3	111.7	151.7

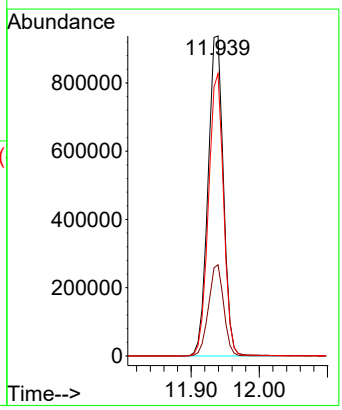


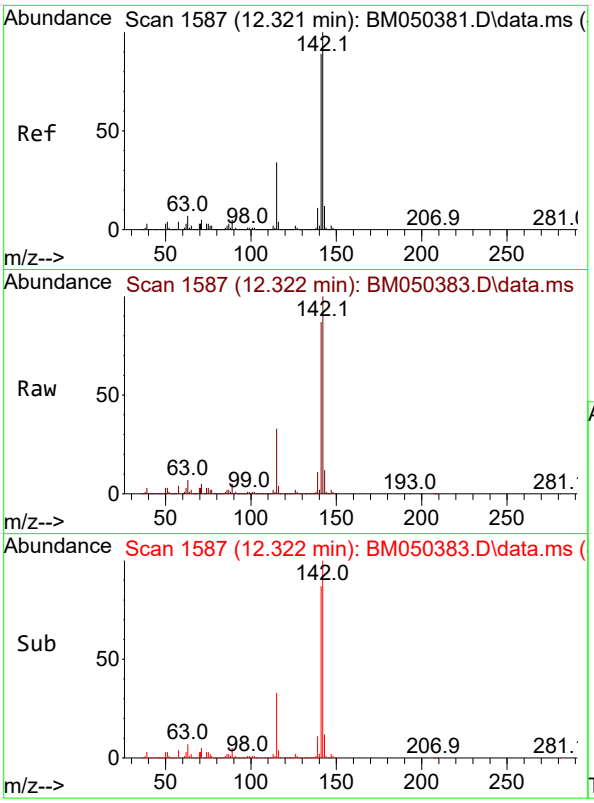


#36
4-Chloro-3-methylphenol
Concen: 64.612 ng
RT: 11.939 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1472646

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	88.2	68.7	103.1



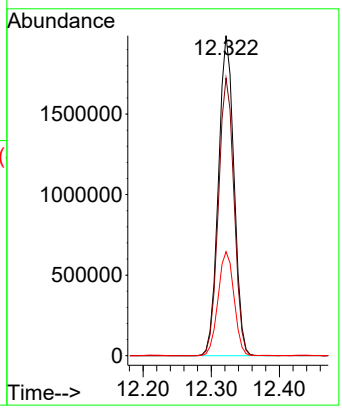


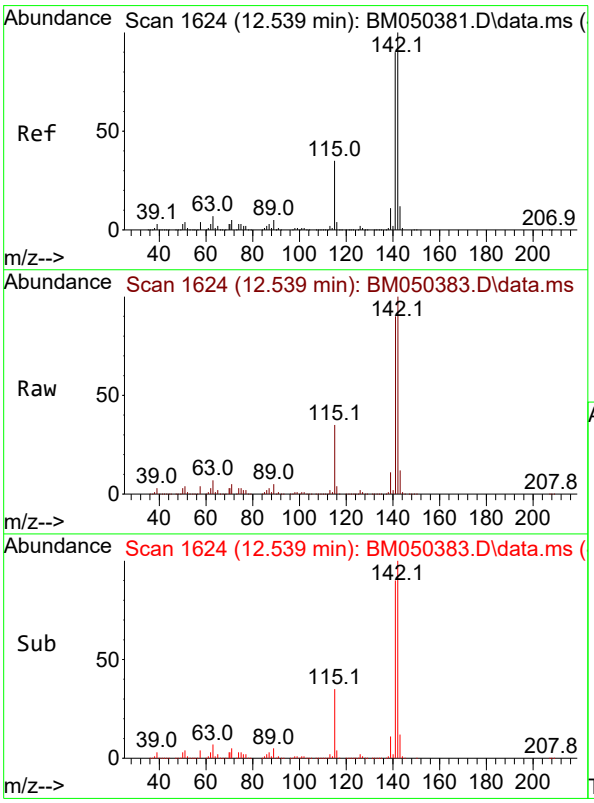
#37
2-Methylnaphthalene
Concen: 62.784 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3153595

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	32.5	27.0	40.4

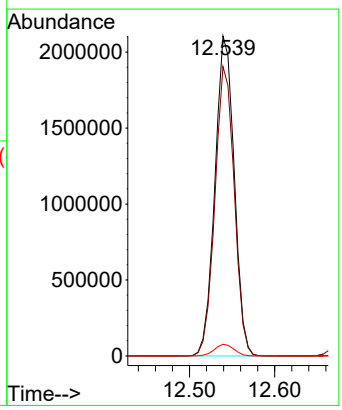


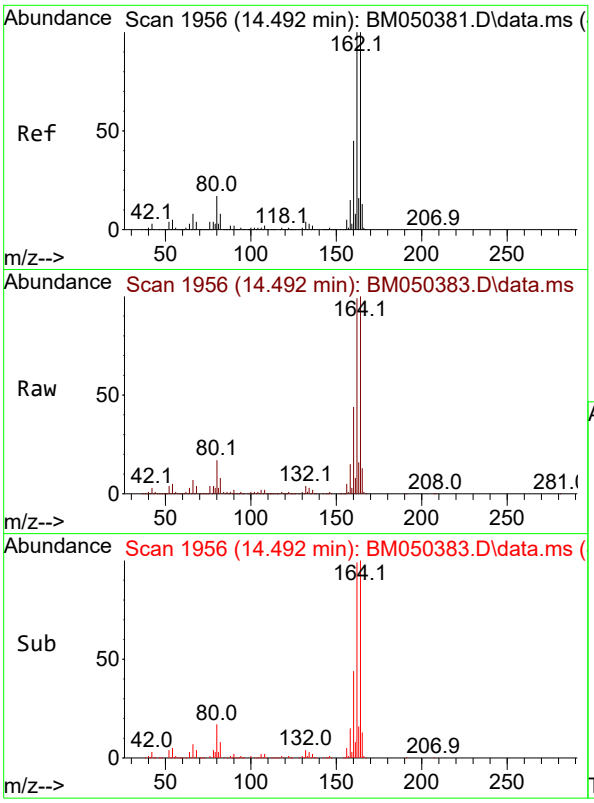


#38
1-Methylnaphthalene
Concen: 62.500 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:142 Resp: 3322331

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.6	3.0	4.6



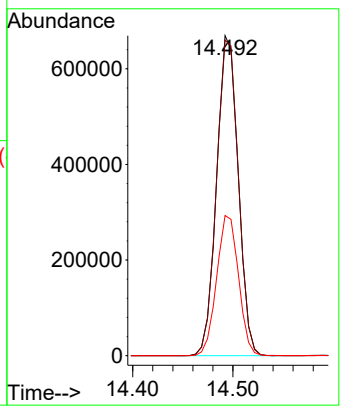


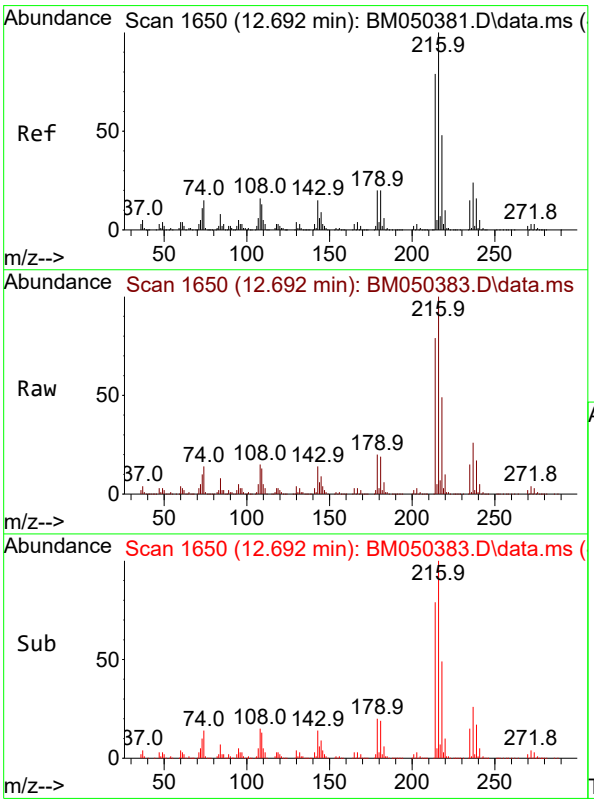
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 998713

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	43.8	36.2	54.4

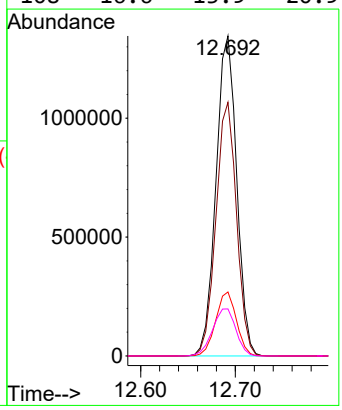


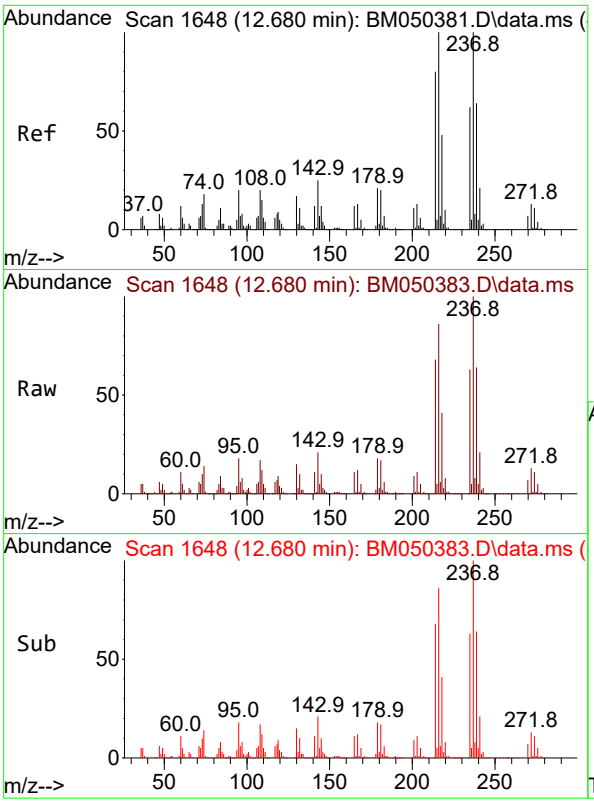


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.436 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:216 Resp: 2046472

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.1	16.4	24.6
108	16.6	13.9	20.9



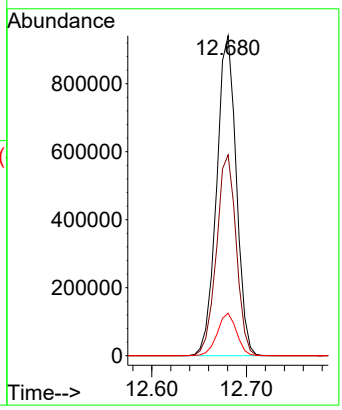


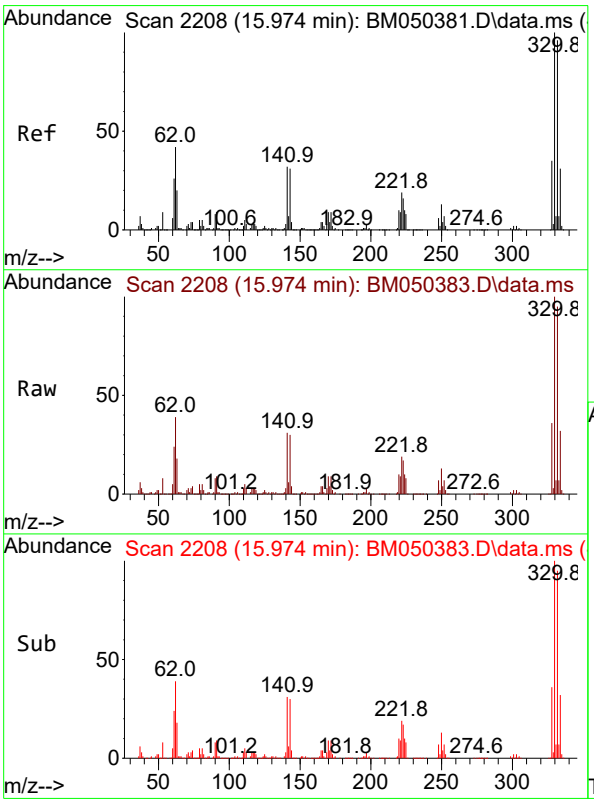
#41
Hexachlorocyclopentadiene
Concen: 66.942 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 1359023

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.3	0.0	33.0

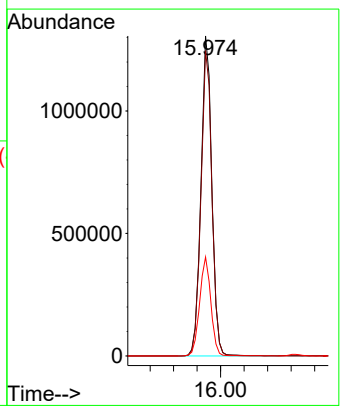


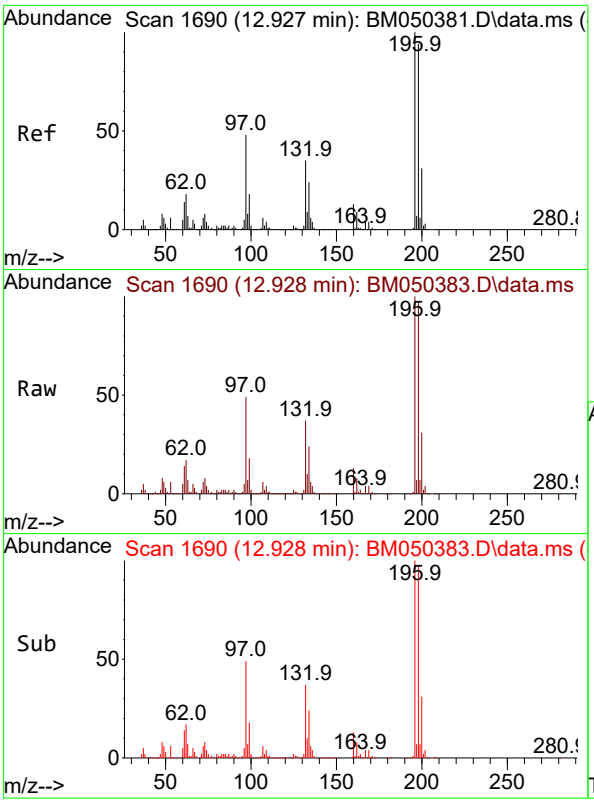


#42
2,4,6-Tribromophenol
Concen: 138.460 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:330 Resp: 1680132

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	31.9	27.4	41.0



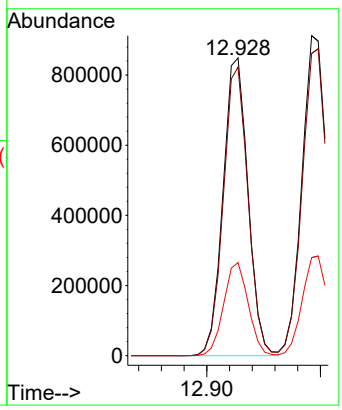


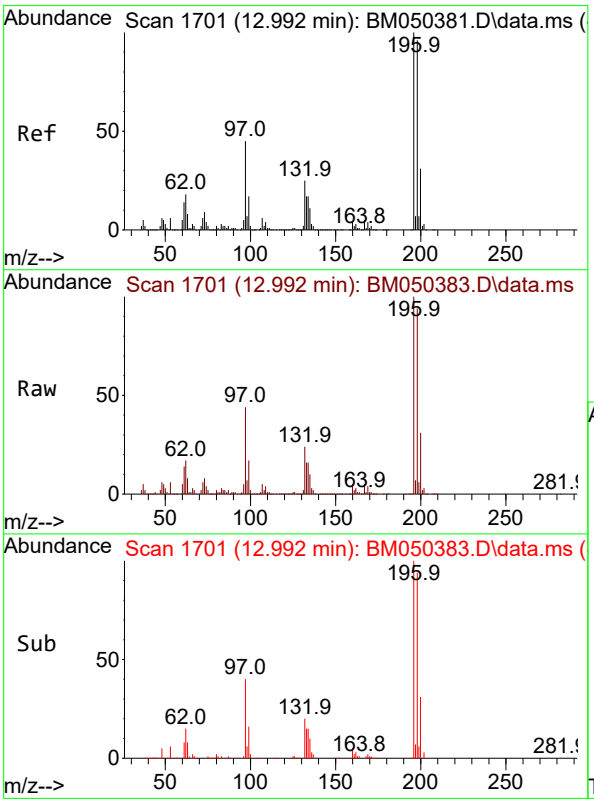
#43
2,4,6-Trichlorophenol
Concen: 66.483 ng
RT: 12.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1299719

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.1	112.7
200	31.3	24.6	37.0

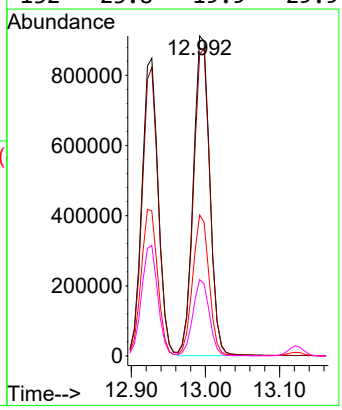


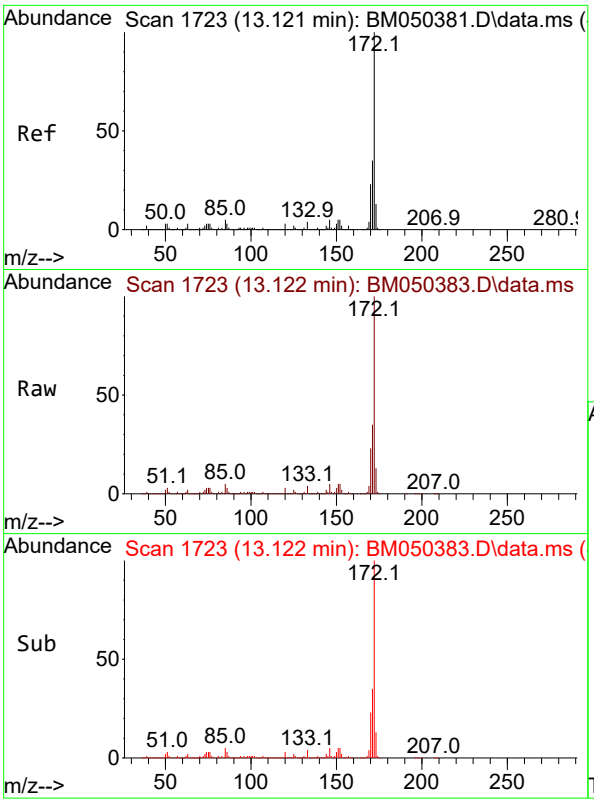


#44
2,4,5-Trichlorophenol
Concen: 65.913 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:196 Resp: 1407280

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.2	115.8
97	44.0	36.2	54.4
132	23.8	19.9	29.9



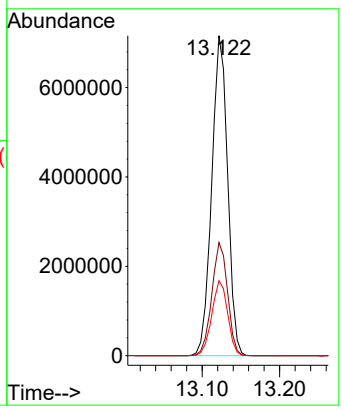


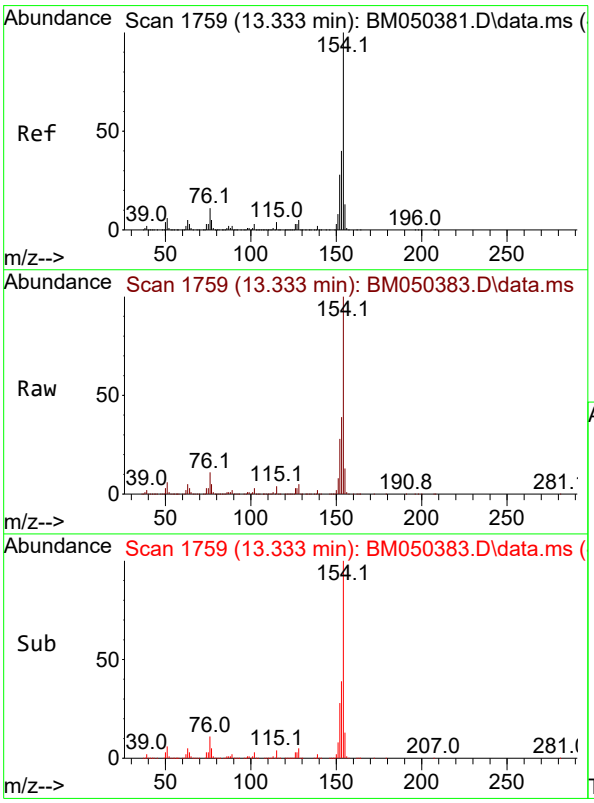
#45
2-Fluorobiphenyl
Concen: 125.724 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp:10167533

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.5	18.8	28.2

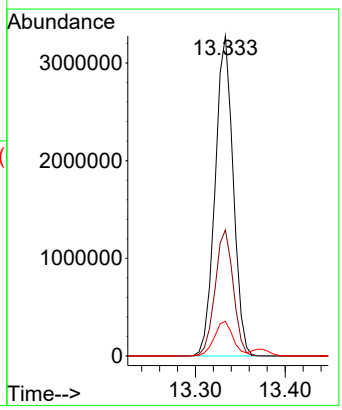


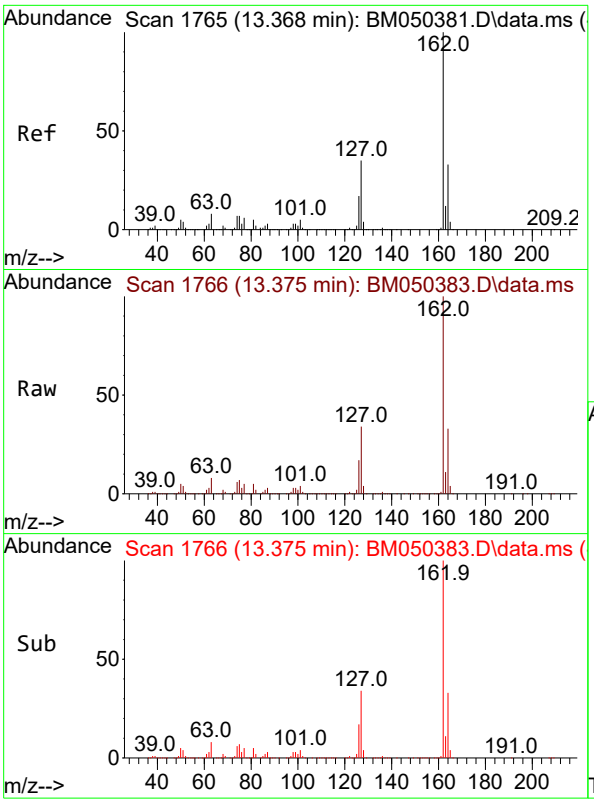


#46
1,1'-Biphenyl
Concen: 61.736 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 4574537

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.9	0.0	30.9



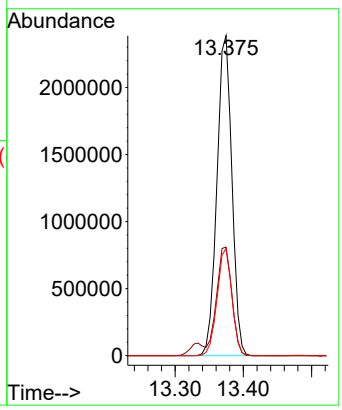


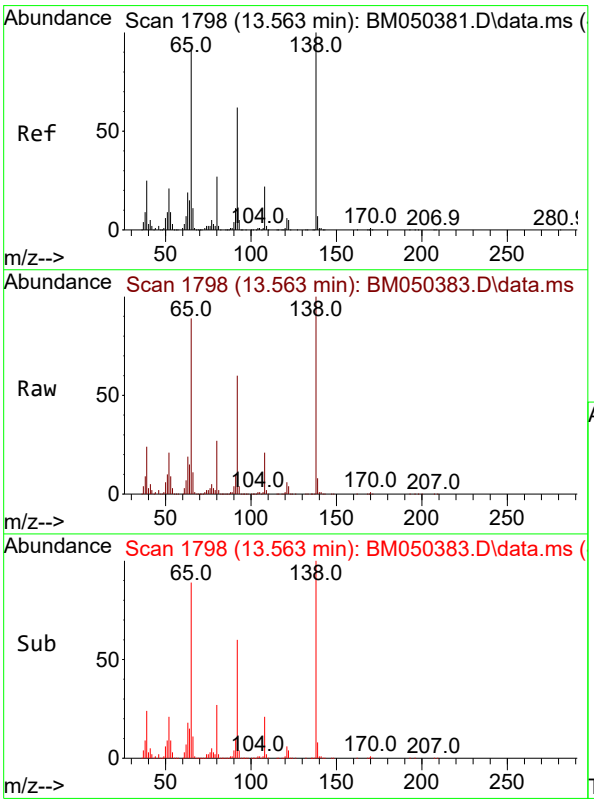
#47
2-Chloronaphthalene
Concen: 61.699 ng
RT: 13.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3645124

Ion	Ratio	Lower	Upper
162	100		
127	34.0	28.3	42.5
164	33.4	26.6	40.0

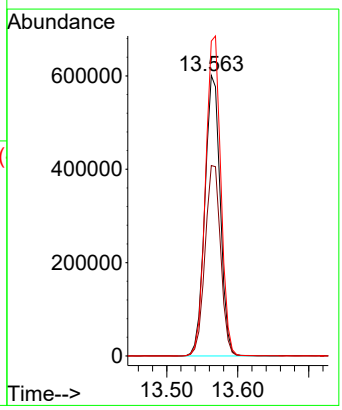


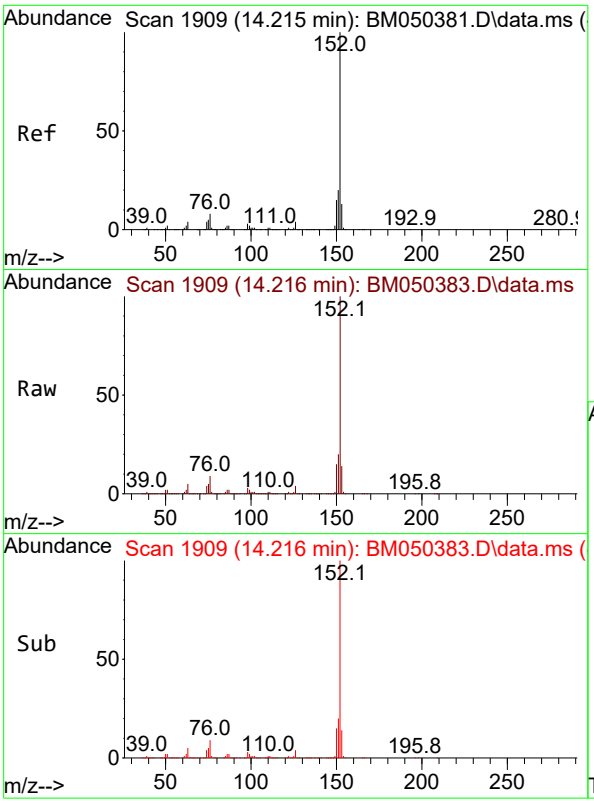


#48
2-Nitroaniline
Concen: 68.554 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 65 Resp: 904021

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	112.3	87.8	131.6



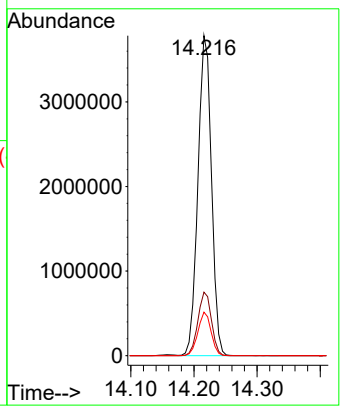


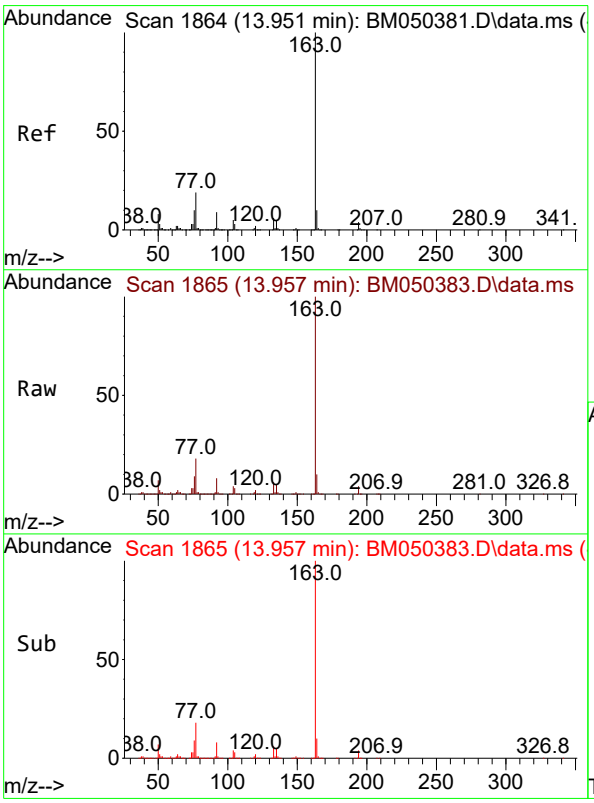
#49
Acenaphthylene
Concen: 62.931 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5618754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.6	15.8

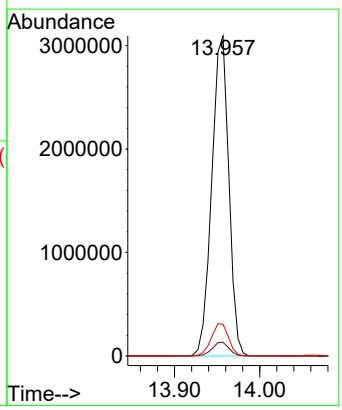


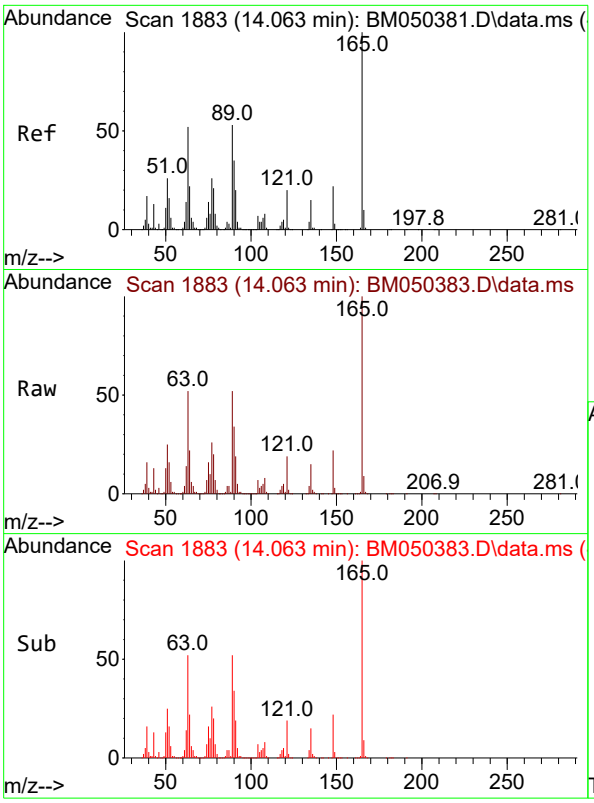


#50
Dimethylphthalate
Concen: 62.407 ng
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:163 Resp: 4291046

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.2



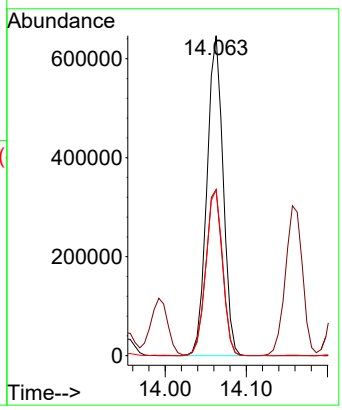


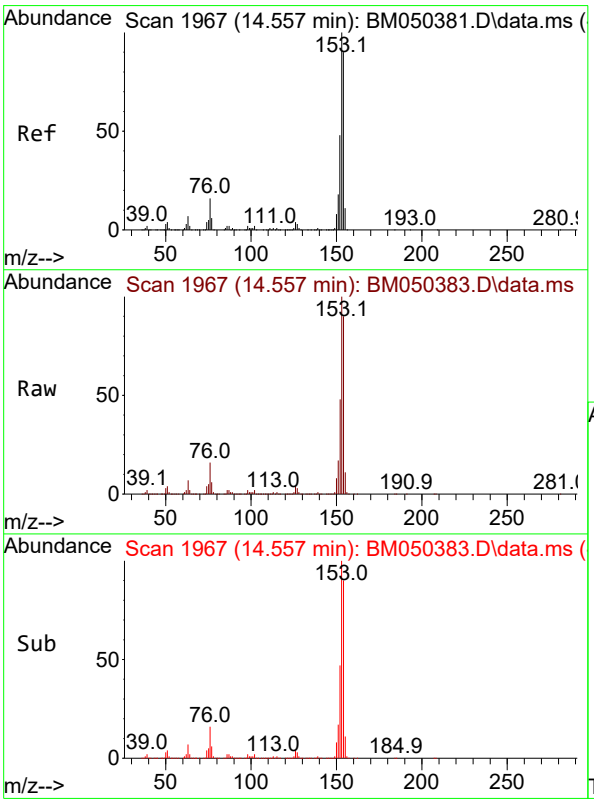
#51
2,6-Dinitrotoluene
Concen: 67.510 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 891260

Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.4	63.6
89	51.8	42.2	63.2

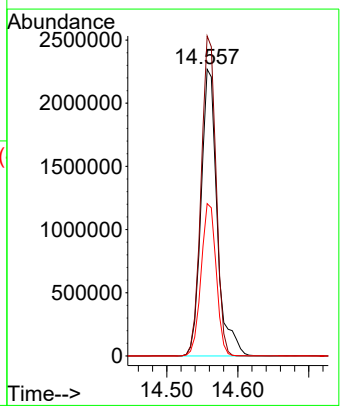


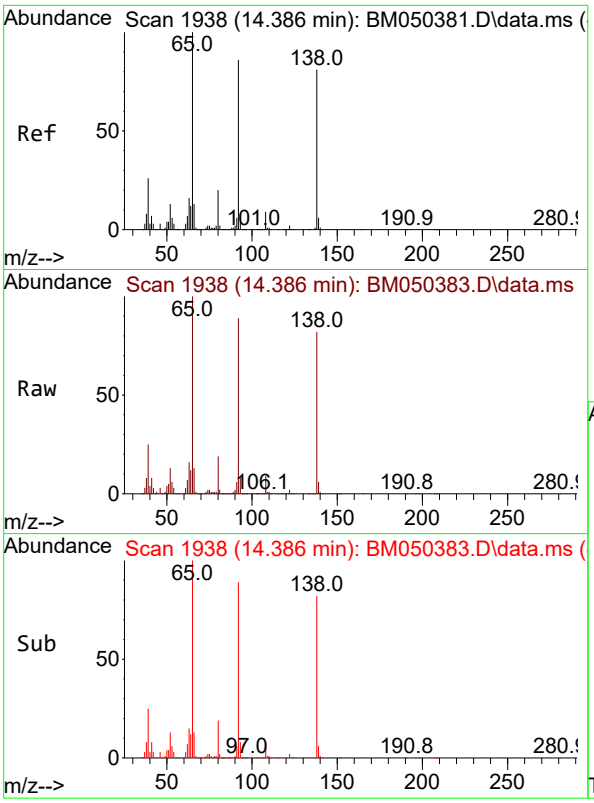


#52
Acenaphthene
Concen: 63.105 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 3582059

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.2	133.8
152	53.1	42.6	64.0



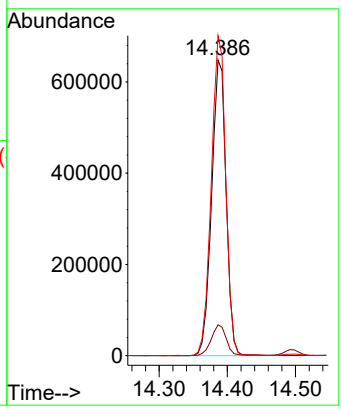


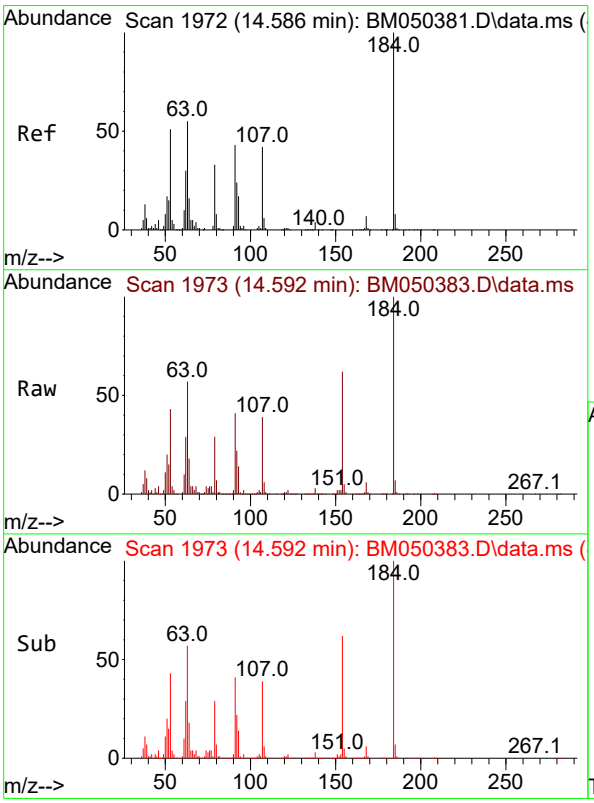
#53
3-Nitroaniline
Concen: 68.179 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 957239

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	108.2	85.0	127.6

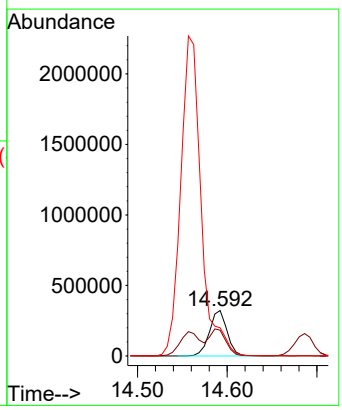


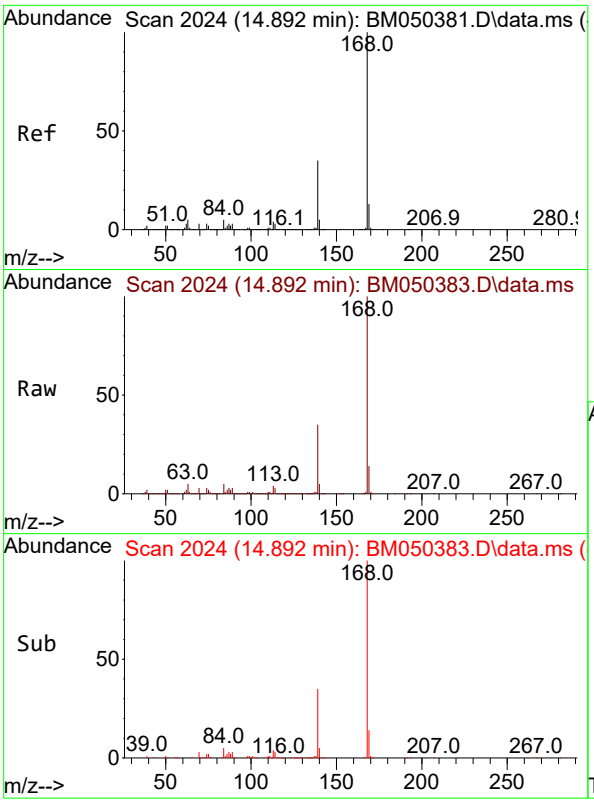


#54
2,4-Dinitrophenol
Concen: 61.898 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:184 Resp: 439445

Ion	Ratio	Lower	Upper
184	100		
63	56.9	53.4	80.0
154	62.1	61.6	92.4



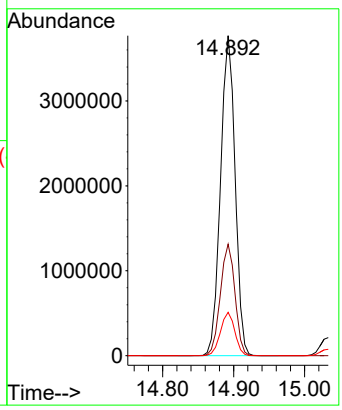


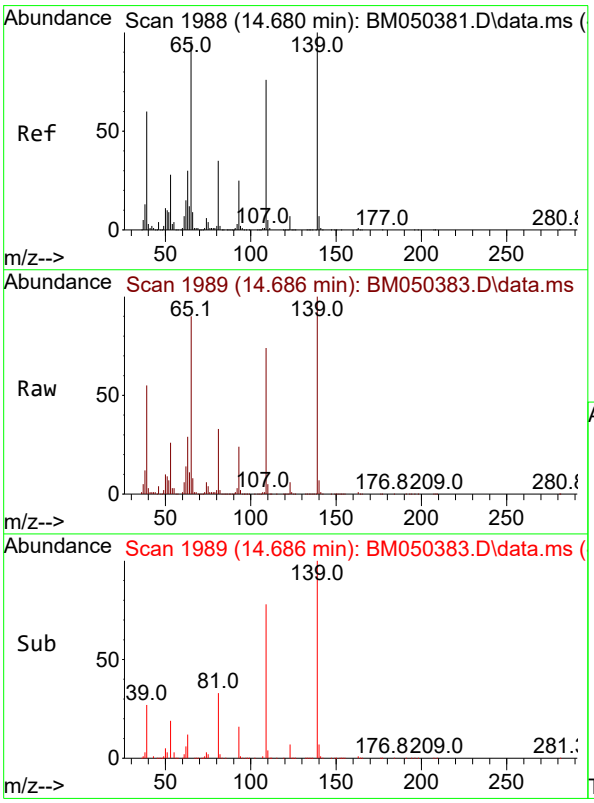
#55
Dibenzofuran
Concen: 61.102 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5344109

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.7	41.5
169	13.5	10.7	16.1

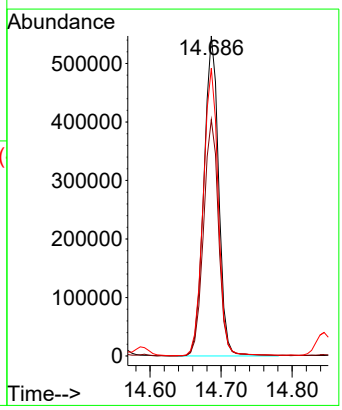


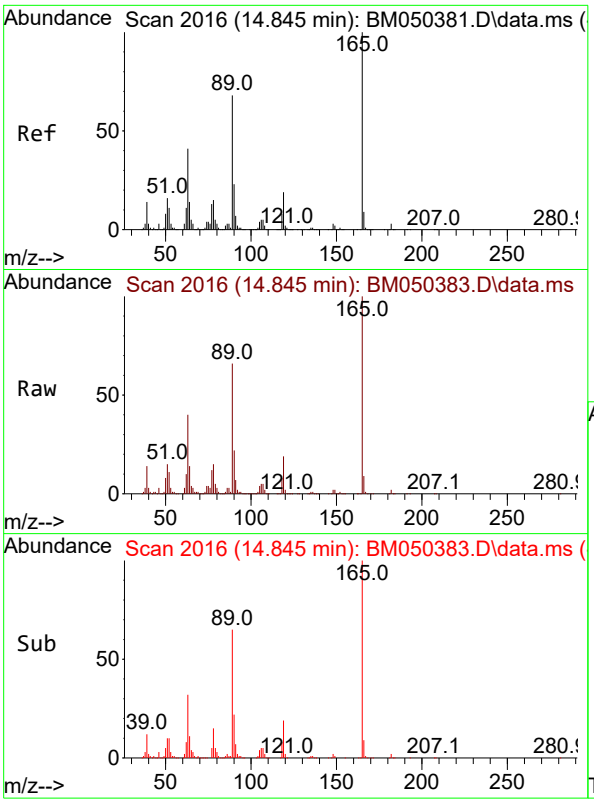


#56
4-Nitrophenol
Concen: 65.804 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 794516

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	89.9	76.4	116.4



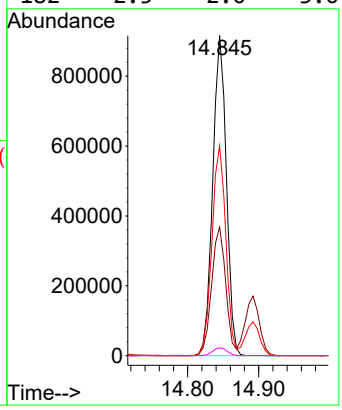


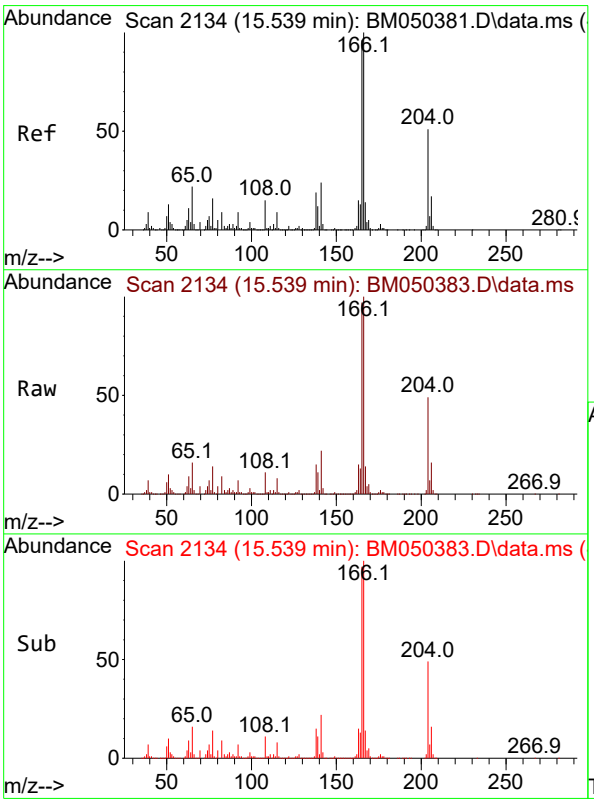
#57
2,4-Dinitrotoluene
Concen: 60.887 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1218665

Ion	Ratio	Lower	Upper
165	100		
63	40.2	32.5	48.7
89	65.6	54.0	81.0
182	2.5	2.0	3.0

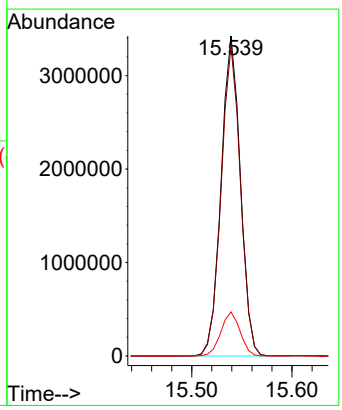


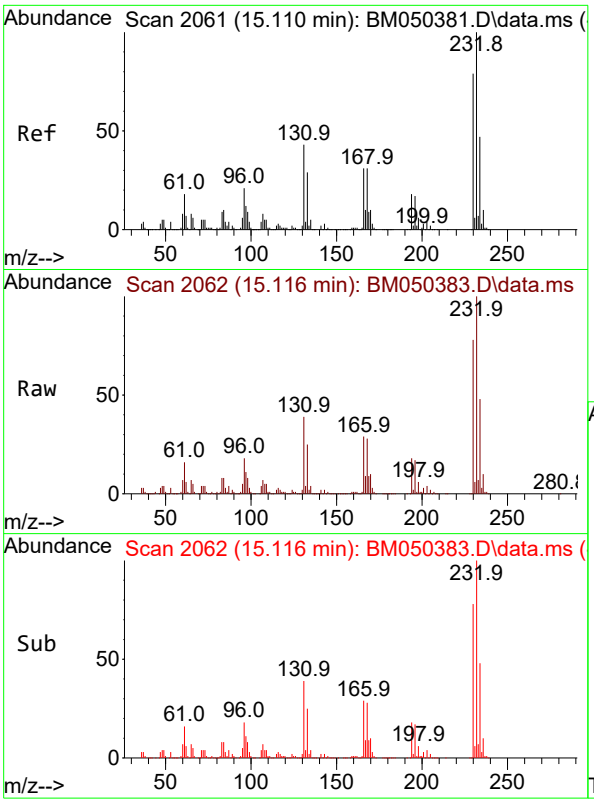


#58
Fluorene
Concen: 63.309 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:166 Resp: 4560797

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.6
167	13.8	10.9	16.3



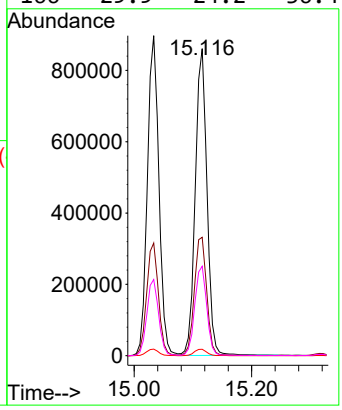


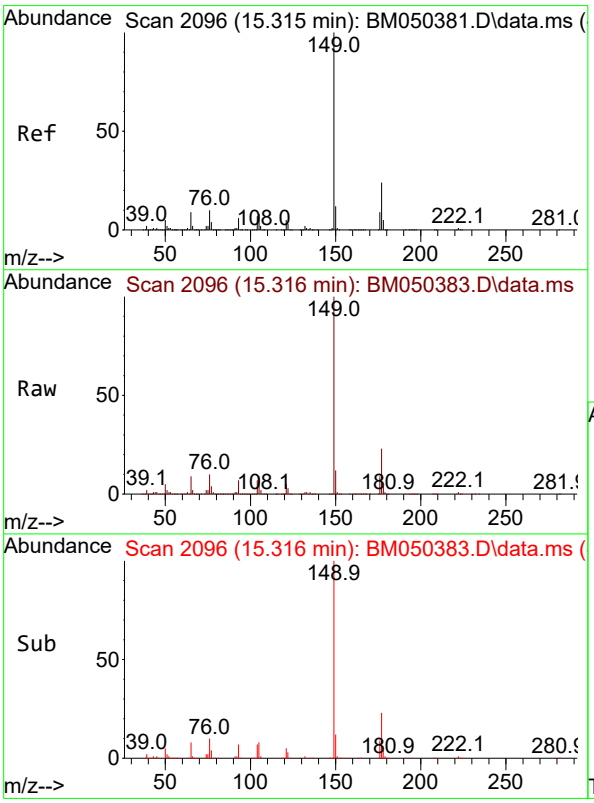
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.202 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1189838

Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.4	50.0
130	2.2	1.8	2.6
166	29.9	24.2	36.4

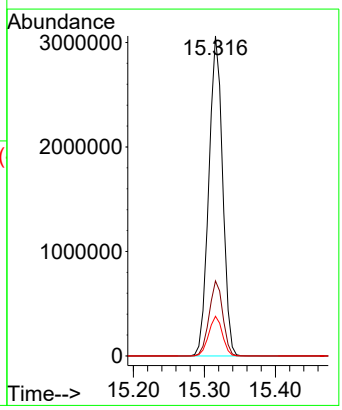


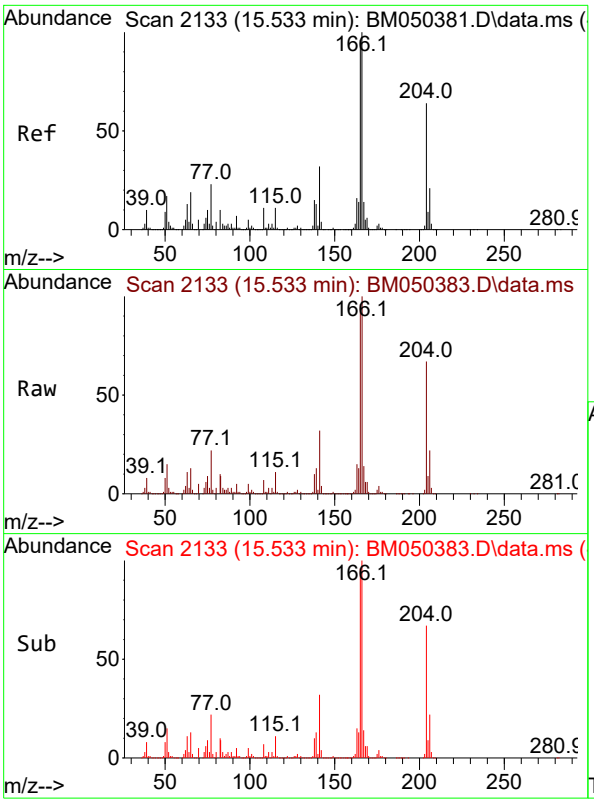


#60
Diethylphthalate
Concen: 62.882 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4130183

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.4	9.8	14.8



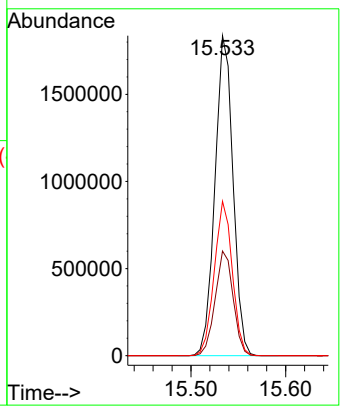


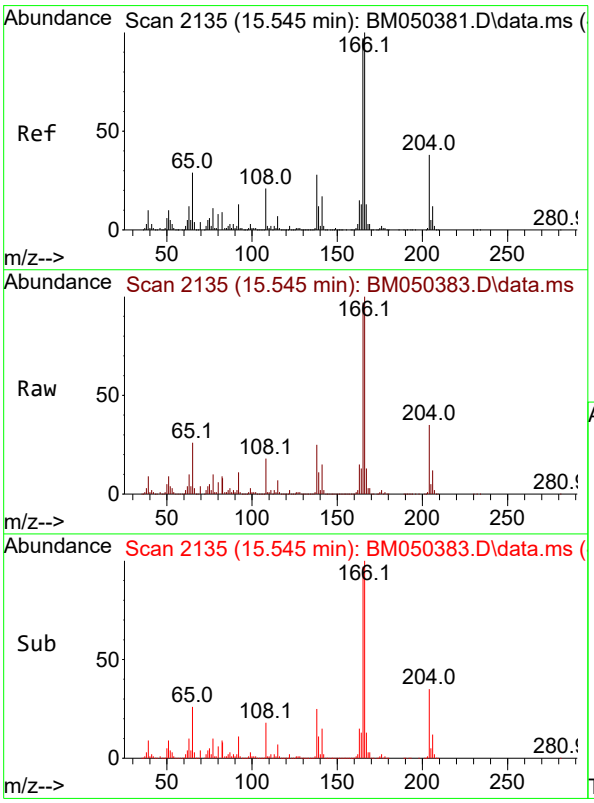
#61
4-Chlorophenyl-phenylether
Concen: 64.533 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 2430909

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	48.2	39.9	59.9

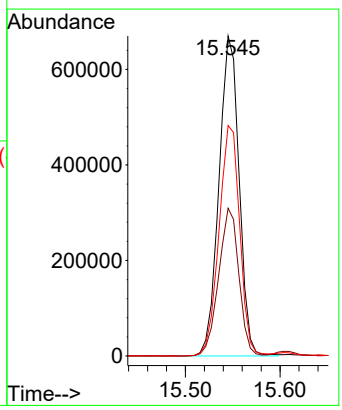


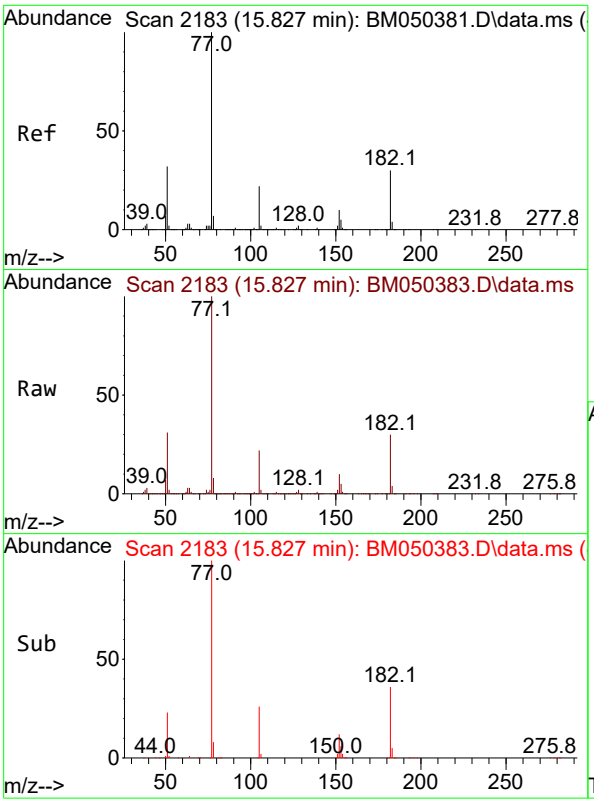


#62
4-Nitroaniline
Concen: 60.686 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:138 Resp: 991212

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	72.0	52.5	92.5



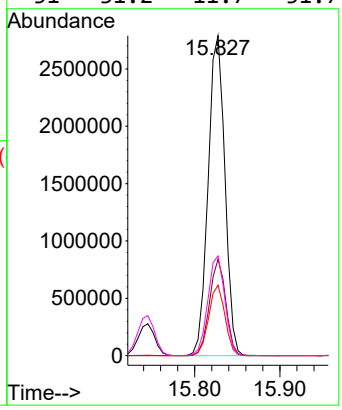


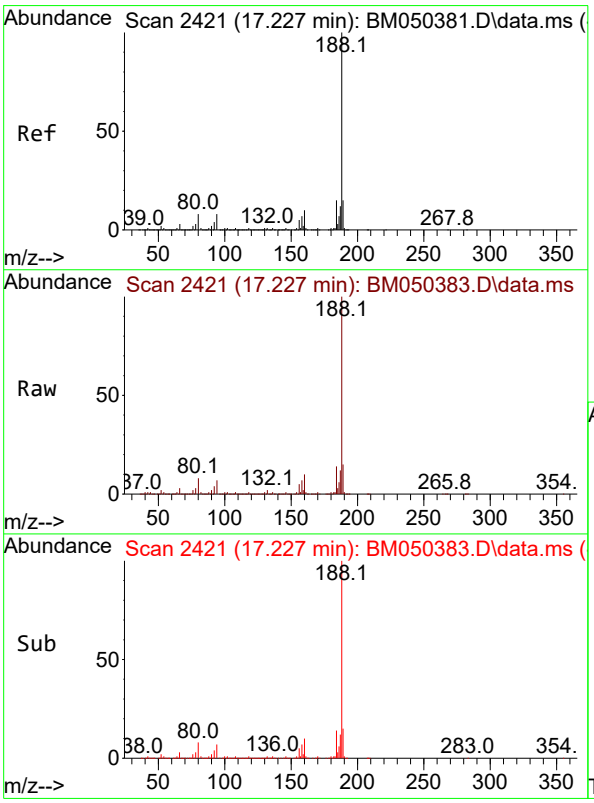
#63
Azobenzene
Concen: 63.206 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3812033

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	22.0	2.0	42.0
51	31.2	11.7	51.7

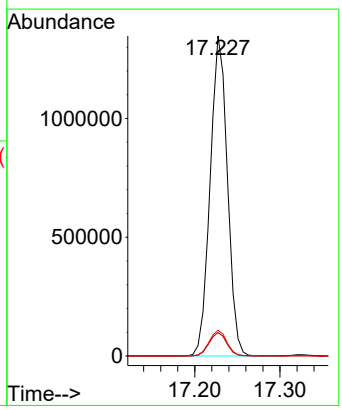


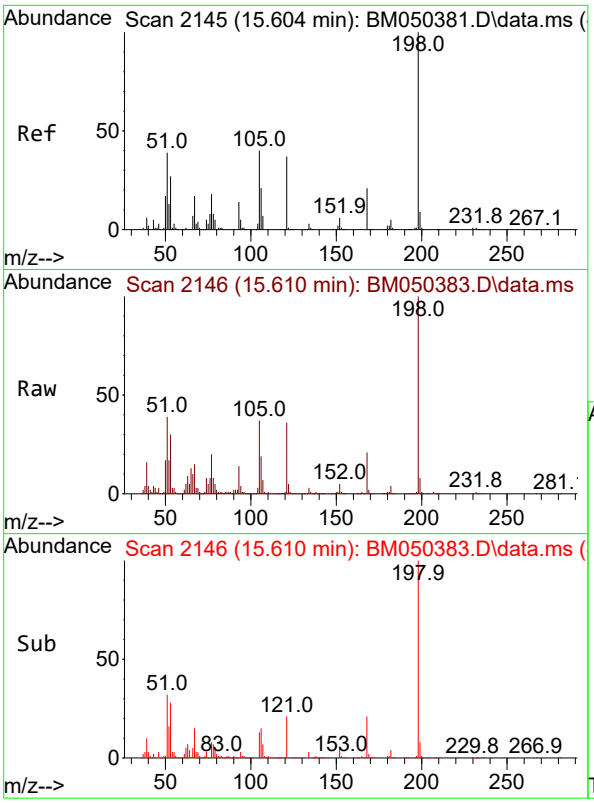


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:188 Resp: 1896999

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7



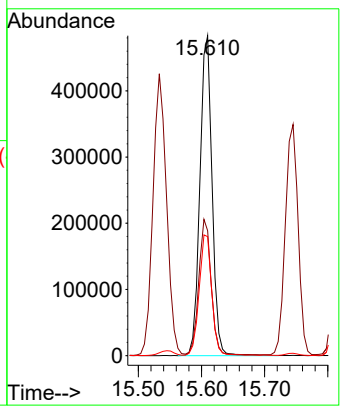


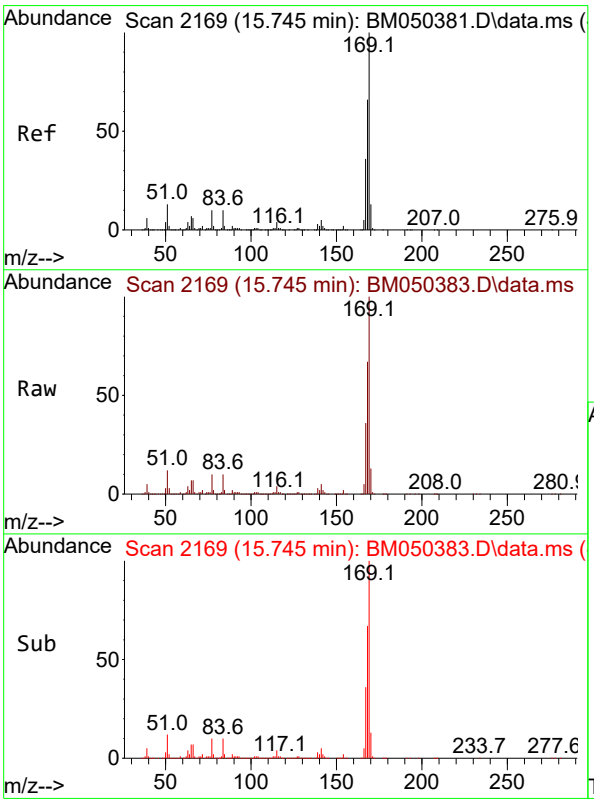
#65
4,6-Dinitro-2-methylphenol
Concen: 61.235 ng
RT: 15.610 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 645034

Ion	Ratio	Lower	Upper
198	100		
51	39.1	26.6	66.6
105	37.2	20.9	60.9

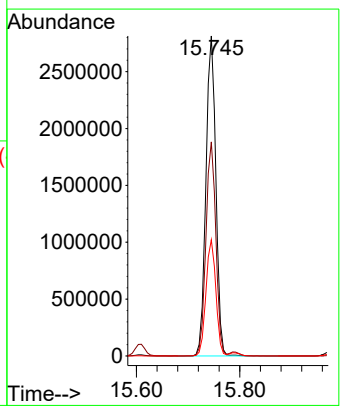


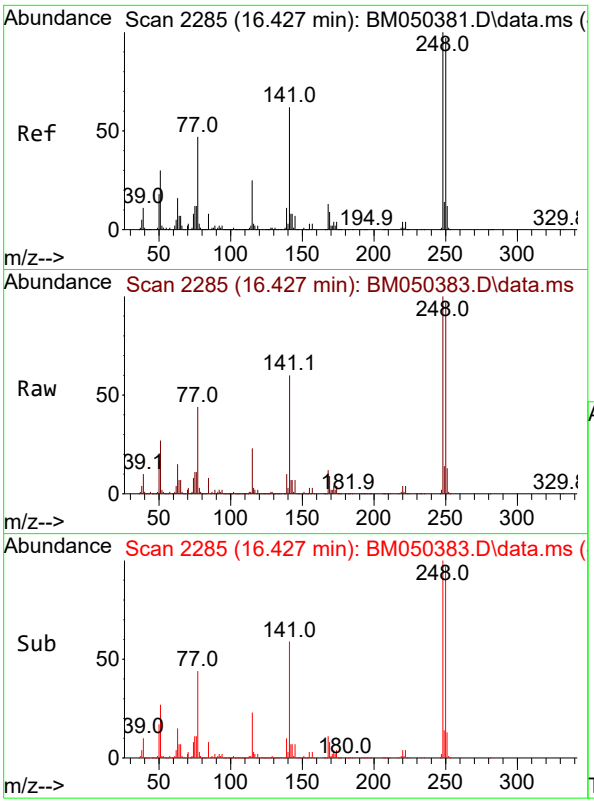


#66
n-Nitrosodiphenylamine
Concen: 63.087 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:169 Resp: 3744872

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.3	28.7	43.1



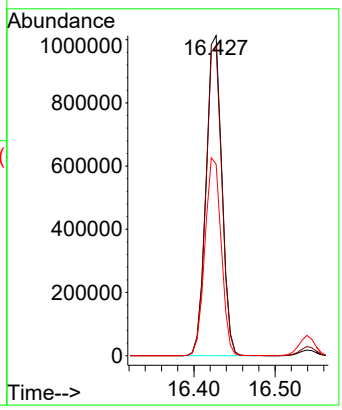


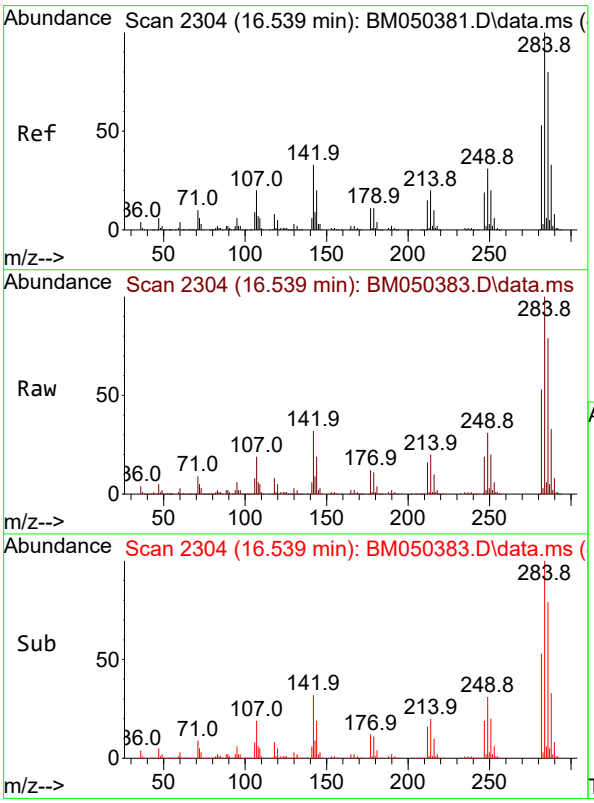
#67
4-Bromophenyl-phenylether
Concen: 65.485 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1368680

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	59.8	49.7	74.5

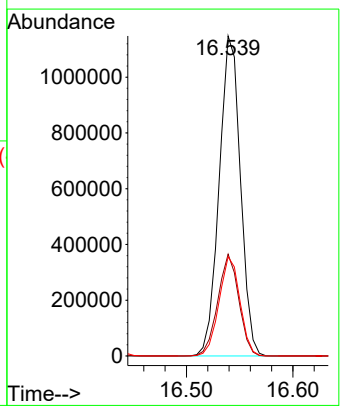


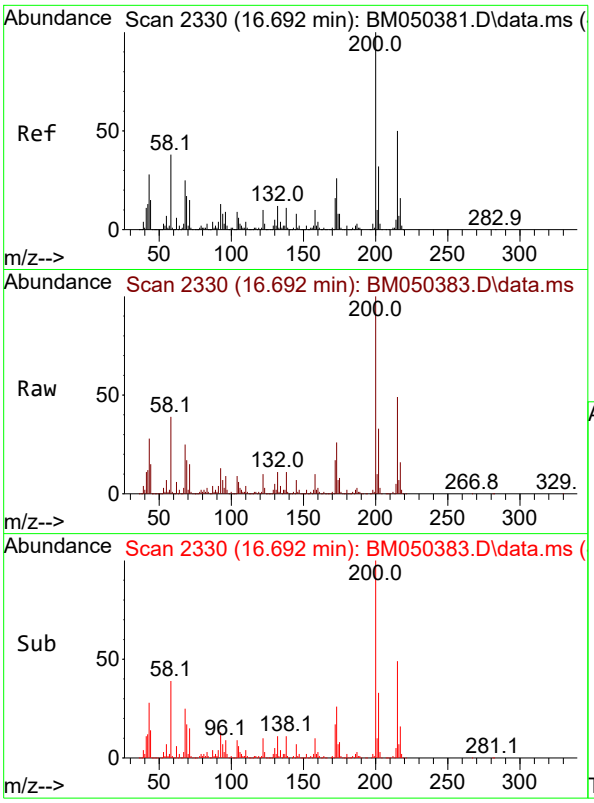


#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:284 Resp: 1586965

Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.8	40.2
249	31.0	24.5	36.7



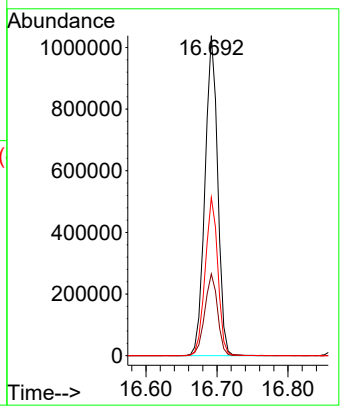


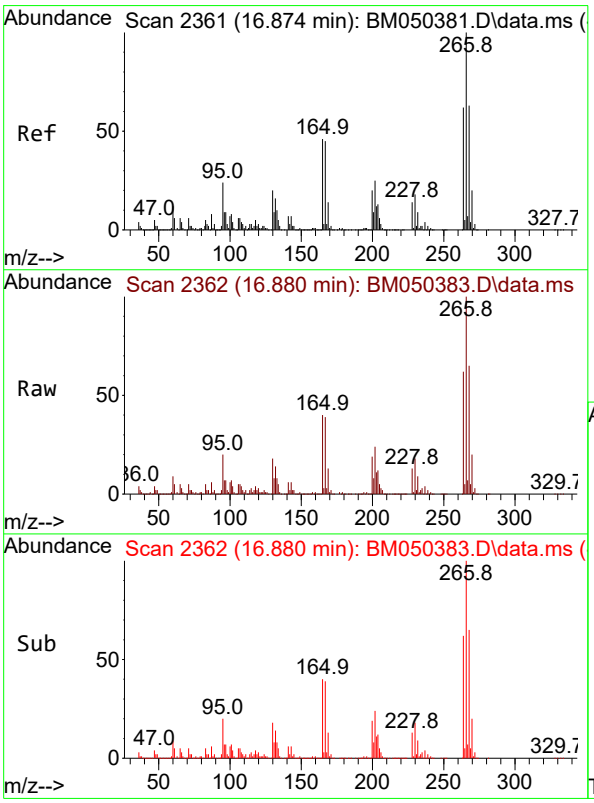
#69
Atrazine
Concen: 66.510 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 1296405

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.6	45.6
215	49.5	29.6	69.6

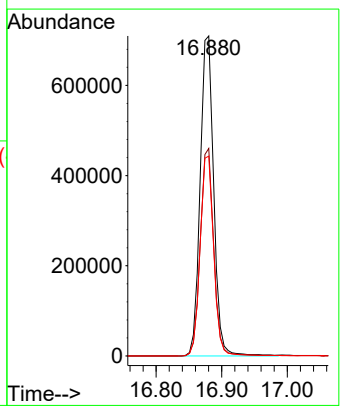


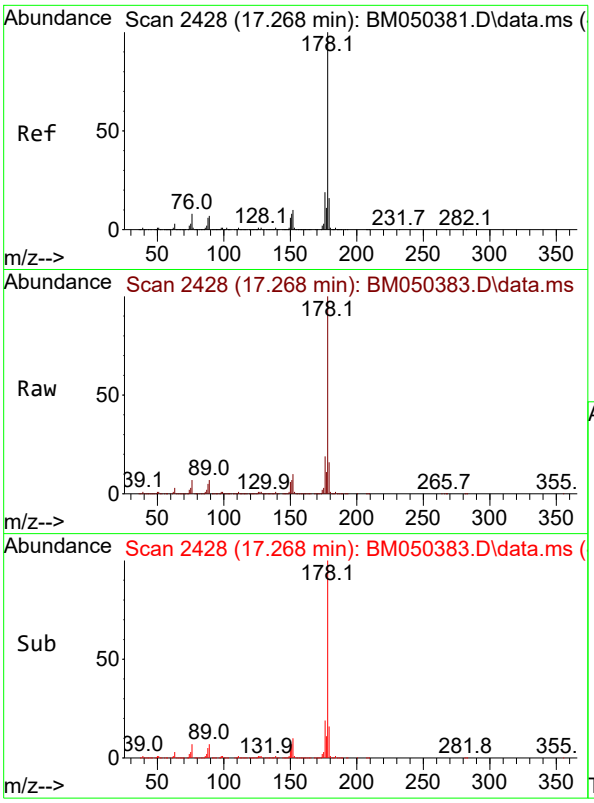


#70
Pentachlorophenol
Concen: 66.535 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:266 Resp: 1022433

Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.5	75.7
264	62.5	49.9	74.9



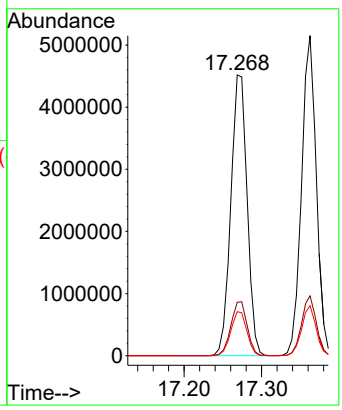


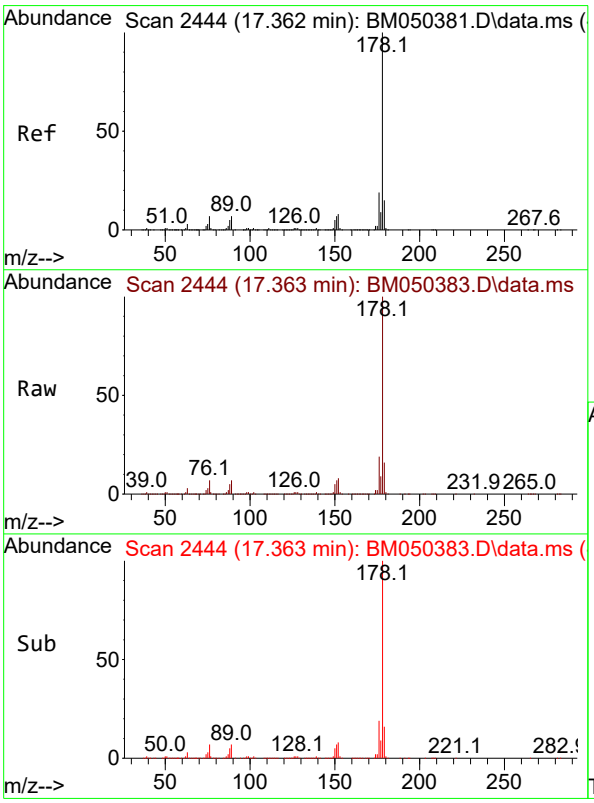
#71
Phenanthrene
Concen: 61.658 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 6618592

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.7	12.5	18.7

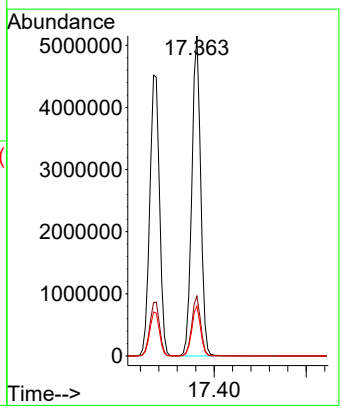


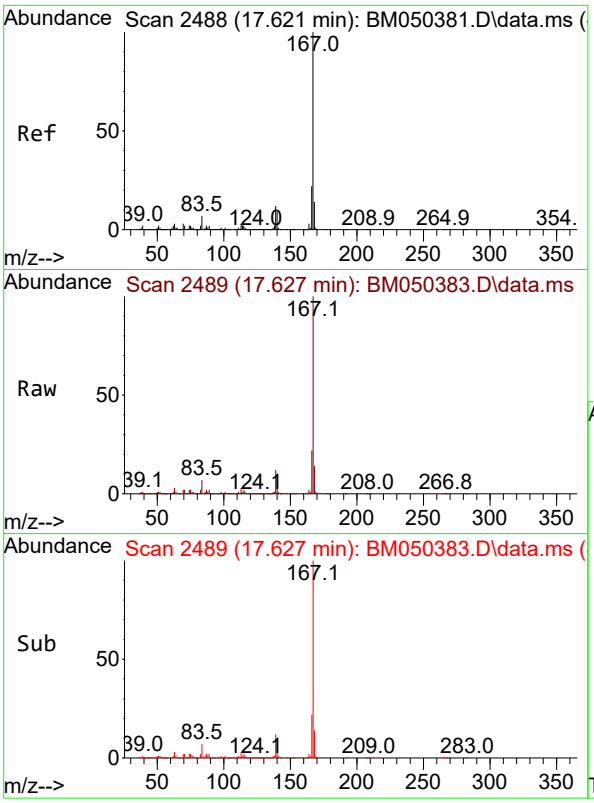


#72
Anthracene
Concen: 64.102 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:178 Resp: 6849285

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.6	12.2	18.4



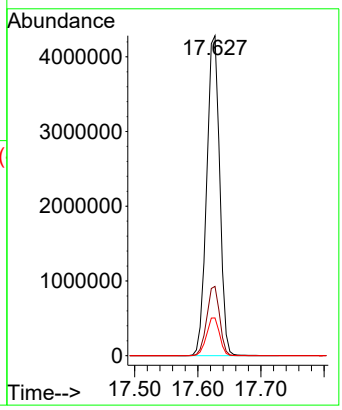


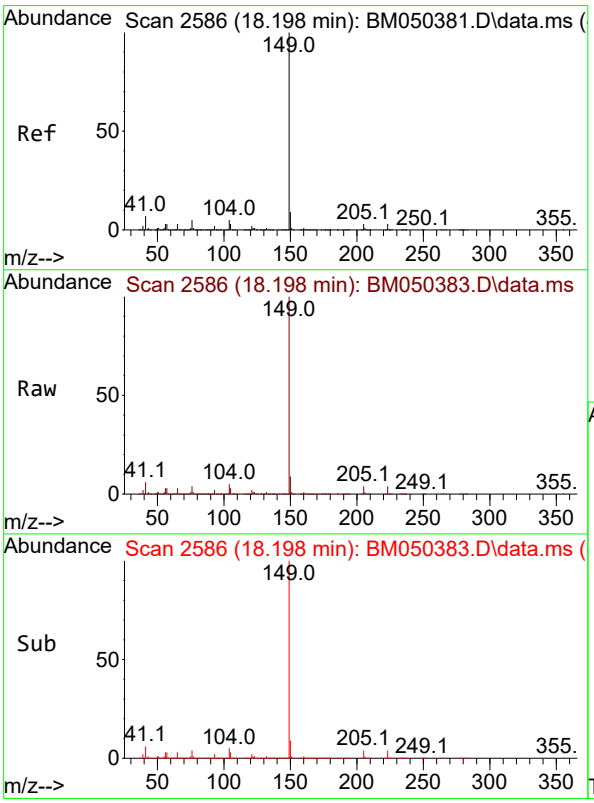
#73
Carbazole
Concen: 63.161 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 6106388

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.8	9.9	14.9

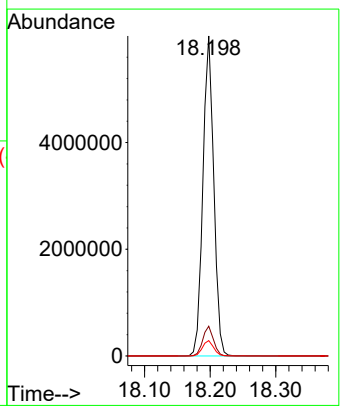


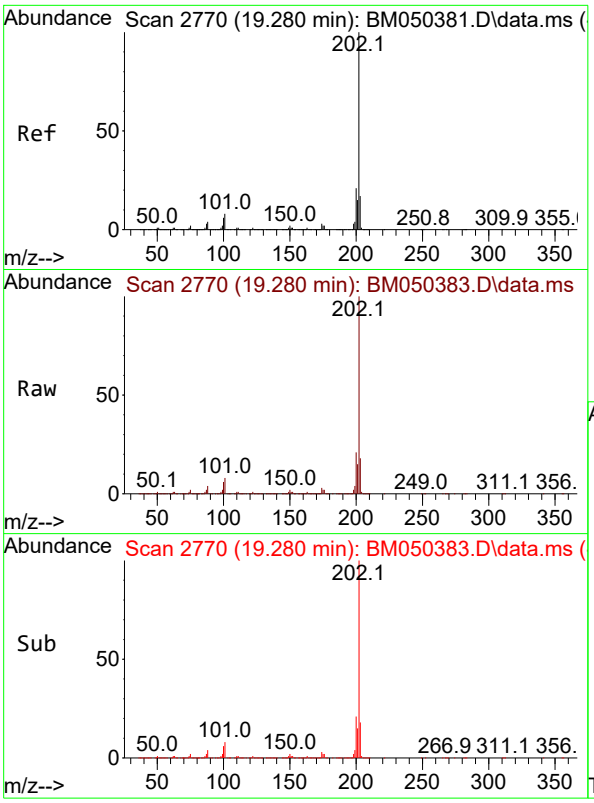


#74
Di-n-butylphthalate
Concen: 65.398 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 6920453

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.9	5.9



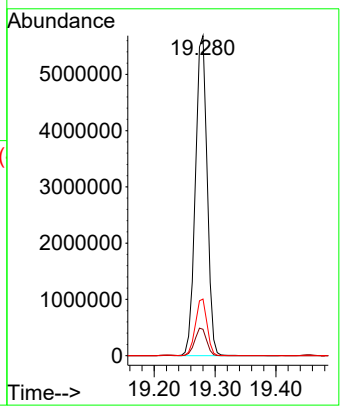


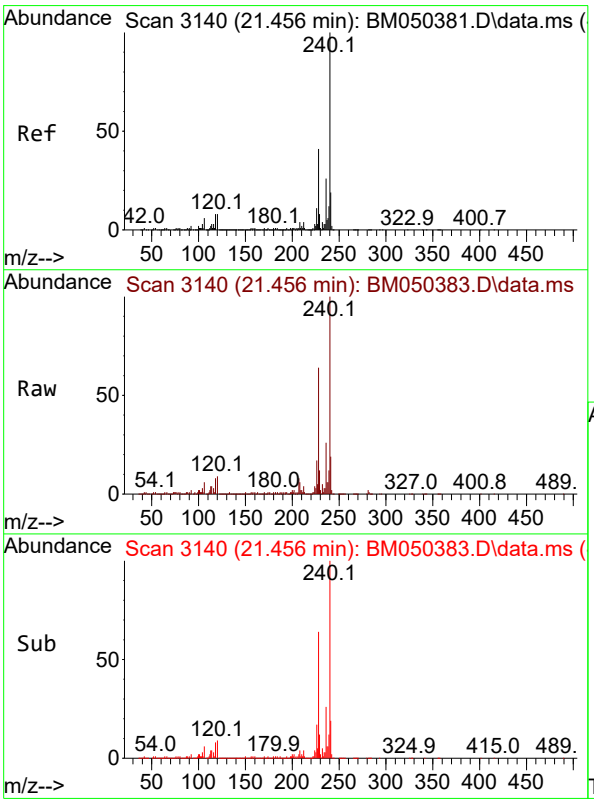
#75
Fluoranthene
Concen: 65.290 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 7618952

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.7	0.0	37.2

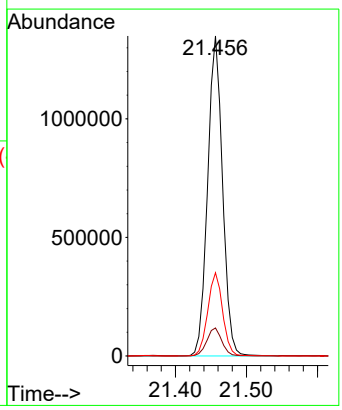


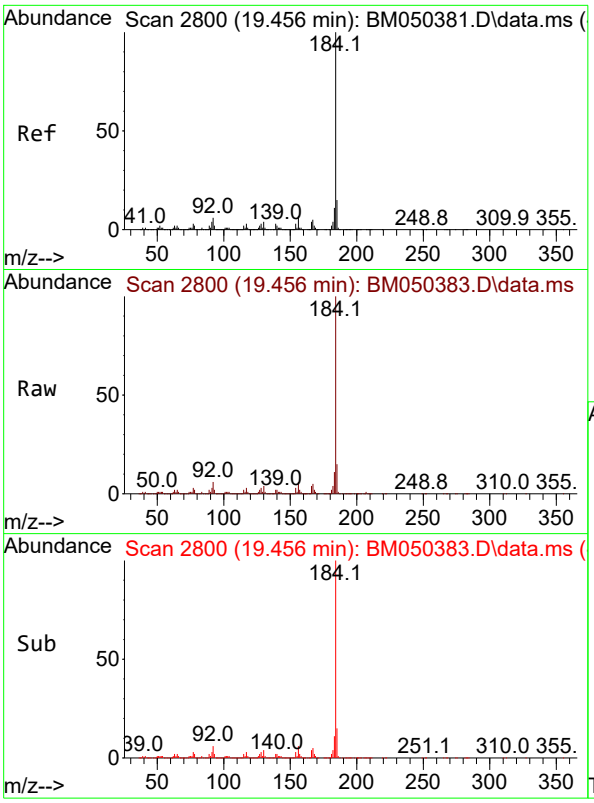


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:240 Resp: 1968054

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.0	20.7	31.1



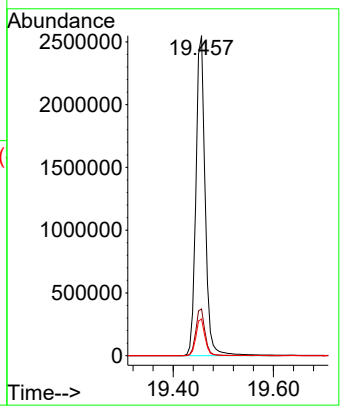


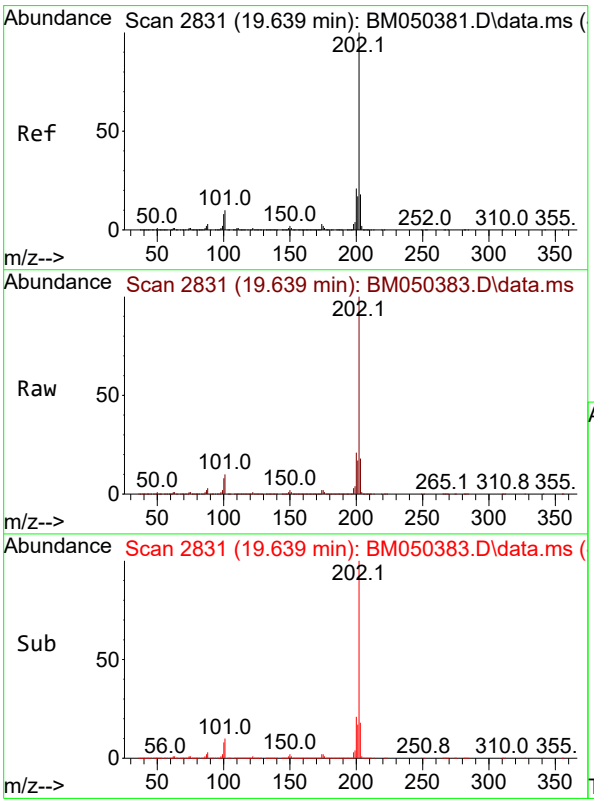
#77
Benzidine
Concen: 64.872 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 3256422

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.5	9.0	13.6

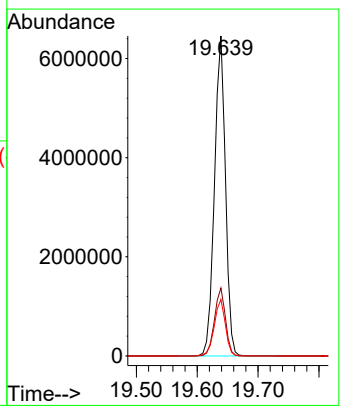


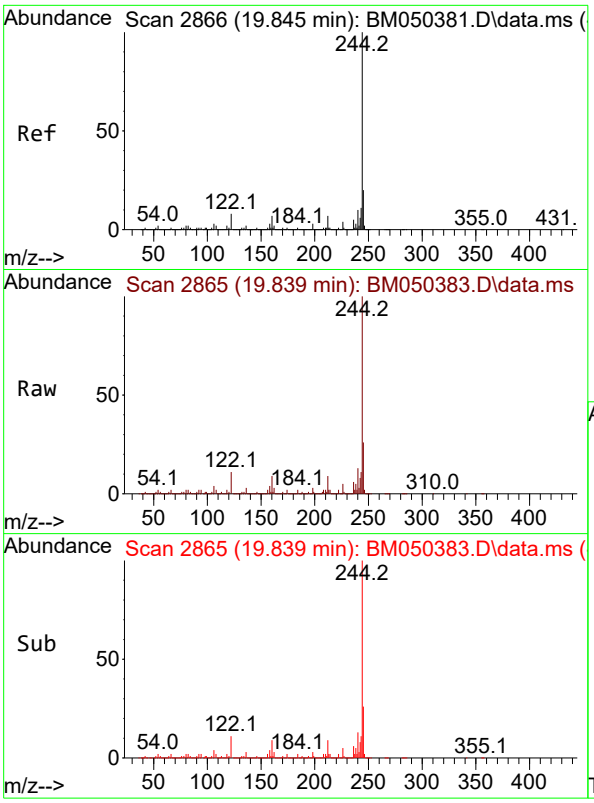


#78
Pyrene
Concen: 64.009 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:202 Resp: 8067941

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.7	14.1	21.1



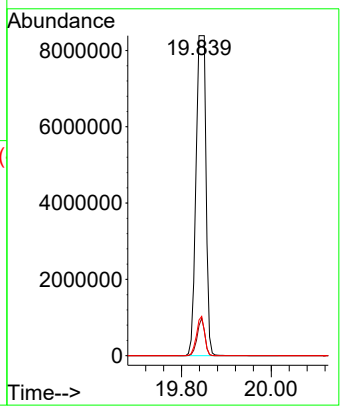


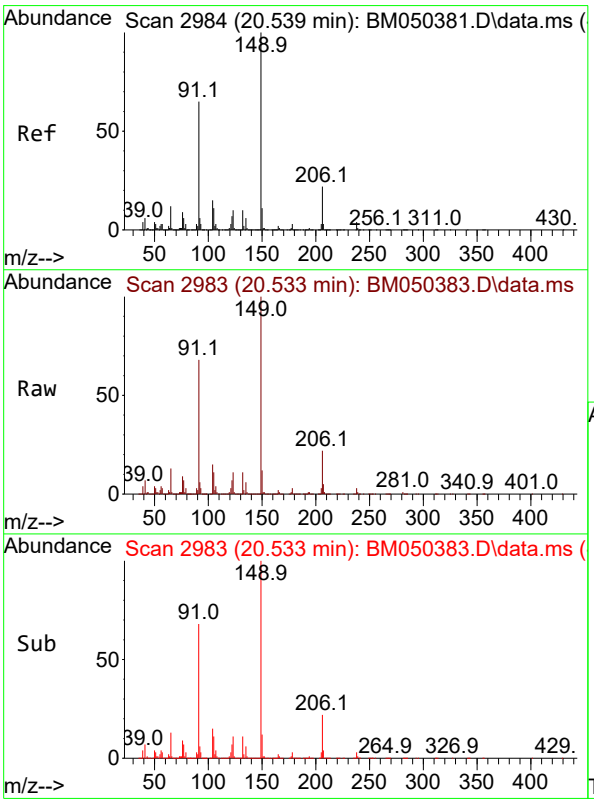
#79
Terphenyl-d14
Concen: 115.460 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:12914894

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.7	8.5#
122	11.2	6.2	9.2#

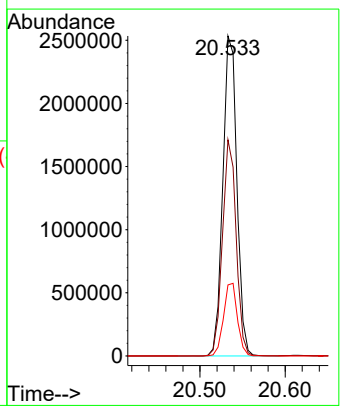


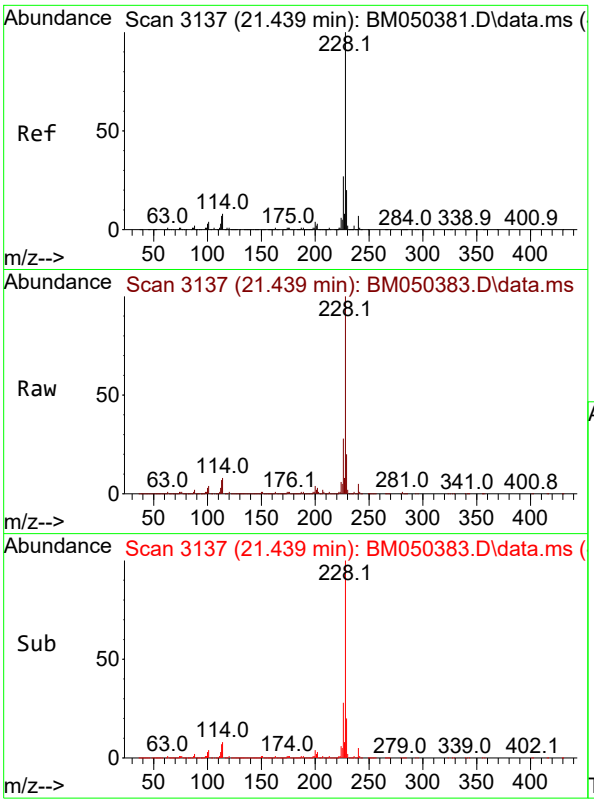


#80
Butylbenzylphthalate
Concen: 69.782 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 2900200

Ion	Ratio	Lower	Upper
149	100		
91	67.6	51.6	77.4
206	22.2	17.8	26.8



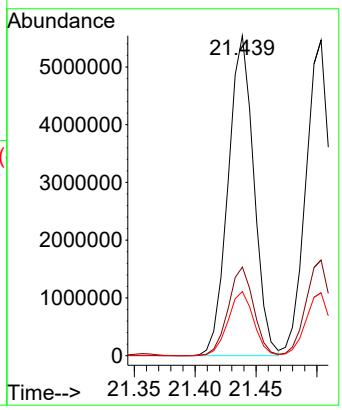


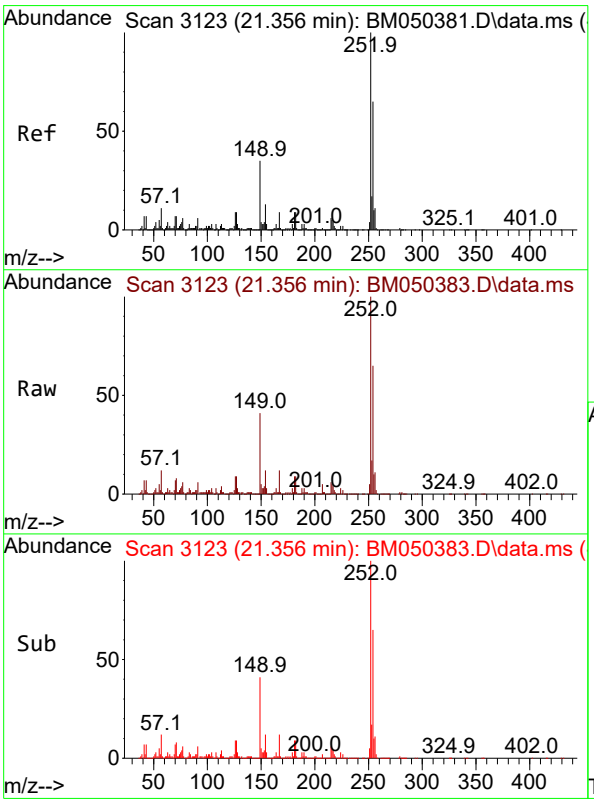
#81
Benzo(a)anthracene
Concen: 63.495 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 8142088

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.1	16.0	24.0

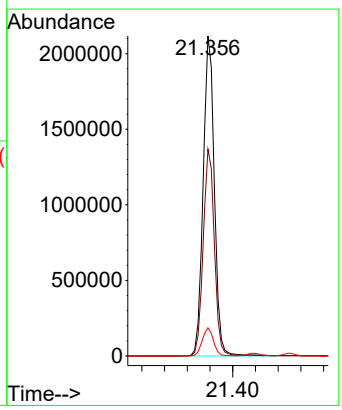


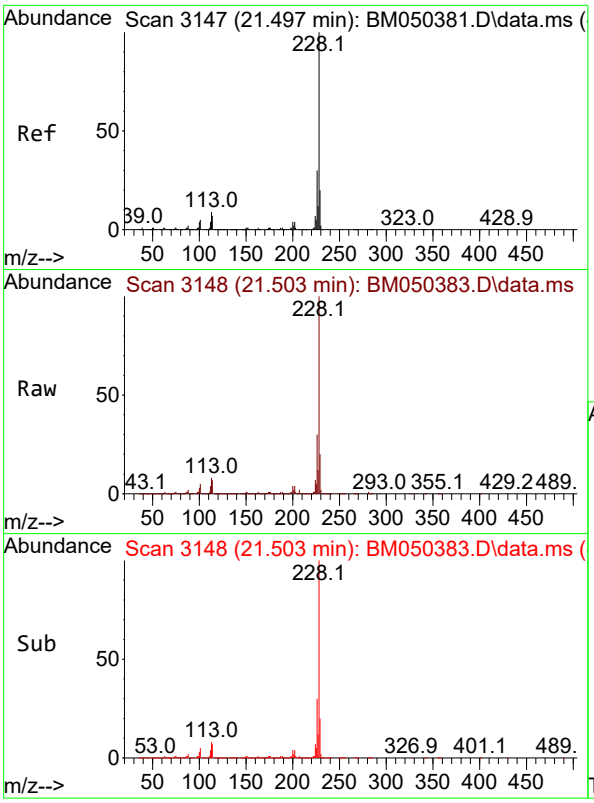


#82
3,3'-Dichlorobenzidine
Concen: 66.553 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 2878037

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	8.8	7.3	10.9



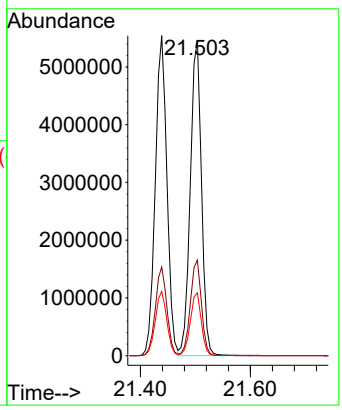


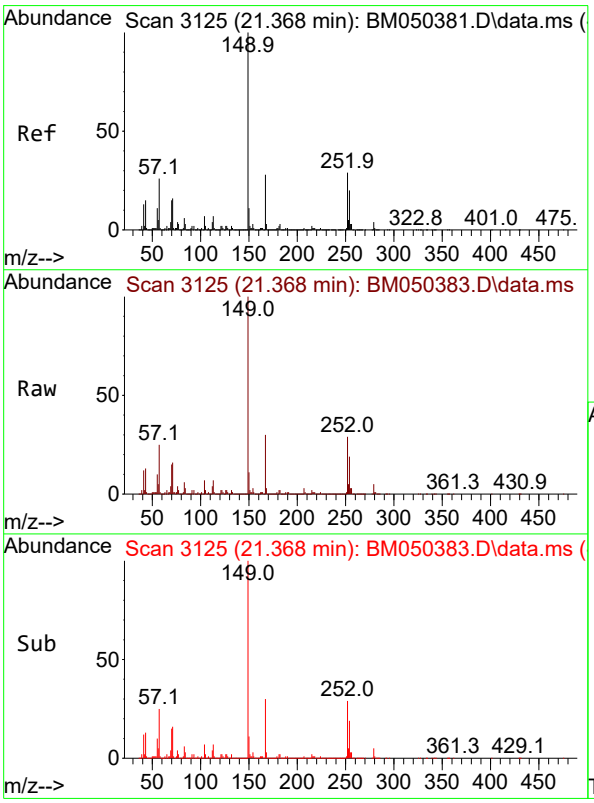
#83
Chrysene
Concen: 63.587 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7690956

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	15.8	23.6

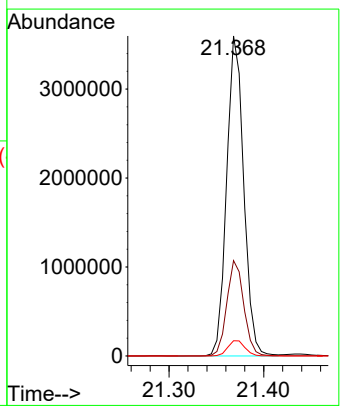


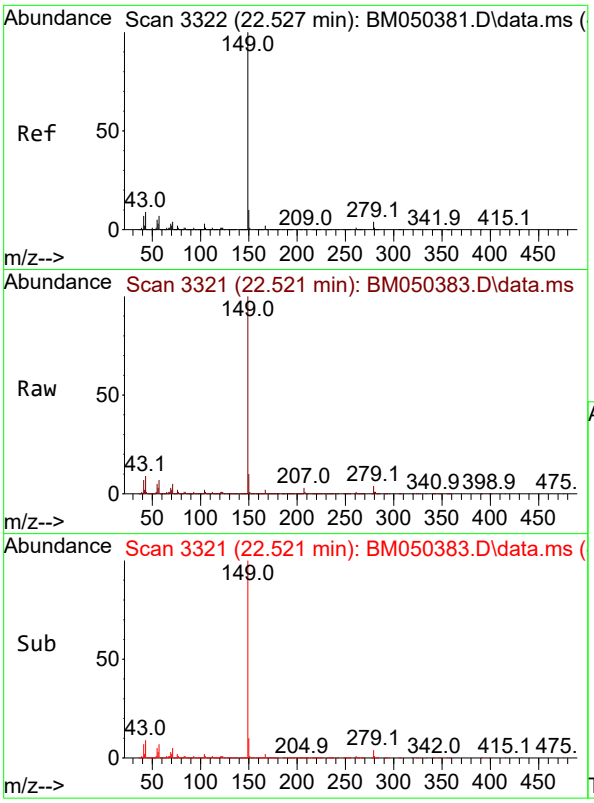


#84
Bis(2-ethylhexyl)phthalate
Concen: 68.268 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4504059

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.7	34.1
279	4.7	3.5	5.3



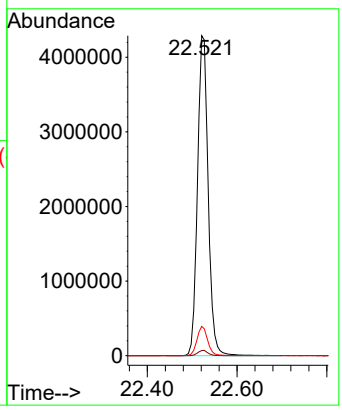


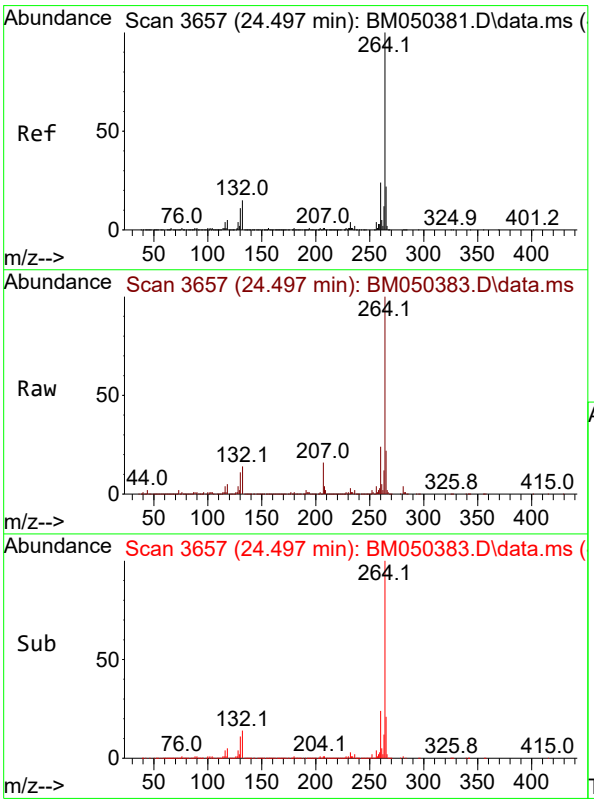
#85
Di-n-octyl phthalate
Concen: 68.206 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 7047940

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.7	11.5

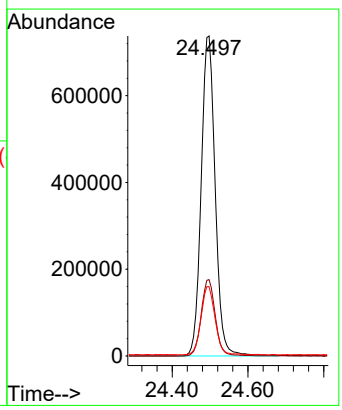


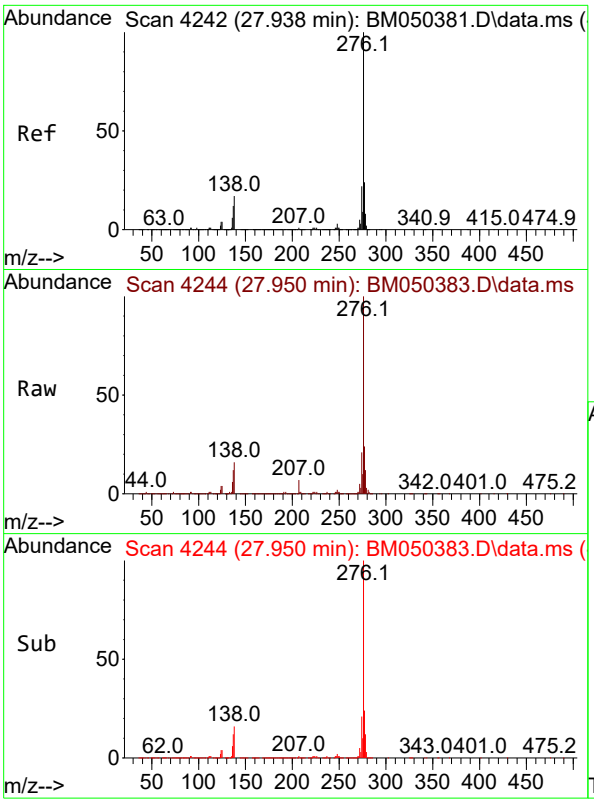


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:264 Resp: 1889317

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.8	26.6



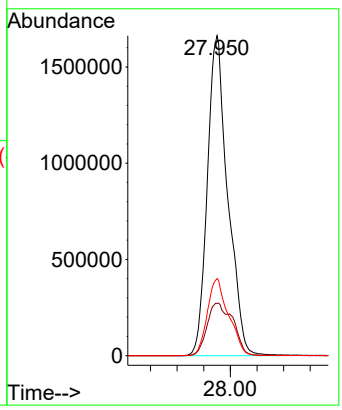


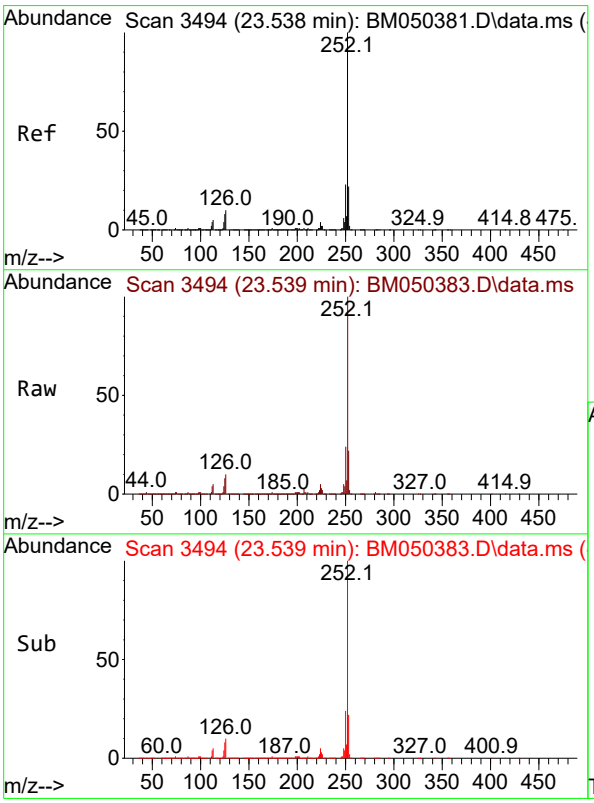
#87
Indeno(1,2,3-cd)pyrene
Concen: 66.007 ng
RT: 27.950 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 8866549

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.0	25.6
277	25.2	20.0	30.0

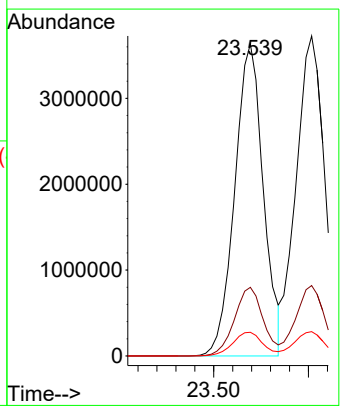


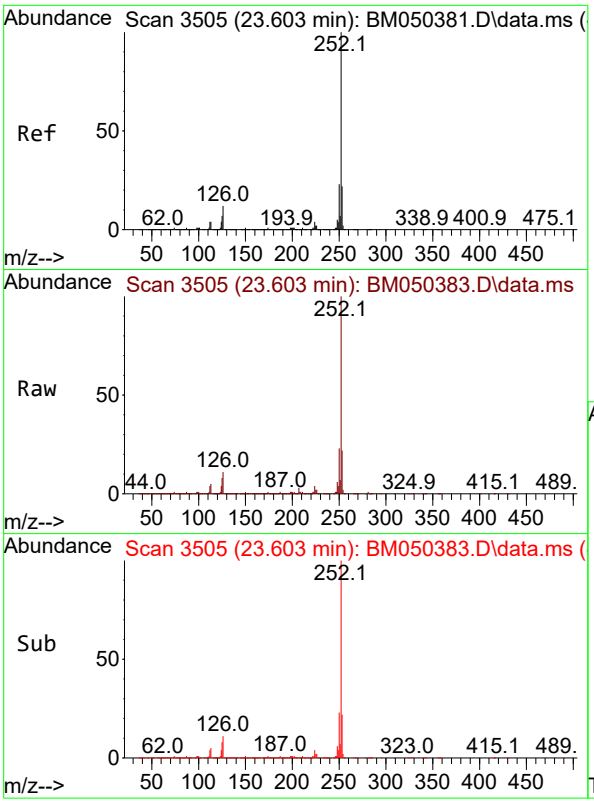


#88
Benzo(b)fluoranthene
Concen: 65.548 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7617485

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.6	6.3	9.5



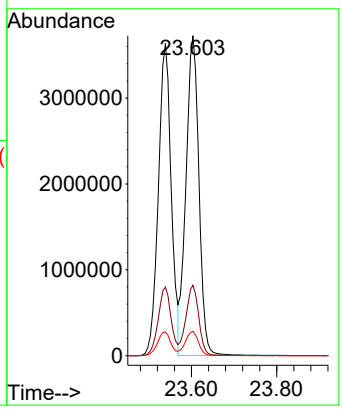


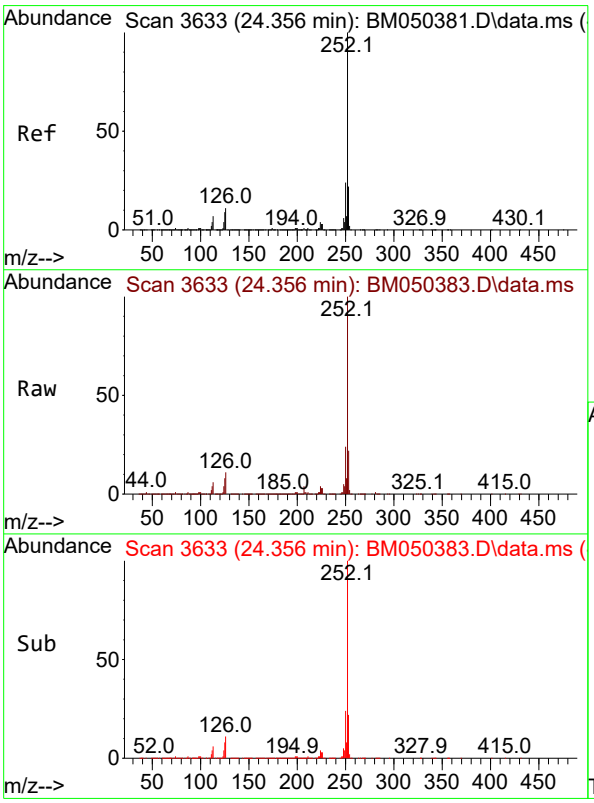
#89
Benzo(k)fluoranthene
Concen: 65.192 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 7861158

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.6	6.2	9.2

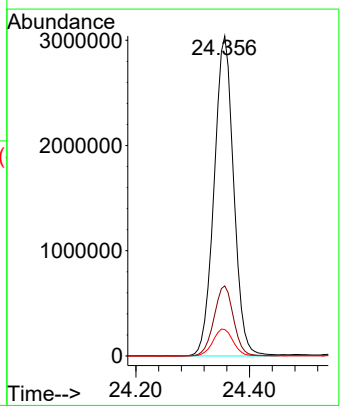


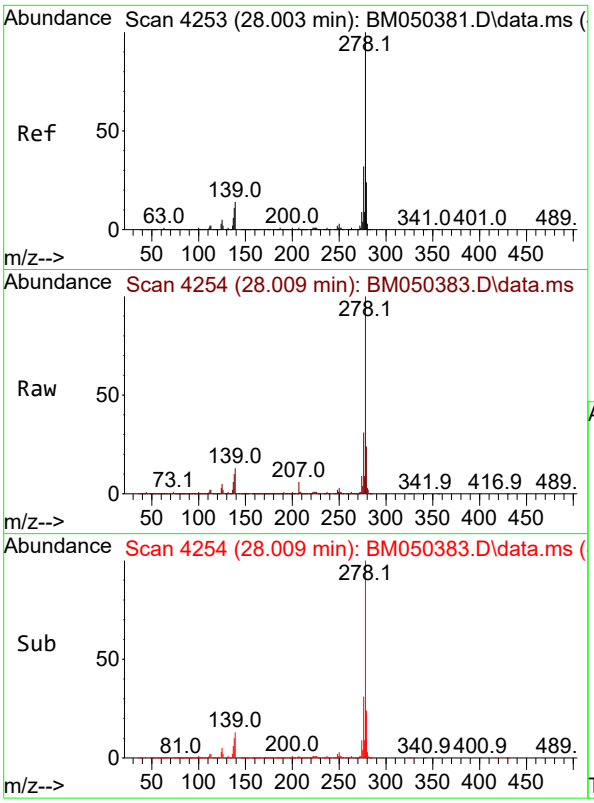


#90
Benzo(a)pyrene
Concen: 66.744 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7260855

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	7.0	10.4



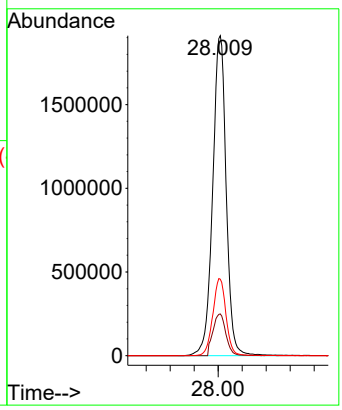


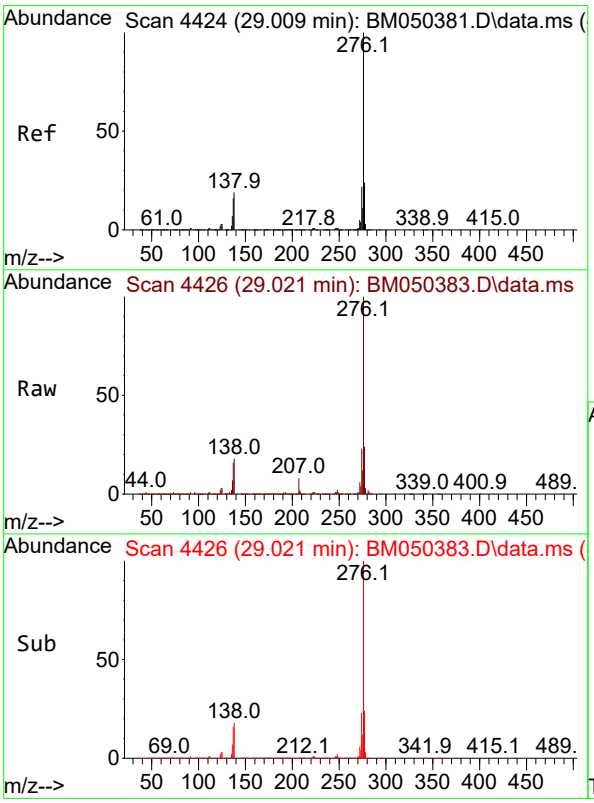
#91
Dibenzo(a,h)anthracene
Concen: 66.155 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 7483970

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.9	19.4	29.0

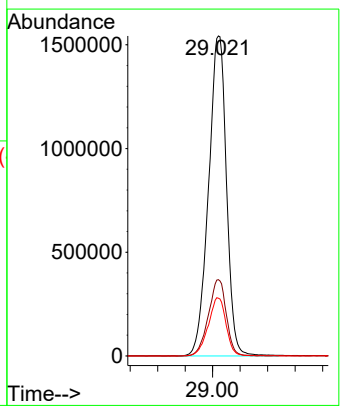




#92
Benzo(g,h,i)perylene
Concen: 65.319 ng
RT: 29.021 min Scan# 4426
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:276 Resp: 6983867

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.1	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429681	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1643859	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1043719	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1944455	20.000	ng	0.00
76) Chrysene-d12	21.457	240	2055292	20.000	ng	0.00
86) Perylene-d12	24.498	264	1953481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4014825	160.835	ng	0.00
7) Phenol-d6	7.028	99	5149049	163.630	ng	0.00
23) Nitrobenzene-d5	9.028	82	5264647	163.391	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	2335664	184.182	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	13148691	155.576	ng	0.00
79) Terphenyl-d14	19.839	244	14435460	123.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	785309	76.507	ng	99
3) Pyridine	3.734	79	2123609	78.804	ng	98
4) n-Nitrosodimethylamine	3.640	42	970223	77.228	ng	96
6) Aniline	7.193	93	3301305	81.748	ng	99
8) 2-Chlorophenol	7.428	128	2162654	82.163	ng	99
10) Phenol	7.052	94	2637766	80.368	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	2092911	79.625	ng	99
12) 1,3-Dichlorobenzene	7.757	146	2517372	78.654	ng	98
13) 1,4-Dichlorobenzene	7.904	146	2555213	78.187	ng	99
14) 1,2-Dichlorobenzene	8.222	146	2454039	78.434	ng	99
15) Benzyl Alcohol	8.104	79	1807870	81.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	2991629	77.270	ng	99
17) 2-Methylphenol	8.304	107	1732716	81.397	ng	99
18) Hexachloroethane	8.951	117	932539	81.135	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	1587587	83.281	ng	95
20) 3+4-Methylphenols	8.634	107	2300155	80.491	ng	100
22) Acetophenone	8.687	105	3217324	78.279	ng	98
24) Nitrobenzene	9.063	77	2296616	79.875	ng	100
25) Isophorone	9.598	82	4289620	82.044	ng	100
26) 2-Nitrophenol	9.775	139	1095059	93.448	ng	97
27) 2,4-Dimethylphenol	9.834	122	2026460	81.267	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	2760921	79.691	ng	99
29) 2,4-Dichlorophenol	10.310	162	2134843	83.334	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	2483928	81.052	ng	99
31) Naphthalene	10.716	128	6520664	78.095	ng	100
32) Benzoic acid	9.993	122	1311597	81.001	ng	97
33) 4-Chloroaniline	10.816	127	2873151	81.395	ng	99
34) Hexachlorobutadiene	11.010	225	1546563	82.684	ng	100
35) Caprolactam	11.604	113	594080	84.949	ng	93
36) 4-Chloro-3-methylphenol	11.940	107	1983864	82.929	ng	100
37) 2-Methylnaphthalene	12.322	142	4254768	80.705	ng	99
38) 1-Methylnaphthalene	12.545	142	4475032	80.207	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2824950	85.112	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1914528	90.239	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1782842	87.263	ng	99
44) 2,4,5-Trichlorophenol	12.998	196	1919360	86.021	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.334	154	6141549	79.310	ng		100
47) 2-Chloronaphthalene	13.375	162	4889665	79.196	ng		99
48) 2-Nitroaniline	13.569	65	1233222	89.485	ng		96
49) Acenaphthylene	14.222	152	7559726	81.019	ng		100
50) Dimethylphthalate	13.957	163	5732691	79.779	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1207179	87.496	ng		99
52) Acenaphthene	14.563	154	4833886	81.486	ng		99
53) 3-Nitroaniline	14.392	138	1297724	88.444	ng		99
54) 2,4-Dinitrophenol	14.592	184	626569	82.116	ng		86
55) Dibenzofuran	14.892	168	7143343	78.152	ng		99
56) 4-Nitrophenol	14.692	139	1075848	85.262	ng		93
57) 2,4-Dinitrotoluene	14.851	165	1674329	79.189	ng		94
58) Fluorene	15.539	166	6138107	81.530	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1636646	87.136	ng		97
60) Diethylphthalate	15.316	149	5511226	80.291	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	3298863	83.798	ng		98
62) 4-Nitroaniline	15.551	138	1336300	77.536	ng		97
63) Azobenzene	15.828	77	5026045	79.741	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	912781	82.140	ng		92
66) n-Nitrosodiphenylamine	15.745	169	5086187	83.592	ng		100
67) 4-Bromophenyl-phenylether	16.427	248	1878071	87.664	ng		97
68) Hexachlorobenzene	16.539	284	2164238	85.534	ng		97
69) Atrazine	16.692	200	1767182	88.450	ng		99
70) Pentachlorophenol	16.880	266	1425059	90.473	ng		99
71) Phenanthrene	17.274	178	8893346	80.828	ng		99
72) Anthracene	17.363	178	9167986	83.709	ng		99
73) Carbazole	17.627	167	8180242	82.547	ng		99
74) Di-n-butylphthalate	18.198	149	9300935	85.749	ng		99
75) Fluoranthene	19.280	202	10317307	86.256	ng		99
77) Benzidine	19.457	184	3817410	72.819	ng		100
78) Pyrene	19.639	202	10818153	82.185	ng		99
80) Butylbenzylphthalate	20.539	149	3938114	90.734	ng		97
81) Benzo(a)anthracene	21.439	228	11055858	82.558	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	3825108	84.699	ng		99
83) Chrysene	21.504	228	10270454	81.310	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	6100517	88.540	ng	#	96
85) Di-n-octyl phthalate	22.527	149	9722259	90.093	ng		99
87) Indeno(1,2,3-cd)pyrene	27.956	276	12120915	87.270	ng		99
88) Benzo(b)fluoranthene	23.545	252	10371642	86.316	ng		99
89) Benzo(k)fluoranthene	23.609	252	10546917	84.592	ng		100
90) Benzo(a)pyrene	24.362	252	9879526	87.833	ng		100
91) Dibenzo(a,h)anthracene	28.015	278	10165335	86.905	ng		99
92) Benzo(g,h,i)perylene	29.027	276	9504954	85.979	ng		99

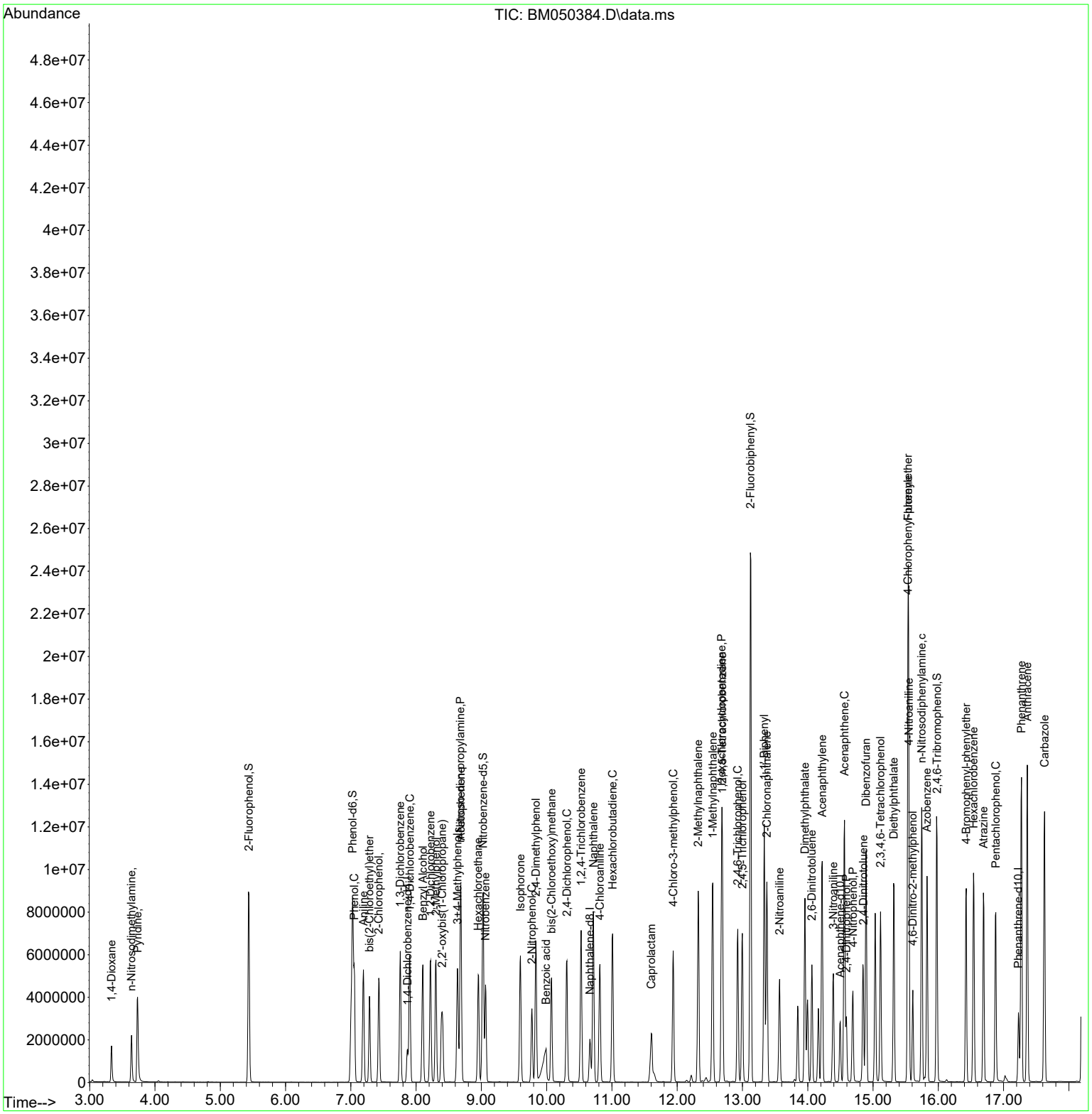
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

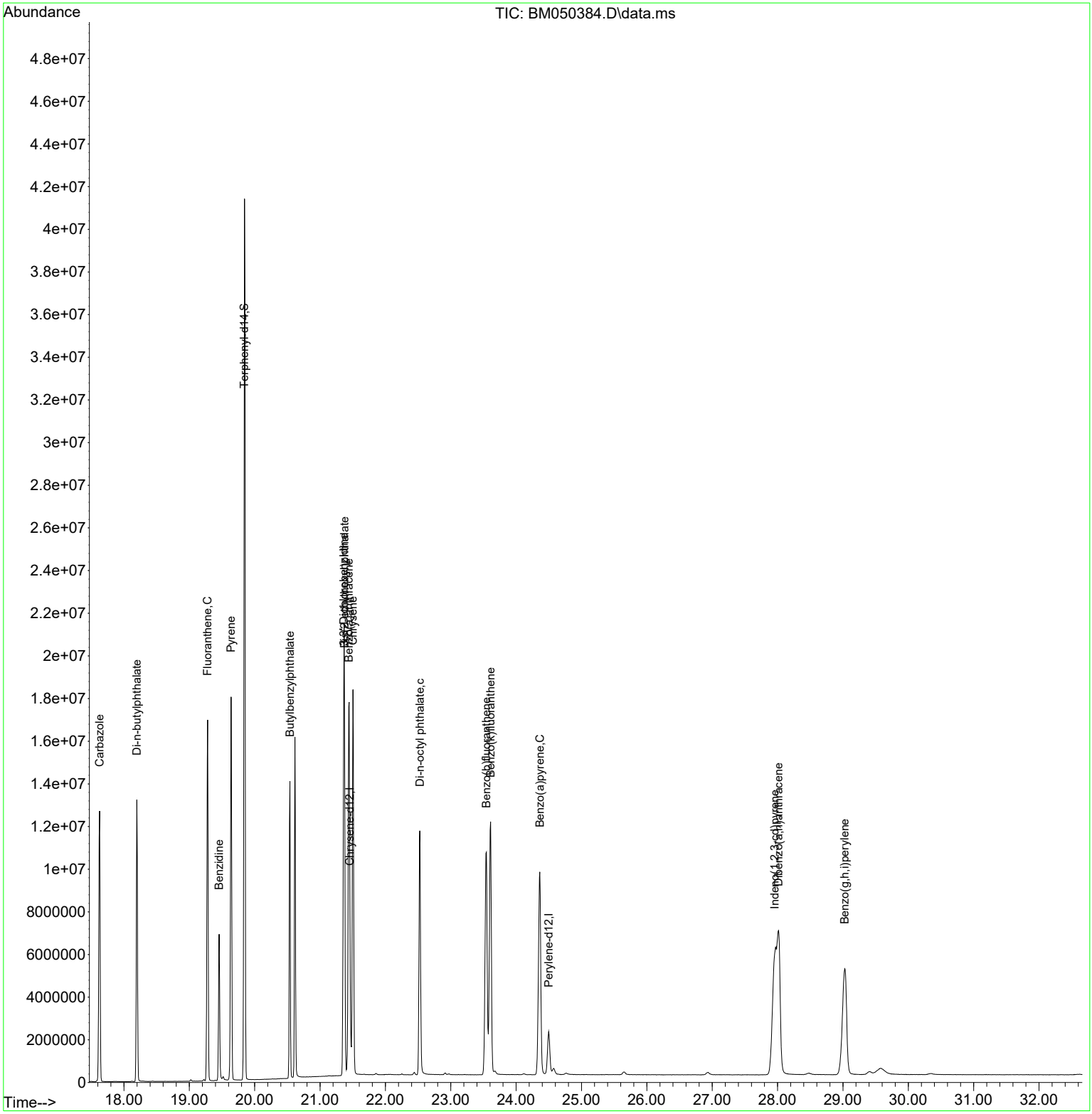


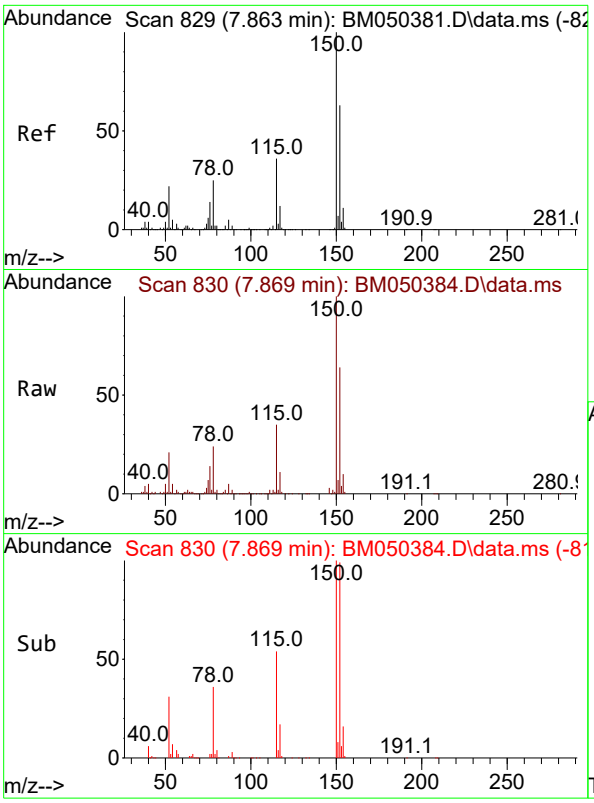
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



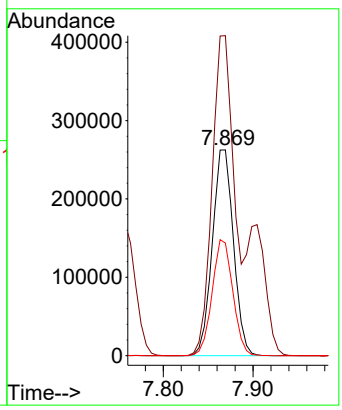


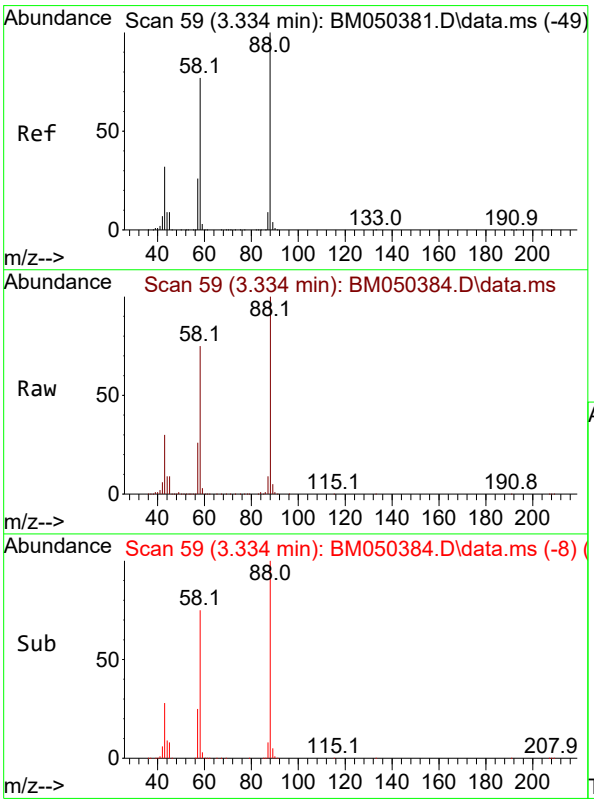
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 429681

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.4
115	54.7	45.8	68.8

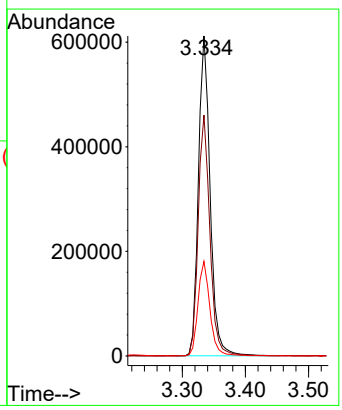


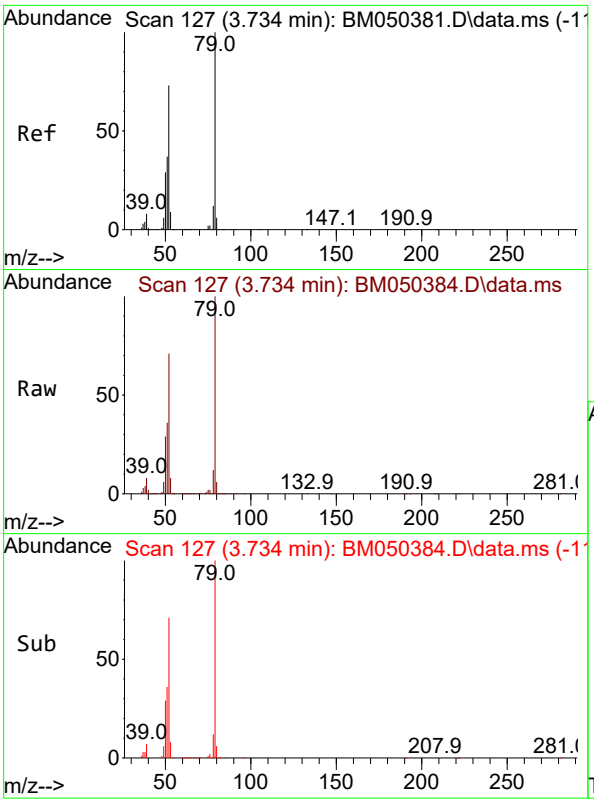


#2
1,4-Dioxane
Concen: 76.507 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 88 Resp: 785309

Ion	Ratio	Lower	Upper
88	100		
58	75.7	61.0	91.6
43	30.0	24.6	37.0



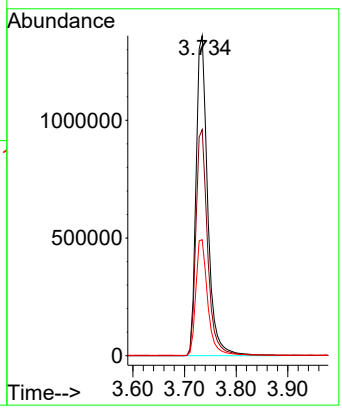


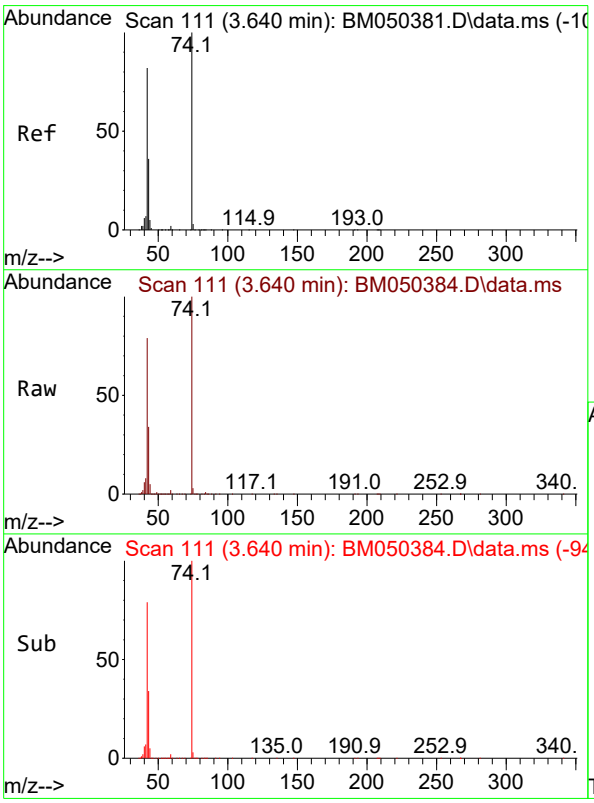
#3
Pyridine
Concen: 78.804 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 2123609

Ion	Ratio	Lower	Upper
79	100		
52	70.7	58.3	87.5
51	36.2	29.6	44.4

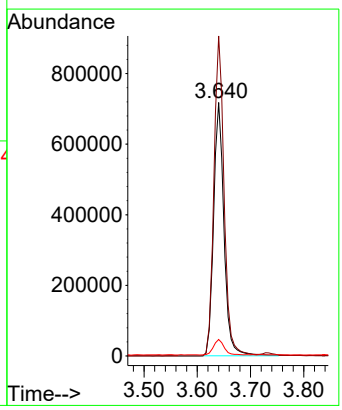


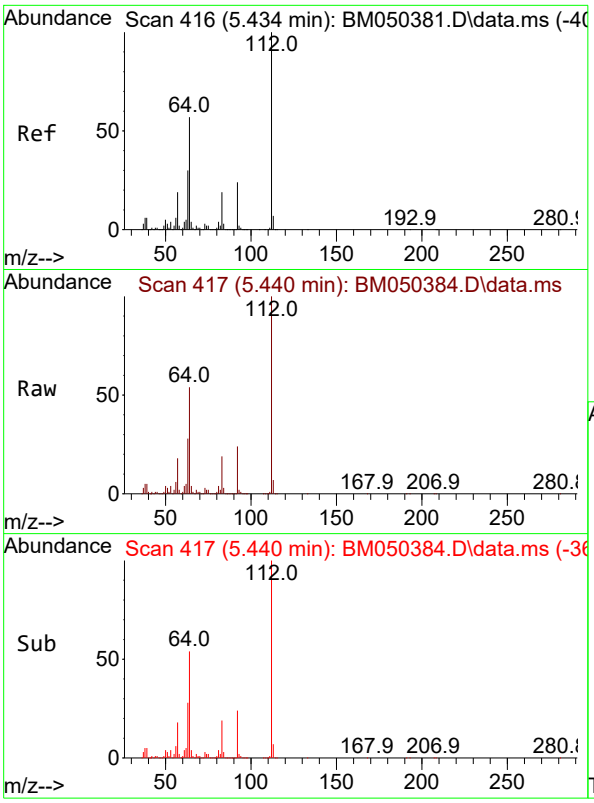


#4
n-Nitrosodimethylamine
Concen: 77.228 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 42 Resp: 970223

Ion	Ratio	Lower	Upper
42	100		
74	126.3	97.5	146.3
44	6.5	5.7	8.5



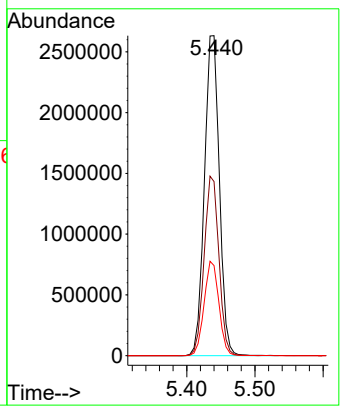


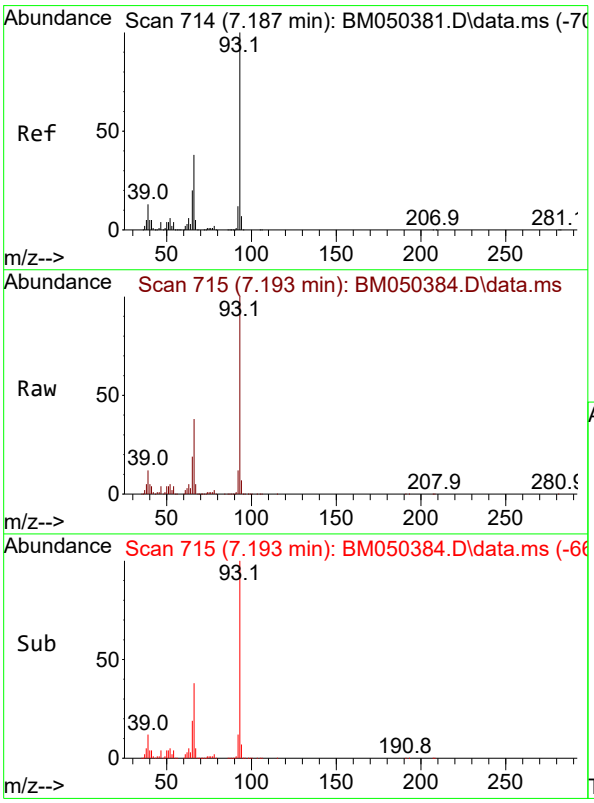
#5
2-Fluorophenol
Concen: 160.835 ng
RT: 5.440 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 4014825

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.5	68.3
63	28.1	24.2	36.4

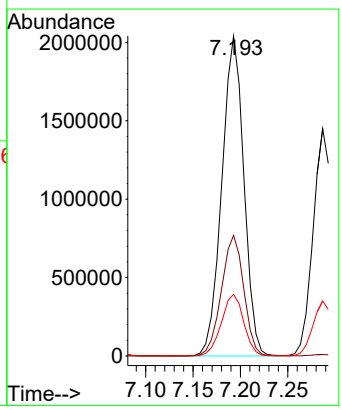


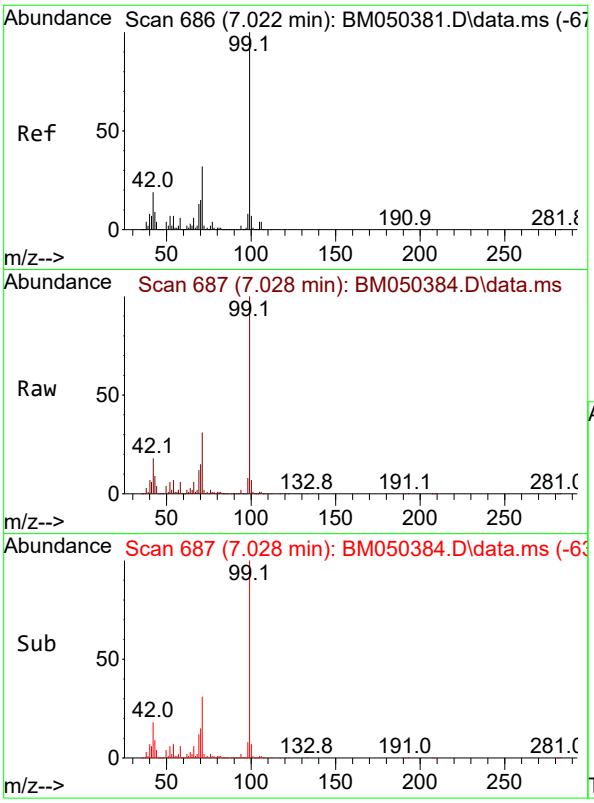


#6
Aniline
Concen: 81.748 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 3301305

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.2	15.9	23.9



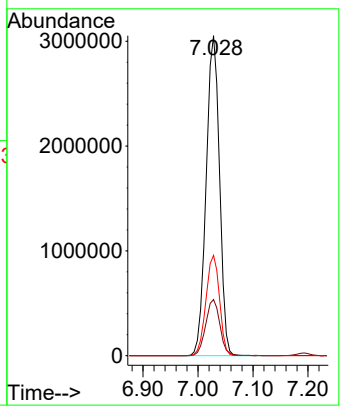


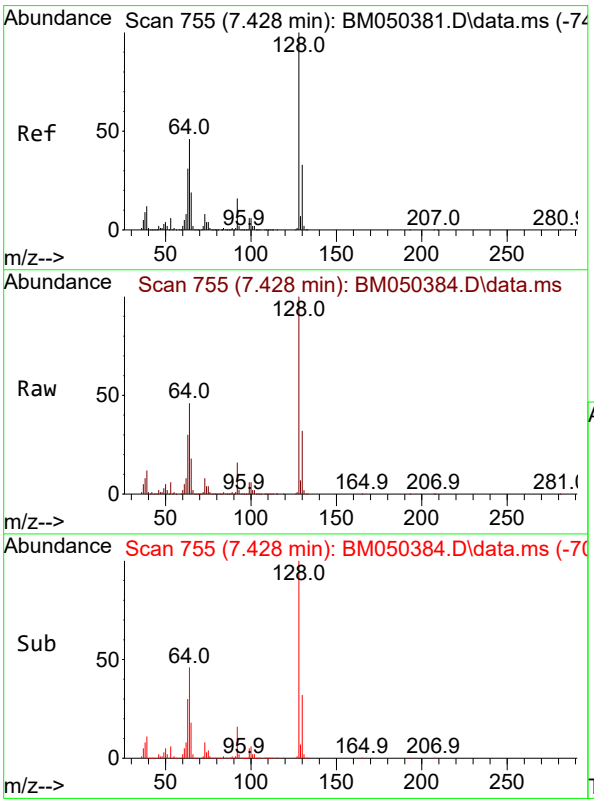
#7
Phenol-d6
Concen: 163.630 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 5149049

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	31.4	25.9	38.9

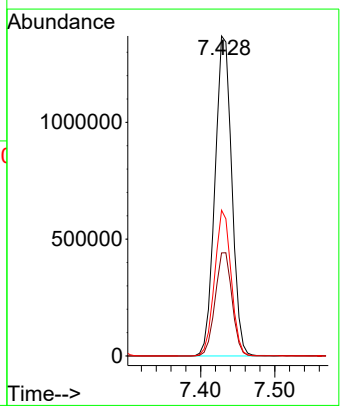


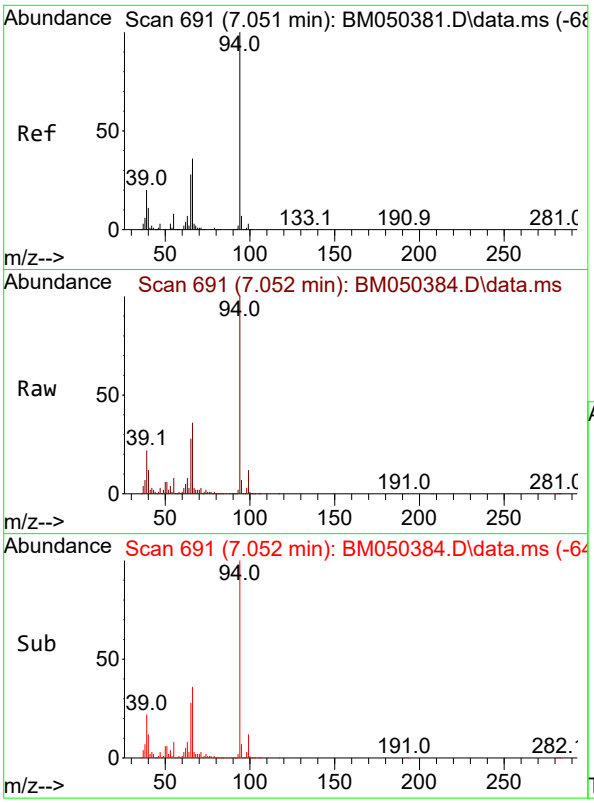


#8
2-Chlorophenol
Concen: 82.163 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 2162654

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	45.6	25.6	65.6



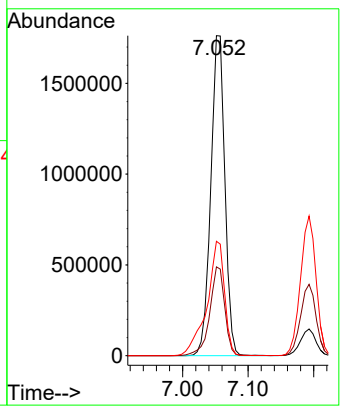


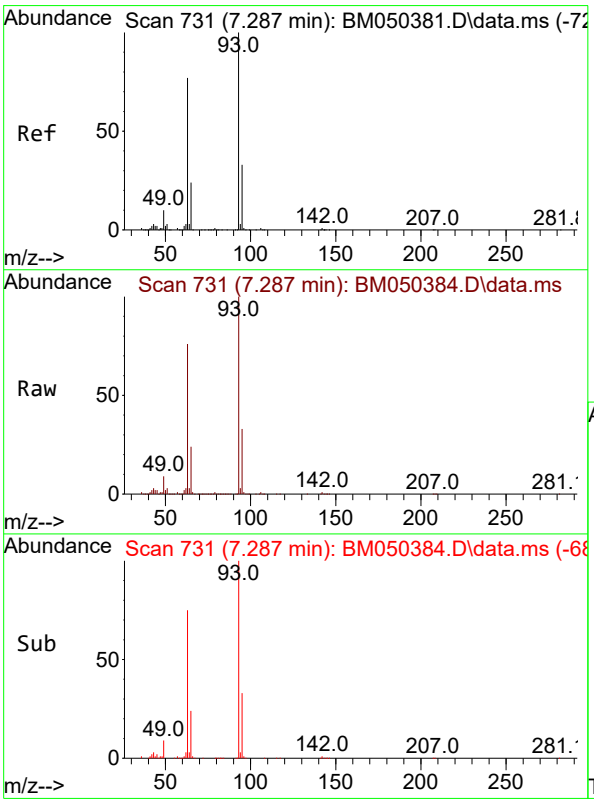
#10
Phenol
Concen: 80.368 ng
RT: 7.052 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 2637766

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.7	15.8	55.8

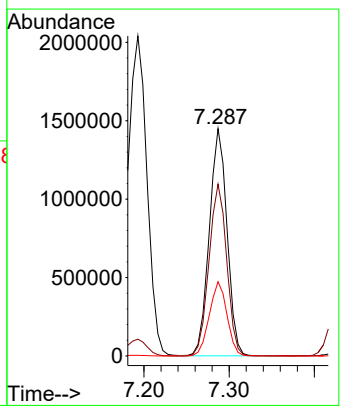


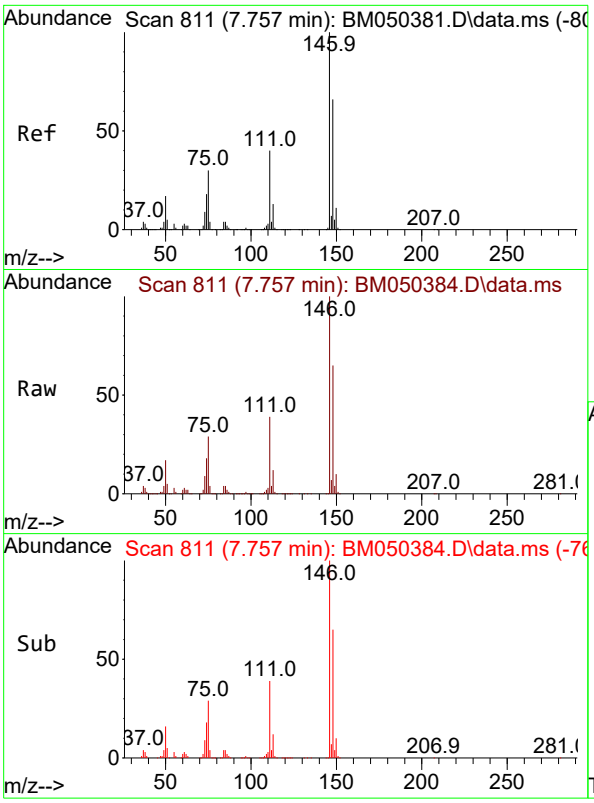


#11
bis(2-Chloroethyl)ether
Concen: 79.625 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 2092911

Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.9	96.9
95	32.6	12.6	52.6



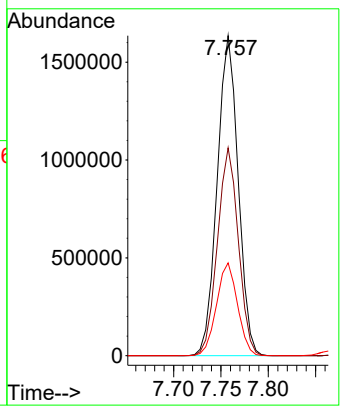


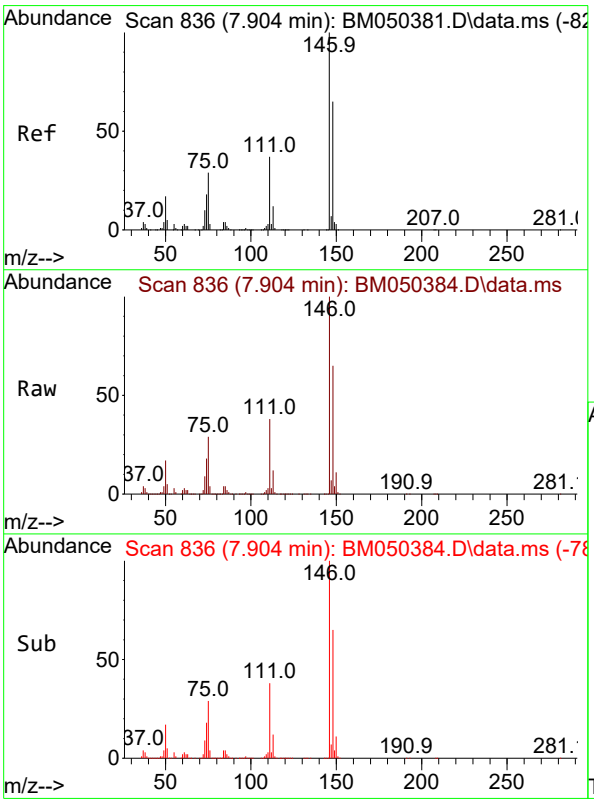
#12
1,3-Dichlorobenzene
Concen: 78.654 ng
RT: 7.757 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2517372

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.2	79.8
75	29.0	23.9	35.9

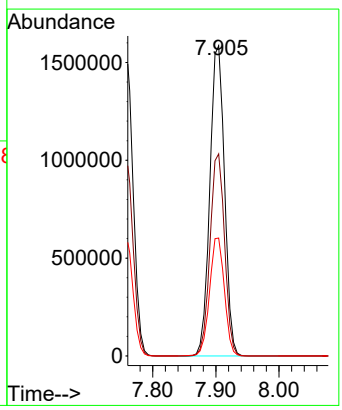


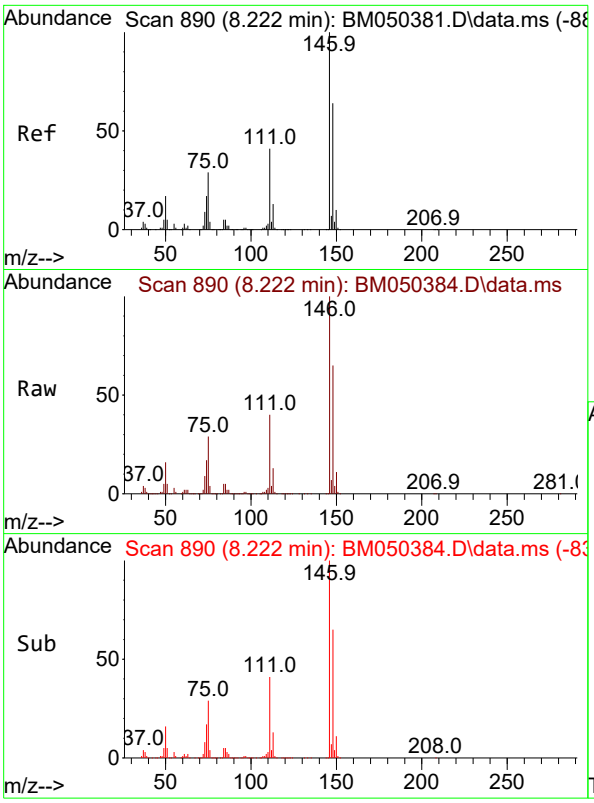


#13
1,4-Dichlorobenzene
Concen: 78.187 ng
RT: 7.904 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:146 Resp: 2555213

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.0	30.0	45.0



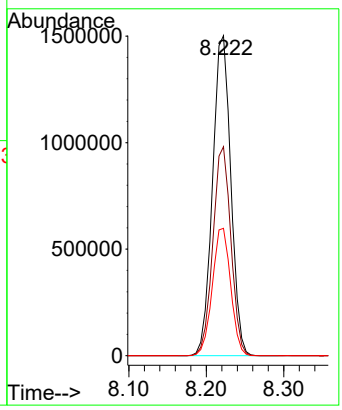


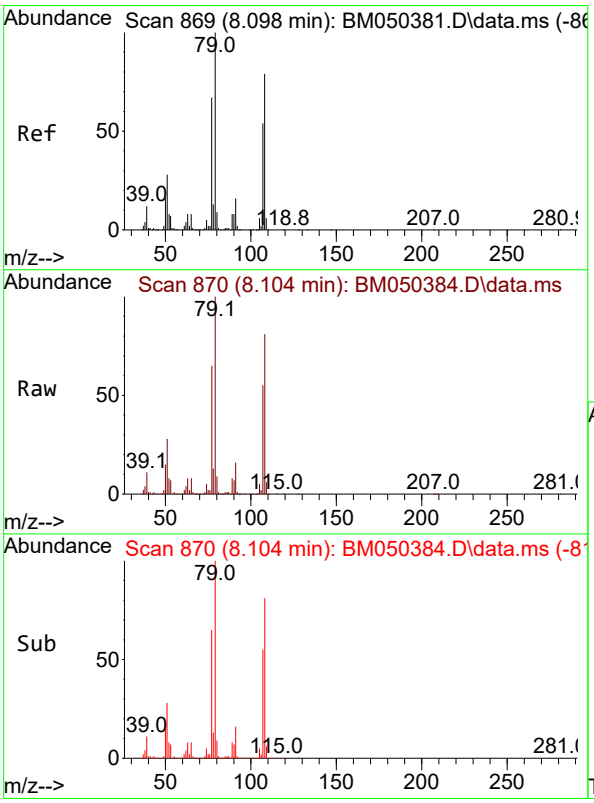
#14
1,2-Dichlorobenzene
Concen: 78.434 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2454039

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	39.8	32.6	49.0

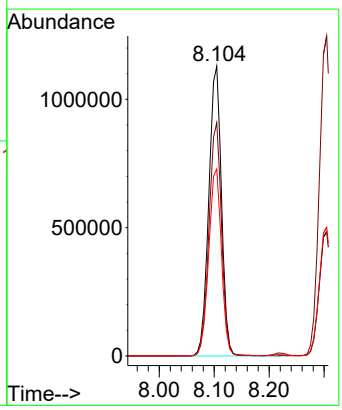


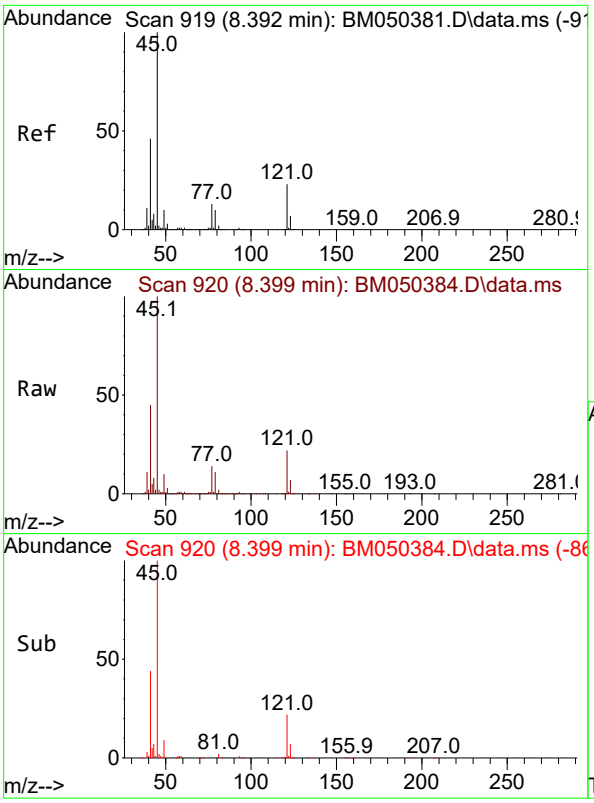


#15
Benzyl Alcohol
Concen: 81.539 ng
RT: 8.104 min Scan# 870
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 79 Resp: 1807870

Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.0	94.4
77	64.5	53.4	80.0



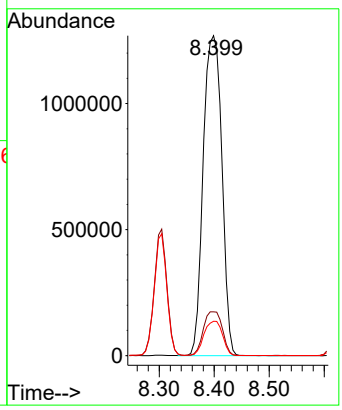


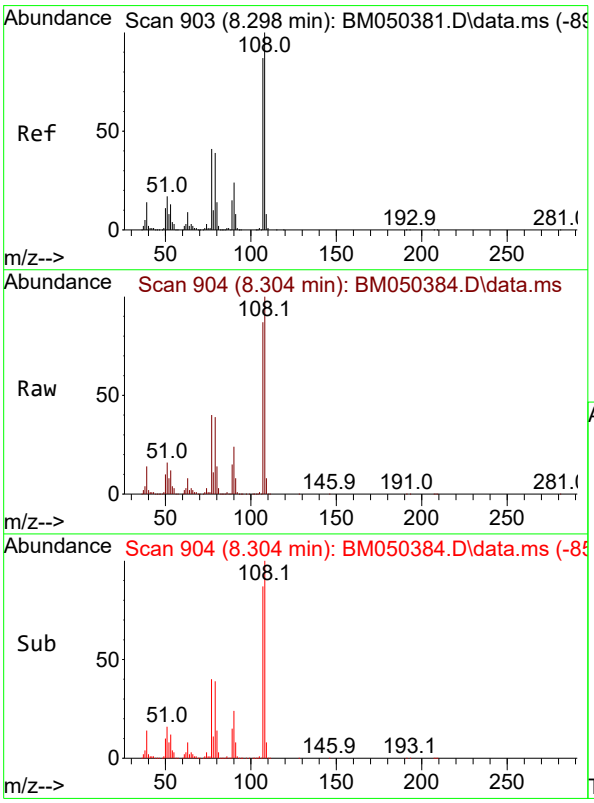
#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.270 ng
RT: 8.399 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 2991629

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.8	0.0	30.3

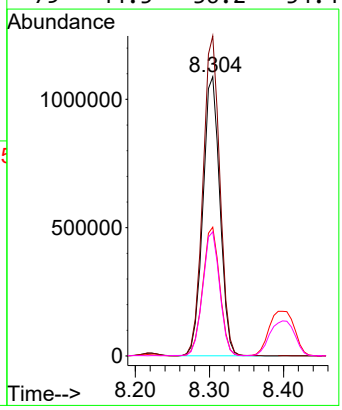


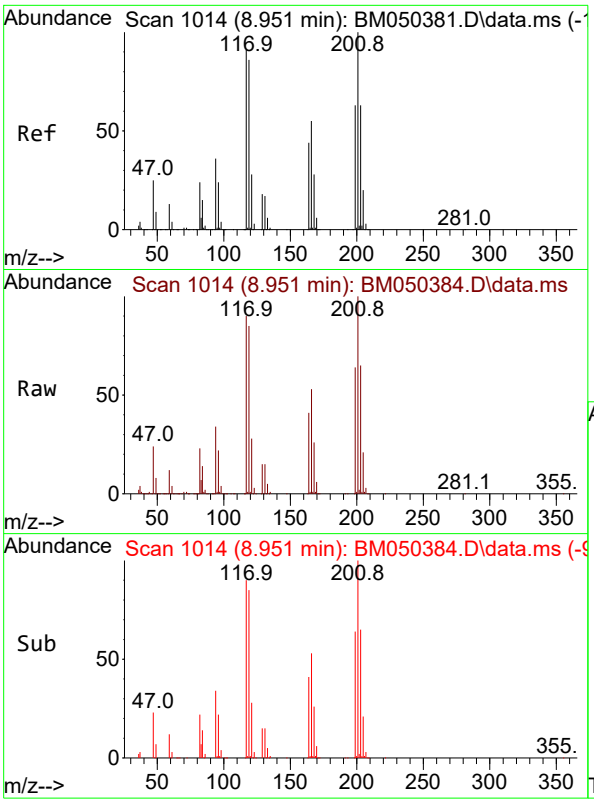


#17
2-Methylphenol
Concen: 81.397 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:107 Resp: 1732716

Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.1	138.1
77	46.1	38.2	57.4
79	44.5	36.2	54.4



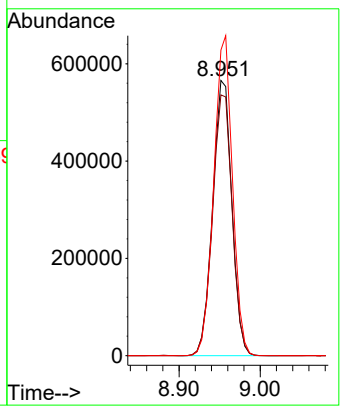


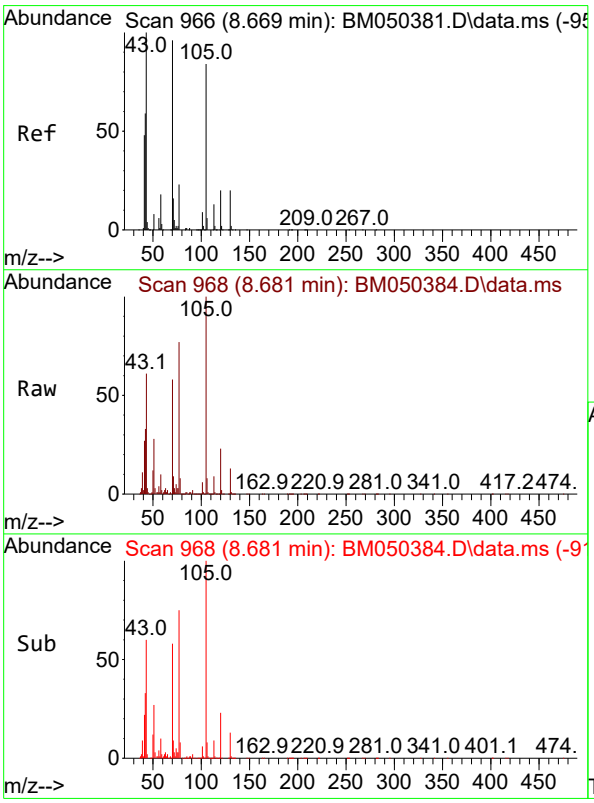
#18
Hexachloroethane
Concen: 81.135 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 932539

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.6	113.4
201	111.1	87.9	131.9

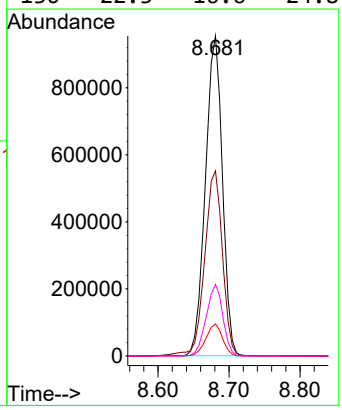


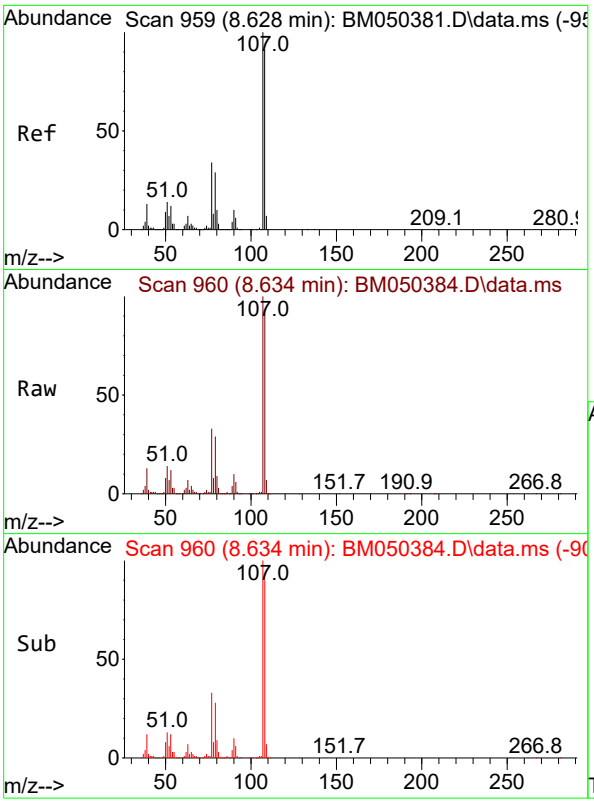


#19
n-Nitroso-di-n-propylamine
Concen: 83.281 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 70 Resp: 1587587

Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.7	74.5
101	10.0	7.7	11.5
130	22.3	16.6	24.8



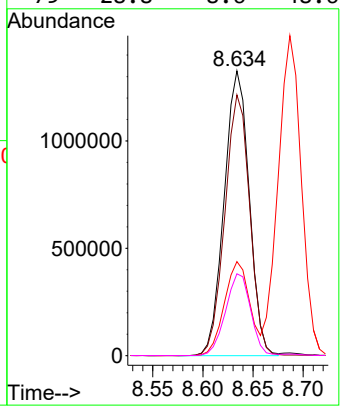


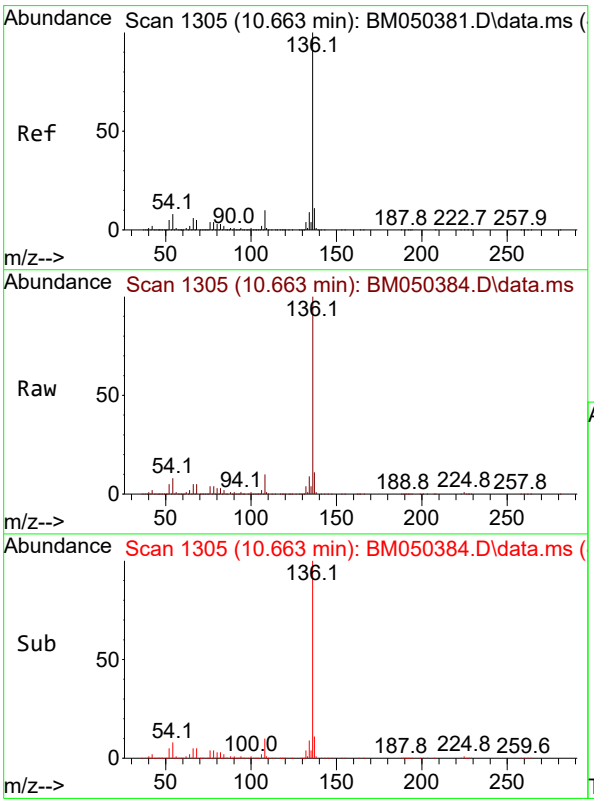
#20
3+4-Methylphenols
Concen: 80.491 ng
RT: 8.634 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2300155

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.0	13.7	53.7
79	28.8	8.6	48.6

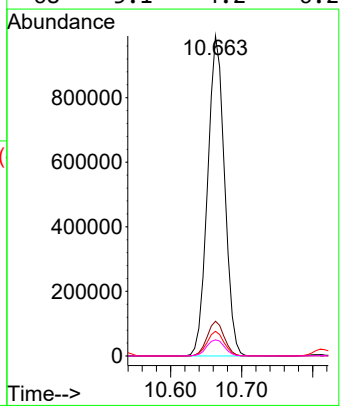


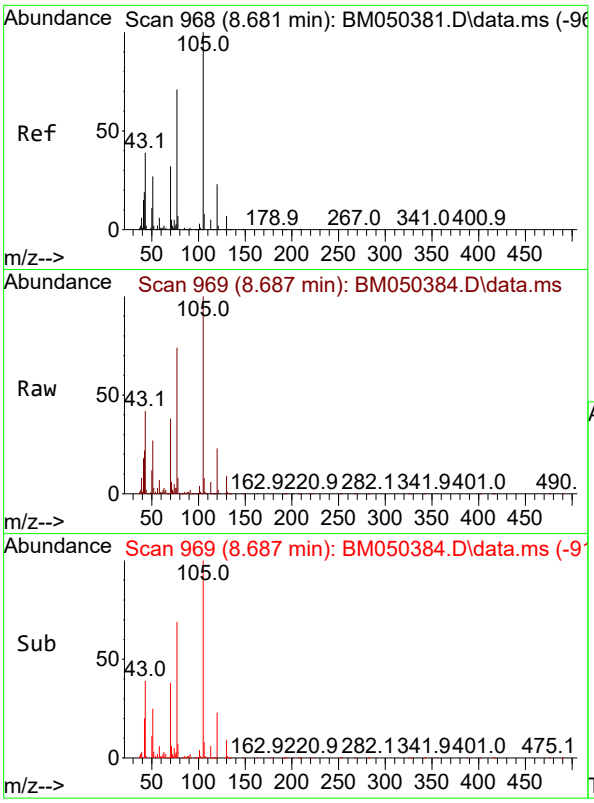


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:136 Resp: 1643859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2



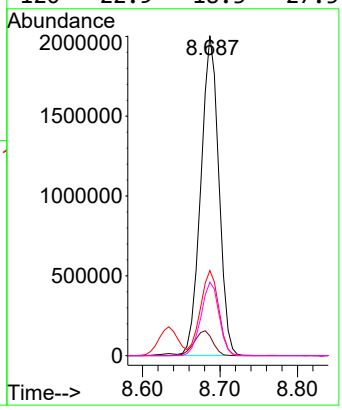


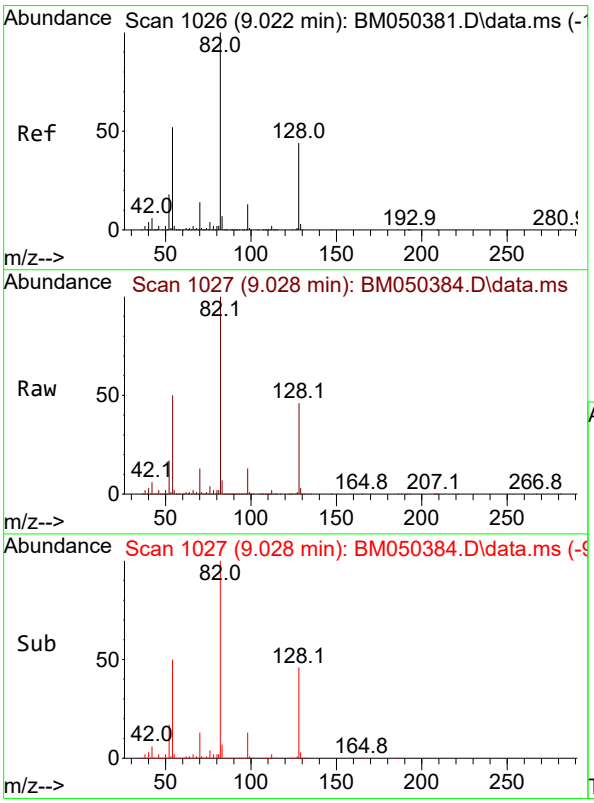
#22
Acetophenone
Concen: 78.279 ng
RT: 8.687 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 3217324

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	26.6	23.0	34.6
120	22.9	18.3	27.5

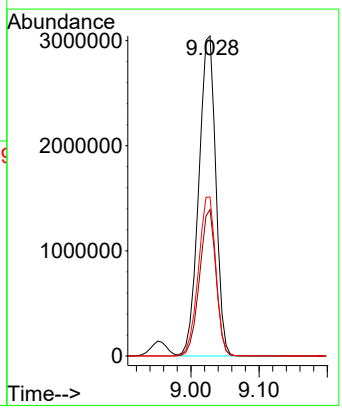


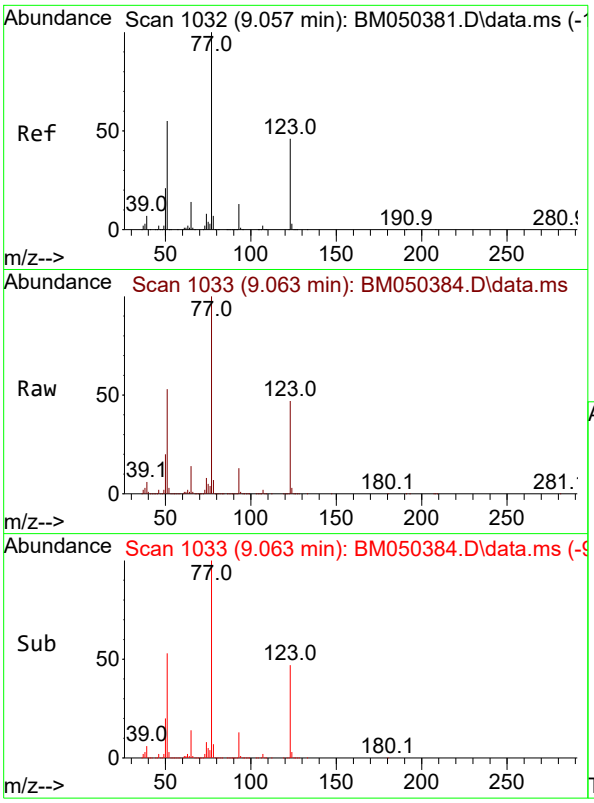


#23
Nitrobenzene-d5
Concen: 163.391 ng
RT: 9.028 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 5264647

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.2	52.8
54	49.7	41.5	62.3



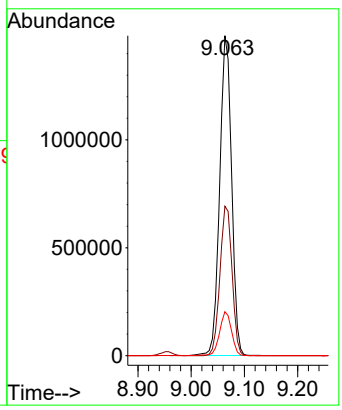


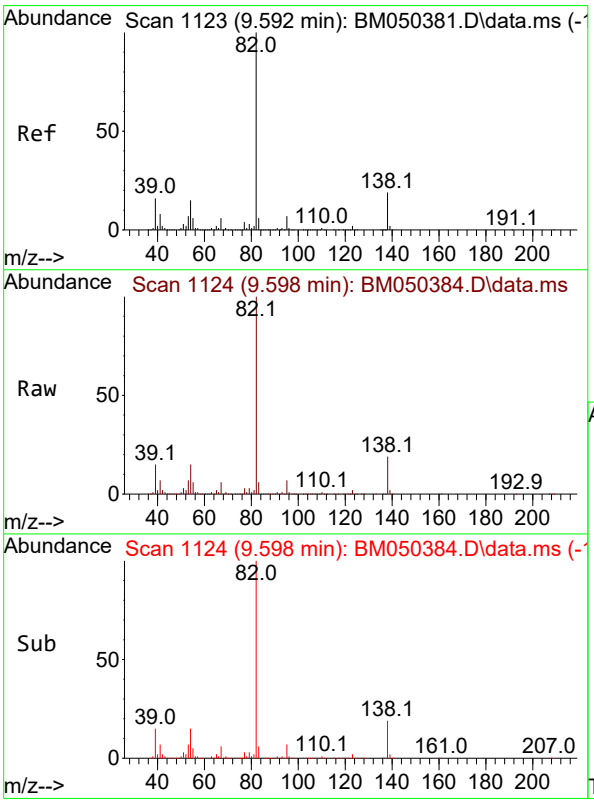
#24
Nitrobenzene
Concen: 79.875 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2296616

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.0	55.6
65	13.8	11.0	16.4

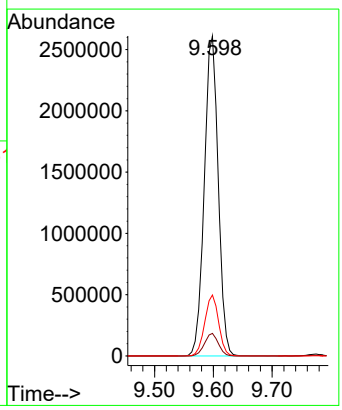


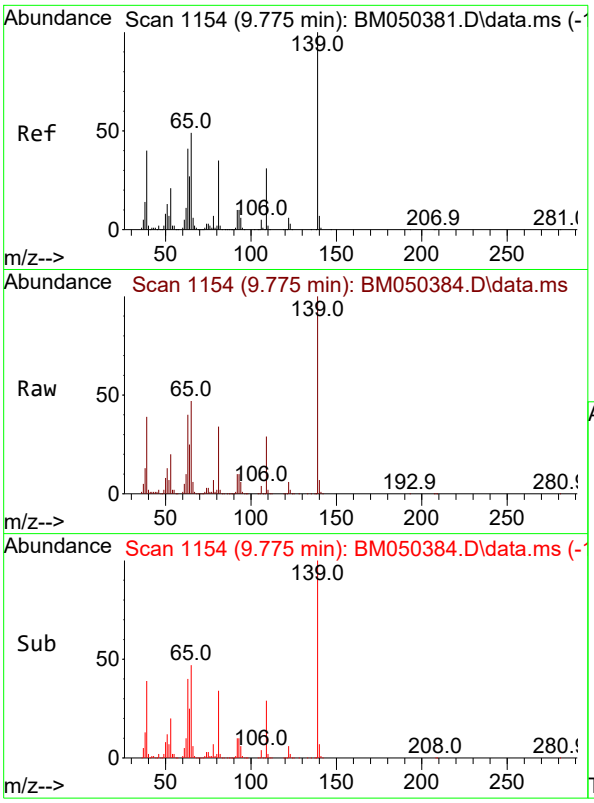


#25
Isophorone
Concen: 82.044 ng
RT: 9.598 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 4289620

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.0	15.3	22.9



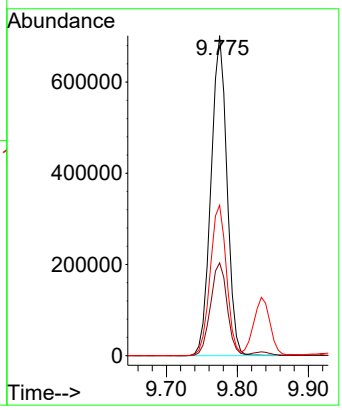


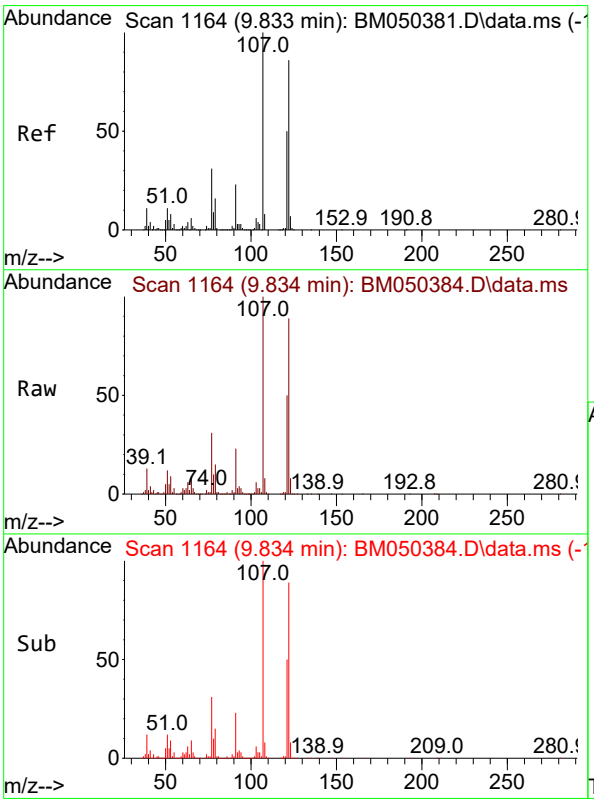
#26
2-Nitrophenol
Concen: 93.448 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1095059

Ion	Ratio	Lower	Upper
139	100		
109	29.0	24.6	36.8
65	47.0	39.2	58.8

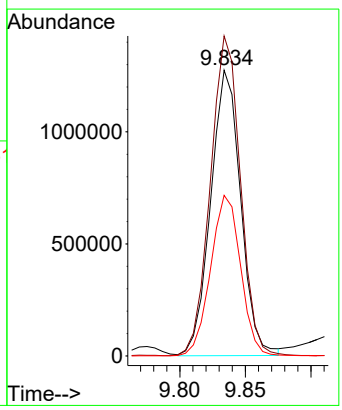


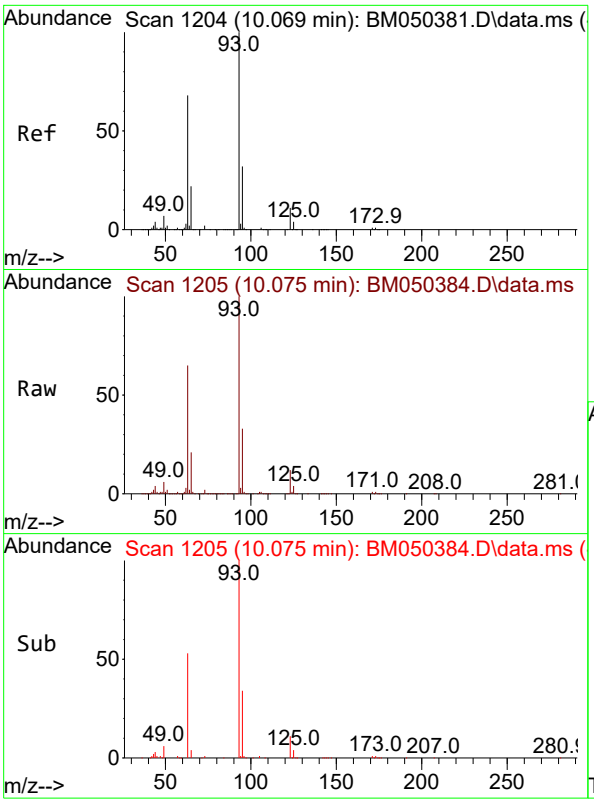


#27
2,4-Dimethylphenol
Concen: 81.267 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:122 Resp: 2026460

Ion	Ratio	Lower	Upper
122	100		
107	112.0	93.0	139.6
121	56.2	46.1	69.1



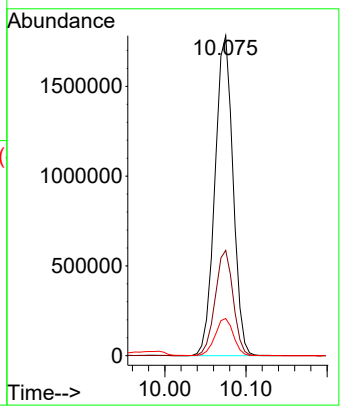


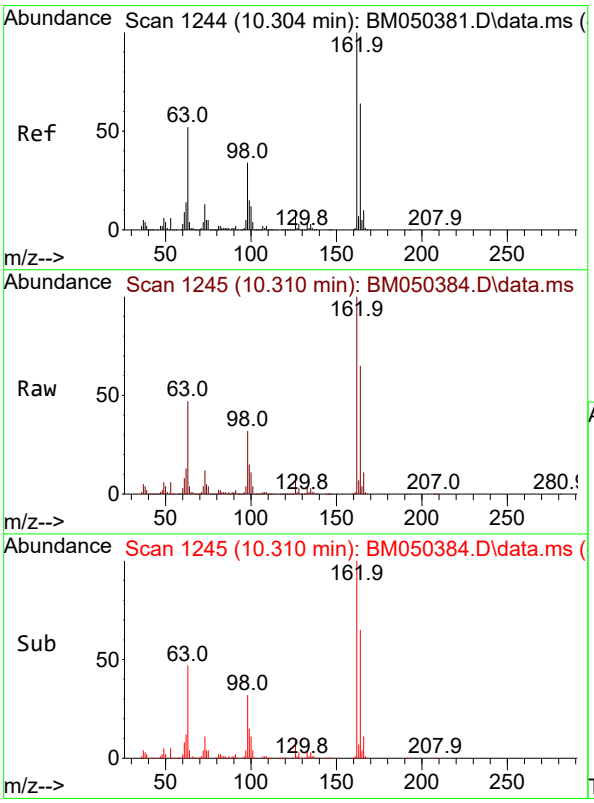
#28
bis(2-Chloroethoxy)methane
Concen: 79.691 ng
RT: 10.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2760921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.6	9.1	13.7

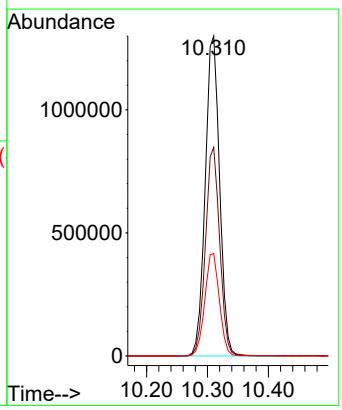


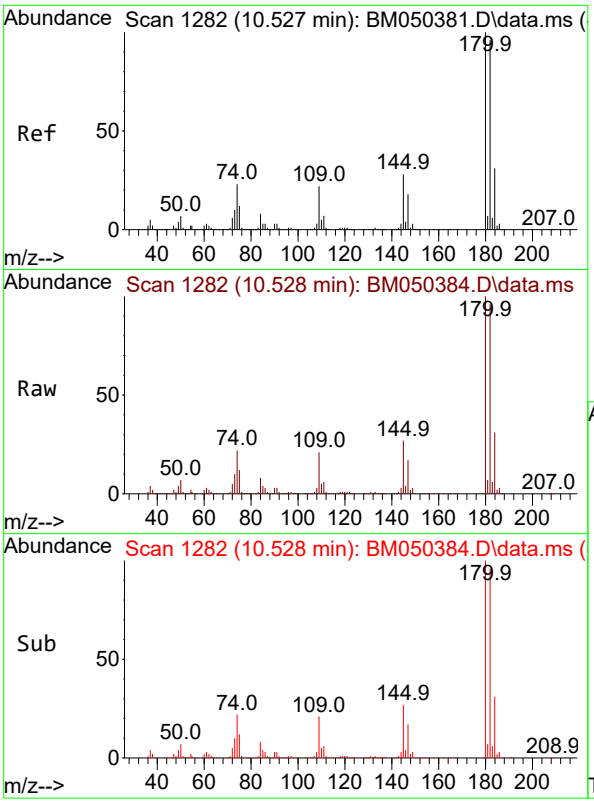


#29
2,4-Dichlorophenol
Concen: 83.334 ng
RT: 10.310 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 2134843

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	32.0	13.7	53.7



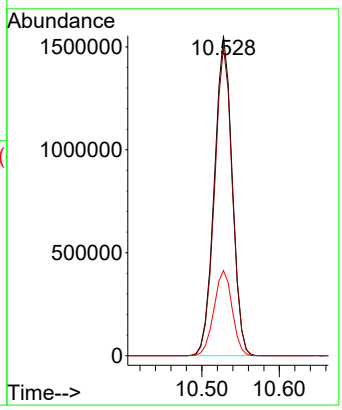


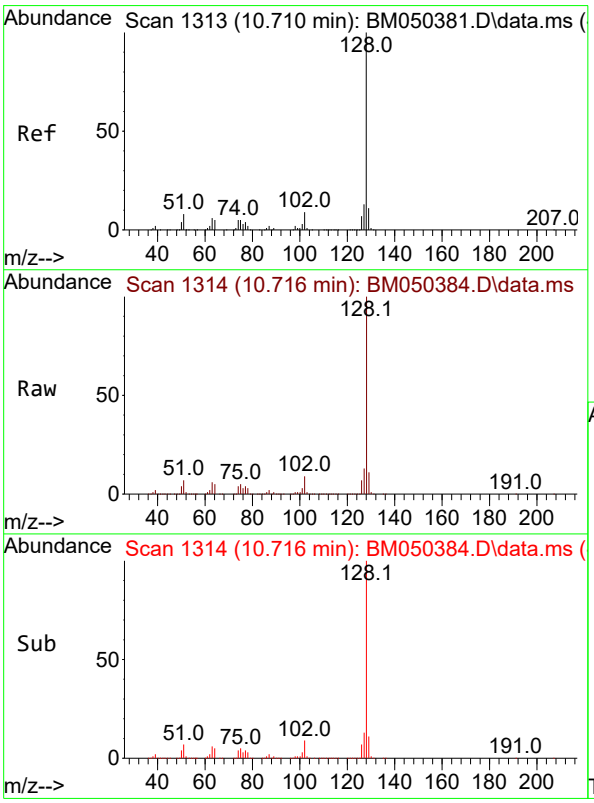
#30
1,2,4-Trichlorobenzene
Concen: 81.052 ng
RT: 10.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 2483928

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	26.6	22.6	33.8

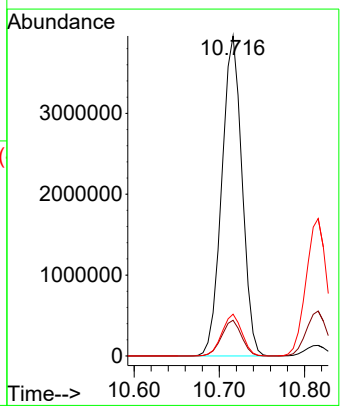


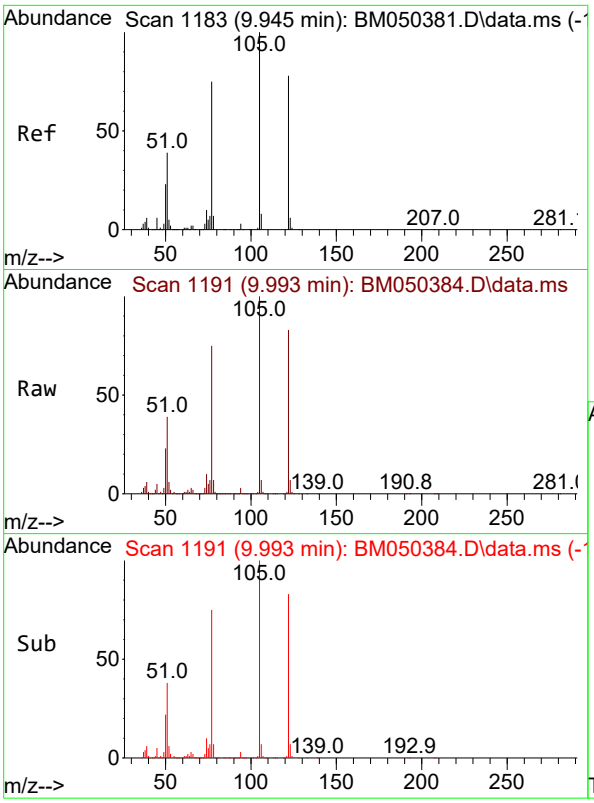


#31
Naphthalene
Concen: 78.095 ng
RT: 10.716 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 6520664

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6



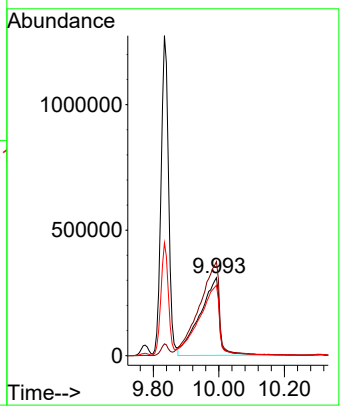


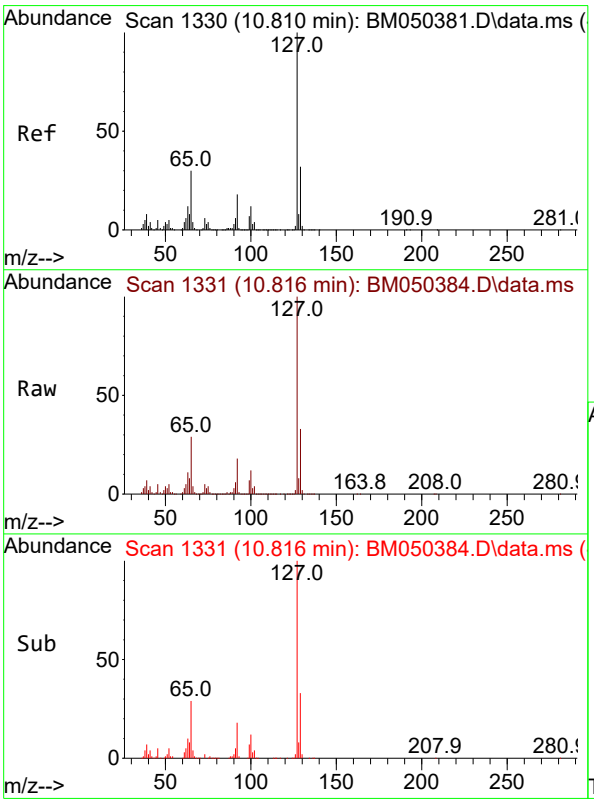
#32
Benzoic acid
Concen: 81.001 ng
RT: 9.993 min Scan# 11
Delta R.T. 0.048 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1311597

Ion	Ratio	Lower	Upper
122	100		
105	120.8	104.0	144.0
77	90.4	73.8	113.8

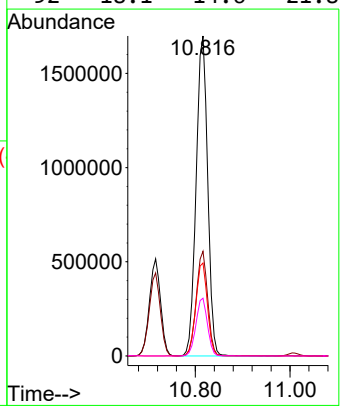


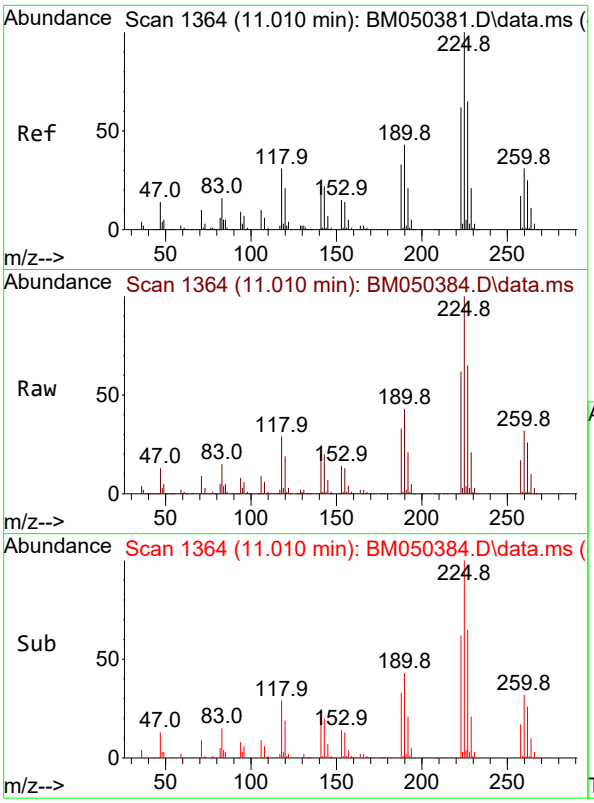


#33
4-Chloroaniline
Concen: 81.395 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:127 Resp: 2873151

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	29.1	23.9	35.9
92	18.1	14.6	21.8



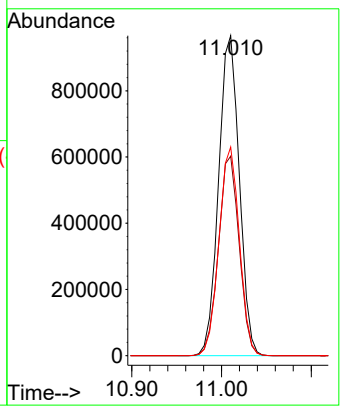


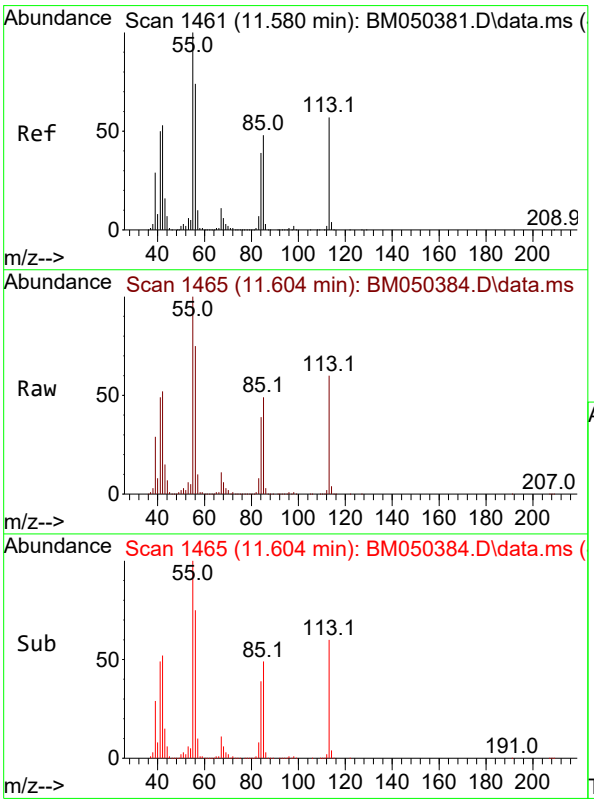
#34
Hexachlorobutadiene
Concen: 82.684 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1546563

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	65.2	52.1	78.1

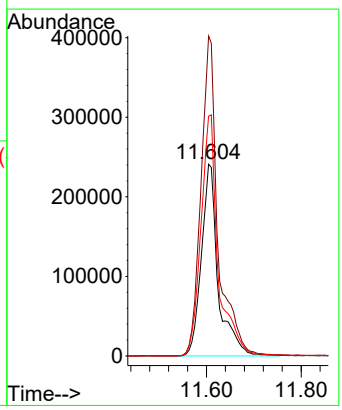


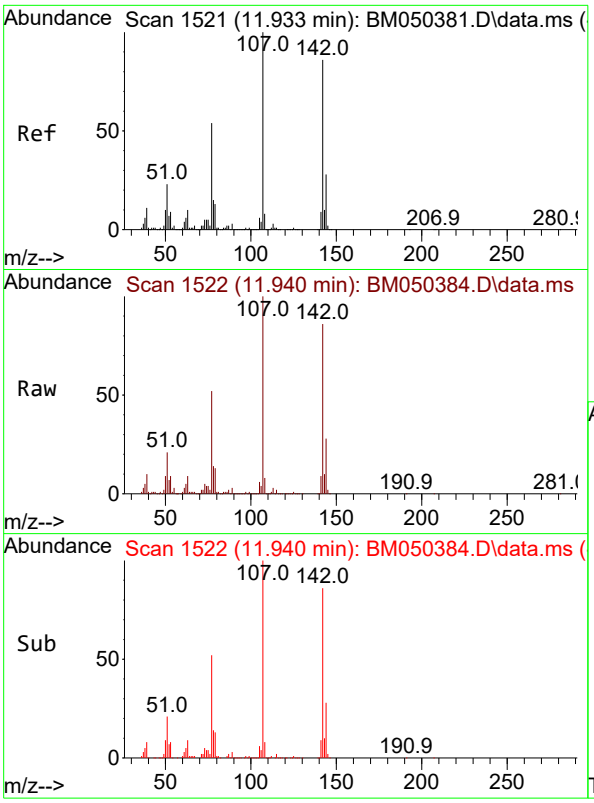


#35
Caprolactam
Concen: 84.949 ng
RT: 11.604 min Scan# 1465
Delta R.T. 0.024 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:113 Resp: 594080

Ion	Ratio	Lower	Upper
113	100		
55	166.9	157.2	197.2
56	125.0	111.7	151.7



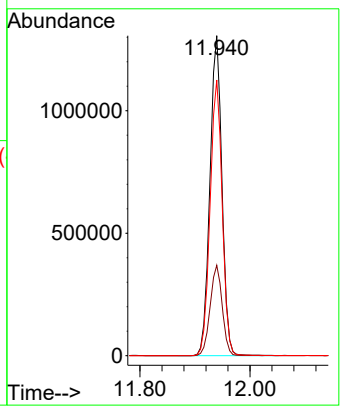


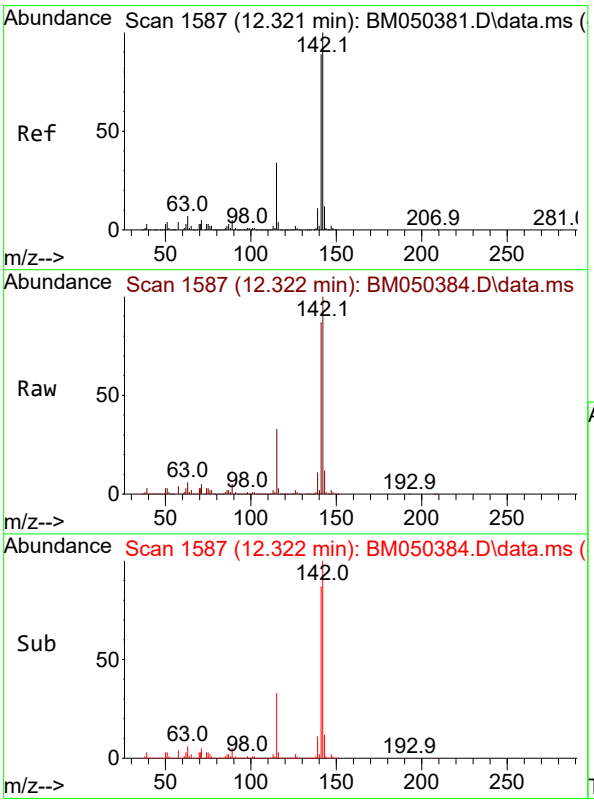
#36
4-Chloro-3-methylphenol
Concen: 82.929 ng
RT: 11.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1983864

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.2	33.4
142	86.2	68.7	103.1

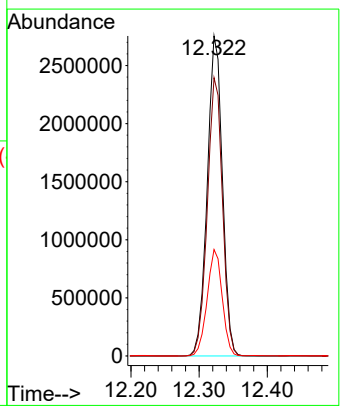


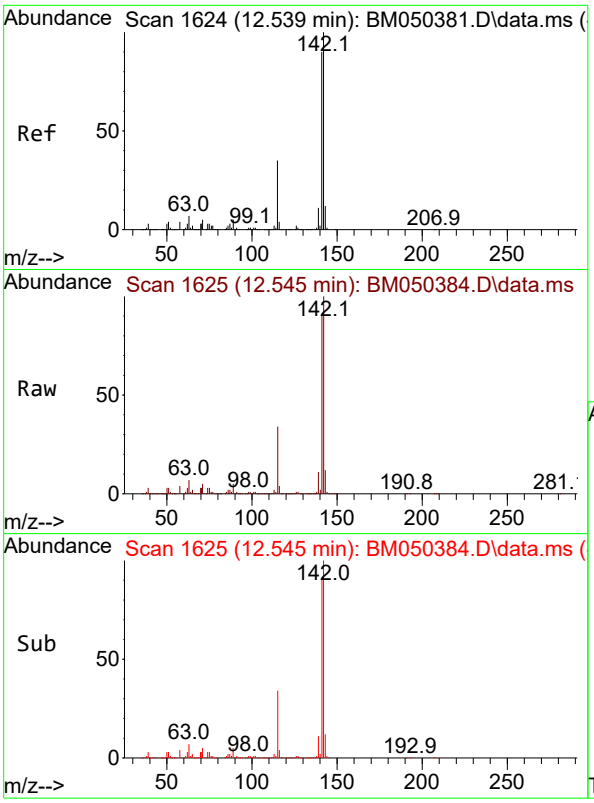


#37
2-Methylnaphthalene
Concen: 80.705 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:142 Resp: 4254768

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.8	106.2
115	33.2	27.0	40.4



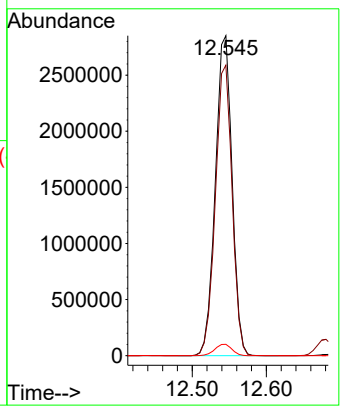


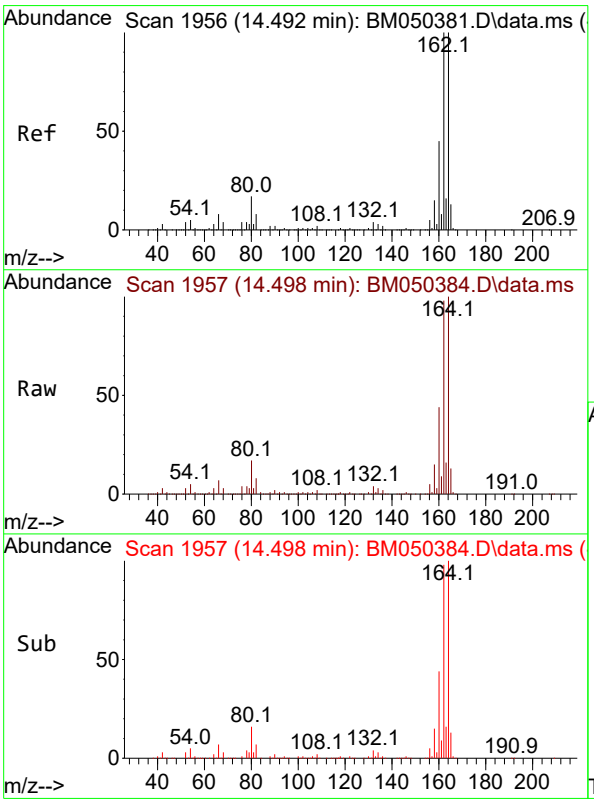
#38
1-Methylnaphthalene
Concen: 80.207 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4475032

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	3.6	3.0	4.6

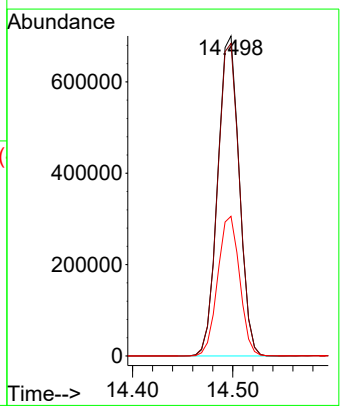


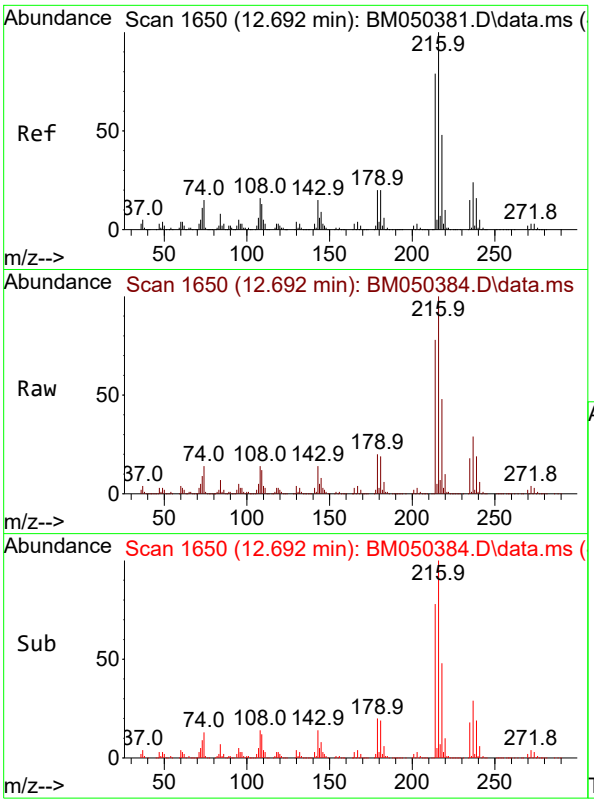


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:164 Resp: 1043719

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.9	119.9
160	43.6	36.2	54.4



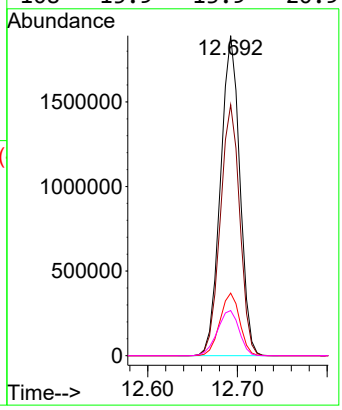


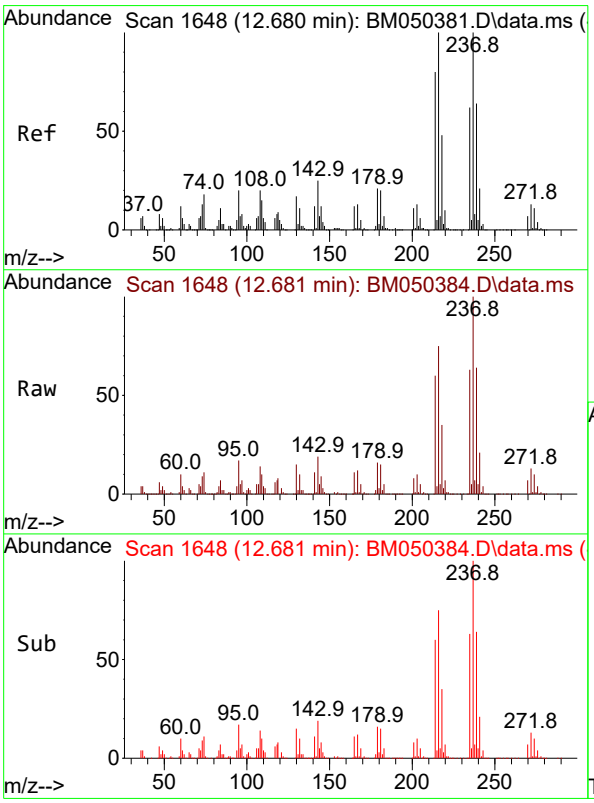
#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.112 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2824950

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.0	16.4	24.6
108	15.9	13.9	20.9

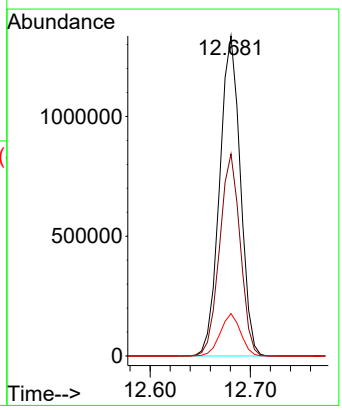


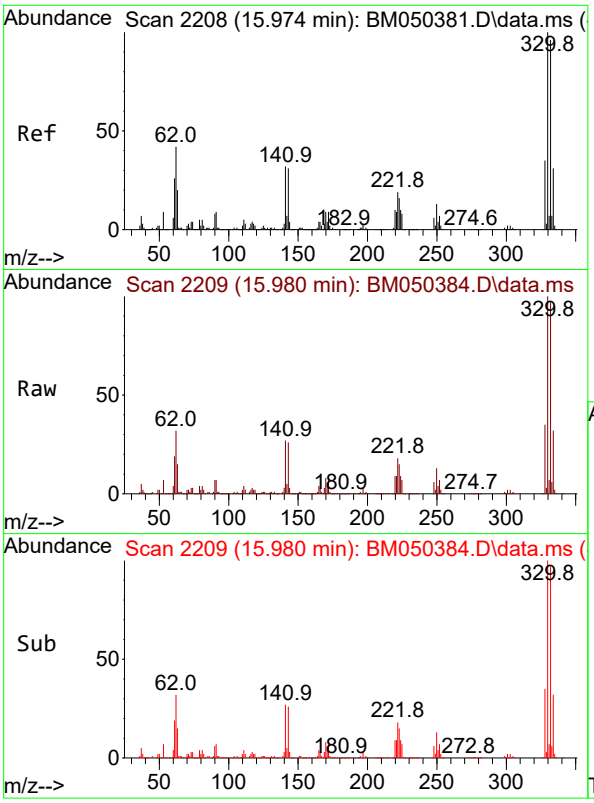


#41
Hexachlorocyclopentadiene
Concen: 90.239 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:237 Resp: 1914528

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.3	82.3
272	13.2	0.0	33.0



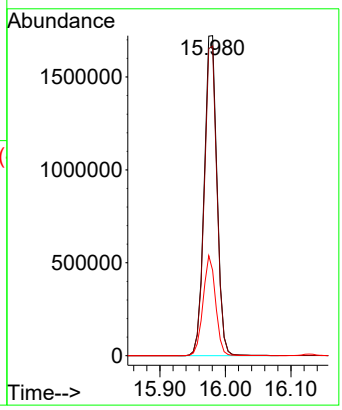


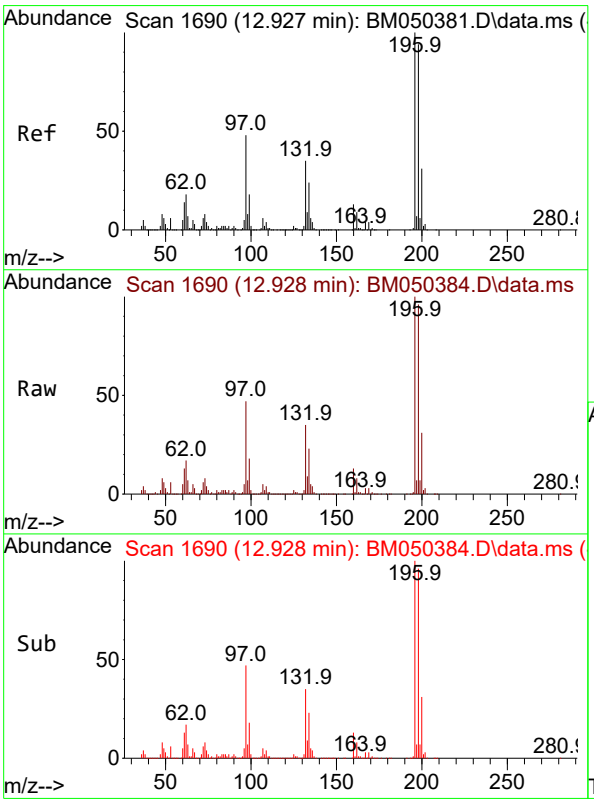
#42
2,4,6-Tribromophenol
Concen: 184.182 ng
RT: 15.980 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2335664

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	30.7	27.4	41.0

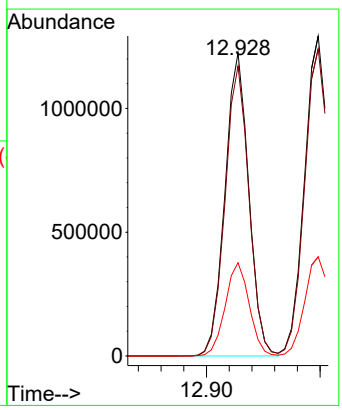


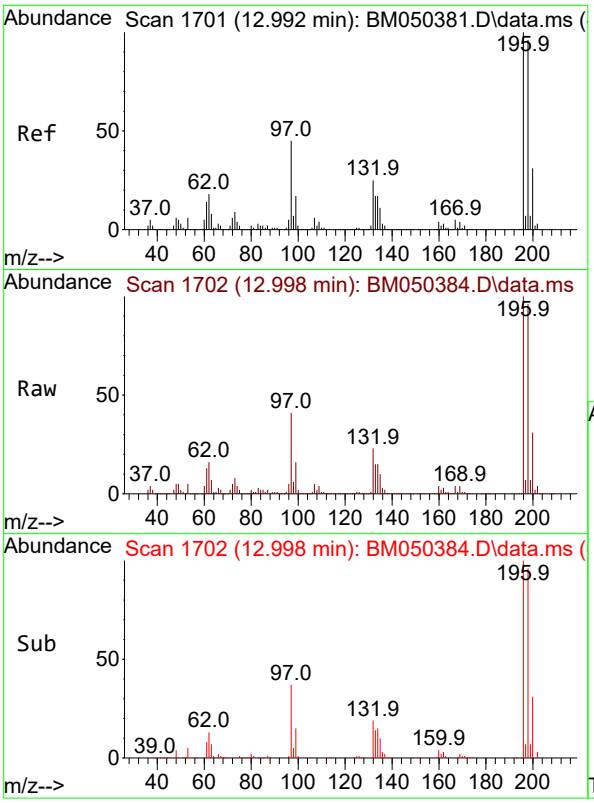


#43
2,4,6-Trichlorophenol
Concen: 87.263 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:196 Resp: 1782842

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.1	112.7
200	30.8	24.6	37.0



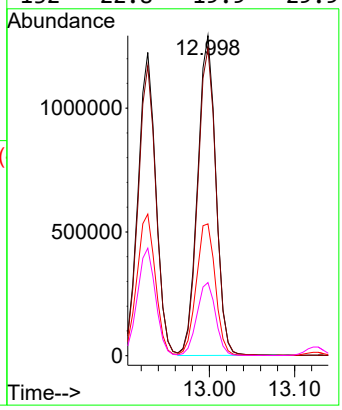


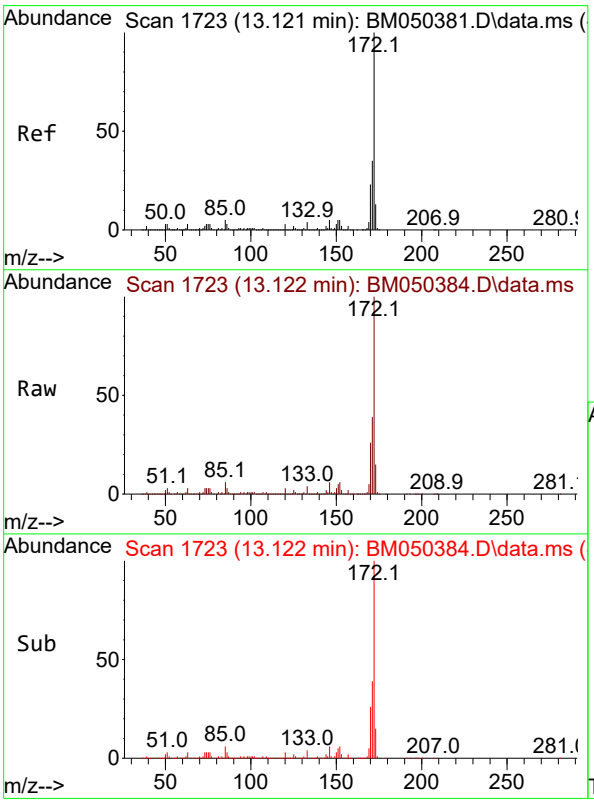
#44
2,4,5-Trichlorophenol
Concen: 86.021 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1919360

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
97	41.2	36.2	54.4
132	22.8	19.9	29.9

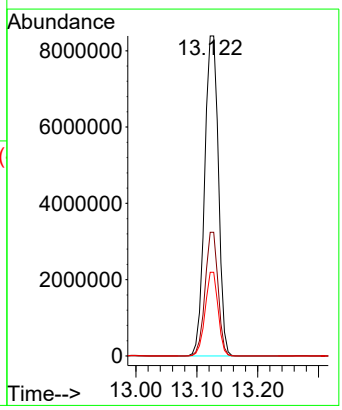


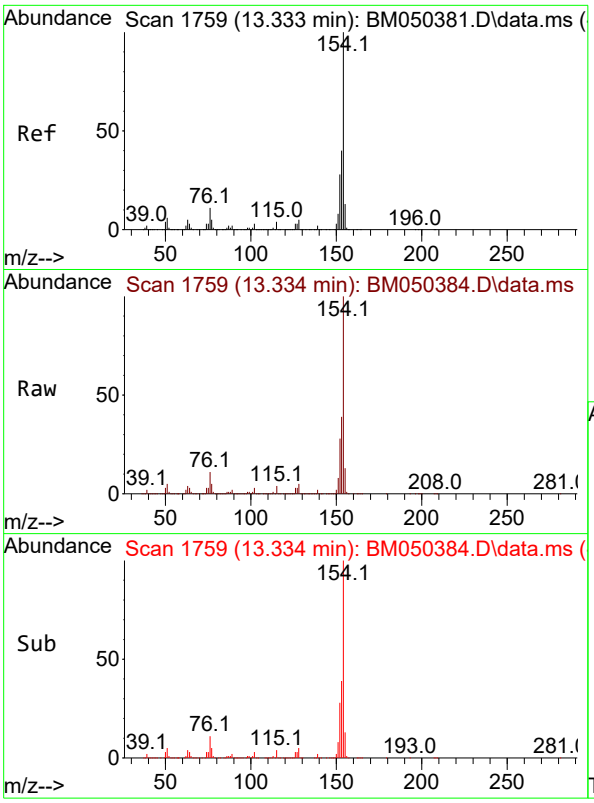


#45
2-Fluorobiphenyl
Concen: 155.576 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:172 Resp:13148691

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.7	41.5
170	26.2	18.8	28.2



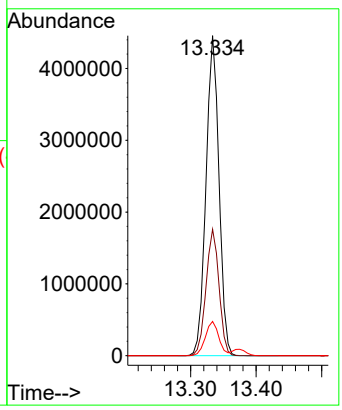


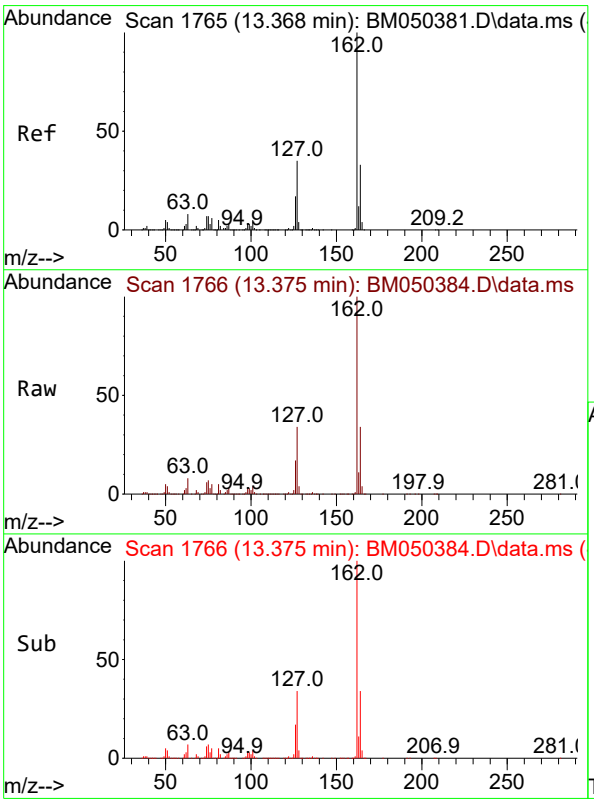
#46
1,1'-Biphenyl
Concen: 79.310 ng
RT: 13.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 6141549

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.7	59.7
76	10.7	0.0	30.9

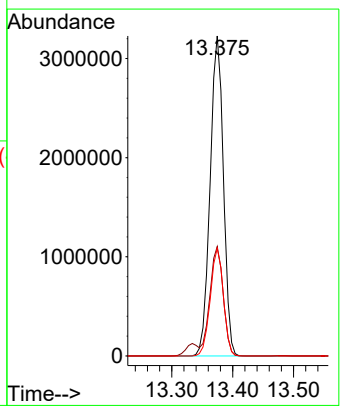


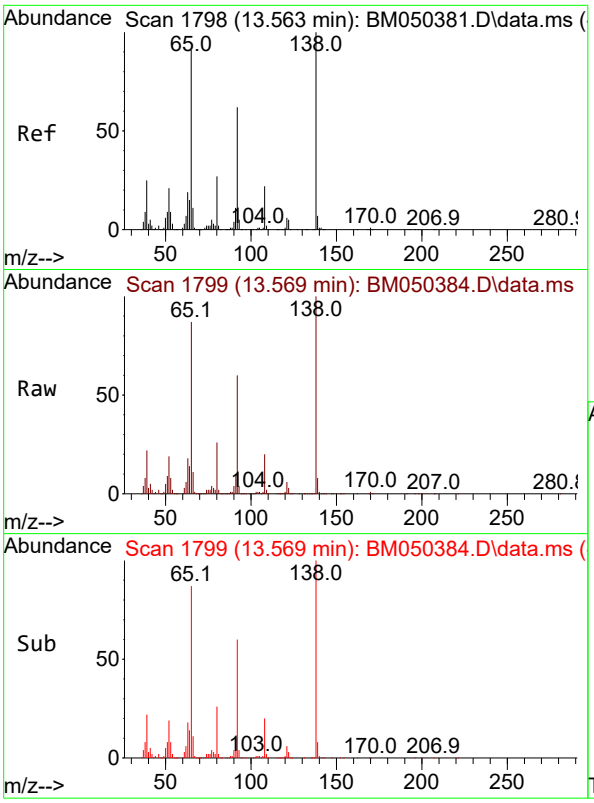


#47
2-Chloronaphthalene
Concen: 79.196 ng
RT: 13.375 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 4889665

Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.3	42.5
164	33.6	26.6	40.0



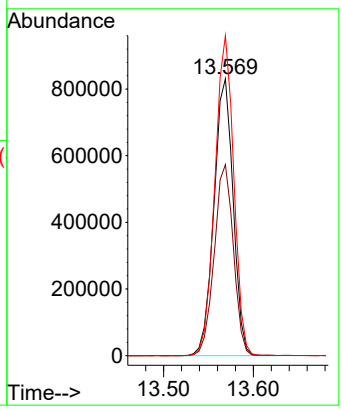


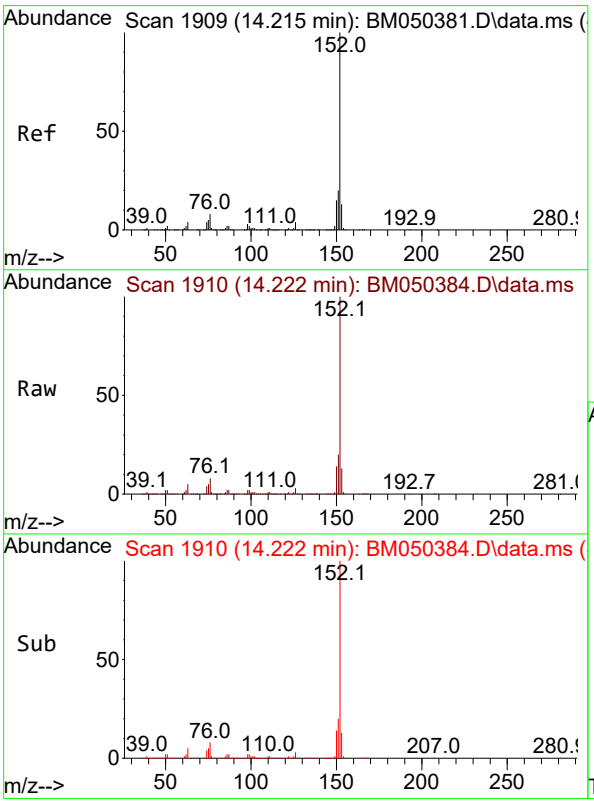
#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1233222

Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.3	81.5
138	115.5	87.8	131.6

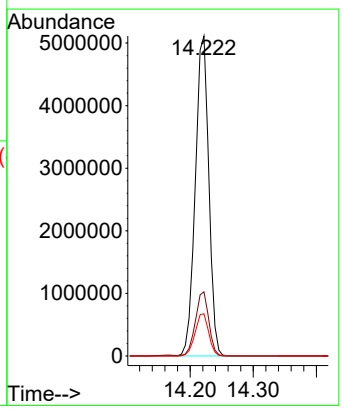


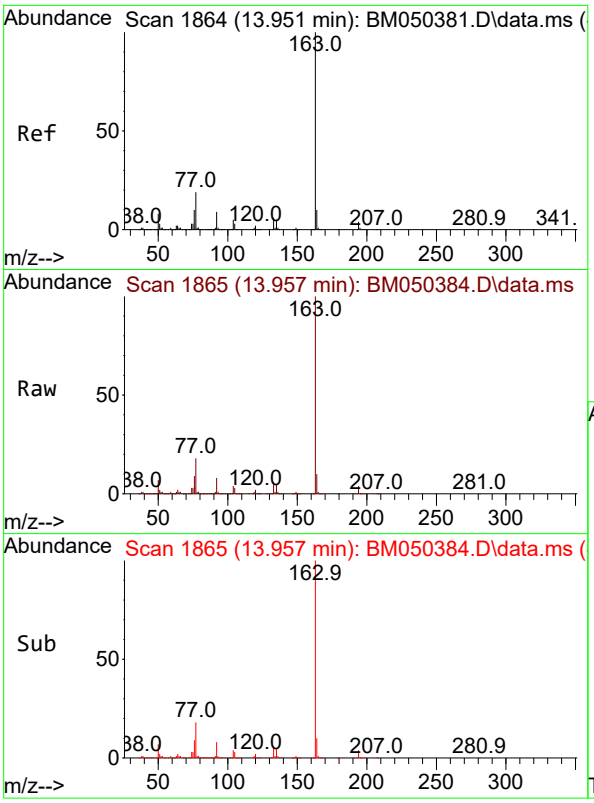


#49
Acenaphthylene
Concen: 81.019 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:152 Resp: 7559726

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.6	15.8



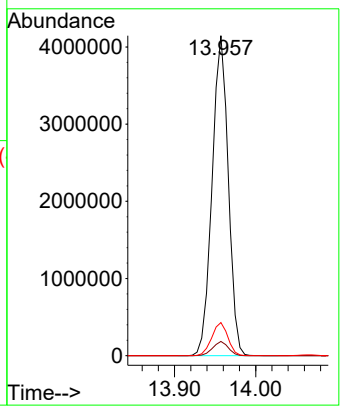


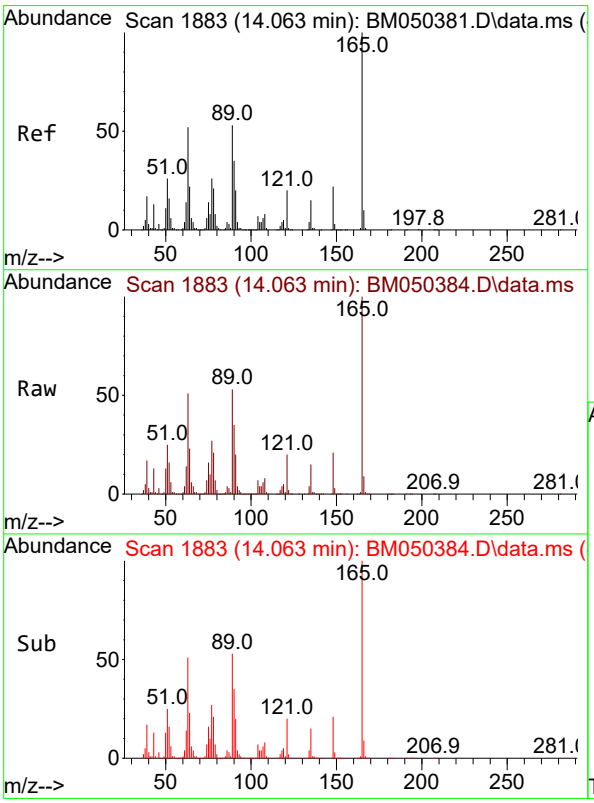
#50
Dimethylphthalate
Concen: 79.779 ng
RT: 13.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5732691

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.2

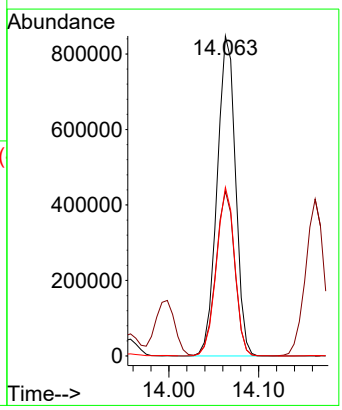


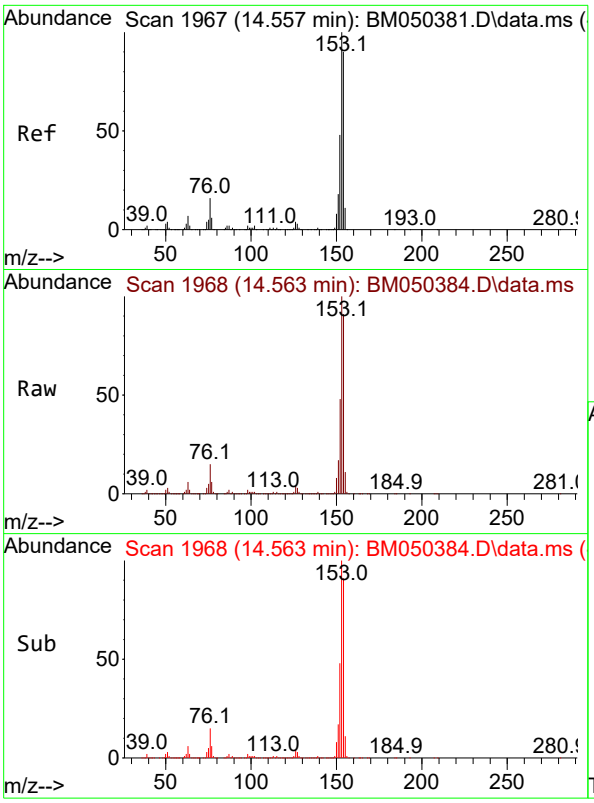


#51
2,6-Dinitrotoluene
Concen: 87.496 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1207179

Ion	Ratio	Lower	Upper
165	100		
63	51.5	42.4	63.6
89	52.7	42.2	63.2



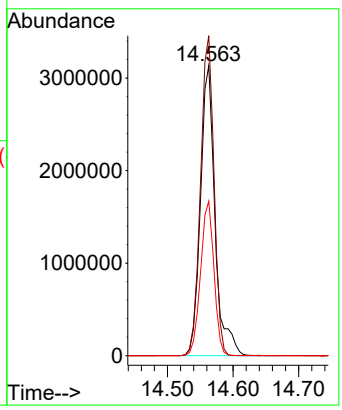


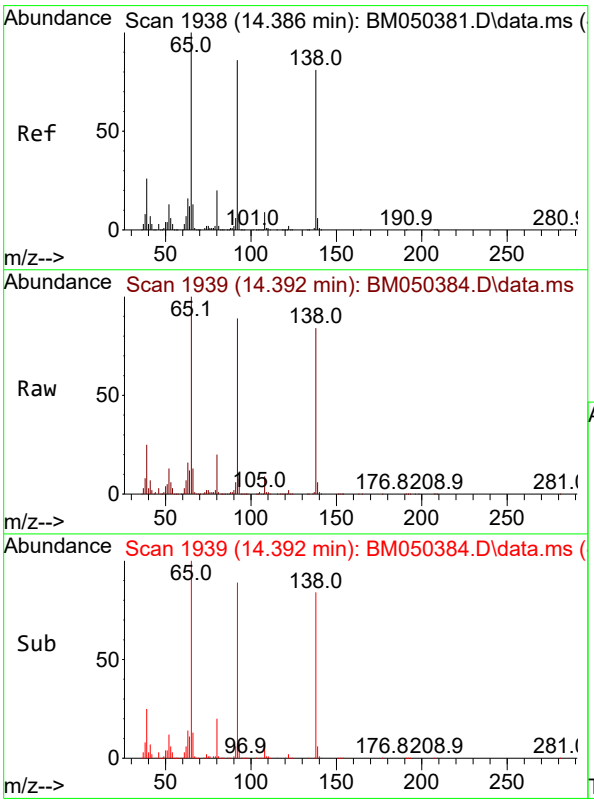
#52
Acenaphthene
Concen: 81.486 ng
RT: 14.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 4833886

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.2	133.8
152	53.3	42.6	64.0

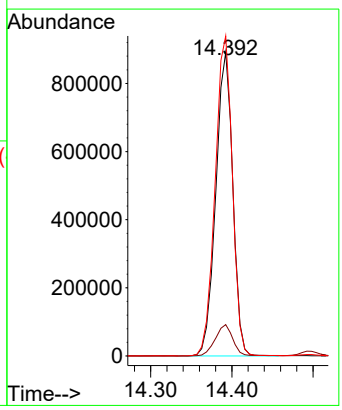


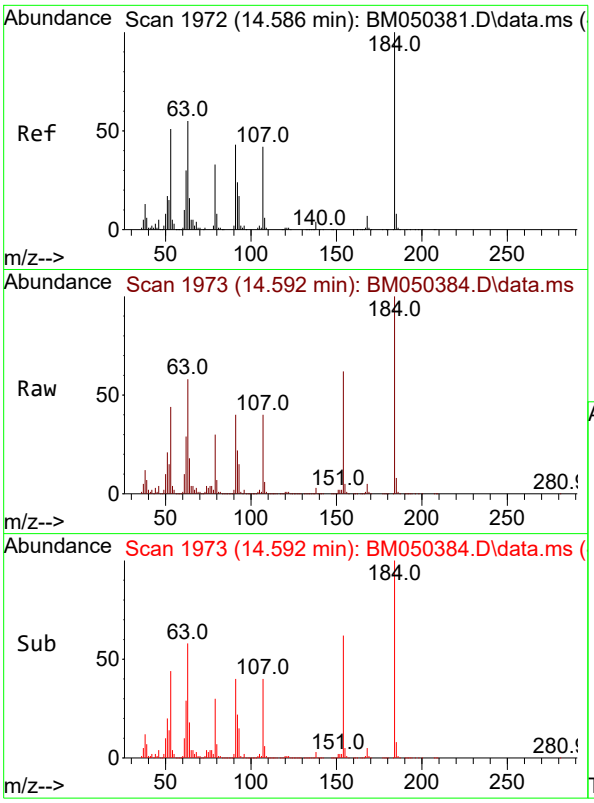


#53
3-Nitroaniline
Concen: 88.444 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:138 Resp: 1297724

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.8	13.2
92	105.4	85.0	127.6



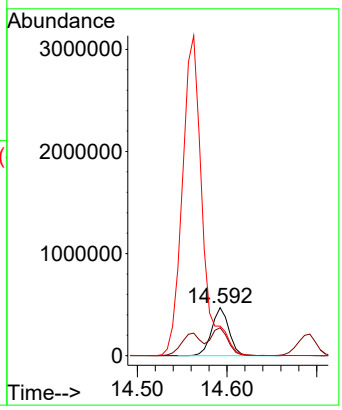


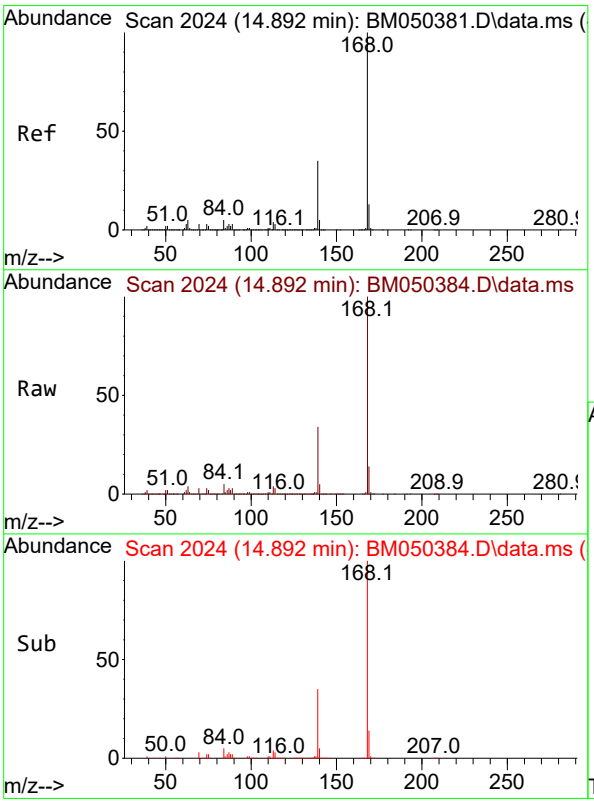
#54
2,4-Dinitrophenol
Concen: 82.116 ng
RT: 14.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 626569

Ion	Ratio	Lower	Upper
184	100		
63	58.4	53.4	80.0
154	61.7	61.6	92.4

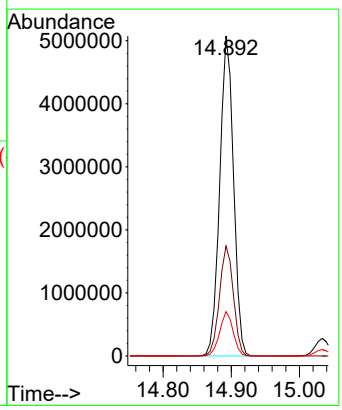


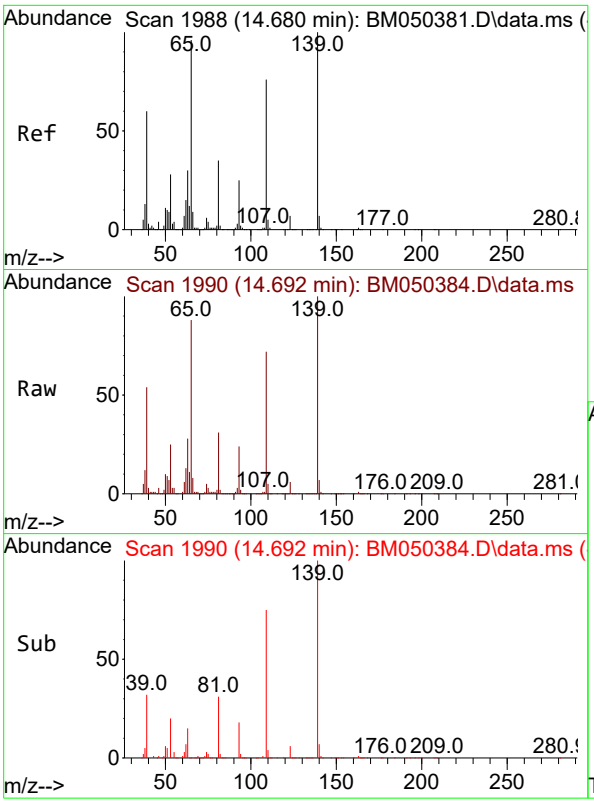


#55
Dibenzofuran
Concen: 78.152 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:168 Resp: 7143343

Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.7	41.5
169	13.8	10.7	16.1



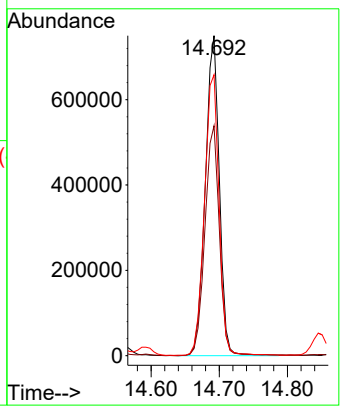


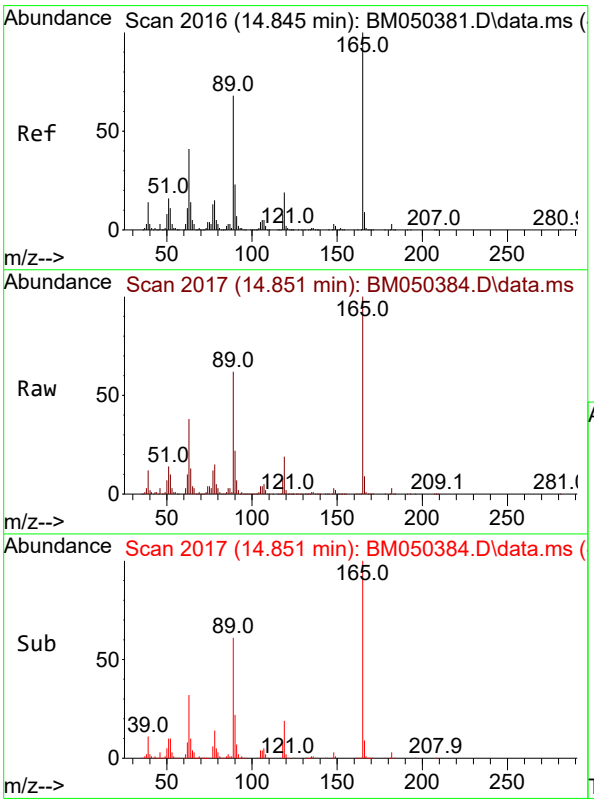
#56
4-Nitrophenol
Concen: 85.262 ng
RT: 14.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1075848

Ion	Ratio	Lower	Upper
139	100		
109	71.9	56.5	96.5
65	87.8	76.4	116.4

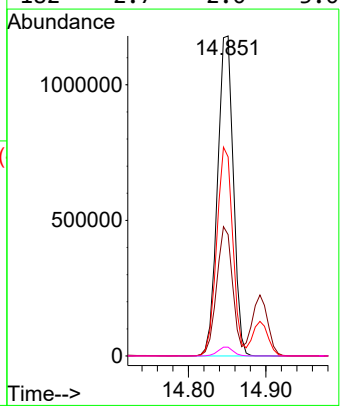


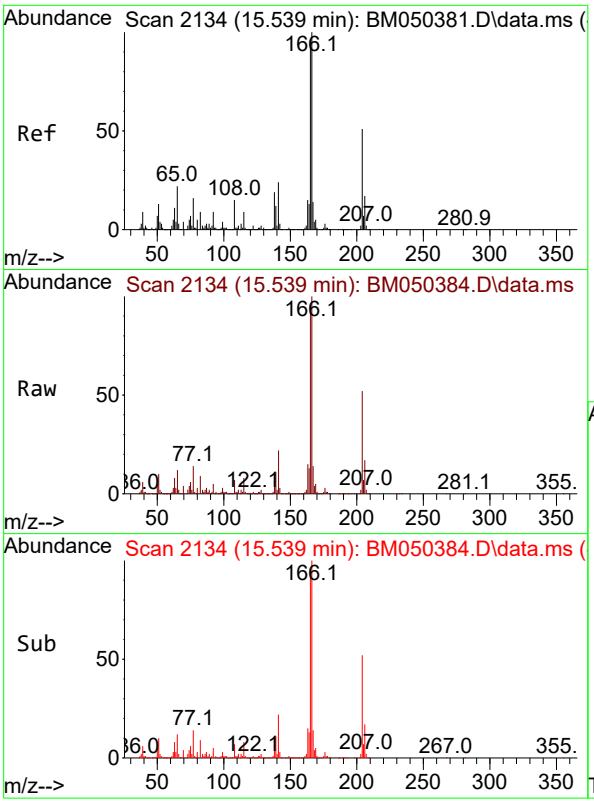


#57
2,4-Dinitrotoluene
Concen: 79.189 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1674329

Ion	Ratio	Lower	Upper
165	100		
63	37.9	32.5	48.7
89	62.2	54.0	81.0
182	2.7	2.0	3.0



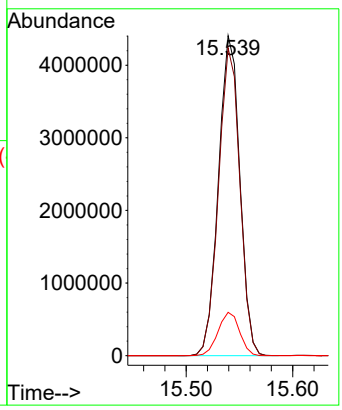


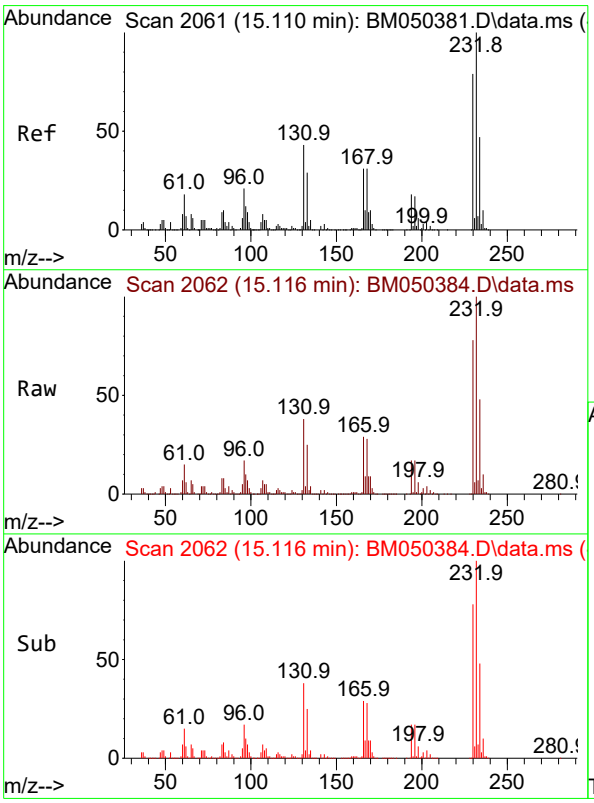
#58
Fluorene
Concen: 81.530 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 6138107

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.6	10.9	16.3

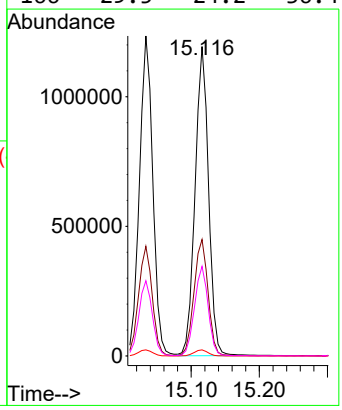


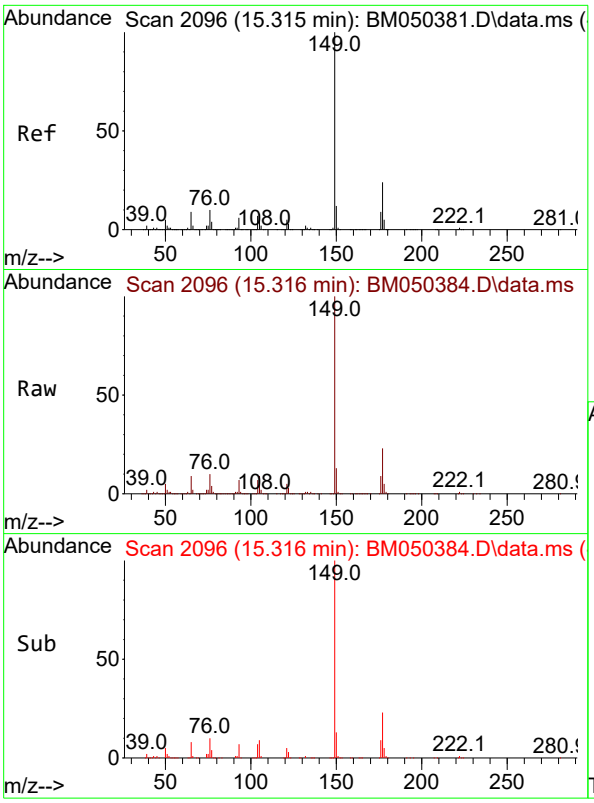


#59
2,3,4,6-Tetrachlorophenol
Concen: 87.136 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:232 Resp: 1636646

Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.4	50.0
130	2.1	1.8	2.6
166	29.5	24.2	36.4



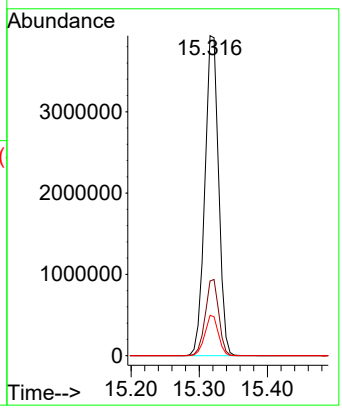


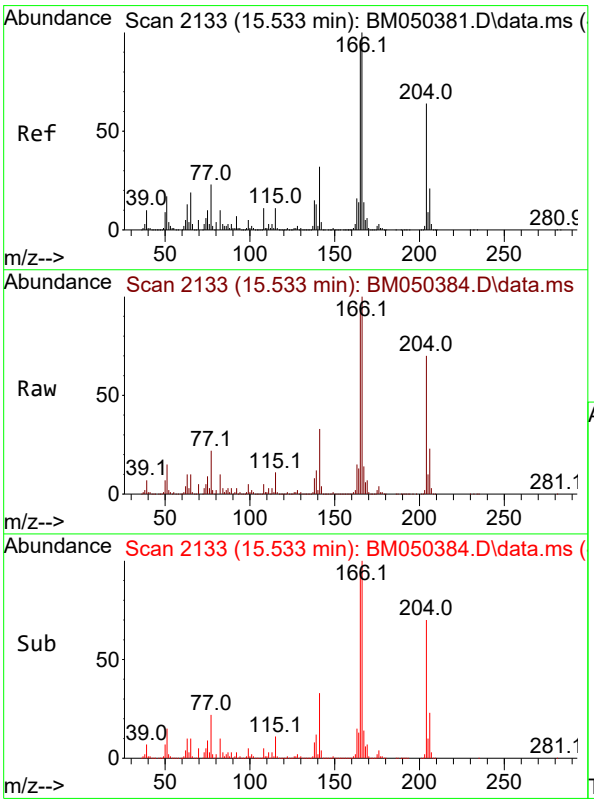
#60
Diethylphthalate
Concen: 80.291 ng
RT: 15.316 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5511226

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.6	9.8	14.8

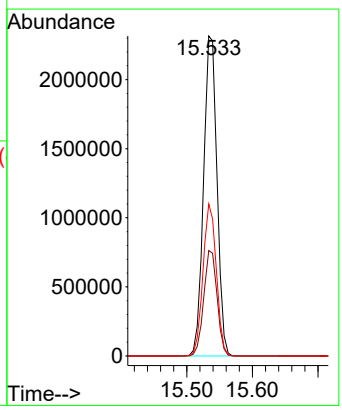


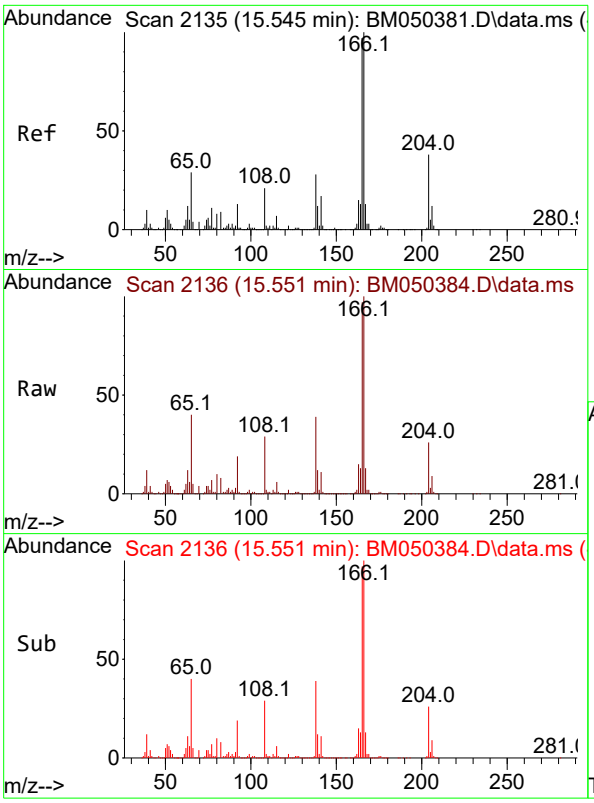


#61
4-Chlorophenyl-phenylether
Concen: 83.798 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:204 Resp: 3298863

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	47.5	39.9	59.9



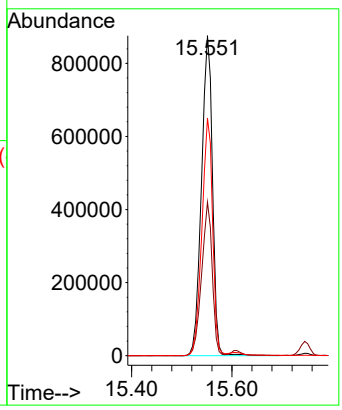


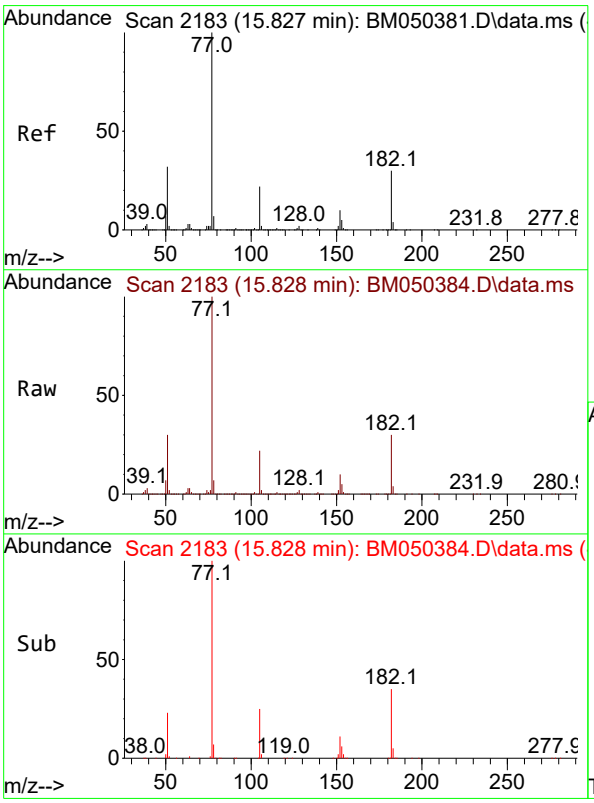
#62
4-Nitroaniline
Concen: 77.536 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1336300

Ion	Ratio	Lower	Upper
138	100		
92	48.0	24.5	64.5
108	74.2	52.5	92.5

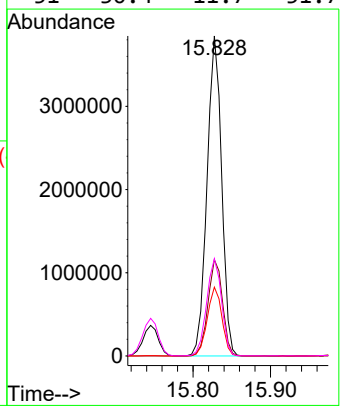


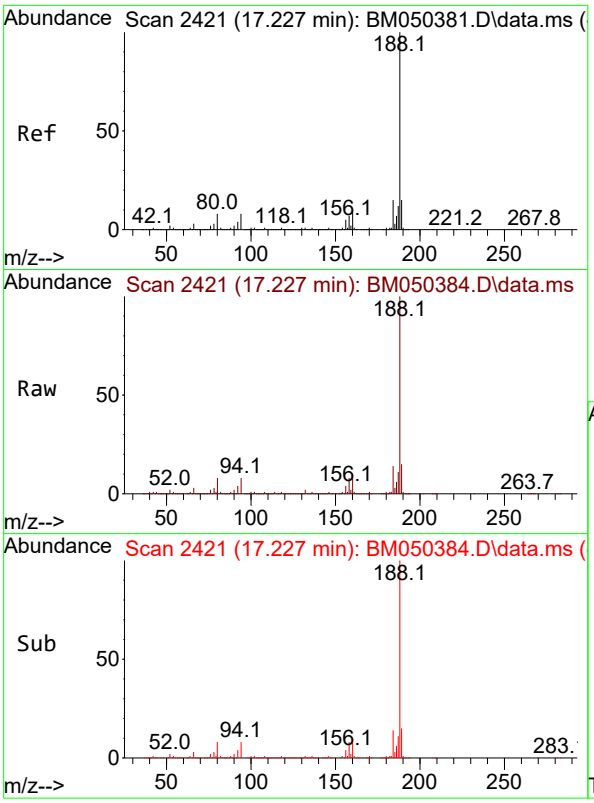


#63
Azobenzene
Concen: 79.741 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 77 Resp: 5026045

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	21.5	2.0	42.0
51	30.4	11.7	51.7



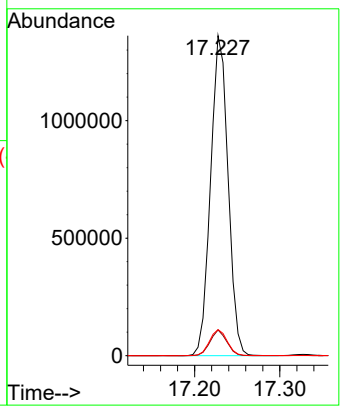


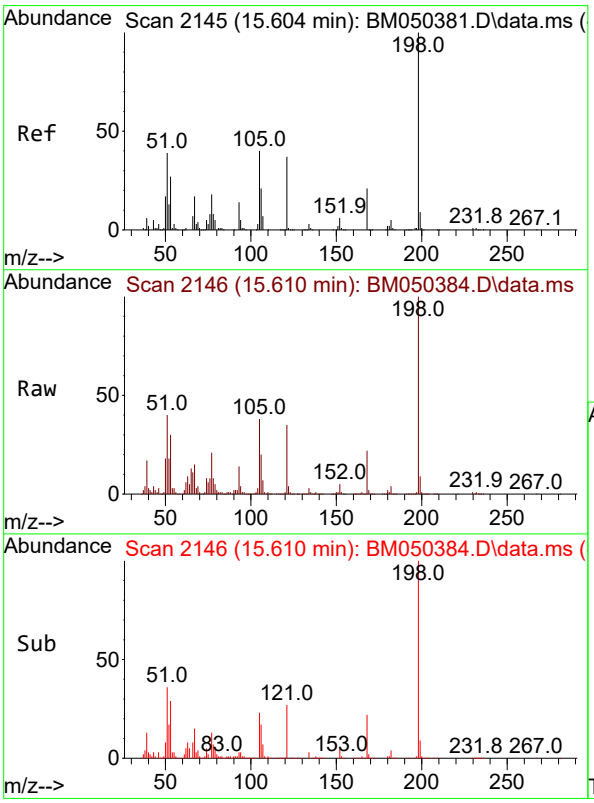
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 1944455

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.0	9.0
80	8.1	6.5	9.7

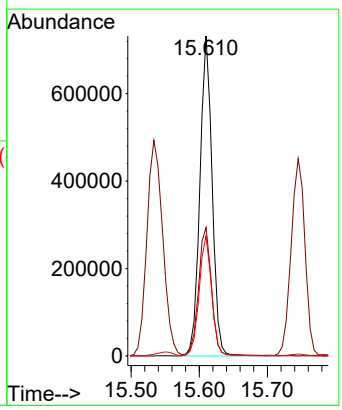


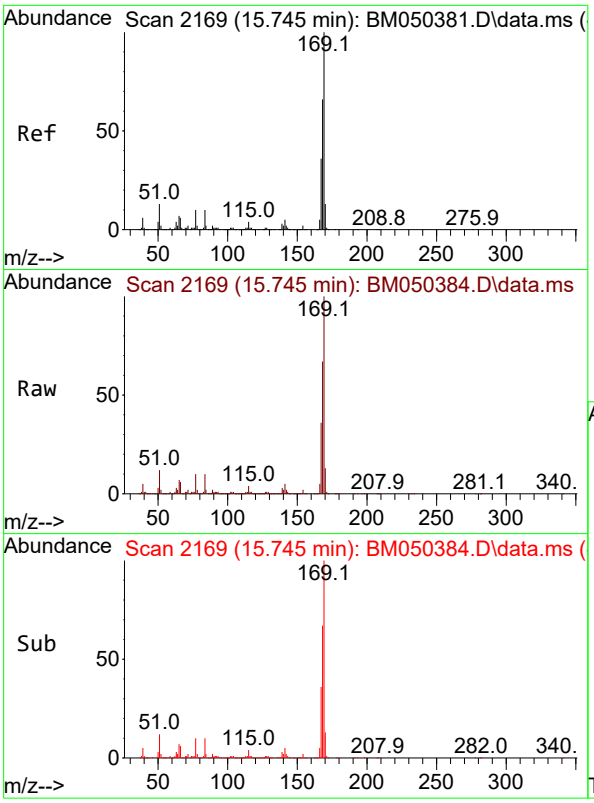


#65
4,6-Dinitro-2-methylphenol
Concen: 82.140 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:198 Resp: 912781

Ion	Ratio	Lower	Upper
198	100		
51	40.1	26.6	66.6
105	37.5	20.9	60.9



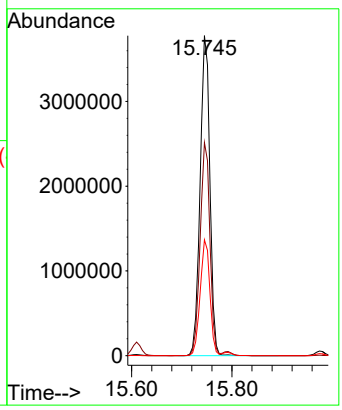


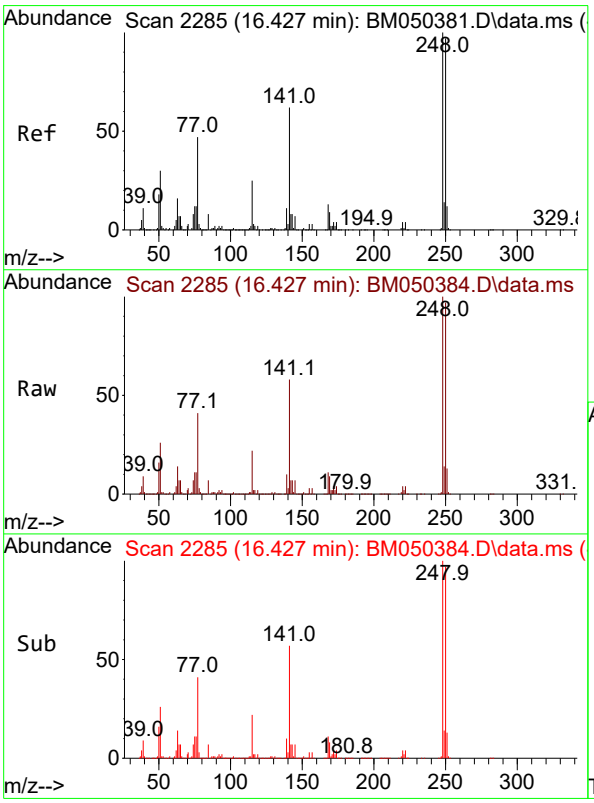
#66
n-Nitrosodiphenylamine
Concen: 83.592 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 5086187

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.2	28.7	43.1

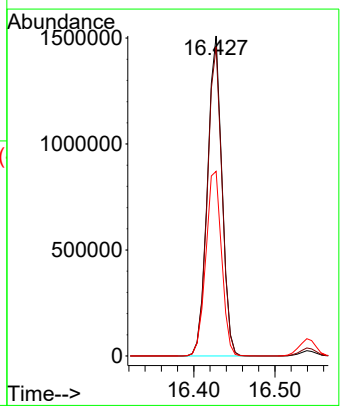


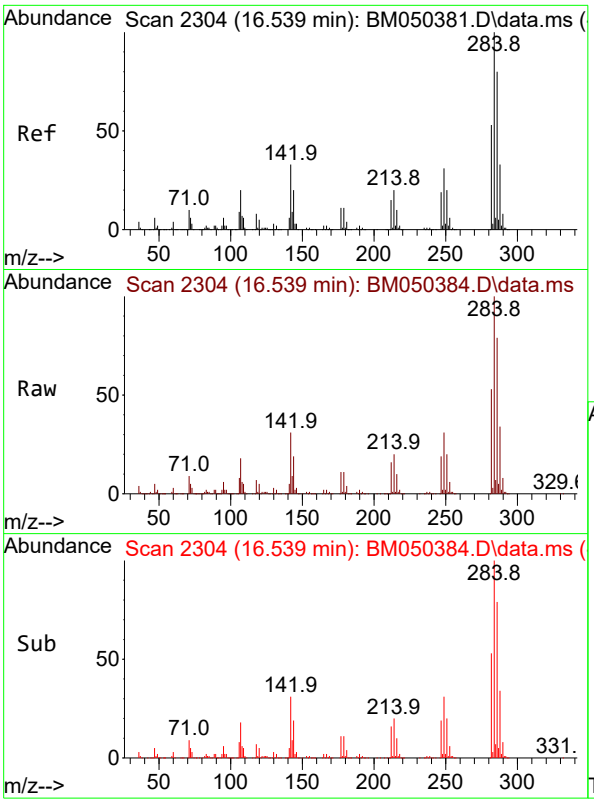


#67
4-Bromophenyl-phenylether
Concen: 87.664 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:248 Resp: 1878071

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.9	116.9
141	57.7	49.7	74.5



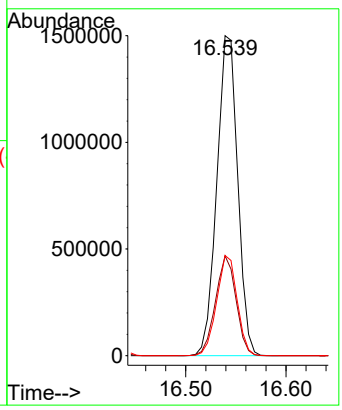


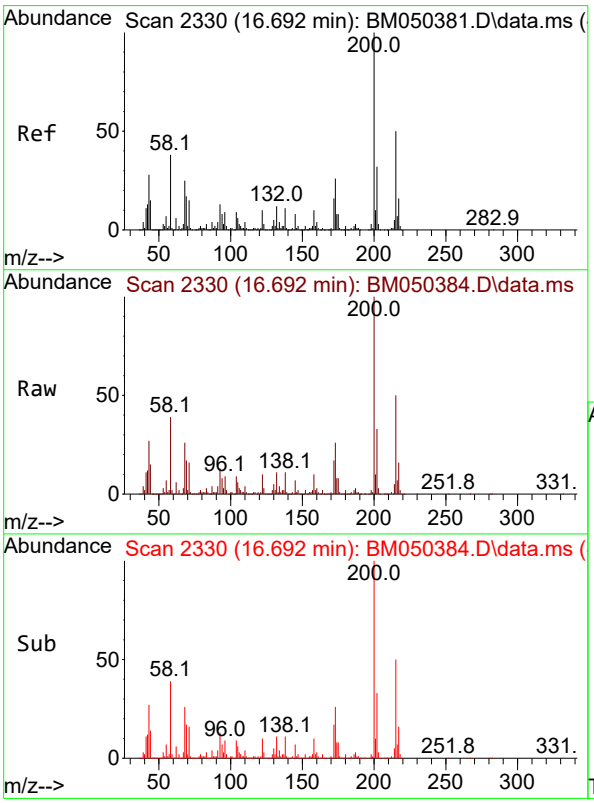
#68
Hexachlorobenzene
Concen: 85.534 ng
RT: 16.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 2164238

Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	31.3	24.5	36.7

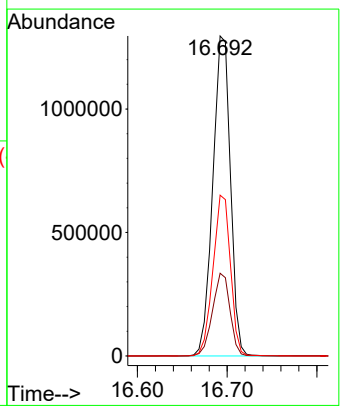


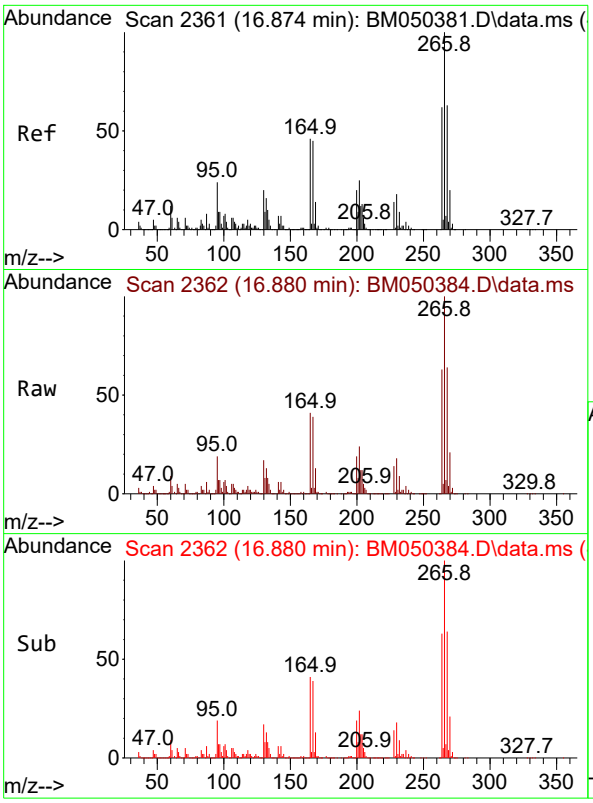


#69
Atrazine
Concen: 88.450 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:200 Resp: 1767182

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.6	45.6
215	50.3	29.6	69.6



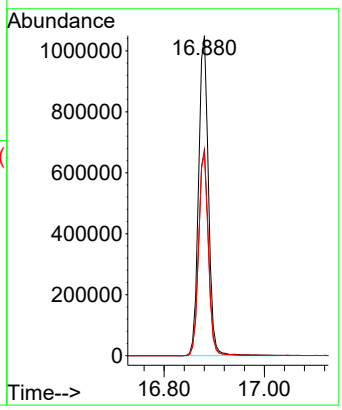


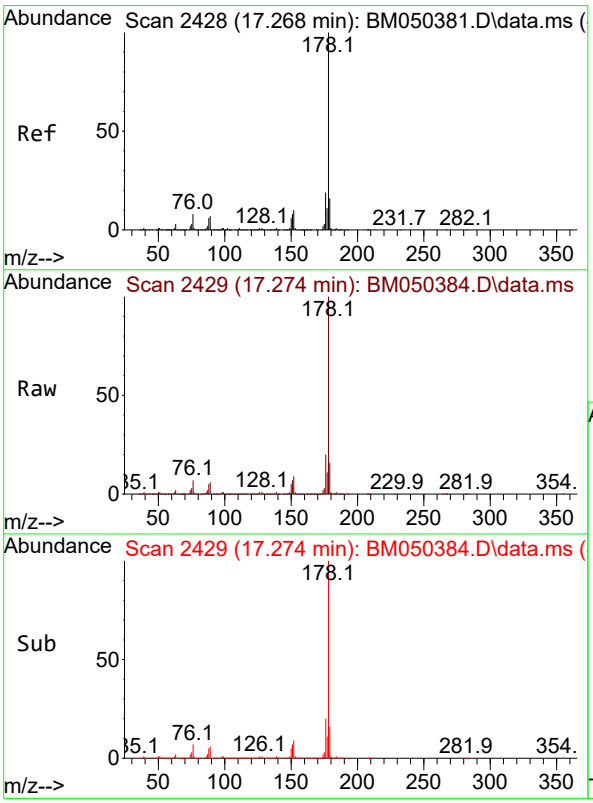
#70
Pentachlorophenol
Concen: 90.473 ng
RT: 16.880 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1425059

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	63.1	49.9	74.9

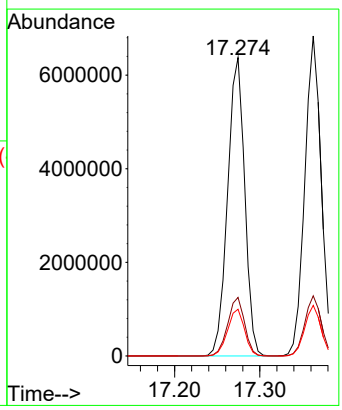


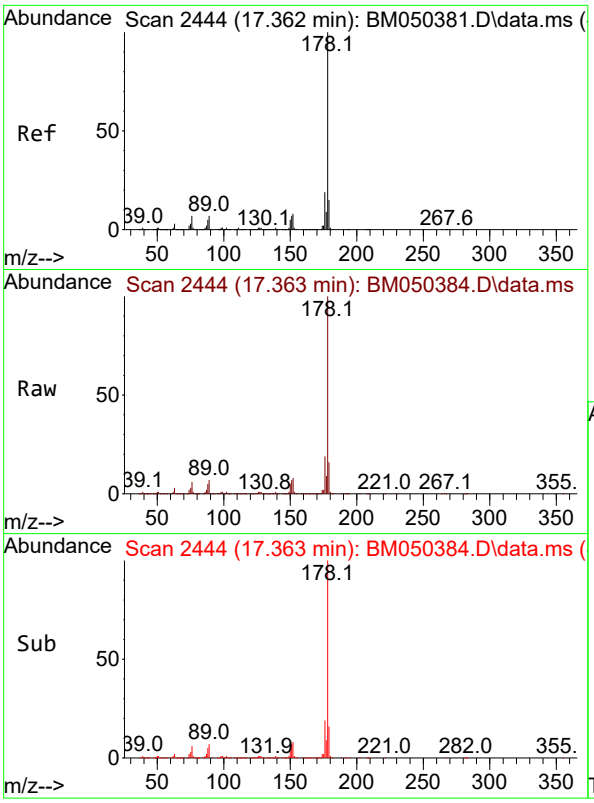


#71
Phenanthrene
Concen: 80.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:178 Resp: 8893346

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.5	18.7



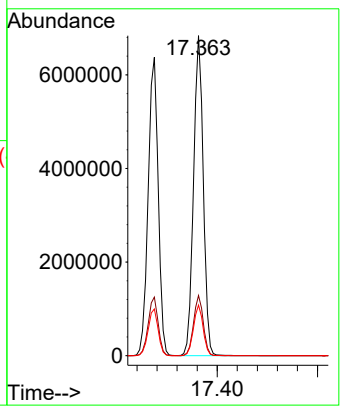


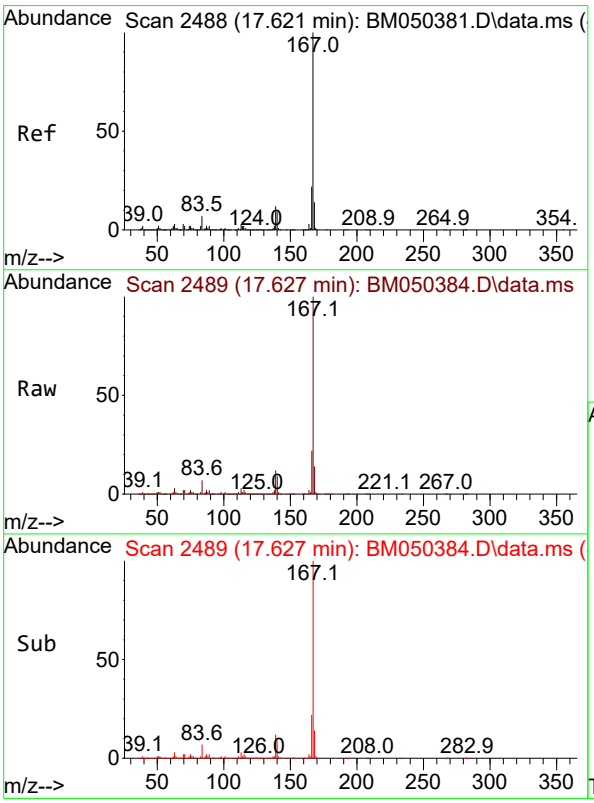
#72
Anthracene
Concen: 83.709 ng
RT: 17.363 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 9167986

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	12.2	18.4

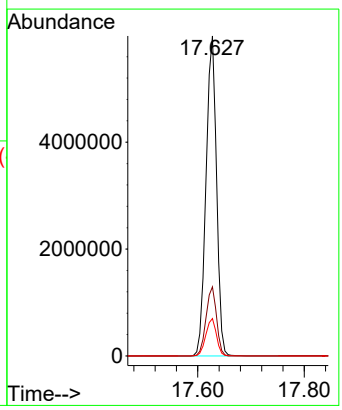


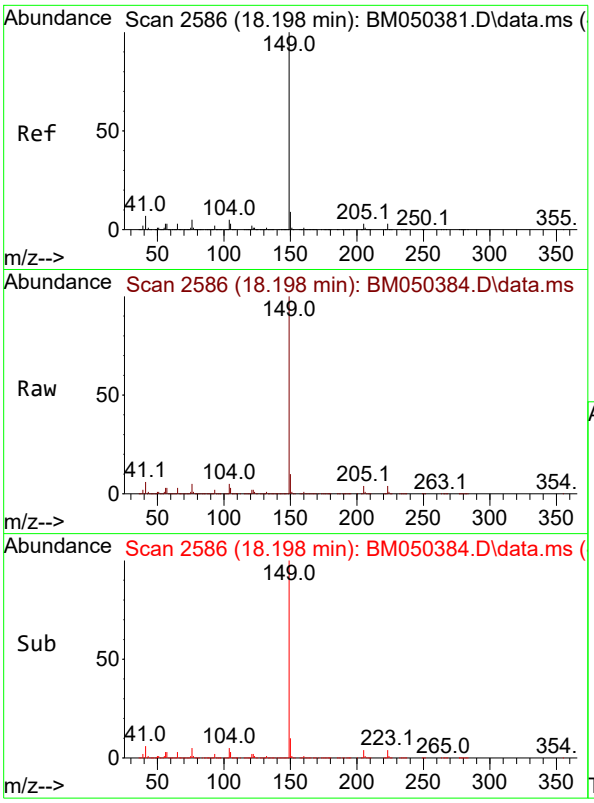


#73
Carbazole
Concen: 82.547 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:167 Resp: 8180242

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.7	9.9	14.9



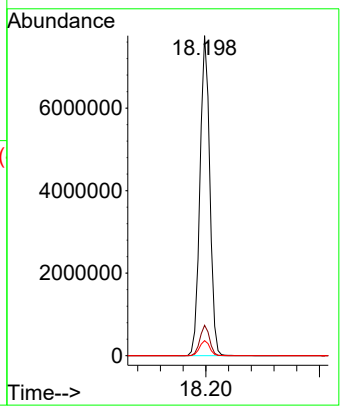


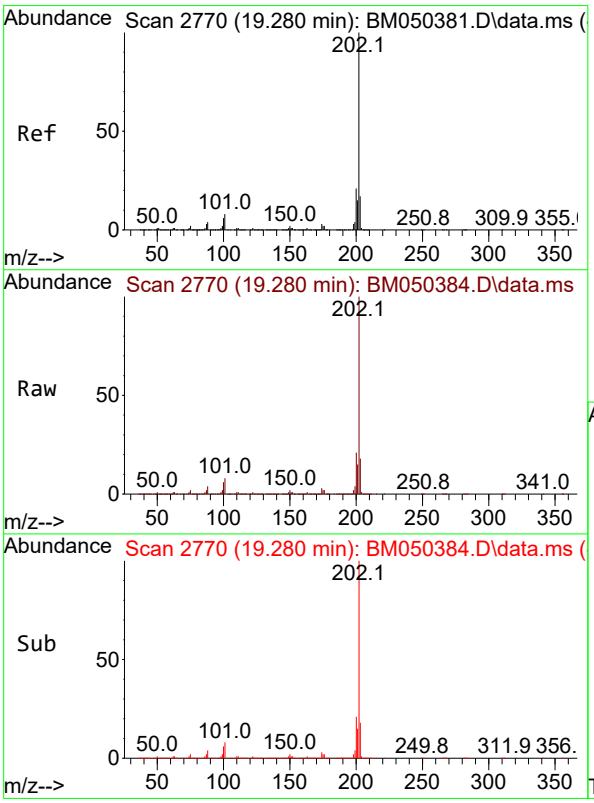
#74
Di-n-butylphthalate
Concen: 85.749 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 9300935

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.9	5.9

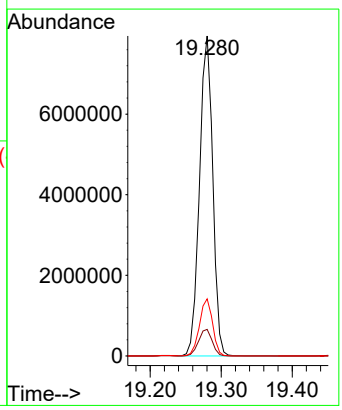


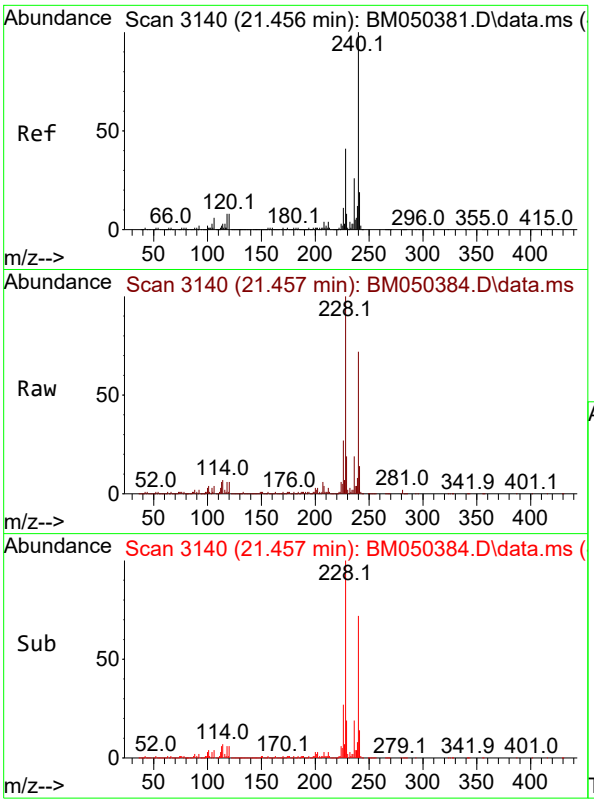


#75
Fluoranthene
Concen: 86.256 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:202 Resp:10317307

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.9	0.0	37.2



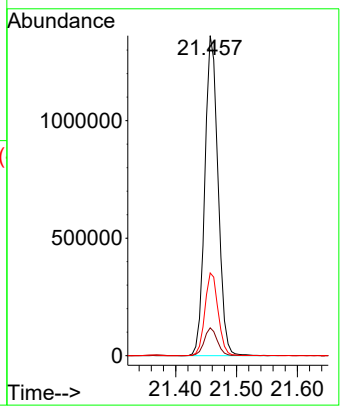


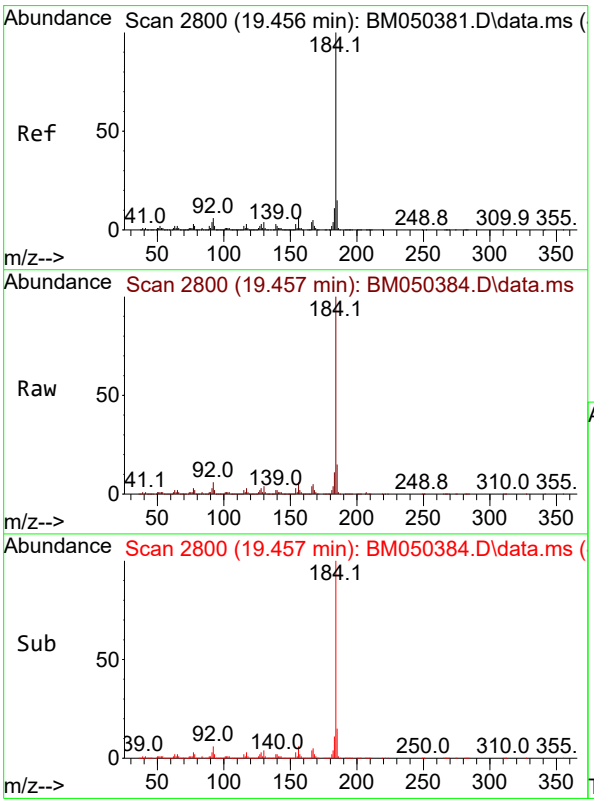
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 2055292

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	25.8	20.7	31.1

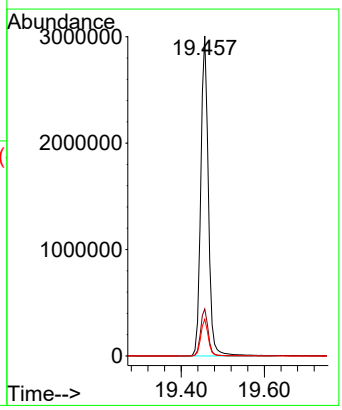


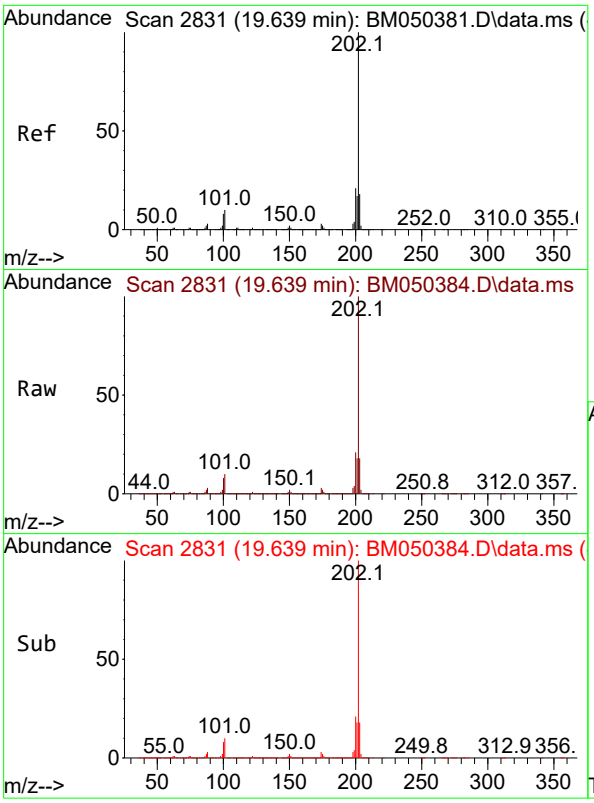


#77
Benzidine
Concen: 72.819 ng
RT: 19.457 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:184 Resp: 3817410

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.4	9.0	13.6



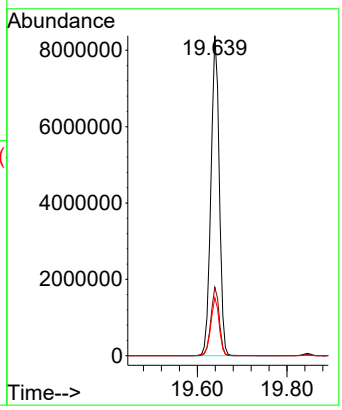


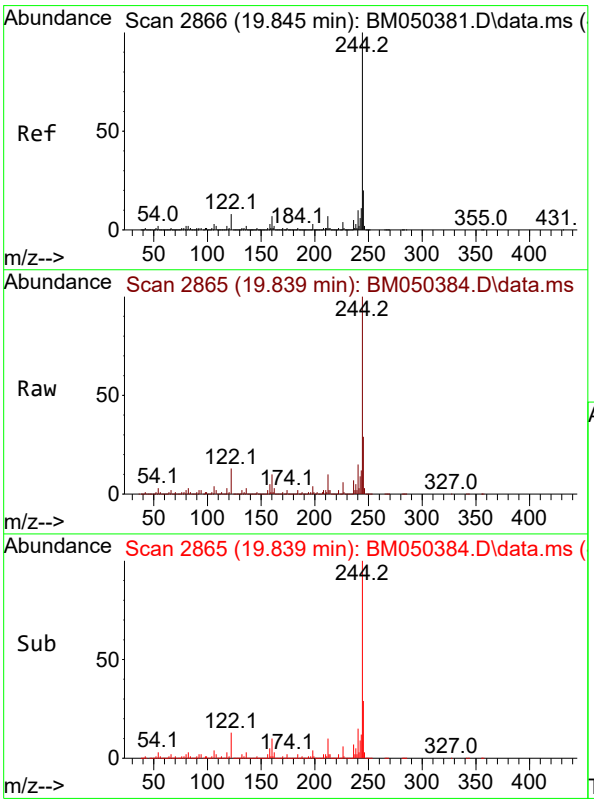
#78
Pyrene
Concen: 82.185 ng
RT: 19.639 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:10818153

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.1	14.1	21.1

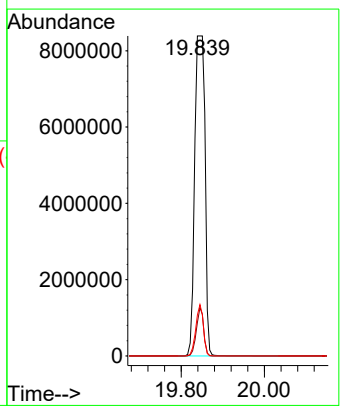


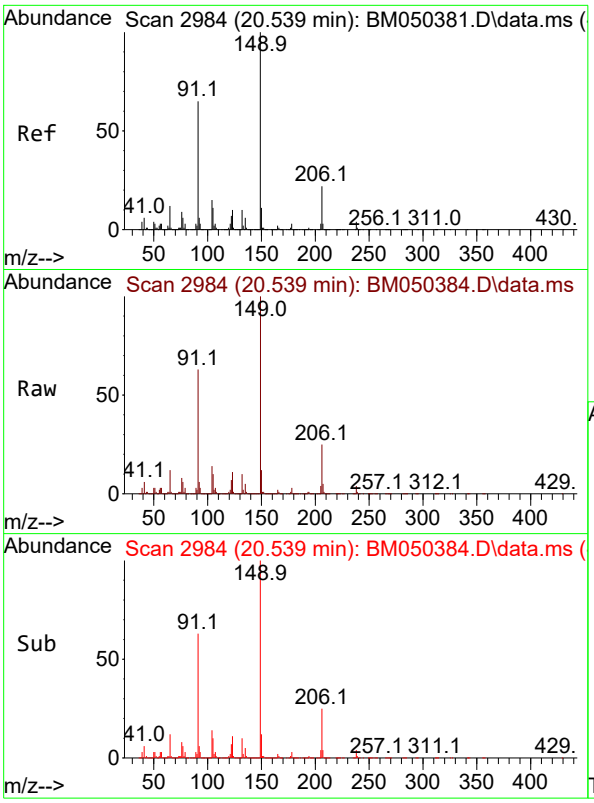


#79
Terphenyl-d14
Concen: 123.577 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:244 Resp:14435460

Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.7	8.5#
122	12.8	6.2	9.2#



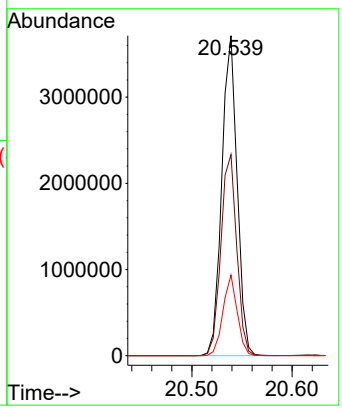


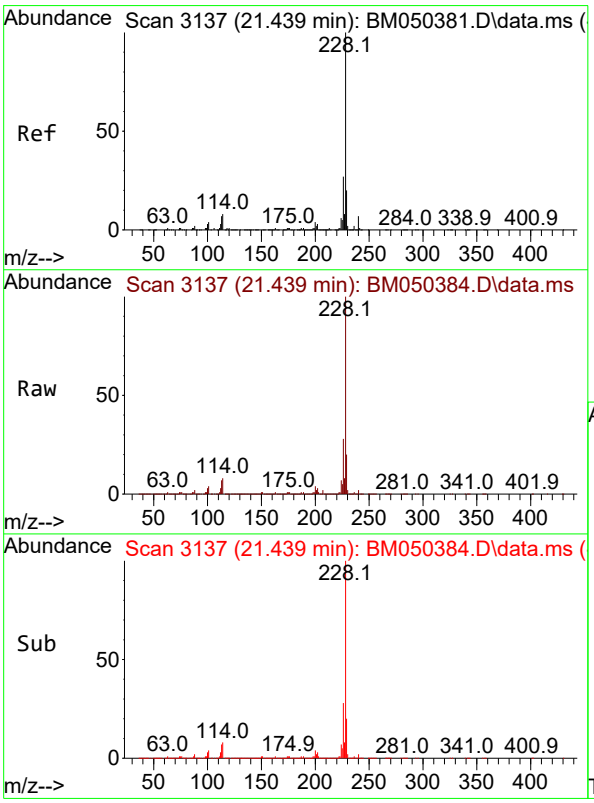
#80
Butylbenzylphthalate
Concen: 90.734 ng
RT: 20.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3938114

Ion	Ratio	Lower	Upper
149	100		
91	62.9	51.6	77.4
206	25.2	17.8	26.8

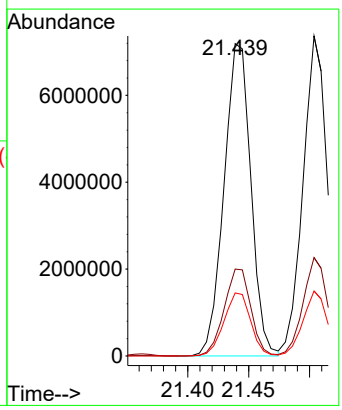


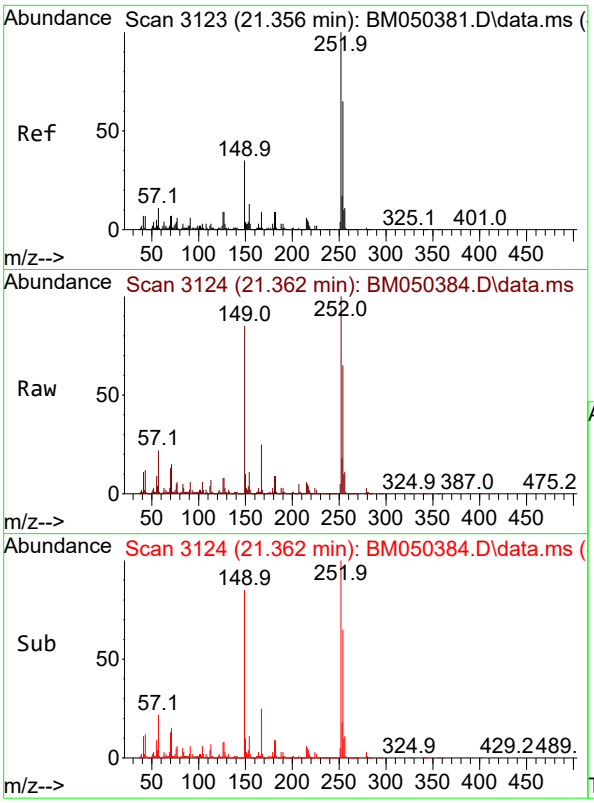


#81
Benzo(a)anthracene
Concen: 82.558 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:11055858

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.0	24.0



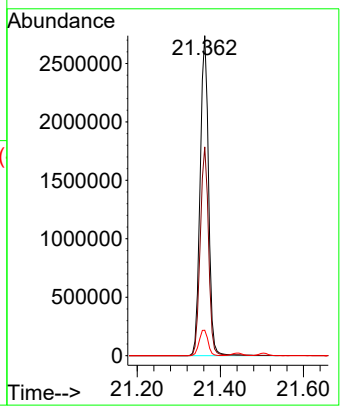


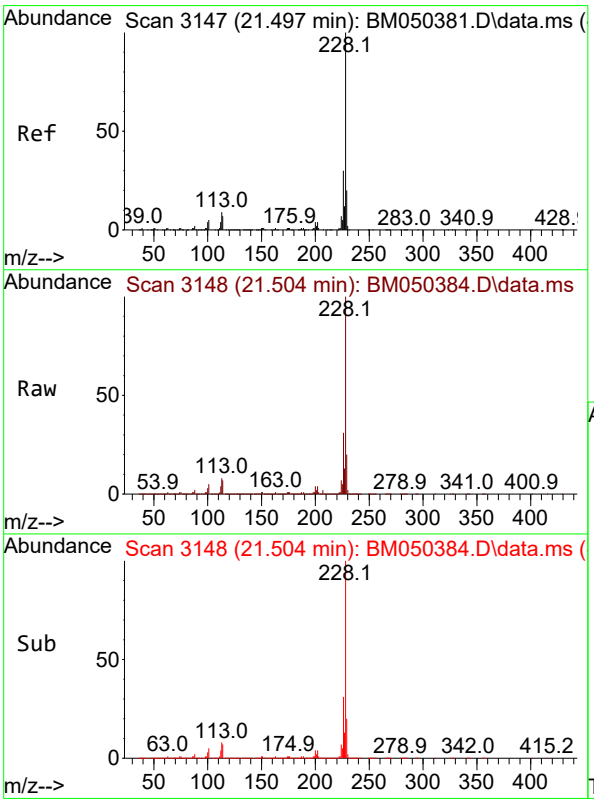
#82
3,3'-Dichlorobenzidine
Concen: 84.699 ng
RT: 21.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3825108

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	8.0	7.3	10.9

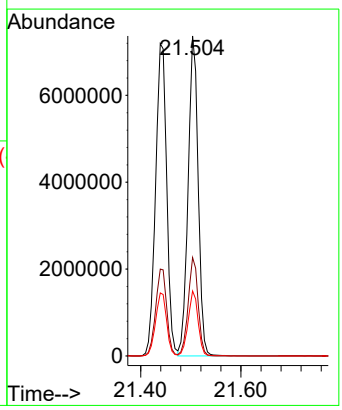


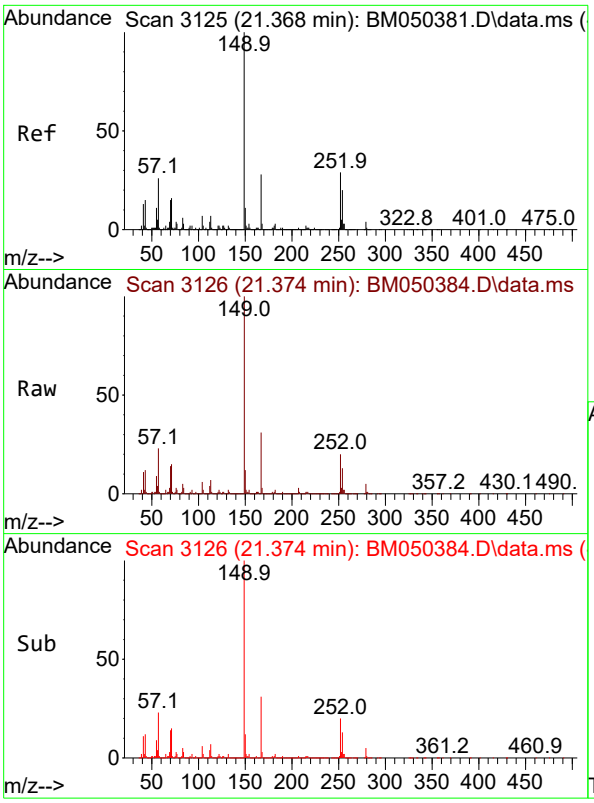


#83
Chrysene
Concen: 81.310 ng
RT: 21.504 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:10270454

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.3	15.8	23.6



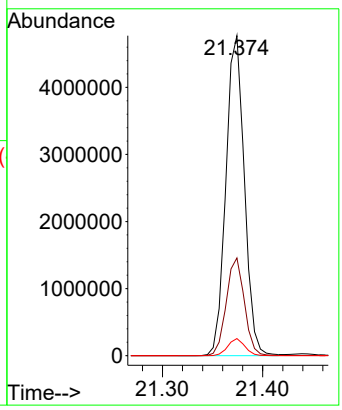


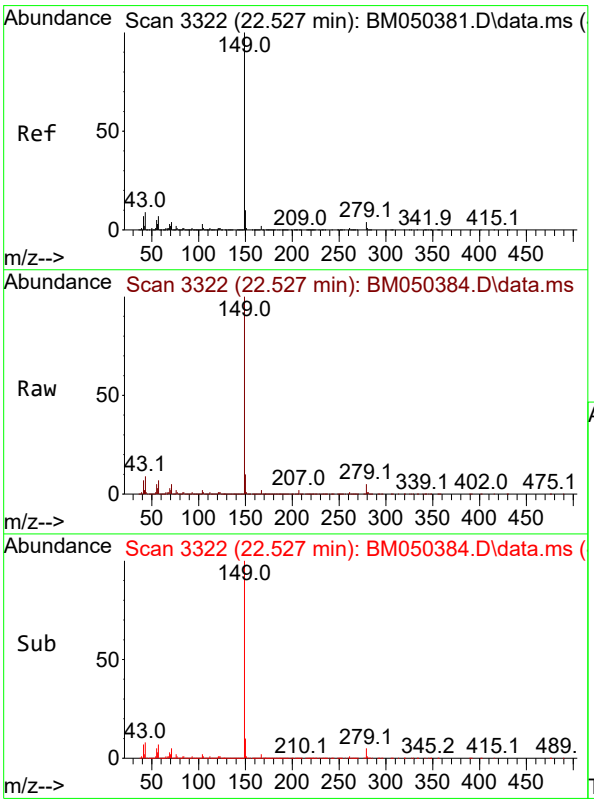
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.540 ng
RT: 21.374 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6100517

Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.7	34.1
279	5.4	3.5	5.3#

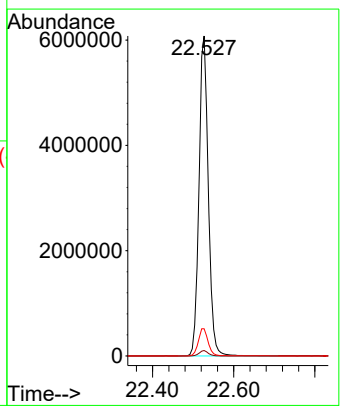


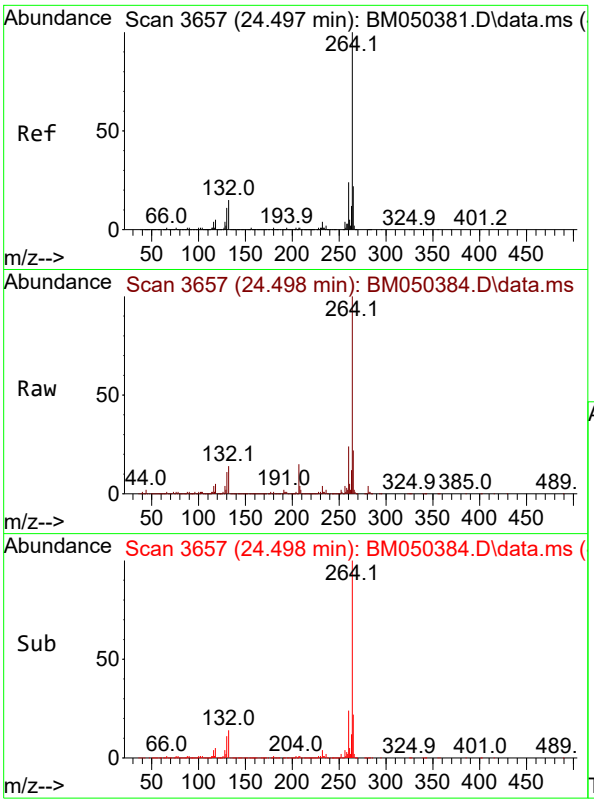


#85
Di-n-octyl phthalate
Concen: 90.093 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:149 Resp: 9722259

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.7	11.5



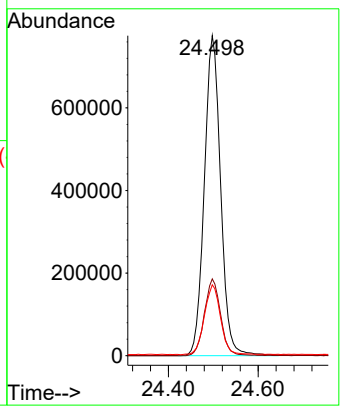


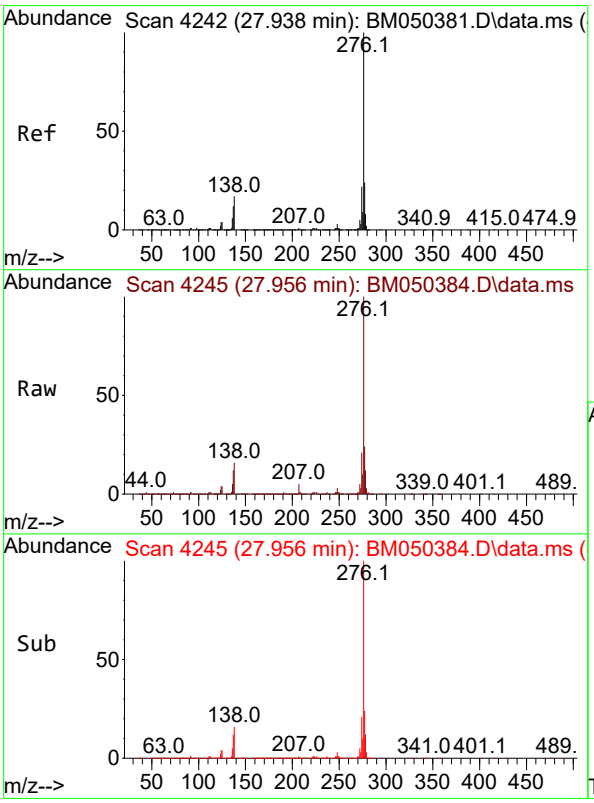
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1953481

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6

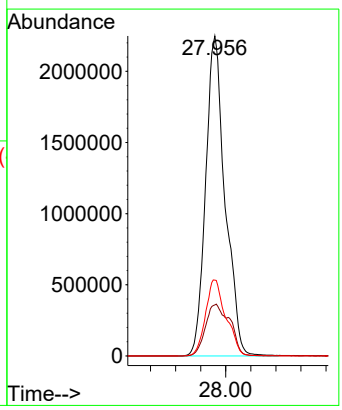


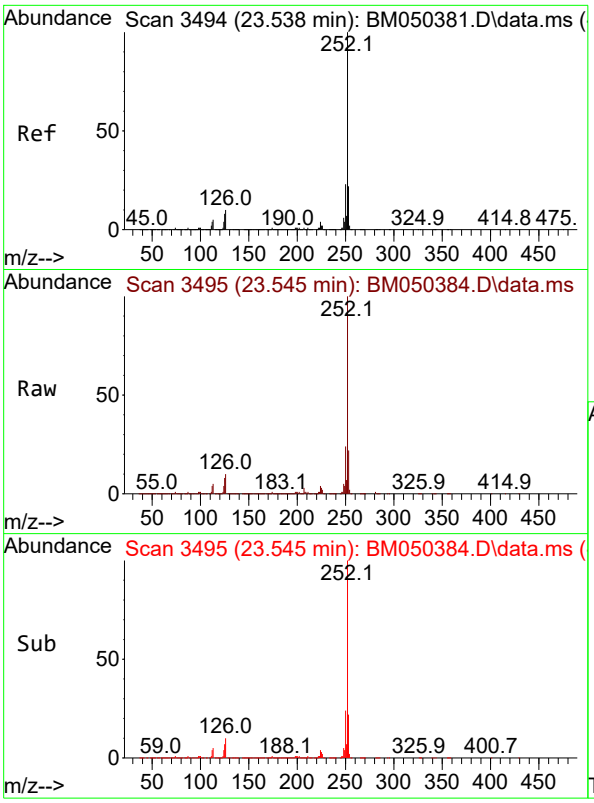


#87
Indeno(1,2,3-cd)pyrene
Concen: 87.270 ng
RT: 27.956 min Scan# 4245
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:276 Resp:12120915

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.1	20.0	30.0



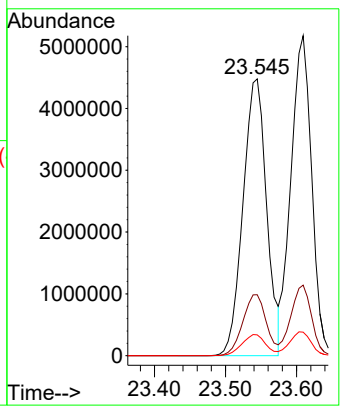


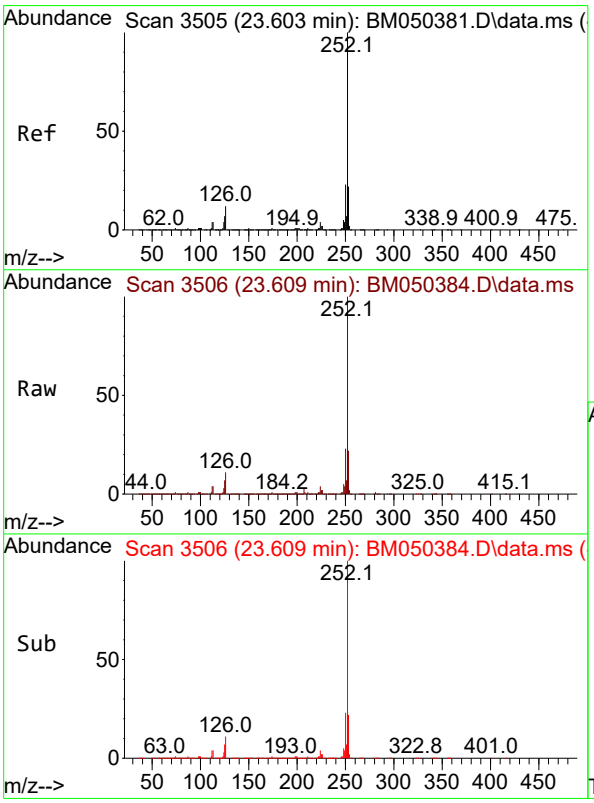
#88
Benzo(b)fluoranthene
Concen: 86.316 ng
RT: 23.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:10371642

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.5	6.3	9.5

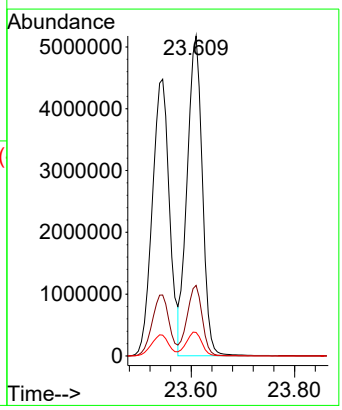


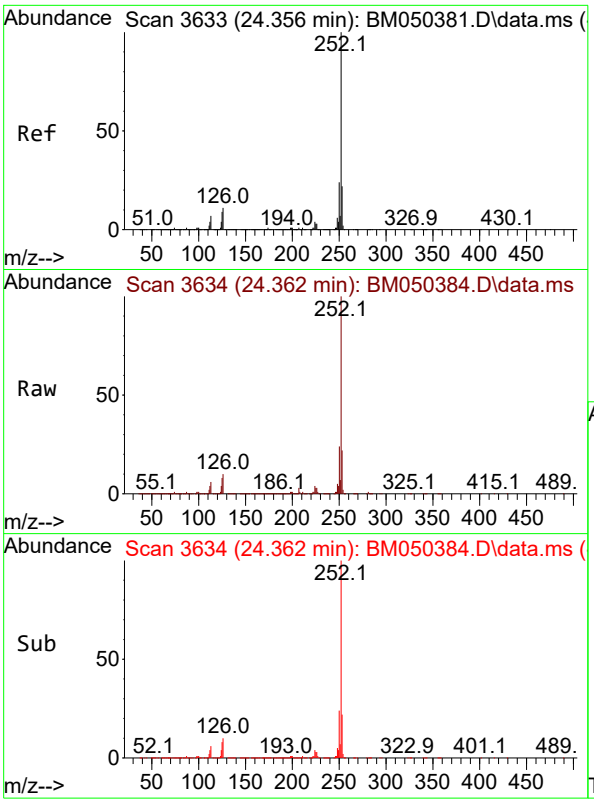


#89
Benzo(k)fluoranthene
Concen: 84.592 ng
RT: 23.609 min Scan# 3506
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:252 Resp:10546917

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.3	6.2	9.2



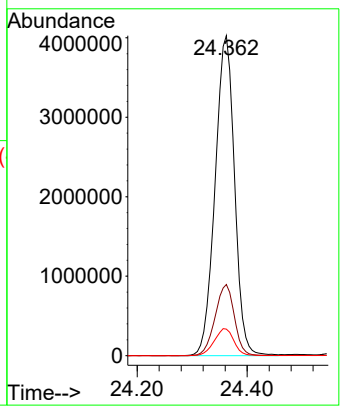


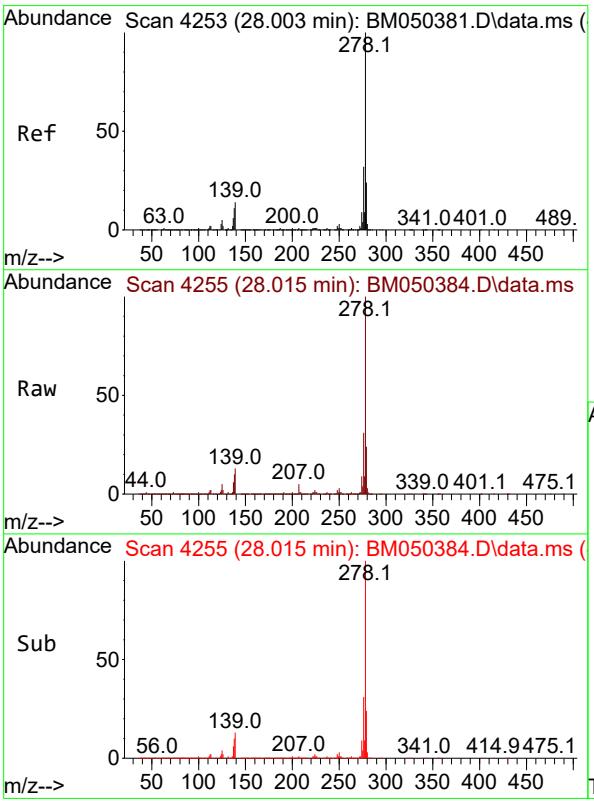
#90
Benzo(a)pyrene
Concen: 87.833 ng
RT: 24.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9879526

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	7.0	10.4

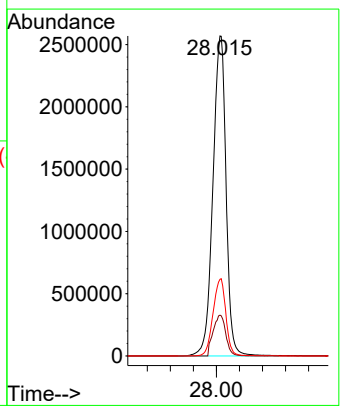


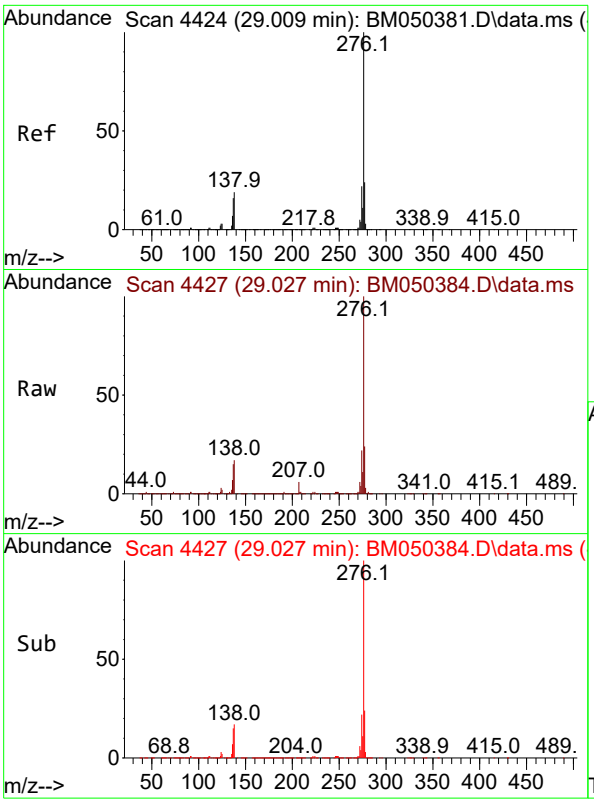


#91
Dibenzo(a,h)anthracene
Concen: 86.905 ng
RT: 28.015 min Scan# 4255
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:278 Resp:10165335

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	24.0	19.4	29.0



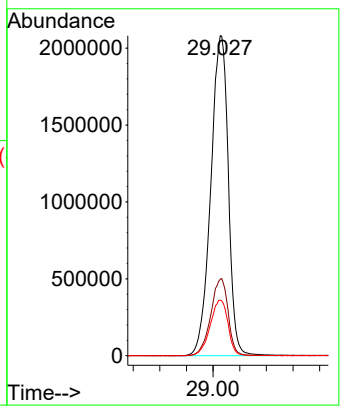


#92
Benzo(g,h,i)perylene
Concen: 85.979 ng
RT: 29.027 min Scan# 44
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 9504954

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.4	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	404345	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng		0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng		0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng		0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng		0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng		99
3) Pyridine	3.734	79	1042715	41.118	ng		98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng		99
6) Aniline	7.187	93	1617701	42.568	ng		100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng		98
9) Benzaldehyde	6.998	77	799316m	45.376	ng		
10) Phenol	7.051	94	1300713	42.114	ng		99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng		97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng		99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng		99
17) 2-Methylphenol	8.298	107	855883	42.726	ng		99
18) Hexachloroethane	8.951	117	453255	41.906	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng		97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng		99
22) Acetophenone	8.686	105	1643199	42.290	ng	#	97
24) Nitrobenzene	9.063	77	1137842	41.860	ng		98
25) Isophorone	9.592	82	2120872	42.909	ng		99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng		97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng		100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng		99
31) Naphthalene	10.716	128	3258495	41.281	ng		99
32) Benzoic acid	9.951	122	593935	41.913	ng		97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng		99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng		99
35) Caprolactam	11.586	113	285315	43.156	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng		100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng		99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng		98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng		100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng		99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

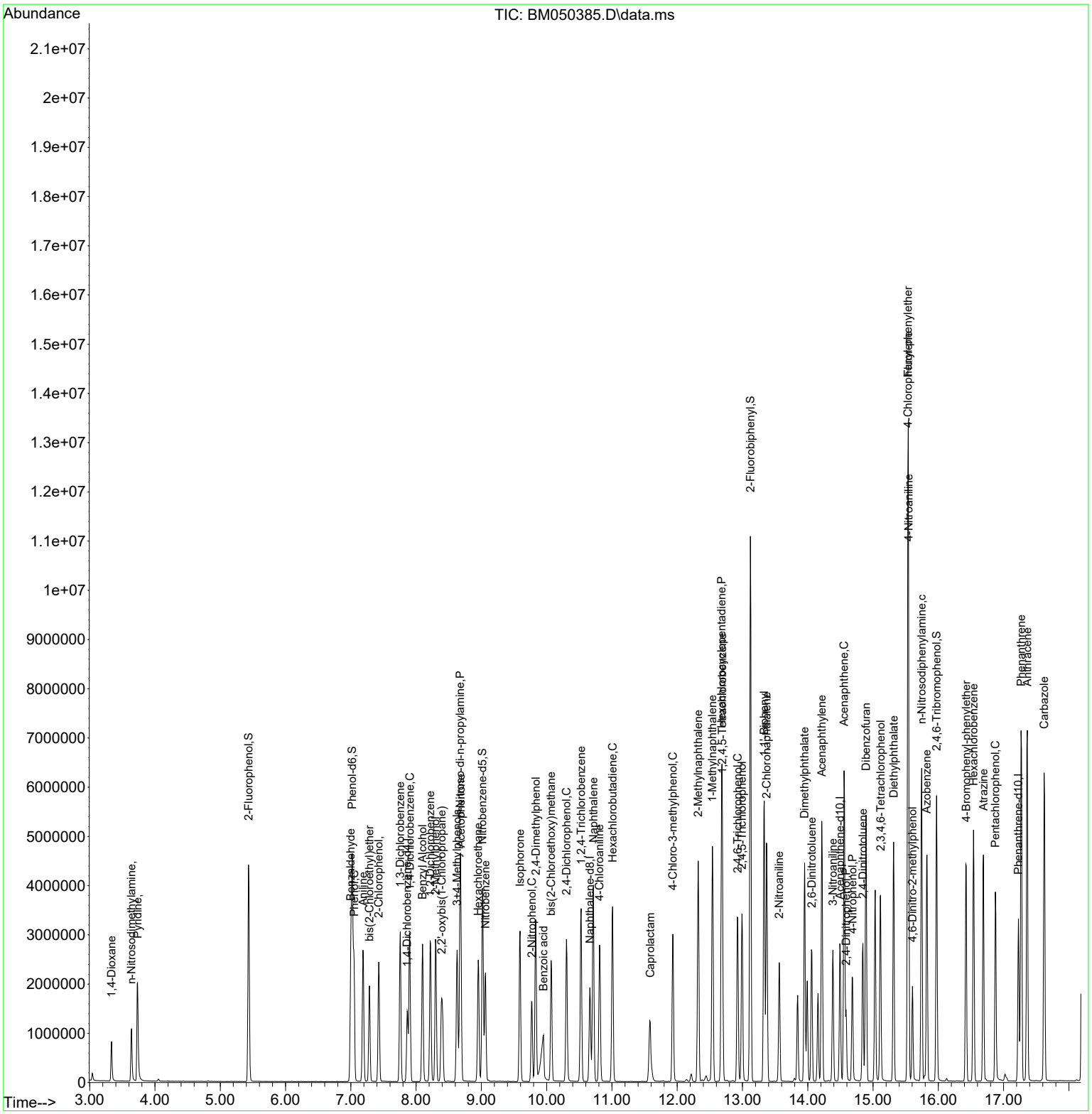
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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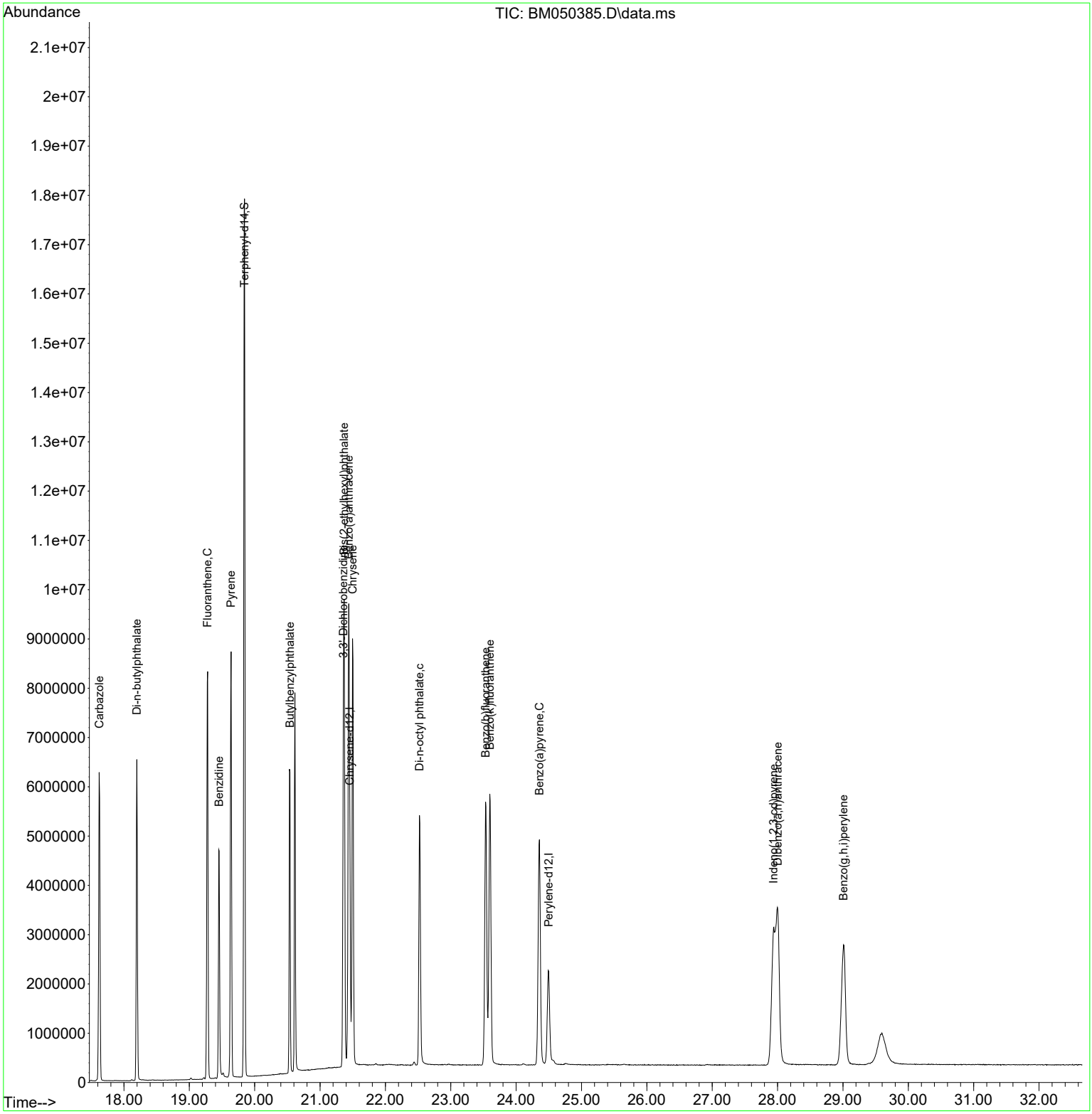
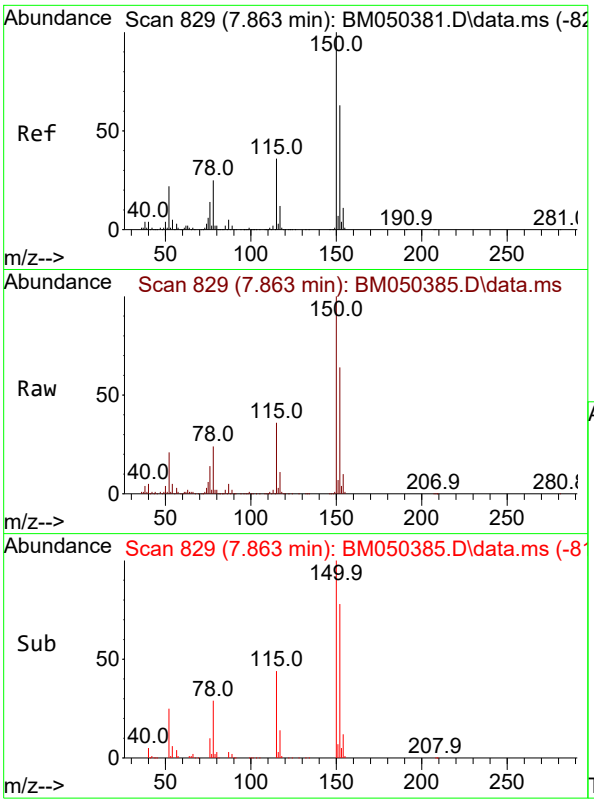


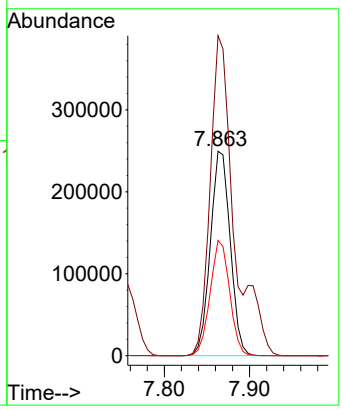


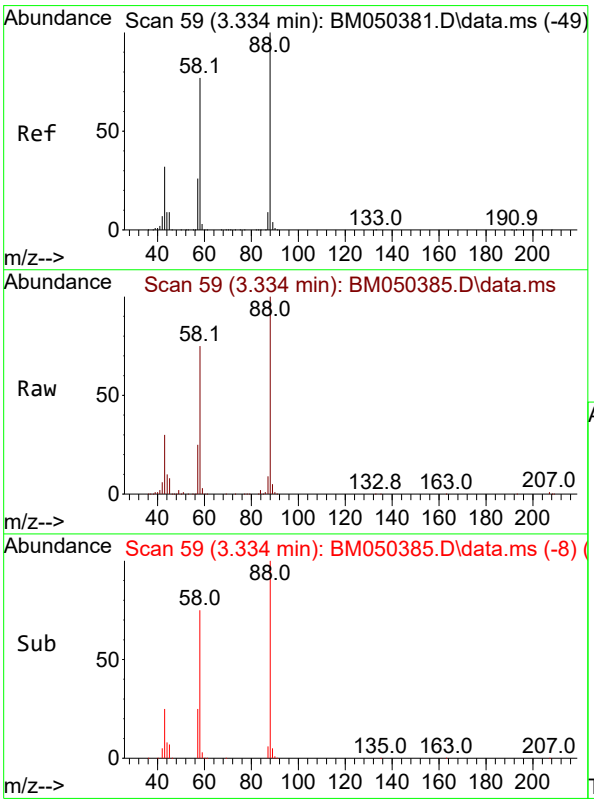
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:152 Resp: 404345

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.4
115	56.3	45.8	68.8

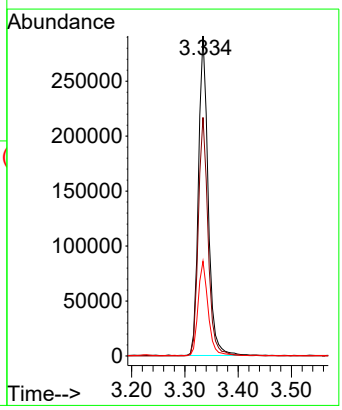


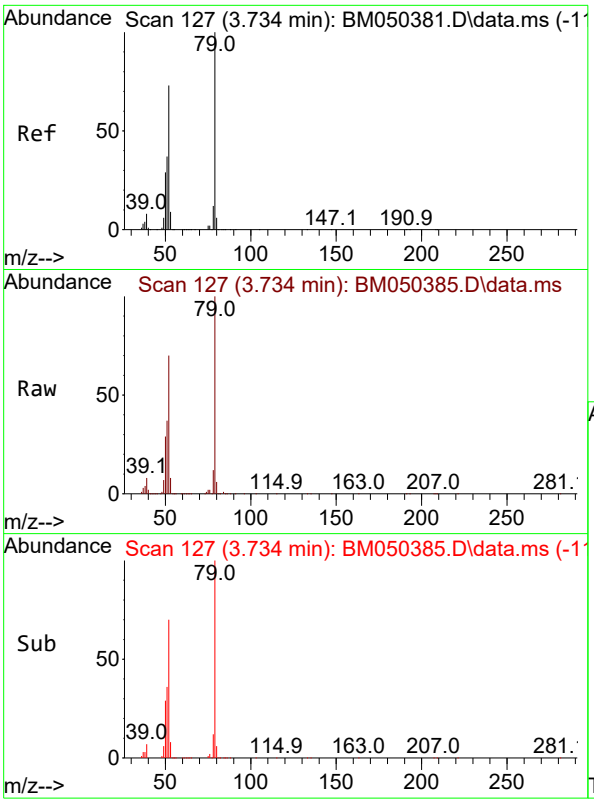


#2
1,4-Dioxane
Concen: 37.994 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 88 Resp: 366994

Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.0	91.6
43	30.2	24.6	37.0



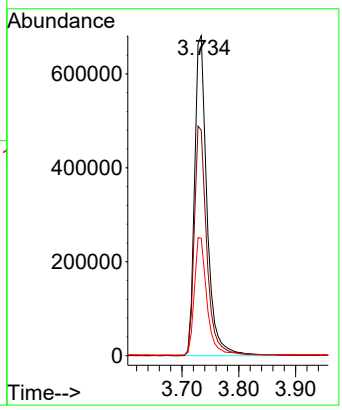


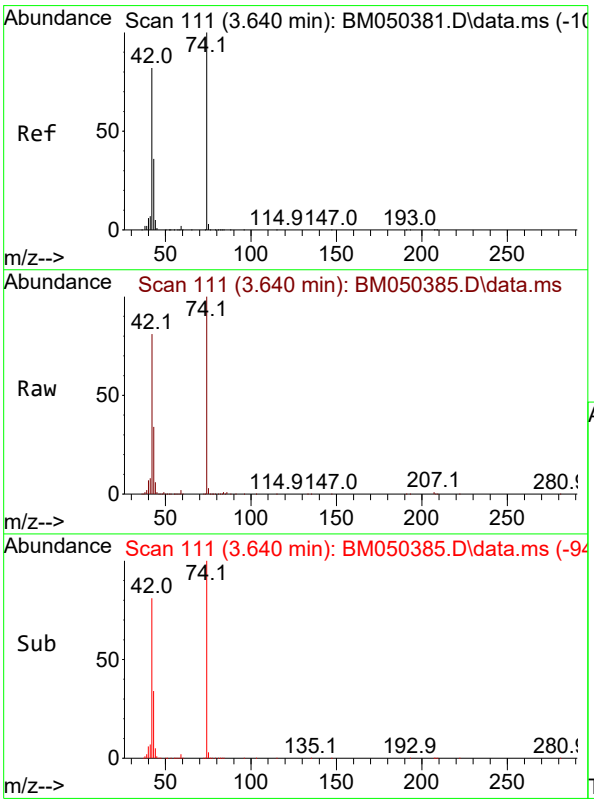
#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 1042715

Ion	Ratio	Lower	Upper
79	100		
52	70.5	58.3	87.5
51	36.7	29.6	44.4

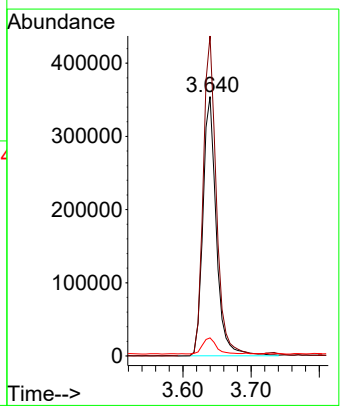


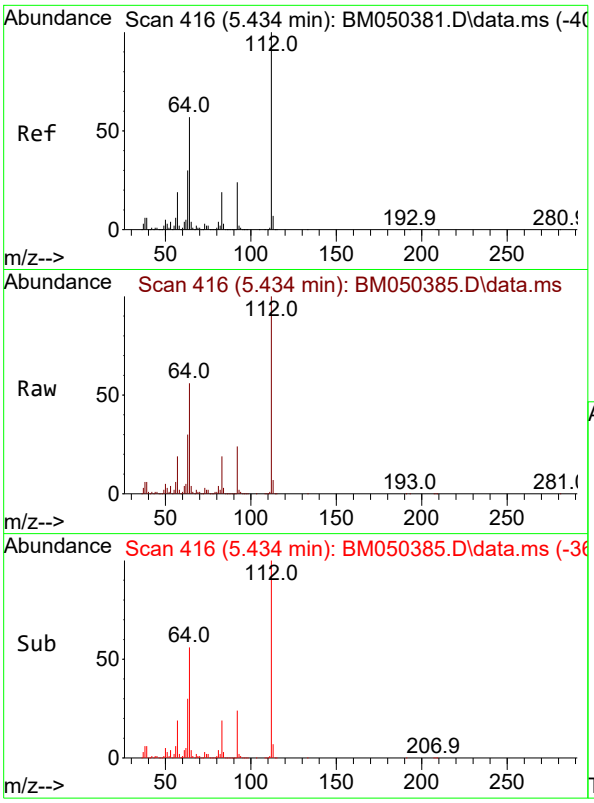


#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 42 Resp: 482767

Ion	Ratio	Lower	Upper
42	100		
74	123.4	97.5	146.3
44	7.0	5.7	8.5



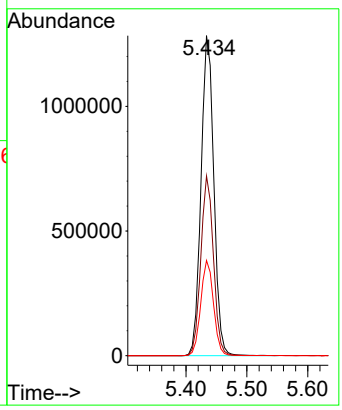


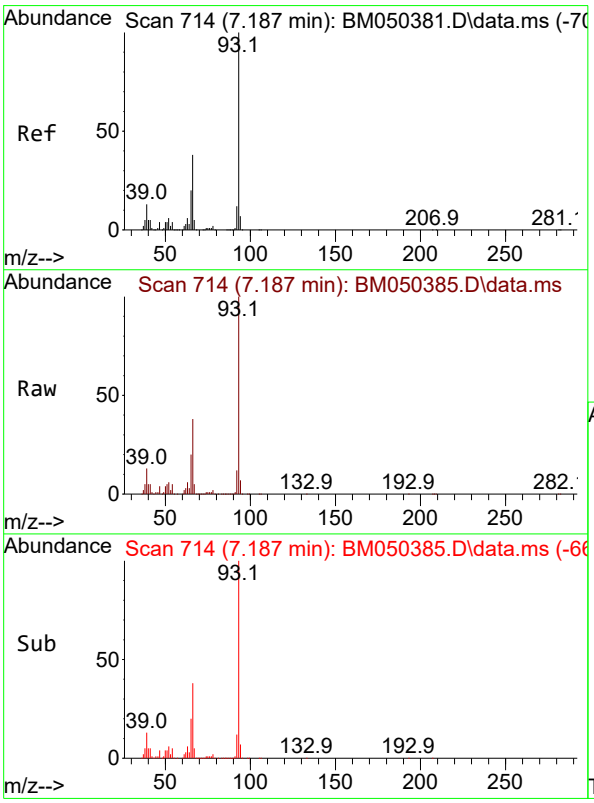
#5
2-Fluorophenol
Concen: 79.859 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:112 Resp: 1875929

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.5	68.3
63	29.8	24.2	36.4

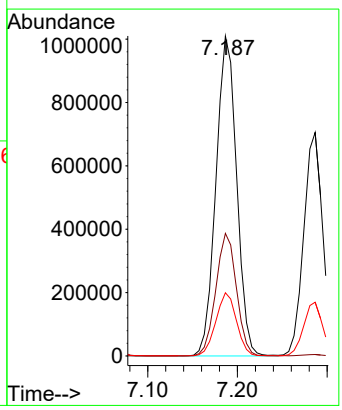


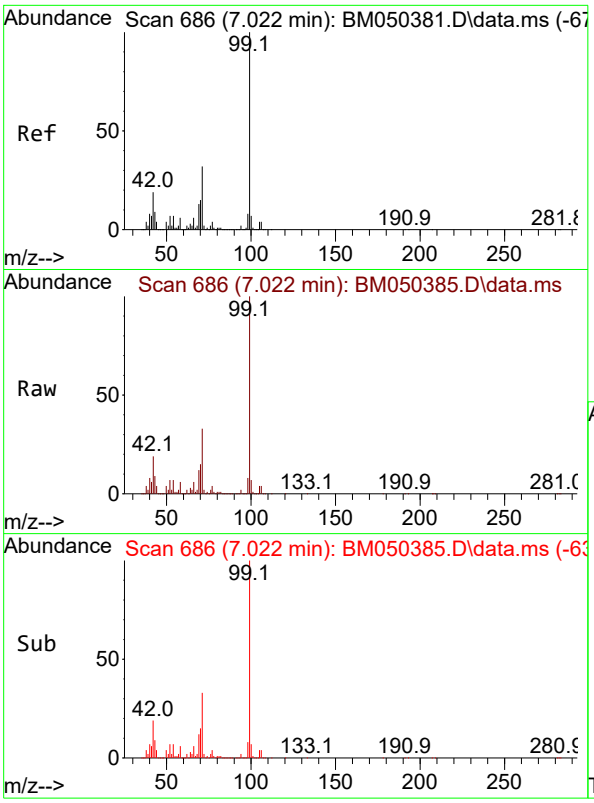


#6
Aniline
Concen: 42.568 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1617701

Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.5	45.7
65	19.7	15.9	23.9



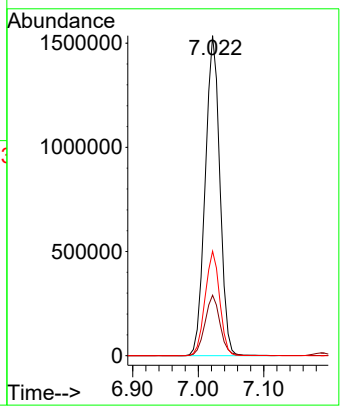


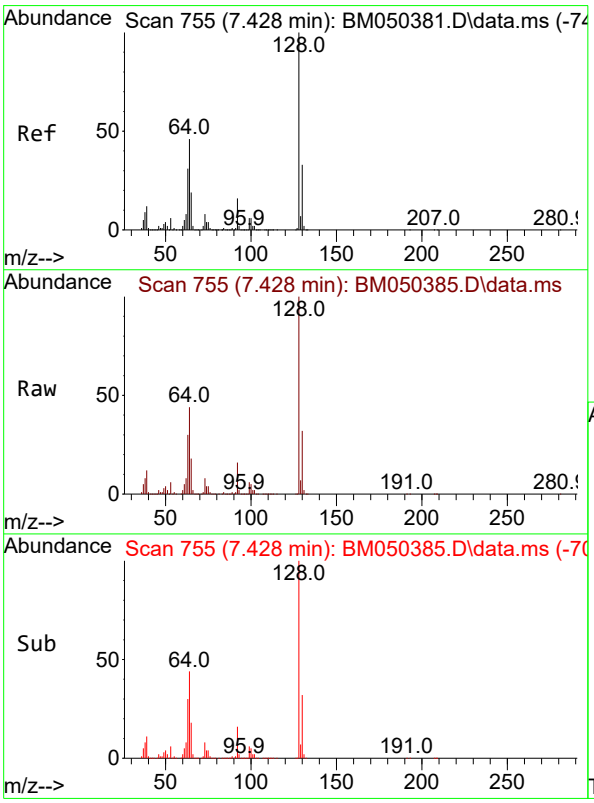
#7
Phenol-d6
Concen: 80.660 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 99 Resp: 2388524

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.6
71	32.6	25.9	38.9

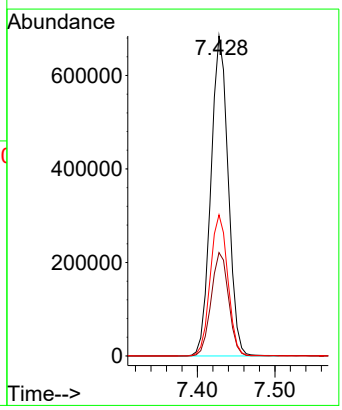


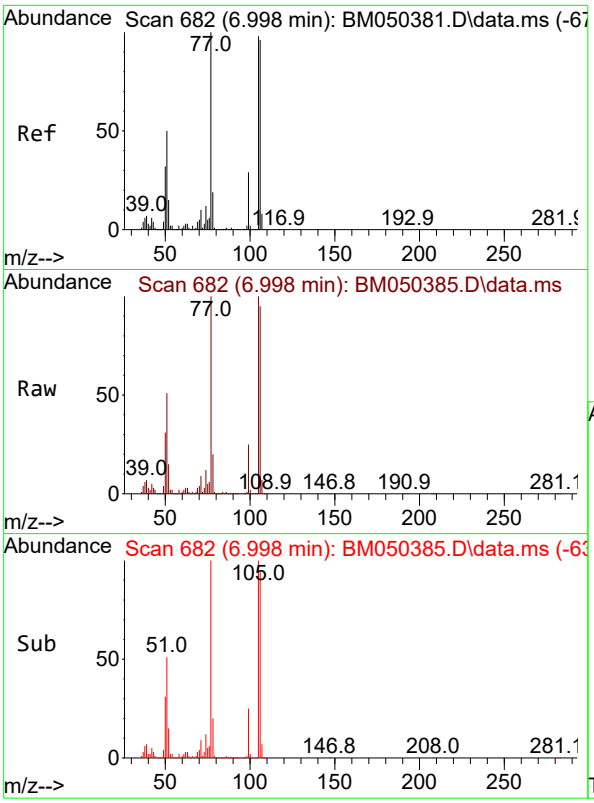


#8
2-Chlorophenol
Concen: 42.935 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:128 Resp: 1063478

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	44.1	25.6	65.6



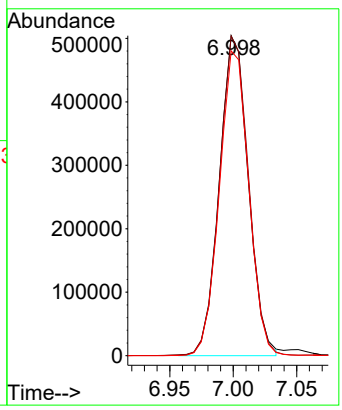


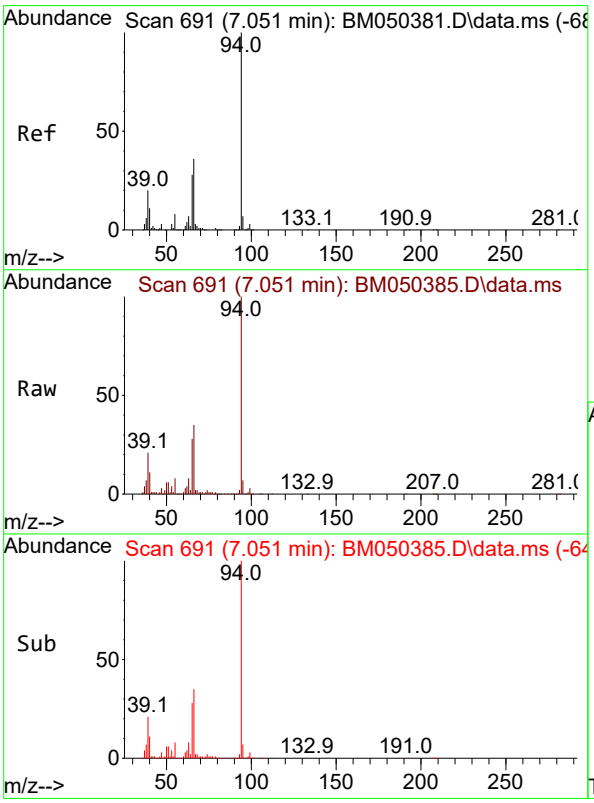
#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 799316

Ion	Ratio	Lower	Upper
77	100		
105	99.8	78.4	118.4
106	95.2	76.3	116.3

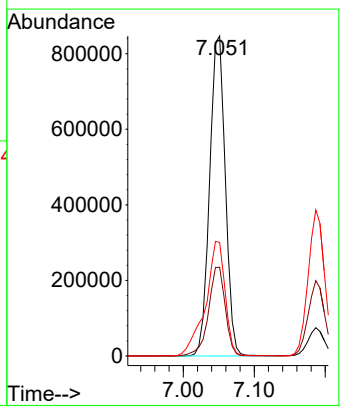


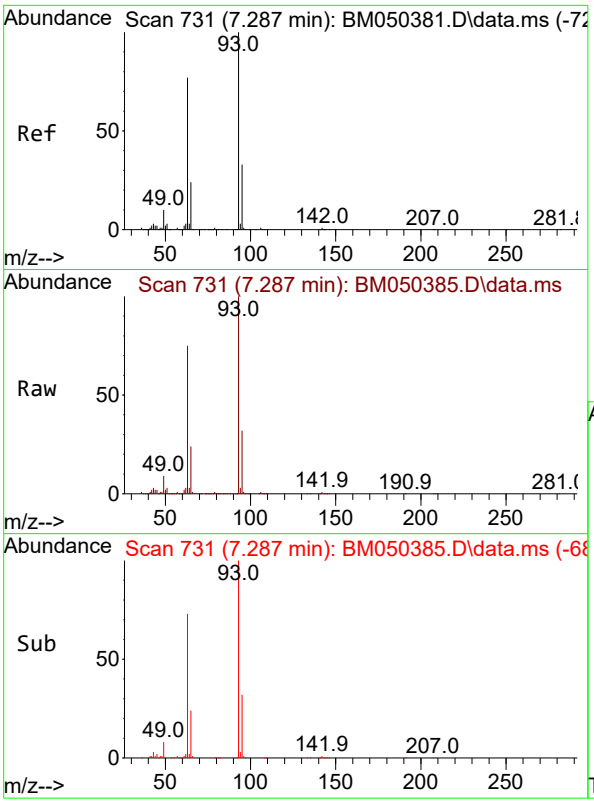


#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.5	15.8	55.8



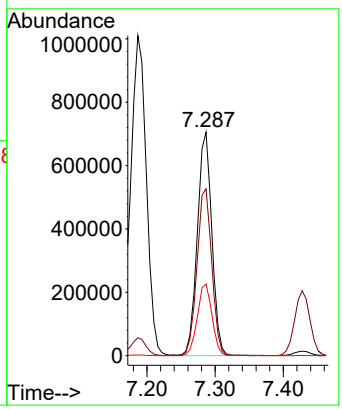


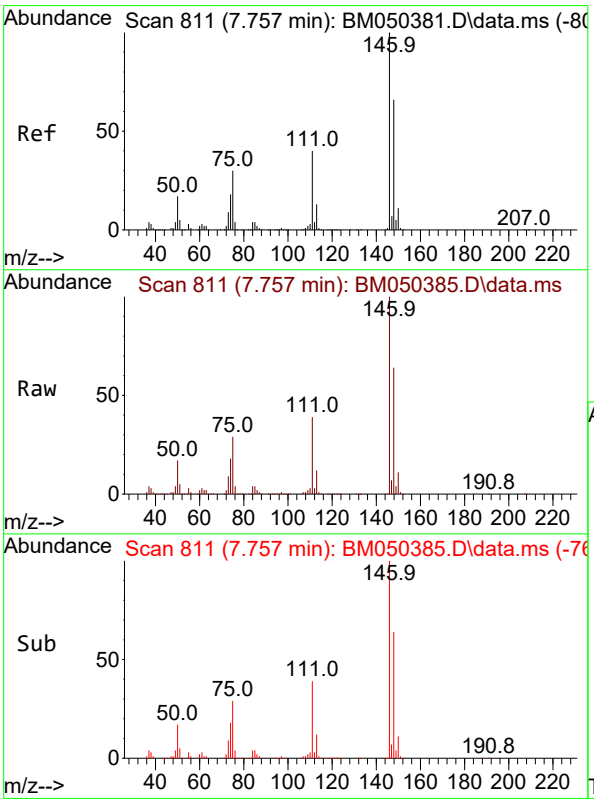
#11
bis(2-Chloroethyl)ether
Concen: 42.240 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 93 Resp: 1044803

Ion	Ratio	Lower	Upper
93	100		
63	74.7	56.9	96.9
95	32.1	12.6	52.6

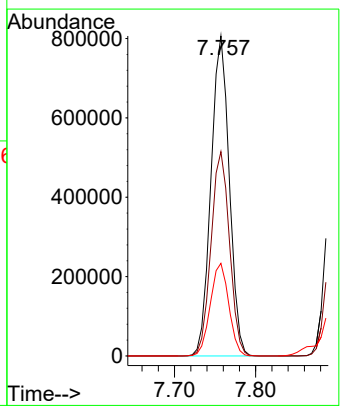


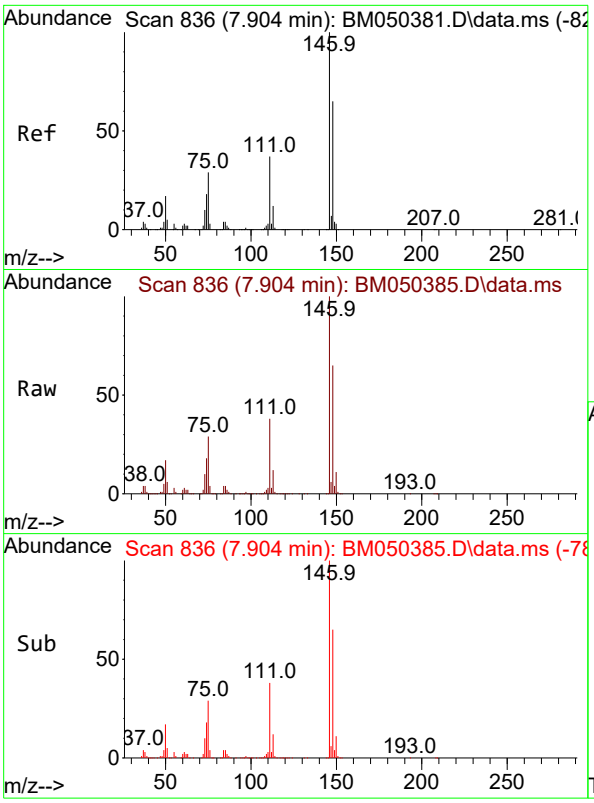


#12
1,3-Dichlorobenzene
Concen: 41.848 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1260411

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.2	79.8
75	28.9	23.9	35.9



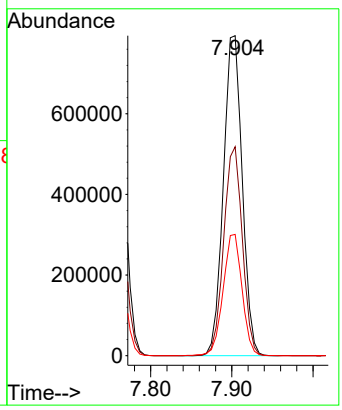


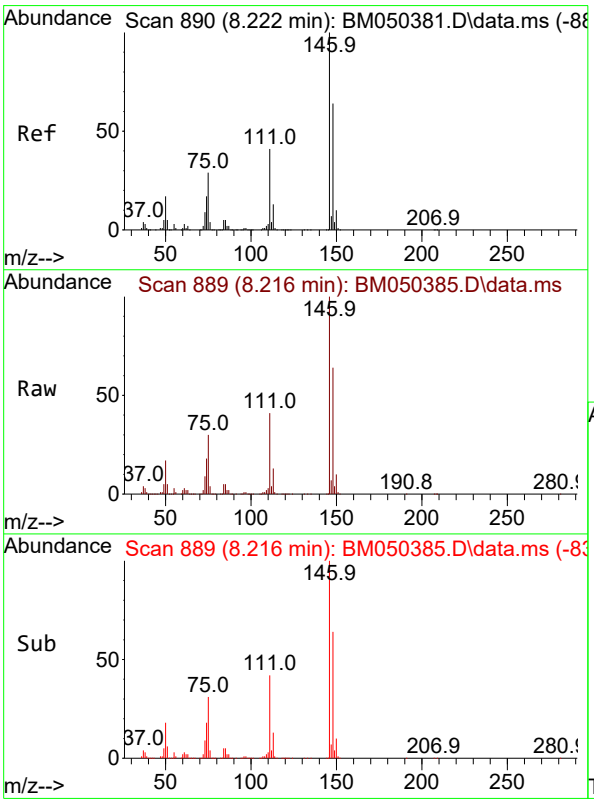
#13
1,4-Dichlorobenzene
Concen: 41.609 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:146 Resp: 1279655

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	37.9	30.0	45.0

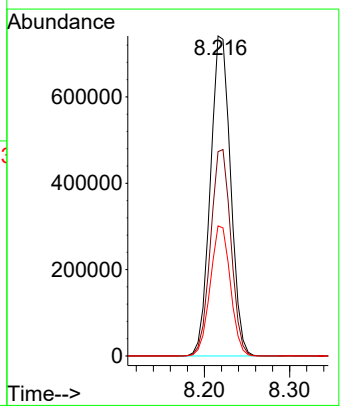


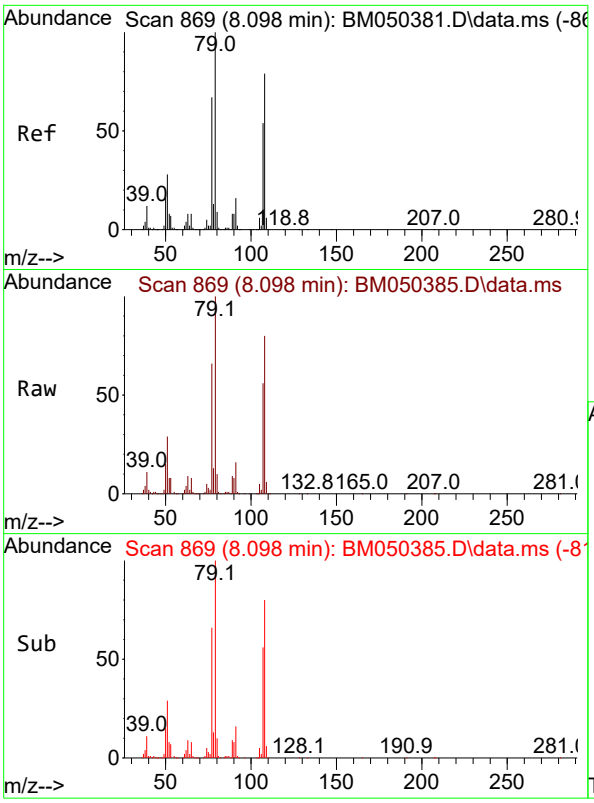


#14
1,2-Dichlorobenzene
Concen: 41.478 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1221241

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	40.6	32.6	49.0



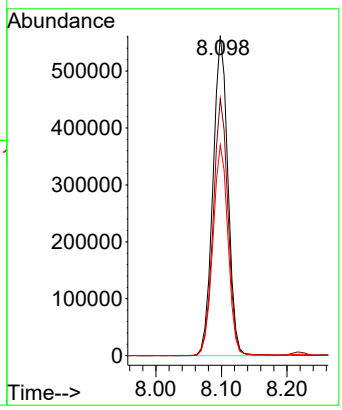


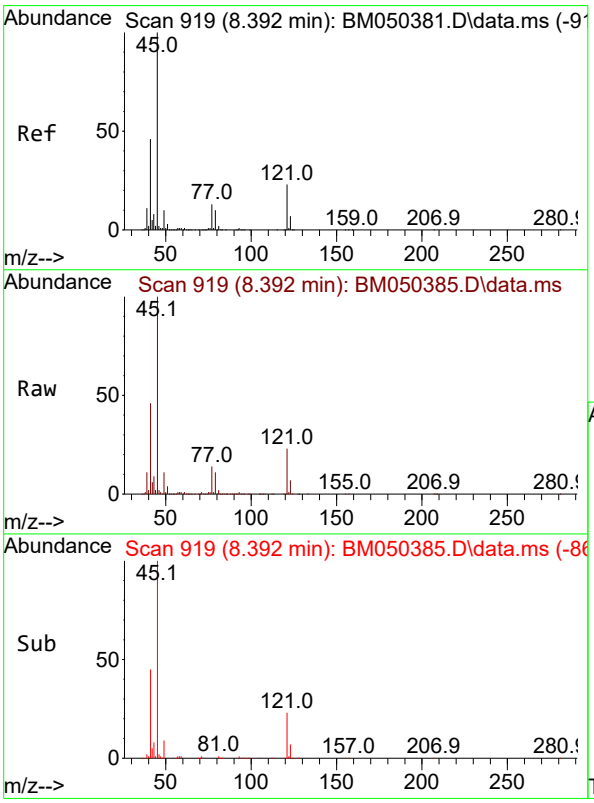
#15
Benzyl Alcohol
Concen: 42.555 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 887896

Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.0	94.4
77	65.8	53.4	80.0

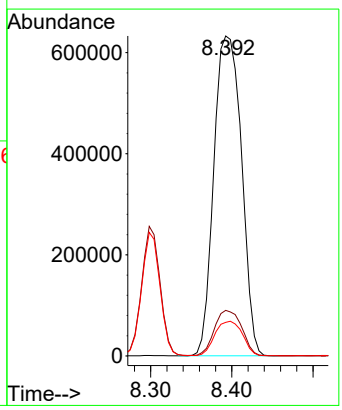


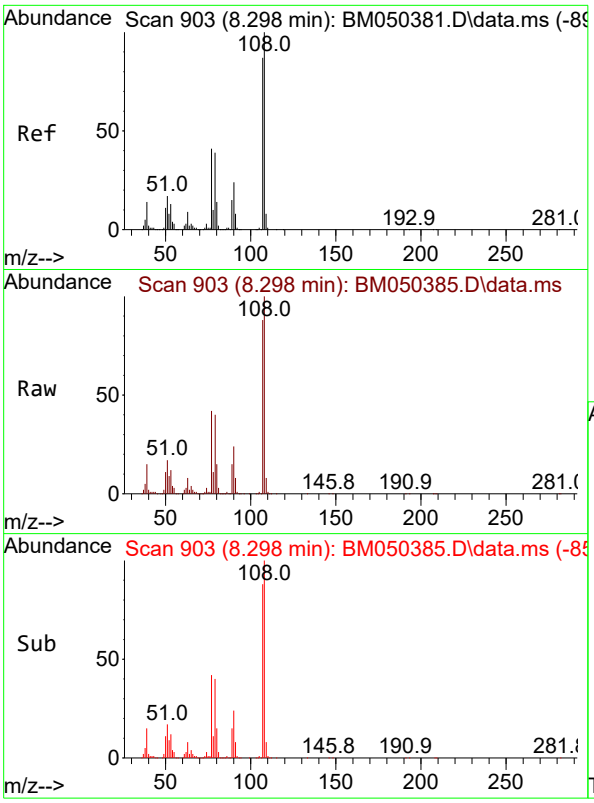


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.095 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 45 Resp: 1497256

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.5
79	10.5	0.0	30.3



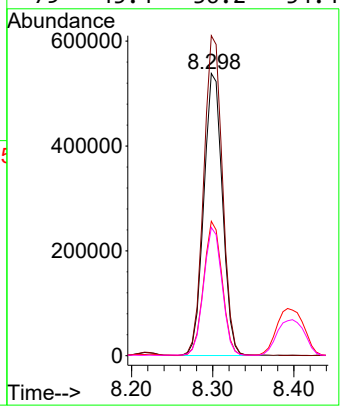


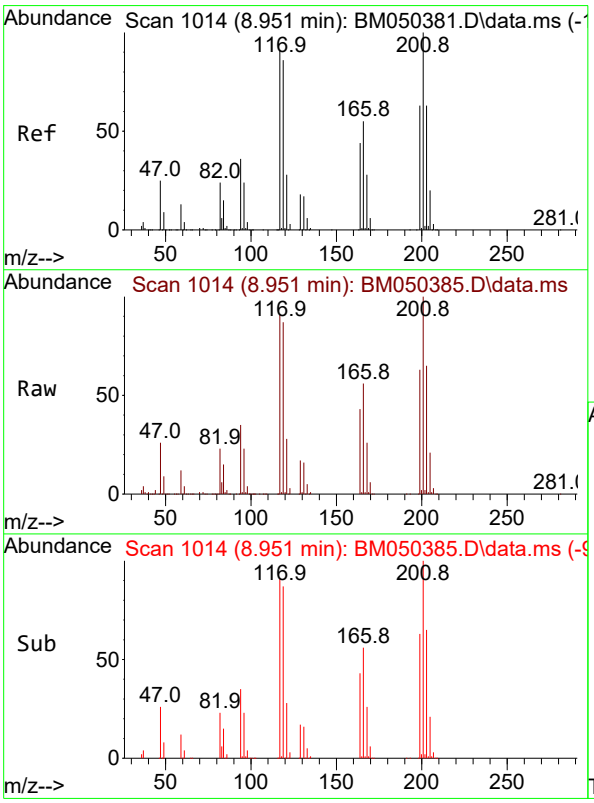
#17
2-Methylphenol
Concen: 42.726 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:107 Resp: 855883

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	47.6	38.2	57.4
79	45.4	36.2	54.4

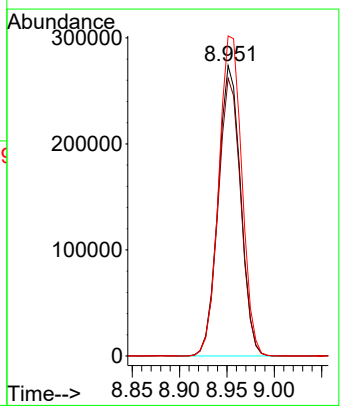


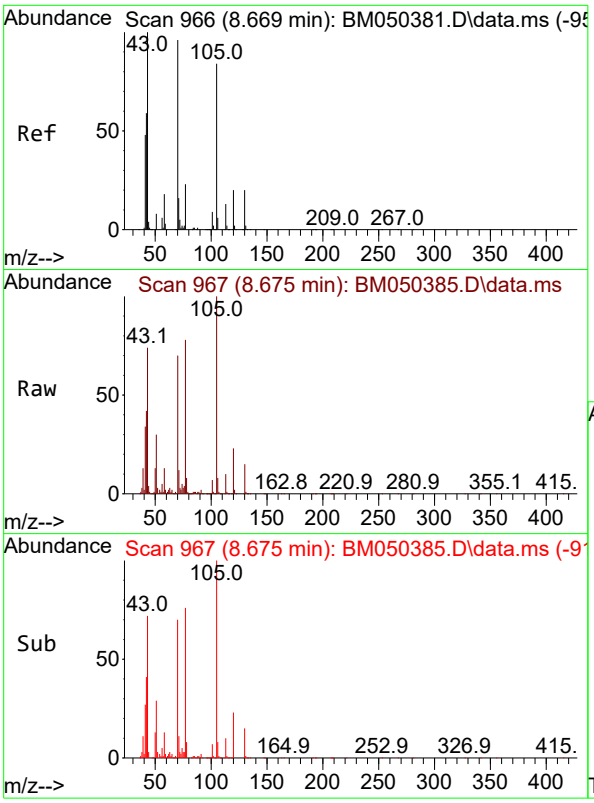


#18
Hexachloroethane
Concen: 41.906 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:117 Resp: 453255

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	110.2	87.9	131.9



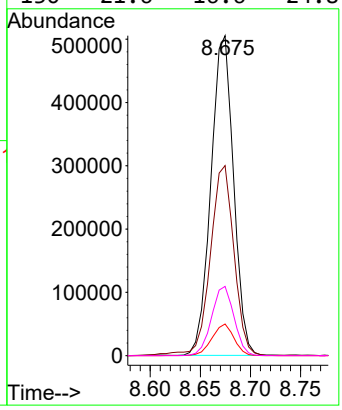


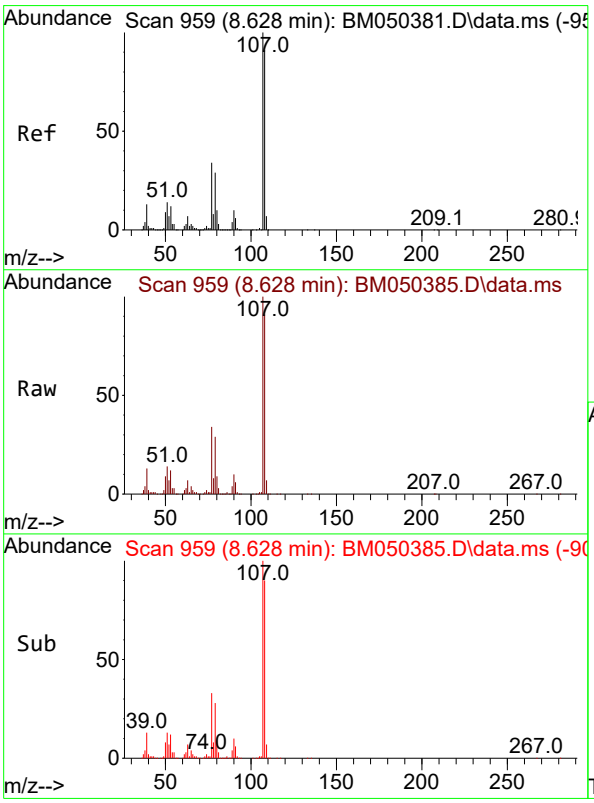
#19
n-Nitroso-di-n-propylamine
Concen: 44.168 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 70 Resp: 792336

Ion	Ratio	Lower	Upper
70	100		
42	59.4	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

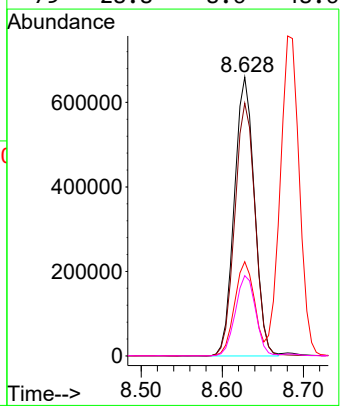


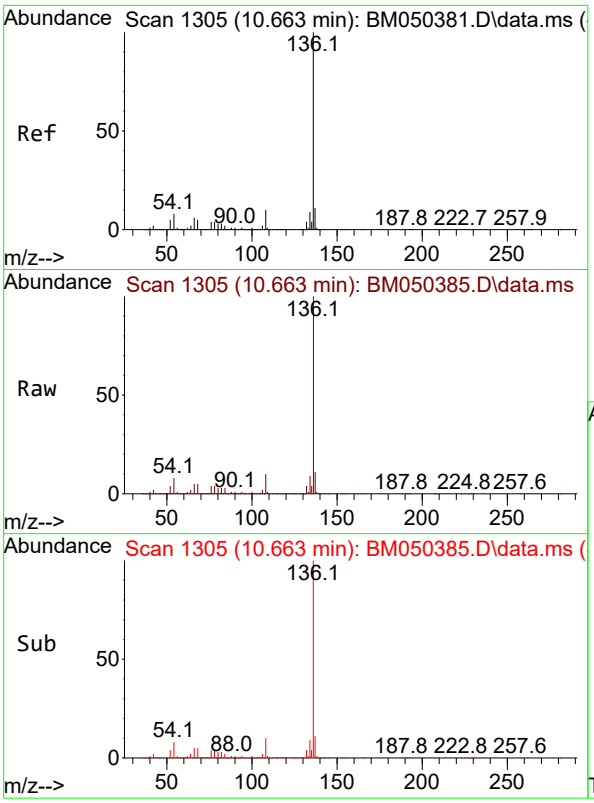


#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 1136862

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	33.8	13.7	53.7
79	28.8	8.6	48.6



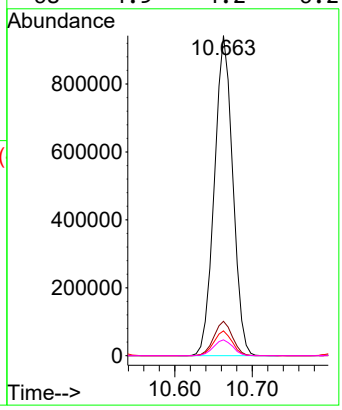


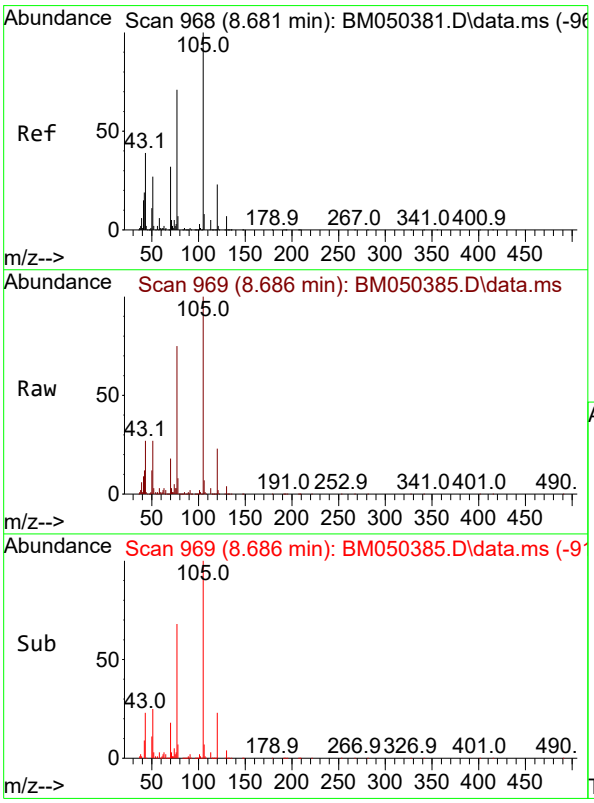
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:136 Resp: 1554046

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	4.9	4.2	6.2

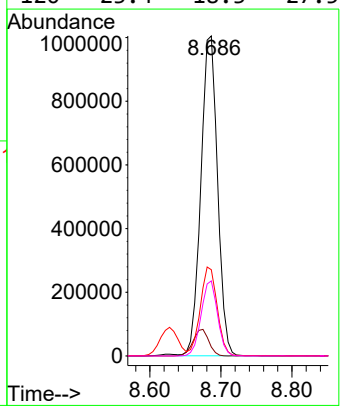


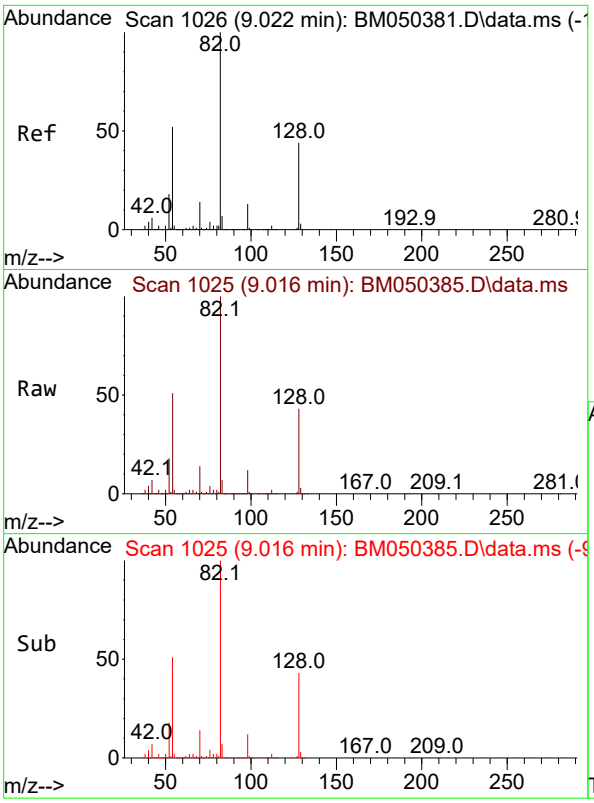


#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:105 Resp: 1643199

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.4	6.6#
51	27.0	23.0	34.6
120	23.4	18.3	27.5



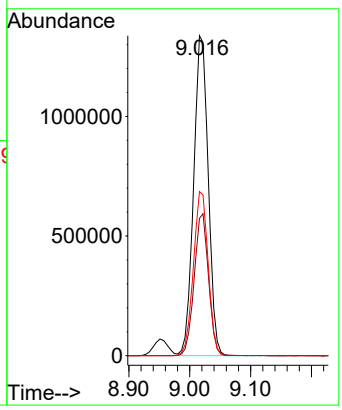


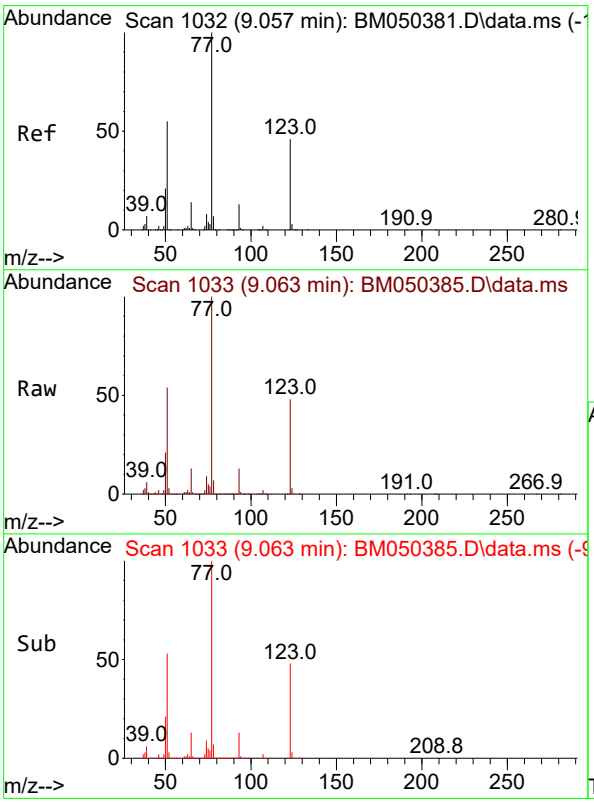
#23
Nitrobenzene-d5
Concen: 73.139 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2227871

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.2	41.5	62.3

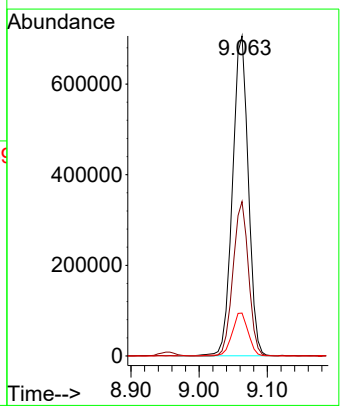


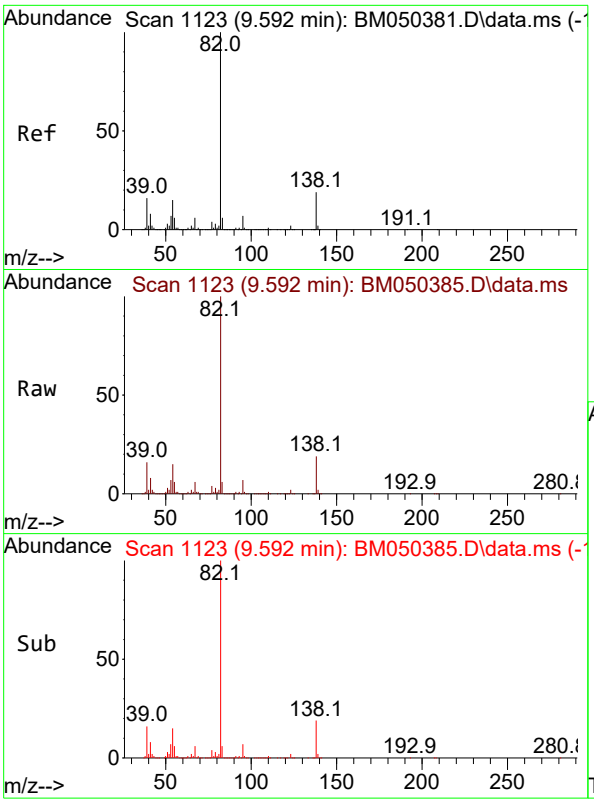


#24
Nitrobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 77 Resp: 1137842

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.6
65	13.4	11.0	16.4



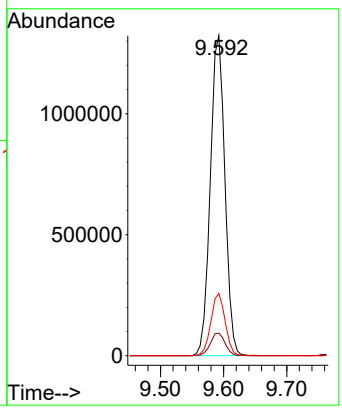


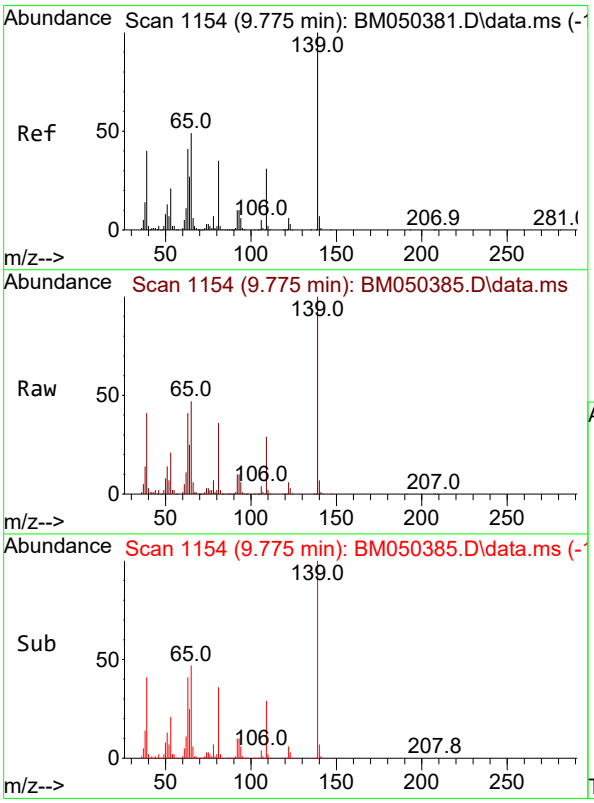
#25
Isophorone
Concen: 42.909 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2120872

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9

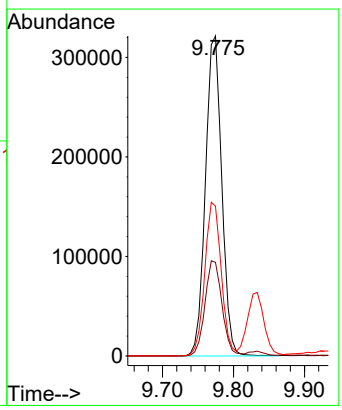


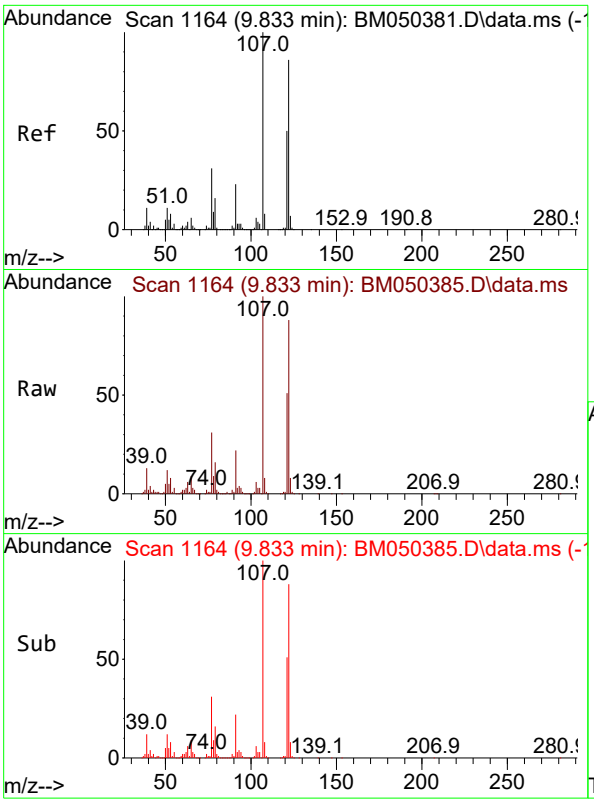


#26
2-Nitrophenol
Concen: 46.488 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 514999

Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	46.8	39.2	58.8



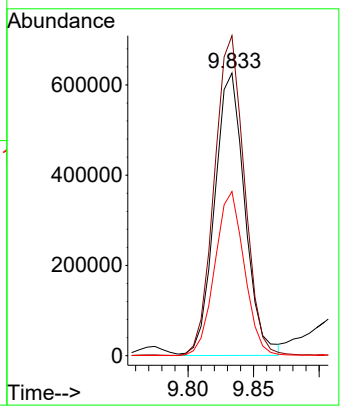


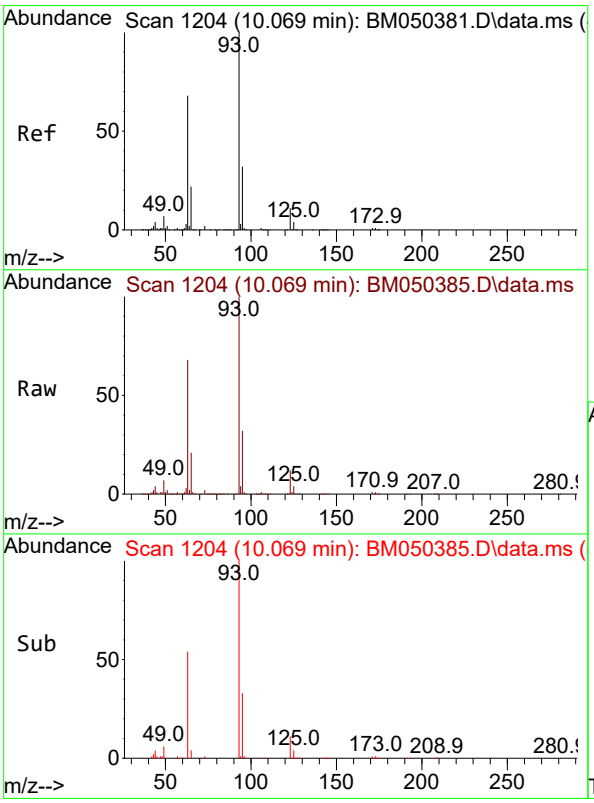
#27
2,4-Dimethylphenol
Concen: 42.470 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:122 Resp: 1001149

Ion	Ratio	Lower	Upper
122	100		
107	113.2	93.0	139.6
121	58.1	46.1	69.1

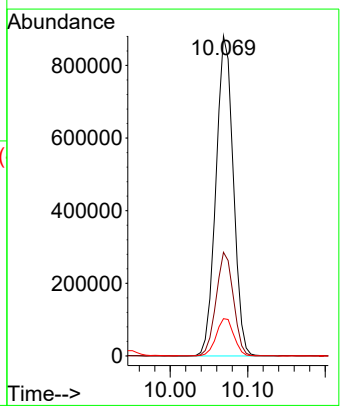


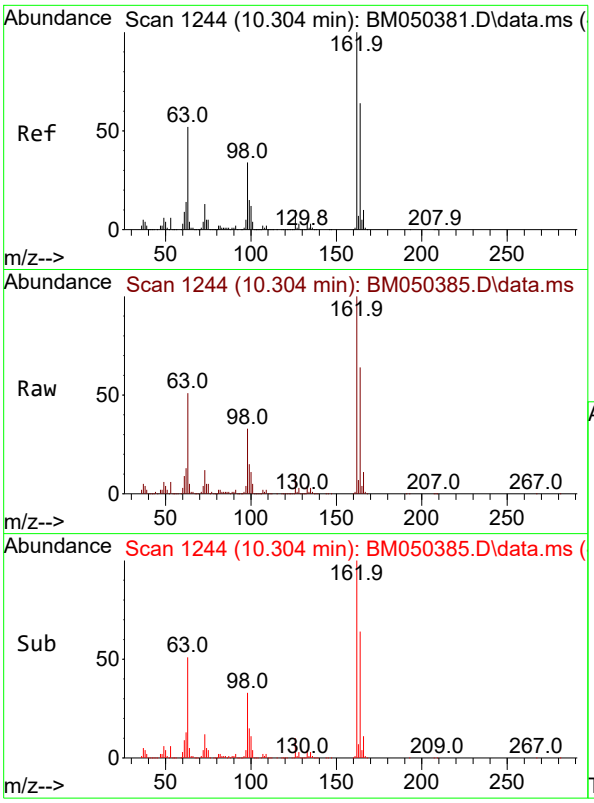


#28
bis(2-Chloroethoxy)methane
Concen: 41.880 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1371682

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.6	9.1	13.7



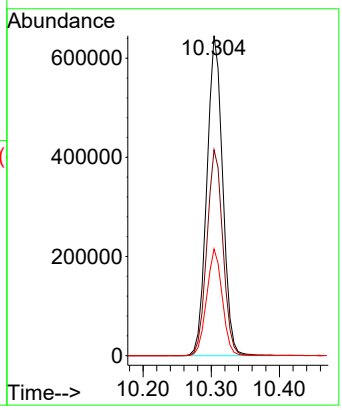


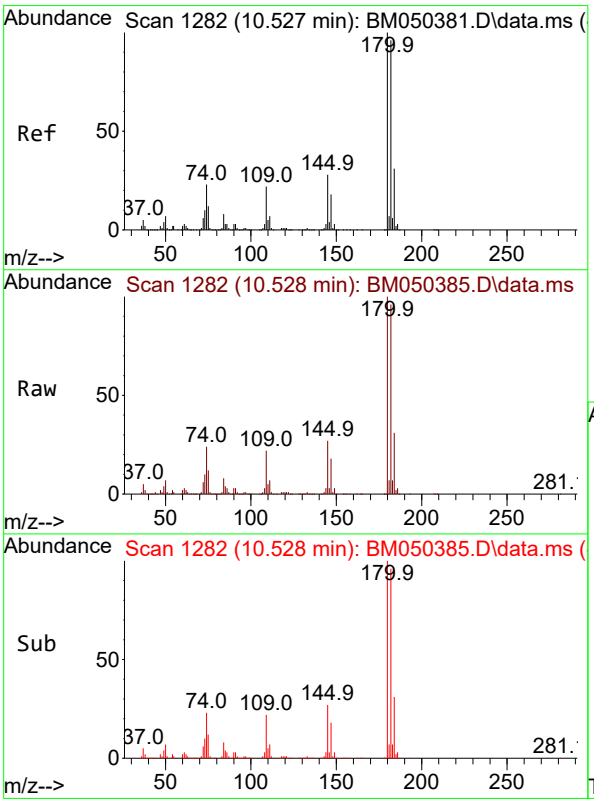
#29
2,4-Dichlorophenol
Concen: 43.061 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 1042869

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.7	83.7
98	33.3	13.7	53.7

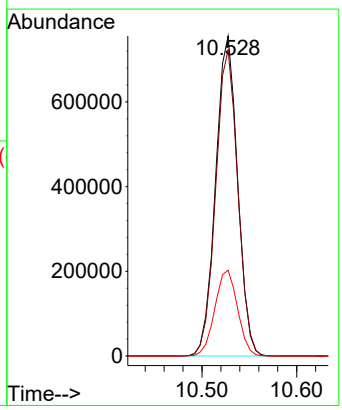


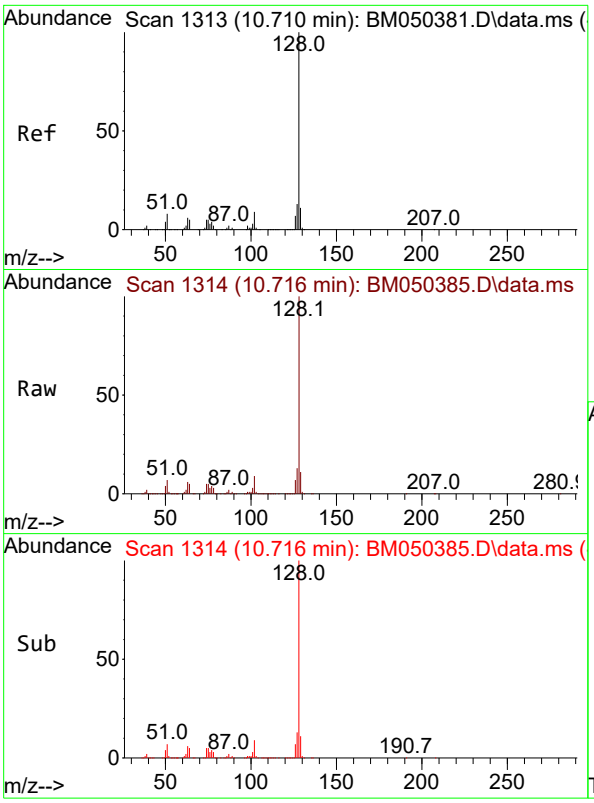


#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:180 Resp: 1216831

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	26.8	22.6	33.8



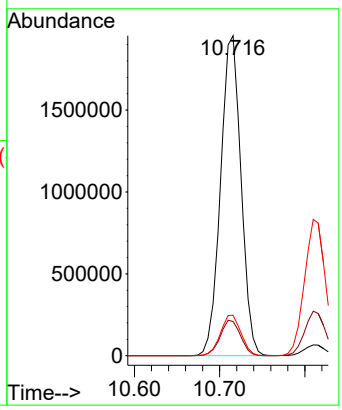


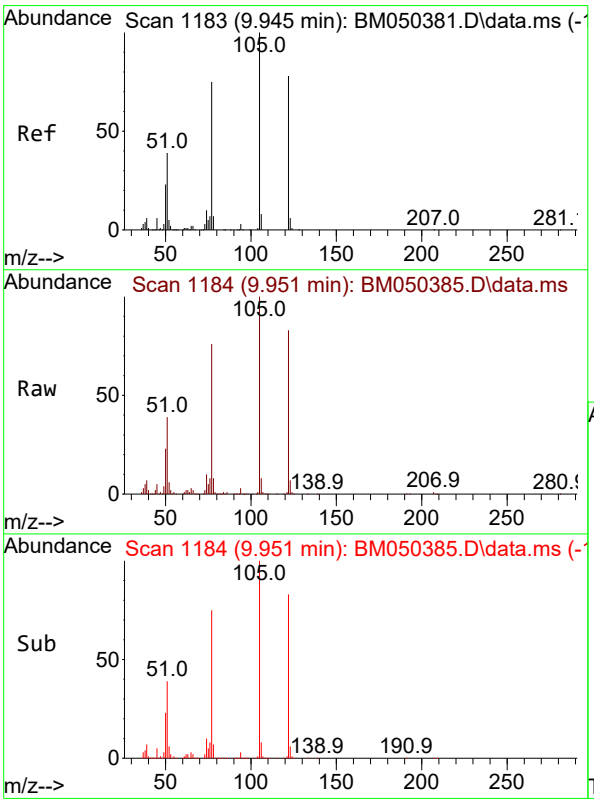
#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:128 Resp: 3258495

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.4	15.6

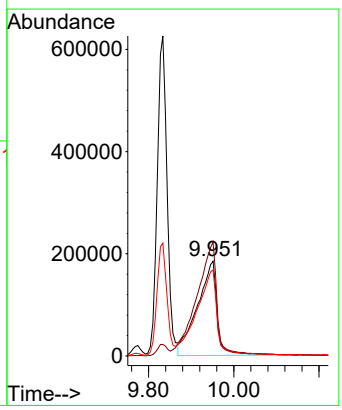


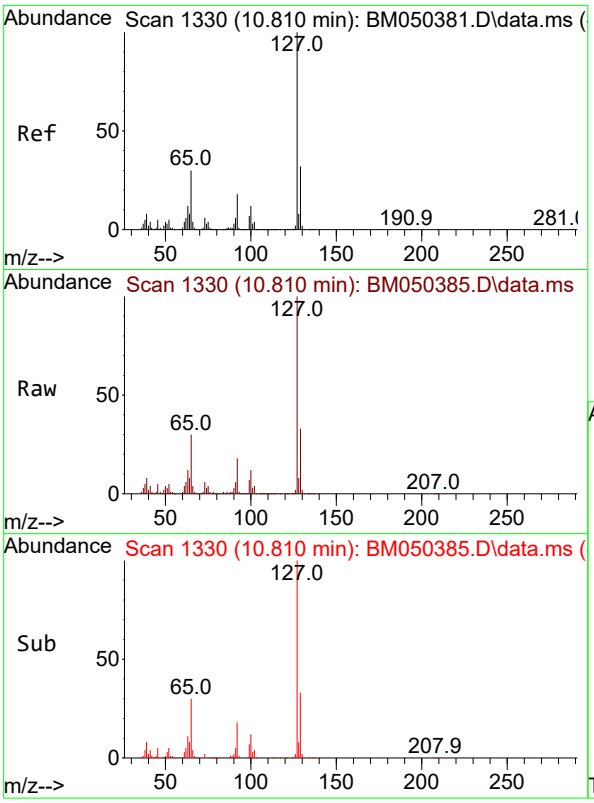


#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:122 Resp: 593935

Ion	Ratio	Lower	Upper
122	100		
105	120.3	104.0	144.0
77	90.9	73.8	113.8



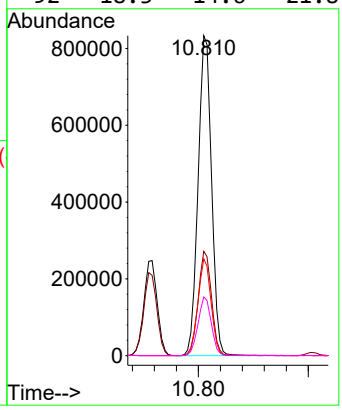


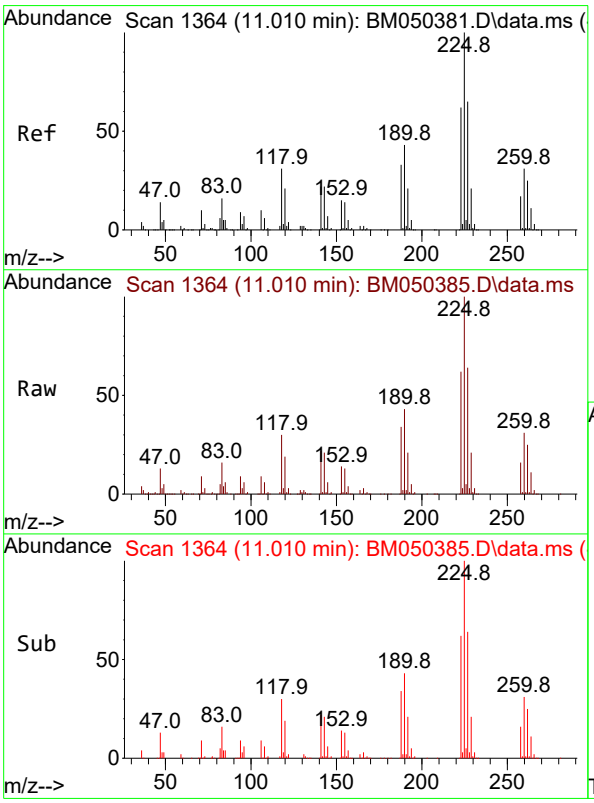
#33
4-Chloroaniline
Concen: 42.424 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:127 Resp: 1415715

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	30.3	23.9	35.9
92	18.3	14.6	21.8

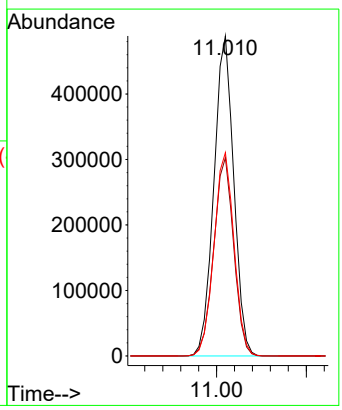


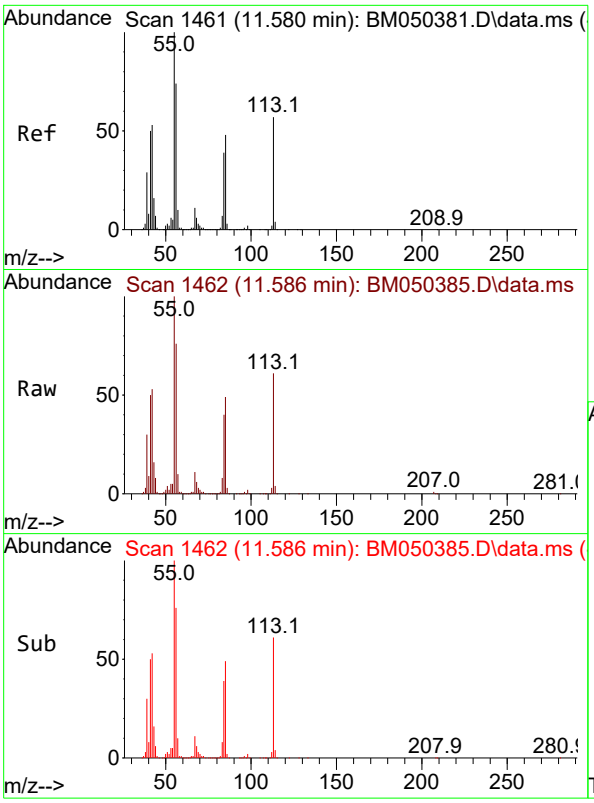


#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:225 Resp: 749497

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.5	52.1	78.1



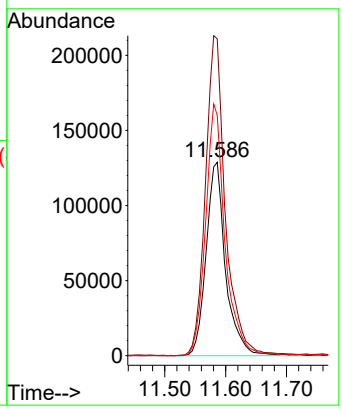


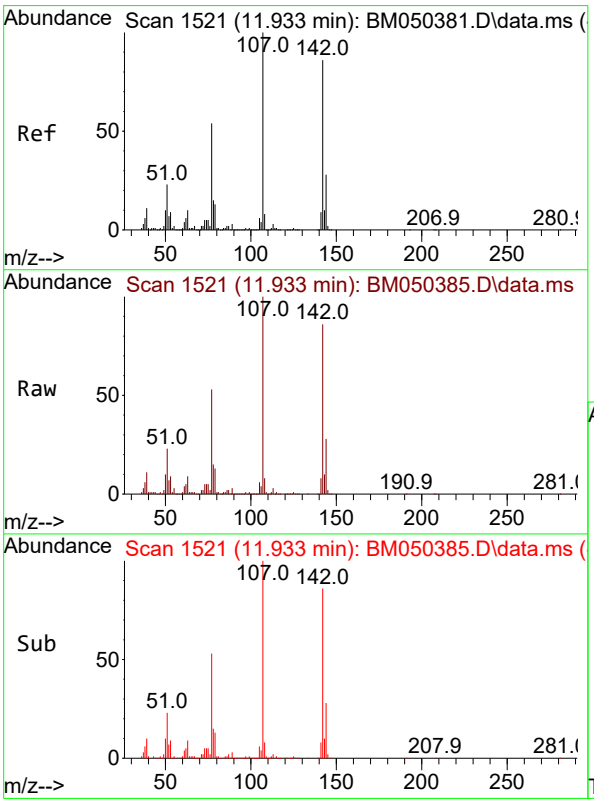
#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:113 Resp: 285315

Ion	Ratio	Lower	Upper
113	100		
55	163.8	157.2	197.2
56	124.2	111.7	151.7

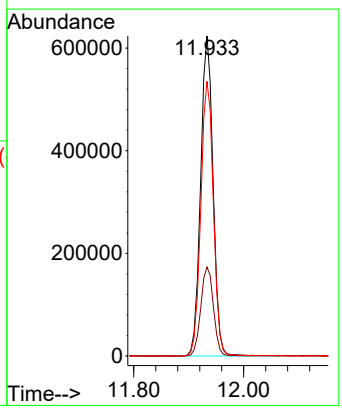


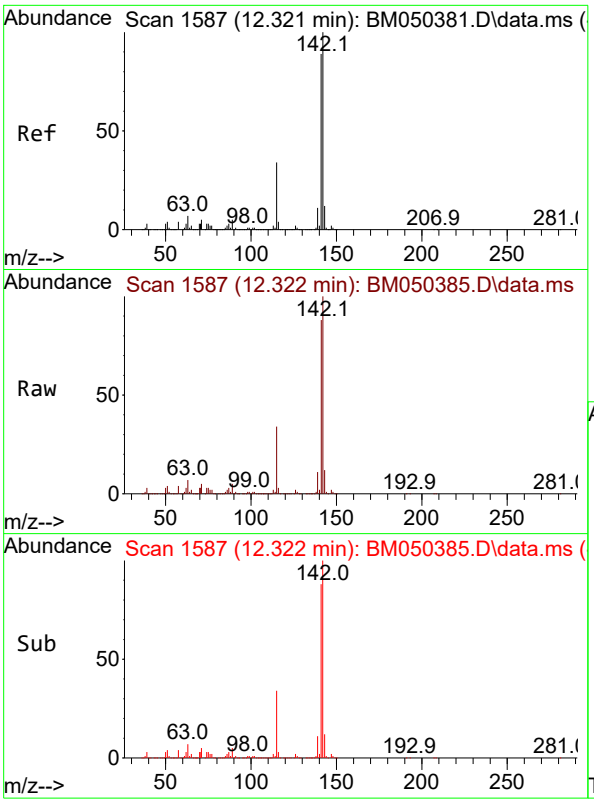


#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 979521

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.8	68.7	103.1



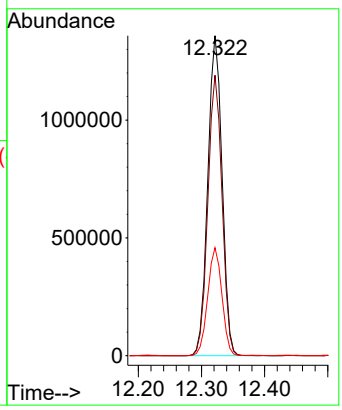


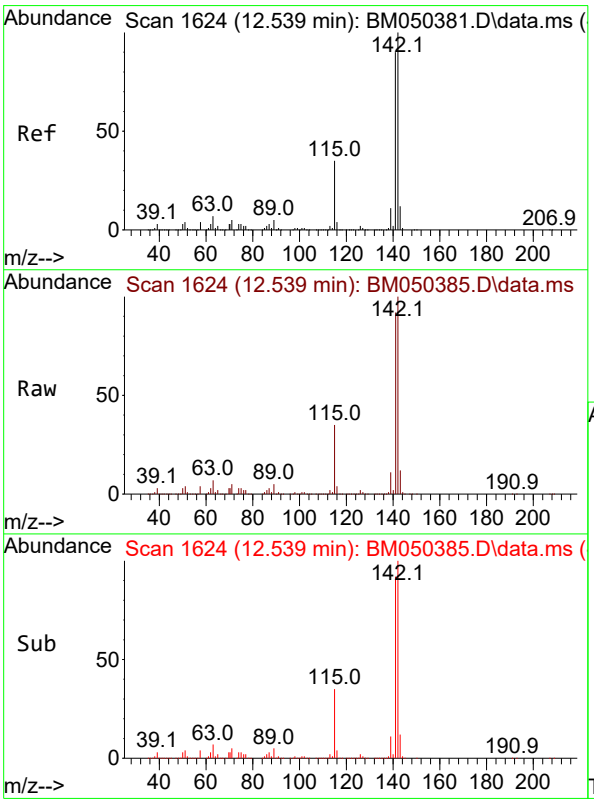
#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:142 Resp: 2124989

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.7	27.0	40.4

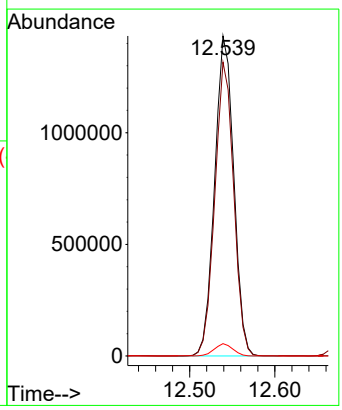


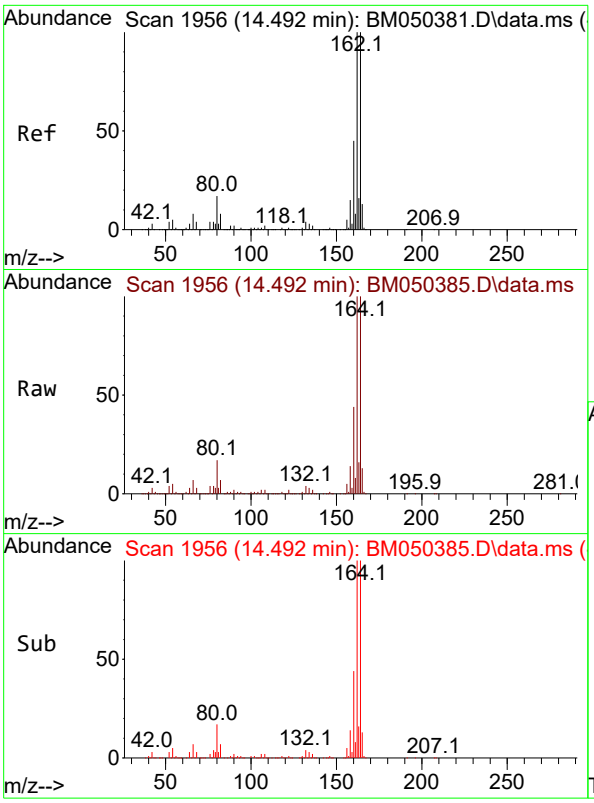


#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:142 Resp: 2230710

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
116	3.9	3.0	4.6



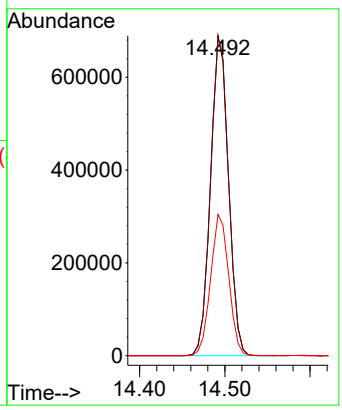


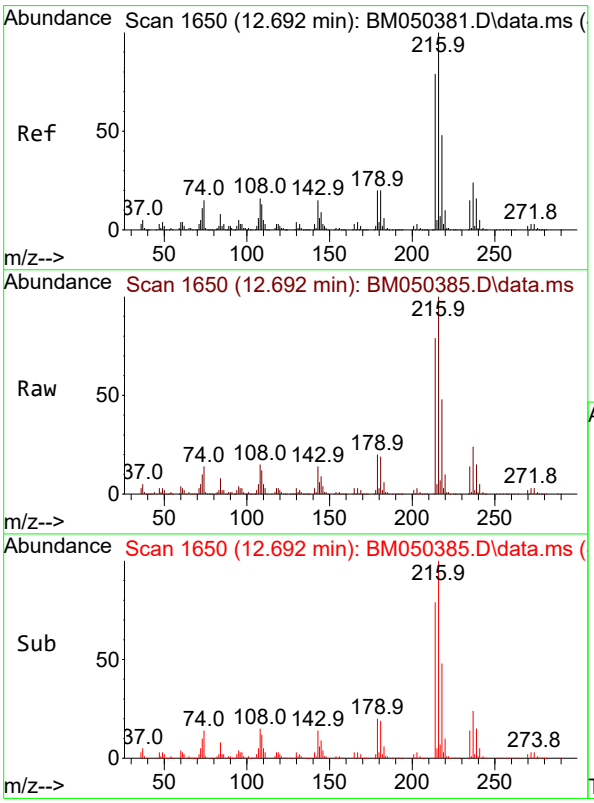
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:164 Resp: 1008264

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.1	36.2	54.4

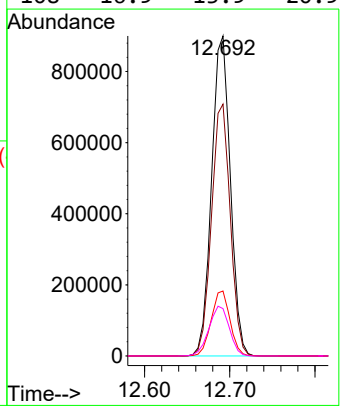


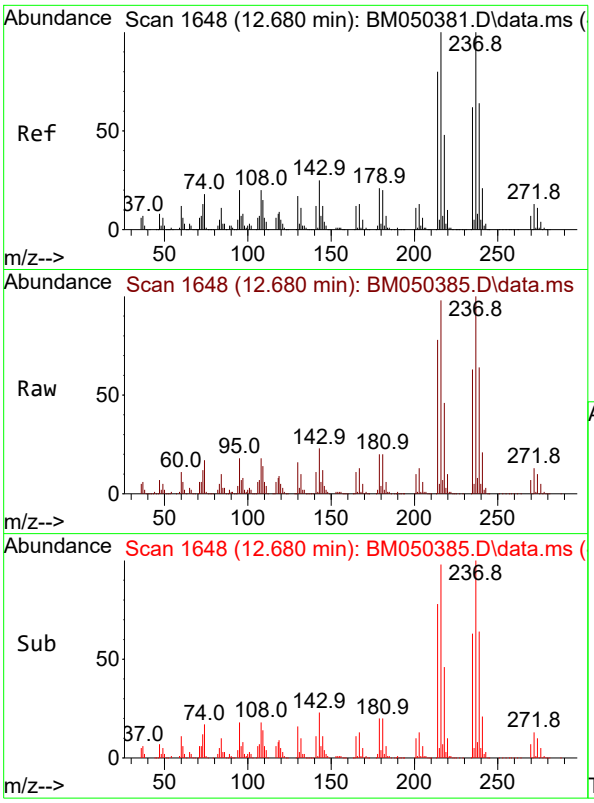


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.859 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:216 Resp: 1374217

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



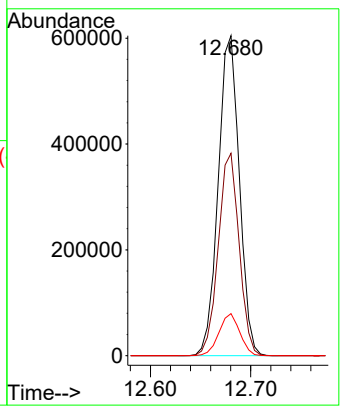


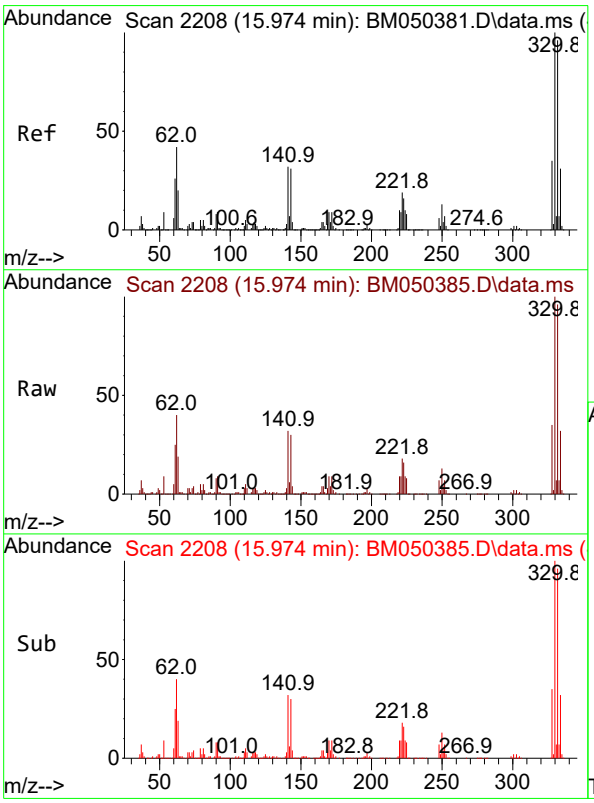
#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:237 Resp: 881607

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.3	82.3
272	13.1	0.0	33.0

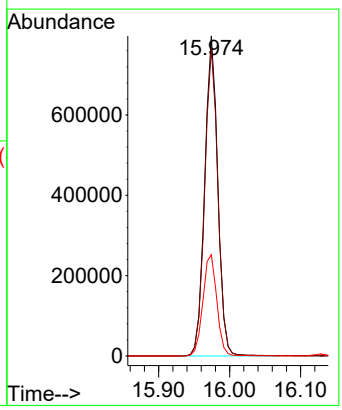


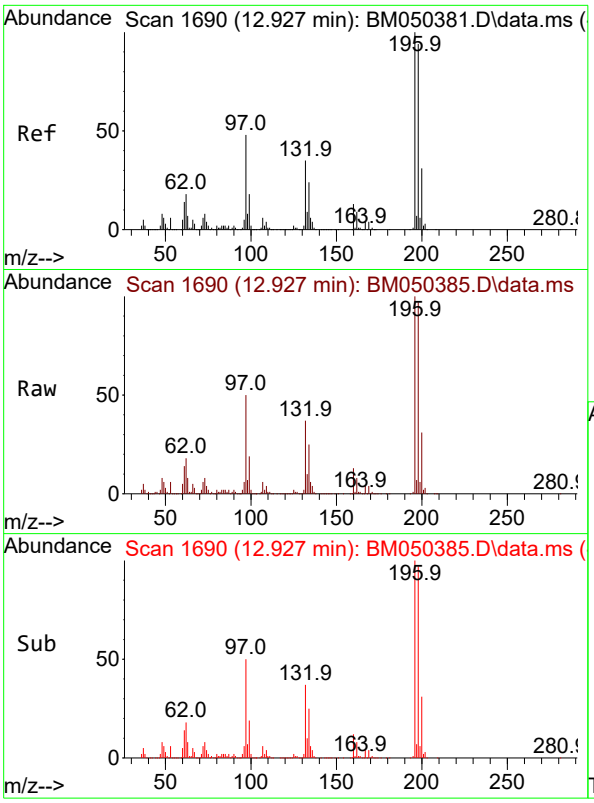


#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:330 Resp: 1026446

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.5	27.4	41.0



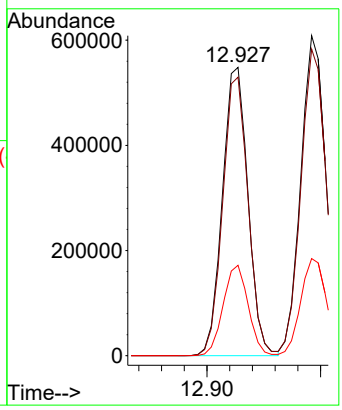


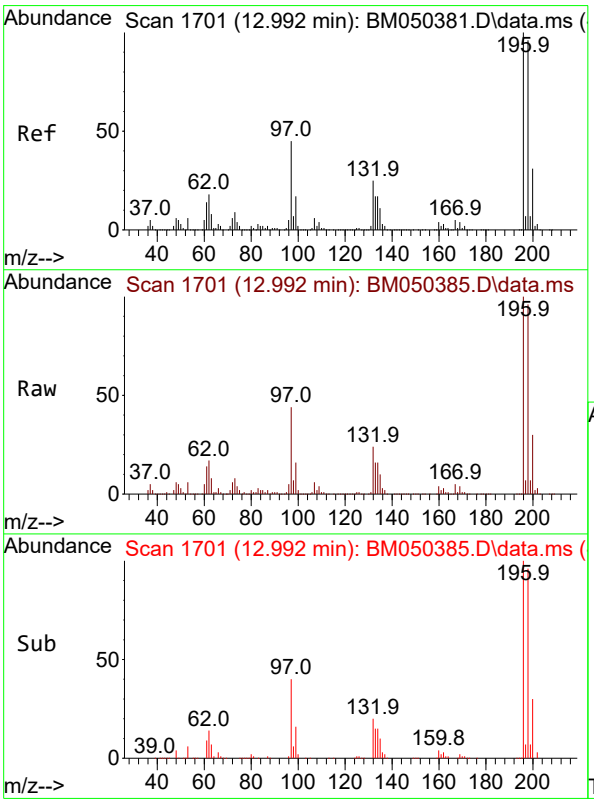
#43
2,4,6-Trichlorophenol
Concen: 43.485 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:196 Resp: 858251

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.1	112.7
200	31.3	24.6	37.0

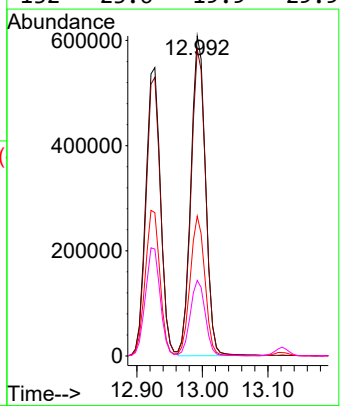


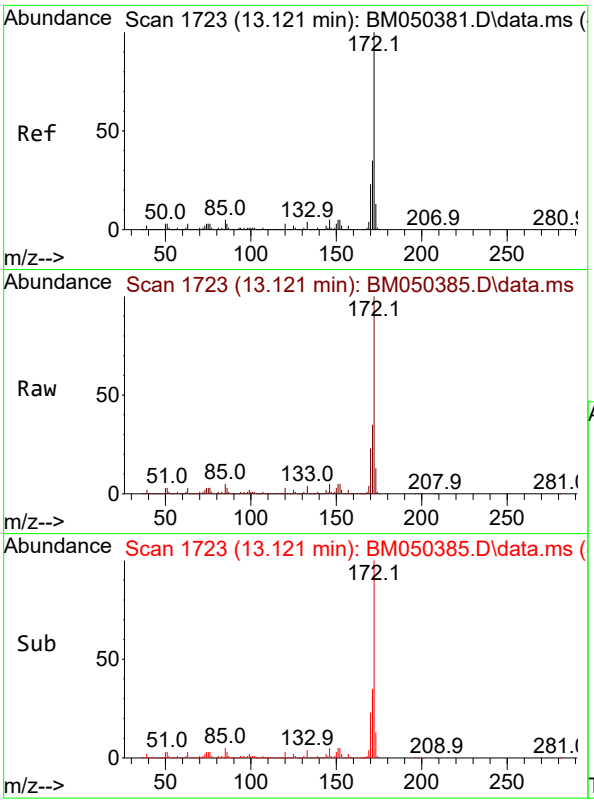


#44
2,4,5-Trichlorophenol
Concen: 43.542 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:196 Resp: 938542

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.2	115.8
97	43.7	36.2	54.4
132	23.6	19.9	29.9



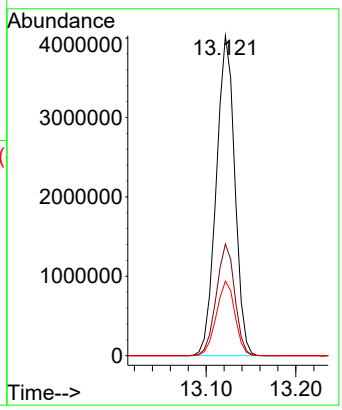


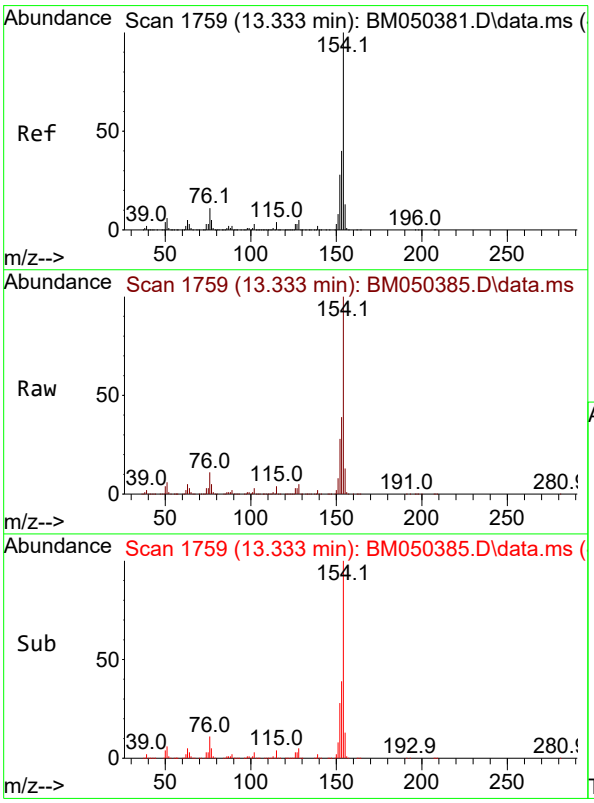
#45
2-Fluorobiphenyl
Concen: 70.689 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:172 Resp: 5771427

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.3	18.8	28.2

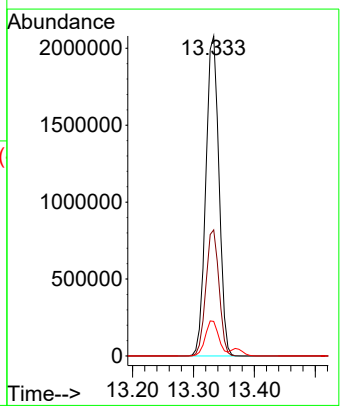


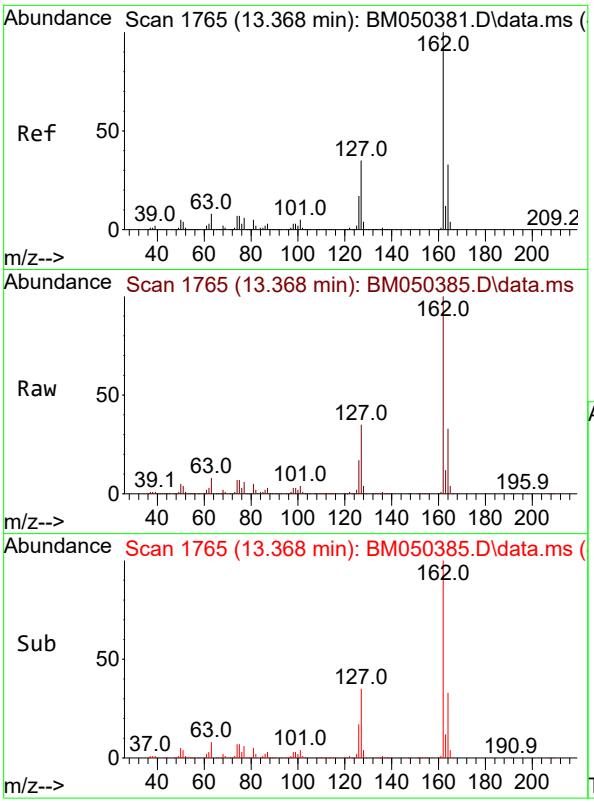


#46
1,1'-Biphenyl
Concen: 41.557 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 3108770

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.8	0.0	30.9



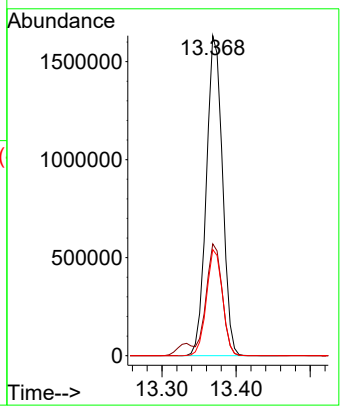


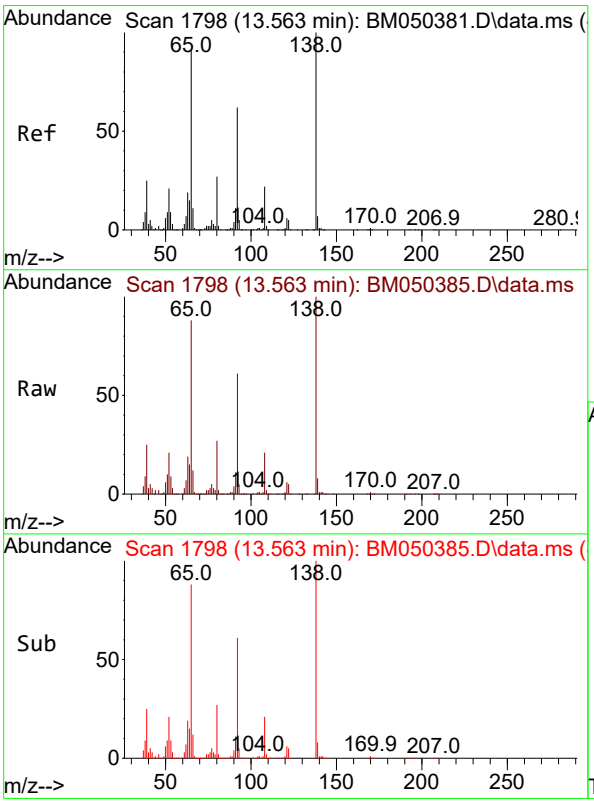
#47
2-Chloronaphthalene
Concen: 41.272 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 2461641

Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.3	42.5
164	33.2	26.6	40.0

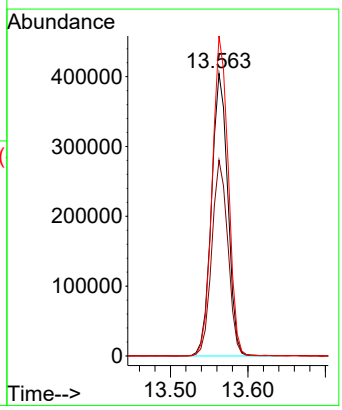


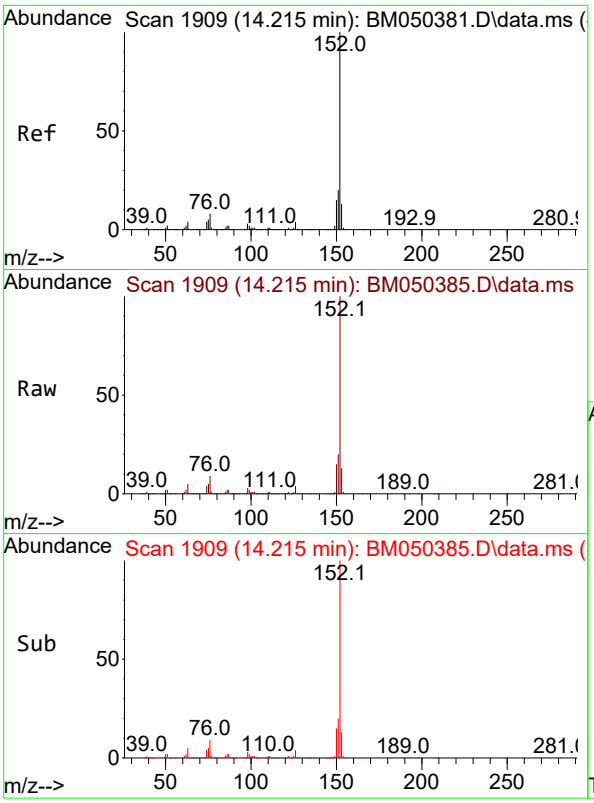


#48
2-Nitroaniline
Concen: 44.497 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 65 Resp: 592401

Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.3	81.5
138	113.2	87.8	131.6





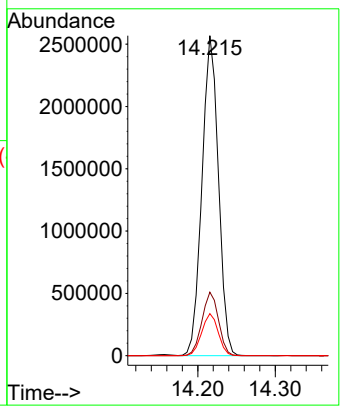
#49
Acenaphthylene
Concen: 41.972 ng
RT: 14.215 min Scan# 1

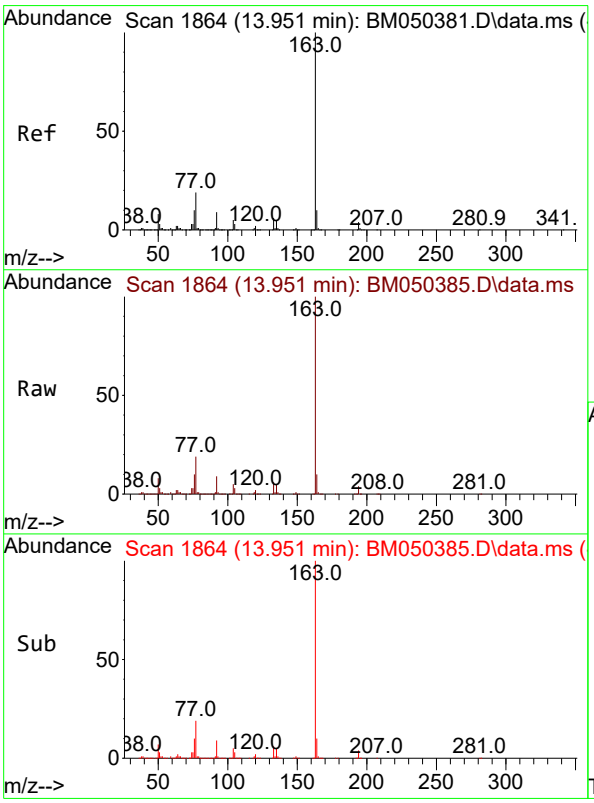
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:152 Resp: 3783308

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.1	10.6	15.8

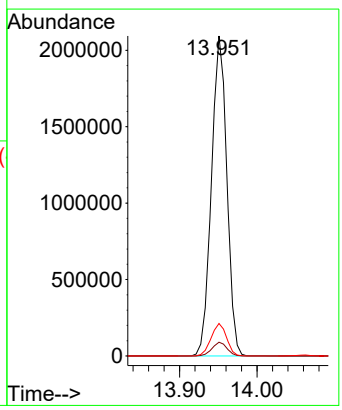


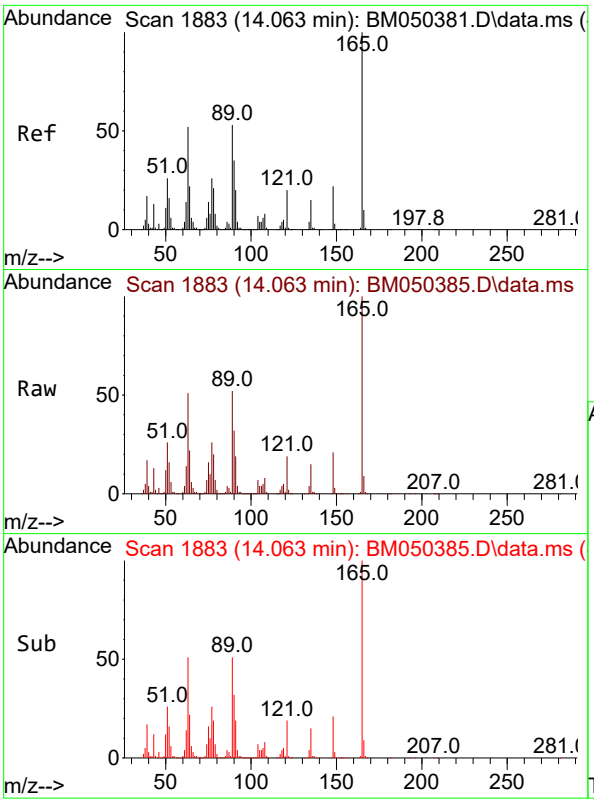


#50
Dimethylphthalate
Concen: 41.635 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:163 Resp: 2890119

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



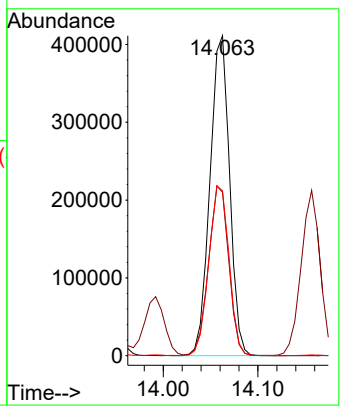


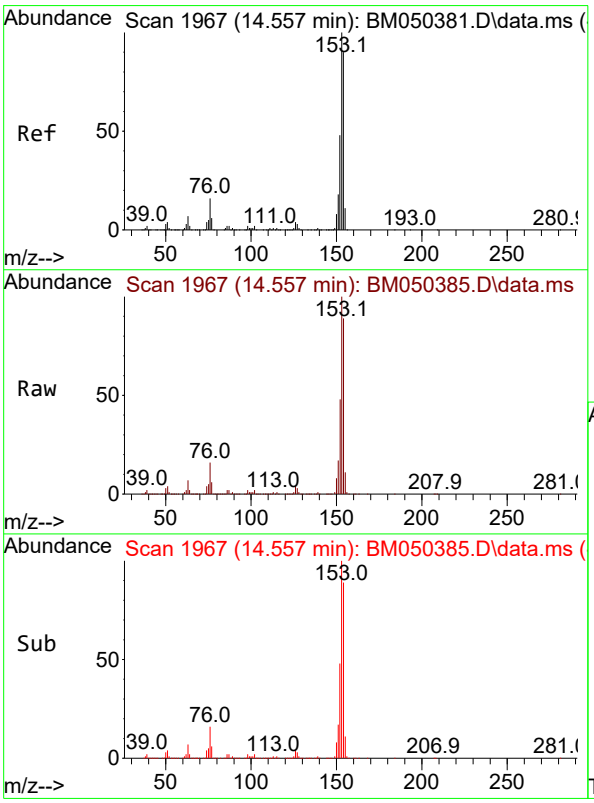
#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 591843

Ion	Ratio	Lower	Upper
165	100		
63	51.1	42.4	63.6
89	51.5	42.2	63.2

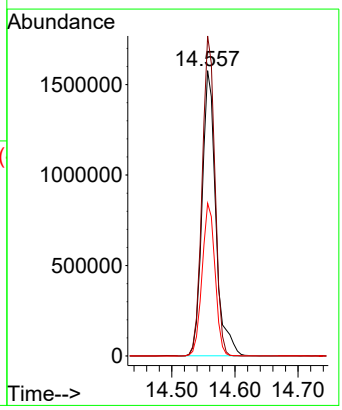


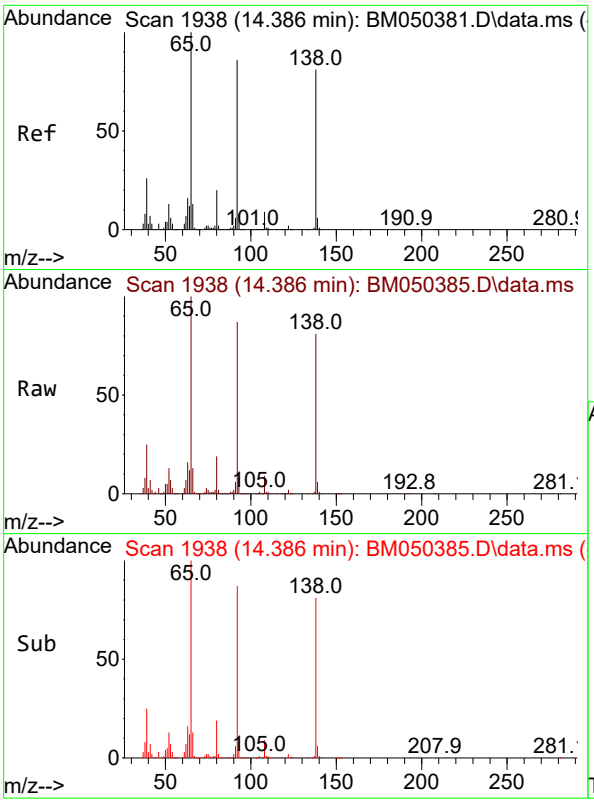


#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 2381763

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.2	133.8
152	53.5	42.6	64.0



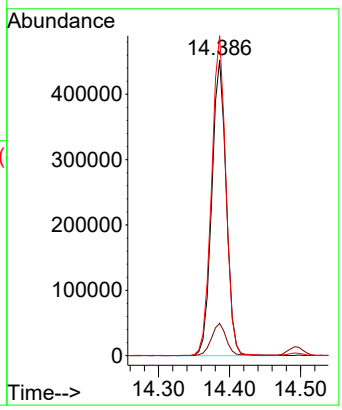


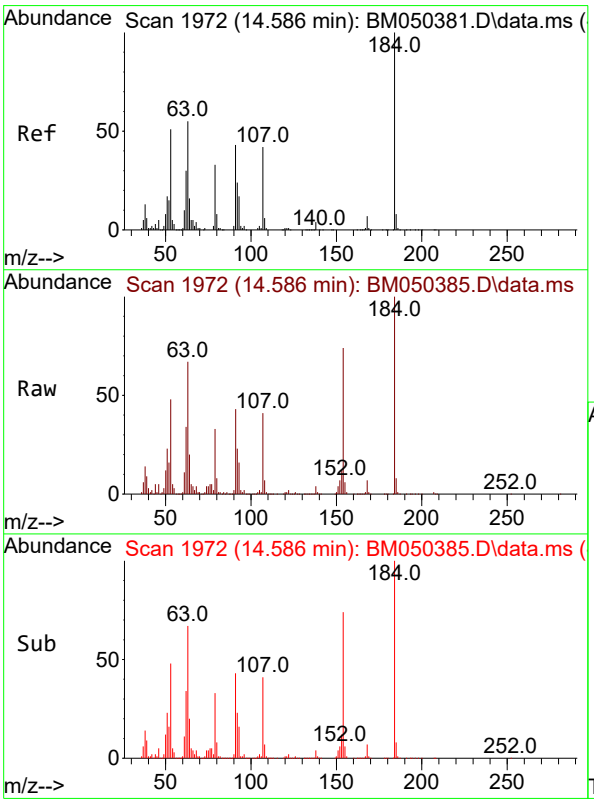
#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:138 Resp: 636015

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	108.2	85.0	127.6

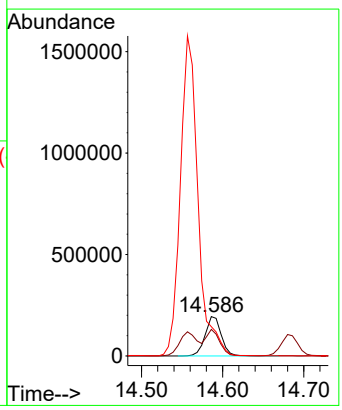


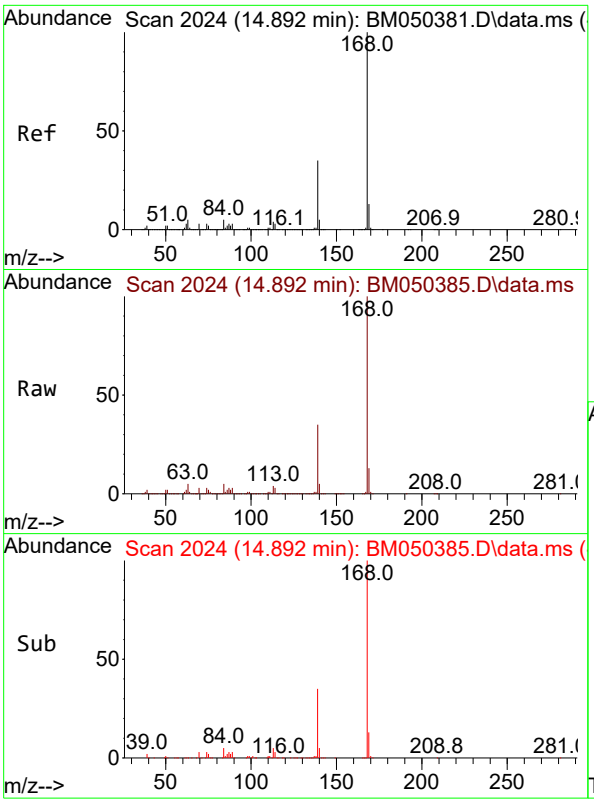


#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:184 Resp: 266947

Ion	Ratio	Lower	Upper
184	100		
63	67.3	53.4	80.0
154	74.3	61.6	92.4



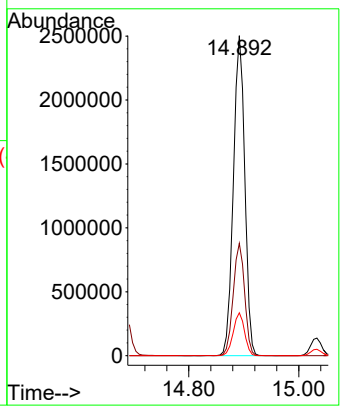


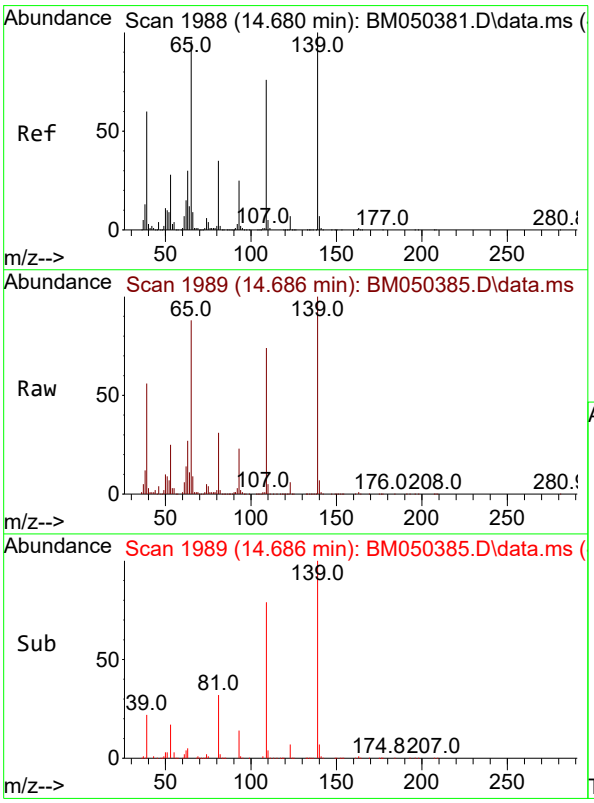
#55
Dibenzofuran
Concen: 40.877 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:168 Resp: 3609413

Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.7	41.5
169	13.4	10.7	16.1

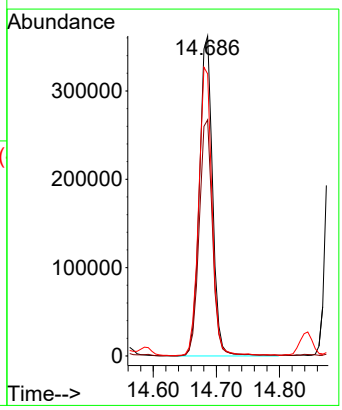


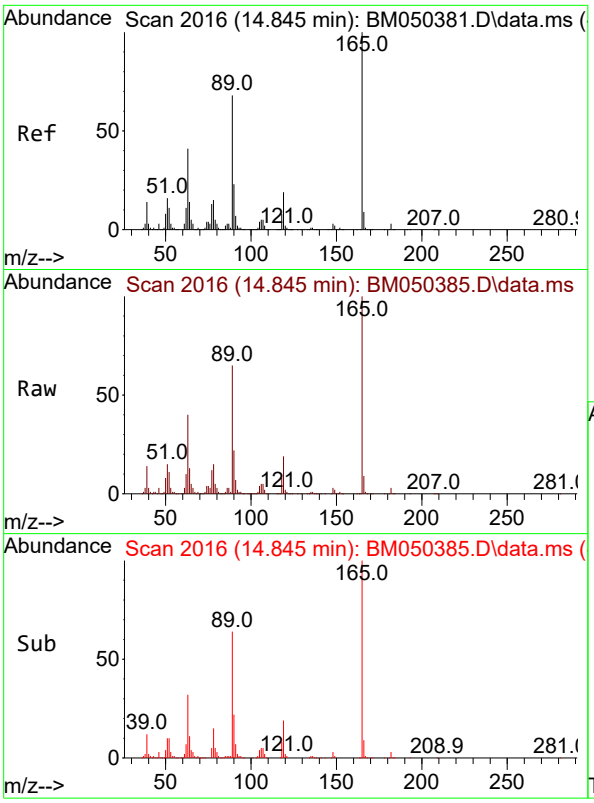


#56
4-Nitrophenol
Concen: 42.822 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 521977

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	88.1	76.4	116.4



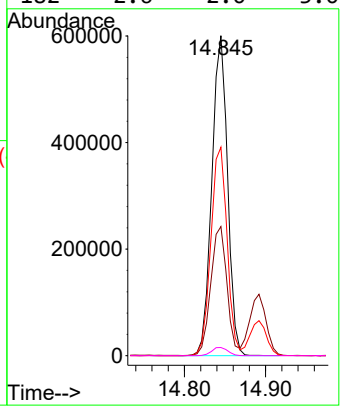


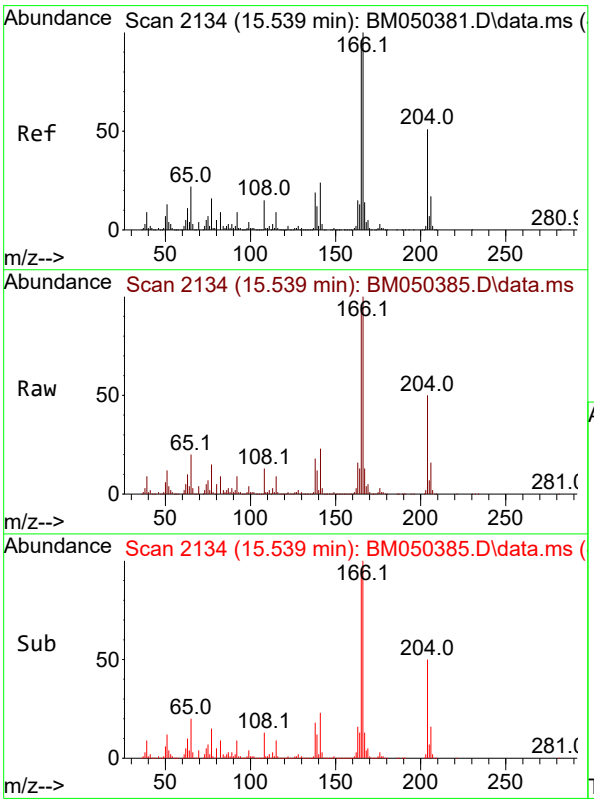
#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 807634

Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.5	48.7
89	65.1	54.0	81.0
182	2.6	2.0	3.0

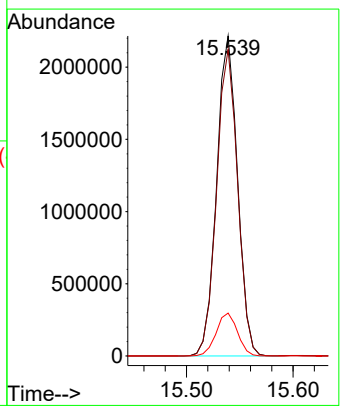


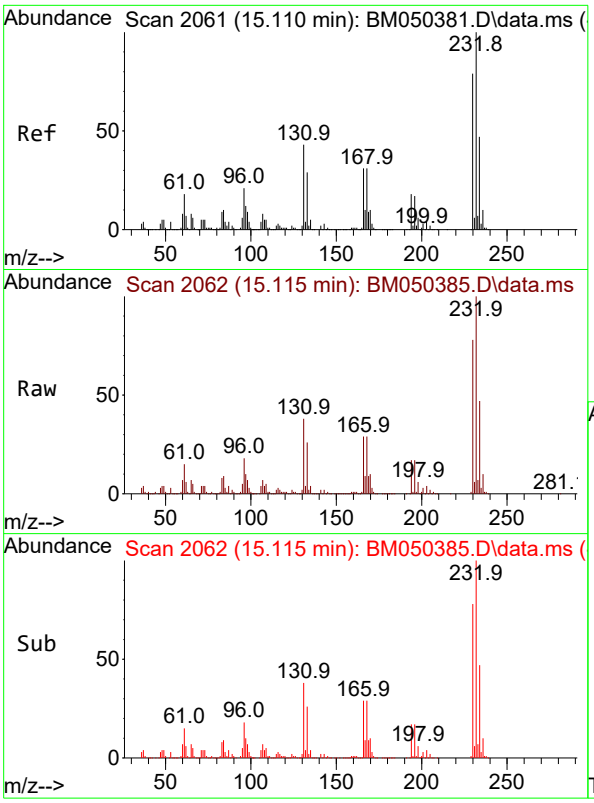


#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:166 Resp: 3012801

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.6
167	13.4	10.9	16.3



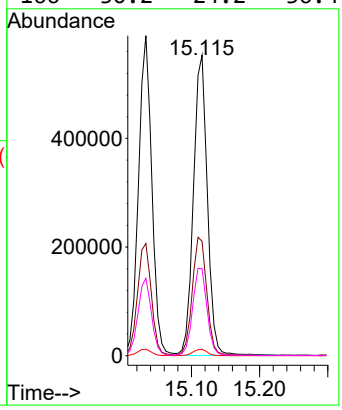


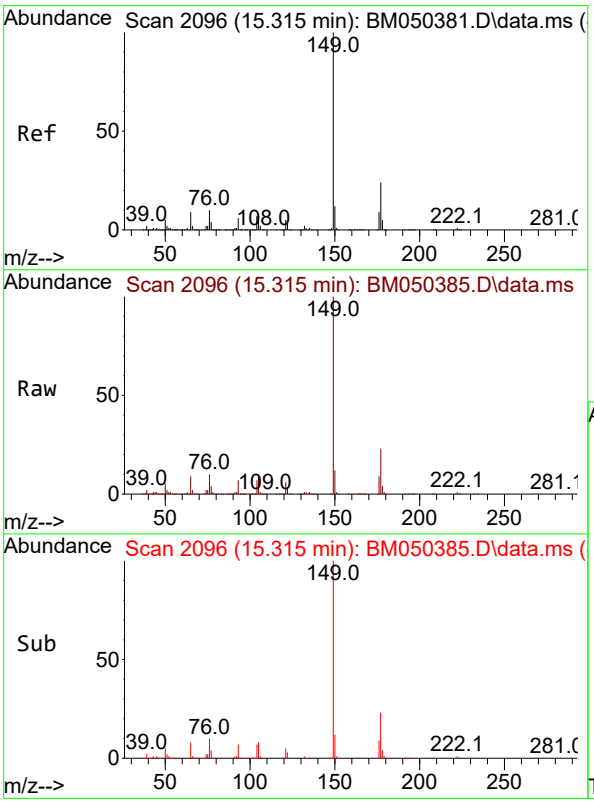
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:232 Resp: 784378

Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.4	50.0
130	2.2	1.8	2.6
166	30.2	24.2	36.4

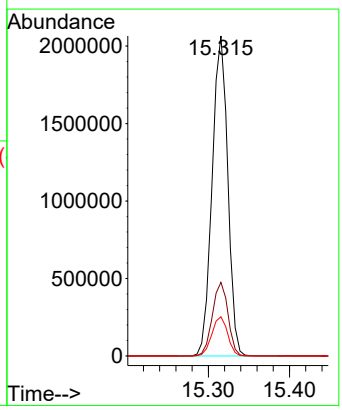


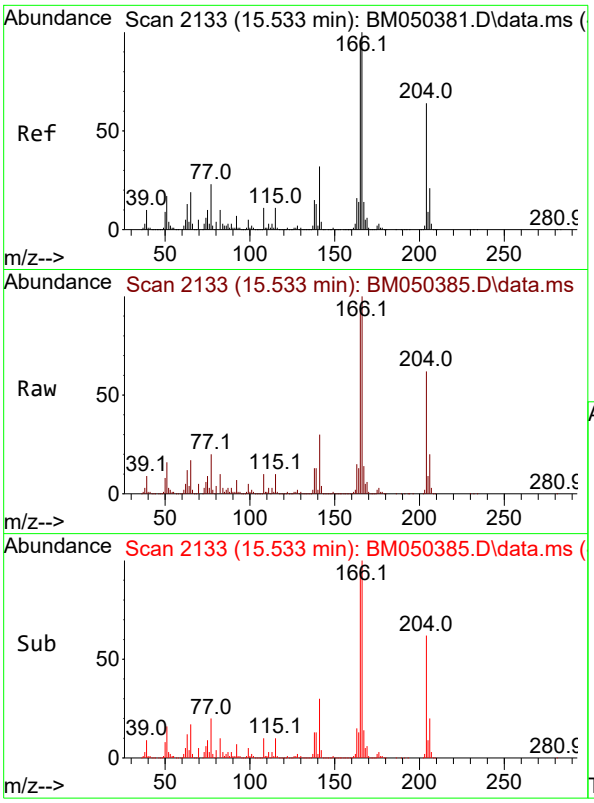


#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2759041

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.2	9.8	14.8



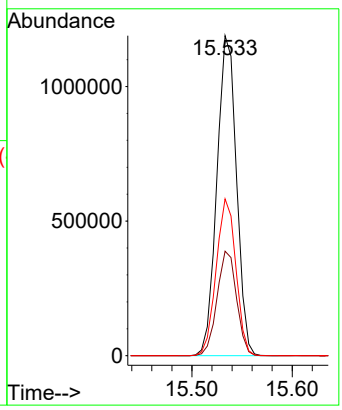


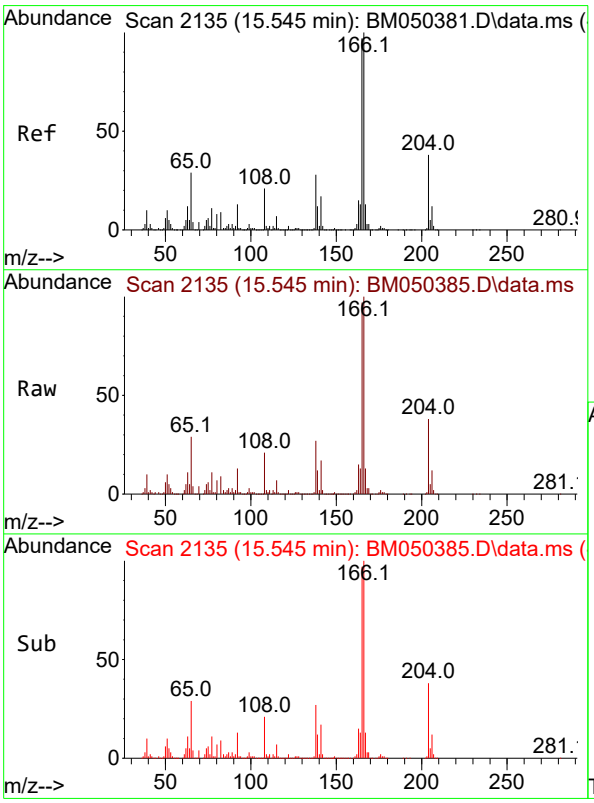
#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:204 Resp: 1608200

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	49.0	39.9	59.9

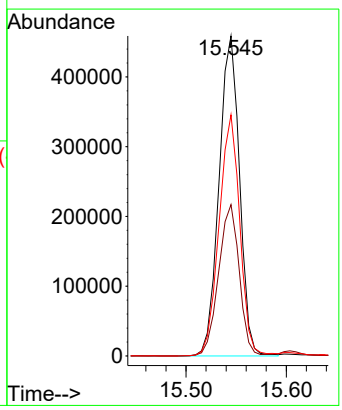


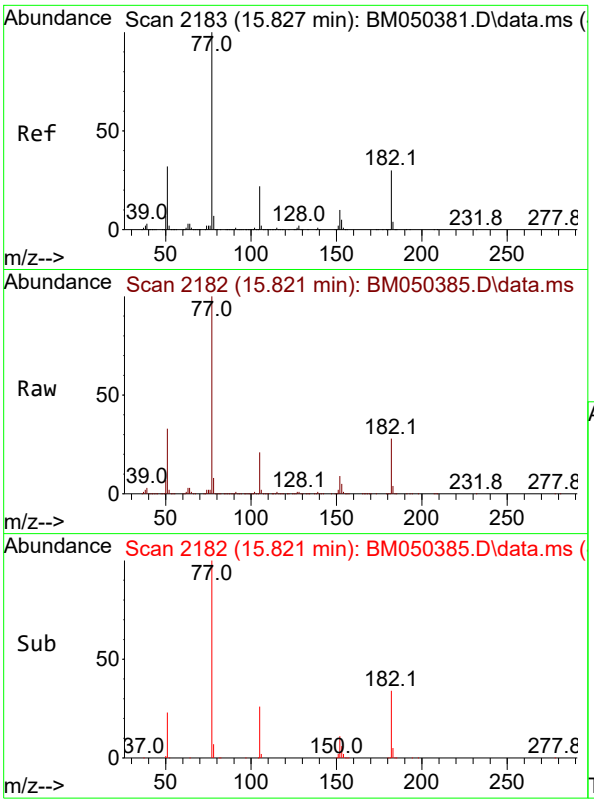


#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:138 Resp: 649355

Ion	Ratio	Lower	Upper
138	100		
92	47.3	24.5	64.5
108	75.4	52.5	92.5



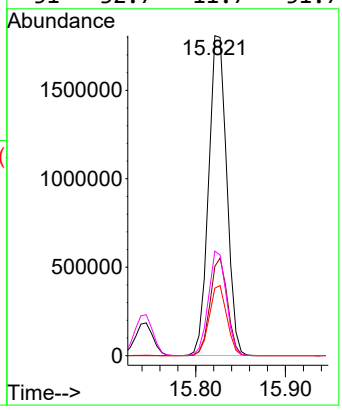


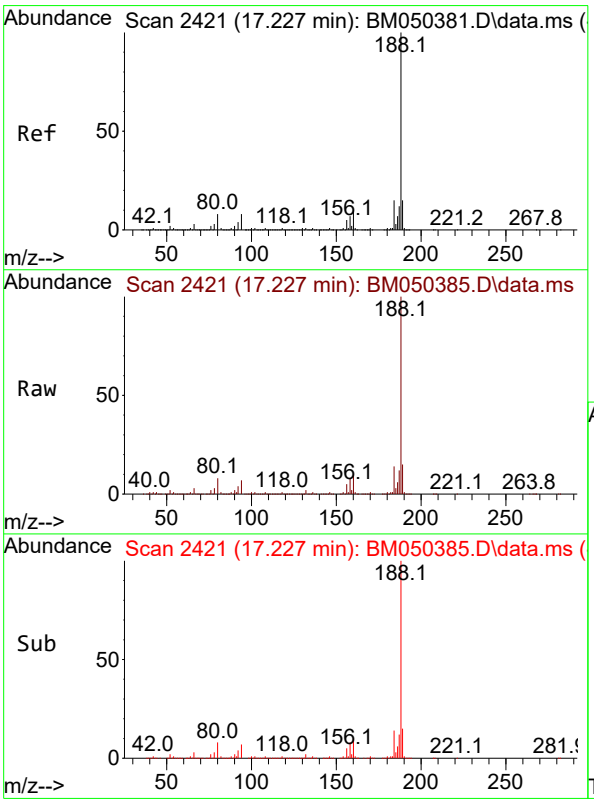
#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 2528721

Ion	Ratio	Lower	Upper
77	100		
182	27.9	10.0	50.0
105	21.1	2.0	42.0
51	32.7	11.7	51.7

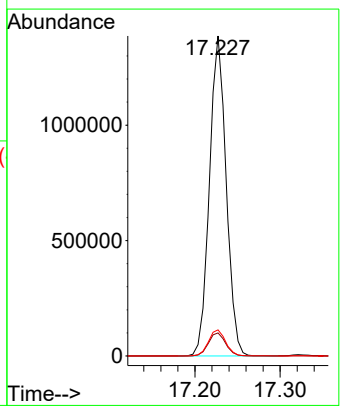


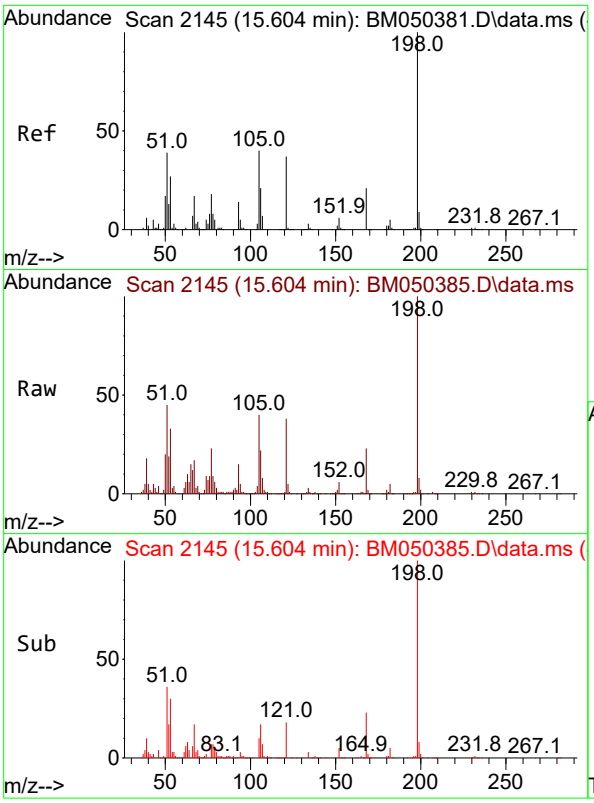


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:188 Resp: 1898481

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	8.2	6.5	9.7



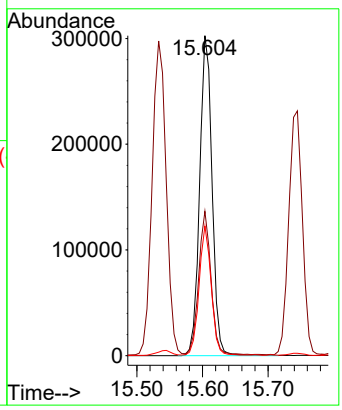


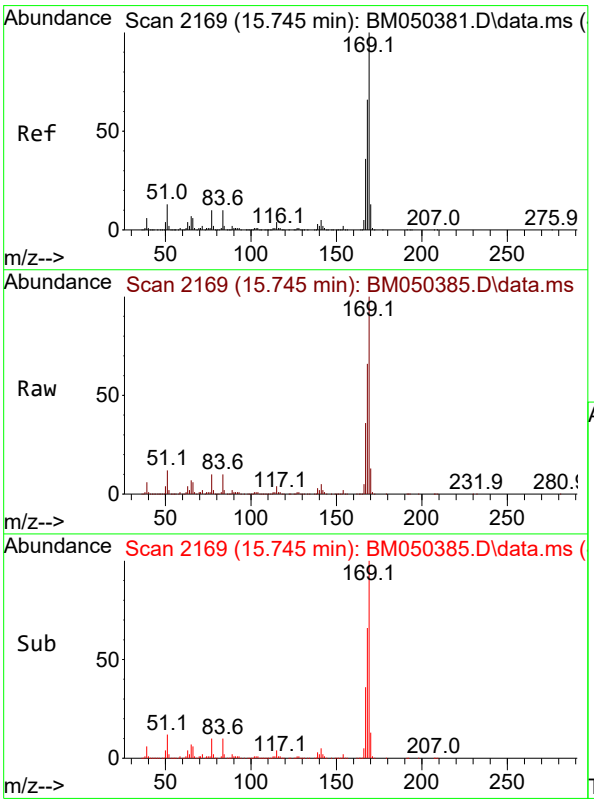
#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:198 Resp: 399918

Ion	Ratio	Lower	Upper
198	100		
51	45.1	26.6	66.6
105	40.5	20.9	60.9

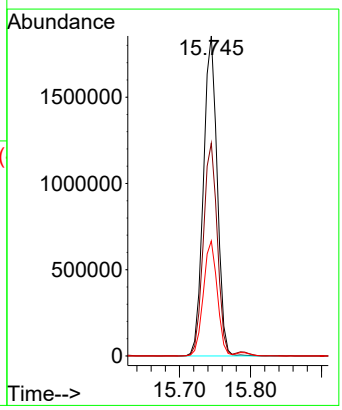


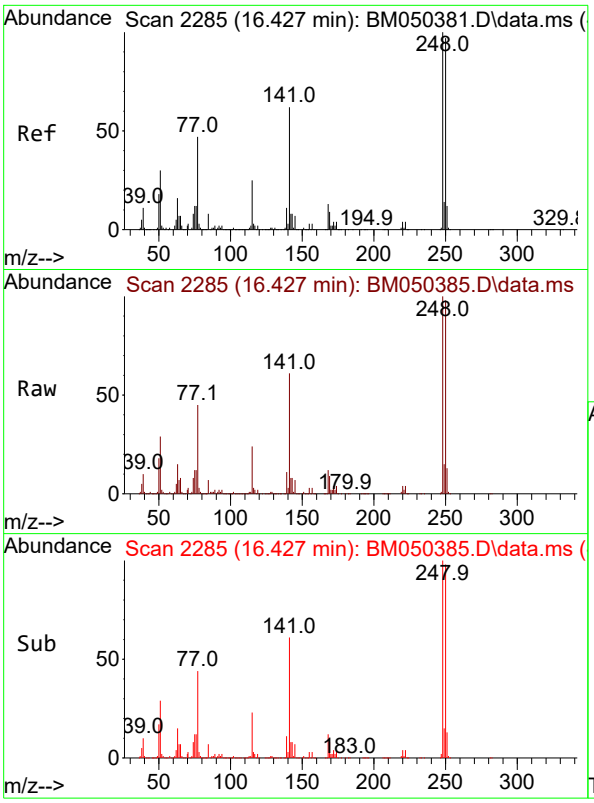


#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:169 Resp: 2506809

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.0	28.7	43.1



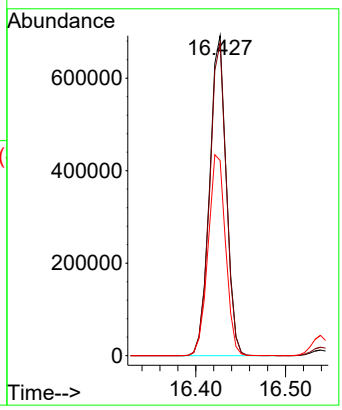


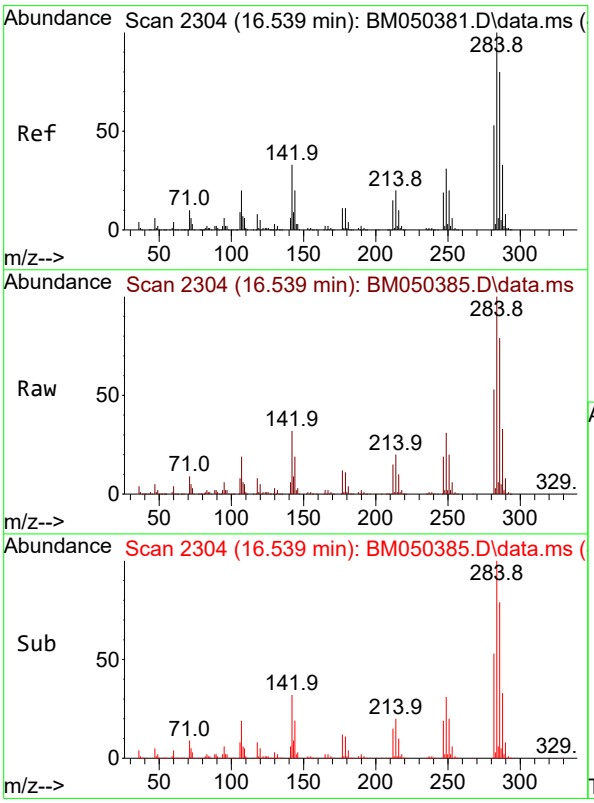
#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:248 Resp: 894310

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	61.0	49.7	74.5

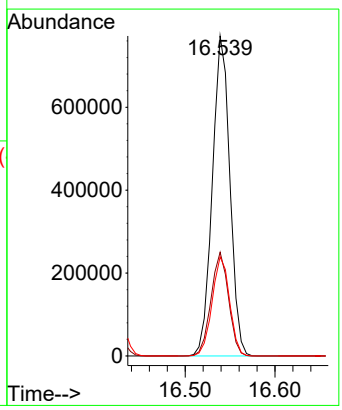


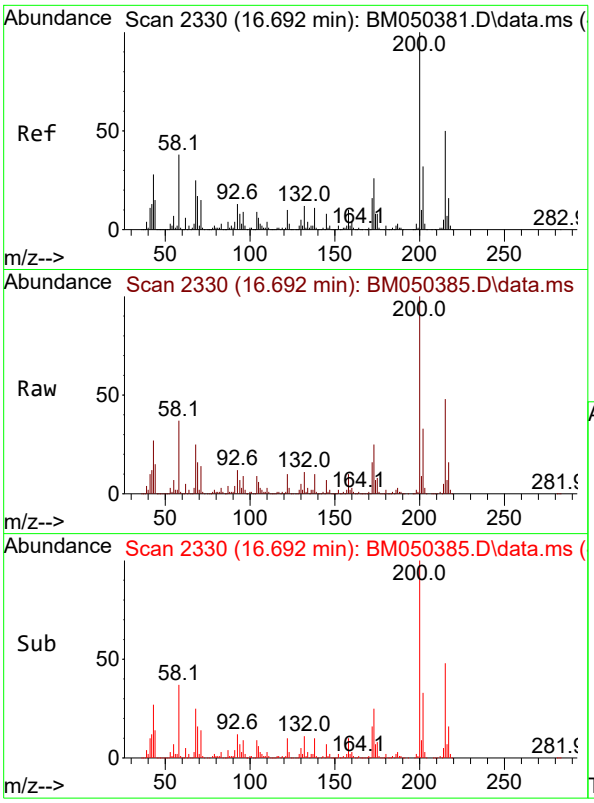


#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:284 Resp: 1046980

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.8	40.2
249	31.0	24.5	36.7



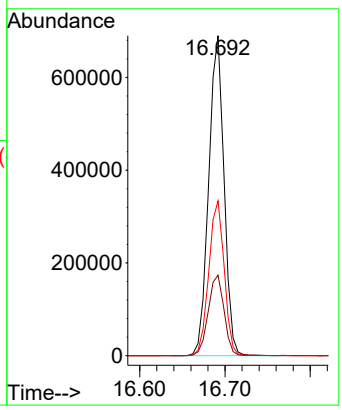


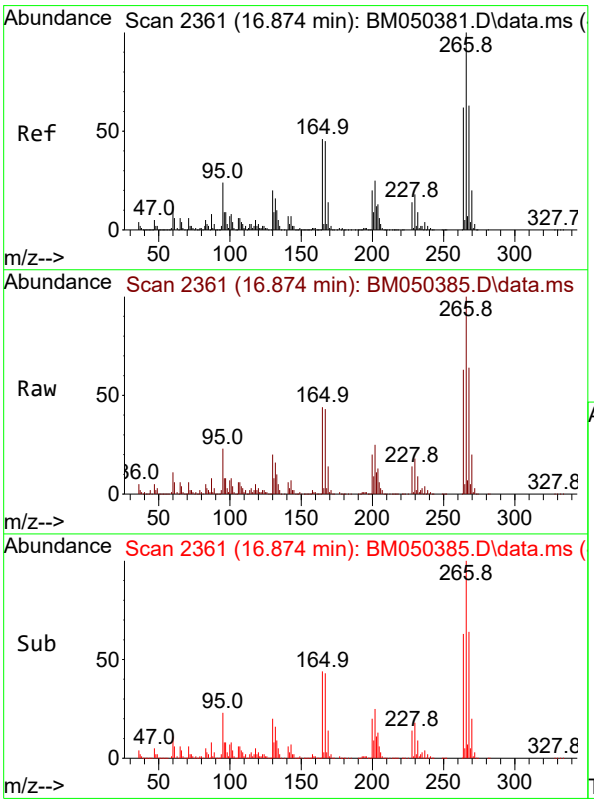
#69
Atrazine
Concen: 44.212 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:200 Resp: 862455

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.6	45.6
215	48.4	29.6	69.6

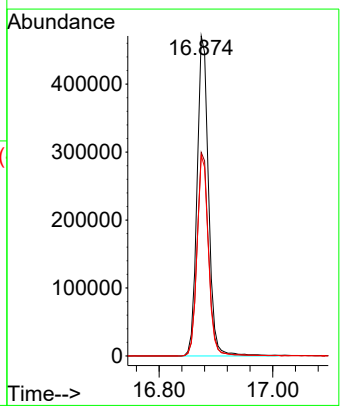


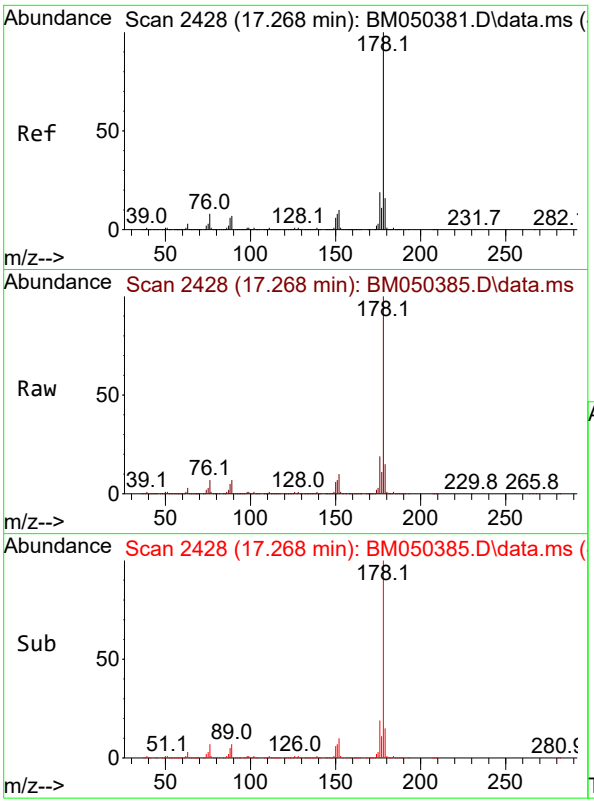


#70
Pentachlorophenol
Concen: 43.075 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:266 Resp: 662449

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.5	75.7
264	62.6	49.9	74.9



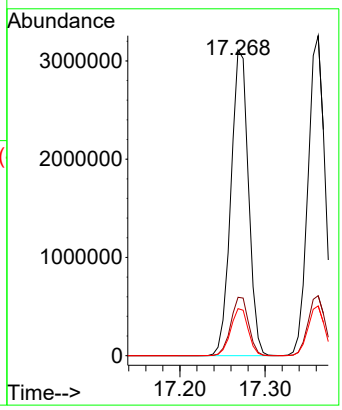


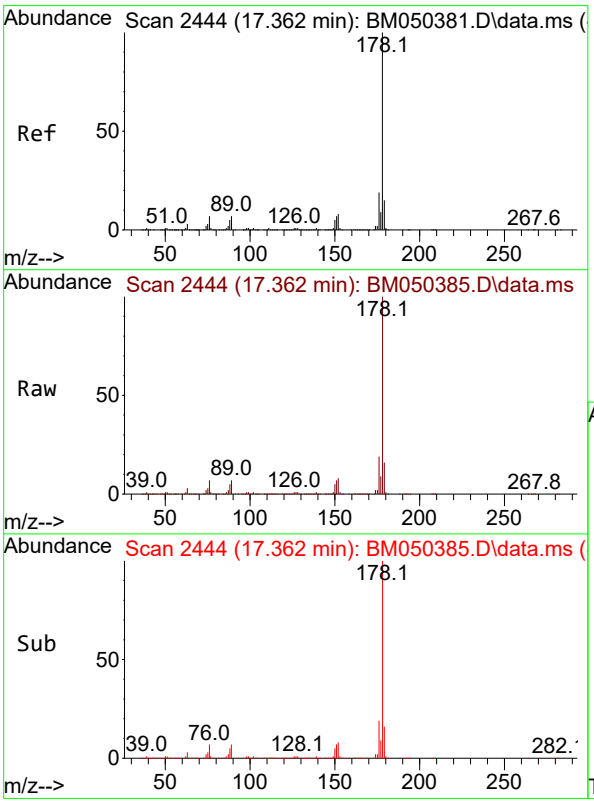
#71
Phenanthrene
Concen: 41.373 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:178 Resp: 4444618

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

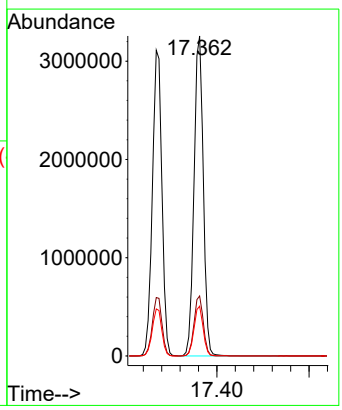


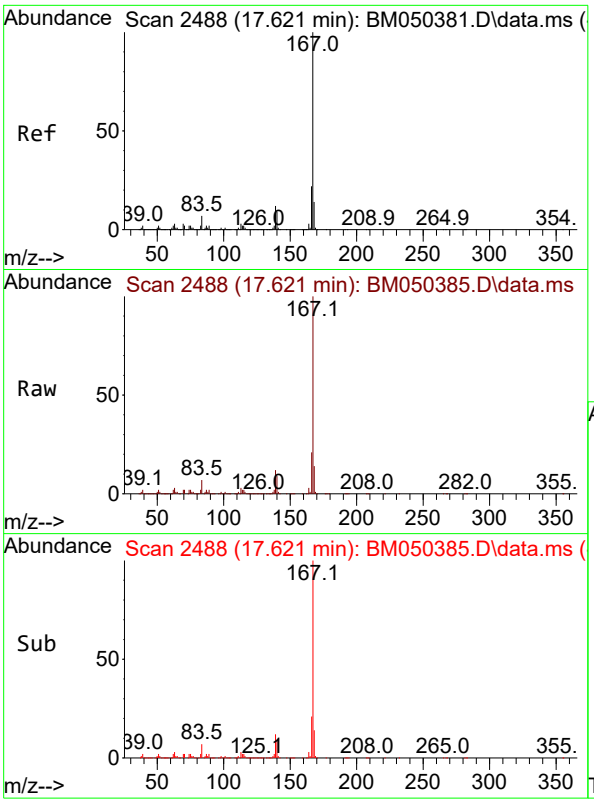


#72
Anthracene
Concen: 42.316 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:178 Resp: 4525011

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4



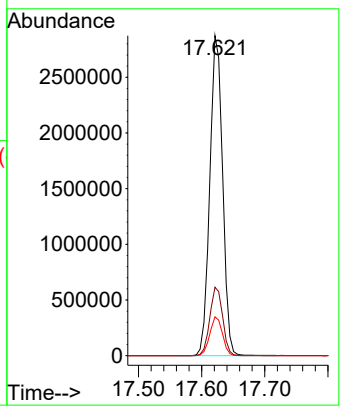


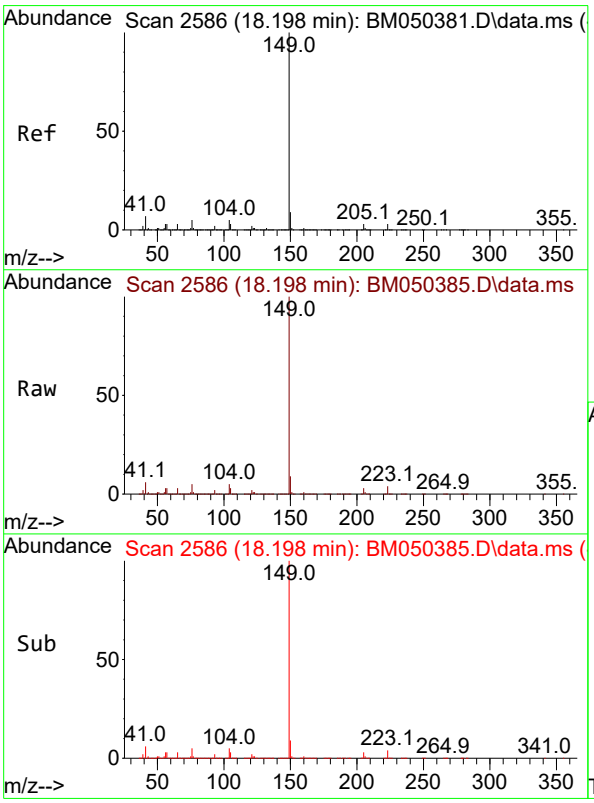
#73
Carbazole
Concen: 41.806 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:167 Resp: 4044979

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.2	9.9	14.9

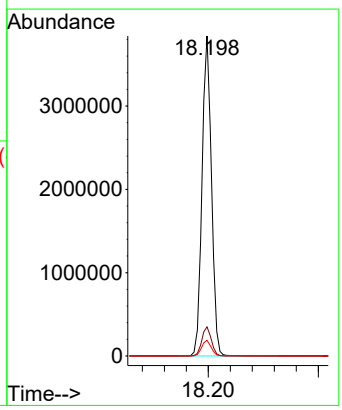


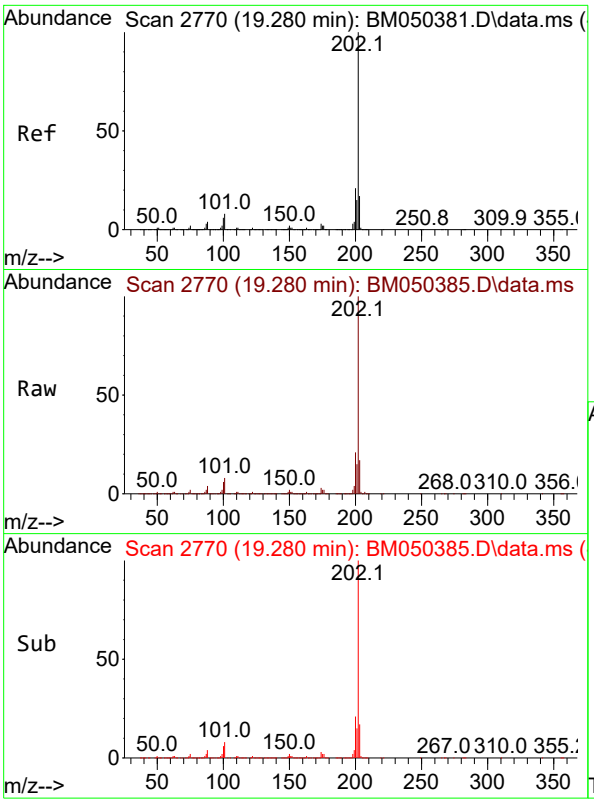


#74
Di-n-butylphthalate
Concen: 43.247 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 4579991

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



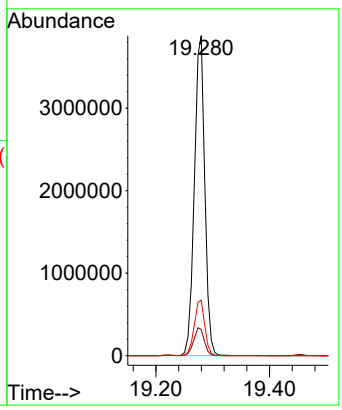


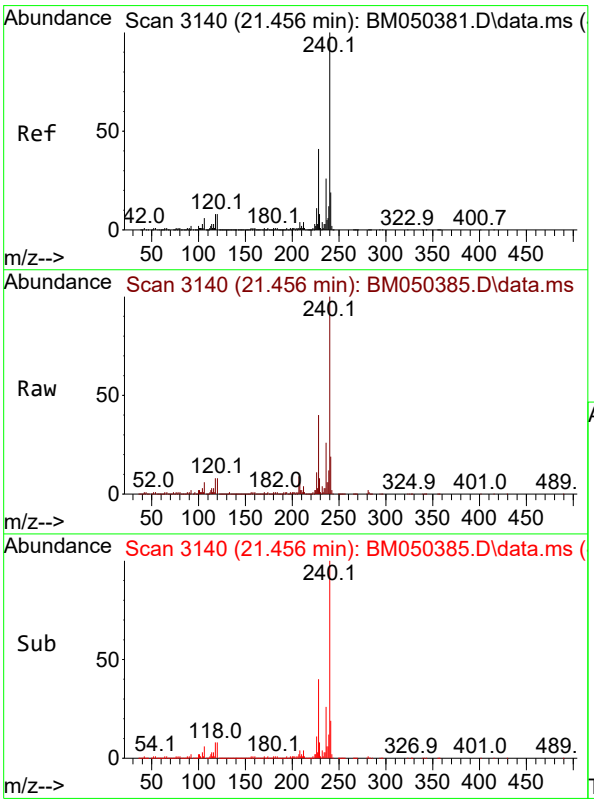
#75
Fluoranthene
Concen: 42.474 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:202 Resp: 4960360

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.3
203	17.4	0.0	37.2

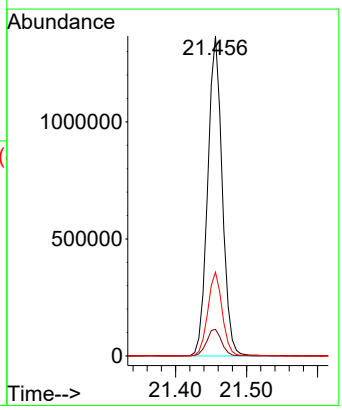


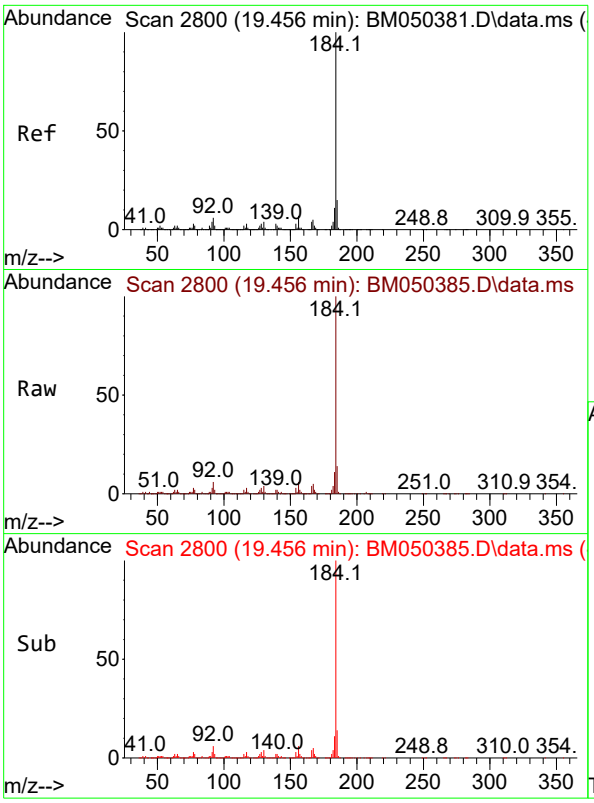


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:240 Resp: 1940016

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.7	10.1
236	26.2	20.7	31.1



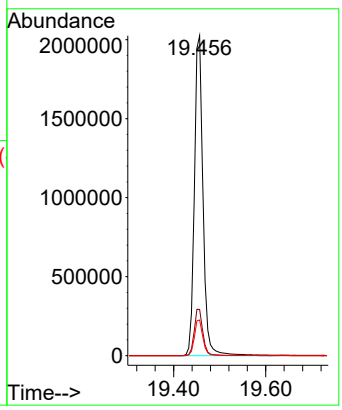


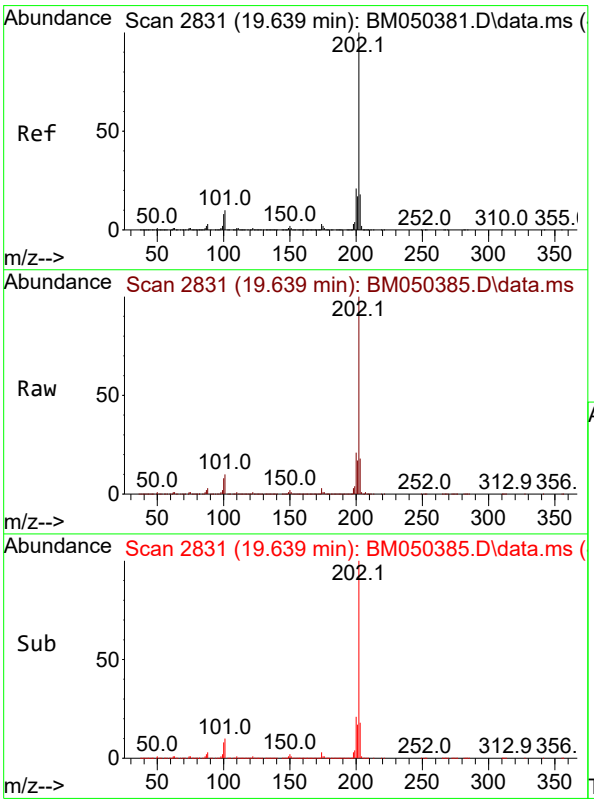
#77
Benzidine
Concen: 53.050 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:184 Resp: 2625052

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.2	9.0	13.6

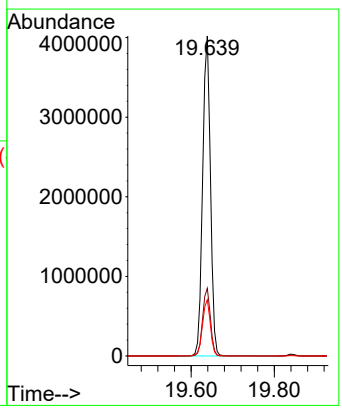


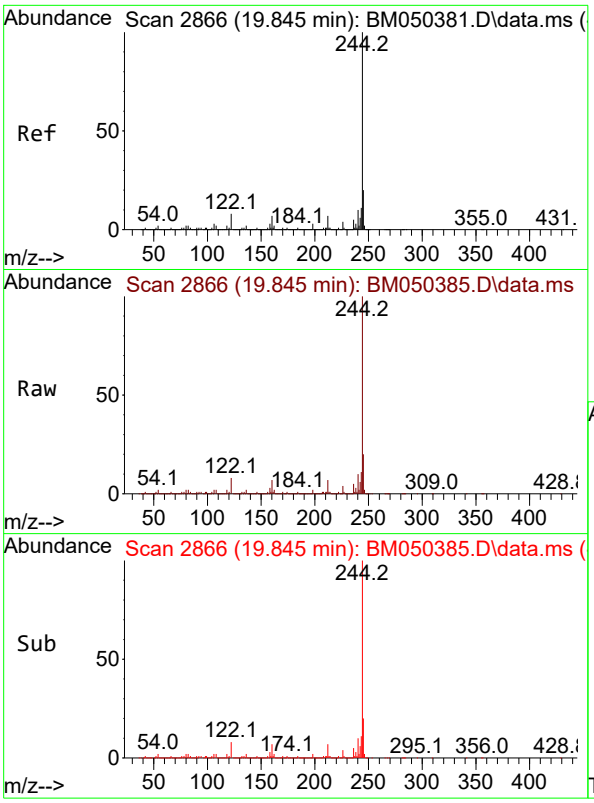


#78
Pyrene
Concen: 42.257 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:202 Resp: 5250364

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.1	21.1



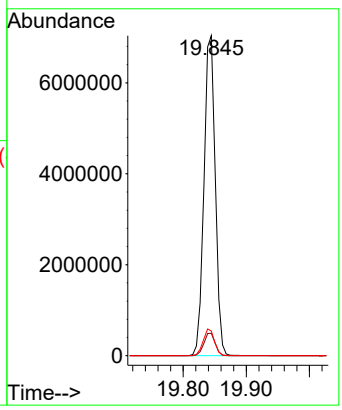


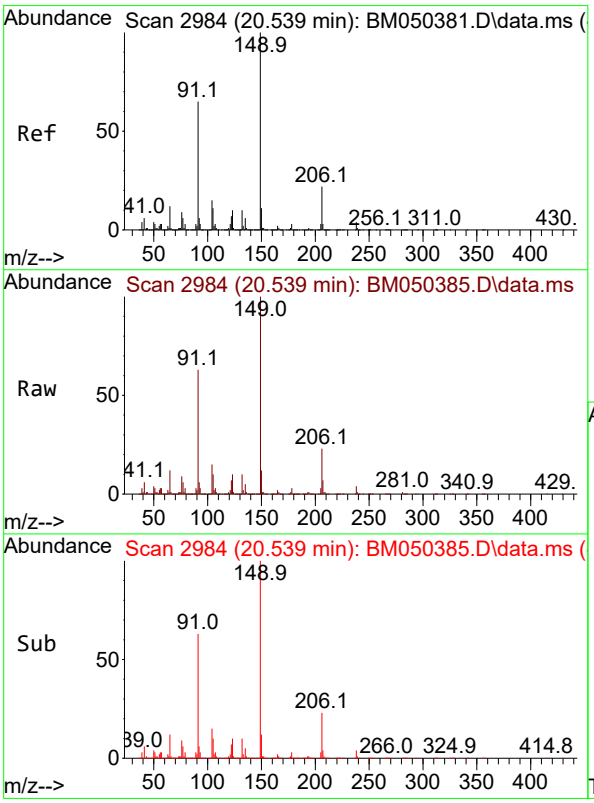
#79
Terphenyl-d14
Concen: 79.145 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:244 Resp: 8726739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2

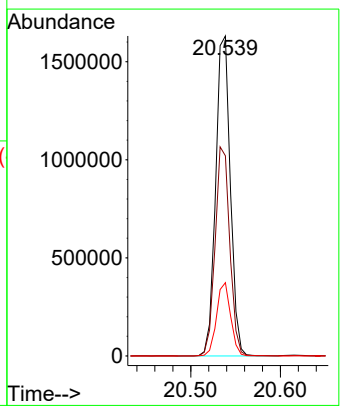


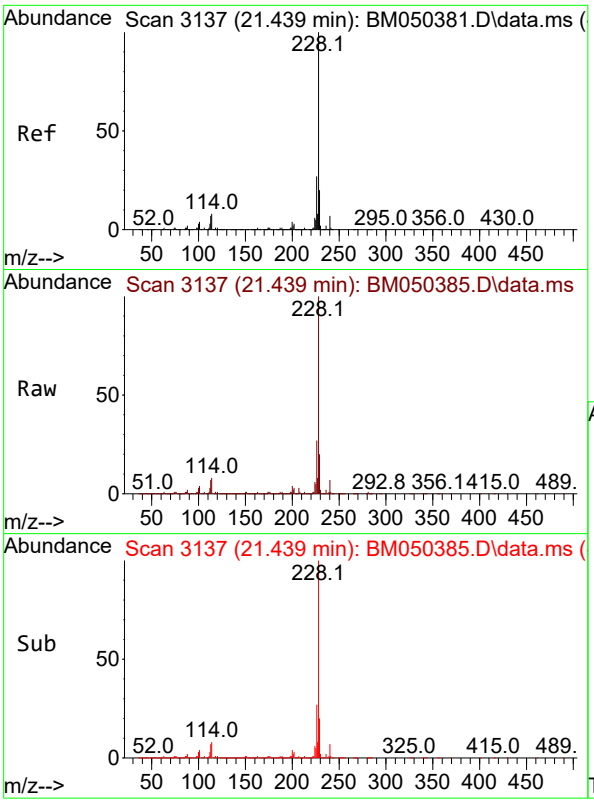


#80
Butylbenzylphthalate
Concen: 45.139 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 1849278

Ion	Ratio	Lower	Upper
149	100		
91	62.6	51.6	77.4
206	22.9	17.8	26.8



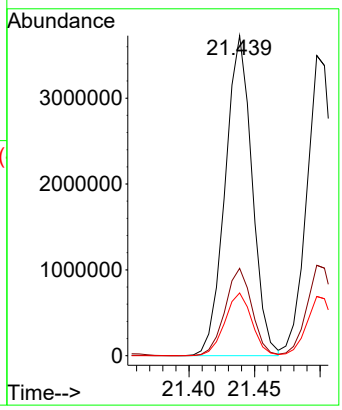


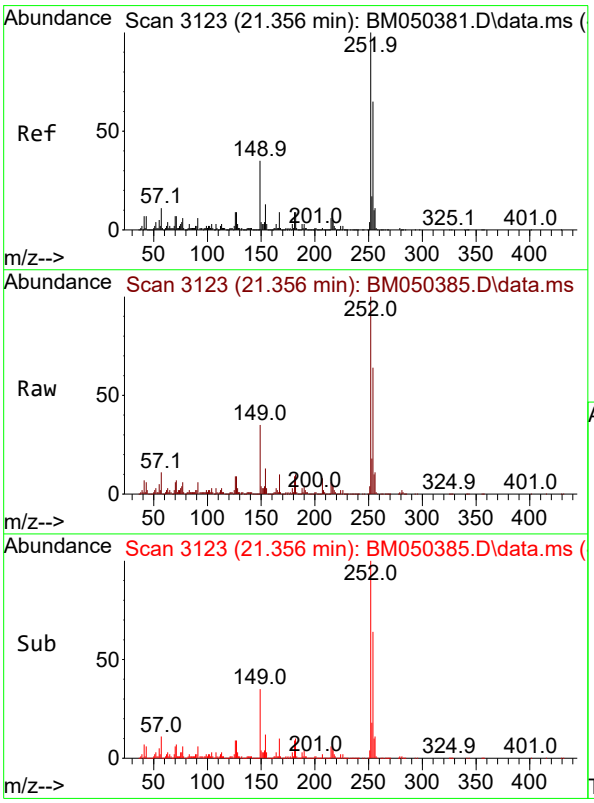
#81
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 5322771

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.6	16.0	24.0

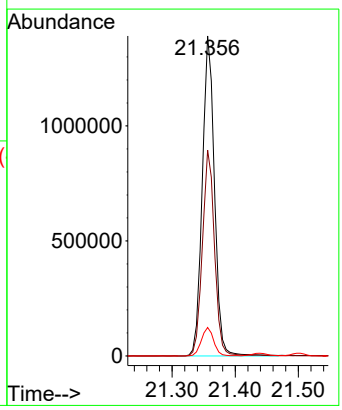


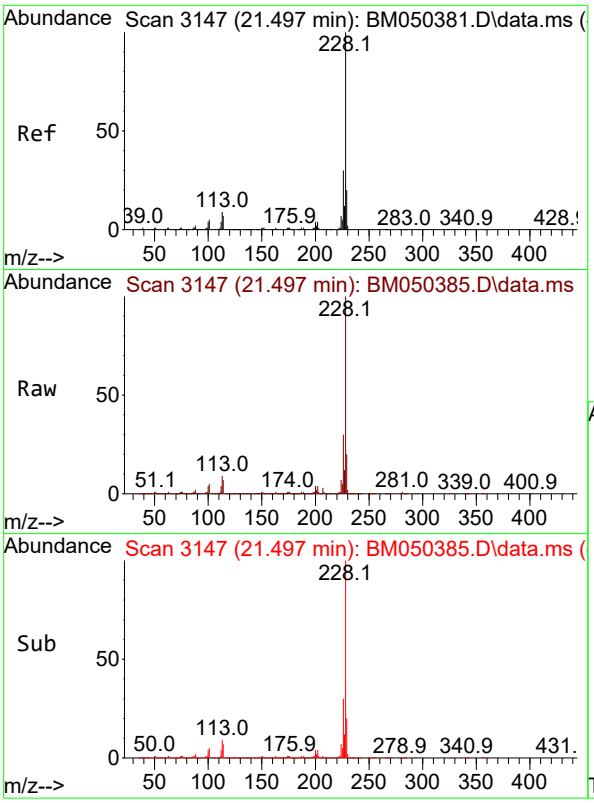


#82
3,3'-Dichlorobenzidine
Concen: 43.733 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 1864267

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	8.9	7.3	10.9



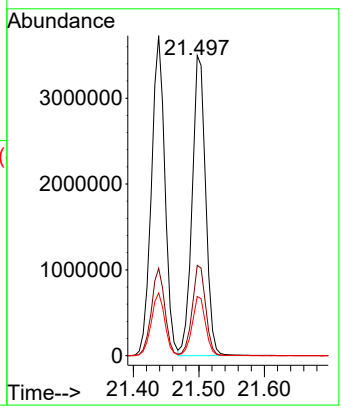


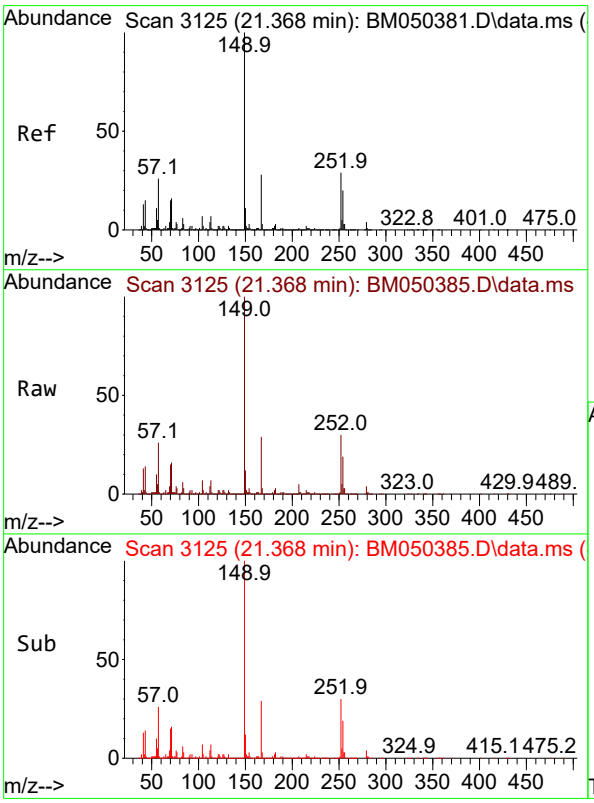
#83
Chrysene
Concen: 41.924 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 4998506

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.8	15.8	23.6

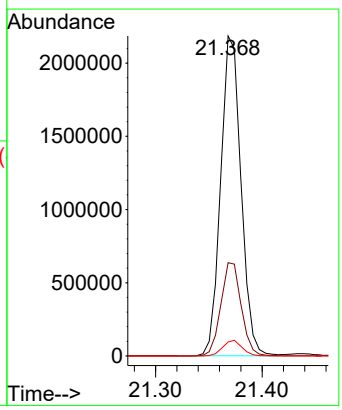


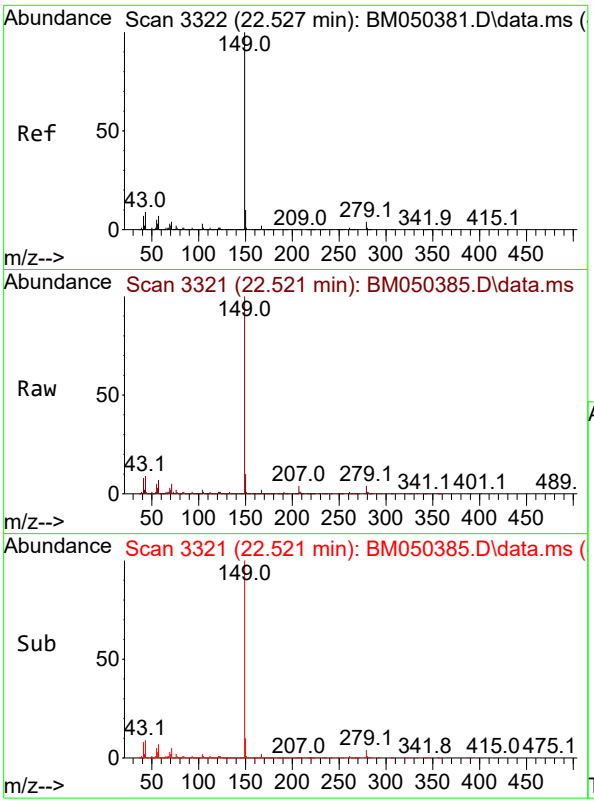


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.481 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2892877

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.4	3.5	5.3



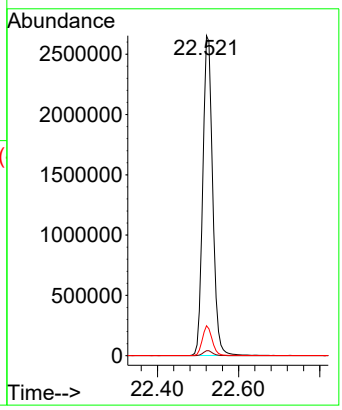


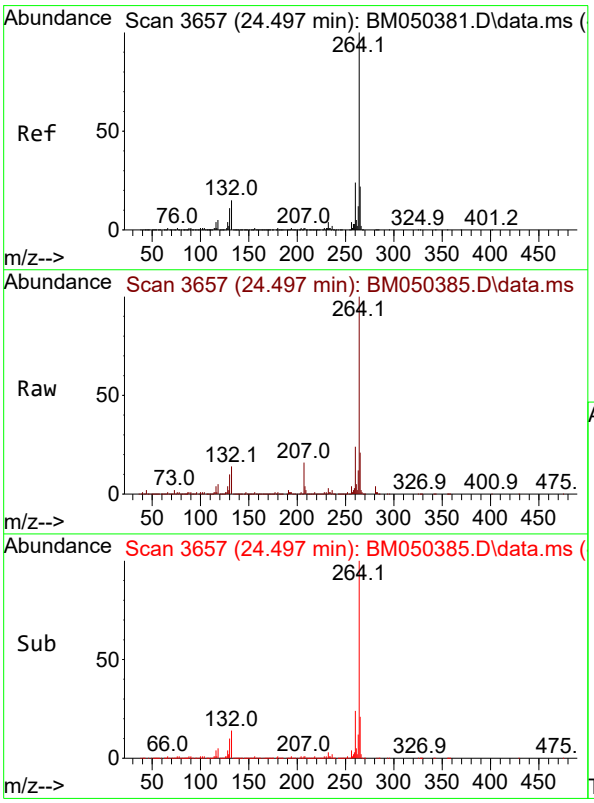
#85
Di-n-octyl phthalate
Concen: 43.760 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:149 Resp: 4457449

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.7	11.5

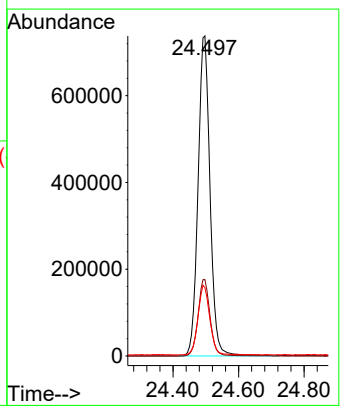


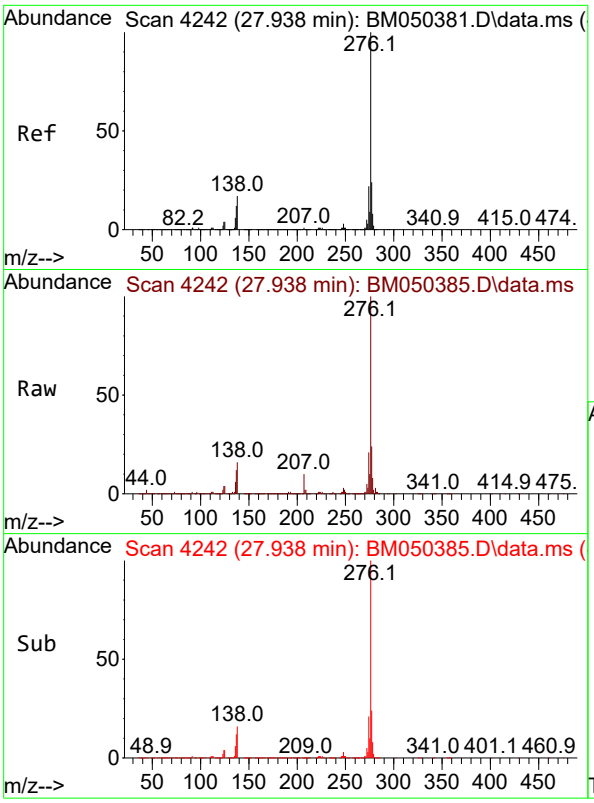


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:264 Resp: 1874427

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.8	26.6



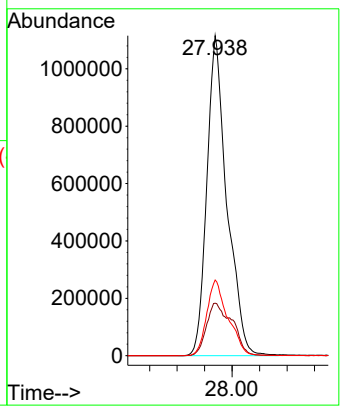


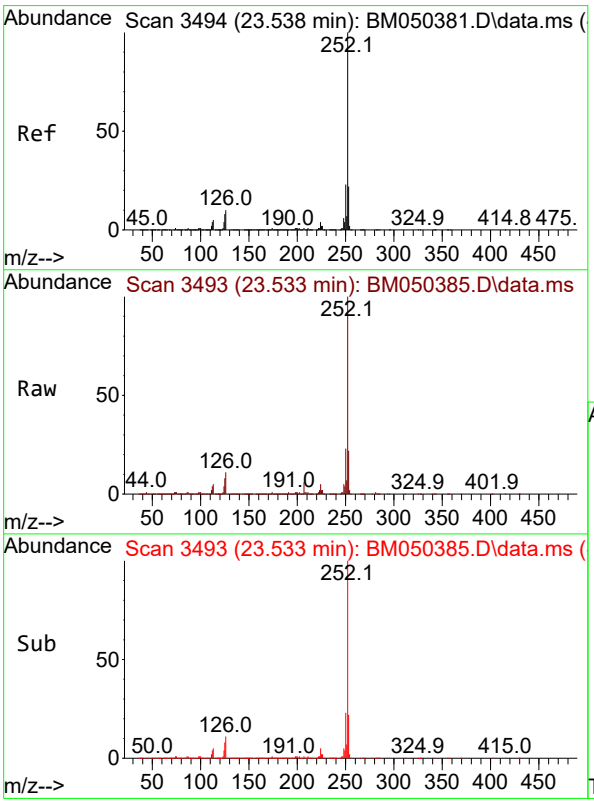
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.377 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:276 Resp: 5647629

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.6
277	25.0	20.0	30.0

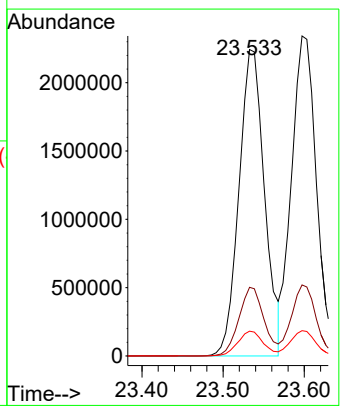


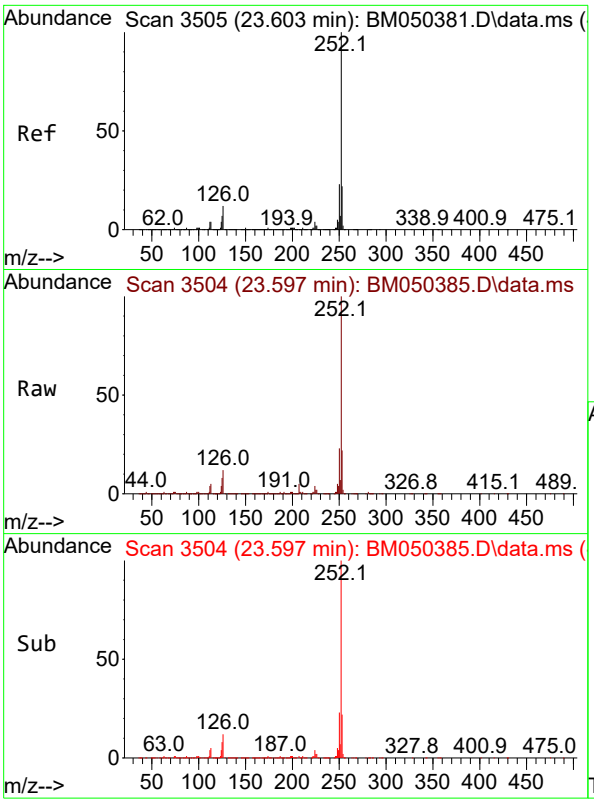


#88
Benzo(b)fluoranthene
Concen: 42.558 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4906807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.1	6.3	9.5



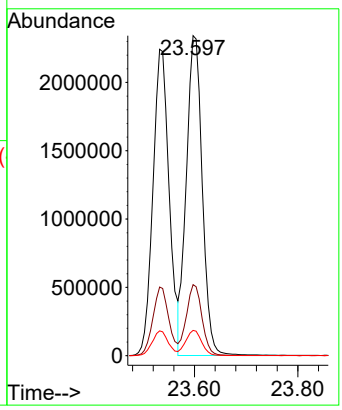


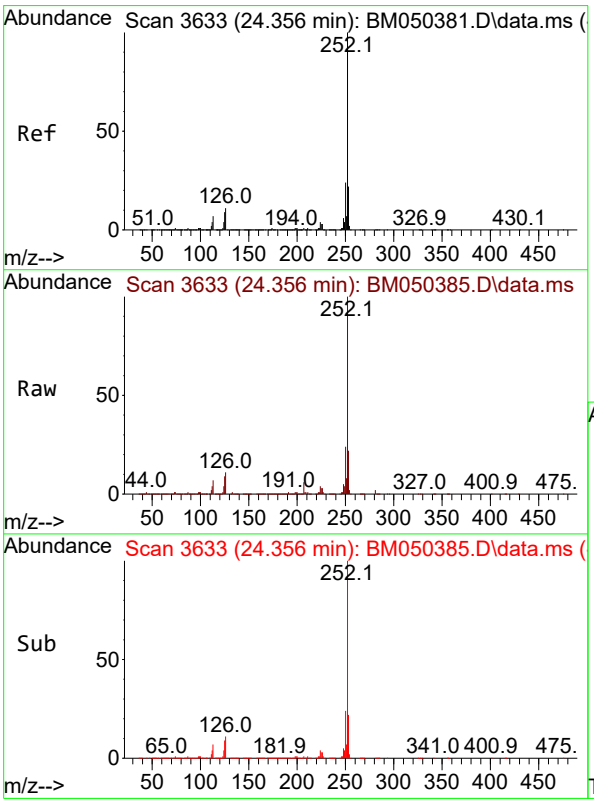
#89
Benzo(k)fluoranthene
Concen: 41.883 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:252 Resp: 5010695

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.9	6.2	9.2

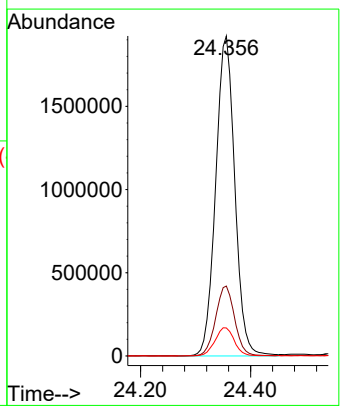


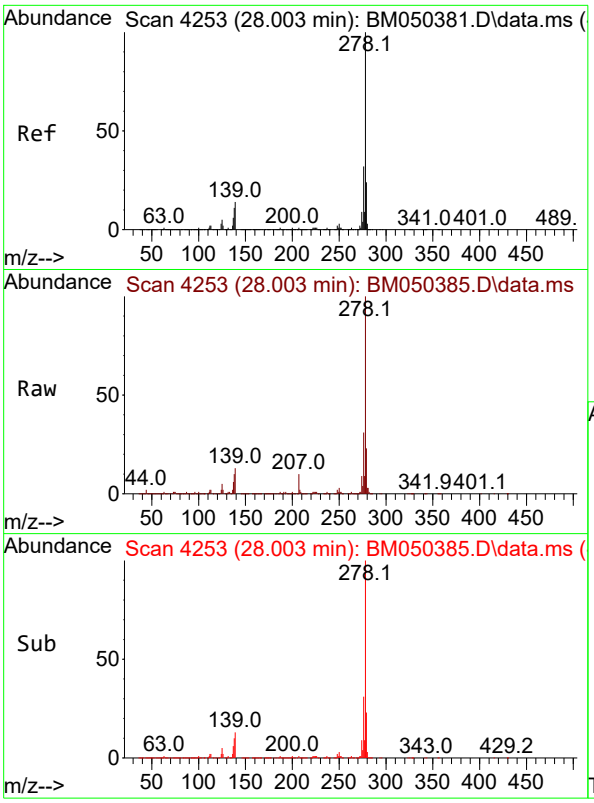


#90
Benzo(a)pyrene
Concen: 42.933 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4633762

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.8	7.0	10.4



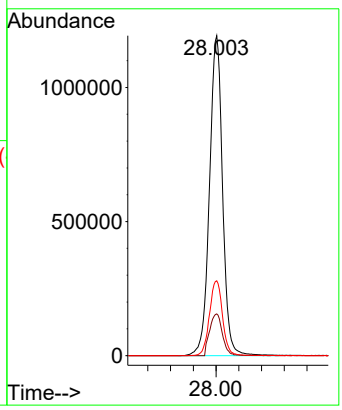


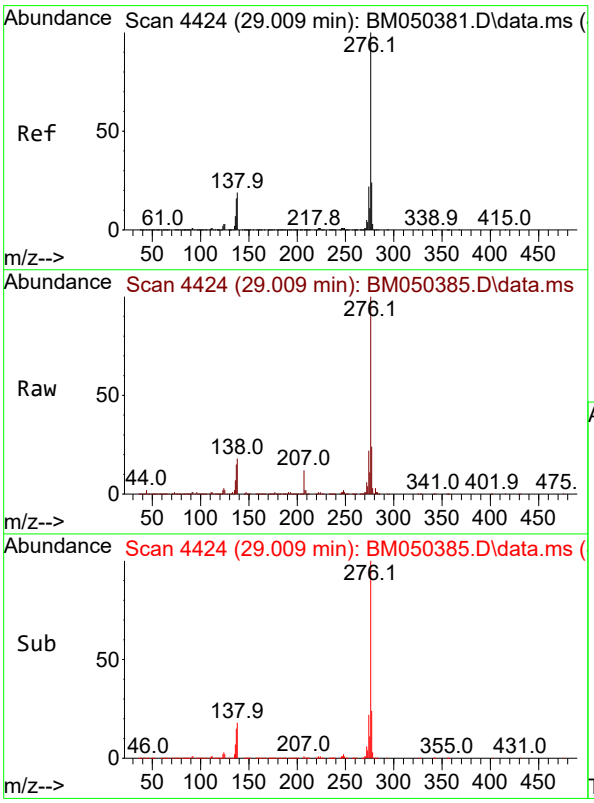
#91
Dibenzo(a,h)anthracene
Concen: 42.521 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:278 Resp: 4772470

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

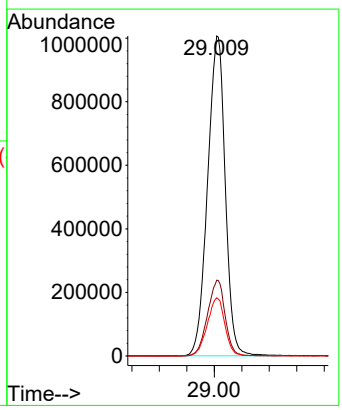




#92
Benzo(g,h,i)perylene
Concen: 42.197 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:276 Resp: 4476118

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	18.2	14.9	22.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2		1,4-Dioxane	0.478	0.454	5.0	102	0.00
3		Pyridine	1.254	1.289	-2.8	109	0.00
4		n-Nitrosodimethylamine	0.585	0.597	-2.1	108	0.00
5	S	2-Fluorophenol	1.162	1.160	0.2	104	0.00
6		Aniline	1.880	2.000	-6.4	110	0.00
7	S	Phenol-d6	1.465	1.477	-0.8	104	0.00
8		2-Chlorophenol	1.225	1.315	-7.3	112	0.00
9		Benzaldehyde	0.871	0.988	-13.4	114	0.00
10	C	Phenol	1.528	1.608	-5.2	111	0.00
11		bis(2-Chloroethyl)ether	1.223	1.292	-5.6	112	0.00
12		1,3-Dichlorobenzene	1.490	1.559	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	1.521	1.582	-4.0	112	0.00
14		1,2-Dichlorobenzene	1.456	1.510	-3.7	111	0.00
15		Benzyl Alcohol	1.032	1.098	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.851	-2.7	110	0.00
17		2-Methylphenol	0.991	1.058	-6.8	111	0.00
18		Hexachloroethane	0.535	0.560	-4.7	112	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.980	-10.5	111	0.00
20		3+4-Methylphenols	1.330	1.406	-5.7	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22		Acetophenone	0.500	0.529	-5.8	112	0.00
23	S	Nitrobenzene-d5	0.392	0.358	8.7	95	0.00
24		Nitrobenzene	0.350	0.366	-4.6	110	0.00
25		Isophorone	0.636	0.682	-7.2	111	0.00
26	C	2-Nitrophenol	0.143	0.166	-16.1	117	0.00
27		2,4-Dimethylphenol	0.303	0.322	-6.3	112	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.441	-4.5	110	0.00
29	C	2,4-Dichlorophenol	0.312	0.336	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	0.373	0.392	-5.1	112	0.00
31		Naphthalene	1.016	1.048	-3.1	110	0.00
32		Benzoic acid	0.165	0.191	-15.8	121	0.00
33		4-Chloroaniline	0.429	0.455	-6.1	110	0.00
34	C	Hexachlorobutadiene	0.228	0.241	-5.7	113	0.00
35		Caprolactam	0.085	0.092	-8.2	110	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.315	-8.2	111	0.00
37		2-Methylnaphthalene	0.641	0.684	-6.7	112	0.00
38		1-Methylnaphthalene	0.679	0.718	-5.7	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.681	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.437	-7.4	115	0.00
42	S	2,4,6-Tribromophenol	0.243	0.255	-4.9	107	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.426	-9.0	113	0.00
44		2,4,5-Trichlorophenol	0.428	0.465	-8.6	113	0.00
45	S	2-Fluorobiphenyl	1.620	1.431	11.7	94	0.00
46		1,1'-Biphenyl	1.484	1.542	-3.9	112	0.00
47		2-Chloronaphthalene	1.183	1.221	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.294	-11.4	110	0.00
49		Acenaphthylene	1.788	1.876	-4.9	110	0.00
50		Dimethylphthalate	1.377	1.433	-4.1	111	0.00
51		2,6-Dinitrotoluene	0.264	0.293	-11.0	112	0.00
52	C	Acenaphthene	1.137	1.181	-3.9	111	0.00
53		3-Nitroaniline	0.281	0.315	-12.1	112	0.00
54	P	2,4-Dinitrophenol	0.121	0.132	-9.1	118	0.00
55		Dibenzofuran	1.751	1.790	-2.2	109	0.00
56	P	4-Nitrophenol	0.242	0.259	-7.0	110	0.00
57		2,4-Dinitrotoluene	0.350	0.401	-14.6	113	0.00
58		Fluorene	1.443	1.494	-3.5	110	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	111	0.00
60		Diethylphthalate	1.315	1.368	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	0.754	0.798	-5.8	111	0.00
62		4-Nitroaniline	0.288	0.322	-11.8	108	0.00
63		Azobenzene	1.208	1.254	-3.8	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.105	-10.5	117	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.660	-5.4	110	0.00
67		4-Bromophenyl-phenylether	0.220	0.236	-7.3	112	0.00
68		Hexachlorobenzene	0.260	0.276	-6.2	111	0.00
69		Atrazine	0.206	0.227	-10.2	111	0.00
70	C	Pentachlorophenol	0.162	0.174	-7.4	112	0.00
71		Phenanthrene	1.132	1.171	-3.4	110	0.00
72		Anthracene	1.127	1.192	-5.8	110	0.00
73		Carbazole	1.019	1.065	-4.5	109	0.00
74		Di-n-butylphthalate	1.116	1.206	-8.1	109	0.00
75	C	Fluoranthene	1.230	1.306	-6.2	110	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.510	0.677	-32.7#	125	0.00
78		Pyrene	1.281	1.353	-5.6	109	0.00
79	S	Terphenyl-d14	1.137	1.125	1.1	91	0.00
80		Butylbenzylphthalate	0.422	0.477	-13.0	110	0.00
81		Benzo(a)anthracene	1.303	1.372	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	0.439	0.480	-9.3	114	0.00
83		Chrysene	1.229	1.288	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.746	-11.3	108	0.00
85	c	Di-n-octyl phthalate	1.050	1.149	-9.4	111	0.00
86	I	Perylene-d12	1.000	1.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	1.422	1.506	-5.9	108	0.00
88		Benzo(b)fluoranthene	1.230	1.309	-6.4	108	0.00
89		Benzo(k)fluoranthene	1.276	1.337	-4.8	108	0.00
90	C	Benzo(a)pyrene	1.152	1.236	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	1.198	1.273	-6.3	109	0.00
92		Benzo(g,h,i)perylene	1.132	1.194	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
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Instrument :
BNA_M
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ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2		1,4-Dioxane	40.000	37.994	5.0	102	0.00
3		Pyridine	40.000	41.118	-2.8	109	0.00
4		n-Nitrosodimethylamine	40.000	40.835	-2.1	108	0.00
5	S	2-Fluorophenol	80.000	79.859	0.2	104	0.00
6		Aniline	40.000	42.568	-6.4	110	0.00
7	S	Phenol-d6	80.000	80.660	-0.8	104	0.00
8		2-Chlorophenol	40.000	42.935	-7.3	112	0.00
9		Benzaldehyde	40.000	45.376	-13.4	114	0.00
10	C	Phenol	40.000	42.114	-5.3	111	0.00
11		bis(2-Chloroethyl)ether	40.000	42.240	-5.6	112	0.00
12		1,3-Dichlorobenzene	40.000	41.848	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	40.000	41.609	-4.0	112	0.00
14		1,2-Dichlorobenzene	40.000	41.478	-3.7	111	0.00
15		Benzyl Alcohol	40.000	42.555	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.095	-2.7	110	0.00
17		2-Methylphenol	40.000	42.726	-6.8	111	0.00
18		Hexachloroethane	40.000	41.906	-4.8	112	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	44.168	-10.4	111	0.00
20		3+4-Methylphenols	40.000	42.276	-5.7	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22		Acetophenone	40.000	42.290	-5.7	112	0.00
23	S	Nitrobenzene-d5	80.000	73.139	8.6	95	0.00
24		Nitrobenzene	40.000	41.860	-4.6	110	0.00
25		Isophorone	40.000	42.909	-7.3	111	0.00
26	C	2-Nitrophenol	40.000	46.488	-16.2	117	0.00
27		2,4-Dimethylphenol	40.000	42.470	-6.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.880	-4.7	110	0.00
29	C	2,4-Dichlorophenol	40.000	43.061	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	40.000	42.001	-5.0	112	0.00
31		Naphthalene	40.000	41.281	-3.2	110	0.00
32		Benzoic acid	40.000	41.913	-4.8	121	0.00
33		4-Chloroaniline	40.000	42.424	-6.1	110	0.00
34	C	Hexachlorobutadiene	40.000	42.386	-6.0	113	0.00
35		Caprolactam	40.000	43.156	-7.9	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.312	-8.3	111	0.00
37		2-Methylnaphthalene	40.000	42.637	-6.6	112	0.00
38		1-Methylnaphthalene	40.000	42.292	-5.7	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.859	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.015	-7.5	115	0.00
42	S	2,4,6-Tribromophenol	80.000	83.788	-4.7	107	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.485	-8.7	113	0.00
44		2,4,5-Trichlorophenol	40.000	43.542	-8.9	113	0.00
45	S	2-Fluorobiphenyl	80.000	70.689	11.6	94	0.00
46		1,1'-Biphenyl	40.000	41.557	-3.9	112	0.00
47		2-Chloronaphthalene	40.000	41.272	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.497	-11.2	110	0.00
49		Acenaphthylene	40.000	41.972	-4.9	110	0.00
50		Dimethylphthalate	40.000	41.635	-4.1	111	0.00
51		2,6-Dinitrotoluene	40.000	44.405	-11.0	112	0.00
52	C	Acenaphthene	40.000	41.562	-3.9	111	0.00
53		3-Nitroaniline	40.000	44.871	-12.2	112	0.00
54	P	2,4-Dinitrophenol	40.000	39.797	0.5	118	0.00
55		Dibenzofuran	40.000	40.877	-2.2	109	0.00
56	P	4-Nitrophenol	40.000	42.822	-7.1	110	0.00
57		2,4-Dinitrotoluene	40.000	40.905	-2.3	113	0.00
58		Fluorene	40.000	41.425	-3.6	110	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.229	-8.1	111	0.00
60		Diethylphthalate	40.000	41.609	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	40.000	42.288	-5.7	111	0.00
62		4-Nitroaniline	40.000	40.288	-0.7	108	0.00
63		Azobenzene	40.000	41.531	-3.8	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.334	-0.8	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.198	-5.5	110	0.00
67		4-Bromophenyl-phenylether	40.000	42.755	-6.9	112	0.00
68		Hexachlorobenzene	40.000	42.380	-6.0	111	0.00
69		Atrazine	40.000	44.212	-10.5	111	0.00
70	C	Pentachlorophenol	40.000	43.075	-7.7	112	0.00
71		Phenanthrene	40.000	41.373	-3.4	110	0.00
72		Anthracene	40.000	42.316	-5.8	110	0.00
73		Carbazole	40.000	41.806	-4.5	109	0.00
74		Di-n-butylphthalate	40.000	43.247	-8.1	109	0.00
75	C	Fluoranthene	40.000	42.474	-6.2	110	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	53.050	-32.6#	125	0.00
78		Pyrene	40.000	42.257	-5.6	109	0.00
79	S	Terphenyl-d14	80.000	79.145	1.1	91	0.00
80		Butylbenzylphthalate	40.000	45.139	-12.8	110	0.00
81		Benzo(a)anthracene	40.000	42.109	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	40.000	43.733	-9.3	114	0.00
83		Chrysene	40.000	41.924	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.481	-11.2	108	0.00
85	c	Di-n-octyl phthalate	40.000	43.760	-9.4	111	0.00
86	I	Perylene-d12	20.000	20.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.377	-5.9	108	0.00
88		Benzo(b)fluoranthene	40.000	42.558	-6.4	108	0.00
89		Benzo(k)fluoranthene	40.000	41.883	-4.7	108	0.00
90	C	Benzo(a)pyrene	40.000	42.933	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	40.000	42.521	-6.3	109	0.00
92		Benzo(g,h,i)perylene	40.000	42.197	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

Alliance TECHNICAL GROUP
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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.129	3.3
Benzaldehyde			0.903	0.894	0.724	0.684	0.769	15.8
Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.473	3.3
Phenol		1.473	1.461	1.551	1.472	1.485	1.497	2.4
bis(2-Chloroethyl)ether		1.187	1.139	1.200	1.122	1.129	1.152	2.9
2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.263	2.8
2-Methylphenol		0.887	0.908	1.007	0.969	0.974	0.964	5.1
2,2-oxybis(1-Chloropropane)		1.587	1.520	1.570	1.433	1.462	1.498	4.4
Acetophenone		0.480	0.481	0.502	0.465	0.456	0.473	3.9
3+4-Methylphenols			1.246	1.383	1.334	1.341	1.350	4.5
n-Nitroso-di-n-propylamine	0.815	0.862	0.854	0.938	0.865	0.871	0.874	4.3
Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.301	6.8
Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.466	3.0
Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.306	5.1
Isophorone		0.525	0.534	0.587	0.558	0.571	0.562	4.7
2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.128	23.5
2,4-Dimethylphenol		0.199	0.195	0.218	0.208	0.213	0.210	4.8
bis(2-Chloroethoxy)methane		0.378	0.371	0.401	0.374	0.379	0.382	3.2
2,4-Dichlorophenol		0.242	0.263	0.298	0.299	0.304	0.291	9.5
Naphthalene		1.057	1.030	1.081	1.011	1.005	1.030	3.5
4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.384	4.6
Hexachlorobutadiene		0.187	0.180	0.188	0.182	0.184	0.185	2.3
Caprolactam			0.087	0.101	0.101	0.098	0.099	7.2
4-Chloro-3-methylphenol		0.259	0.279	0.321	0.309	0.309	0.304	8.3
2-Methylnaphthalene		0.724	0.711	0.766	0.718	0.715	0.727	3.0
Hexachlorocyclopentadiene			0.120	0.135	0.149	0.162	0.150	13.1
2,4,6-Trichlorophenol		0.271	0.295	0.355	0.370	0.368	0.348	13.5
2-Fluorobiphenyl		1.338	1.310	1.361	1.279	1.260	1.291	4.7
2,4,5-Trichlorophenol		0.326	0.349	0.406	0.411	0.412	0.394	10.4
1,1-Biphenyl		1.482	1.436	1.510	1.454	1.435	1.455	3.0
2-Chloronaphthalene		1.097	1.089	1.141	1.091	1.069	1.094	2.8
2-Nitroaniline		0.157	0.185	0.235	0.259	0.259	0.237	20.5
Dimethylphthalate		1.364	1.376	1.469	1.408	1.365	1.400	4.0
Acenaphthylene		1.582	1.622	1.771	1.701	1.660	1.674	4.4

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.199	0.238	0.281	0.295	0.291	0.273	14.6
3-Nitroaniline		0.204	0.248	0.297	0.321	0.310	0.293	16.8
Acenaphthene		1.085	1.074	1.142	1.066	1.047	1.079	3.6
2,4-Dinitrophenol			0.077	0.098	0.117	0.120	0.114	20.5
4-Nitrophenol			0.212	0.260	0.285	0.274	0.270	11.7
Dibenzofuran		1.829	1.814	1.866	1.768	1.720	1.781	4.1
2,4-Dinitrotoluene		0.231	0.285	0.364	0.392	0.387	0.356	20.1
Diethylphthalate		1.368	1.376	1.468	1.429	1.366	1.406	3.6
4-Chlorophenyl-phenylether		0.711	0.687	0.710	0.679	0.659	0.682	4.5
Fluorene		1.382	1.384	1.467	1.393	1.335	1.377	4.3
4-Nitroaniline		0.221	0.267	0.321	0.342	0.319	0.307	15.3
4,6-Dinitro-2-methylphenol			0.054	0.069	0.081	0.089	0.082	21.3
n-Nitrosodiphenylamine		0.557	0.548	0.597	0.573	0.574	0.572	3.1
2,4,6-Tribromophenol		0.194	0.214	0.240	0.246	0.244	0.236	10.2
4-Bromophenyl-phenylether		0.191	0.190	0.213	0.205	0.208	0.205	5.1
Hexachlorobenzene		0.255	0.240	0.255	0.247	0.248	0.250	2.3
Atrazine		0.155	0.167	0.183	0.172	0.171	0.168	6.1
Pentachlorophenol			0.131	0.163	0.172	0.178	0.169	12.0
Phenanthrene		1.102	1.084	1.104	1.068	1.030	1.069	3.3
Anthracene		0.998	0.996	1.092	1.036	1.021	1.025	4.1
Carbazole		0.954	0.994	1.057	1.029	0.990	1.002	3.5
Di-n-butylphthalate		0.929	0.994	1.147	1.187	1.177	1.116	9.9
Fluoranthene		1.170	1.222	1.330	1.290	1.249	1.249	4.2
Pyrene		1.177	1.184	1.288	1.231	1.251	1.239	3.8
Terphenyl-d14		0.943	0.919	0.978	0.914	0.915	0.910	7.5
Butylbenzylphthalate		0.228	0.276	0.377	0.440	0.471	0.402	28.0
3,3-Dichlorobenzidine			0.249	0.340	0.390	0.399	0.365	17.0
Benzo(a)anthracene		1.146	1.175	1.293	1.217	1.207	1.212	4.1
Chrysene		1.169	1.147	1.223	1.159	1.157	1.166	2.9
Bis(2-ethylhexyl)phthalate		0.460	0.520	0.646	0.703	0.737	0.650	17.9
Di-n-octyl phthalate			0.609	0.876	1.094	1.206	1.054	25.0
Benzo(b)fluoranthene		1.029	1.063	1.215	1.201	1.188	1.164	7.4
Benzo(k)fluoranthene		1.070	1.129	1.249	1.153	1.157	1.158	5.1
Benzo(a)pyrene		0.817	0.868	1.035	1.033	1.035	0.991	10.7
Indeno(1,2,3-cd)pyrene		1.003	1.101	1.318	1.331	1.366	1.274	12.4

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.840	0.921	1.098	1.097	1.126	1.053	11.7
Benzo(g,h,i)perylene		0.915	0.967	1.126	1.127	1.142	1.088	9.6
1,2,4,5-Tetrachlorobenzene		0.554	0.549	0.584	0.580	0.578	0.575	3.6
1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.439	5.0
2,3,4,6-Tetrachlorophenol		0.305	0.318	0.370	0.370	0.363	0.357	9.3

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

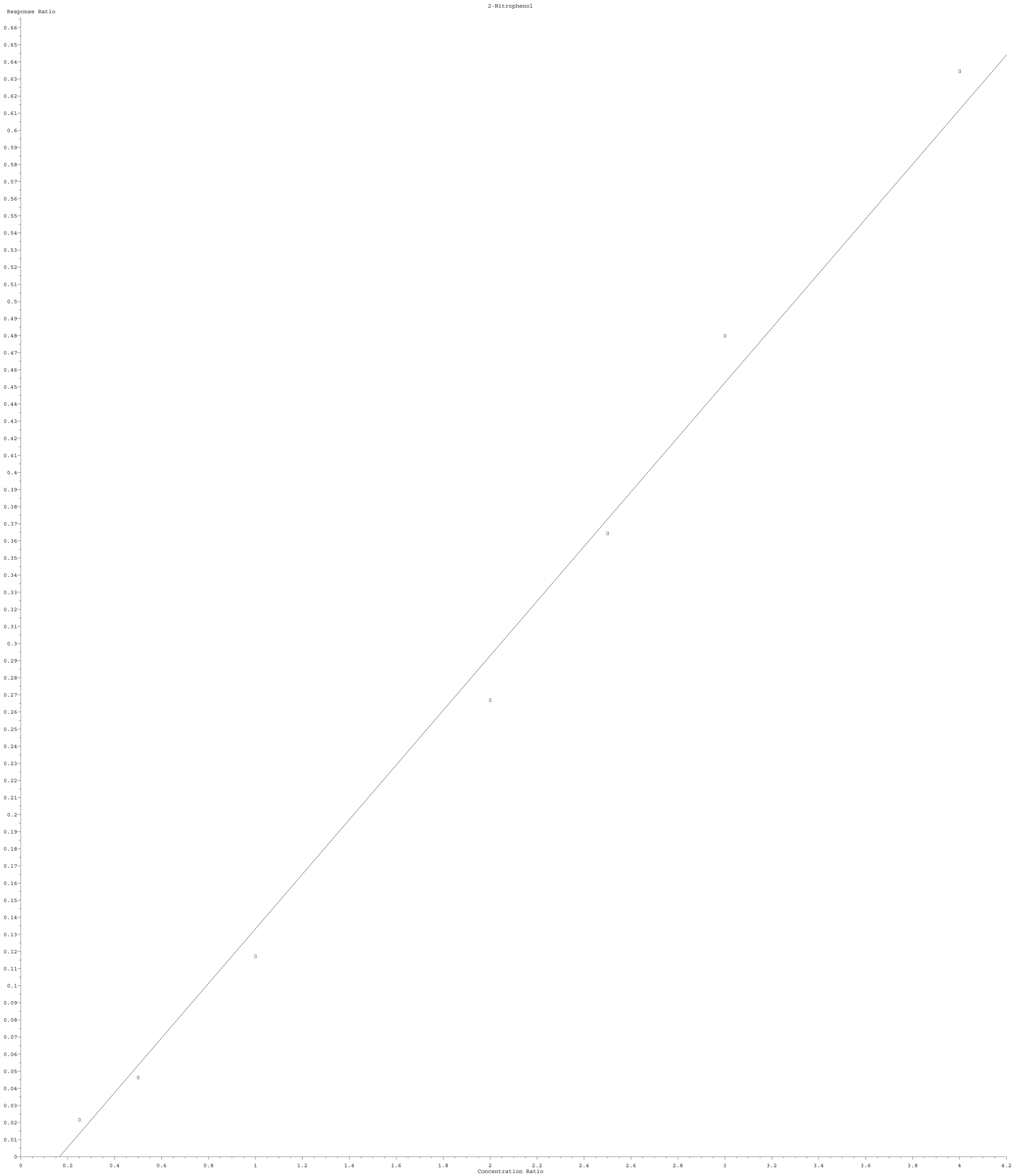
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

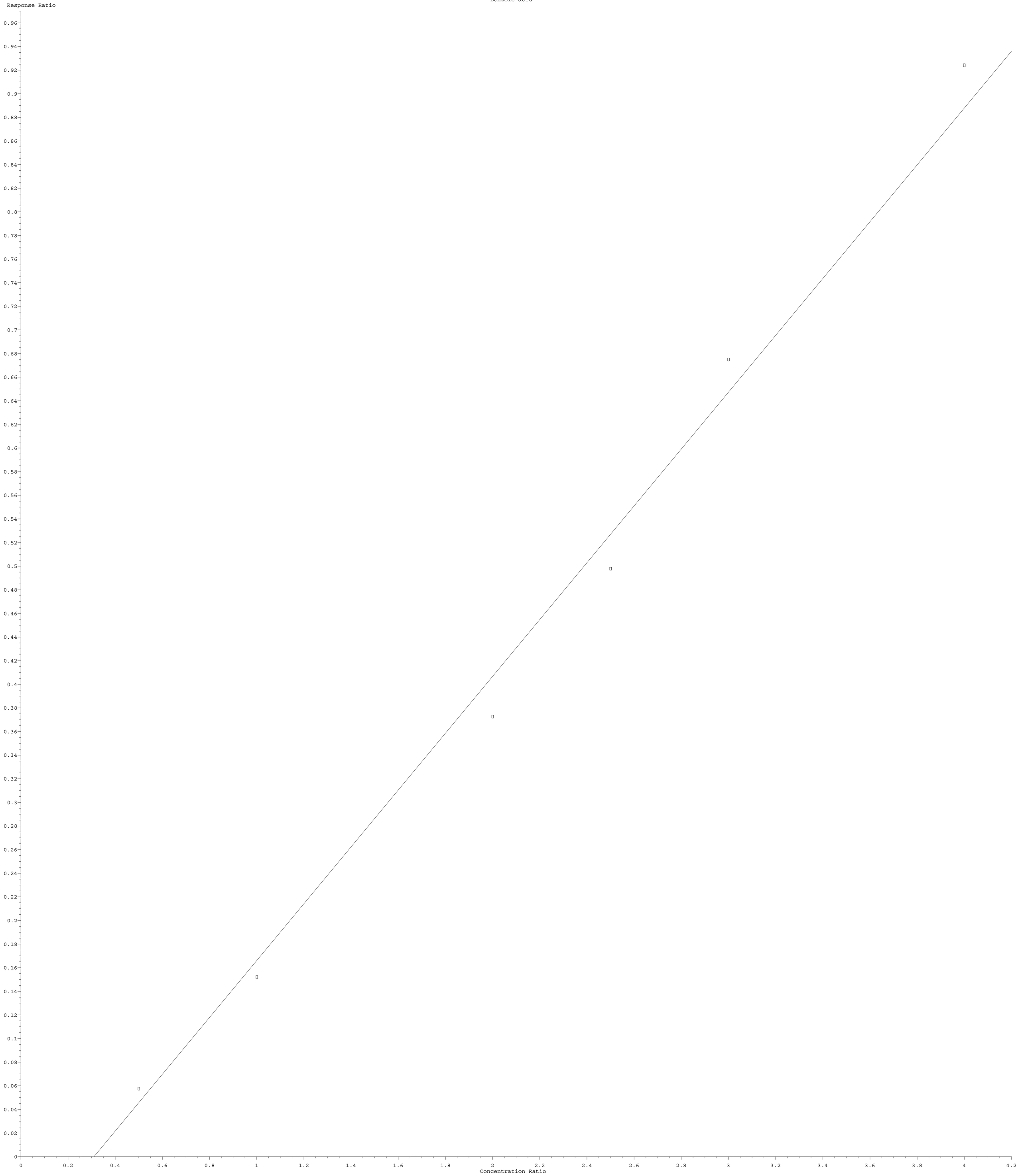
86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

(#) = Out of Range

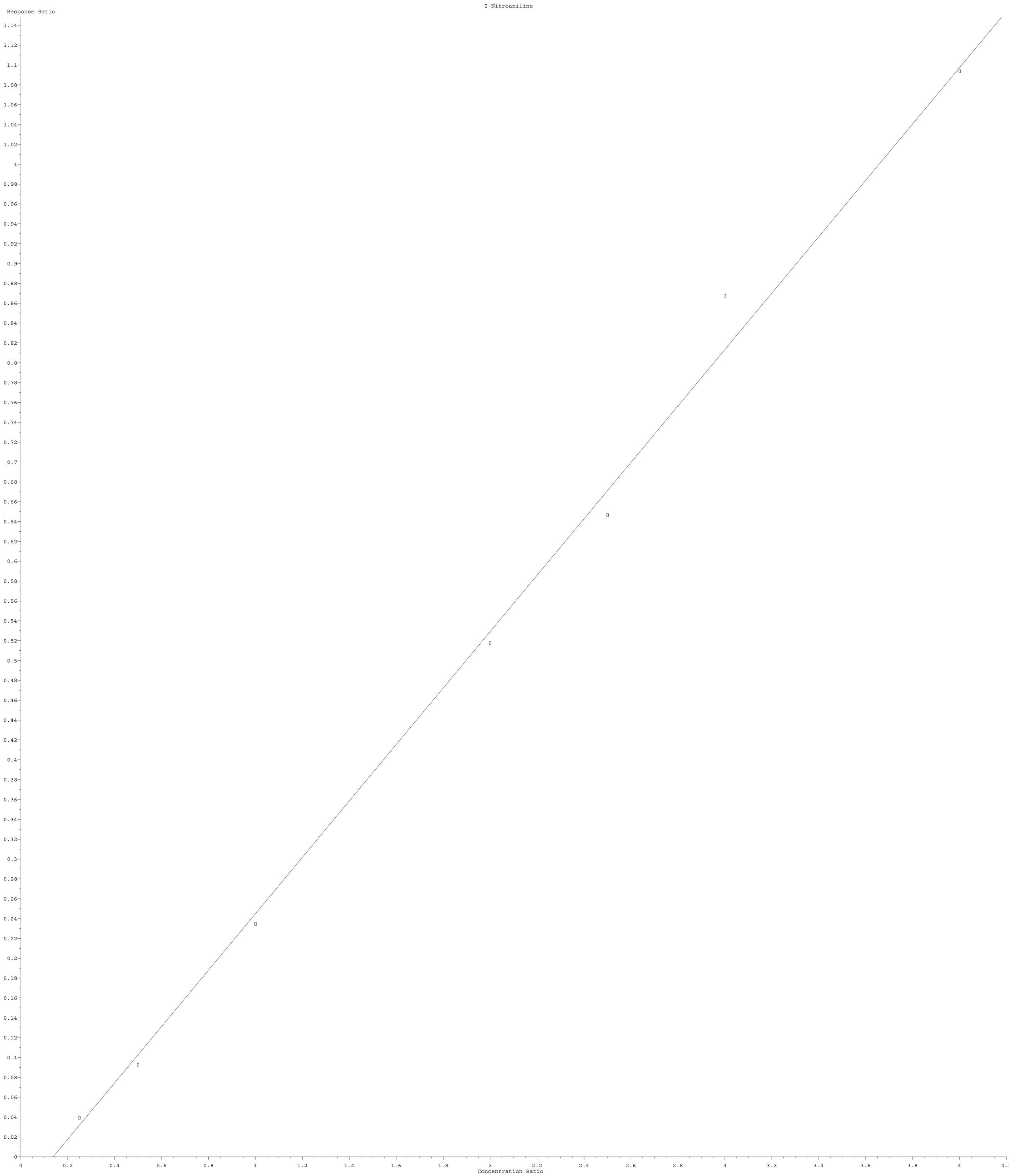


Response = 1.596e-001 * Amt - 2.635e-002
Coef of Det (r^2) = 0.992912 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

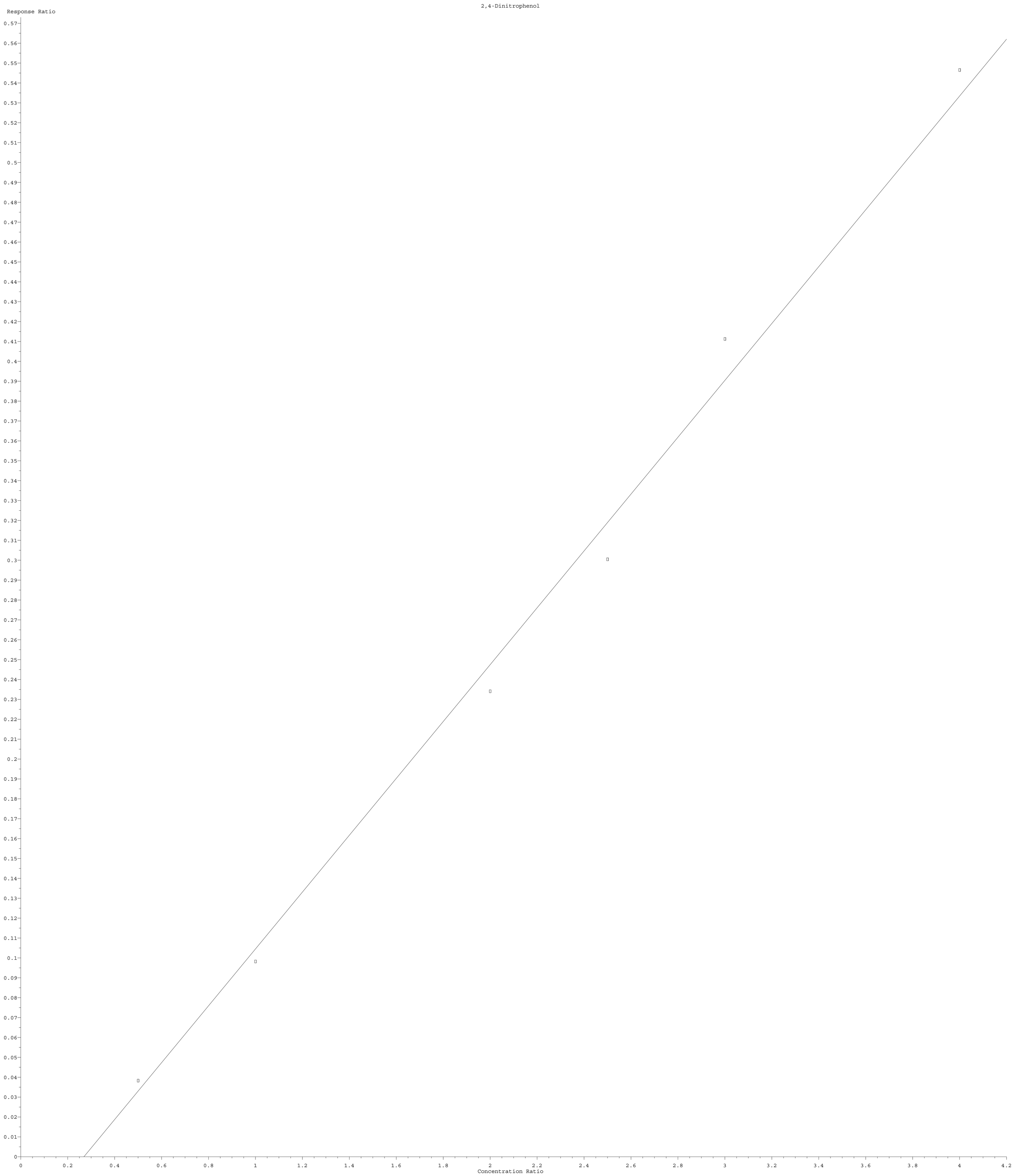
Benzoic acid



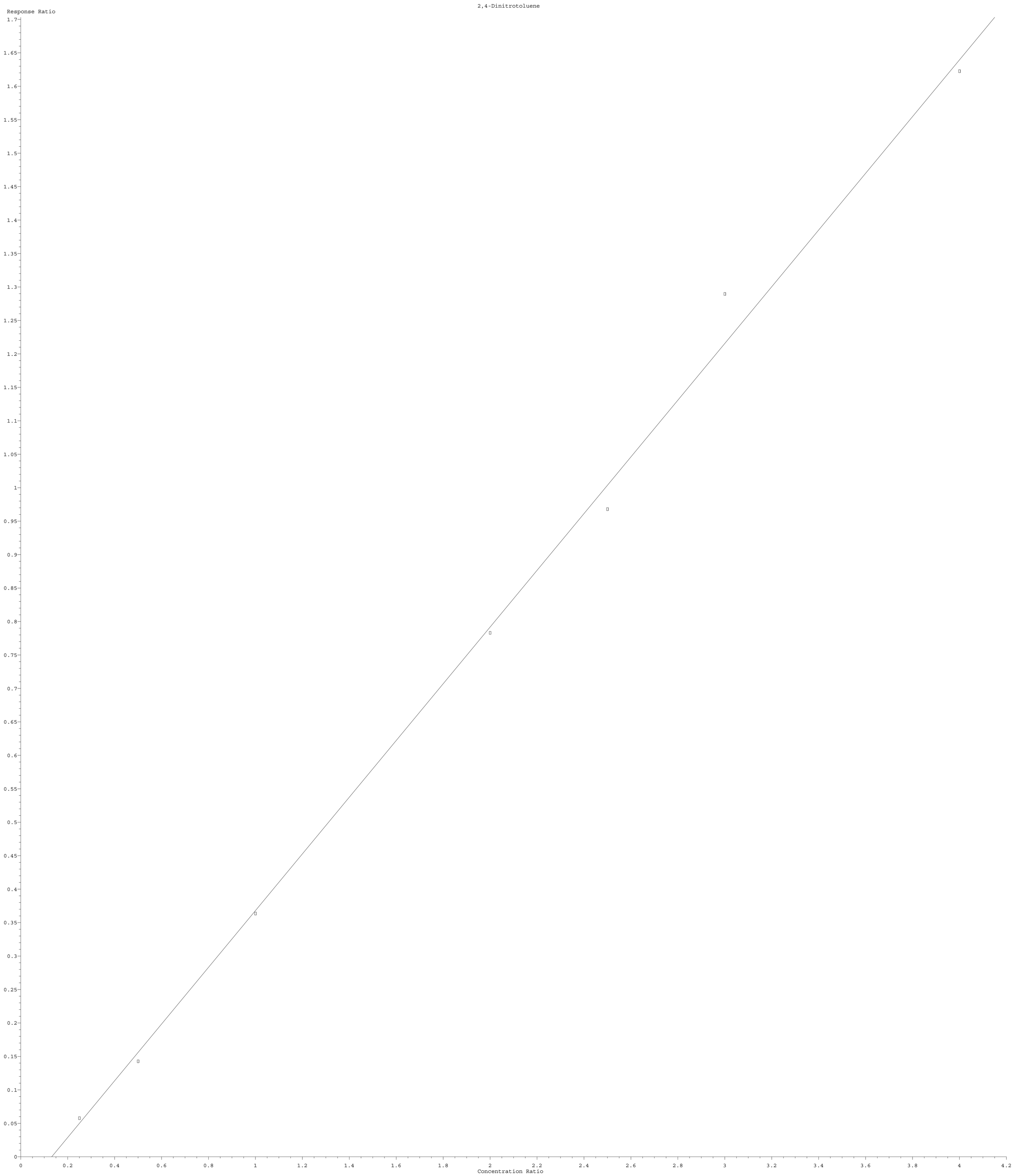
Response = 2.405e-001 * Amt - 7.461e-002
Coef of Det (r^2) = 0.993174 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



Response = 2.843e-001 * Amt - 3.930e-002
Coef of Det (r^2) = 0.996989 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

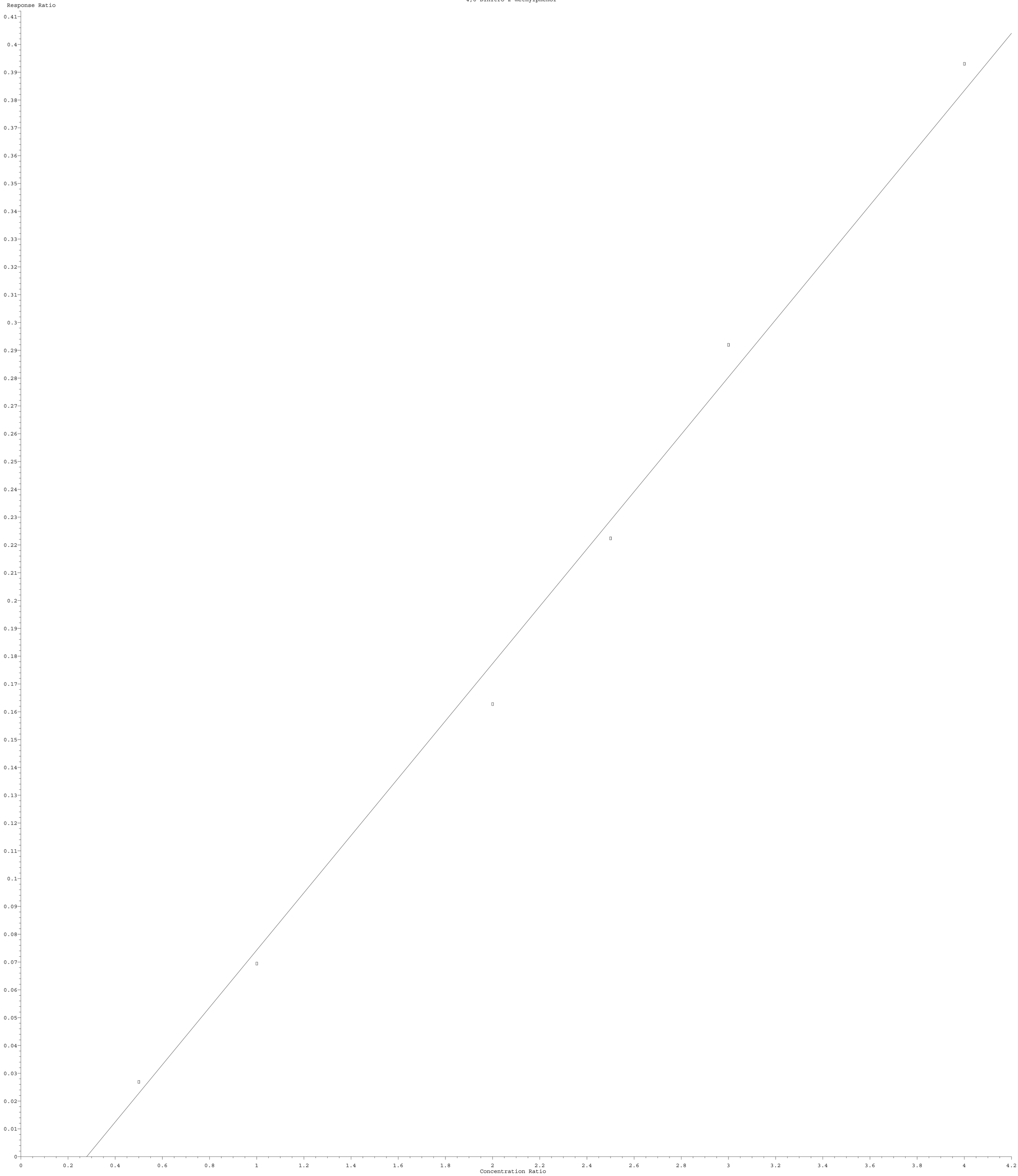


Response = 1.431e-001 * Amt - 3.852e-002
Coef of Det (r^2) = 0.995026 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



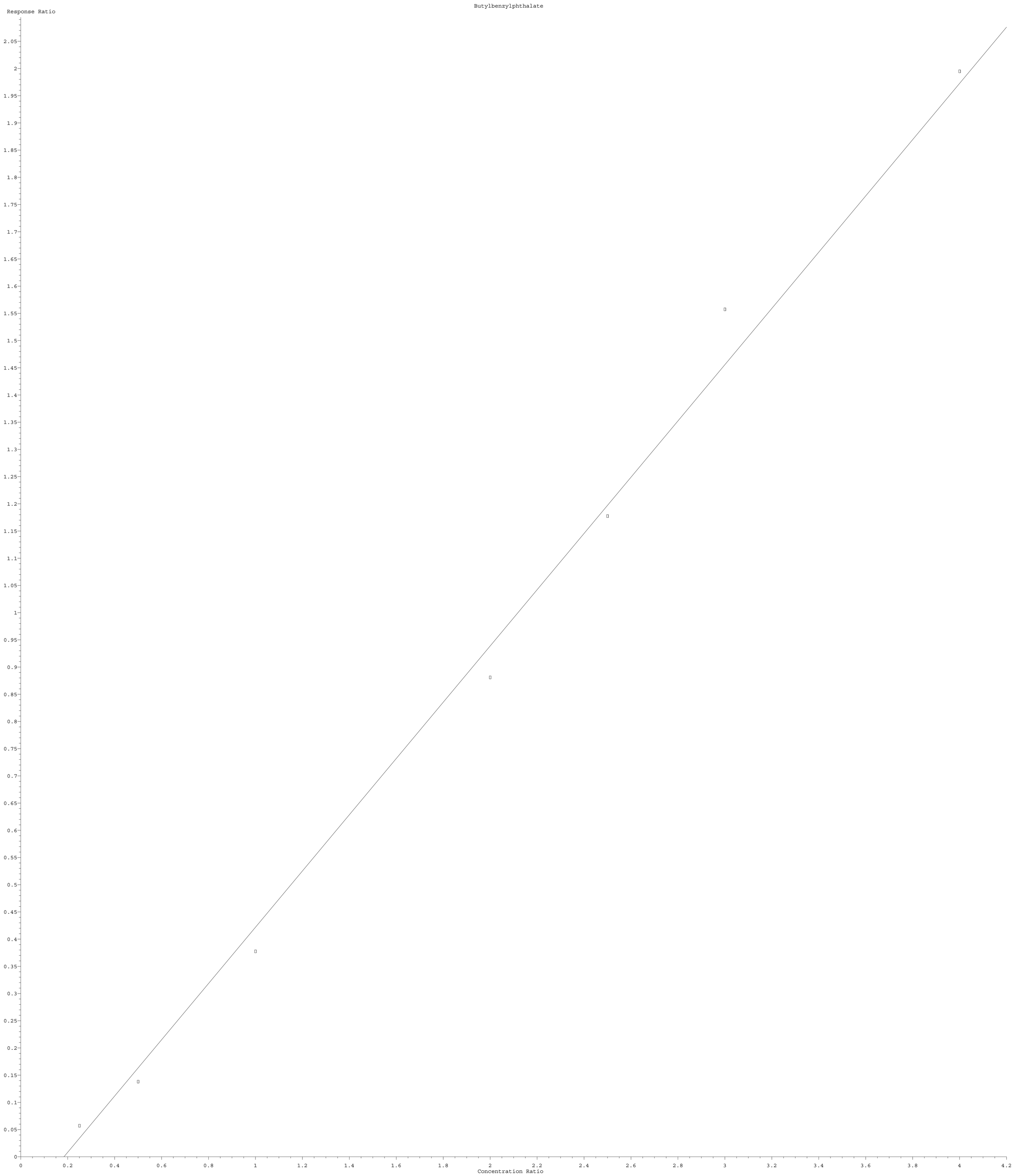
Response = 4.240e-001 * Amt - 5.591e-002
Coef of Det (r^2) = 0.997730 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

4,6-Dinitro-2-methylphenol

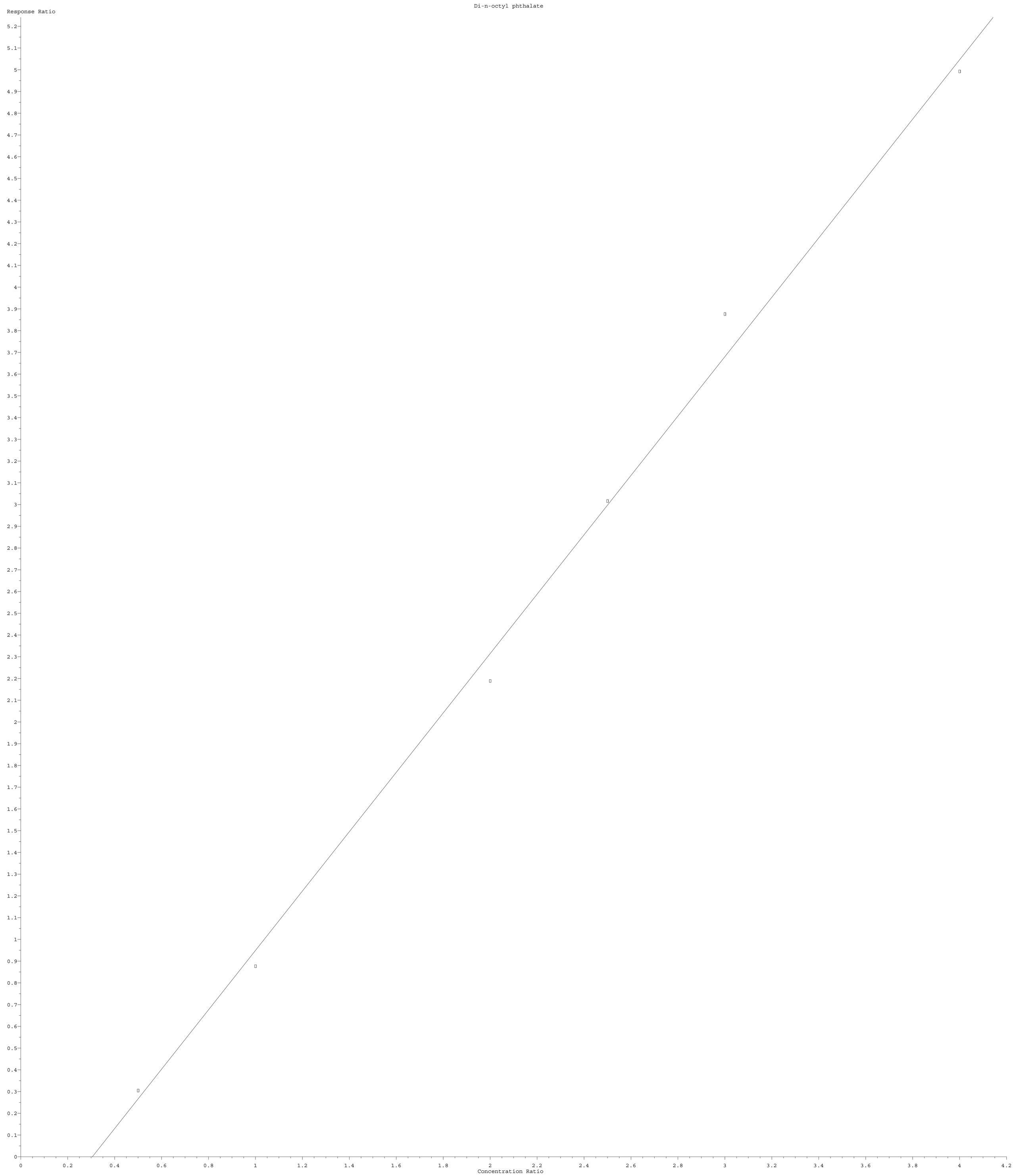


Response = 1.030e-001 * Amt - 2.873e-002
Coef of Det (r^2) = 0.995315 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

Butylbenzylphthalate



Response = 5.169e-001 * Amt - 9.516e-002
Coef of Det (r^2) = 0.994647 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



Response = 1.366e+000 * Amt - 4.164e-001
Coef of Det (r^2) = 0.996792 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	360375	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1444138	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	947160	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1996879	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2099311	20.000	ng	0.00
86) Perylene-d12	24.465	264	2125718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.231	70	36693	2.331	ng	91

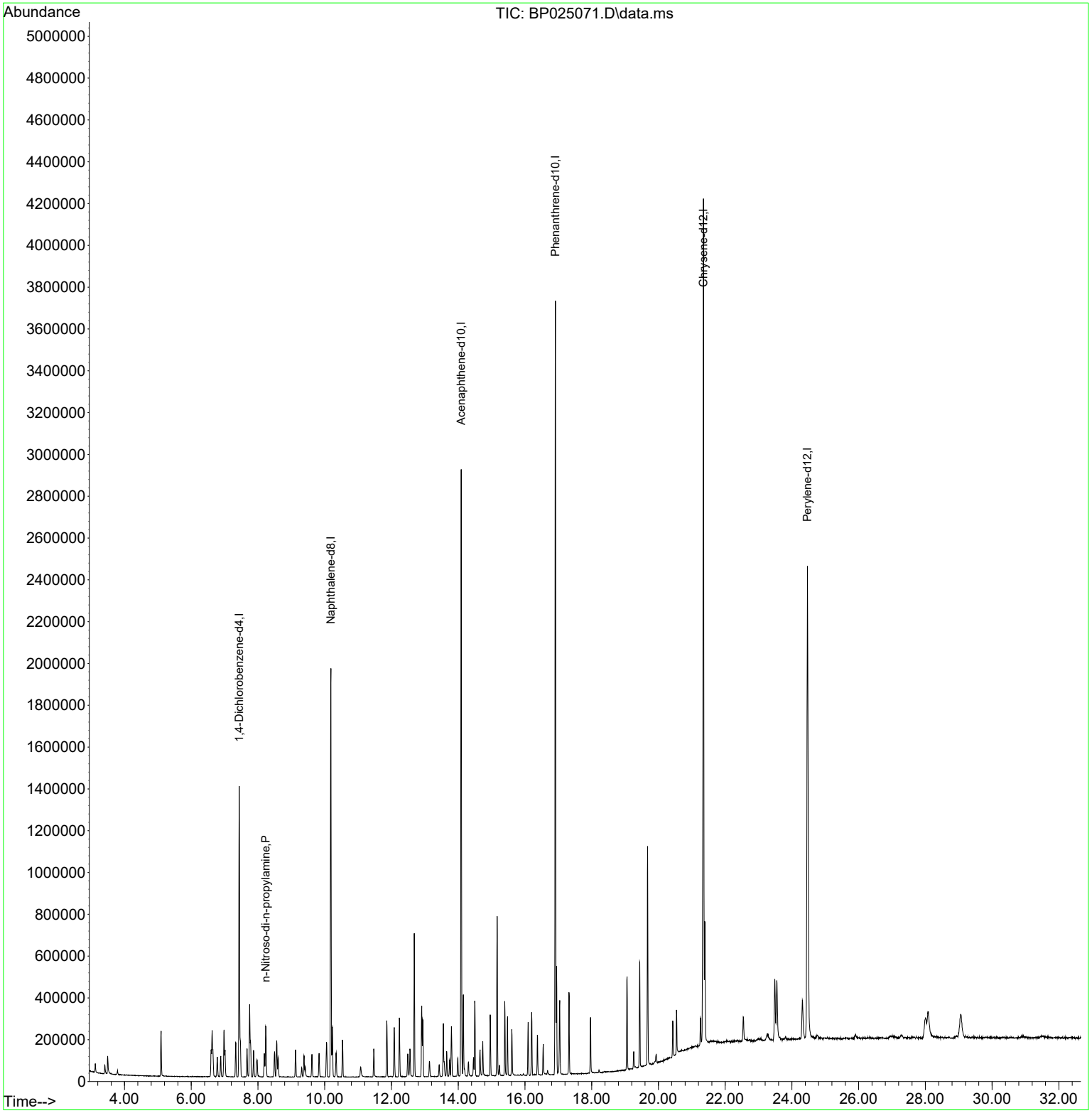
(#) = qualifier out of range (m) = manual integration (+) = signals summed

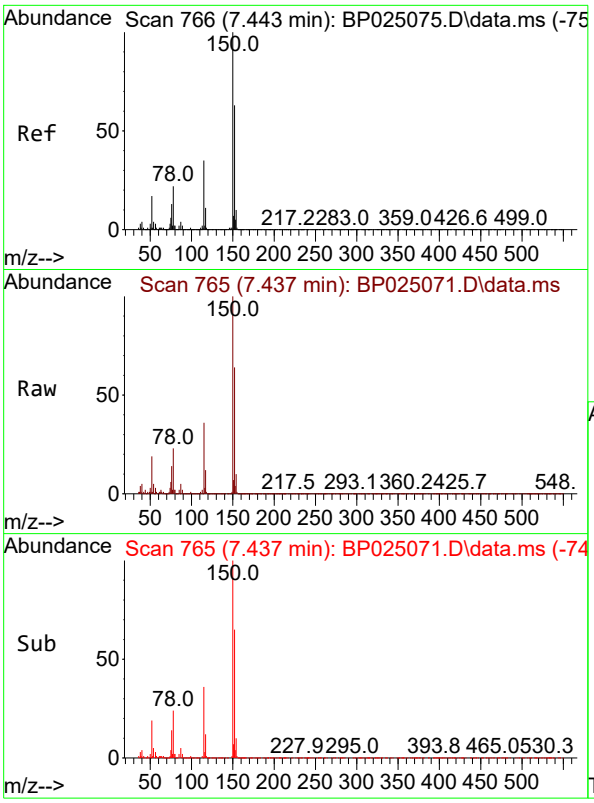
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



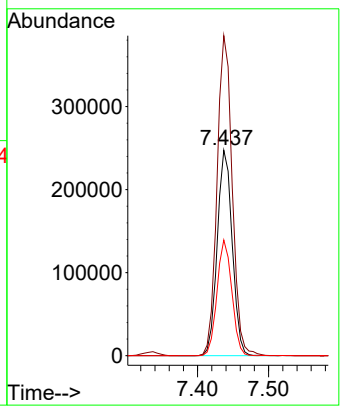


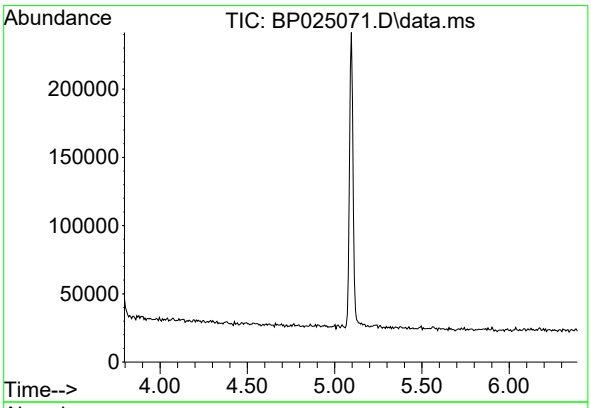
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 360375

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5



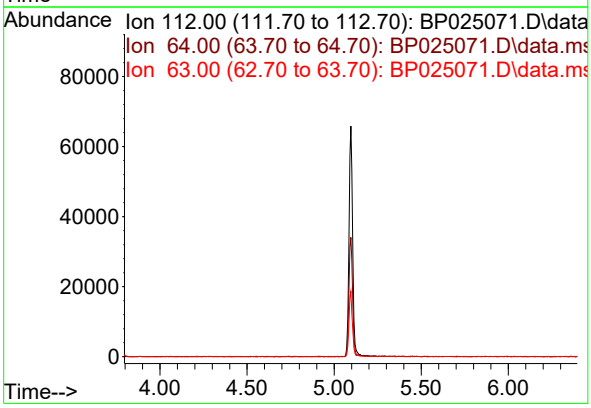


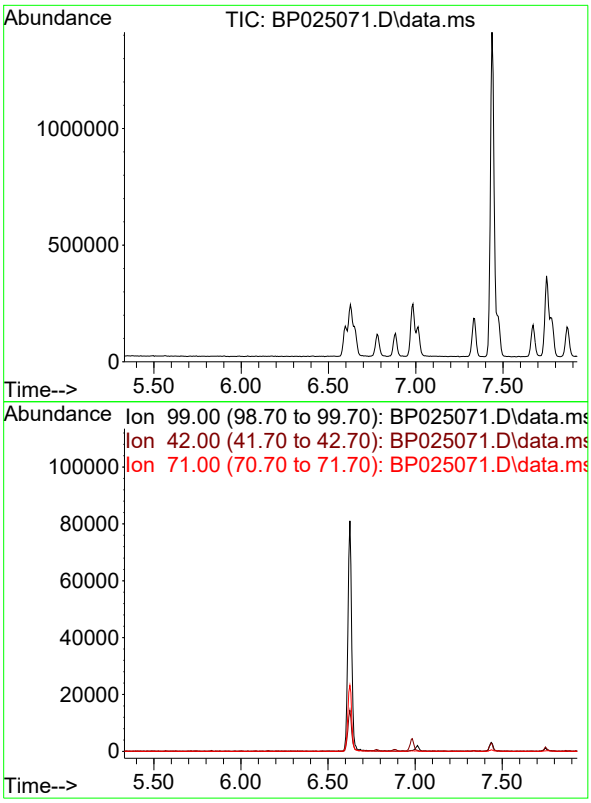
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.5
63	27.7





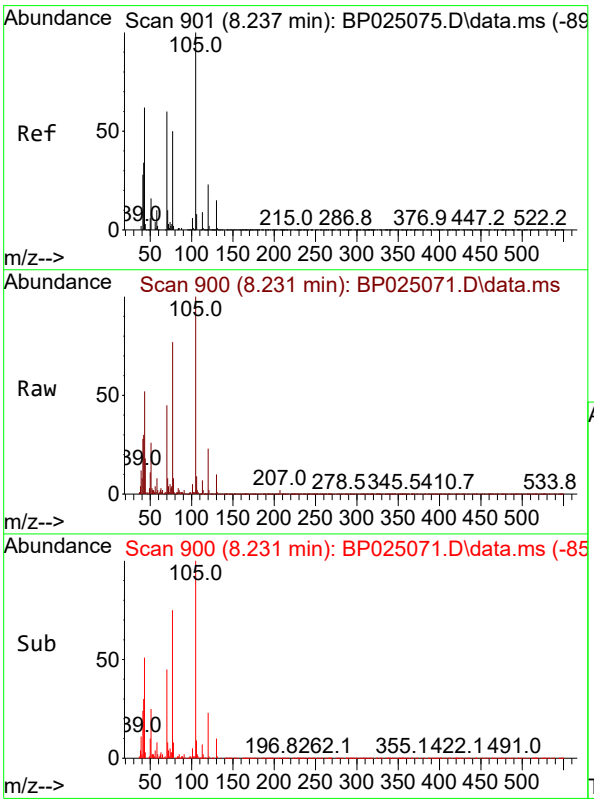
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.63 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

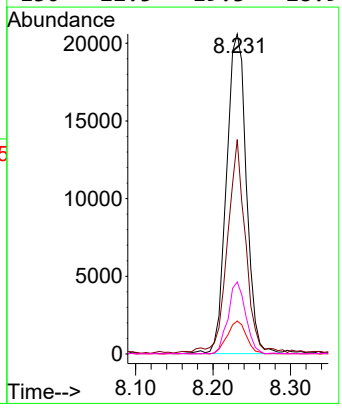
Sig	Exp Ratio
99	100
42	17.0
71	30.5

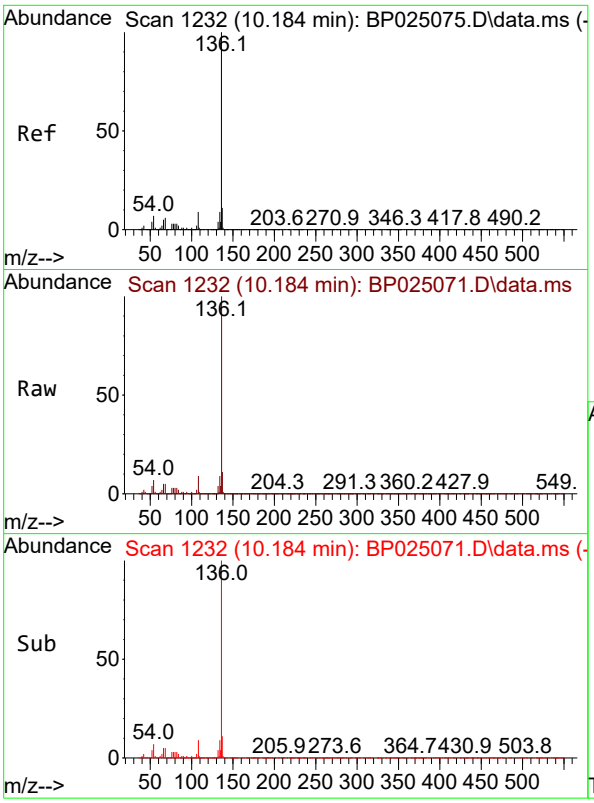


#19
n-Nitroso-di-n-propylamine
Concen: 2.331 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 70 Resp: 36693

Ion	Ratio	Lower	Upper
70	100		
42	67.0	46.5	69.7
101	10.3	7.9	11.9
130	22.5	19.3	28.9



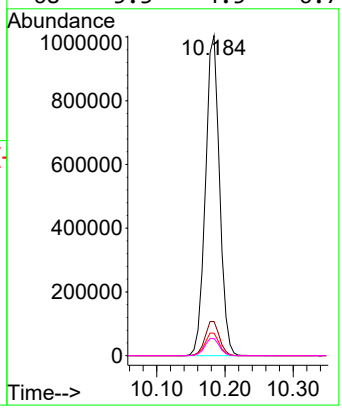


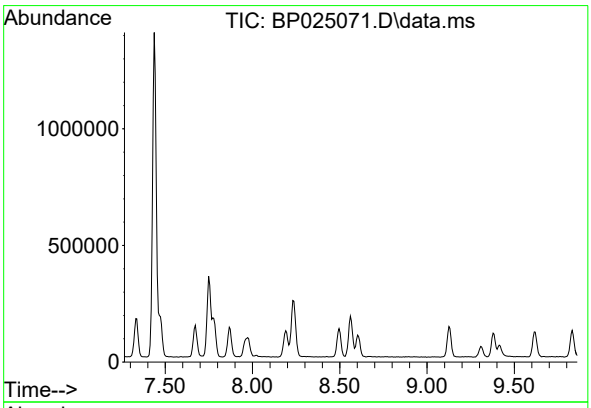
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1444138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	5.3	4.5	6.7



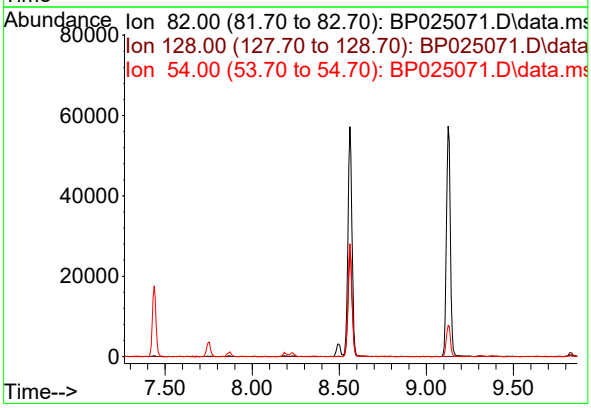


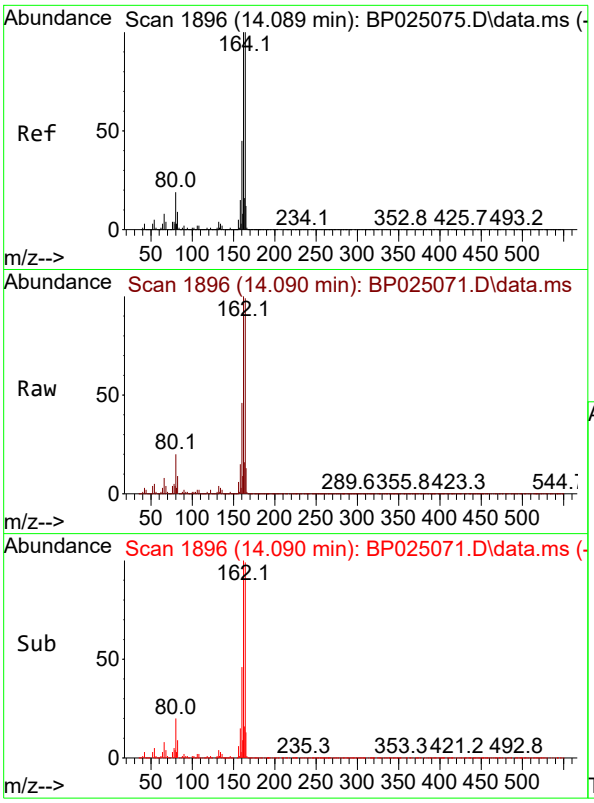
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.0
54	47.2



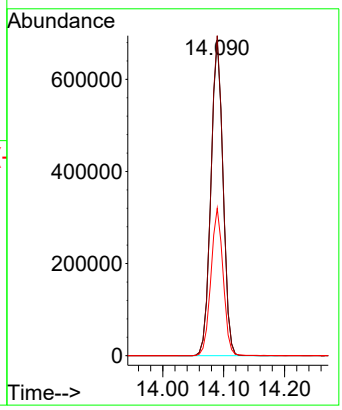


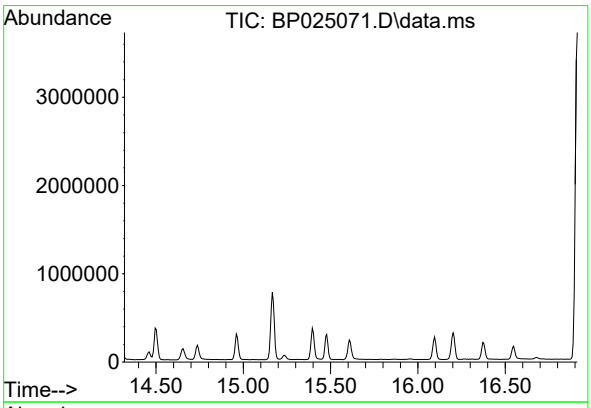
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 947160

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	46.7	35.9	53.9



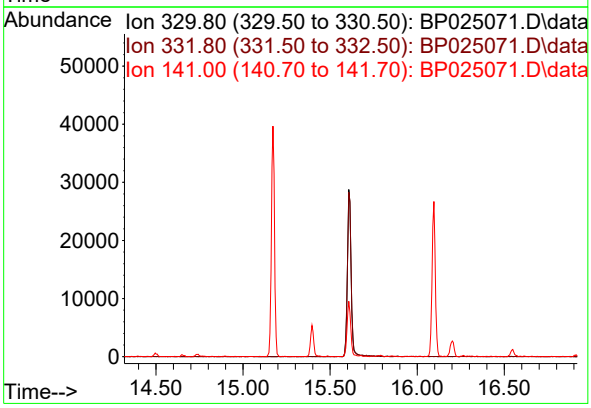


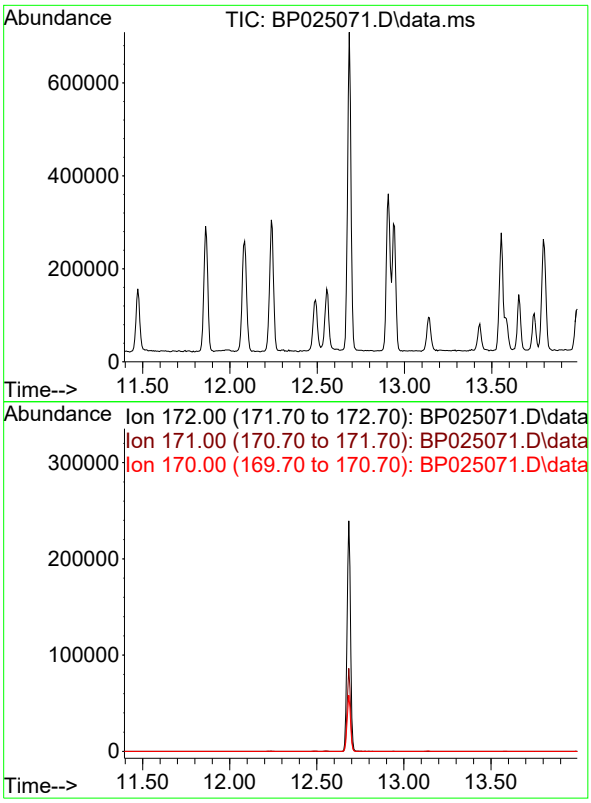
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	32.5





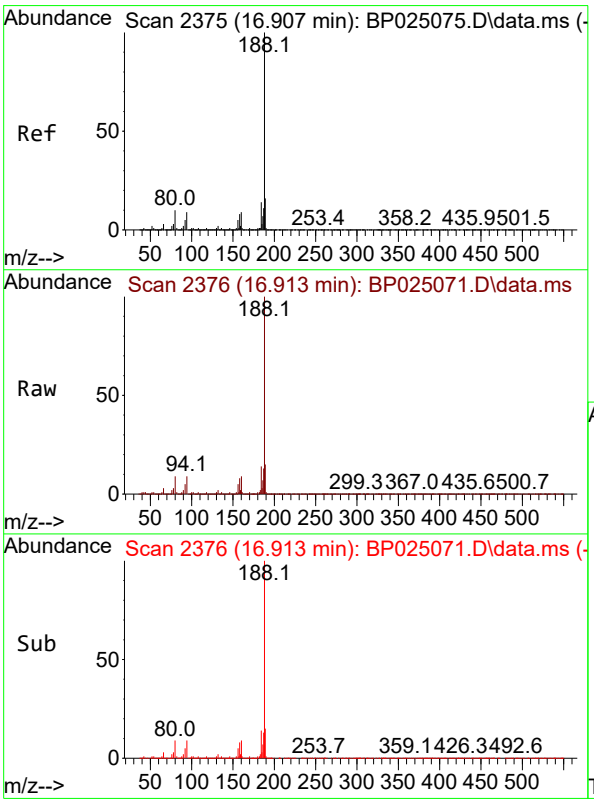
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.70 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

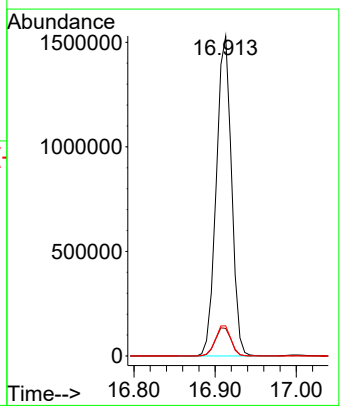
Sig	Exp Ratio
172	100
171	35.2
170	23.4

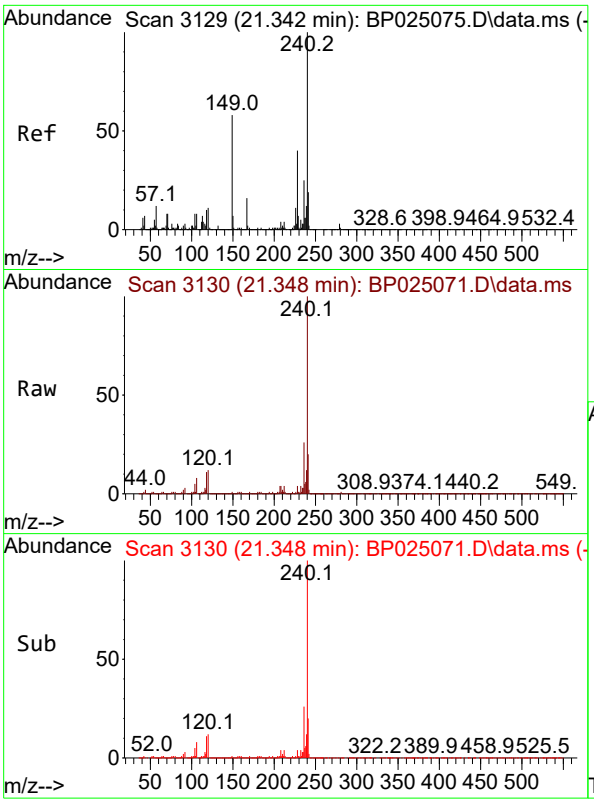


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion:188 Resp: 1996879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.4	7.8	11.6



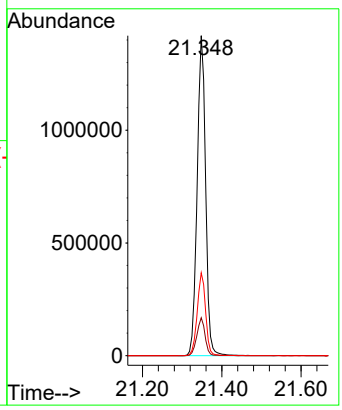


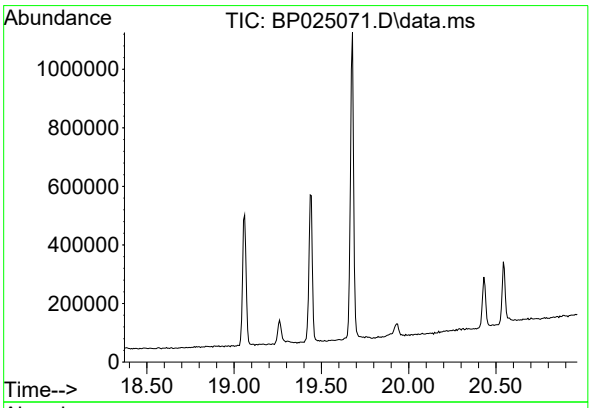
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2099311

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.9	20.3	30.5



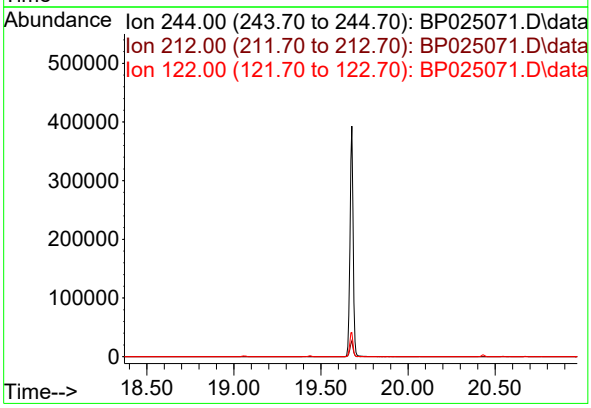


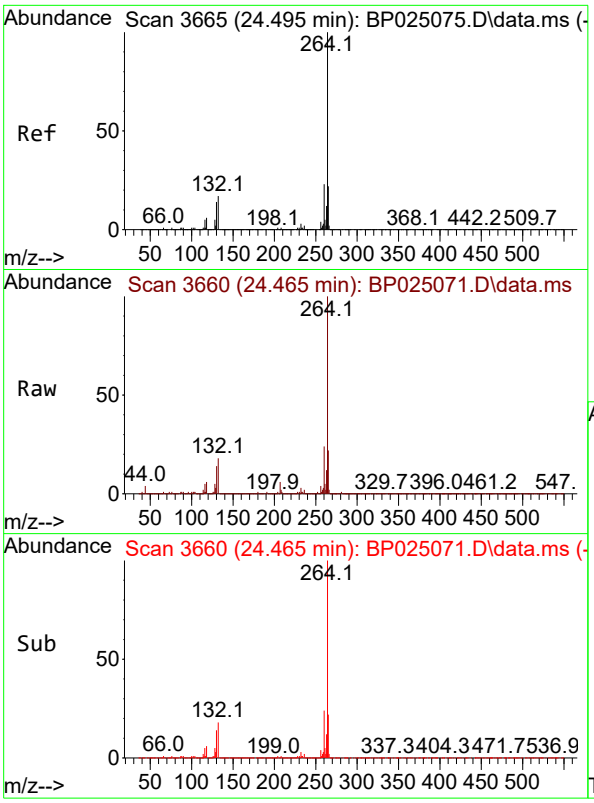
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.67 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	11.8



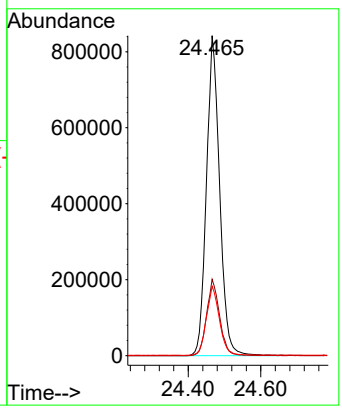


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2125718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	354349	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1455964	20.000	ng		0.00
39) Acenaphthene-d10	14.095	164	982759	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	1998531	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2143770	20.000	ng		0.00
86) Perylene-d12	24.495	264	2178150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	189521	9.477	ng		0.00
7) Phenol-d6	6.631	99	252937	9.692	ng		0.00
23) Nitrobenzene-d5	8.566	82	194218	8.871	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	95353	8.213	ng		0.00
45) 2-Fluorobiphenyl	12.695	172	657518	10.365	ng		0.00
79) Terphenyl-d14	19.683	244	1010825	10.363	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	41667	5.358	ng		98
3) Pyridine	3.496	79	104170	4.896	ng		97
6) Aniline	6.784	93	118174	4.846	ng		99
8) 2-Chlorophenol	7.019	128	111121	4.966	ng		99
10) Phenol	6.655	94	130527	4.922	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	105128	5.151	ng		98
12) 1,3-Dichlorobenzene	7.337	146	129394	5.167	ng		98
13) 1,4-Dichlorobenzene	7.478	146	132919	5.242	ng		99
14) 1,2-Dichlorobenzene	7.784	146	128817	5.282	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.978	45	140624	5.299	ng		97
17) 2-Methylphenol	7.878	107	78577	4.600	ng		96
18) Hexachloroethane	8.501	117	42157	5.104	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	76382	4.935	ng		96
22) Acetophenone	8.243	105	174562	5.070	ng	#	98
24) Nitrobenzene	8.607	77	102014	4.575	ng		97
25) Isophorone	9.137	82	190993	4.668	ng		98
26) 2-Nitrophenol	9.319	139	31408	6.004	ng		98
27) 2,4-Dimethylphenol	9.384	122	72542	4.753	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	137622	4.954	ng		97
29) 2,4-Dichlorophenol	9.837	162	88262	4.171	ng		98
30) 1,2,4-Trichlorobenzene	10.060	180	116080	4.953	ng		94
31) Naphthalene	10.237	128	384889	5.134	ng		100
33) 4-Chloroaniline	10.348	127	130394	4.661	ng		99
34) Hexachlorobutadiene	10.543	225	67982	5.055	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	94437	4.270	ng		98
37) 2-Methylnaphthalene	11.866	142	263643	4.984	ng		100
38) 1-Methylnaphthalene	12.090	142	257270	4.987	ng		98
40) 1,2,4,5-Tetrachloroben...	12.242	216	136193	4.822	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	66524	3.890	ng		96
44) 2,4,5-Trichlorophenol	12.560	196	80137	4.135	ng		96
46) 1,1'-Biphenyl	12.907	154	364077	5.092	ng		99
47) 2-Chloronaphthalene	12.942	162	269579	5.016	ng		97
48) 2-Nitroaniline	13.142	65	38515	5.521	ng		94
49) Acenaphthylene	13.807	152	388781	4.726	ng		100
50) Dimethylphthalate	13.554	163	335065	4.871	ng		99
51) 2,6-Dinitrotoluene	13.654	165	48991	3.651	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.166	154	266690m	5.030	ng		
53) 3-Nitroaniline	13.984	138	50202	3.491	ng	#	87
55) Dibenzofuran	14.507	168	449302	5.135	ng		100
57) 2,4-Dinitrotoluene	14.466	165	56730	5.360	ng	#	97
58) Fluorene	15.166	166	339444	5.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	74947	4.270	ng		97
60) Diethylphthalate	14.960	149	336119	4.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	174567	5.212	ng		97
62) 4-Nitroaniline	15.172	138	54190	3.594	ng		90
63) Azobenzene	15.472	77	307304	4.995	ng		96
66) n-Nitrosodiphenylamine	15.389	169	278113	4.863	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	95310	4.658	ng		93
68) Hexachlorobenzene	16.195	284	127389	5.093	ng		94
69) Atrazine	16.389	200	77424	4.620	ng		99
71) Phenanthrene	16.948	178	550598	5.156	ng		99
72) Anthracene	17.054	178	498692	4.868	ng		99
73) Carbazole	17.330	167	476619	4.758	ng		99
74) Di-n-butylphthalate	17.966	149	464272	4.162	ng		99
75) Fluoranthene	19.054	202	584660	4.684	ng		99
78) Pyrene	19.430	202	630754	4.750	ng		98
80) Butylbenzylphthalate	20.442	149	122350	5.890	ng		93
81) Benzo(a)anthracene	21.330	228	614350	4.729	ng		99
83) Chrysene	21.395	228	626717	5.013	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	246749	3.541	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	546143m	3.935	ng		
88) Benzo(b)fluoranthene	23.507	252	560057	4.418	ng		98
89) Benzo(k)fluoranthene	23.571	252	582662	4.619	ng		99
90) Benzo(a)pyrene	24.354	252	444644	4.121	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	457436	3.988	ng		99
92) Benzo(g,h,i)perylene	29.112	276	498456	4.207	ng		98

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

ICAL Form

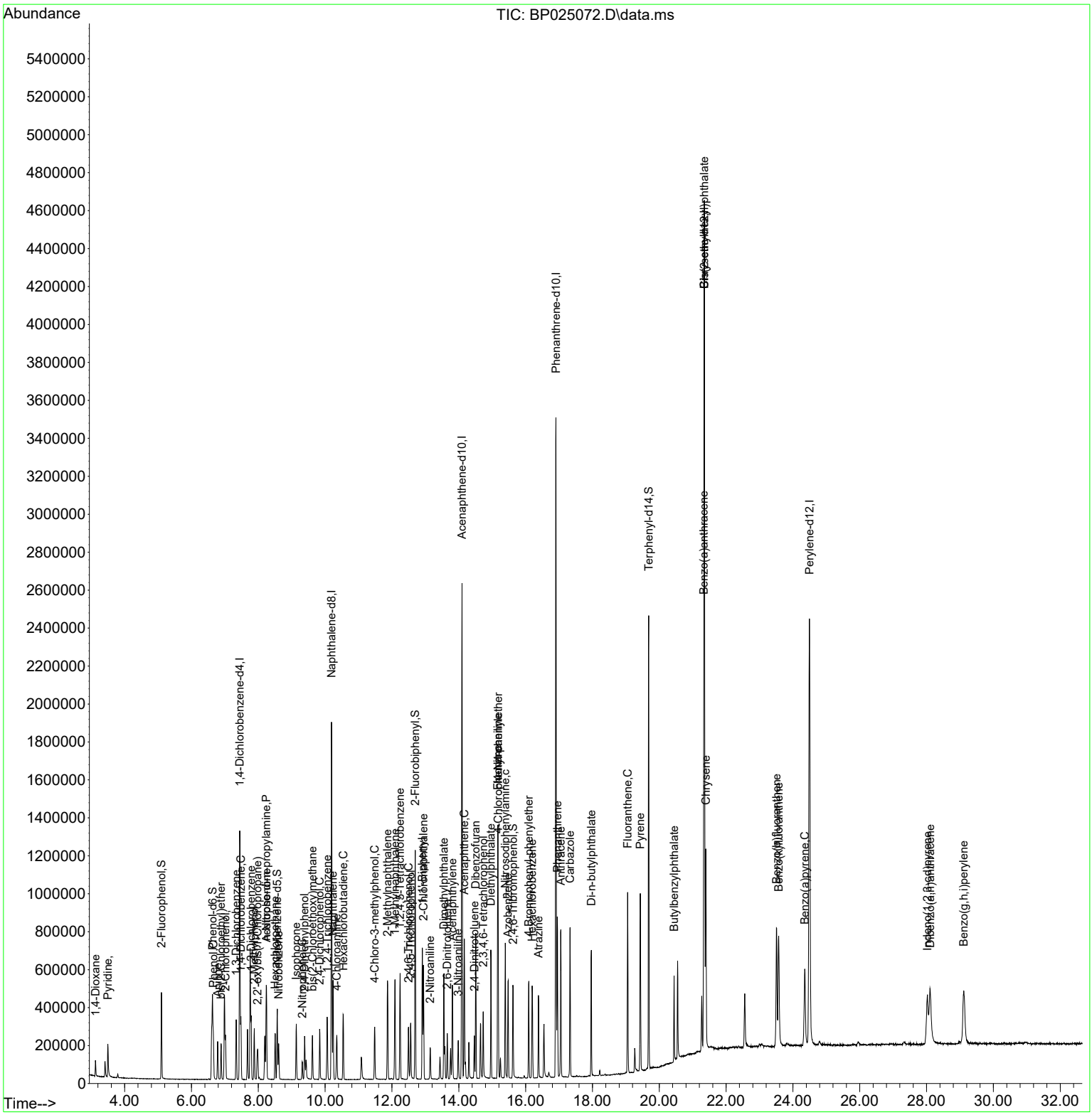
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

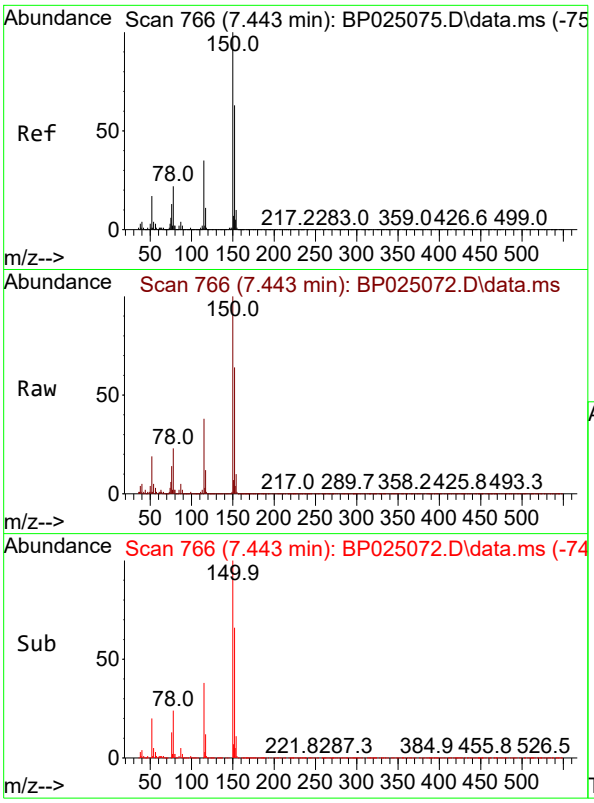
Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

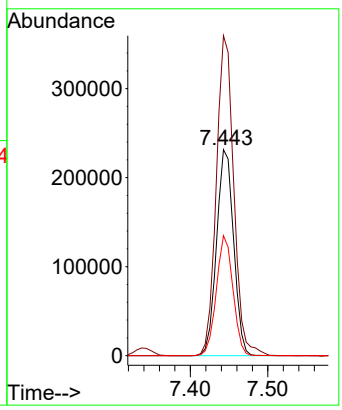




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 35434

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	58.2	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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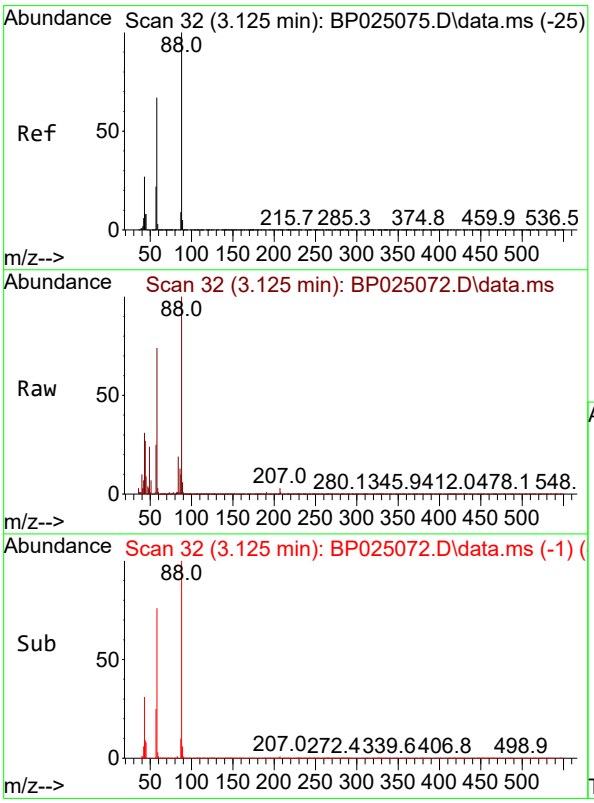
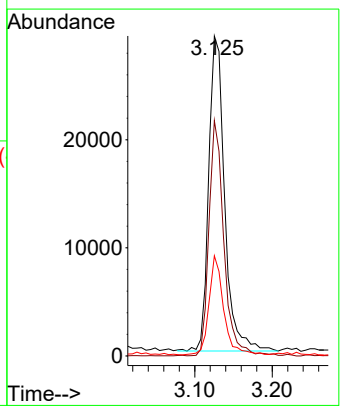
Supervised By :Jagrut Upadhyay 07/07/2025

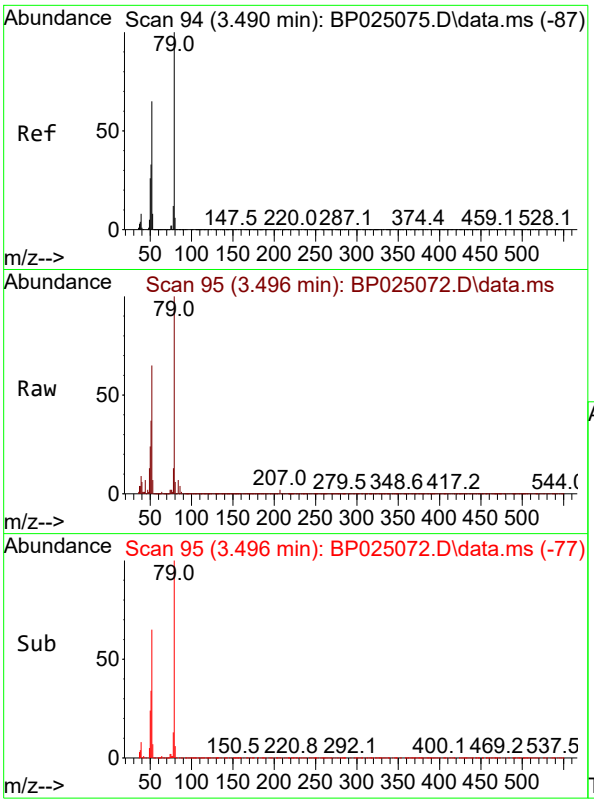


#2
1,4-Dioxane
Concen: 5.358 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 88 Resp: 41667

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.0	82.4
43	28.9	21.9	32.9

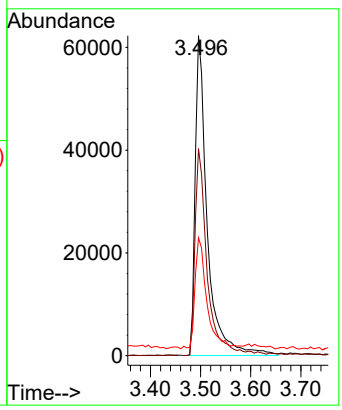




#3
Pyridine
Concen: 4.896 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 79 Resp: 10417

Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.2	78.4
51	36.8	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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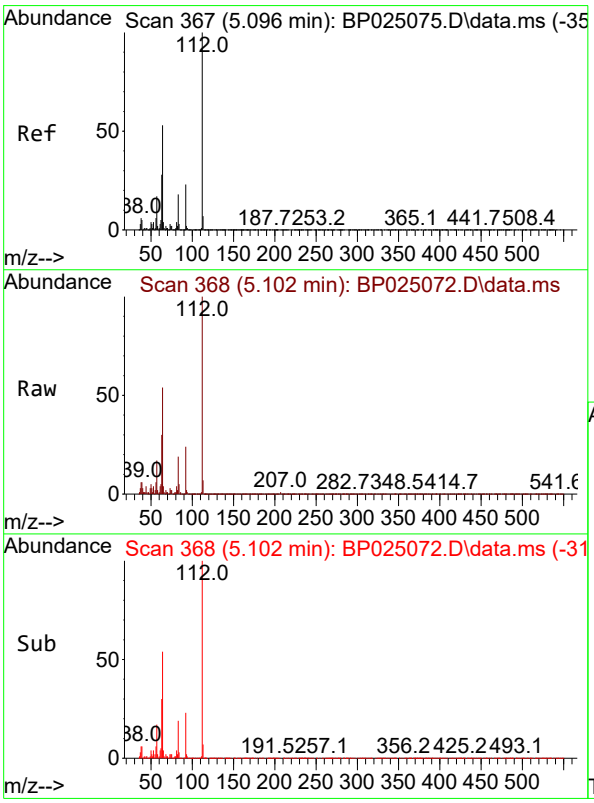
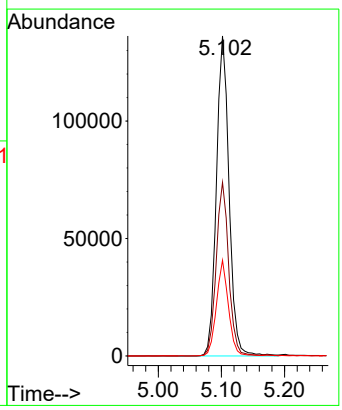
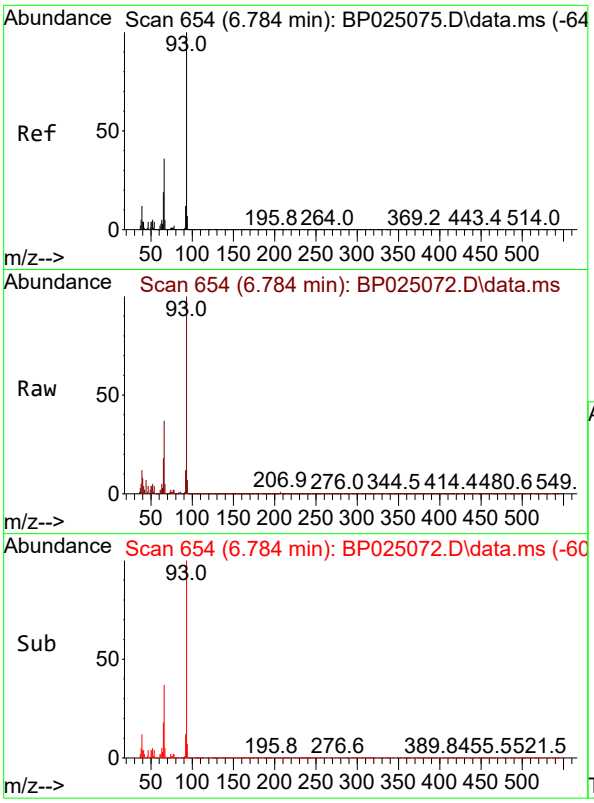


#5
2-Fluorophenol
Concen: 9.477 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:112 Resp: 189521

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.0	63.0
63	29.9	22.2	33.2

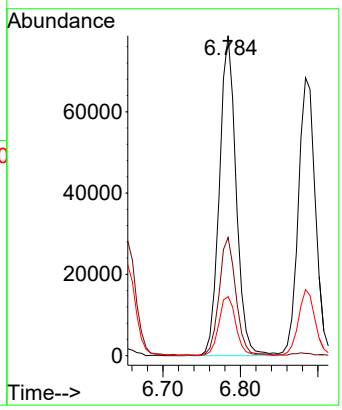




#6
Aniline
Concen: 4.846 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 11817

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.4	15.2	22.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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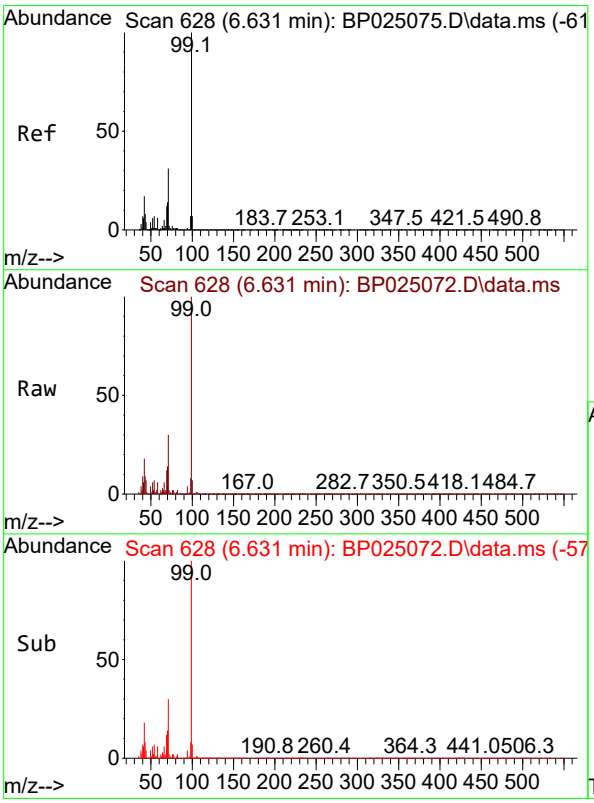
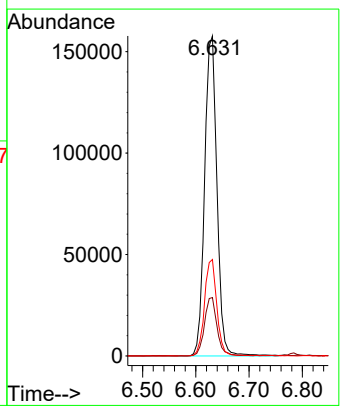
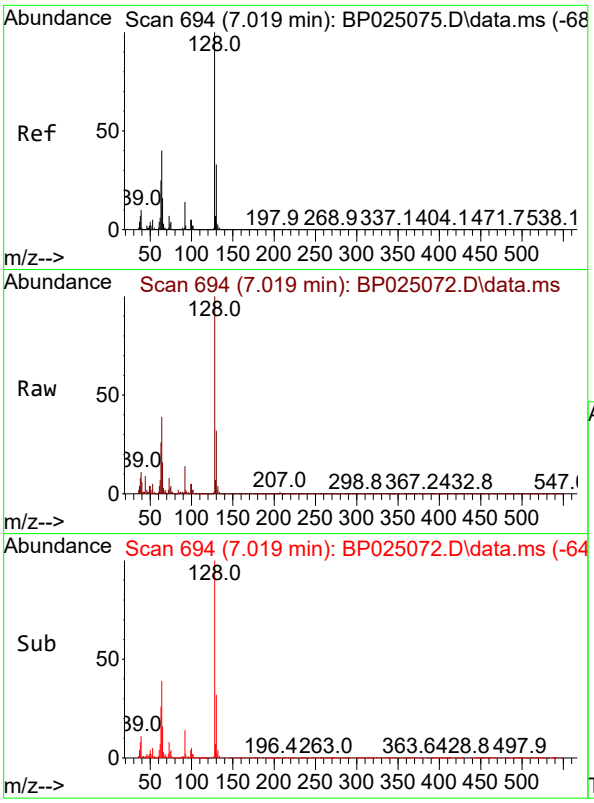


#7
Phenol-d6
Concen: 9.692 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 99 Resp: 252937

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	30.1	24.4	36.6

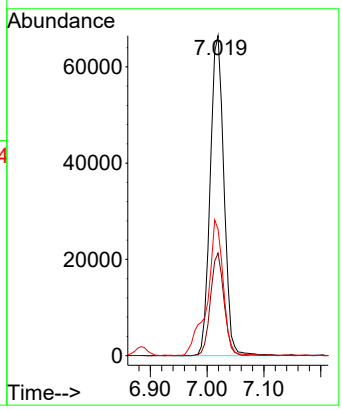




#8
2-Chlorophenol
Concen: 4.966 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:128 Resp: 11112

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	39.5	20.3	60.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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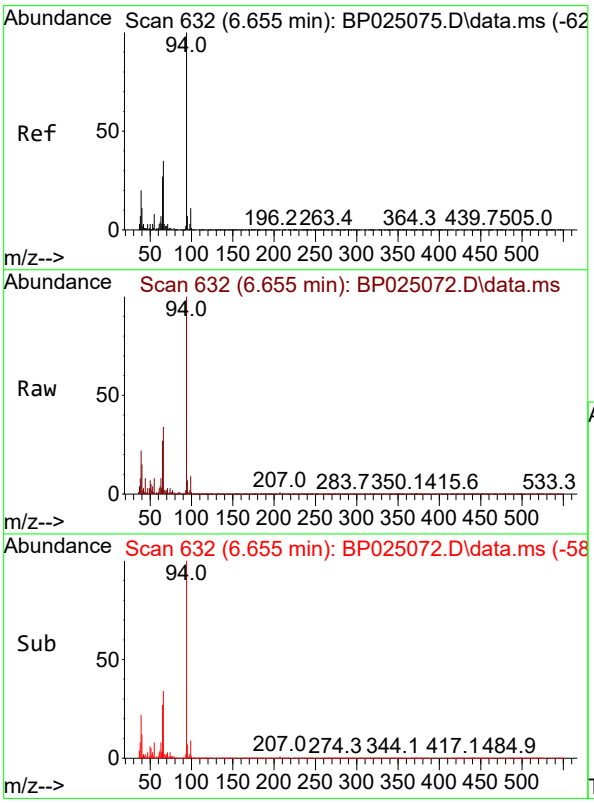
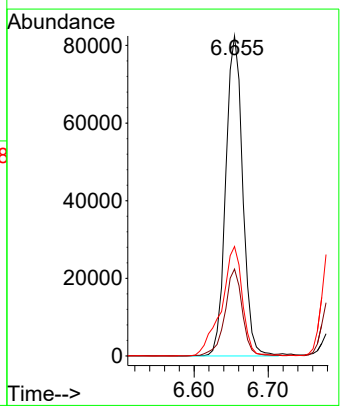
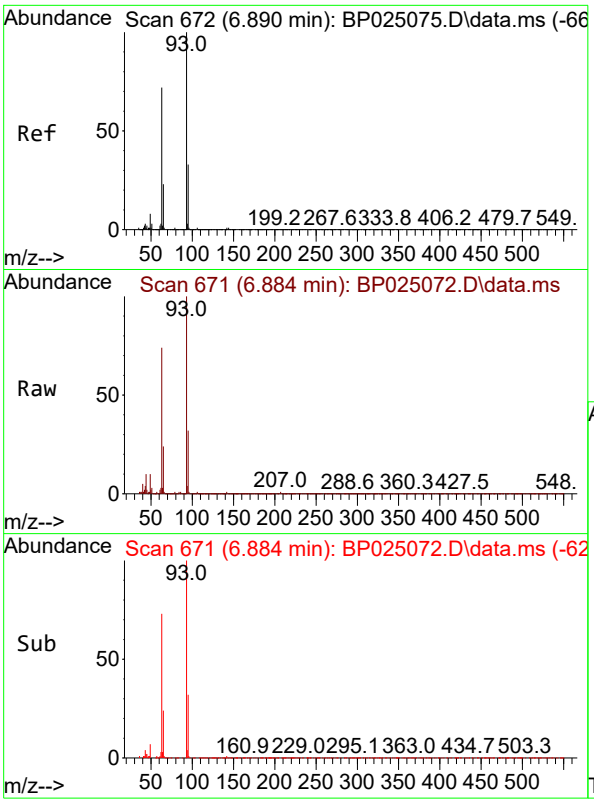


#10
Phenol
Concen: 4.922 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 94 Resp: 130527

Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.9	46.9
66	34.2	14.6	54.6

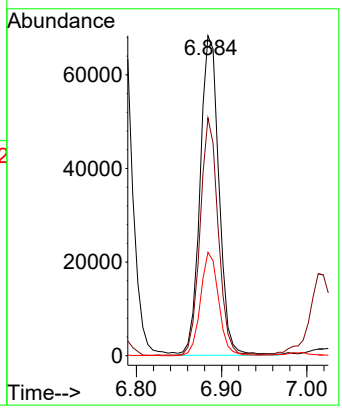




#11
bis(2-Chloroethyl)ether
Concen: 5.151 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 10512

Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	32.3	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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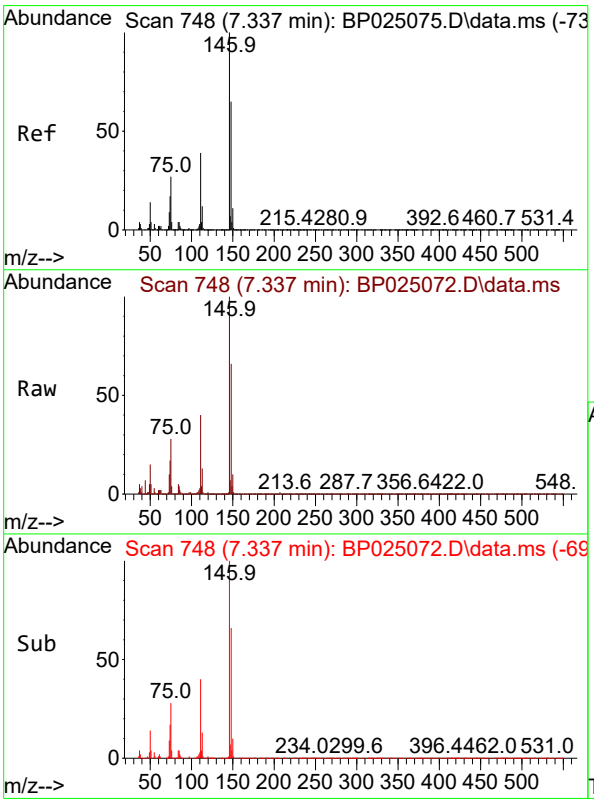
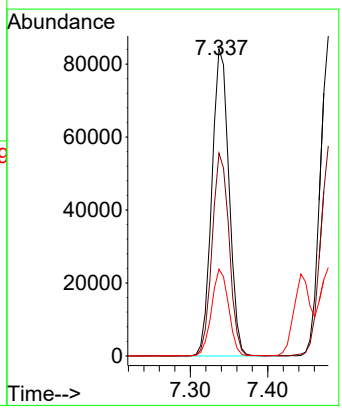
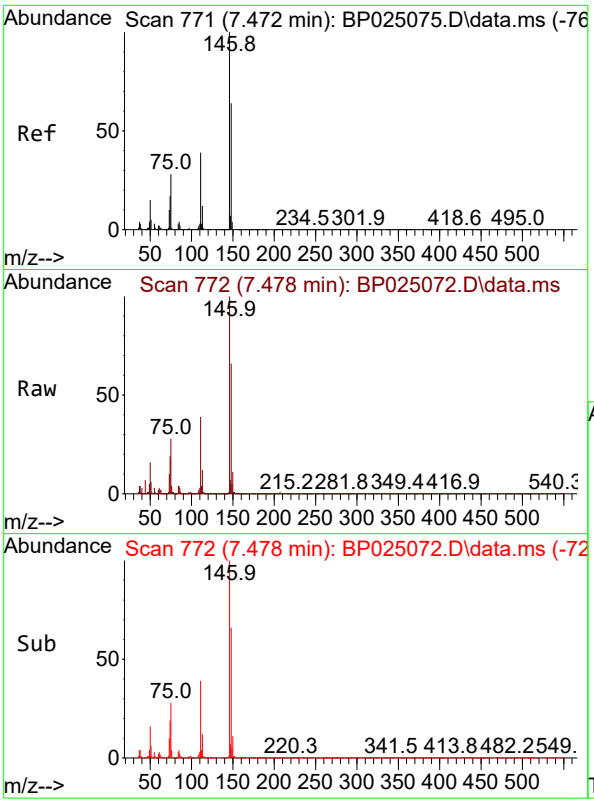


#12
1,3-Dichlorobenzene
Concen: 5.167 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 129394

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
75	28.2	21.8	32.6

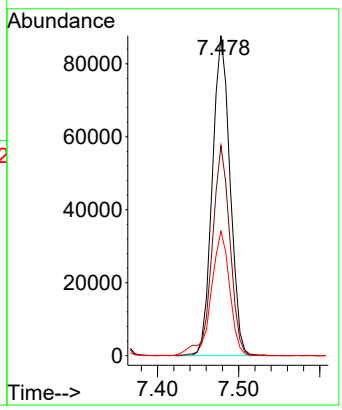




#13
1,4-Dichlorobenzene
Concen: 5.242 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 13291

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	38.9	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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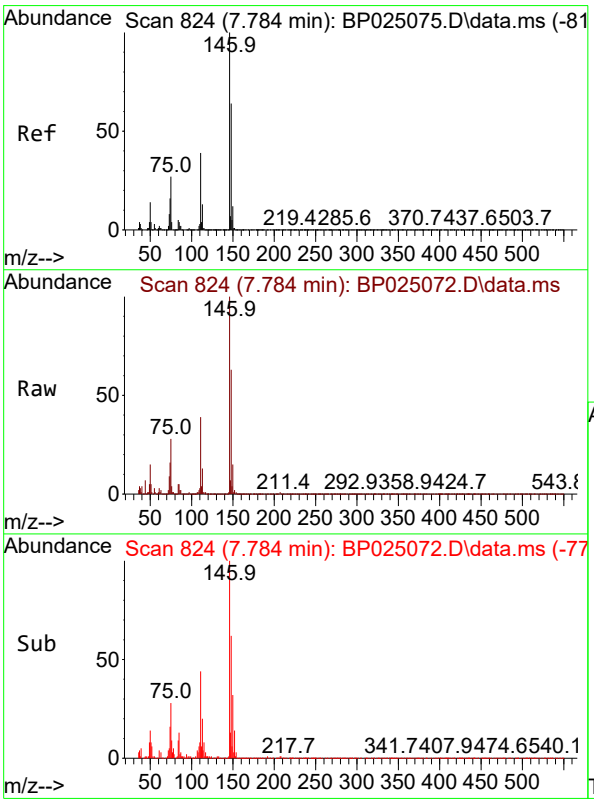
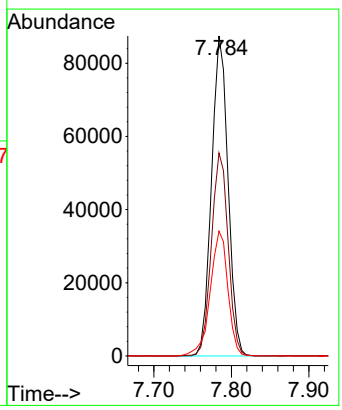
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

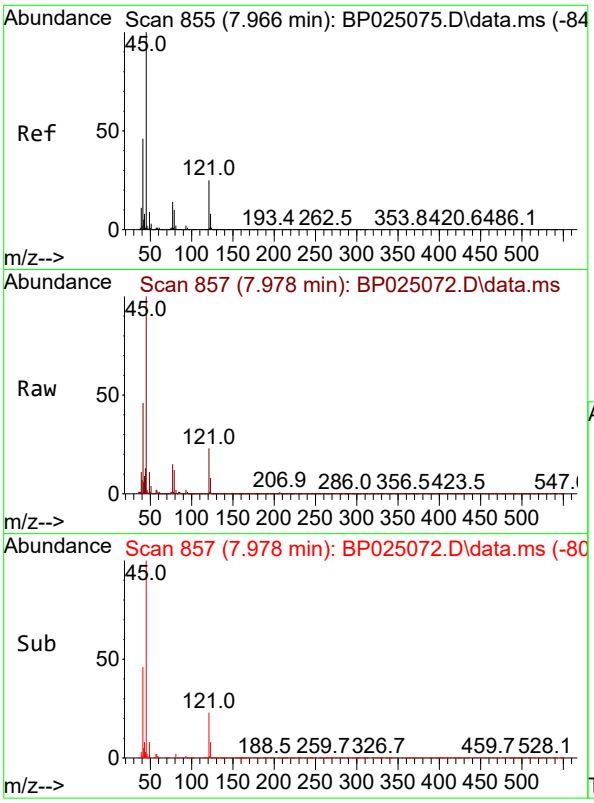


#14
1,2-Dichlorobenzene
Concen: 5.282 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 128817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.0	31.2	46.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.299 ng
RT: 7.978 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 14062

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	12.2	0.0	30.7

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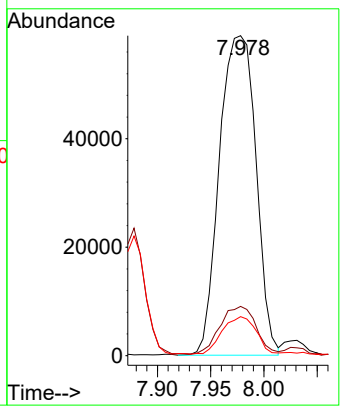
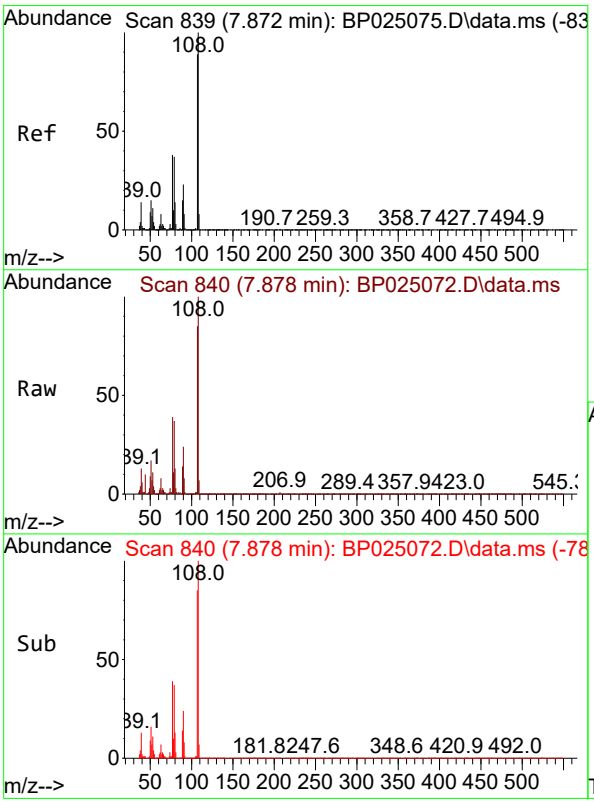
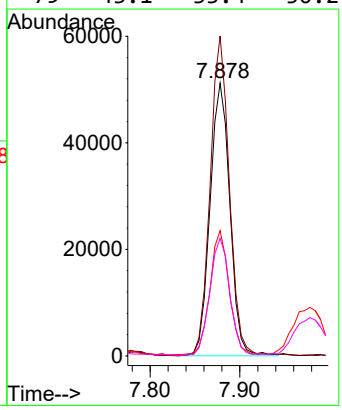


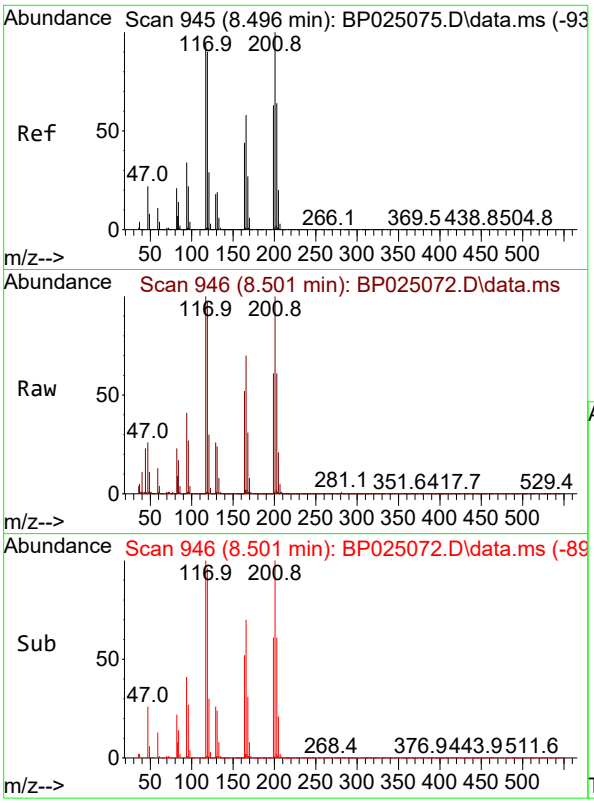


#17
2-Methylphenol
Concen: 4.600 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 78577

Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.7	134.5
77	46.0	34.2	51.4
79	43.1	33.4	50.2

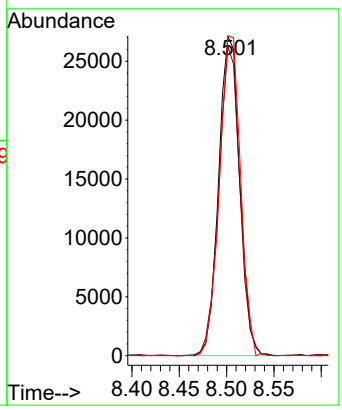




#18
Hexachloroethane
Concen: 5.104 ng
RT: 8.501 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:117 Resp: 4215

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	100.4	85.4	128.2



Instrument :
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ClientSampleId :
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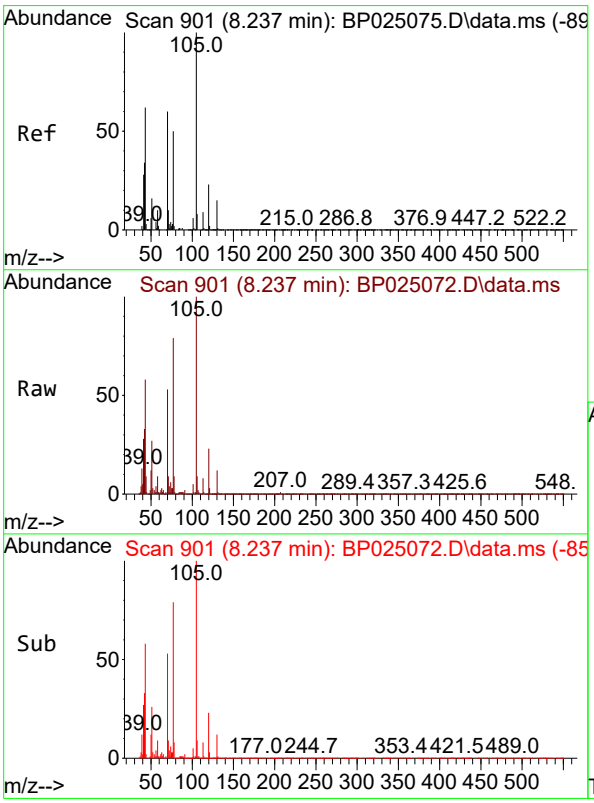
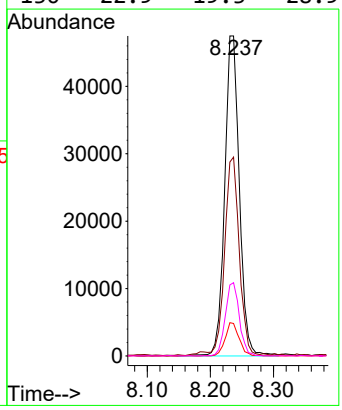
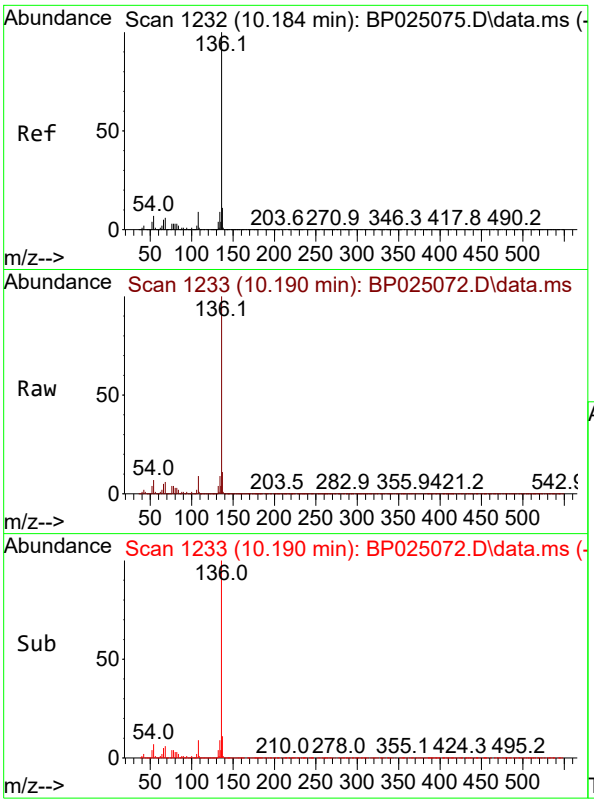


#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 70 Resp: 76382

Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.5	69.7
101	10.2	7.9	11.9
130	22.9	19.3	28.9

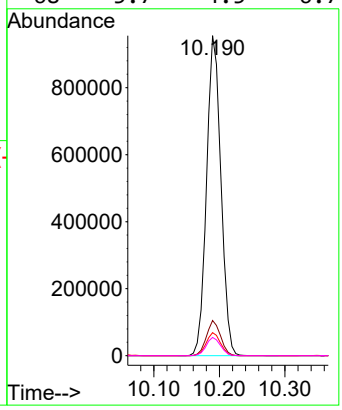




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:136 Resp: 145596

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.5	6.7



Instrument :
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ClientSampleId :
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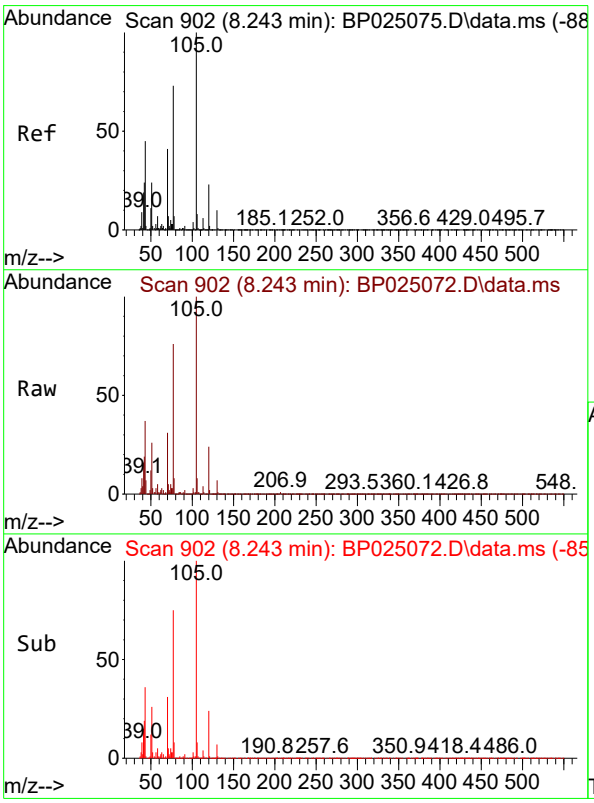
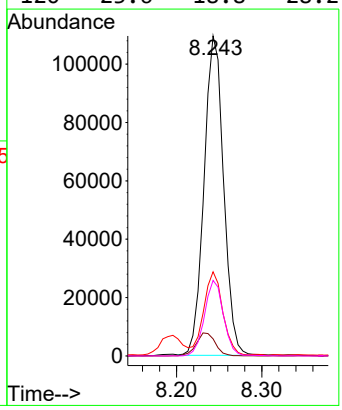
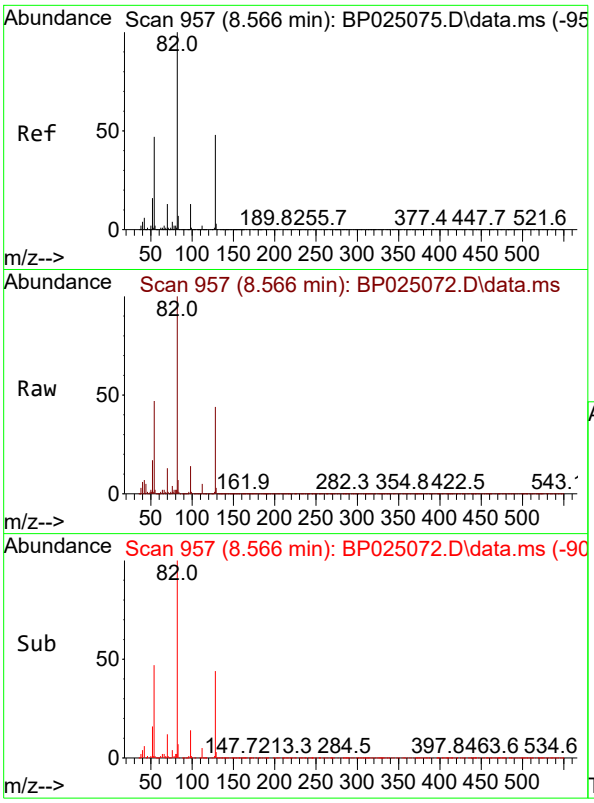


#22
Acetophenone
Concen: 5.070 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:105 Resp: 174562

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.2#
51	26.3	19.6	29.4
120	23.6	18.8	28.2

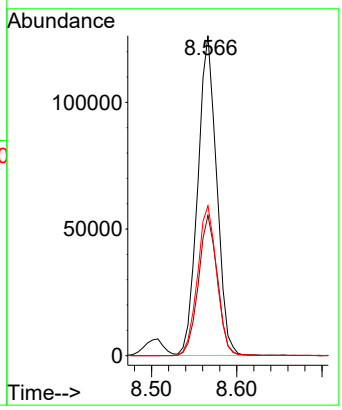




#23
Nitrobenzene-d5
Concen: 8.871 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 82 Resp: 19421

Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.4	57.6
54	46.9	37.8	56.6



Instrument :
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ClientSampleId :
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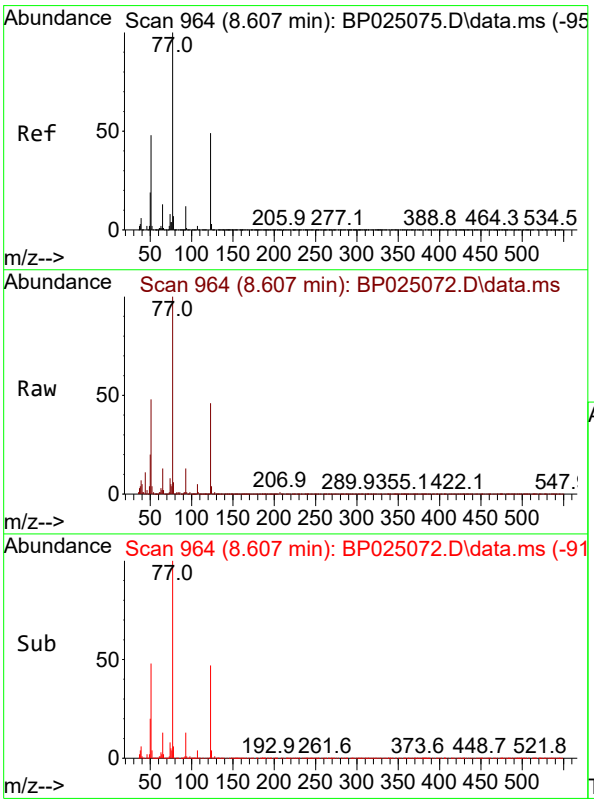
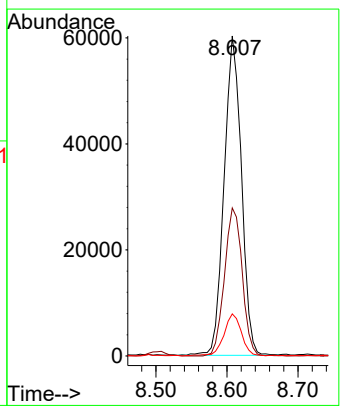
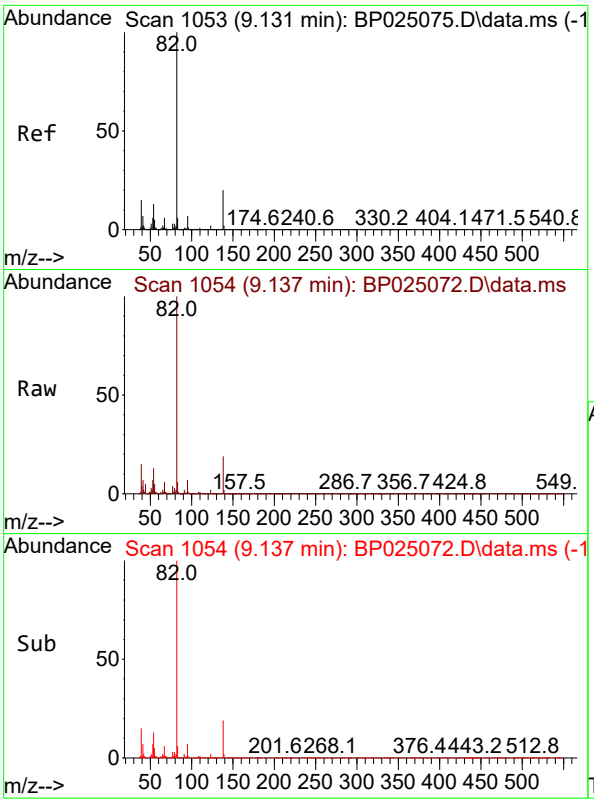


#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 102014

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.6
65	13.1	10.7	16.1





#25
Isophorone
Concen: 4.668 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 82 Resp: 19099

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.6	15.7	23.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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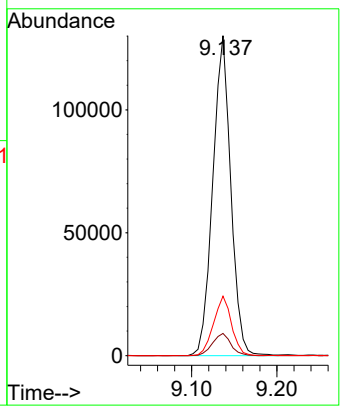
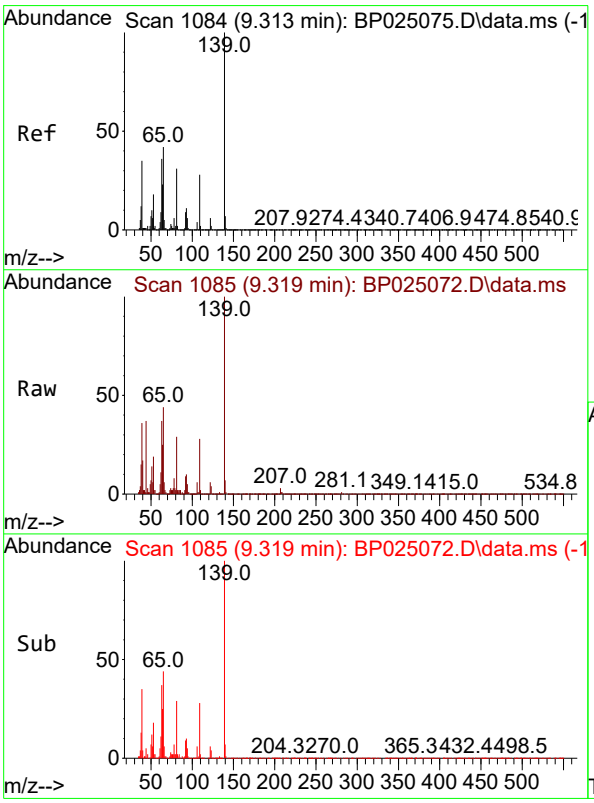
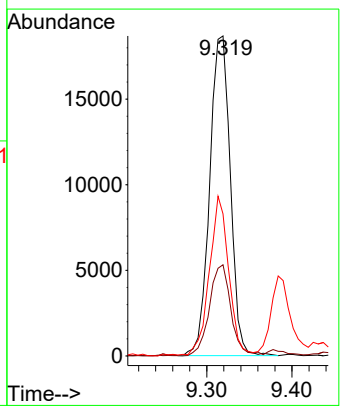


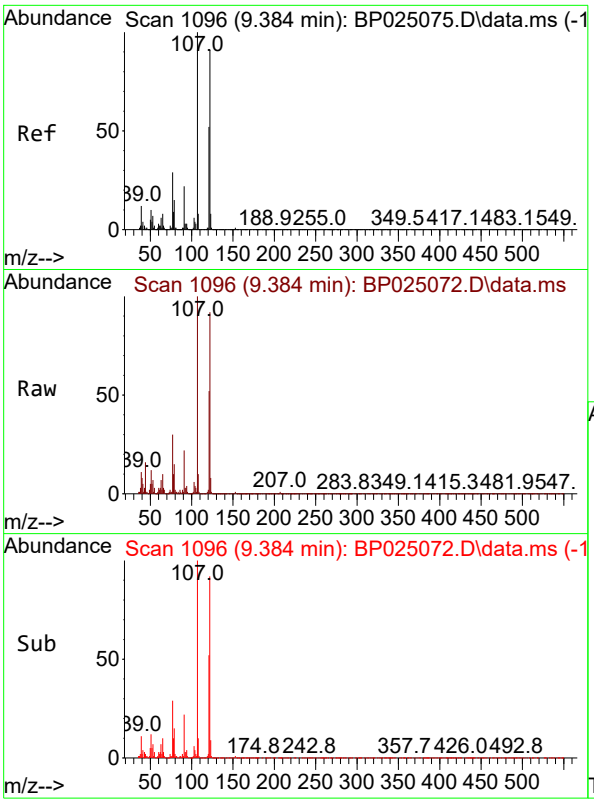


#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:139 Resp: 31408

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	44.4	33.8	50.8

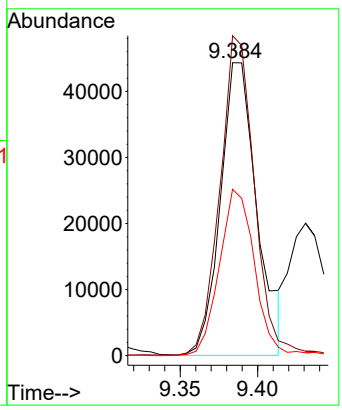




#27
2,4-Dimethylphenol
Concen: 4.753 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:122 Resp: 7254

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.2	132.2
121	56.8	46.1	69.1



Instrument :
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ClientSampleId :
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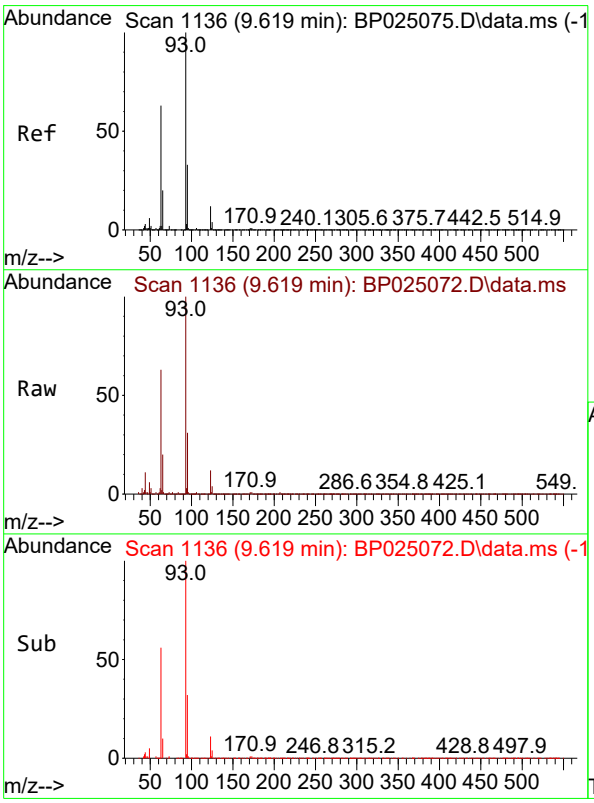
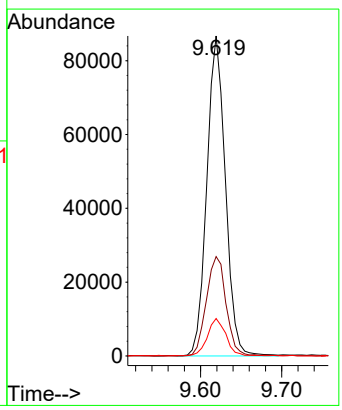
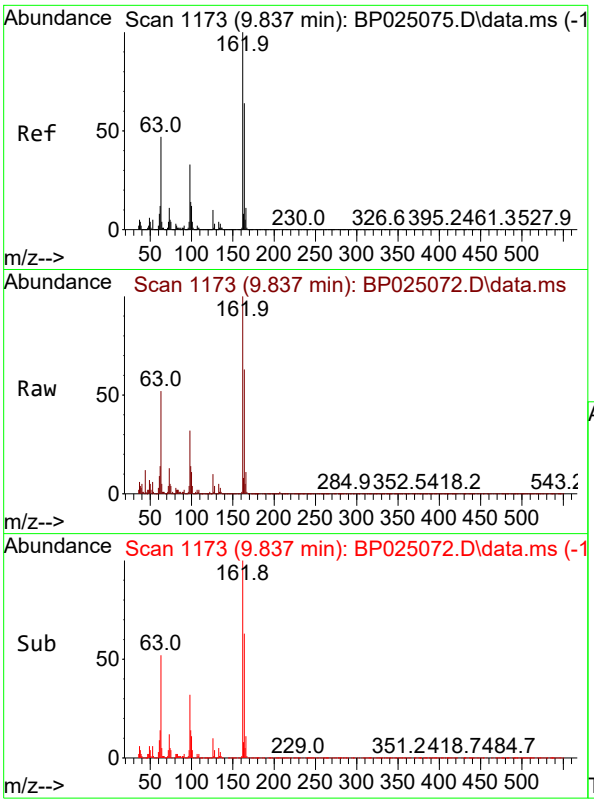


#28
bis(2-Chloroethoxy)methane
Concen: 4.954 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 137622

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.4	39.6
123	11.7	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 4.171 ng
RT: 9.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 8826

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	32.1	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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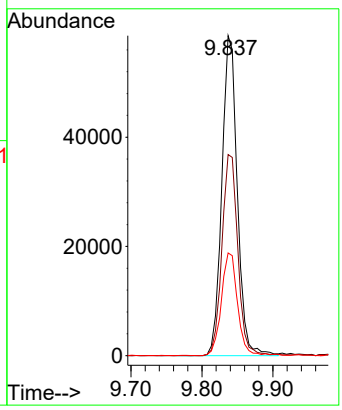
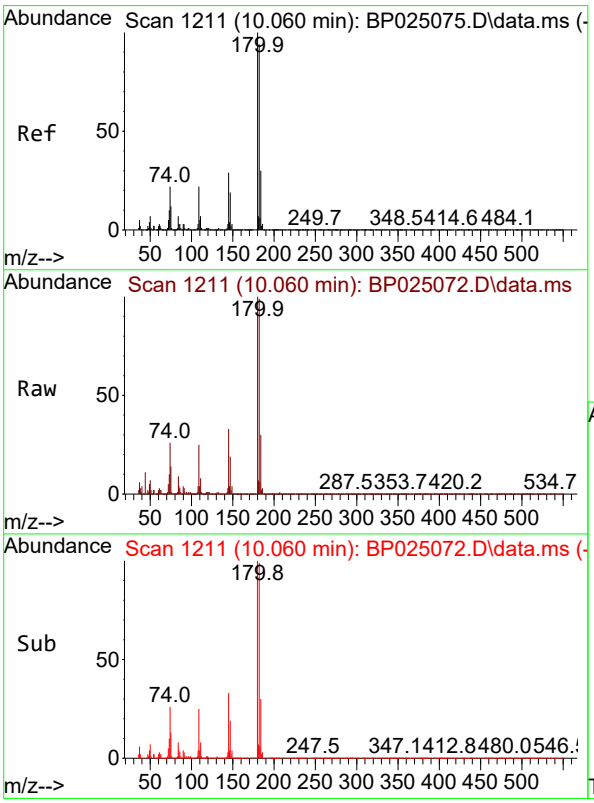
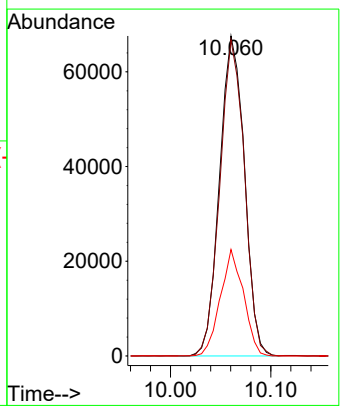


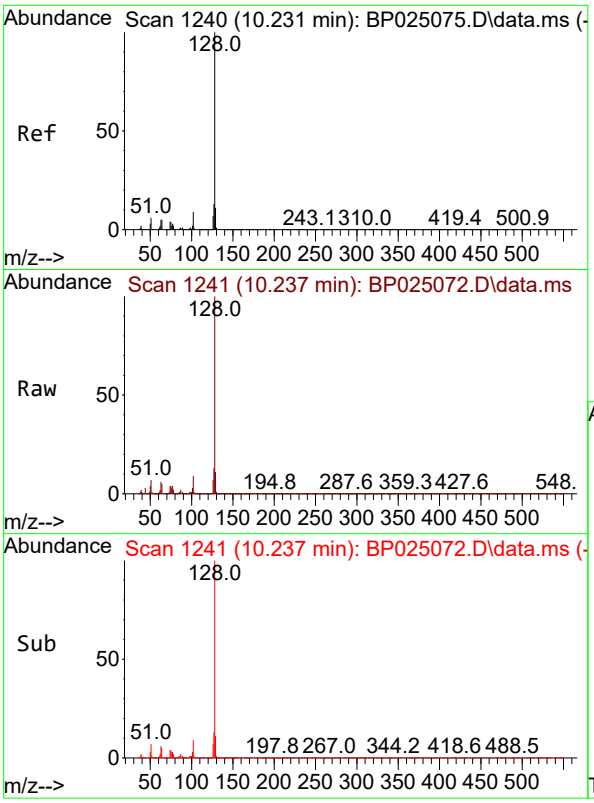


#30
1,2,4-Trichlorobenzene
Concen: 4.953 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:180 Resp: 116080

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.1	112.7
145	33.3	23.3	34.9

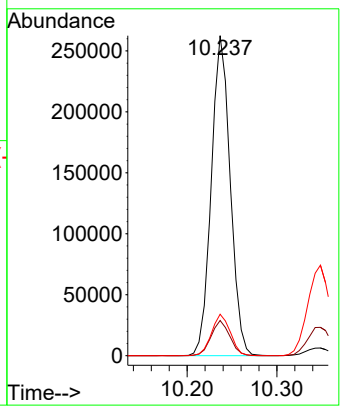




#31
Naphthalene
Concen: 5.134 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:128 Resp: 38488

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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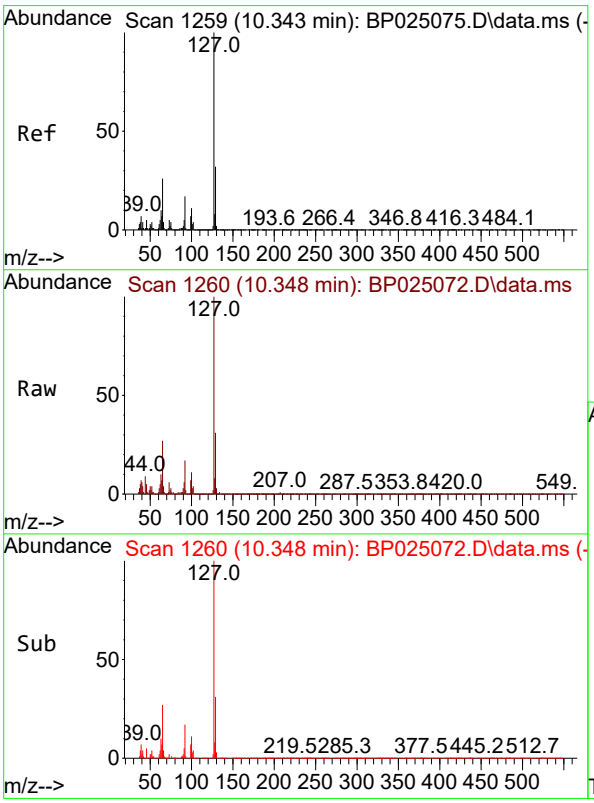
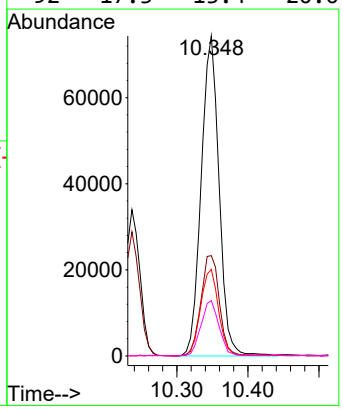
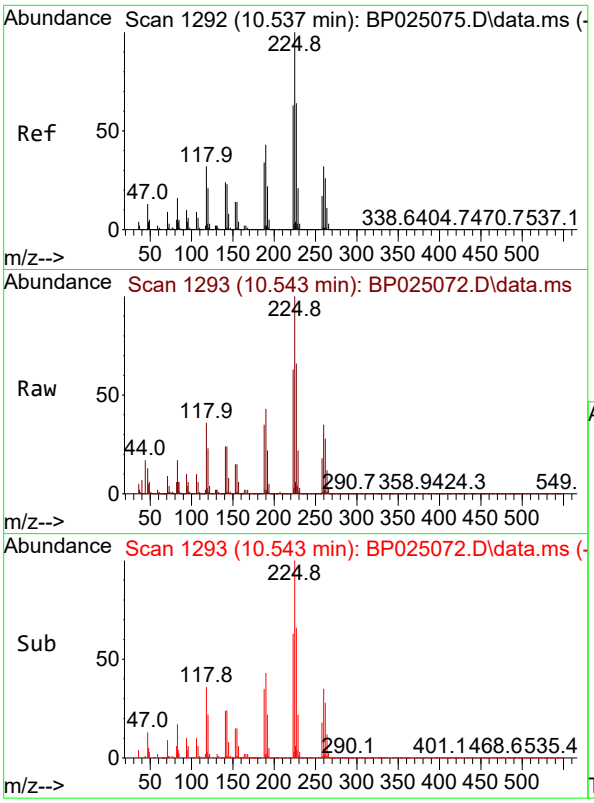


#33
4-Chloroaniline
Concen: 4.661 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:127 Resp: 130394

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	27.0	21.0	31.6
92	17.3	13.4	20.0

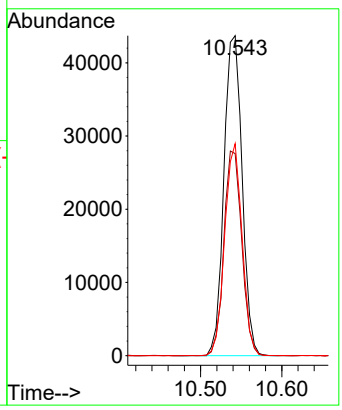




#34
Hexachlorobutadiene
Concen: 5.055 ng
RT: 10.543 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:225 Resp: 6798

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.3	75.5
227	62.5	51.3	76.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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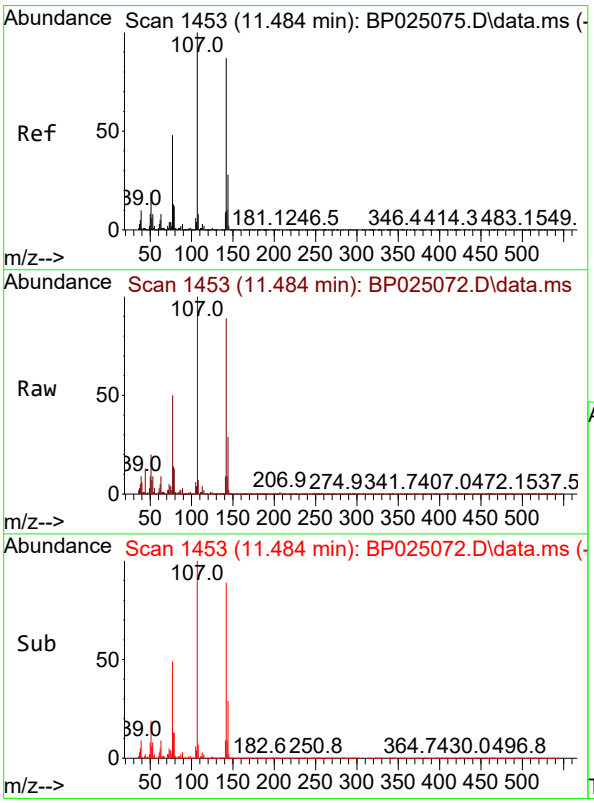
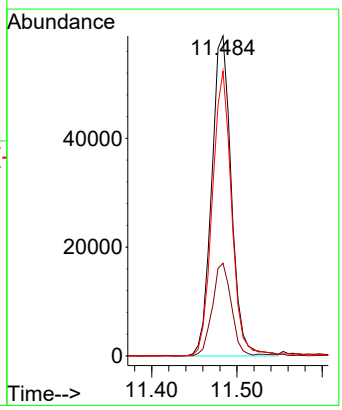
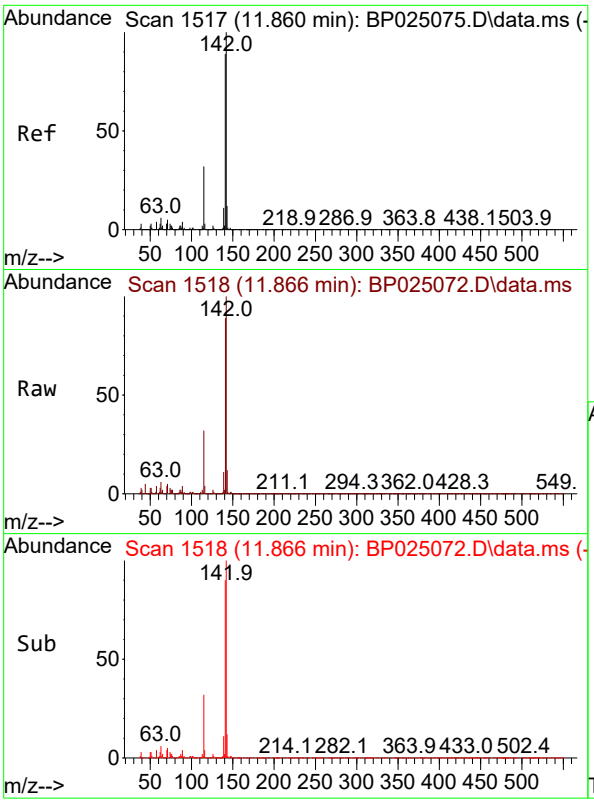


#36
4-Chloro-3-methylphenol
Concen: 4.270 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 94437

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.0	69.6	104.4

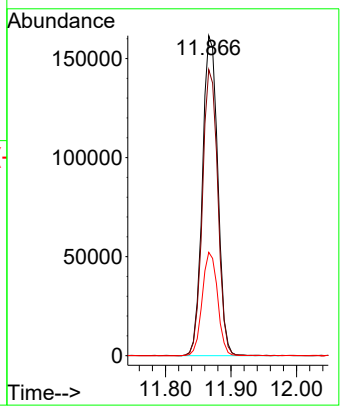




#37
2-Methylnaphthalene
Concen: 4.984 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 26364

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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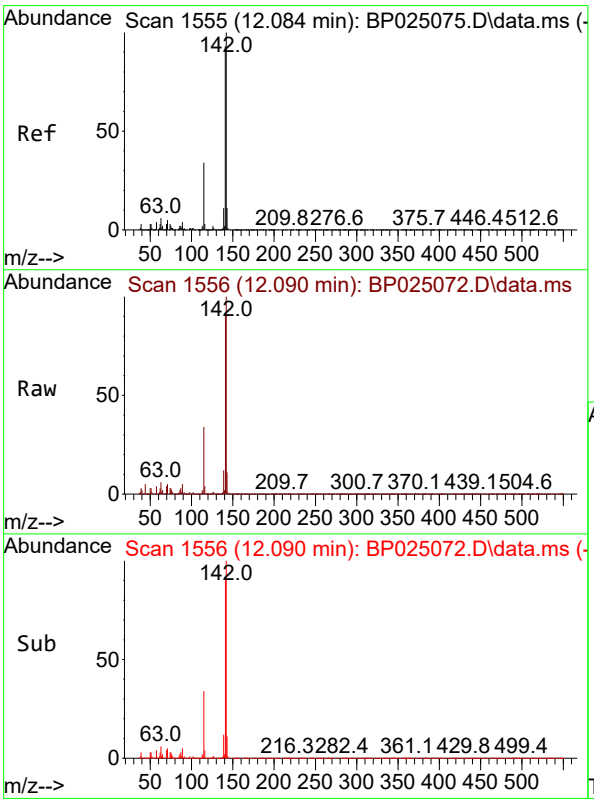
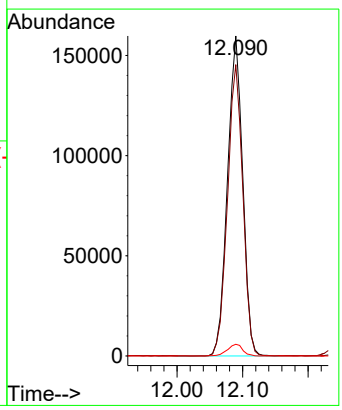
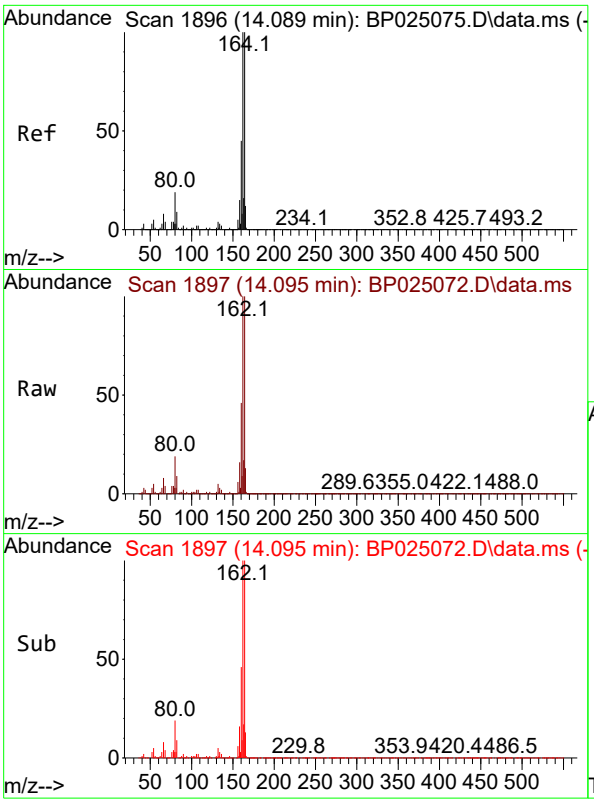


#38
1-Methylnaphthalene
Concen: 4.987 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 257270

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.7	2.7	4.1

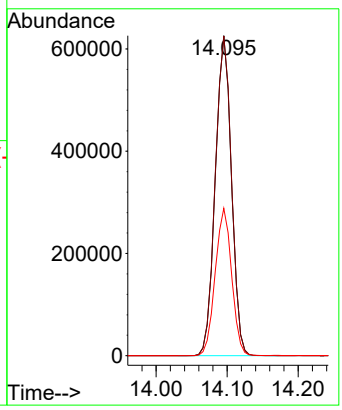




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:164 Resp: 98275

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.3	120.5
160	46.1	35.9	53.9



Instrument :
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ClientSampleId :
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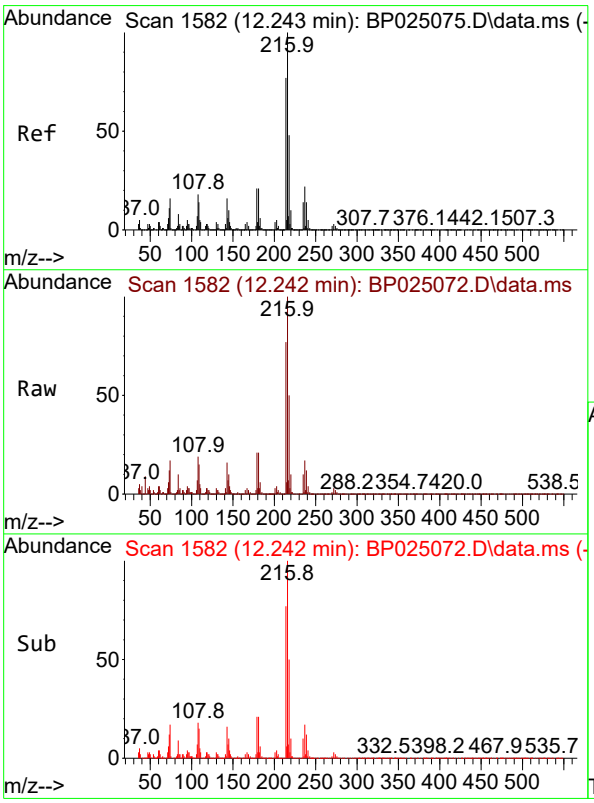
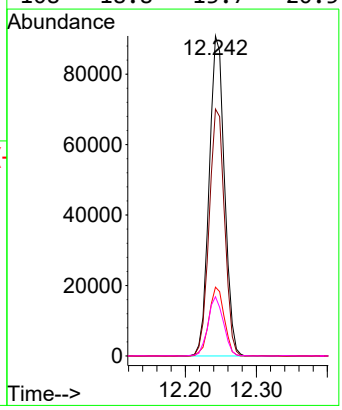
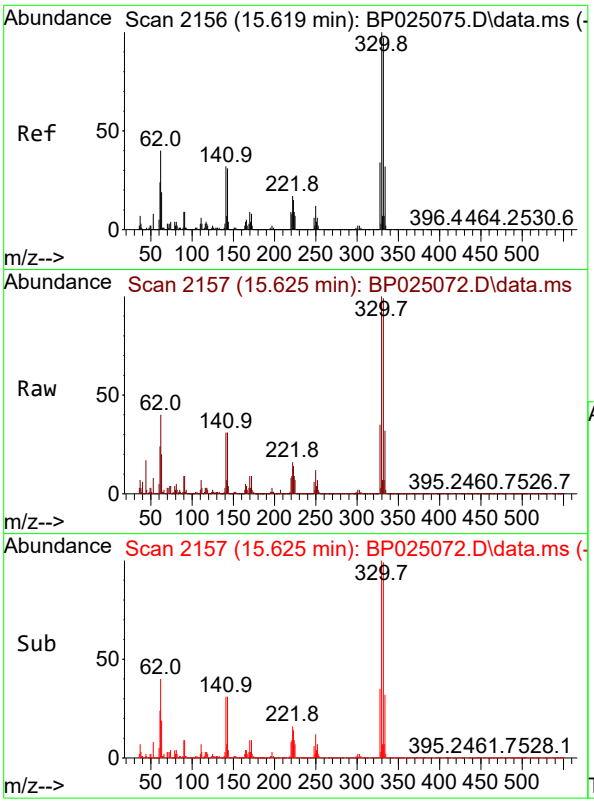


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.822 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:216 Resp: 136193

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.4	93.6
179	21.4	16.5	24.7
108	18.8	13.7	20.5

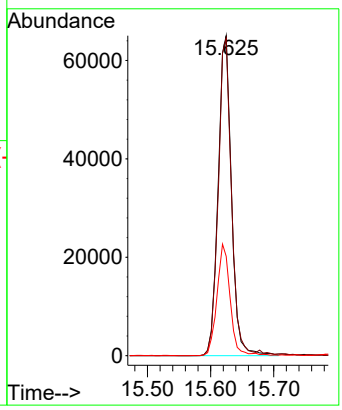




#42
2,4,6-Tribromophenol
Concen: 8.213 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:330 Resp: 9535

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	34.7	26.0	39.0



Instrument :
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ClientSampleId :
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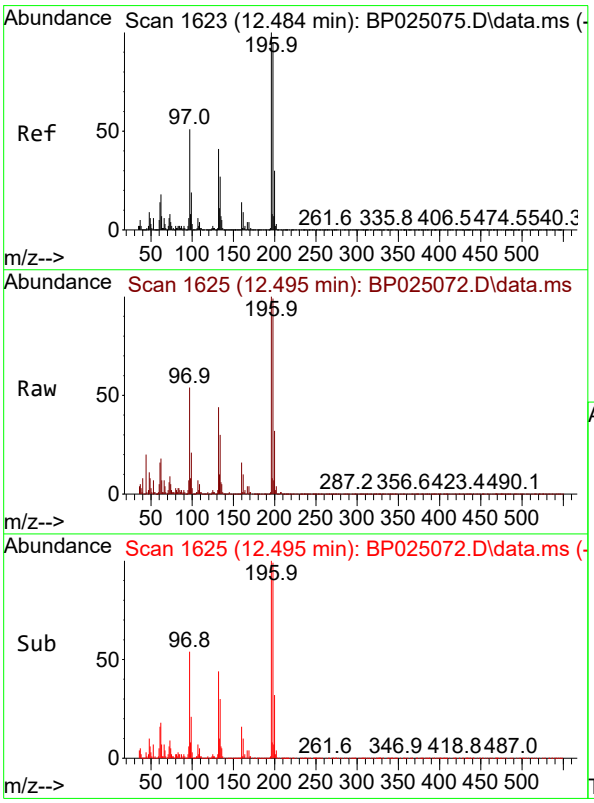
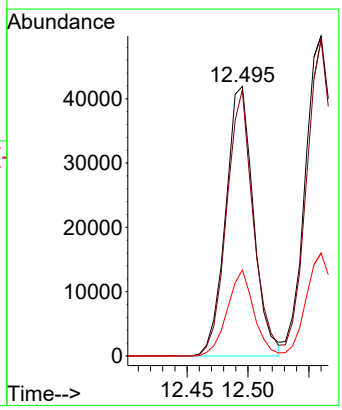
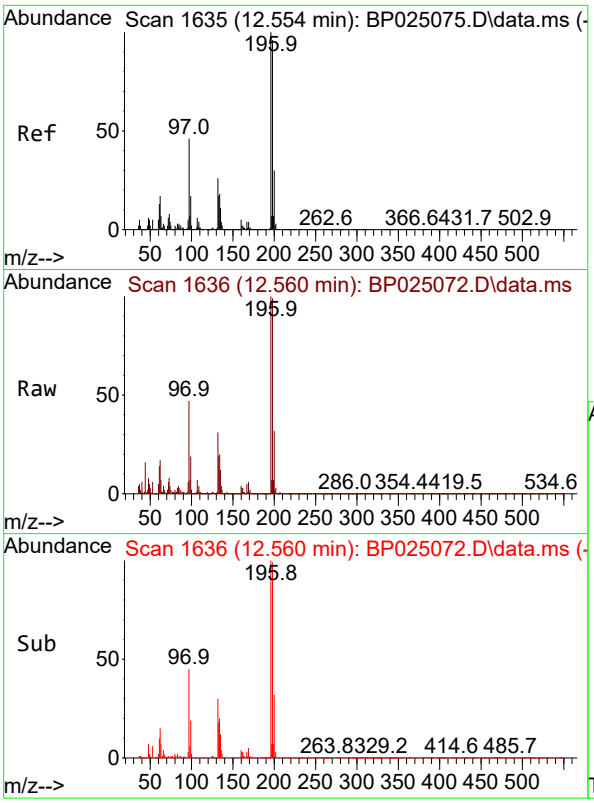


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 66524

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.2
200	31.9	24.3	36.5

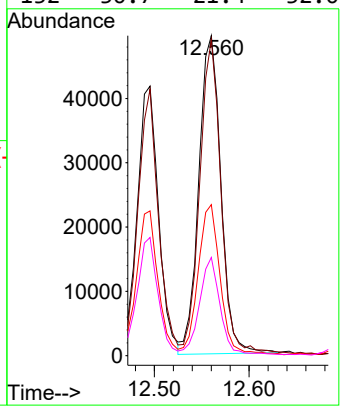




#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 8013

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
97	47.2	36.6	55.0
132	30.7	21.4	32.0



Instrument :
BNA_P
ClientSampleId :
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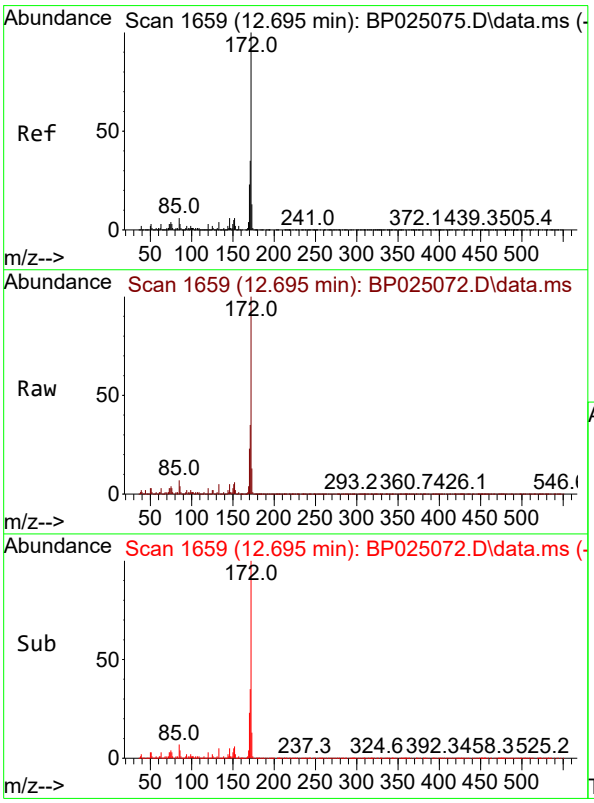
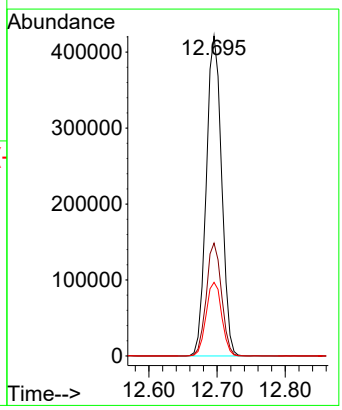
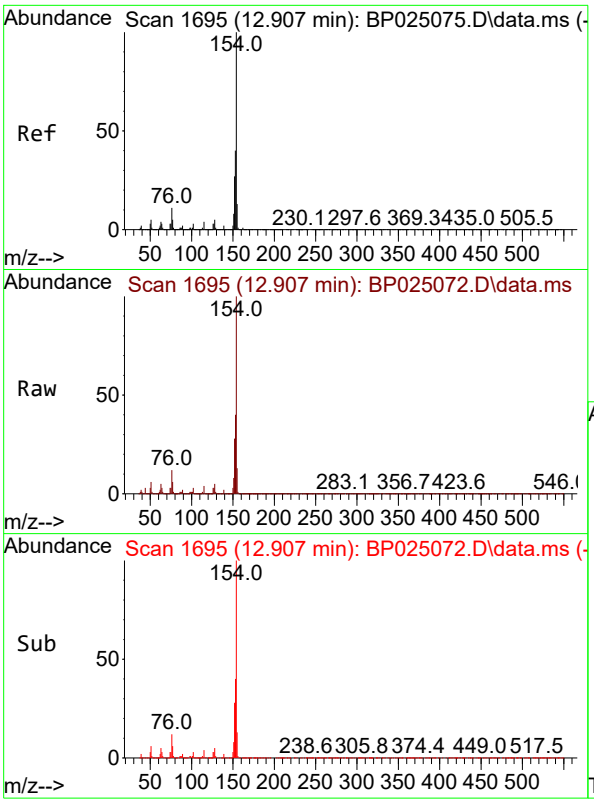


#45
2-Fluorobiphenyl
Concen: 10.365 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:172 Resp: 657518

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	18.7	28.1

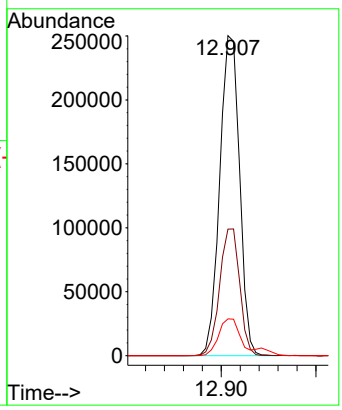




#46
1,1'-Biphenyl
Concen: 5.092 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:154 Resp: 36407

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	11.5	0.0	31.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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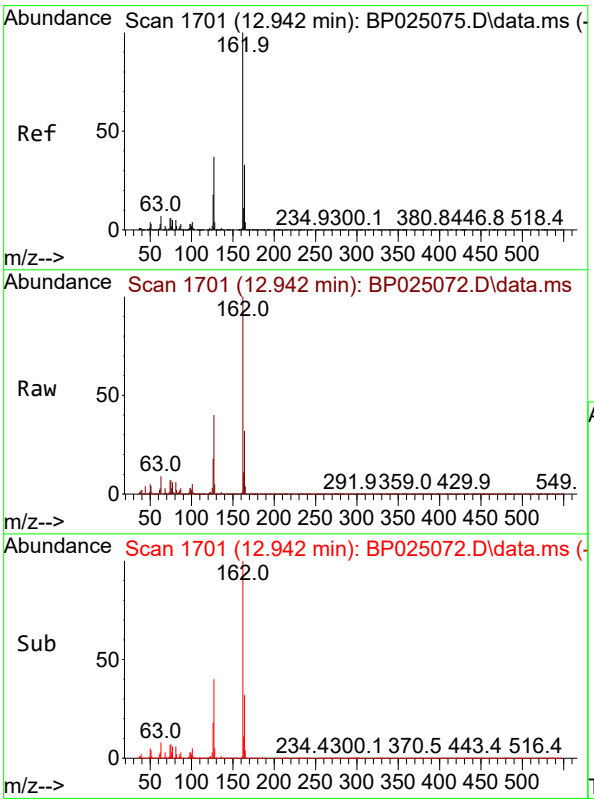
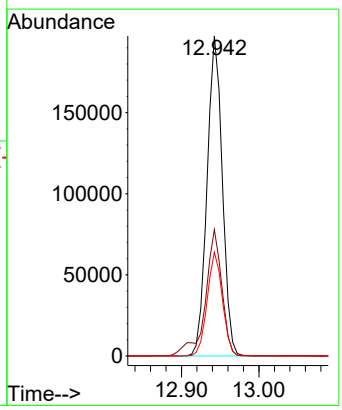
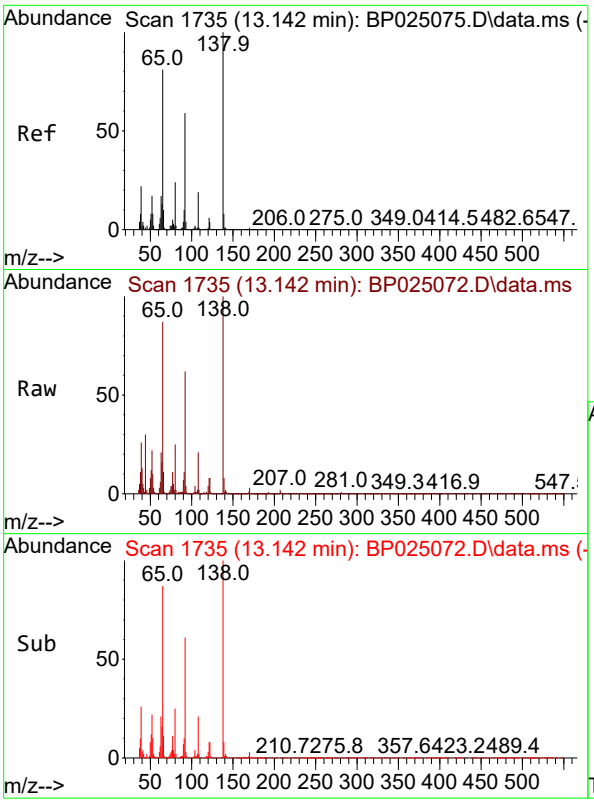


#47
2-Chloronaphthalene
Concen: 5.016 ng
RT: 12.942 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 269579

Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.4	44.2
164	32.4	26.4	39.6

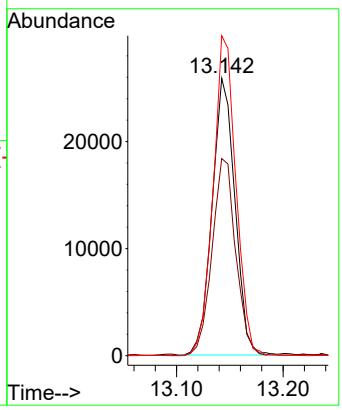




#48
2-Nitroaniline
Concen: 5.521 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 65 Resp: 3851

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	115.3	99.0	148.4



Instrument :
BNA_P
ClientSampleId :
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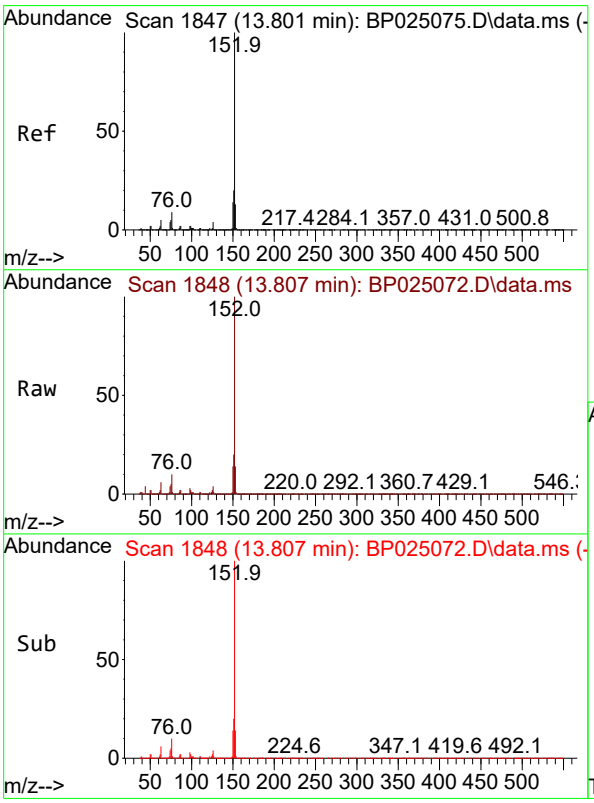
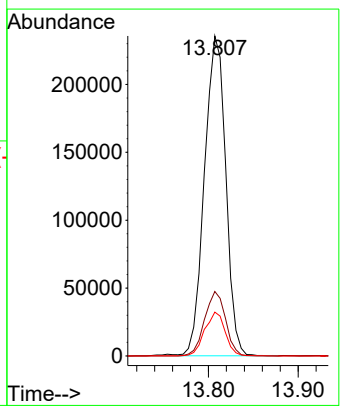
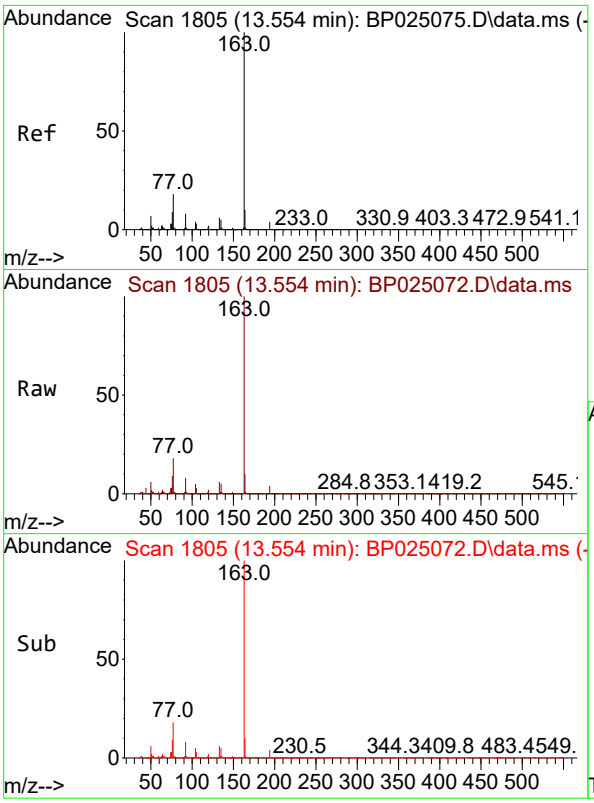


#49
Acenaphthylene
Concen: 4.726 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 388781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.7	16.1

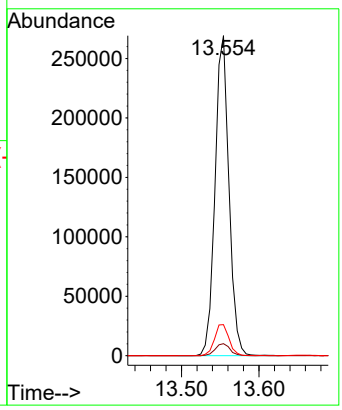




#50
Dimethylphthalate
Concen: 4.871 ng
RT: 13.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:163 Resp: 33506

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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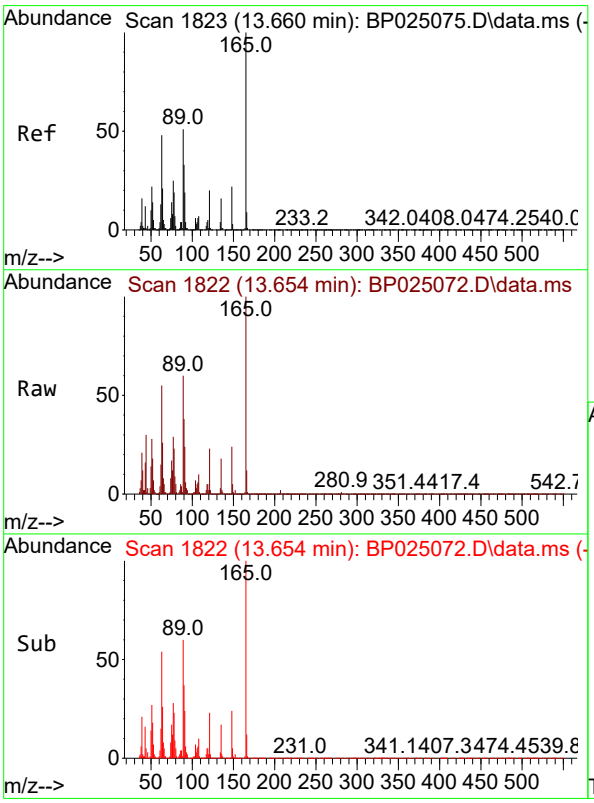
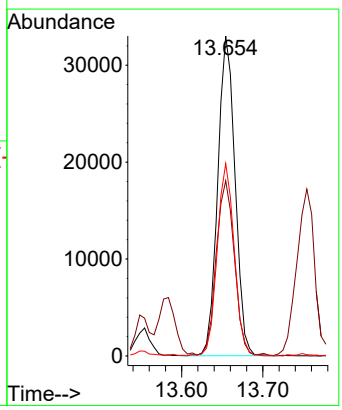
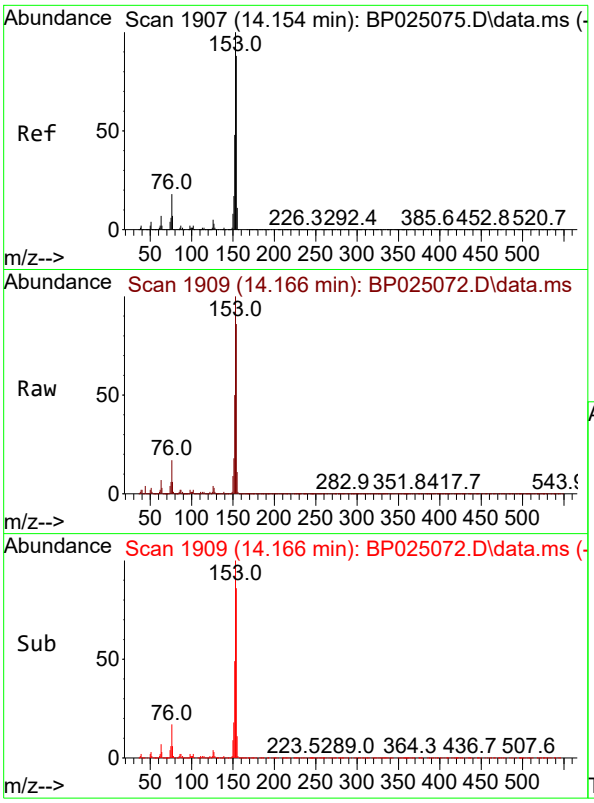


#51
2,6-Dinitrotoluene
Concen: 3.651 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 48991

Ion	Ratio	Lower	Upper
165	100		
63	54.7	38.5	57.7
89	60.1	40.6	61.0

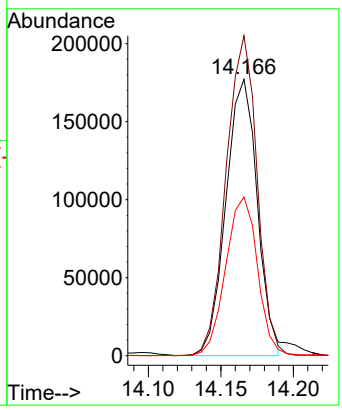




#52
Acenaphthene
Concen: 5.030 ng m
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:154 Resp: 26669

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.6	136.0
152	57.5	43.8	65.8



Instrument :
BNA_P
ClientSampleId :
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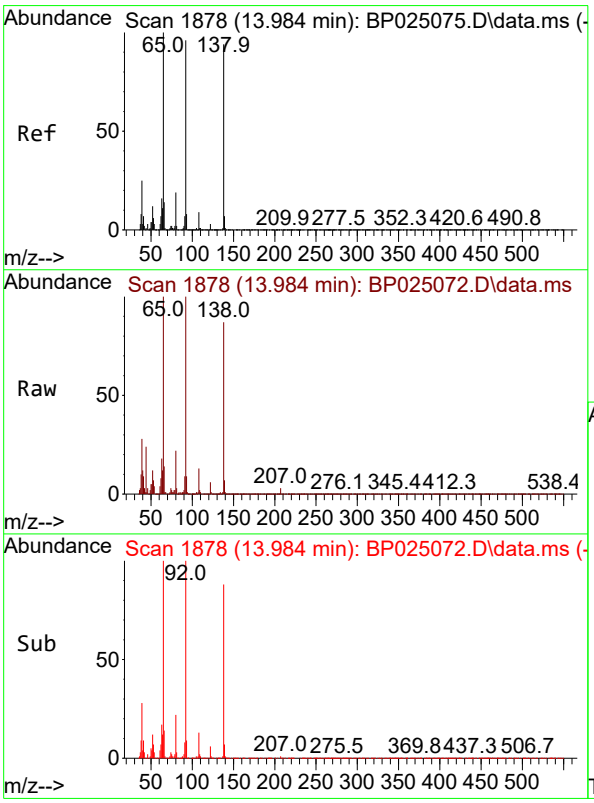
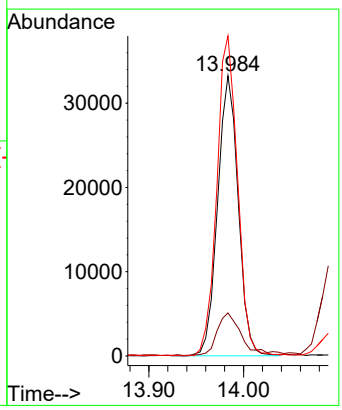
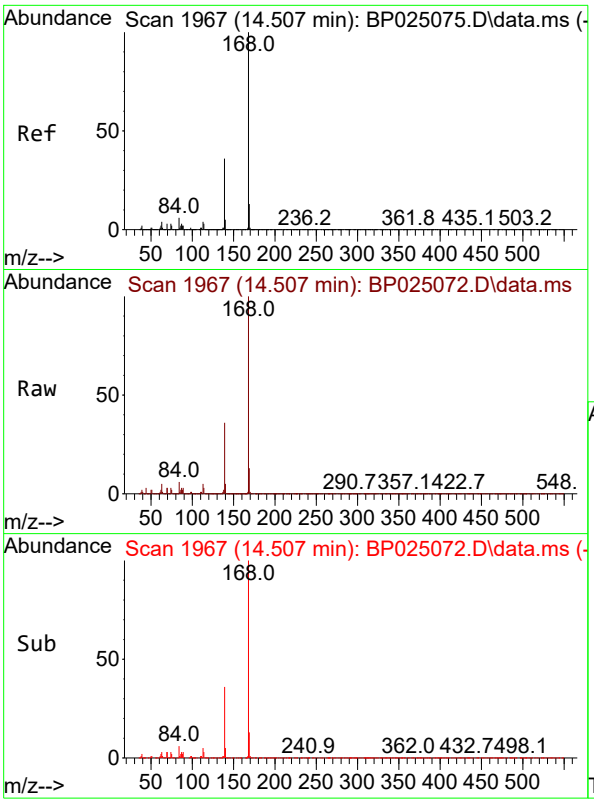


#53
3-Nitroaniline
Concen: 3.491 ng
RT: 13.984 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:138 Resp: 50202

Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	114.2	81.0	121.4

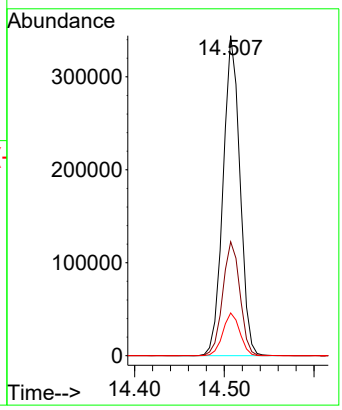




#55
Dibenzofuran
Concen: 5.135 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:168 Resp: 44930

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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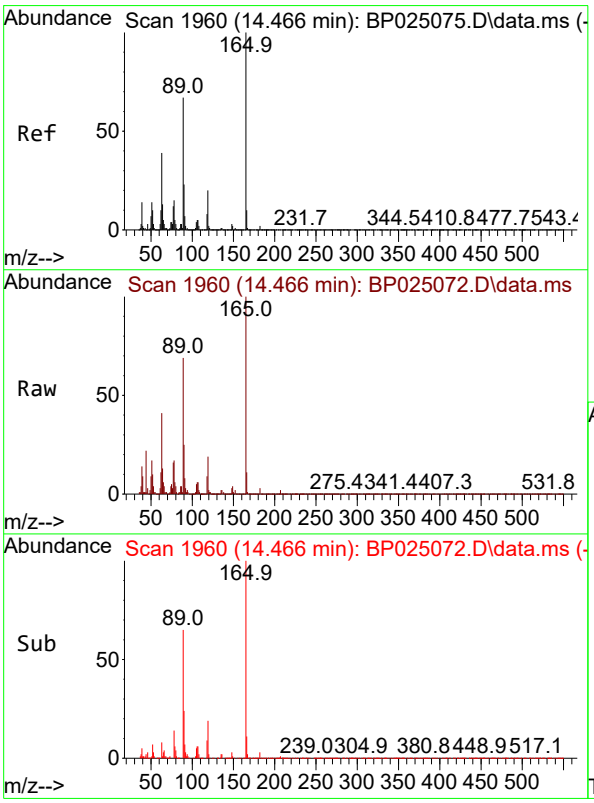
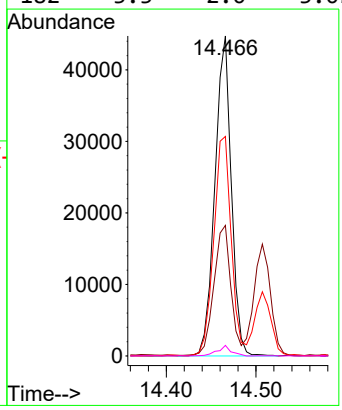
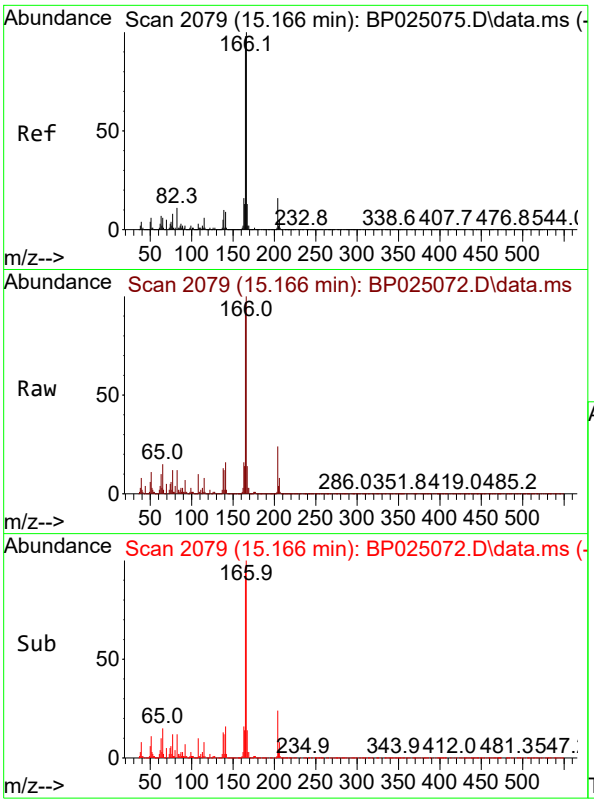


#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 56730

Ion	Ratio	Lower	Upper
165	100		
63	40.8	31.0	46.4
89	68.6	53.4	80.0
182	3.3	2.0	3.0#

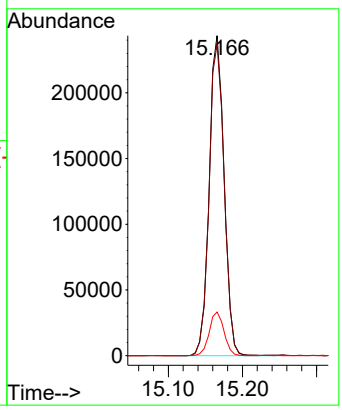




#58
Fluorene
Concen: 5.016 ng
RT: 15.166 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:166 Resp: 33944

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.7	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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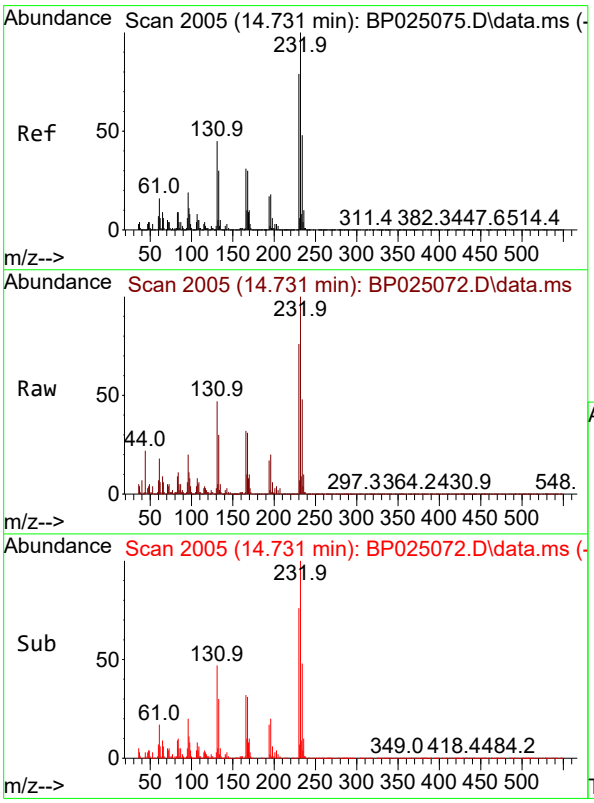
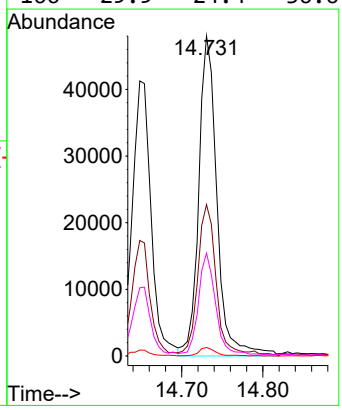
Supervised By :Jagrut Upadhyay 07/07/2025

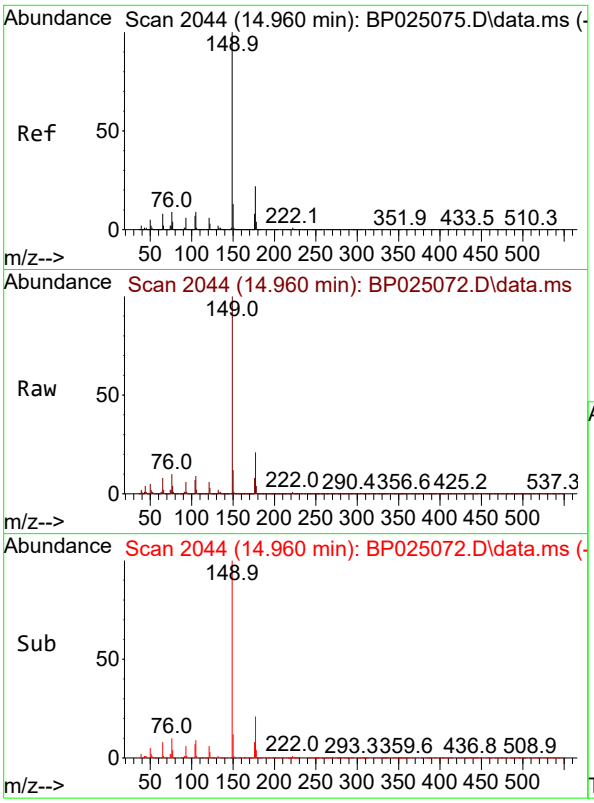


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.270 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:232 Resp: 74947

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.7	53.5
130	2.5	1.8	2.6
166	29.9	24.4	36.6

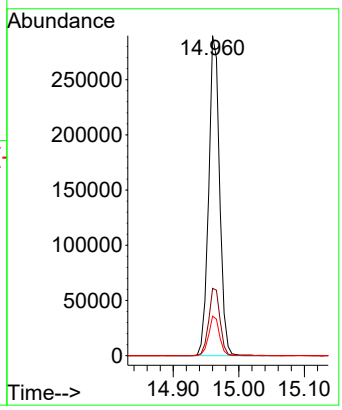




#60
Diethylphthalate
Concen: 4.865 ng
RT: 14.960 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 33611

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.8
150	12.4	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
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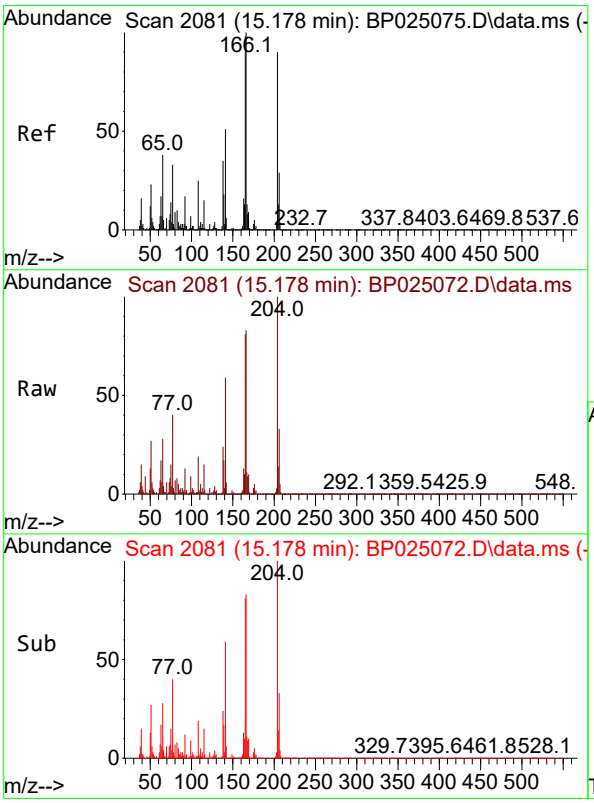
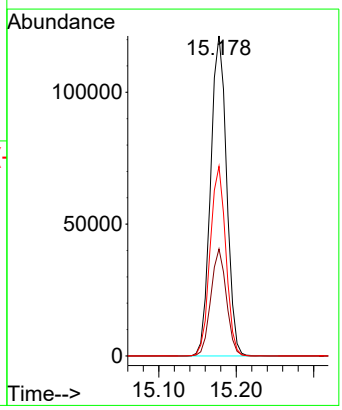
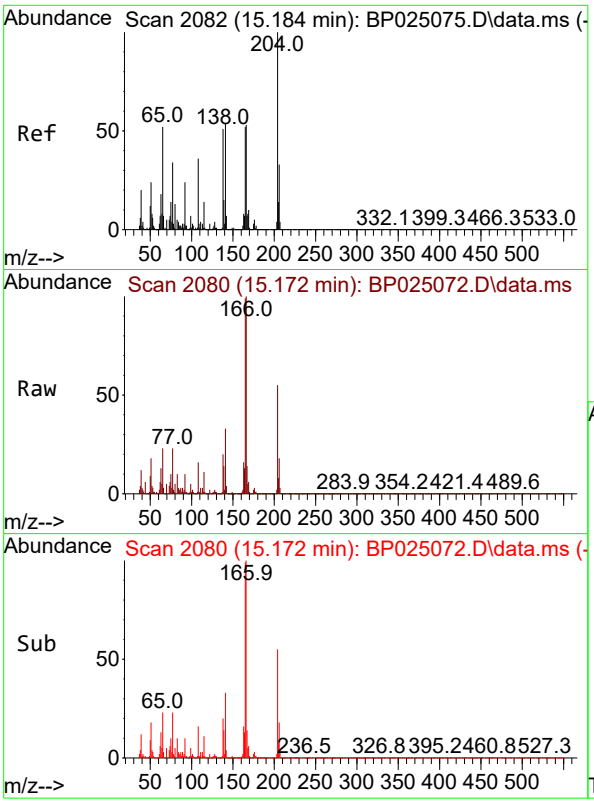


#61
4-Chlorophenyl-phenylether
Concen: 5.212 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:204 Resp: 174567

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.2	45.1	67.7





#62
4-Nitroaniline
Concen: 3.594 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 5419

Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.0	66.0
108	80.2	50.0	90.0

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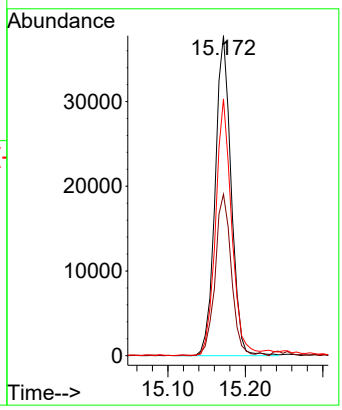
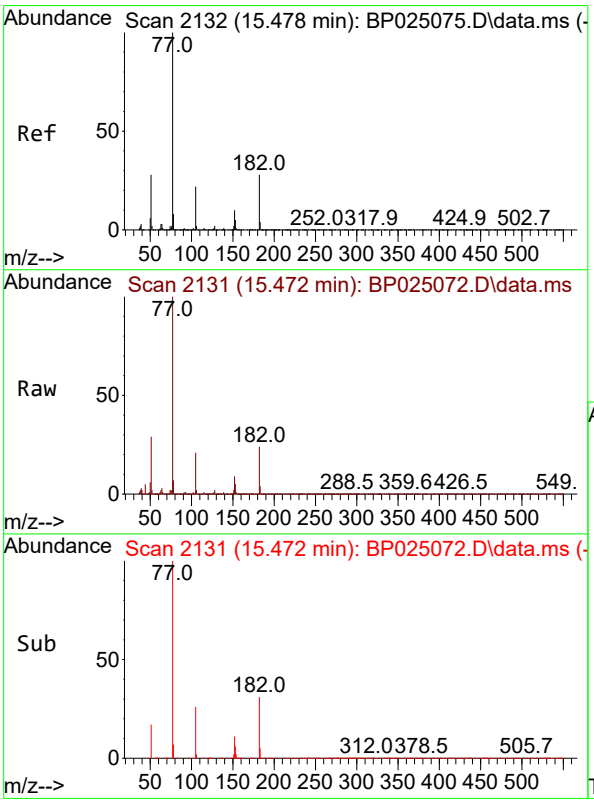
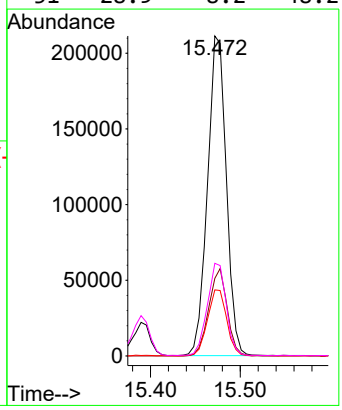


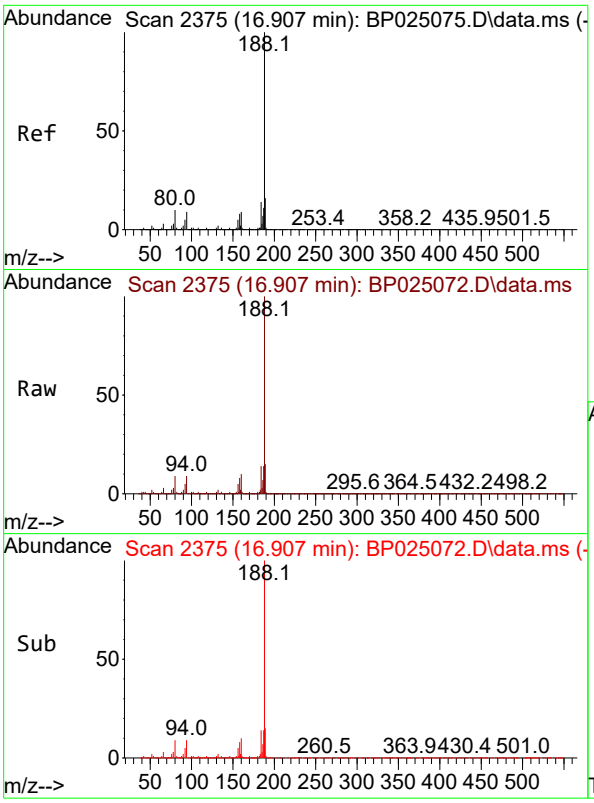


#63
Azobenzene
Concen: 4.995 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 307304

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.7	47.7
105	20.6	1.9	41.9
51	28.9	8.2	48.2

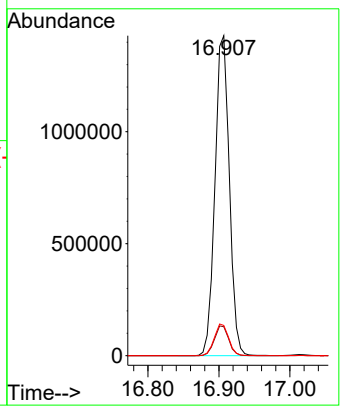




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:188 Resp: 199853

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
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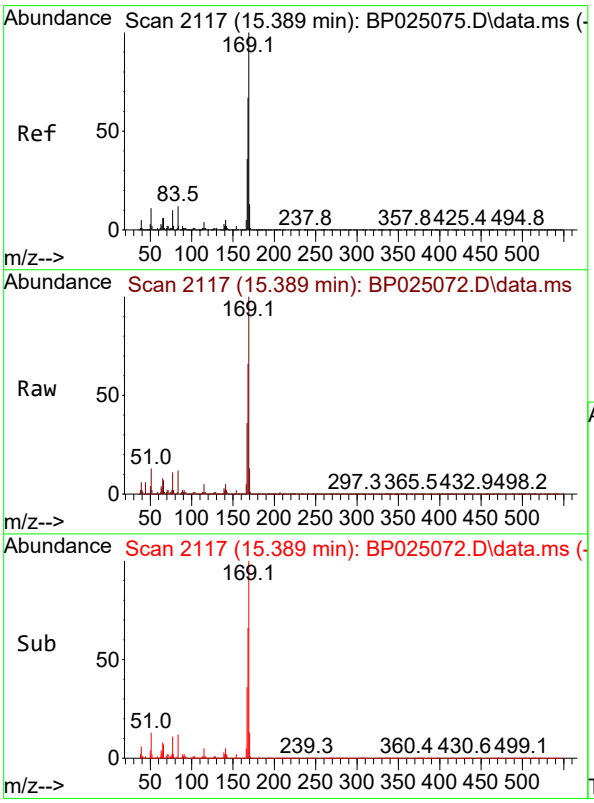
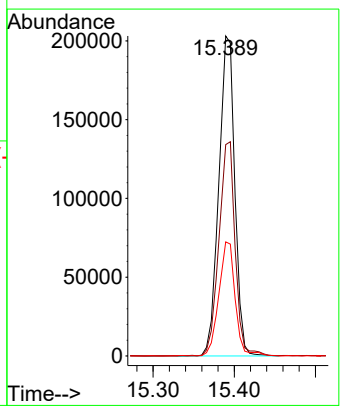
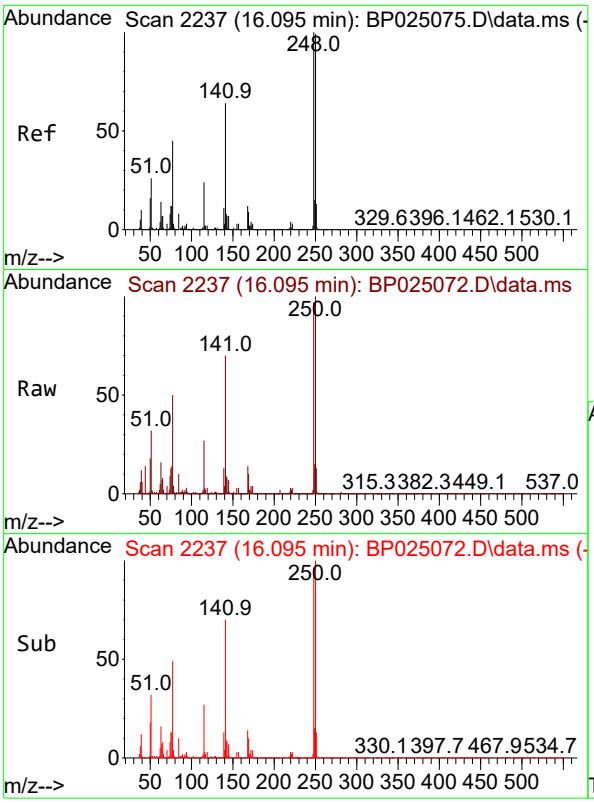


#66
n-Nitrosodiphenylamine
Concen: 4.863 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:169 Resp: 278113

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.1	81.1
167	35.7	29.0	43.6

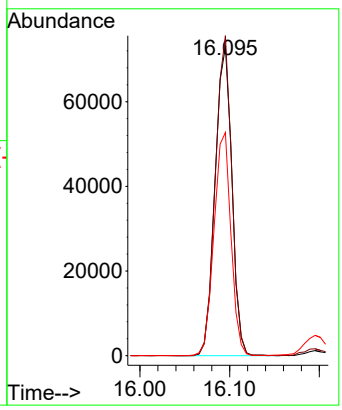




#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:248 Resp: 9531

Ion	Ratio	Lower	Upper
248	100		
250	103.6	79.4	119.2
141	72.3	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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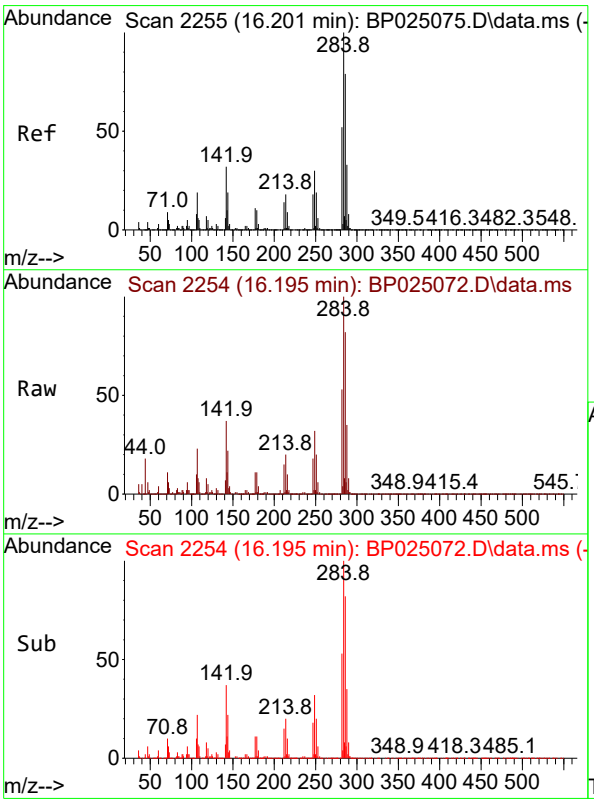
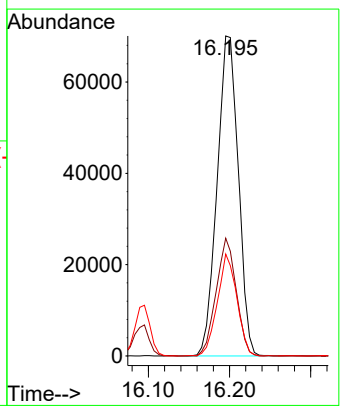
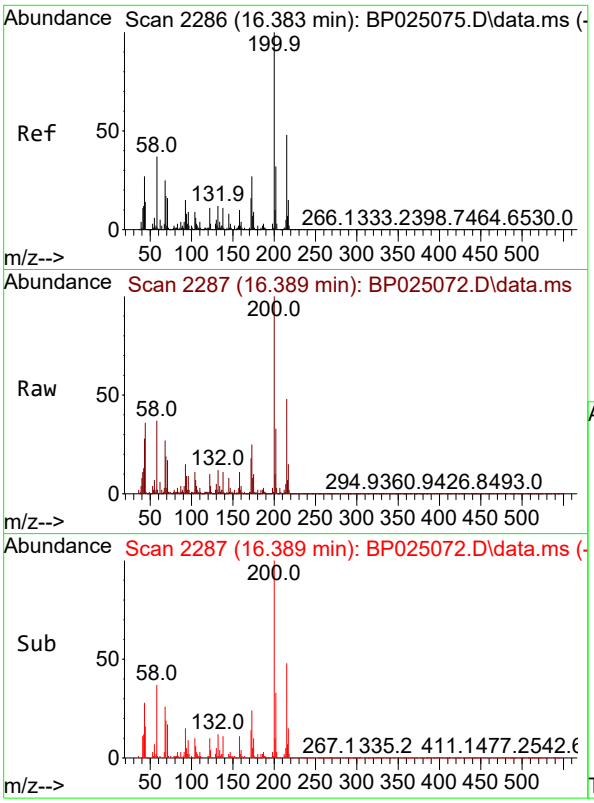


#68
Hexachlorobenzene
Concen: 5.093 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:284 Resp: 127389

Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.9	38.9
249	31.9	23.8	35.8

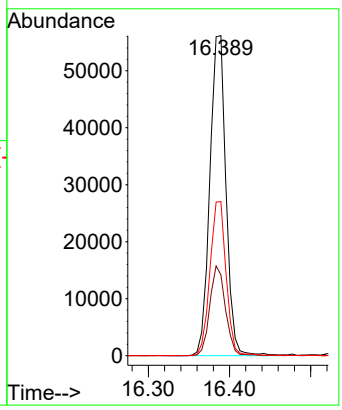




#69
Atrazine
Concen: 4.620 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:200 Resp: 7742

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.2	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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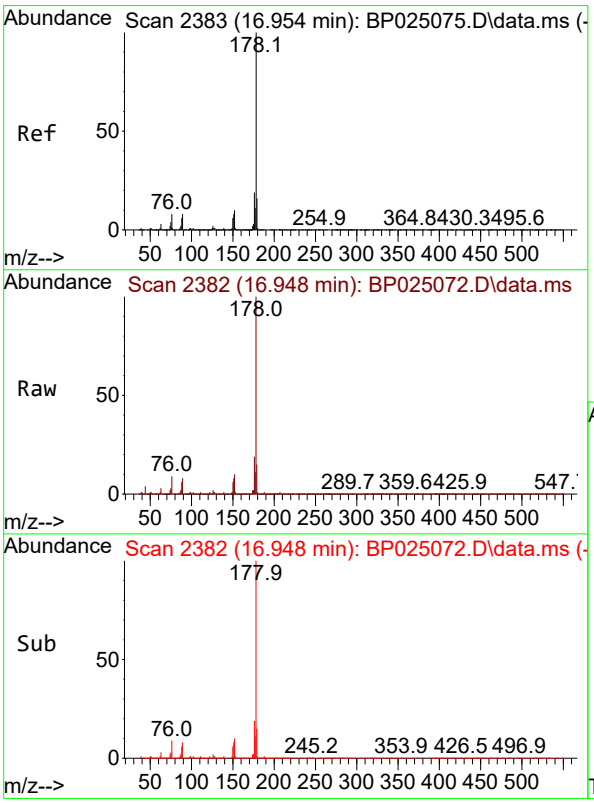
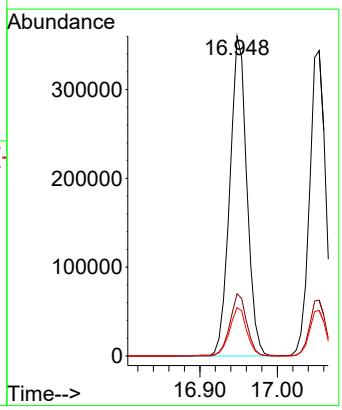
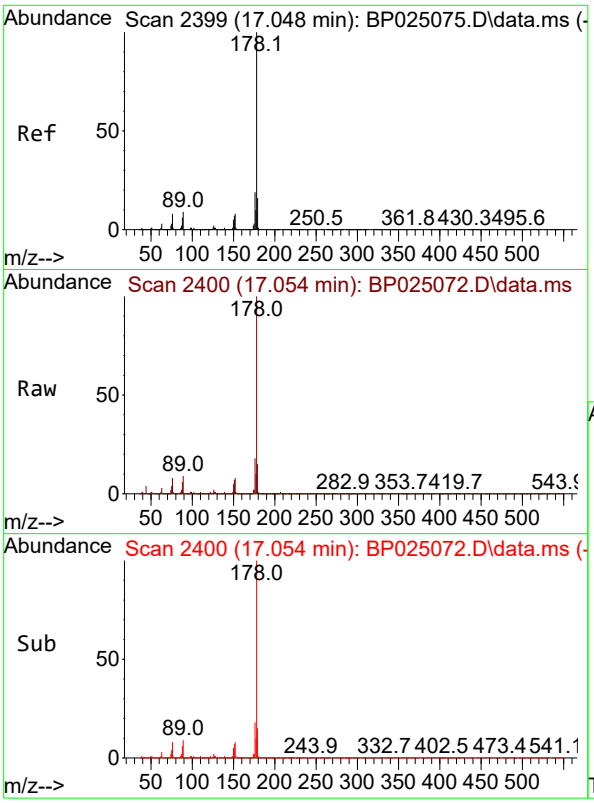


#71
Phenanthrene
Concen: 5.156 ng
RT: 16.948 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 550598

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.6	19.0

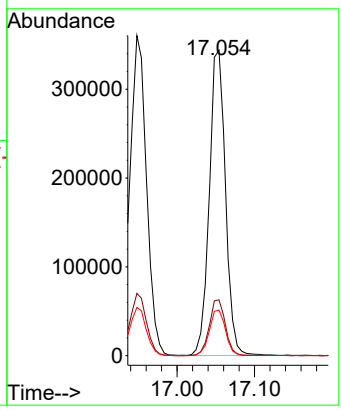




#72
Anthracene
Concen: 4.868 ng
RT: 17.054 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 49869

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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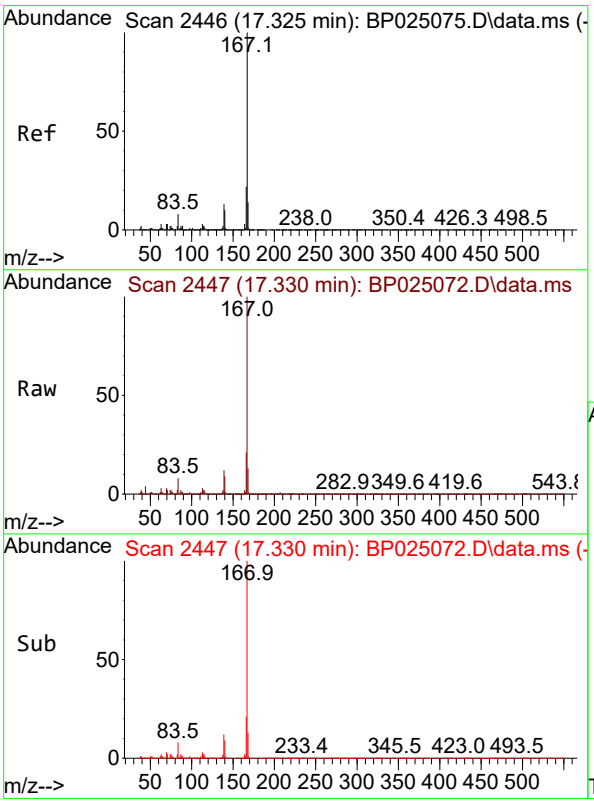
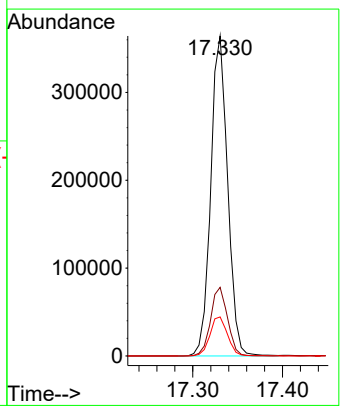
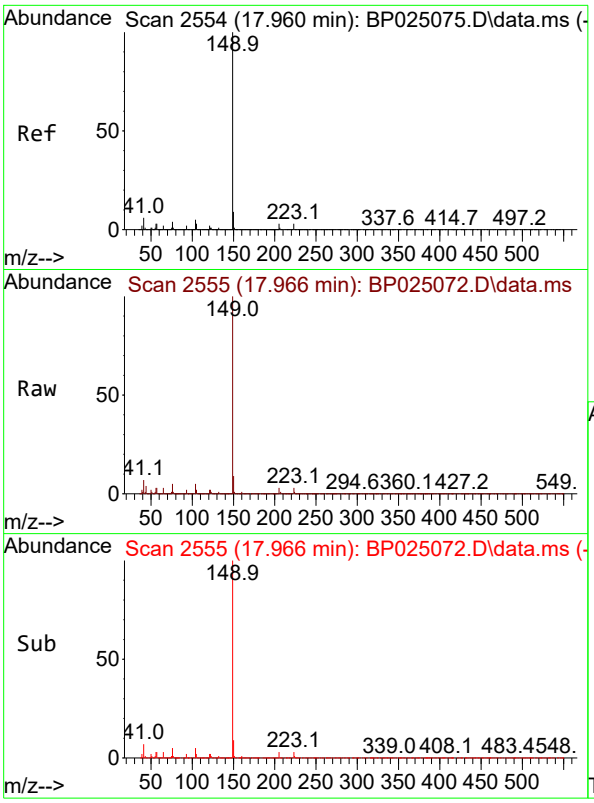


#73
Carbazole
Concen: 4.758 ng
RT: 17.330 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:167 Resp: 476619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	10.4	15.6

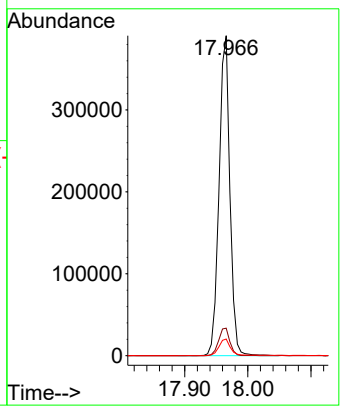




#74
Di-n-butylphthalate
Concen: 4.162 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 46427

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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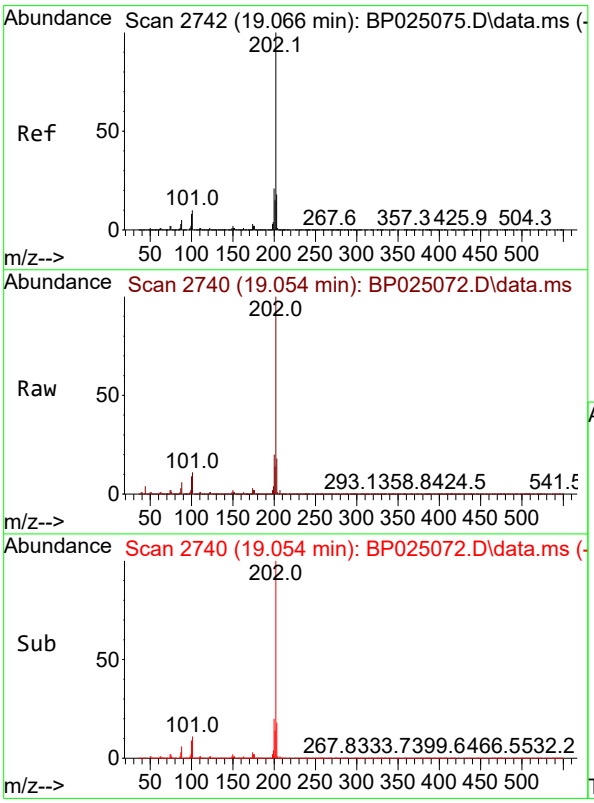
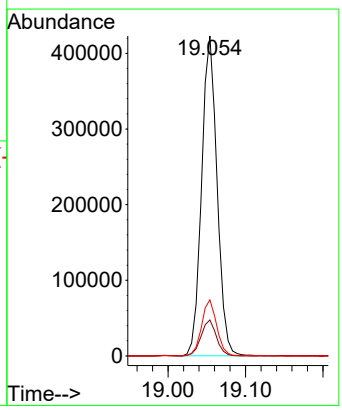
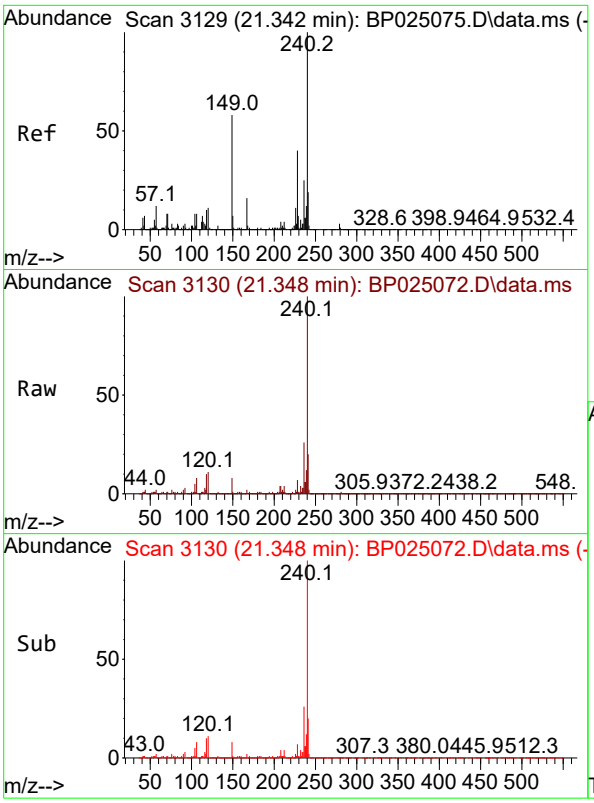


#75
Fluoranthene
Concen: 4.684 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 584660

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	17.6	0.0	37.6

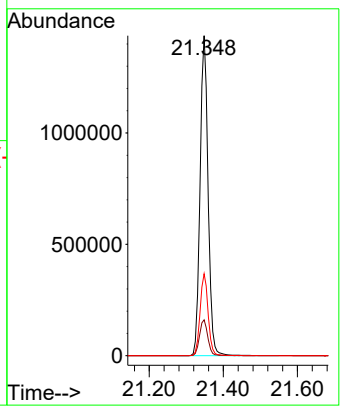




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:240 Resp: 214377

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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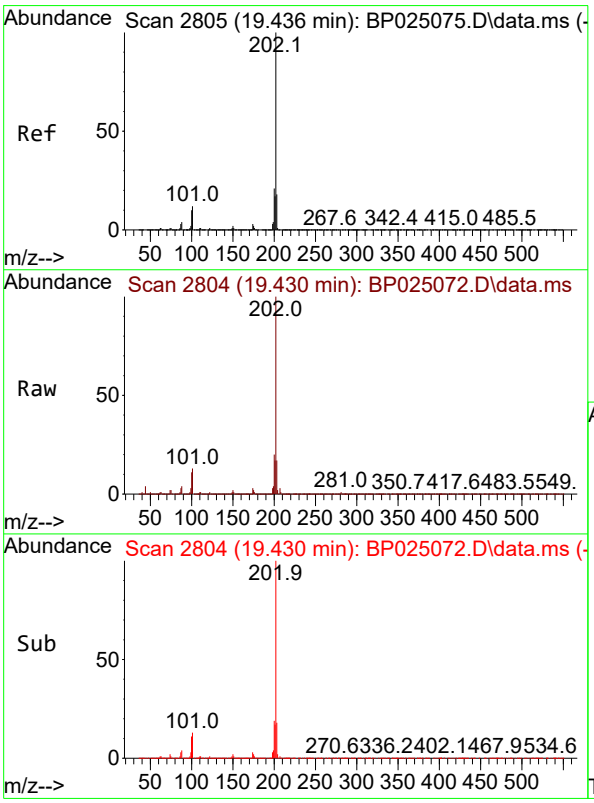
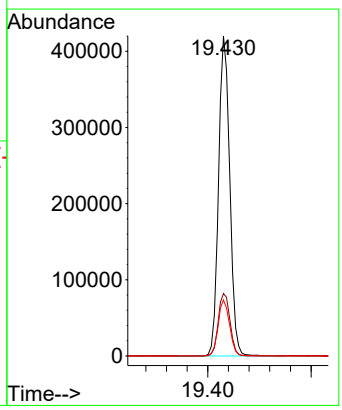
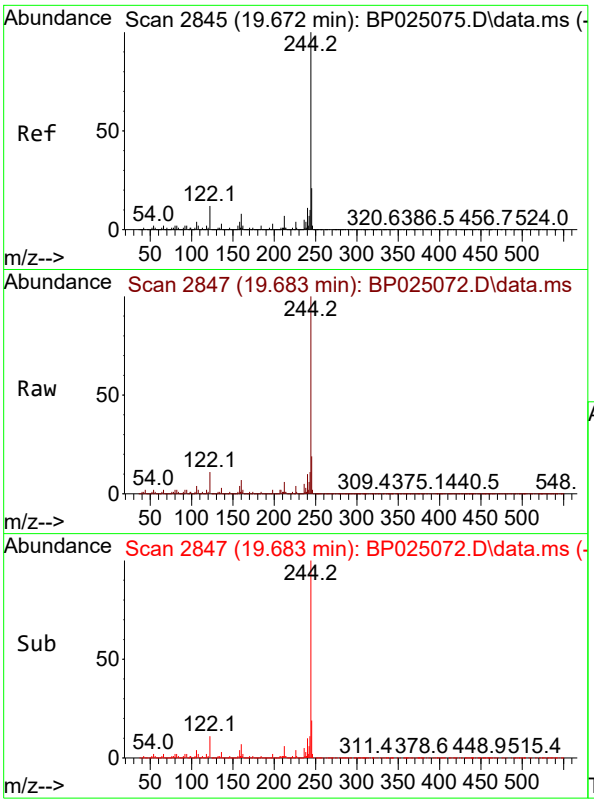


#78
Pyrene
Concen: 4.750 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 630754

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.1	25.7
203	17.5	14.1	21.1

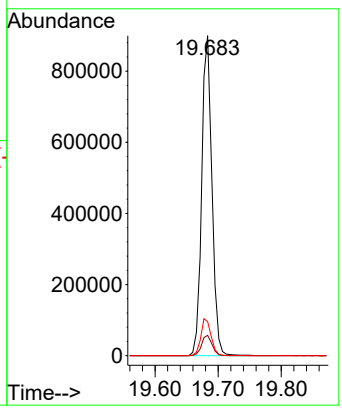




#79
Terphenyl-d14
Concen: 10.363 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:244 Resp: 101082

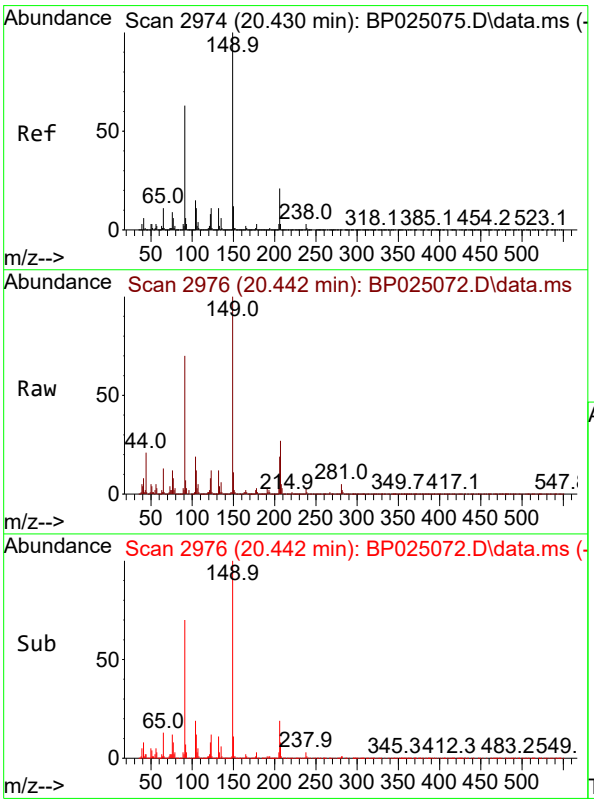
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

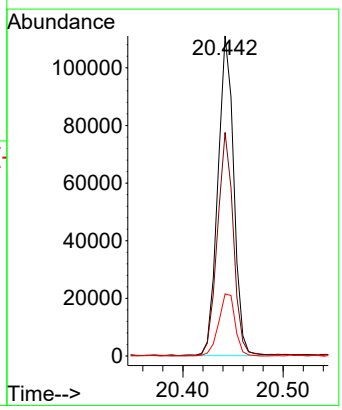
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

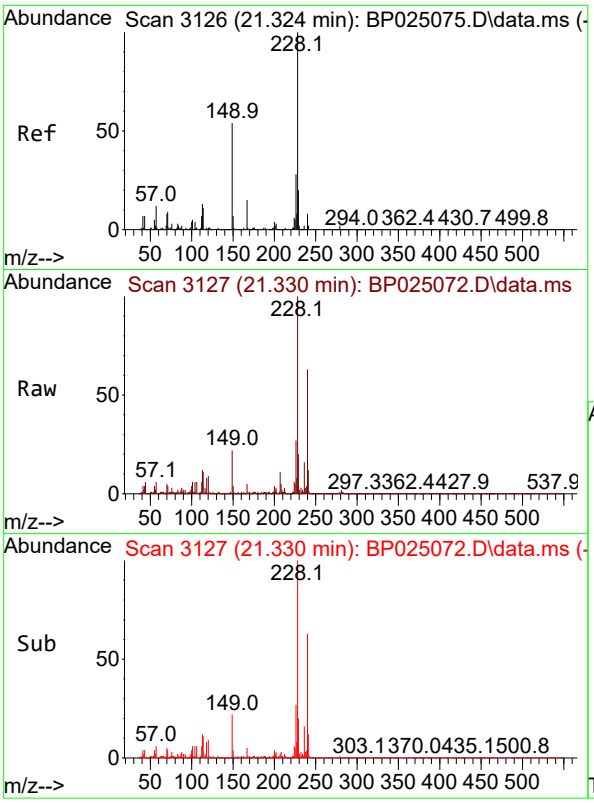


#80
Butylbenzylphthalate
Concen: 5.890 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 122350

Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.6	76.0
206	19.4	17.2	25.8

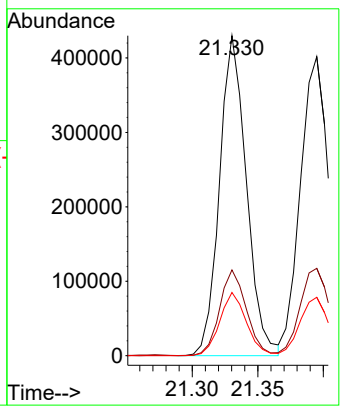




#81
Benzo(a)anthracene
Concen: 4.729 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 61435

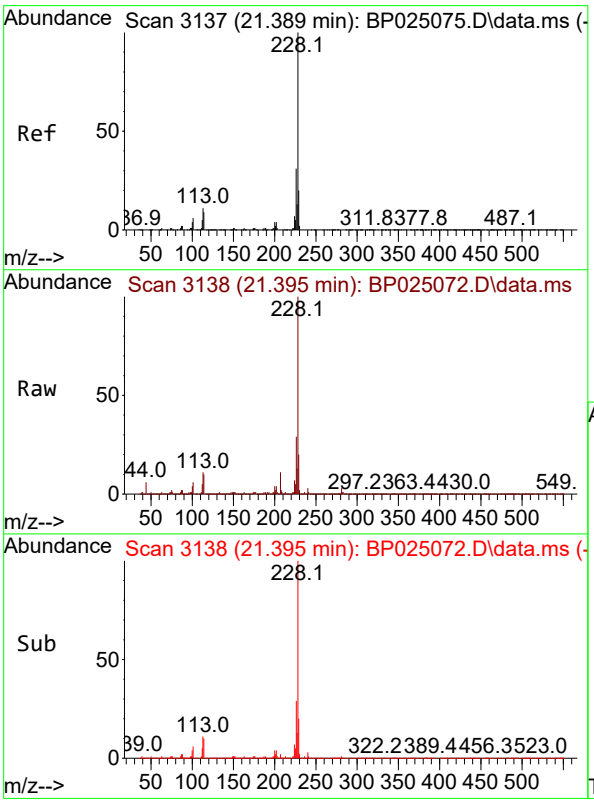
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

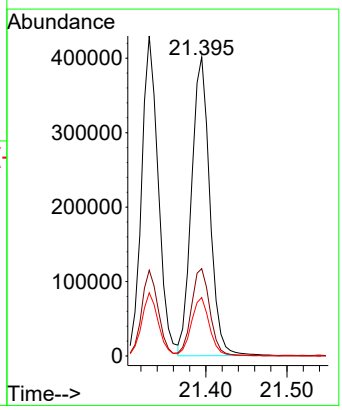
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

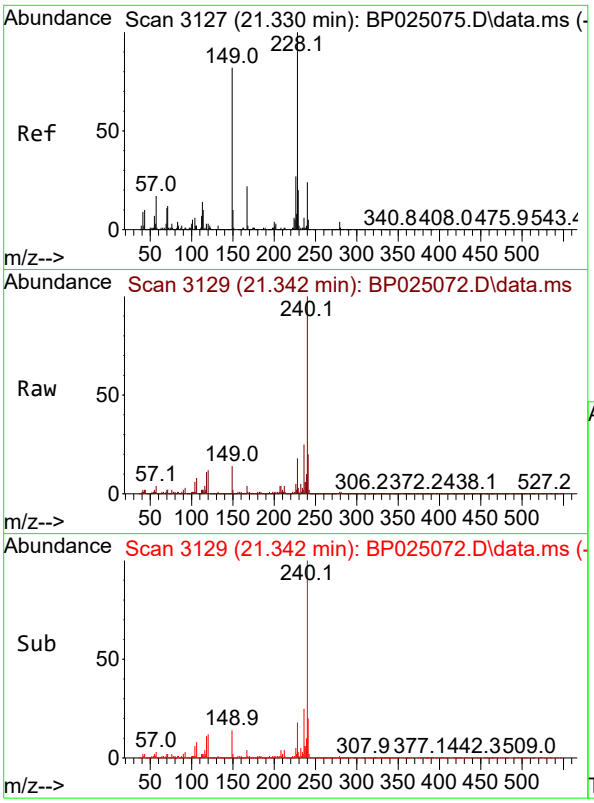


#83
Chrysene
Concen: 5.013 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 626717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	19.5	16.0	24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

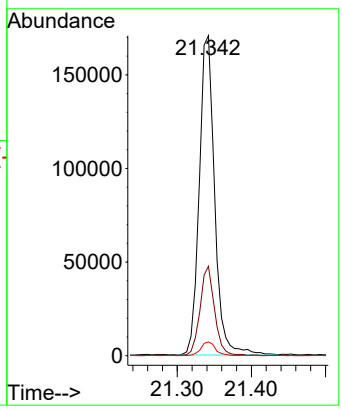
Tgt Ion:149 Resp: 24674

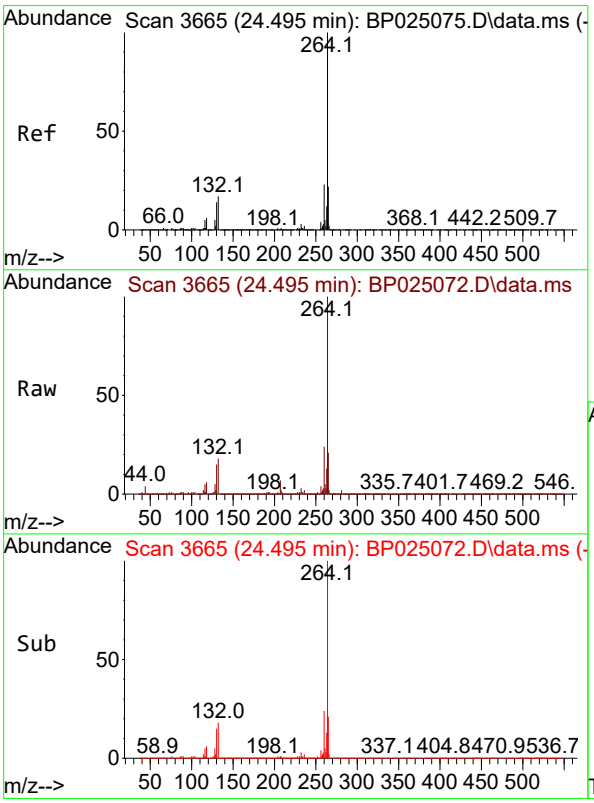
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.3	3.5	5.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

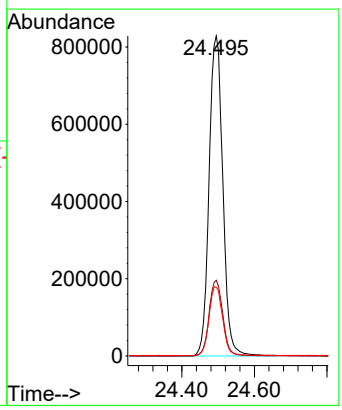


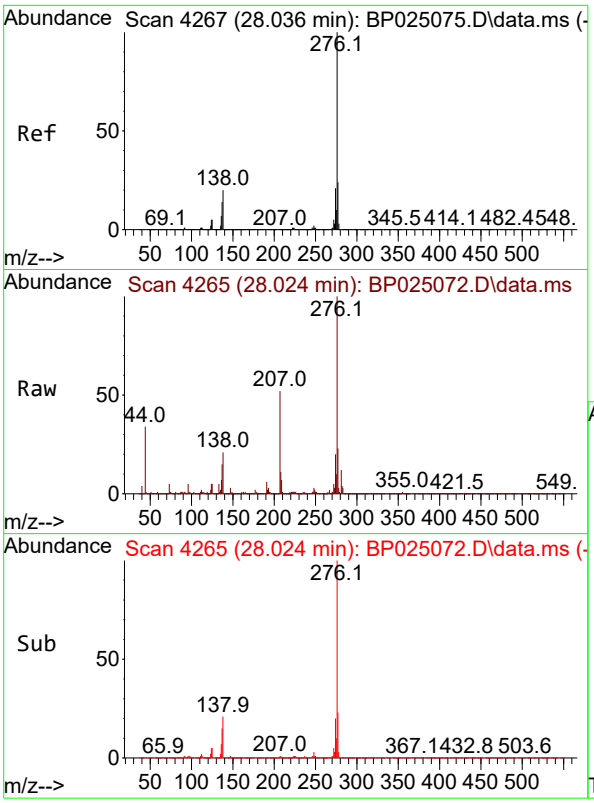


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:264 Resp: 2178150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5

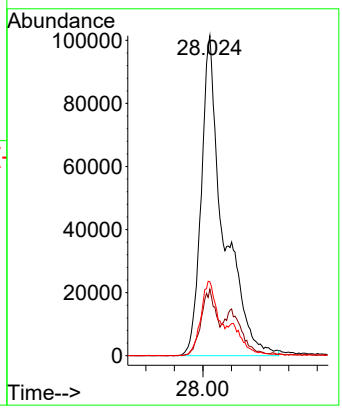




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.935 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 54614

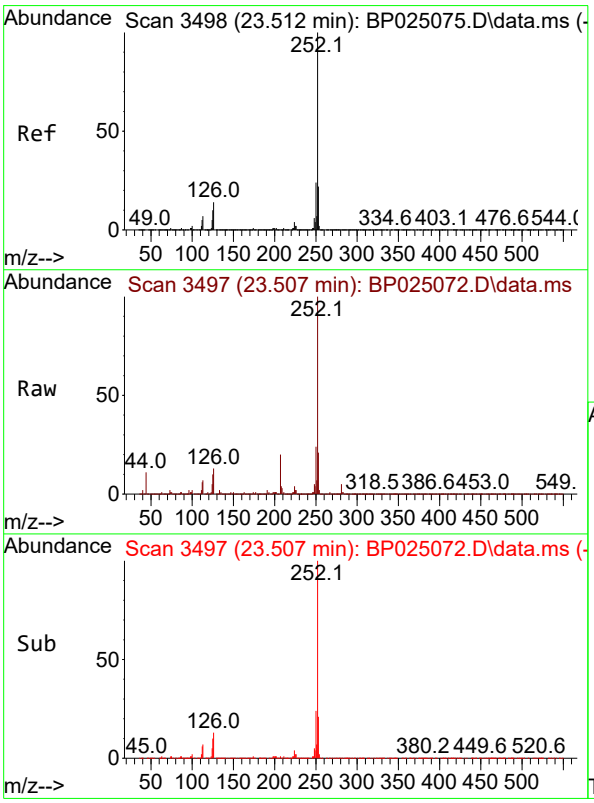
Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.0	19.6
277	17.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

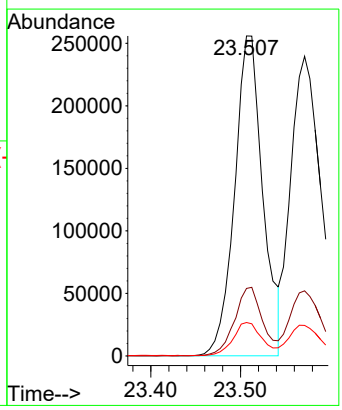
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

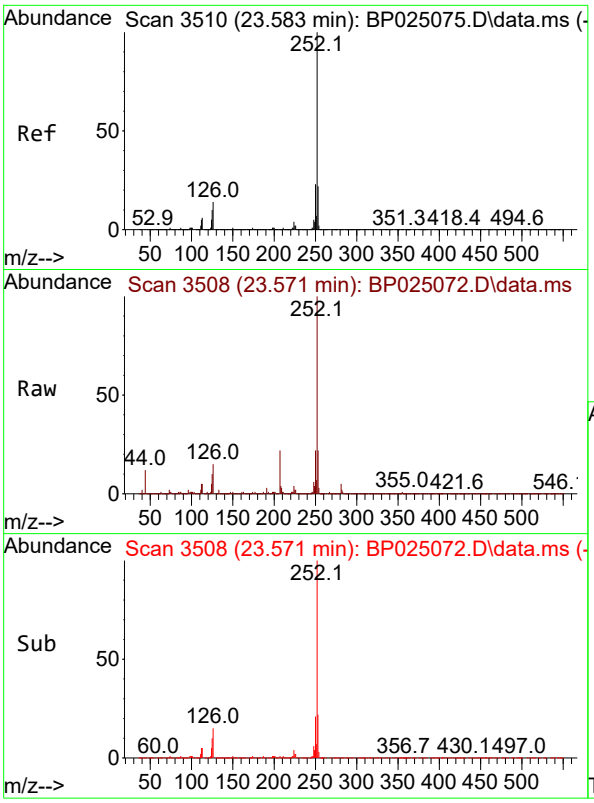


#88
Benzo(b)fluoranthene
Concen: 4.418 ng
RT: 23.507 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 560057

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.5	8.1	12.1

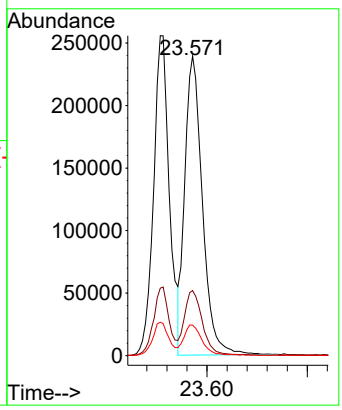




#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 58266

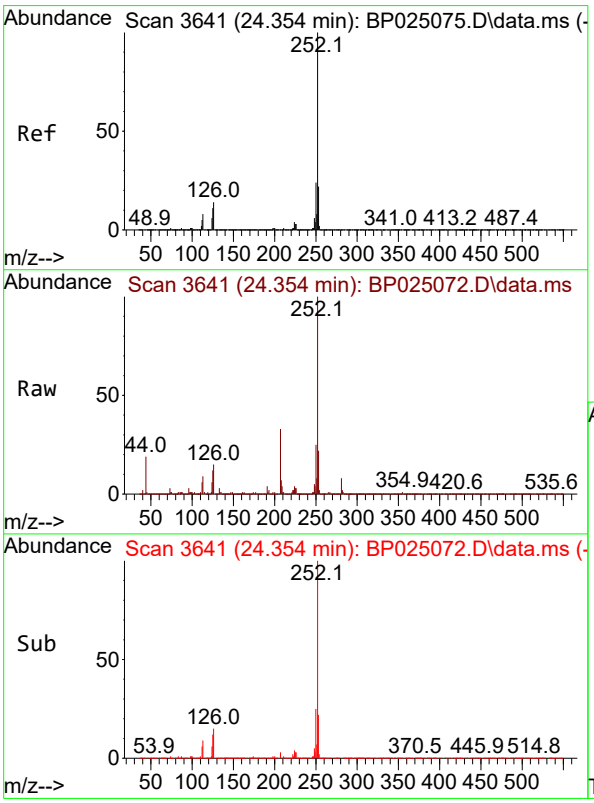
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

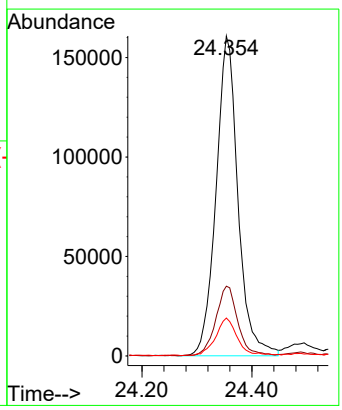
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

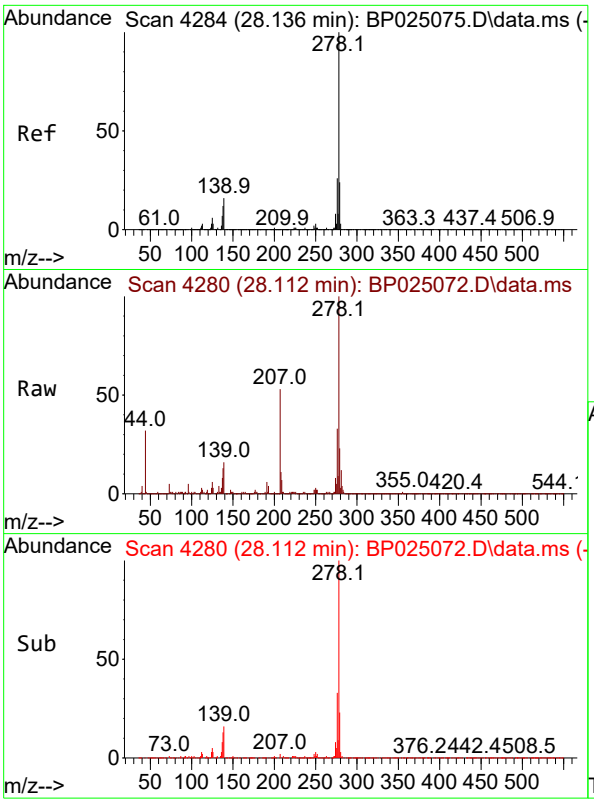


#90
Benzo(a)pyrene
Concen: 4.121 ng
RT: 24.354 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 444644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4

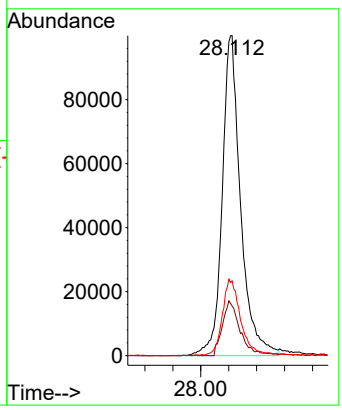




#91
Dibenzo(a,h)anthracene
Concen: 3.988 ng
RT: 28.112 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:278 Resp: 45743

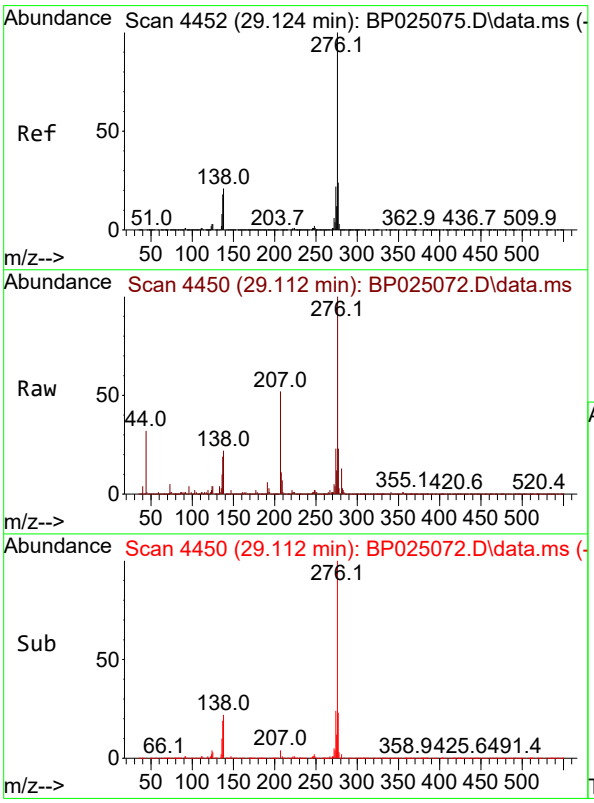
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.4	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

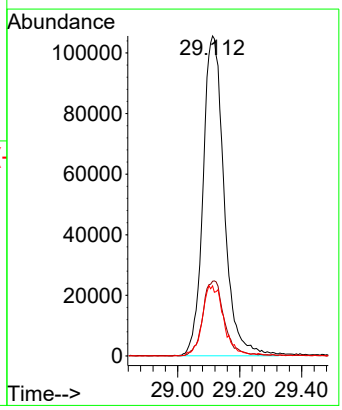
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 4.207 ng
RT: 29.112 min Scan# 4450
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 498456

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.9	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.449	152	342992	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	1376560	20.000	ng		0.01
39) Acenaphthene-d10	14.096	164	924609	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1970410	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2172955	20.000	ng		0.00
86) Perylene-d12	24.489	264	2220570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	376746	19.462	ng		0.00
7) Phenol-d6	6.631	99	482699	19.108	ng		0.00
23) Nitrobenzene-d5	8.566	82	381978	18.454	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	198235	18.149	ng		0.00
45) 2-Fluorobiphenyl	12.701	172	1211432	20.297	ng		0.00
79) Terphenyl-d14	19.672	244	1997838	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	77575	10.306	ng		98
3) Pyridine	3.490	79	197662	9.598	ng		97
4) n-Nitrosodimethylamine	3.408	42	85827	9.836	ng	#	92
6) Aniline	6.790	93	227023	9.619	ng		98
8) 2-Chlorophenol	7.014	128	206980	9.556	ng		96
9) Benzaldehyde	6.602	77	154921	11.743	ng		98
10) Phenol	6.655	94	250593	9.763	ng		99
11) bis(2-Chloroethyl)ether	6.890	93	195263	9.885	ng		98
12) 1,3-Dichlorobenzene	7.343	146	245857	10.143	ng		98
13) 1,4-Dichlorobenzene	7.478	146	245523	10.004	ng		98
14) 1,2-Dichlorobenzene	7.790	146	237961	10.079	ng		98
15) Benzyl Alcohol	7.678	79	152168	9.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.978	45	260708	10.150	ng		97
17) 2-Methylphenol	7.878	107	155778	9.422	ng		98
18) Hexachloroethane	8.502	117	75576	9.453	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	146424	9.774	ng		97
20) 3+4-Methylphenols	8.196	107	213641	9.225	ng		97
22) Acetophenone	8.243	105	330725	10.159	ng		98
24) Nitrobenzene	8.608	77	201551	9.560	ng		99
25) Isophorone	9.137	82	367740	9.507	ng		100
26) 2-Nitrophenol	9.313	139	63769	9.106	ng		92
27) 2,4-Dimethylphenol	9.390	122	134296	9.307	ng		97
28) bis(2-Chloroethoxy)met...	9.625	93	255336	9.722	ng		99
29) 2,4-Dichlorophenol	9.843	162	181263	9.059	ng		99
30) 1,2,4-Trichlorobenzene	10.066	180	219650	9.913	ng		99
31) Naphthalene	10.243	128	709141	10.005	ng		99
32) Benzoic acid	9.455	122	79225	10.455	ng		95
33) 4-Chloroaniline	10.343	127	254489	9.621	ng		98
34) Hexachlorobutadiene	10.549	225	124190	9.767	ng		99
35) Caprolactam	11.084	113	59547	8.700	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	192224	9.193	ng		99
37) 2-Methylnaphthalene	11.872	142	489608	9.790	ng		99
38) 1-Methylnaphthalene	12.084	142	484403	9.931	ng		100
40) 1,2,4,5-Tetrachloroben...	12.249	216	253871	9.554	ng		99
41) Hexachlorocyclopentadiene	12.243	237	55283	7.965	ng		96
43) 2,4,6-Trichlorophenol	12.490	196	136269	8.469	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	161200	8.840	ng		98
46) 1,1'-Biphenyl	12.913	154	663919	9.869	ng		99
47) 2-Chloronaphthalene	12.949	162	503580	9.959	ng		98
48) 2-Nitroaniline	13.143	65	85669	9.283	ng		97
49) Acenaphthylene	13.807	152	750027	9.692	ng		99
50) Dimethylphthalate	13.554	163	636102	9.828	ng		99
51) 2,6-Dinitrotoluene	13.660	165	110177	8.728	ng		95
52) Acenaphthene	14.160	154	496424m	9.953	ng		
53) 3-Nitroaniline	13.990	138	114723	8.481	ng	#	95
54) 2,4-Dinitrophenol	14.201	184	35399	10.737	ng		96
55) Dibenzofuran	14.507	168	838464	10.186	ng		100
56) 4-Nitrophenol	14.301	139	98038	7.853	ng		92
57) 2,4-Dinitrotoluene	14.466	165	131885	9.365	ng		98
58) Fluorene	15.172	166	639683	10.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	146800	8.890	ng		97
60) Diethylphthalate	14.960	149	636288	9.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	317737	10.084	ng		98
62) 4-Nitroaniline	15.178	138	123493	8.706	ng		93
63) Azobenzene	15.478	77	589360	10.181	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	52978	10.800	ng		87
66) n-Nitrosodiphenylamine	15.390	169	539820	9.573	ng		99
67) 4-Bromophenyl-phenylether	16.090	248	186736	9.256	ng		93
68) Hexachlorobenzene	16.195	284	236838	9.604	ng		98
69) Atrazine	16.384	200	164479	9.954	ng		100
70) Pentachlorophenol	16.554	266	129459	7.774	ng		98
71) Phenanthrene	16.960	178	1068228	10.146	ng		99
72) Anthracene	17.042	178	980773	9.710	ng		99
73) Carbazole	17.331	167	979377	9.917	ng		99
74) Di-n-butylphthalate	17.966	149	979540	8.907	ng		100
75) Fluoranthene	19.060	202	1203752	9.781	ng		99
77) Benzidine	19.266	184	192008	5.003	ng		99
78) Pyrene	19.442	202	1286495	9.559	ng		99
80) Butylbenzylphthalate	20.430	149	300028	9.024	ng		95
81) Benzo(a)anthracene	21.325	228	1276106	9.691	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	270931	6.834	ng		99
83) Chrysene	21.389	228	1246003	9.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	564998	7.999	ng		97
85) Di-n-octyl phthalate	22.554	149	662011	10.561	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	1222863	8.642	ng		98
88) Benzo(b)fluoranthene	23.495	252	1180548	9.134	ng		100
89) Benzo(k)fluoranthene	23.560	252	1252989	9.743	ng		99
90) Benzo(a)pyrene	24.342	252	963455	8.758	ng		99
91) Dibenzo(a,h)anthracene	28.118	278	1022797	8.747	ng		100
92) Benzo(g,h,i)perylene	29.095	276	1073371	8.886	ng		99

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

ICAL Form

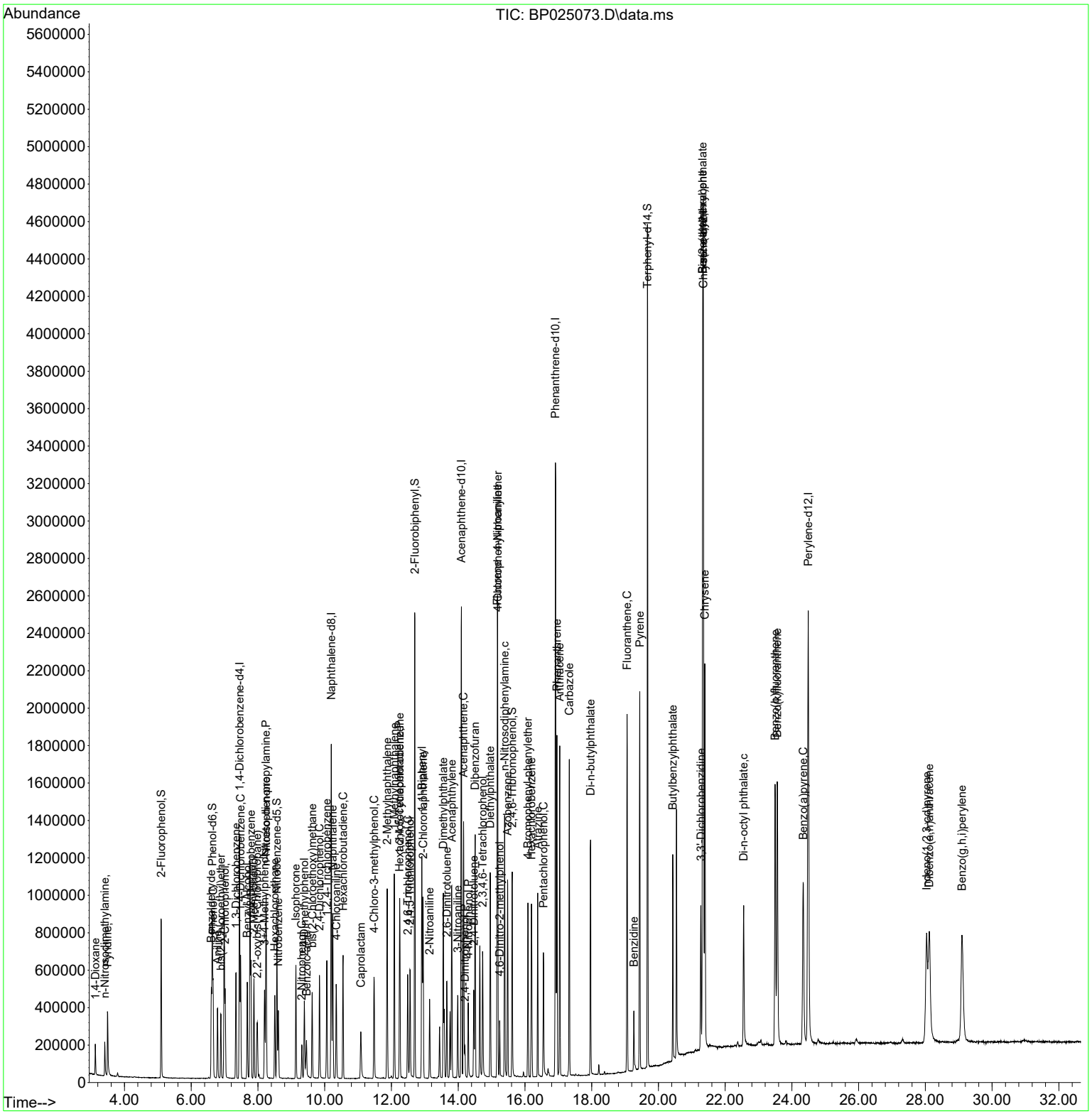
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

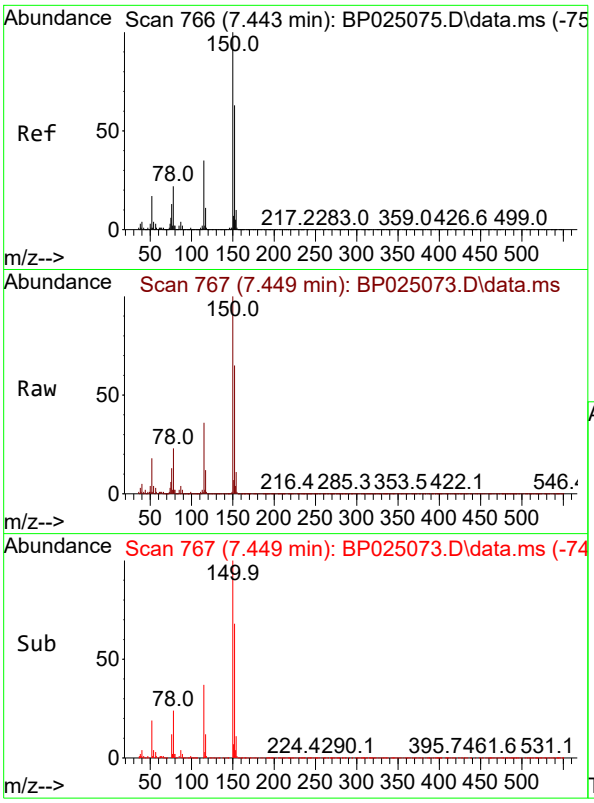
Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

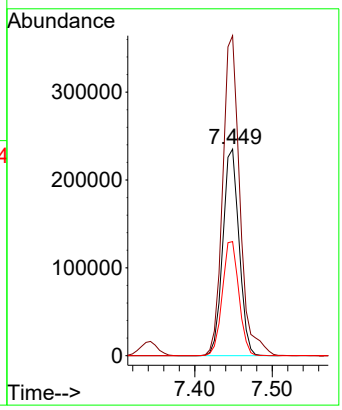




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:152 Resp: 34299

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.2	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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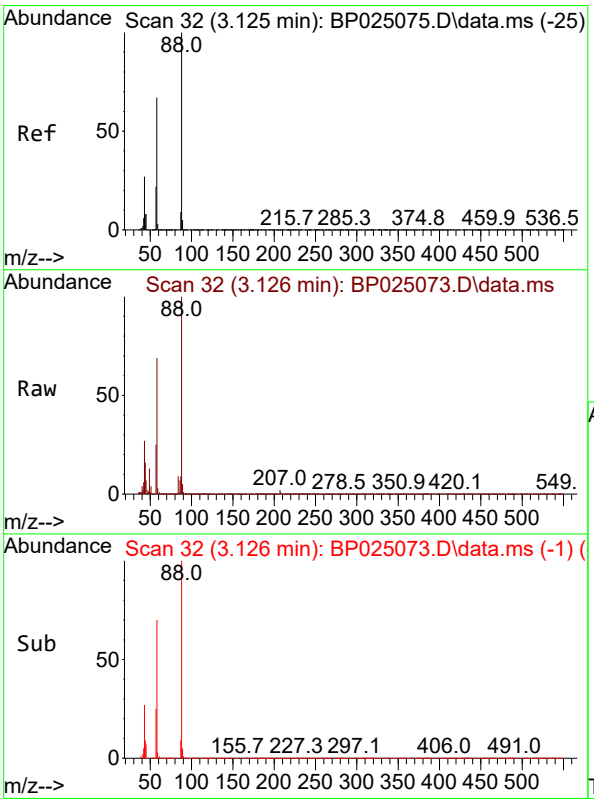
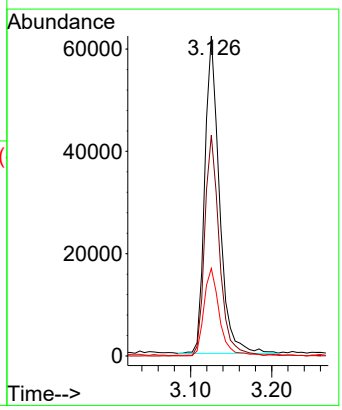
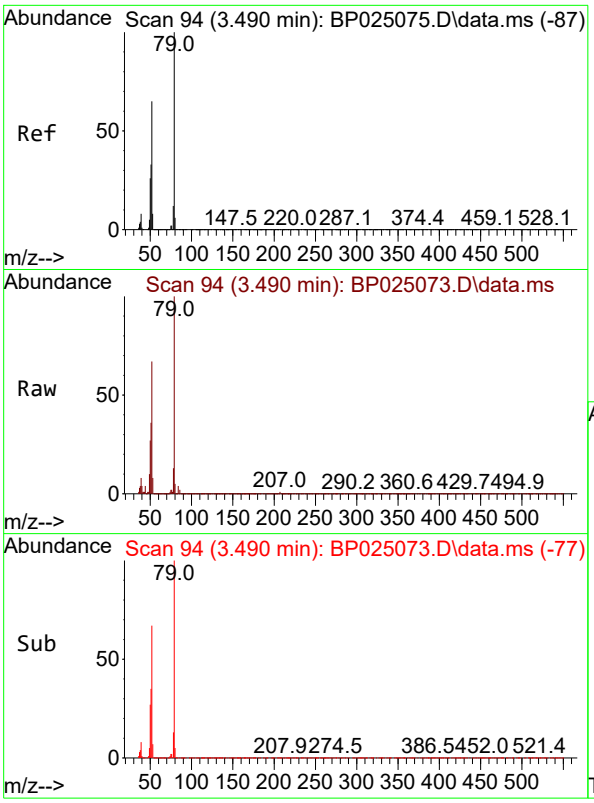


#2
1,4-Dioxane
Concen: 10.306 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 88 Resp: 77575

Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.0	82.4
43	28.7	21.9	32.9

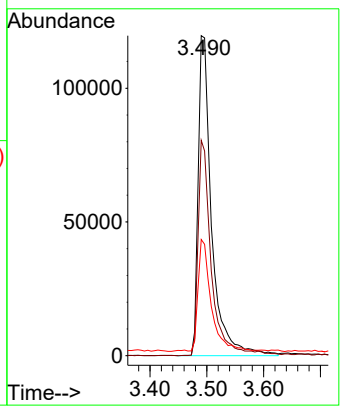




#3
Pyridine
Concen: 9.598 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 79 Resp: 19766

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	36.3	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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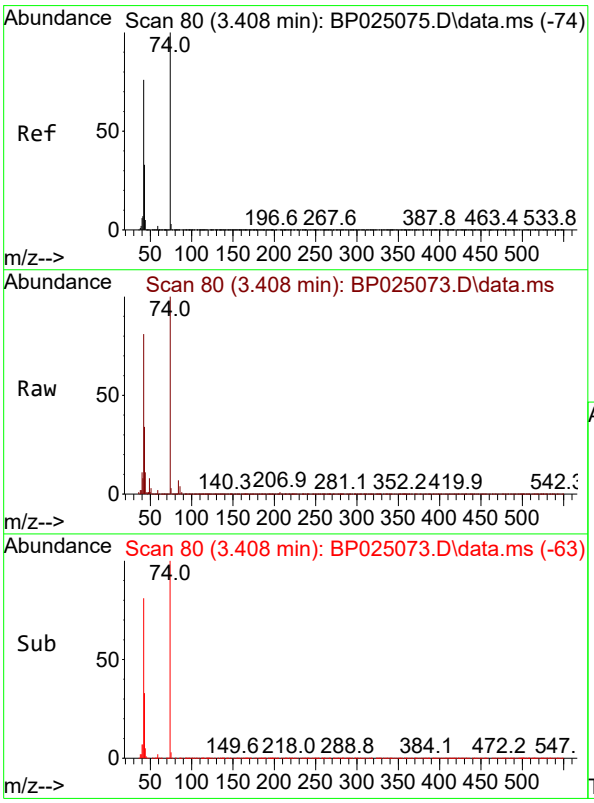
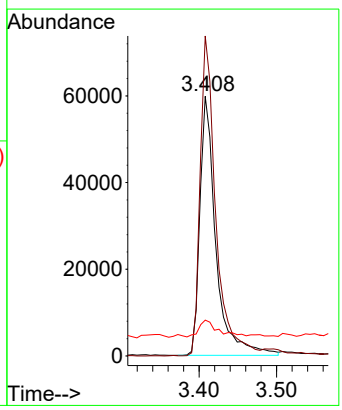
Supervised By :Jagrut Upadhyay 07/07/2025

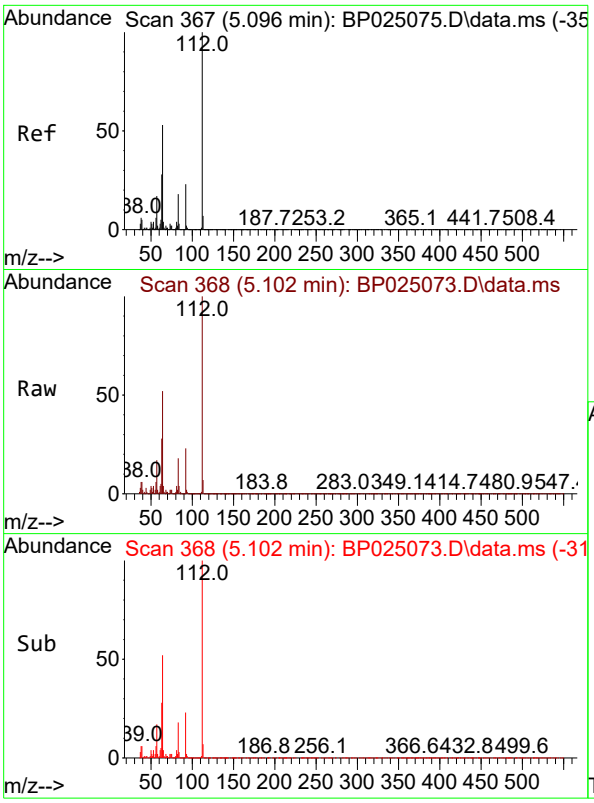


#4
n-Nitrosodimethylamine
Concen: 9.836 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
74	123.2	105.2	157.8
44	13.8	6.6	9.8#

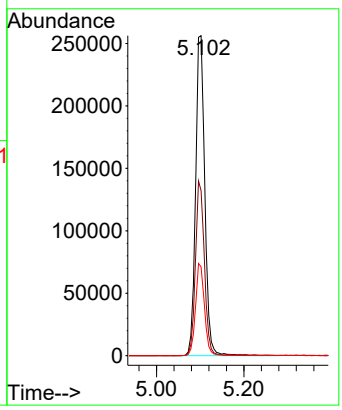




#5
2-Fluorophenol
Concen: 19.462 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:112 Resp: 37674

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	27.7	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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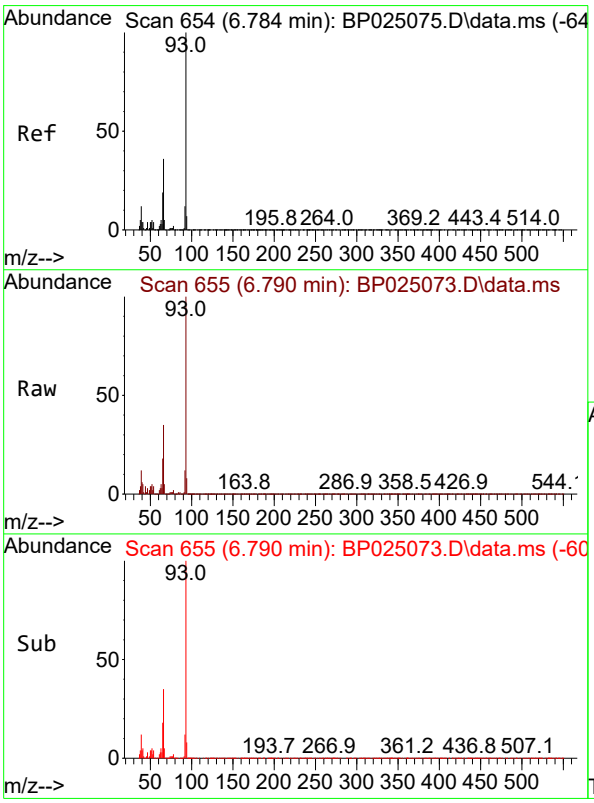
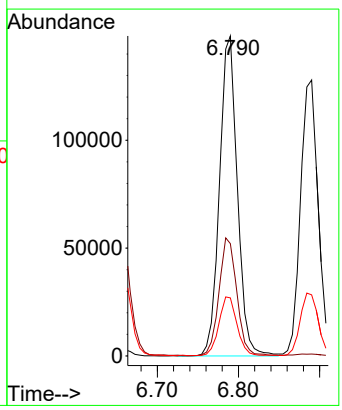
Supervised By :Jagrut Upadhyay 07/07/2025

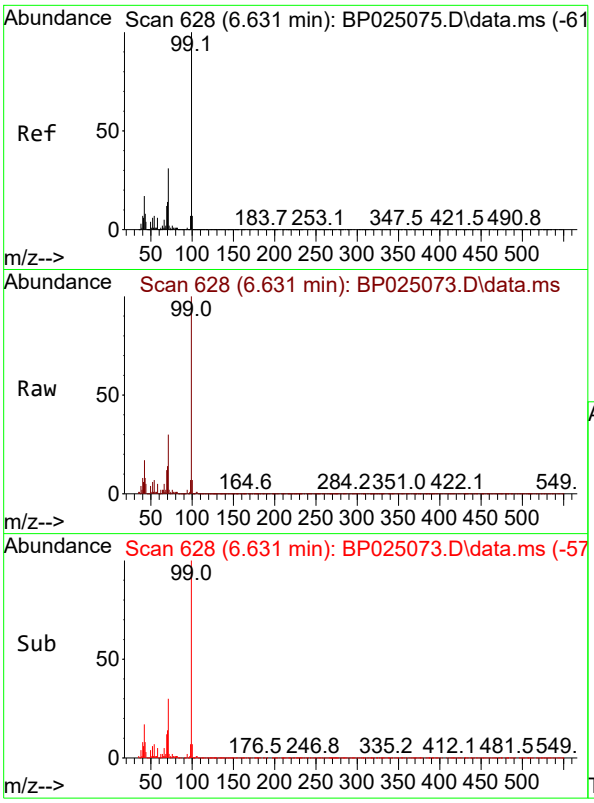


#6
Aniline
Concen: 9.619 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 227023

Ion	Ratio	Lower	Upper
93	100		
66	35.1	28.9	43.3
65	18.2	15.2	22.8

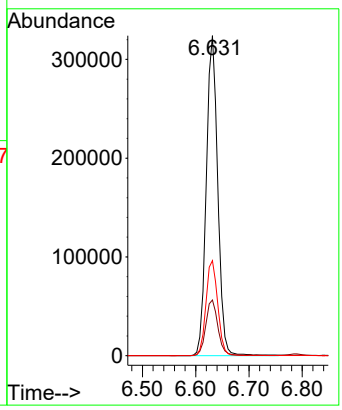




#7
Phenol-d6
Concen: 19.108 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 99 Resp: 48269

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	29.7	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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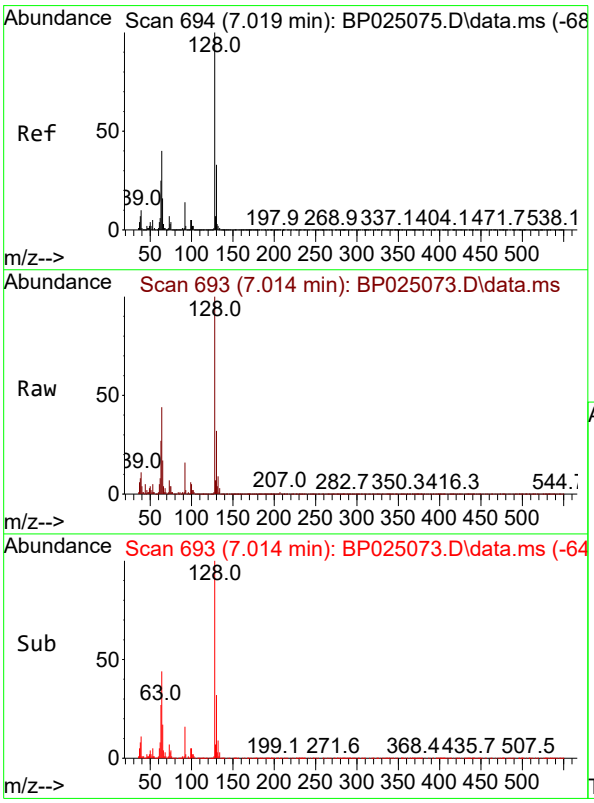
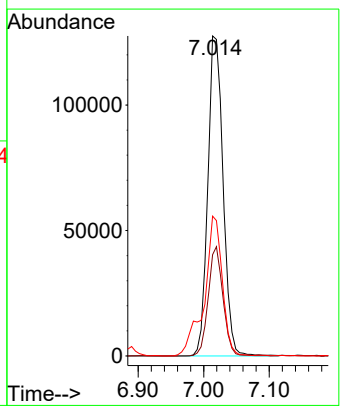
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

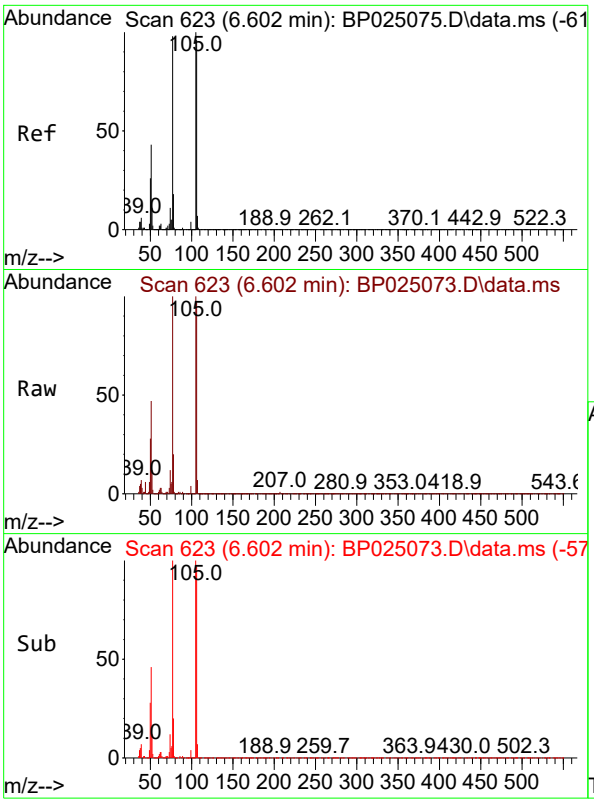


#8
2-Chlorophenol
Concen: 9.556 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 206980

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	43.7	20.3	60.3

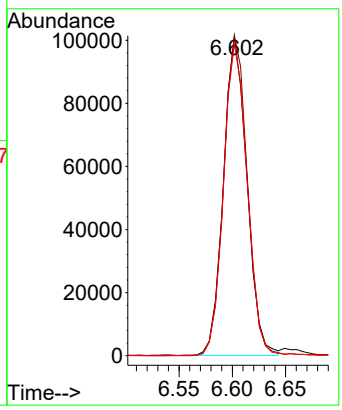




#9
Benzaldehyde
Concen: 11.743 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 15492

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.4	122.4
106	97.4	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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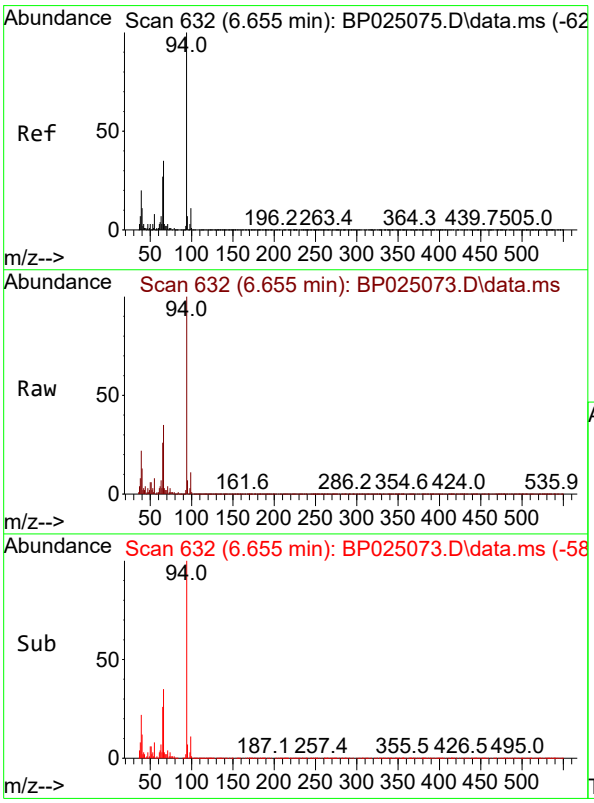
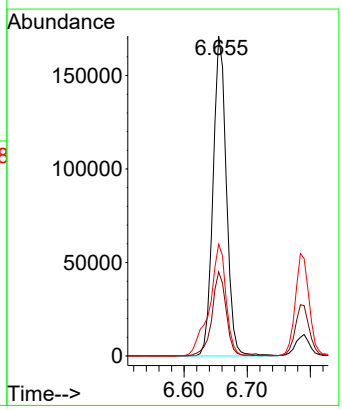
Supervised By :Jagrut Upadhyay 07/07/2025

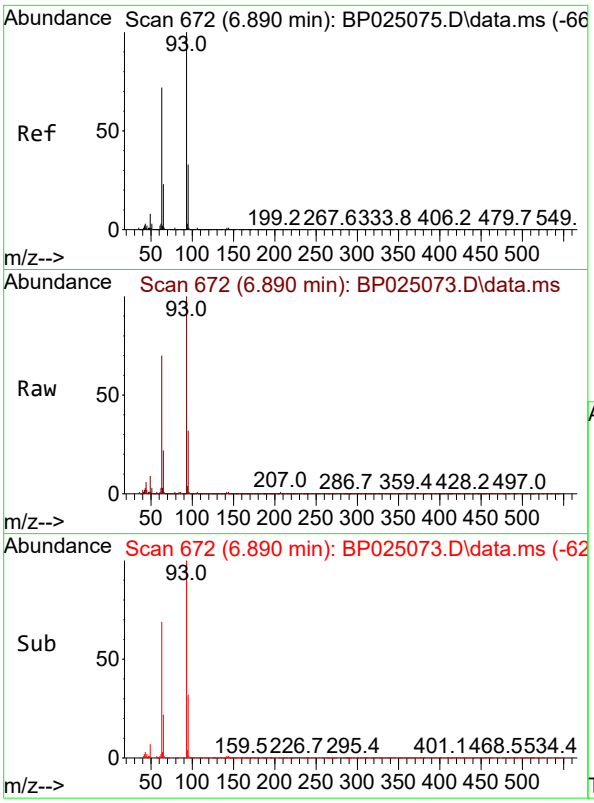


#10
Phenol
Concen: 9.763 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 94 Resp: 250593

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.9	14.6	54.6

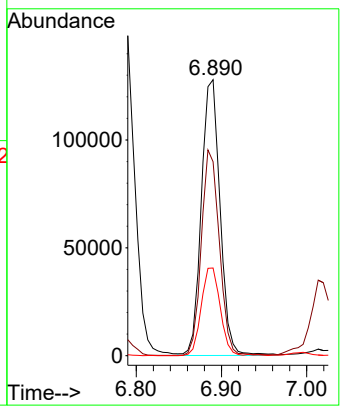




#11
bis(2-Chloroethyl)ether
Concen: 9.885 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 19526

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.9	91.9
95	31.8	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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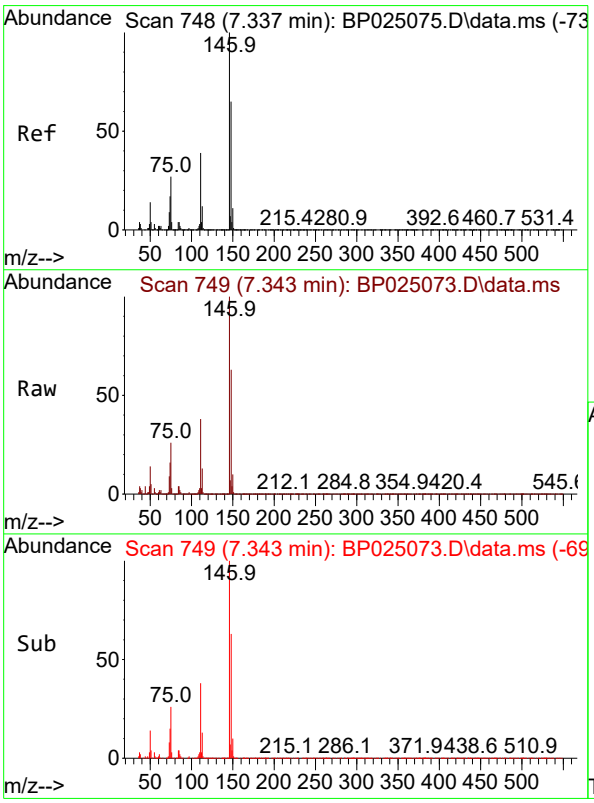
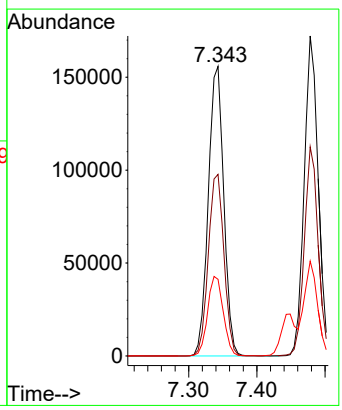
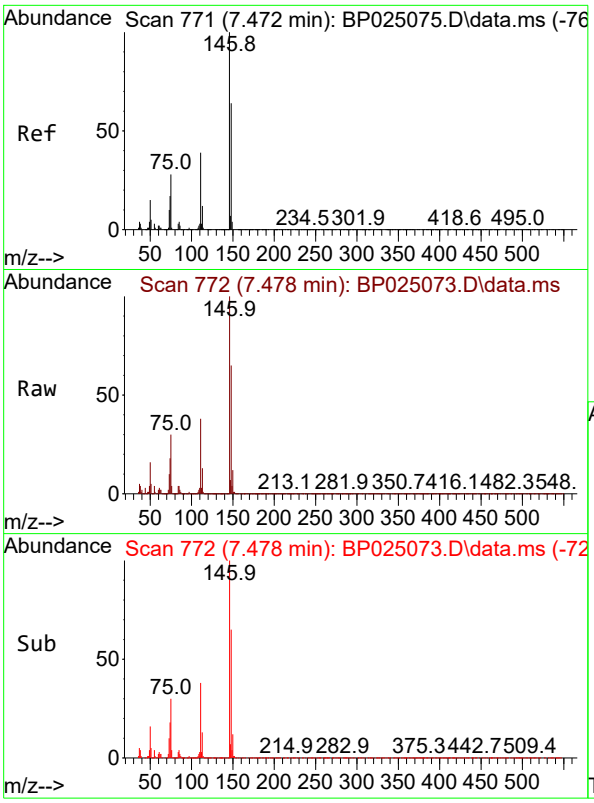


#12
1,3-Dichlorobenzene
Concen: 10.143 ng
RT: 7.343 min Scan# 749
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 245857

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	26.5	21.8	32.6

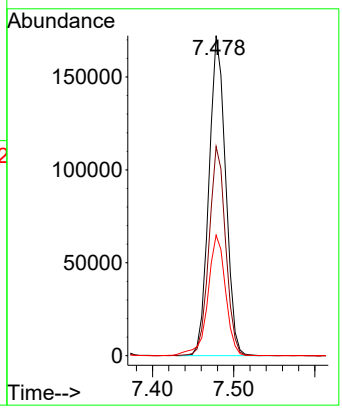




#13
1,4-Dichlorobenzene
Concen: 10.004 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 24552

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	37.7	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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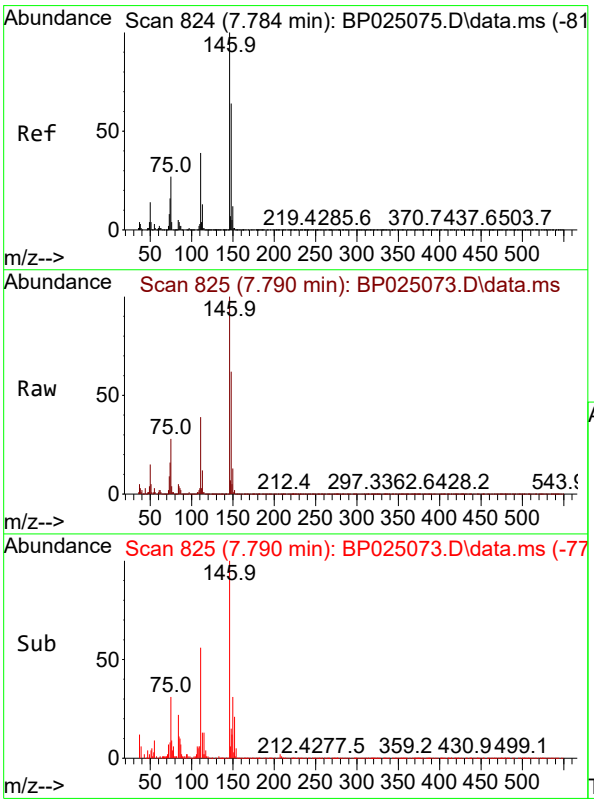
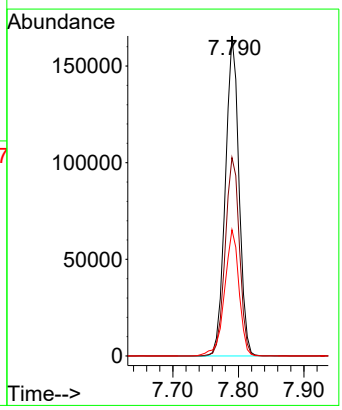
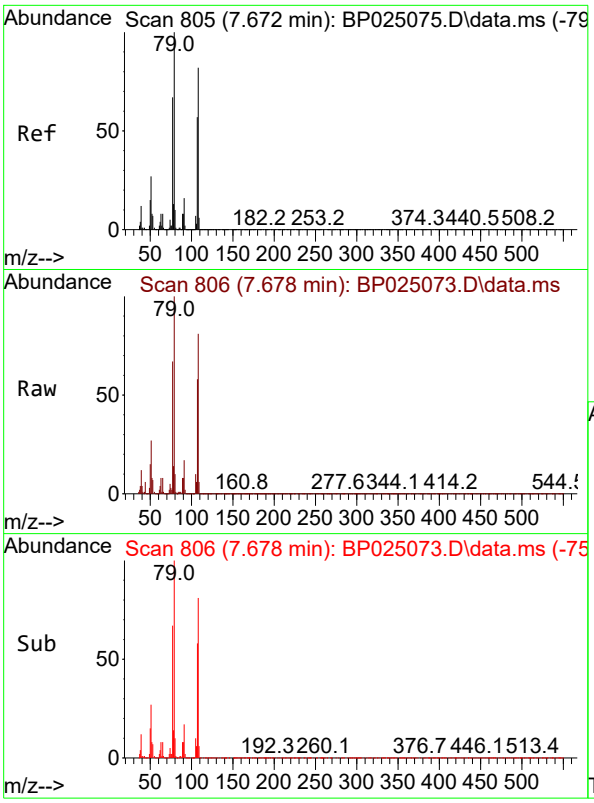


#14
1,2-Dichlorobenzene
Concen: 10.079 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 237961

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	39.5	31.2	46.8

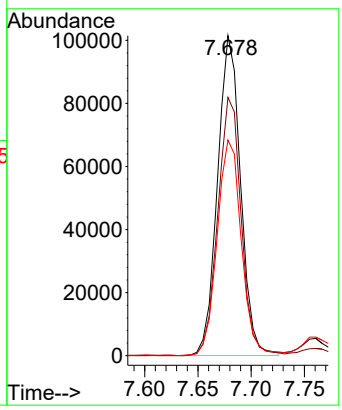




#15
Benzyl Alcohol
Concen: 9.025 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 79 Resp: 15216

Ion	Ratio	Lower	Upper
79	100		
108	80.7	66.0	99.0
77	67.4	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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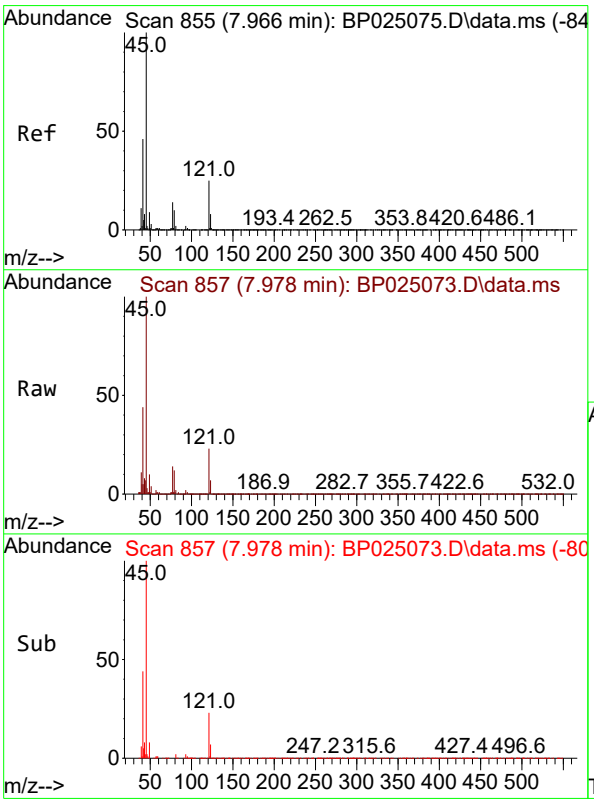
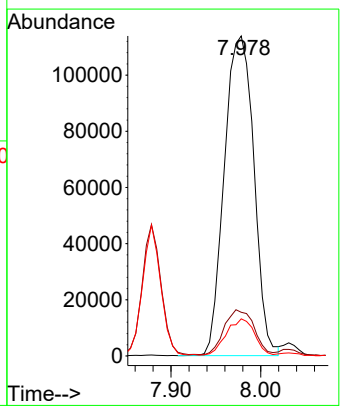
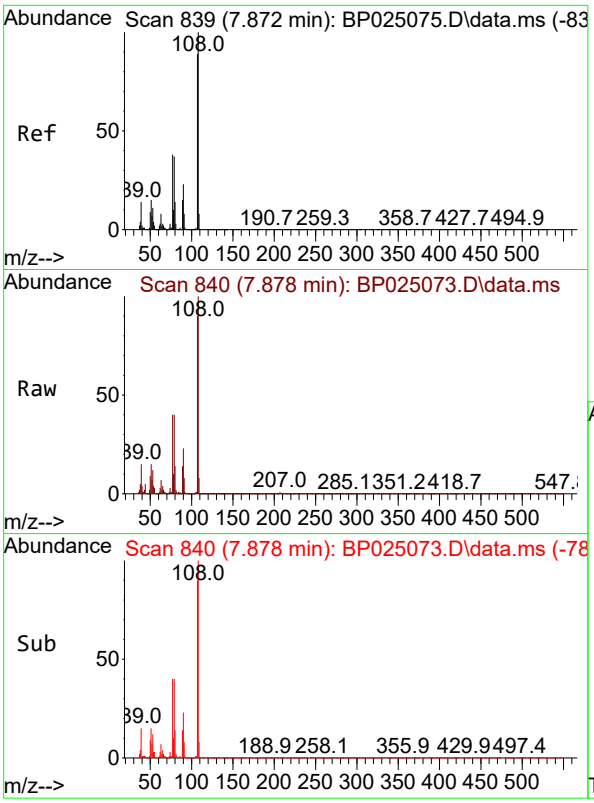


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 45 Resp: 260708

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.8
79	11.6	0.0	30.7

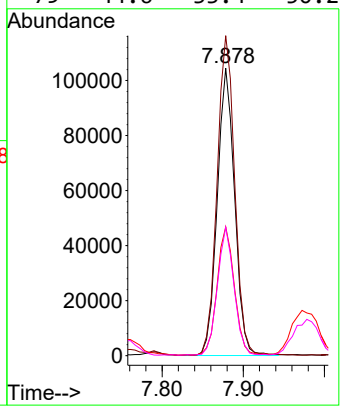




#17
2-Methylphenol
Concen: 9.422 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 15577

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	44.8	34.2	51.4
79	44.6	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
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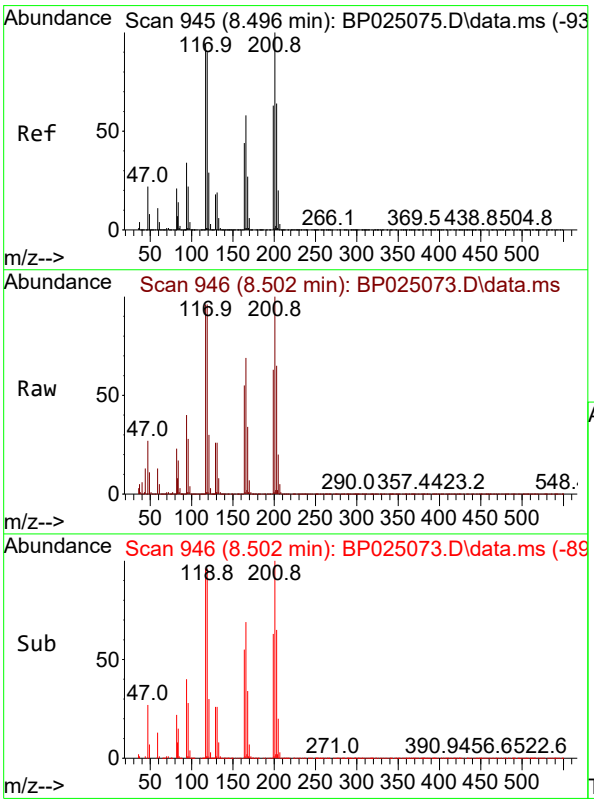
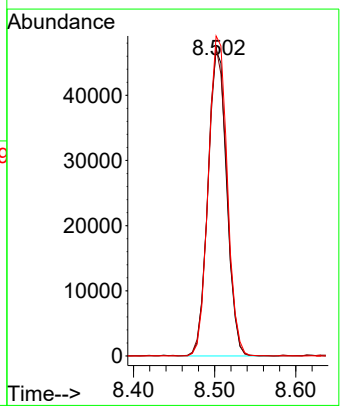
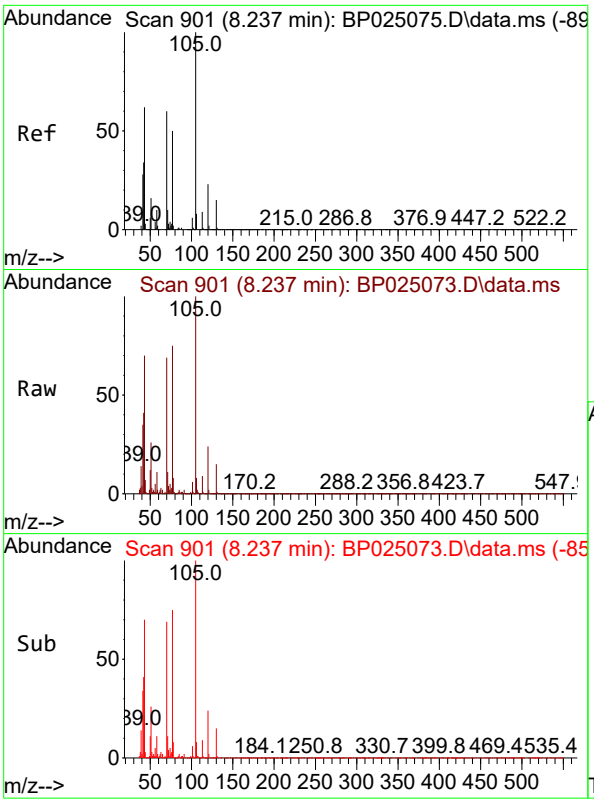


#18
Hexachloroethane
Concen: 9.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:117 Resp: 75576

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
201	104.6	85.4	128.2

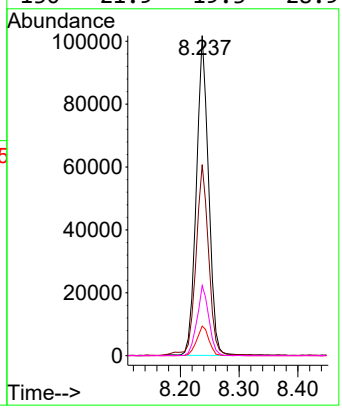




#19
n-Nitroso-di-n-propylamine
Concen: 9.774 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 70 Resp: 14642

Ion	Ratio	Lower	Upper
70	100		
42	59.7	46.5	69.7
101	9.3	7.9	11.9
130	21.9	19.3	28.9



Instrument :
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ClientSampleId :
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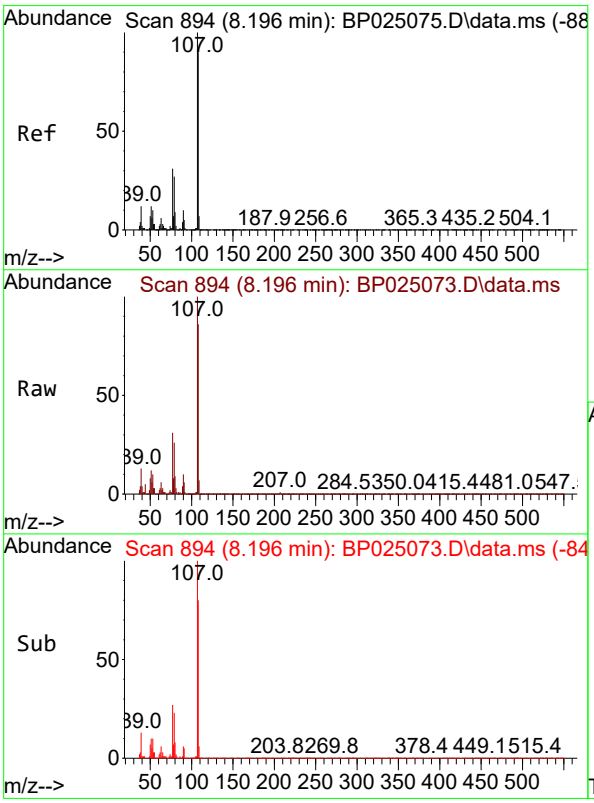
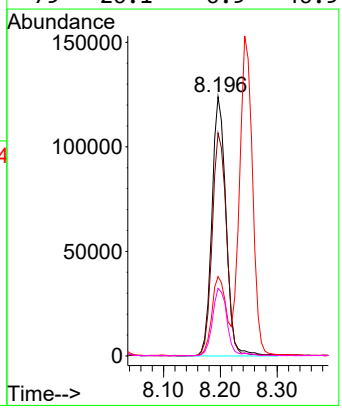
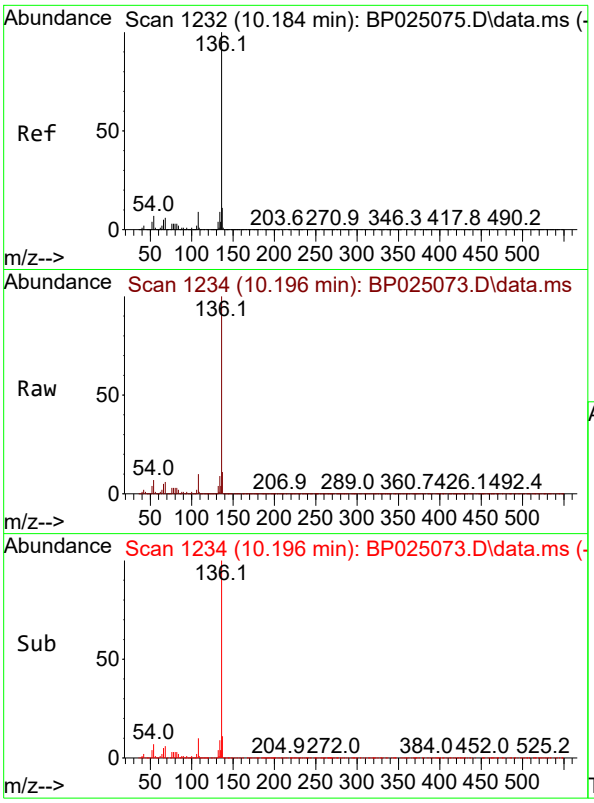


#20
3+4-Methylphenols
Concen: 9.225 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 213641

Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.5	109.5
77	30.6	11.4	51.4
79	26.1	6.9	46.9

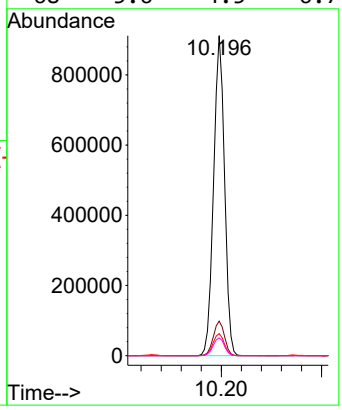




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:136 Resp: 137656

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7



Instrument :
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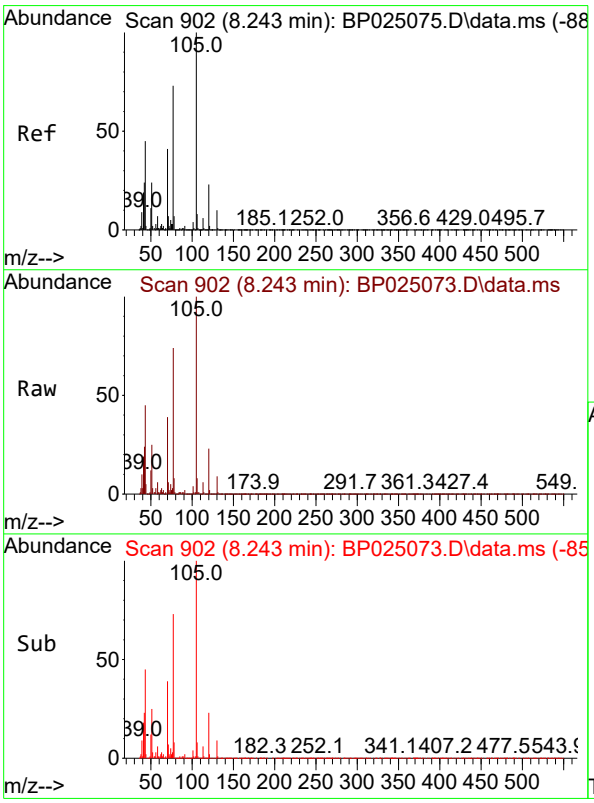
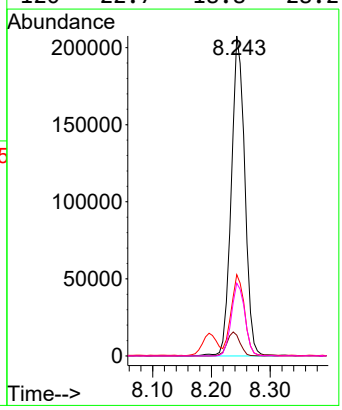
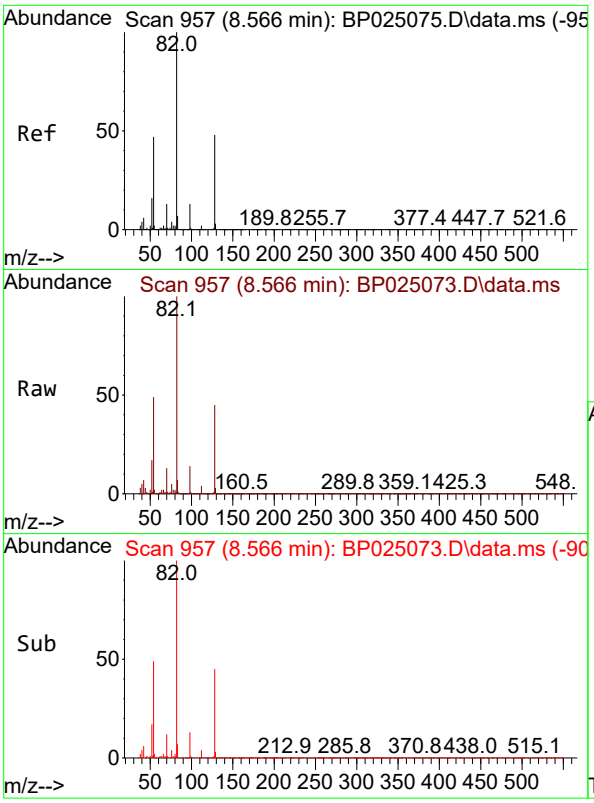


#22
Acetophenone
Concen: 10.159 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:105 Resp: 330725

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.4	8.2
51	25.4	19.6	29.4
120	22.7	18.8	28.2





#23
Nitrobenzene-d5
Concen: 18.454 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 82 Resp: 38197

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.4	57.6
54	49.3	37.8	56.6

Instrument :
BNA_P
ClientSampleId :
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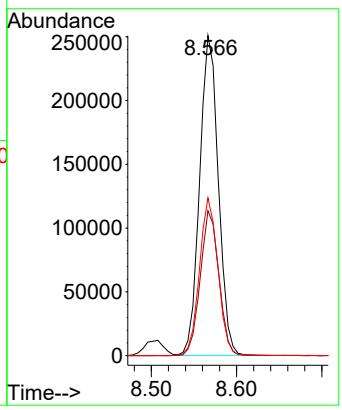
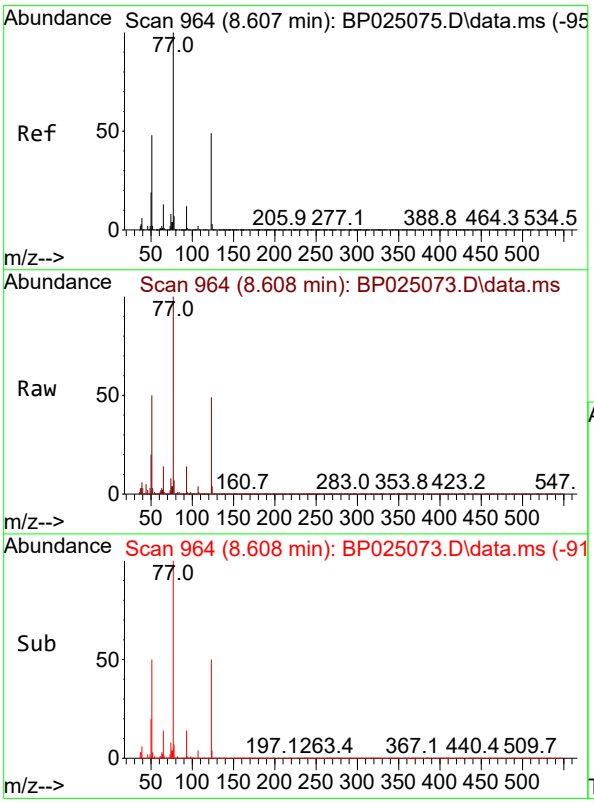
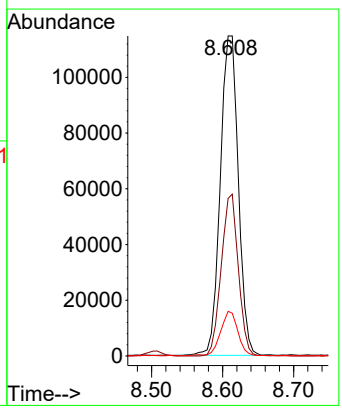


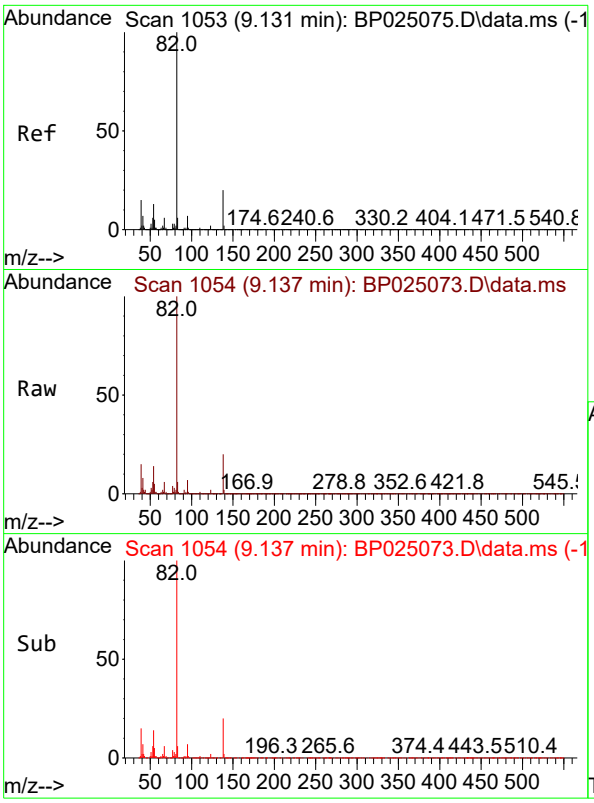


#24
Nitrobenzene
Concen: 9.560 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 201551

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.0	58.6
65	14.0	10.7	16.1

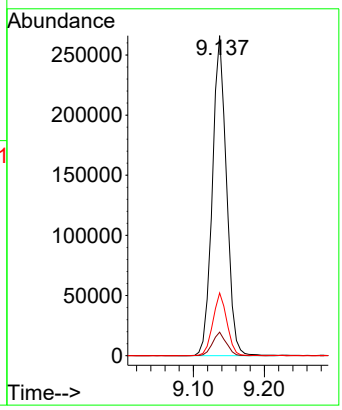




#25
Isophorone
Concen: 9.507 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 82 Resp: 3677

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.6	15.7	23.5



Instrument :
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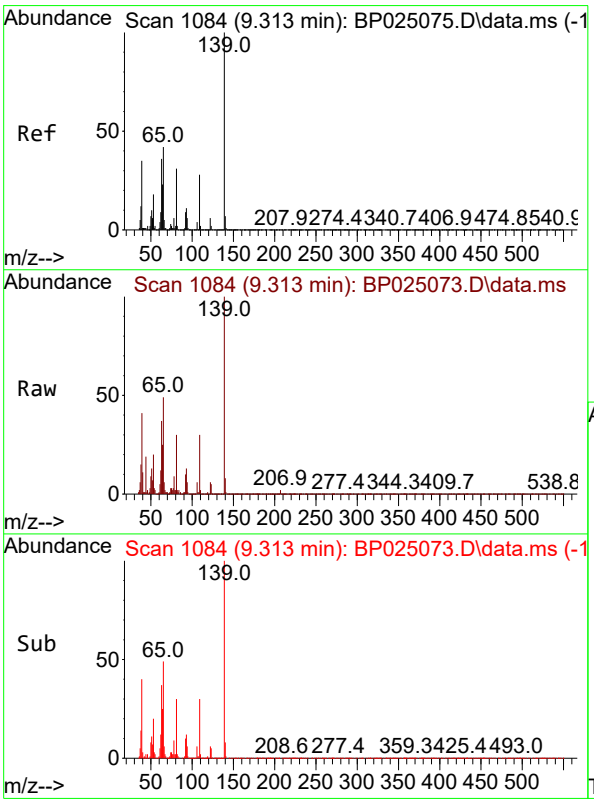
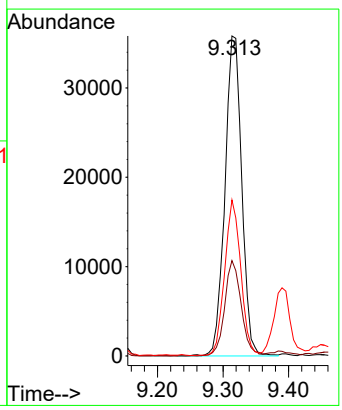
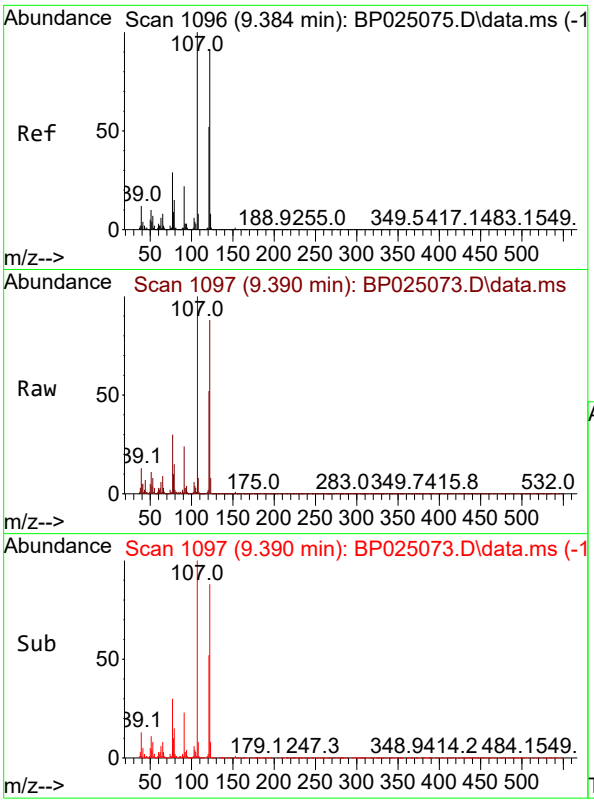


#26
2-Nitrophenol
Concen: 9.106 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.3	33.5
65	48.7	33.8	50.8





#27
2,4-Dimethylphenol
Concen: 9.307 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 13429

Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.2	132.2
121	58.7	46.1	69.1

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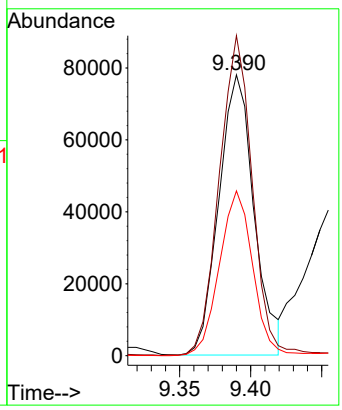
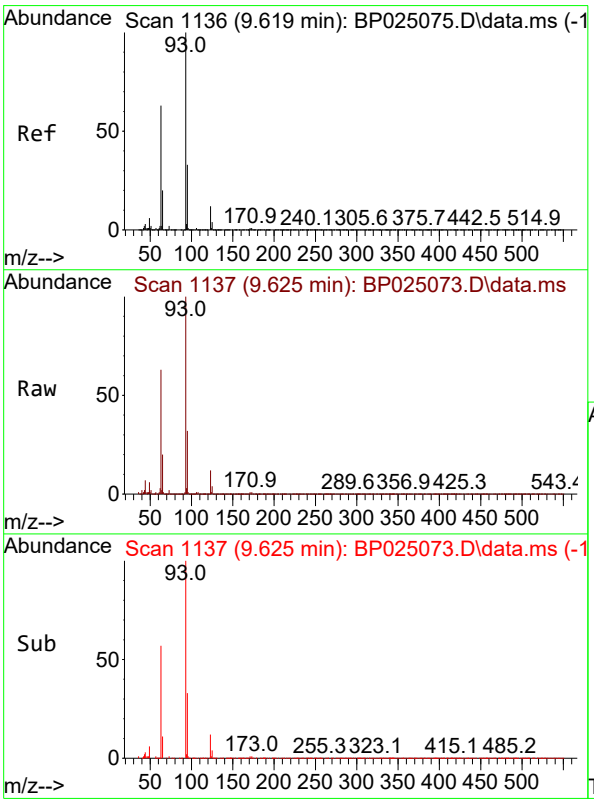
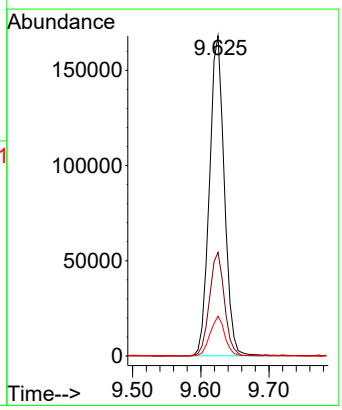


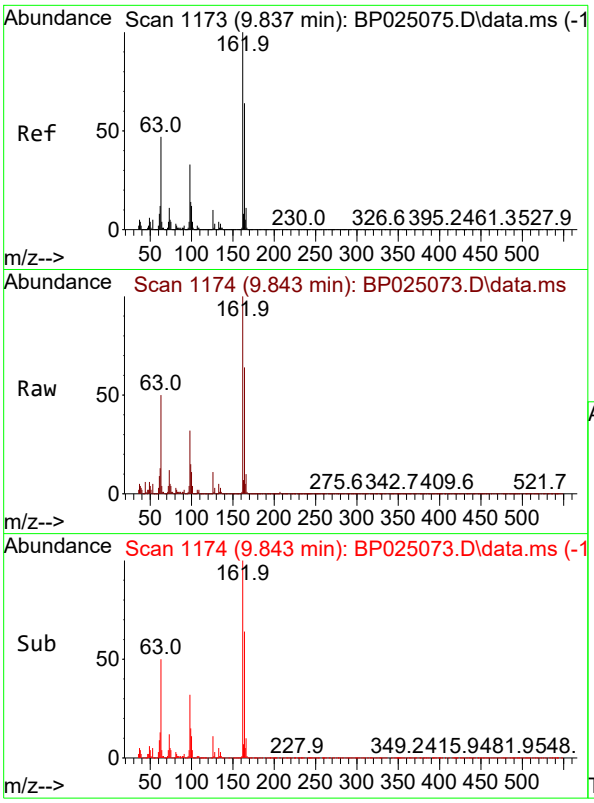


#28
bis(2-Chloroethoxy)methane
Concen: 9.722 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 255336

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 9.059 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:162 Resp: 18126

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	31.9	13.1	53.1

Instrument :
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ClientSampleId :
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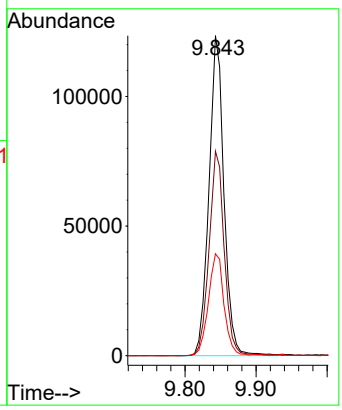
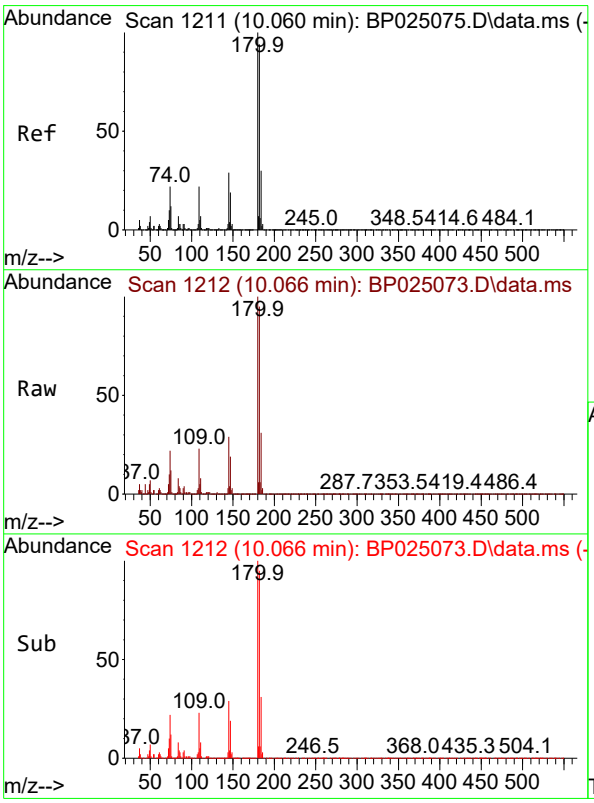
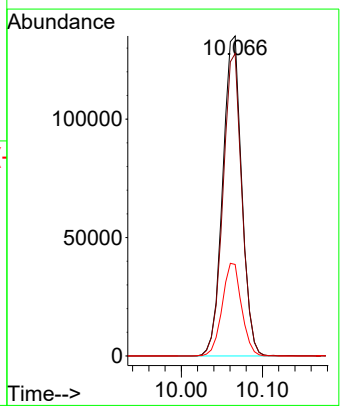


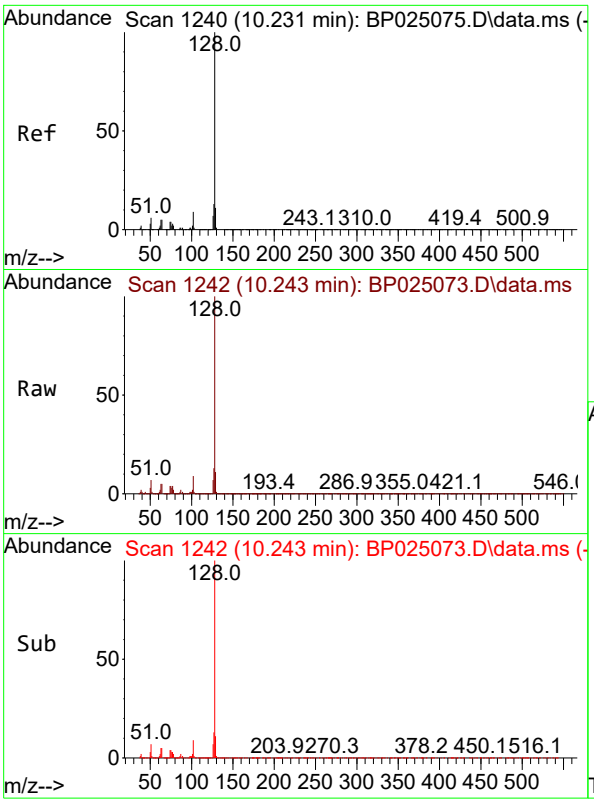


#30
1,2,4-Trichlorobenzene
Concen: 9.913 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:180 Resp: 219650

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	28.6	23.3	34.9

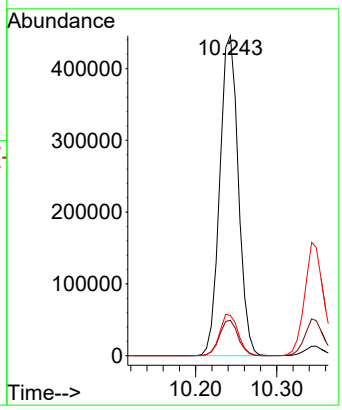




#31
Naphthalene
Concen: 10.005 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 70914

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6



Instrument :
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ClientSampleId :
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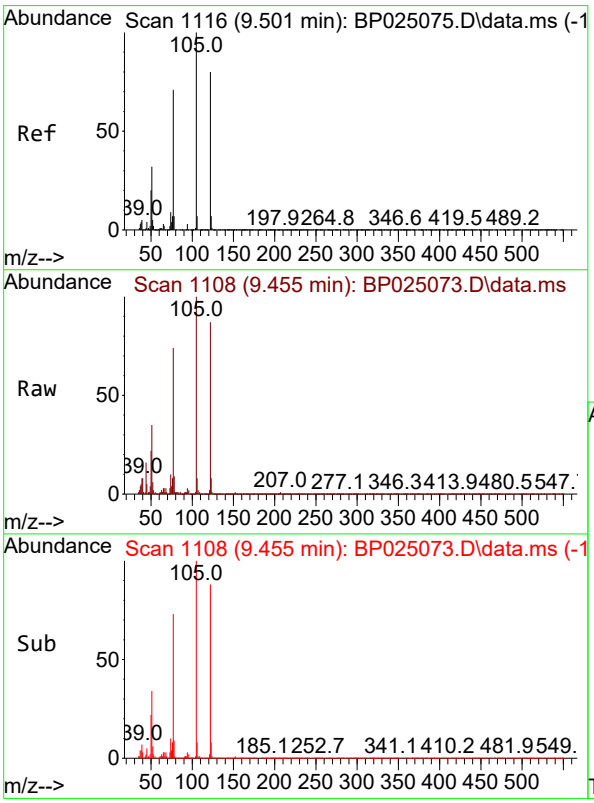
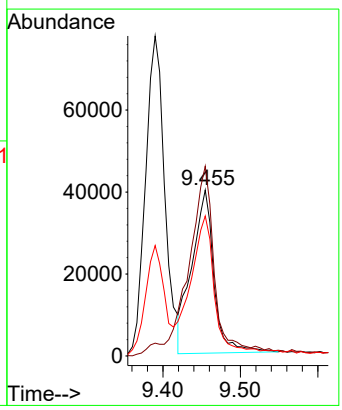
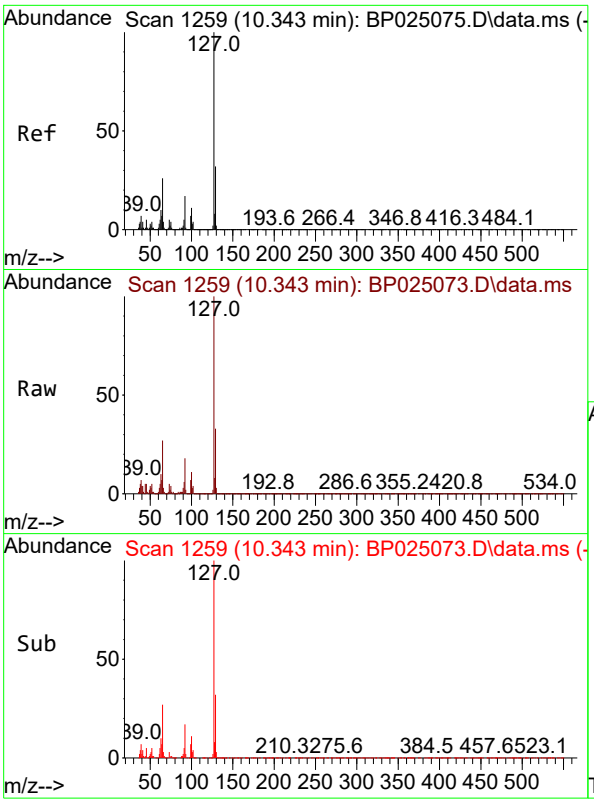


#32
Benzoic acid
Concen: 10.455 ng
RT: 9.455 min Scan# 1108
Delta R.T. -0.046 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:122 Resp: 79225

Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.0	141.0
77	84.3	67.6	107.6

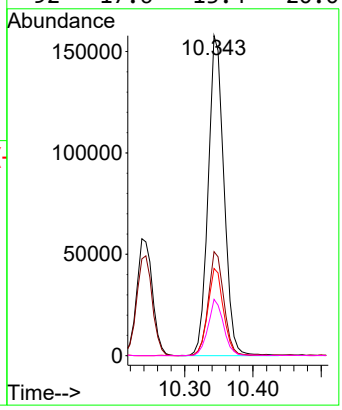




#33
4-Chloroaniline
Concen: 9.621 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:127 Resp: 25448

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	27.3	21.0	31.6
92	17.6	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
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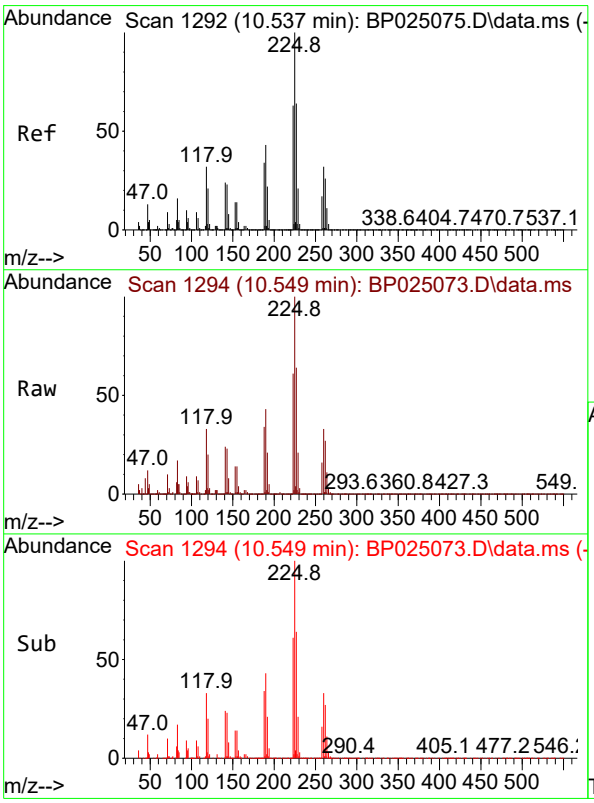
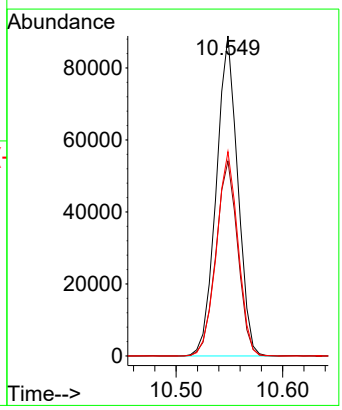
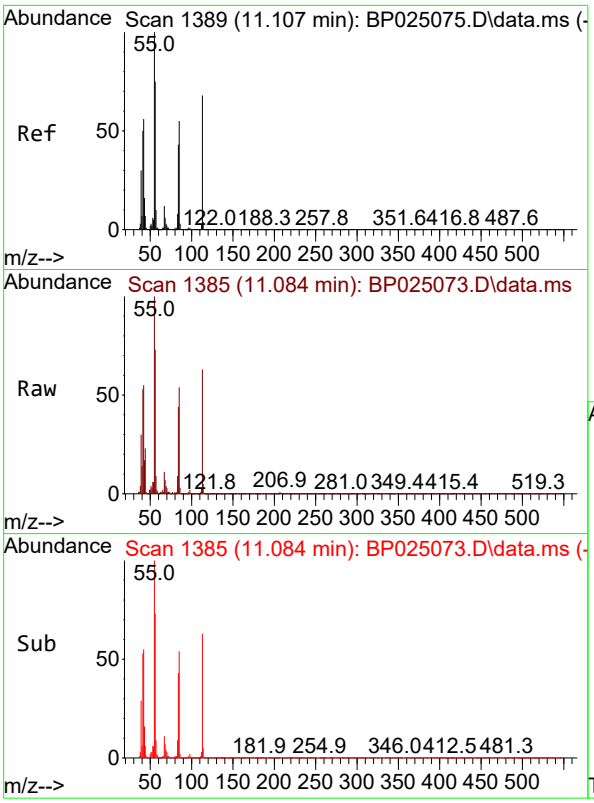


#34
Hexachlorobutadiene
Concen: 9.767 ng
RT: 10.549 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:225 Resp: 124190

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	63.8	51.3	76.9

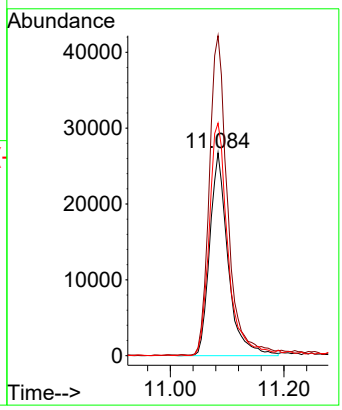




#35
Caprolactam
Concen: 8.700 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:113 Resp: 5954

Ion	Ratio	Lower	Upper
113	100		
55	157.7	128.1	168.1
56	114.6	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
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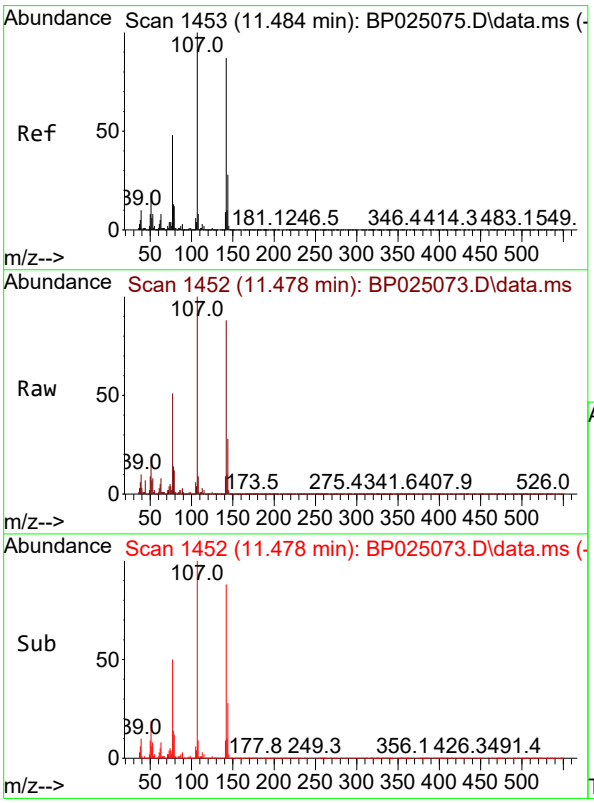
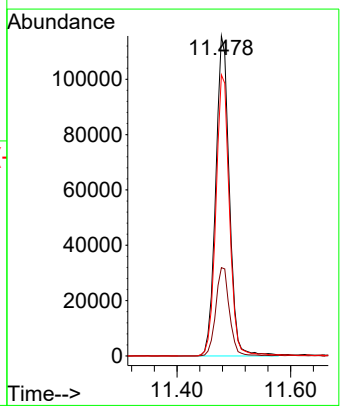
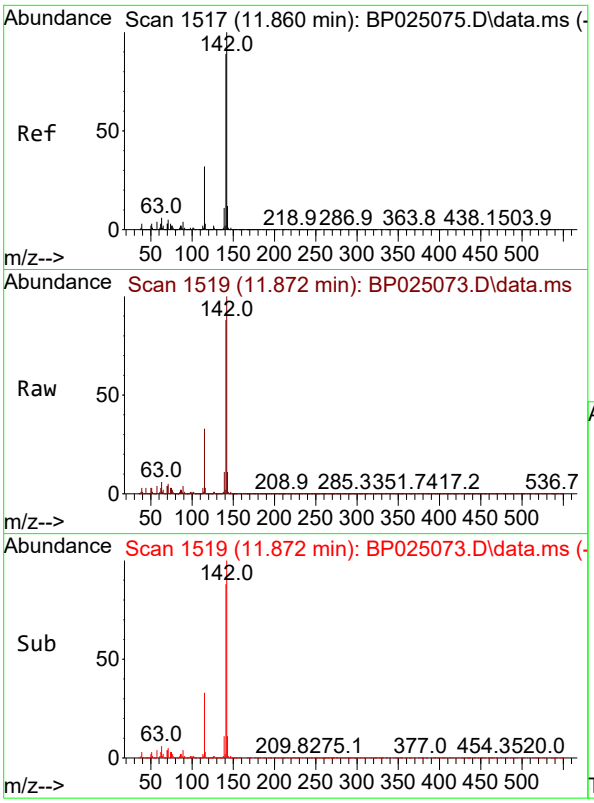


#36
4-Chloro-3-methylphenol
Concen: 9.193 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 192224

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.4	33.6
142	87.9	69.6	104.4

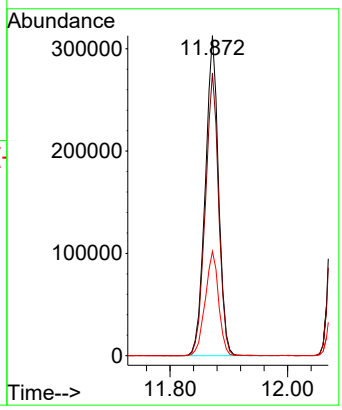




#37
2-Methylnaphthalene
Concen: 9.790 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 48960

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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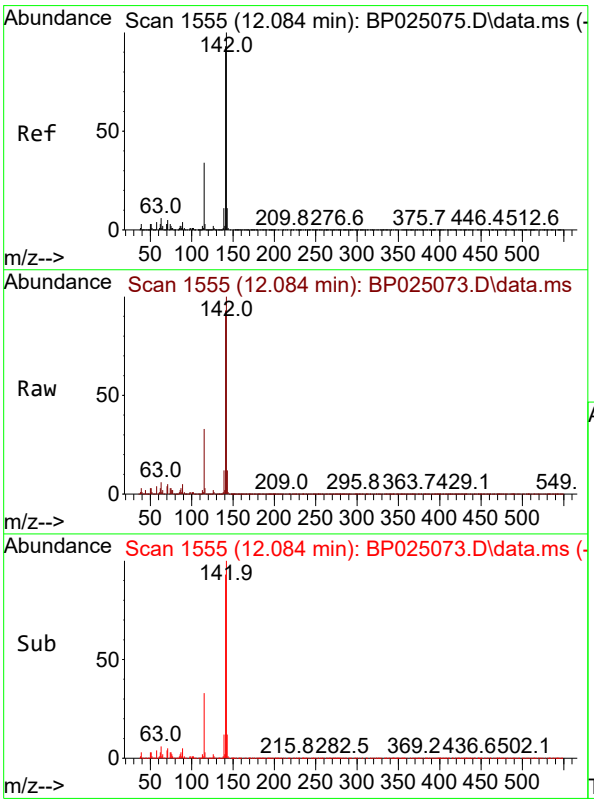
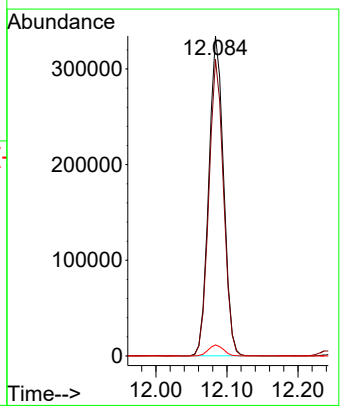
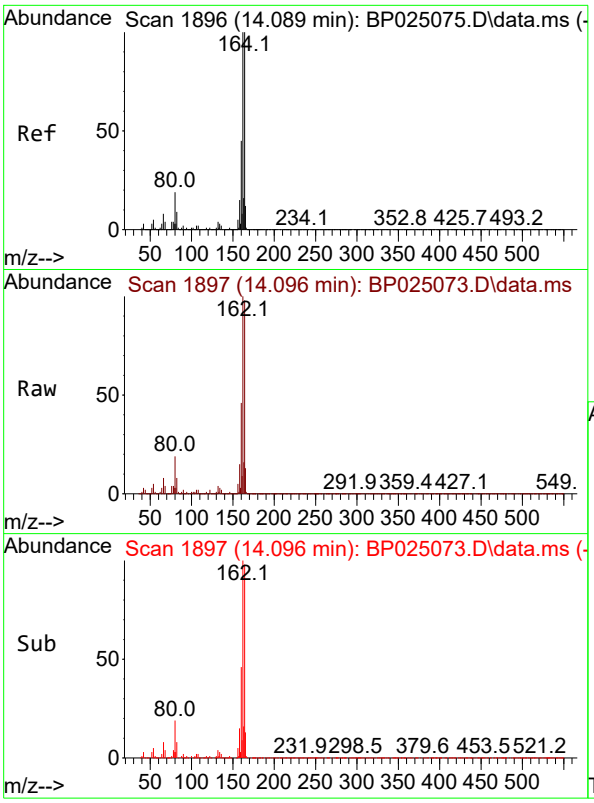


#38
1-Methylnaphthalene
Concen: 9.931 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 484403

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1

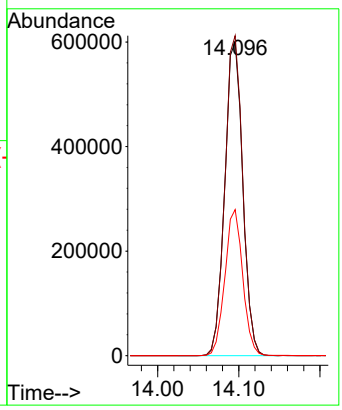




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1
Delta R.T. 0.007 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:164 Resp: 92460

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	46.5	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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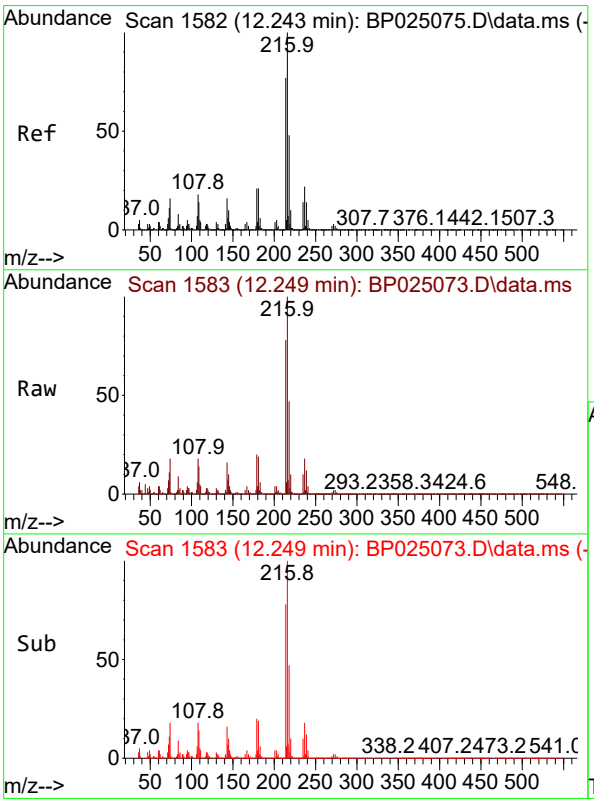
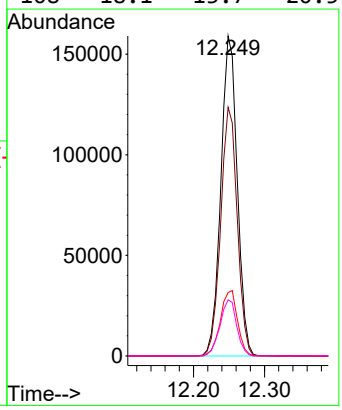
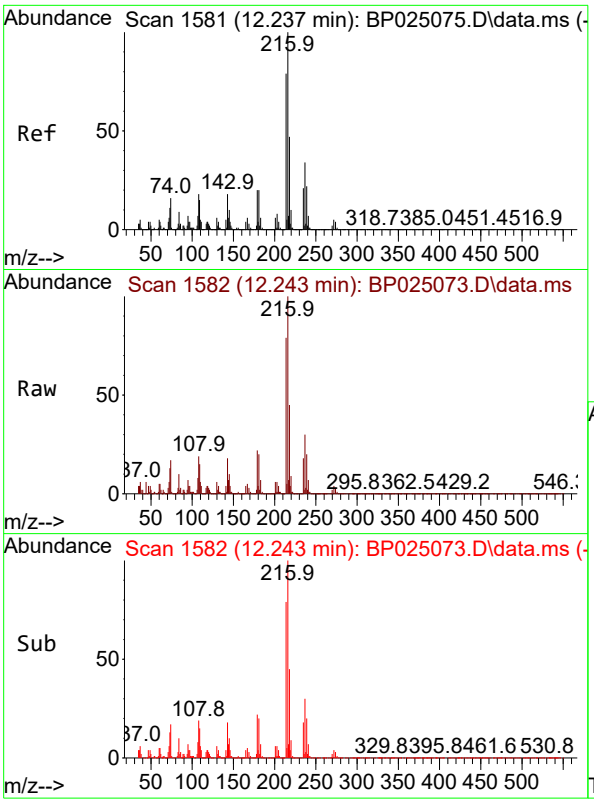


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.554 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:216 Resp: 253871

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.3	16.5	24.7
108	18.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 7.965 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:237 Resp: 5528

Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.6	81.6
272	11.8	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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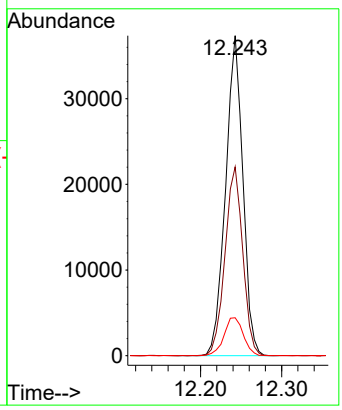
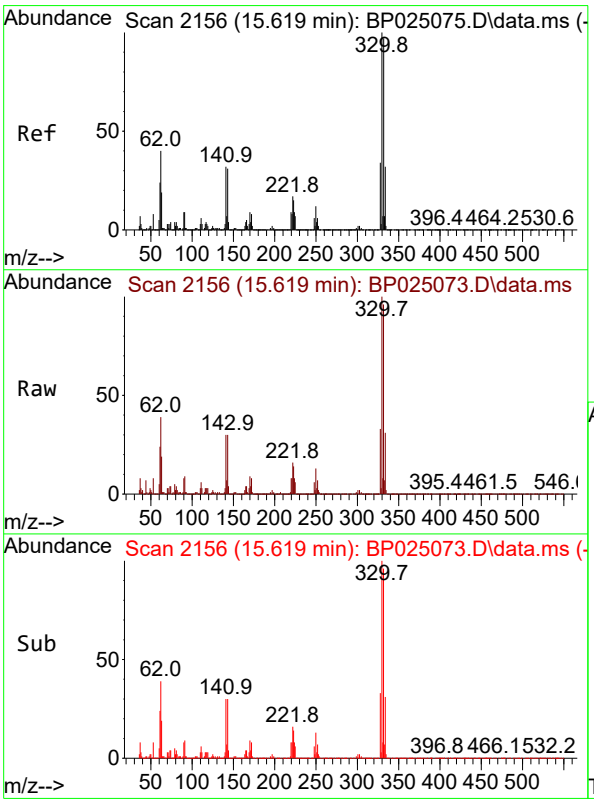
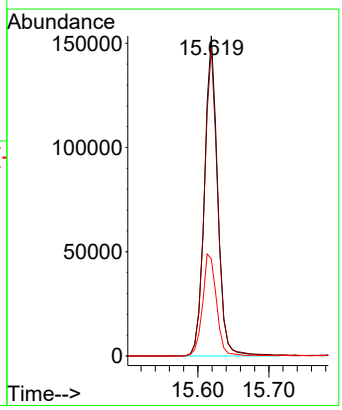


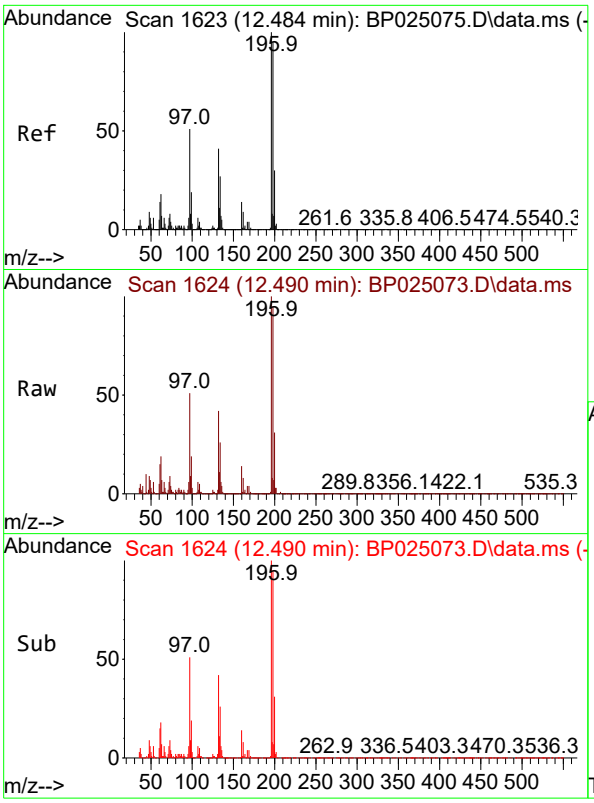


#42
2,4,6-Tribromophenol
Concen: 18.149 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:330 Resp: 198235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	33.5	26.0	39.0





#43
2,4,6-Trichlorophenol
Concen: 8.469 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 13626

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.9	24.3	36.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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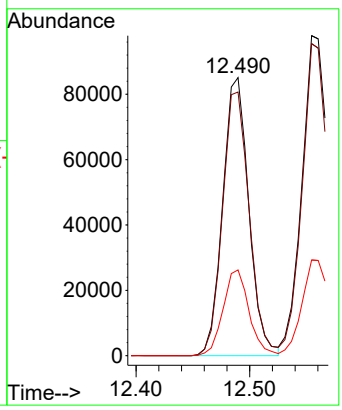
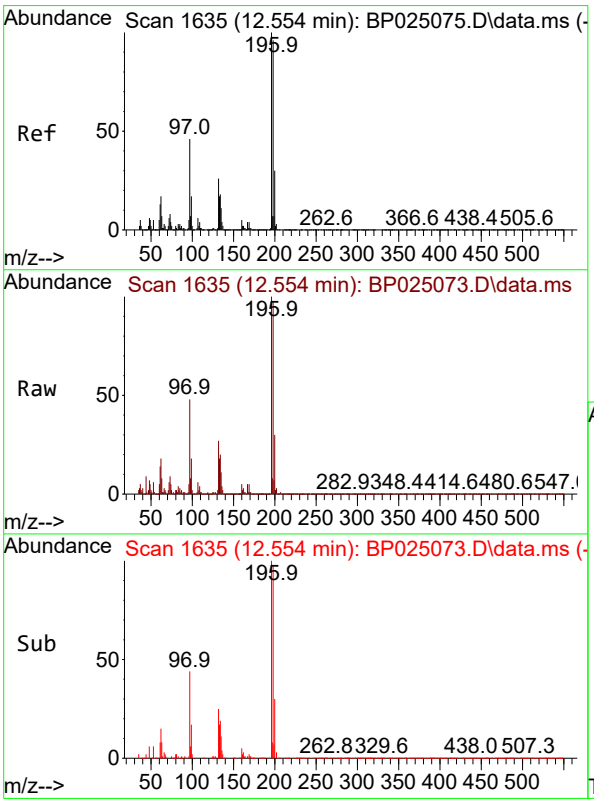
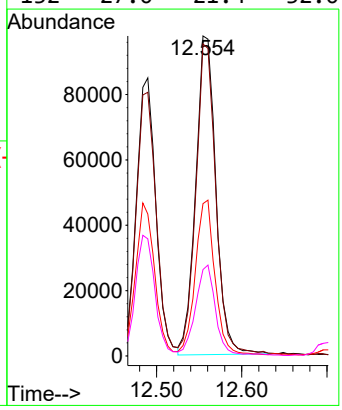


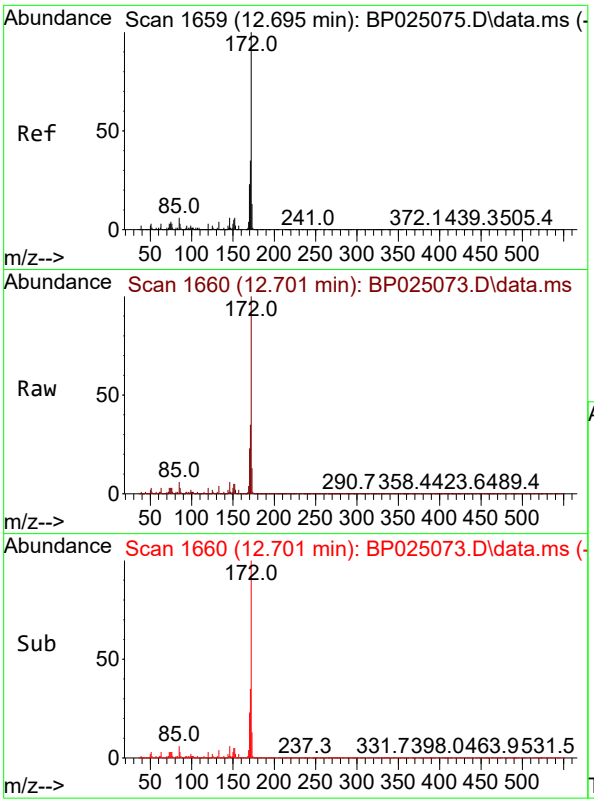


#44
2,4,5-Trichlorophenol
Concen: 8.840 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 161200

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.6	36.6	55.0
132	27.0	21.4	32.0

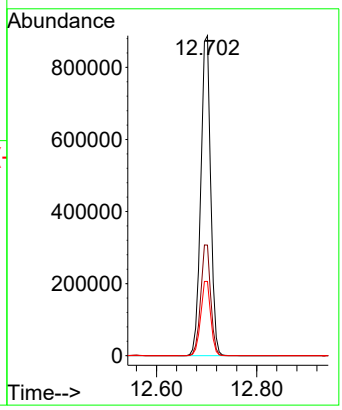




#45
2-Fluorobiphenyl
Concen: 20.297 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:172 Resp: 121143

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.2	18.7	28.1



Instrument :
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ClientSampleId :
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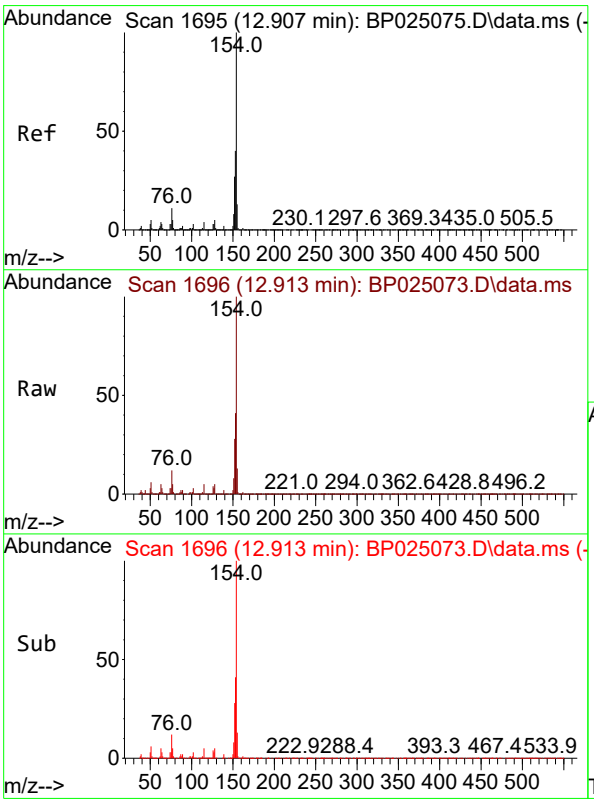
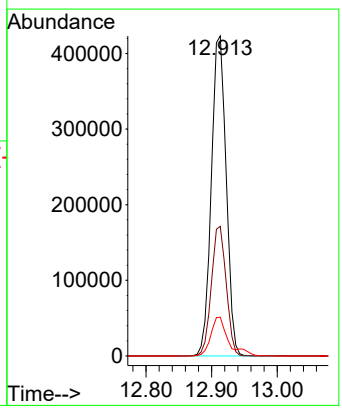
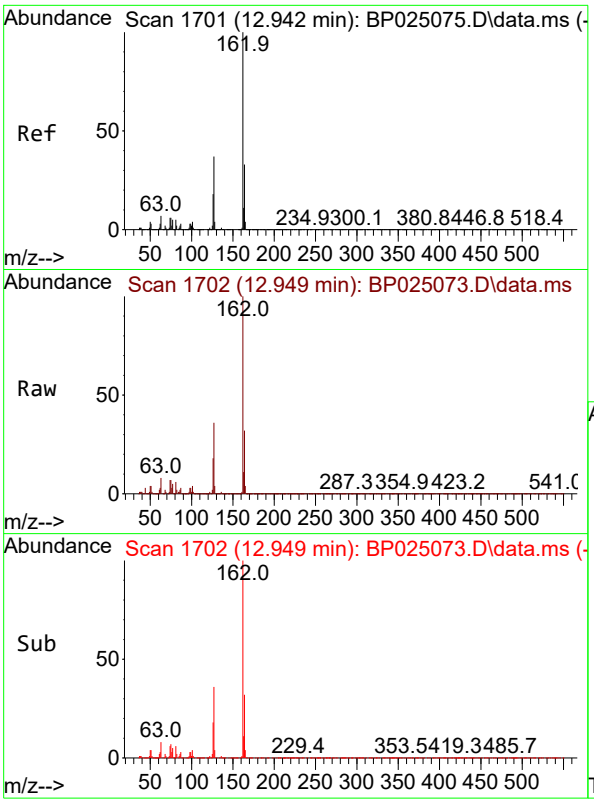


#46
1,1'-Biphenyl
Concen: 9.869 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 663919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.1	0.0	31.5

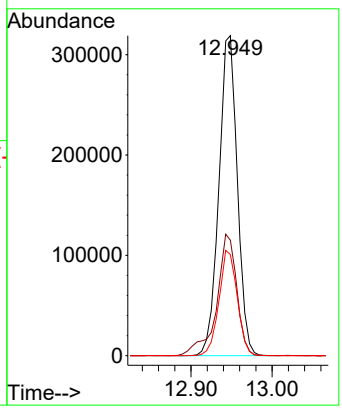




#47
2-Chloronaphthalene
Concen: 9.959 ng
RT: 12.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:162 Resp: 50358

Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.4	44.2
164	31.6	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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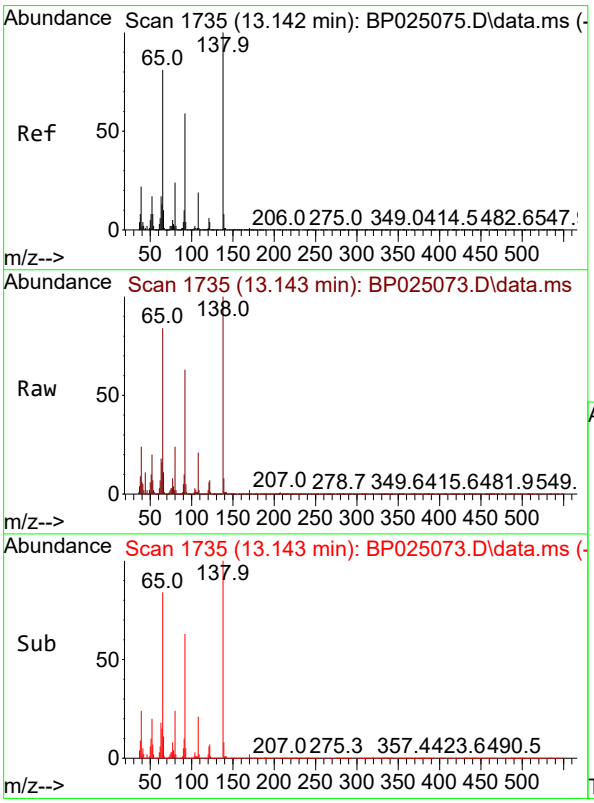
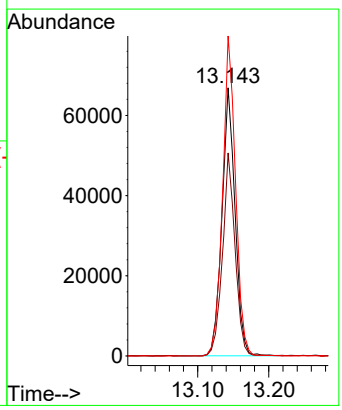
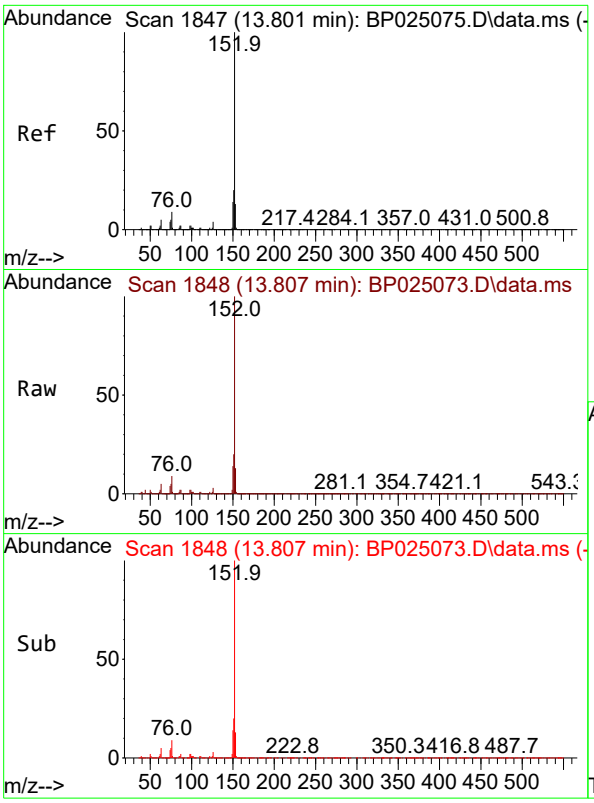


#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.7	88.1
138	119.3	99.0	148.4

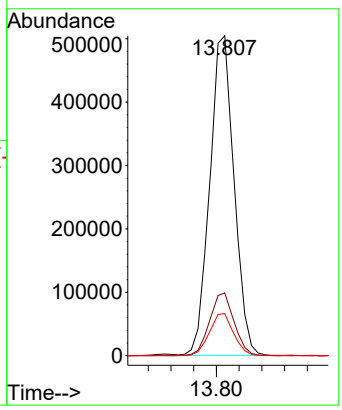




#49
Acenaphthylene
Concen: 9.692 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:152 Resp: 75002

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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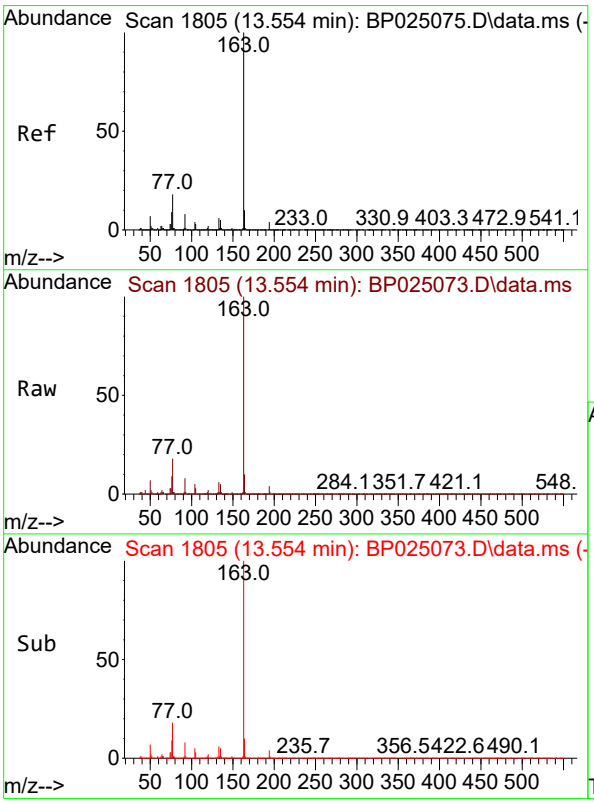
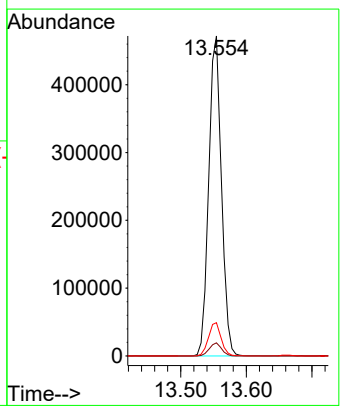
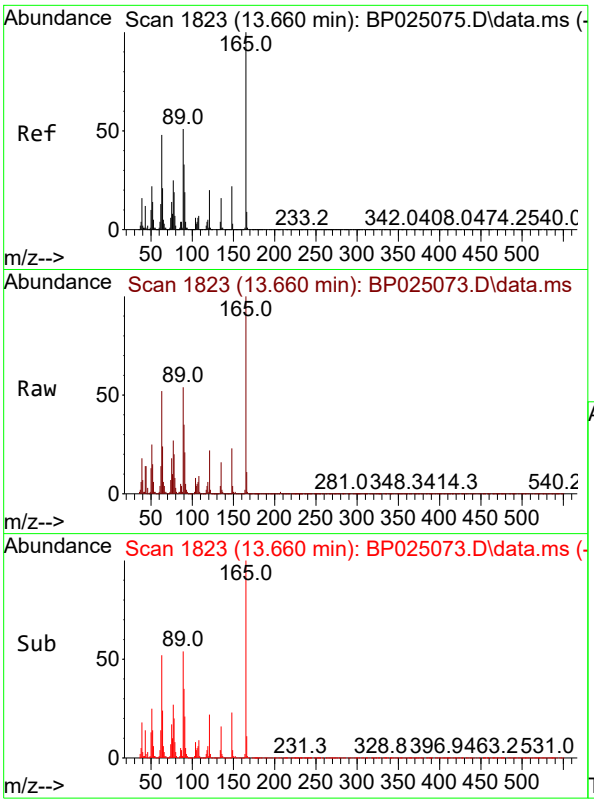


#50
Dimethylphthalate
Concen: 9.828 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:163 Resp: 636102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:165 Resp: 11017

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.5	57.7
89	53.7	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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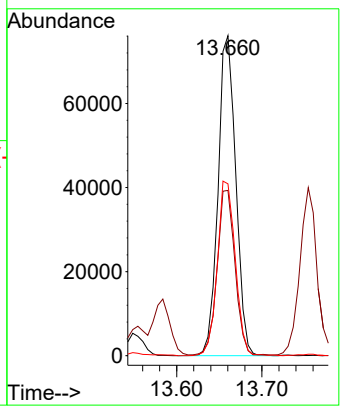
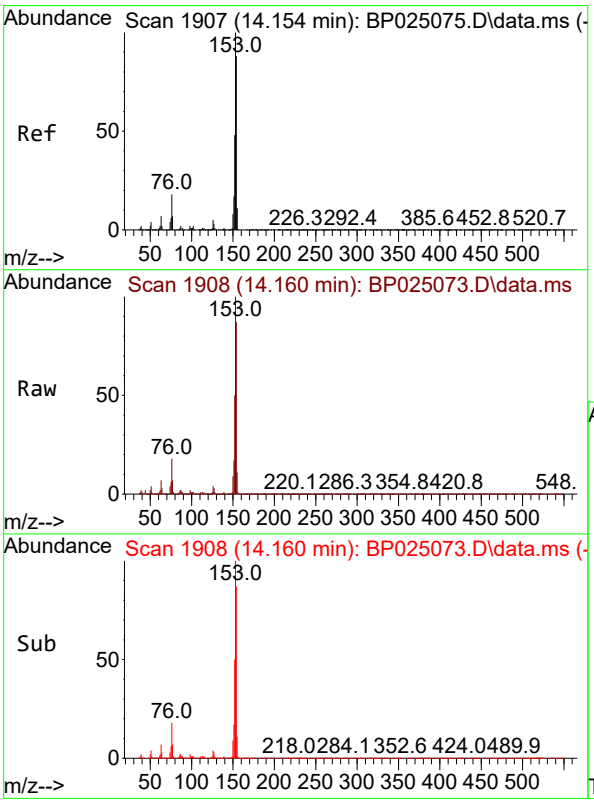
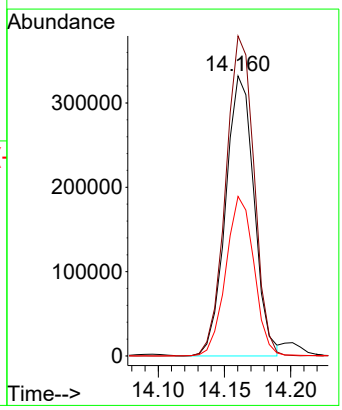


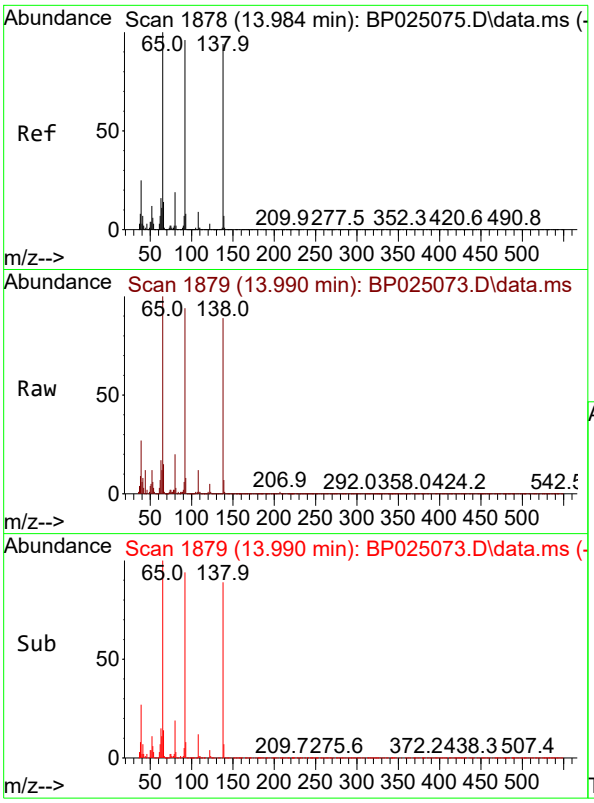


#52
Acenaphthene
Concen: 9.953 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 496424

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.6	136.0
152	57.0	43.8	65.8





#53
3-Nitroaniline
Concen: 8.481 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 11472

Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.8
92	105.5	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
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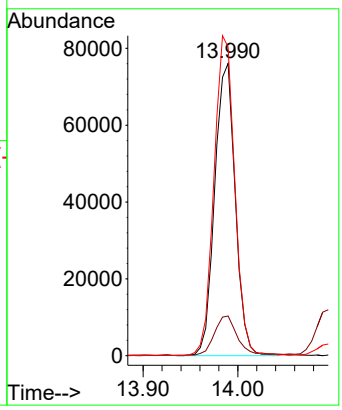
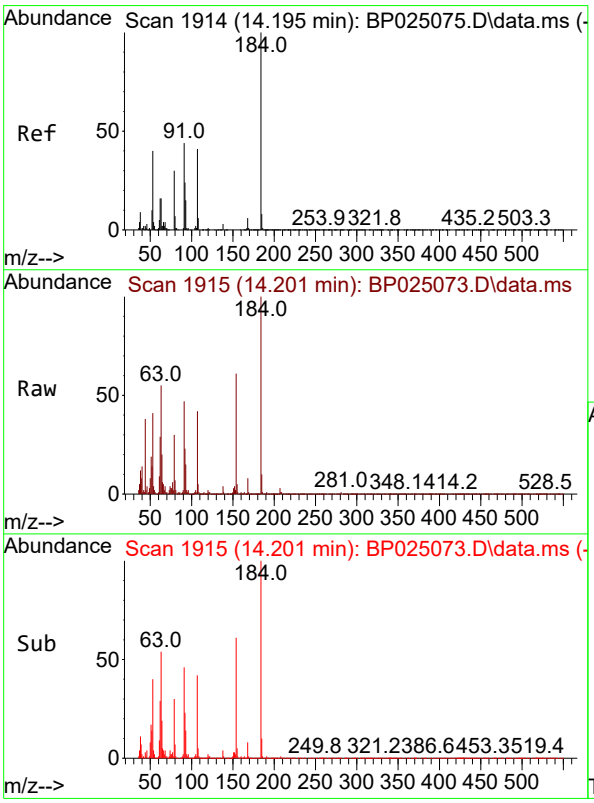
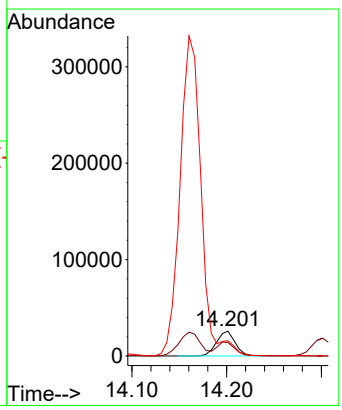


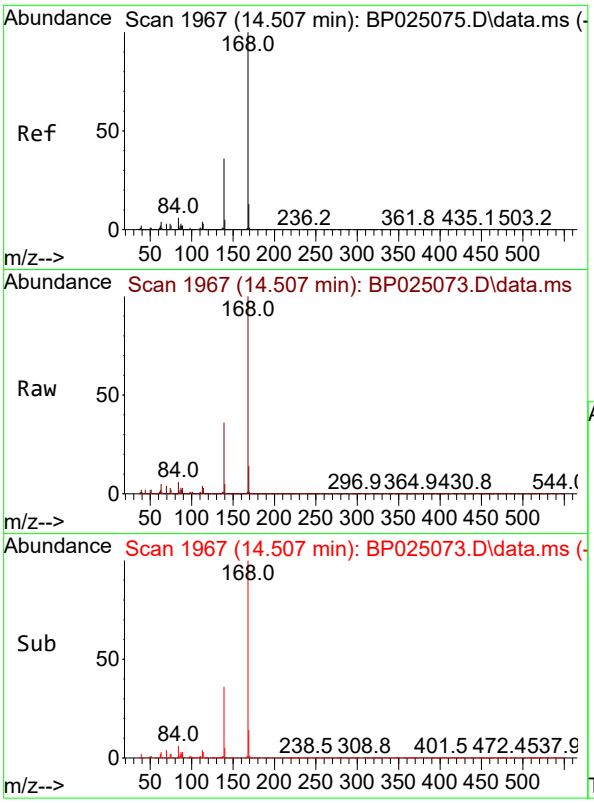


#54
2,4-Dinitrophenol
Concen: 10.737 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 35399

Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.4	71.0
154	61.2	47.8	71.8

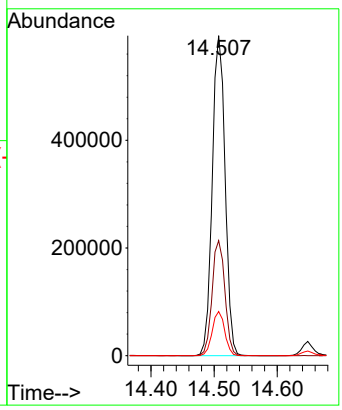




#55
Dibenzofuran
Concen: 10.186 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:168 Resp: 83846

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	10.7	16.1



Instrument :
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ClientSampleId :
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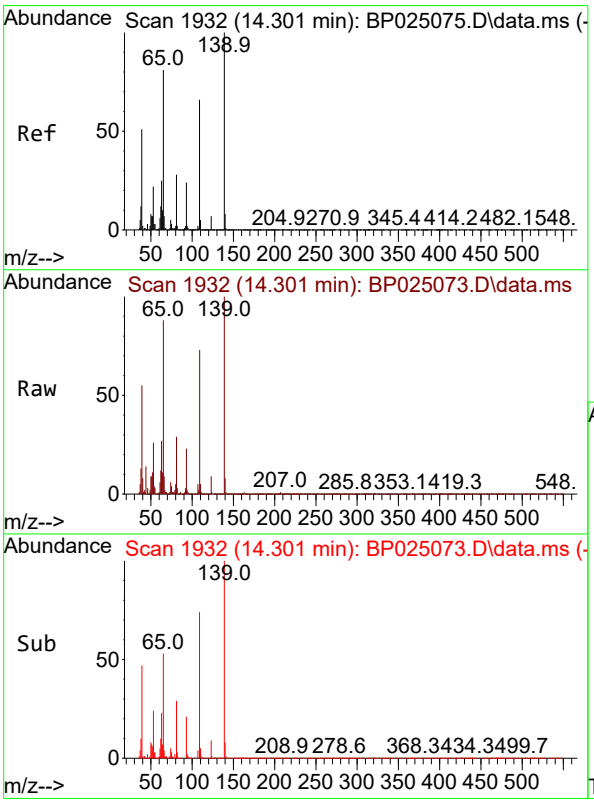
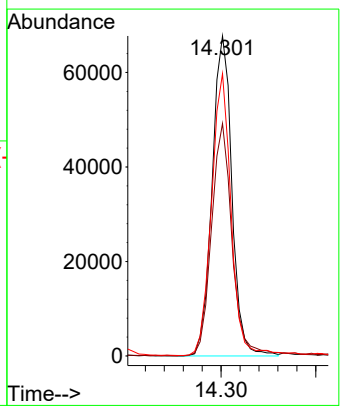
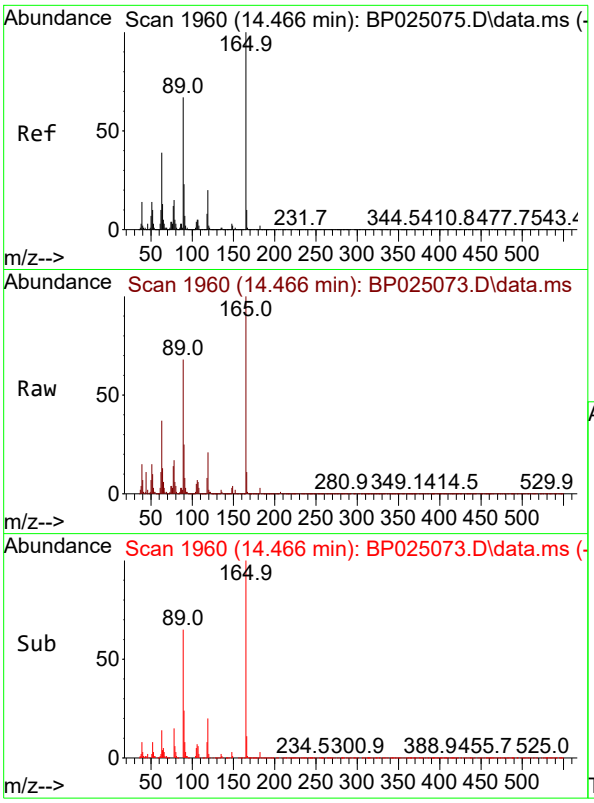


#56
4-Nitrophenol
Concen: 7.853 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 98038

Ion	Ratio	Lower	Upper
139	100		
109	72.6	45.9	85.9
65	88.2	61.4	101.4

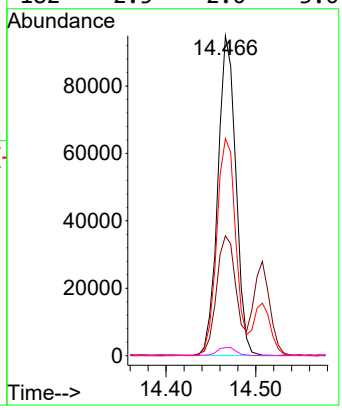




#57
2,4-Dinitrotoluene
Concen: 9.365 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:165 Resp: 13188

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.0	46.4
89	67.9	53.4	80.0
182	2.5	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
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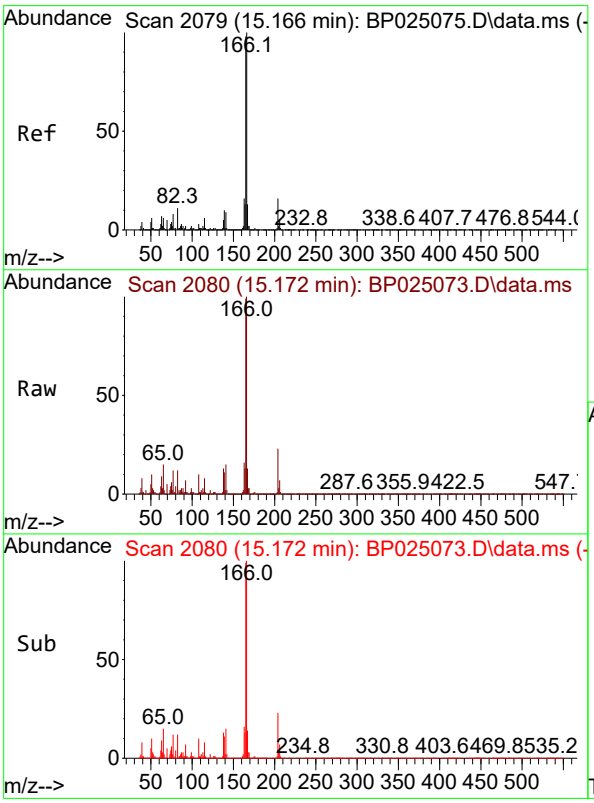
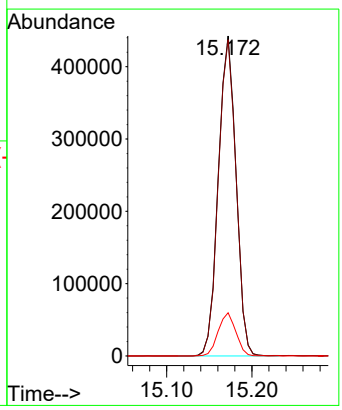
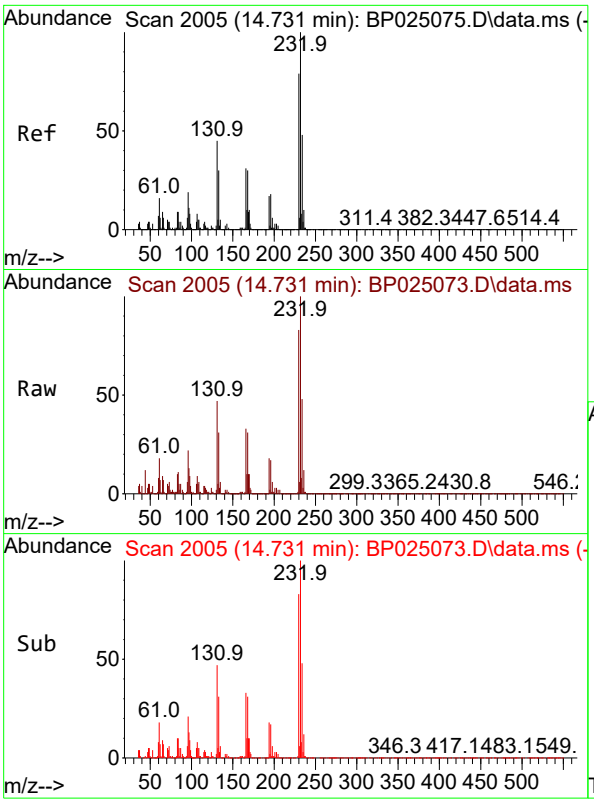


#58
Fluorene
Concen: 10.047 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:166 Resp: 639683

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.7	16.1

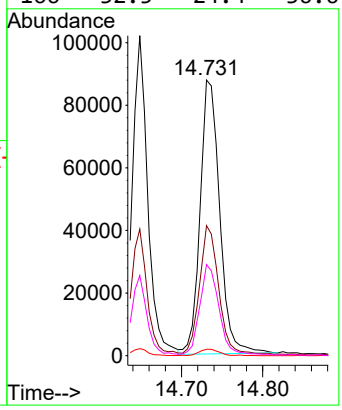




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.890 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:232 Resp: 14680

Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	2.5	1.8	2.6
166	32.5	24.4	36.6



Instrument :
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ClientSampleId :
SSTDICC010

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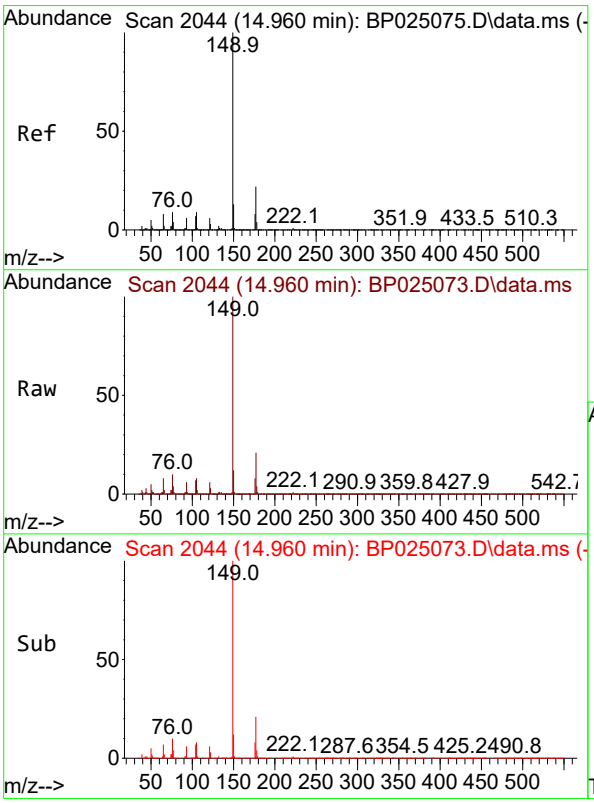
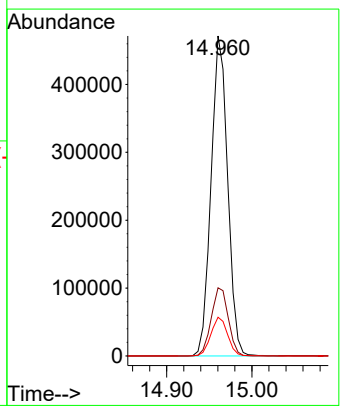
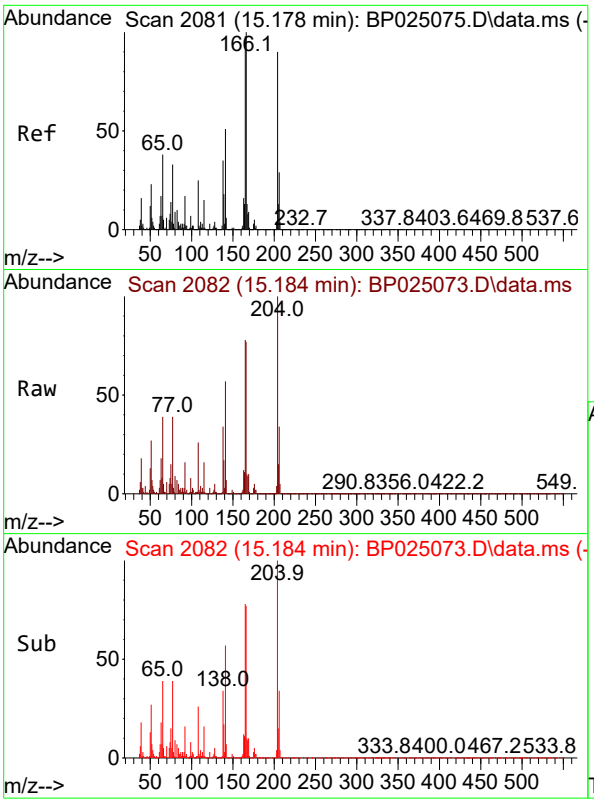


#60
Diethylphthalate
Concen: 9.788 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 636288

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.8
150	12.1	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.084 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 31773

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	57.4	45.1	67.7

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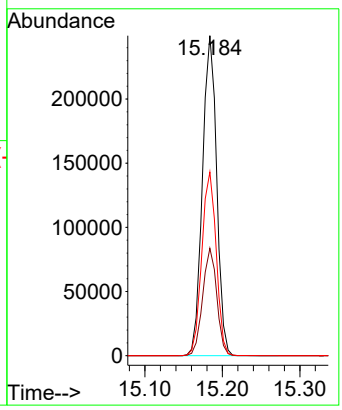
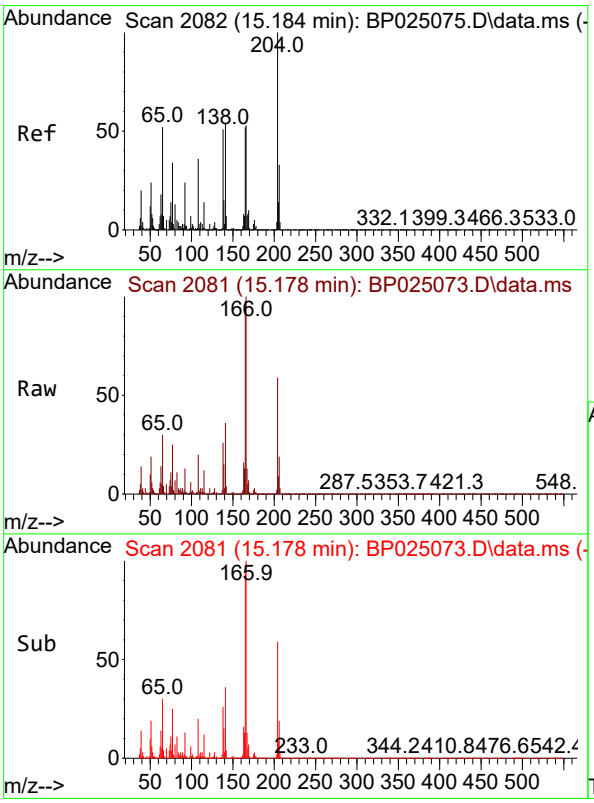
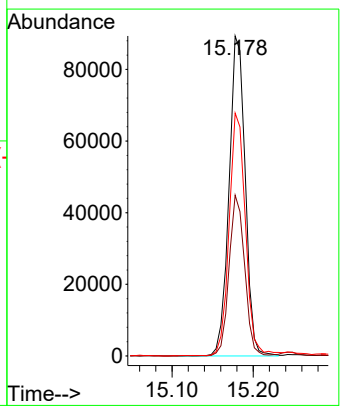


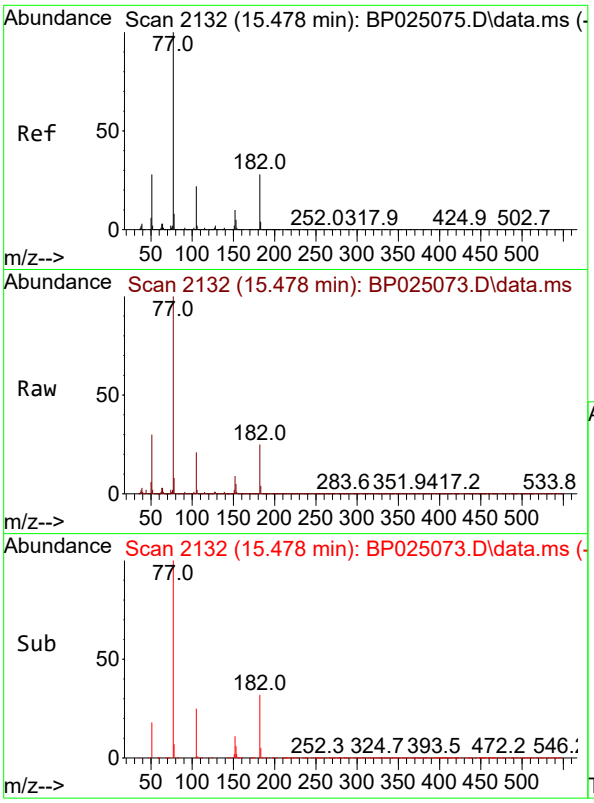


#62
4-Nitroaniline
Concen: 8.706 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 123493

Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.0	66.0
108	75.9	50.0	90.0

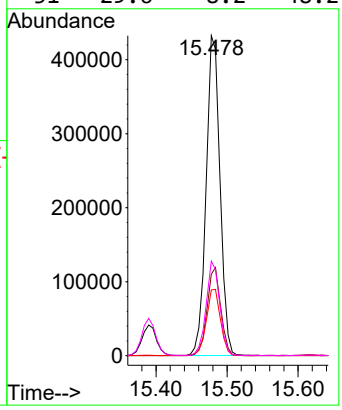




#63
Azobenzene
Concen: 10.181 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 58936

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	20.6	1.9	41.9
51	29.6	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
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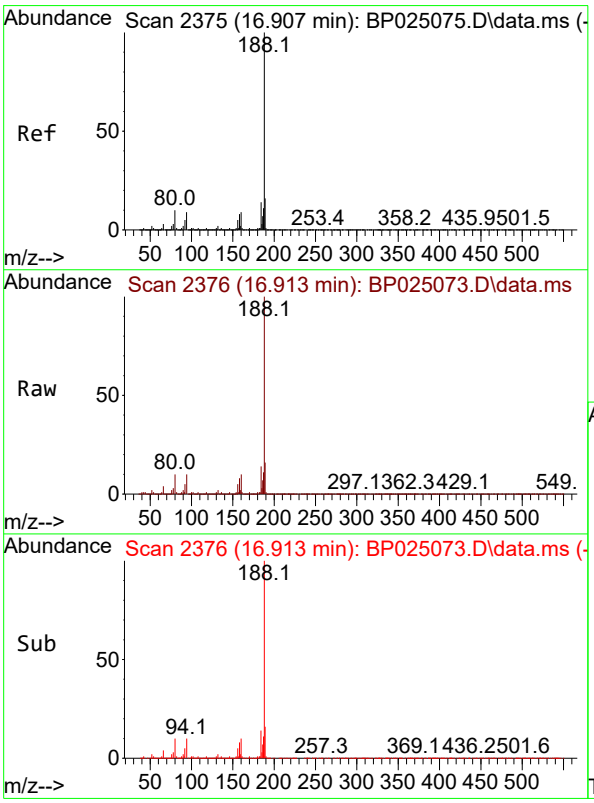
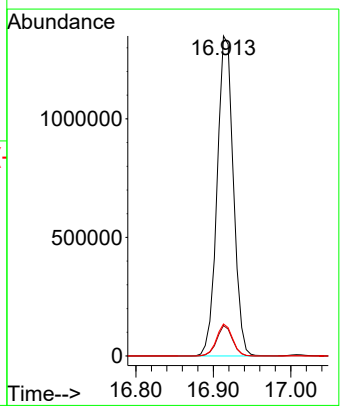
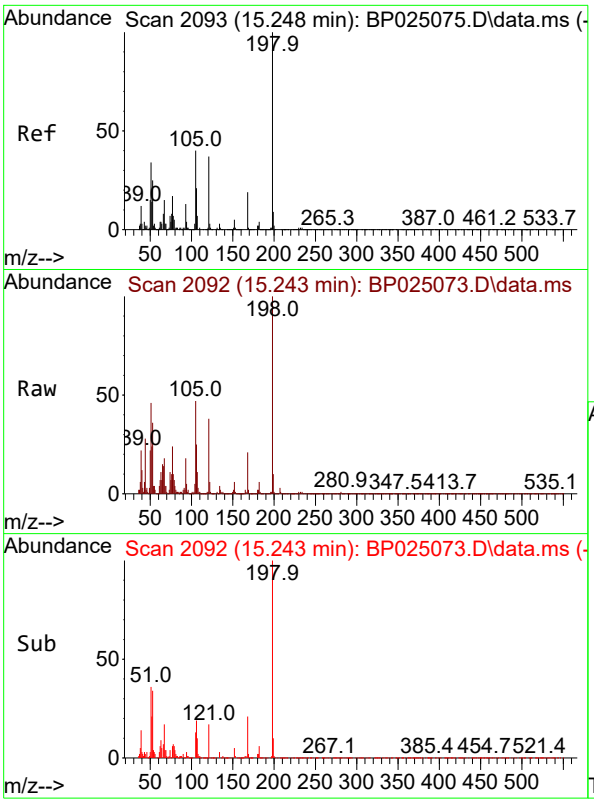


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:188 Resp: 1970410

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.0	7.8	11.6

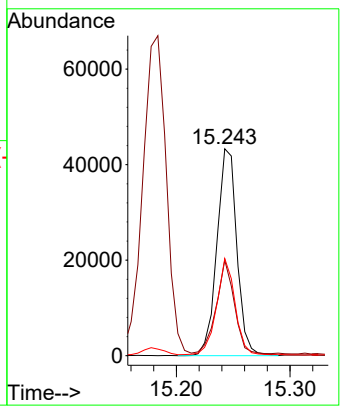




#65
4,6-Dinitro-2-methylphenol
Concen: 10.800 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:198 Resp: 5297

Ion	Ratio	Lower	Upper
198	100		
51	46.1	16.8	56.8
105	46.9	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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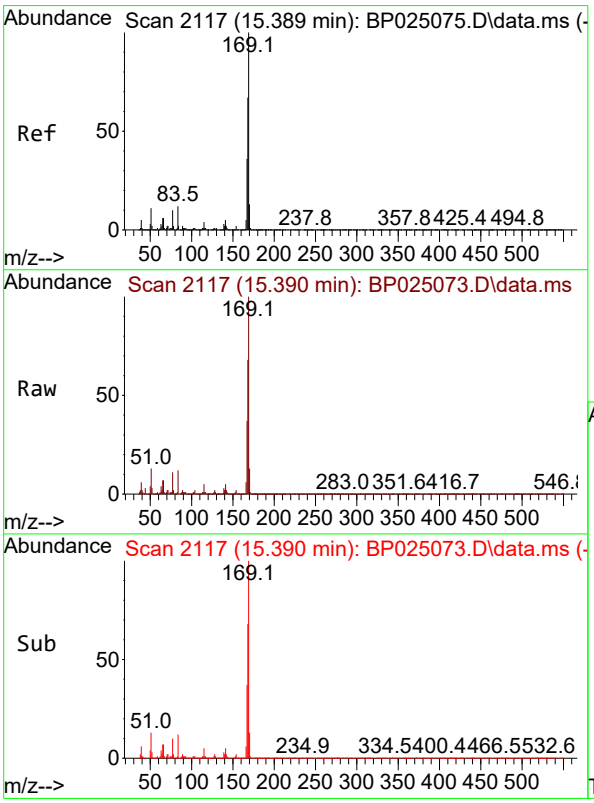
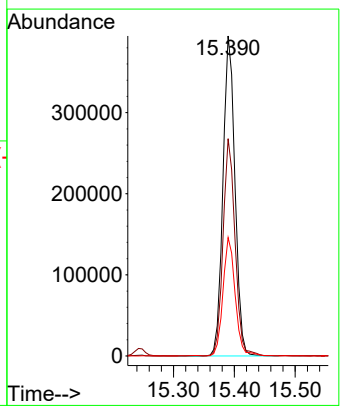
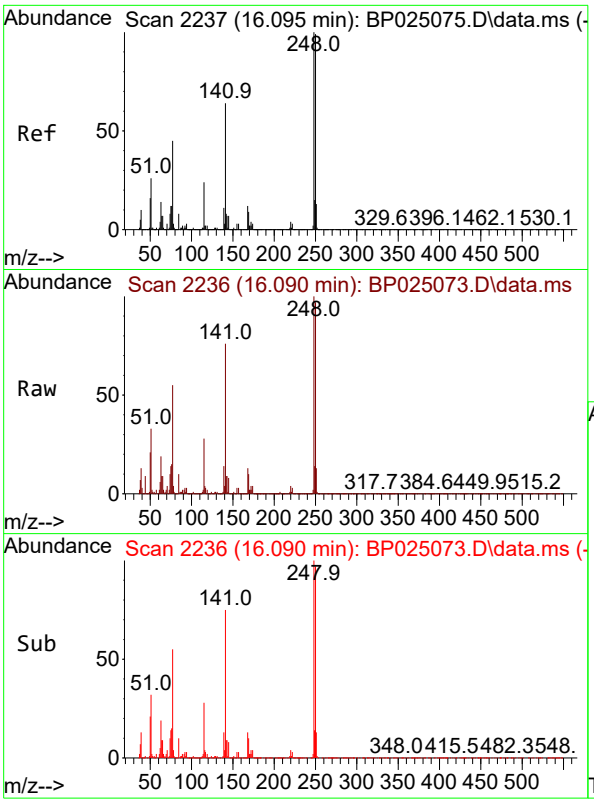


#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:169 Resp: 539820

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.0	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:248 Resp: 18673

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.5	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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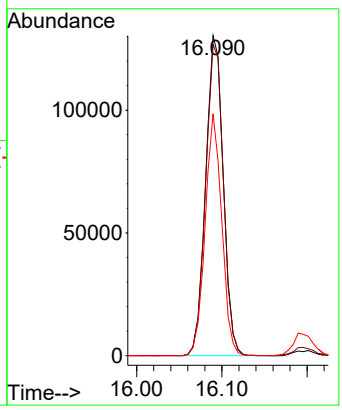
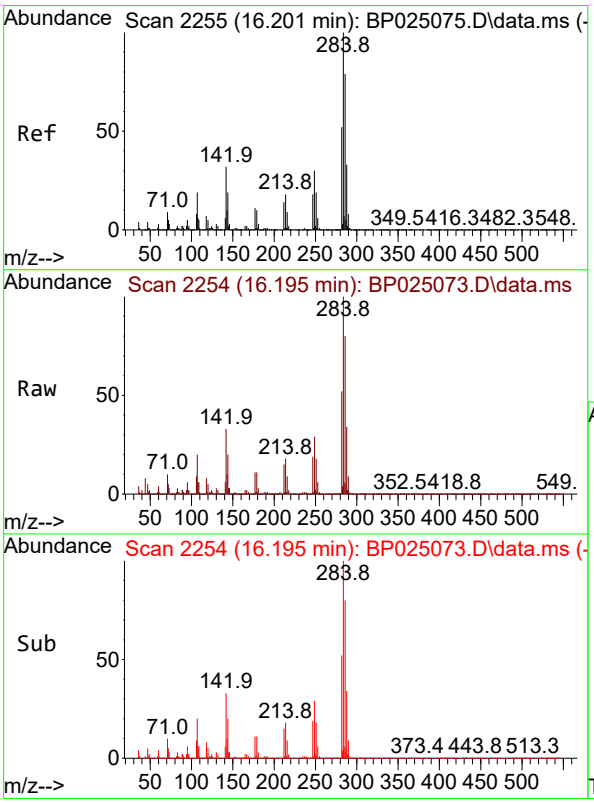
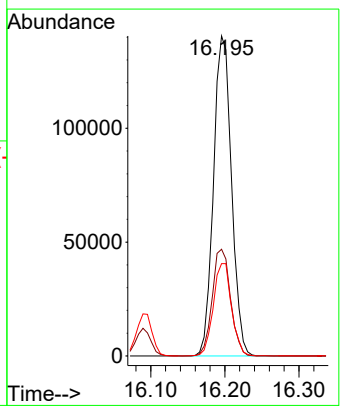


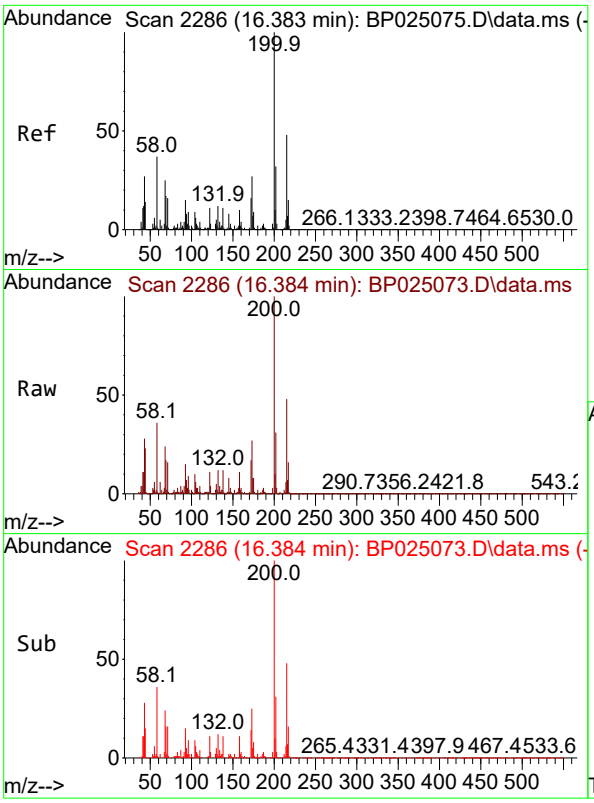


#68
Hexachlorobenzene
Concen: 9.604 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:284 Resp: 236838

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	28.9	23.8	35.8

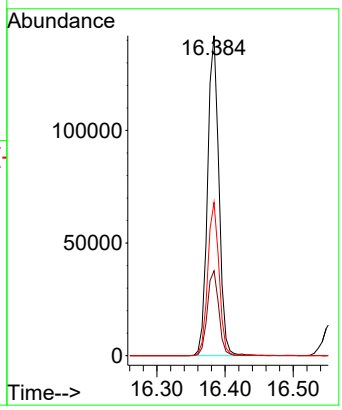




#69
Atrazine
Concen: 9.954 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:200 Resp: 16447

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.9	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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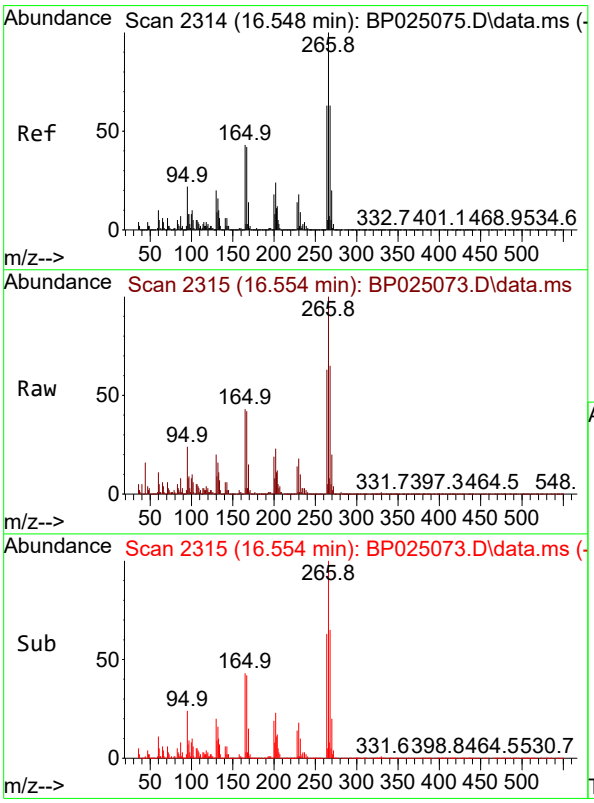
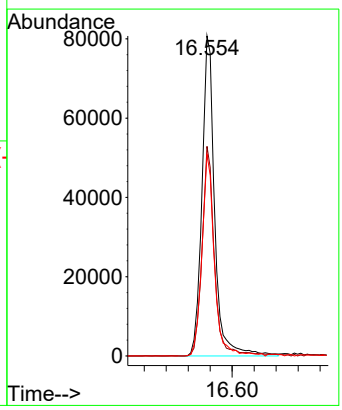
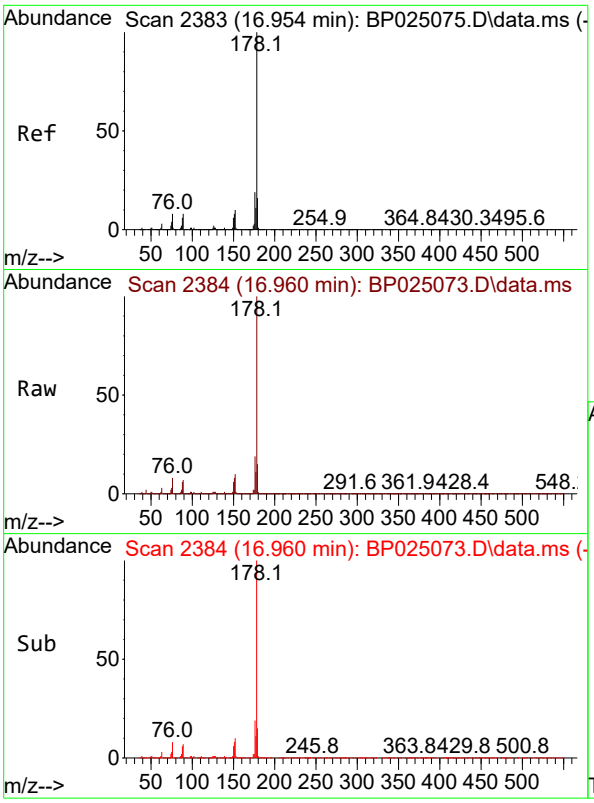


#70
Pentachlorophenol
Concen: 7.774 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:266 Resp: 129459

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.4	75.6
264	63.0	50.2	75.2

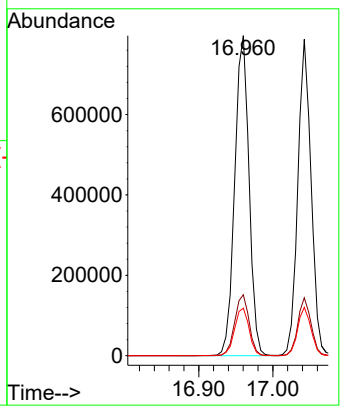




#71
Phenanthrene
Concen: 10.146 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 106822

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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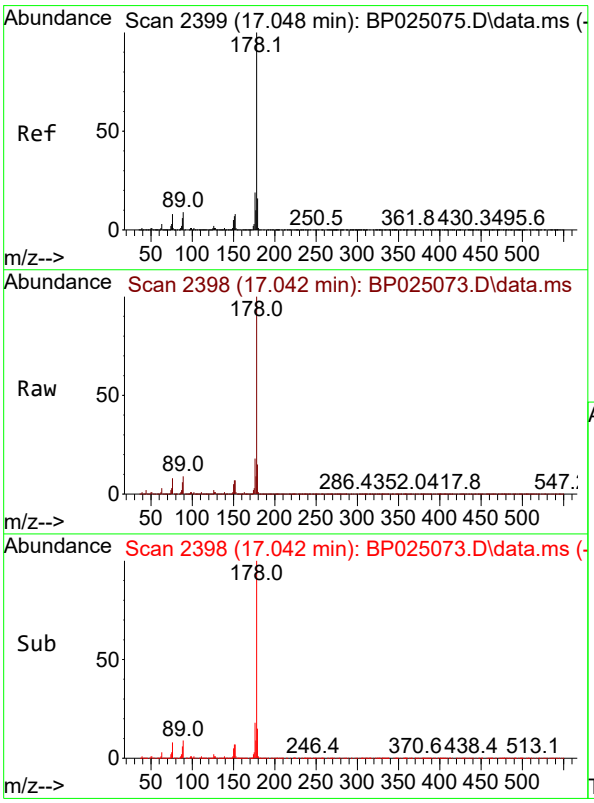
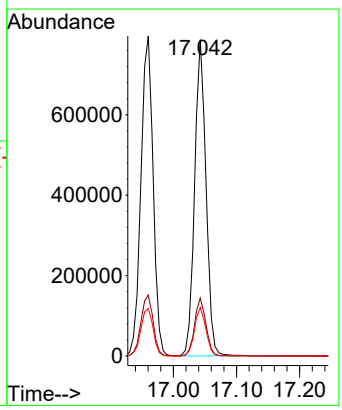
Supervised By :Jagrut Upadhyay 07/07/2025

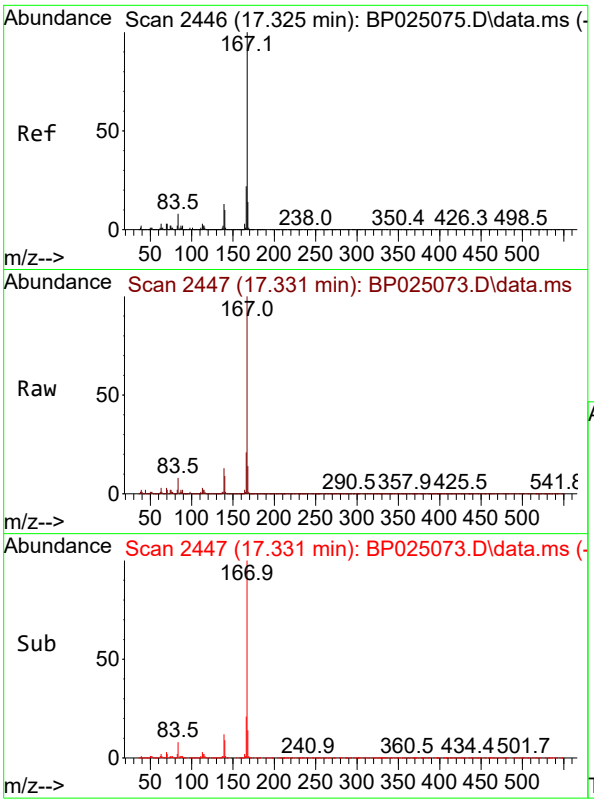


#72
Anthracene
Concen: 9.710 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 980773

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.5	18.7





#73
Carbazole
Concen: 9.917 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:167 Resp: 97937

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.5	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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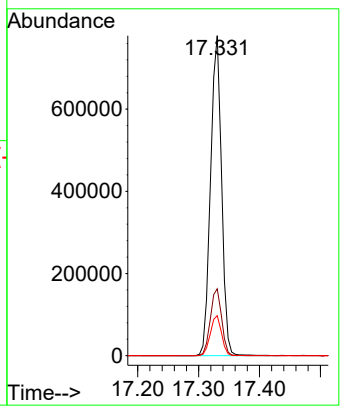
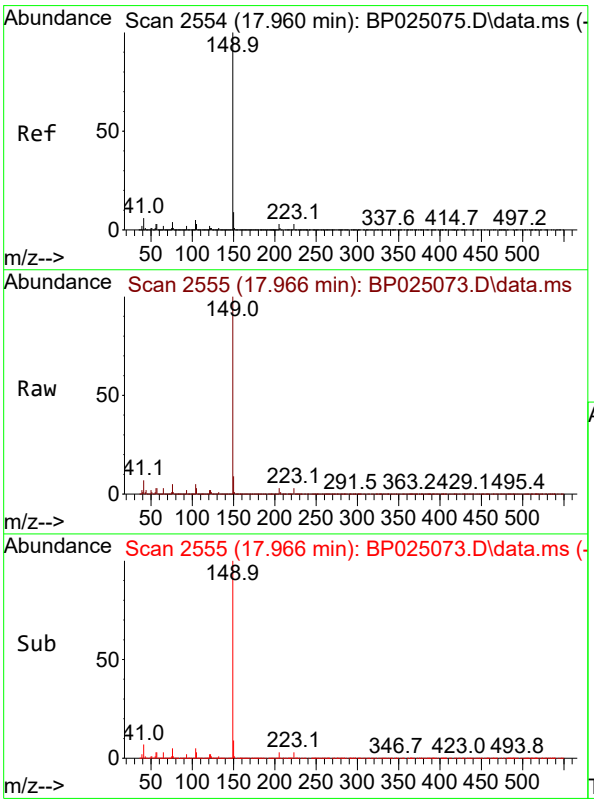
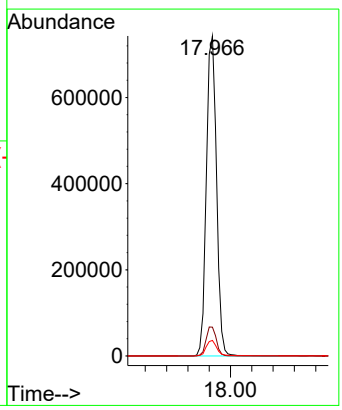


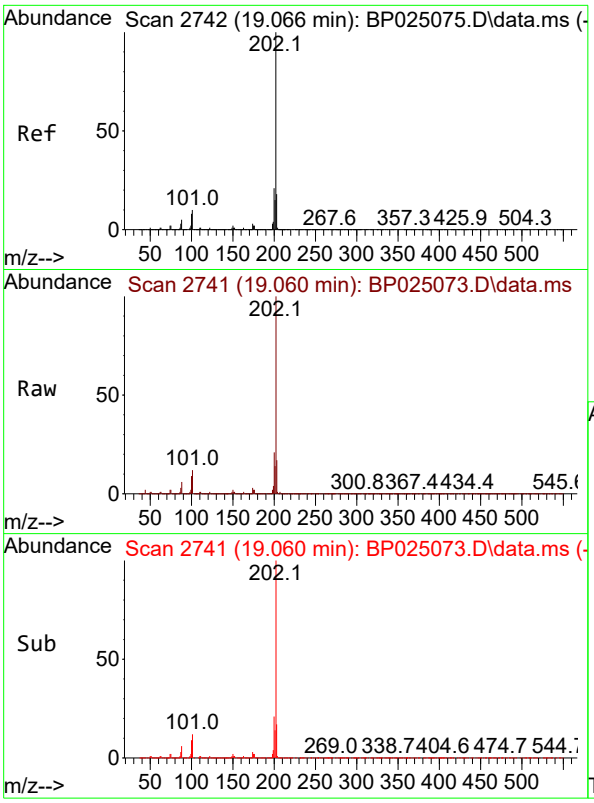


#74
Di-n-butylphthalate
Concen: 8.907 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 979540

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	3.8	5.6

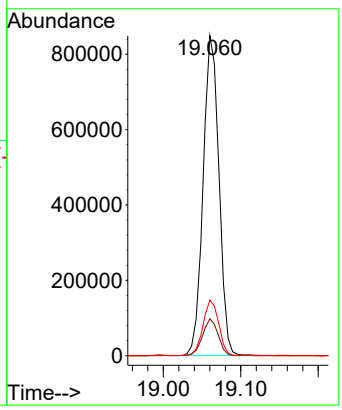




#75
Fluoranthene
Concen: 9.781 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 120375

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.4
203	17.4	0.0	37.6



Instrument :
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ClientSampleId :
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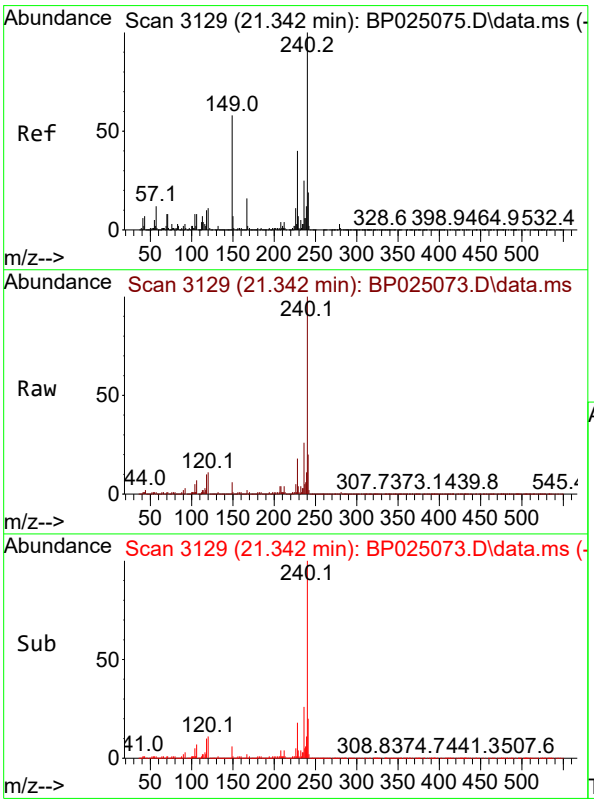
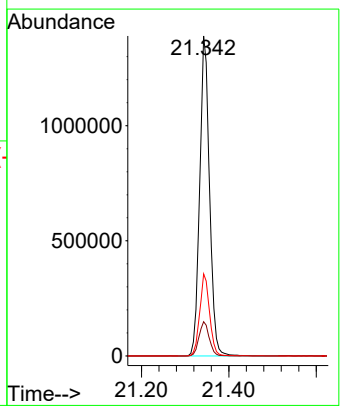
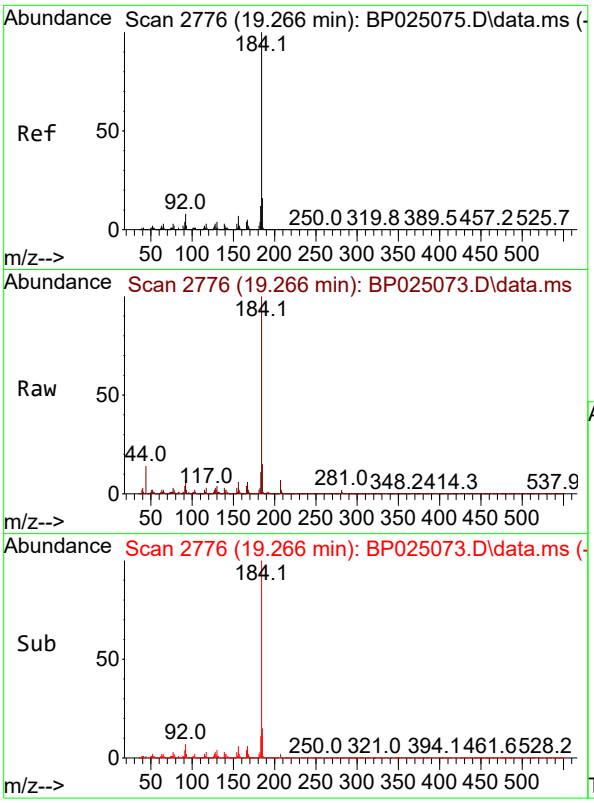


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:240 Resp: 2172955

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5

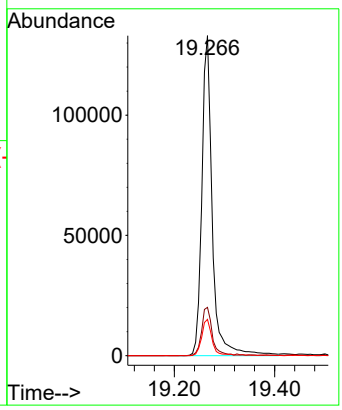




#77
Benzidine
Concen: 5.003 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 19200

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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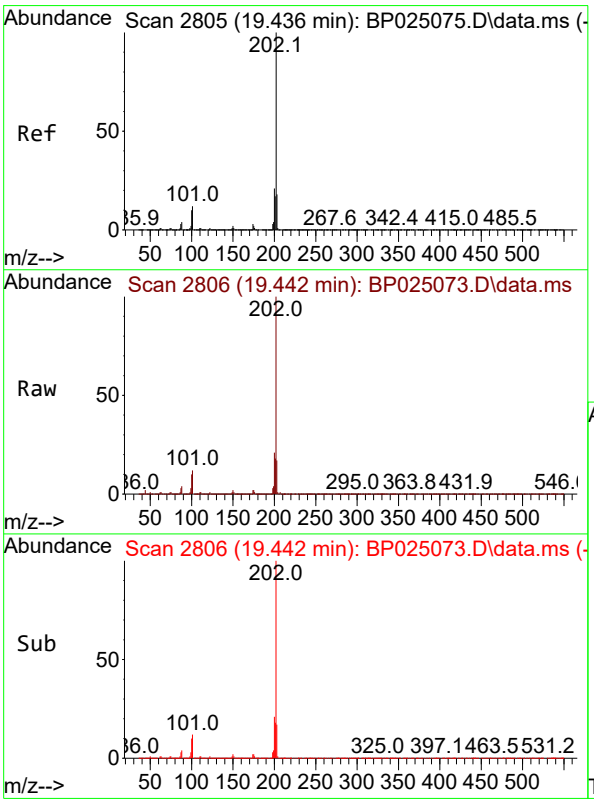
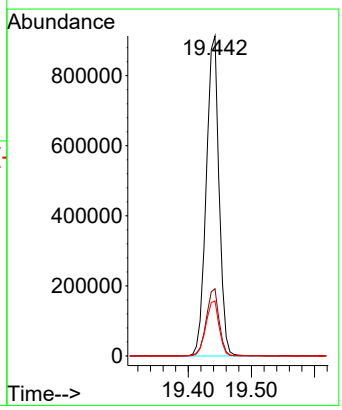
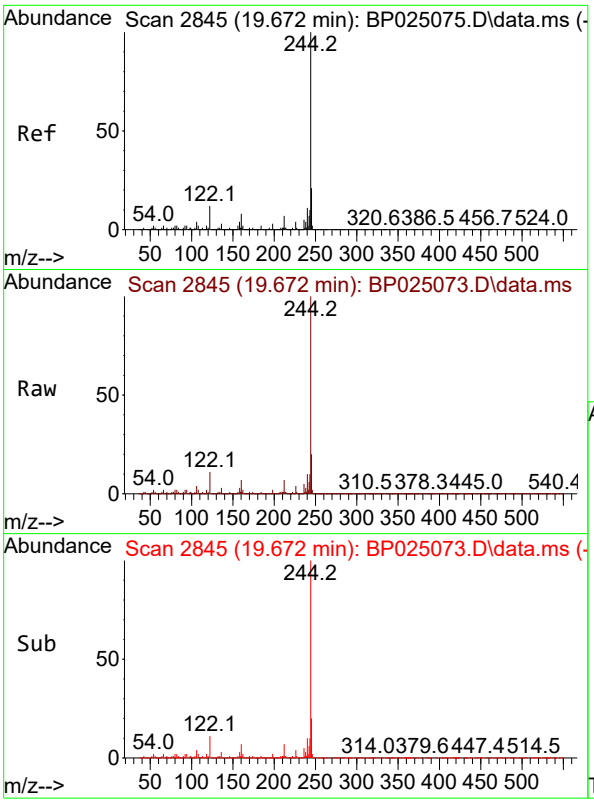


#78
Pyrene
Concen: 9.559 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 1286495

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.1	21.1

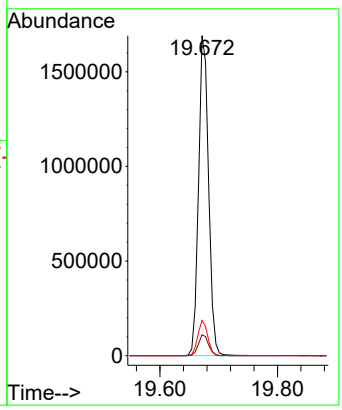




#79
Terphenyl-d14
Concen: 20.207 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:244 Resp: 199783

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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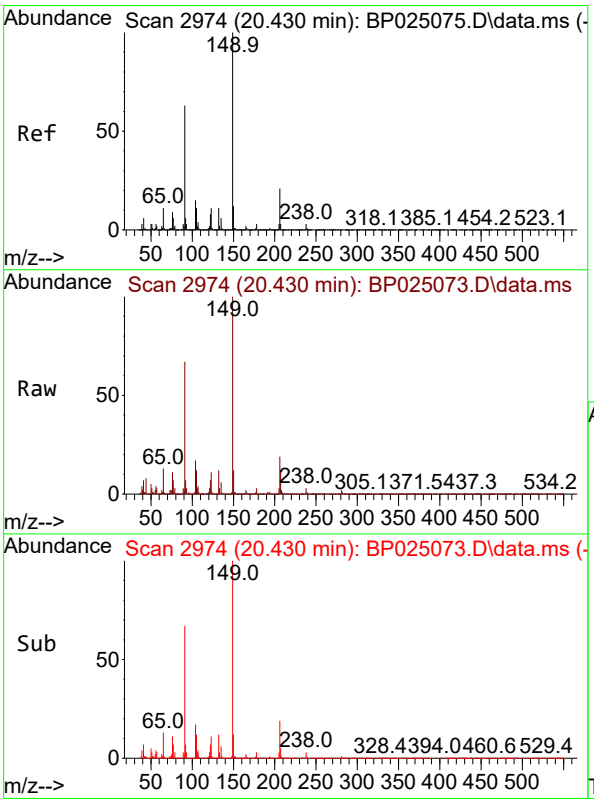
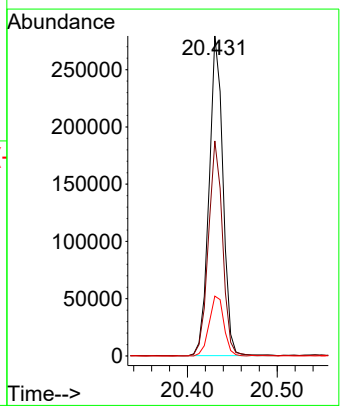
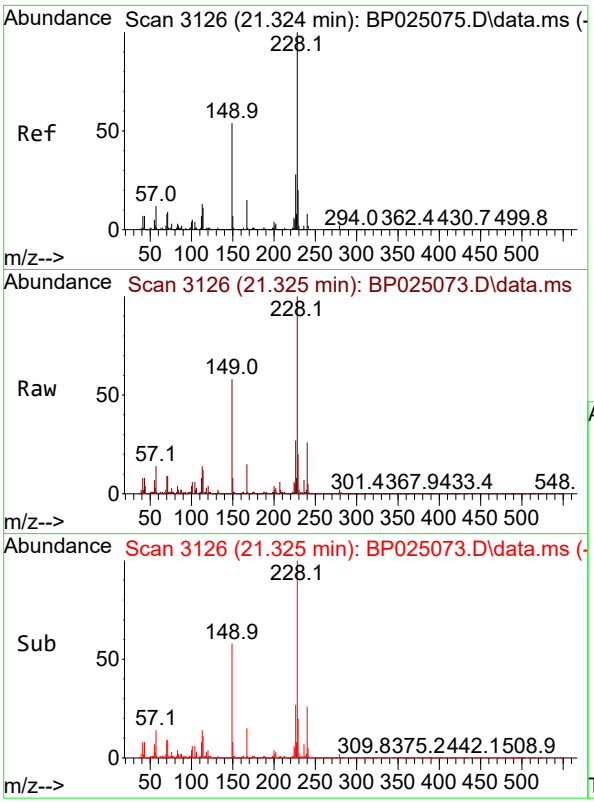


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 300028

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.6	76.0
206	18.7	17.2	25.8

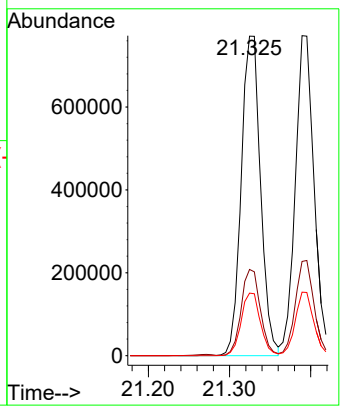




#81
Benzo(a)anthracene
Concen: 9.691 ng
RT: 21.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:228 Resp: 127610

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.6	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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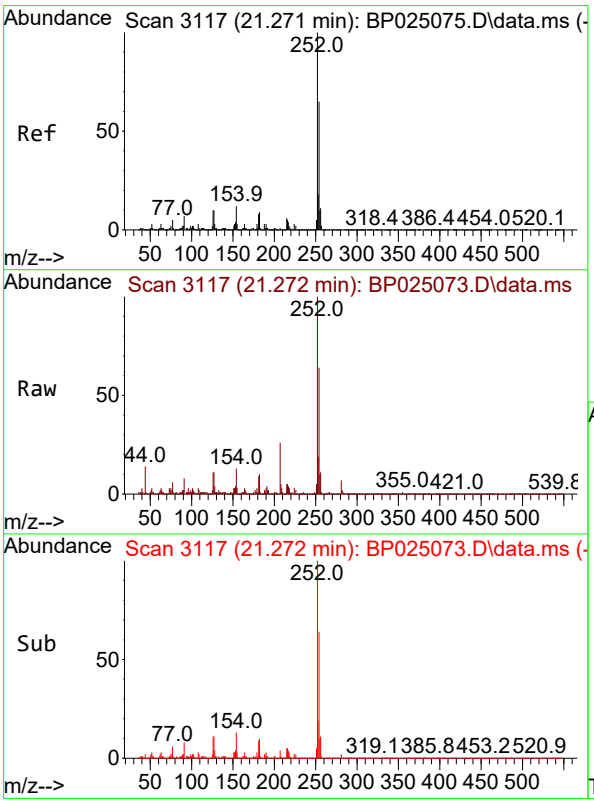
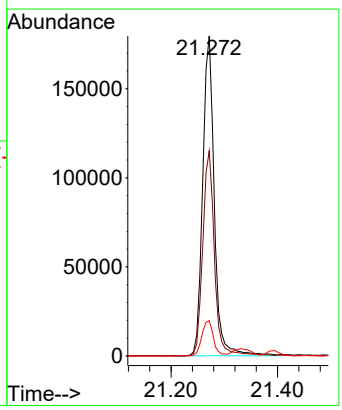
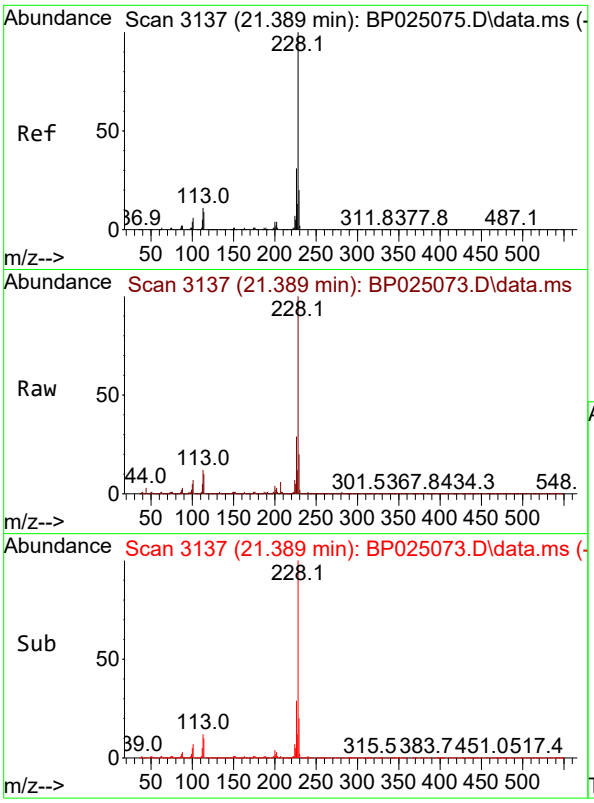


#82
3,3'-Dichlorobenzidine
Concen: 6.834 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 270931

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.0	8.1	12.1

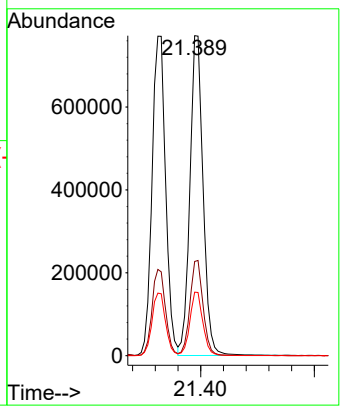




#83
Chrysene
Concen: 9.832 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:228 Resp: 124600

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.9	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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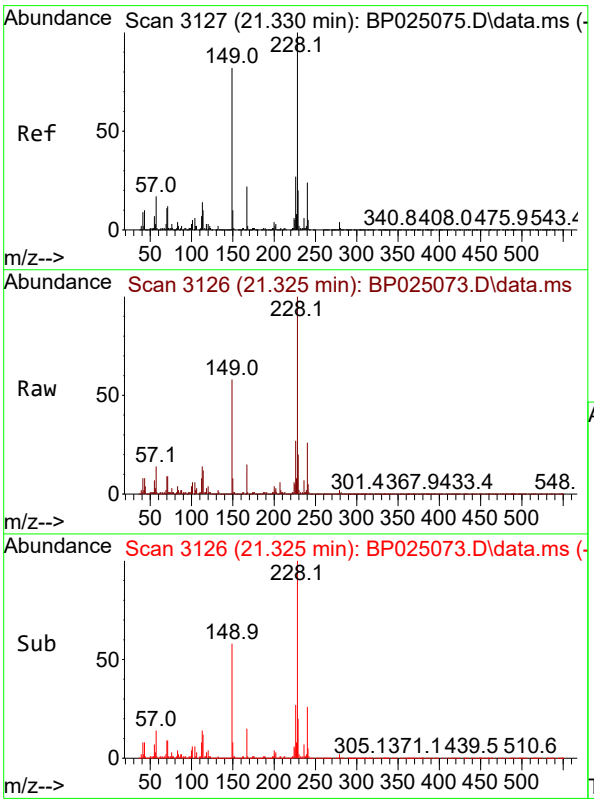
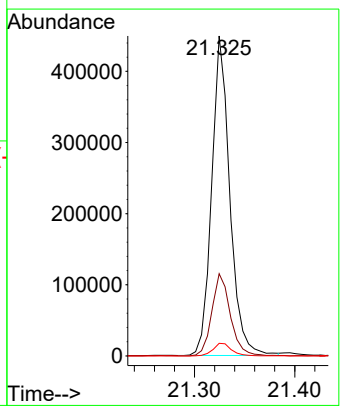
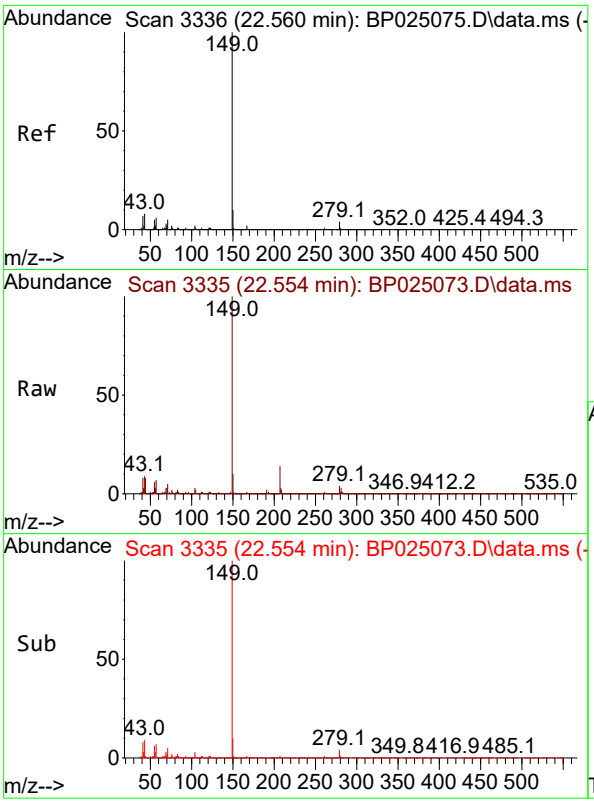


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.999 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 564998

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	3.9	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 10.561 ng
RT: 22.554 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 66201

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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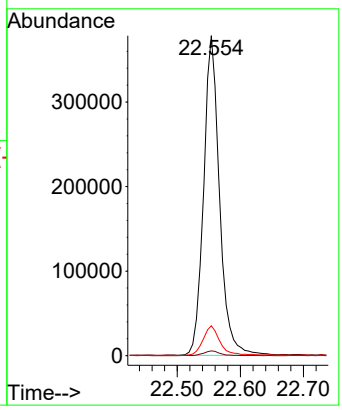
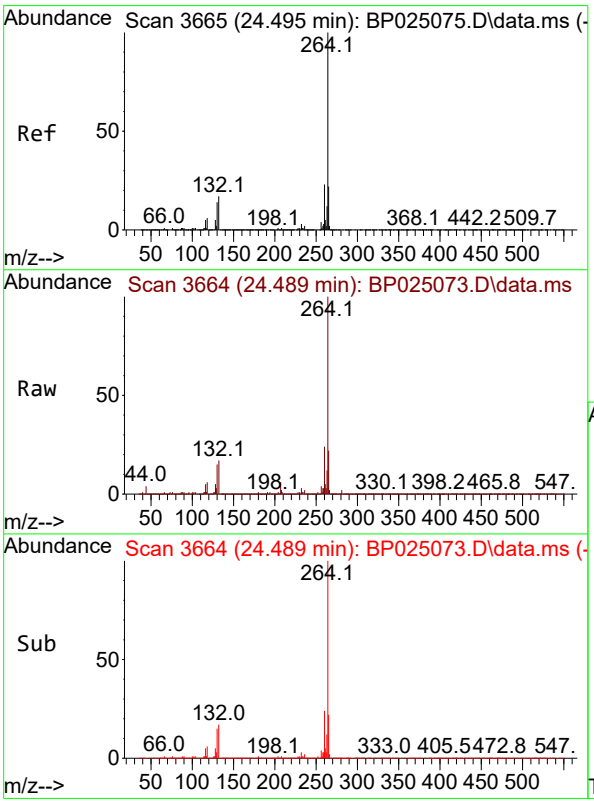
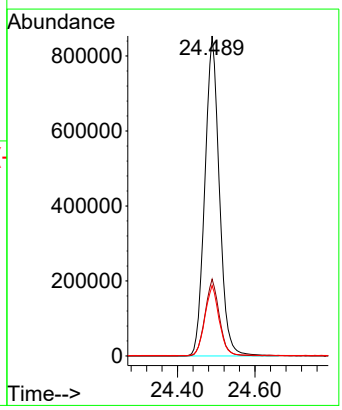


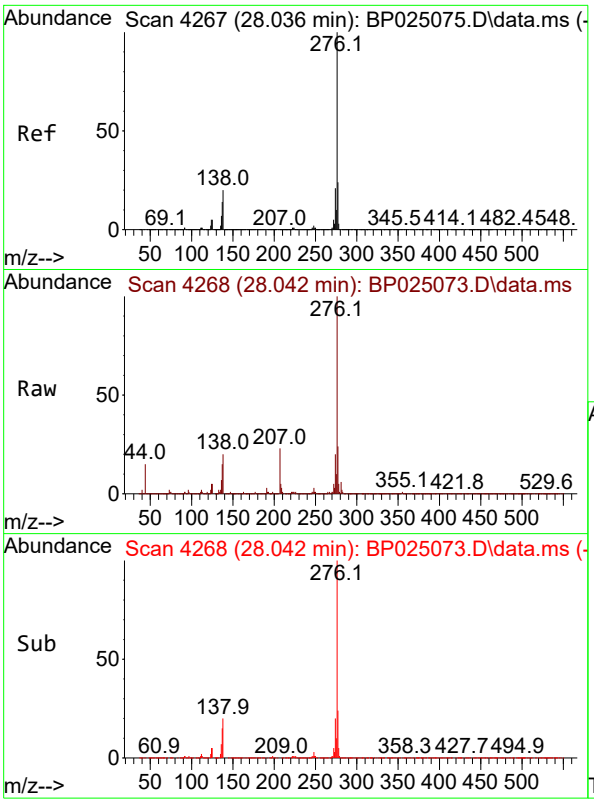


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:264 Resp: 2220570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.7	26.5

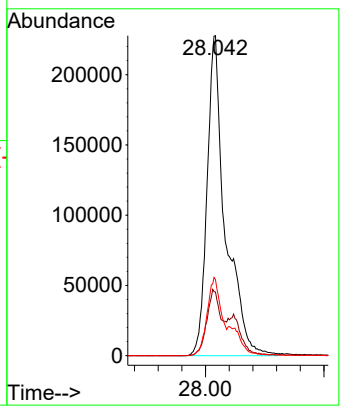




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.642 ng
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 122286

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.0	19.6
277	18.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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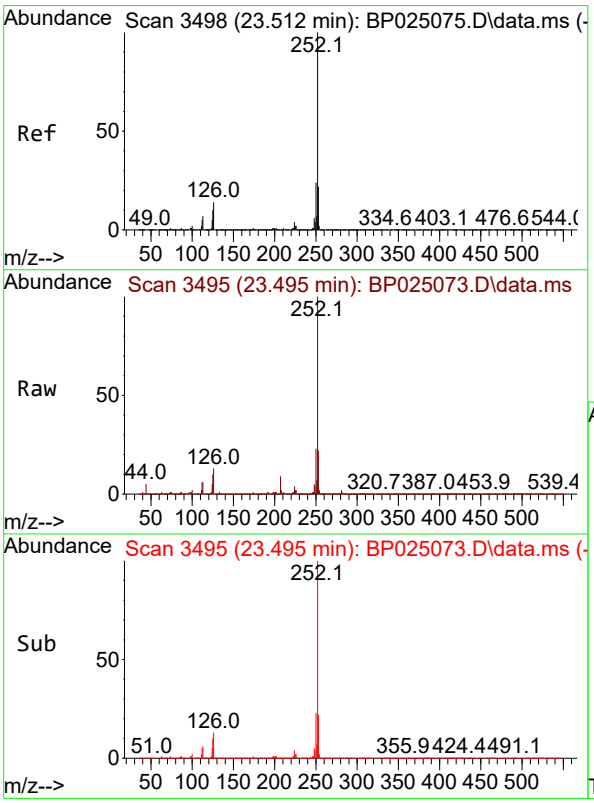
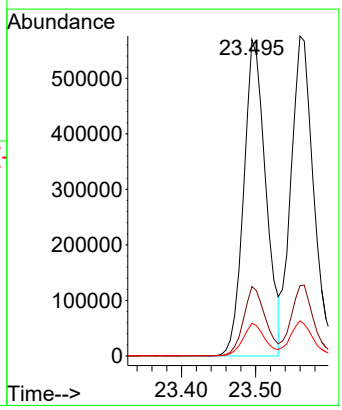
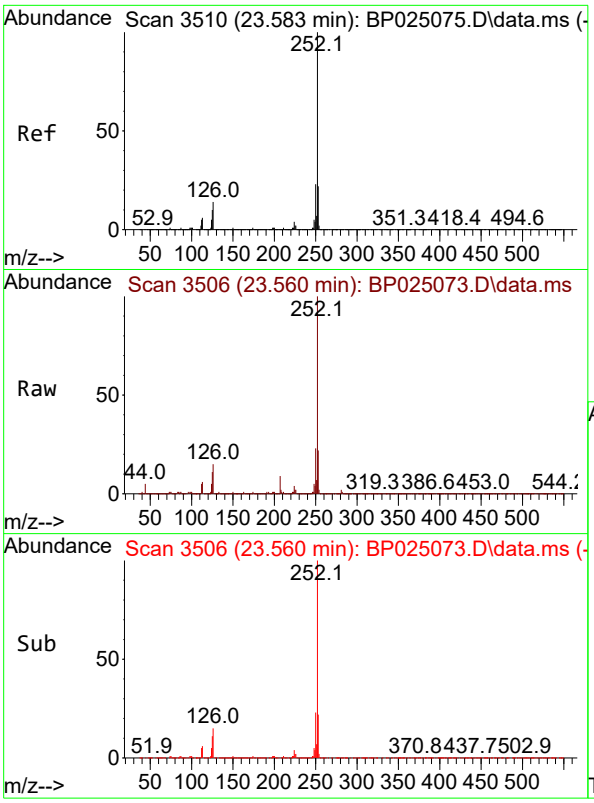


#88
Benzo(b)fluoranthene
Concen: 9.134 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 1180548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.3	8.1	12.1

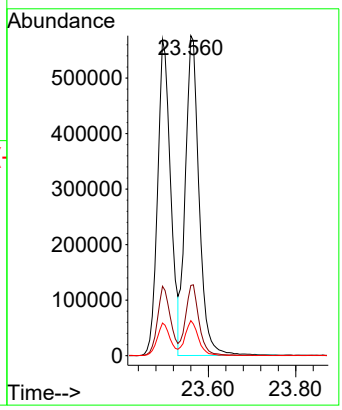




#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 125298

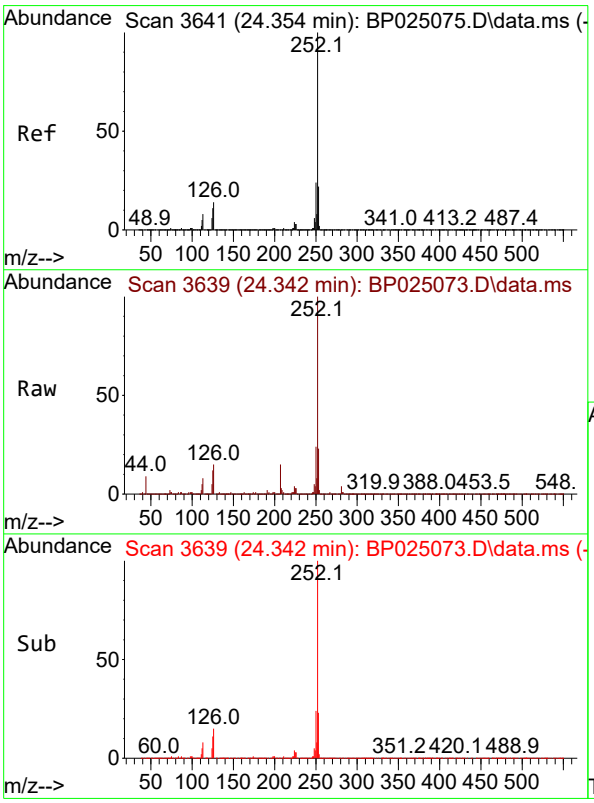
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

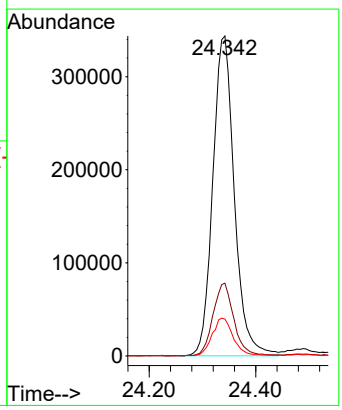
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

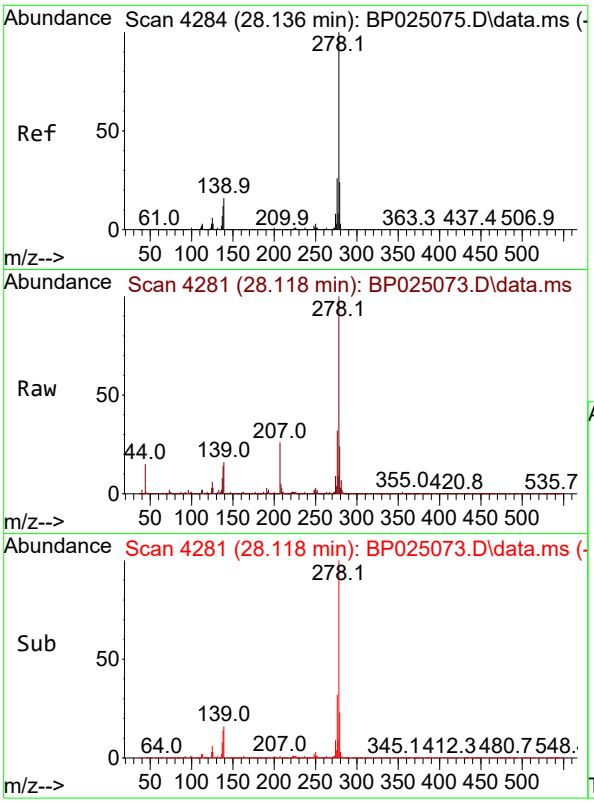


#90
Benzo(a)pyrene
Concen: 8.758 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 963455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.5	9.0	13.4

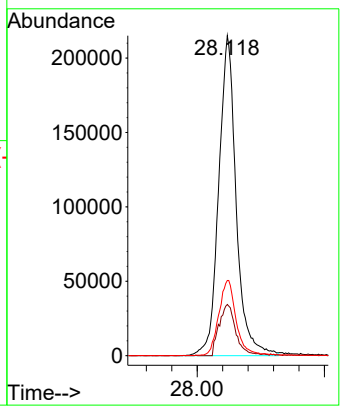




#91
Dibenzo(a,h)anthracene
Concen: 8.747 ng
RT: 28.118 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:278 Resp: 102279

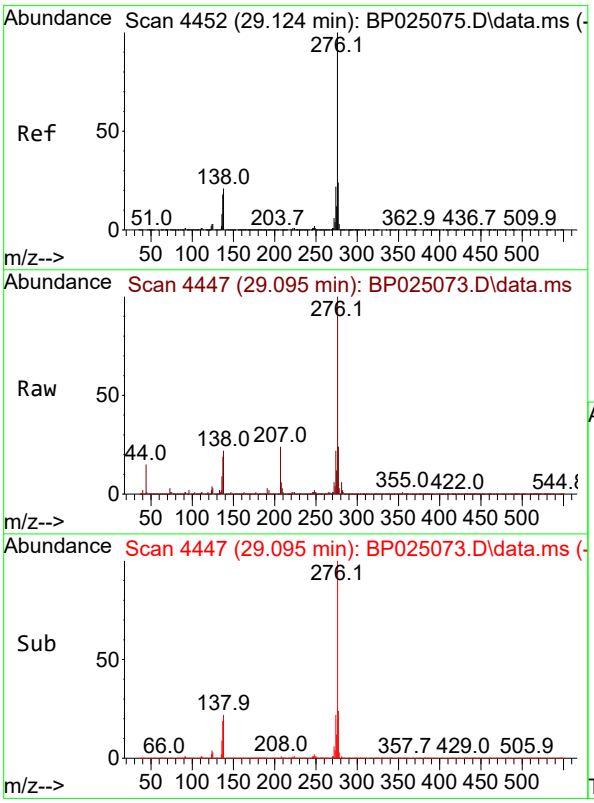
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

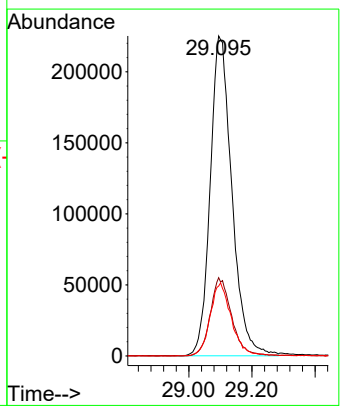
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 8.886 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 1073371

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng		0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	842975	41.776	ng		0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng		0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng		0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng		98
3) Pyridine	3.490	79	444402	20.702	ng		98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng	#	98
6) Aniline	6.784	93	511196	20.777	ng		99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng		98
9) Benzaldehyde	6.596	77	319740	23.250	ng		99
10) Phenol	6.655	94	554695	20.731	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng		99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng		99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng		98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng		100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng		99
17) 2-Methylphenol	7.878	107	359925	20.883	ng		99
18) Hexachloroethane	8.502	117	171635	20.594	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng		97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng		99
22) Acetophenone	8.243	105	733244	21.234	ng		99
24) Nitrobenzene	8.613	77	465912	20.834	ng		98
25) Isophorone	9.131	82	857174	20.891	ng		100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng		97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng		99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng		99
31) Naphthalene	10.237	128	1578374	20.993	ng		99
32) Benzoic acid	9.472	122	222091	18.881	ng		99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng		98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng		99
35) Caprolactam	11.096	113	148067	20.394	ng		99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng		100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng		99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng		100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng		97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

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

ICAL Form

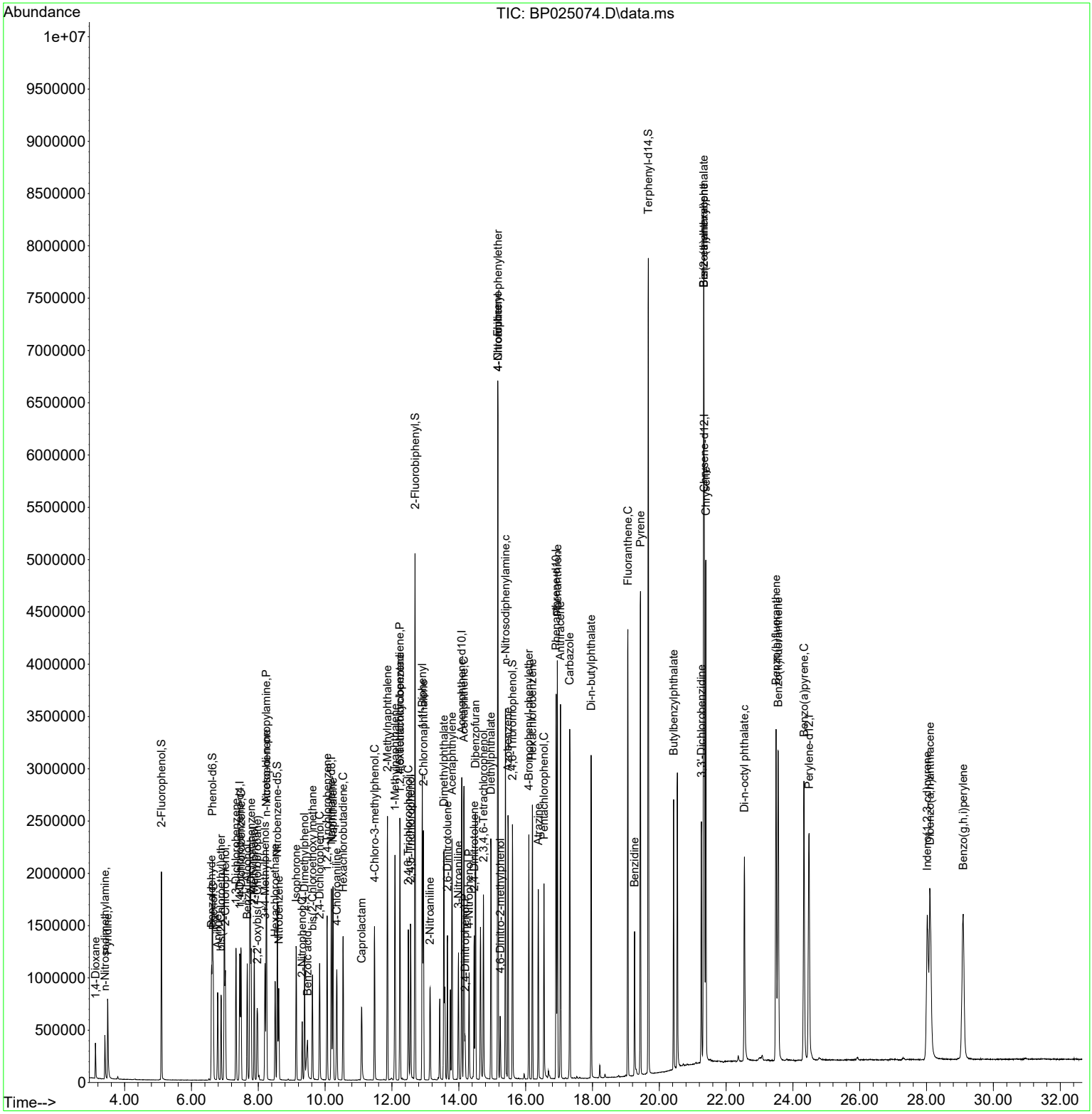
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

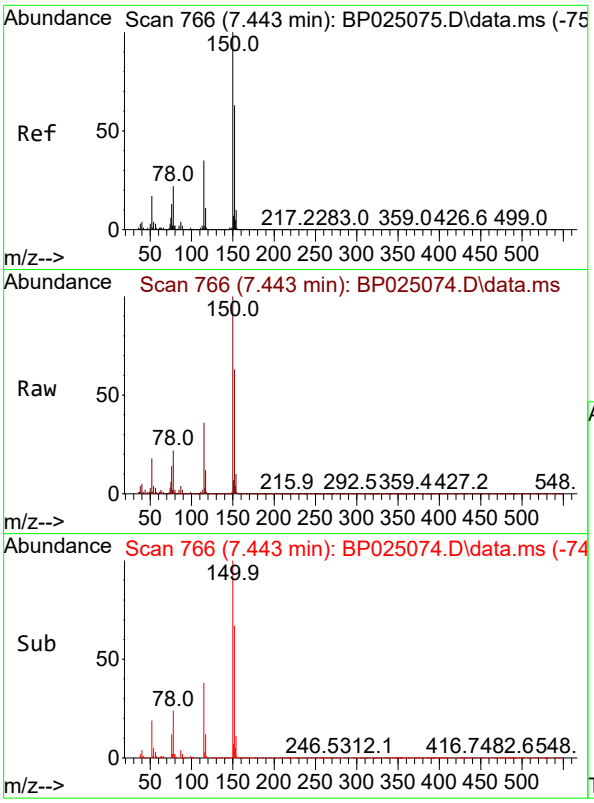
Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

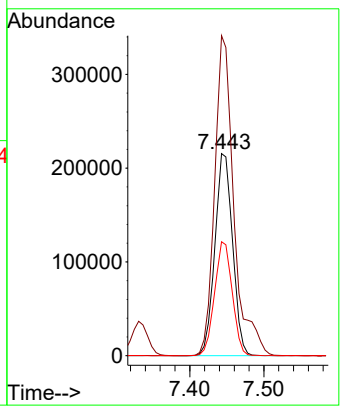




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:152 Resp: 35753

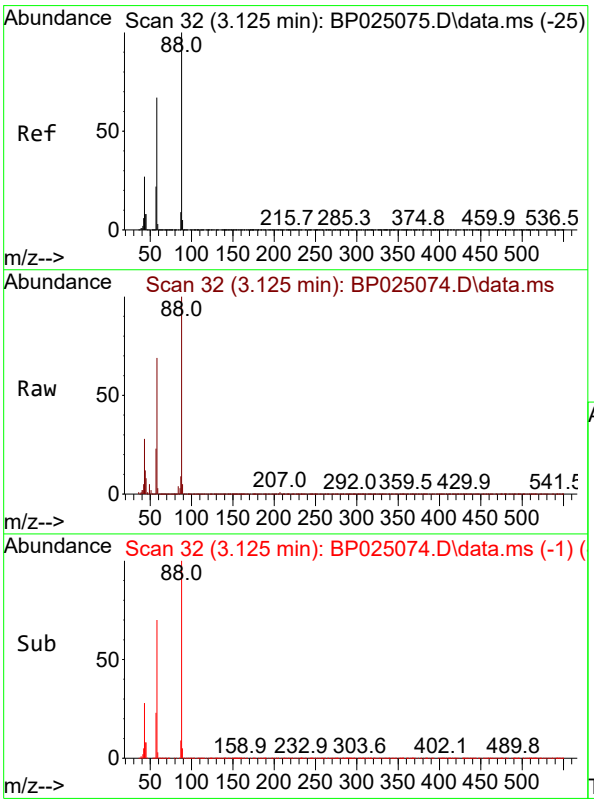
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	56.4	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

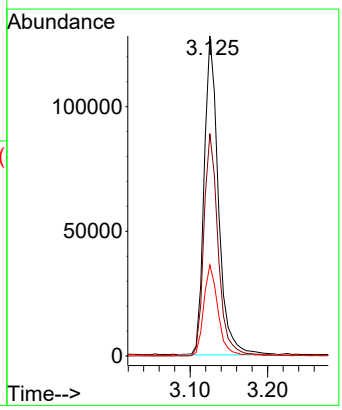
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

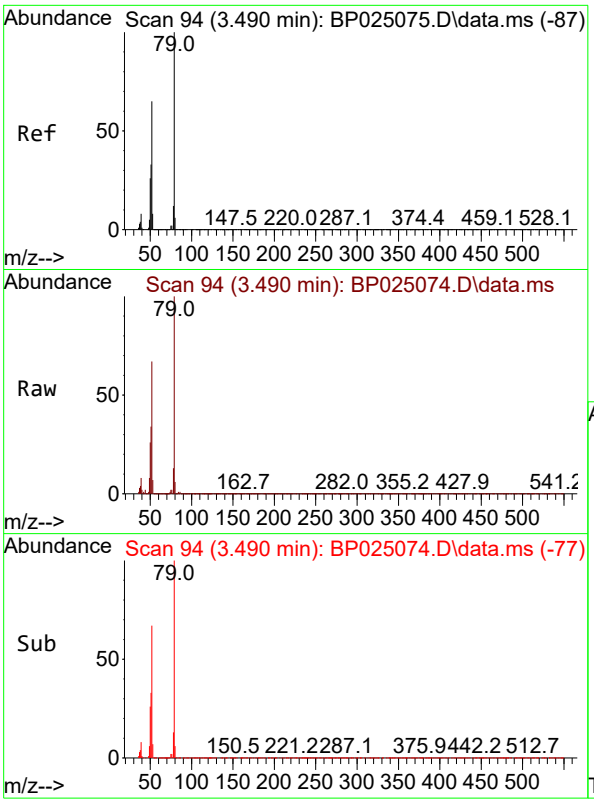


#2
1,4-Dioxane
Concen: 20.836 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 88 Resp: 163489

Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.0	82.4
43	28.4	21.9	32.9

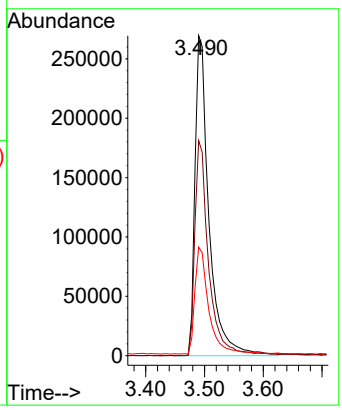




#3
Pyridine
Concen: 20.702 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 79 Resp: 44440

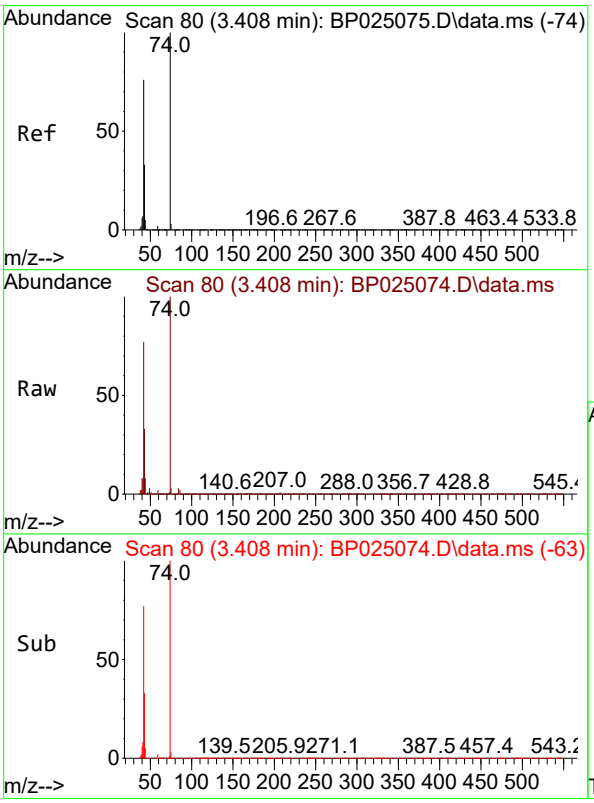
Ion	Ratio	Lower	Upper
79	100		
52	67.2	52.2	78.4
51	33.9	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

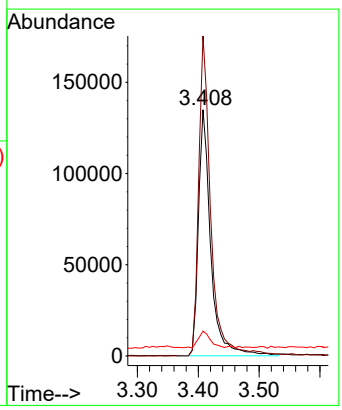
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

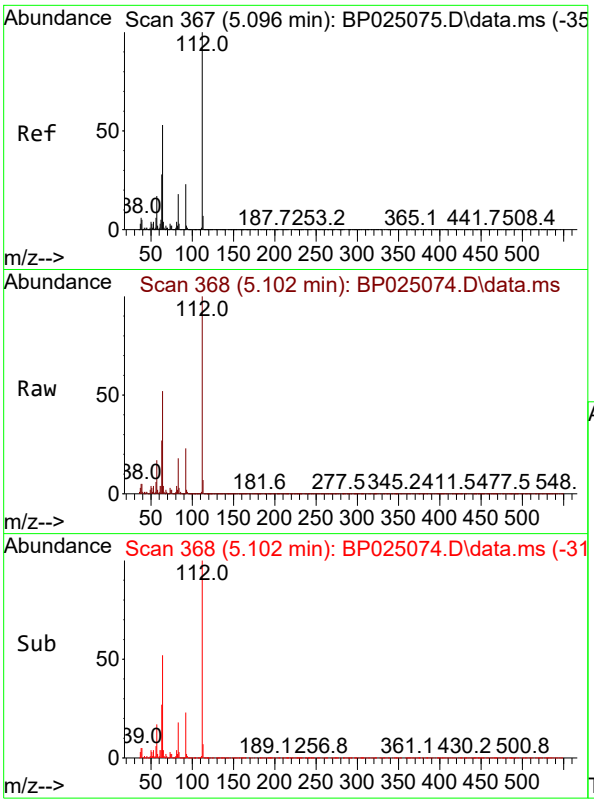


#4
n-Nitrosodimethylamine
Concen: 20.874 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 42 Resp: 189864

Ion	Ratio	Lower	Upper
42	100		
74	130.0	105.2	157.8
44	10.1	6.6	9.8#





#5
2-Fluorophenol
Concen: 41.776 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

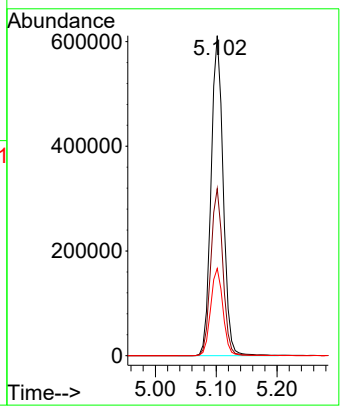
Tgt Ion:112 Resp: 84297

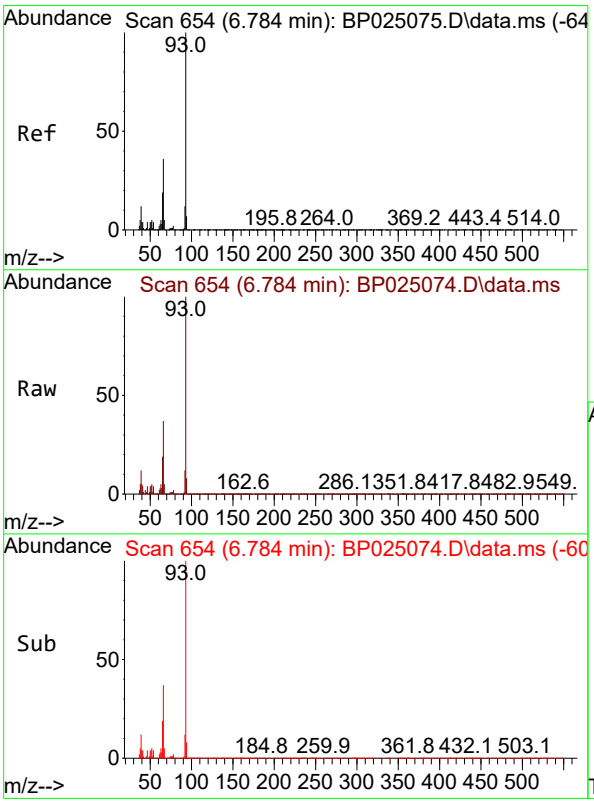
Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	27.3	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

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

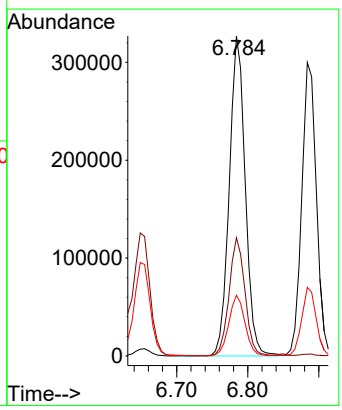


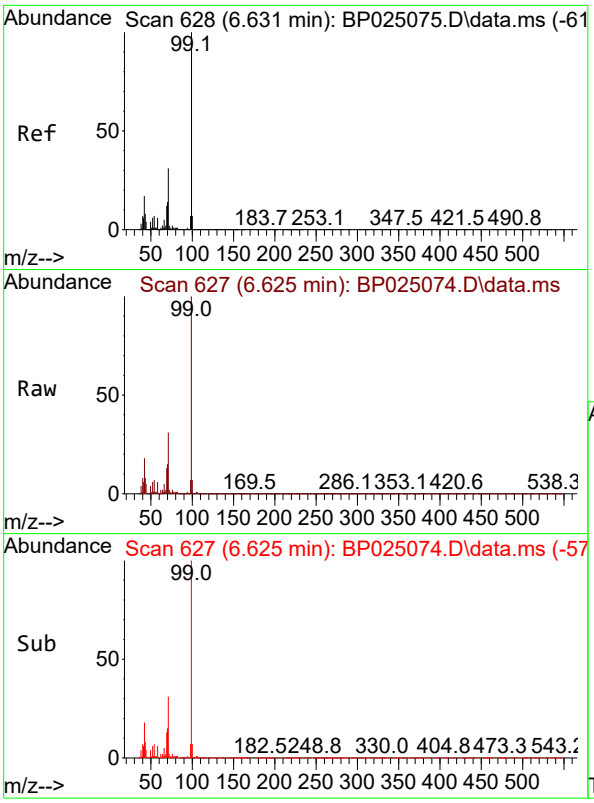


#6
Aniline
Concen: 20.777 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 511196

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.9	15.2	22.8

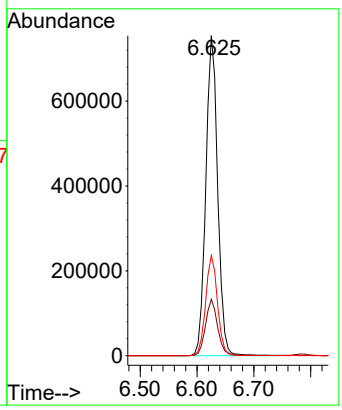




#7
Phenol-d6
Concen: 41.286 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 99 Resp: 108716

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	31.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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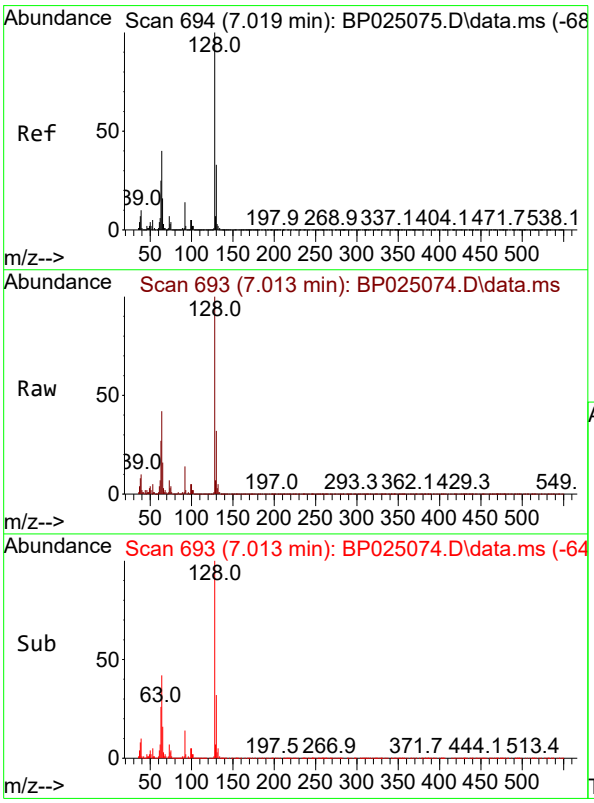
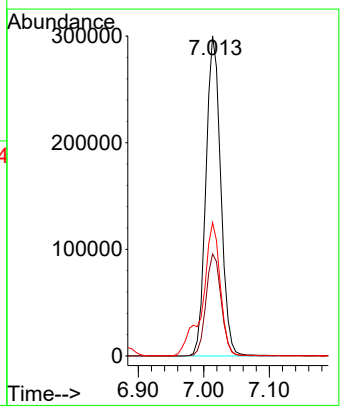
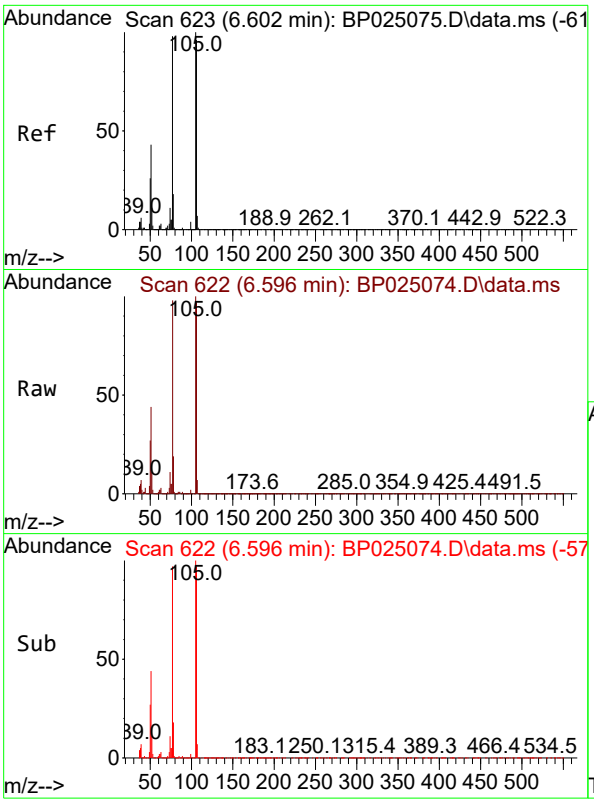


#8
2-Chlorophenol
Concen: 20.908 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 472043

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	41.7	20.3	60.3

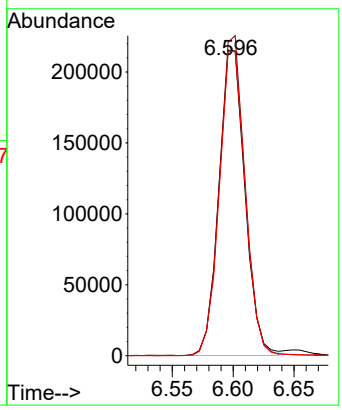




#9
Benzaldehyde
Concen: 23.250 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 319746

Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.4	122.4
106	99.5	78.3	118.3



Instrument :
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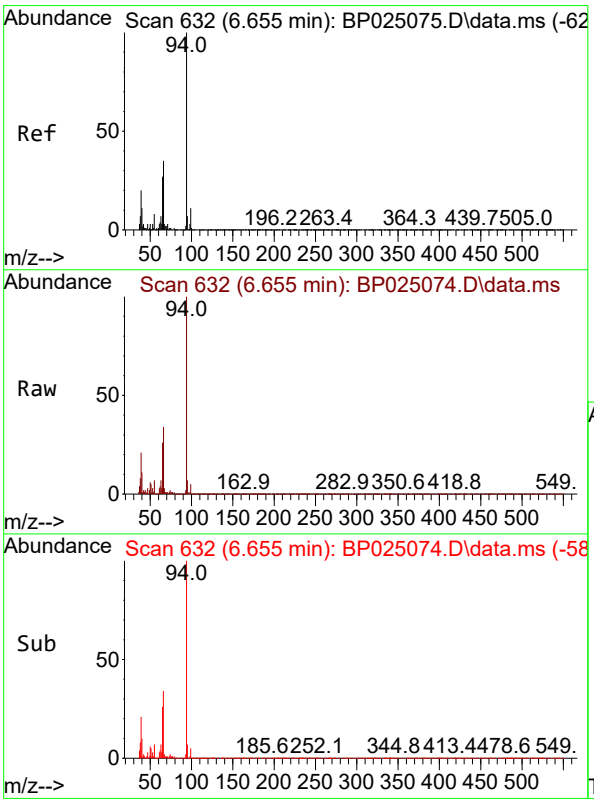
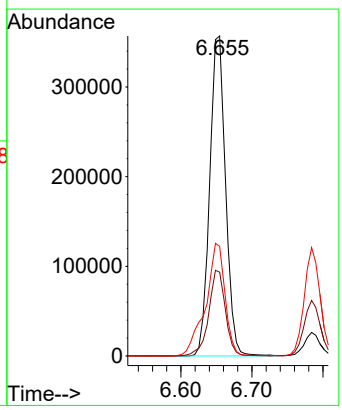
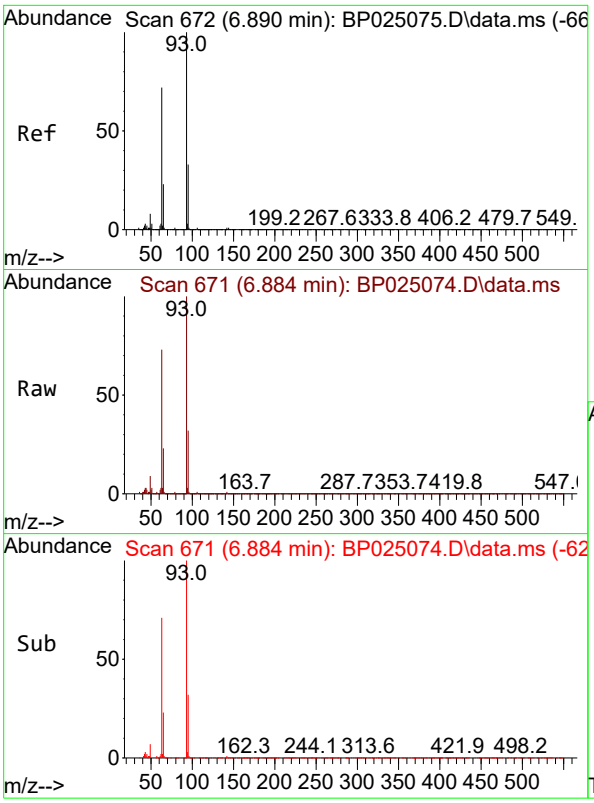


#10
Phenol
Concen: 20.731 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 94 Resp: 554695

Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.9	46.9
66	34.3	14.6	54.6

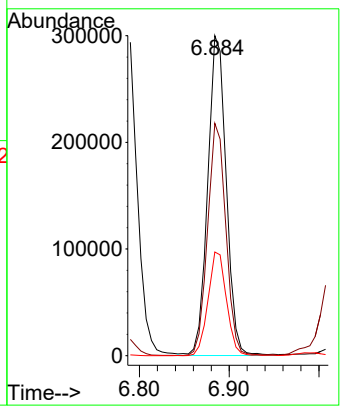




#11
bis(2-Chloroethyl)ether
Concen: 20.838 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 42910

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.4	12.4	52.4



Instrument :
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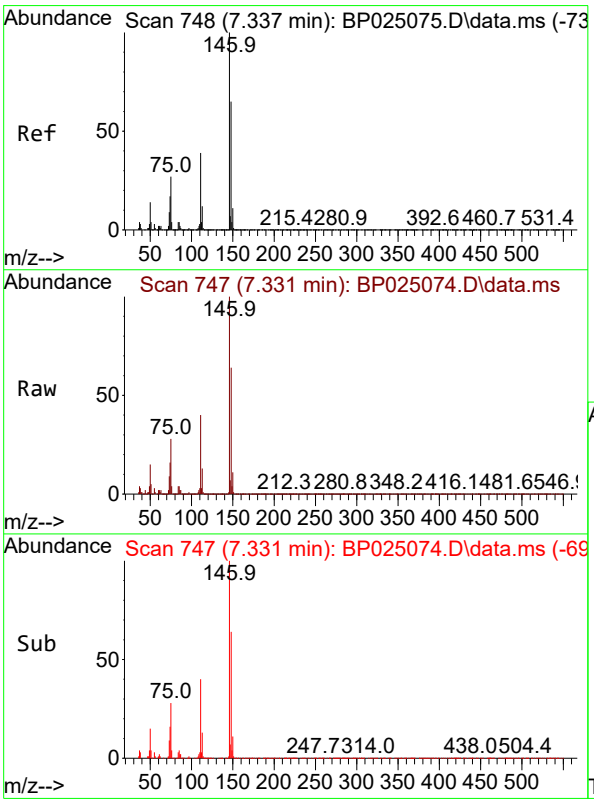
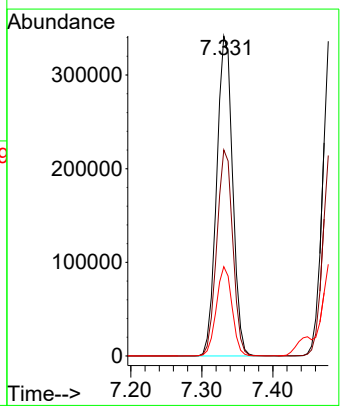
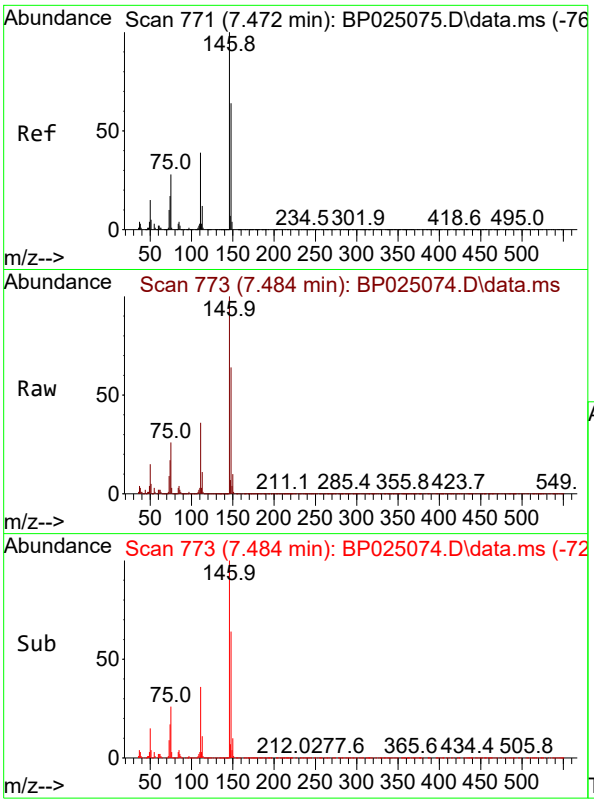


#12
1,3-Dichlorobenzene
Concen: 21.016 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 531035

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.9	21.8	32.6

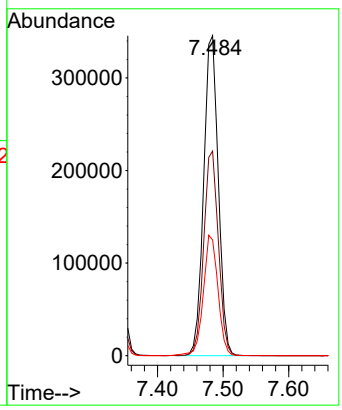




#13
1,4-Dichlorobenzene
Concen: 21.030 ng
RT: 7.484 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 53800

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	36.2	31.2	46.8



Instrument :
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ClientSampleId :
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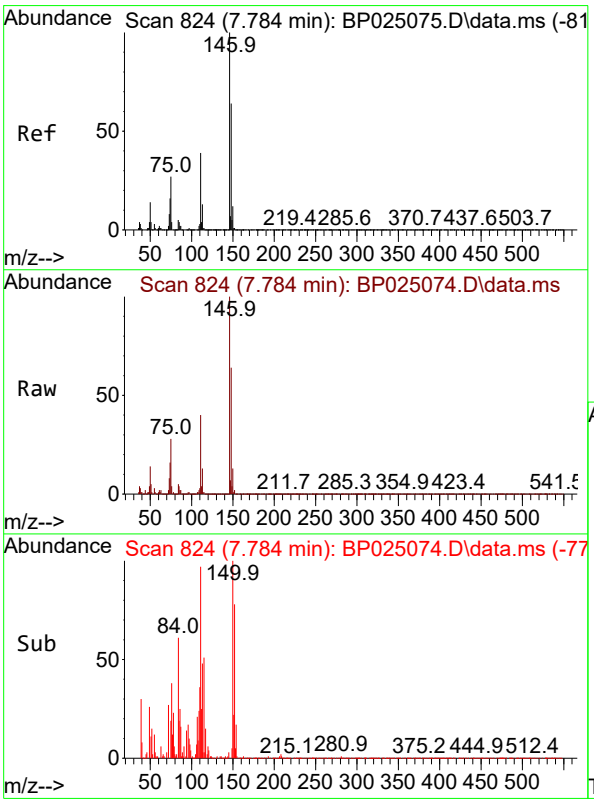
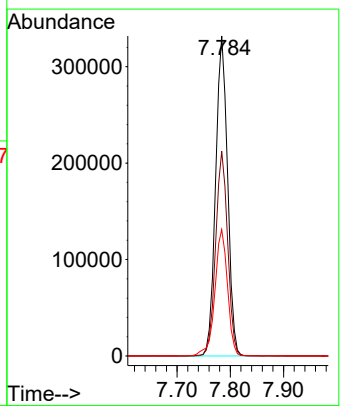
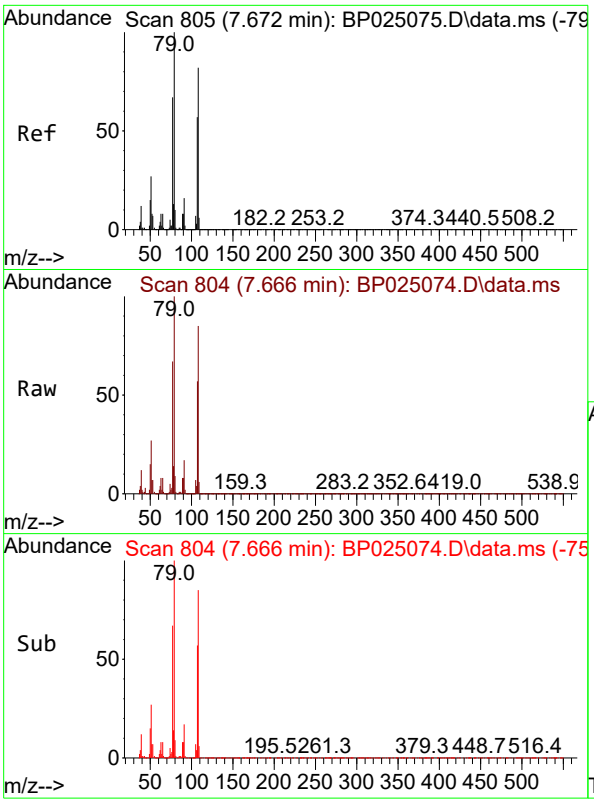


#14
1,2-Dichlorobenzene
Concen: 20.995 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 516666

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	39.5	31.2	46.8

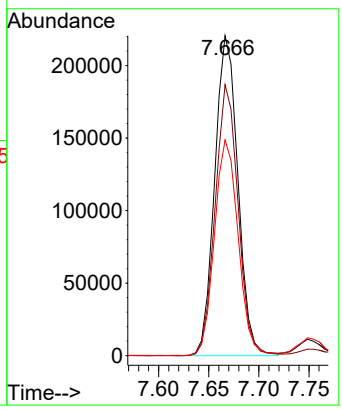




#15
Benzyl Alcohol
Concen: 20.160 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 79 Resp: 35431

Ion	Ratio	Lower	Upper
79	100		
108	84.7	66.0	99.0
77	67.4	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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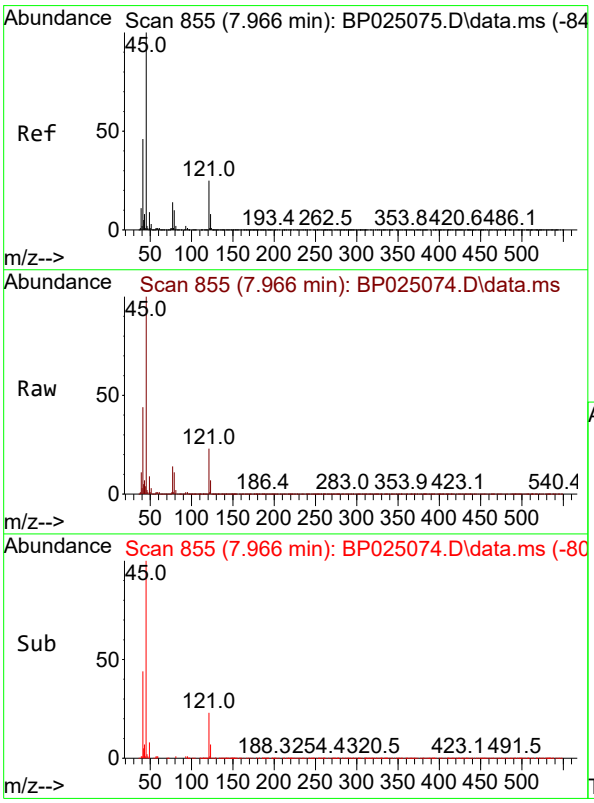
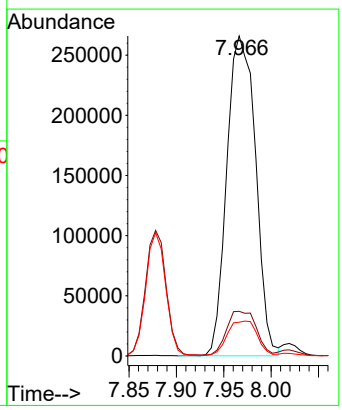
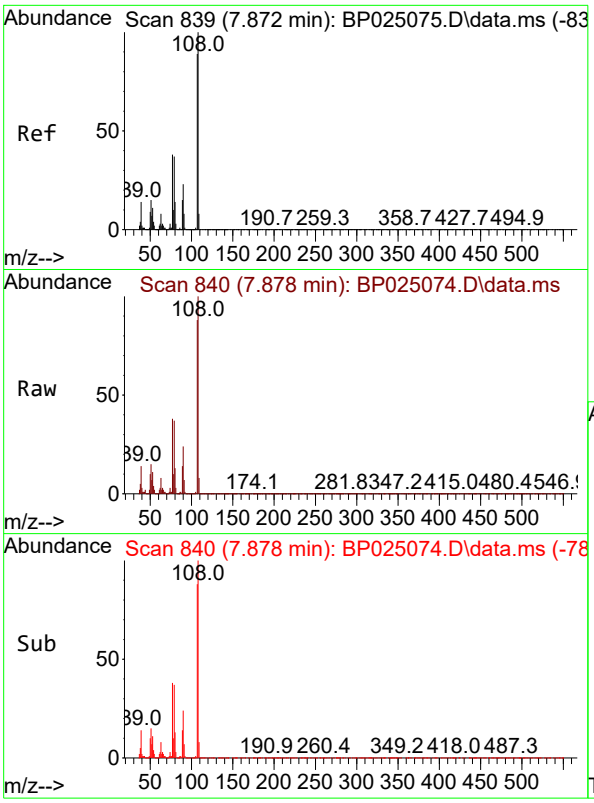


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.963 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 45 Resp: 561269

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.8
79	10.5	0.0	30.7

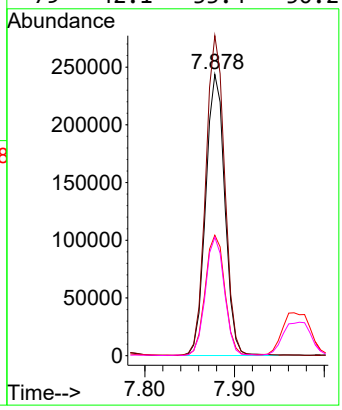




#17
2-Methylphenol
Concen: 20.883 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 35992

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.7	134.5
77	42.8	34.2	51.4
79	42.1	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
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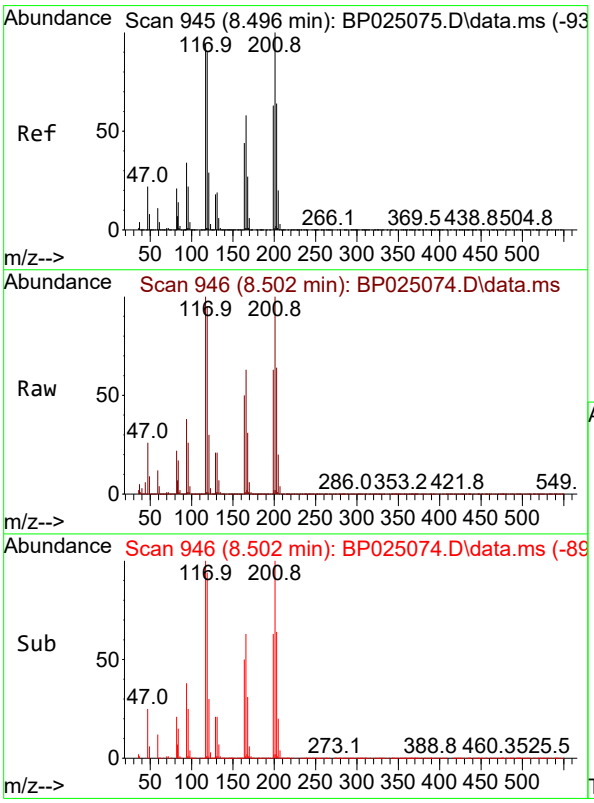
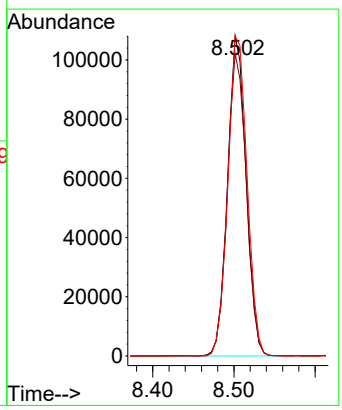
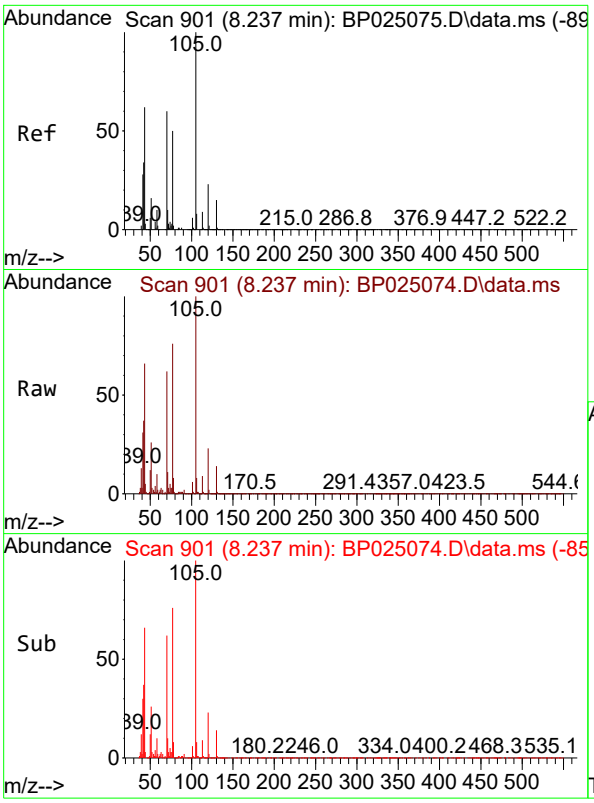


#18
Hexachloroethane
Concen: 20.594 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:117 Resp: 171635

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	100.0	85.4	128.2

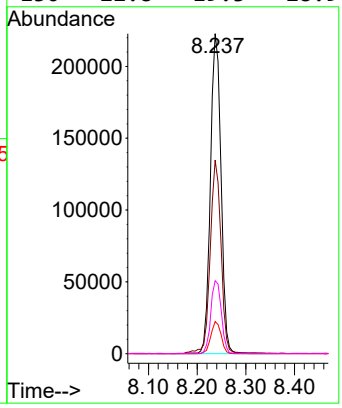




#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 70 Resp: 33533

Ion	Ratio	Lower	Upper
70	100		
42	60.5	46.5	69.7
101	10.1	7.9	11.9
130	22.8	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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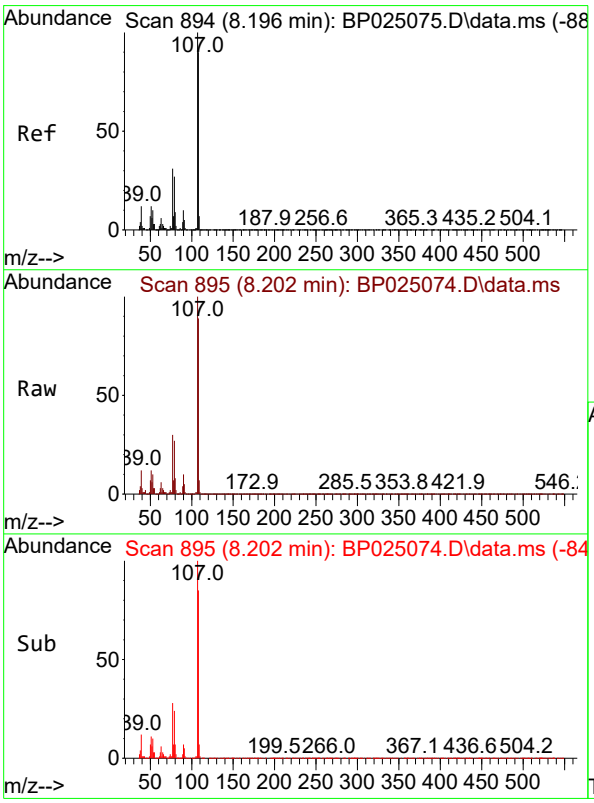
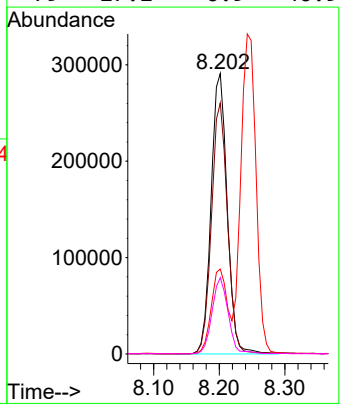
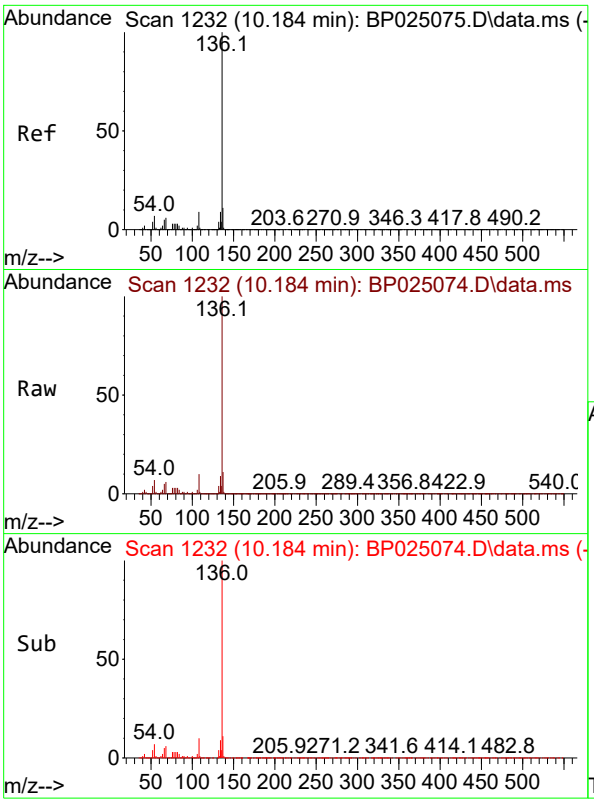


#20
3+4-Methylphenols
Concen: 20.484 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 494507

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	30.3	11.4	51.4
79	27.2	6.9	46.9

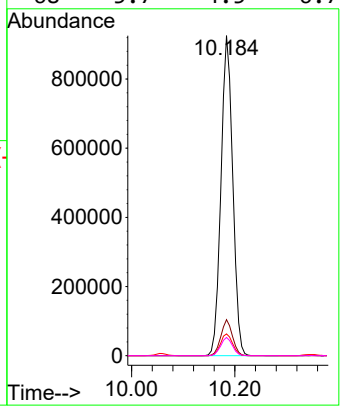




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:136 Resp: 146014

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.5	6.7



Instrument :
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ClientSampleId :
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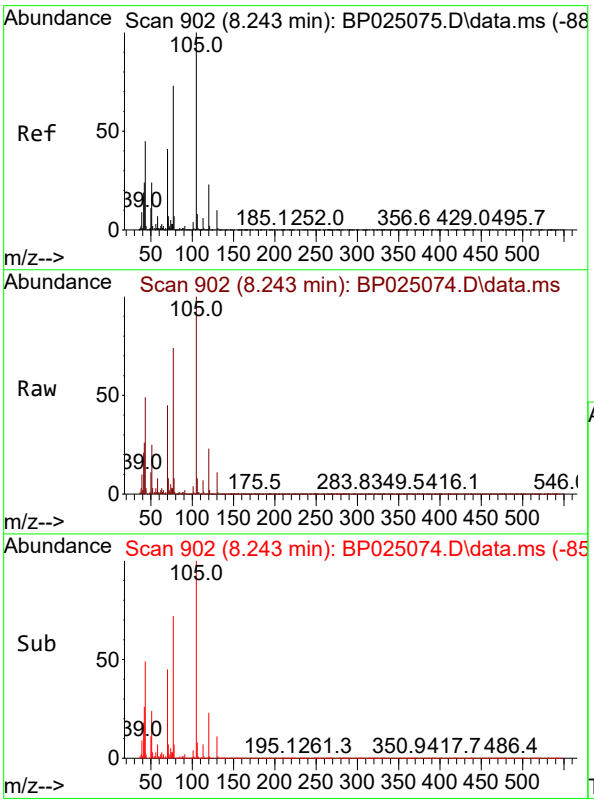
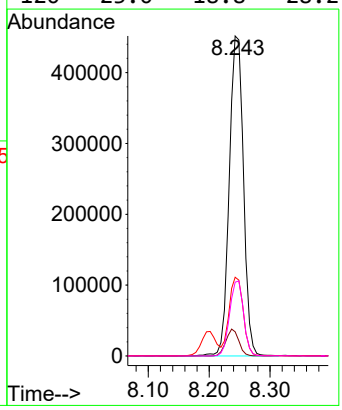
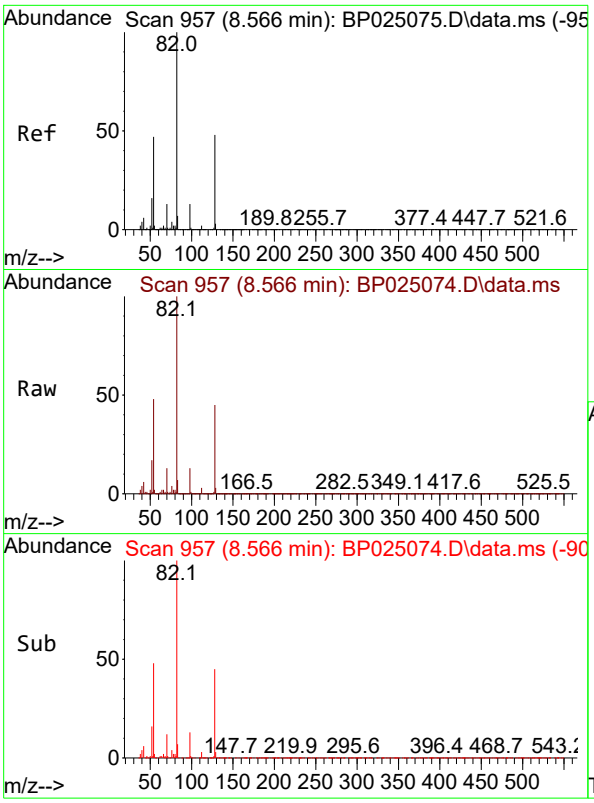


#22
Acetophenone
Concen: 21.234 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:105 Resp: 733244

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.4	8.2
51	24.6	19.6	29.4
120	23.0	18.8	28.2

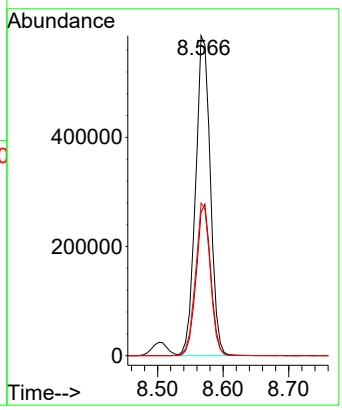




#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 82 Resp: 91803

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.4	57.6
54	47.7	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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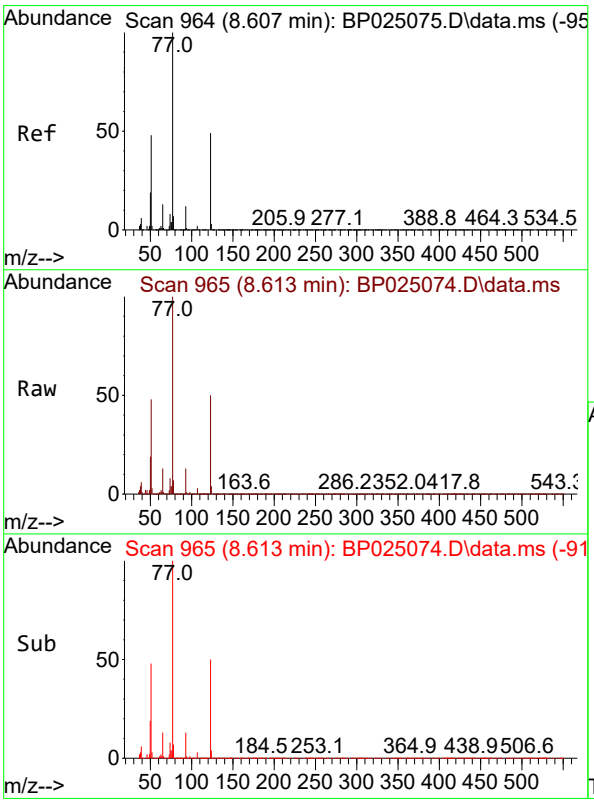
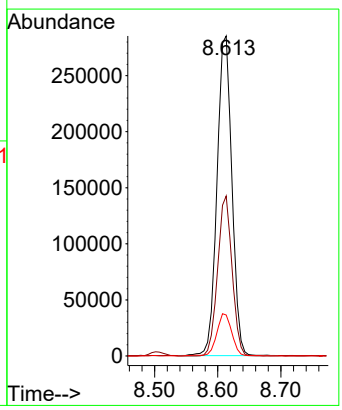
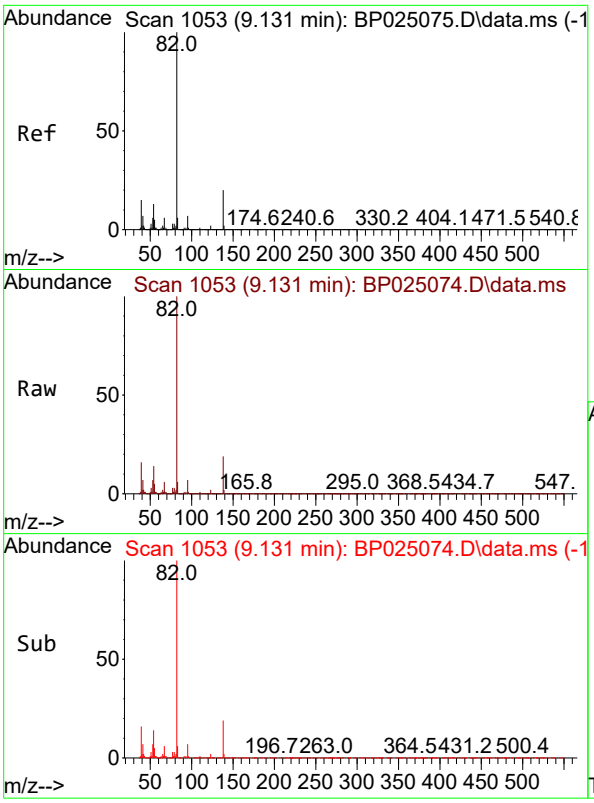


#24
Nitrobenzene
Concen: 20.834 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 465912

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.0	58.6
65	12.8	10.7	16.1

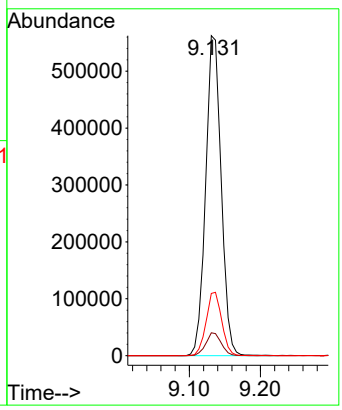




#25
Isophorone
Concen: 20.891 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 82 Resp: 85717

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.5	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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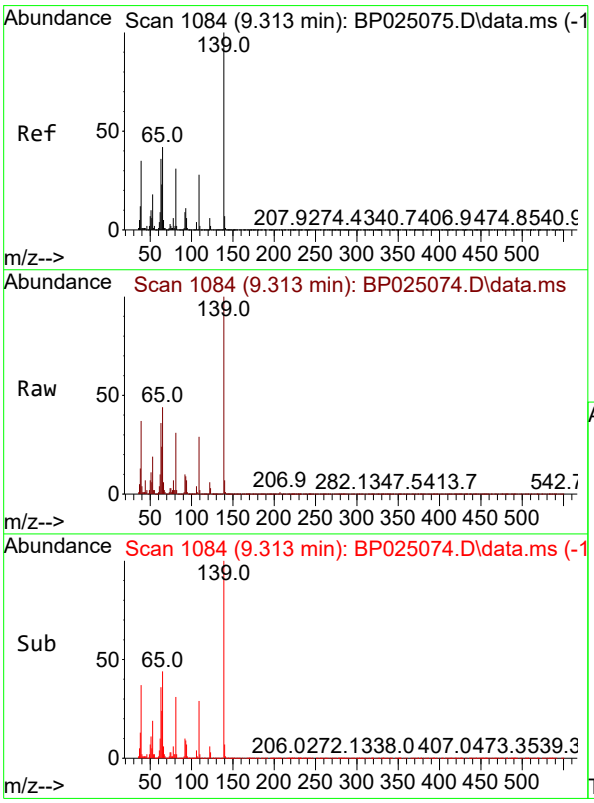
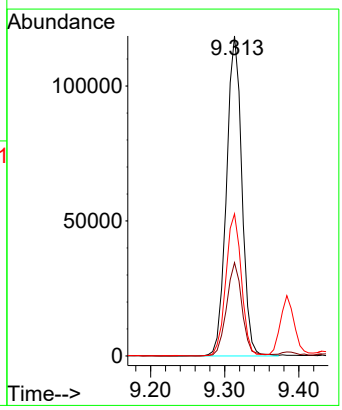
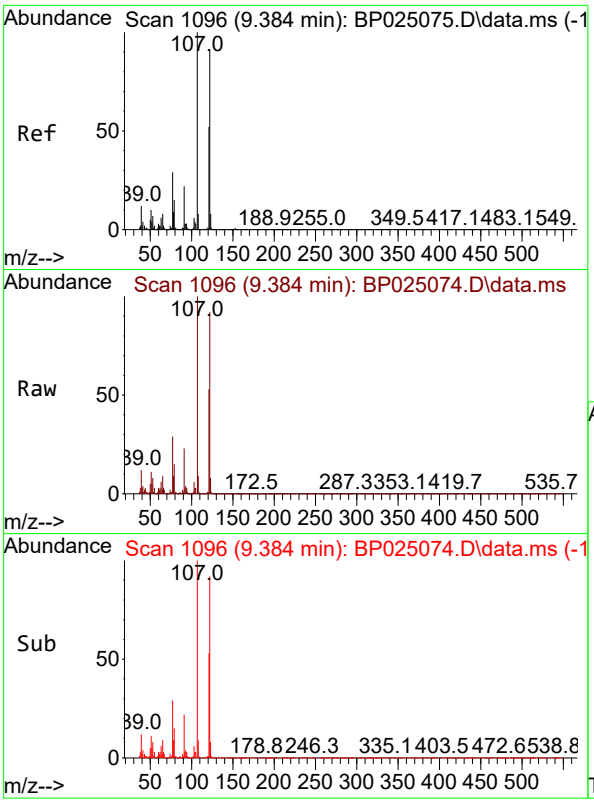


#26
2-Nitrophenol
Concen: 17.980 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 171063

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.3	33.5
65	44.4	33.8	50.8

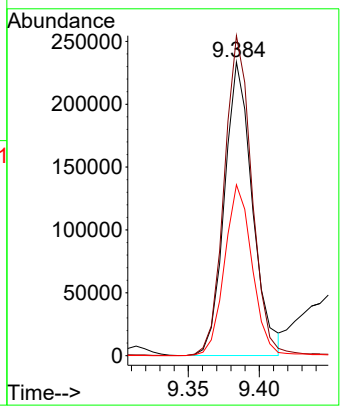




#27
2,4-Dimethylphenol
Concen: 20.834 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 31887

Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.2	132.2
121	58.2	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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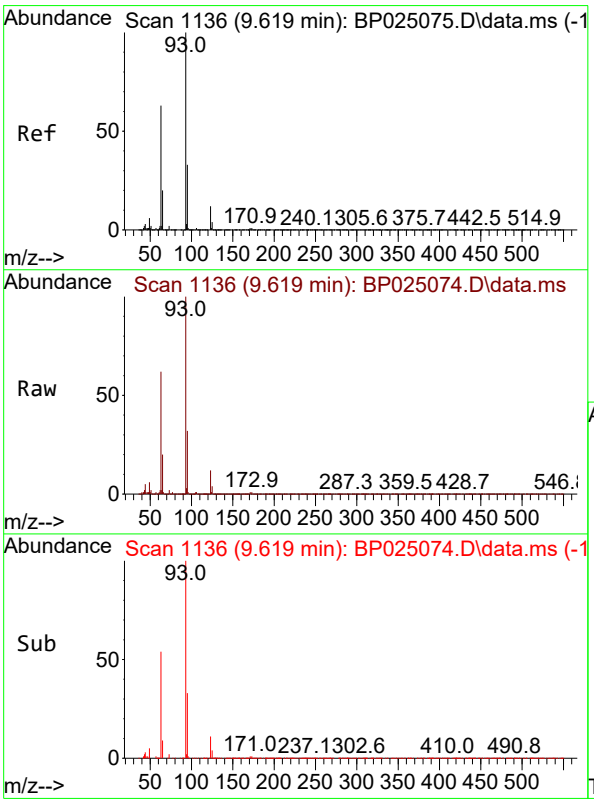
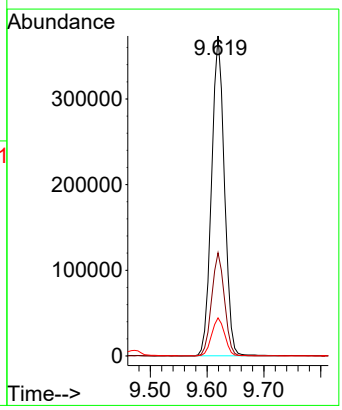
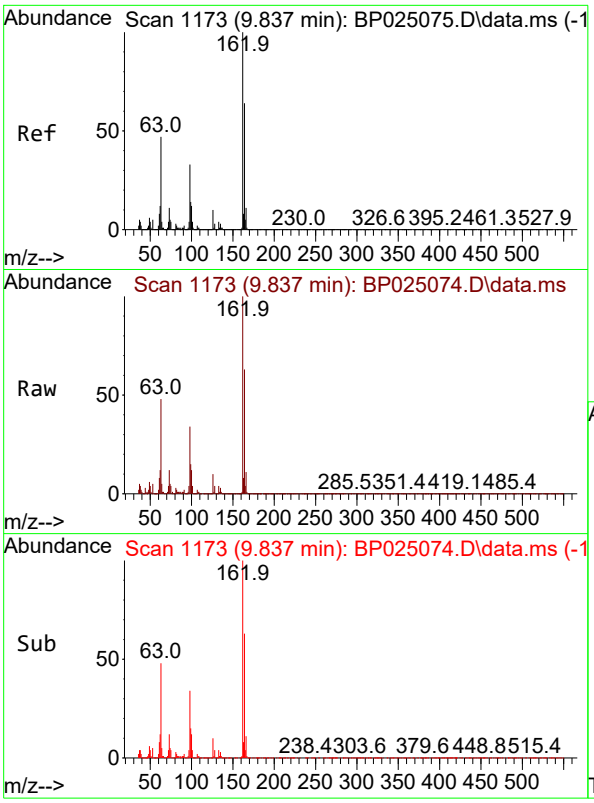


#28
bis(2-Chloroethoxy)methane
Concen: 21.009 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 585299

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 20.519 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:162 Resp: 43547

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	33.7	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
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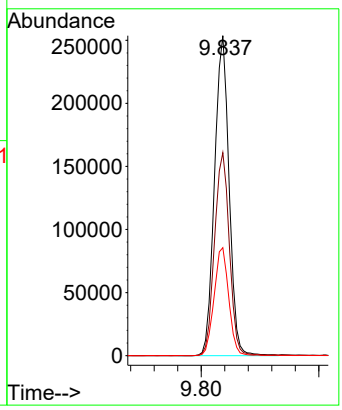
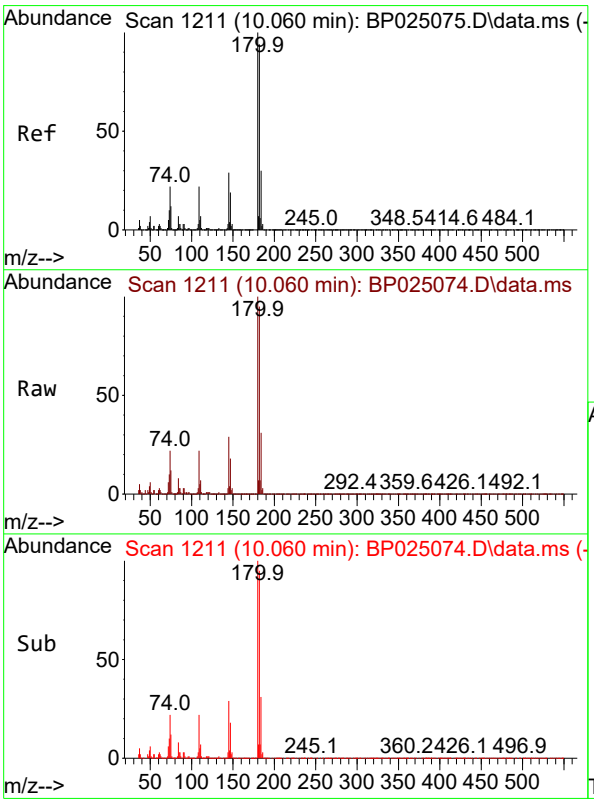
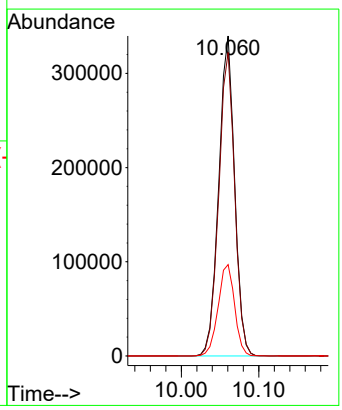


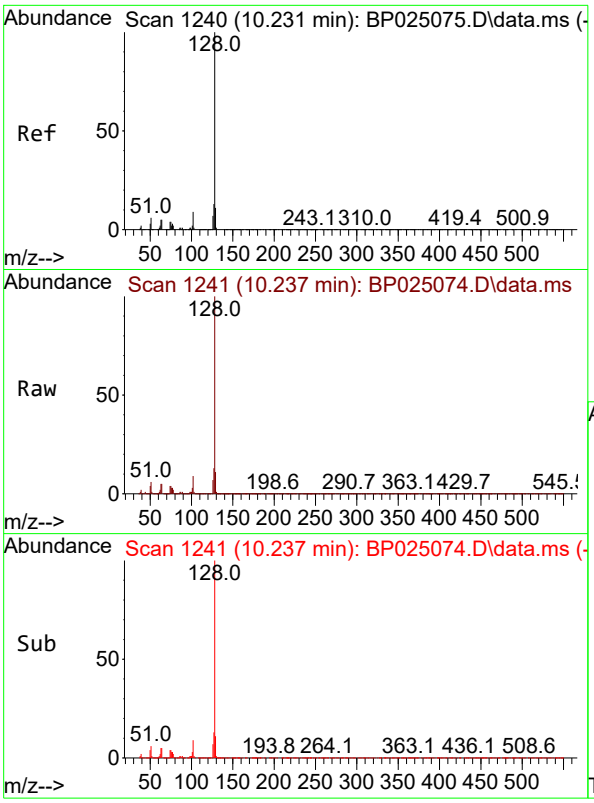


#30
1,2,4-Trichlorobenzene
Concen: 20.592 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:180 Resp: 483959

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	28.5	23.3	34.9

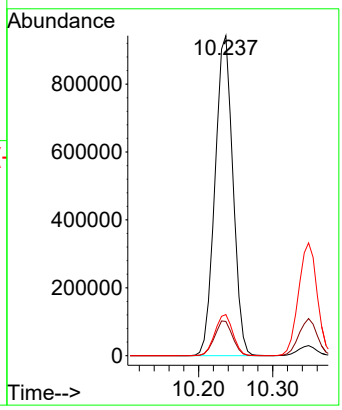




#31
Naphthalene
Concen: 20.993 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 157837

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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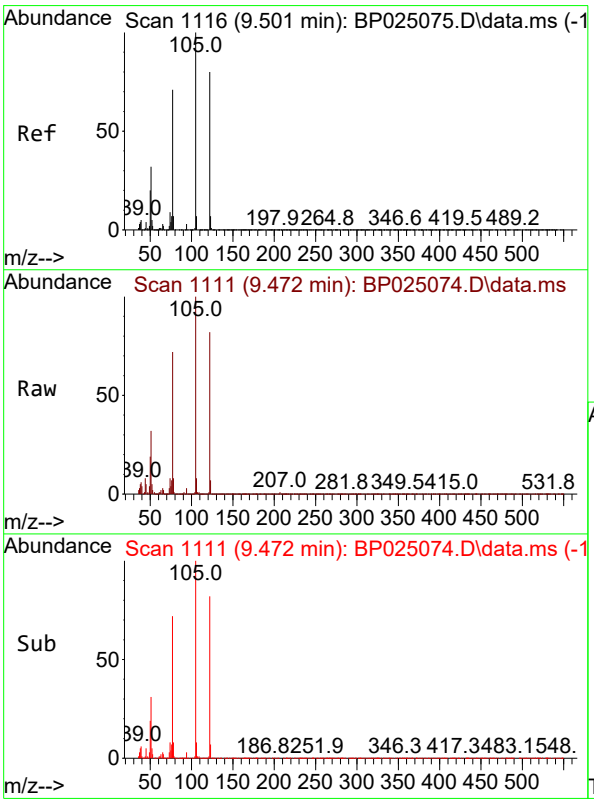
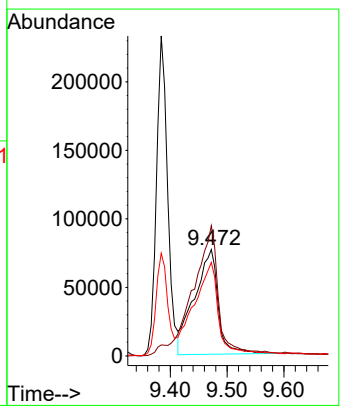
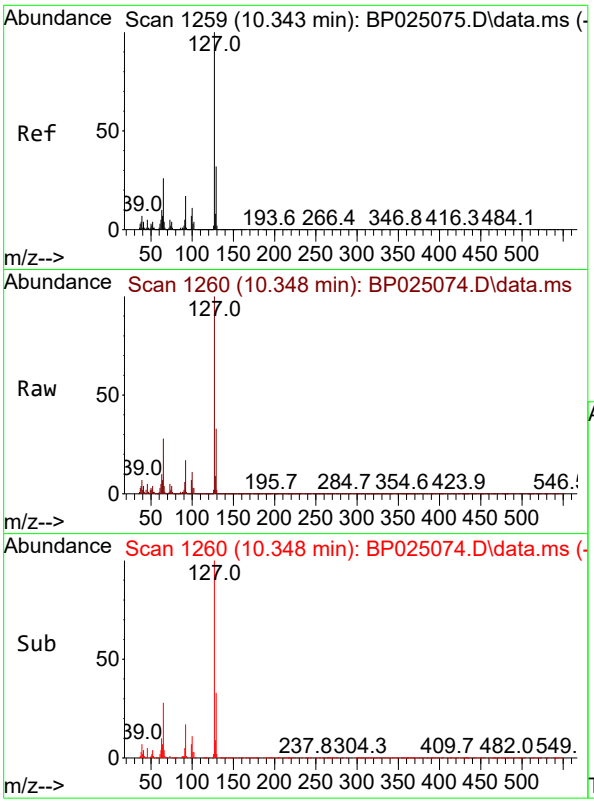


#32
Benzoic acid
Concen: 18.881 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 222091

Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.0	141.0
77	87.8	67.6	107.6

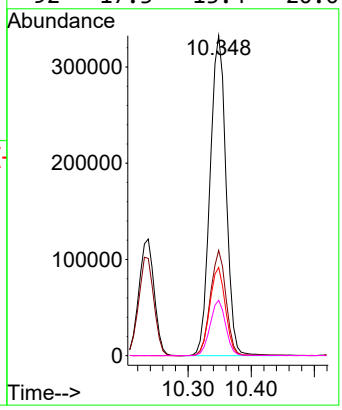




#33
4-Chloroaniline
Concen: 20.779 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:127 Resp: 58302

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	27.6	21.0	31.6
92	17.3	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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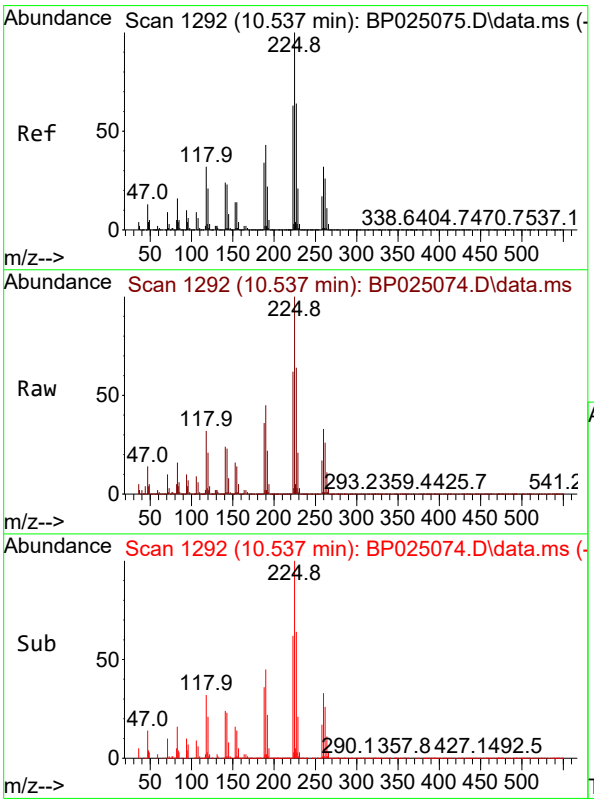
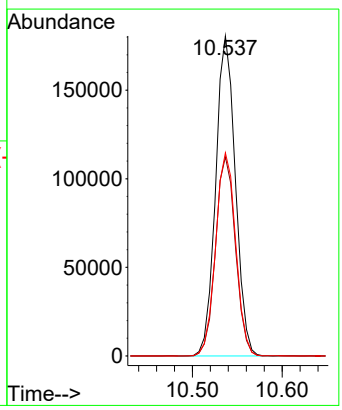
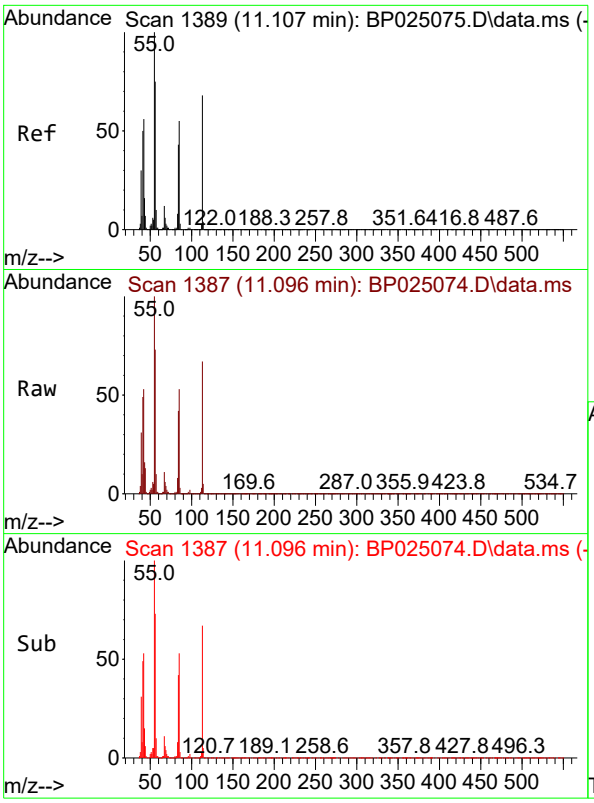


#34
Hexachlorobutadiene
Concen: 20.394 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:225 Resp: 275058

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.5	51.3	76.9

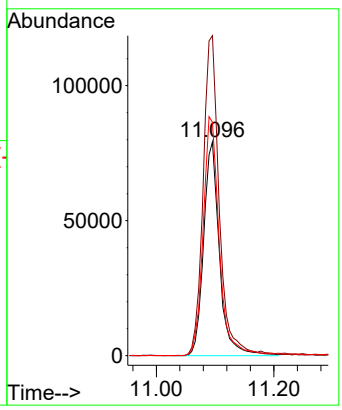




#35
Caprolactam
Concen: 20.394 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:113 Resp: 14806

Ion	Ratio	Lower	Upper
113	100		
55	149.7	128.1	168.1
56	109.2	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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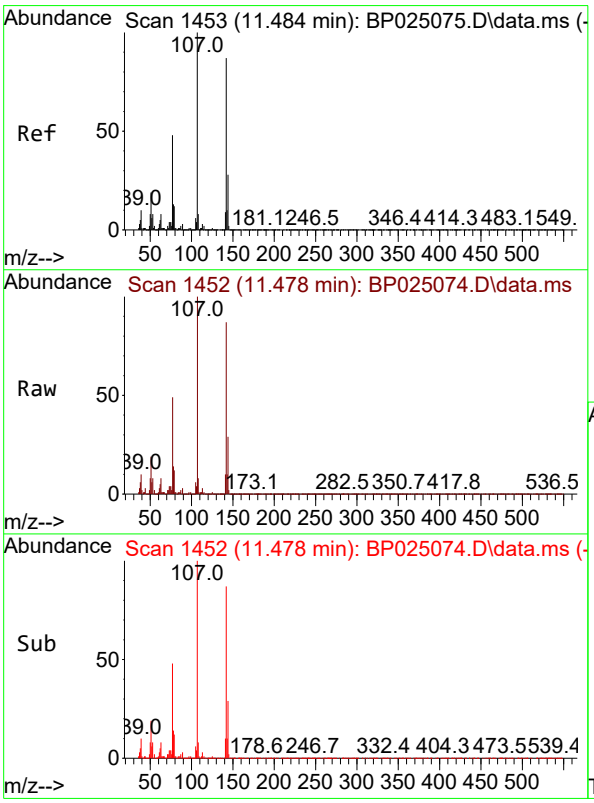
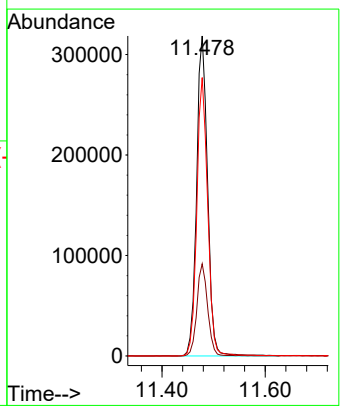
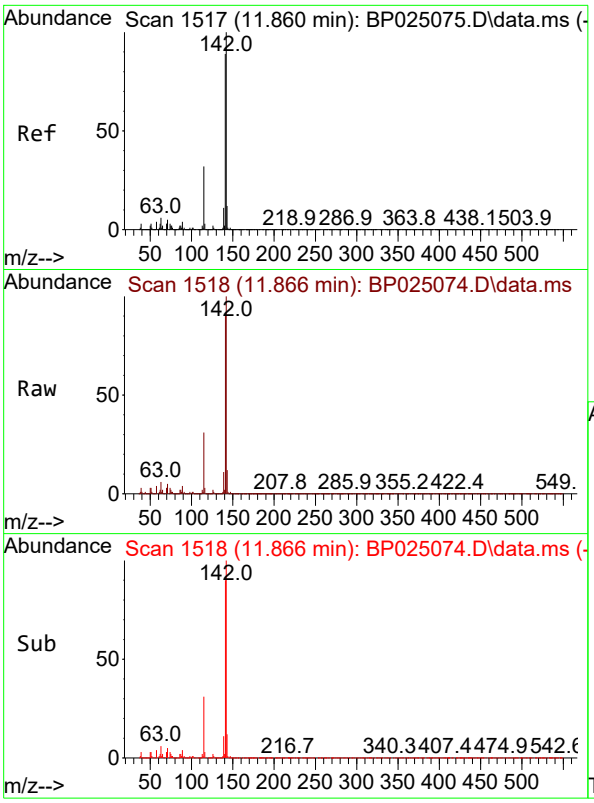


#36
4-Chloro-3-methylphenol
Concen: 21.146 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 468989

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.4	33.6
142	87.0	69.6	104.4

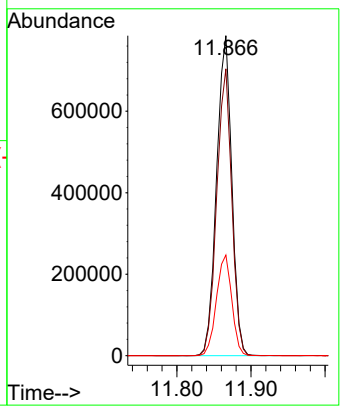




#37
2-Methylnaphthalene
Concen: 21.075 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 111802

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	31.5	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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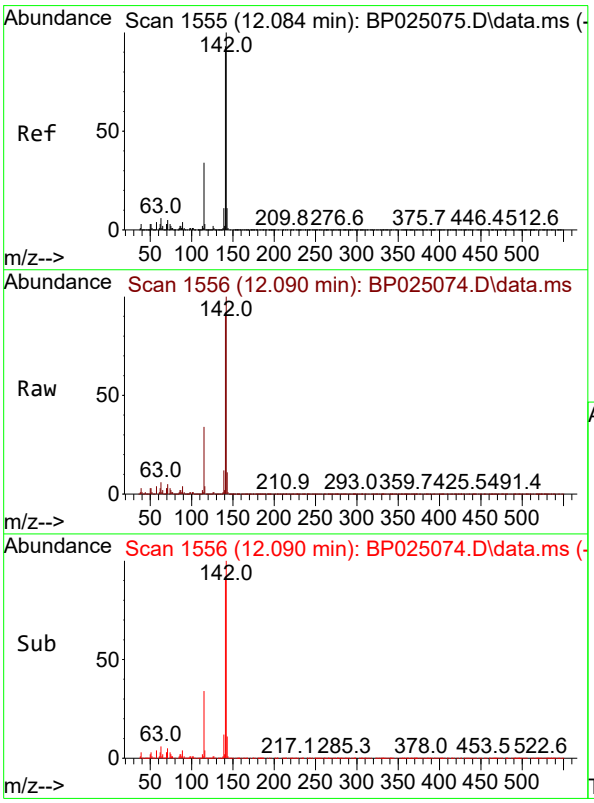
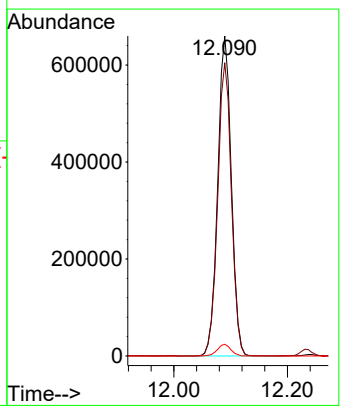
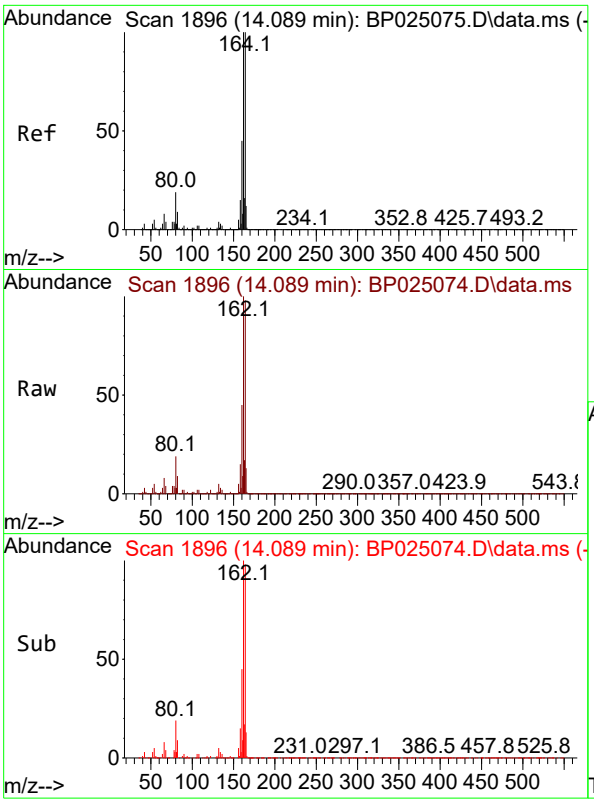


#38
1-Methylnaphthalene
Concen: 21.243 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 1099060

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.1	111.1
116	3.6	2.7	4.1

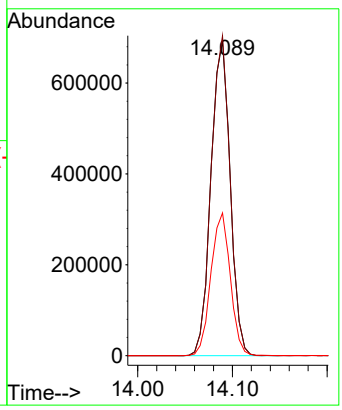




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:164 Resp: 97597

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.4	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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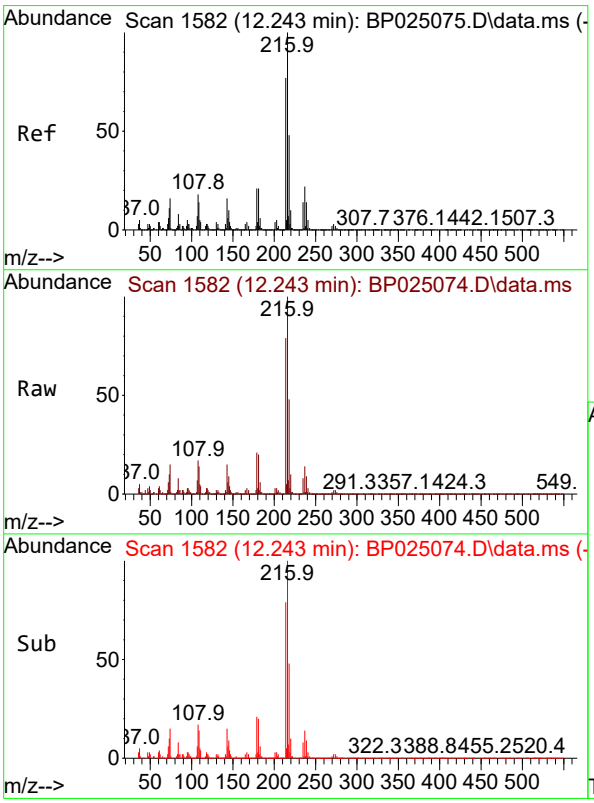
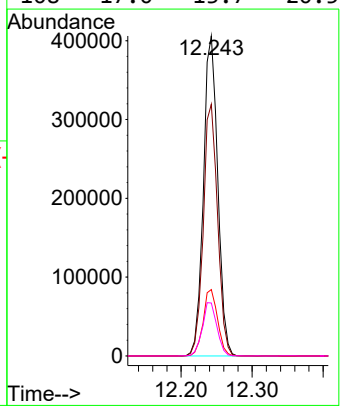
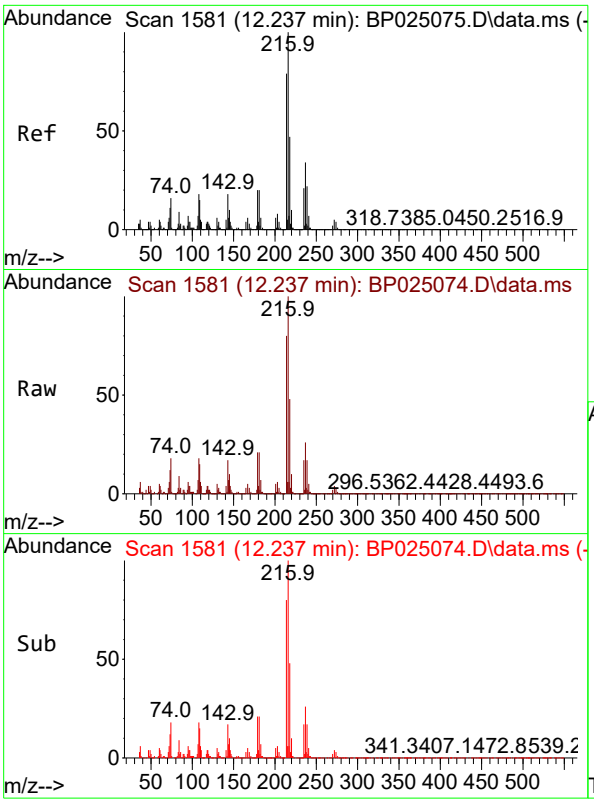


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.326 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:216 Resp: 570143

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.9	16.5	24.7
108	17.0	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 17.986 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 13177

Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.6	81.6
272	14.0	0.0	33.6

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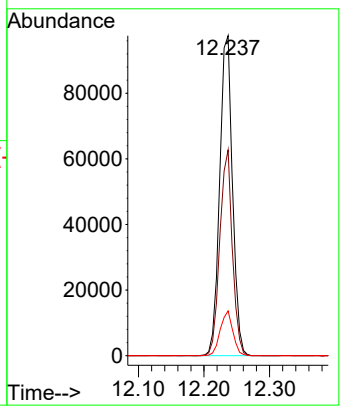
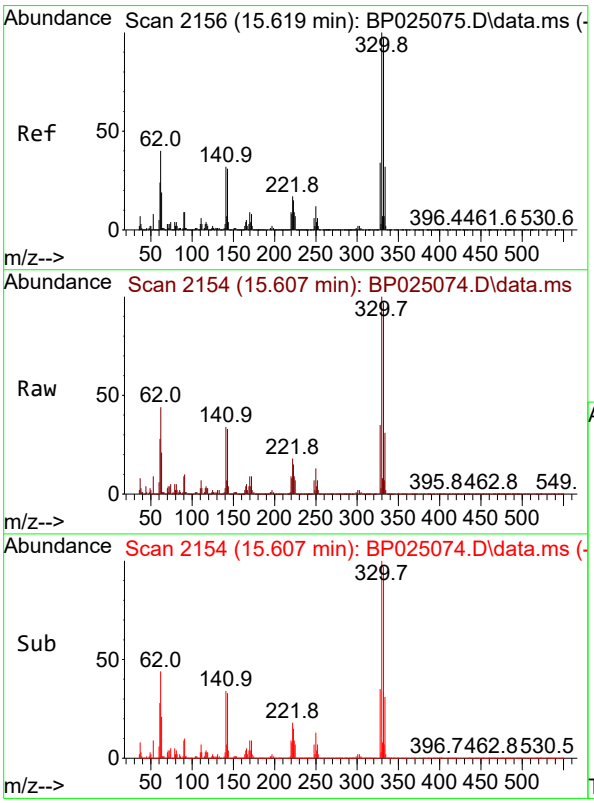
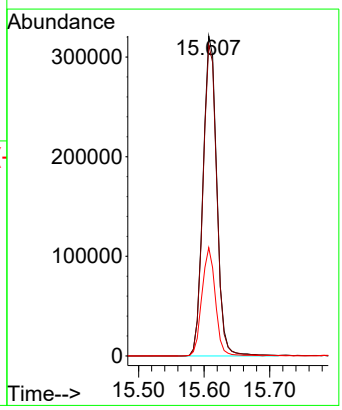


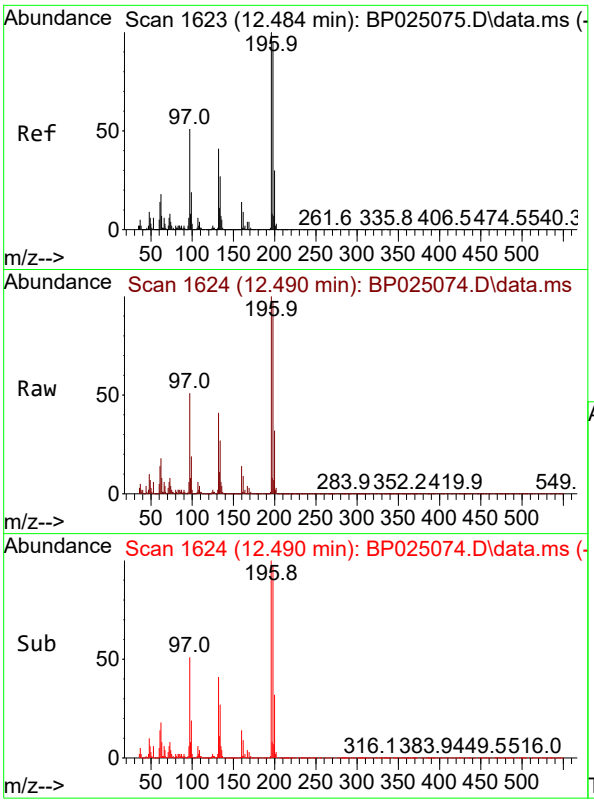


#42
2,4,6-Tribromophenol
Concen: 40.634 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:330 Resp: 468488

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	33.2	26.0	39.0

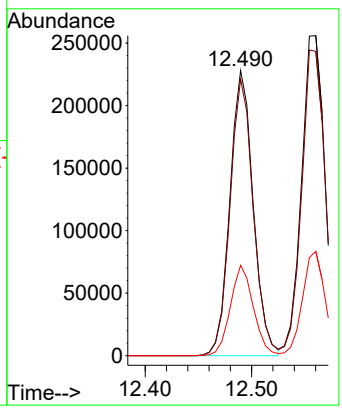




#43
2,4,6-Trichlorophenol
Concen: 20.418 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 34679

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.2
200	31.7	24.3	36.5



Instrument :
BNA_P
ClientSampleId :
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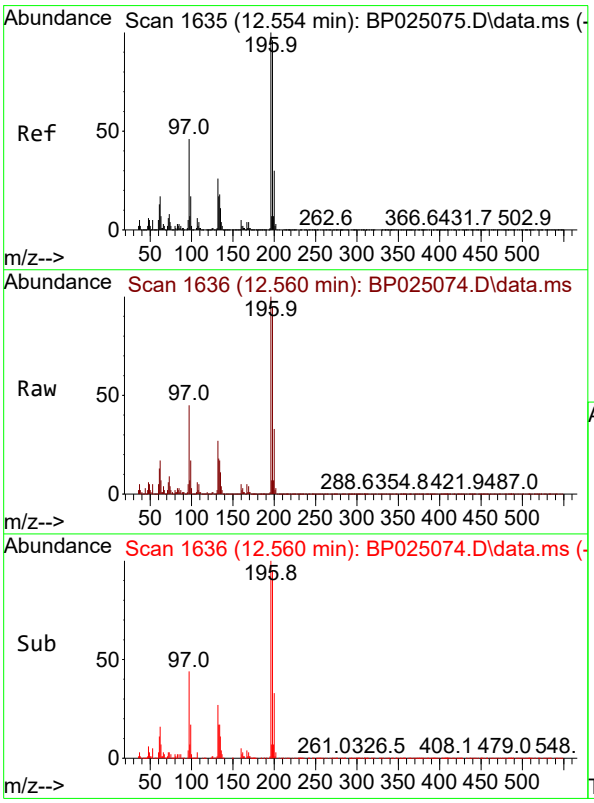
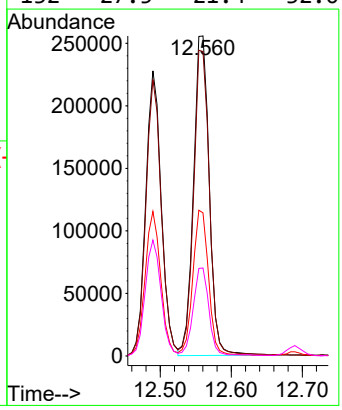
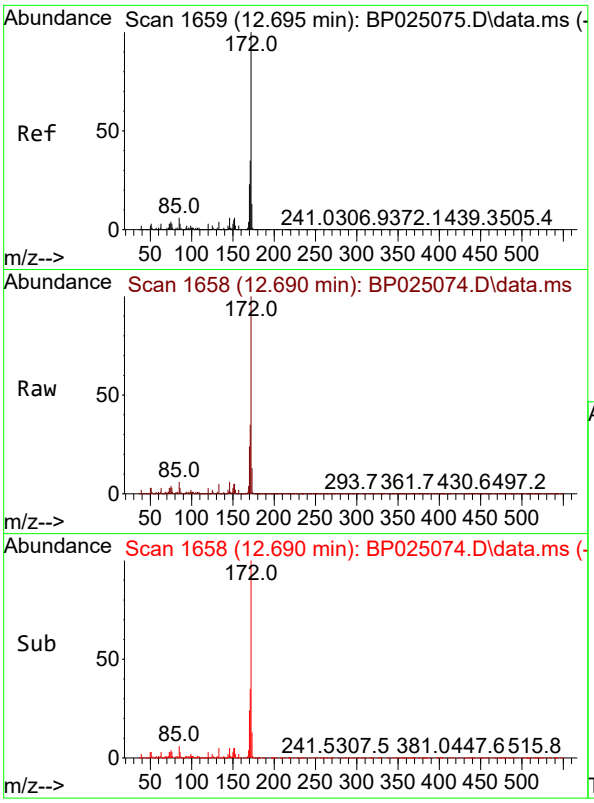


#44
2,4,5-Trichlorophenol
Concen: 20.566 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 395864

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
97	44.7	36.6	55.0
132	27.5	21.4	32.0

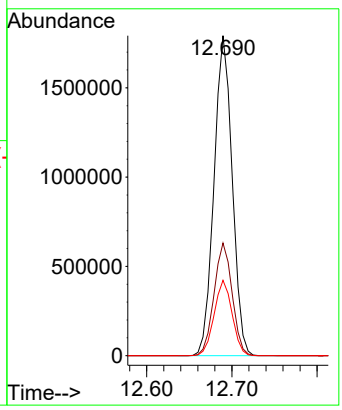




#45
2-Fluorobiphenyl
Concen: 42.179 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:172 Resp: 265728

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.7	28.1



Instrument :
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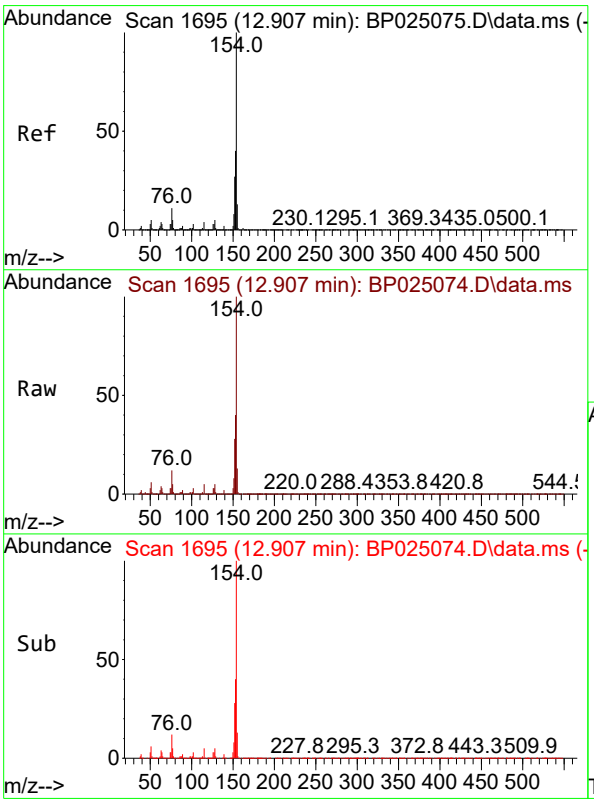
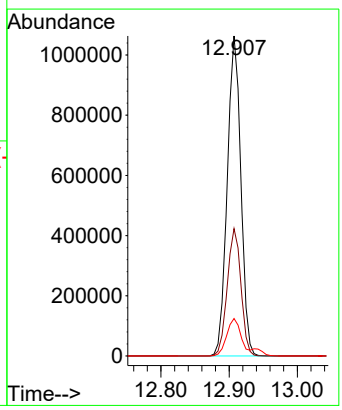
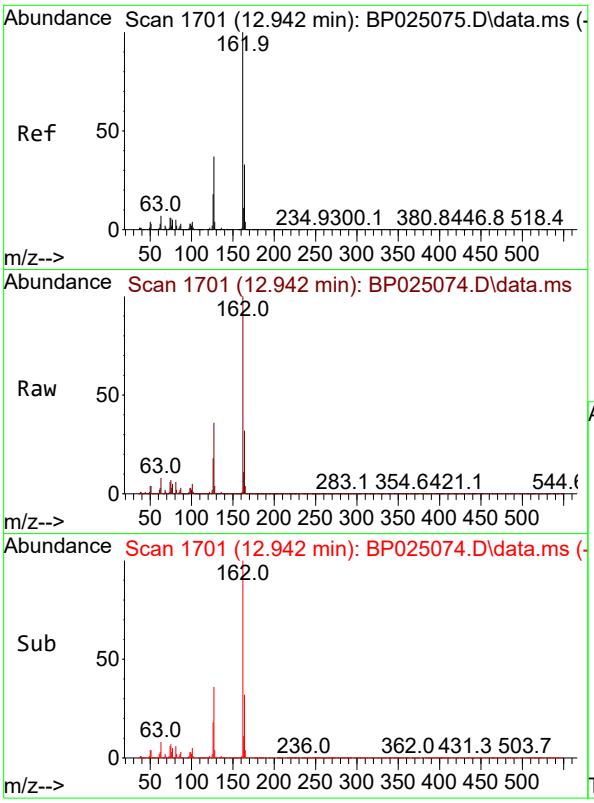


#46
1,1'-Biphenyl
Concen: 20.751 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1473578

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	11.7	0.0	31.5

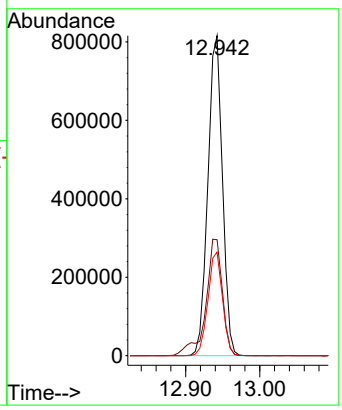




#47
2-Chloronaphthalene
Concen: 20.865 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:162 Resp: 111359

Ion	Ratio	Lower	Upper
162	100		
127	36.2	29.4	44.2
164	32.4	26.4	39.6



Instrument :
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ClientSampleId :
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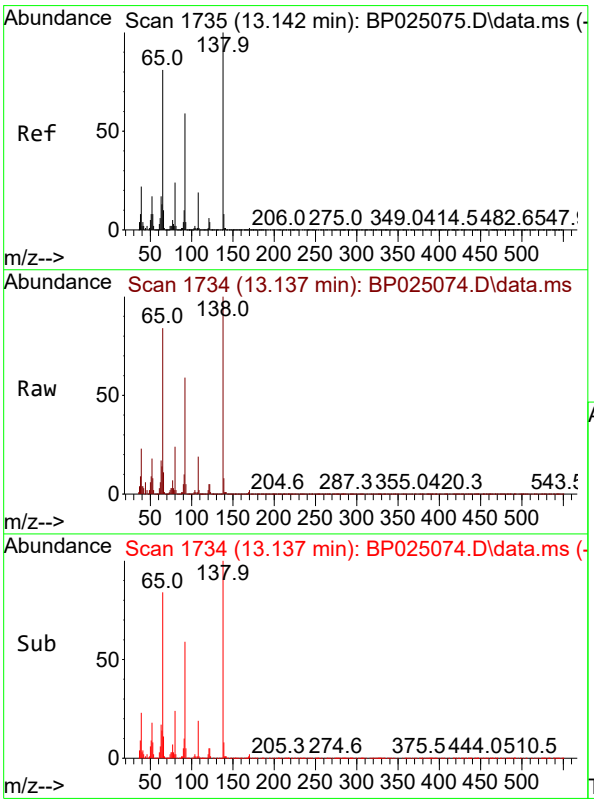
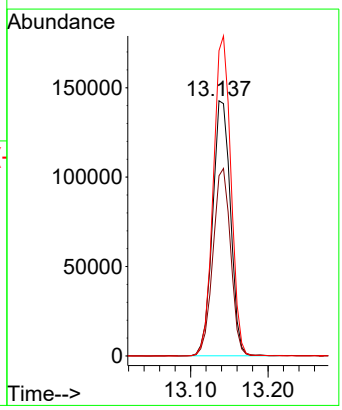
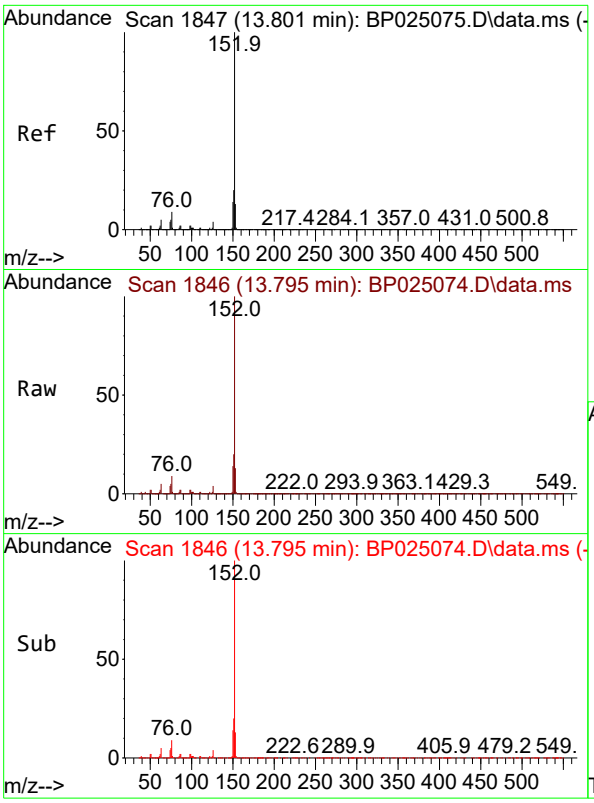


#48
2-Nitroaniline
Concen: 19.268 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 65 Resp: 228962

Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.7	88.1
138	119.6	99.0	148.4

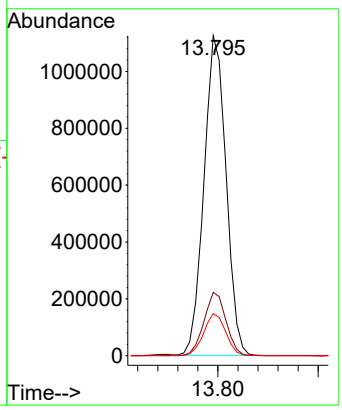




#49
Acenaphthylene
Concen: 21.159 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:152 Resp: 172841

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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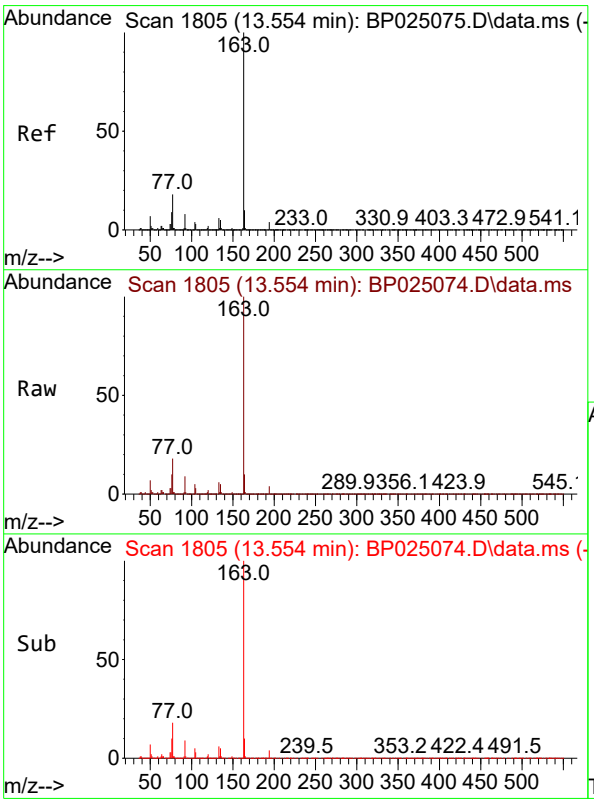
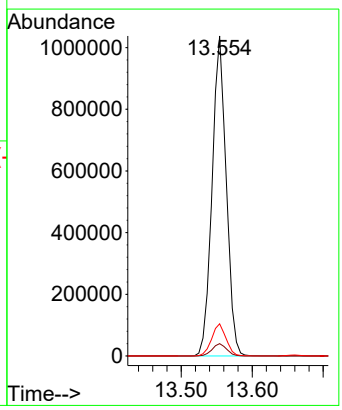
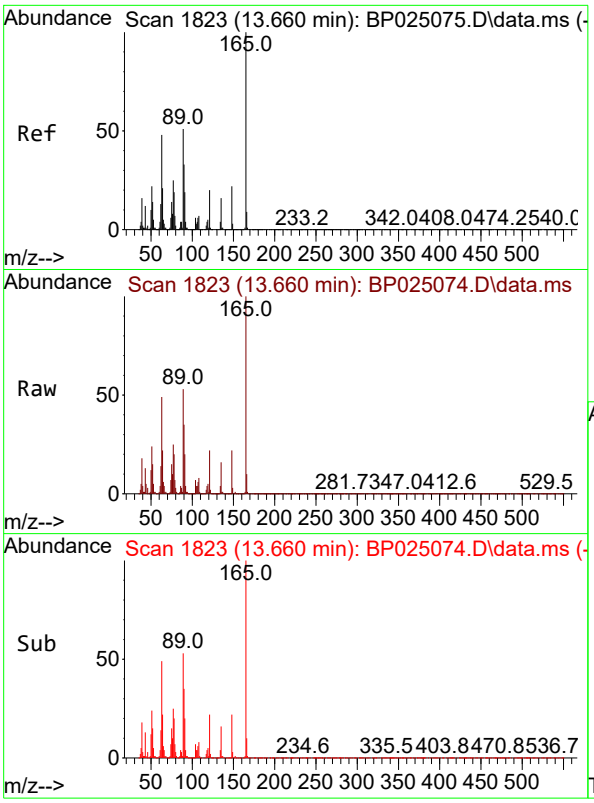


#50
Dimethylphthalate
Concen: 20.991 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:163 Resp: 1434045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 20.592 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:165 Resp: 27437

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.5	57.7
89	53.1	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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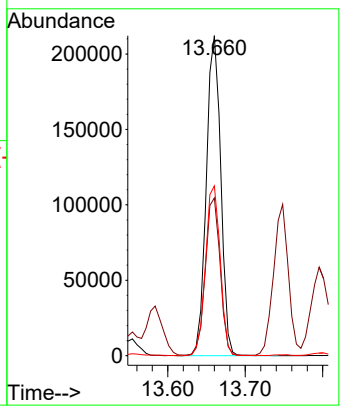
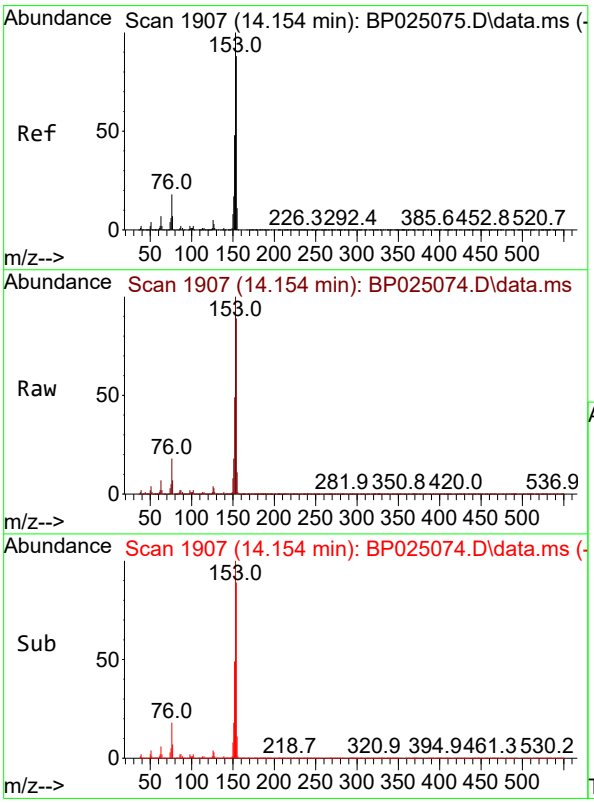
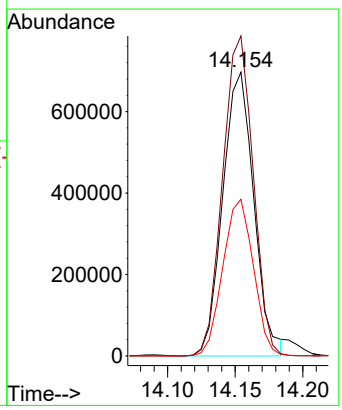


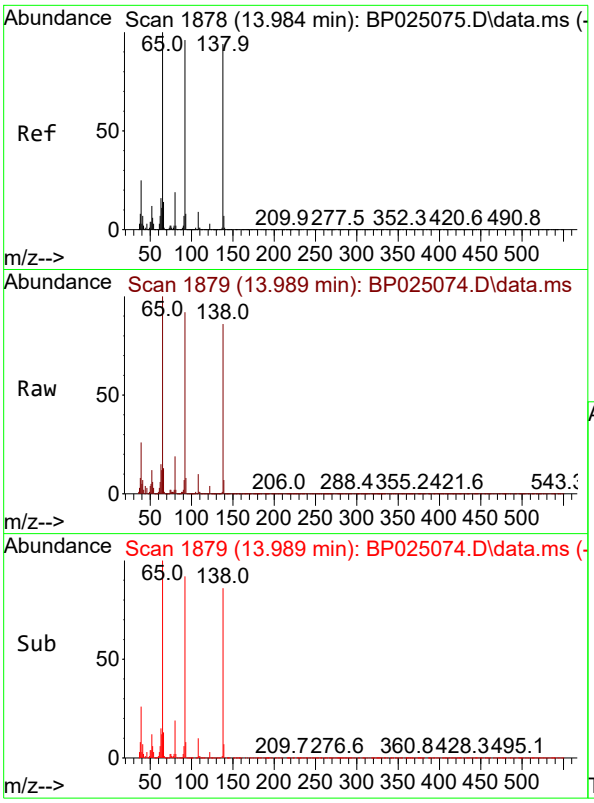


#52
Acenaphthene
Concen: 21.170 ng m
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1114579

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	55.2	43.8	65.8

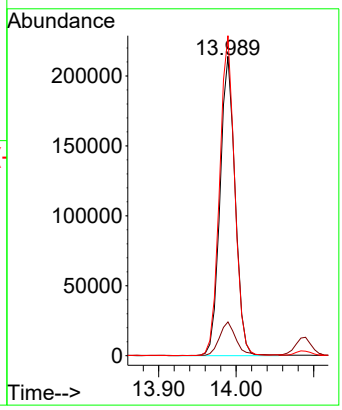




#53
3-Nitroaniline
Concen: 20.320 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 29016

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.8
92	106.9	81.0	121.4



Instrument :
BNA_P
ClientSampleId :
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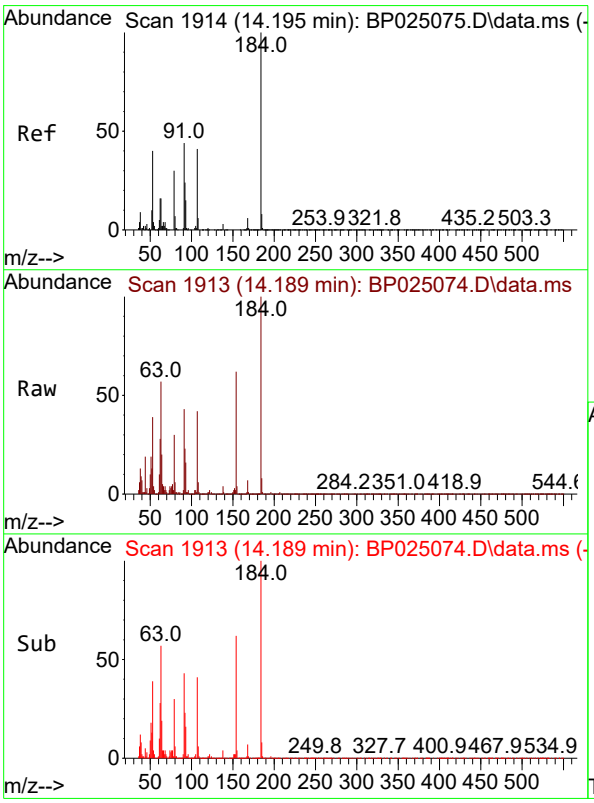
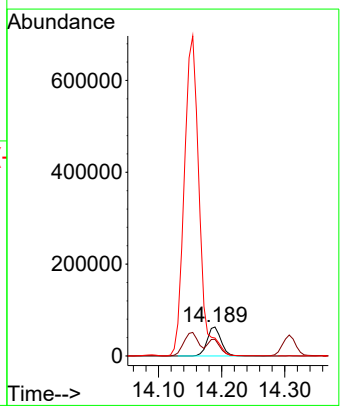
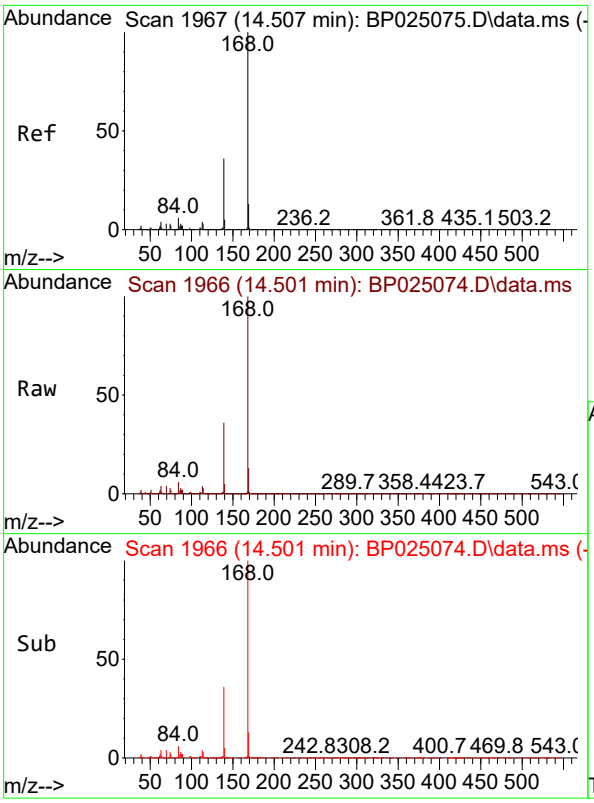


#54
2,4-Dinitrophenol
Concen: 19.115 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 95858

Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.4	71.0
154	61.9	47.8	71.8

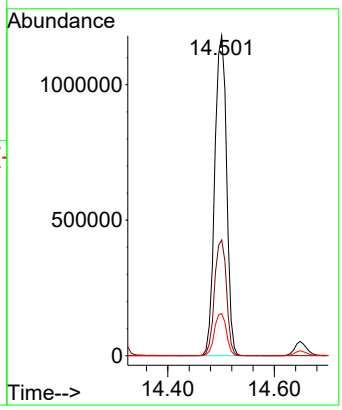




#55
Dibenzofuran
Concen: 20.961 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:168 Resp: 182129

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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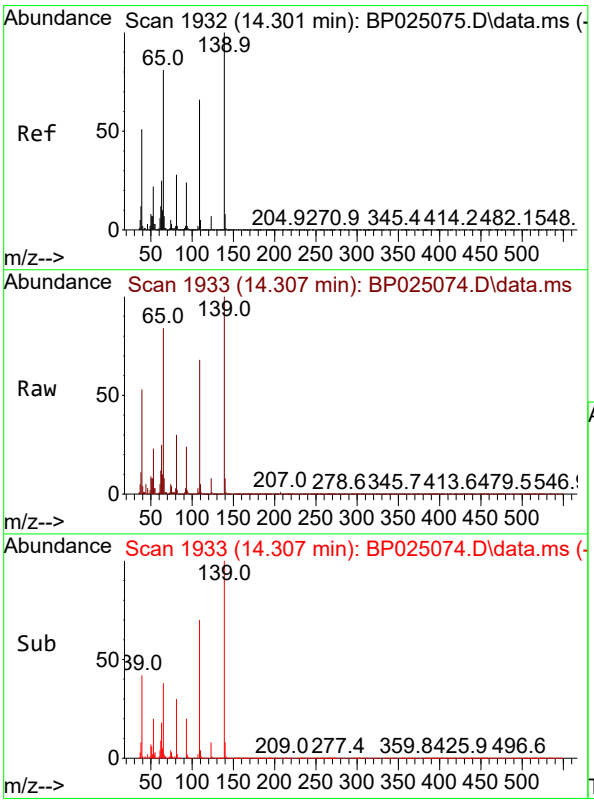
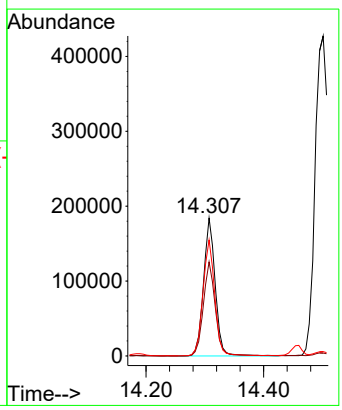
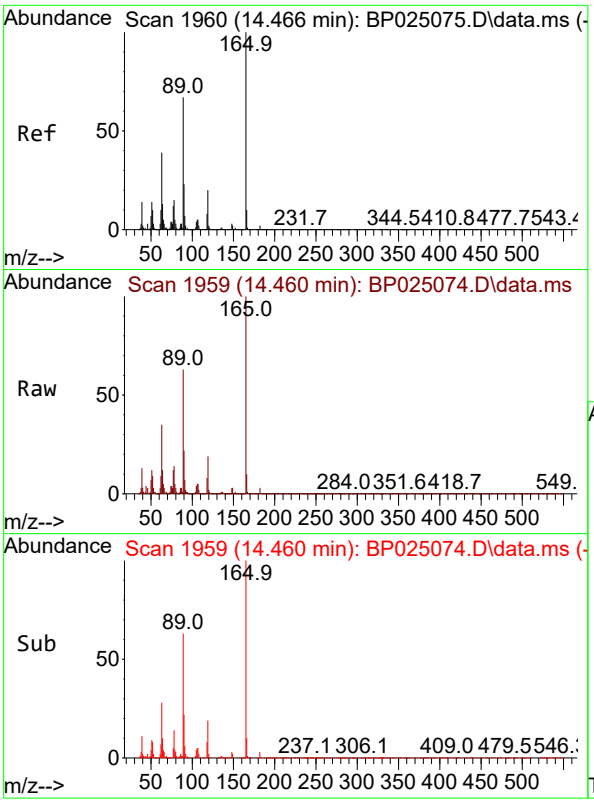


#56
4-Nitrophenol
Concen: 19.230 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 253402

Ion	Ratio	Lower	Upper
139	100		
109	68.2	45.9	85.9
65	84.0	61.4	101.4

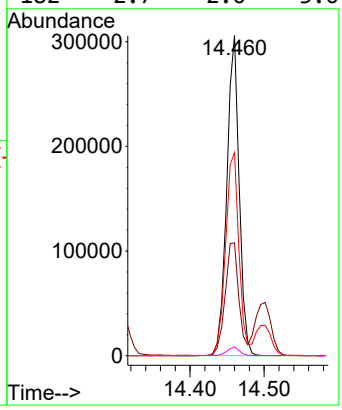




#57
2,4-Dinitrotoluene
Concen: 19.783 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:165 Resp: 35478

Ion	Ratio	Lower	Upper
165	100		
63	35.3	31.0	46.4
89	63.5	53.4	80.0
182	2.7	2.0	3.0



Instrument :
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ClientSampleId :
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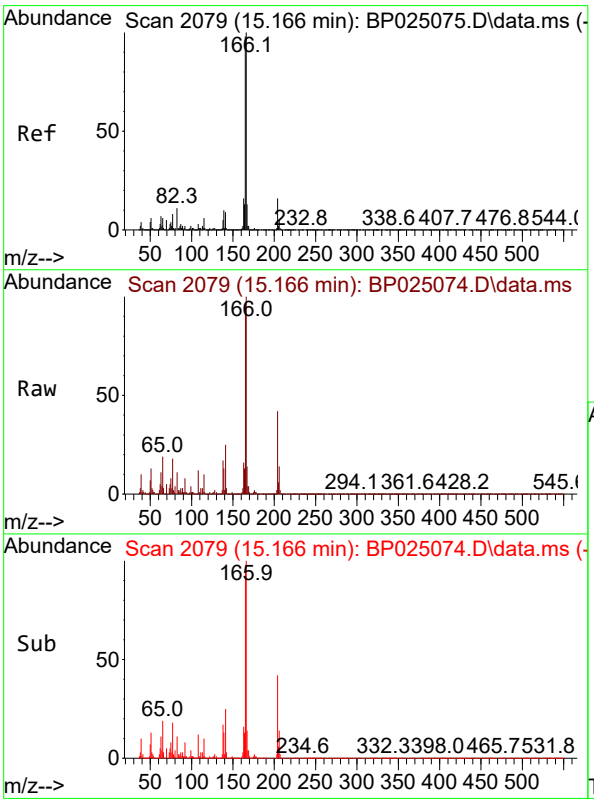
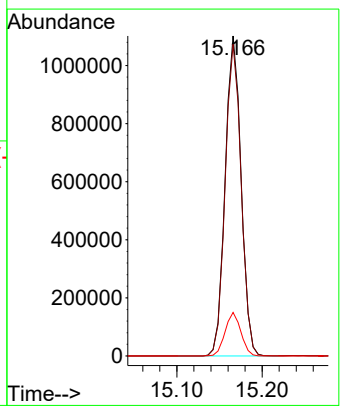
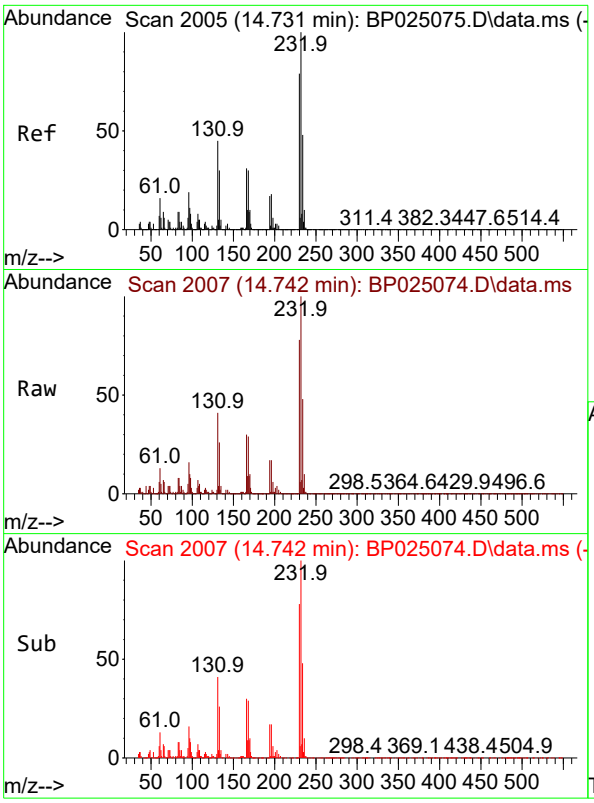


#58
Fluorene
Concen: 21.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:166 Resp: 1431605

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.6	10.7	16.1

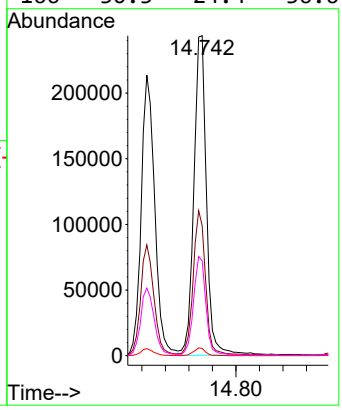




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.726 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:232 Resp: 36125

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.3	1.8	2.6
166	30.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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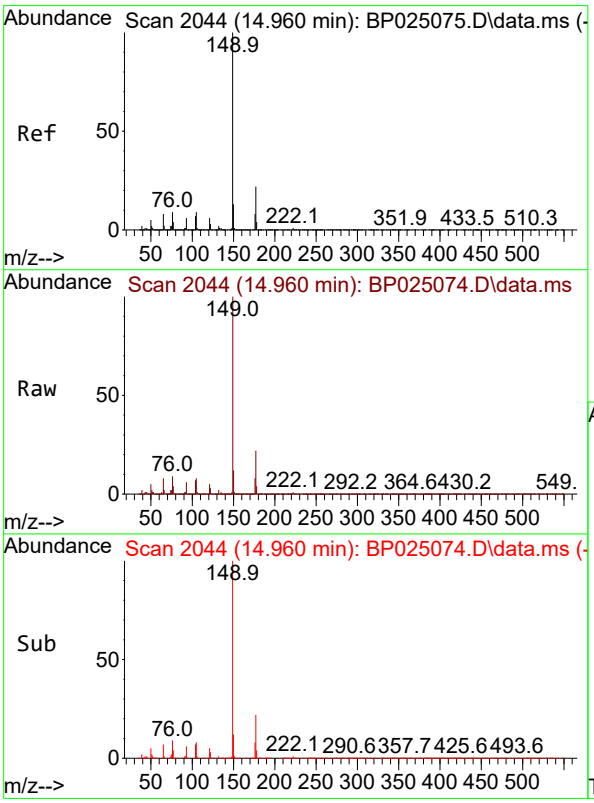
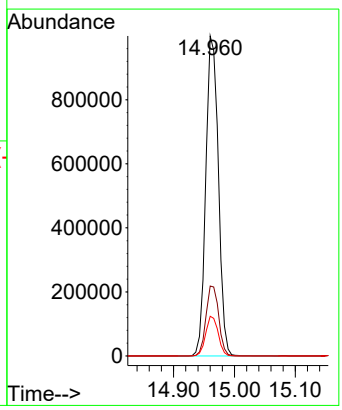
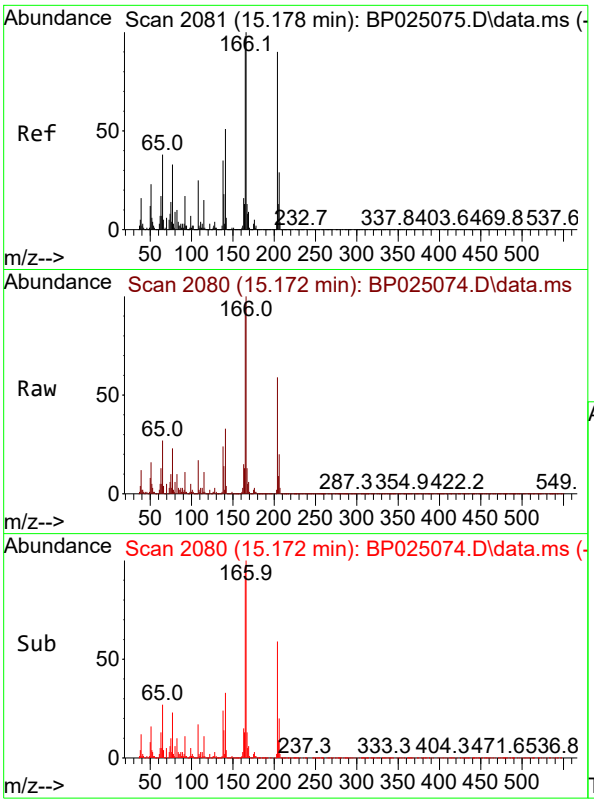


#60
Diethylphthalate
Concen: 20.887 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1433207

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.4	10.2	15.2

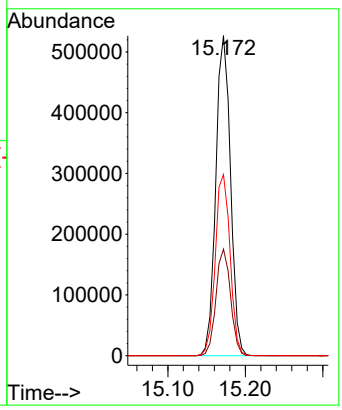




#61
4-Chlorophenyl-phenylether
Concen: 20.828 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:204 Resp: 69272

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.6	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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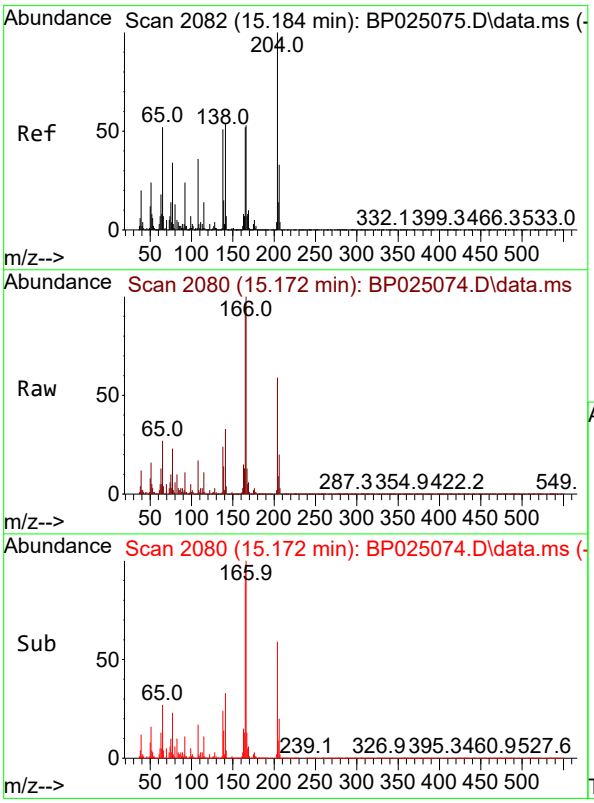
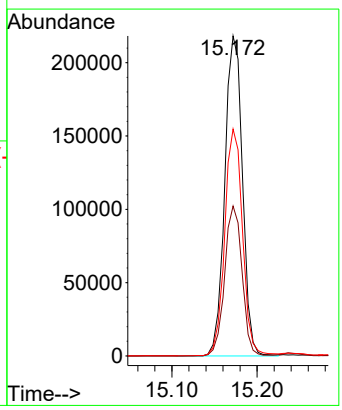
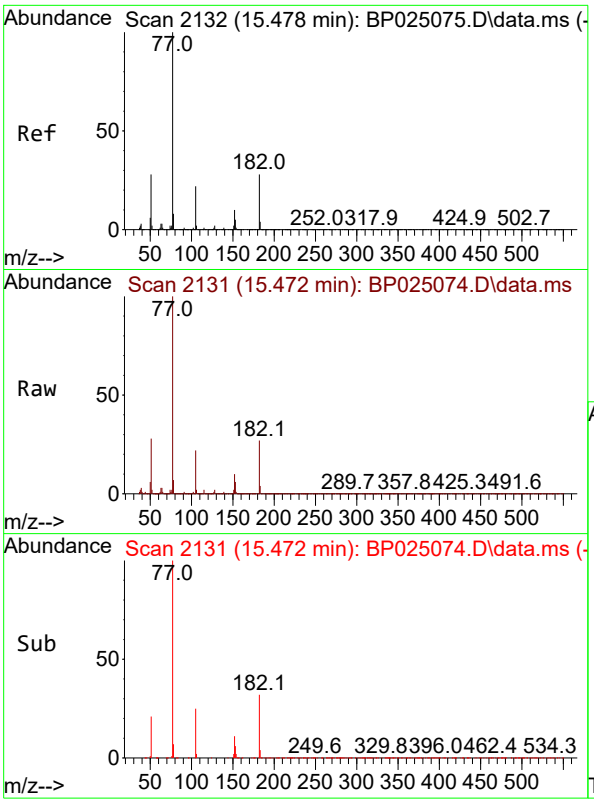


#62
4-Nitroaniline
Concen: 20.933 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 313433

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.9	50.0	90.0

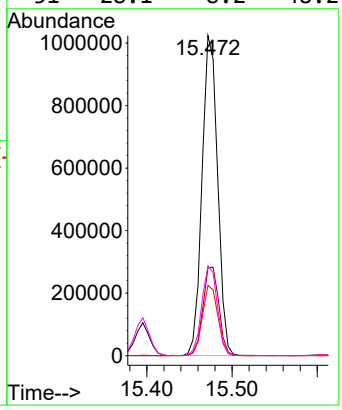




#63
Azobenzene
Concen: 21.209 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 129593

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.7	47.7
105	21.9	1.9	41.9
51	28.1	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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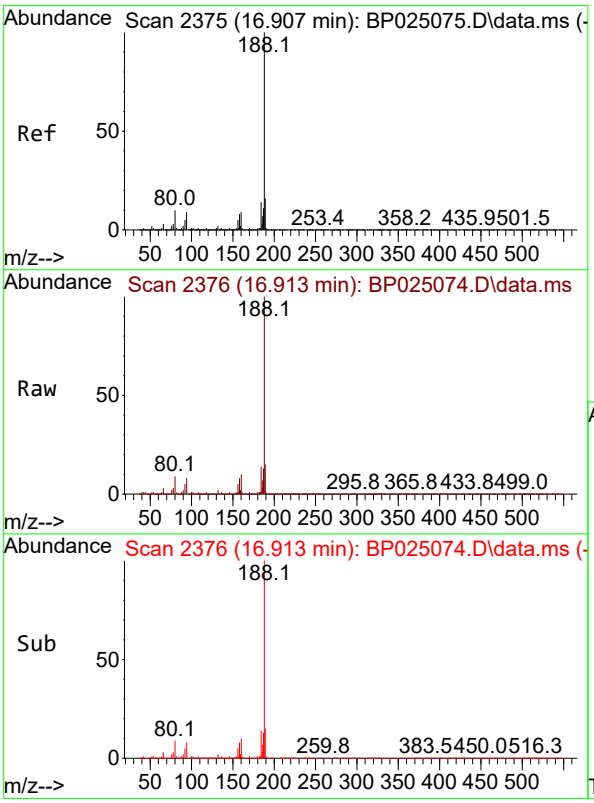
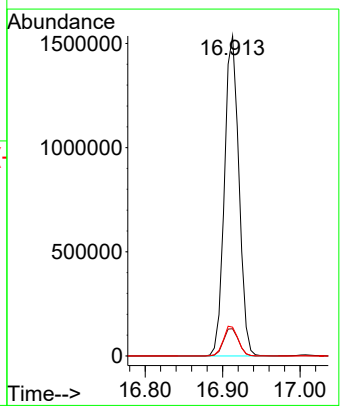
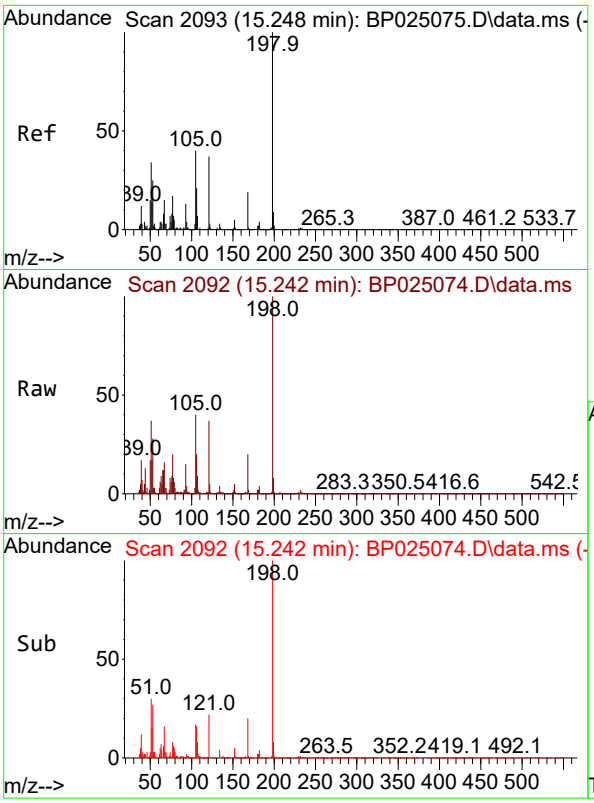


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:188 Resp: 1992018

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 19.064 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:198 Resp: 13831

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.9	20.8	60.8

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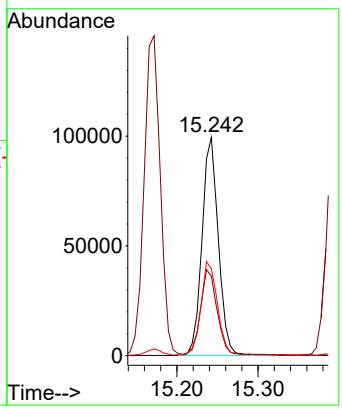
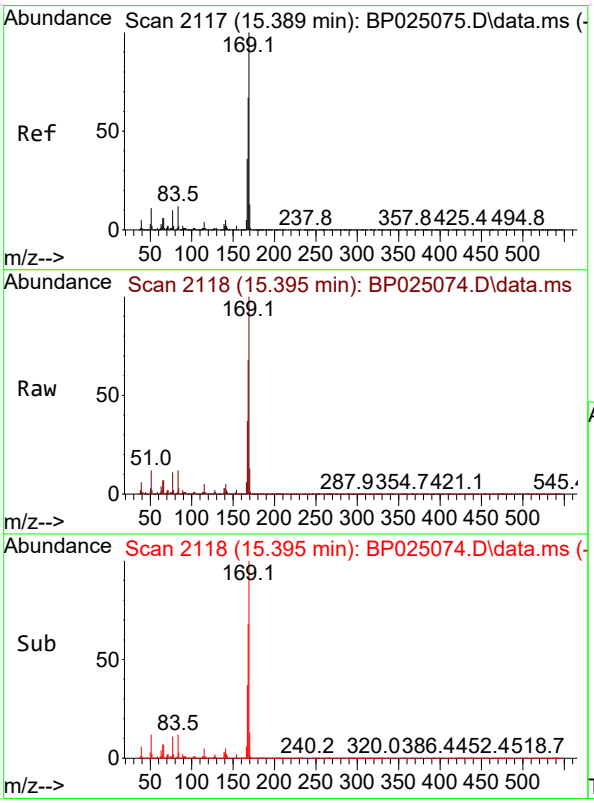
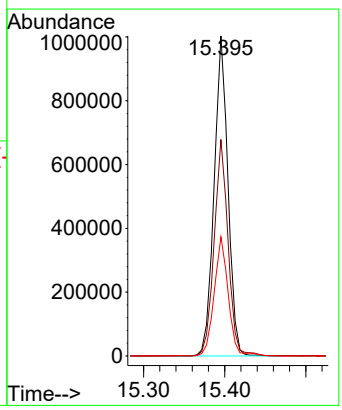


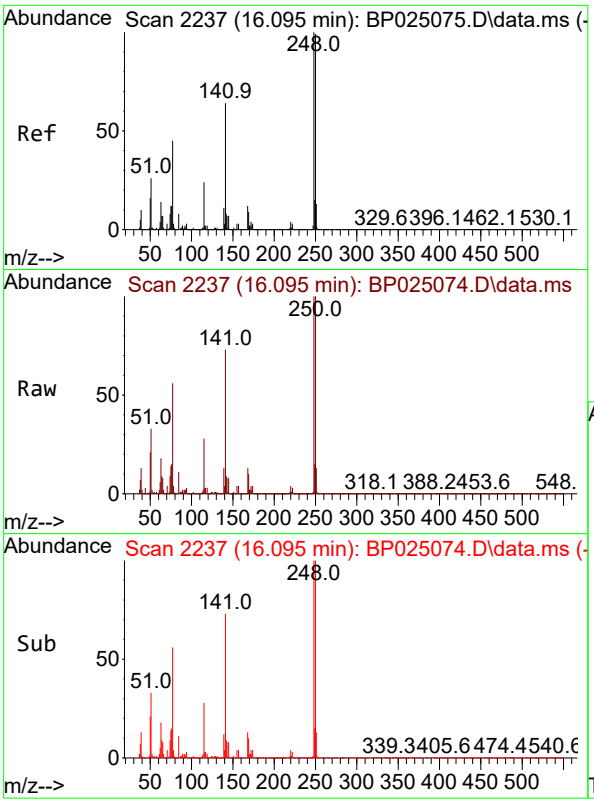


#66
n-Nitrosodiphenylamine
Concen: 20.872 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:169 Resp: 1189868

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	37.2	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 20.847 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:248 Resp: 42519

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.4	119.2
141	73.5	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
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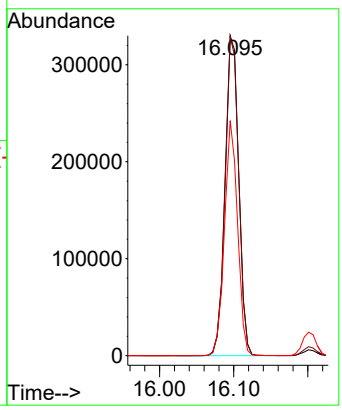
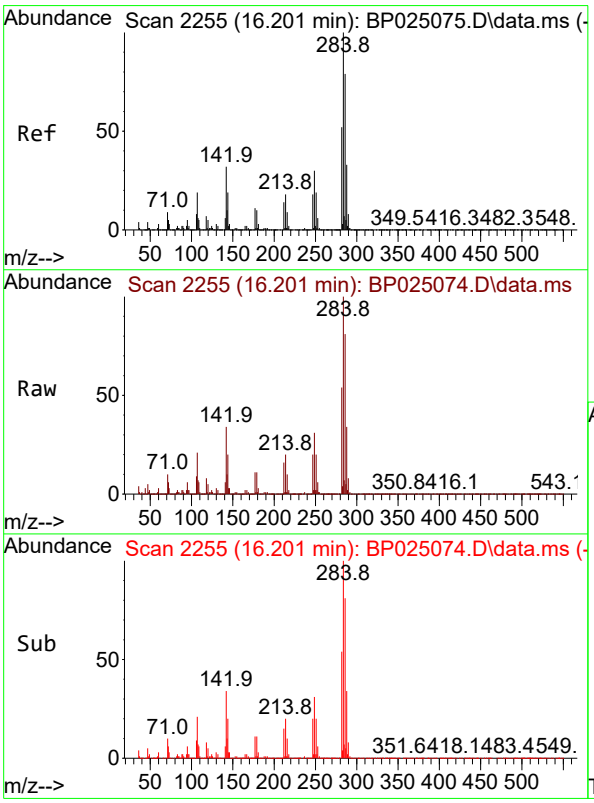
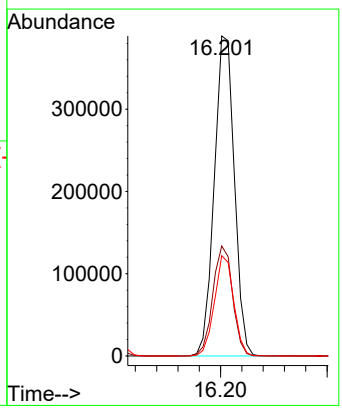


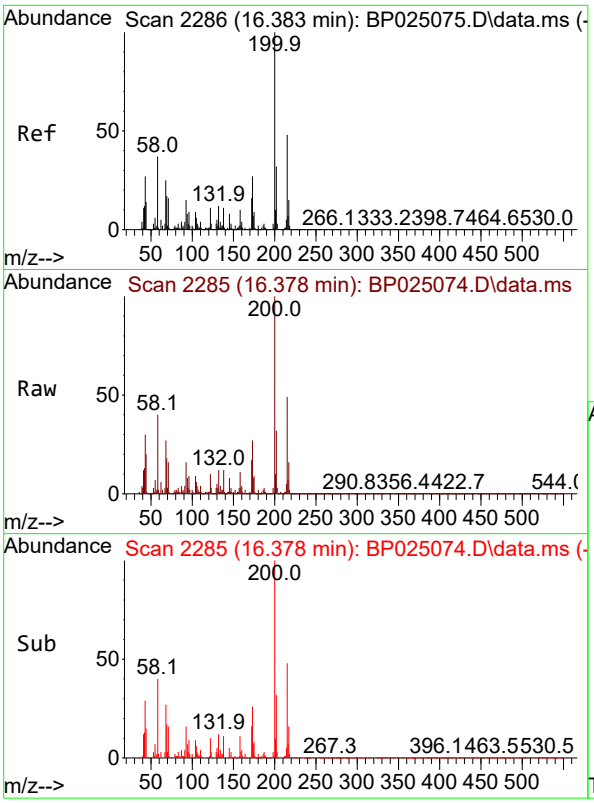


#68
Hexachlorobenzene
Concen: 20.375 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:284 Resp: 507935

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.9	38.9
249	31.4	23.8	35.8

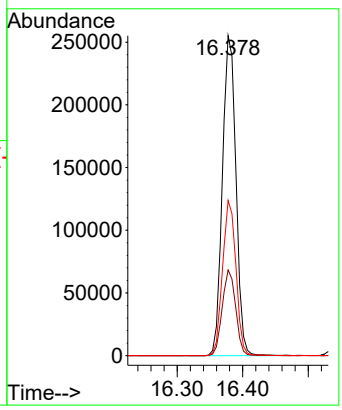




#69
Atrazine
Concen: 21.787 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:200 Resp: 36396

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.5	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
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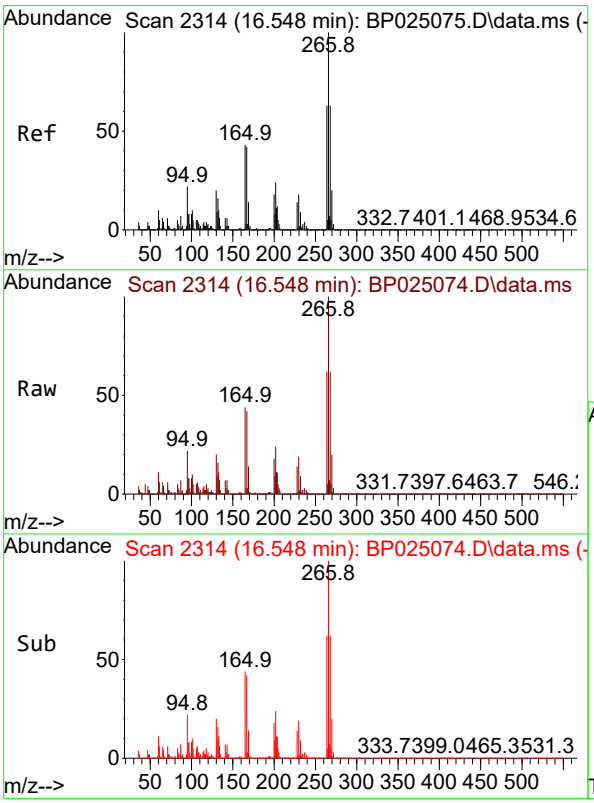
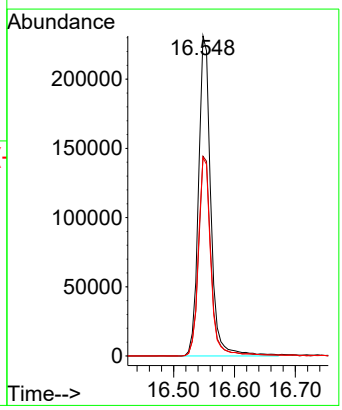
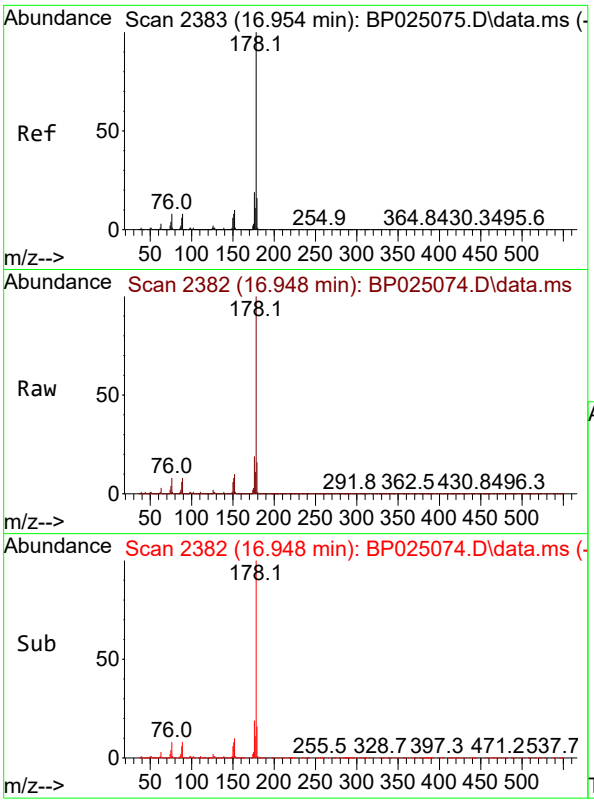


#70
Pentachlorophenol
Concen: 19.277 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:266 Resp: 324553

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.4	75.6
264	61.9	50.2	75.2

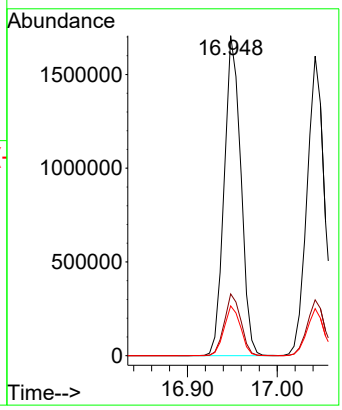




#71
Phenanthrene
Concen: 20.658 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 219884

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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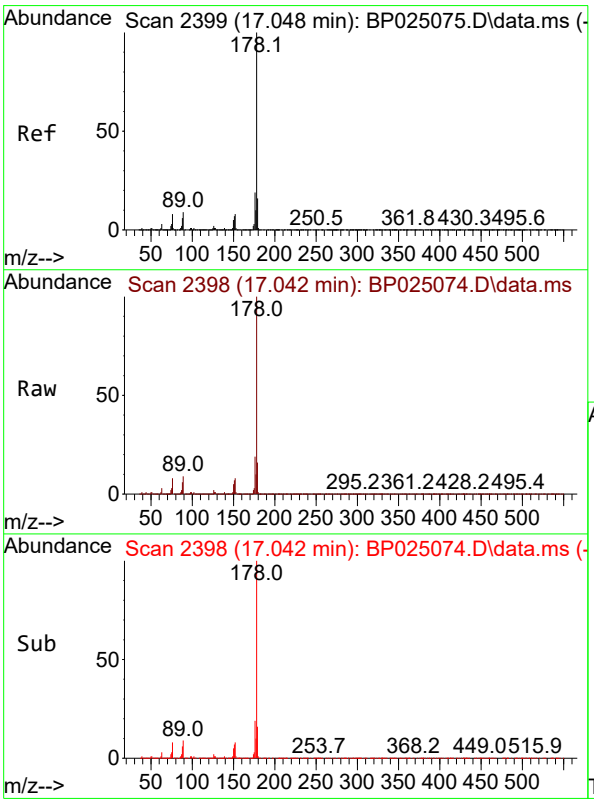
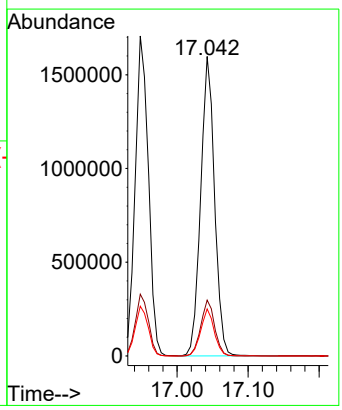
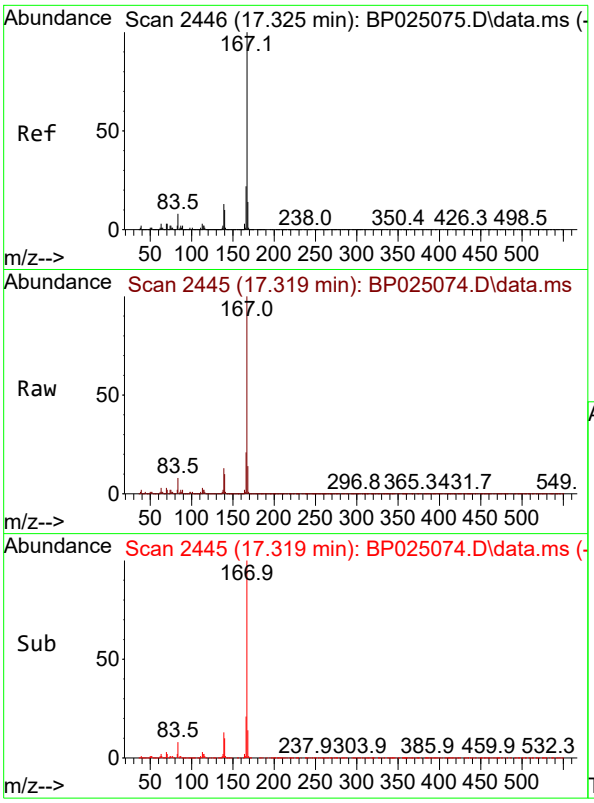


#72
Anthracene
Concen: 21.311 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 2176257

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.7	12.5	18.7





#73
Carbazole
Concen: 21.092 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:167 Resp: 210595

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.0	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
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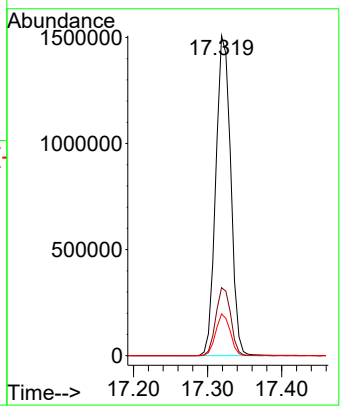
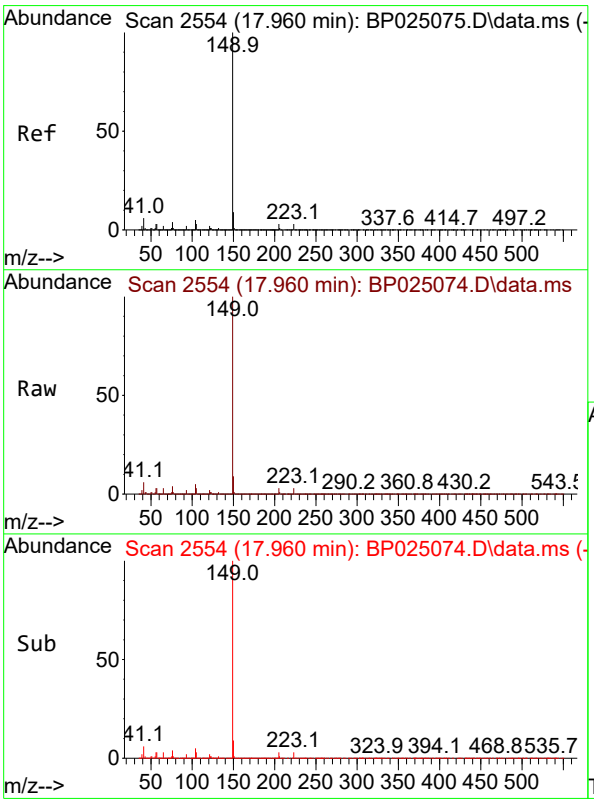
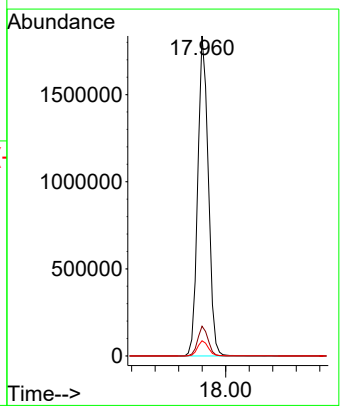


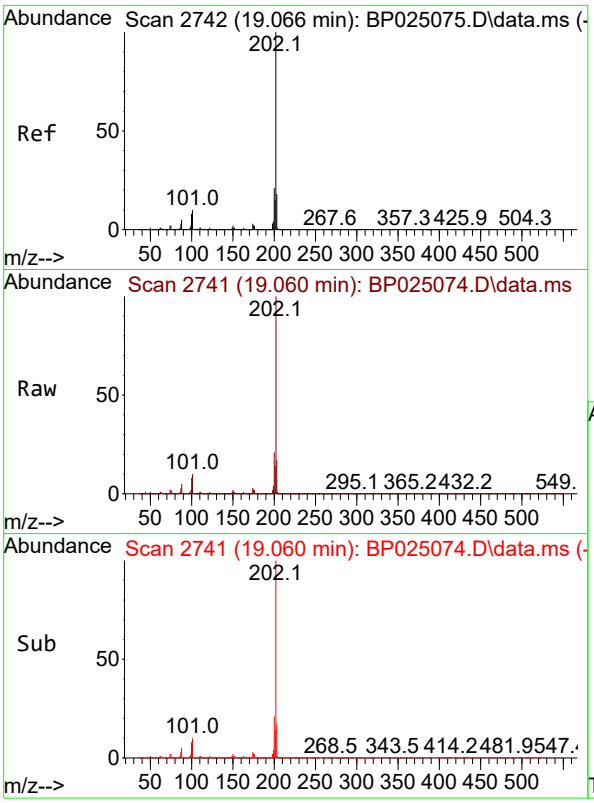


#74
Di-n-butylphthalate
Concen: 20.548 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 2284685

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6

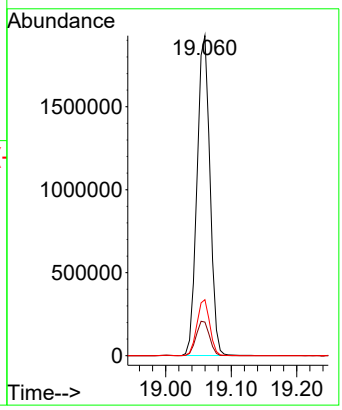




#75
Fluoranthene
Concen: 21.293 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 264928

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.5	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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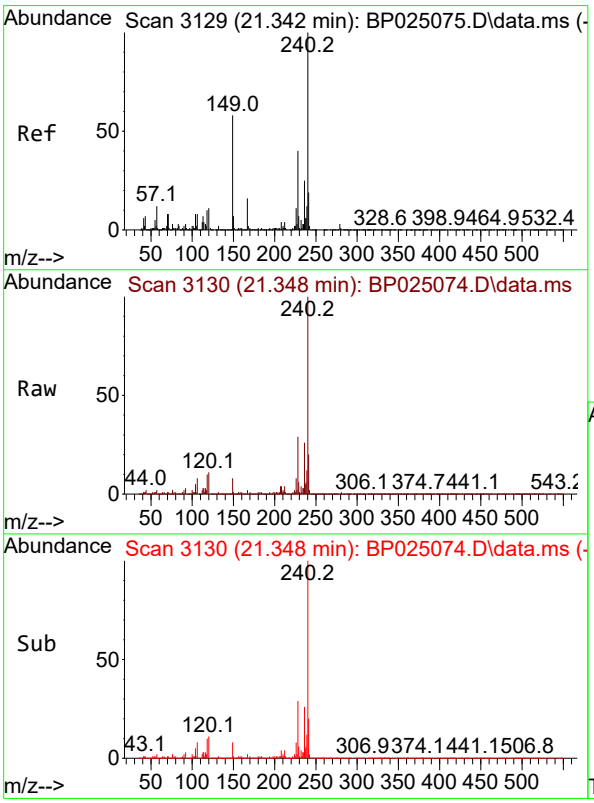
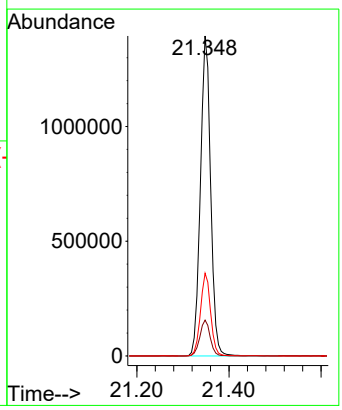
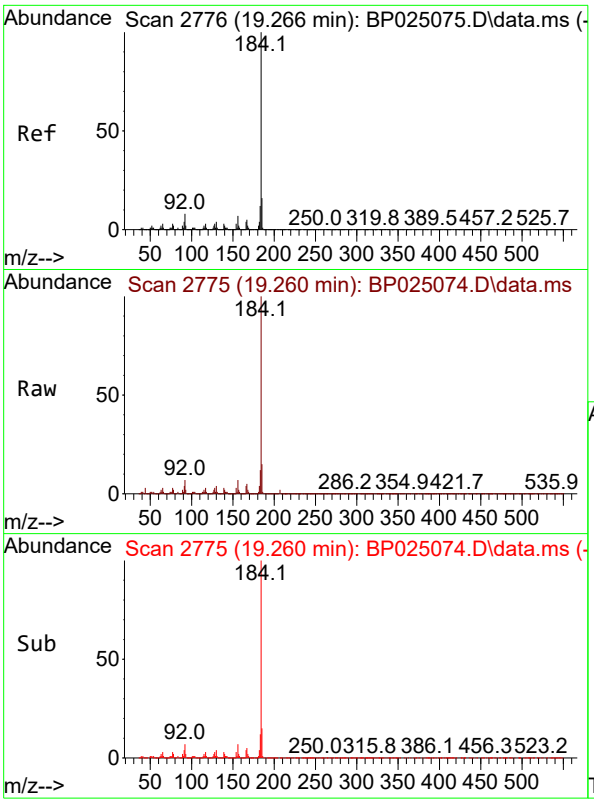


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:240 Resp: 2159758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5

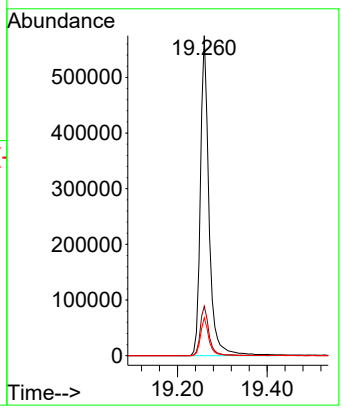




#77
Benzidine
Concen: 20.041 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 76445

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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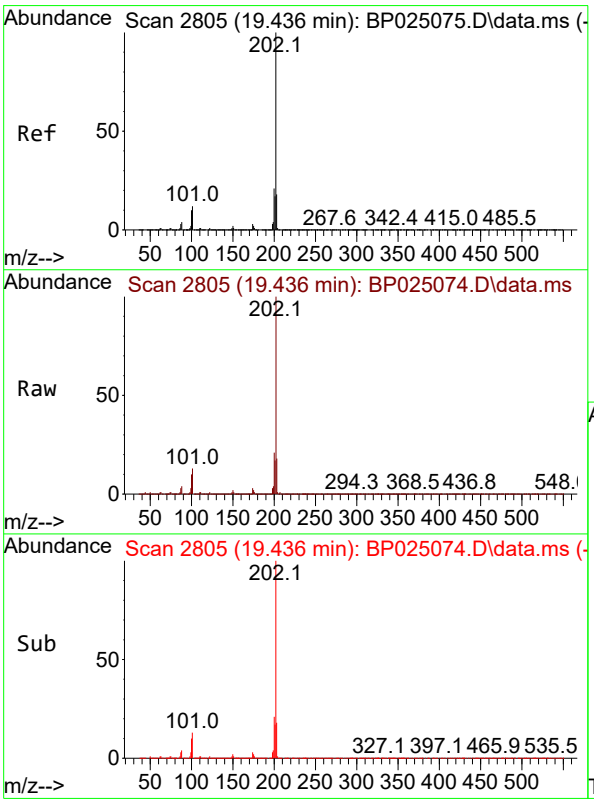
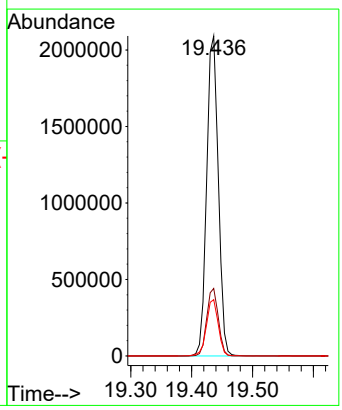
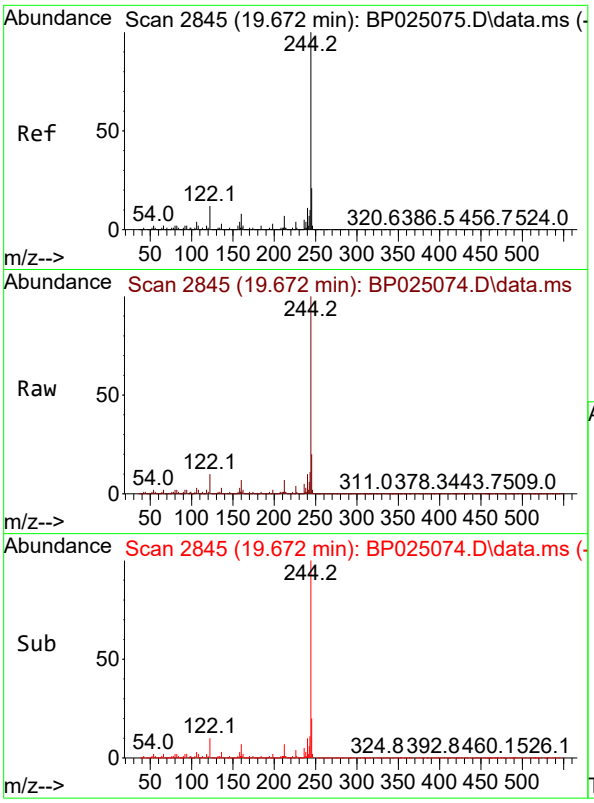


#78
Pyrene
Concen: 20.788 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 2780845

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.1	21.1

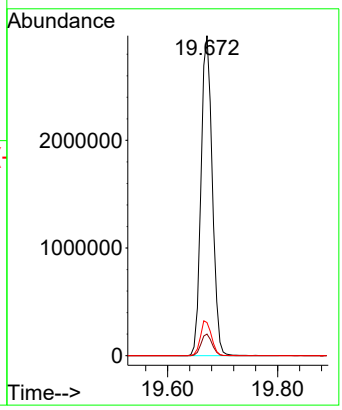




#79
Terphenyl-d14
Concen: 42.993 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:244 Resp: 422488

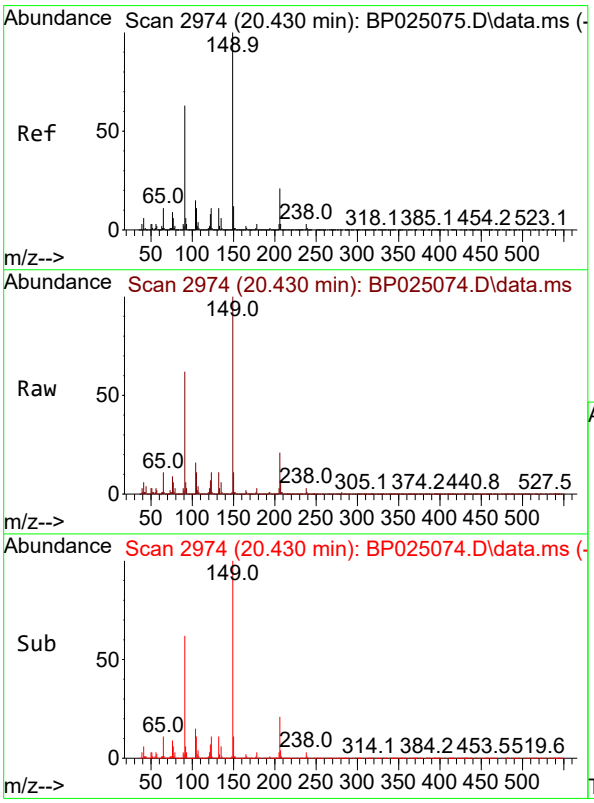
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.3	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

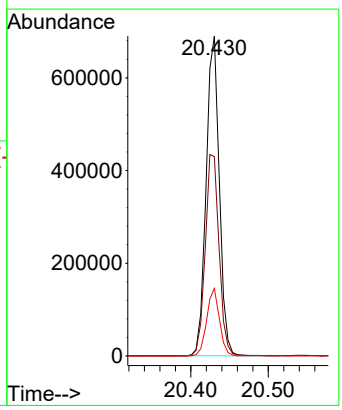
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

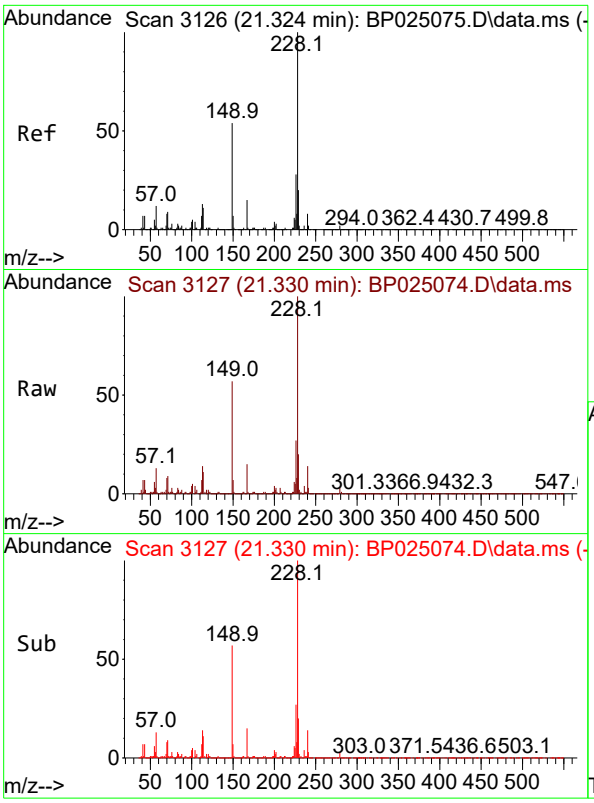


#80
Butylbenzylphthalate
Concen: 18.287 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 815246

Ion	Ratio	Lower	Upper
149	100		
91	62.3	50.6	76.0
206	21.1	17.2	25.8

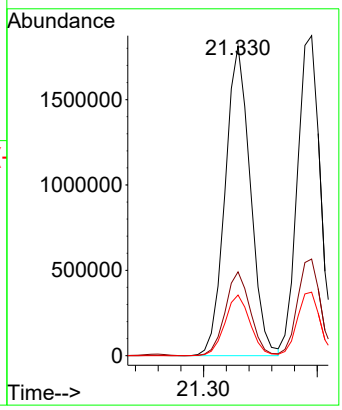




#81
Benzo(a)anthracene
Concen: 21.329 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:228 Resp: 279162

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.6	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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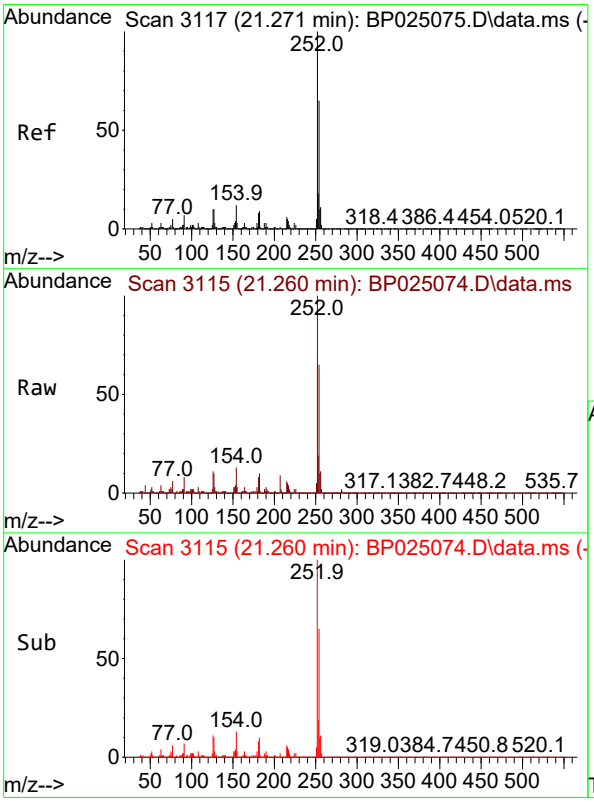
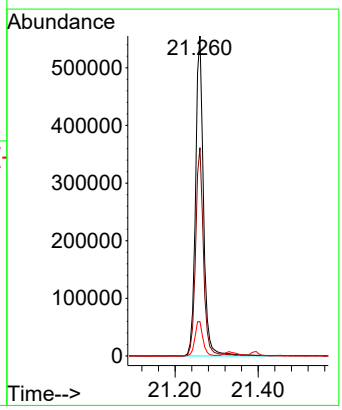
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

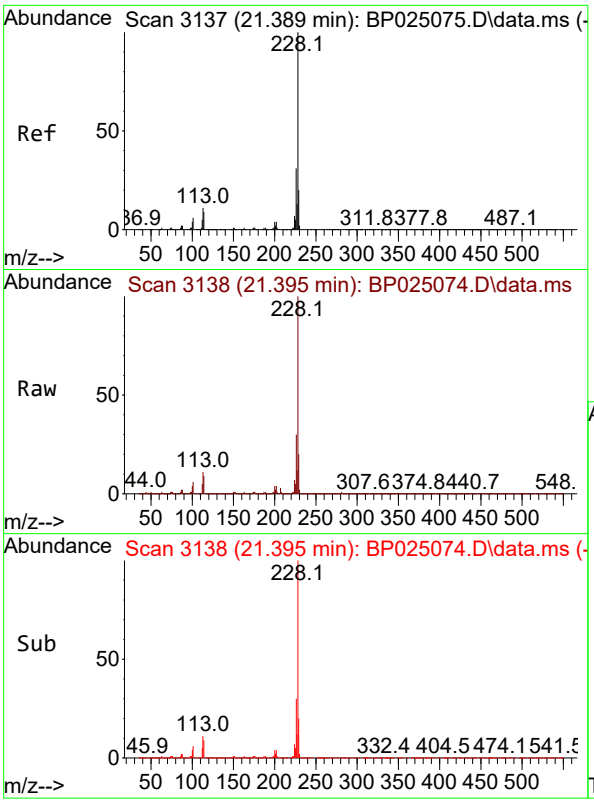


#82
3,3'-Dichlorobenzidine
Concen: 18.647 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 734695

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.7	8.1	12.1

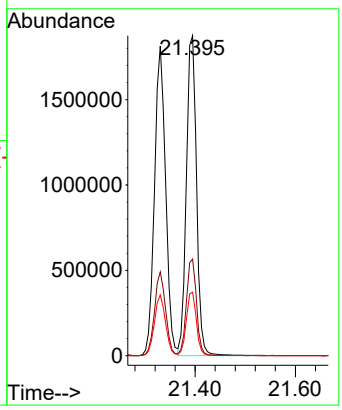




#83
Chrysene
Concen: 20.977 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:228 Resp: 264216

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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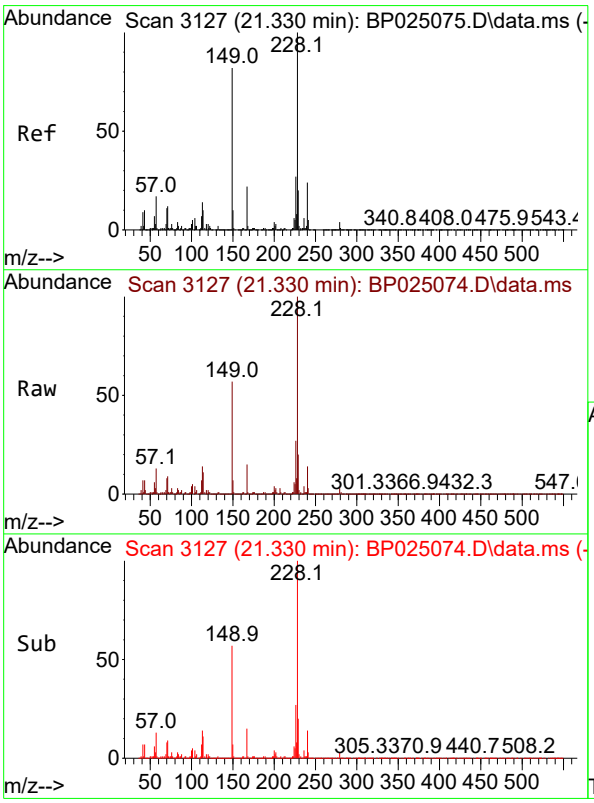
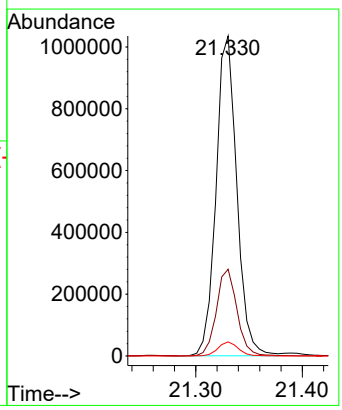
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

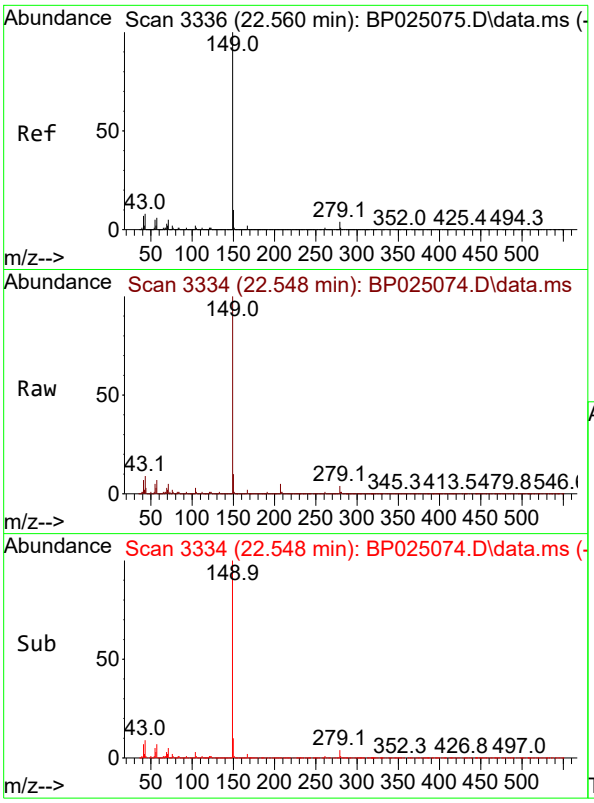


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.886 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1396109

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.4	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 18.935 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 189291

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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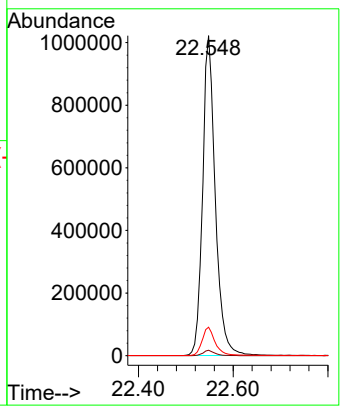
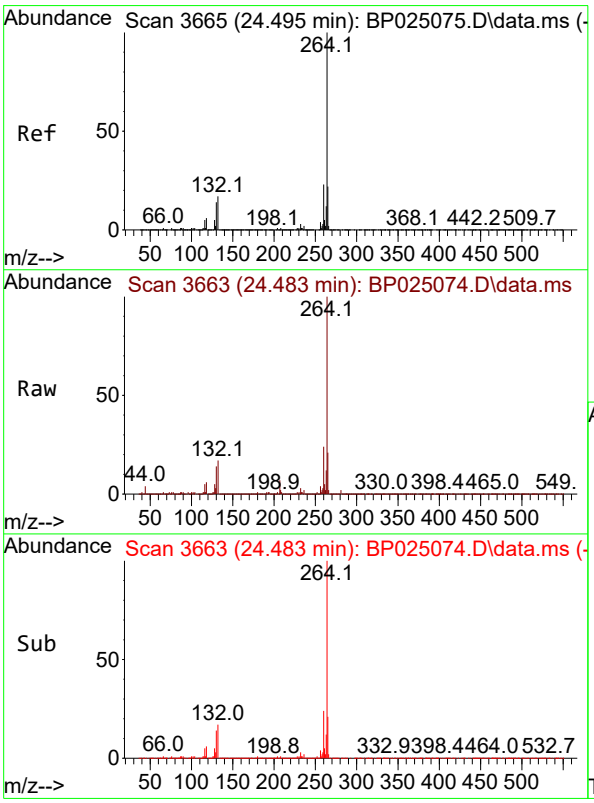
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

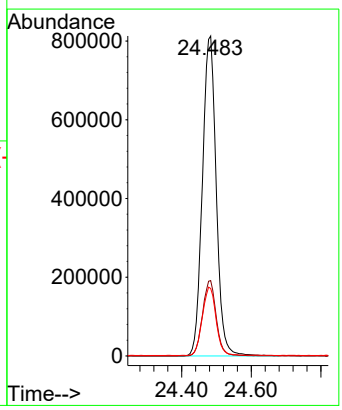


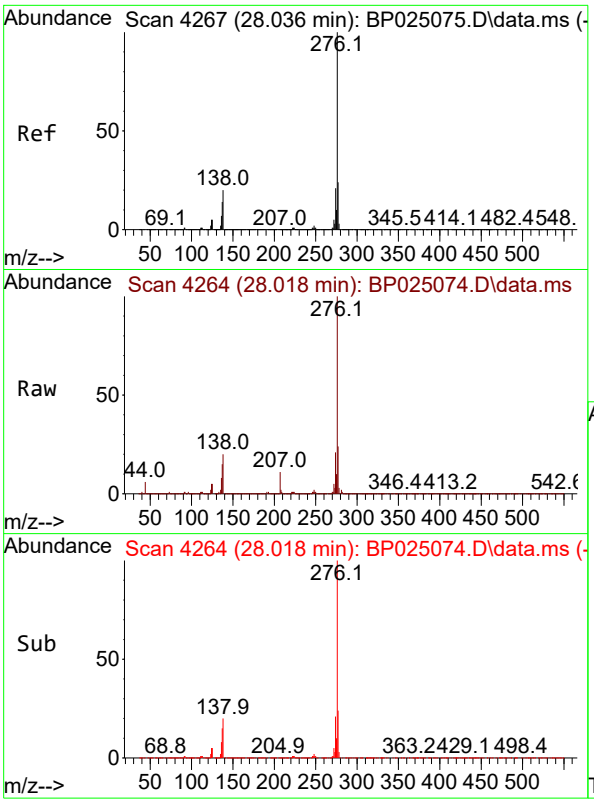


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:264 Resp: 2243019

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.1	17.7	26.5

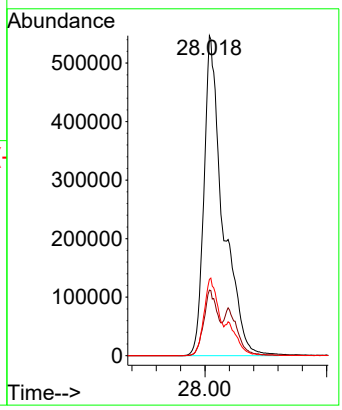




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.677 ng
RT: 28.018 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 295534

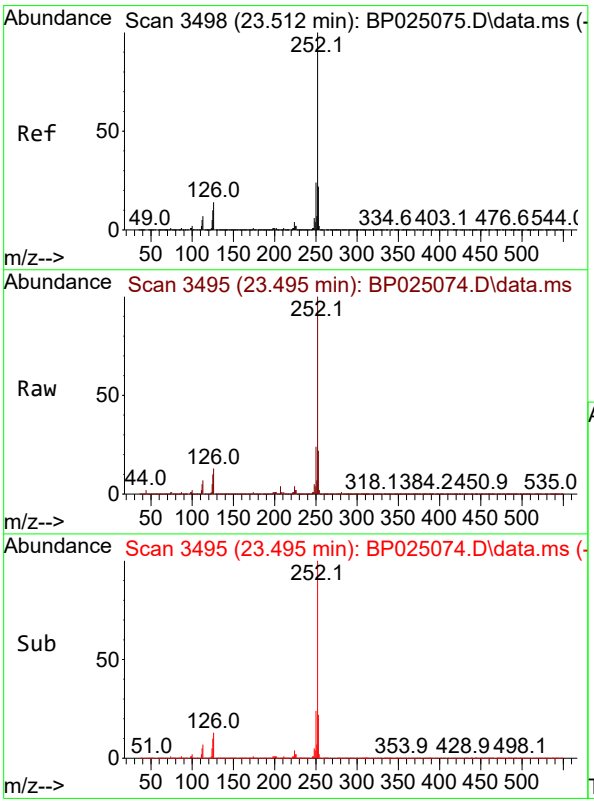
Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.0	19.6
277	18.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

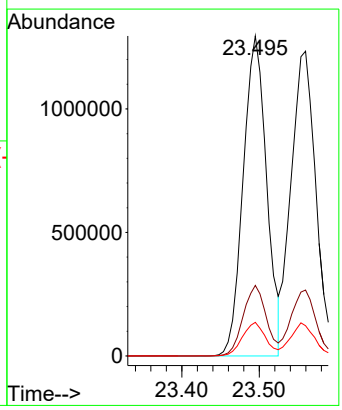
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

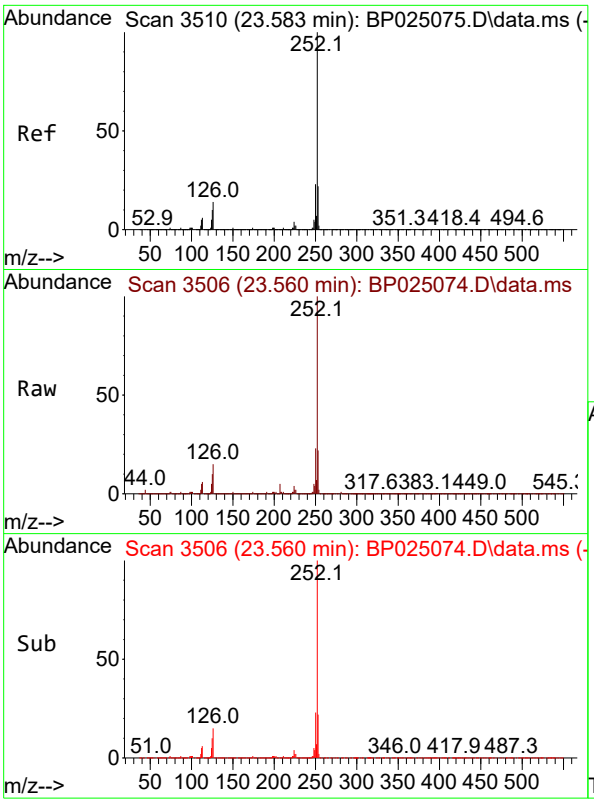


#88
Benzo(b)fluoranthene
Concen: 20.872 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2724905

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.5	8.1	12.1

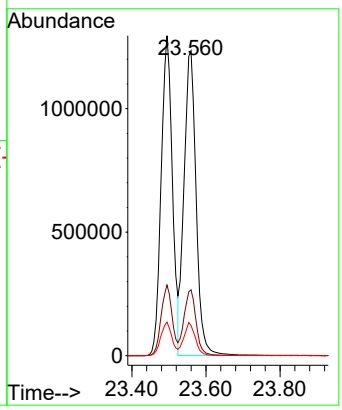




#89
Benzo(k)fluoranthene
Concen: 21.560 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 280066

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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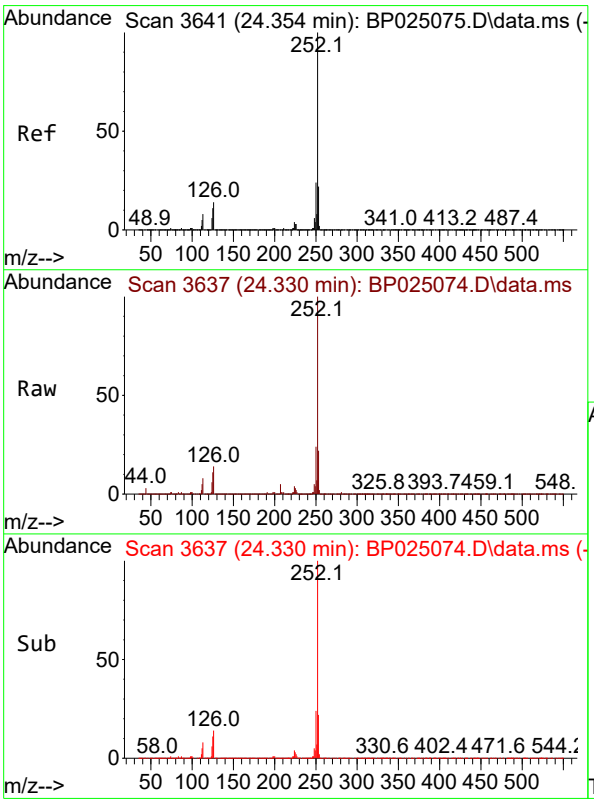
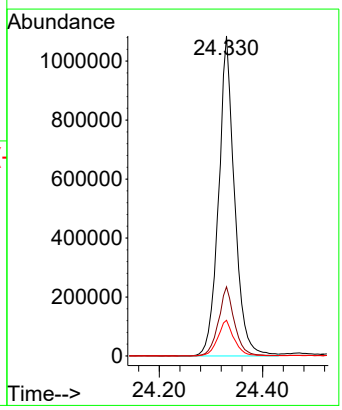
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

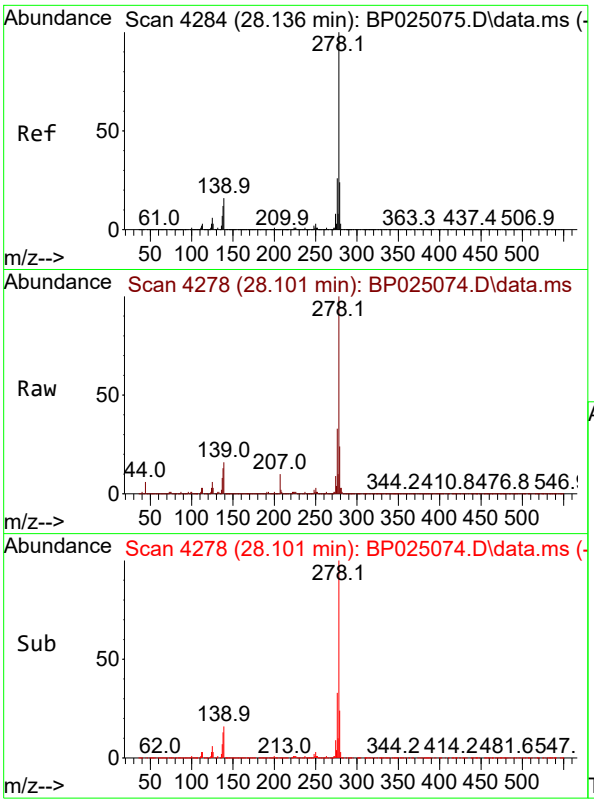


#90
Benzo(a)pyrene
Concen: 20.892 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2321462

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.2	9.0	13.4

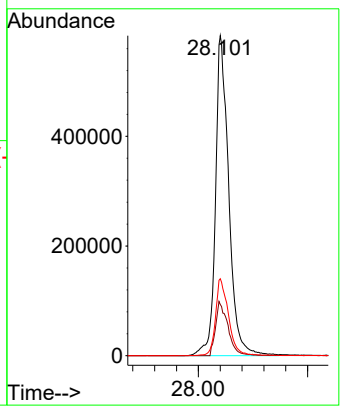




#91
Dibenzo(a,h)anthracene
Concen: 20.842 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:278 Resp: 246174

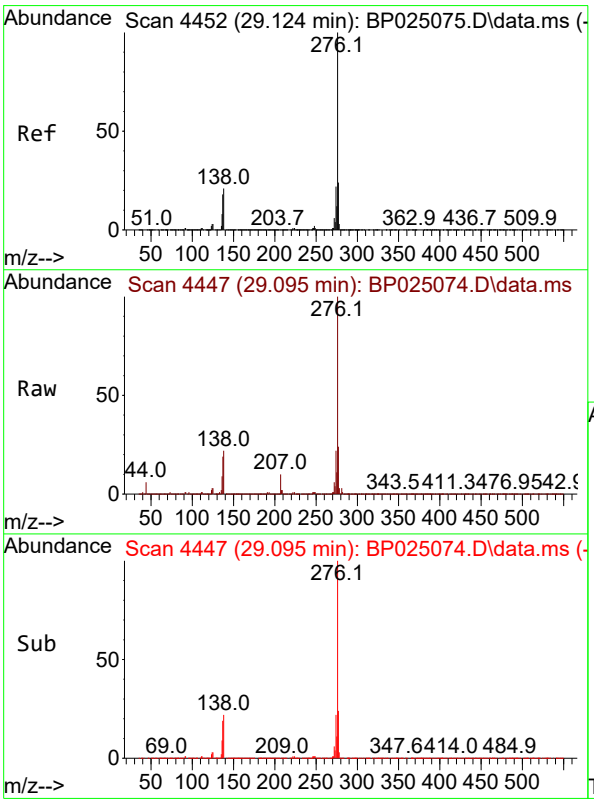
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	24.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

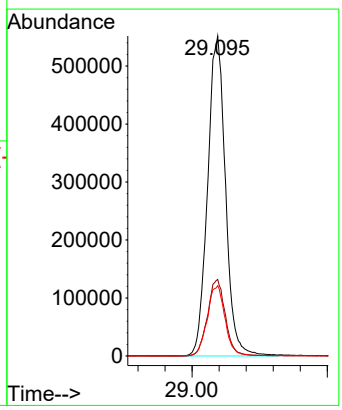
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 20.695 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 2525145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.0	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	390810	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1560152	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1003103	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2062708	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2262594	20.000	ng	0.00
86) Perylene-d12	24.495	264	2431657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772070	80.342	ng	0.00
7) Phenol-d6	6.631	99	2279753	79.204	ng	0.00
23) Nitrobenzene-d5	8.566	82	1914639	81.616	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	987112	83.301	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5132522	79.265	ng	0.00
79) Terphenyl-d14	19.672	244	8276493	80.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	339998	39.642	ng	100
3) Pyridine	3.490	79	959760	40.903	ng	100
4) n-Nitrosodimethylamine	3.408	42	395498	39.780	ng	100
6) Aniline	6.784	93	1084746	40.335	ng	100
8) 2-Chlorophenol	7.019	128	981576	39.775	ng	100
9) Benzaldehyde	6.602	77	565720	37.634	ng	100
10) Phenol	6.655	94	1150792	39.348	ng	100
11) bis(2-Chloroethyl)ether	6.890	93	876880	38.958	ng	100
12) 1,3-Dichlorobenzene	7.337	146	1077716	39.020	ng	100
13) 1,4-Dichlorobenzene	7.472	146	1093628	39.109	ng	100
14) 1,2-Dichlorobenzene	7.784	146	1054645	39.206	ng	100
15) Benzyl Alcohol	7.672	79	748226	38.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1120385	38.282	ng	100
17) 2-Methylphenol	7.872	107	757253	40.195	ng	100
18) Hexachloroethane	8.496	117	359924	39.510	ng	100
19) n-Nitroso-di-n-propyla...	8.237	70	676070	39.605	ng	100
20) 3+4-Methylphenols	8.196	107	1042619	39.511	ng	100
22) Acetophenone	8.243	105	1451215	39.332	ng	100
24) Nitrobenzene	8.607	77	966724	40.457	ng	100
25) Isophorone	9.131	82	1742244	39.740	ng	100
26) 2-Nitrophenol	9.313	139	416304	36.734	ng	100
27) 2,4-Dimethylphenol	9.384	122	649221	39.698	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1166063	39.172	ng	100
29) 2,4-Dichlorophenol	9.837	162	932551	41.124	ng	100
30) 1,2,4-Trichlorobenzene	10.060	180	995067	39.625	ng	100
31) Naphthalene	10.231	128	3155257	39.276	ng	100
32) Benzoic acid	9.501	122	581334	38.533	ng	100
33) 4-Chloroaniline	10.343	127	1217057	40.595	ng	100
34) Hexachlorobutadiene	10.537	225	567921	39.409	ng	100
35) Caprolactam	11.107	113	313947	40.469	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	965263	40.733	ng	100
37) 2-Methylnaphthalene	11.860	142	2240648	39.530	ng	100
38) 1-Methylnaphthalene	12.084	142	2158945	39.054	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1164588	40.396	ng	100
41) Hexachlorocyclopentadiene	12.237	237	298913	39.695	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	741839	42.497	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	824324	41.668	ng	100
46) 1,1'-Biphenyl	12.907	154	2916222	39.957	ng	100
47) 2-Chloronaphthalene	12.942	162	2188234	39.891	ng	100
48) 2-Nitroaniline	13.142	65	519267	39.182	ng	100
49) Acenaphthylene	13.801	152	3413485	40.657	ng	100
50) Dimethylphthalate	13.554	163	2825141	40.234	ng	100
51) 2,6-Dinitrotoluene	13.660	165	592325	43.253	ng	100
52) Acenaphthene	14.154	154	2139419	39.537	ng	100
53) 3-Nitroaniline	13.984	138	644835	43.937	ng	100
54) 2,4-Dinitrophenol	14.195	184	234827	38.110	ng	100
55) Dibenzofuran	14.507	168	3547100	39.719	ng	100
56) 4-Nitrophenol	14.301	139	572405	42.263	ng	100
57) 2,4-Dinitrotoluene	14.466	165	785486	39.572	ng	100
58) Fluorene	15.166	166	2794372	40.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	742726	41.458	ng	100
60) Diethylphthalate	14.960	149	2866041	40.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1361531	39.829	ng	100
62) 4-Nitroaniline	15.184	138	686633	44.618	ng	100
63) Azobenzene	15.478	77	2537142	40.400	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	335740	37.190	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2365317	40.069	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	843967	39.961	ng	100
68) Hexachlorobenzene	16.201	284	1020715	39.541	ng	100
69) Atrazine	16.383	200	711320	41.121	ng	100
70) Pentachlorophenol	16.548	266	707874	40.604	ng	100
71) Phenanthrene	16.954	178	4407982	39.993	ng	100
72) Anthracene	17.048	178	4275492	40.434	ng	100
73) Carbazole	17.325	167	4245502	41.064	ng	100
74) Di-n-butylphthalate	17.960	149	4897263	42.536	ng	100
75) Fluoranthene	19.066	202	5320900	41.300	ng	100
77) Benzidine	19.266	184	2584906	64.686	ng	100
78) Pyrene	19.436	202	5572652	39.765	ng	100
80) Butylbenzylphthalate	20.430	149	1993151	37.765	ng	100
81) Benzo(a)anthracene	21.324	228	5507840	40.169	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	1763991	42.735	ng	100
83) Chrysene	21.389	228	5244045	39.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	3179611	43.232	ng	100
85) Di-n-octyl phthalate	22.560	149	4951836	38.152	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	6474467m	41.785	ng	
88) Benzo(b)fluoranthene	23.512	252	5839482	41.258	ng	100
89) Benzo(k)fluoranthene	23.583	252	5609534	39.833	ng	100
90) Benzo(a)pyrene	24.354	252	5022829	41.697	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	5336147	41.673	ng	100
92) Benzo(g,h,i)perylene	29.124	276	5482072	41.443	ng	100

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
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Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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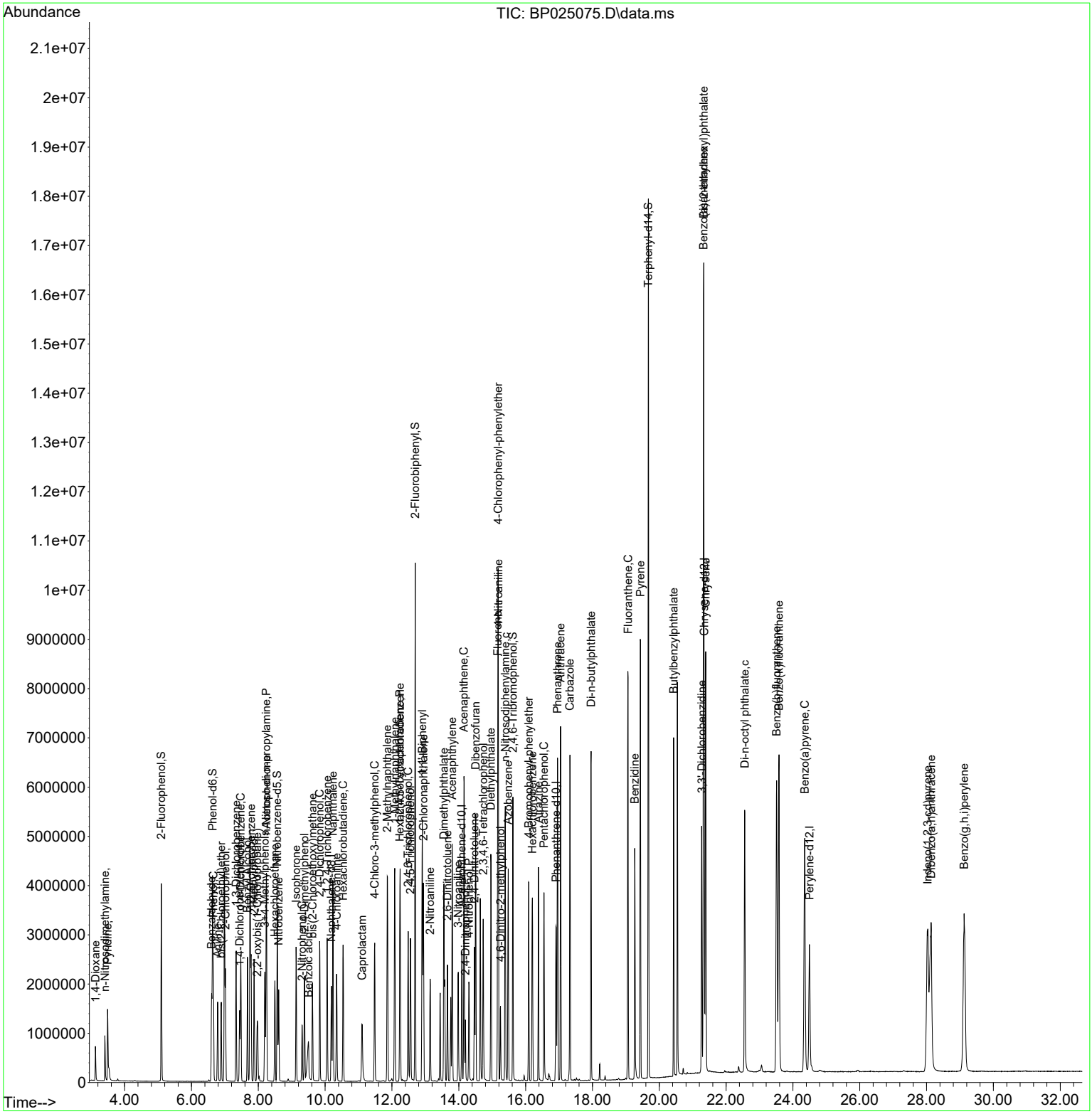
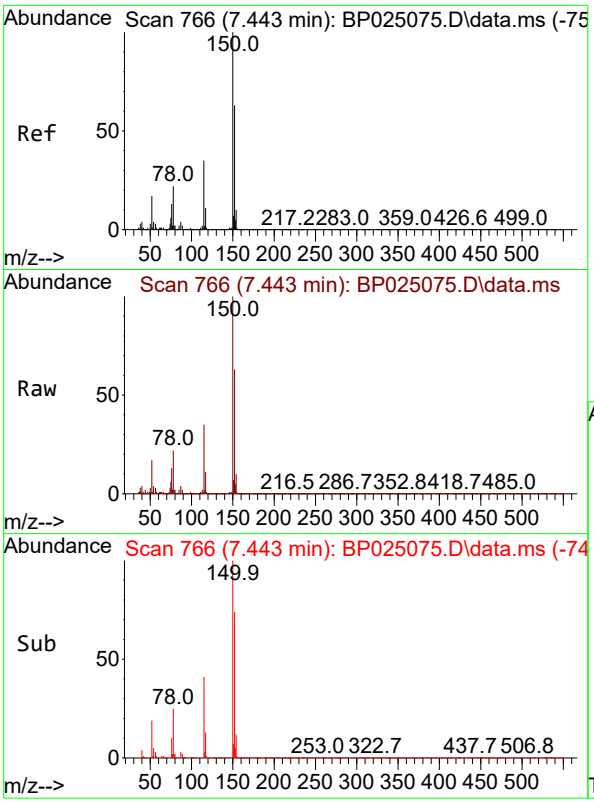
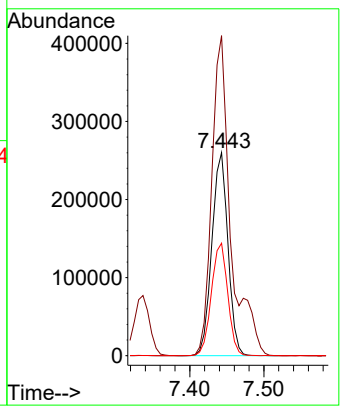




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:152 Resp: 39081

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	55.4	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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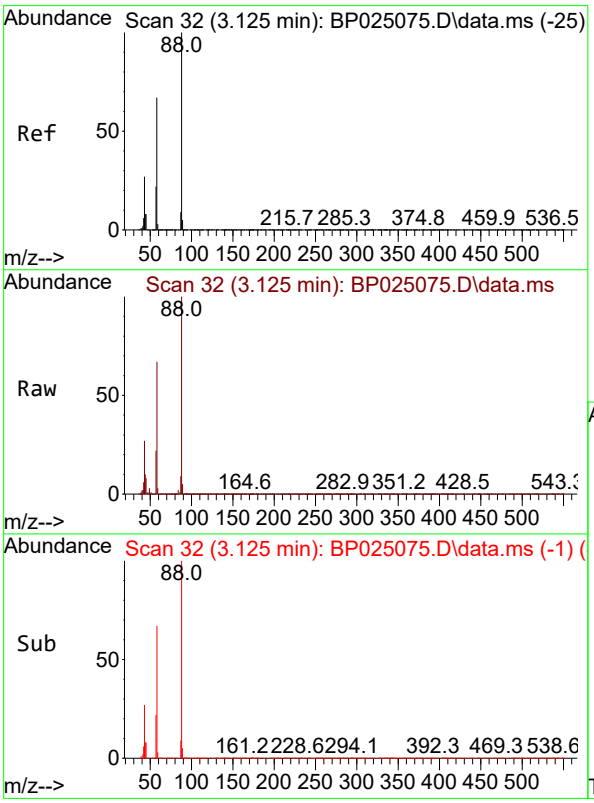
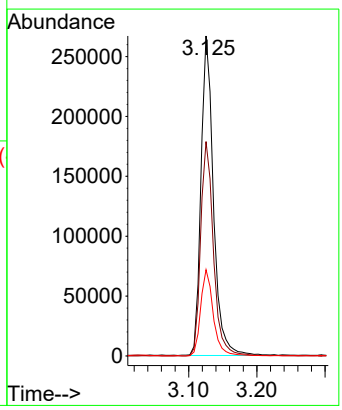
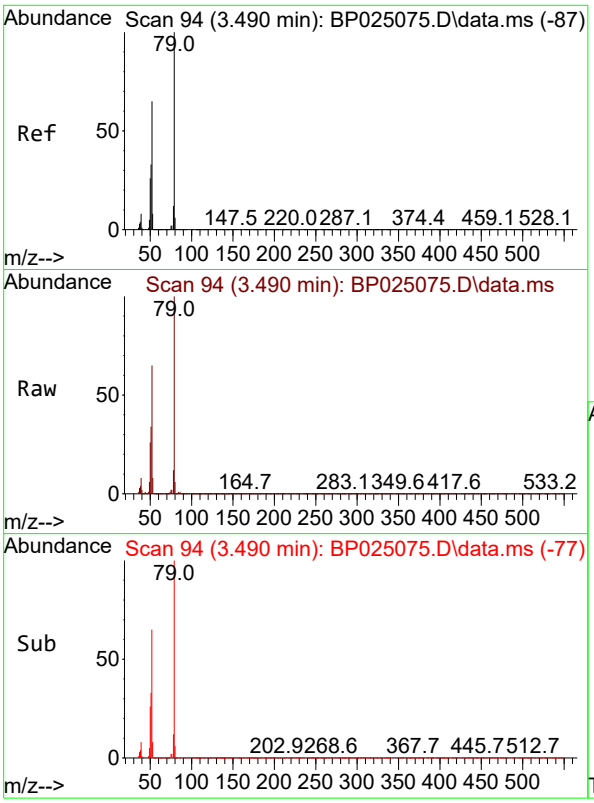


#2
1,4-Dioxane
Concen: 39.642 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 88 Resp: 339998

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9

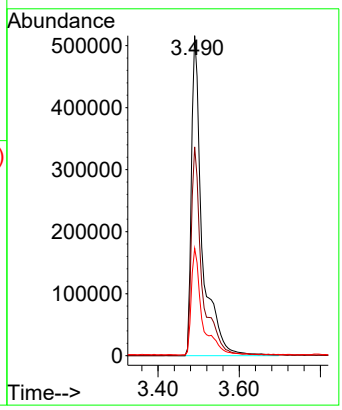




#3
Pyridine
Concen: 40.903 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 79 Resp: 95976

Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.2	78.4
51	33.5	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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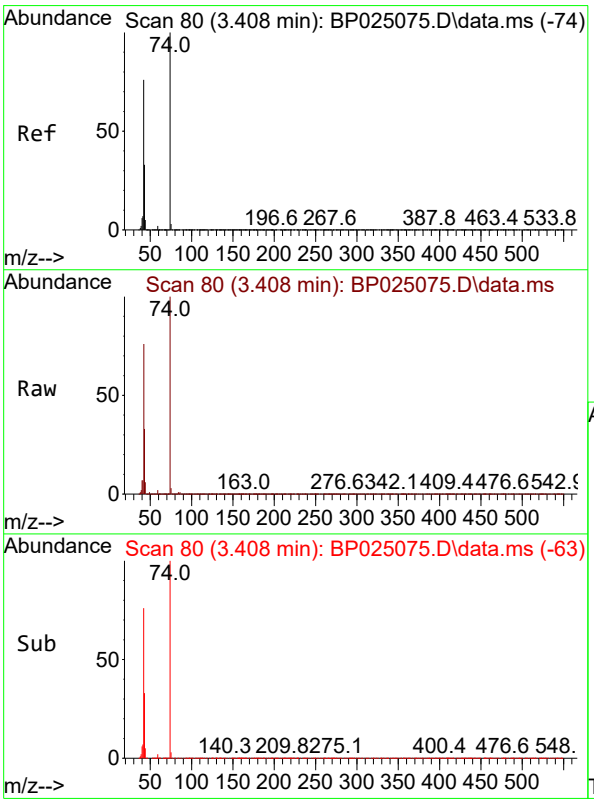
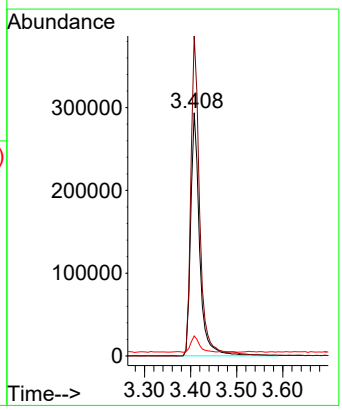
Supervised By :Jagrut Upadhyay 07/07/2025

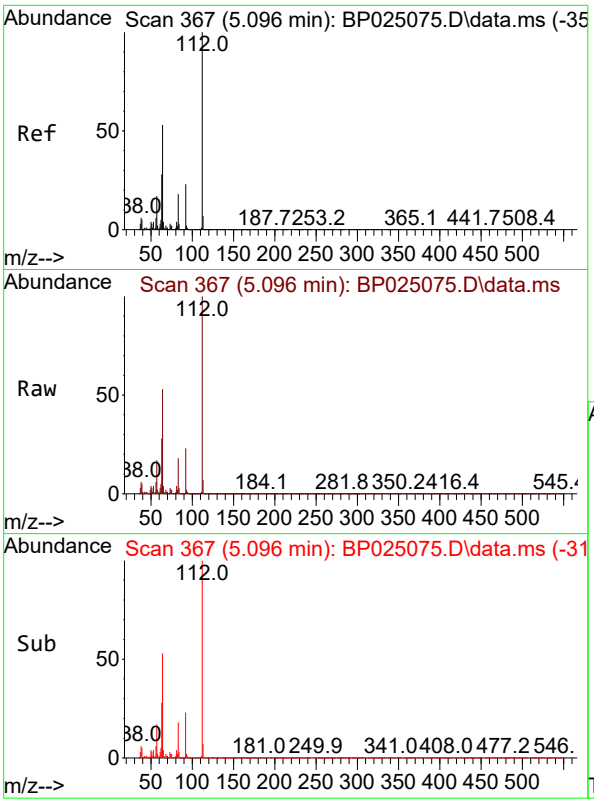


#4
n-Nitrosodimethylamine
Concen: 39.780 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 42 Resp: 395498

Ion	Ratio	Lower	Upper
42	100		
74	131.5	105.2	157.8
44	8.2	6.6	9.8





#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:112 Resp: 177207

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.0	63.0
63	27.7	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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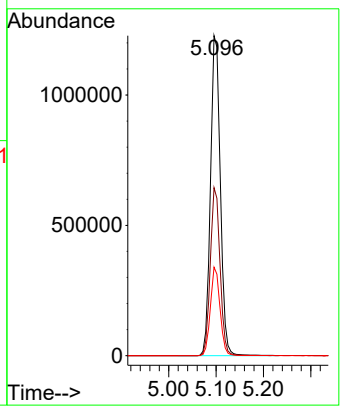
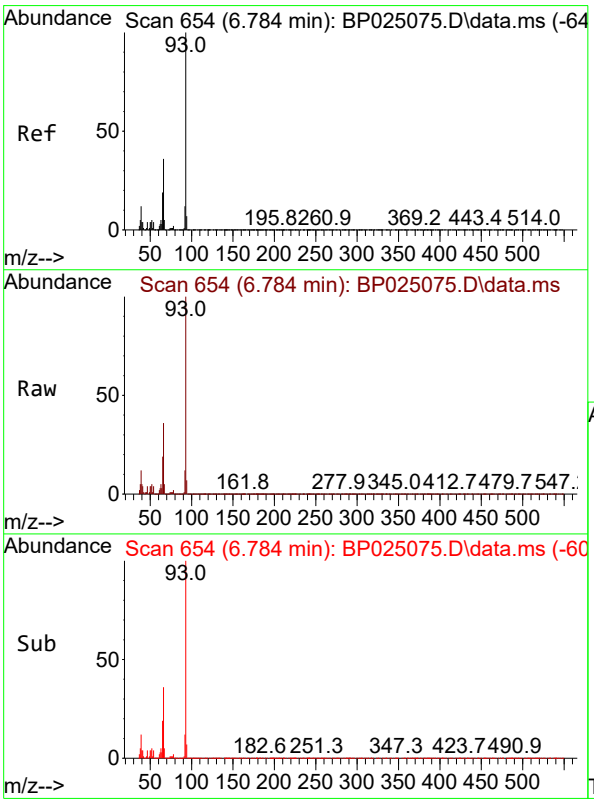
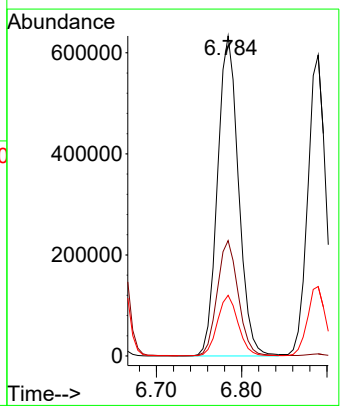


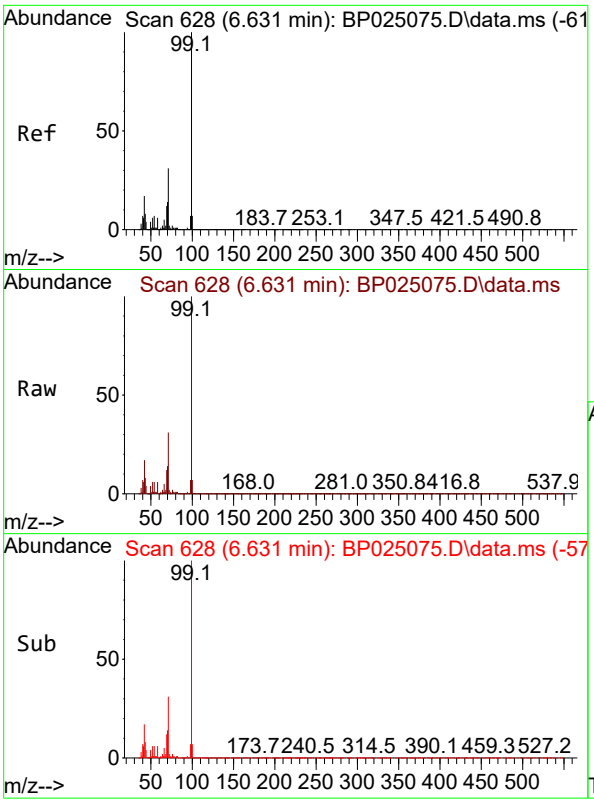


#6
Aniline
Concen: 40.335 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1084746

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	19.0	15.2	22.8

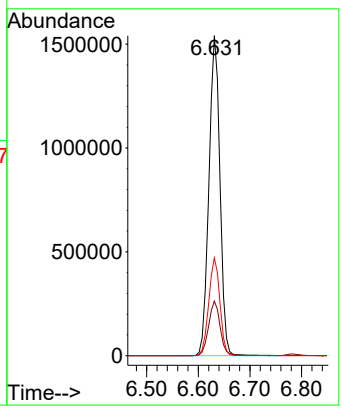




#7
Phenol-d6
Concen: 79.204 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 99 Resp: 227975

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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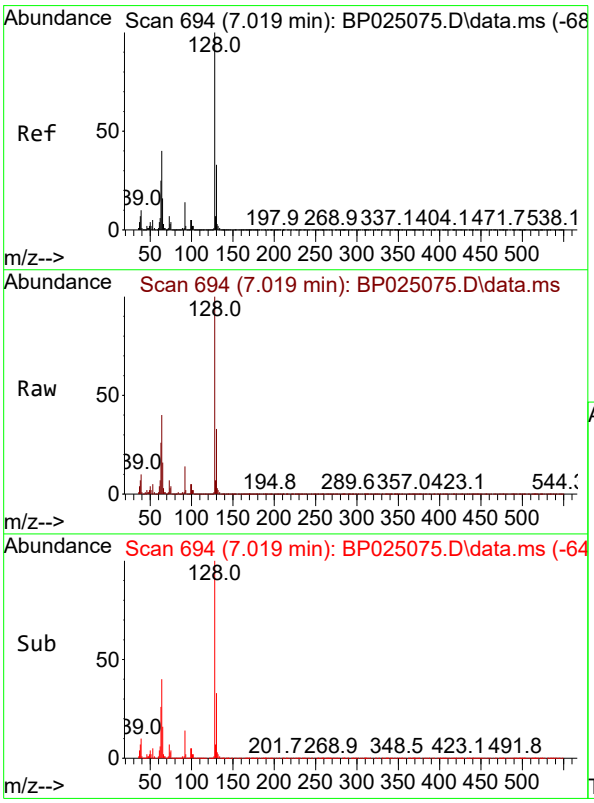
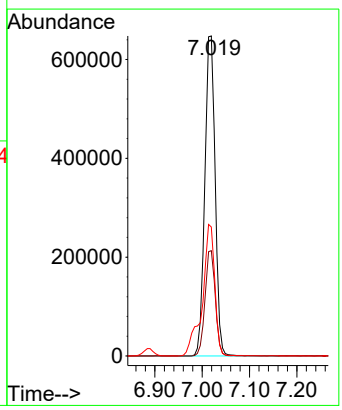
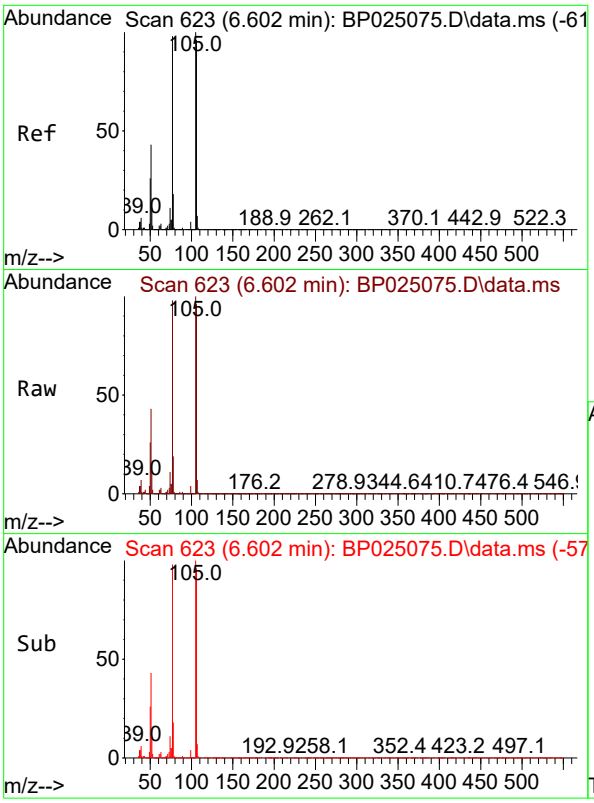


#8
2-Chlorophenol
Concen: 39.775 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 981576

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.3	20.3	60.3

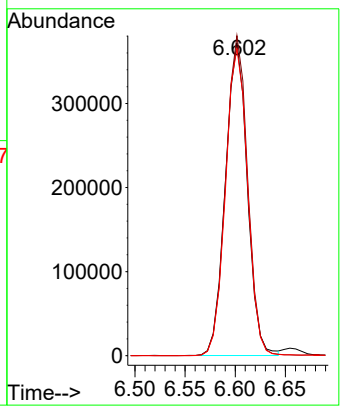




#9
Benzaldehyde
Concen: 37.634 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 56572

Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.4	122.4
106	98.3	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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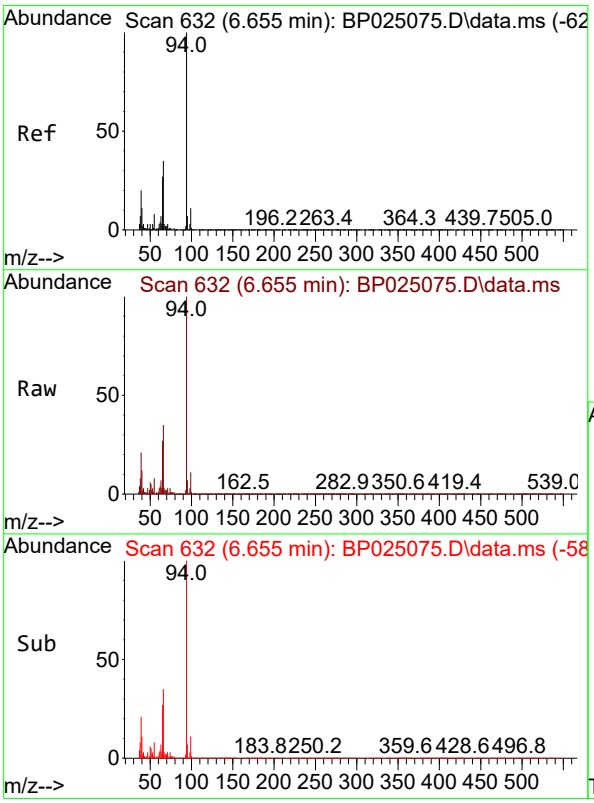
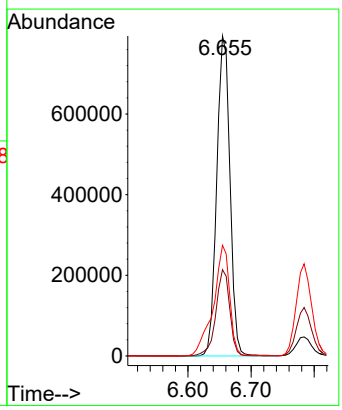
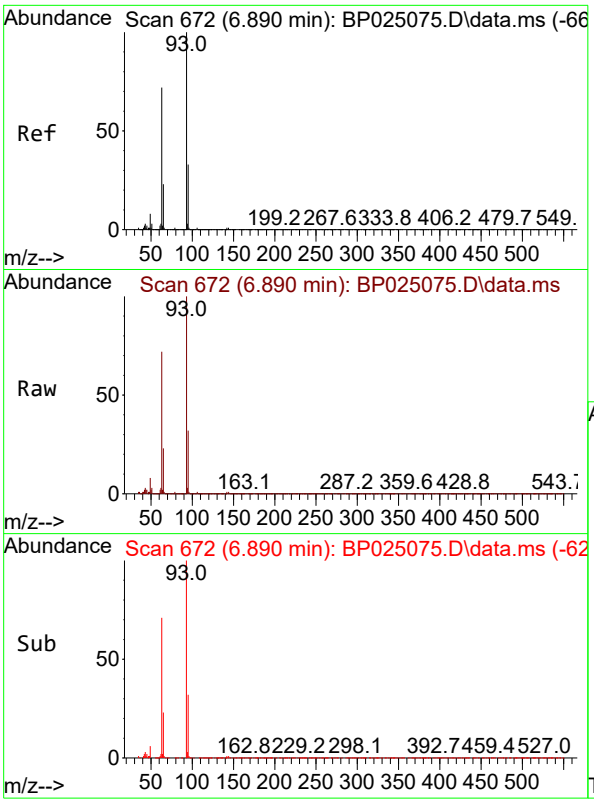


#10
Phenol
Concen: 39.348 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 94 Resp: 1150792

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.9	46.9
66	34.6	14.6	54.6





#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 87688

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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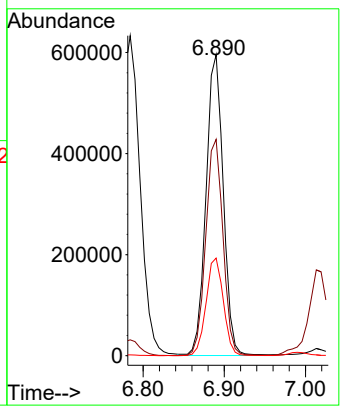
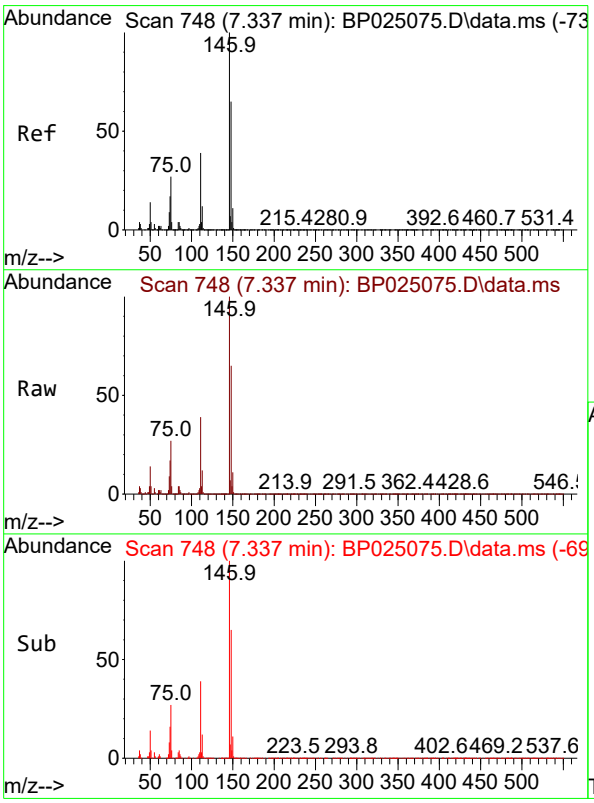
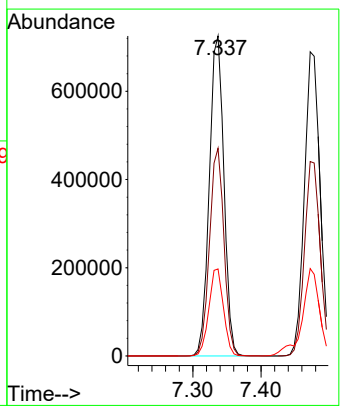


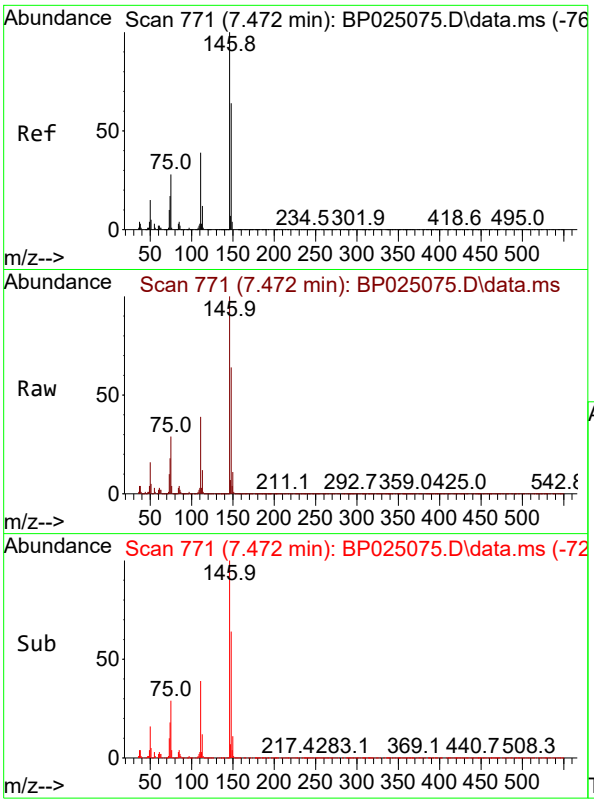


#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1077716

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	27.2	21.8	32.6

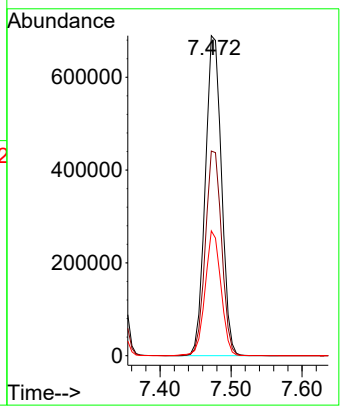




#13
1,4-Dichlorobenzene
Concen: 39.109 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 109362

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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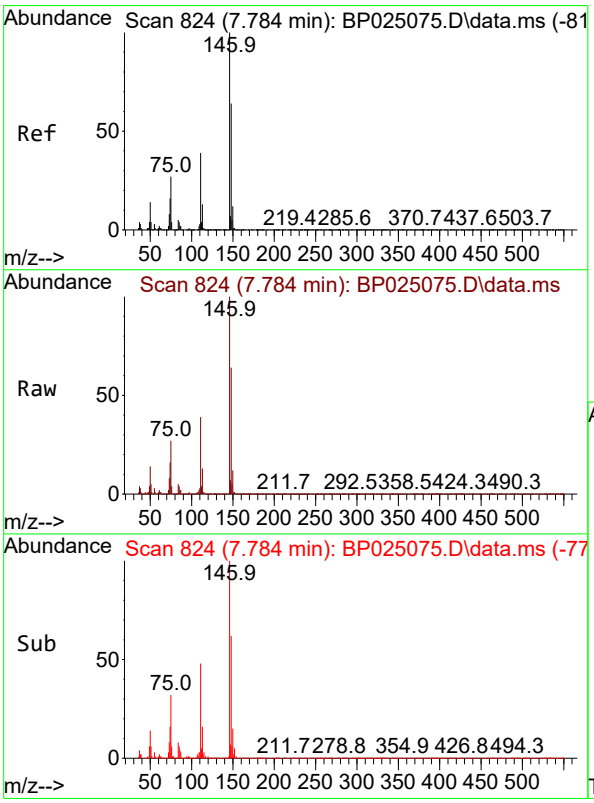
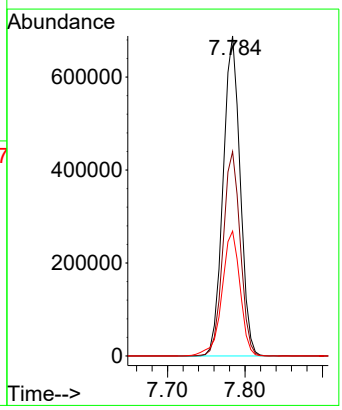
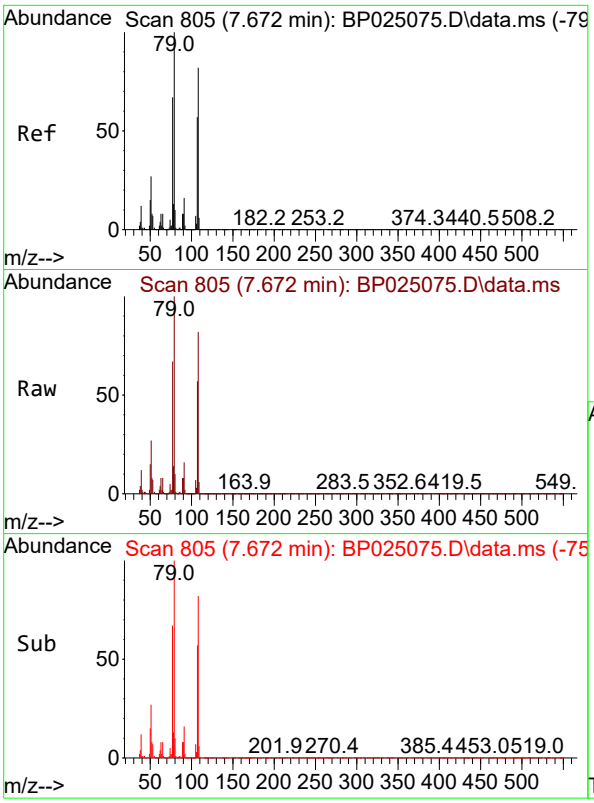


#14
1,2-Dichlorobenzene
Concen: 39.206 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1054645

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8





#15
Benzyl Alcohol
Concen: 38.947 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 74822

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	66.8	53.4	80.2

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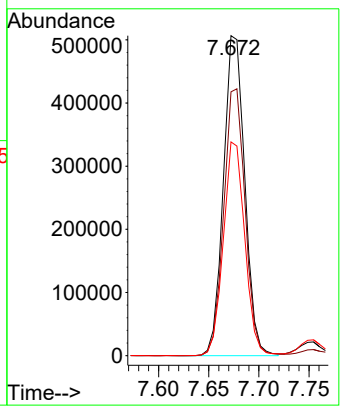
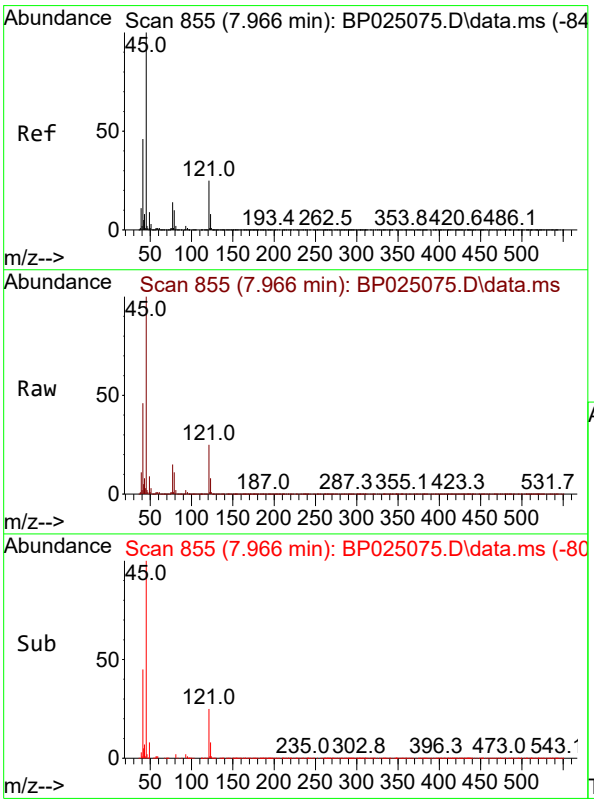
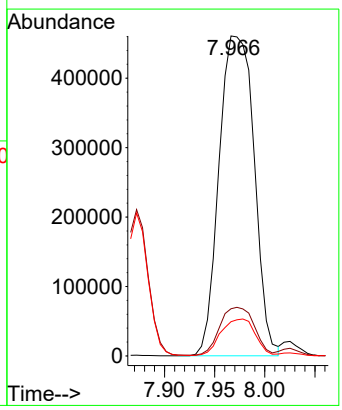


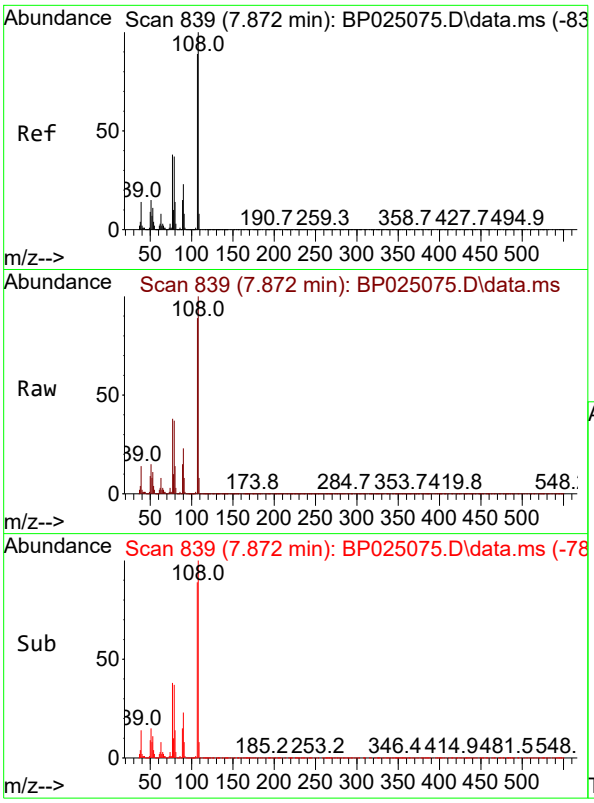


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.282 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 45 Resp: 1120385

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.8
79	10.7	0.0	30.7

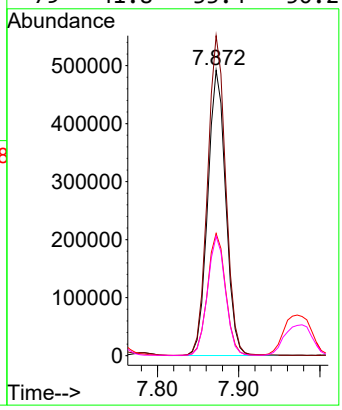




#17
2-Methylphenol
Concen: 40.195 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 75725

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.8	34.2	51.4
79	41.8	33.4	50.2



Instrument :
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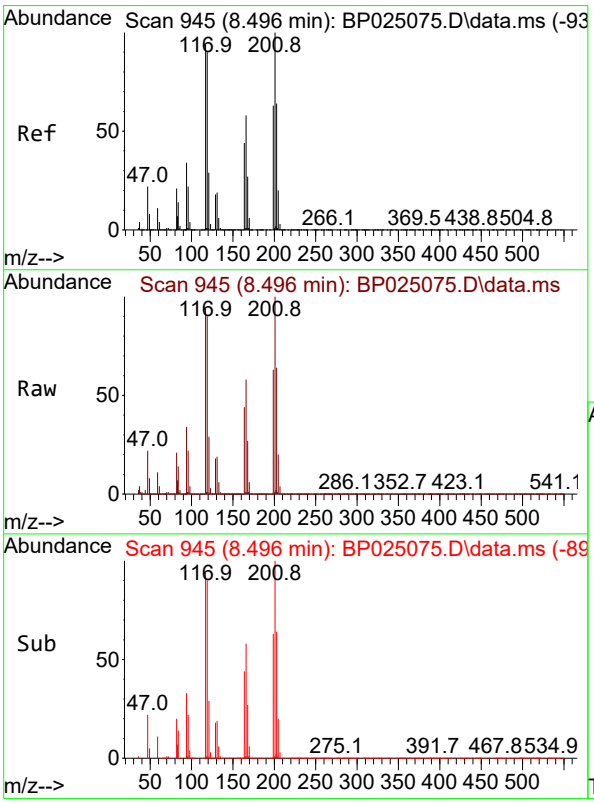
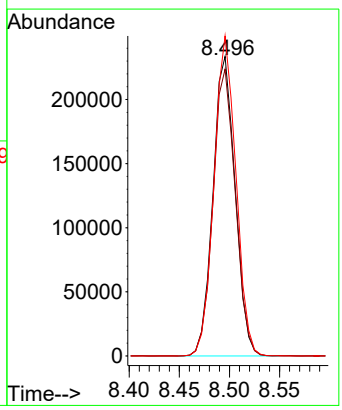
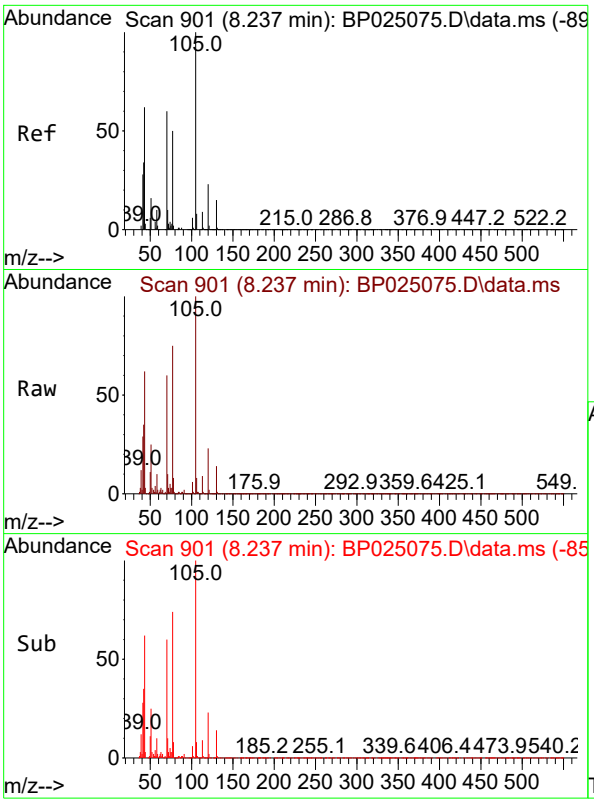


#18
Hexachloroethane
Concen: 39.510 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:117 Resp: 359924

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	106.8	85.4	128.2

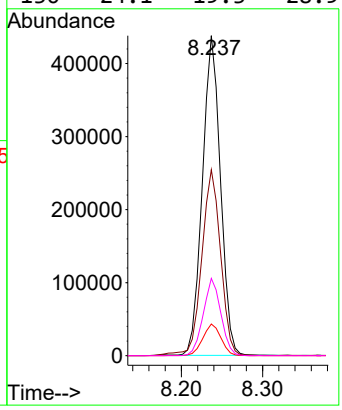




#19
n-Nitroso-di-n-propylamine
Concen: 39.605 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 70 Resp: 67607

Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.5	69.7
101	9.9	7.9	11.9
130	24.1	19.3	28.9



Instrument :
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ClientSampleId :
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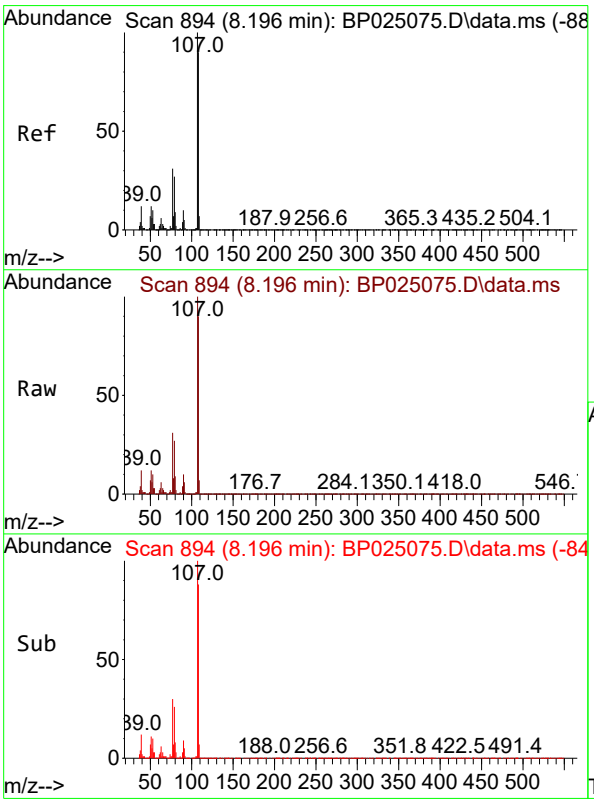
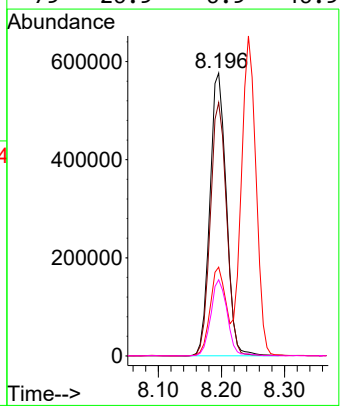
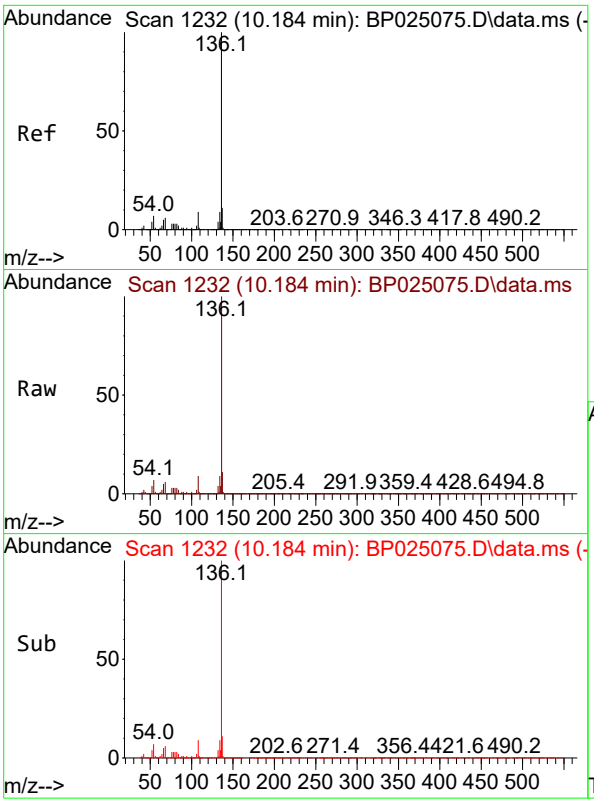


#20
3+4-Methylphenols
Concen: 39.511 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 1042619

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	31.4	11.4	51.4
79	26.9	6.9	46.9

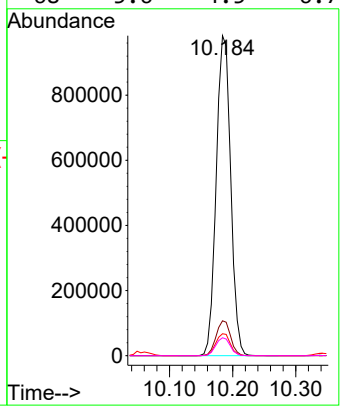




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:136 Resp: 156015

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.5	6.7



Instrument :
BNA_P
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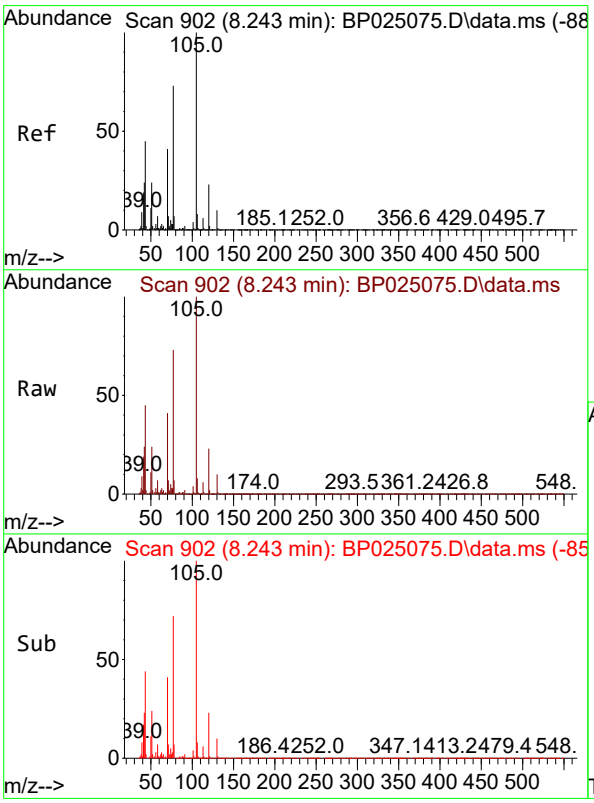
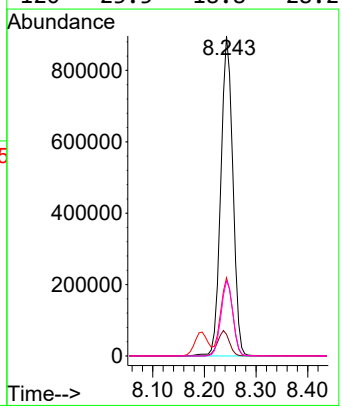
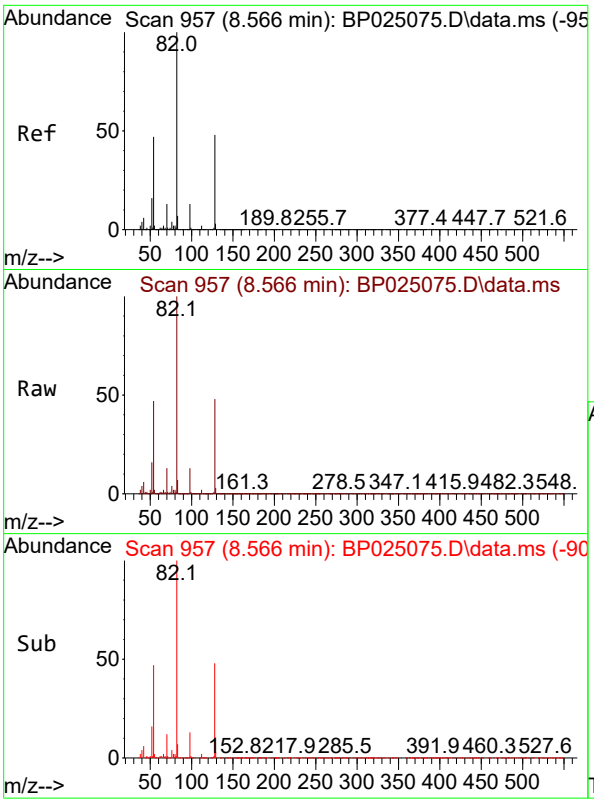


#22
Acetophenone
Concen: 39.332 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:105 Resp: 1451215

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.2
51	24.5	19.6	29.4
120	23.5	18.8	28.2





#23
Nitrobenzene-d5
Concen: 81.616 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 82 Resp: 191463

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	47.2	37.8	56.6

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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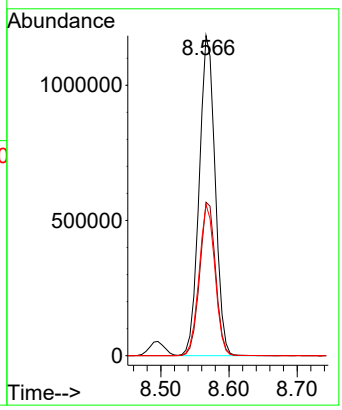
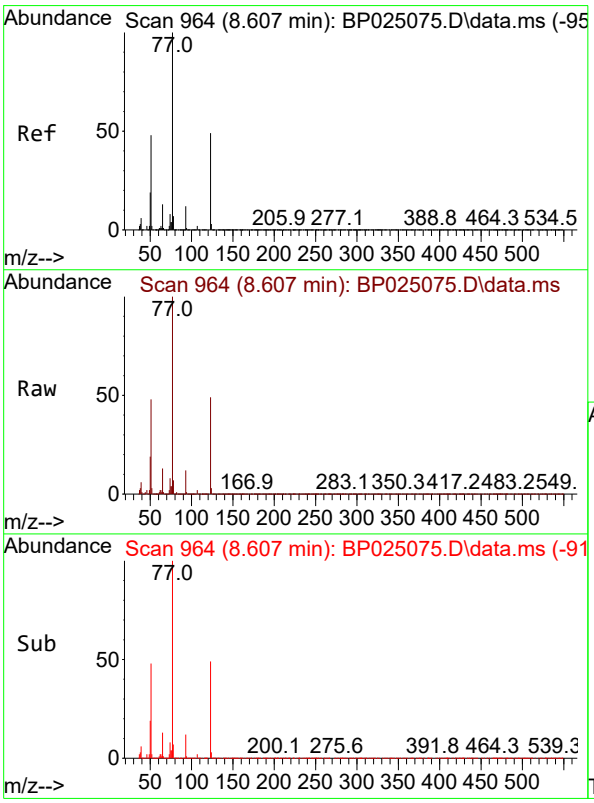
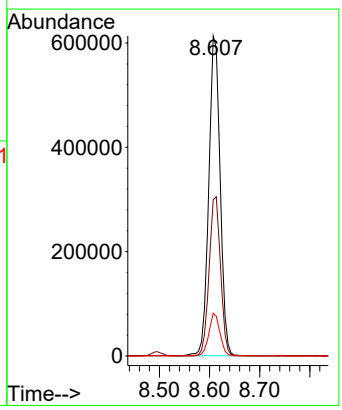


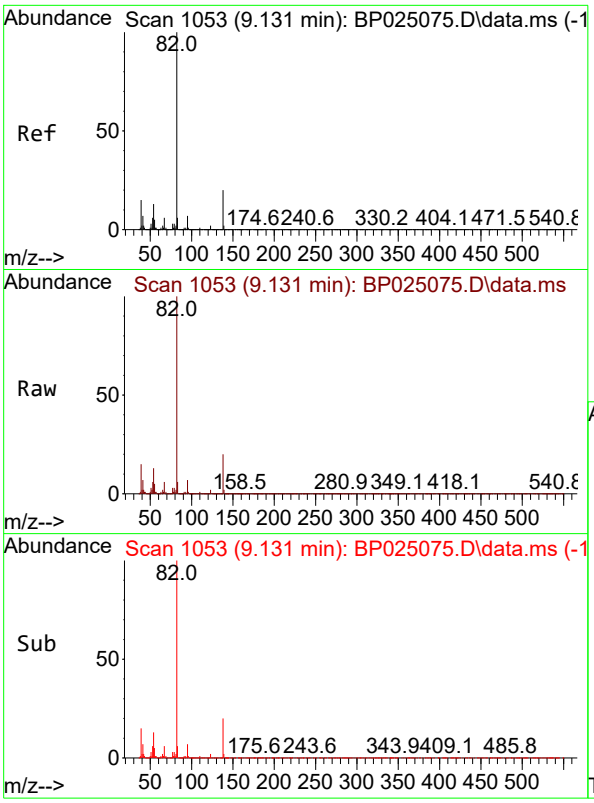


#24
Nitrobenzene
Concen: 40.457 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 966724

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.6
65	13.4	10.7	16.1

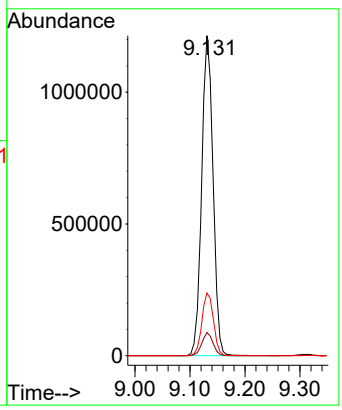




#25
Isophorone
Concen: 39.740 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 82 Resp: 174224

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.6	15.7	23.5



Instrument :
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ClientSampleId :
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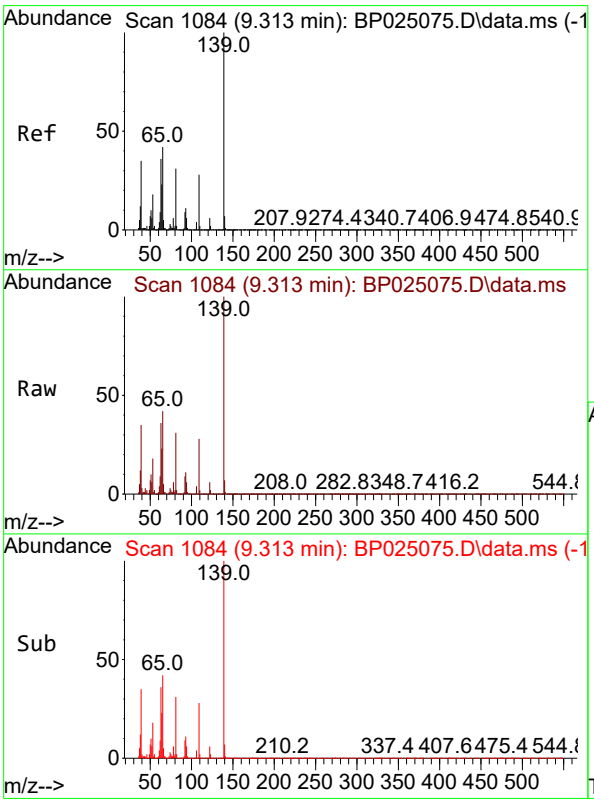
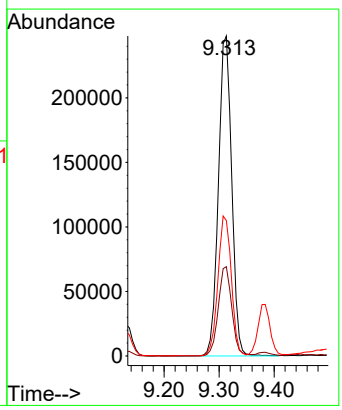
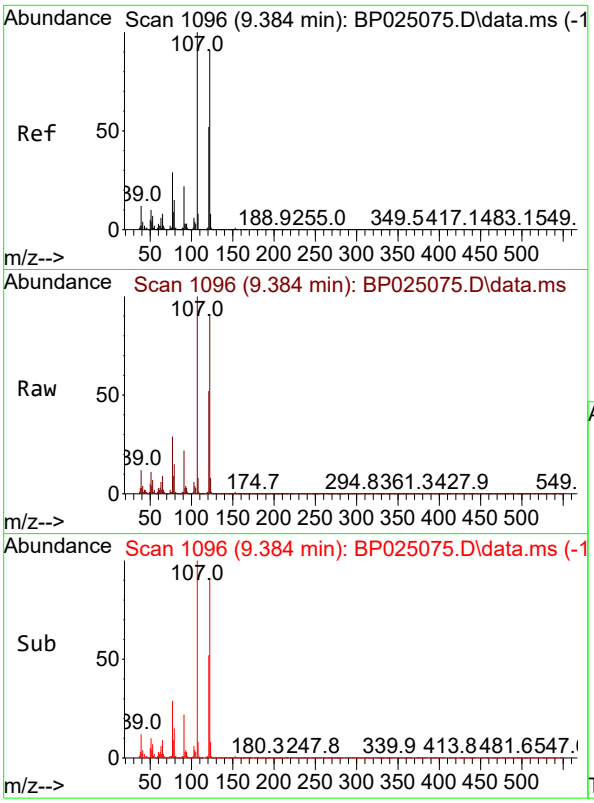


#26
2-Nitrophenol
Concen: 36.734 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 416304

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	42.3	33.8	50.8

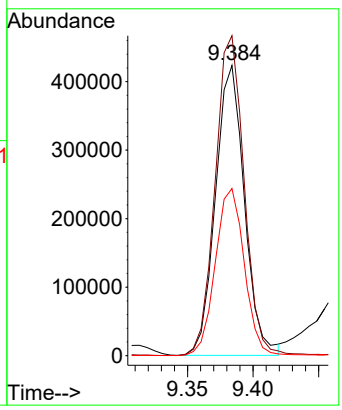




#27
2,4-Dimethylphenol
Concen: 39.698 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 64922

Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.2	132.2
121	57.6	46.1	69.1



Instrument :
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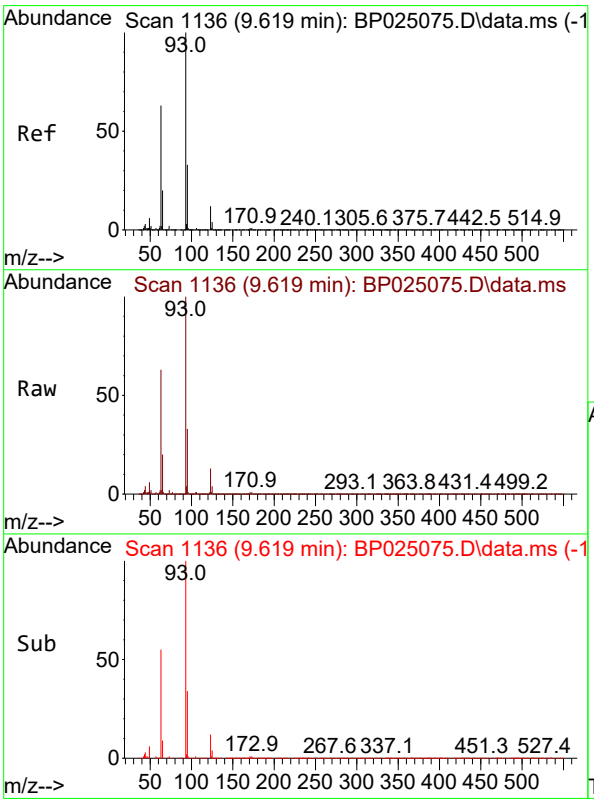
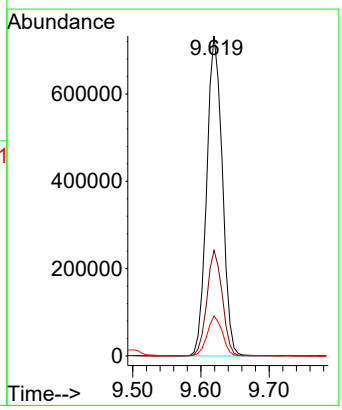
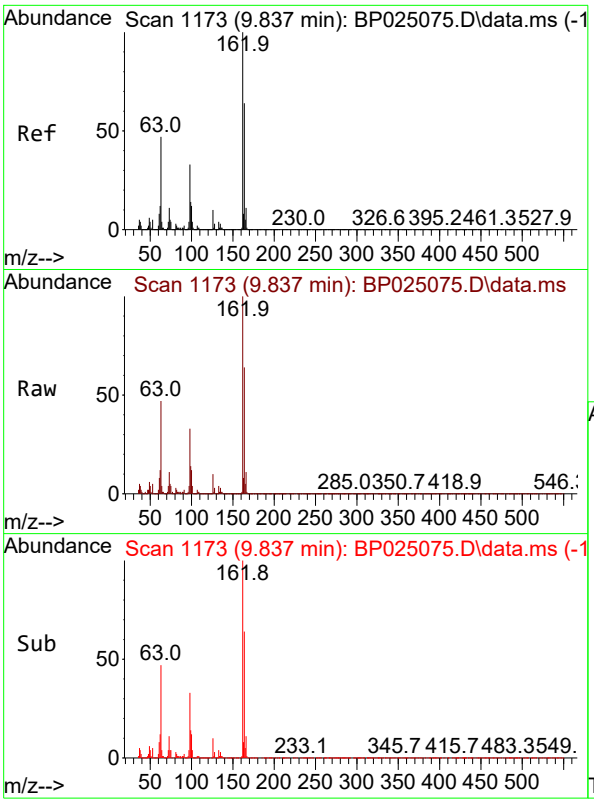


#28
bis(2-Chloroethoxy)methane
Concen: 39.172 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1166063

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.6	10.1	15.1

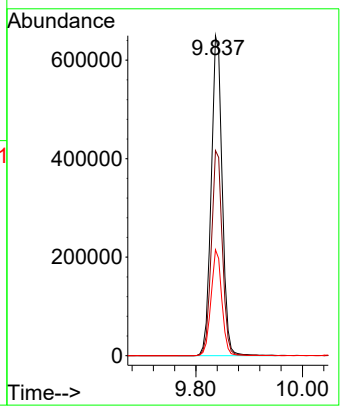




#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:162 Resp: 93255

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	33.1	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
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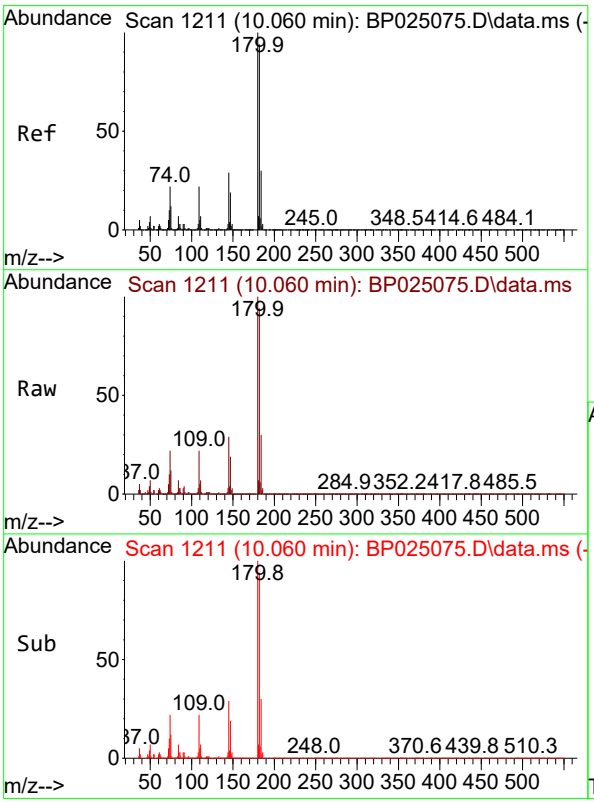
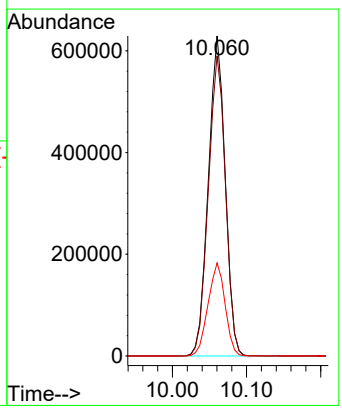
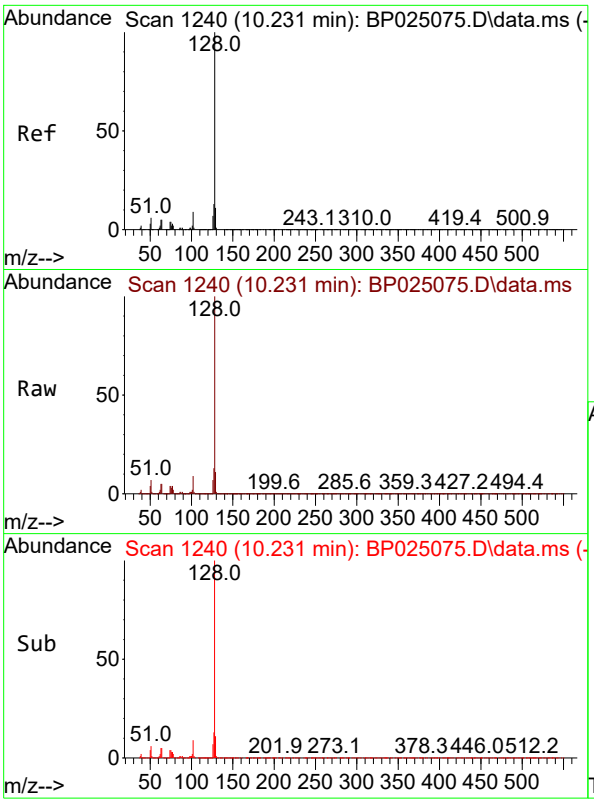


#30
1,2,4-Trichlorobenzene
Concen: 39.625 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:180 Resp: 995067

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	29.1	23.3	34.9

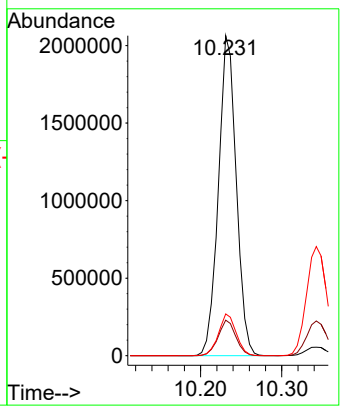




#31
Naphthalene
Concen: 39.276 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 315525

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

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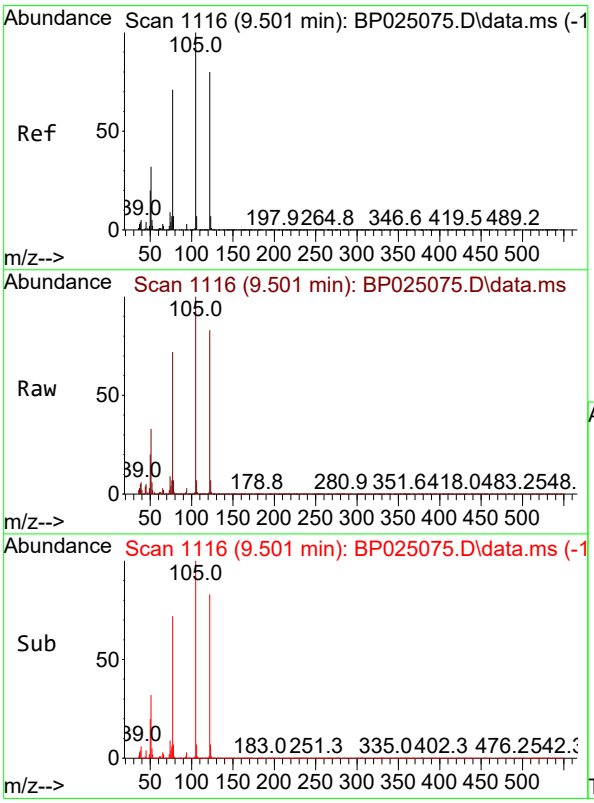
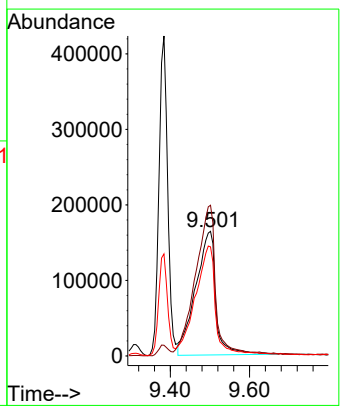
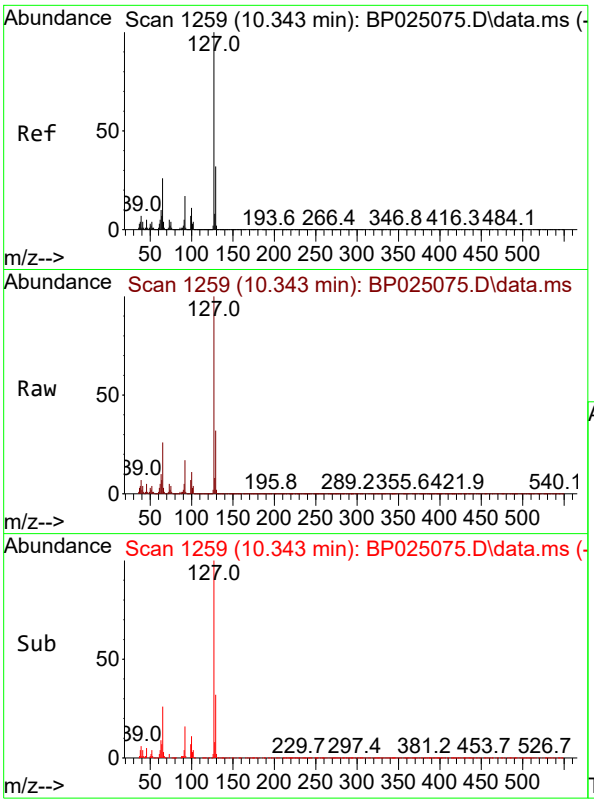


#32
Benzoic acid
Concen: 38.533 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 581334

Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.0	141.0
77	87.6	67.6	107.6

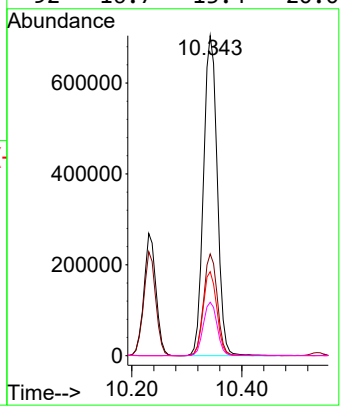




#33
4-Chloroaniline
Concen: 40.595 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:127 Resp: 121705

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	26.3	21.0	31.6
92	16.7	13.4	20.0



Instrument :
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ClientSampleId :
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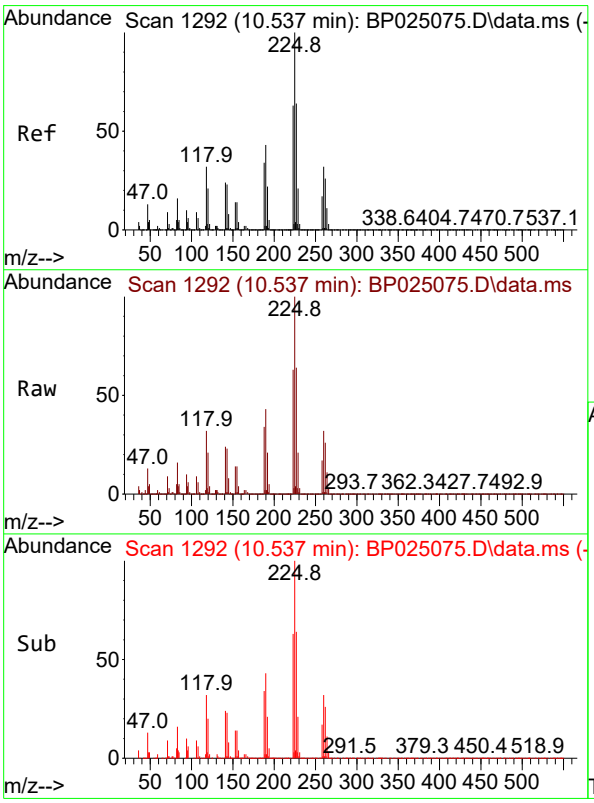
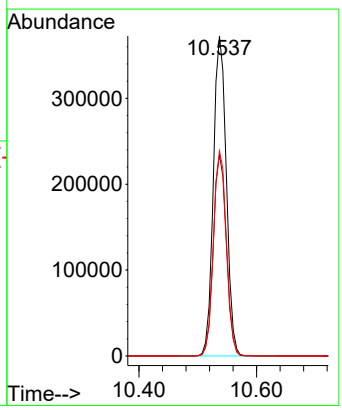
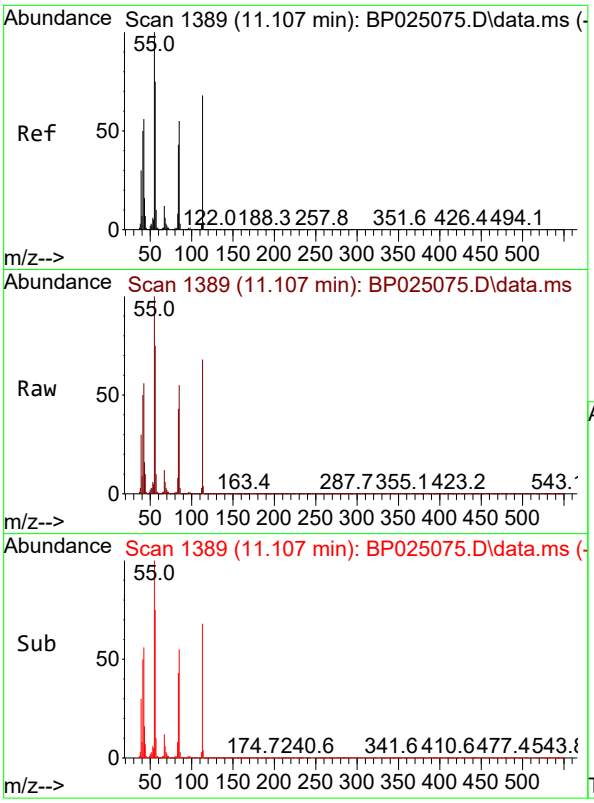


#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:225 Resp: 567921

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	64.1	51.3	76.9

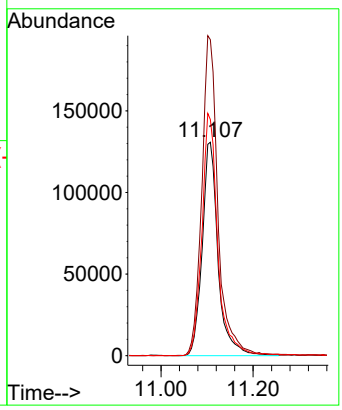




#35
Caprolactam
Concen: 40.469 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:113 Resp: 31394

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	110.7	90.7	130.7



Instrument :
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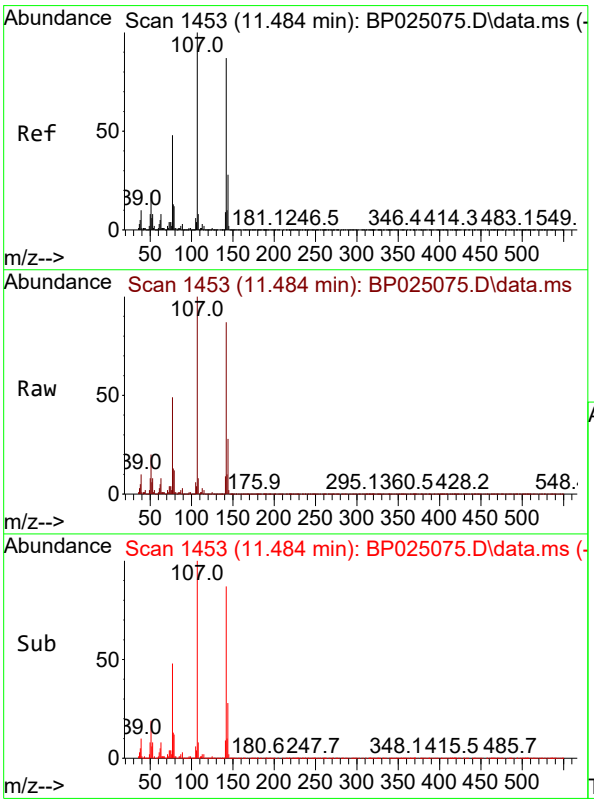
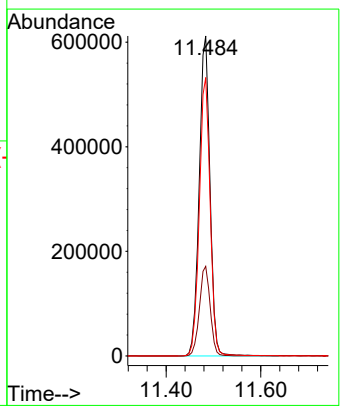
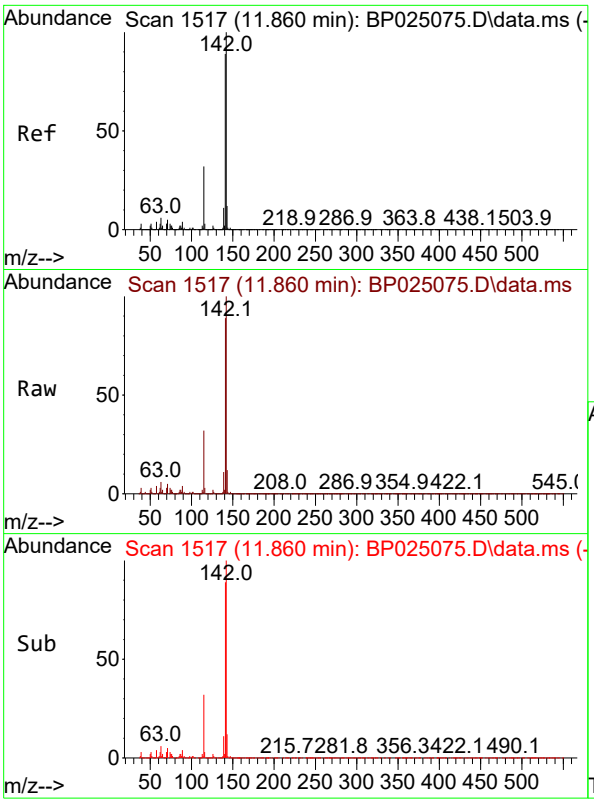


#36
4-Chloro-3-methylphenol
Concen: 40.733 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 965263

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.0	69.6	104.4

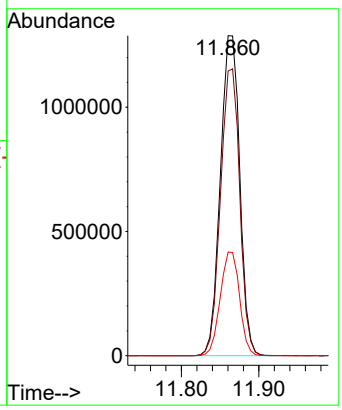




#37
2-Methylnaphthalene
Concen: 39.530 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 224064

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	32.4	25.9	38.9



Instrument :
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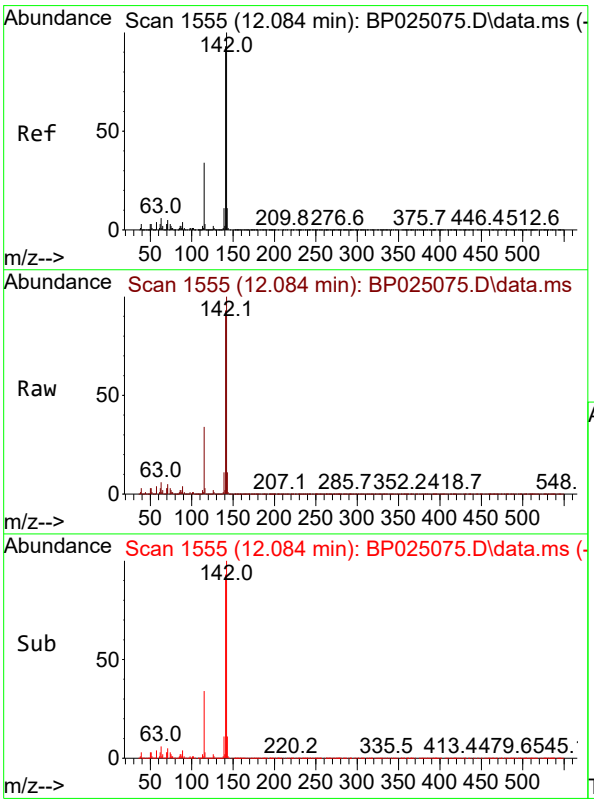
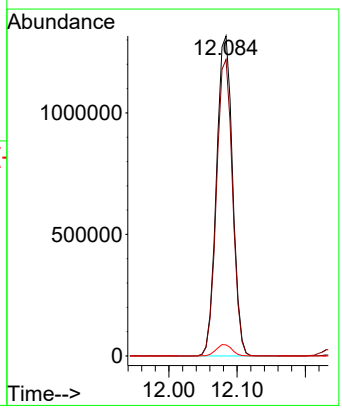
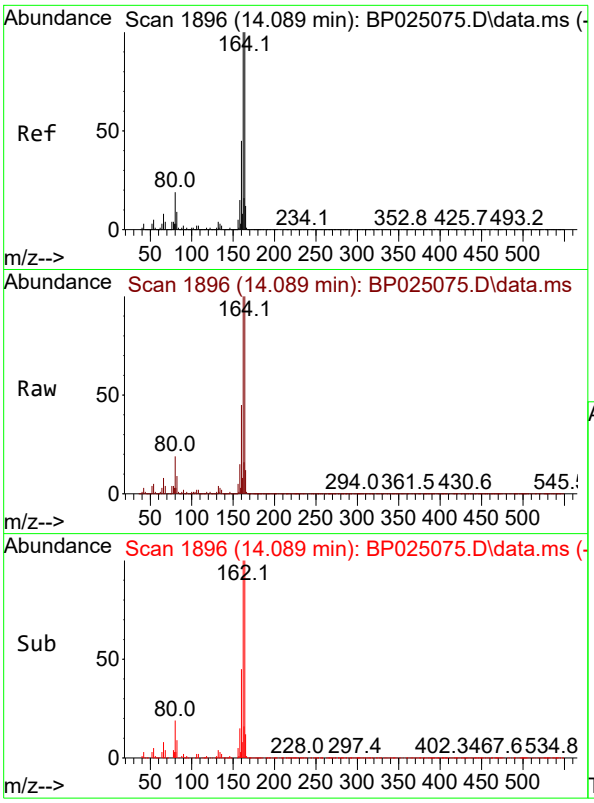


#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 2158945

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	3.4	2.7	4.1

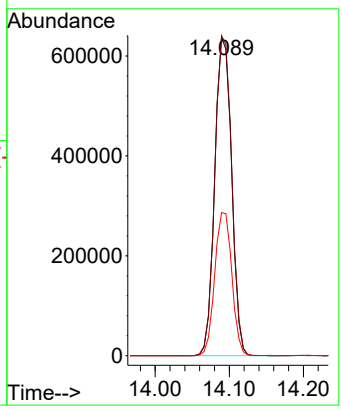




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:164 Resp: 100310

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.9	35.9	53.9



Instrument :
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ClientSampleId :
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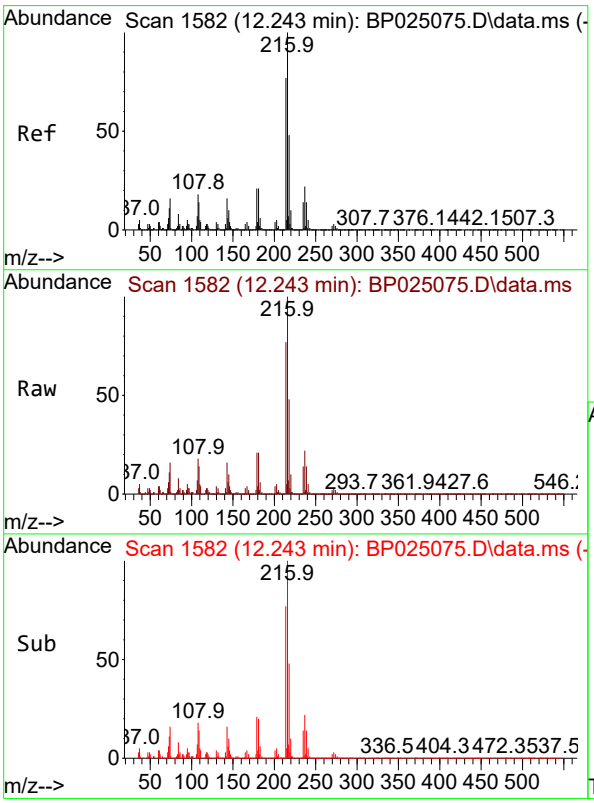
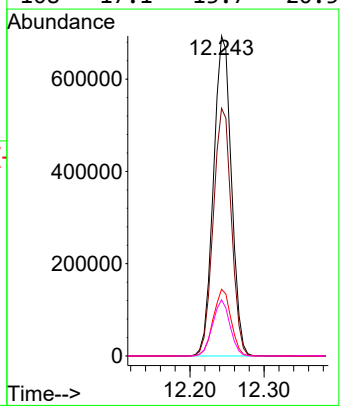
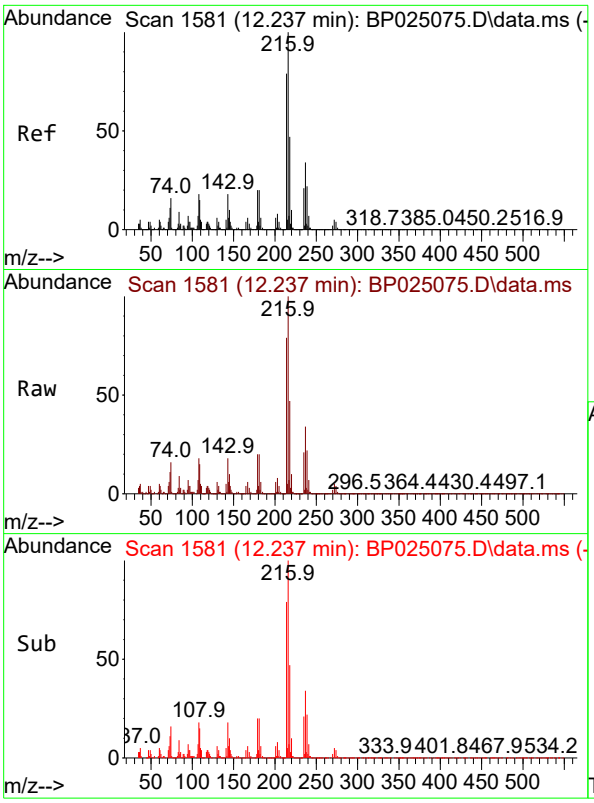


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.396 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:216 Resp: 1164588

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.6	16.5	24.7
108	17.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 29891

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.6	0.0	33.6

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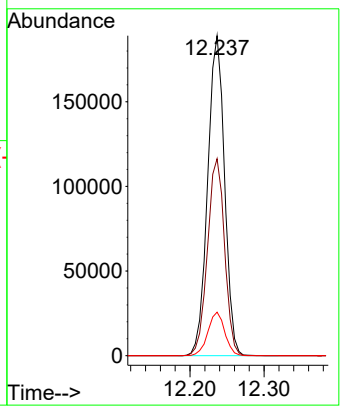
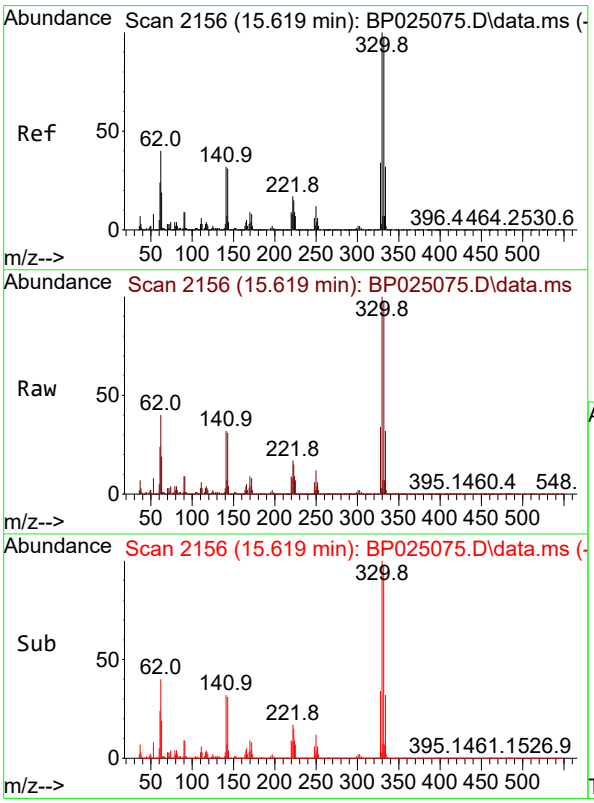
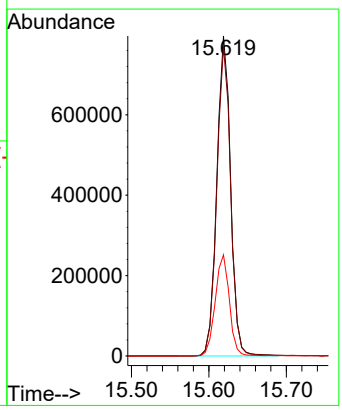


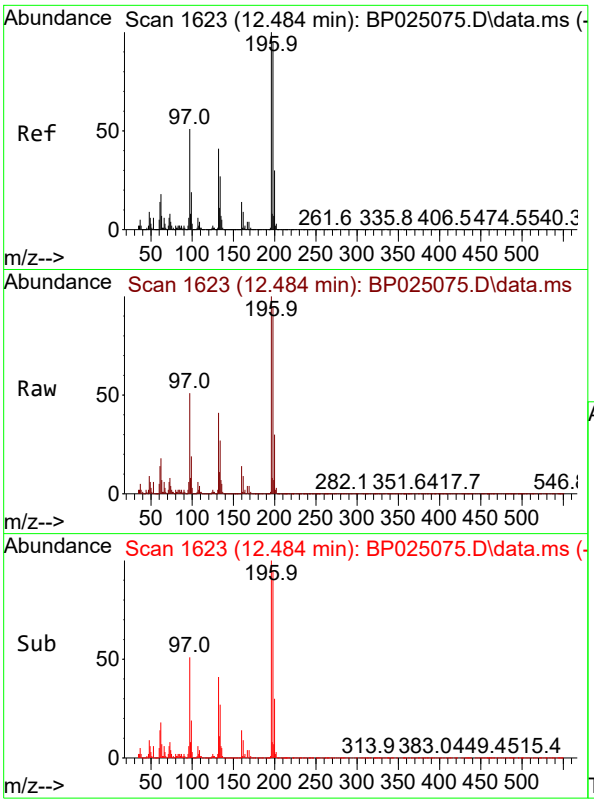


#42
2,4,6-Tribromophenol
Concen: 83.301 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:330 Resp: 987112

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.5	26.0	39.0

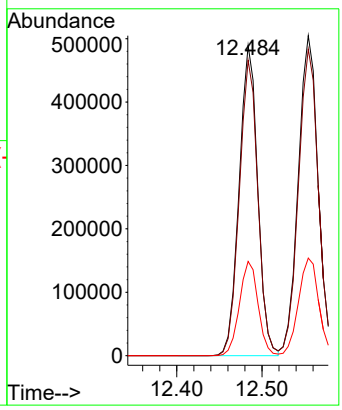




#43
2,4,6-Trichlorophenol
Concen: 42.497 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 74183

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.4	24.3	36.5



Instrument :
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ClientSampleId :
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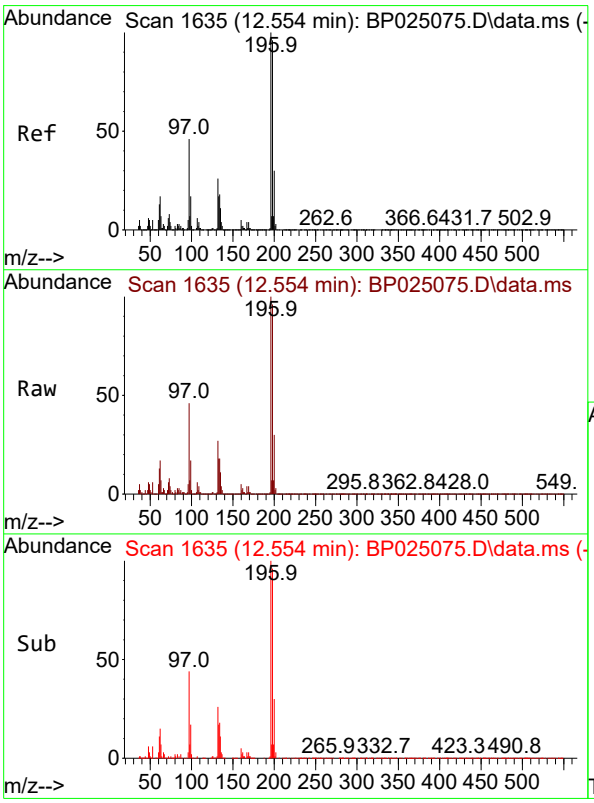
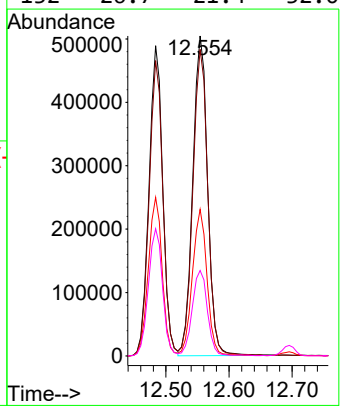
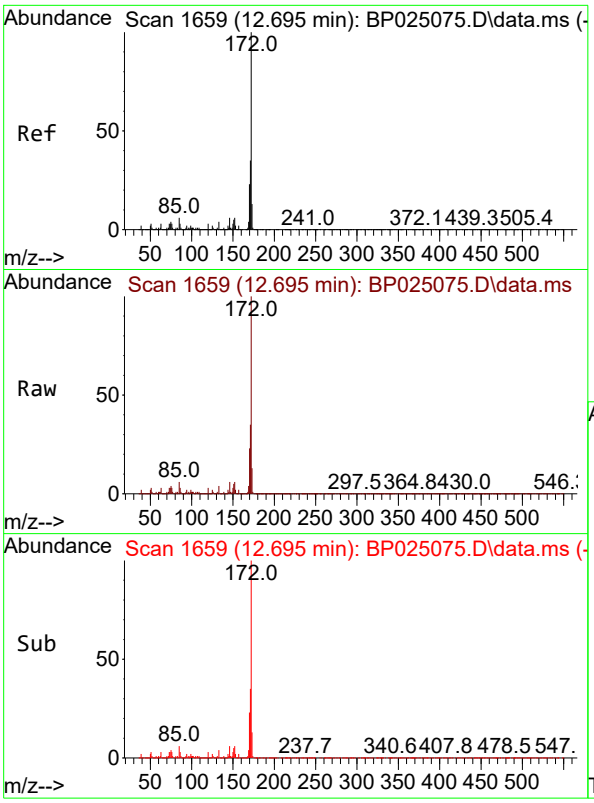


#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 824324

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	45.8	36.6	55.0
132	26.7	21.4	32.0

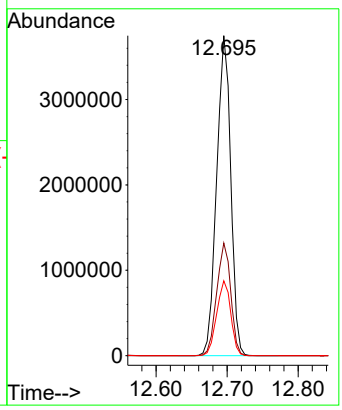




#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:172 Resp: 513252

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.7	28.1



Instrument :
BNA_P
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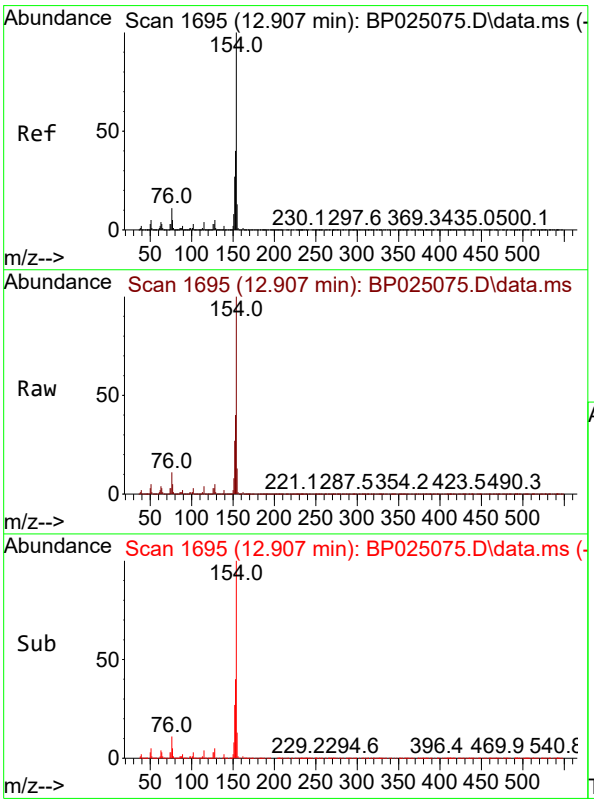
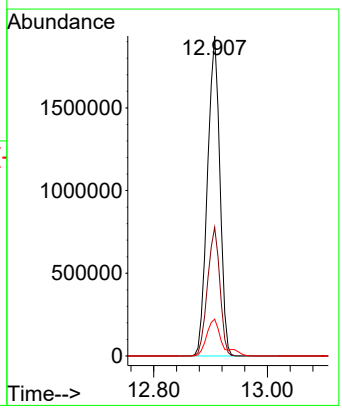
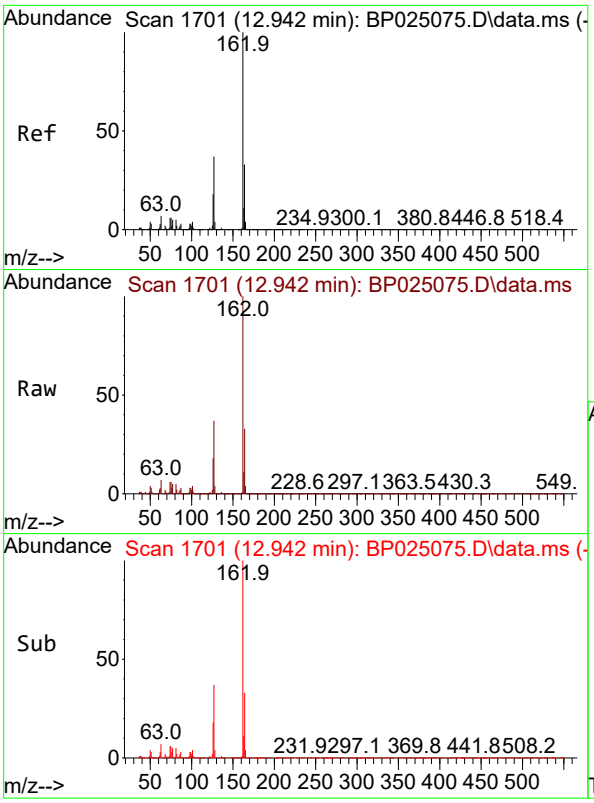


#46
1,1'-Biphenyl
Concen: 39.957 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2916222

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.5	0.0	31.5

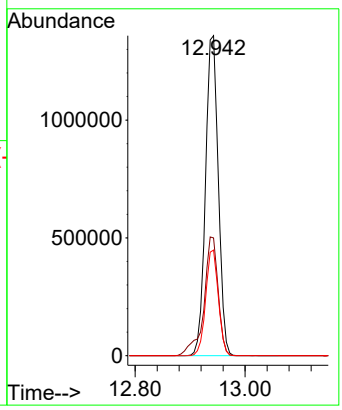




#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:162 Resp: 218823

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	33.0	26.4	39.6



Instrument :
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ClientSampleId :
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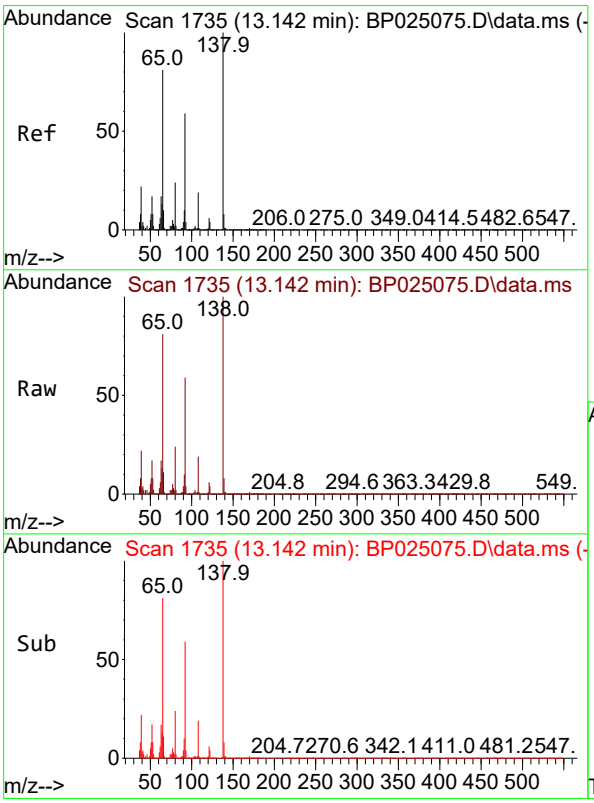
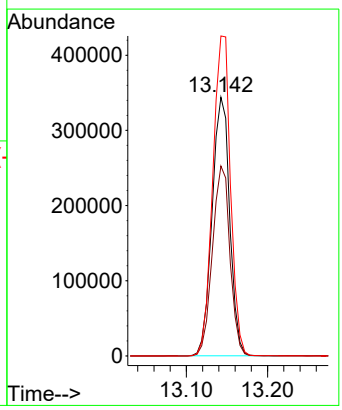
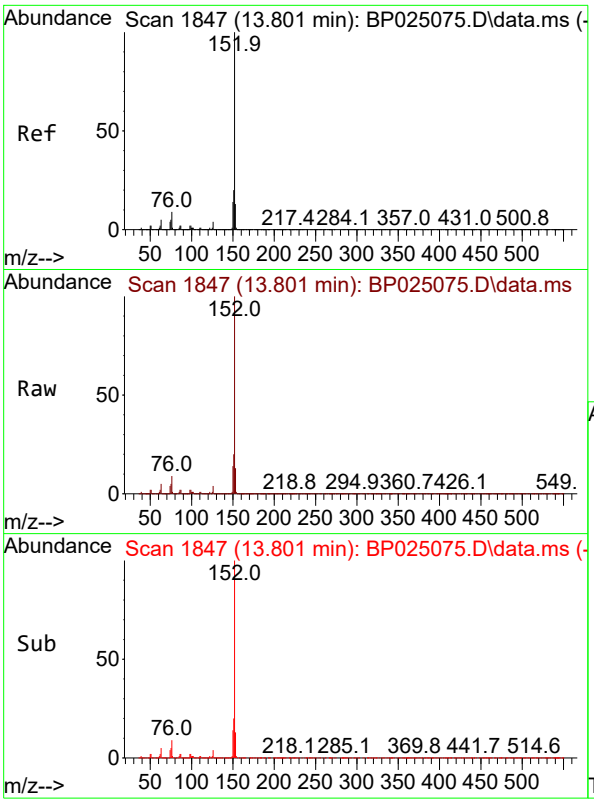


#48
2-Nitroaniline
Concen: 39.182 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 65 Resp: 519267

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	123.7	99.0	148.4

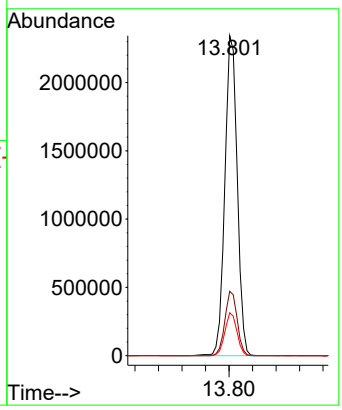




#49
Acenaphthylene
Concen: 40.657 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:152 Resp: 341348

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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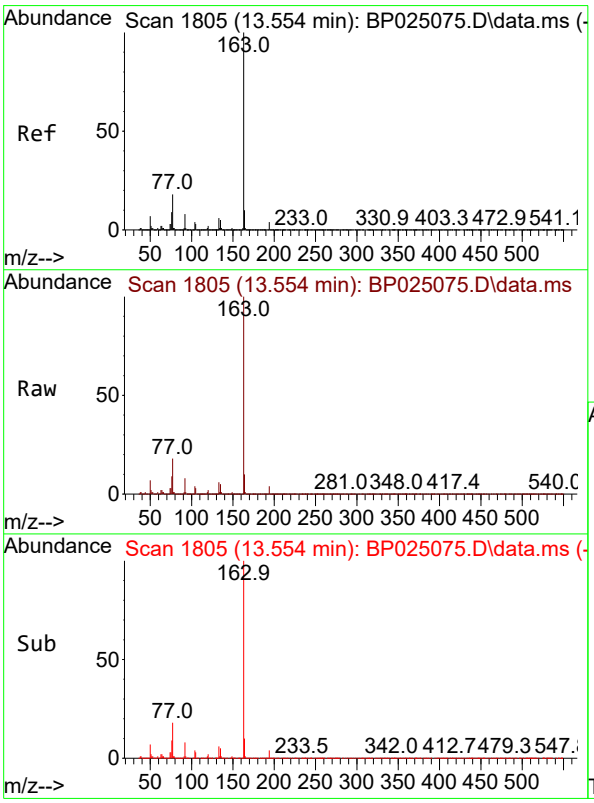
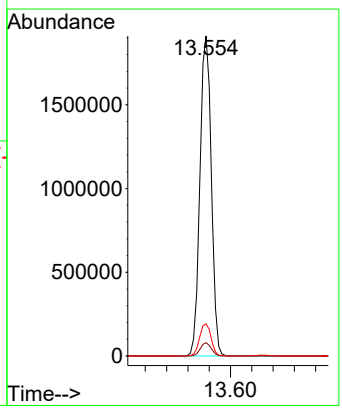
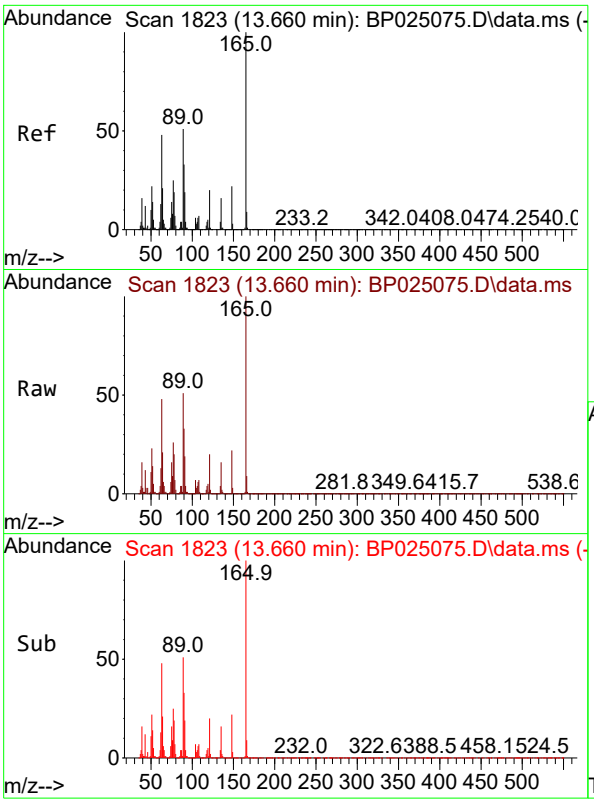


#50
Dimethylphthalate
Concen: 40.234 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:163 Resp: 2825141

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0

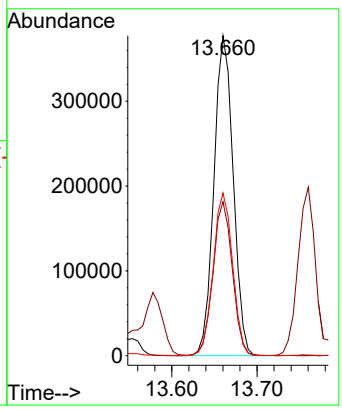




#51
2,6-Dinitrotoluene
Concen: 43.253 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:165 Resp: 59232

Ion	Ratio	Lower	Upper
165	100		
63	48.1	38.5	57.7
89	50.8	40.6	61.0



Instrument :
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ClientSampleId :
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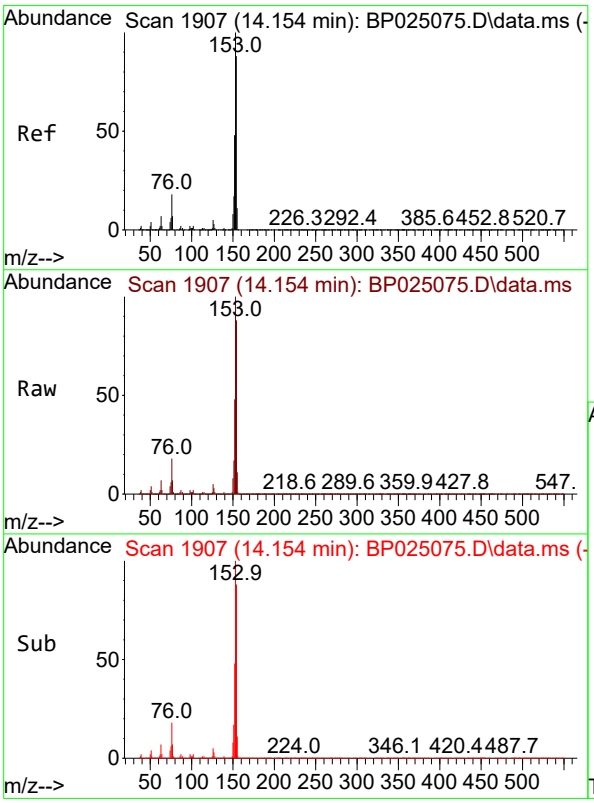
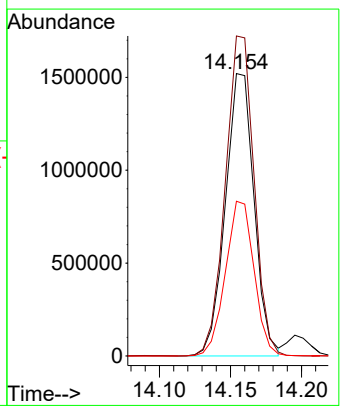
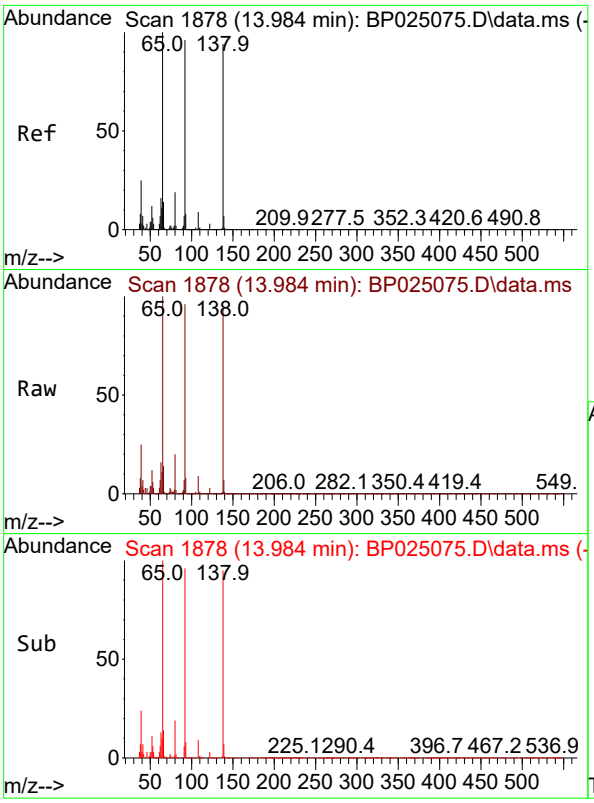


#52
Acenaphthene
Concen: 39.537 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2139419

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	54.8	43.8	65.8





#53
3-Nitroaniline
Concen: 43.937 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 64483

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	101.2	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
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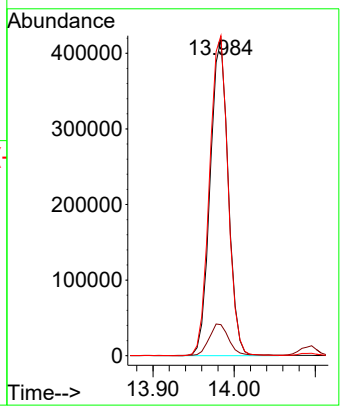
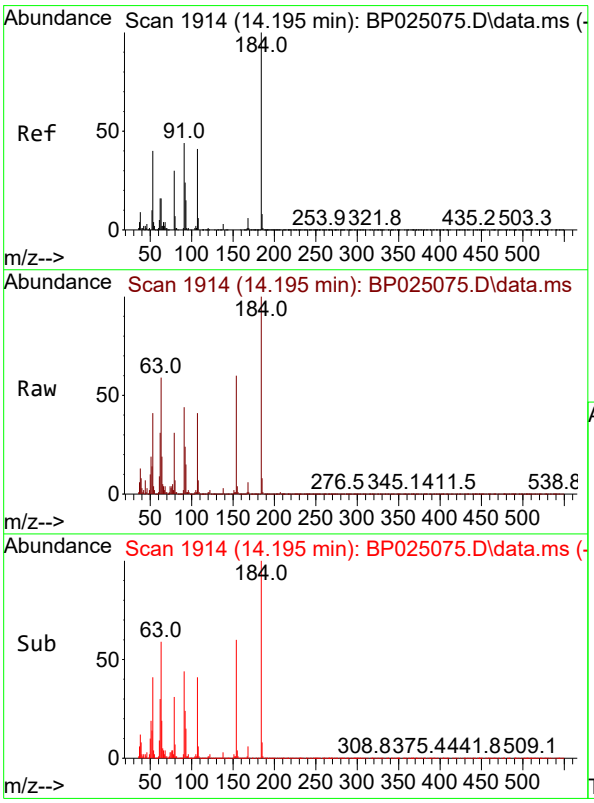
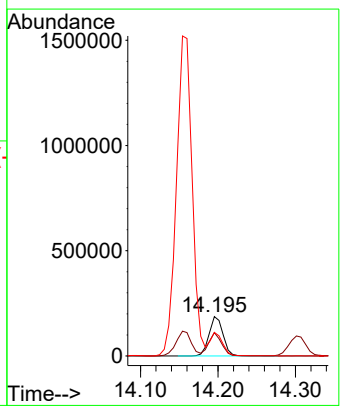


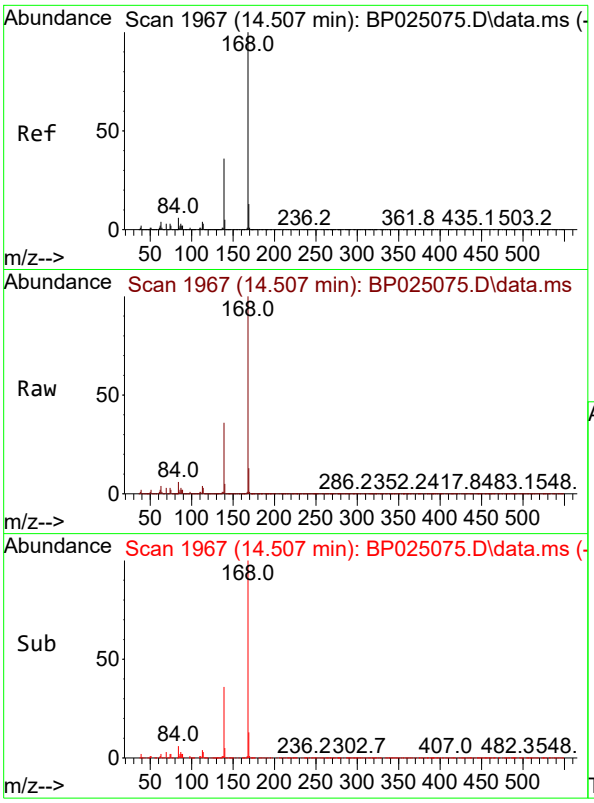


#54
2,4-Dinitrophenol
Concen: 38.110 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 234827

Ion	Ratio	Lower	Upper
184	100		
63	59.2	47.4	71.0
154	59.8	47.8	71.8

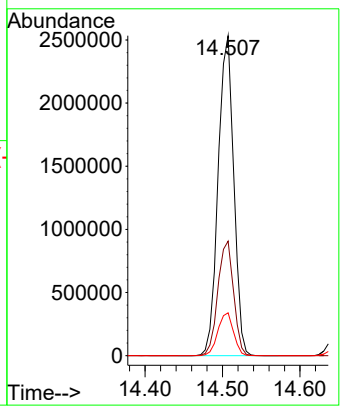




#55
Dibenzofuran
Concen: 39.719 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:168 Resp: 354710

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	13.4	10.7	16.1



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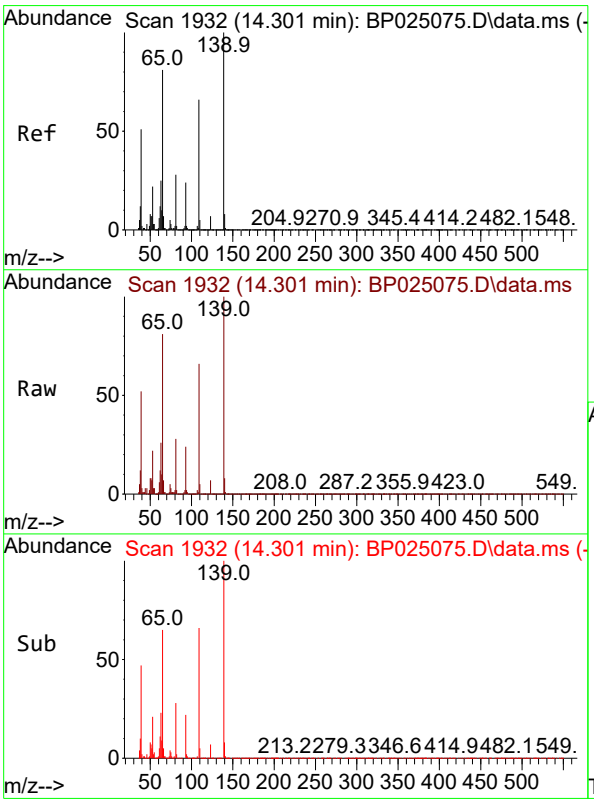
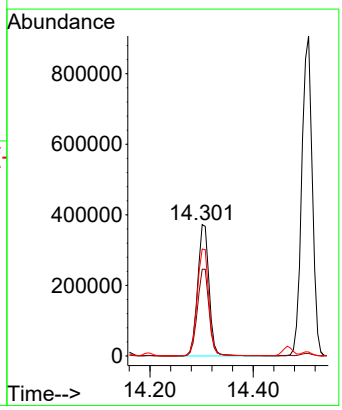
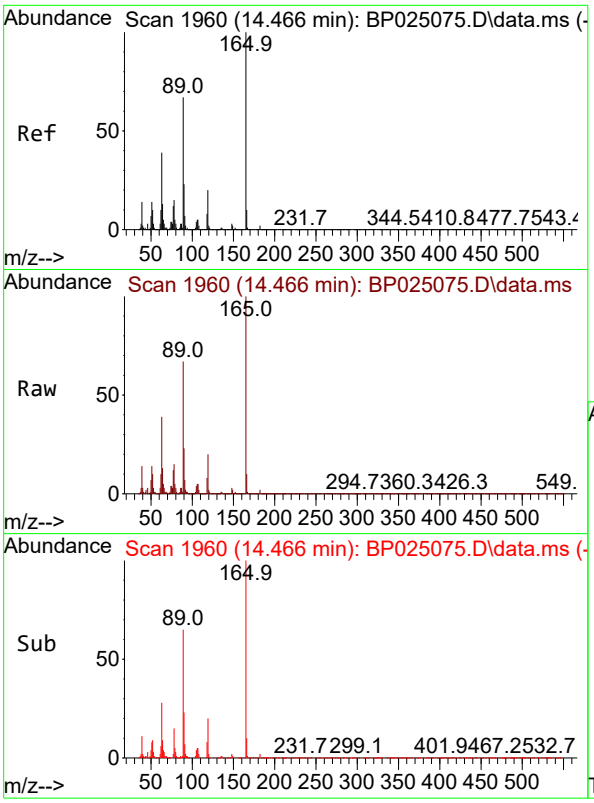


#56
4-Nitrophenol
Concen: 42.263 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 572405

Ion	Ratio	Lower	Upper
139	100		
109	65.9	45.9	85.9
65	81.4	61.4	101.4

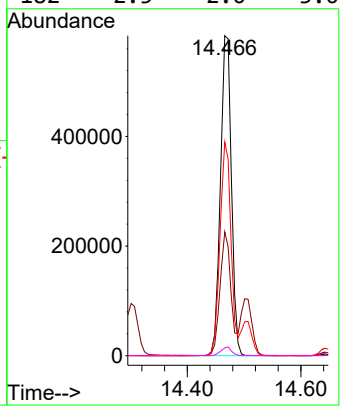




#57
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:165 Resp: 78548

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.4
89	66.7	53.4	80.0
182	2.5	2.0	3.0



Instrument :
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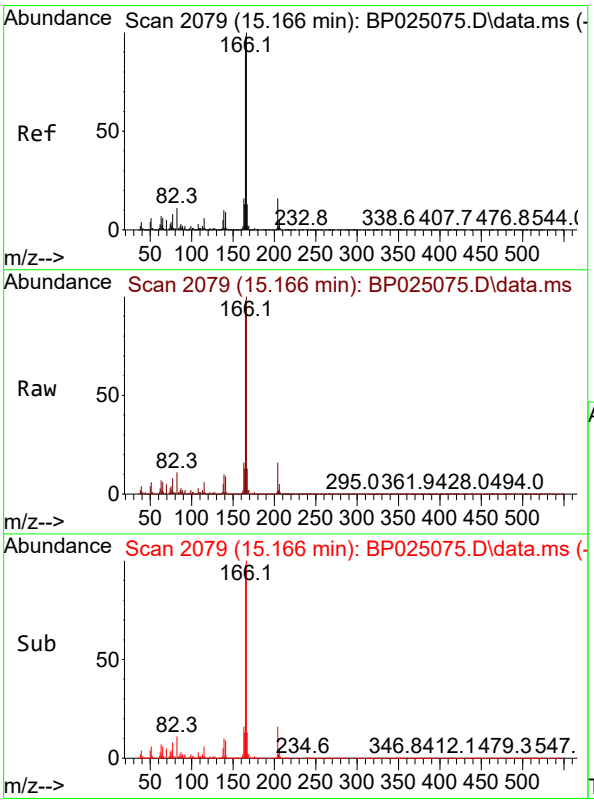
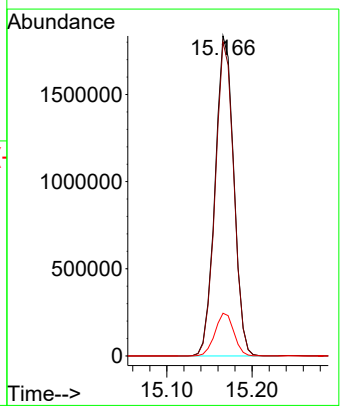
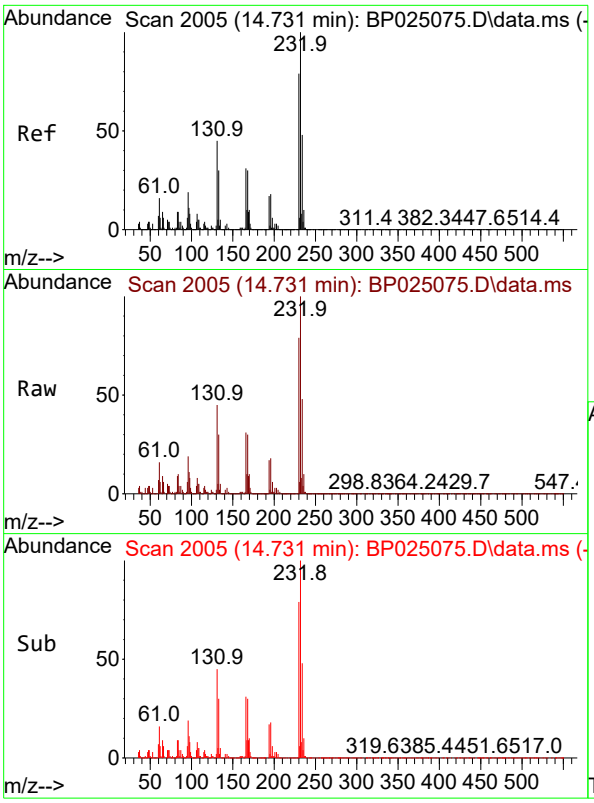


#58
Fluorene
Concen: 40.454 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:166 Resp: 2794372

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.7	16.1

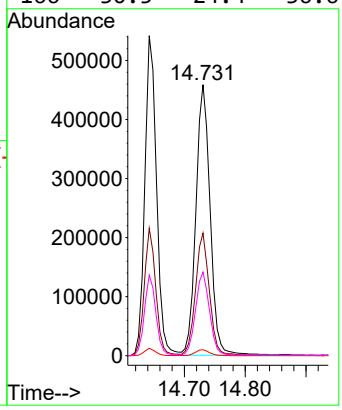




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:232 Resp: 74272

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.7	53.5
130	2.2	1.8	2.6
166	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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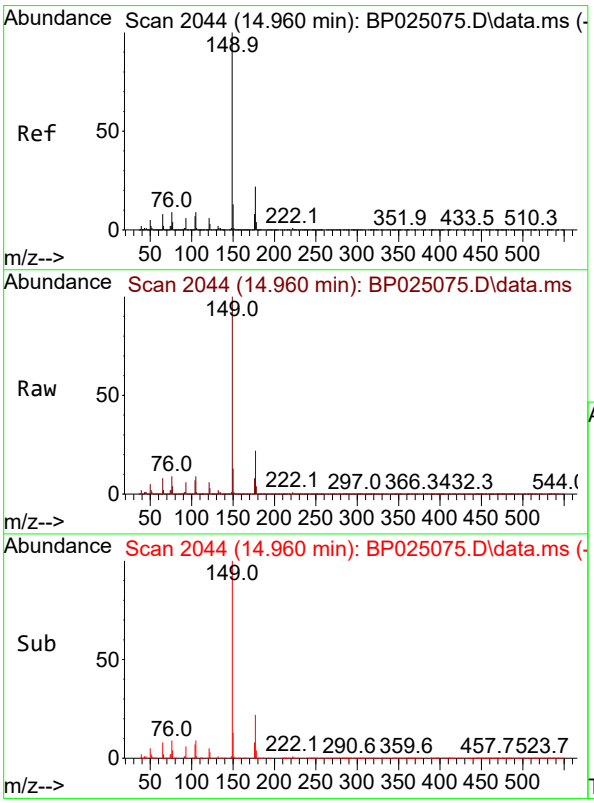
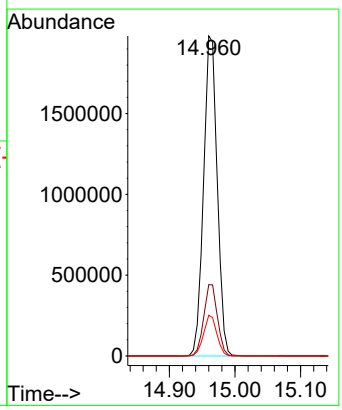
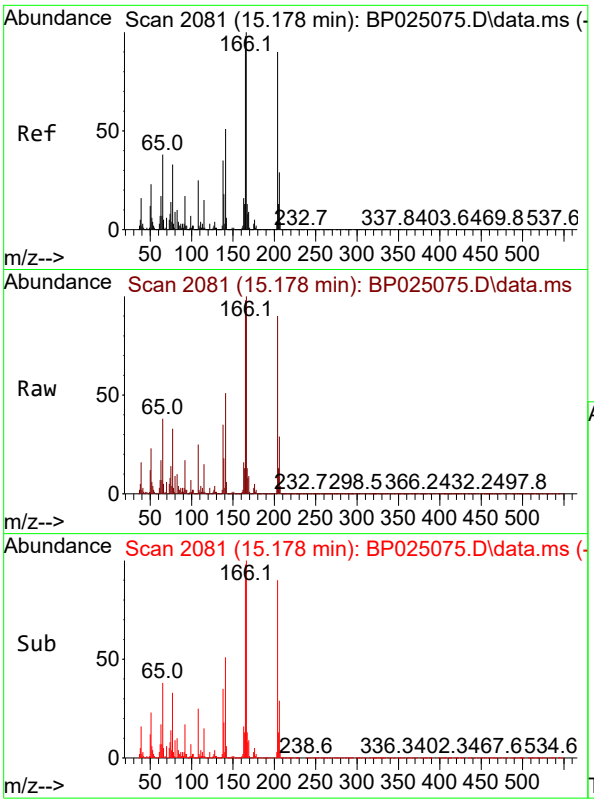


#60
Diethylphthalate
Concen: 40.639 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 2866041

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.829 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 136153

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	56.4	45.1	67.7

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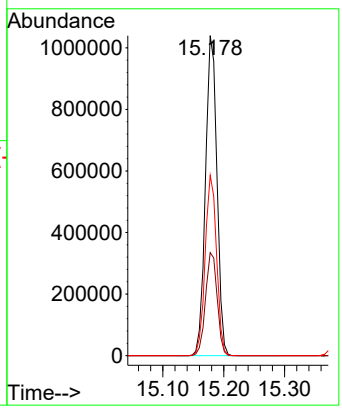
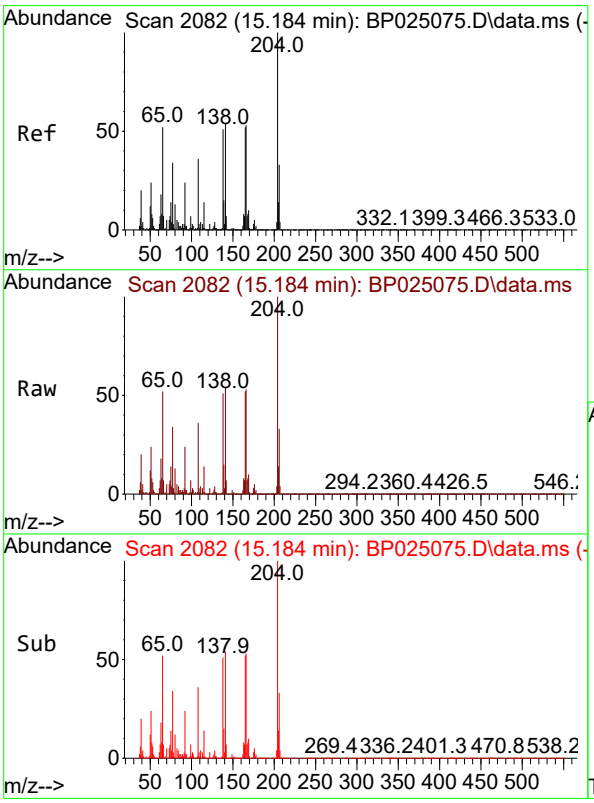
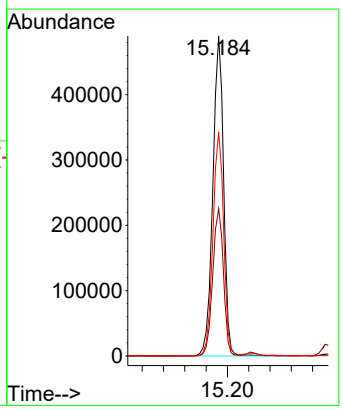


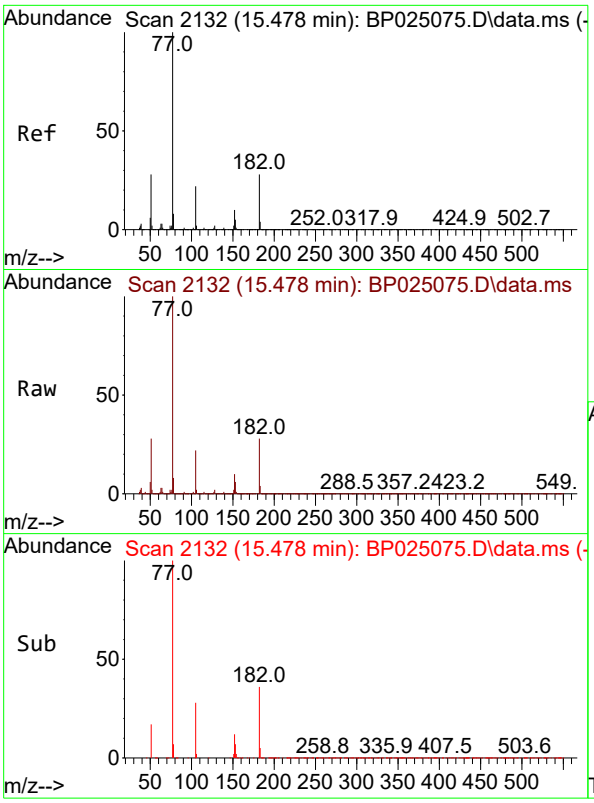


#62
4-Nitroaniline
Concen: 44.618 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 686633

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	70.0	50.0	90.0

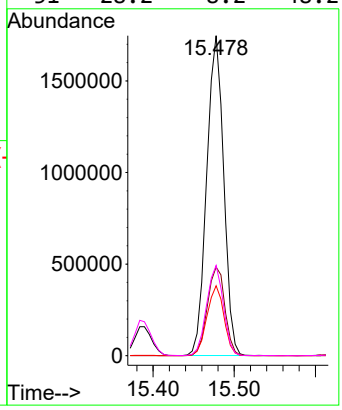




#63
Azobenzene
Concen: 40.400 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 253714

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	28.2	8.2	48.2



Instrument :
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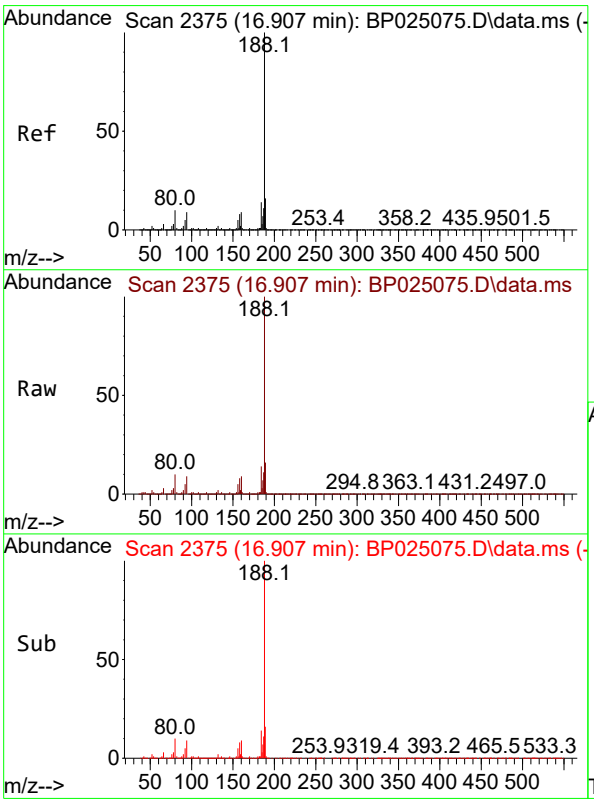
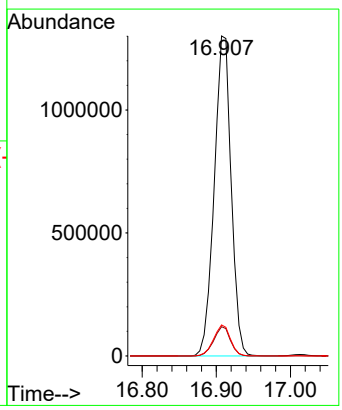
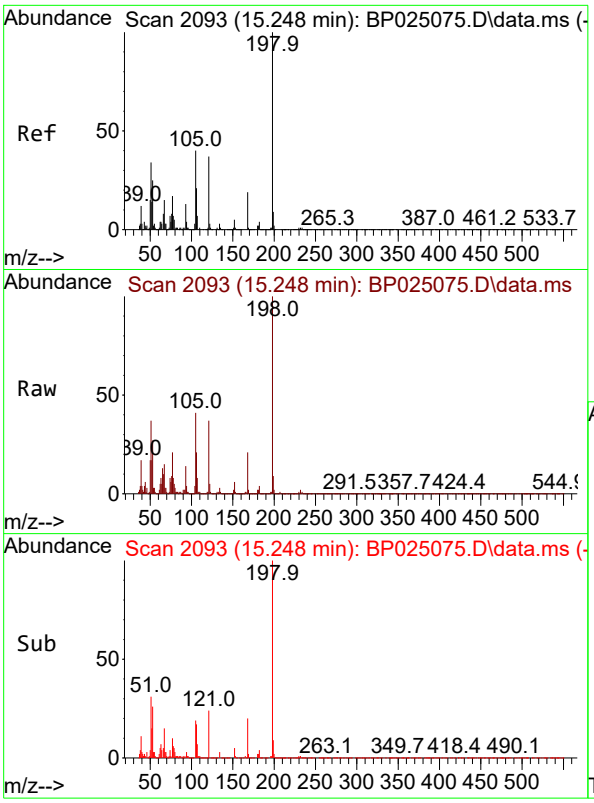


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:188 Resp: 2062708

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.7	7.8	11.6

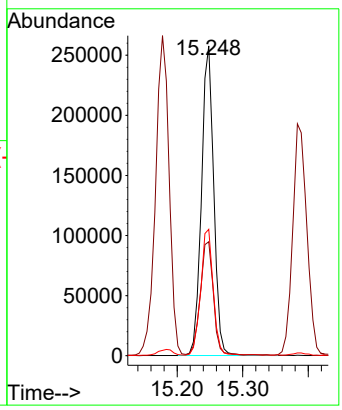




#65
4,6-Dinitro-2-methylphenol
Concen: 37.190 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:198 Resp: 33574

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.8	56.8
105	40.8	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
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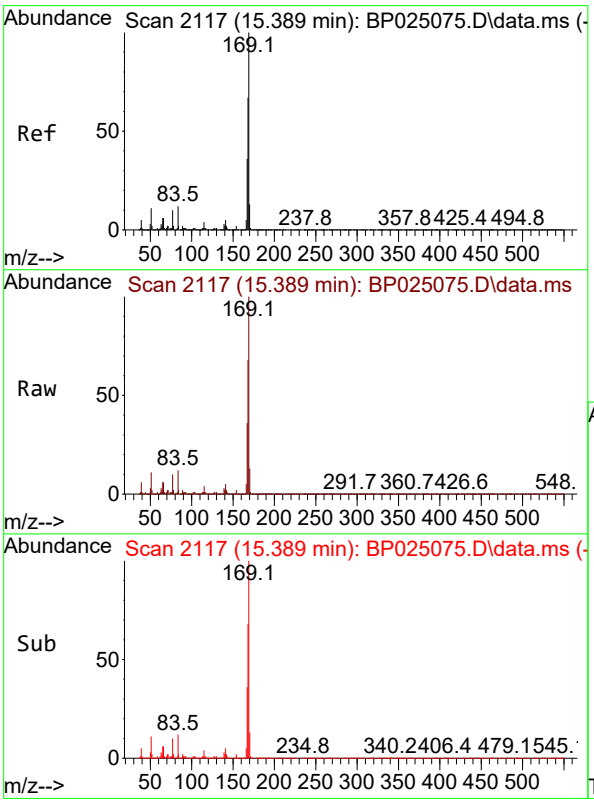
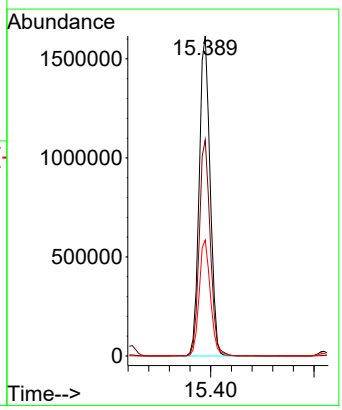
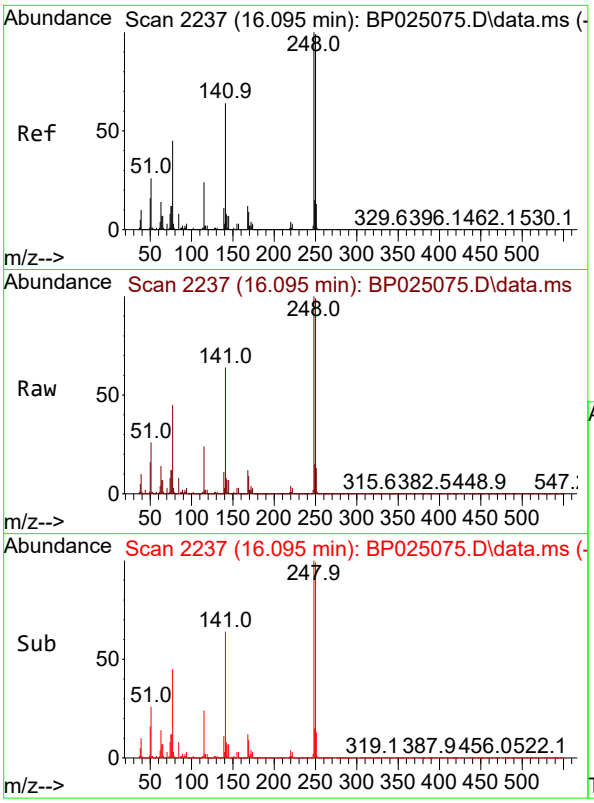


#66
n-Nitrosodiphenylamine
Concen: 40.069 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:169 Resp: 2365317

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.3	29.0	43.6

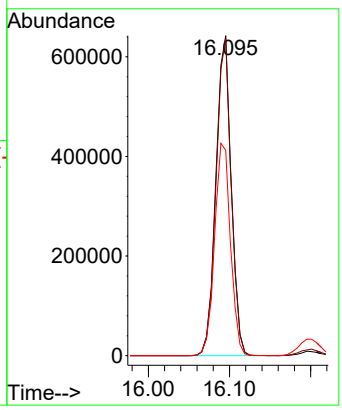




#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:248 Resp: 84396

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	64.2	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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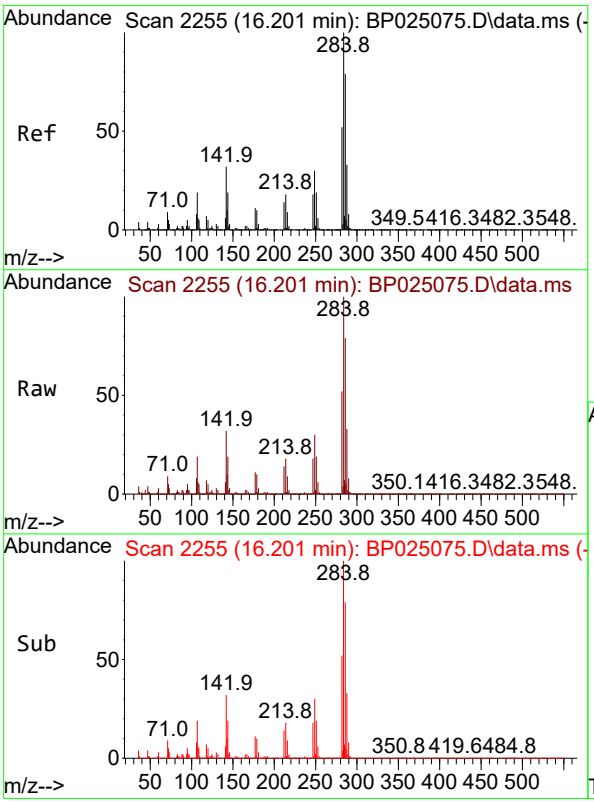
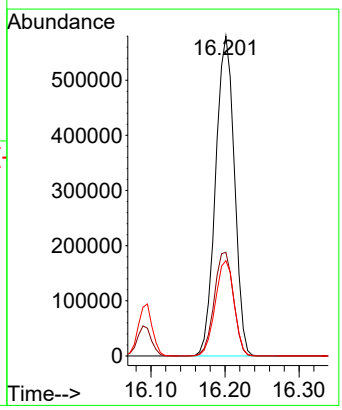
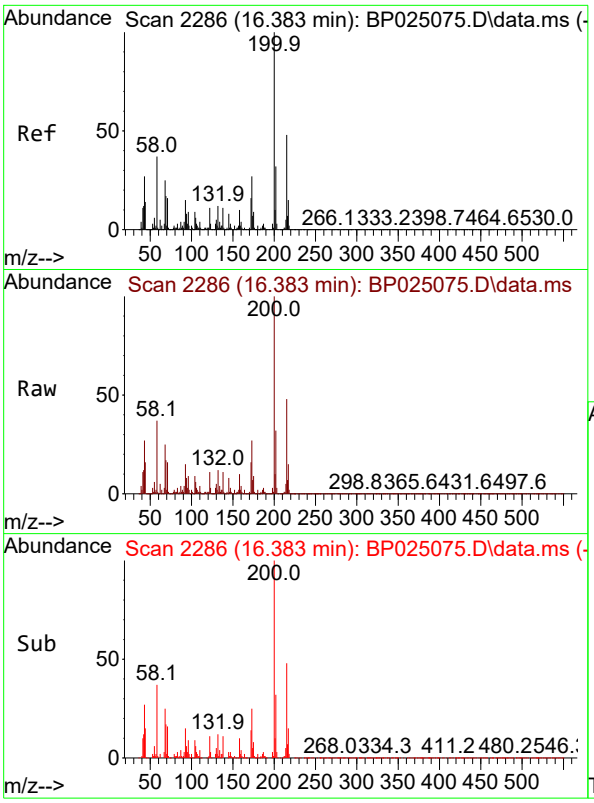


#68
Hexachlorobenzene
Concen: 39.541 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:284 Resp: 1020715

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	29.8	23.8	35.8





#69
Atrazine
Concen: 41.121 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 71132

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.0	28.0	68.0

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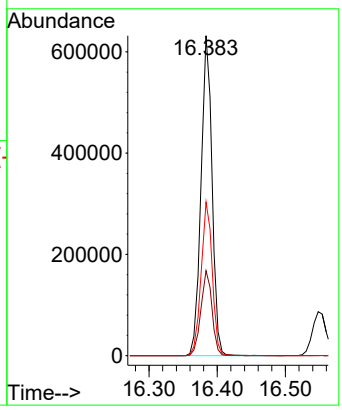
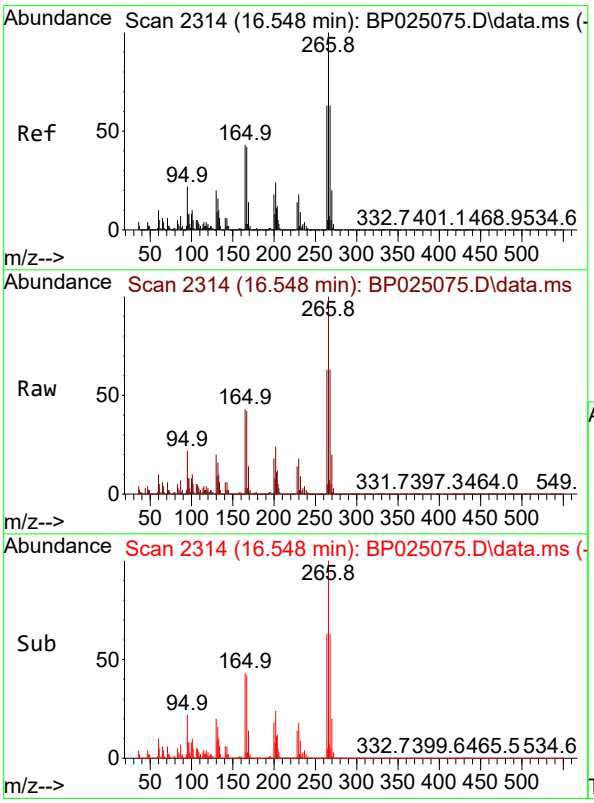
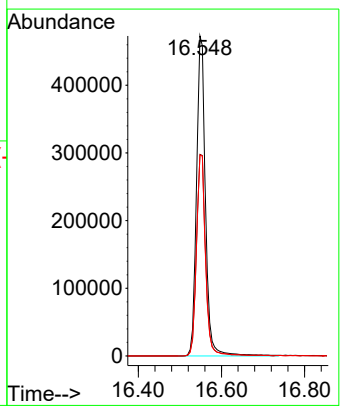


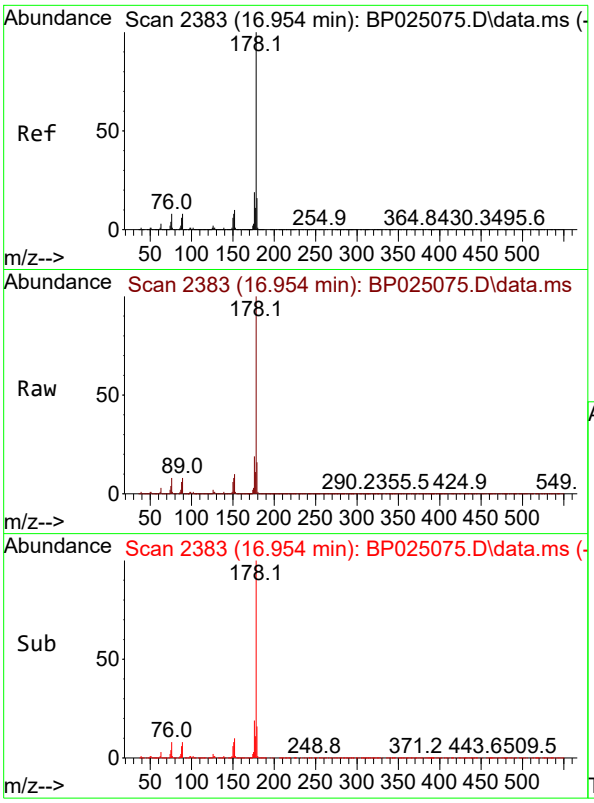


#70
Pentachlorophenol
Concen: 40.604 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:266 Resp: 707874

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.4	75.6
264	62.7	50.2	75.2

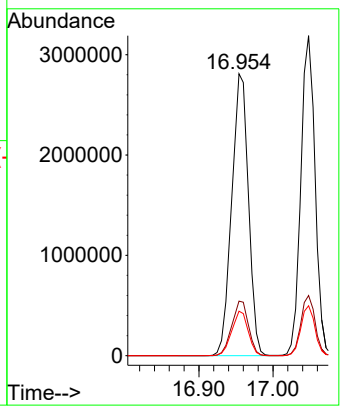




#71
Phenanthrene
Concen: 39.993 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 440798

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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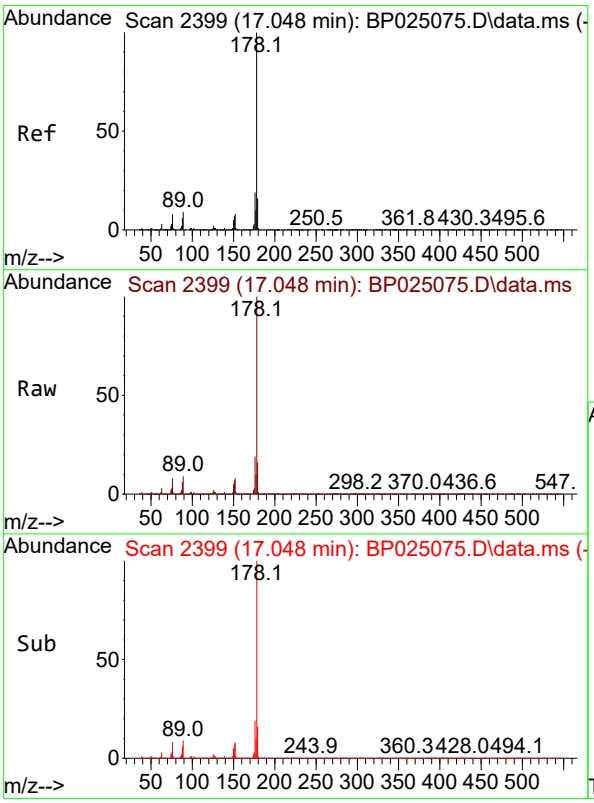
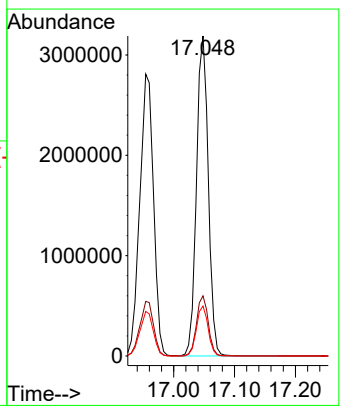
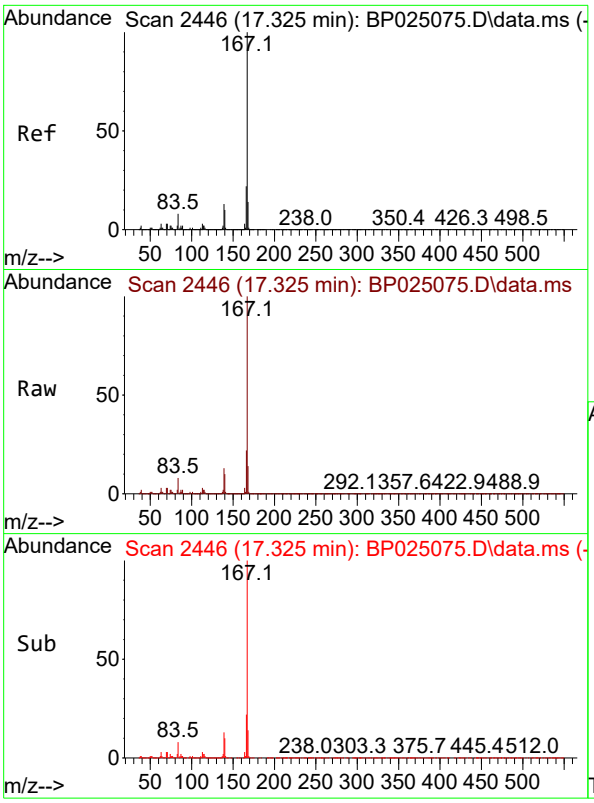


#72
Anthracene
Concen: 40.434 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 4275492

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7

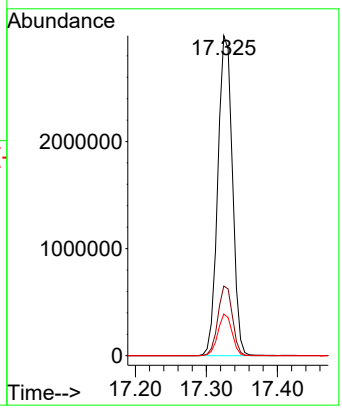




#73
Carbazole
Concen: 41.064 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:167 Resp: 424550

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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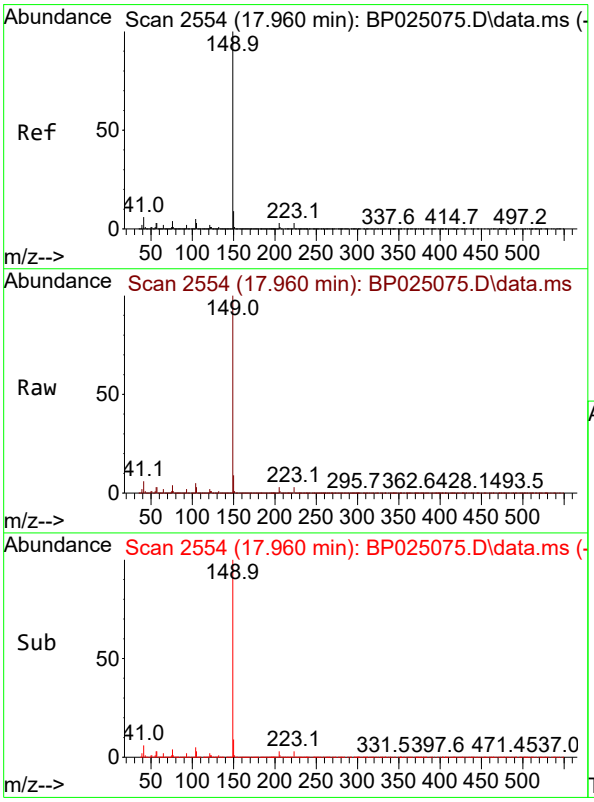
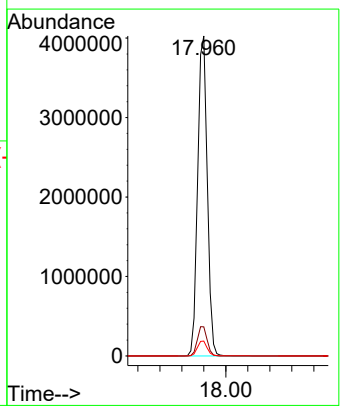
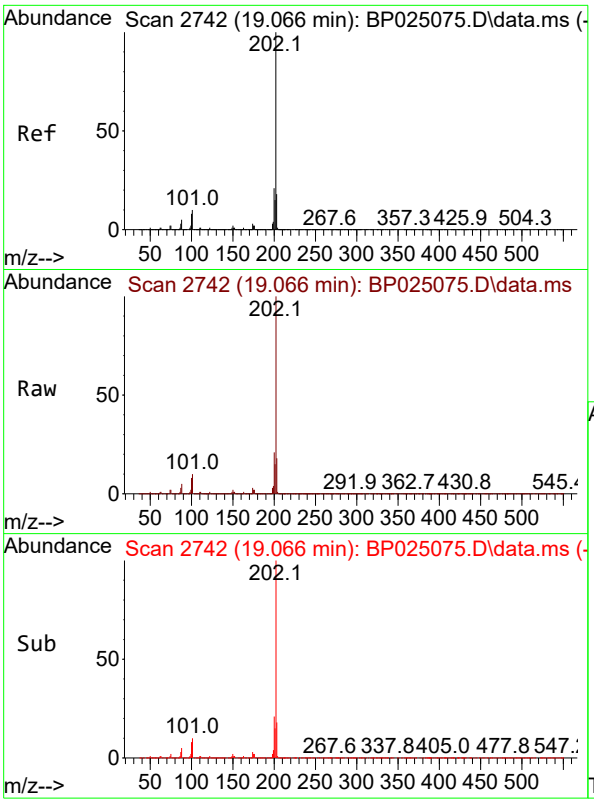


#74
Di-n-butylphthalate
Concen: 42.536 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 4897263

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6

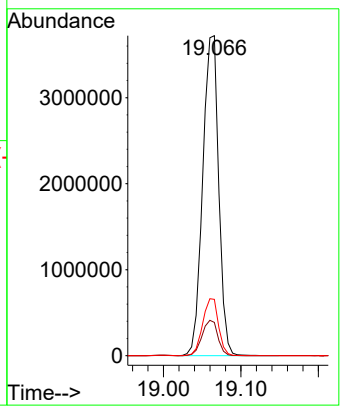




#75
Fluoranthene
Concen: 41.300 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 532090

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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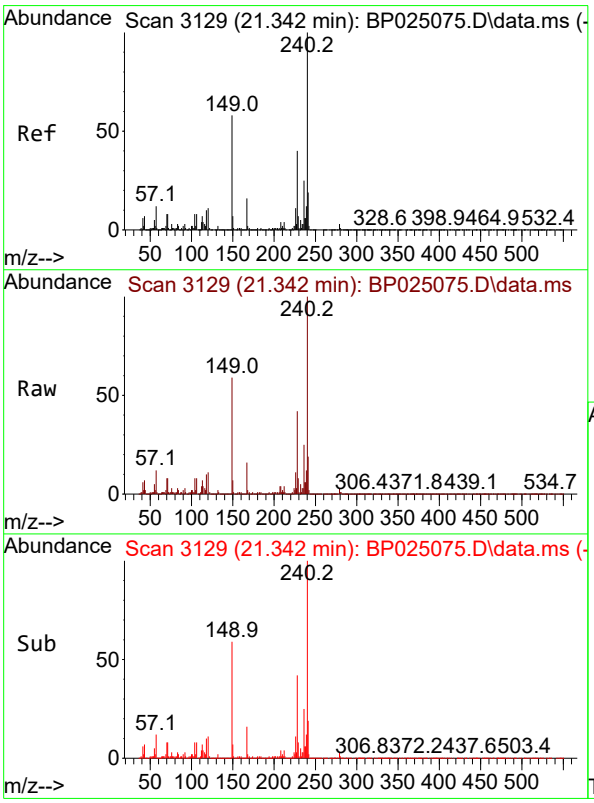
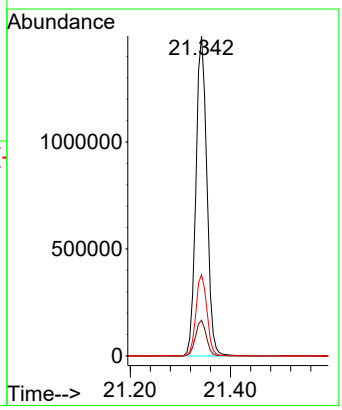
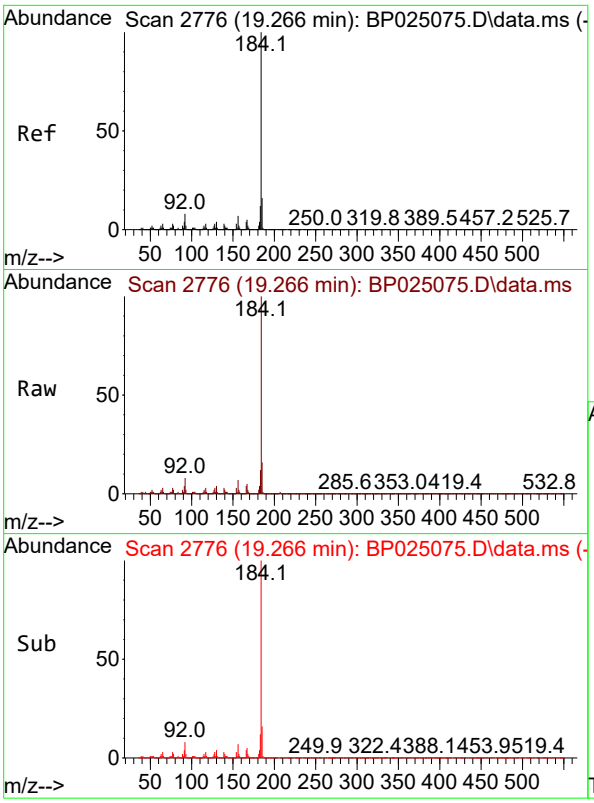


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:240 Resp: 2262594

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.4	20.3	30.5





#77
Benzidine
Concen: 64.686 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 258490

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.8	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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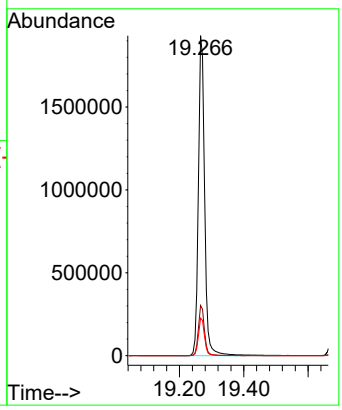
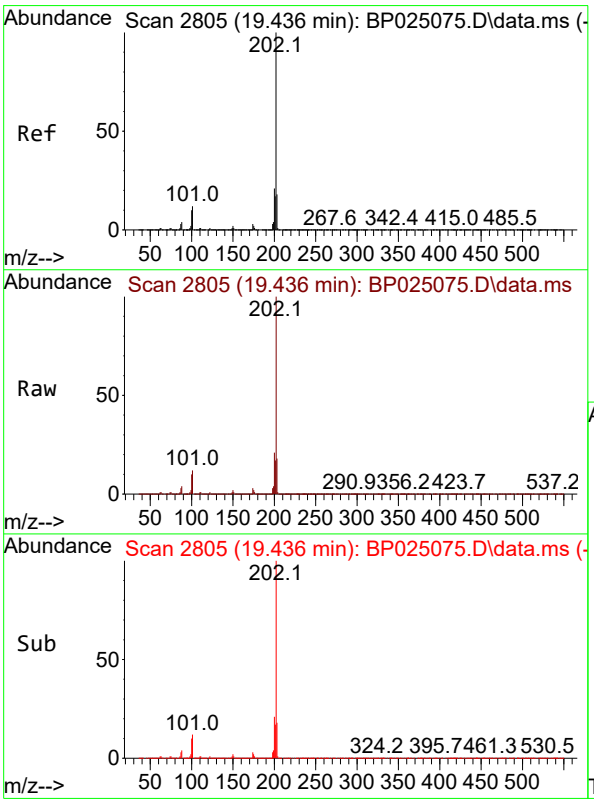
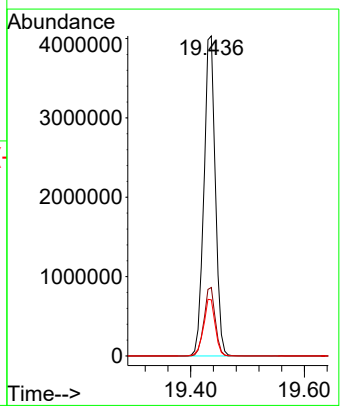


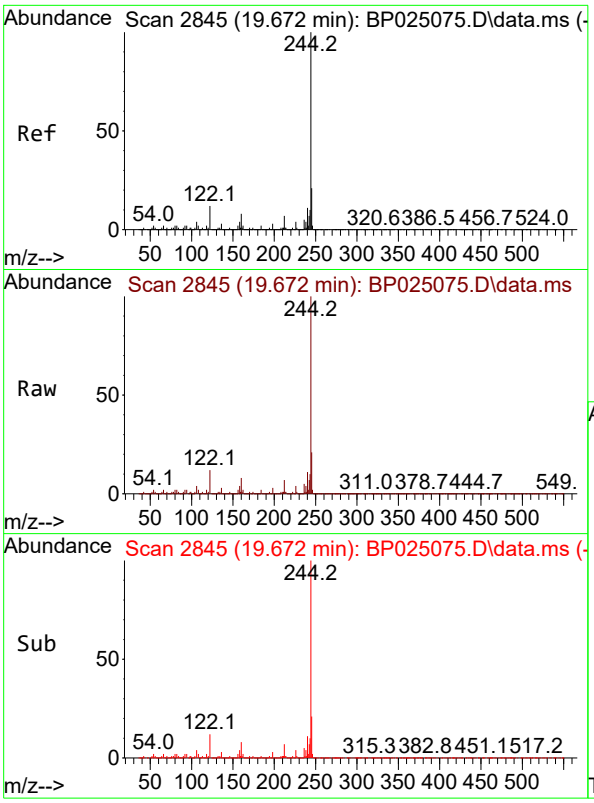


#78
Pyrene
Concen: 39.765 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 5572652

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.1	21.1

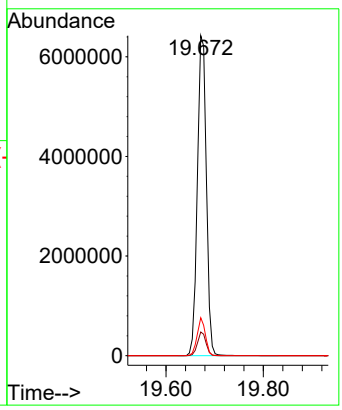




#79
Terphenyl-d14
Concen: 80.394 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:244 Resp: 827649

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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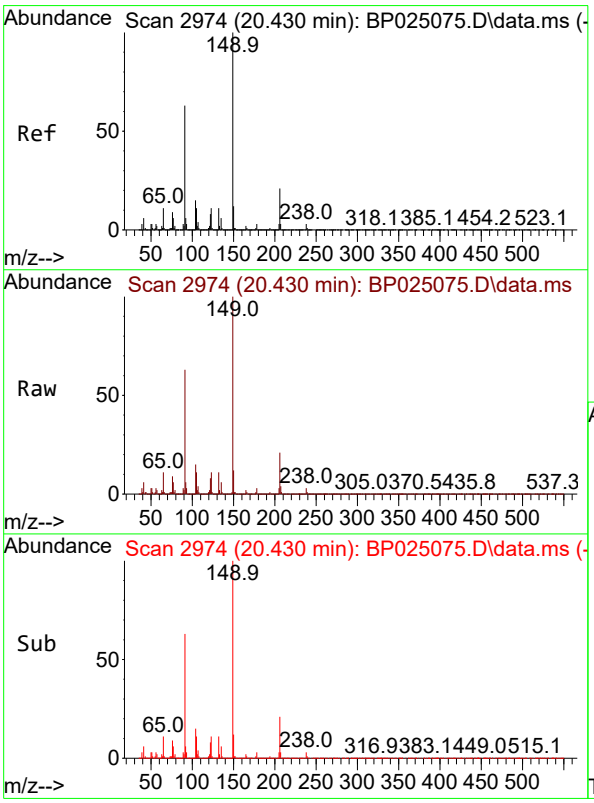
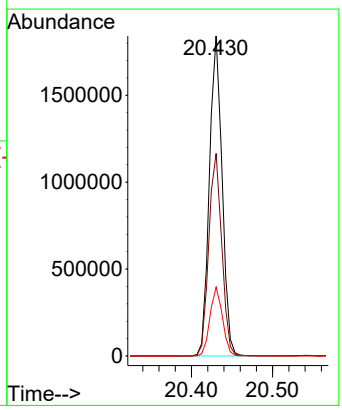
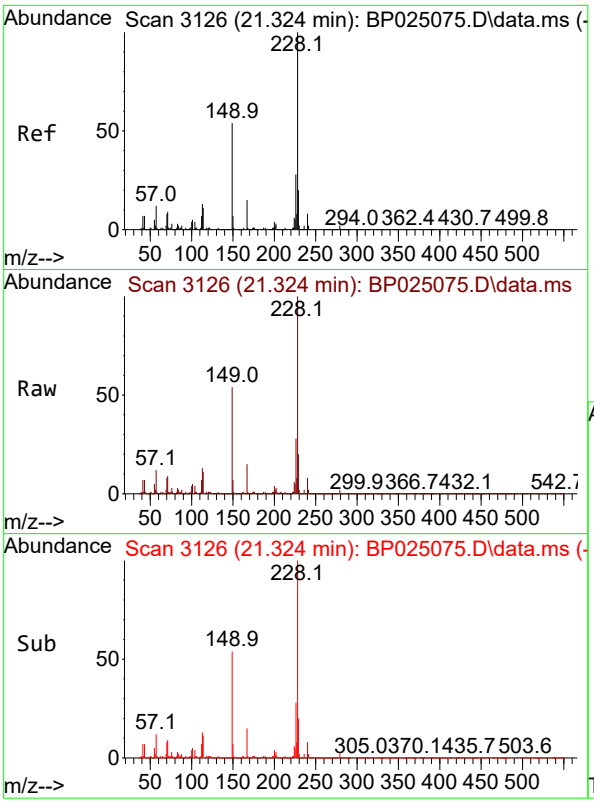


#80
Butylbenzylphthalate
Concen: 37.765 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 1993151

Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	21.5	17.2	25.8

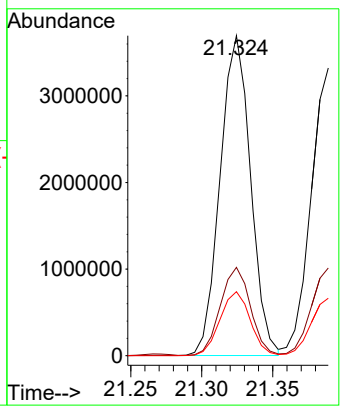




#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:228 Resp: 550784

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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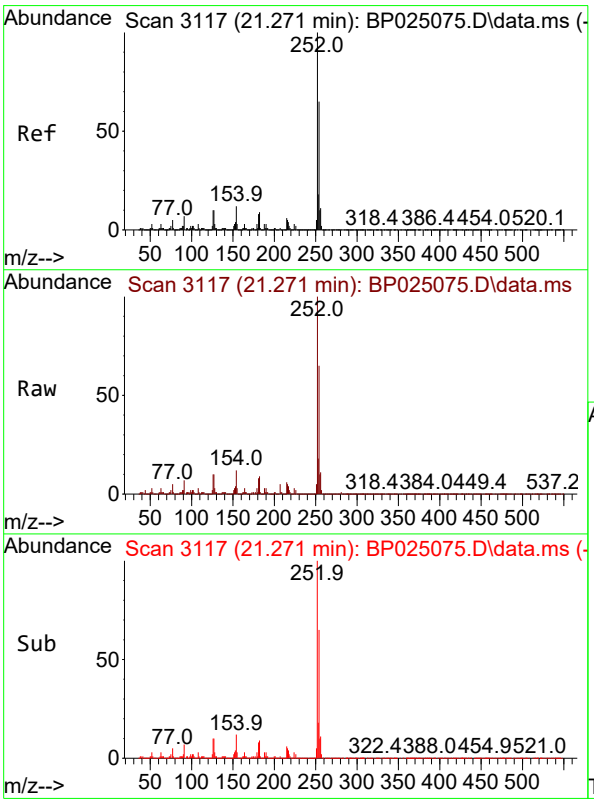
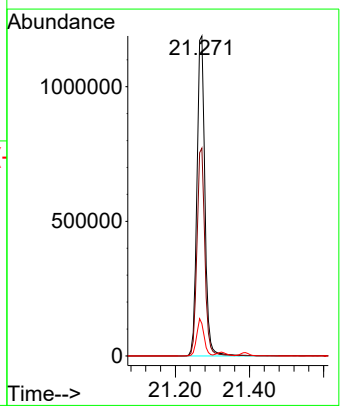
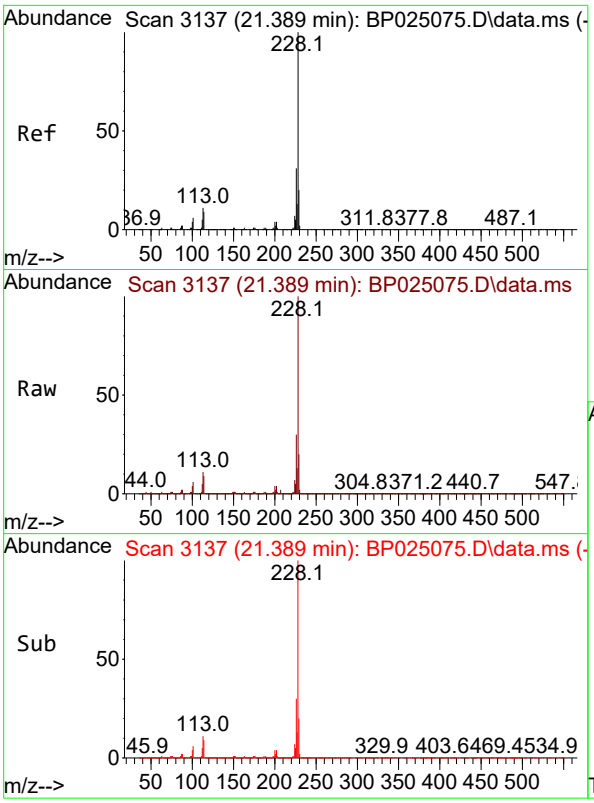


#82
3,3'-Dichlorobenzidine
Concen: 42.735 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 1763991

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.1	8.1	12.1





#83
Chrysene
Concen: 39.742 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:228 Resp: 524404

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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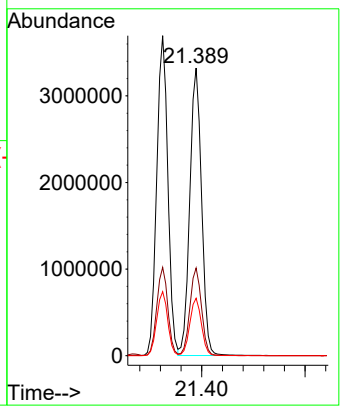
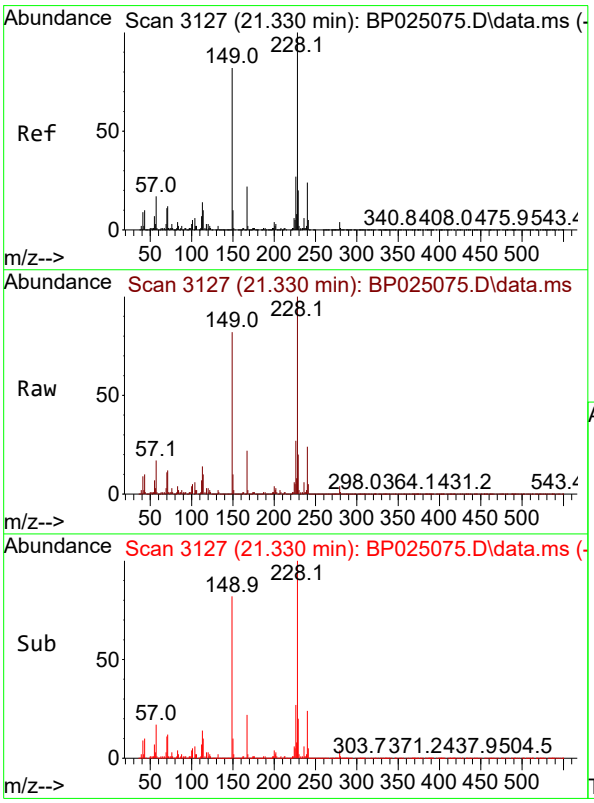
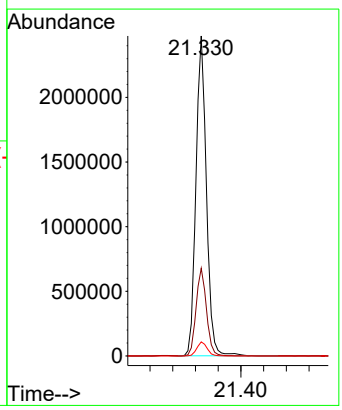


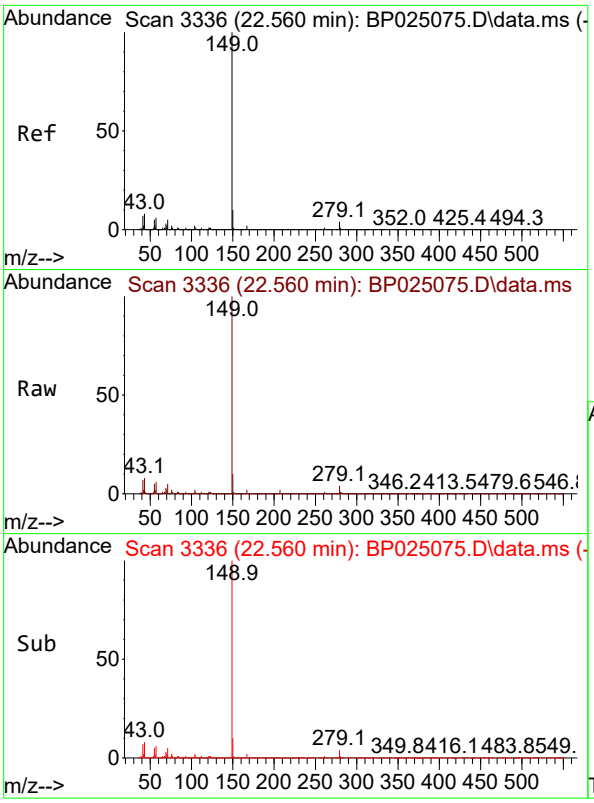


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.232 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 3179611

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.4	3.5	5.3

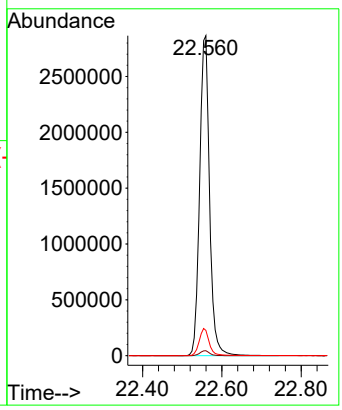




#85
Di-n-octyl phthalate
Concen: 38.152 ng
RT: 22.560 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 495183

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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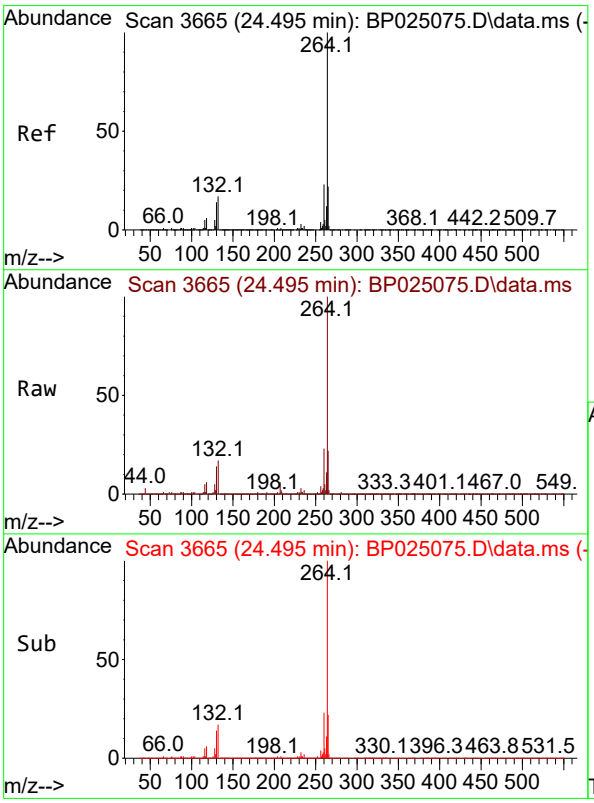
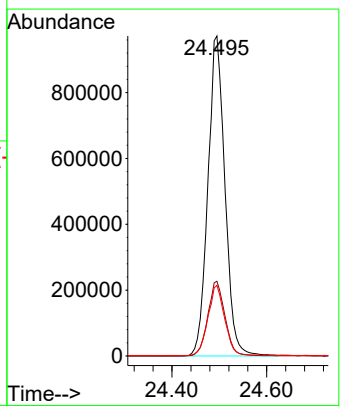
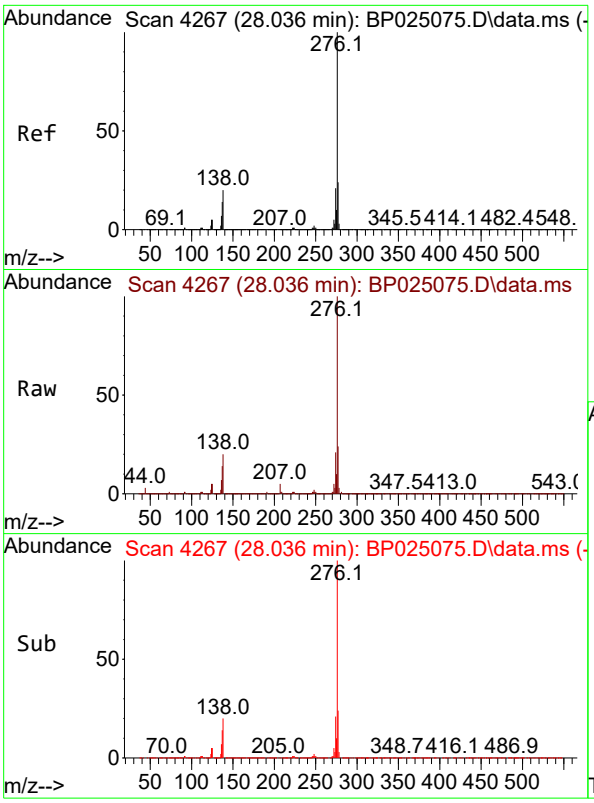


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:264 Resp: 2431657

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5

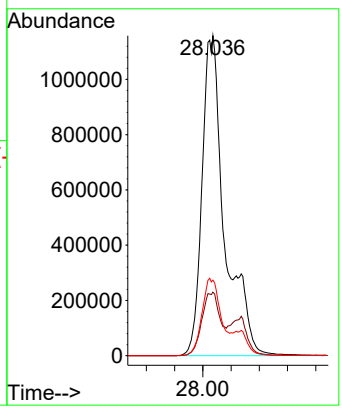




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 647446

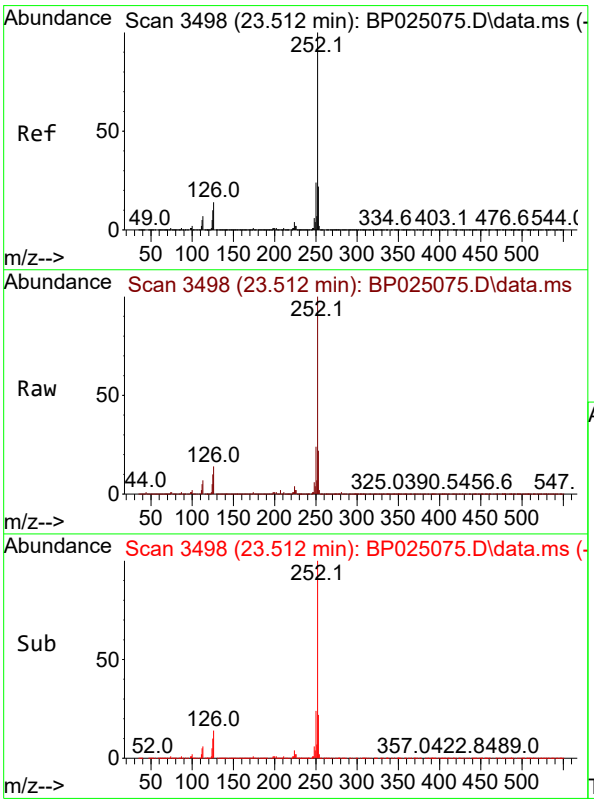
Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

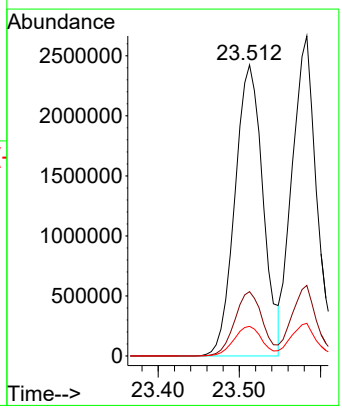
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

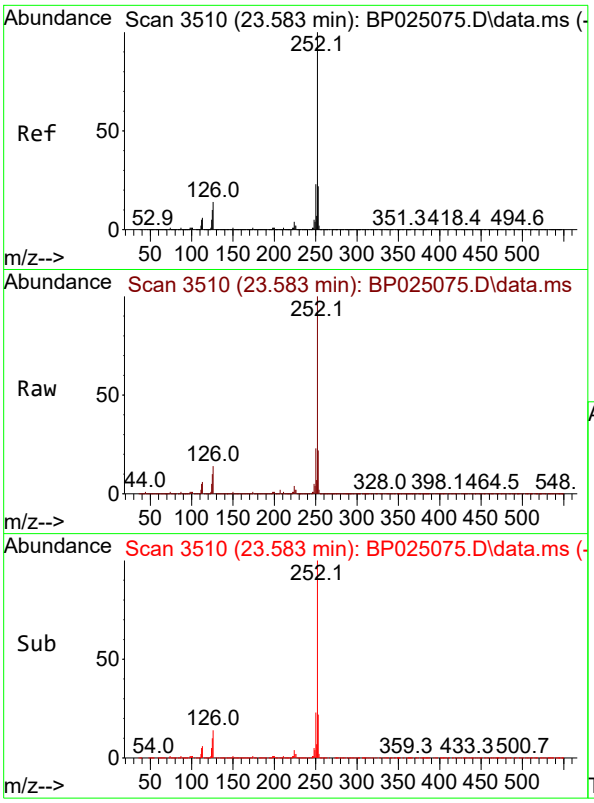


#88
Benzo(b)fluoranthene
Concen: 41.258 ng
RT: 23.512 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5839482

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 39.833 ng
RT: 23.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 560953

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2

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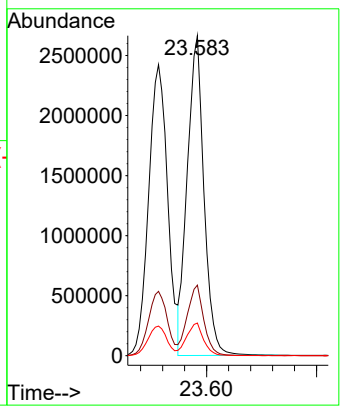
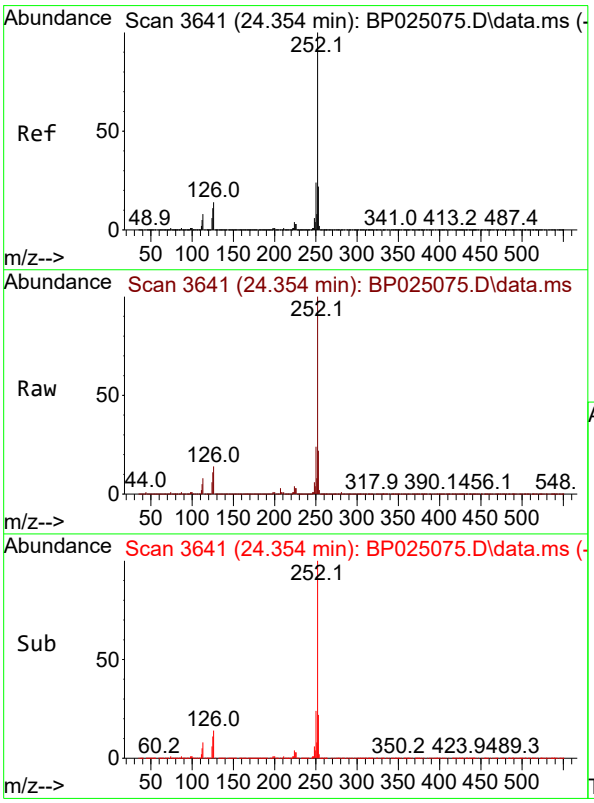
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

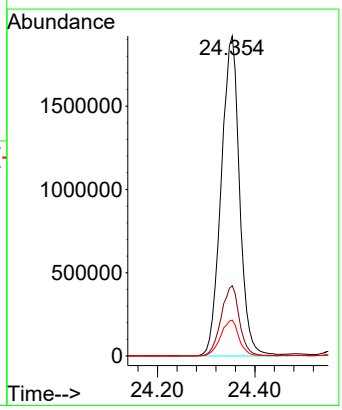


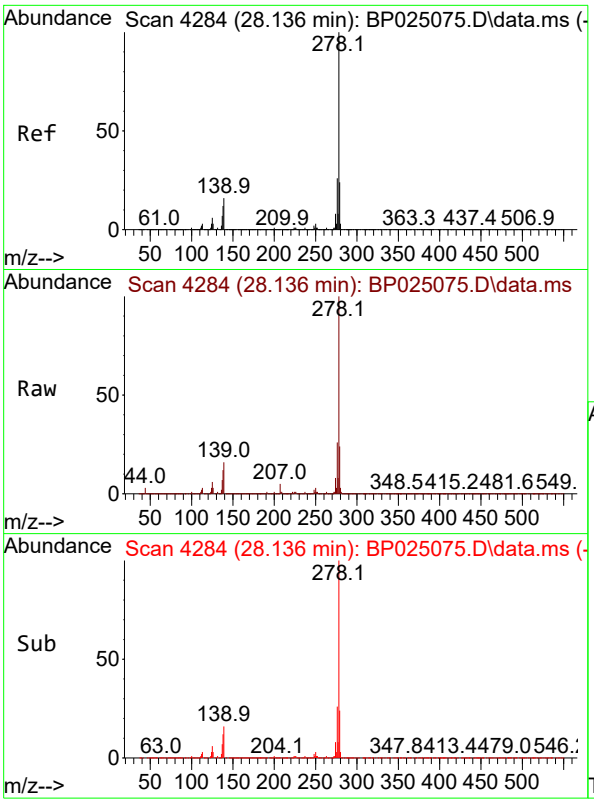


#90
Benzo(a)pyrene
Concen: 41.697 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5022829

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	9.0	13.4

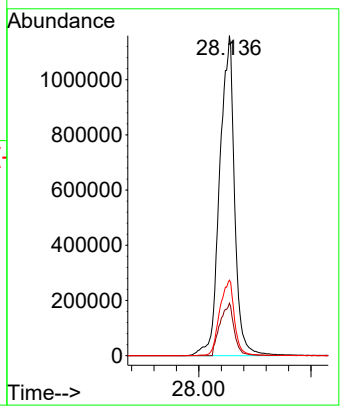




#91
Dibenzo(a,h)anthracene
Concen: 41.673 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:278 Resp: 533614

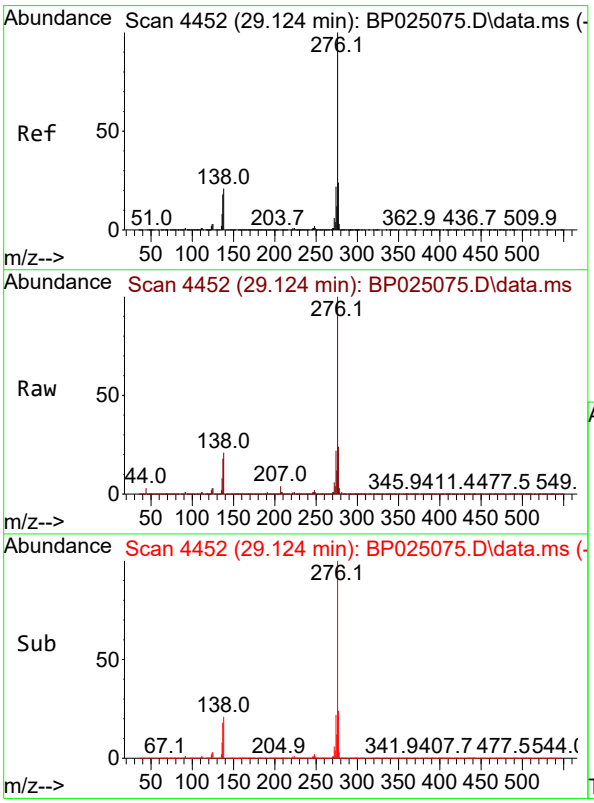
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

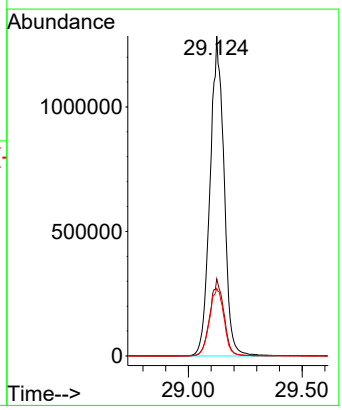
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 41.443 ng
RT: 29.124 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 5482072

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	426915	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1726448	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1117104	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2198784	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2246809	20.000	ng	0.01
86) Perylene-d12	24.518	264	2460402	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2404869	99.811	ng	0.00
7) Phenol-d6	6.631	99	3142540	99.945	ng	0.00
23) Nitrobenzene-d5	8.572	82	2657612	102.375	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1362624	103.255	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7037498	97.594	ng	0.00
79) Terphenyl-d14	19.683	244	10280025	100.557	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	448307	47.849	ng	100
3) Pyridine	3.490	79	1249873m	48.762	ng	
4) n-Nitrosodimethylamine	3.408	42	526435	48.471	ng	98
6) Aniline	6.790	93	1463015	49.800	ng	99
8) 2-Chlorophenol	7.019	128	1334192	49.491	ng	99
9) Benzaldehyde	6.602	77	730343	44.476	ng	98
10) Phenol	6.660	94	1584515	49.596	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1204826	49.001	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1457893	48.321	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1476720	48.343	ng	98
14) 1,2-Dichlorobenzene	7.790	146	1418407	48.270	ng	100
15) Benzyl Alcohol	7.672	79	1056771	50.356	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1560041	48.796	ng	100
17) 2-Methylphenol	7.878	107	1039628	50.517	ng	99
18) Hexachloroethane	8.501	117	494292	49.671	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	930000	49.874	ng	99
20) 3+4-Methylphenols	8.201	107	1431288	49.653	ng	99
22) Acetophenone	8.243	105	1967270	48.182	ng	99
24) Nitrobenzene	8.607	77	1323155	50.040	ng	96
25) Isophorone	9.137	82	2464795	50.806	ng	100
26) 2-Nitrophenol	9.313	139	629107	48.958	ng	99
27) 2,4-Dimethylphenol	9.384	122	918599	50.760	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1636120	49.669	ng	99
29) 2,4-Dichlorophenol	9.843	162	1314014	52.364	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1365048	49.122	ng	98
31) Naphthalene	10.243	128	4337583	48.793	ng	100
32) Benzoic acid	9.531	122	859495	49.693	ng	97
33) 4-Chloroaniline	10.343	127	1645871	49.611	ng	99
34) Hexachlorobutadiene	10.543	225	793648	49.768	ng	99
35) Caprolactam	11.107	113	422268	49.189	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	1335155	50.915	ng	99
37) 2-Methylnaphthalene	11.860	142	3084171	49.170	ng	100
38) 1-Methylnaphthalene	12.089	142	2983697	48.774	ng	100
40) 1,2,4,5-Tetrachloroben...	12.242	216	1612893	50.237	ng	100
41) Hexachlorocyclopentadiene	12.231	237	452638	53.975	ng	100
43) 2,4,6-Trichlorophenol	12.489	196	1026903	52.823	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1151711	52.275	ng	99
46) 1,1'-Biphenyl	12.907	154	4006544	49.294	ng	100
47) 2-Chloronaphthalene	12.942	162	2986246	48.883	ng	100
48) 2-Nitroaniline	13.148	65	722237	48.247	ng	97
49) Acenaphthylene	13.813	152	4634923	49.571	ng	100
50) Dimethylphthalate	13.560	163	3810769	48.733	ng	99
51) 2,6-Dinitrotoluene	13.660	165	811379	53.202	ng	98
52) Acenaphthene	14.160	154	2923605	48.515	ng	99
53) 3-Nitroaniline	13.989	138	865670	52.965	ng	96
54) 2,4-Dinitrophenol	14.207	184	335631	47.384	ng	96
55) Dibenzofuran	14.507	168	4802343	48.287	ng	99
56) 4-Nitrophenol	14.313	139	764396	50.679	ng	98
57) 2,4-Dinitrotoluene	14.472	165	1081273	48.291	ng	97
58) Fluorene	15.172	166	3727642	48.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1014960	50.872	ng	99
60) Diethylphthalate	14.972	149	3816042	48.587	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1839971	48.332	ng	99
62) 4-Nitroaniline	15.189	138	890284	51.948	ng	100
63) Azobenzene	15.472	77	3381849	48.355	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	488912	48.762	ng	98
66) n-Nitrosodiphenylamine	15.389	169	3156476	50.162	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1145496	50.881	ng	98
68) Hexachlorobenzene	16.195	284	1365447	49.621	ng	100
69) Atrazine	16.395	200	937888	50.863	ng	99
70) Pentachlorophenol	16.554	266	975866	52.511	ng	99
71) Phenanthrene	16.954	178	5660551	48.179	ng	100
72) Anthracene	17.054	178	5614698	49.812	ng	100
73) Carbazole	17.325	167	5444196	49.399	ng	100
74) Di-n-butylphthalate	17.966	149	6469226	52.713	ng	99
75) Fluoranthene	19.054	202	6865989	49.995	ng	99
77) Benzidine	19.271	184	2357157	59.401	ng	99
78) Pyrene	19.436	202	7028090	50.503	ng	99
80) Butylbenzylphthalate	20.442	149	2645413	49.237	ng	99
81) Benzo(a)anthracene	21.336	228	6780561	49.798	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2241436	54.684	ng	98
83) Chrysene	21.395	228	6500368	49.609	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	4140331	56.690	ng	99
85) Di-n-octyl phthalate	22.565	149	6776549	50.271	ng	100
87) Indeno(1,2,3-cd)pyrene	28.059	276	8400646m	53.583	ng	
88) Benzo(b)fluoranthene	23.518	252	7308592	51.035	ng	100
89) Benzo(k)fluoranthene	23.595	252	7114695	49.931	ng	100
90) Benzo(a)pyrene	24.359	252	6366556	52.234	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	6926985	53.464	ng	99
92) Benzo(g,h,i)perylene	29.159	276	7023994	52.480	ng	100

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

ICAL Form

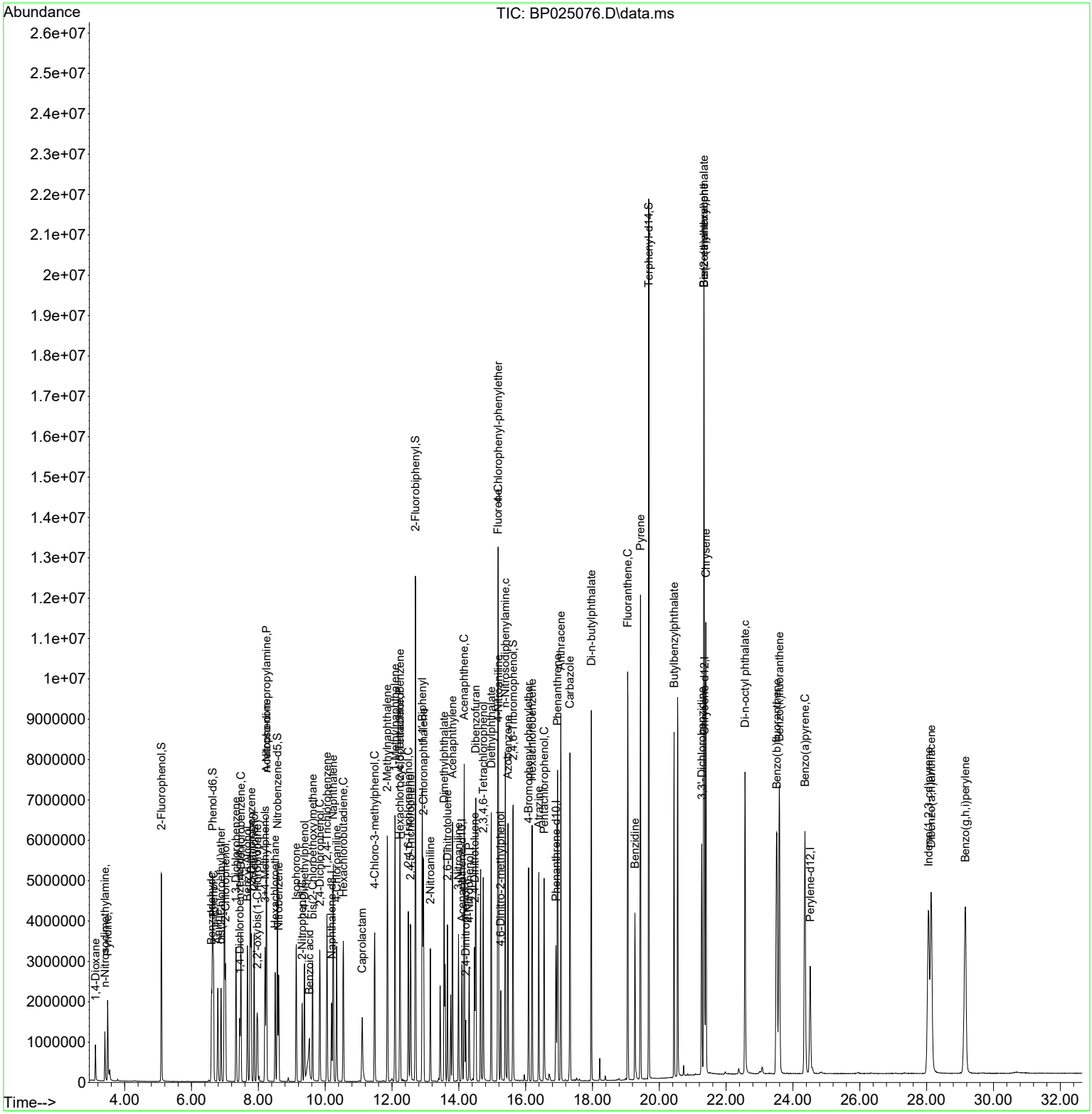
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

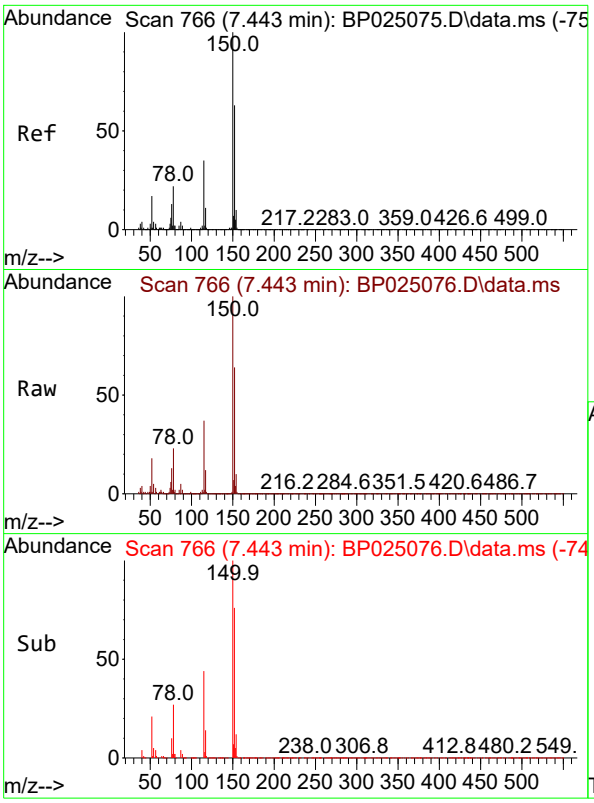
Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

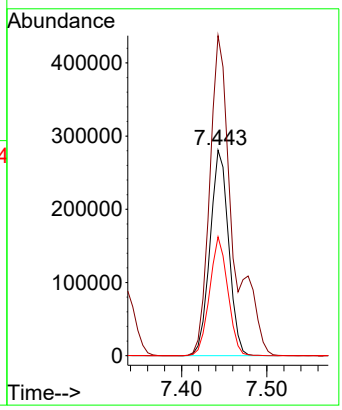




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:152 Resp: 42691

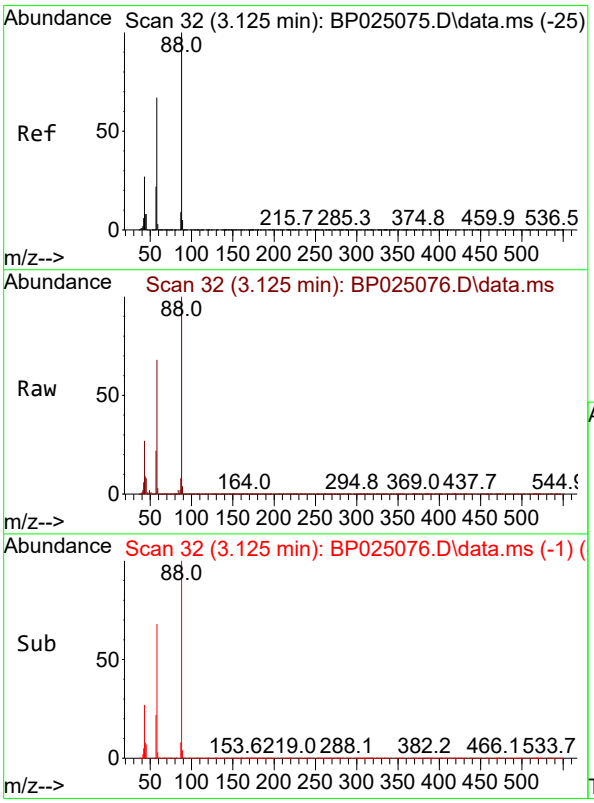
Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.1	189.1
115	57.8	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

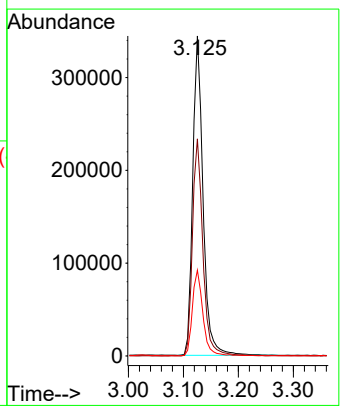
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

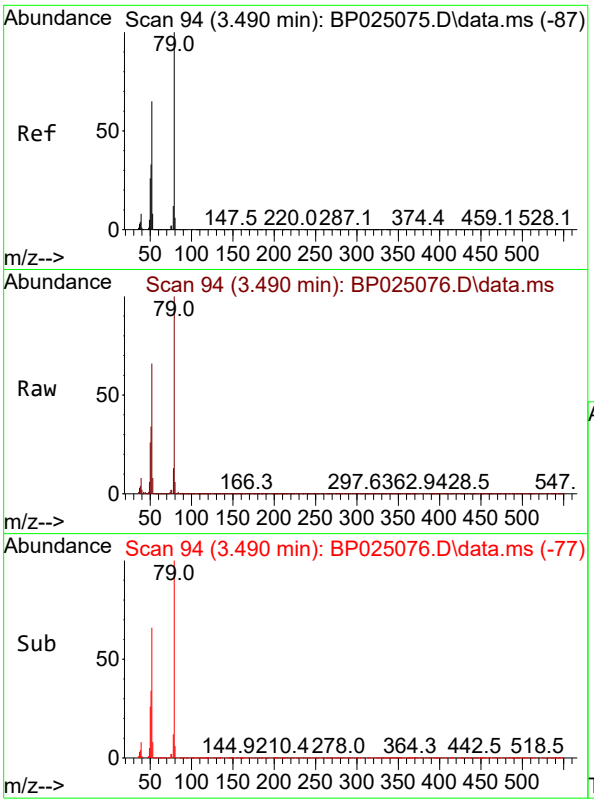


#2
1,4-Dioxane
Concen: 47.849 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 88 Resp: 448307

Ion	Ratio	Lower	Upper
88	100		
58	68.8	55.0	82.4
43	27.3	21.9	32.9

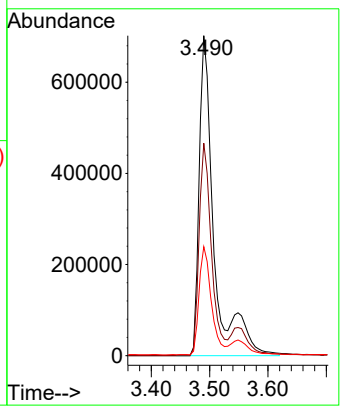




#3
Pyridine
Concen: 48.762 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 79 Resp: 124987

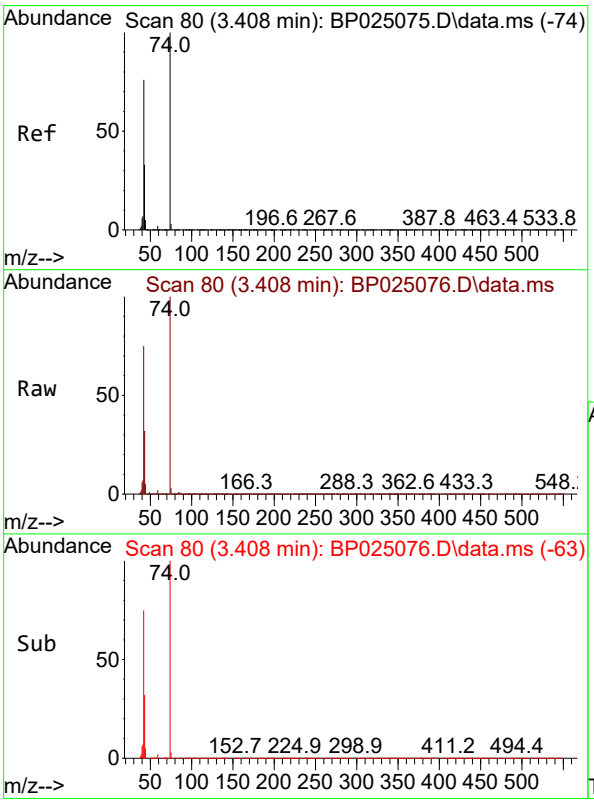
Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.2	78.4
51	34.0	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

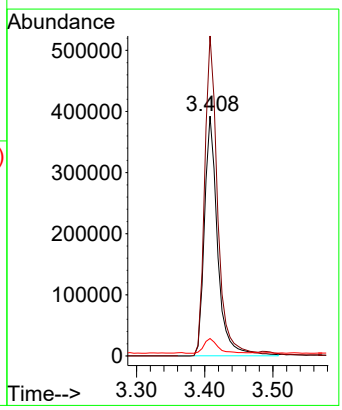
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

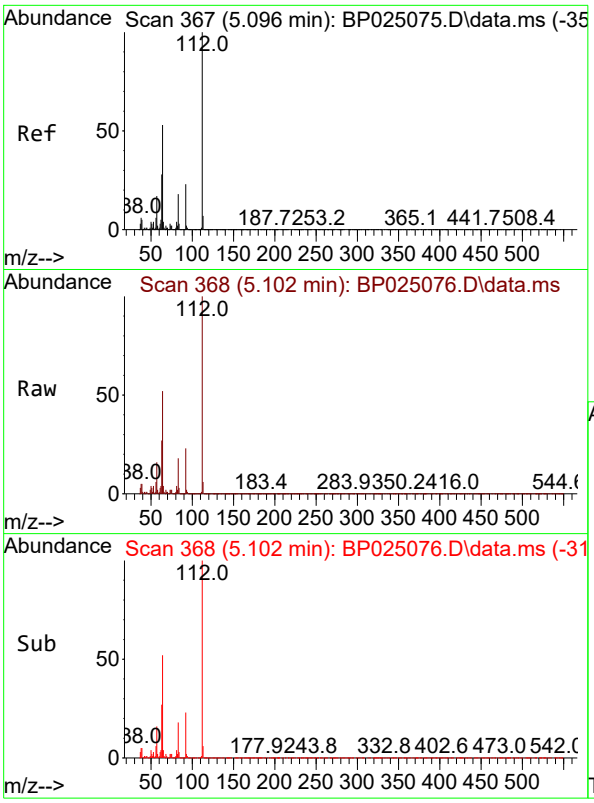


#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 42 Resp: 526435

Ion	Ratio	Lower	Upper
42	100		
74	133.4	105.2	157.8
44	7.2	6.6	9.8

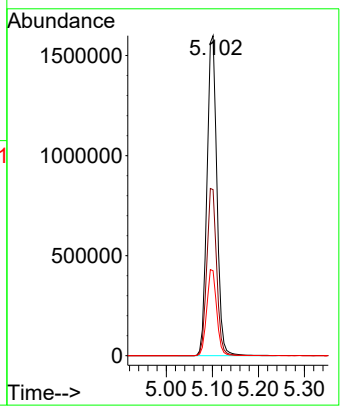




#5
2-Fluorophenol
Concen: 99.811 ng
RT: 5.102 min Scan# 3(
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:112 Resp: 240486

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.0	63.0
63	26.6	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
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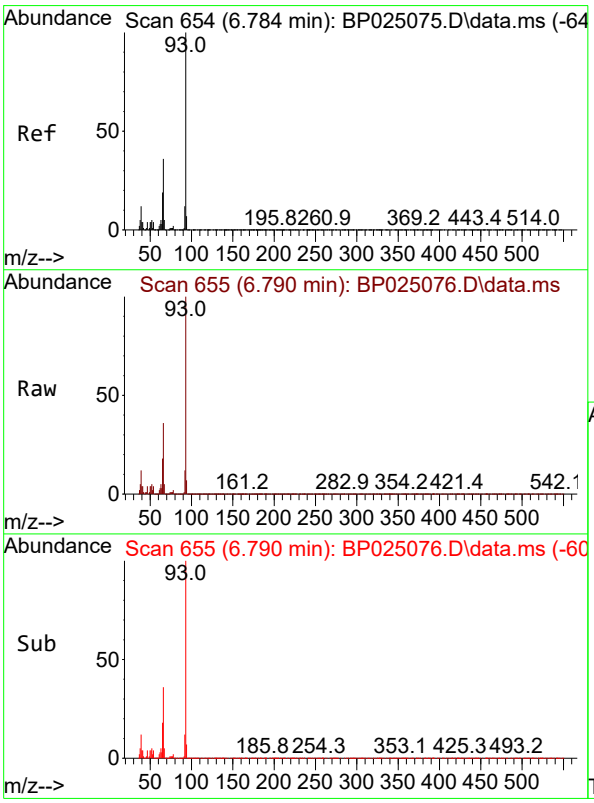
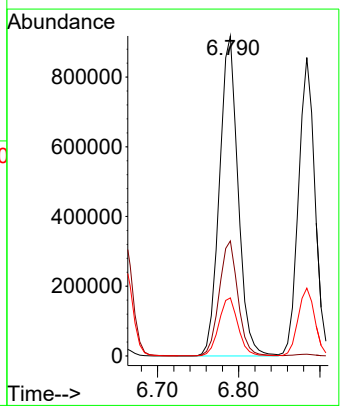
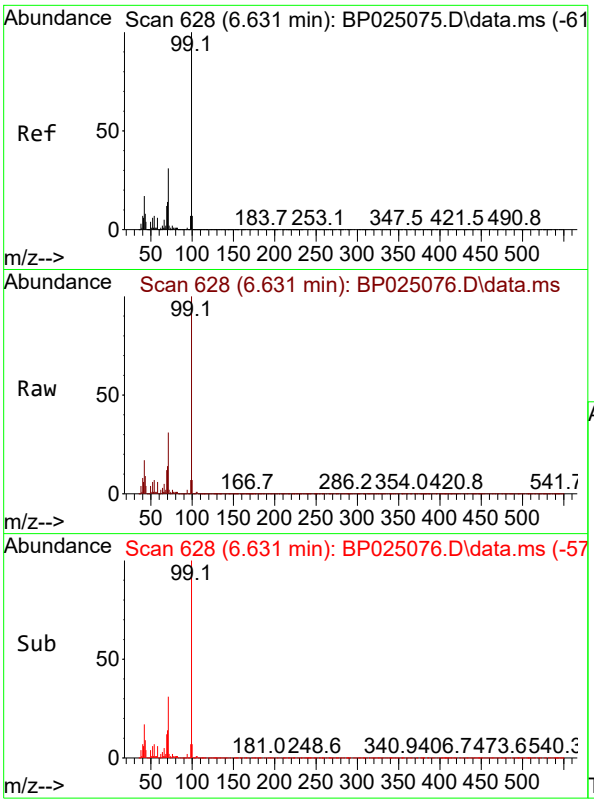


#6
Aniline
Concen: 49.800 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1463015

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.9	43.3
65	18.2	15.2	22.8

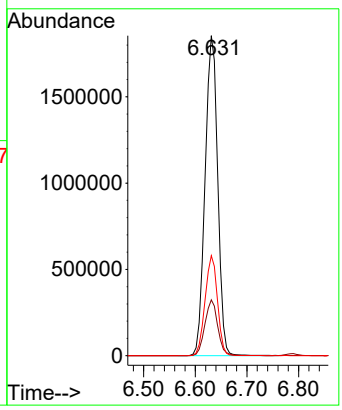




#7
Phenol-d6
Concen: 99.945 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 99 Resp: 314254

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	31.2	24.4	36.6



Instrument :
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ClientSampleId :
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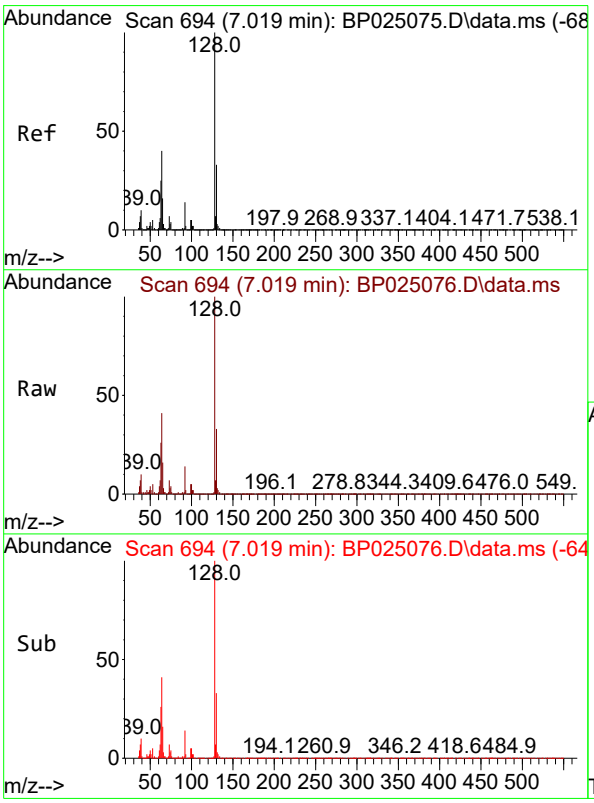
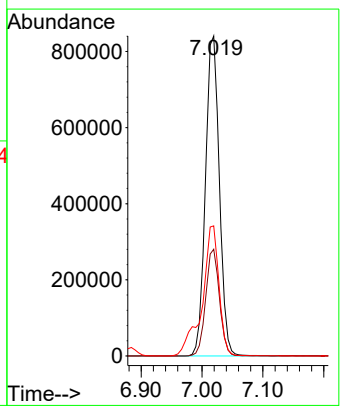
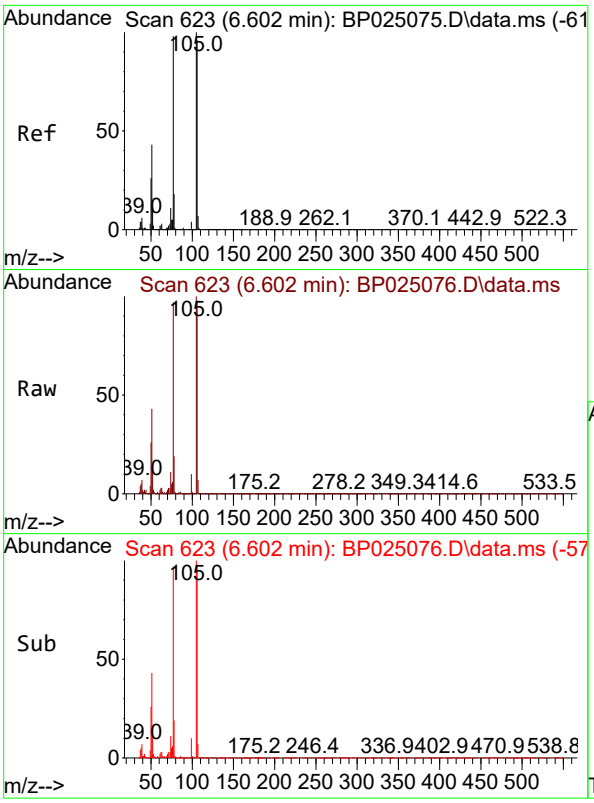


#8
2-Chlorophenol
Concen: 49.491 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 1334192

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	40.6	20.3	60.3

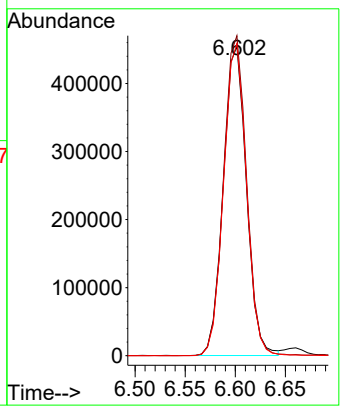




#9
Benzaldehyde
Concen: 44.476 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 73034

Ion	Ratio	Lower	Upper
77	100		
105	103.5	82.4	122.4
106	100.9	78.3	118.3



Instrument :
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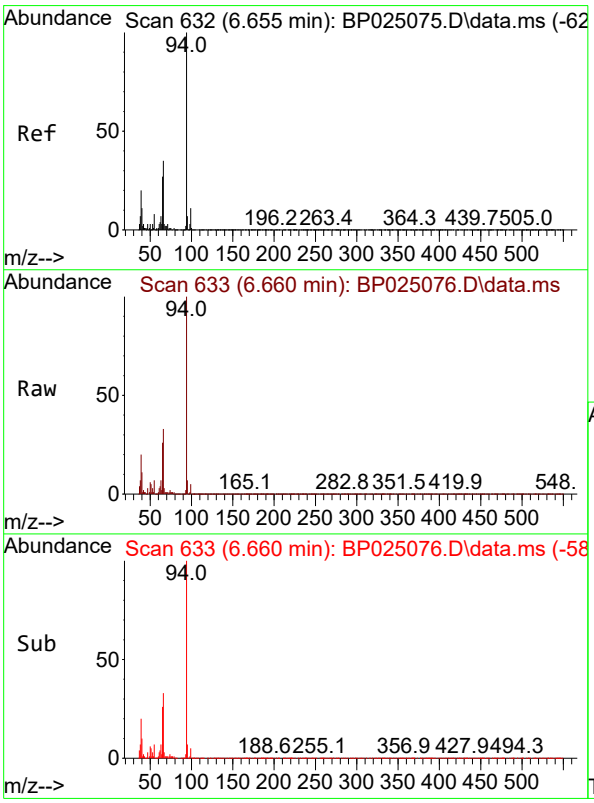
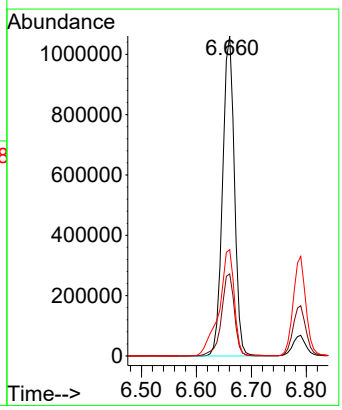
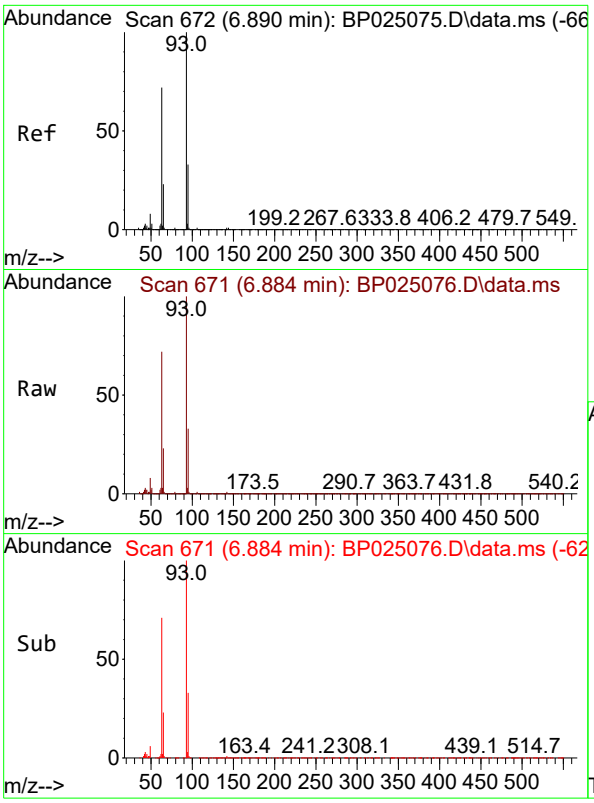


#10
Phenol
Concen: 49.596 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 94 Resp: 1584515

Ion	Ratio	Lower	Upper
94	100		
65	25.6	6.9	46.9
66	33.2	14.6	54.6

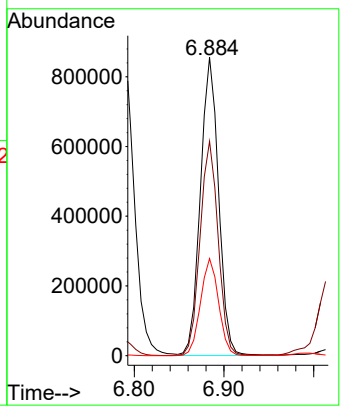




#11
bis(2-Chloroethyl)ether
Concen: 49.001 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 120482

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.6	12.4	52.4



Instrument :
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ClientSampleId :
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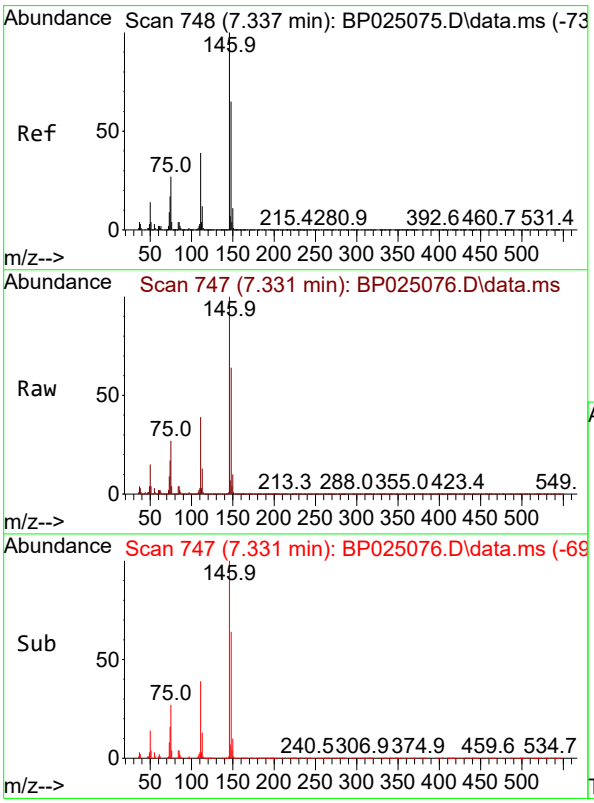
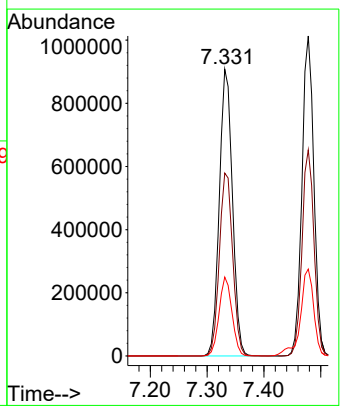
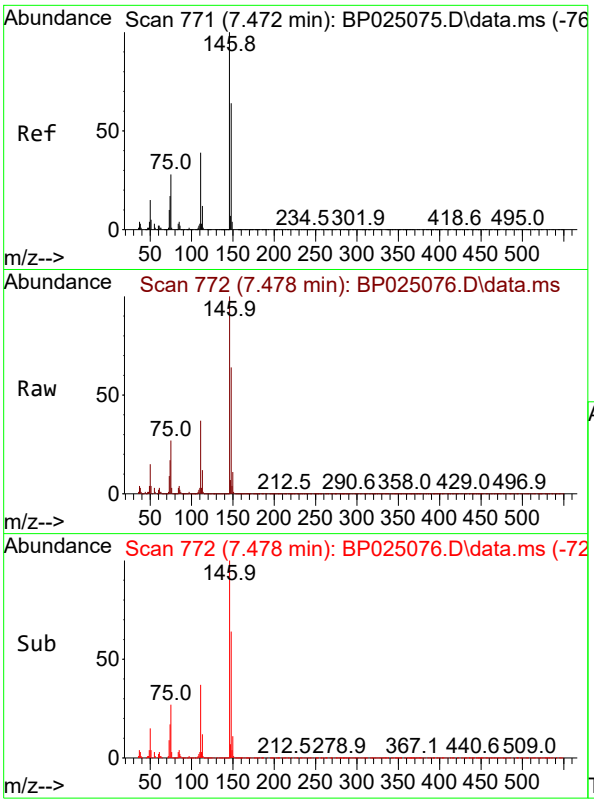


#12
1,3-Dichlorobenzene
Concen: 48.321 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1457893

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.5	21.8	32.6

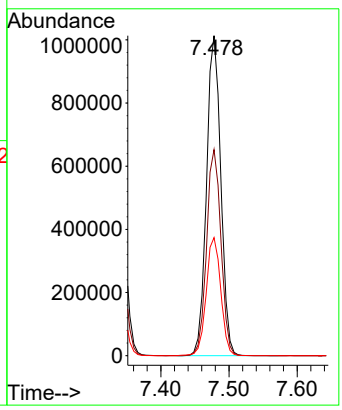




#13
1,4-Dichlorobenzene
Concen: 48.343 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 147672

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	36.9	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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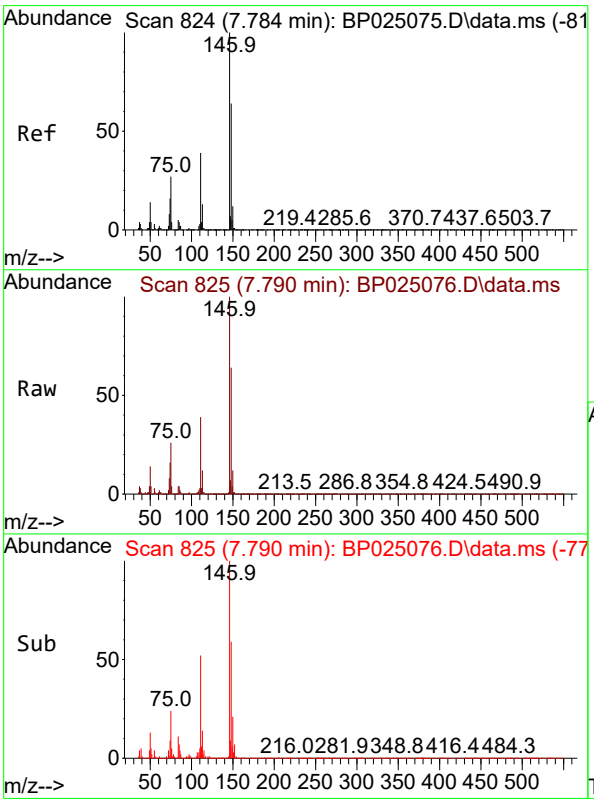
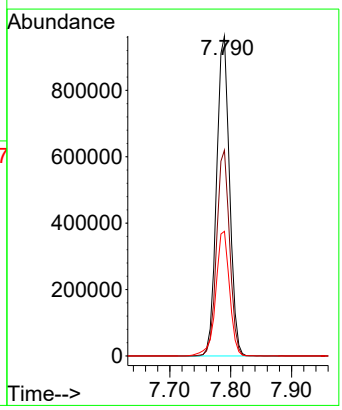
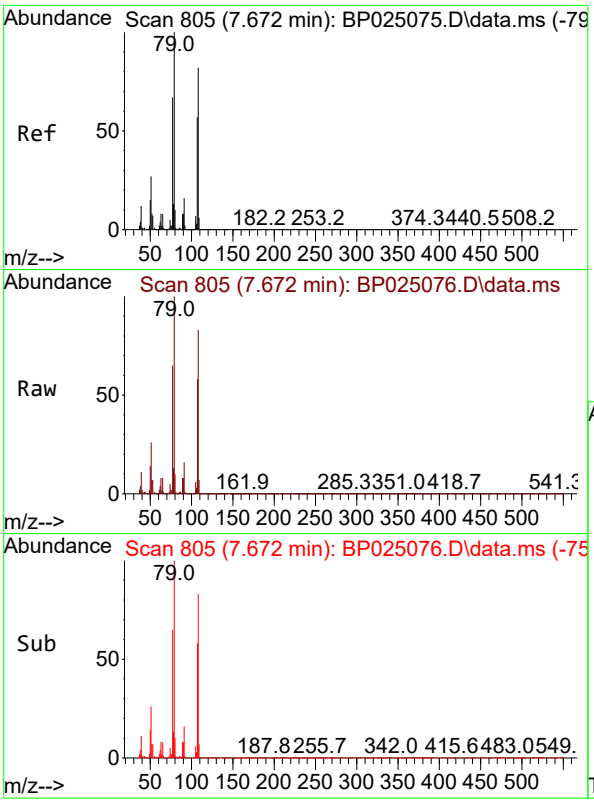


#14
1,2-Dichlorobenzene
Concen: 48.270 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1418407

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.0	31.2	46.8

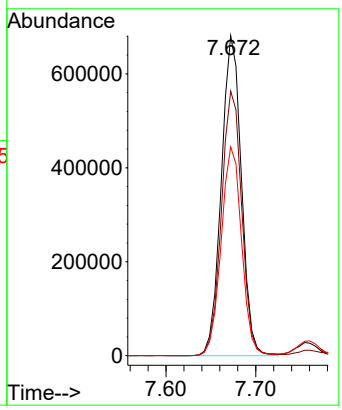




#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 79 Resp: 105677

Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.0	99.0
77	65.3	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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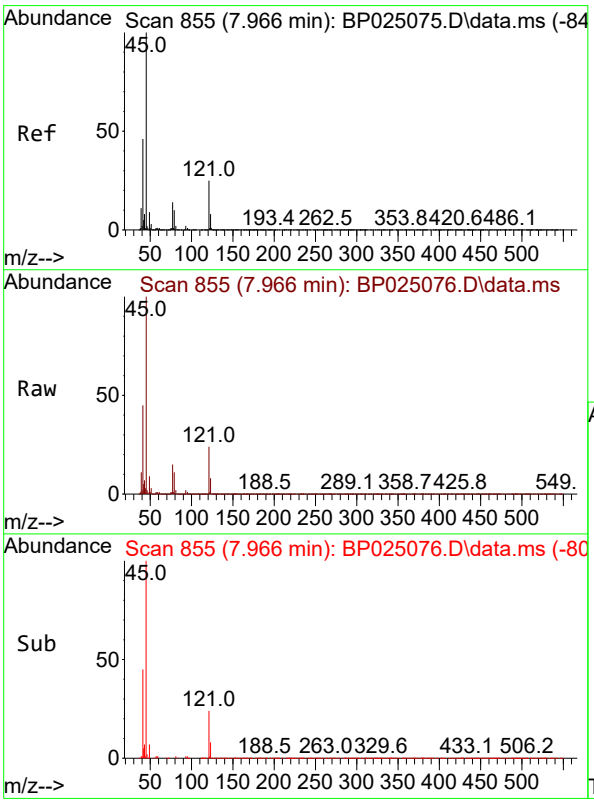
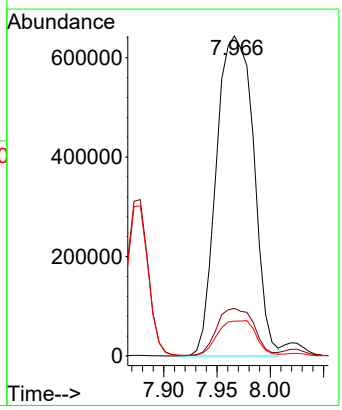
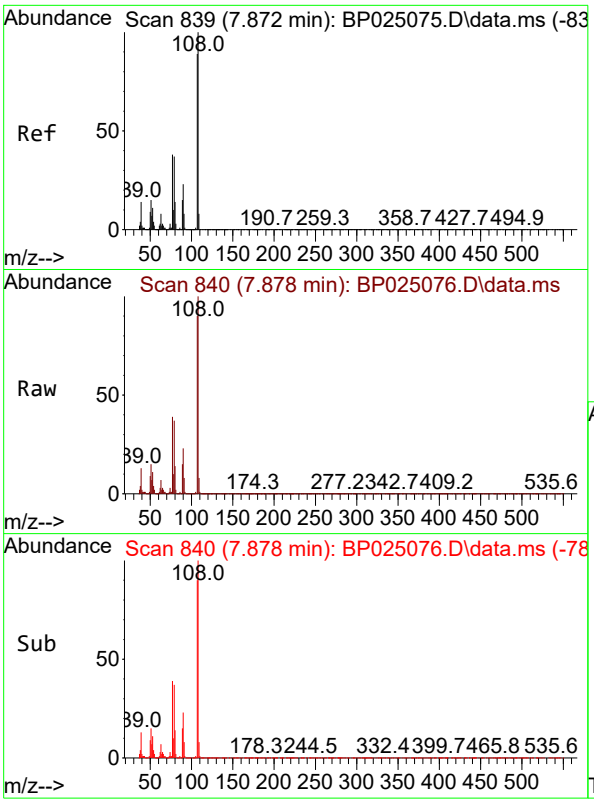


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.796 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 45 Resp: 1560041

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.8
79	10.9	0.0	30.7

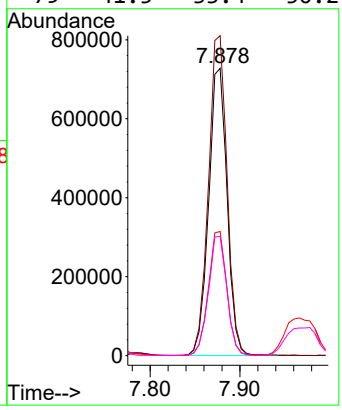




#17
2-Methylphenol
Concen: 50.517 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 103962

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	43.2	34.2	51.4
79	41.5	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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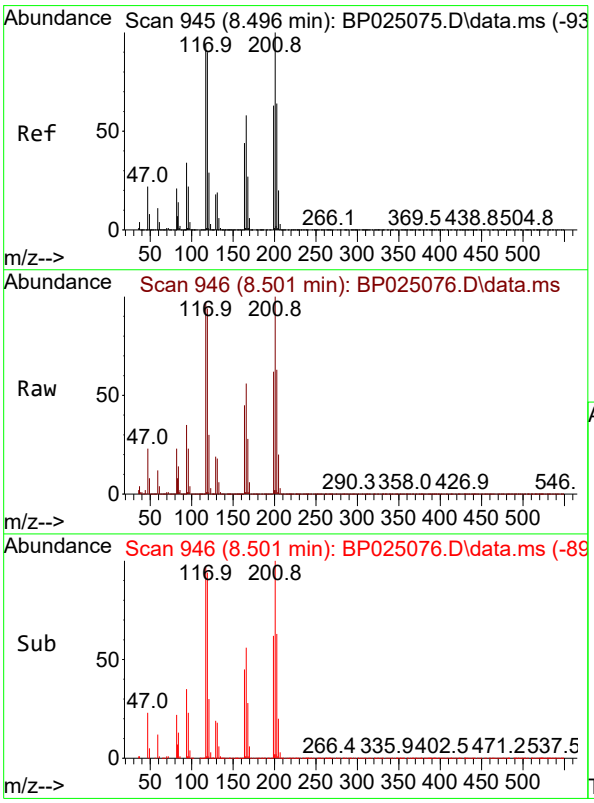
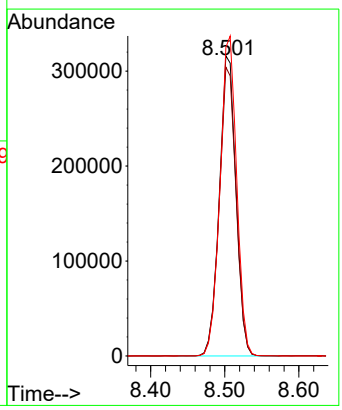
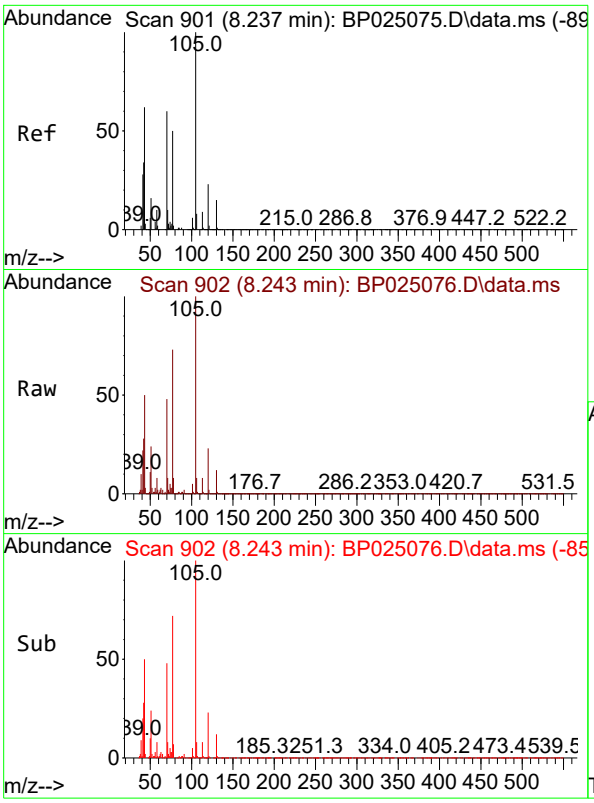


#18
Hexachloroethane
Concen: 49.671 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:117 Resp: 494292

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	102.8	85.4	128.2

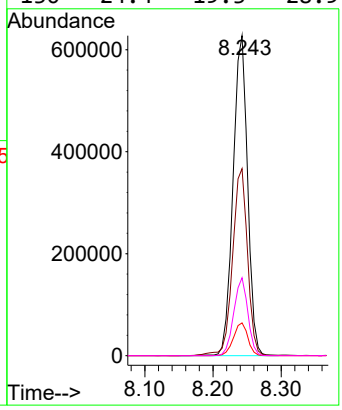




#19
n-Nitroso-di-n-propylamine
Concen: 49.874 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 70 Resp: 93000

Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.5	69.7
101	10.2	7.9	11.9
130	24.4	19.3	28.9



Instrument :
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ClientSampleId :
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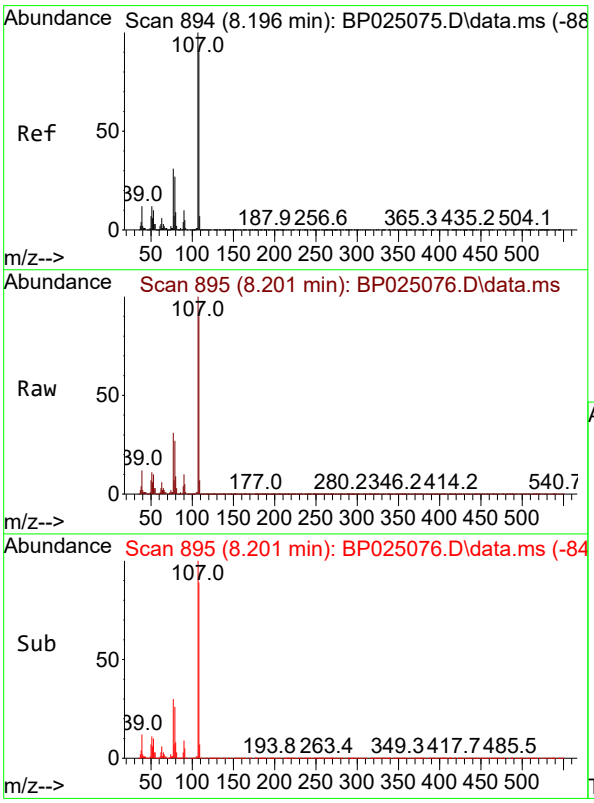
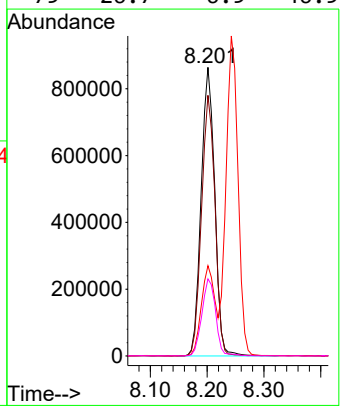
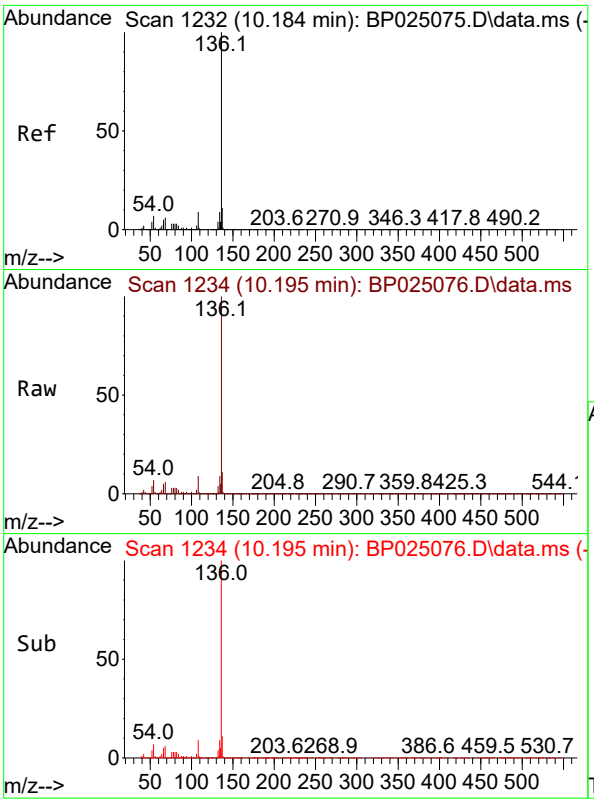


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1431288

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.5	109.5
77	31.3	11.4	51.4
79	26.7	6.9	46.9

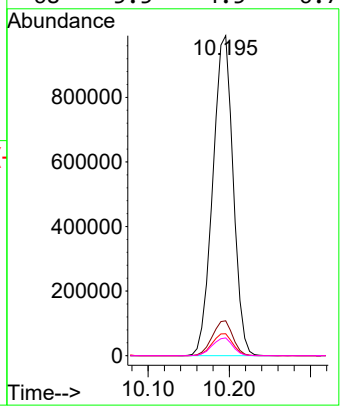




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:136 Resp: 172644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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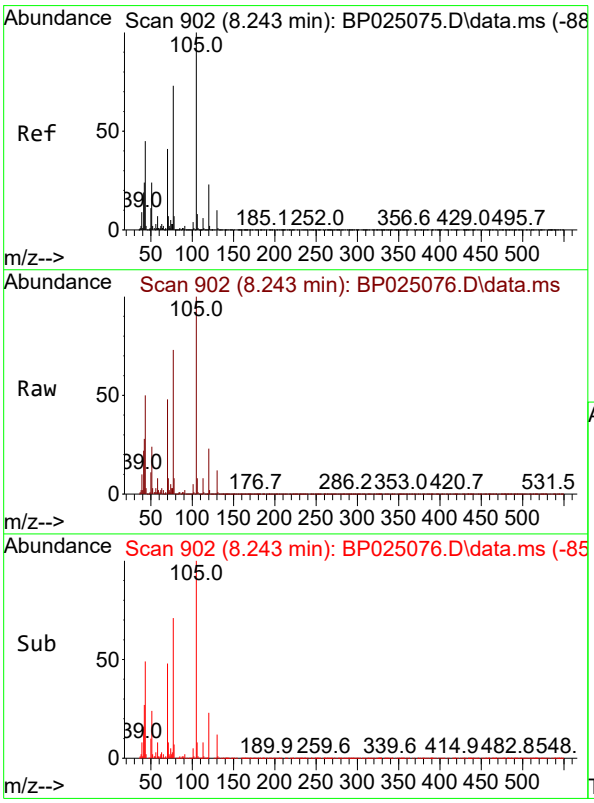
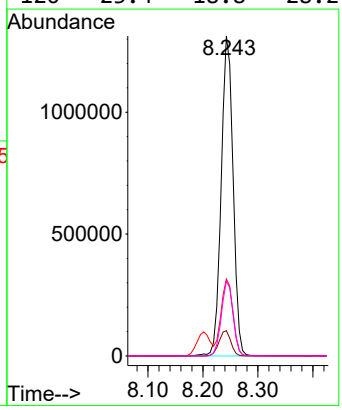
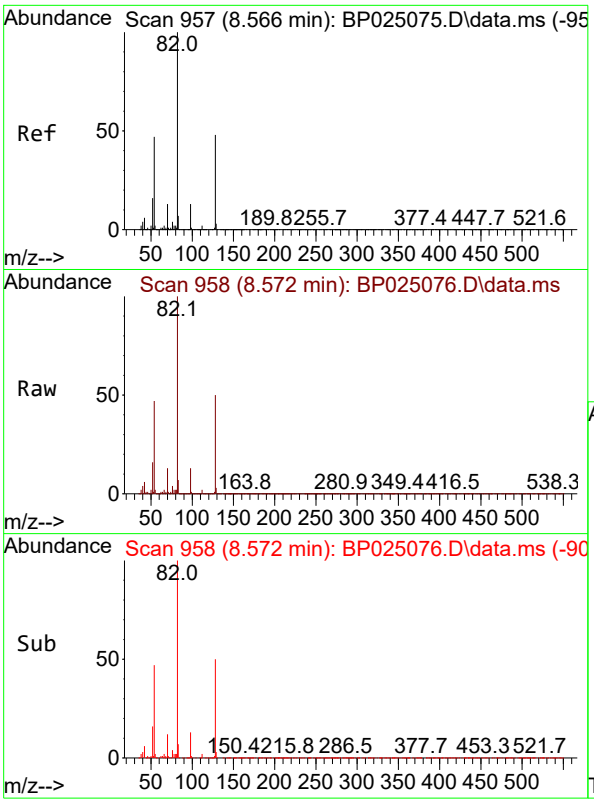


#22
Acetophenone
Concen: 48.182 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:105 Resp: 1967270

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	24.1	19.6	29.4
120	23.4	18.8	28.2

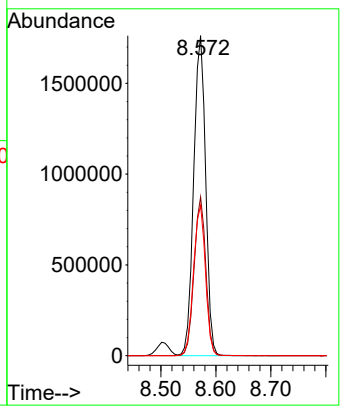




#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 82 Resp: 265761

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	46.9	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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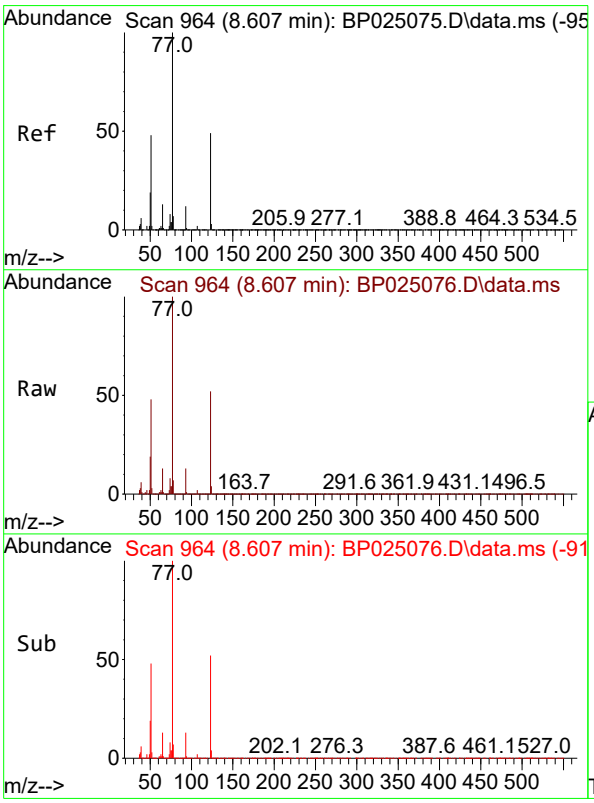
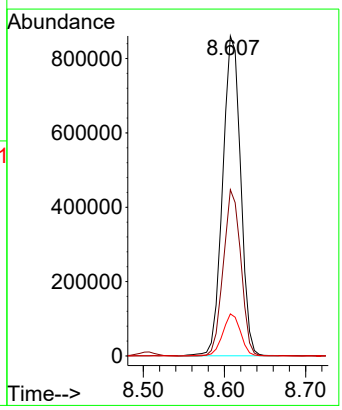
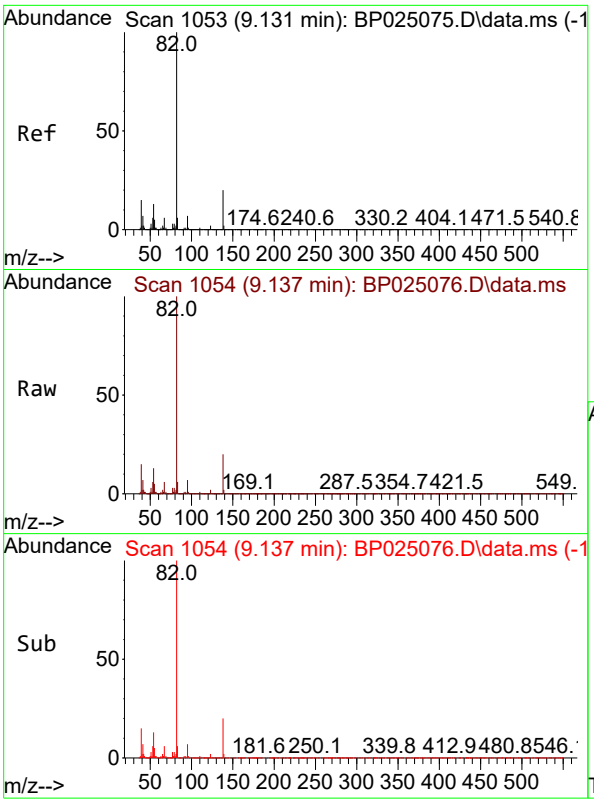


#24
Nitrobenzene
Concen: 50.040 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 1323155

Ion	Ratio	Lower	Upper
77	100		
123	52.0	39.0	58.6
65	13.1	10.7	16.1

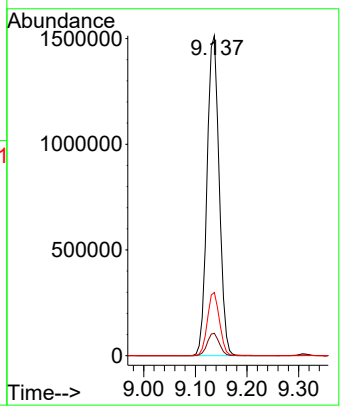




#25
Isophorone
Concen: 50.806 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 82 Resp: 246479

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.8	15.7	23.5



Instrument :
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ClientSampleId :
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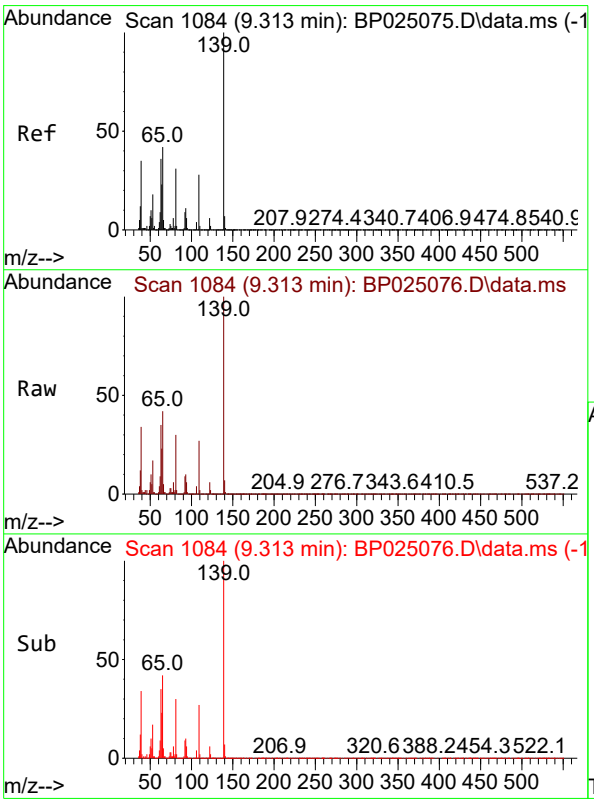
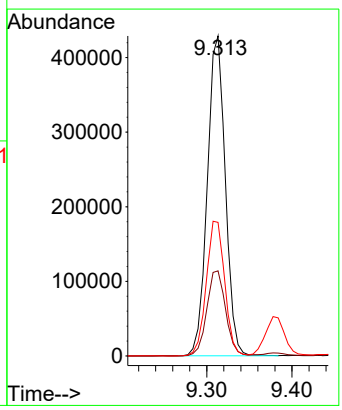
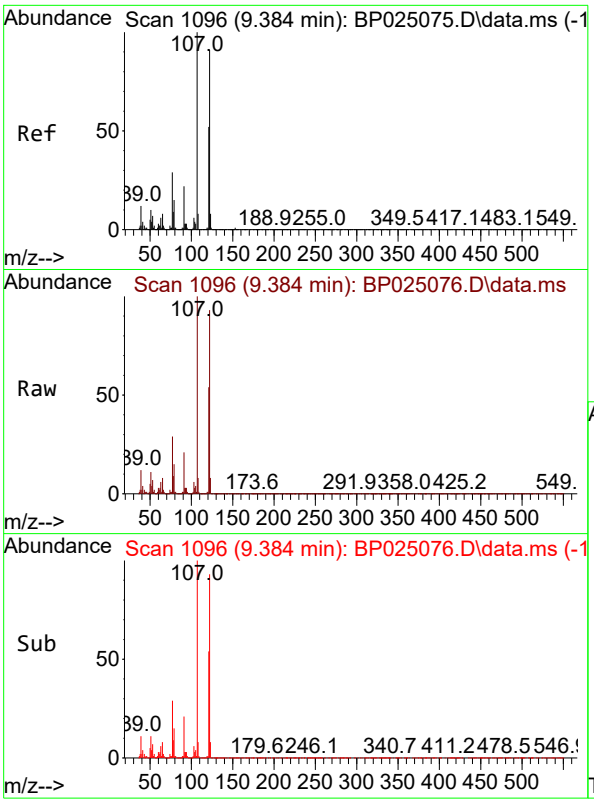


#26
2-Nitrophenol
Concen: 48.958 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 629107

Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.3	33.5
65	41.8	33.8	50.8

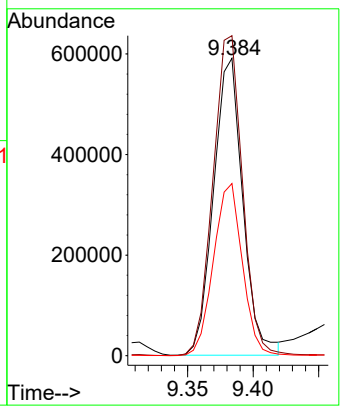




#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 91859

Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.2	132.2
121	57.9	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
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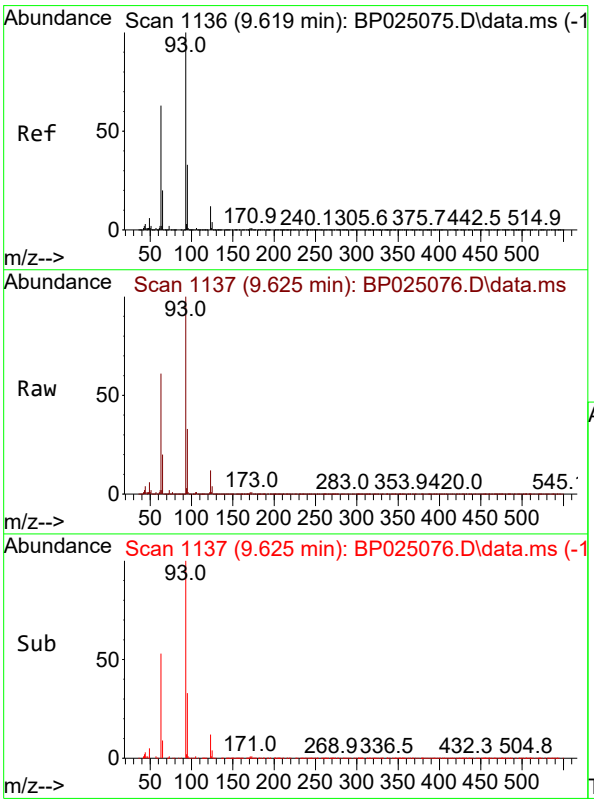
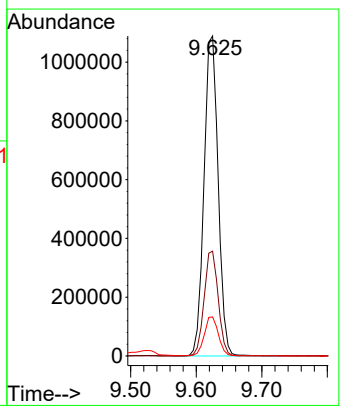
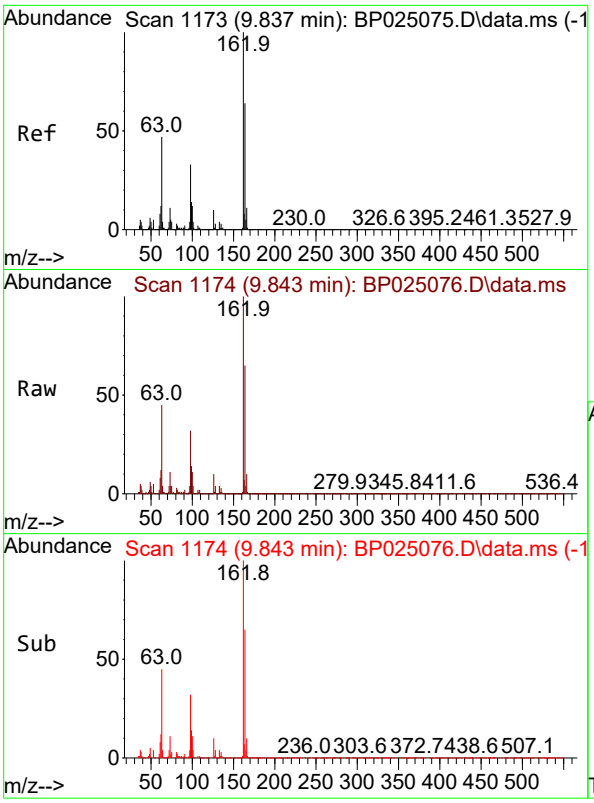


#28
bis(2-Chloroethoxy)methane
Concen: 49.669 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1636120

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.2	10.1	15.1

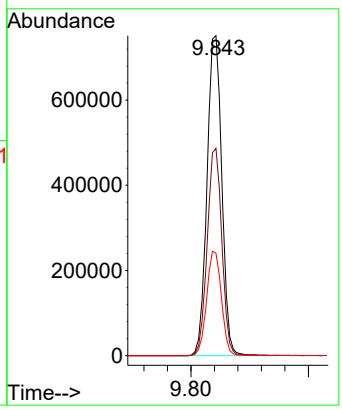




#29
2,4-Dichlorophenol
Concen: 52.364 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:162 Resp: 131401

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.0	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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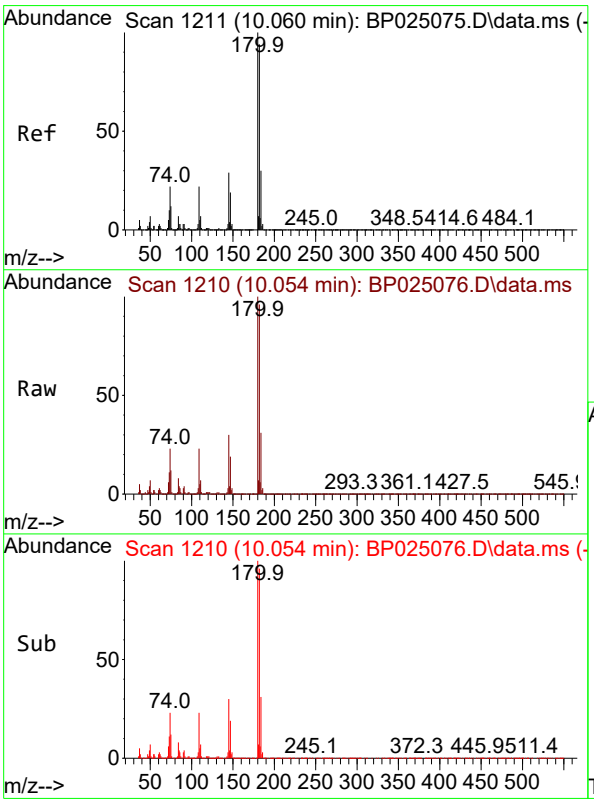
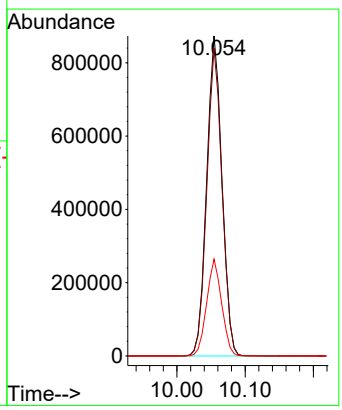
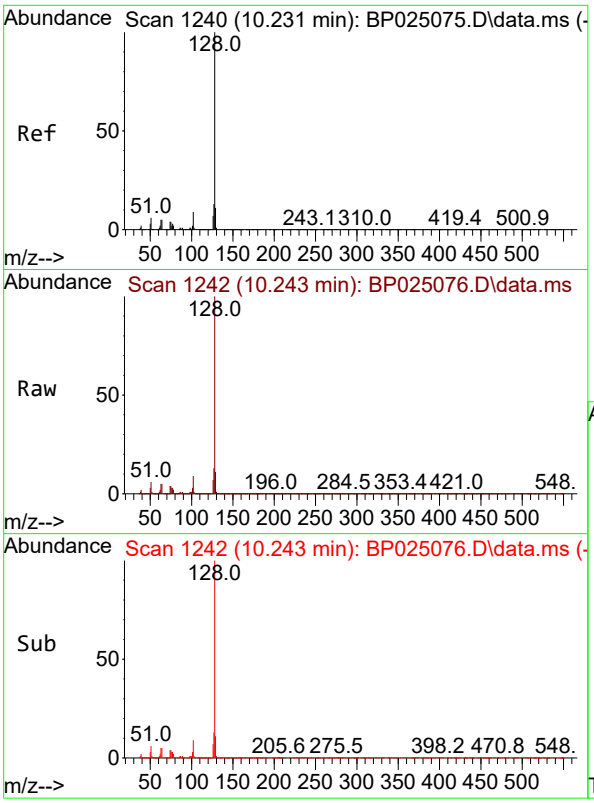


#30
1,2,4-Trichlorobenzene
Concen: 49.122 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:180 Resp: 1365048

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	30.2	23.3	34.9

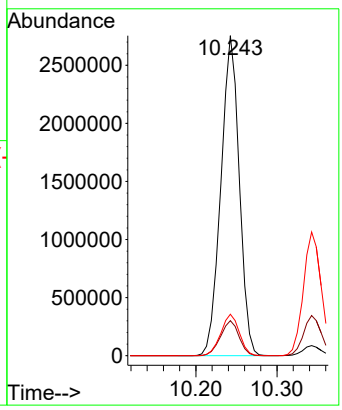




#31
Naphthalene
Concen: 48.793 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 433758

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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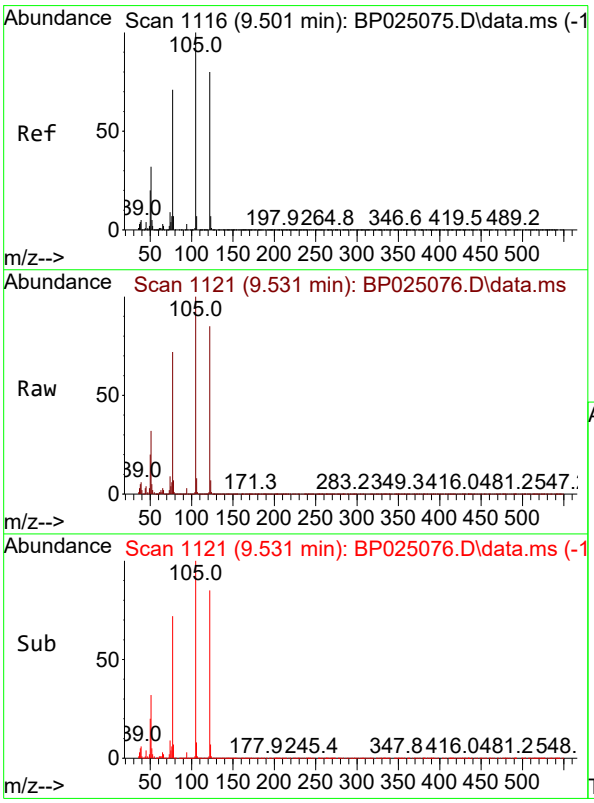
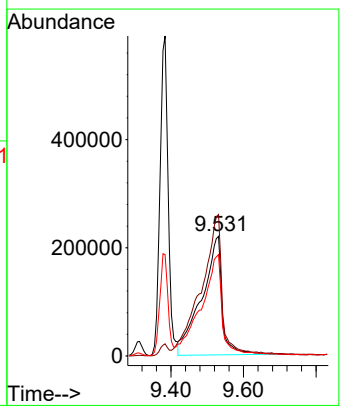
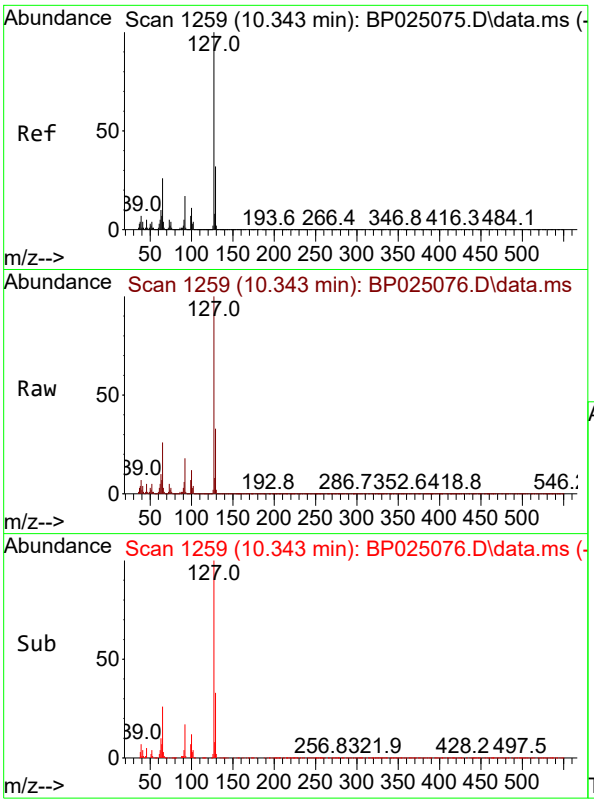


#32
Benzoic acid
Concen: 49.693 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 859495

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.0	141.0
77	84.7	67.6	107.6

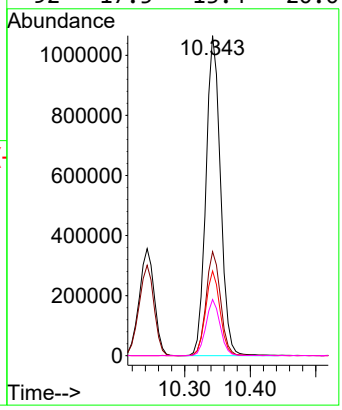




#33
4-Chloroaniline
Concen: 49.611 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:127 Resp: 164587

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.5	21.0	31.6
92	17.5	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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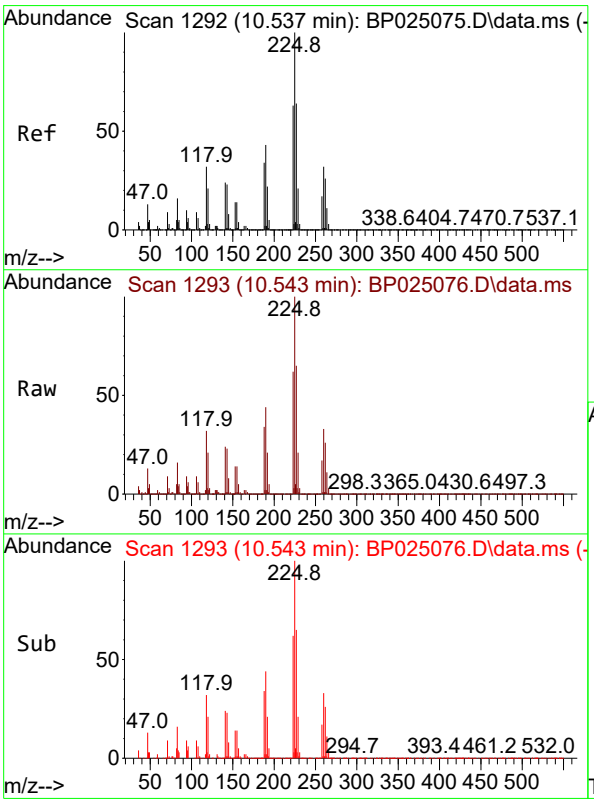
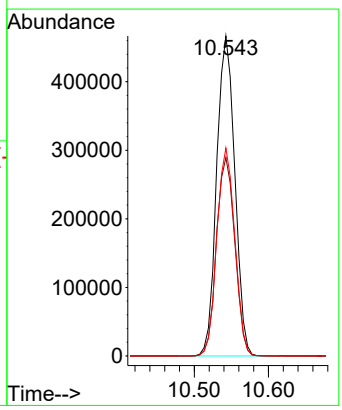
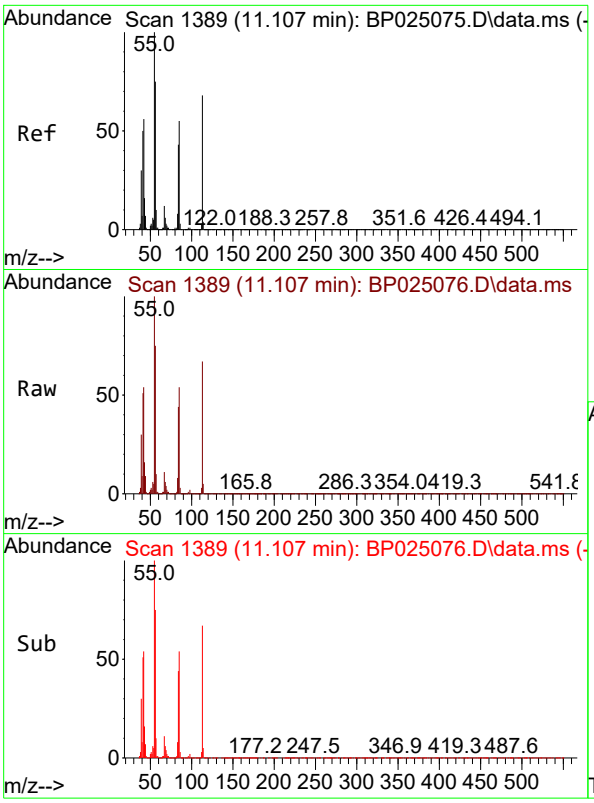


#34
Hexachlorobutadiene
Concen: 49.768 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:225 Resp: 793648

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	65.0	51.3	76.9

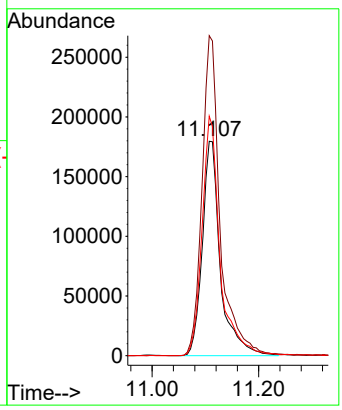




#35
Caprolactam
Concen: 49.189 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:113 Resp: 42226

Ion	Ratio	Lower	Upper
113	100		
55	149.2	128.1	168.1
56	111.6	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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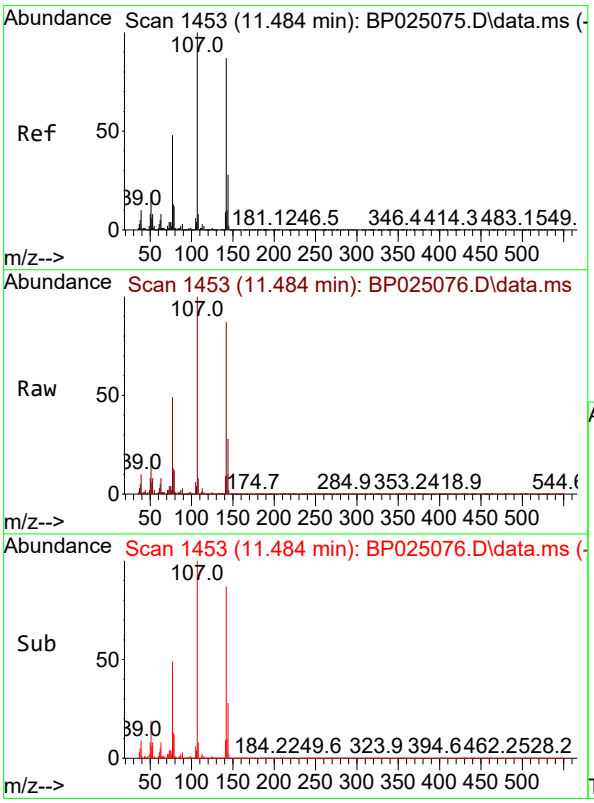
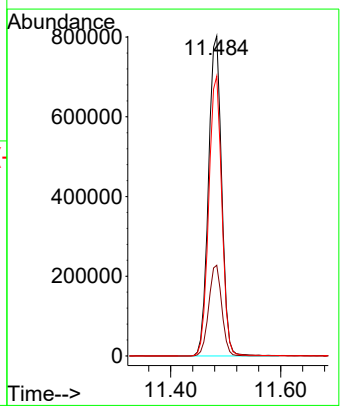
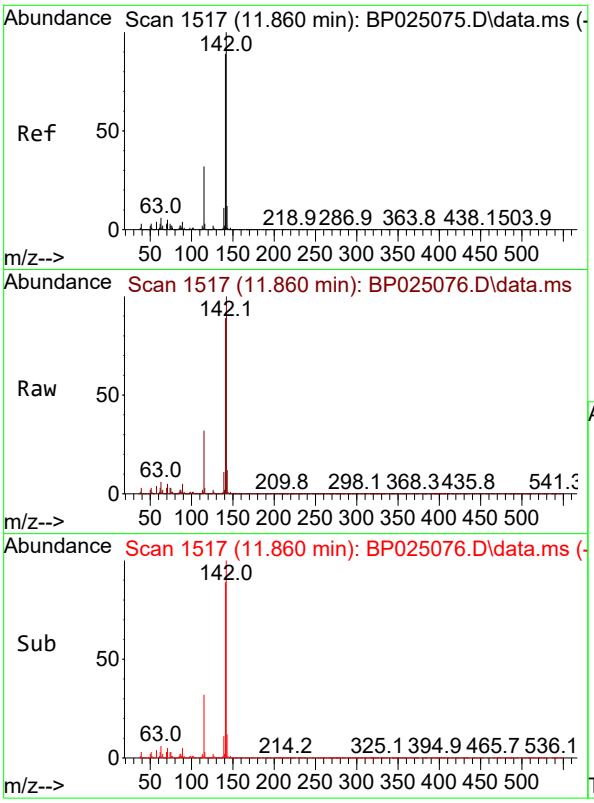


#36
4-Chloro-3-methylphenol
Concen: 50.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1335155

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	87.5	69.6	104.4

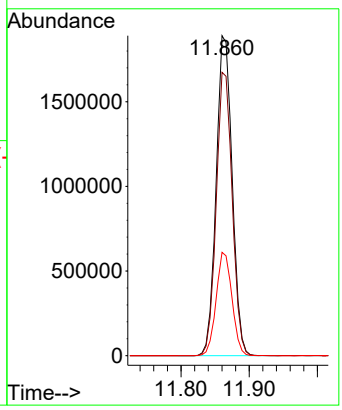




#37
2-Methylnaphthalene
Concen: 49.170 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 308417

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	32.3	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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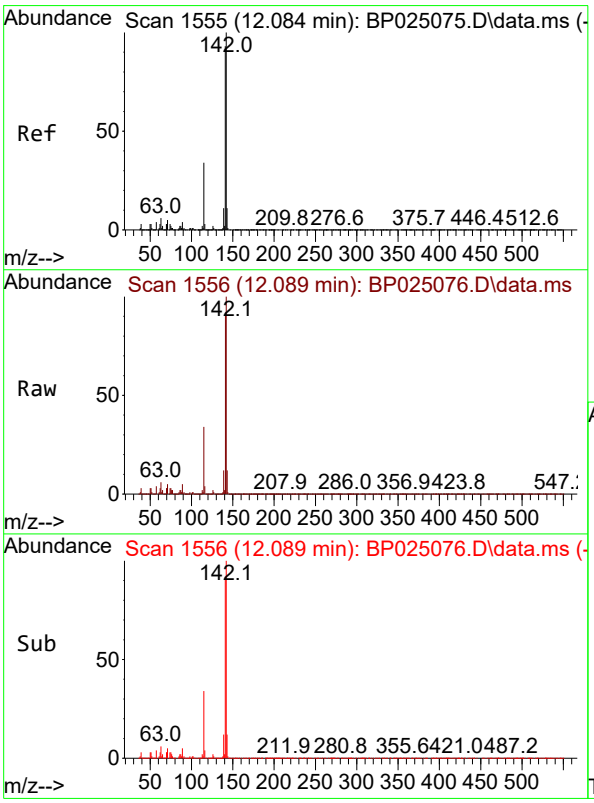
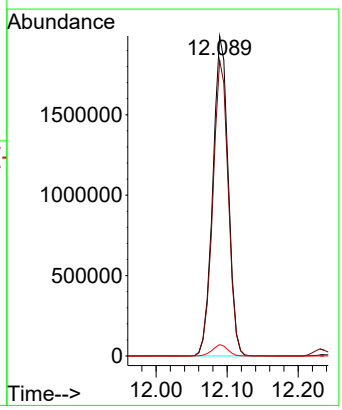
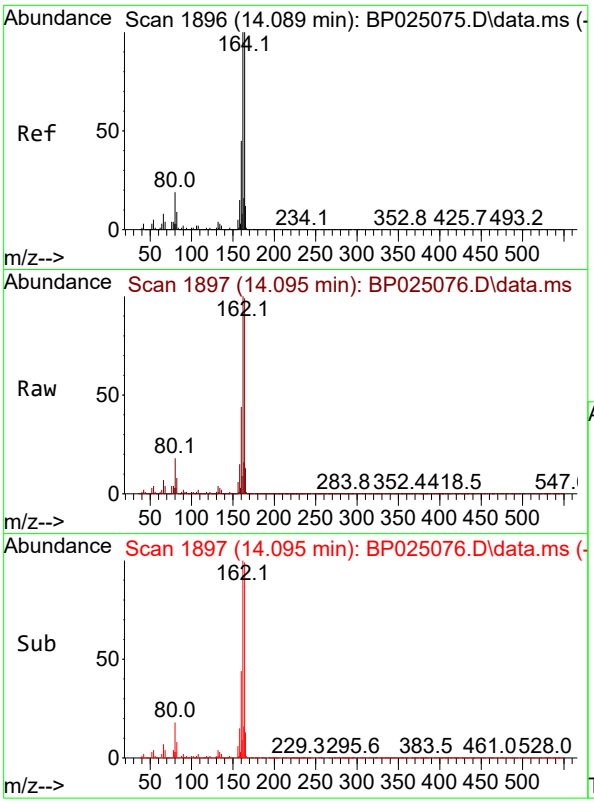


#38
1-Methylnaphthalene
Concen: 48.774 ng
RT: 12.089 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 2983697

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1
116	3.5	2.7	4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 111710

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.9	35.9	53.9

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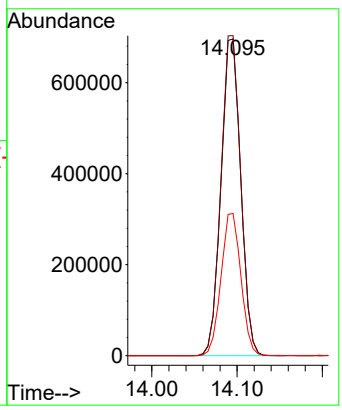
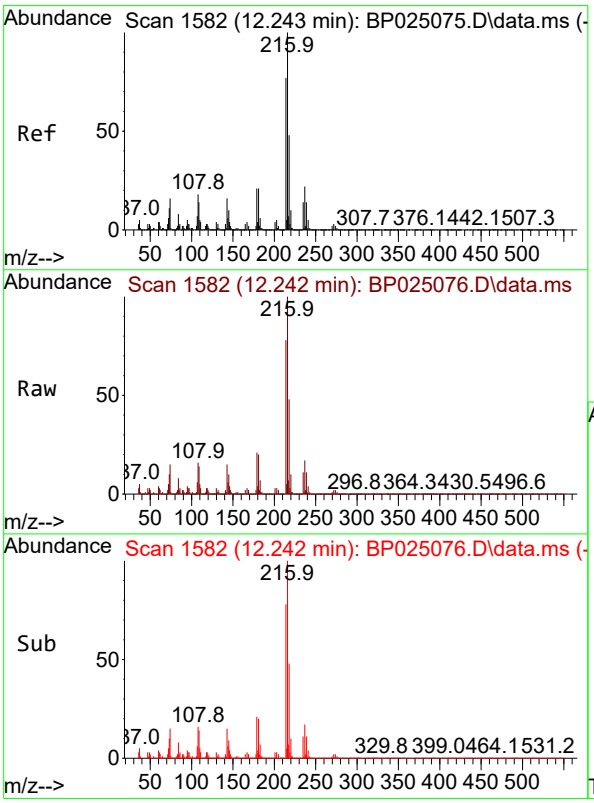
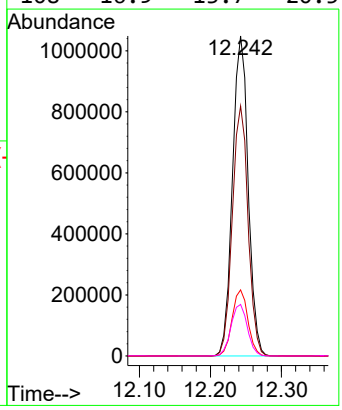


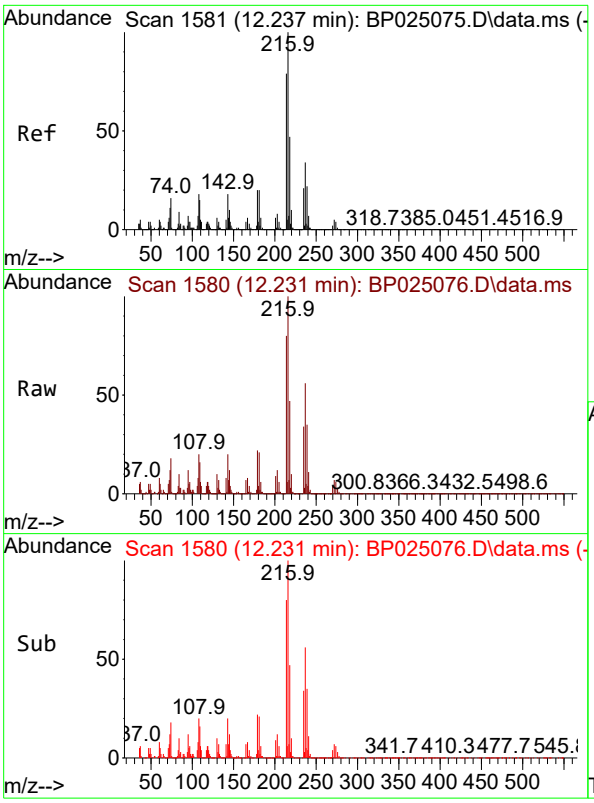


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.237 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:216 Resp: 1612893

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 53.975 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 45263

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.6	81.6
272	13.4	0.0	33.6

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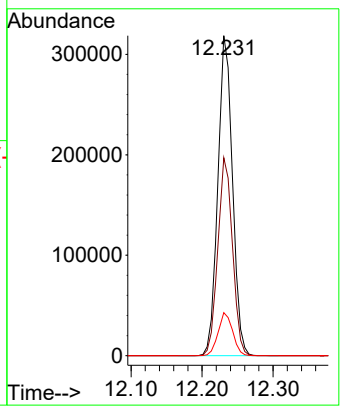
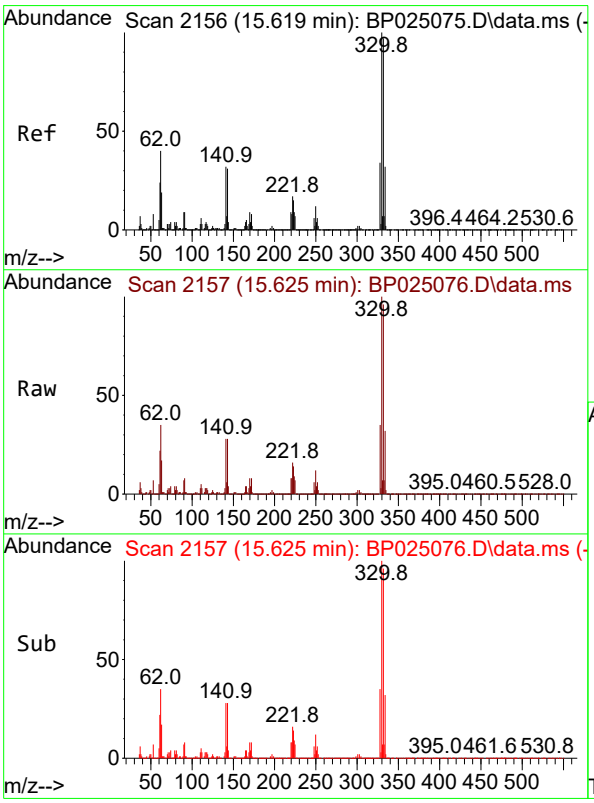
Supervised By :Jagrut Upadhyay 07/07/2025

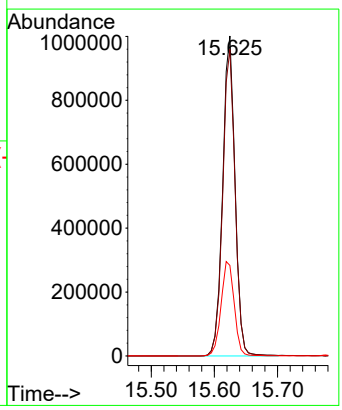


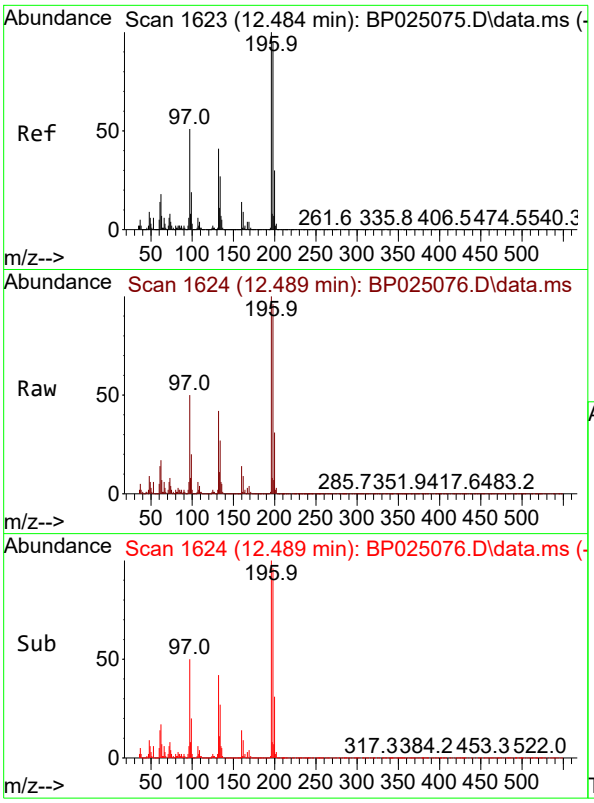


#42
2,4,6-Tribromophenol
Concen: 103.255 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:330 Resp: 1362624

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	31.6	26.0	39.0

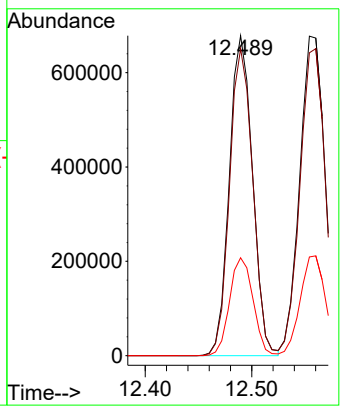




#43
2,4,6-Trichlorophenol
Concen: 52.823 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 102690

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	30.6	24.3	36.5



Instrument :
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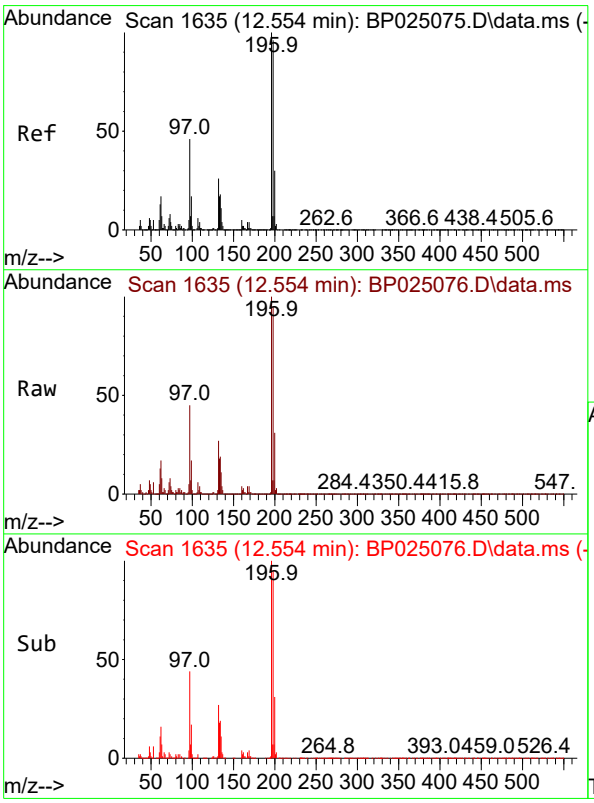
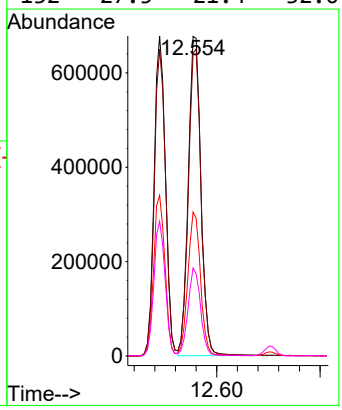
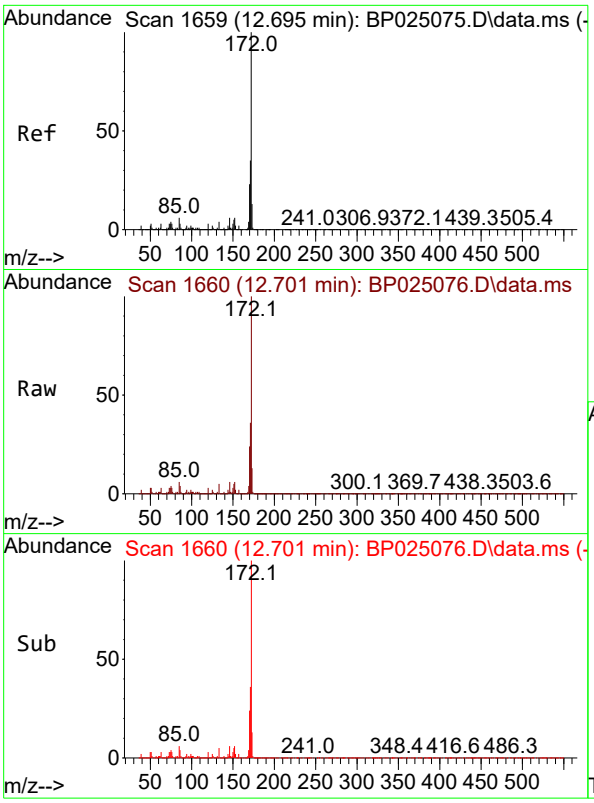


#44
2,4,5-Trichlorophenol
Concen: 52.275 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 1151711

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
97	45.0	36.6	55.0
132	27.5	21.4	32.0

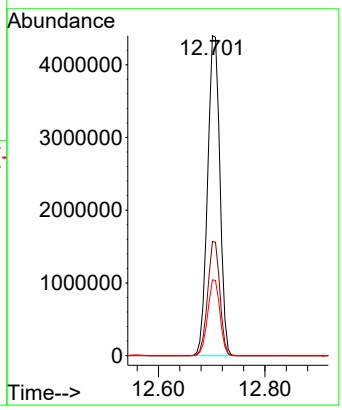




#45
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:172 Resp: 703749

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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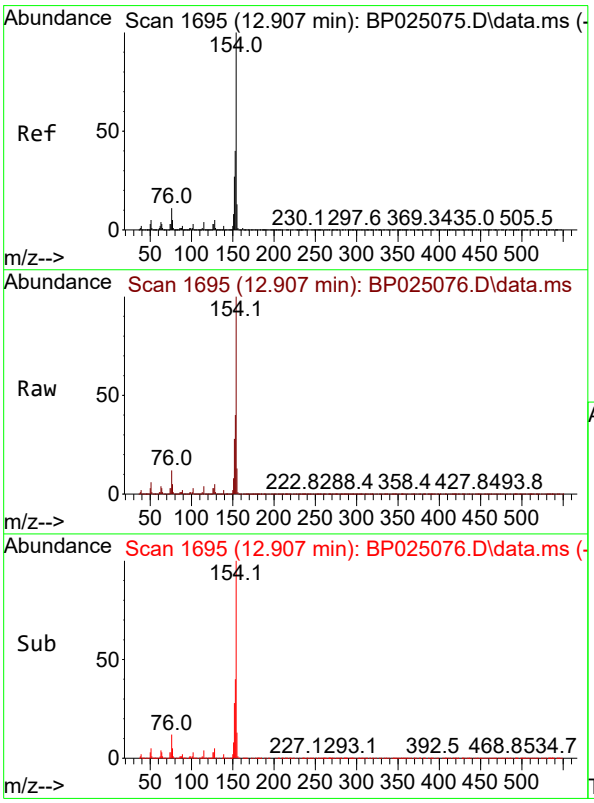
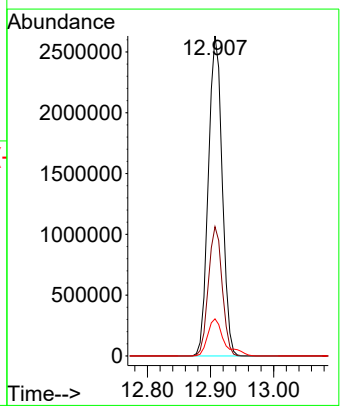
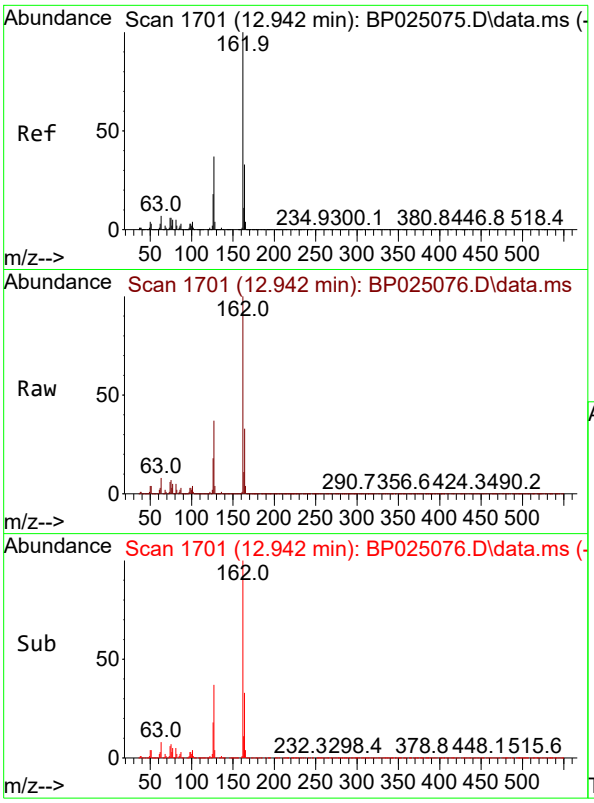


#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 4006544

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.6	0.0	31.5

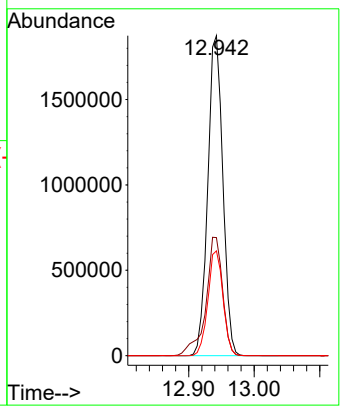




#47
2-Chloronaphthalene
Concen: 48.883 ng
RT: 12.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:162 Resp: 298624

Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.4	44.2
164	32.7	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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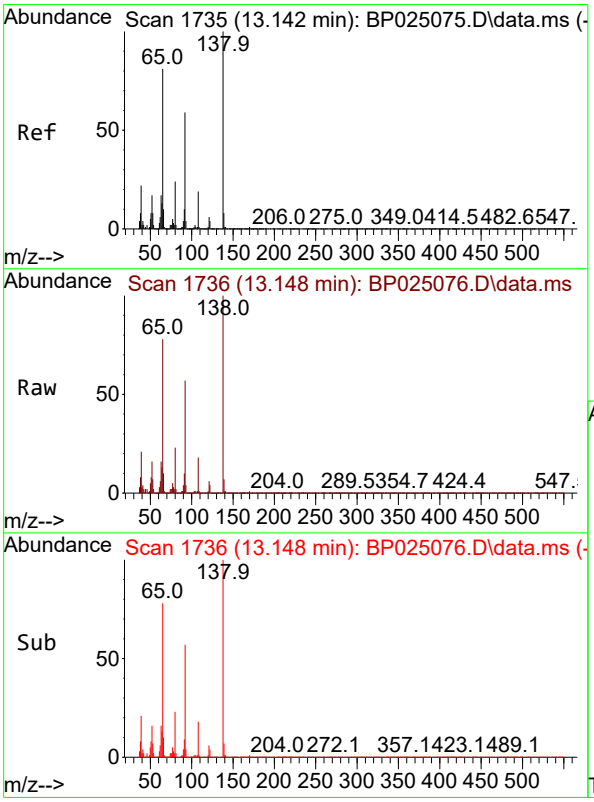
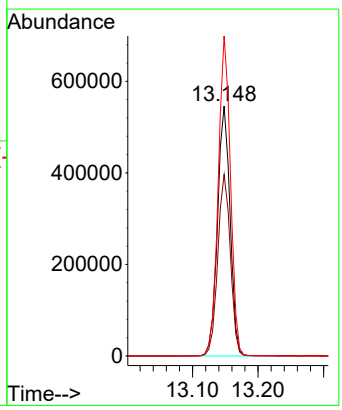
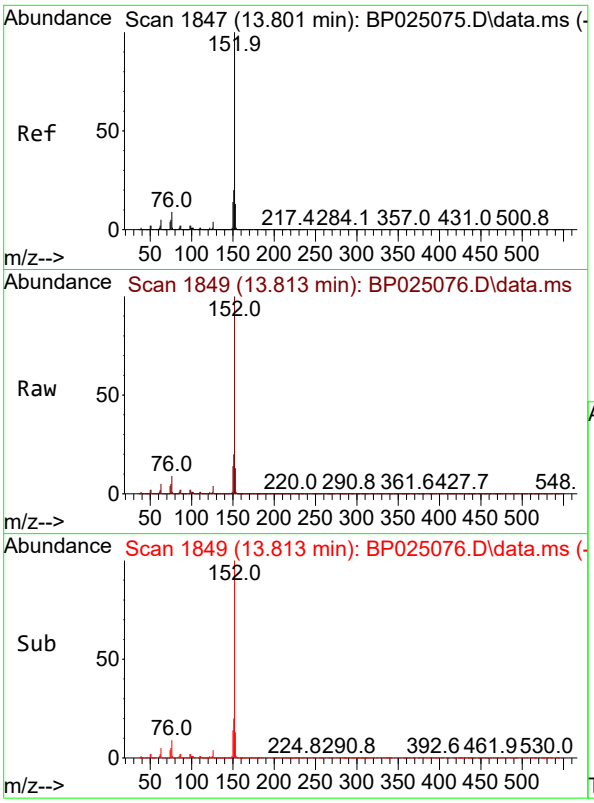


#48
2-Nitroaniline
Concen: 48.247 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 65 Resp: 722237

Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.7	88.1
138	128.1	99.0	148.4

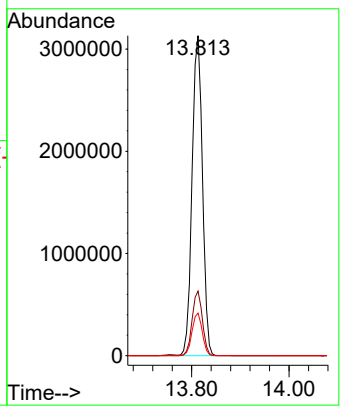




#49
Acenaphthylene
Concen: 49.571 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:152 Resp: 463492

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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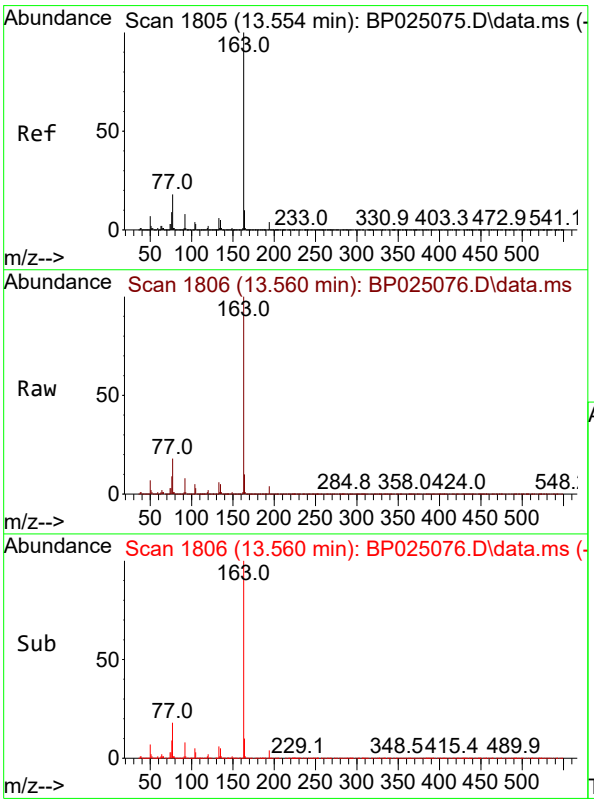
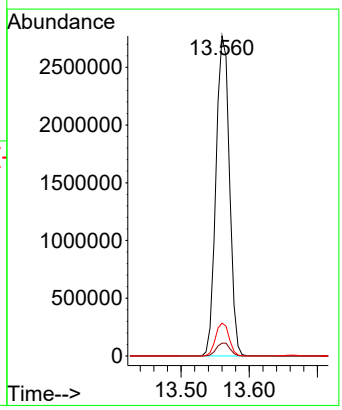
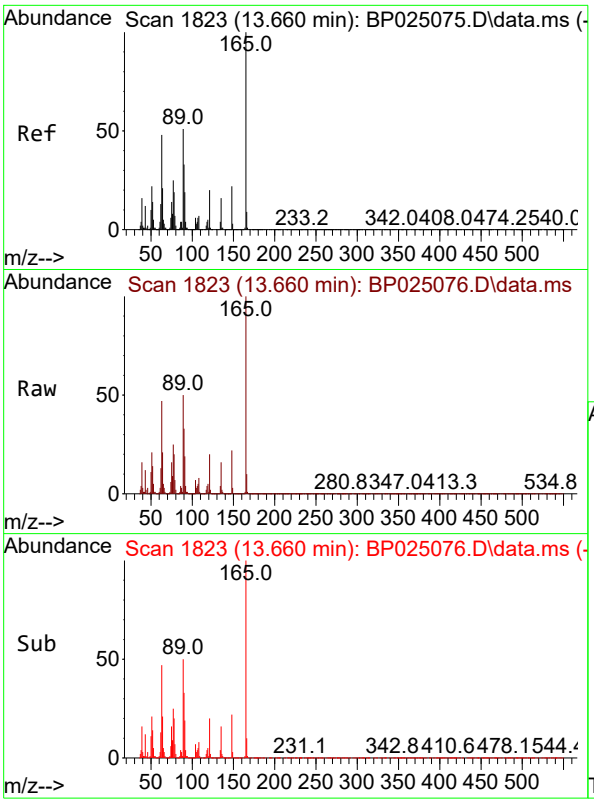


#50
Dimethylphthalate
Concen: 48.733 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:163 Resp: 3810769

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 53.202 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:165 Resp: 81137

Ion	Ratio	Lower	Upper
165	100		
63	46.7	38.5	57.7
89	50.1	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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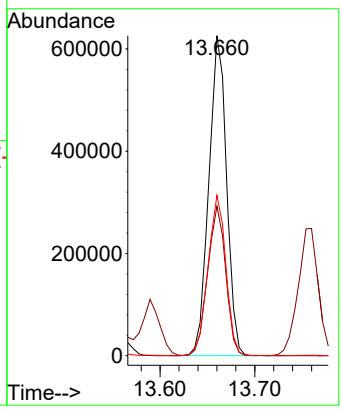
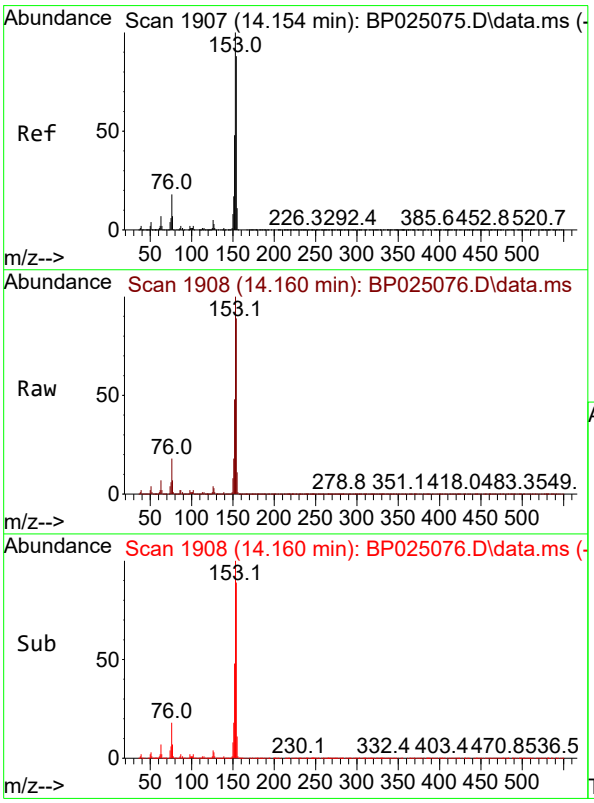
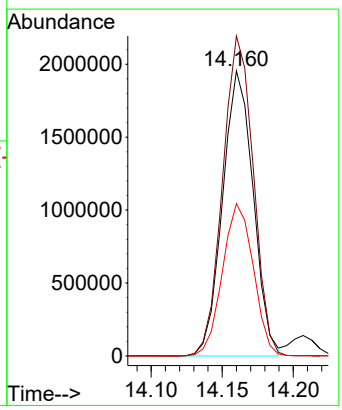


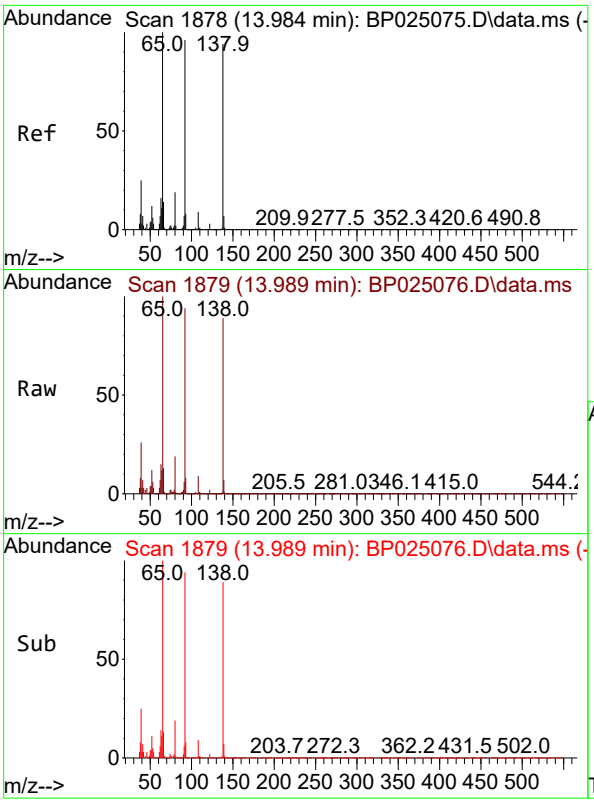


#52
Acenaphthene
Concen: 48.515 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 2923605

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.6	136.0
152	53.4	43.8	65.8





#53
3-Nitroaniline
Concen: 52.965 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 8656

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	105.7	81.0	121.4

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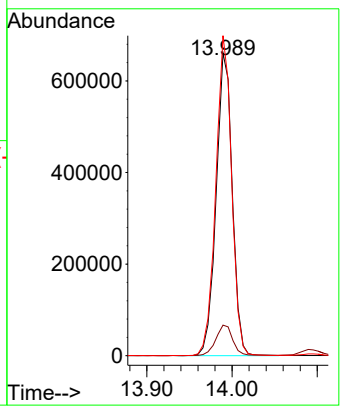
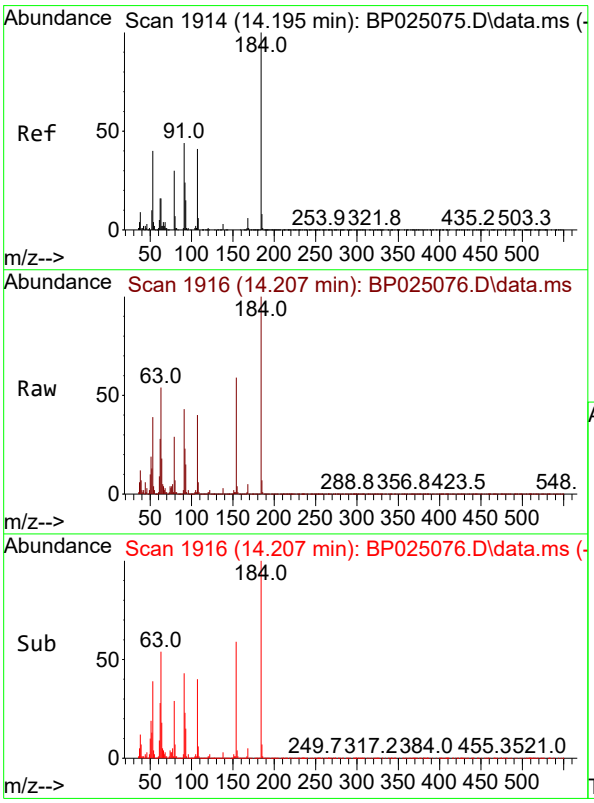
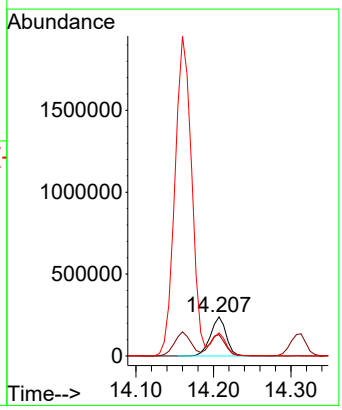


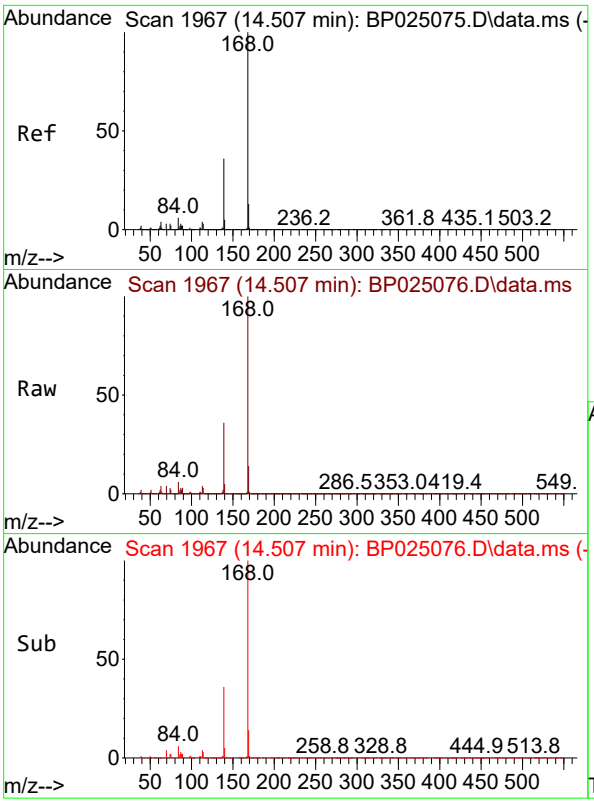


#54
2,4-Dinitrophenol
Concen: 47.384 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 335631

Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.4	71.0
154	59.1	47.8	71.8

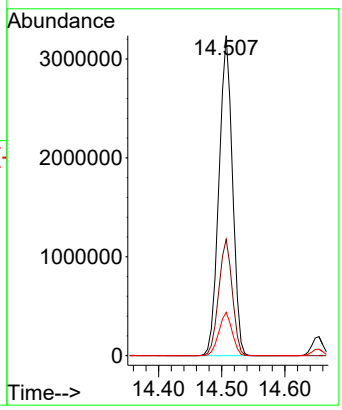




#55
Dibenzofuran
Concen: 48.287 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:168 Resp: 480234

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.5	10.7	16.1



Instrument :
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ClientSampleId :
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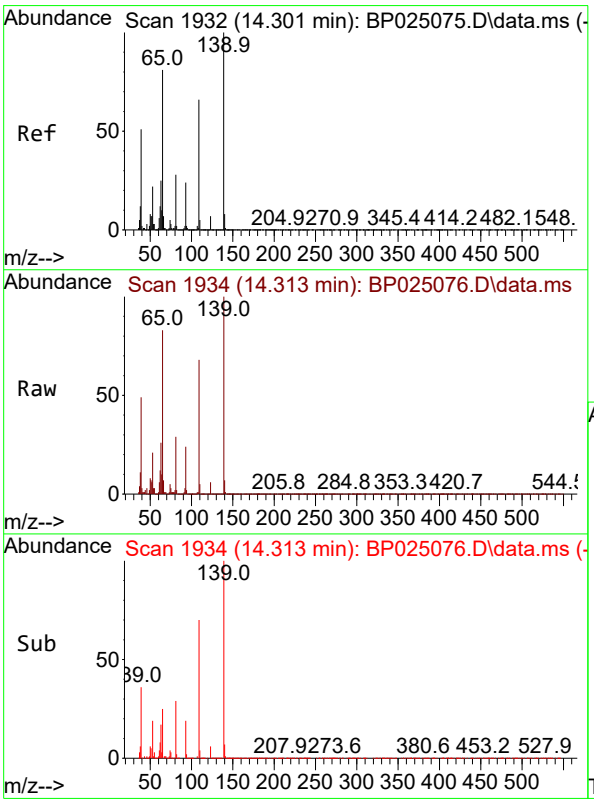
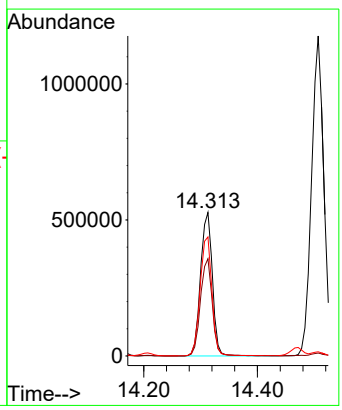
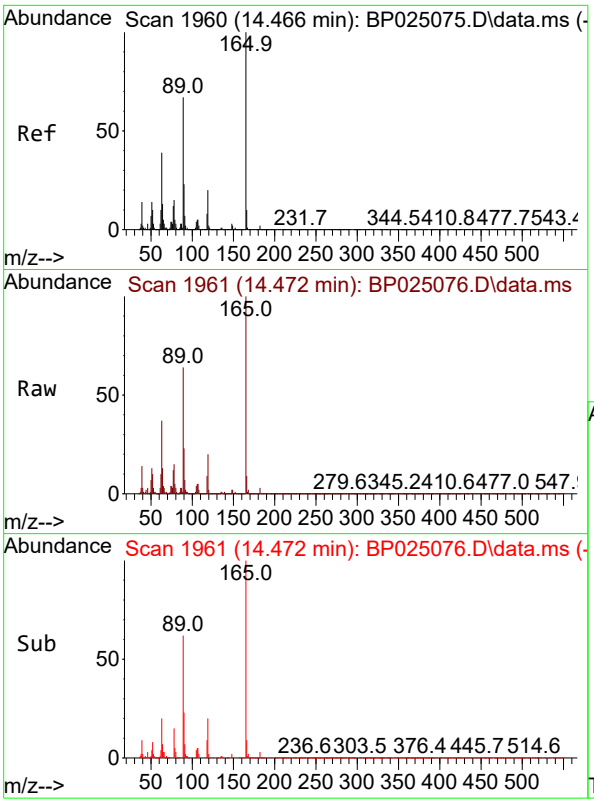


#56
4-Nitrophenol
Concen: 50.679 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 764396

Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.9	85.9
65	83.0	61.4	101.4

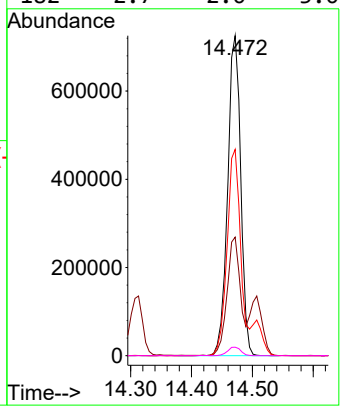




#57
2,4-Dinitrotoluene
Concen: 48.291 ng
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:165 Resp: 108127

Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.4
89	64.5	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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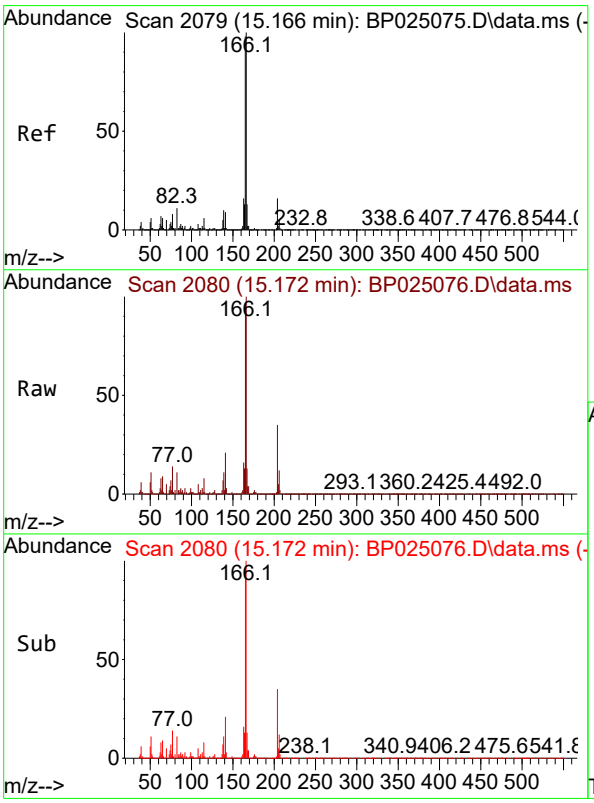
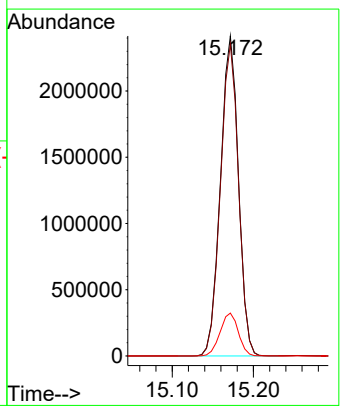
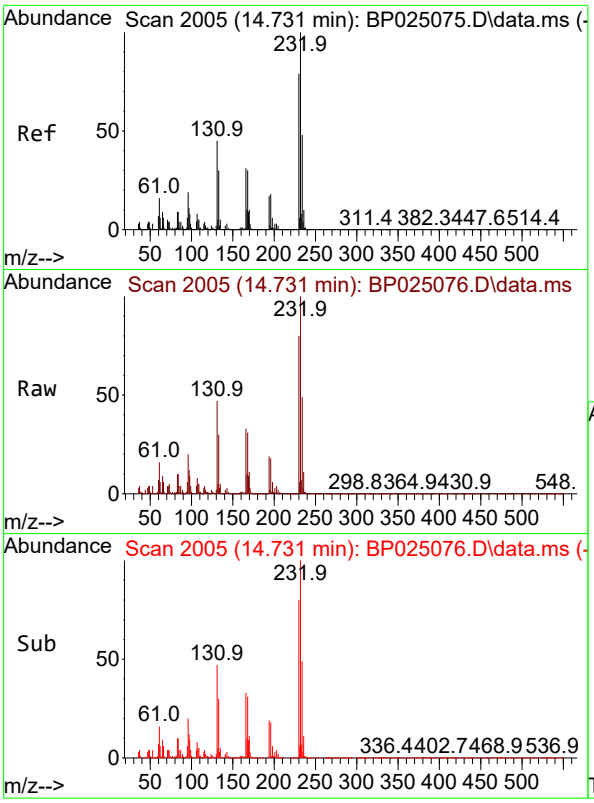


#58
Fluorene
Concen: 48.458 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:166 Resp: 3727642

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.4	10.7	16.1

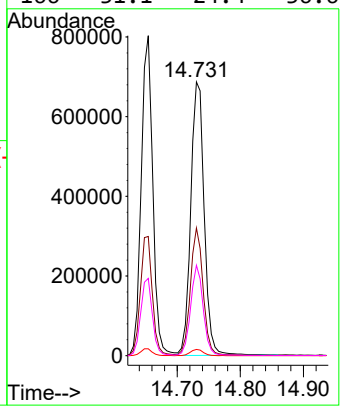




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.872 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:232 Resp: 101496

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.2	1.8	2.6
166	31.1	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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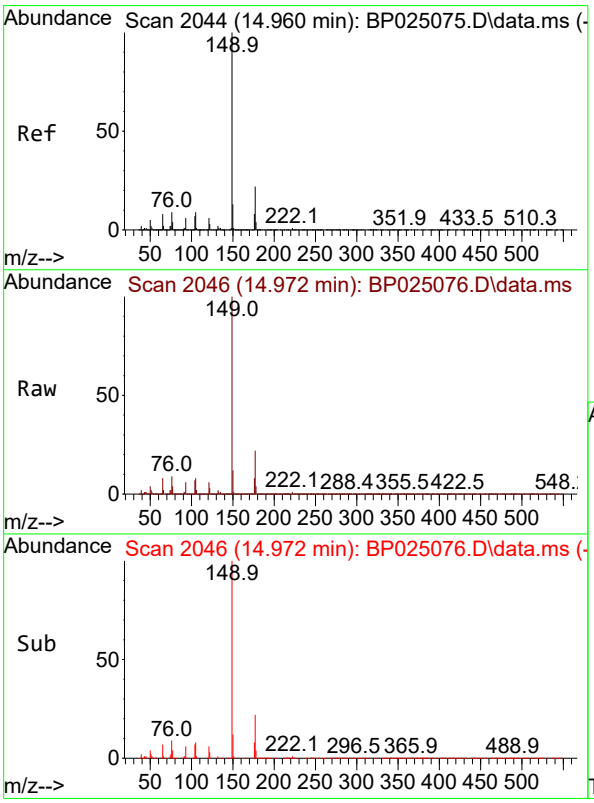
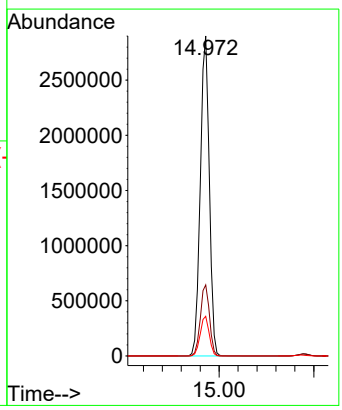
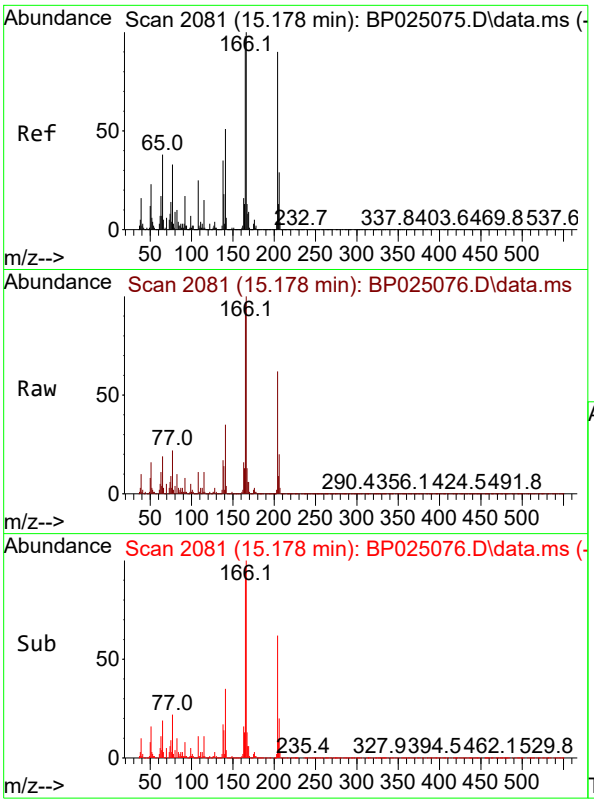


#60
Diethylphthalate
Concen: 48.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 3816042

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.4	10.2	15.2

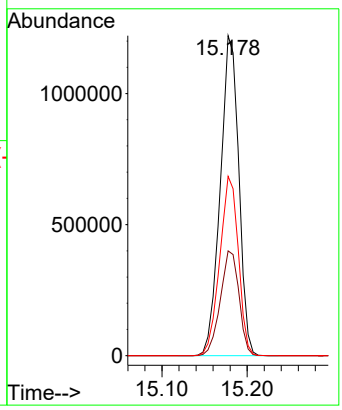




#61
4-Chlorophenyl-phenylether
Concen: 48.332 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:204 Resp: 183997

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	56.1	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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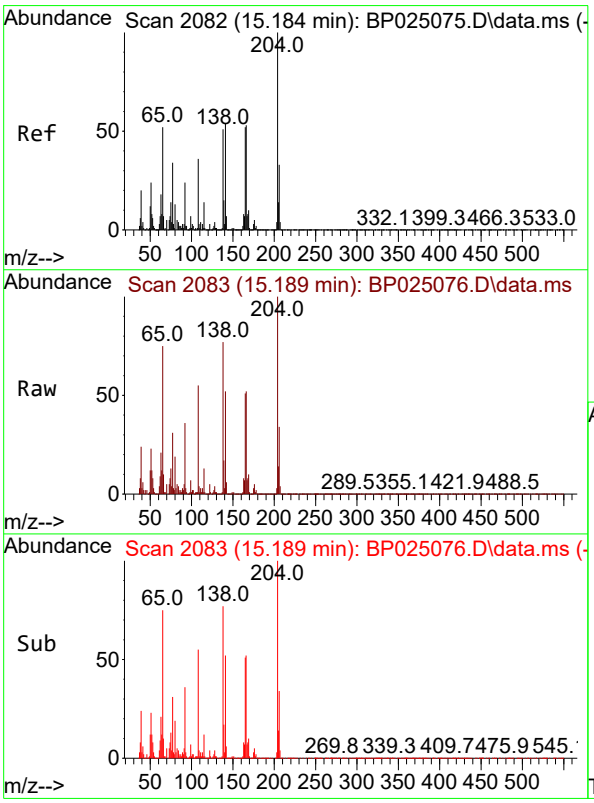
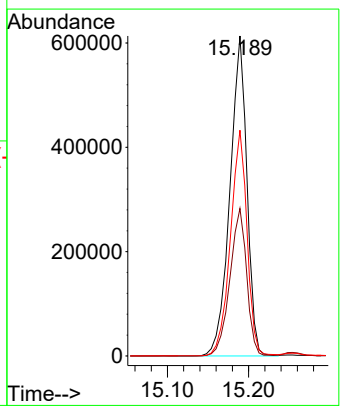
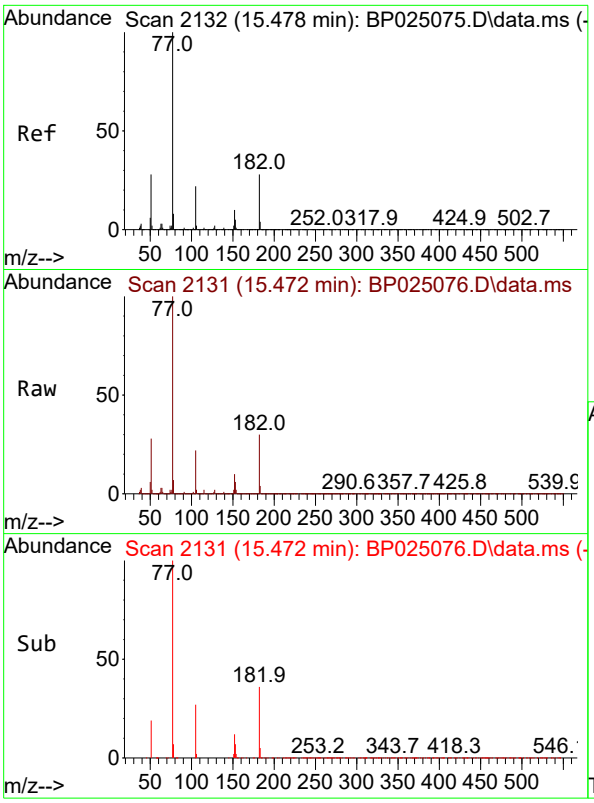


#62
4-Nitroaniline
Concen: 51.948 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:138 Resp: 890284

Ion	Ratio	Lower	Upper
138	100		
92	46.1	26.0	66.0
108	70.5	50.0	90.0

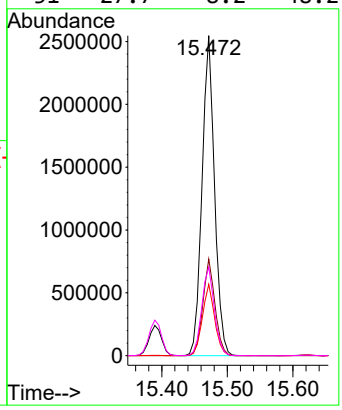




#63
Azobenzene
Concen: 48.355 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 338184

Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.7	47.7
105	22.3	1.9	41.9
51	27.7	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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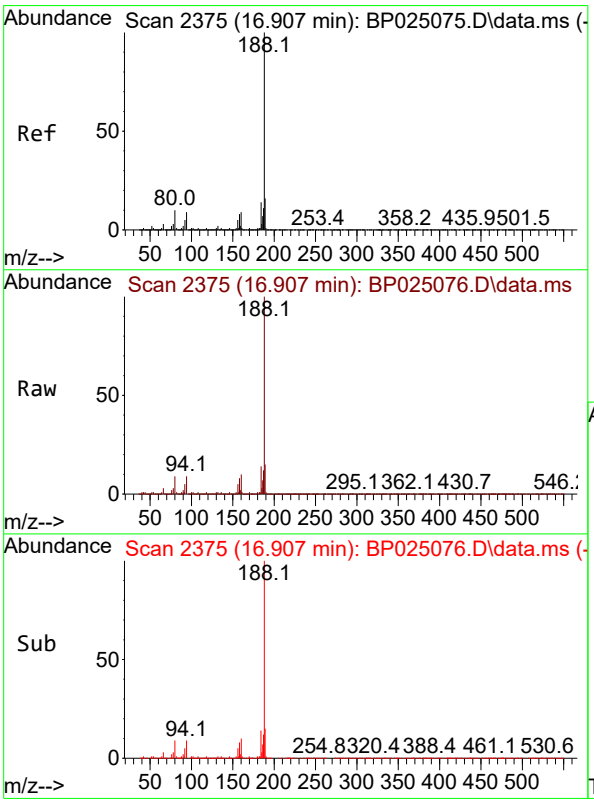
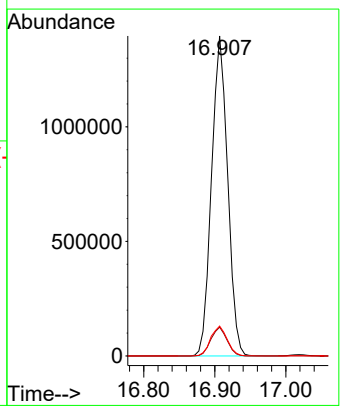
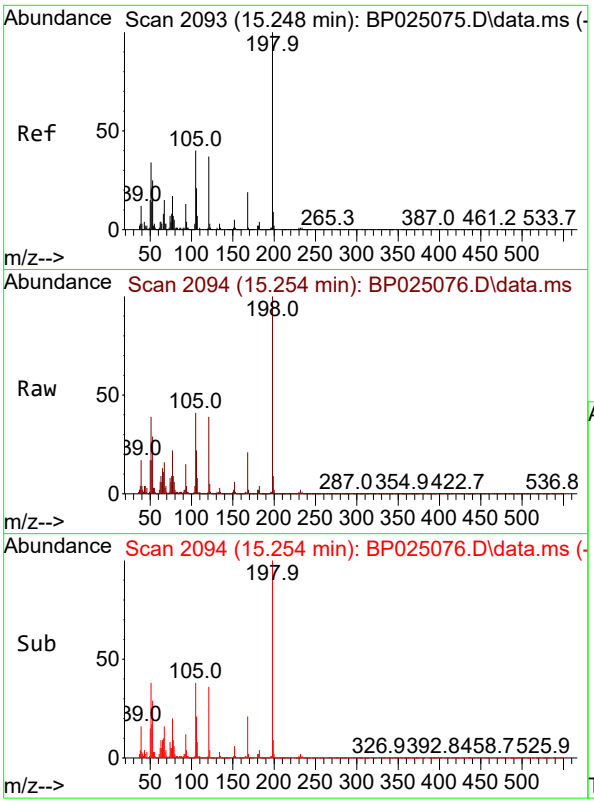


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:188 Resp: 2198784

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.4	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.762 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:198 Resp: 48891

Ion	Ratio	Lower	Upper
198	100		
51	39.3	16.8	56.8
105	41.3	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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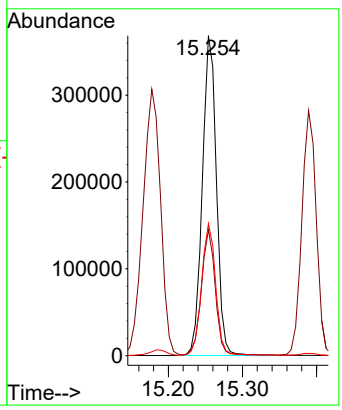
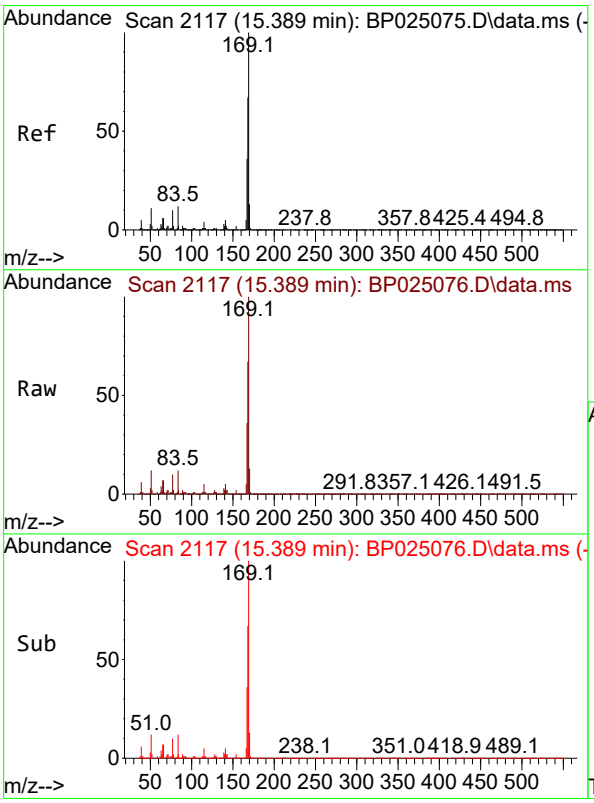
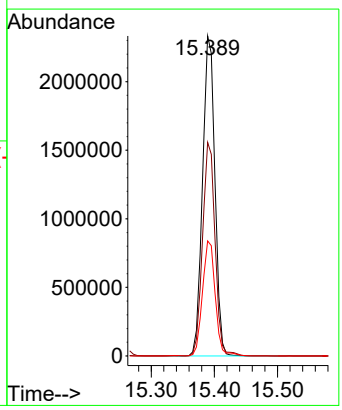


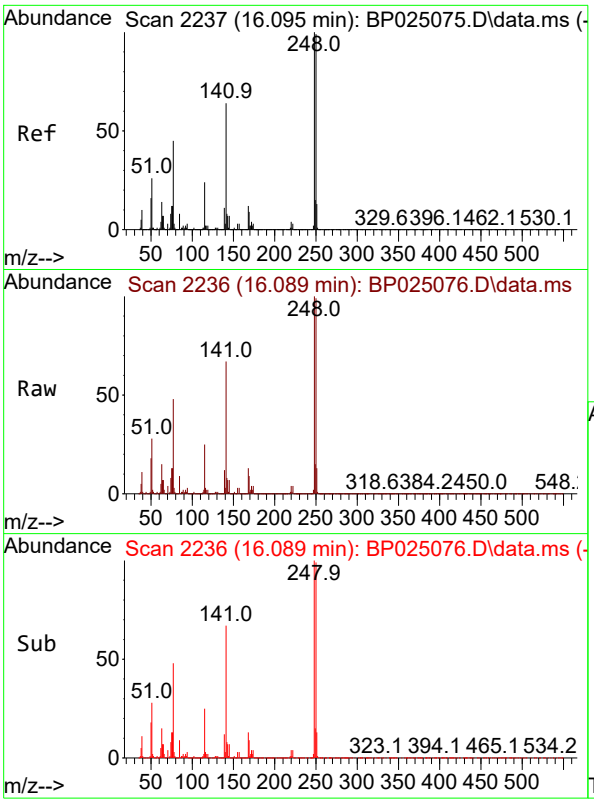


#66
n-Nitrosodiphenylamine
Concen: 50.162 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:169 Resp: 3156476

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.0	29.0	43.6

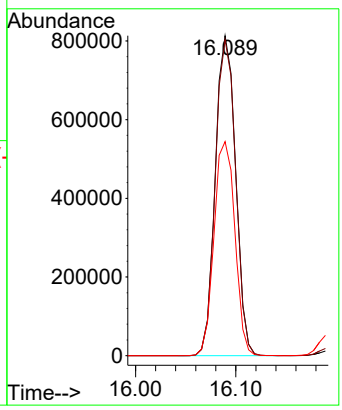




#67
4-Bromophenyl-phenylether
Concen: 50.881 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:248 Resp: 114549

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	66.9	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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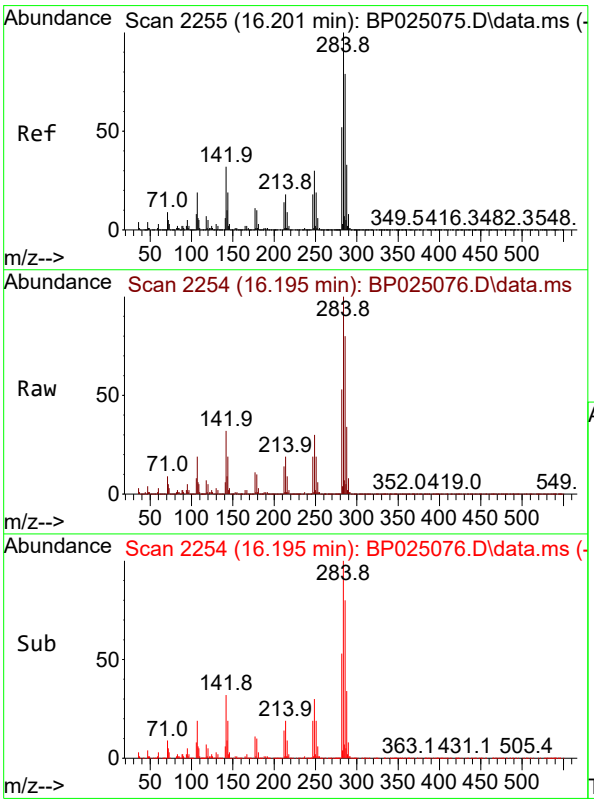
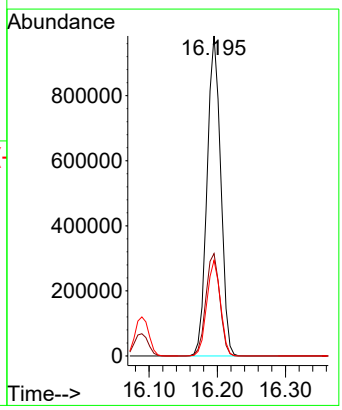
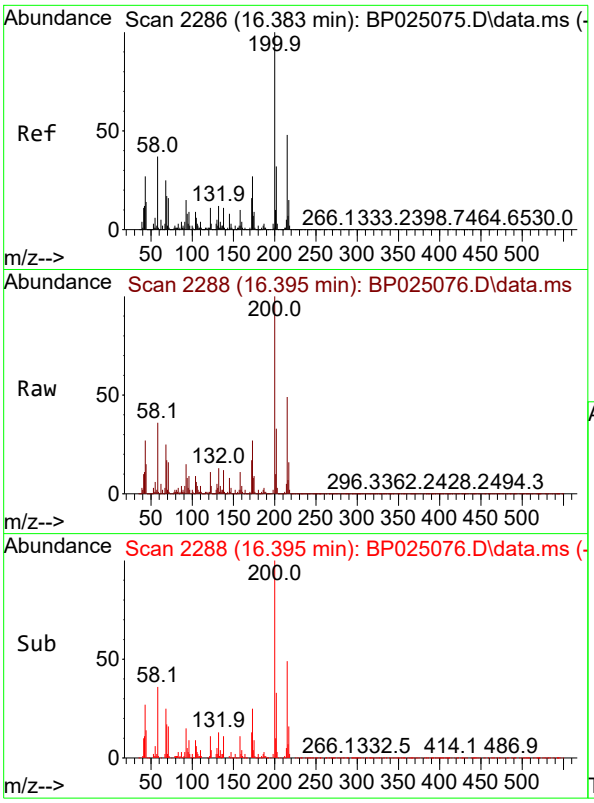


#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:284 Resp: 1365447

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.9	23.8	35.8





#69
Atrazine
Concen: 50.863 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:200 Resp: 93788

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.6	28.0	68.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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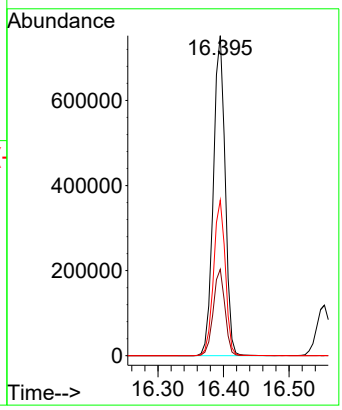
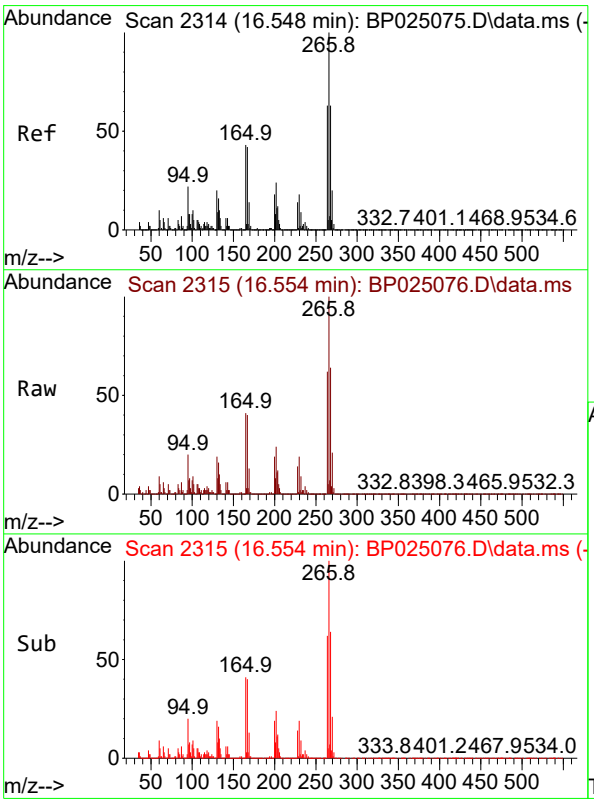
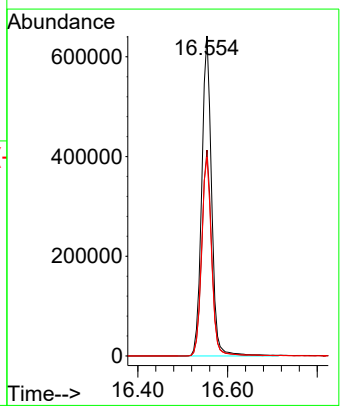


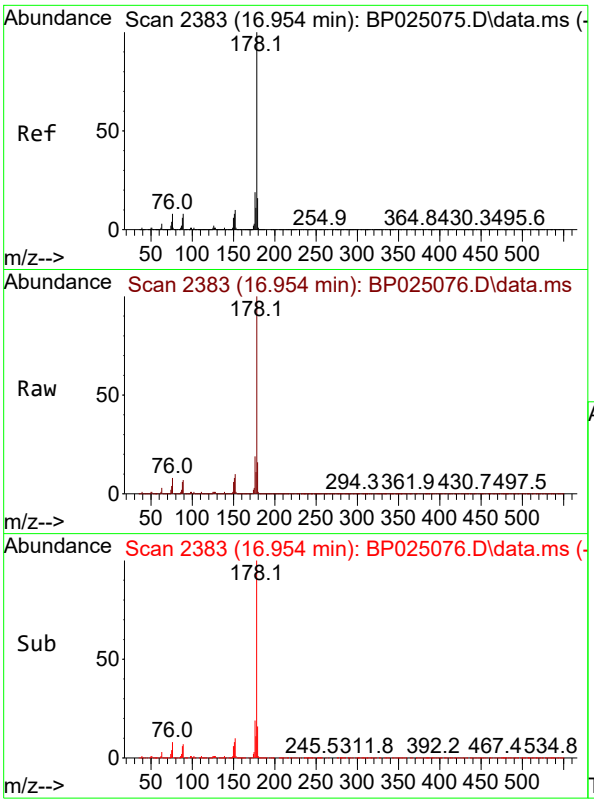


#70
Pentachlorophenol
Concen: 52.511 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:266 Resp: 975866

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.4	75.6
264	62.2	50.2	75.2

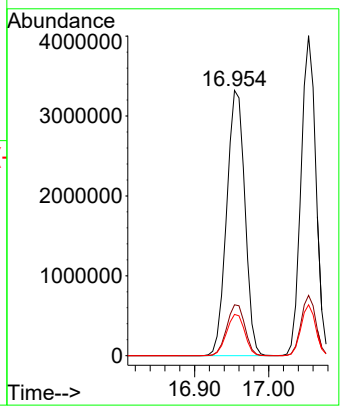




#71
Phenanthrene
Concen: 48.179 ng
RT: 16.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 566055

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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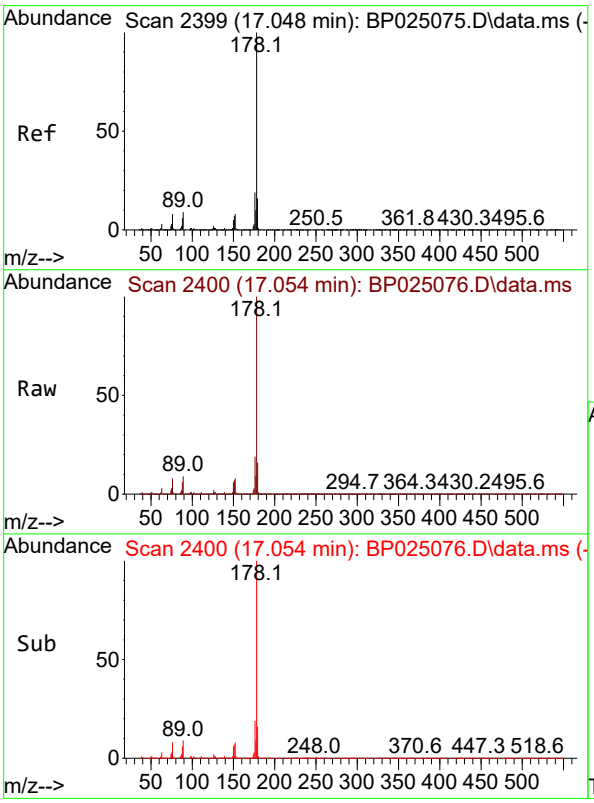
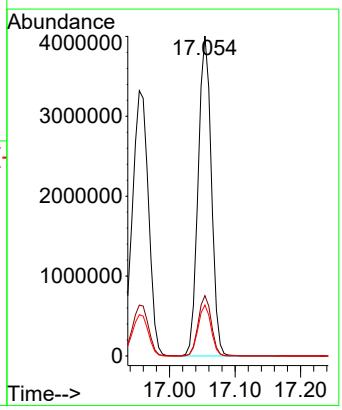
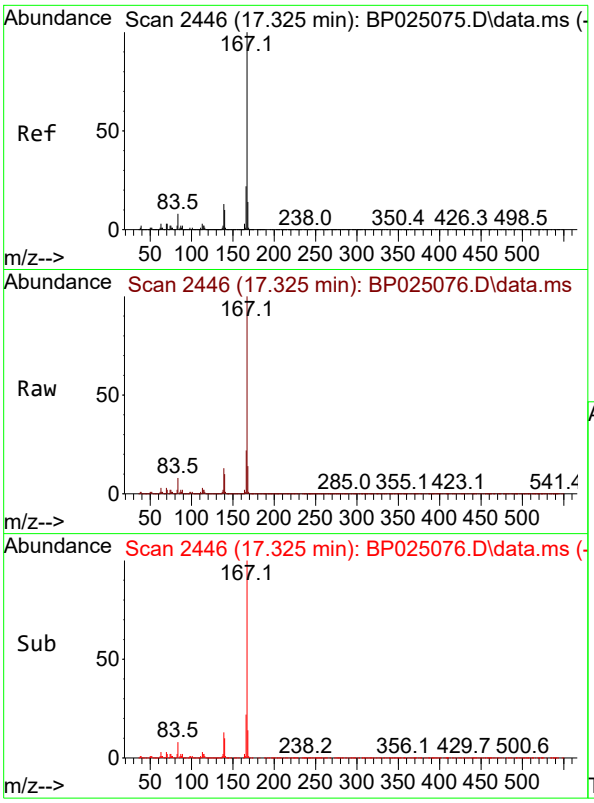


#72
Anthracene
Concen: 49.812 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 5614698

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.9	12.5	18.7

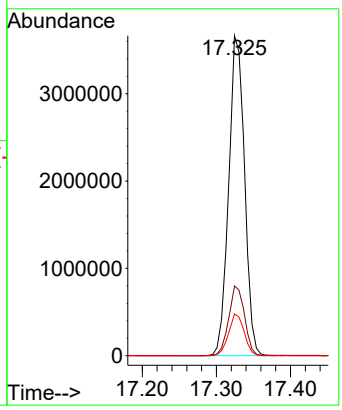




#73
Carbazole
Concen: 49.399 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:167 Resp: 544419

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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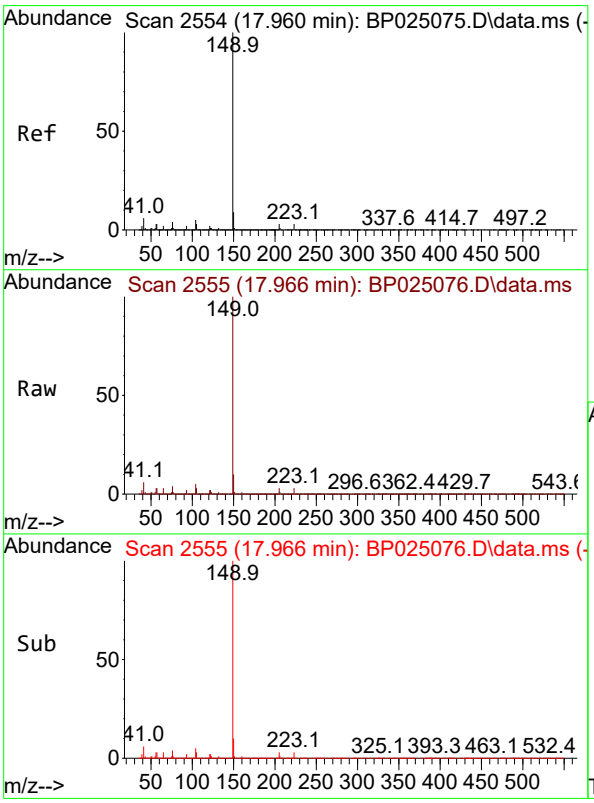
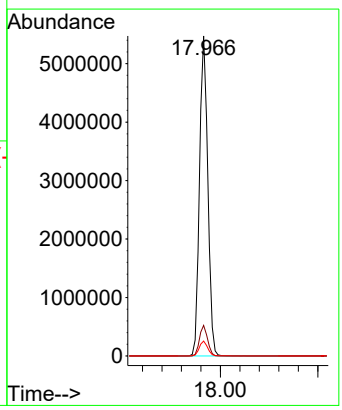
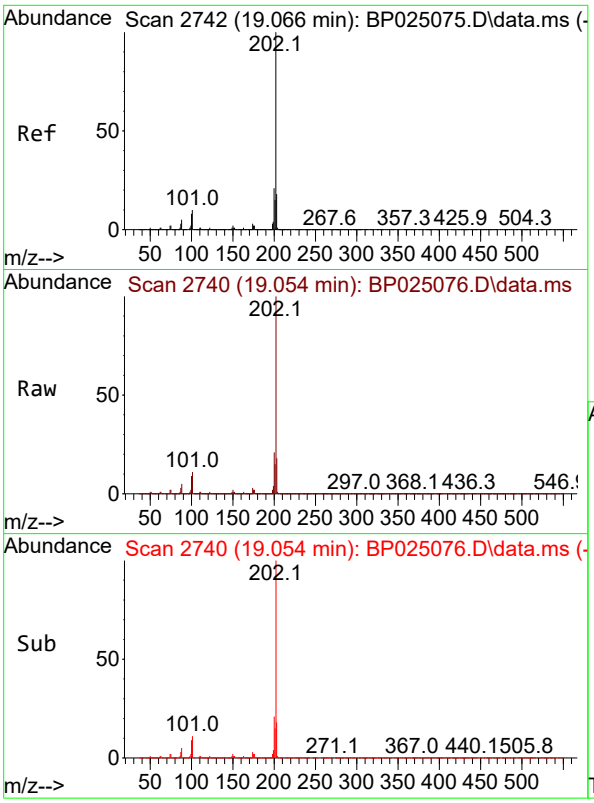


#74
Di-n-butylphthalate
Concen: 52.713 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6469226

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6





#75
Fluoranthene
Concen: 49.995 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 686598

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.0	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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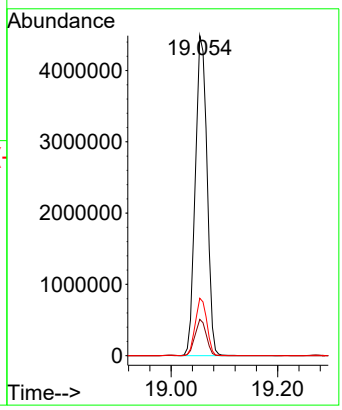
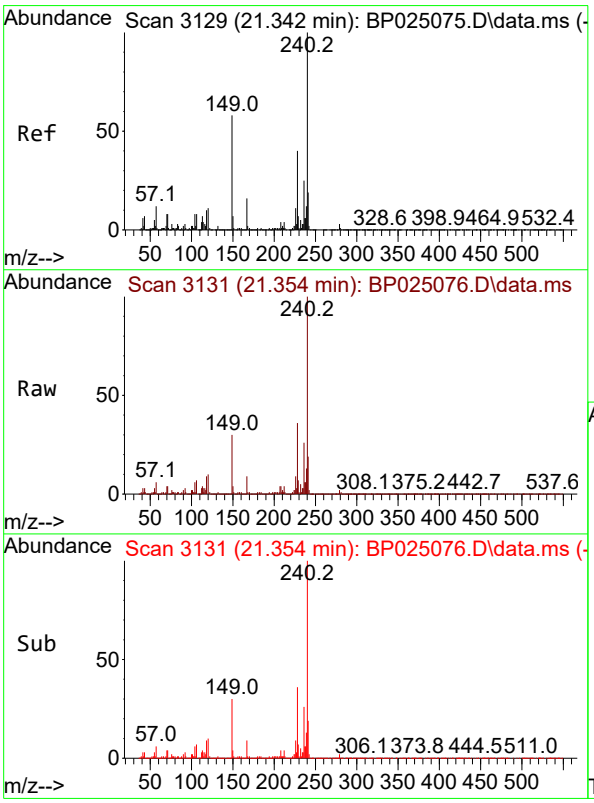
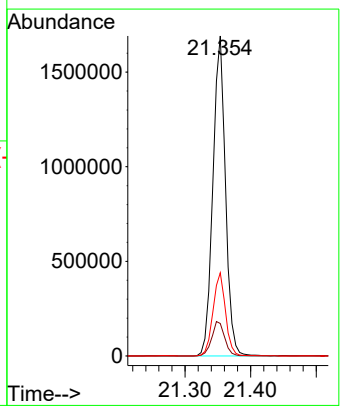


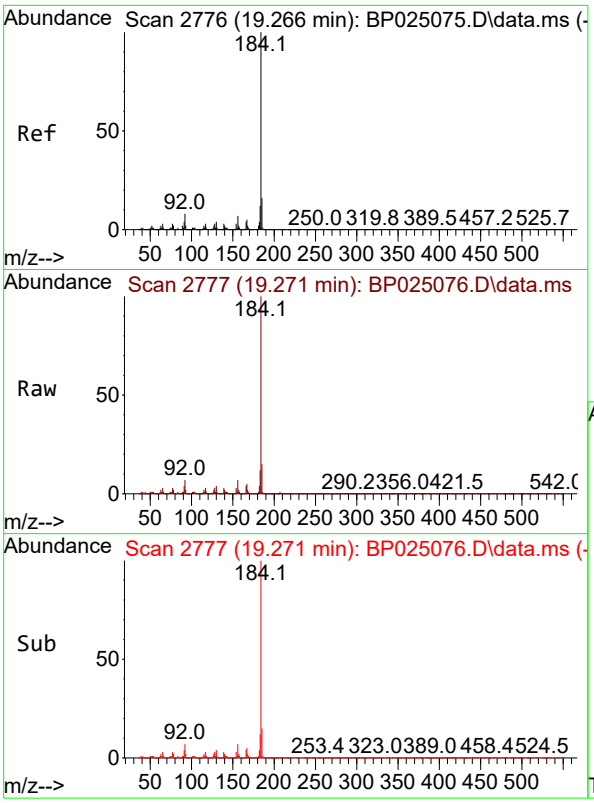


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:240 Resp: 2246809

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.0	20.3	30.5

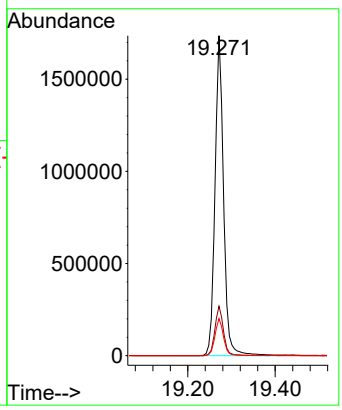




#77
Benzidine
Concen: 59.401 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 235715

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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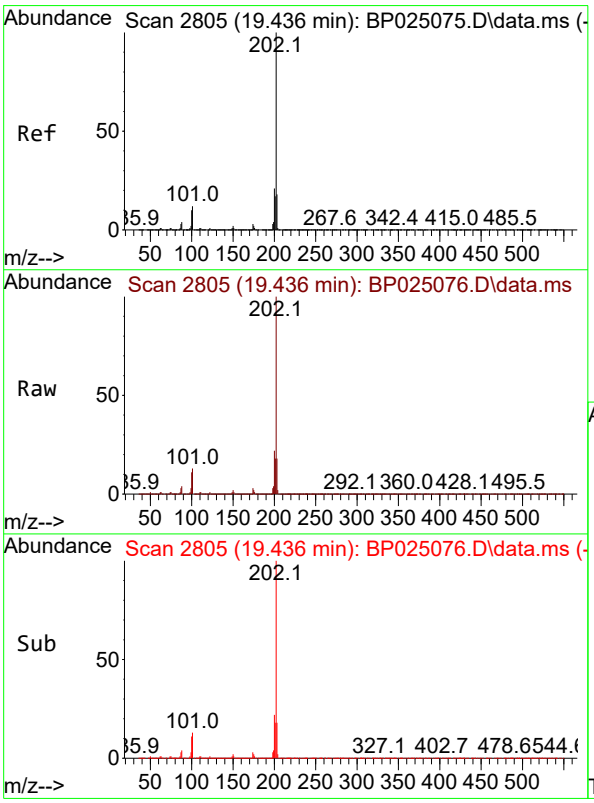
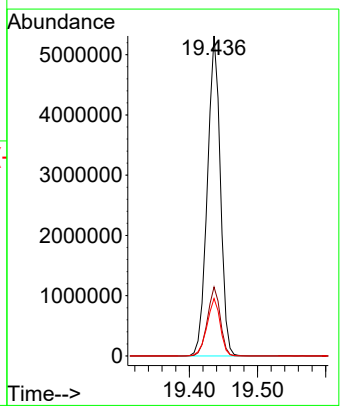
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

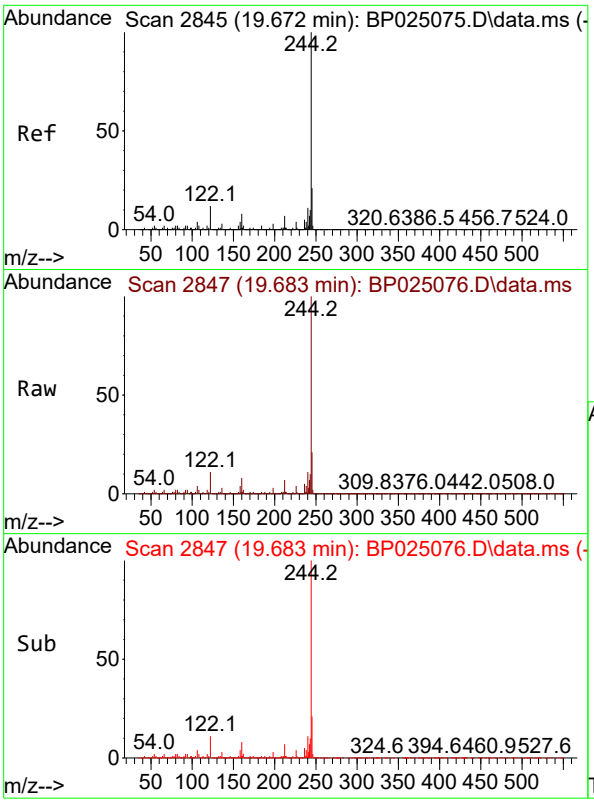


#78
Pyrene
Concen: 50.503 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 7028090

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.9	14.1	21.1

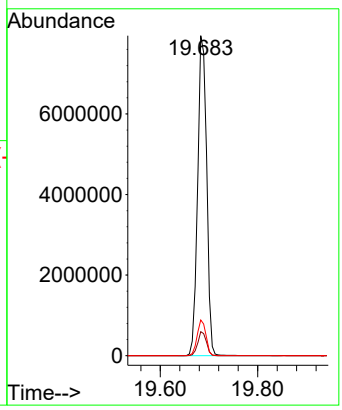




#79
Terphenyl-d14
Concen: 100.557 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:244 Resp:1028002

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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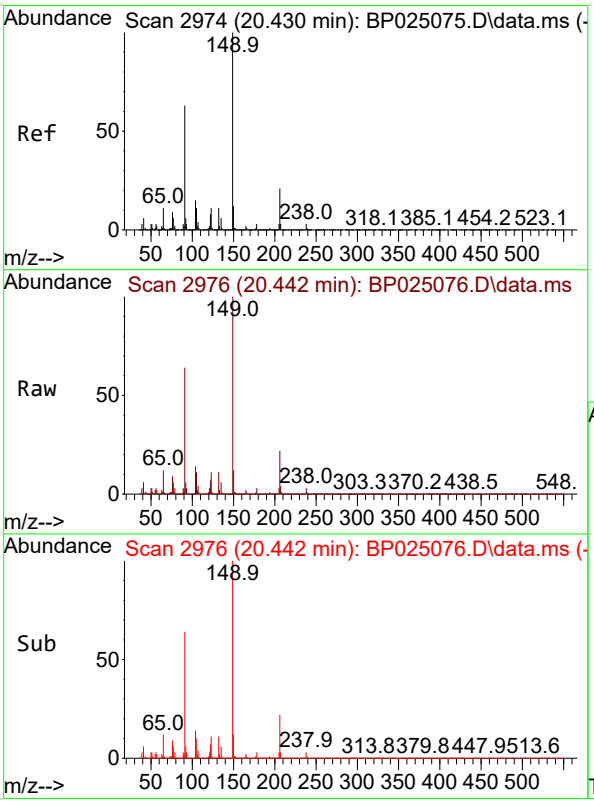
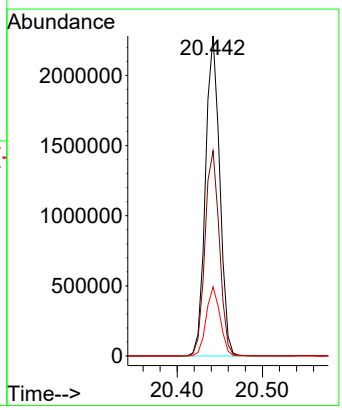
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

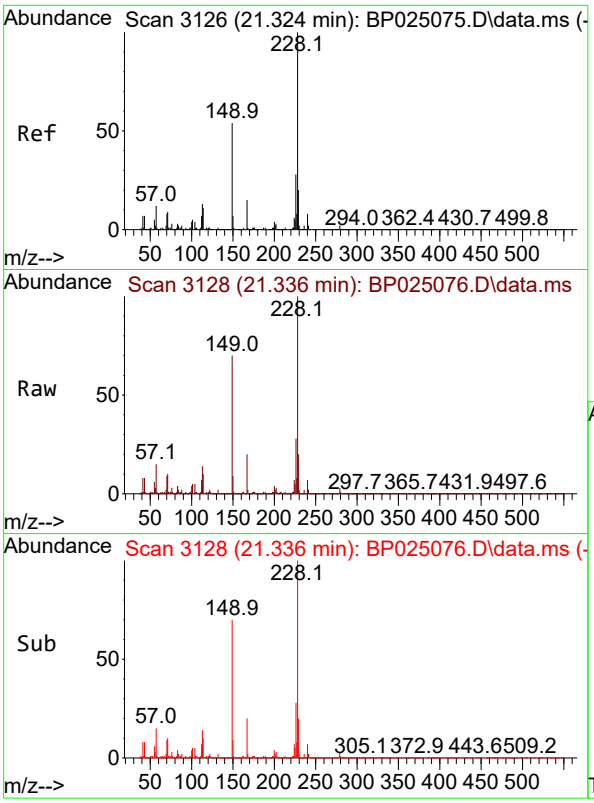


#80
Butylbenzylphthalate
Concen: 49.237 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 2645413

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	21.5	17.2	25.8

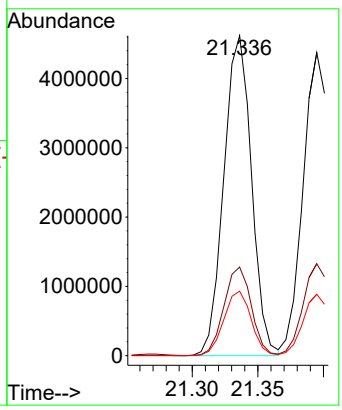




#81
Benzo(a)anthracene
Concen: 49.798 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:228 Resp: 678056

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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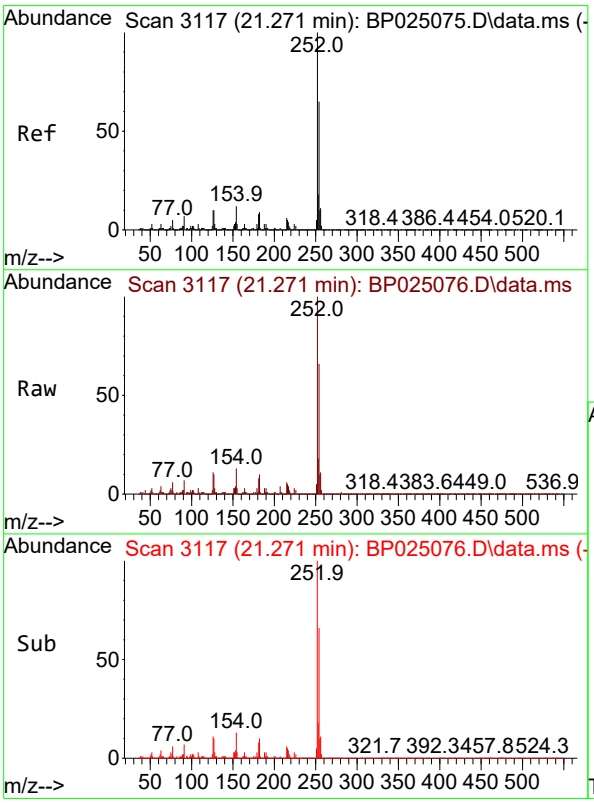
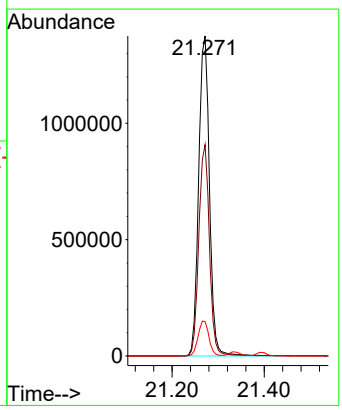
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

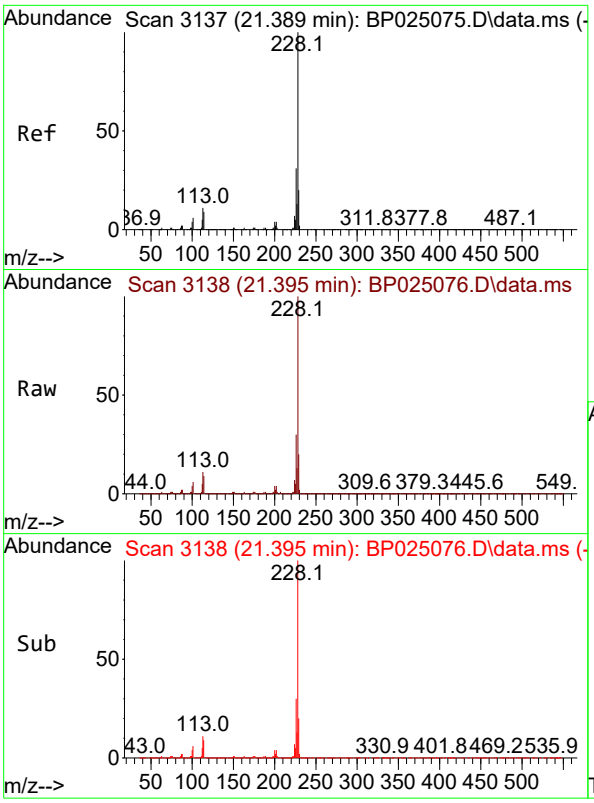


#82
3,3'-Dichlorobenzidine
Concen: 54.684 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 2241436

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.8	8.1	12.1

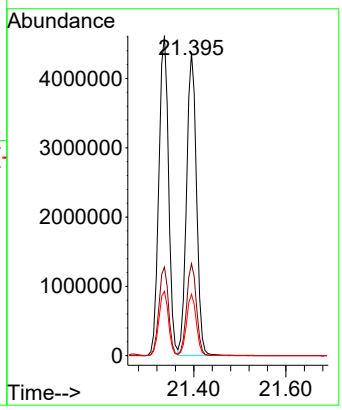




#83
Chrysene
Concen: 49.609 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:228 Resp: 650036

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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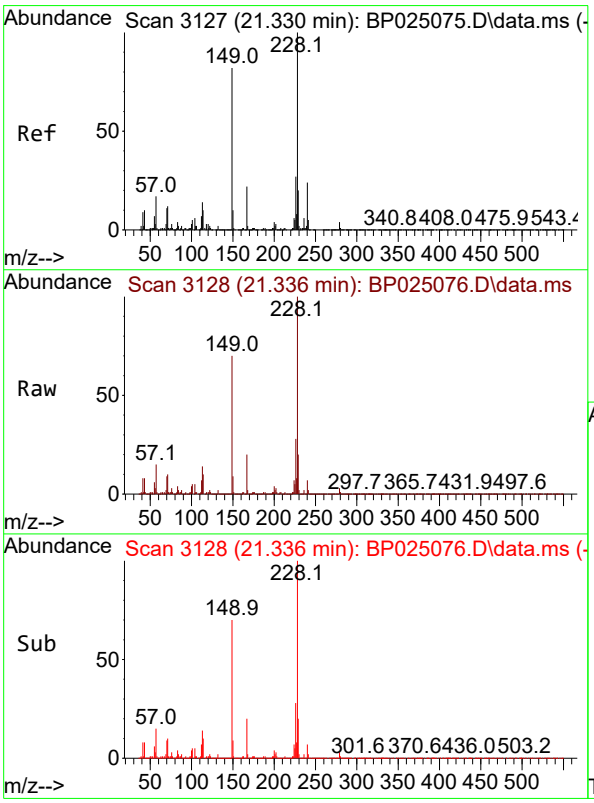
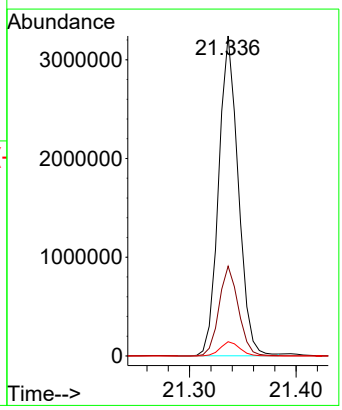
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

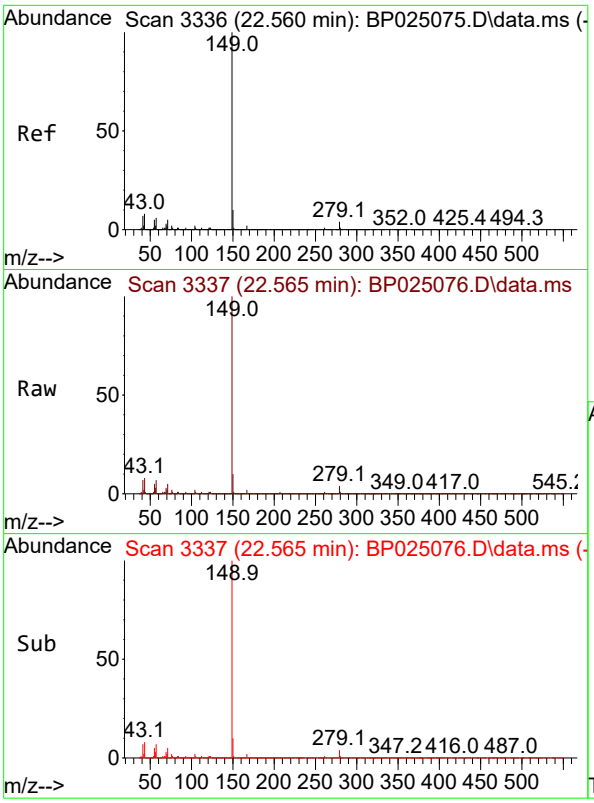


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.690 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 4140331

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.5	3.5	5.3

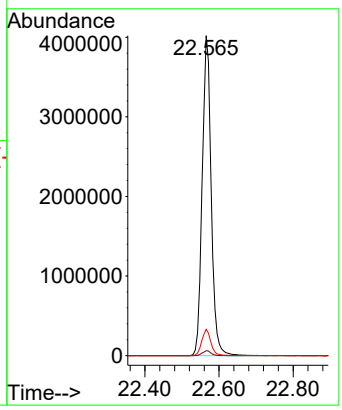




#85
Di-n-octyl phthalate
Concen: 50.271 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6776549

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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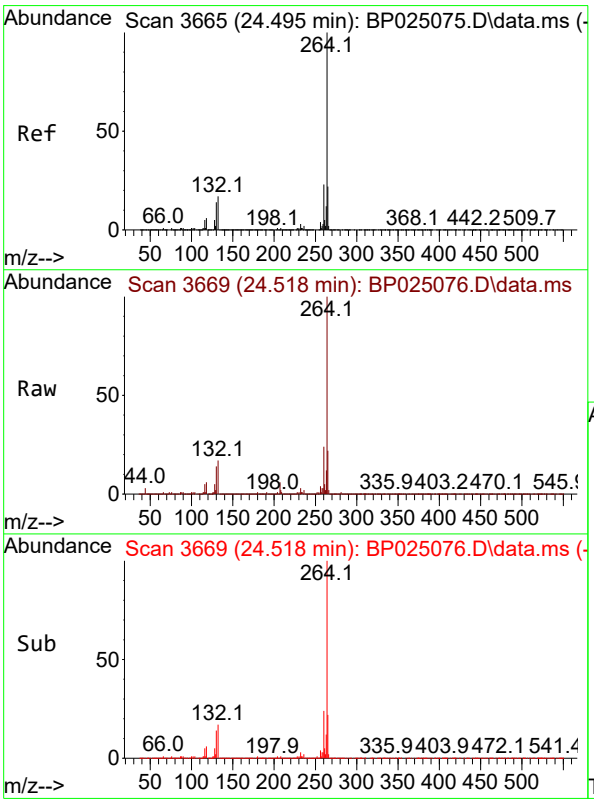
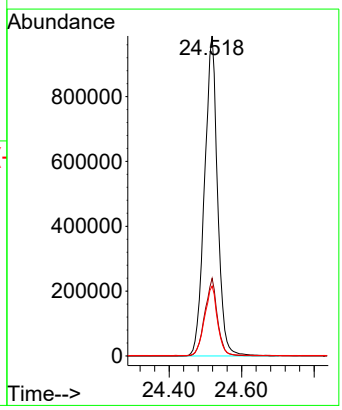
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

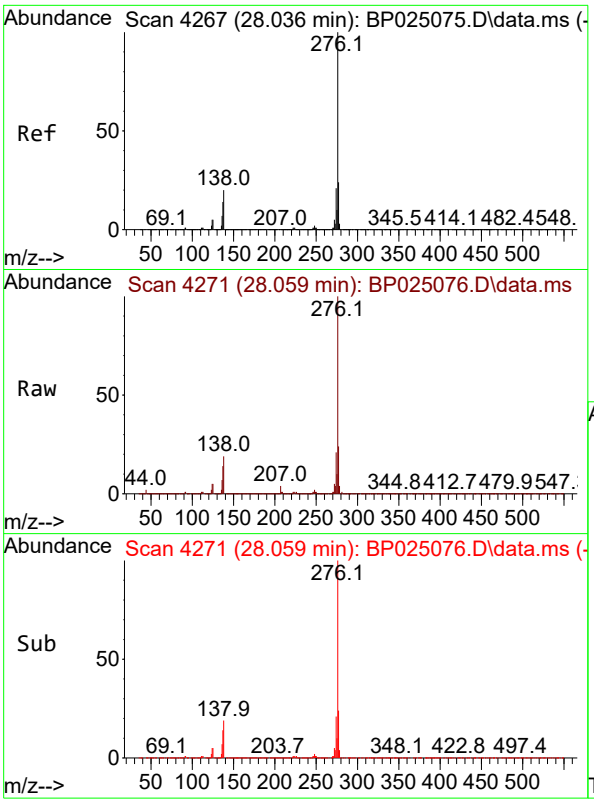


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:264 Resp: 2460402

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.7	26.5

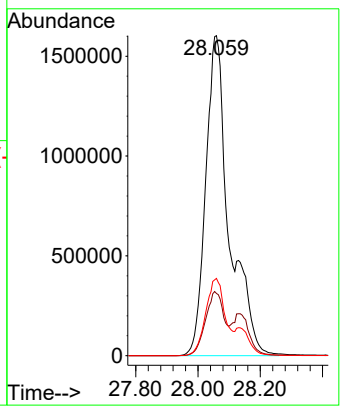




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.583 ng m
RT: 28.059 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 840064

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.3	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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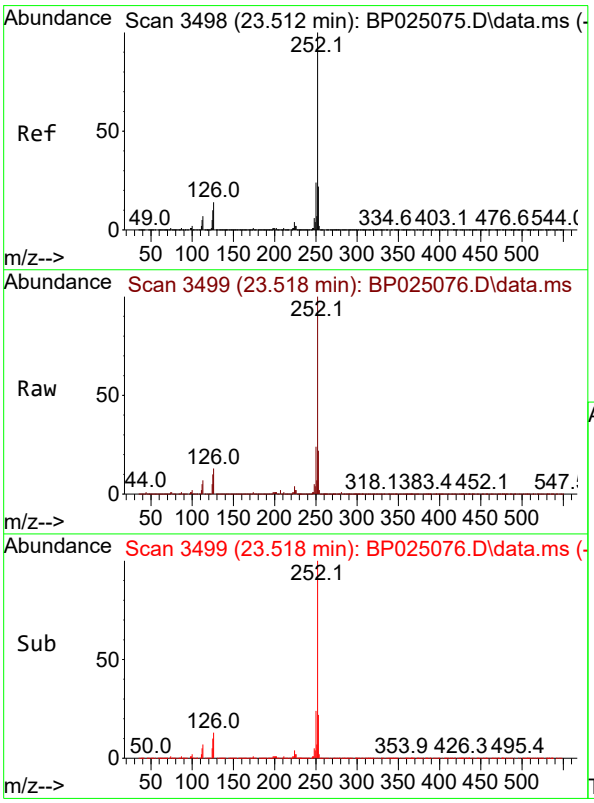
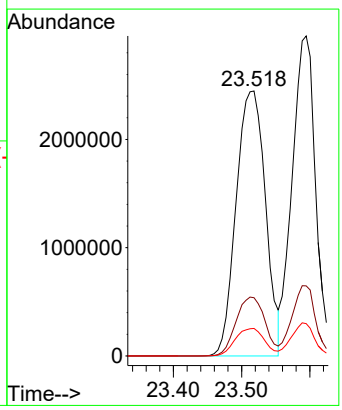
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

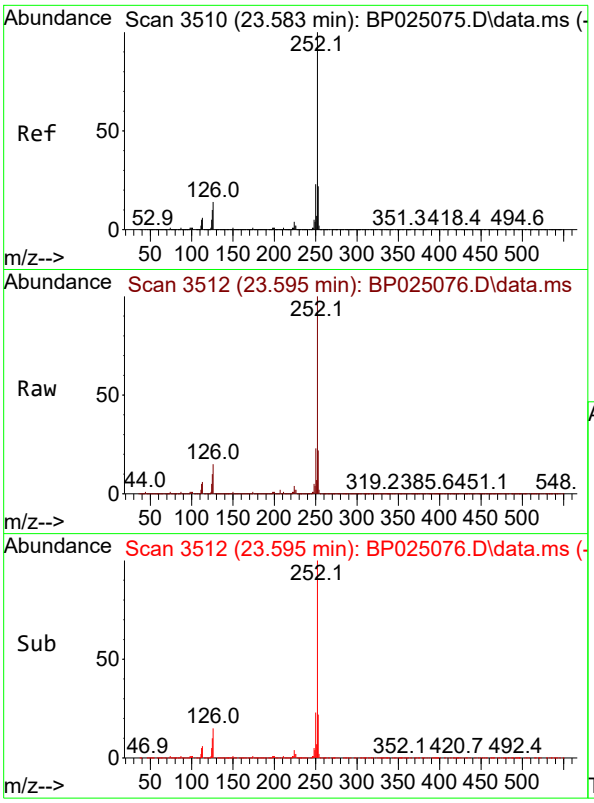


#88
Benzo(b)fluoranthene
Concen: 51.035 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 7308592

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.1	12.1

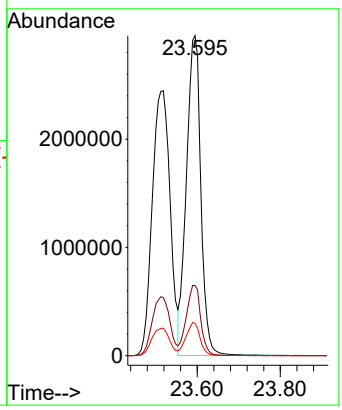




#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 711469

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.1	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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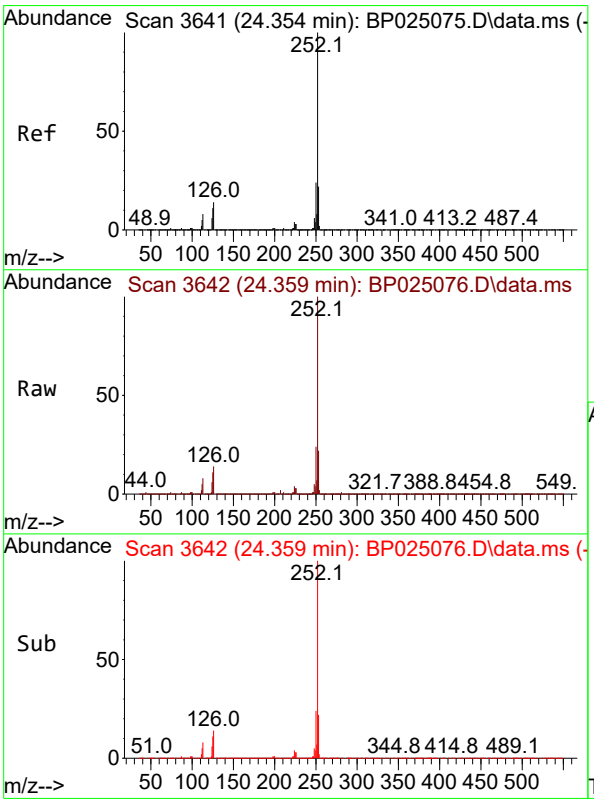
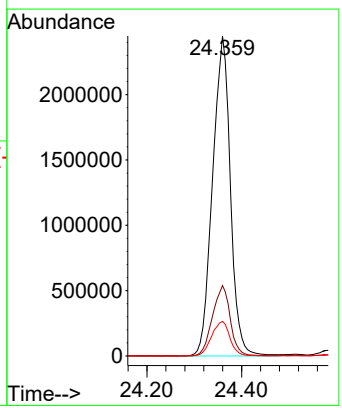
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

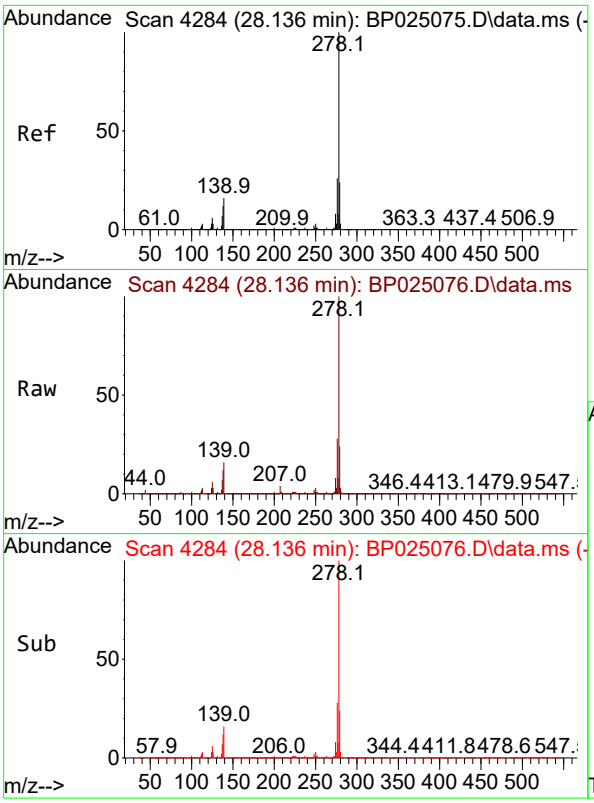


#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 6366556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	9.0	13.4

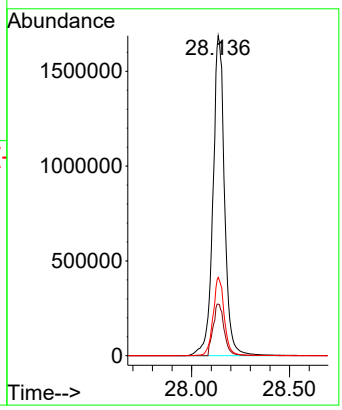




#91
Dibenzo(a,h)anthracene
Concen: 53.464 ng
RT: 28.136 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:278 Resp: 692698

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.4	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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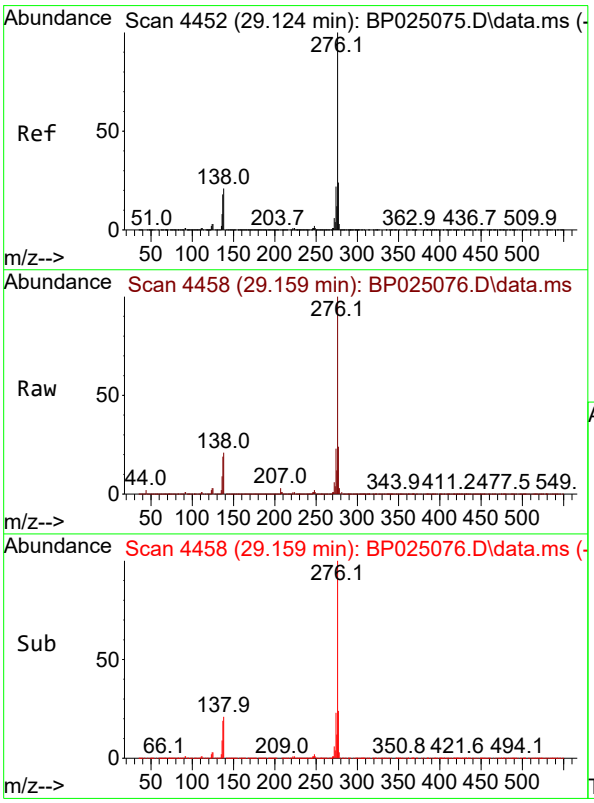
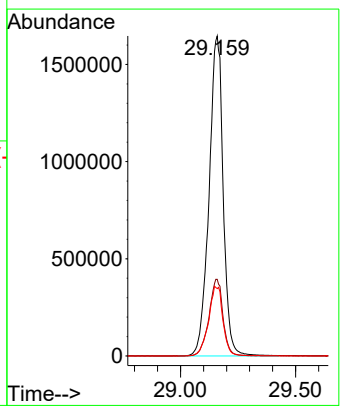
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 7023994

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	400654	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1612661	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1045830	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2142509	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2162992	20.000	ng	0.02
86) Perylene-d12	24.512	264	2316428	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2806806	124.128	ng	0.00
7) Phenol-d6	6.631	99	3710318	125.737	ng	0.00
23) Nitrobenzene-d5	8.572	82	3129724	129.067	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1671151	135.264	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8229134	121.896	ng	0.00
79) Terphenyl-d14	19.683	244	12149101	123.446	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	514997	58.570	ng	100
3) Pyridine	3.490	79	1488833m	61.892	ng	
4) n-Nitrosodimethylamine	3.408	42	627147	61.529	ng	96
6) Aniline	6.790	93	1716823	62.270	ng	100
8) 2-Chlorophenol	7.019	128	1555133	61.468	ng	99
9) Benzaldehyde	6.596	77	770087	49.971	ng	100
10) Phenol	6.660	94	1851536	61.753	ng	100
11) bis(2-Chloroethyl)ether	6.884	93	1408699	61.048	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1698963	60.002	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1711649	59.706	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1644605	59.636	ng	99
15) Benzyl Alcohol	7.678	79	1271626	64.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.978	45	1799327	59.970	ng	99
17) 2-Methylphenol	7.878	107	1227158	63.538	ng	99
18) Hexachloroethane	8.501	117	577842	61.873	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1096243	62.642	ng	99
20) 3+4-Methylphenols	8.201	107	1716929	63.466	ng	99
22) Acetophenone	8.249	105	2324403	60.946	ng	98
24) Nitrobenzene	8.613	77	1583678	64.118	ng	98
25) Isophorone	9.137	82	2889727	63.768	ng	98
26) 2-Nitrophenol	9.313	139	773866	63.426	ng	99
27) 2,4-Dimethylphenol	9.384	122	1082275	64.024	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1922438	62.478	ng	100
29) 2,4-Dichlorophenol	9.837	162	1554368	66.313	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1621972	62.486	ng	98
31) Naphthalene	10.231	128	5073090	61.093	ng	100
32) Benzoic acid	9.537	122	1088519	65.480	ng	95
33) 4-Chloroaniline	10.348	127	1986181	64.093	ng	99
34) Hexachlorobutadiene	10.537	225	926172	62.176	ng	99
35) Caprolactam	11.125	113	523393	65.271	ng	97
36) 4-Chloro-3-methylphenol	11.478	107	1604130	65.488	ng	99
37) 2-Methylnaphthalene	11.860	142	3613084	61.667	ng	99
38) 1-Methylnaphthalene	12.090	142	3560508	62.310	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1914890	63.709	ng	99
41) Hexachlorocyclopentadiene	12.231	237	537315	68.439	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	1250359	68.701	ng	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1383790	67.090	ng	99
46) 1,1'-Biphenyl	12.907	154	4675752	61.447	ng	100
47) 2-Chloronaphthalene	12.937	162	3517185	61.497	ng	98
48) 2-Nitroaniline	13.148	65	907242	63.792	ng	99
49) Acenaphthylene	13.807	152	5526428	63.134	ng	100
50) Dimethylphthalate	13.566	163	4648592	63.498	ng	100
51) 2,6-Dinitrotoluene	13.660	165	982034	68.780	ng	99
52) Acenaphthene	14.160	154	3486609	61.801	ng	99
53) 3-Nitroaniline	13.995	138	1081057	70.651	ng	97
54) 2,4-Dinitrophenol	14.207	184	430100	62.873	ng	94
55) Dibenzofuran	14.501	168	5689473	61.105	ng	99
56) 4-Nitrophenol	14.319	139	944200	66.867	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1348673	63.463	ng	98
58) Fluorene	15.160	166	4402726	61.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1246432	66.732	ng	99
60) Diethylphthalate	14.972	149	4634770	63.033	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	2194839	61.583	ng	99
62) 4-Nitroaniline	15.183	138	1111684	69.287	ng	99
63) Azobenzene	15.472	77	3969523	60.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	625497	62.277	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3803576	62.033	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1375012	62.680	ng	96
68) Hexachlorobenzene	16.201	284	1649772	61.529	ng	97
69) Atrazine	16.389	200	1107895	61.661	ng	99
70) Pentachlorophenol	16.548	266	1197597	66.135	ng	99
71) Phenanthrene	16.948	178	6952893	60.733	ng	100
72) Anthracene	17.048	178	6826544	62.154	ng	100
73) Carbazole	17.325	167	6534571	60.850	ng	100
74) Di-n-butylphthalate	17.966	149	7890575	65.983	ng	99
75) Fluoranthene	19.054	202	8151085	60.911	ng	98
77) Benzidine	19.260	184	1867570	48.887	ng	100
78) Pyrene	19.436	202	8447118	63.052	ng	99
80) Butylbenzylphthalate	20.436	149	3368485	63.936	ng	99
81) Benzo(a)anthracene	21.342	228	8160252	62.254	ng	99
82) 3,3'-Dichlorobenzidine	21.271	252	2685016	68.044	ng	100
83) Chrysene	21.401	228	7729618	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	4960480	70.551	ng	98
85) Di-n-octyl phthalate	22.565	149	8384283	62.869	ng	99
87) Indeno(1,2,3-cd)pyrene	28.071	276	9961748m	67.489	ng	
88) Benzo(b)fluoranthene	23.518	252	8800482	65.272	ng	100
89) Benzo(k)fluoranthene	23.583	252	8461854	63.076	ng	99
90) Benzo(a)pyrene	24.359	252	7703067	67.128	ng	100
91) Dibenzo(a,h)anthracene	28.153	278	8144621	66.770	ng	99
92) Benzo(g,h,i)perylene	29.159	276	8319243	66.020	ng	100

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

ICAL Form

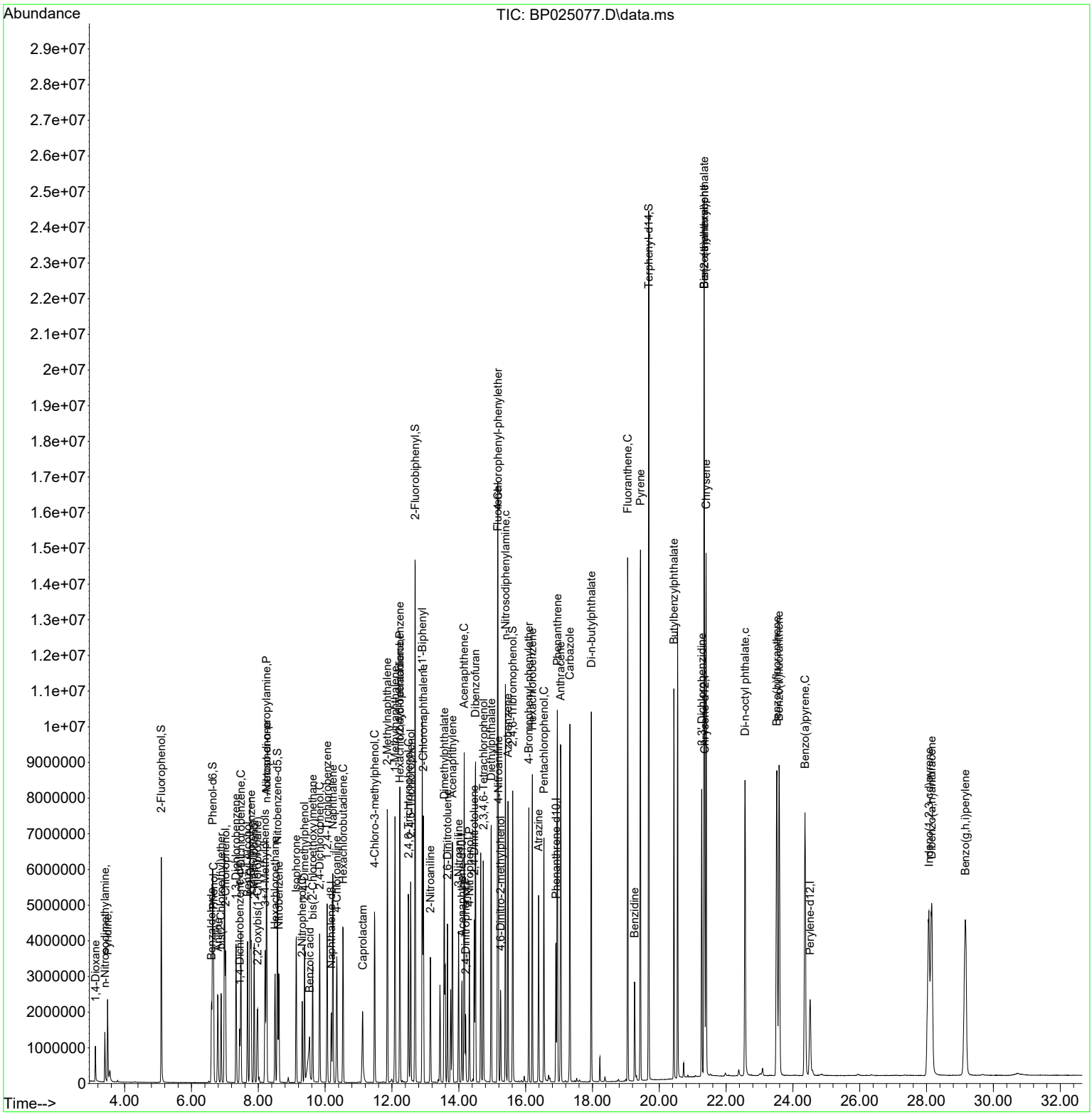
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

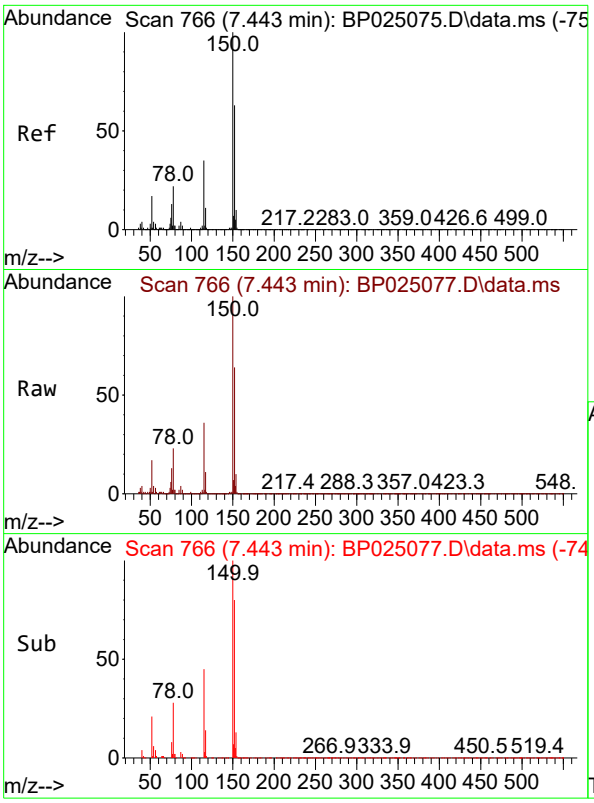
Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

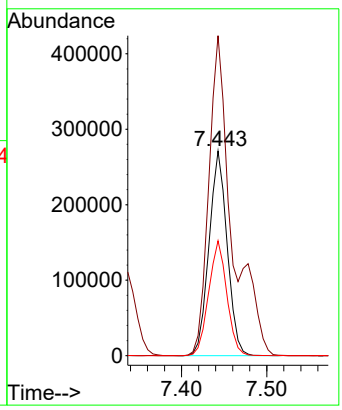




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:152 Resp: 40065

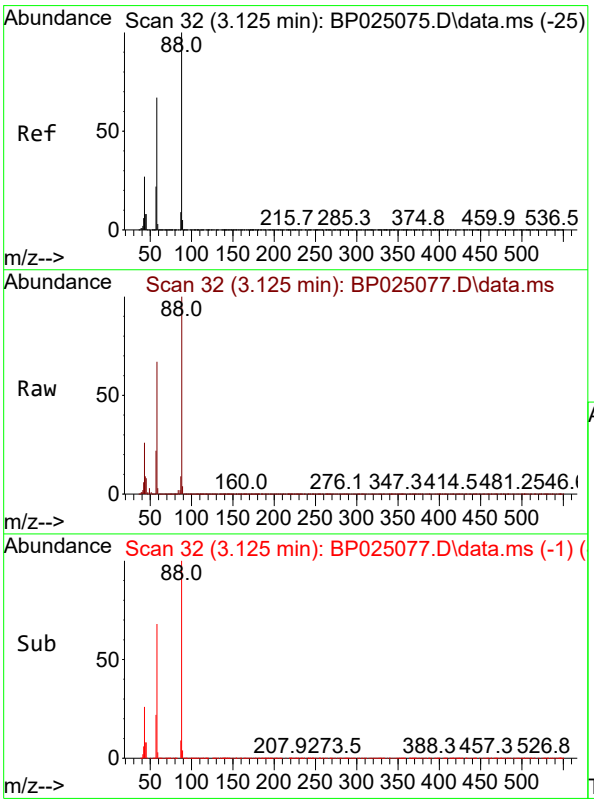
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	56.1	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

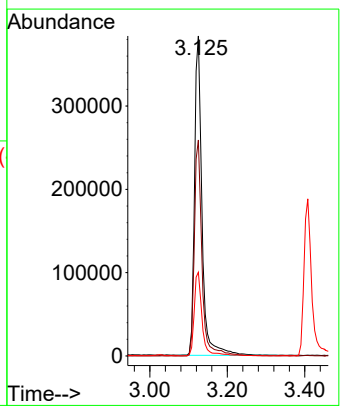
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

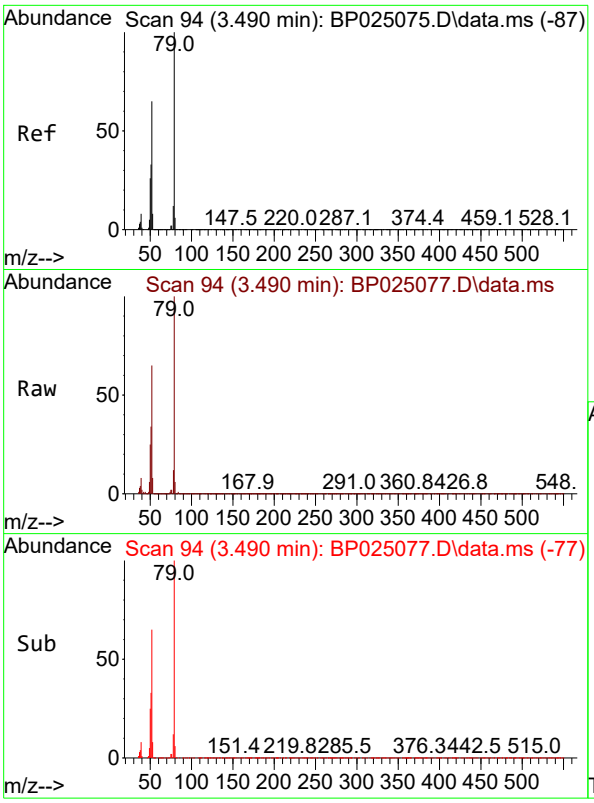


#2
1,4-Dioxane
Concen: 58.570 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 88 Resp: 514997

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9

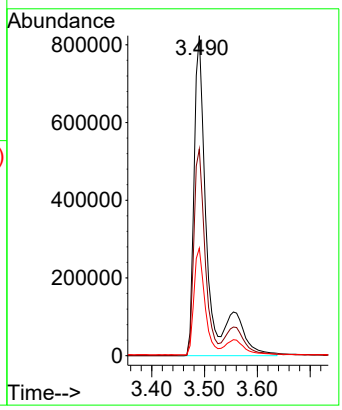




#3
Pyridine
Concen: 61.892 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 79 Resp: 148883

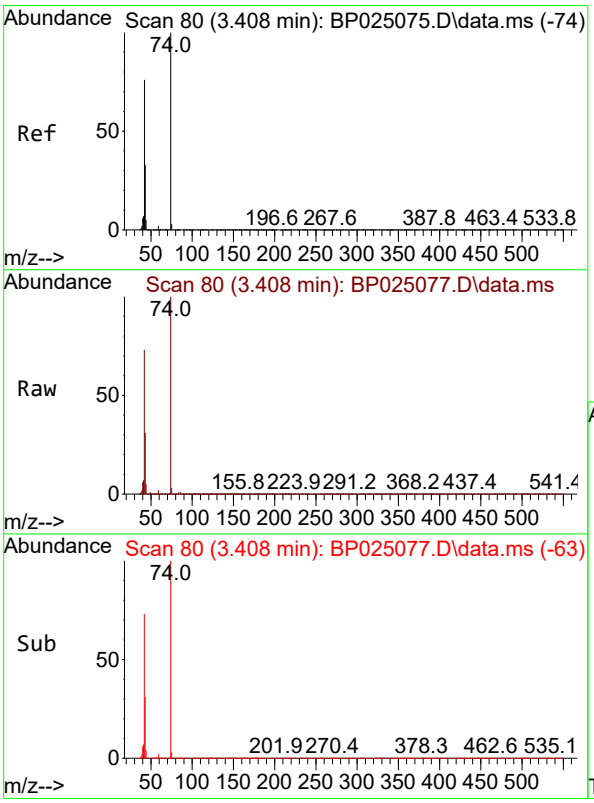
Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.2	78.4
51	33.6	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

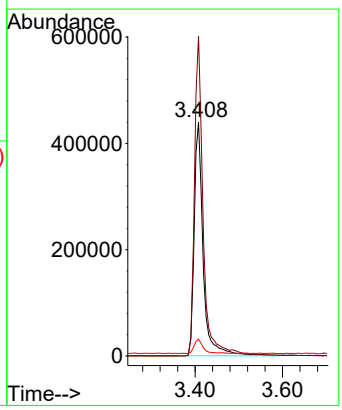
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

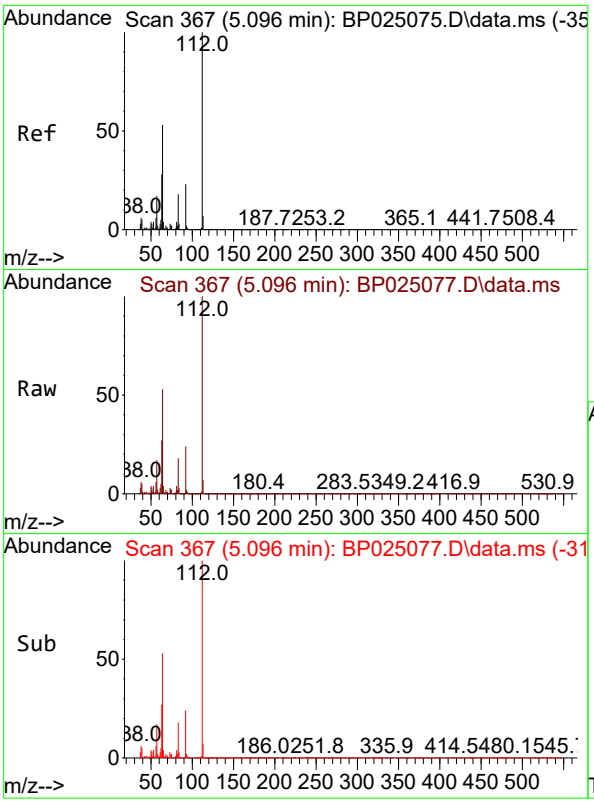


#4
n-Nitrosodimethylamine
Concen: 61.529 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 42 Resp: 627147

Ion	Ratio	Lower	Upper
42	100		
74	136.8	105.2	157.8
44	7.2	6.6	9.8





#5
2-Fluorophenol
Concen: 124.128 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

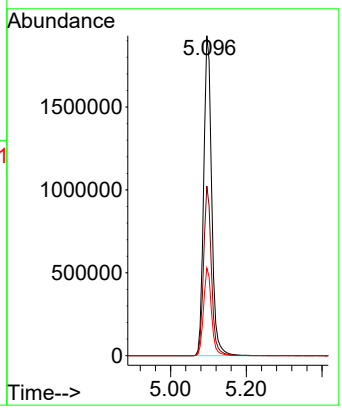
Tgt Ion:112 Resp: 280680

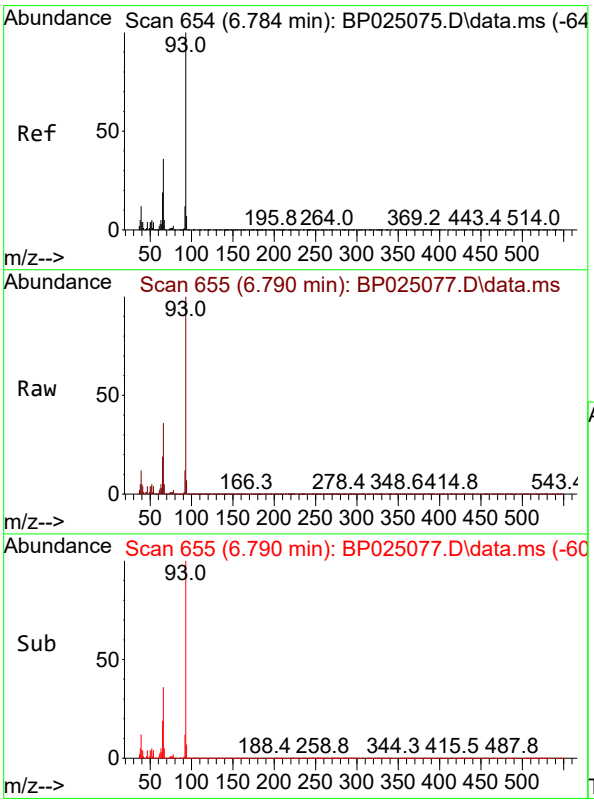
Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.0	63.0
63	27.4	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

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

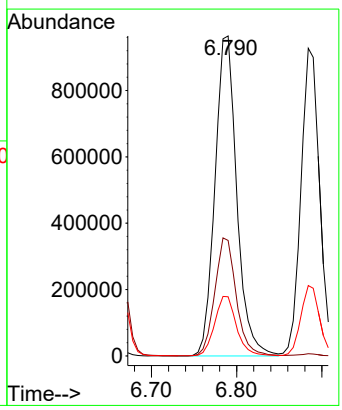


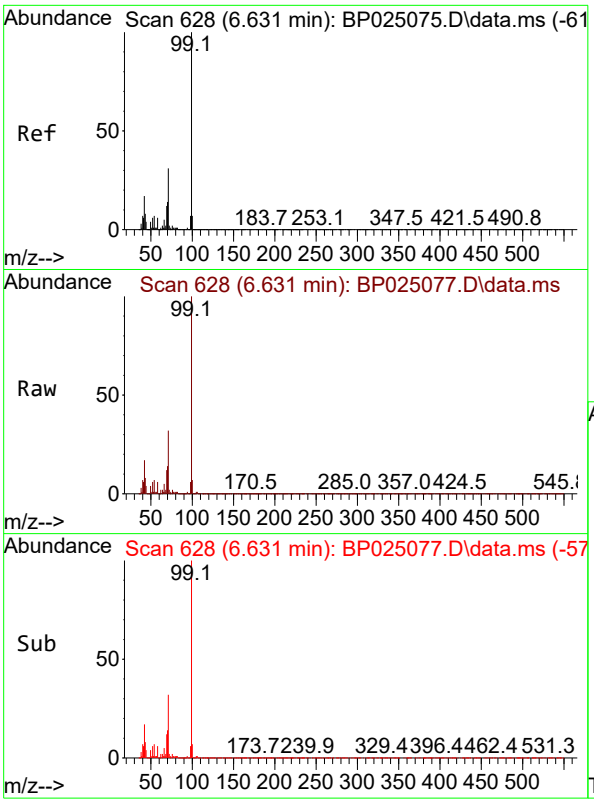


#6
Aniline
Concen: 62.270 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1716823

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	18.5	15.2	22.8

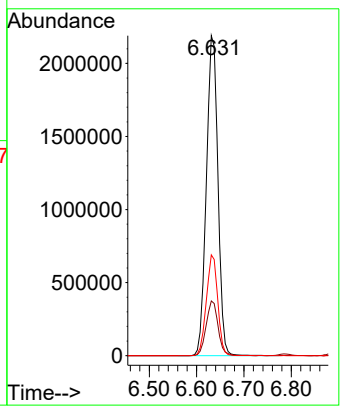




#7
Phenol-d6
Concen: 125.737 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 99 Resp: 371031

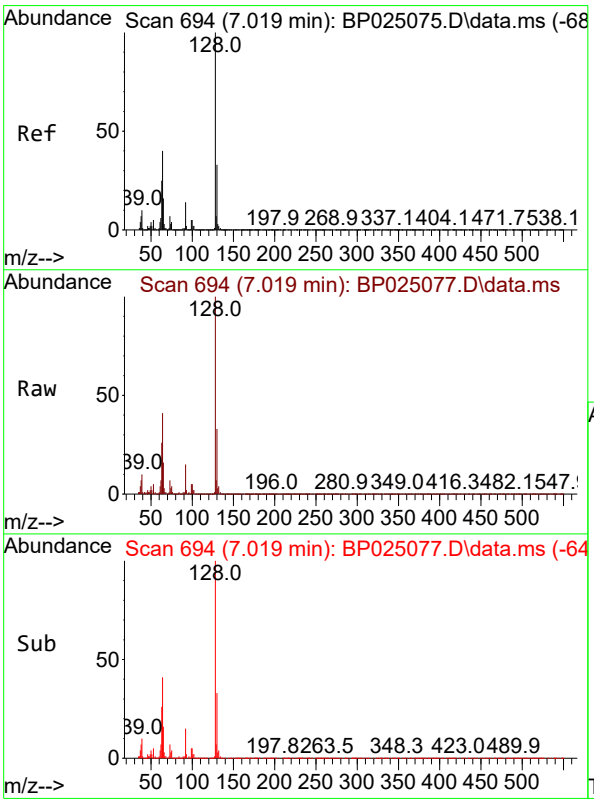
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	31.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

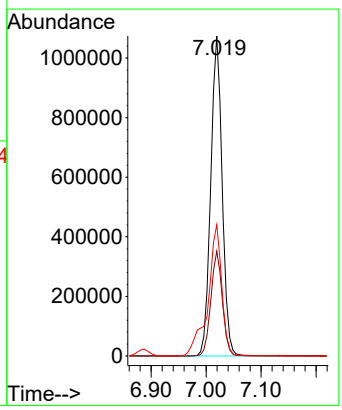
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

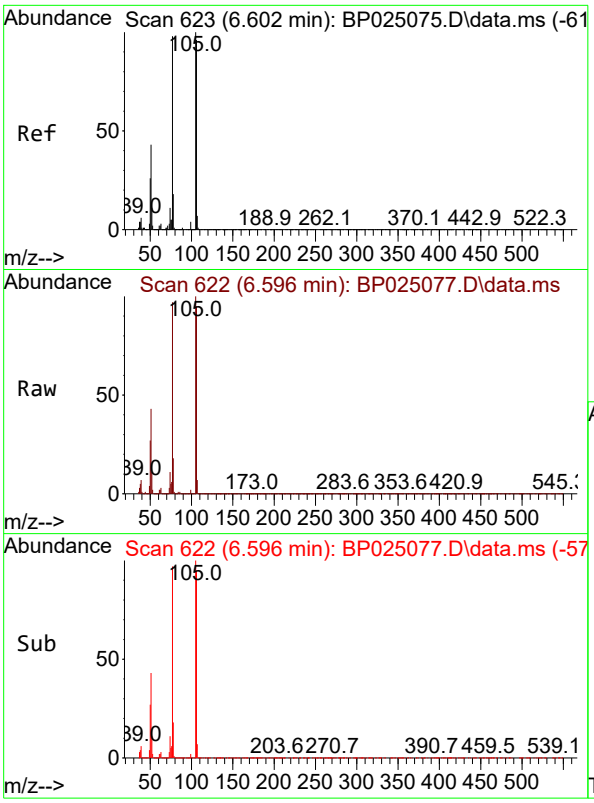


#8
2-Chlorophenol
Concen: 61.468 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 1555133

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	41.0	20.3	60.3

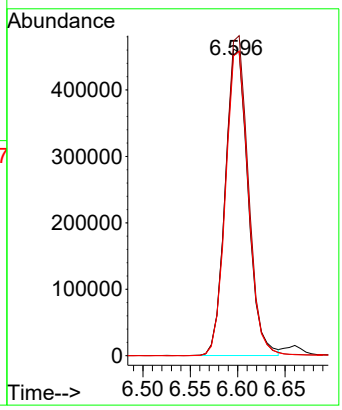




#9
Benzaldehyde
Concen: 49.971 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 77008

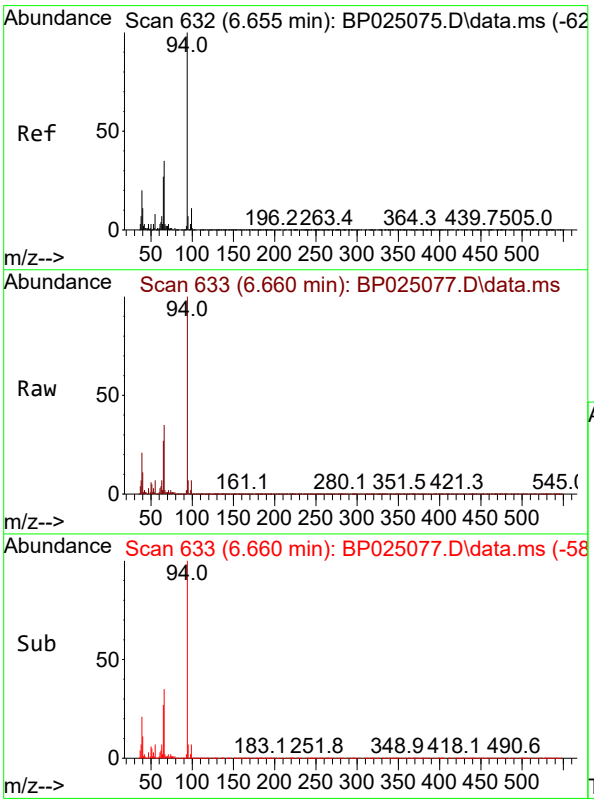
Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.4	122.4
106	97.8	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

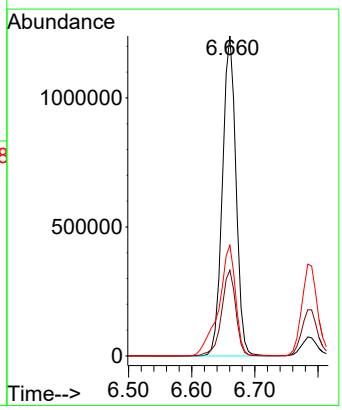
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

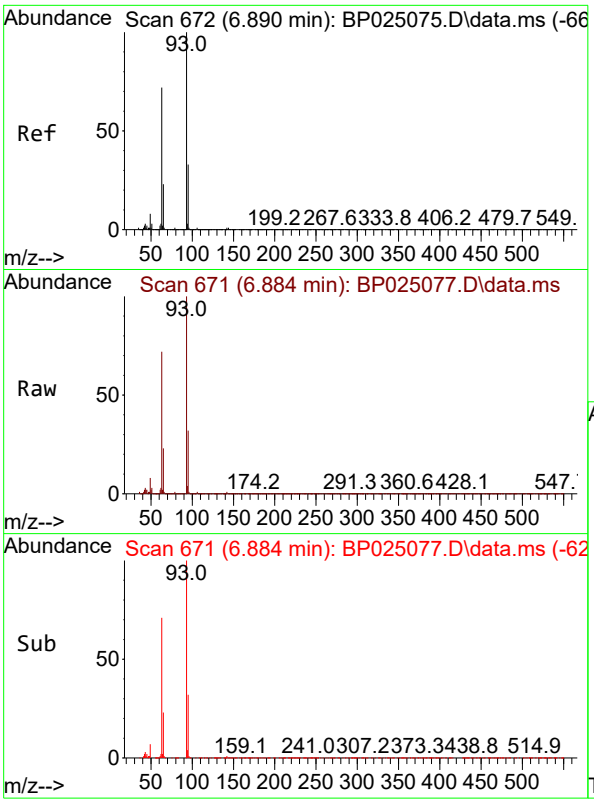


#10
Phenol
Concen: 61.753 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 94 Resp: 1851536

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	34.6	14.6	54.6

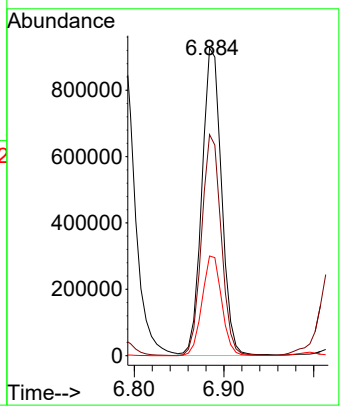




#11
bis(2-Chloroethyl)ether
Concen: 61.048 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 140869

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/07/2025
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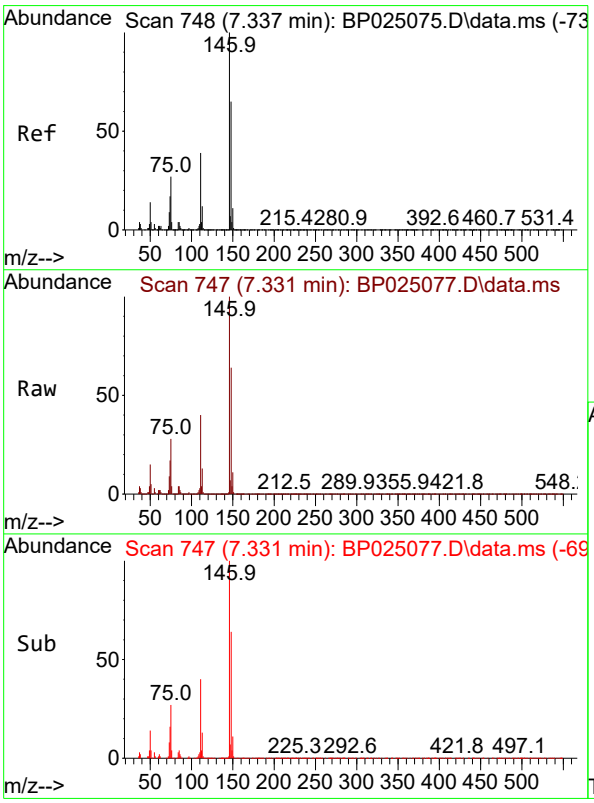
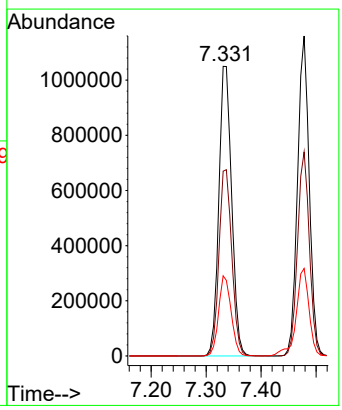
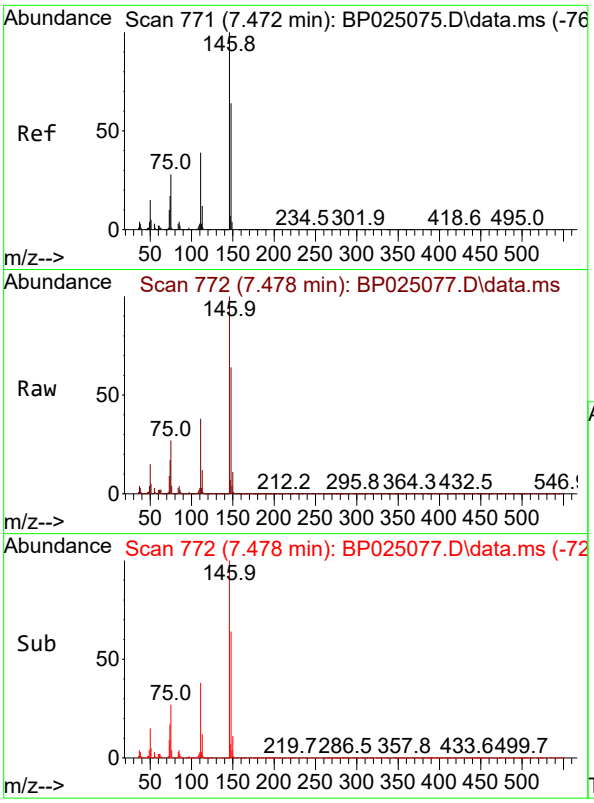


#12
1,3-Dichlorobenzene
Concen: 60.002 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1698963

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.7	21.8	32.6

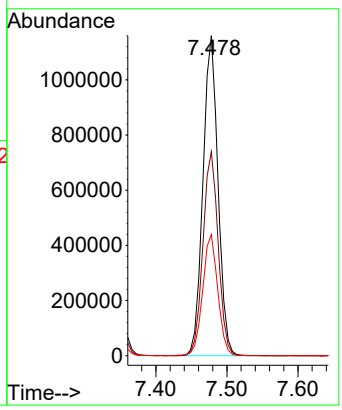




#13
1,4-Dichlorobenzene
Concen: 59.706 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 171164

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.8	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
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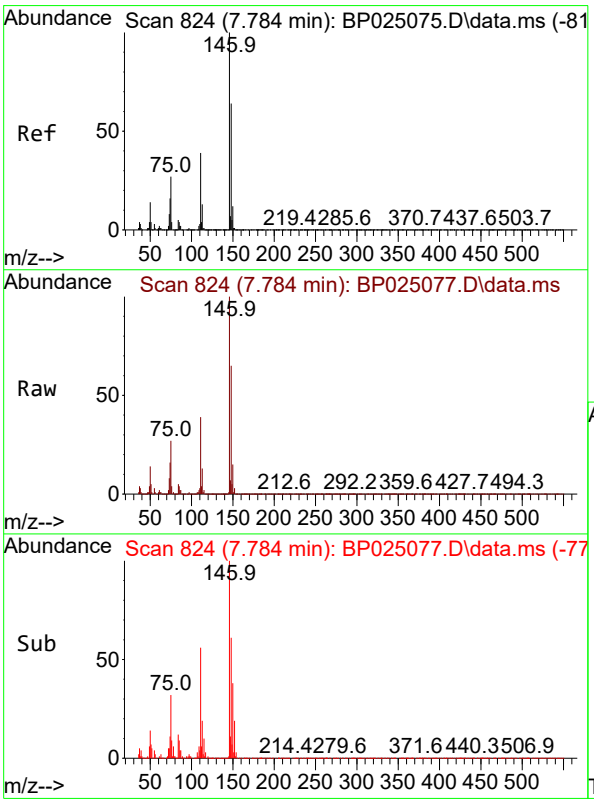
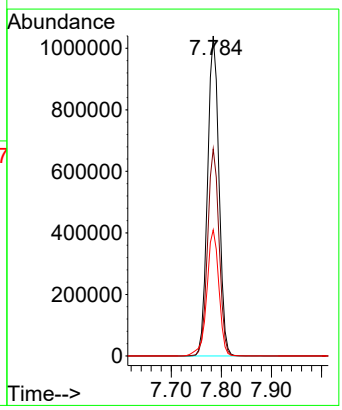
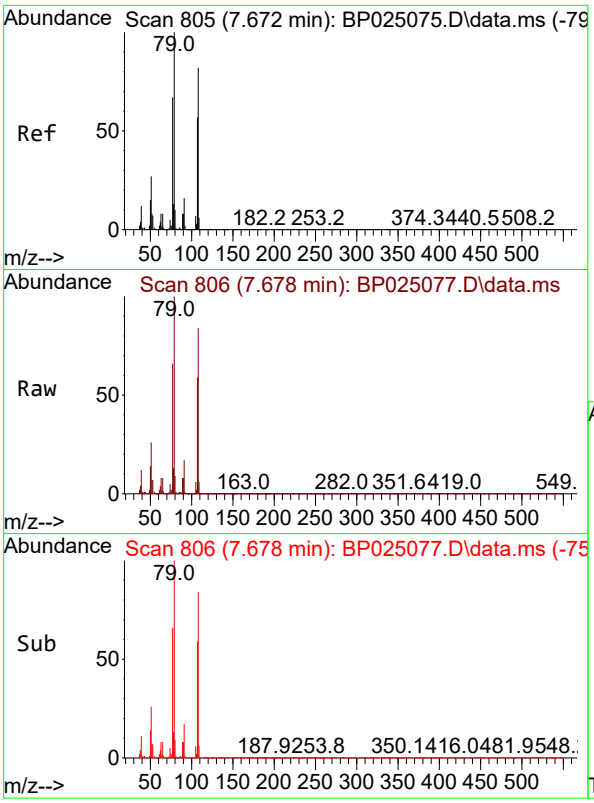


#14
1,2-Dichlorobenzene
Concen: 59.636 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1644605

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.4	31.2	46.8

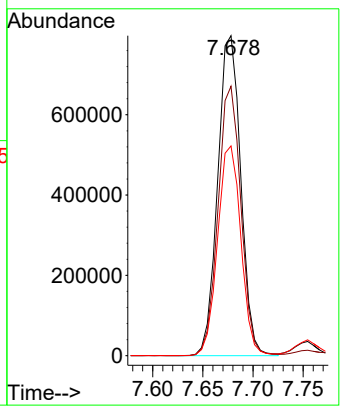




#15
Benzyl Alcohol
Concen: 64.566 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 79 Resp: 127162

Ion	Ratio	Lower	Upper
79	100		
108	84.2	66.0	99.0
77	65.6	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
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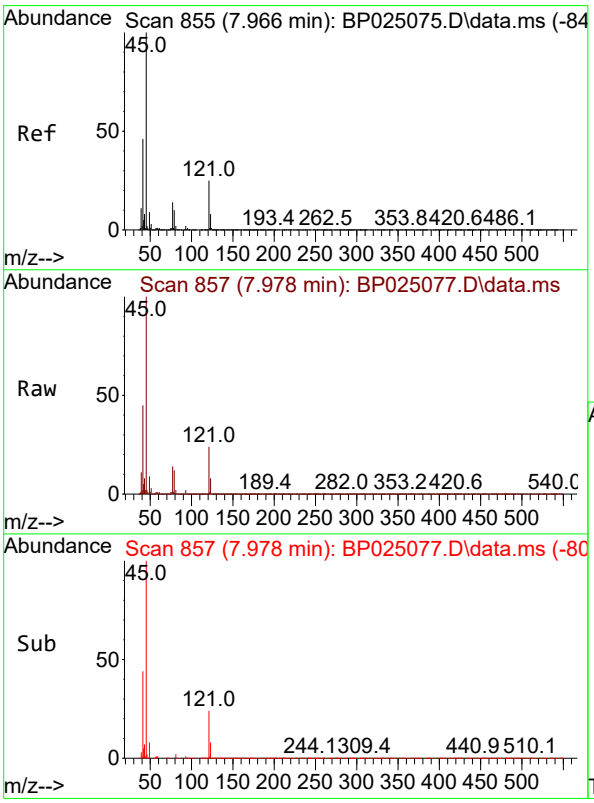
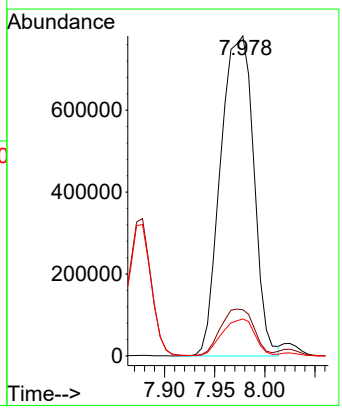
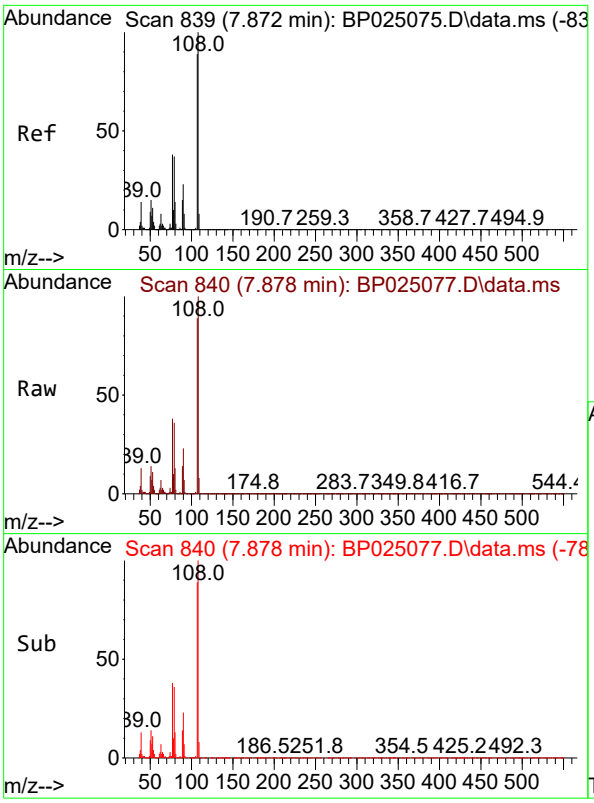


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.970 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 45 Resp: 1799327

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.6	0.0	30.7

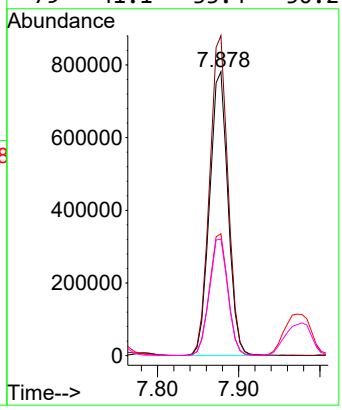




#17
2-Methylphenol
Concen: 63.538 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 122715

Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.7	134.5
77	42.9	34.2	51.4
79	41.1	33.4	50.2



Instrument :
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ClientSampleId :
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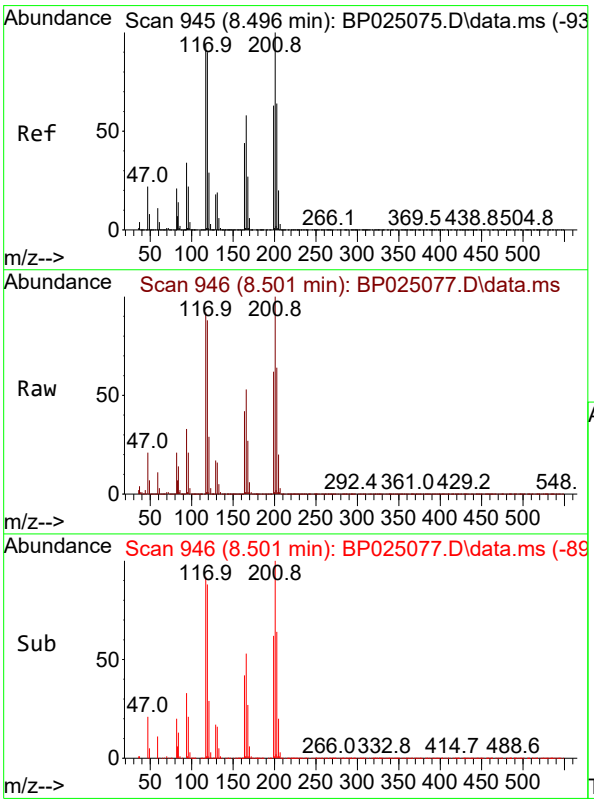
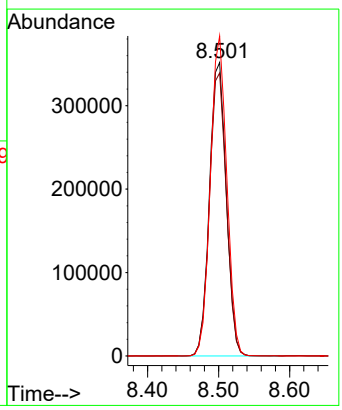
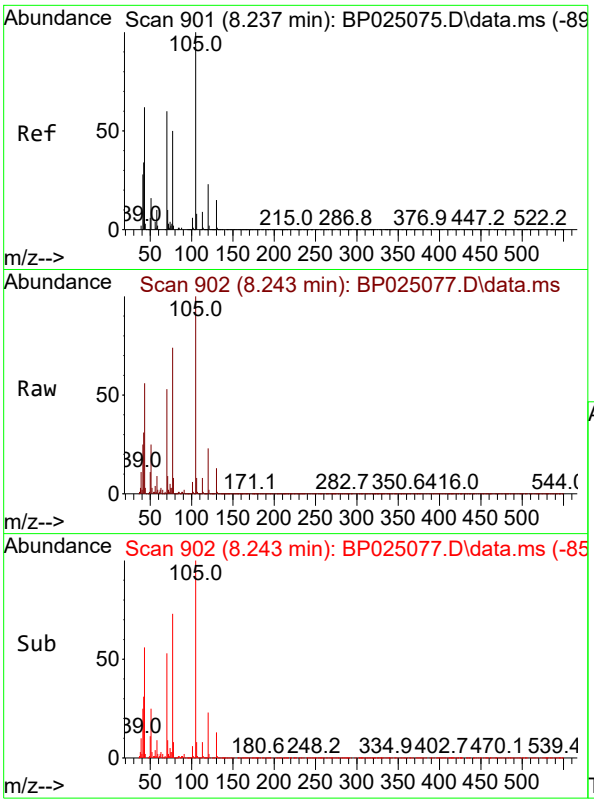


#18
Hexachloroethane
Concen: 61.873 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:117 Resp: 577842

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
201	109.0	85.4	128.2

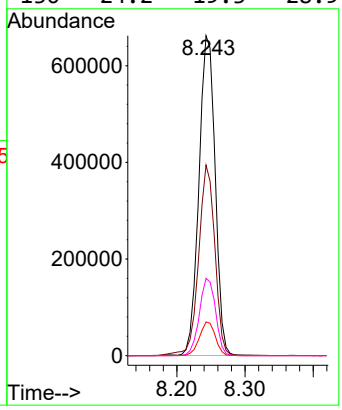




#19
n-Nitroso-di-n-propylamine
Concen: 62.642 ng
RT: 8.243 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 70 Resp: 109624

Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.5	69.7
101	10.6	7.9	11.9
130	24.2	19.3	28.9



Instrument :
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ClientSampleId :
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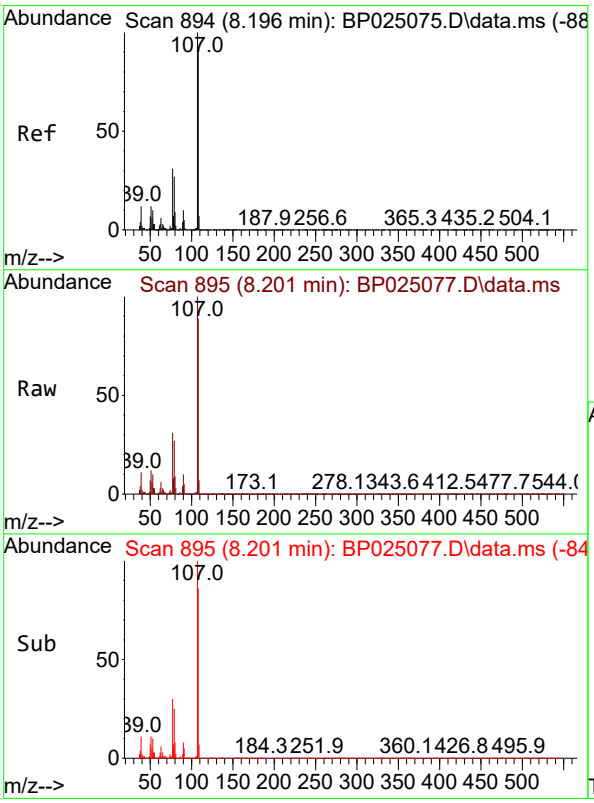
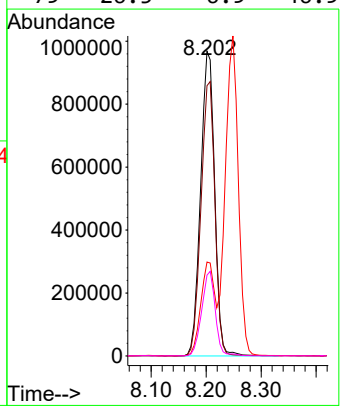
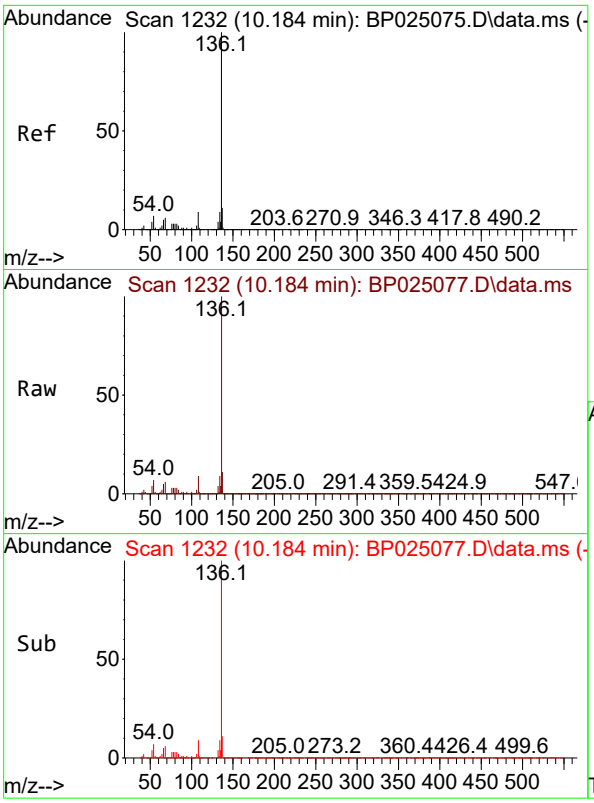


#20
3+4-Methylphenols
Concen: 63.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1716929

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.5	109.5
77	30.9	11.4	51.4
79	26.5	6.9	46.9

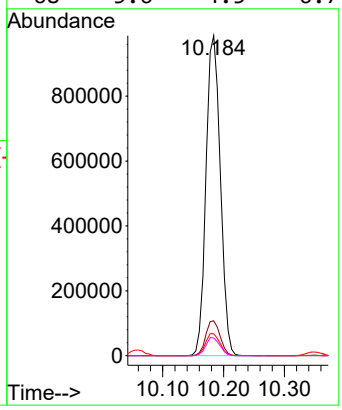




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:136 Resp: 161266

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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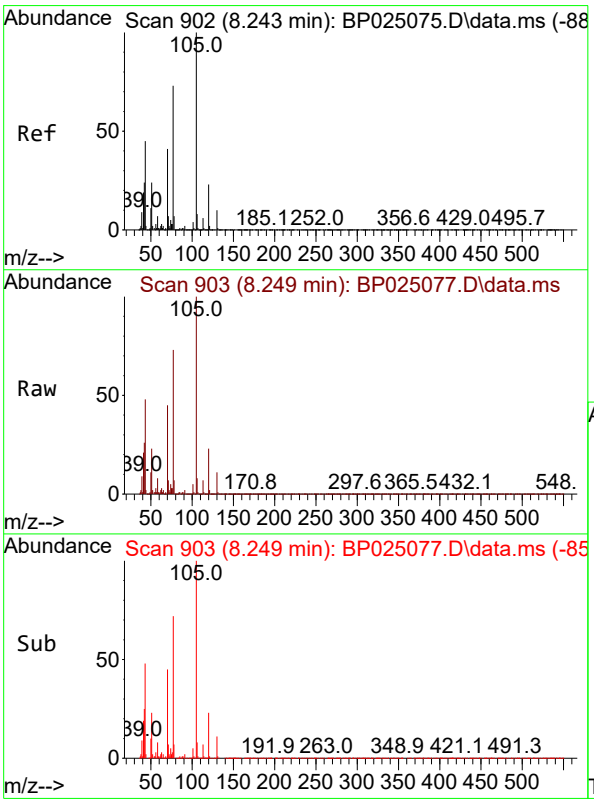
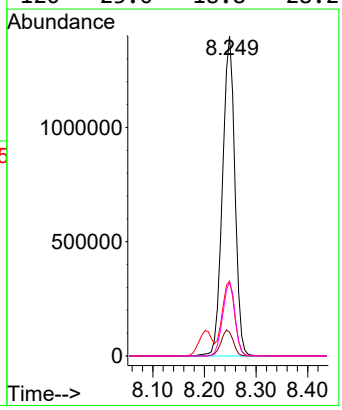
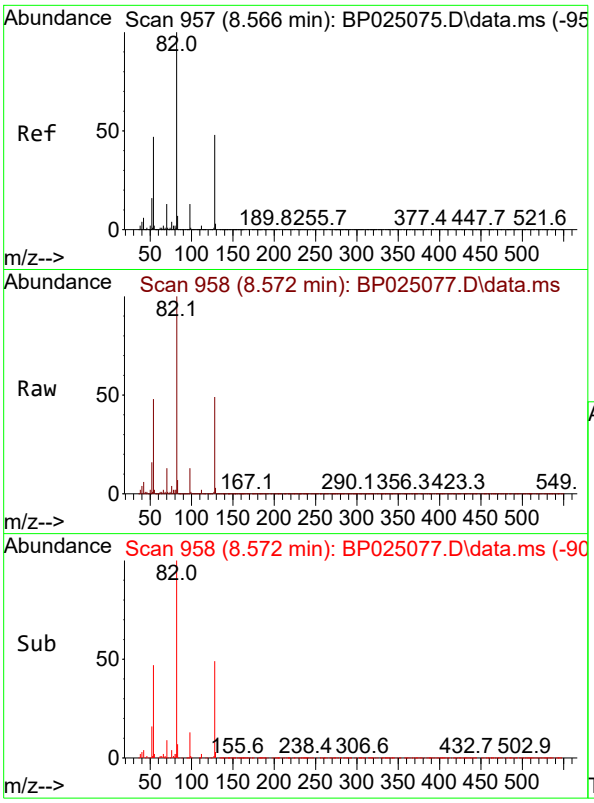


#22
Acetophenone
Concen: 60.946 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:105 Resp: 2324403

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.4	19.6	29.4
120	23.0	18.8	28.2

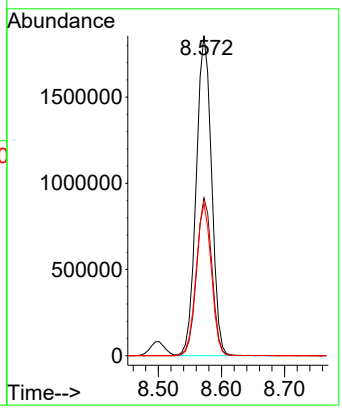




#23
Nitrobenzene-d5
Concen: 129.067 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 82 Resp: 312972

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	47.5	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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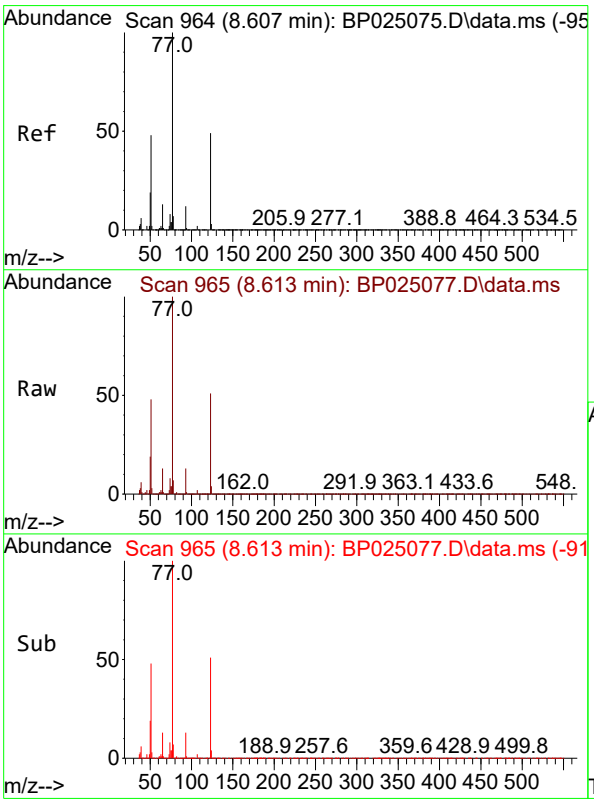
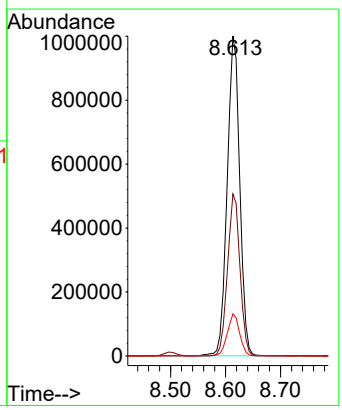
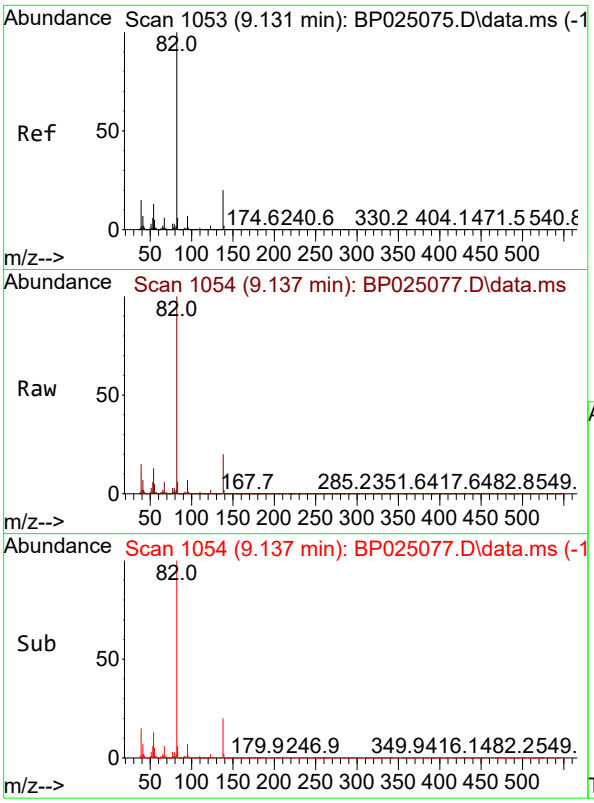


#24
Nitrobenzene
Concen: 64.118 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 1583678

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.0	58.6
65	13.2	10.7	16.1

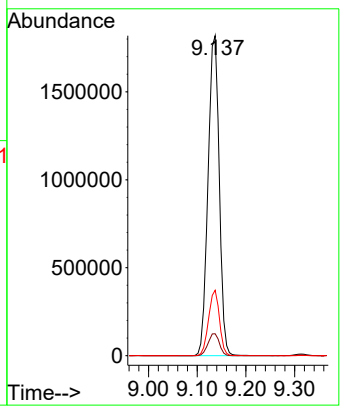




#25
Isophorone
Concen: 63.768 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 82 Resp: 288972

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	20.4	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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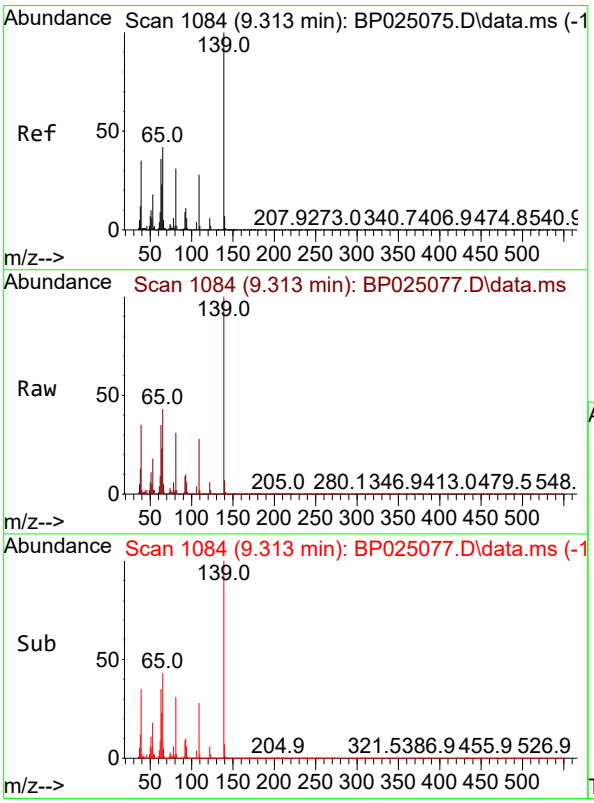
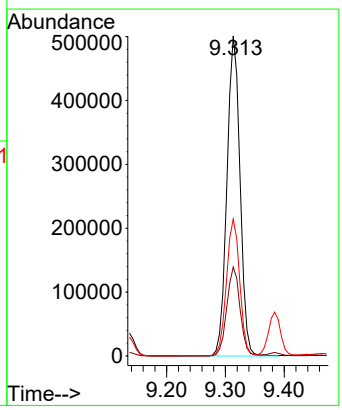
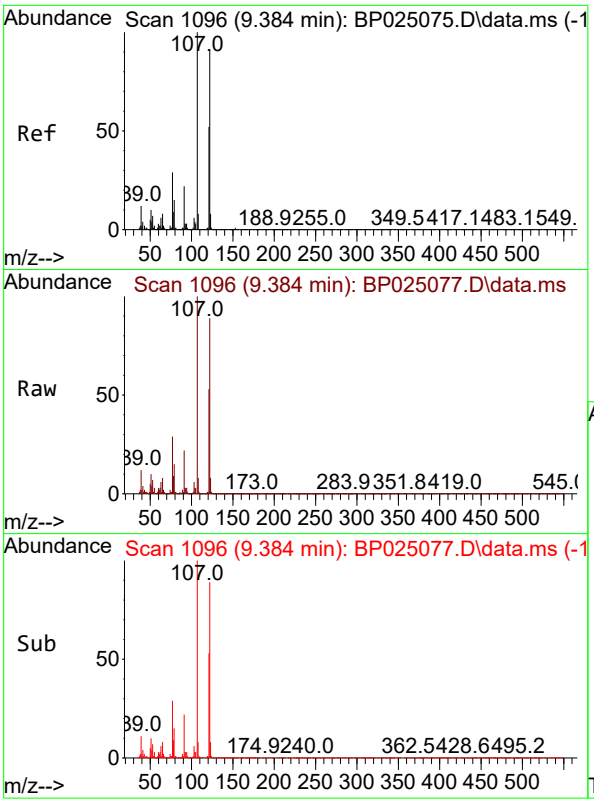


#26
2-Nitrophenol
Concen: 63.426 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 773866

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.3	33.5
65	42.8	33.8	50.8





#27
2,4-Dimethylphenol
Concen: 64.024 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 108227

Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.2	132.2
121	59.0	46.1	69.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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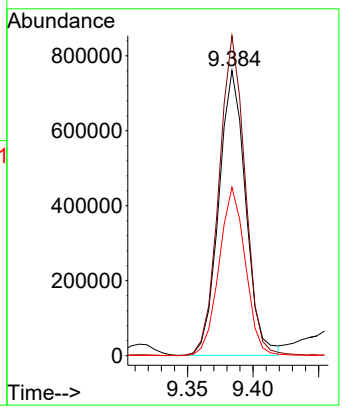
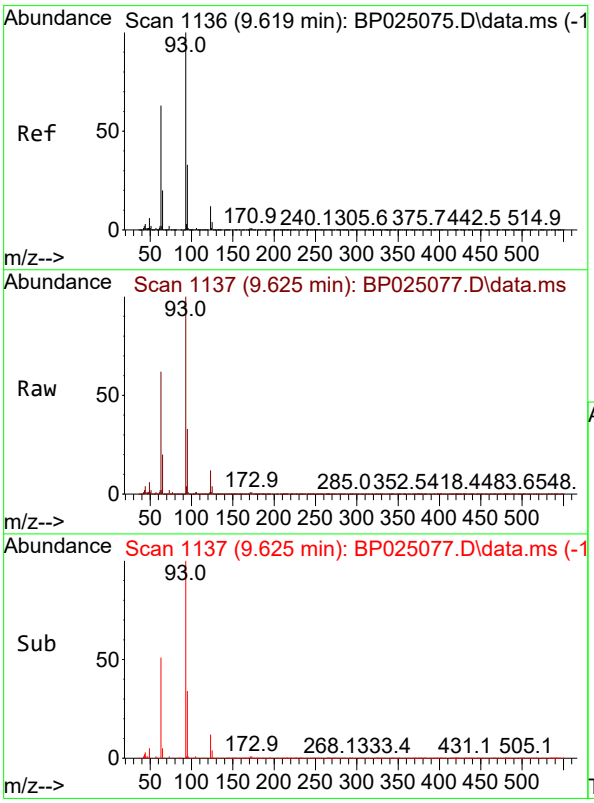
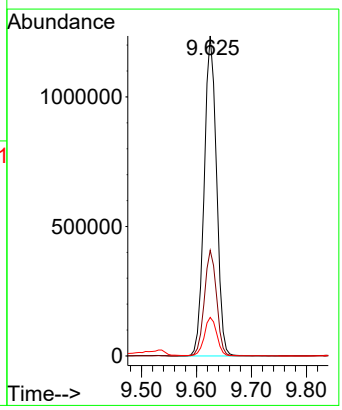


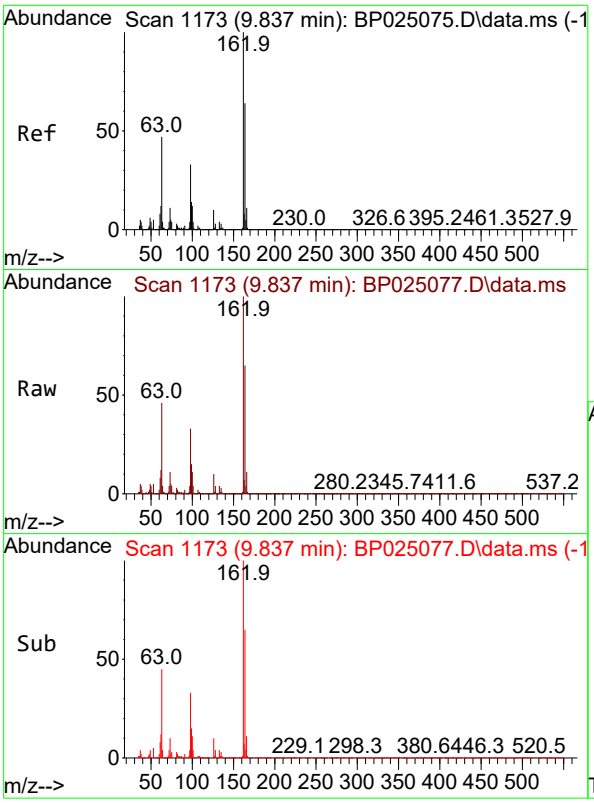


#28
bis(2-Chloroethoxy)methane
Concen: 62.478 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1922438

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.1	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 66.313 ng
RT: 9.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:162 Resp: 155436

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.7	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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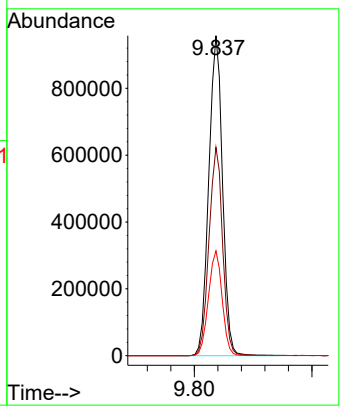
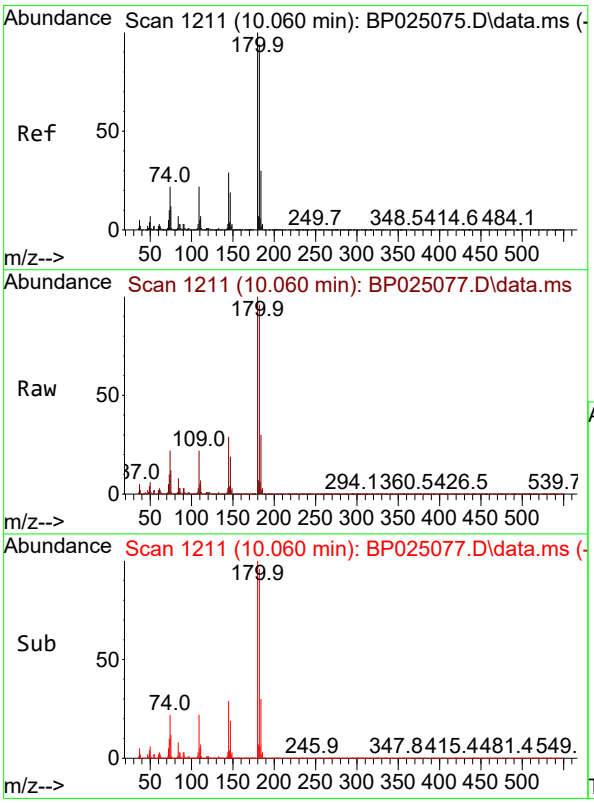
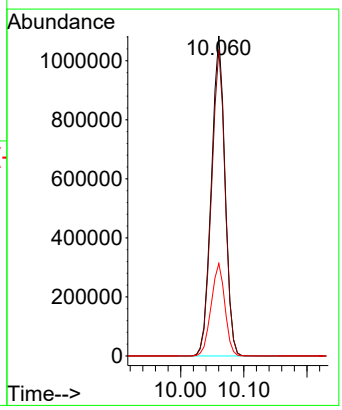


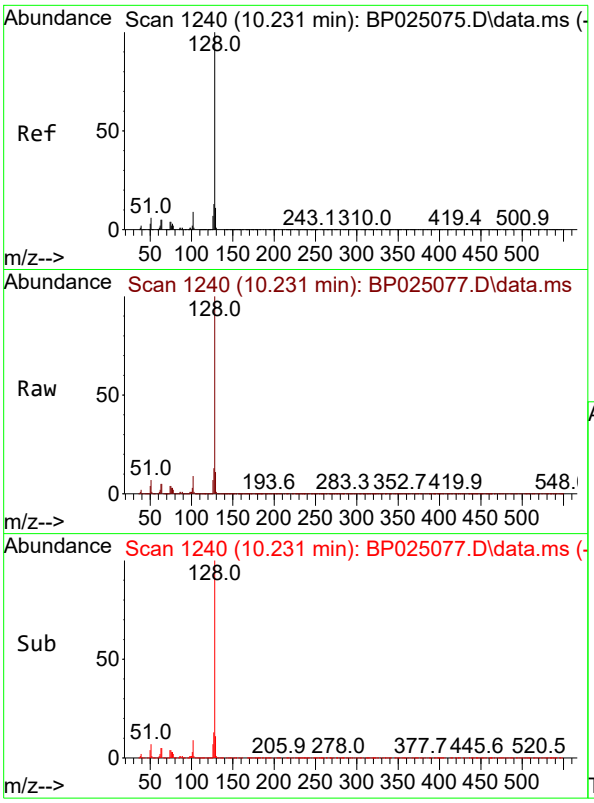


#30
1,2,4-Trichlorobenzene
Concen: 62.486 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:180 Resp: 1621972

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	28.9	23.3	34.9





#31
Naphthalene
Concen: 61.093 ng
RT: 10.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 507309

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
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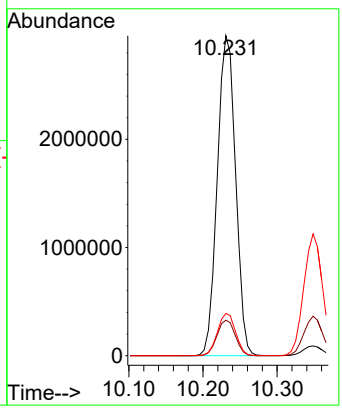
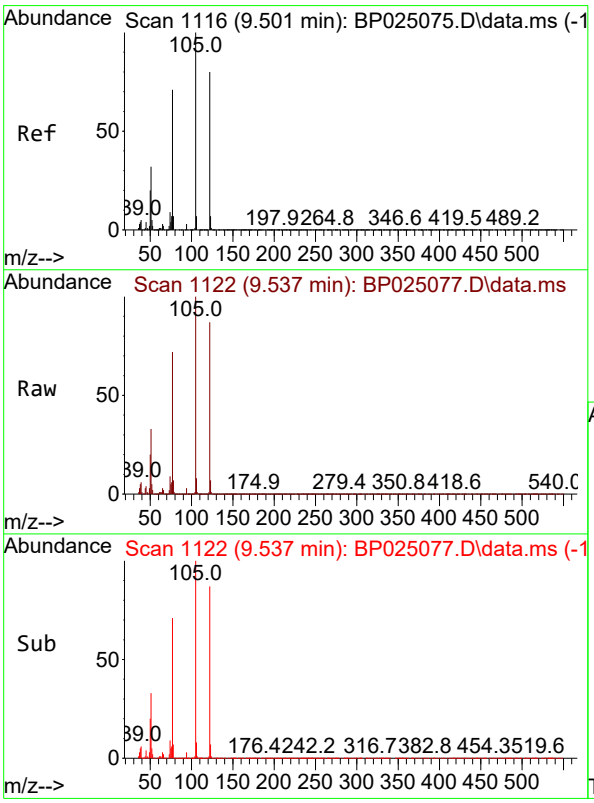
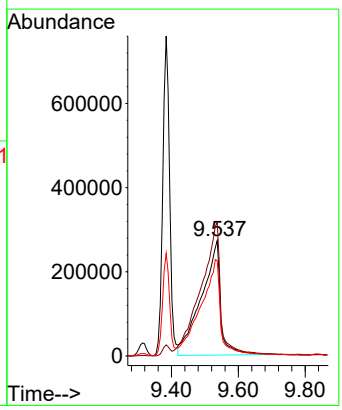


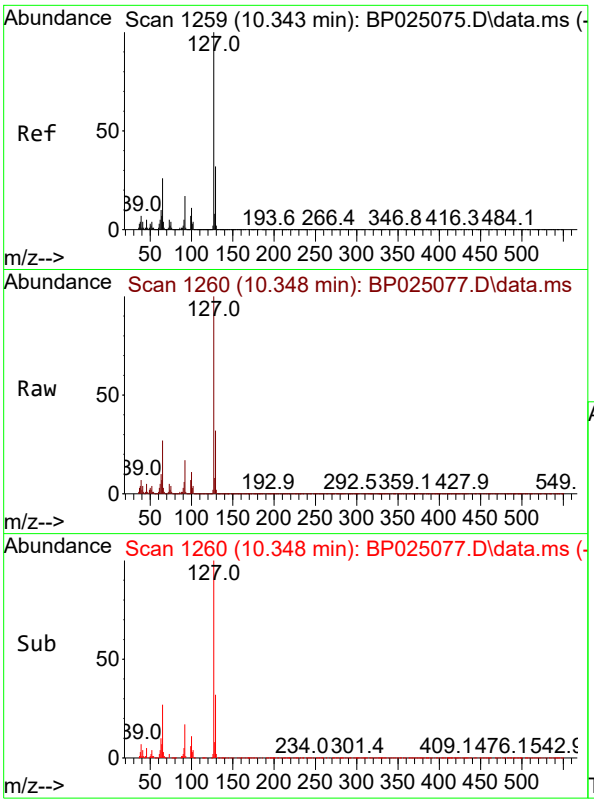


#32
Benzoic acid
Concen: 65.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 1088519

Ion	Ratio	Lower	Upper
122	100		
105	115.5	101.0	141.0
77	82.7	67.6	107.6

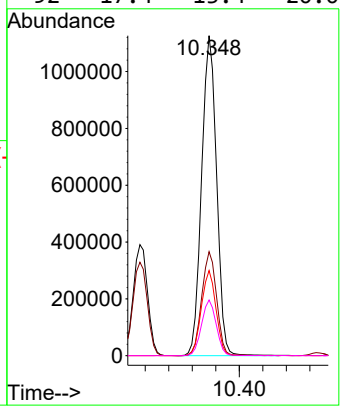




#33
4-Chloroaniline
Concen: 64.093 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:127 Resp: 198618

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.6	21.0	31.6
92	17.4	13.4	20.0



Instrument :
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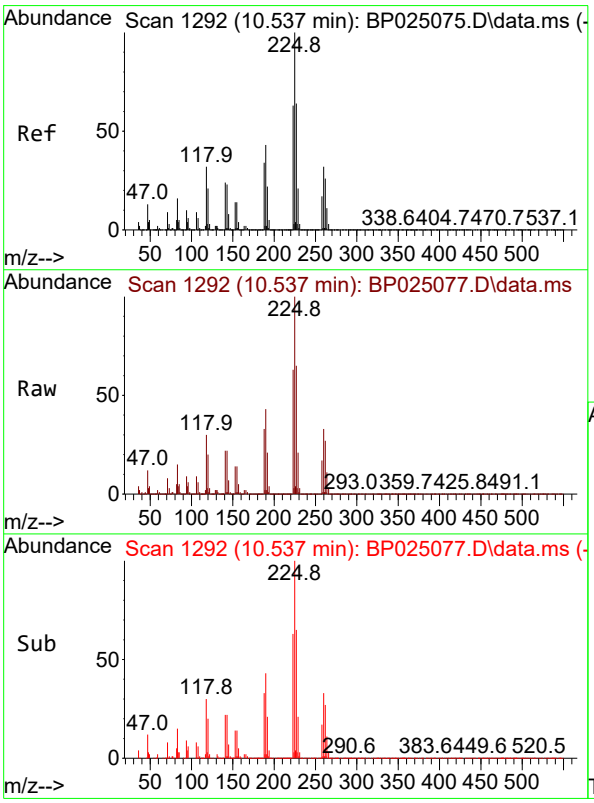
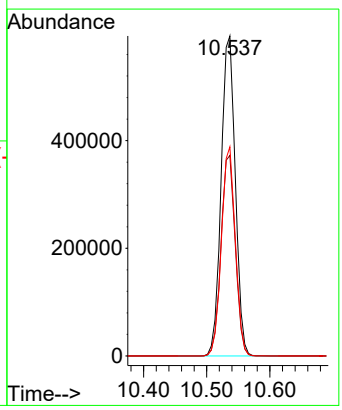
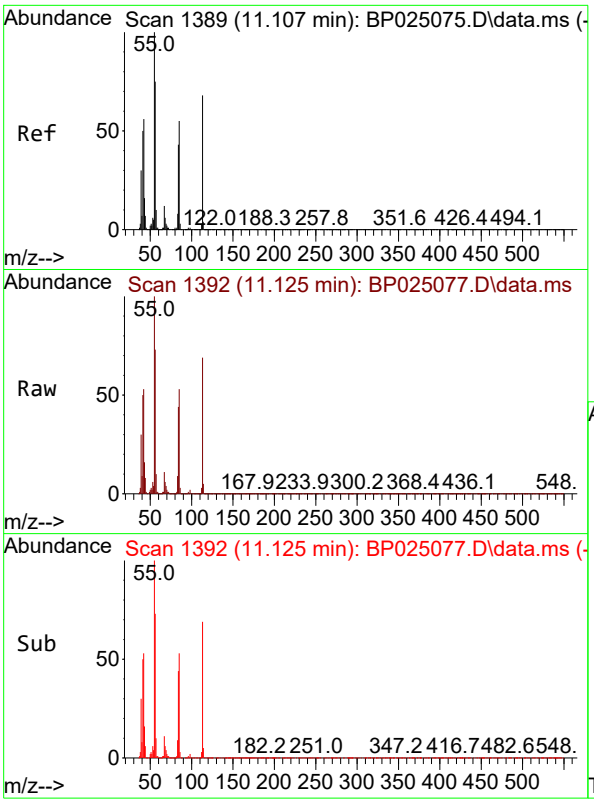


#34
Hexachlorobutadiene
Concen: 62.176 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:225 Resp: 926172

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	65.4	51.3	76.9

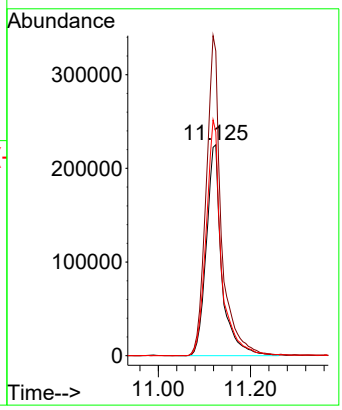




#35
Caprolactam
Concen: 65.271 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:113 Resp: 52339

Ion	Ratio	Lower	Upper
113	100		
55	144.5	128.1	168.1
56	106.1	90.7	130.7



Instrument :
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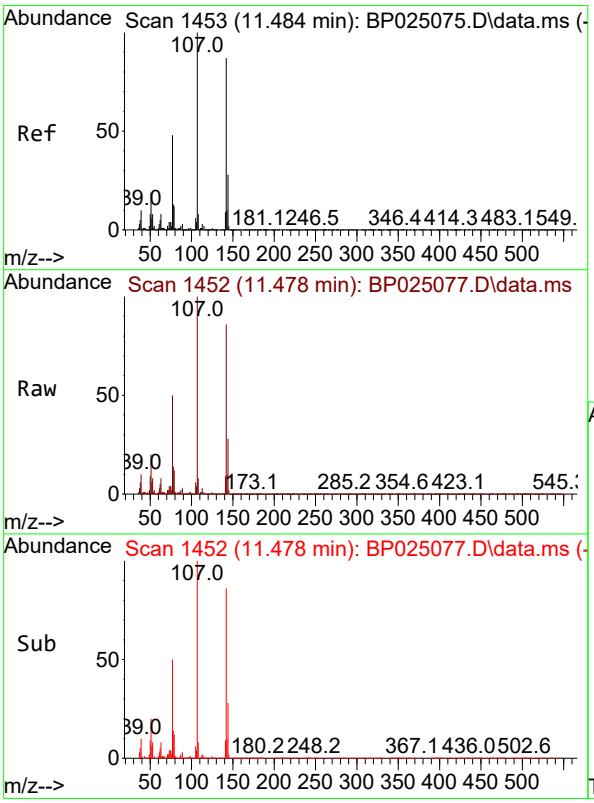
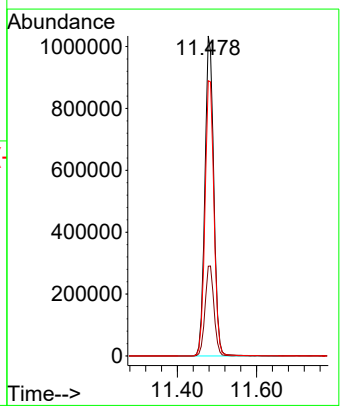
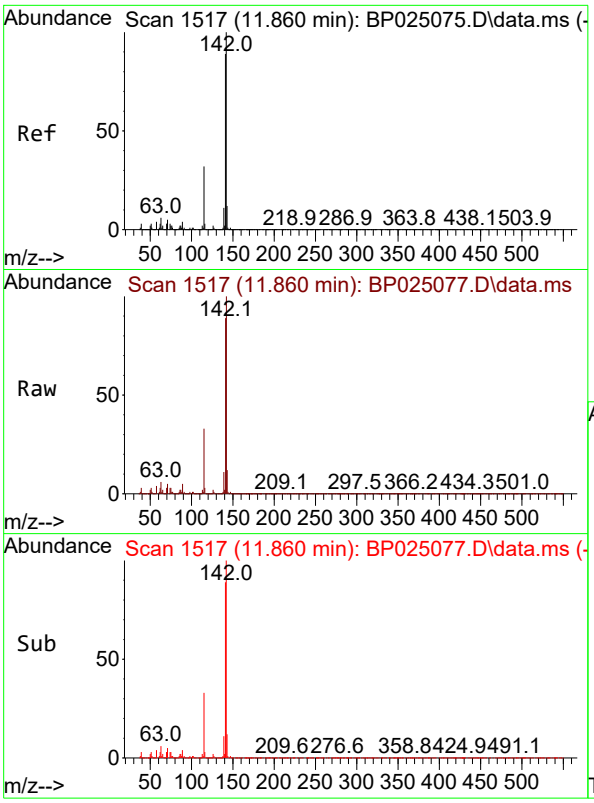


#36
4-Chloro-3-methylphenol
Concen: 65.488 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1604130

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	86.0	69.6	104.4

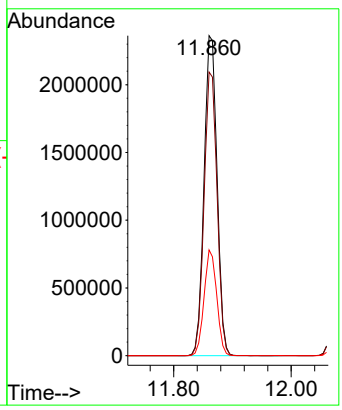




#37
2-Methylnaphthalene
Concen: 61.667 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 361308

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	33.0	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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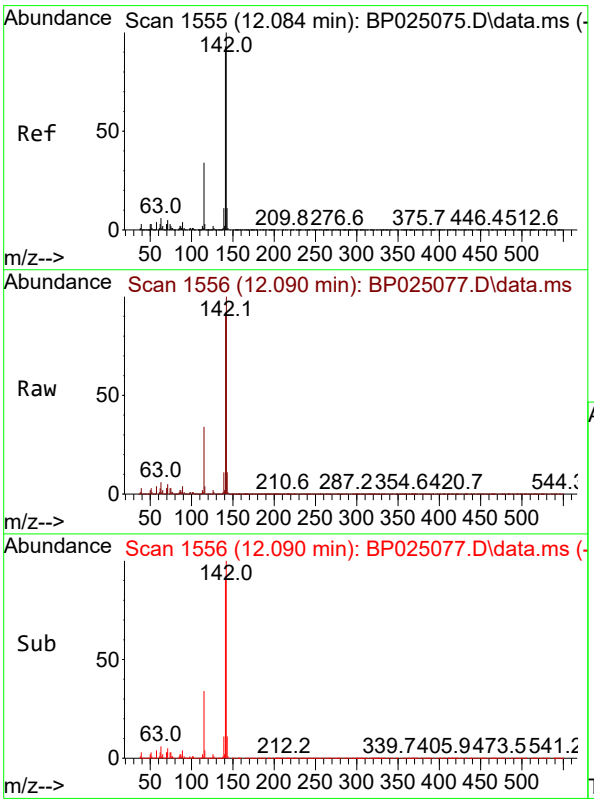
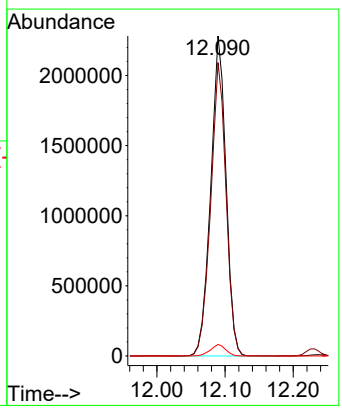
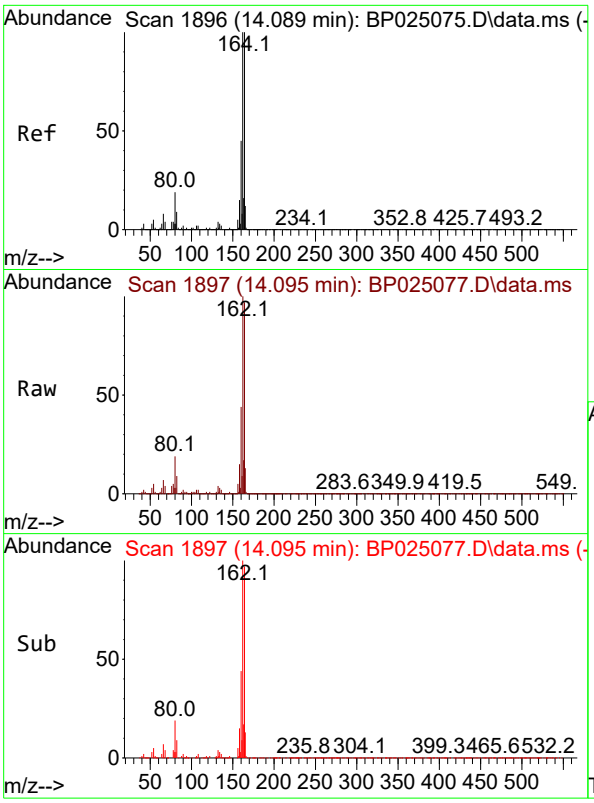


#38
1-Methylnaphthalene
Concen: 62.310 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 3560508

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	3.6	2.7	4.1

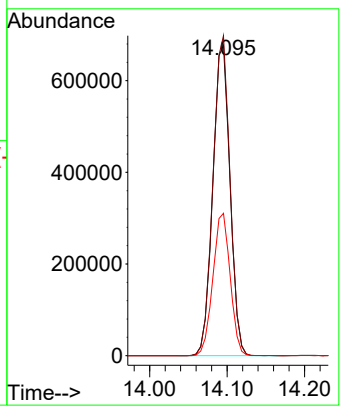




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:164 Resp: 104583

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.3	120.5
160	45.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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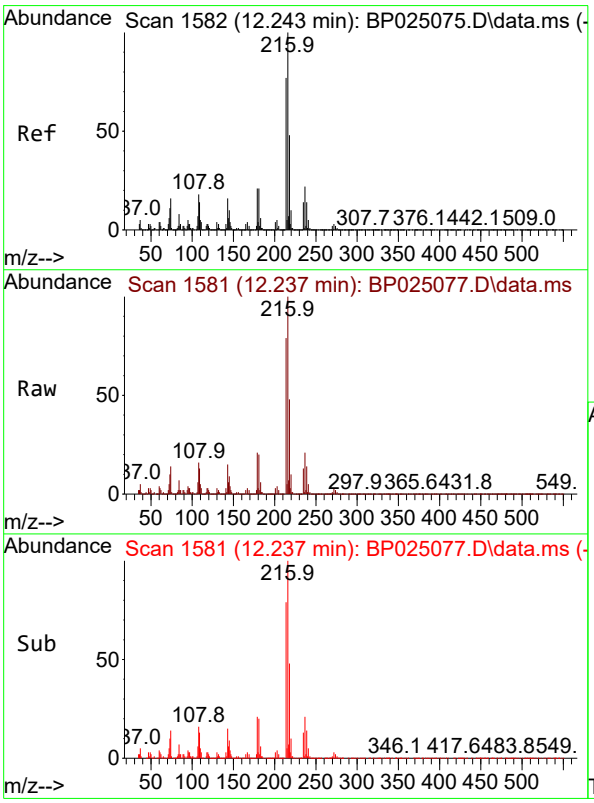
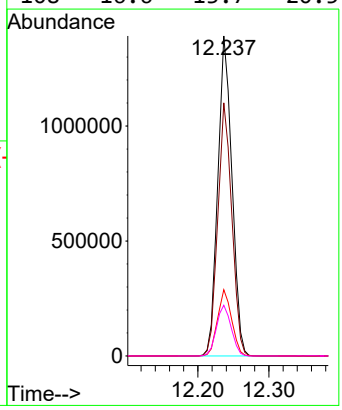
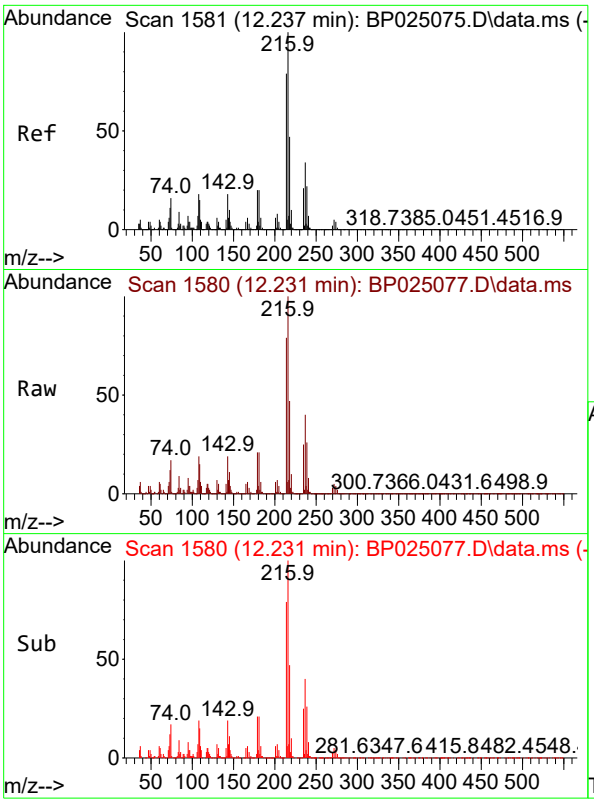


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.709 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:216 Resp: 1914890

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.7	16.5	24.7
108	16.6	13.7	20.5

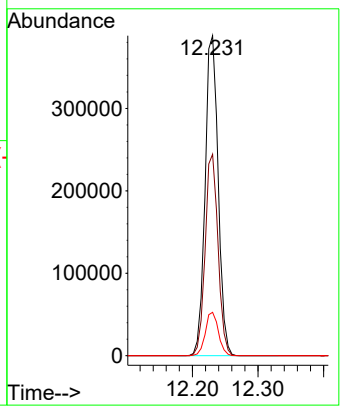




#41
Hexachlorocyclopentadiene
Concen: 68.439 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:237 Resp: 53731

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.6	81.6
272	13.6	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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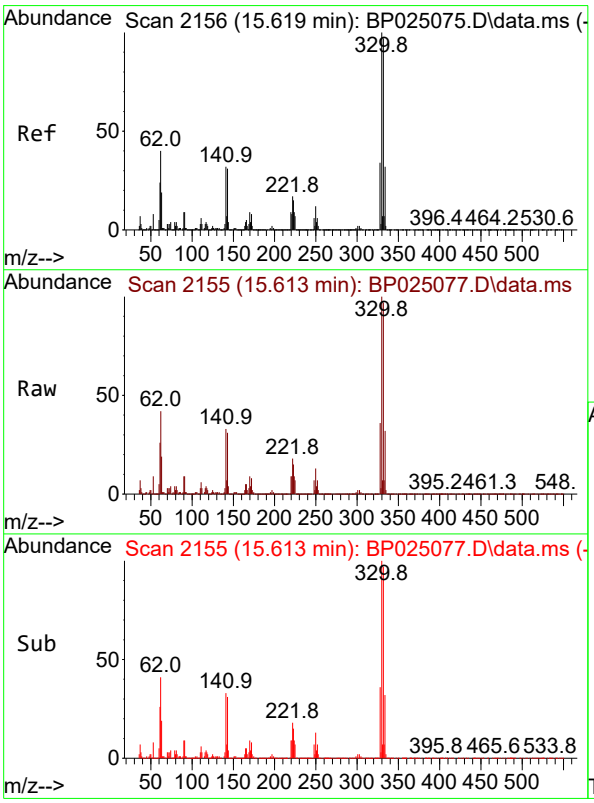
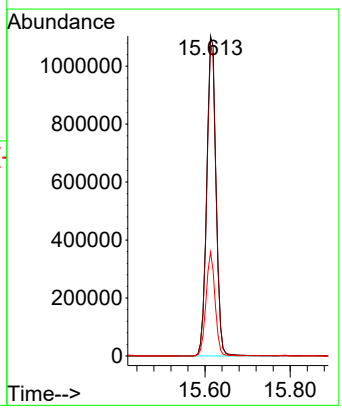
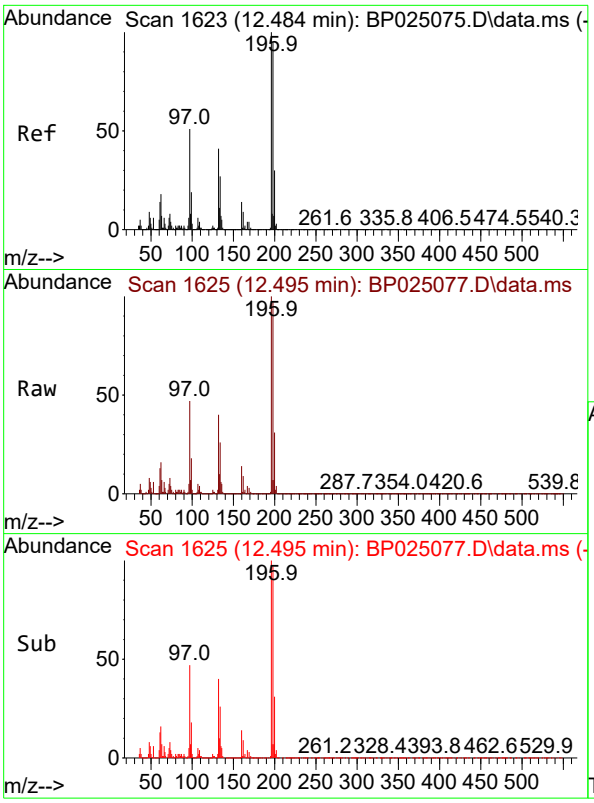


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:330 Resp: 1671151

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	31.6	26.0	39.0

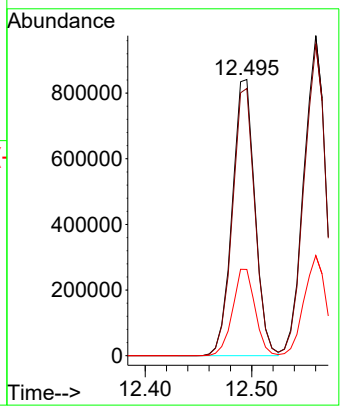




#43
2,4,6-Trichlorophenol
Concen: 68.701 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 125035

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
200	31.2	24.3	36.5



Instrument :
BNA_P
ClientSampleId :
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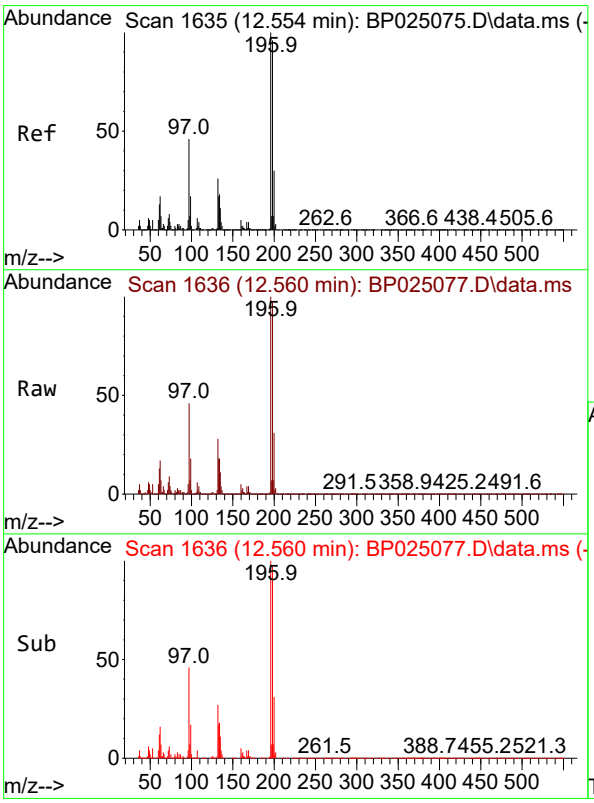
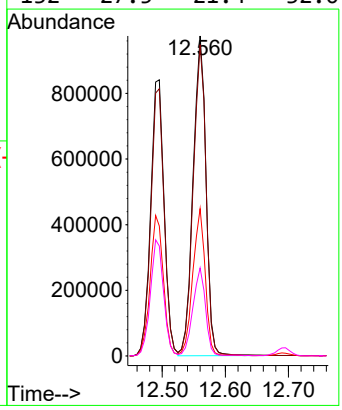
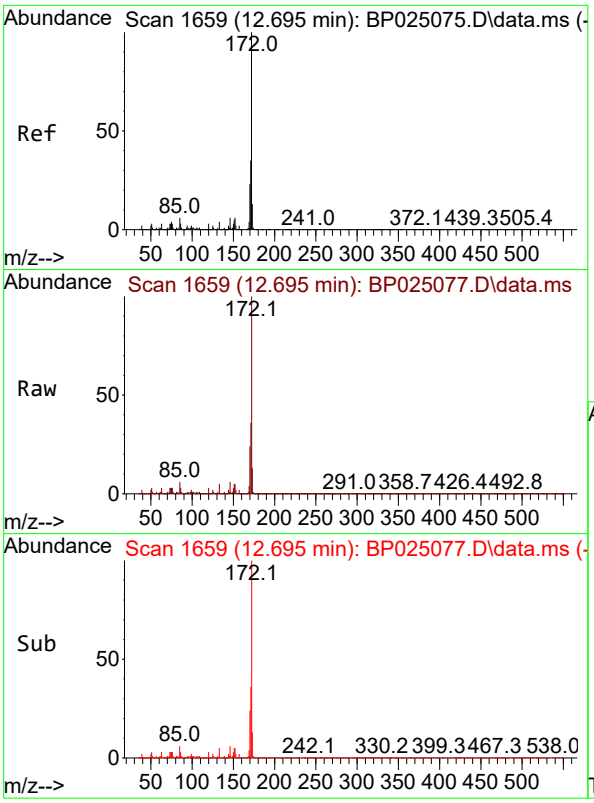


#44
2,4,5-Trichlorophenol
Concen: 67.090 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 1383790

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.6	115.0
97	46.1	36.6	55.0
132	27.5	21.4	32.0

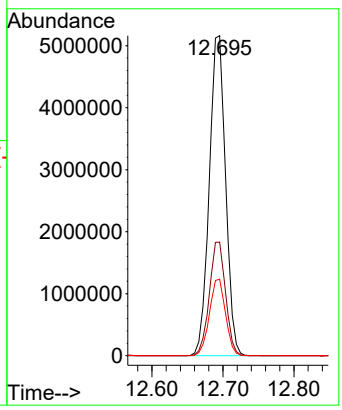




#45
2-Fluorobiphenyl
Concen: 121.896 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:172 Resp: 822913

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.9	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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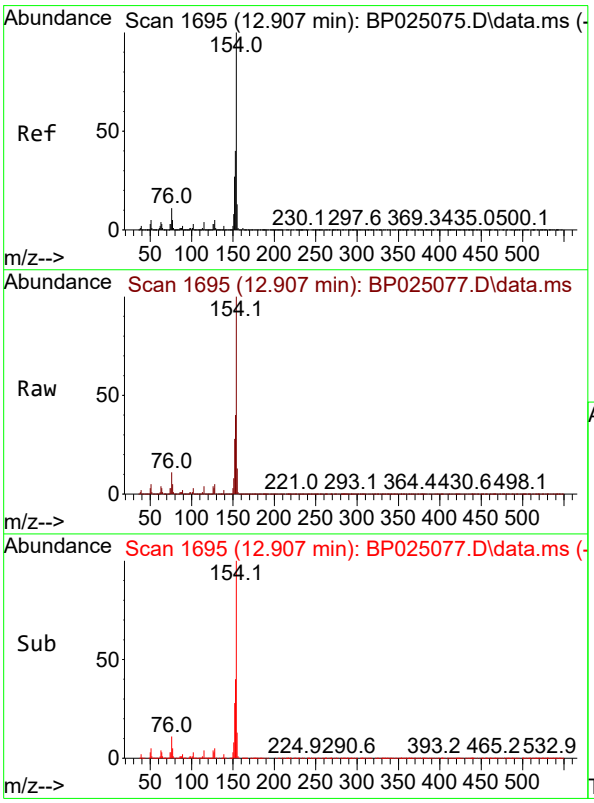
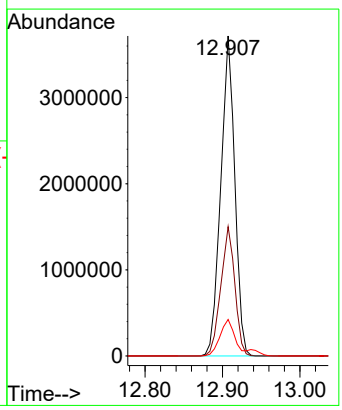
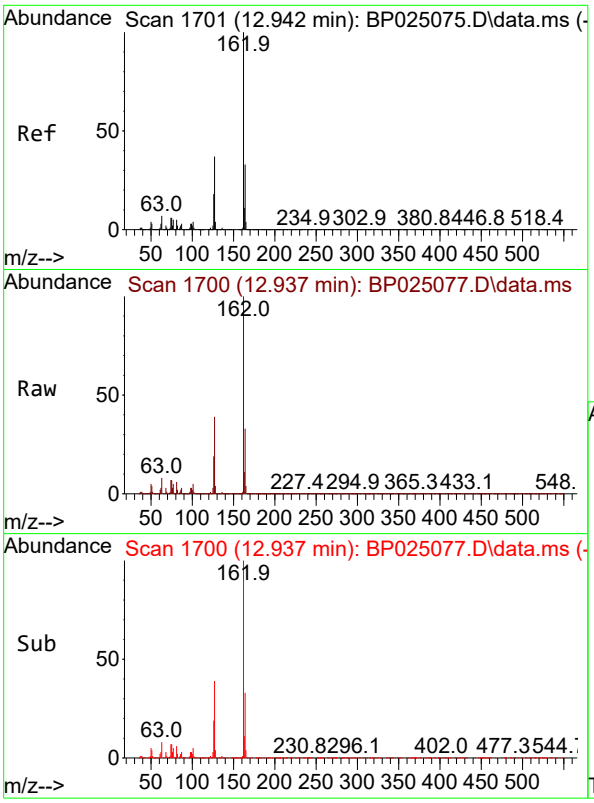


#46
1,1'-Biphenyl
Concen: 61.447 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 4675752

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.4	0.0	31.5

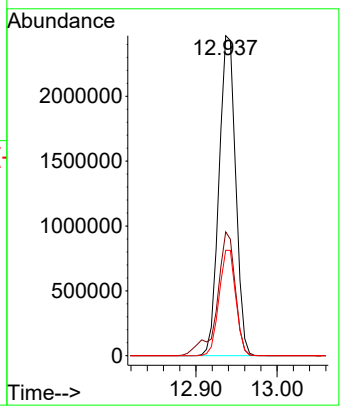




#47
2-Chloronaphthalene
Concen: 61.497 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:162 Resp: 351718

Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.4	44.2
164	32.9	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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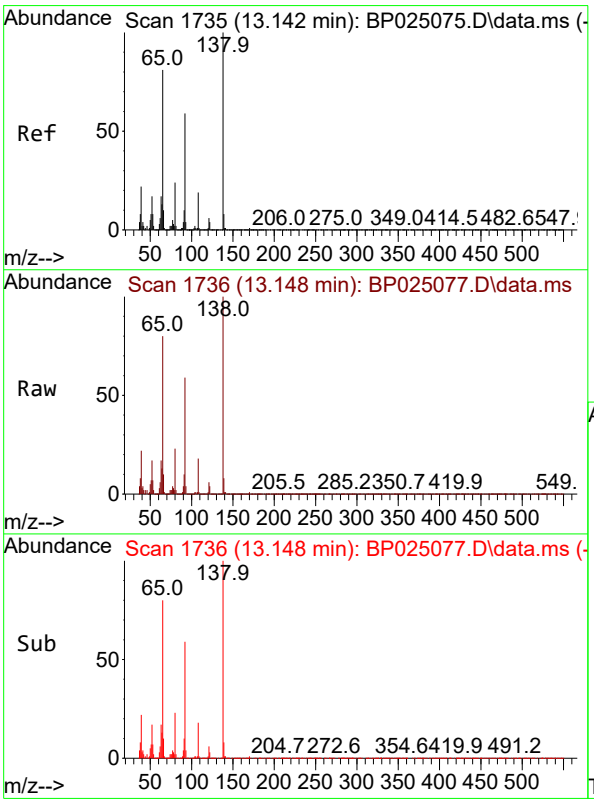
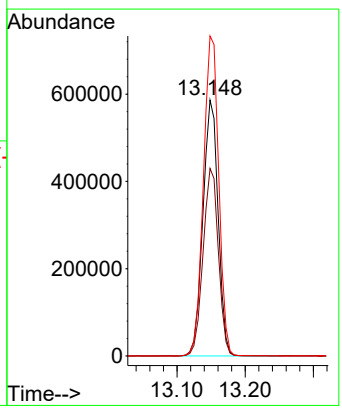
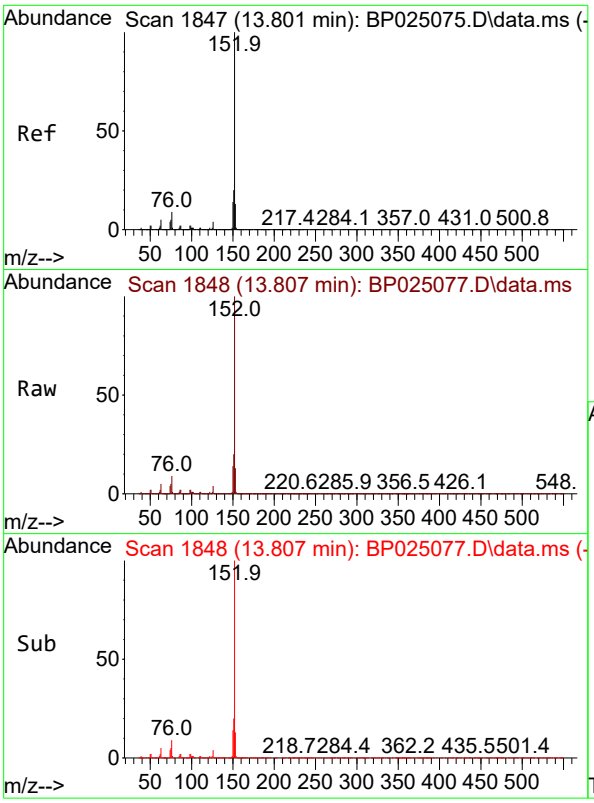


#48
2-Nitroaniline
Concen: 63.792 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 65 Resp: 907242

Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.7	88.1
138	125.1	99.0	148.4

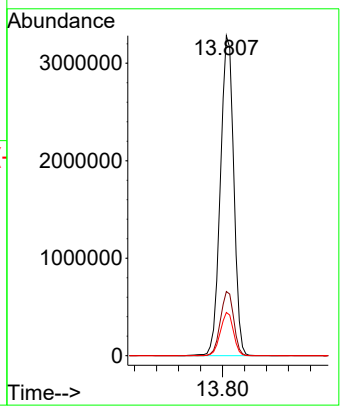




#49
Acenaphthylene
Concen: 63.134 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:152 Resp: 552642

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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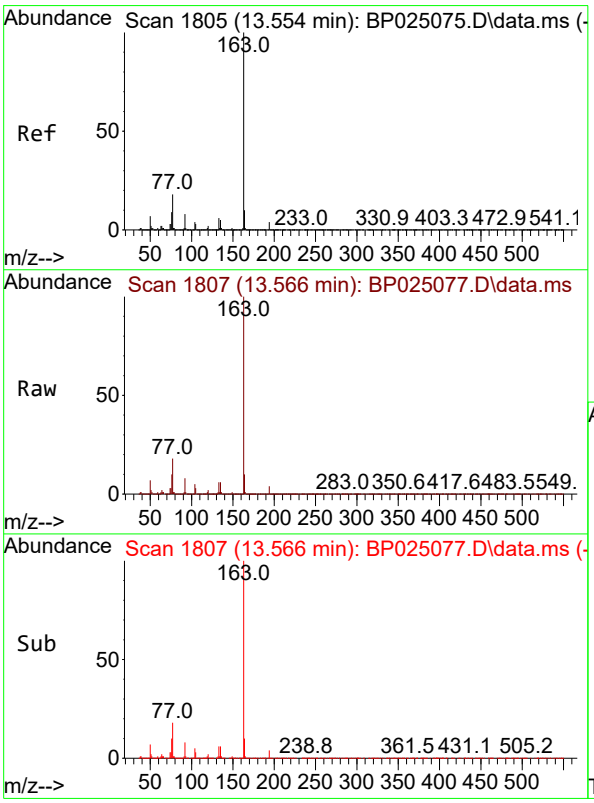
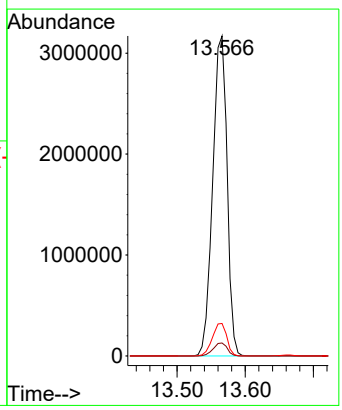
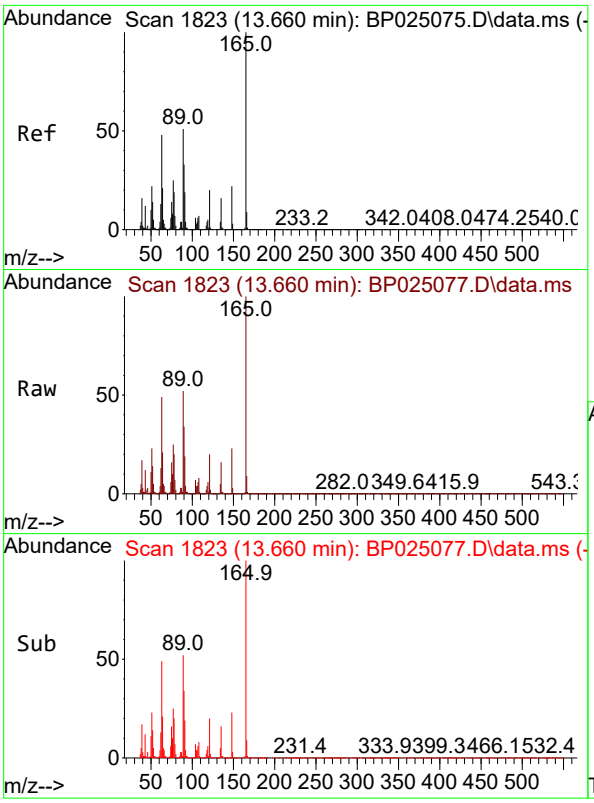


#50
Dimethylphthalate
Concen: 63.498 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:163 Resp: 4648592

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 68.780 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:165 Resp: 98203

Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.5	57.7
89	51.9	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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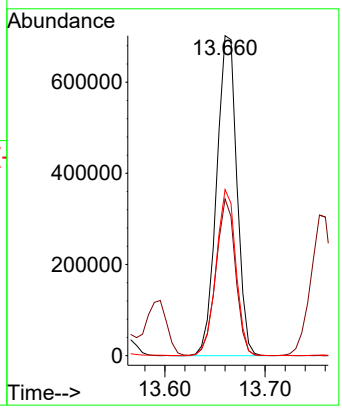
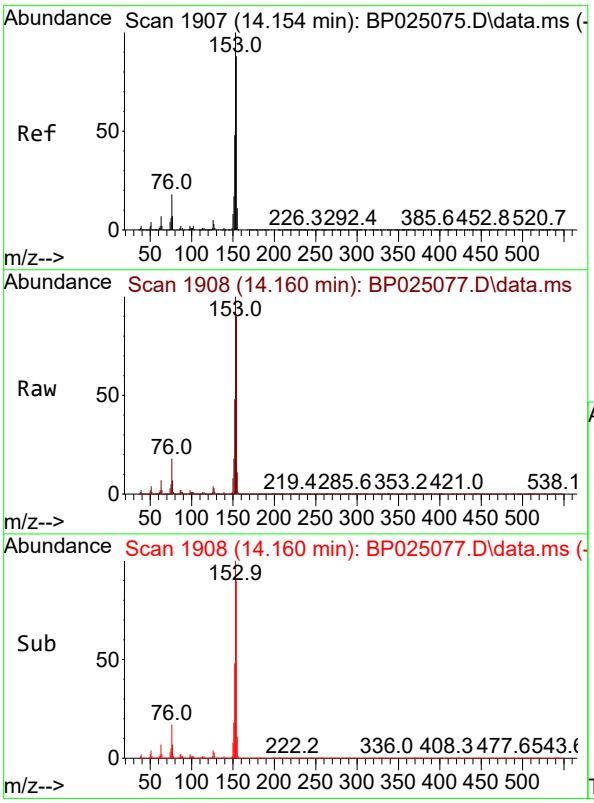
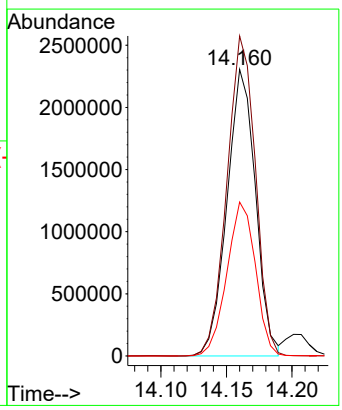


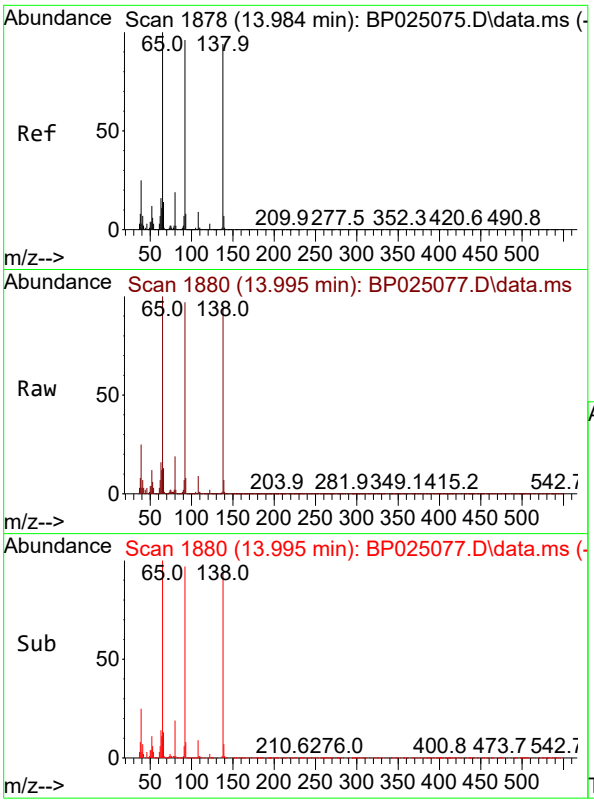


#52
Acenaphthene
Concen: 61.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 3486609

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.7	43.8	65.8

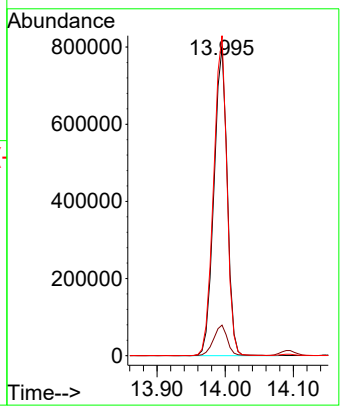




#53
3-Nitroaniline
Concen: 70.651 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 108105

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	103.9	81.0	121.4



Instrument :
BNA_P
ClientSampleId :
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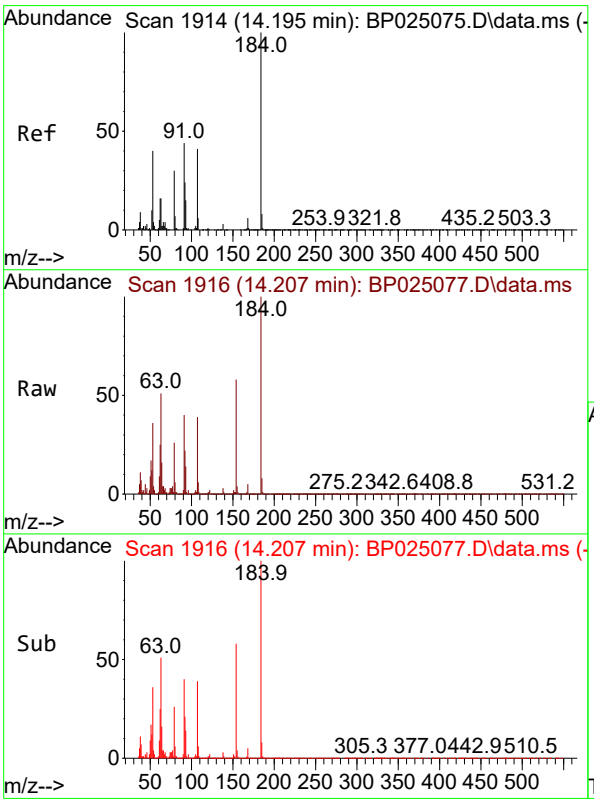
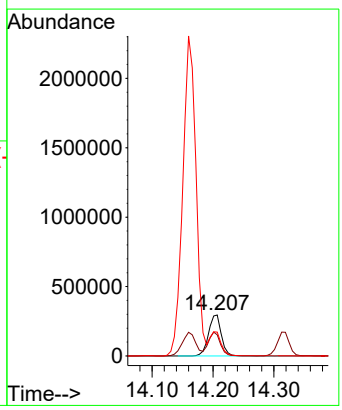
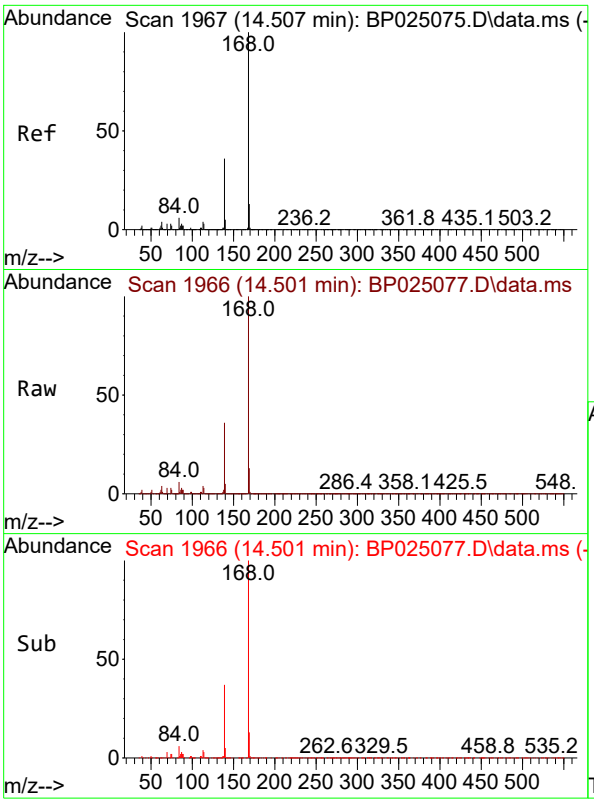


#54
2,4-Dinitrophenol
Concen: 62.873 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 430100

Ion	Ratio	Lower	Upper
184	100		
63	51.5	47.4	71.0
154	58.2	47.8	71.8

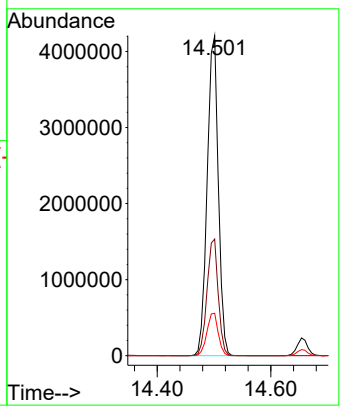




#55
Dibenzofuran
Concen: 61.105 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:168 Resp: 568947

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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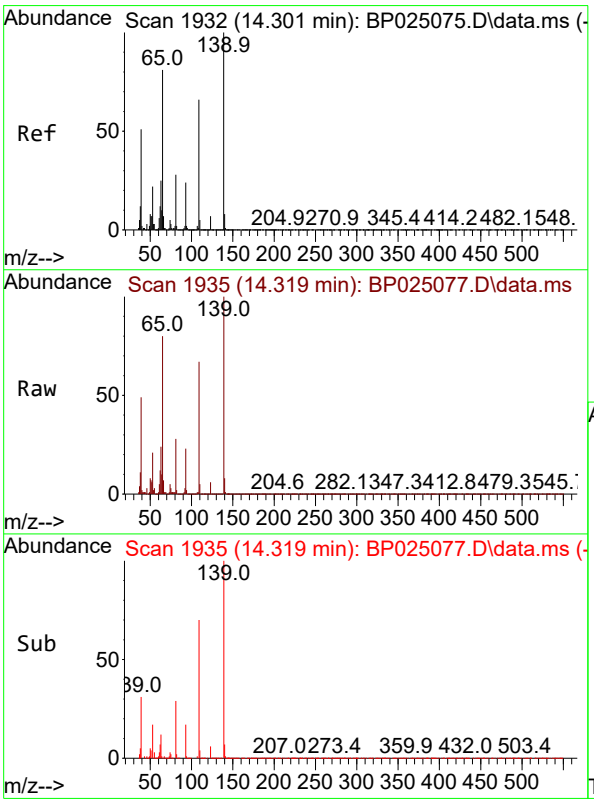
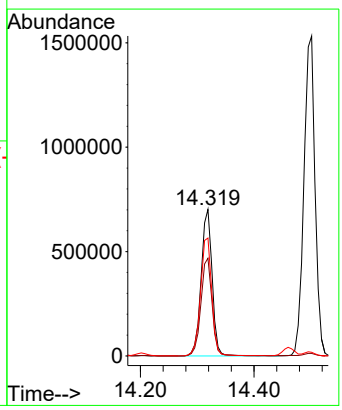
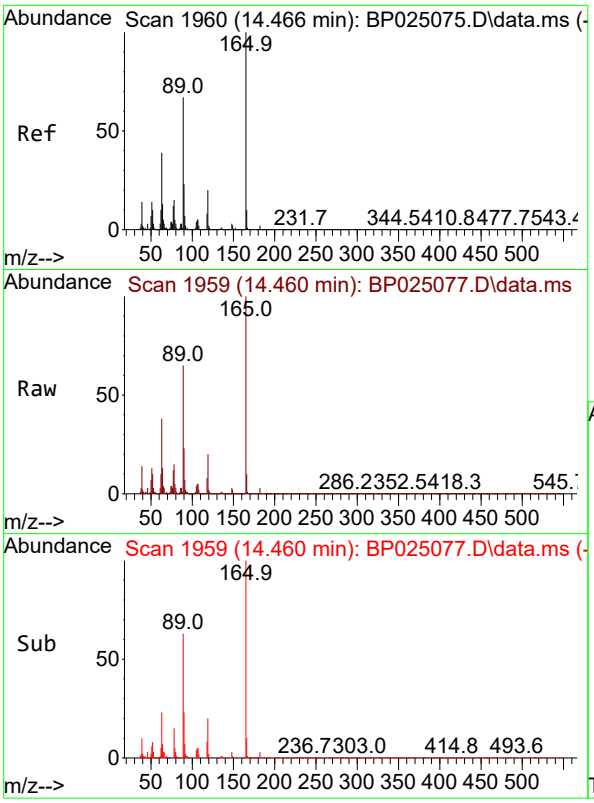


#56
4-Nitrophenol
Concen: 66.867 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 944200

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.9	85.9
65	80.4	61.4	101.4

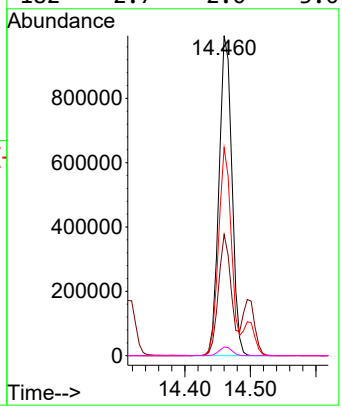




#57
2,4-Dinitrotoluene
Concen: 63.463 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:165 Resp: 134867

Ion	Ratio	Lower	Upper
165	100		
63	37.9	31.0	46.4
89	65.1	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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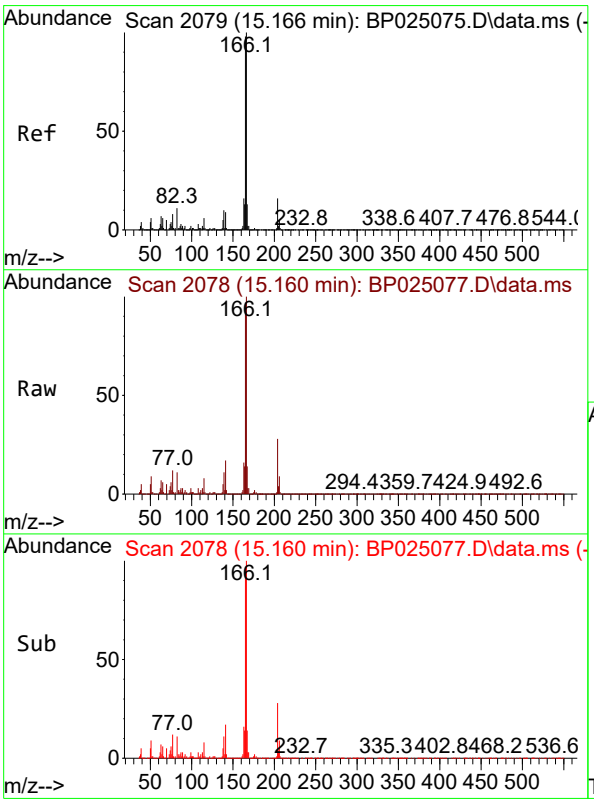
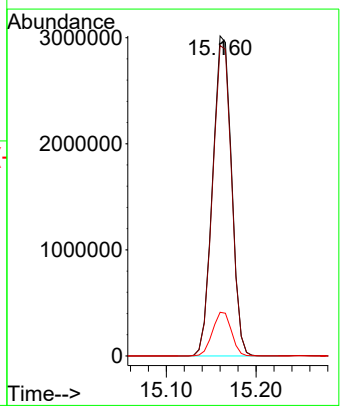
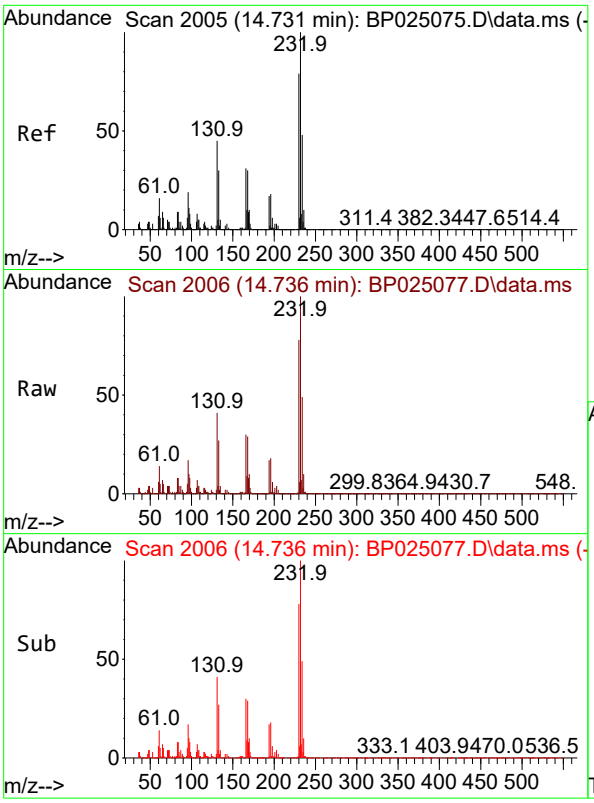


#58
Fluorene
Concen: 61.134 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:166 Resp: 4402726

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.6	10.7	16.1

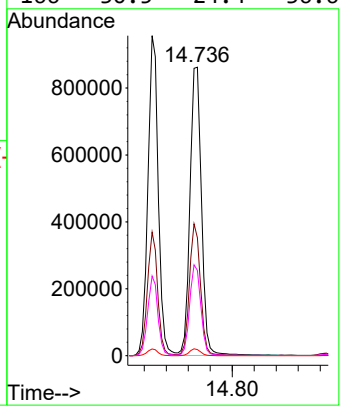




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.732 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:232 Resp: 124643

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.7	53.5
130	2.3	1.8	2.6
166	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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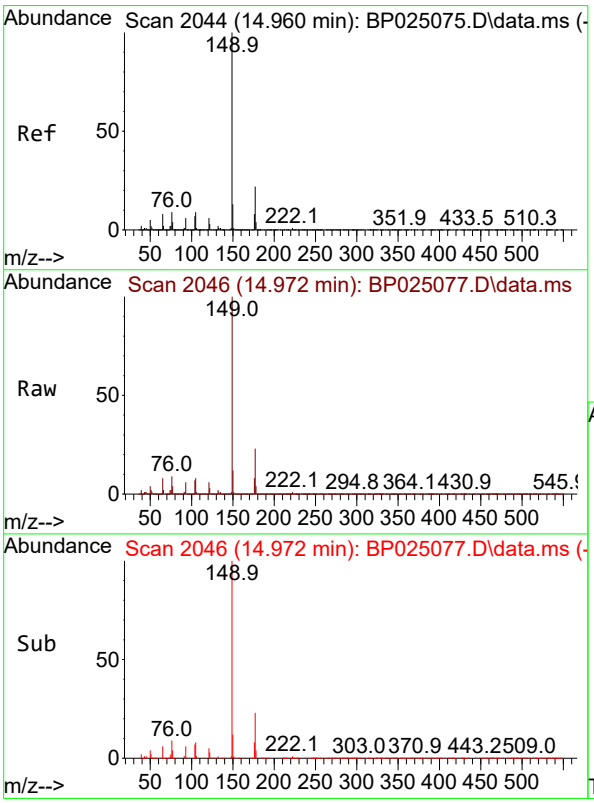
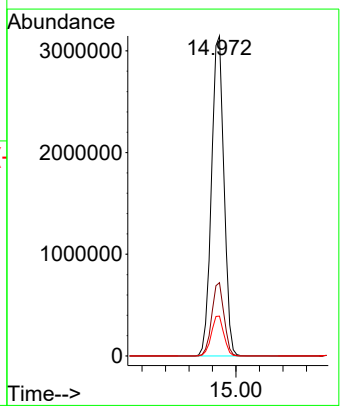
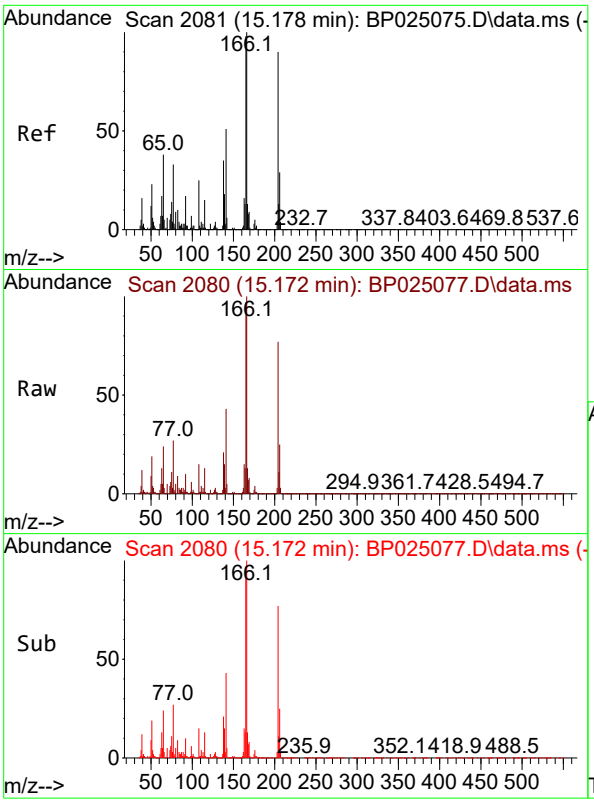


#60
Diethylphthalate
Concen: 63.033 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4634770

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.8
150	12.4	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 61.583 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:204 Resp: 219483

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	56.4	45.1	67.7

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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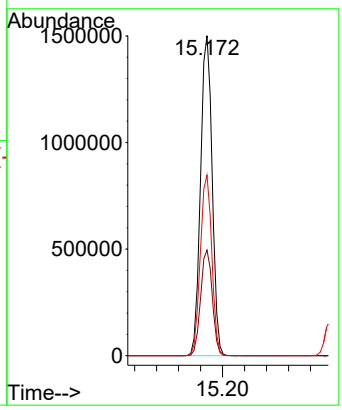
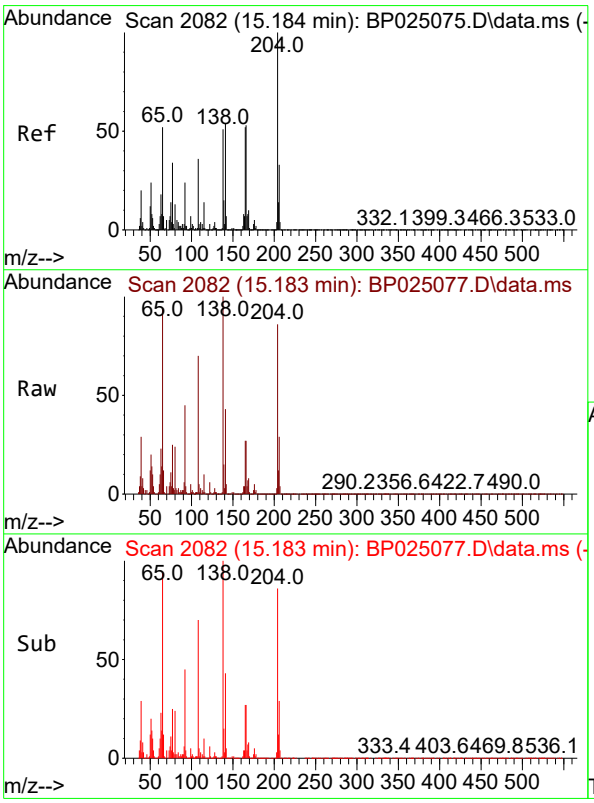
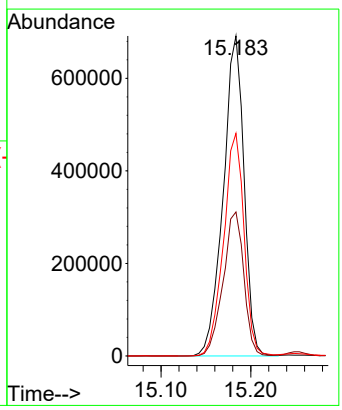


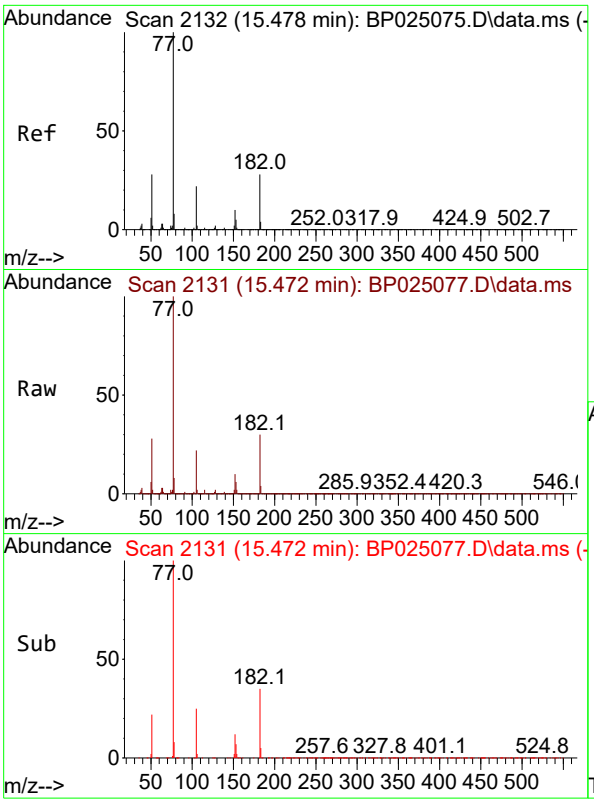


#62
4-Nitroaniline
Concen: 69.287 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 1111684

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	69.6	50.0	90.0

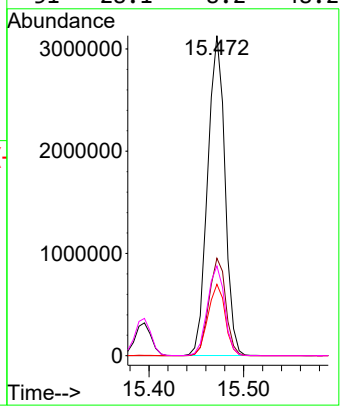




#63
Azobenzene
Concen: 60.626 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 396952

Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.7	47.7
105	22.3	1.9	41.9
51	28.1	8.2	48.2



Instrument :
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ClientSampleId :
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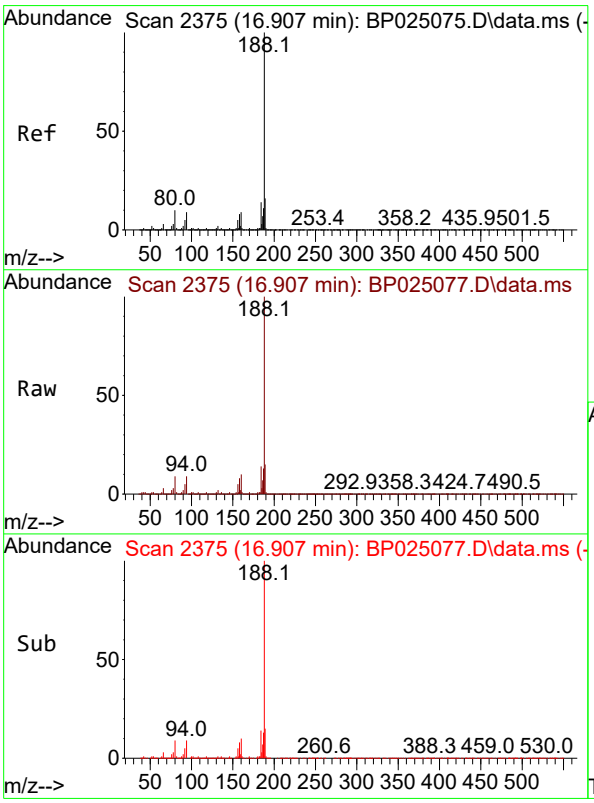
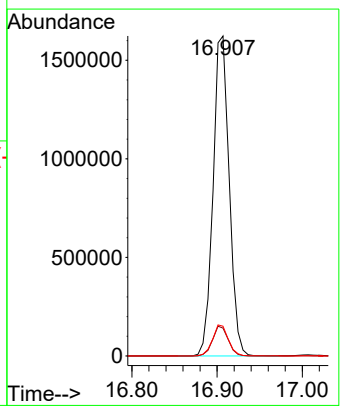
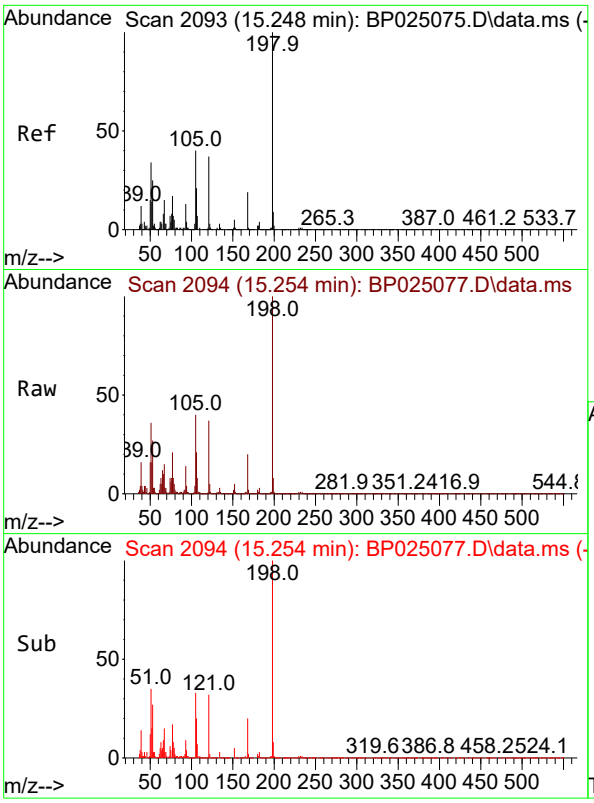


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:188 Resp: 2142509

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6

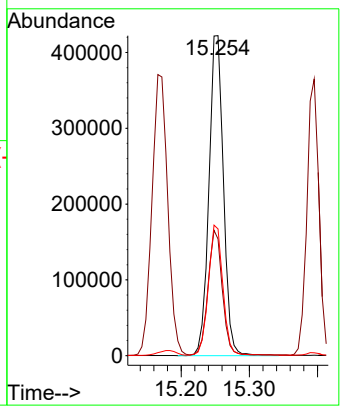




#65
4,6-Dinitro-2-methylphenol
Concen: 62.277 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:198 Resp: 62549

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.6	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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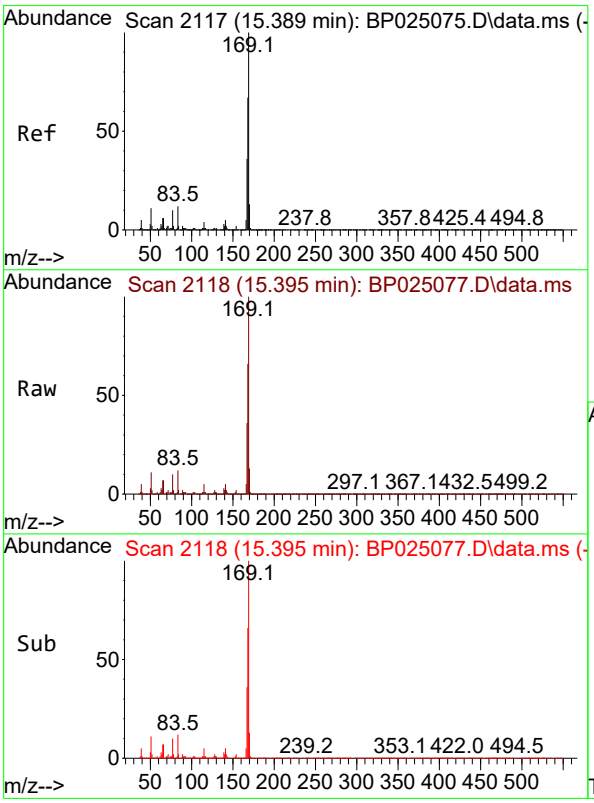
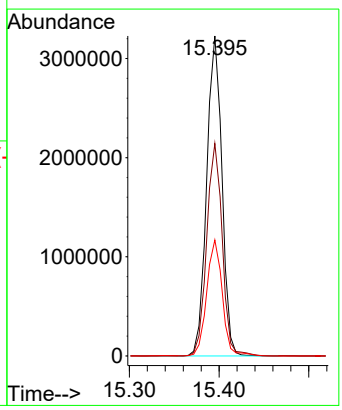
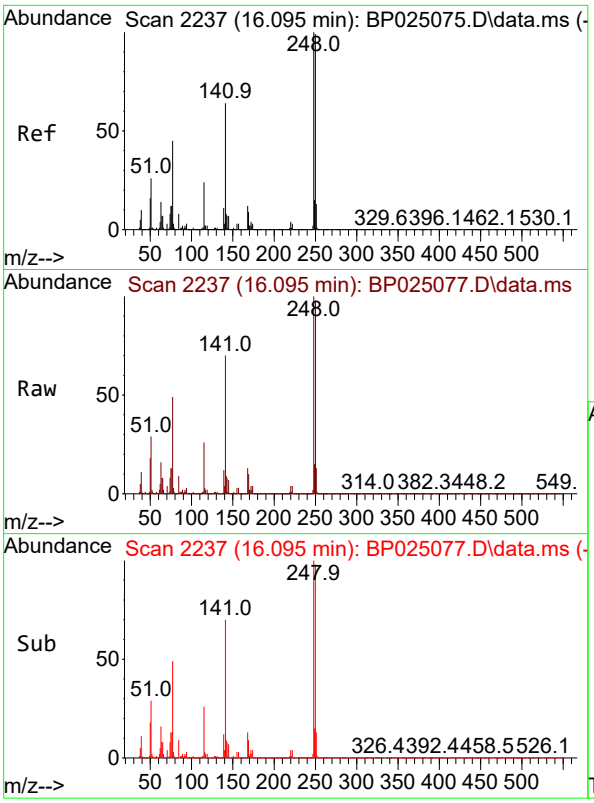


#66
n-Nitrosodiphenylamine
Concen: 62.033 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:169 Resp: 3803576

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.3	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 62.680 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:248 Resp: 137501

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.4	119.2
141	70.2	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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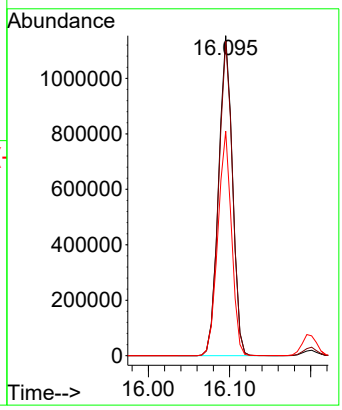
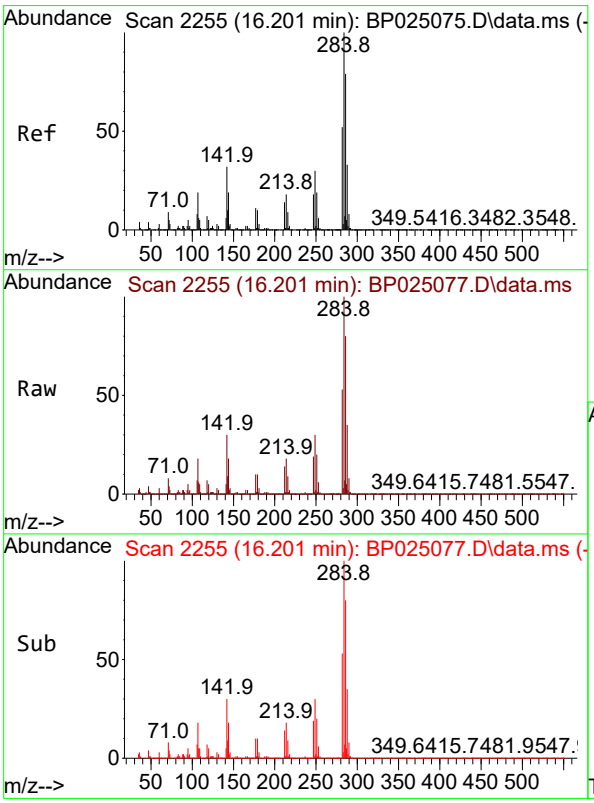
Supervised By :Jagrut Upadhyay 07/07/2025

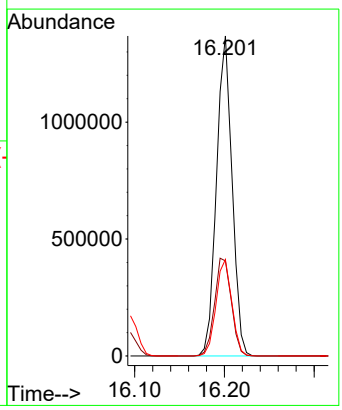


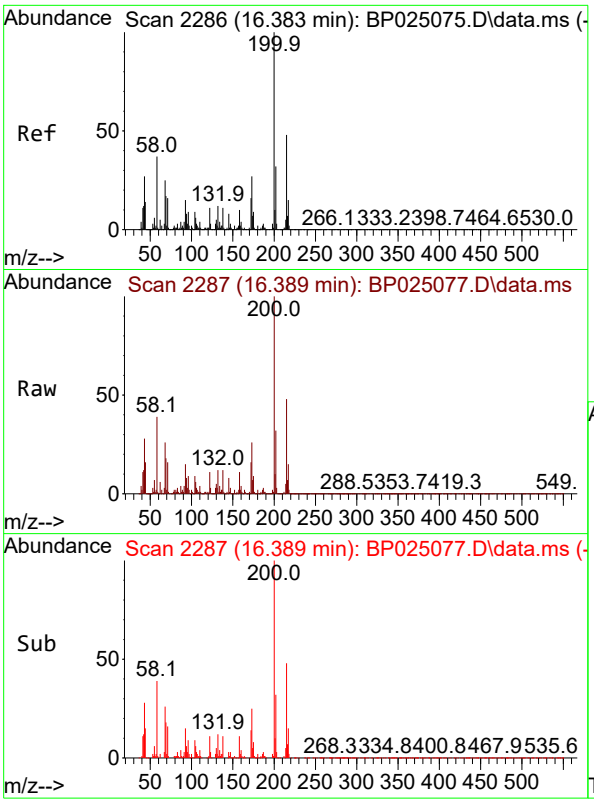


#68
Hexachlorobenzene
Concen: 61.529 ng
RT: 16.201 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:284 Resp: 1649772

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.9	38.9
249	30.2	23.8	35.8

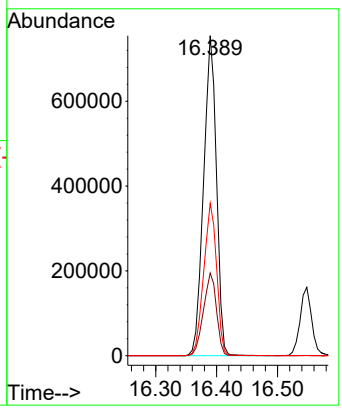




#69
Atrazine
Concen: 61.661 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:200 Resp: 110789

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	47.6	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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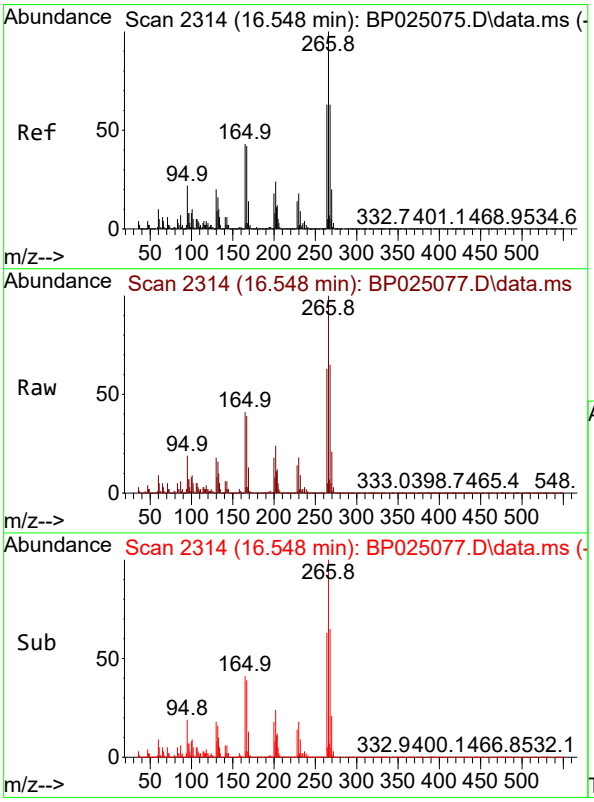
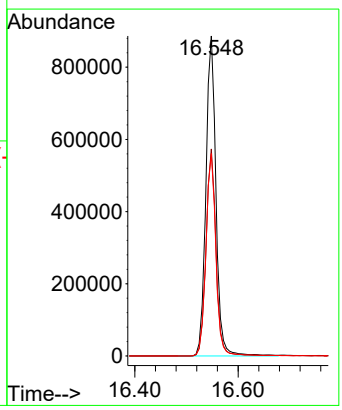
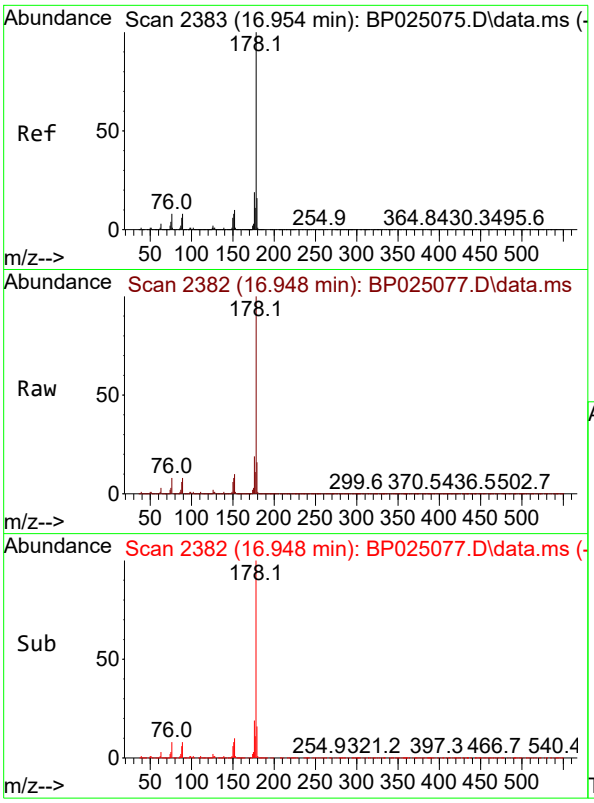


#70
Pentachlorophenol
Concen: 66.135 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:266 Resp: 1197597

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.4	75.6
264	63.2	50.2	75.2

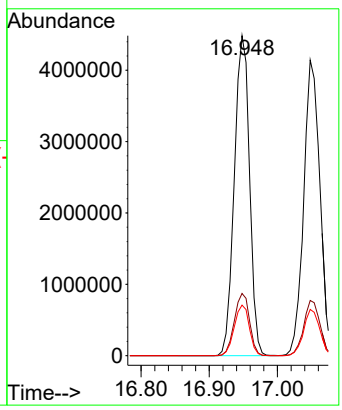




#71
Phenanthrene
Concen: 60.733 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 695289

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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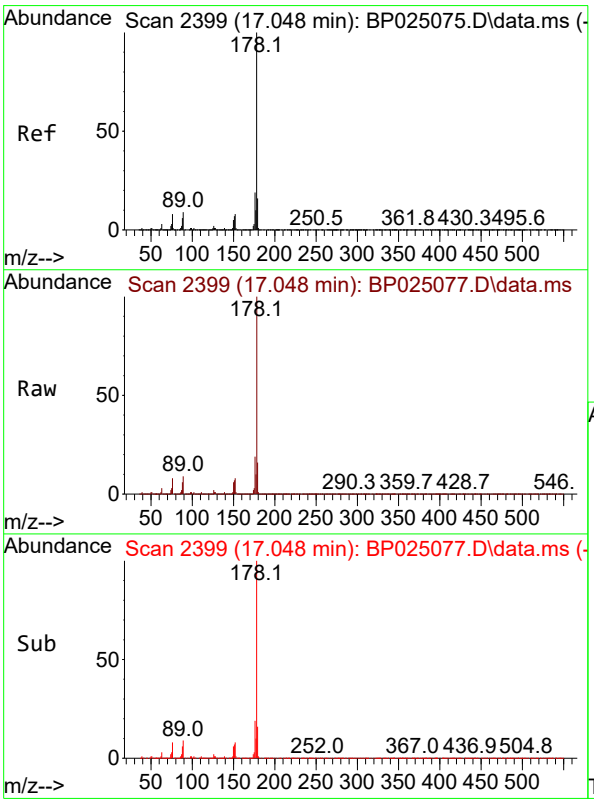
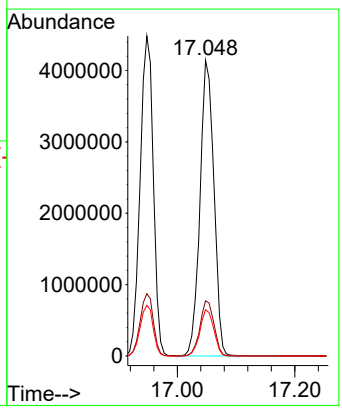
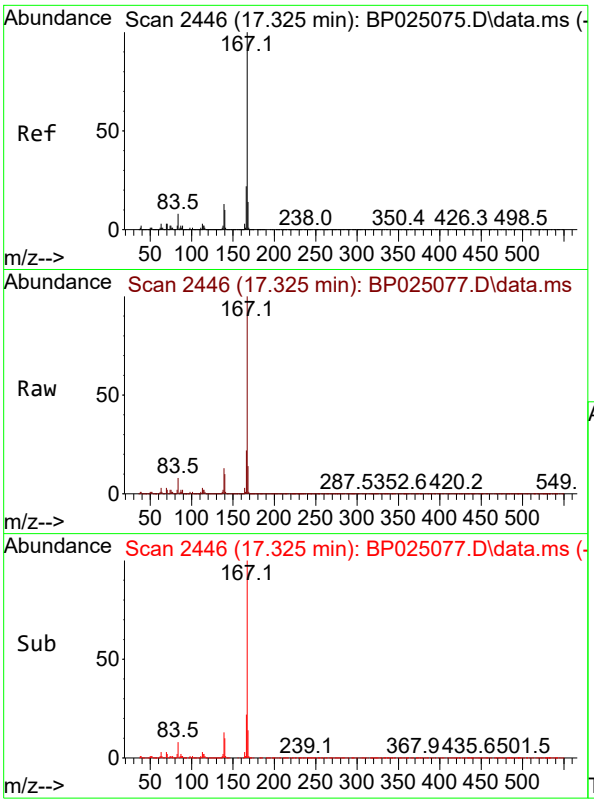


#72
Anthracene
Concen: 62.154 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 6826544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.6	12.5	18.7

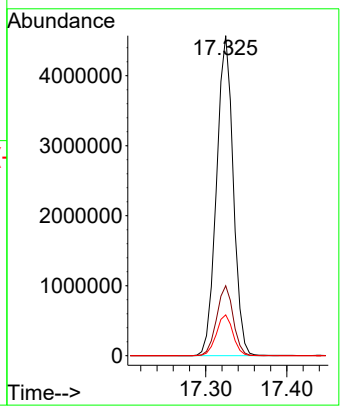




#73
Carbazole
Concen: 60.850 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:167 Resp: 653457

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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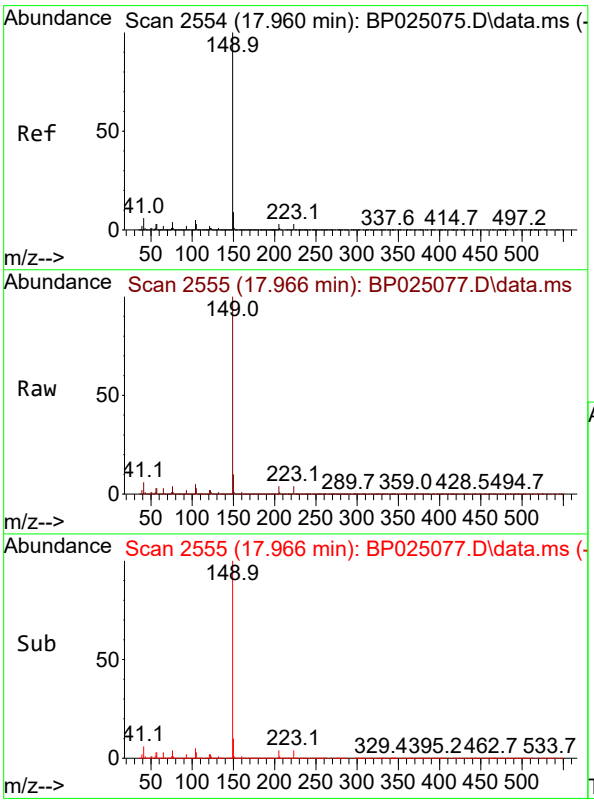
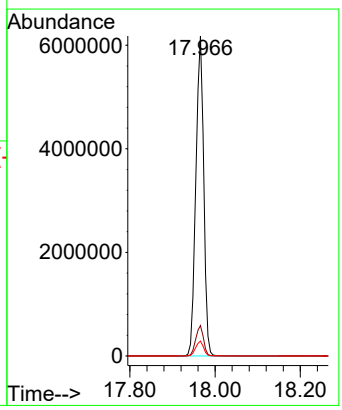
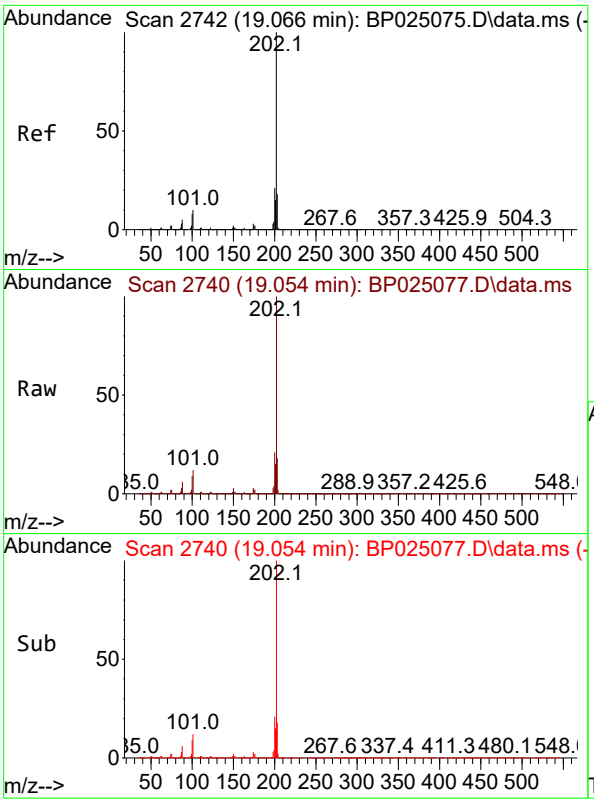


#74
Di-n-butylphthalate
Concen: 65.983 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 7890575

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.8	5.6

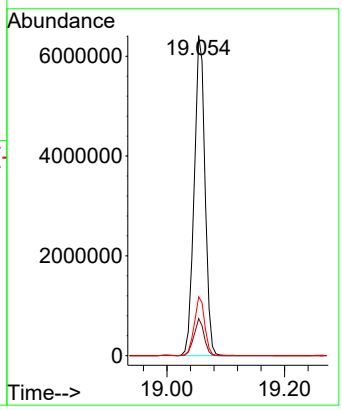




#75
Fluoranthene
Concen: 60.911 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 815108

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	18.4	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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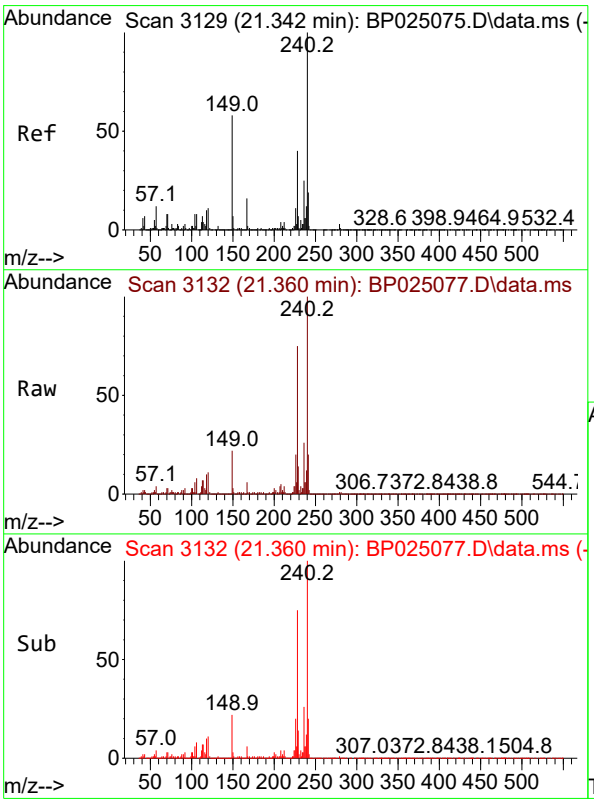
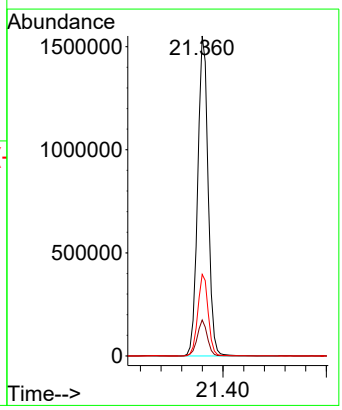
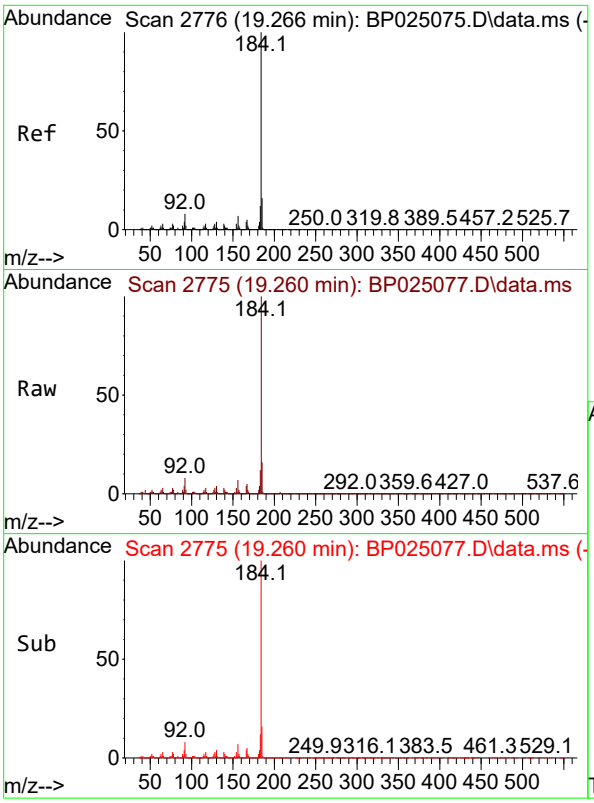


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:240 Resp: 2162992

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.5	20.3	30.5

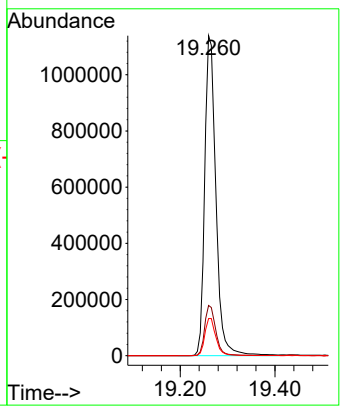




#77
Benzidine
Concen: 48.887 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 186757

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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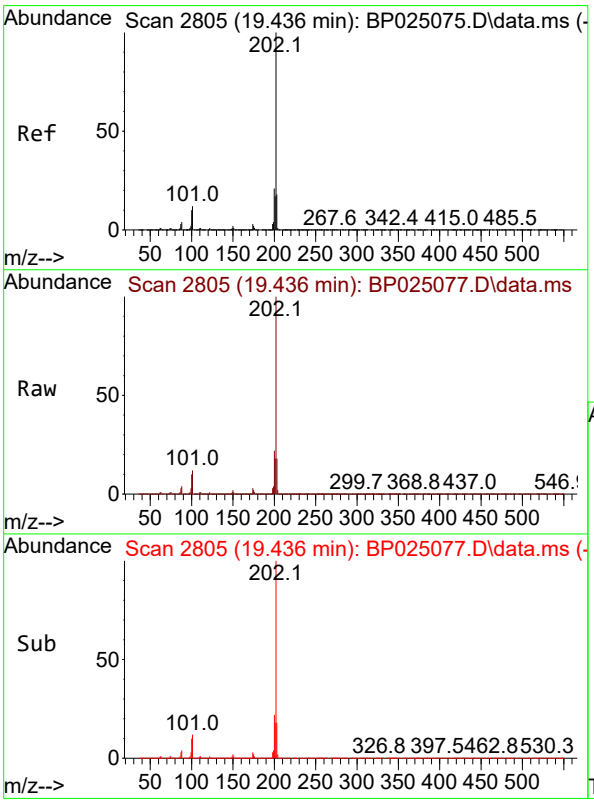
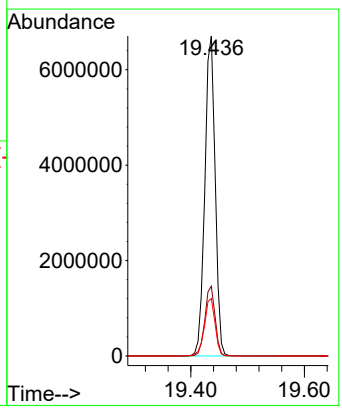
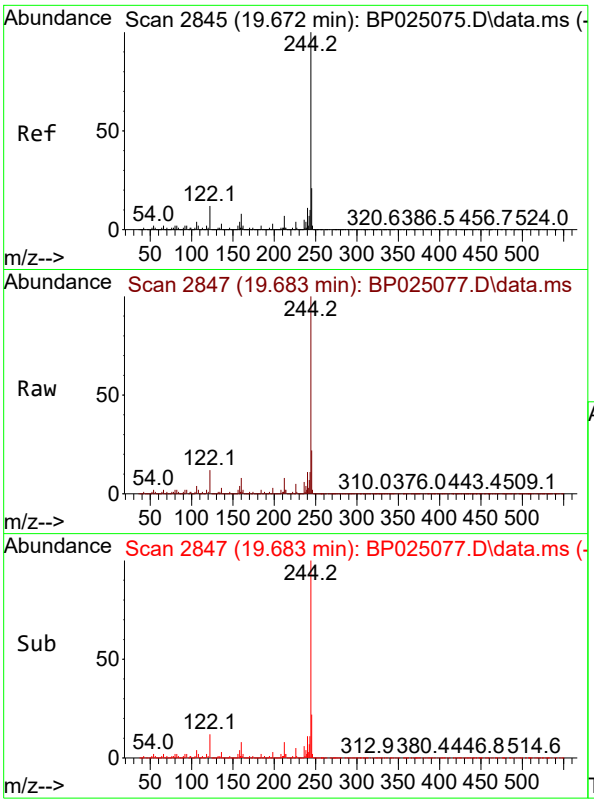


#78
Pyrene
Concen: 63.052 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 8447118

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.9	14.1	21.1

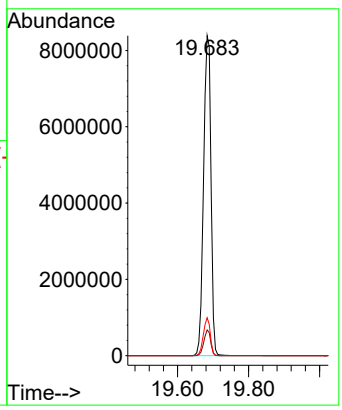




#79
Terphenyl-d14
Concen: 123.446 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:244 Resp:1214910

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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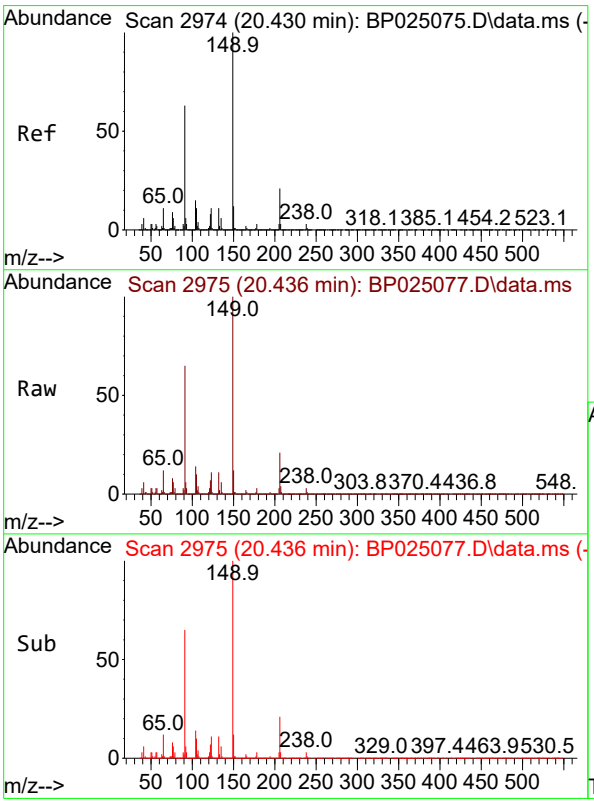
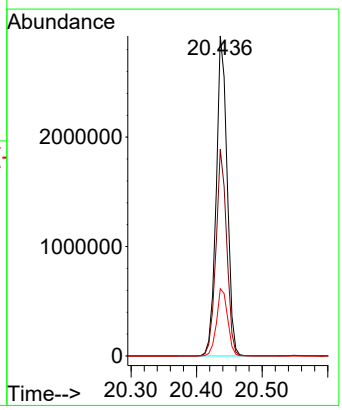
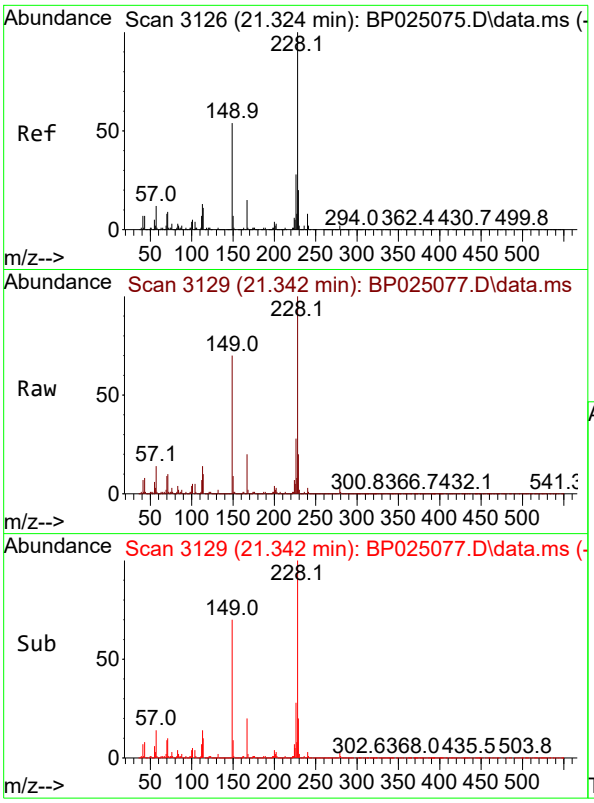


#80
Butylbenzylphthalate
Concen: 63.936 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 3368485

Ion	Ratio	Lower	Upper
149	100		
91	64.5	50.6	76.0
206	21.0	17.2	25.8





#81
Benzo(a)anthracene
Concen: 62.254 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:228 Resp: 816025

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.5	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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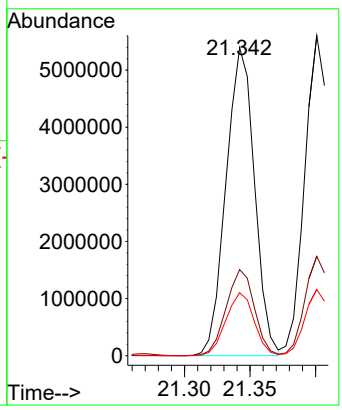
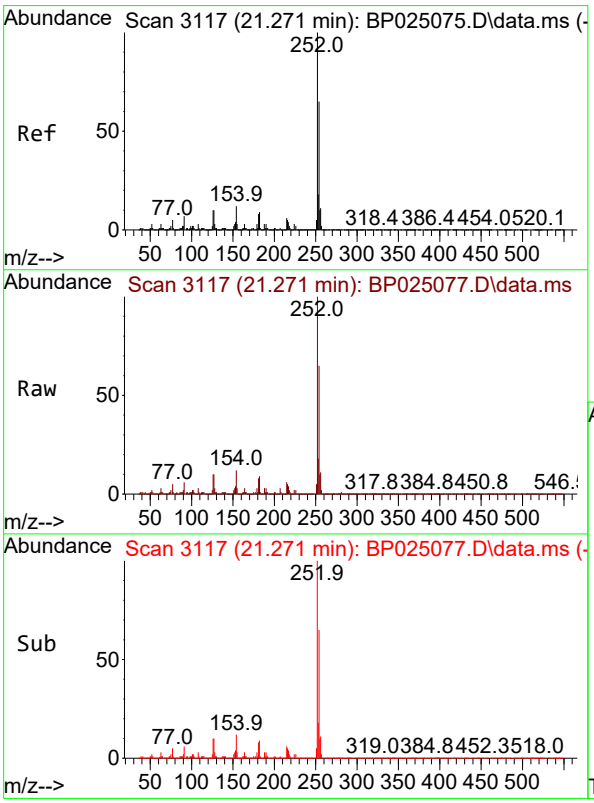
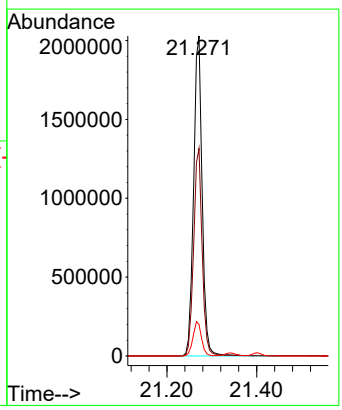


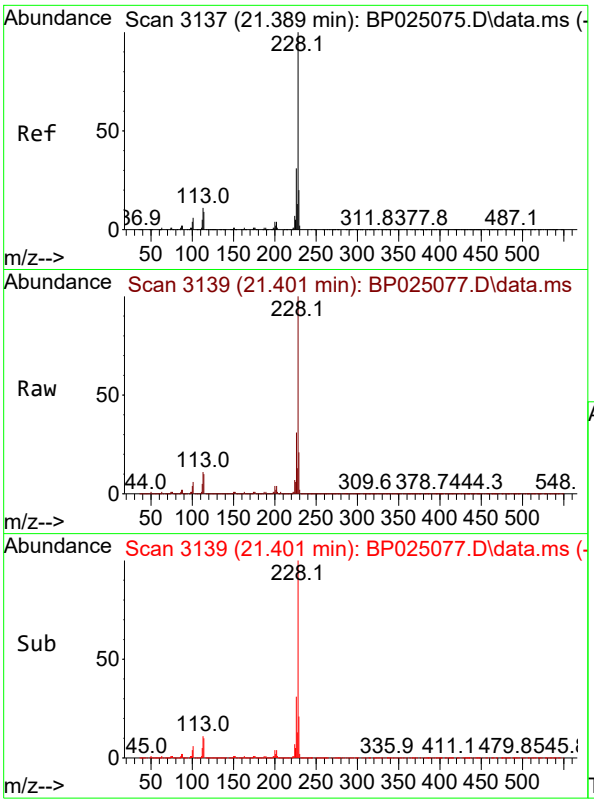


#82
3,3'-Dichlorobenzidine
Concen: 68.044 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 2685016

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.9	8.1	12.1

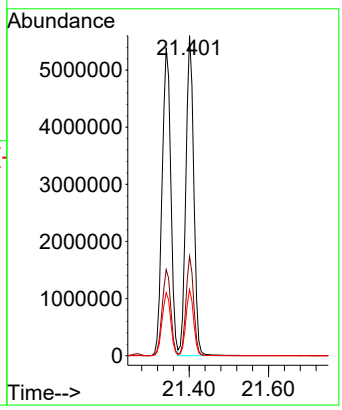




#83
Chrysene
Concen: 61.276 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:228 Resp: 772961

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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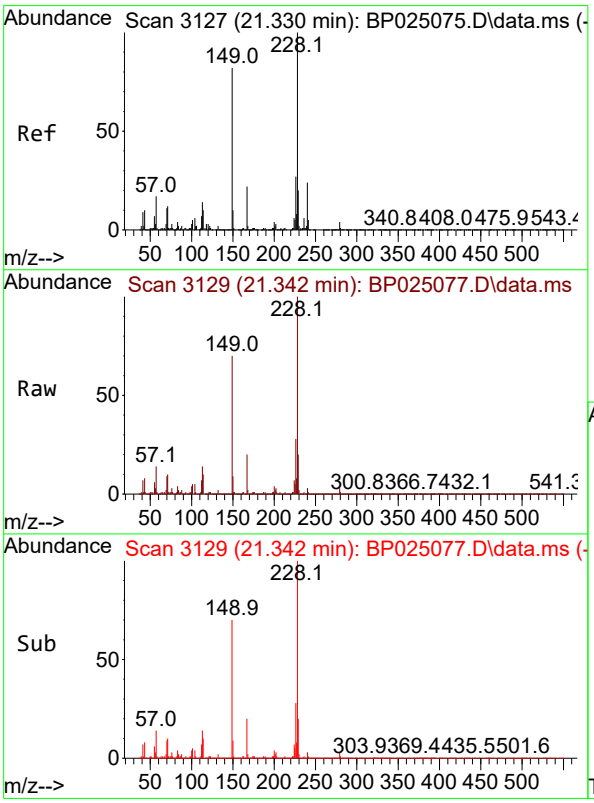
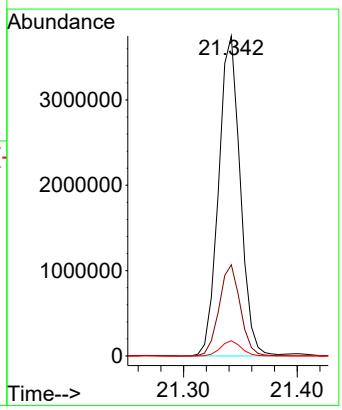
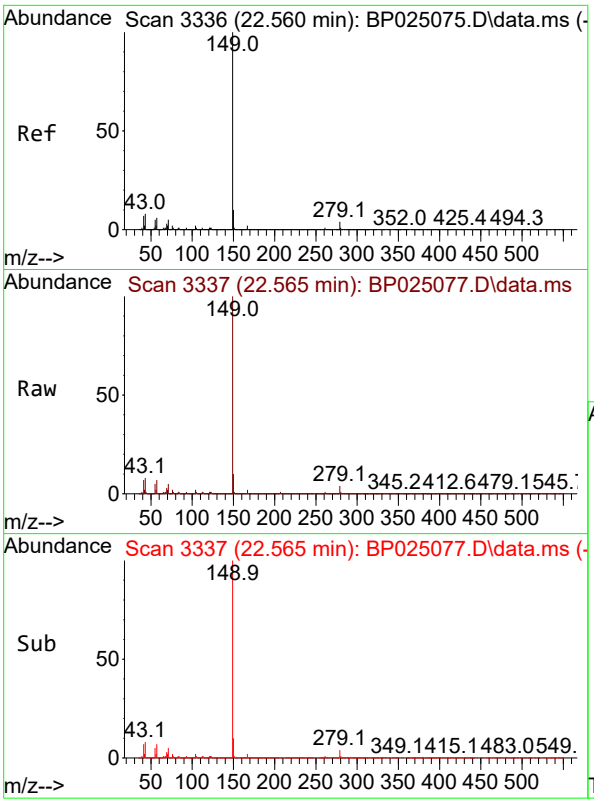


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.551 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4960480

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	4.8	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

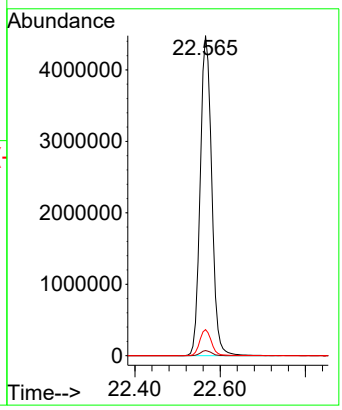
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

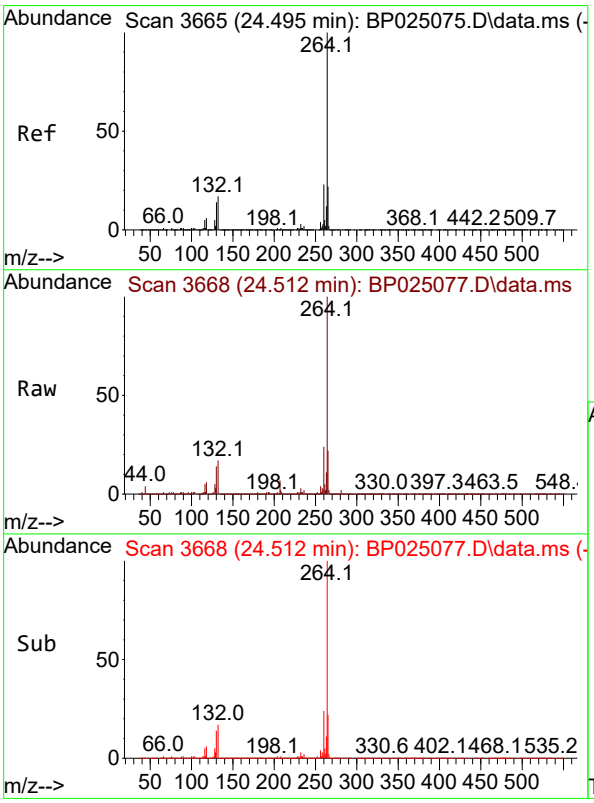
Tgt Ion:149 Resp: 838428

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

Manual Integrations
APPROVED

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

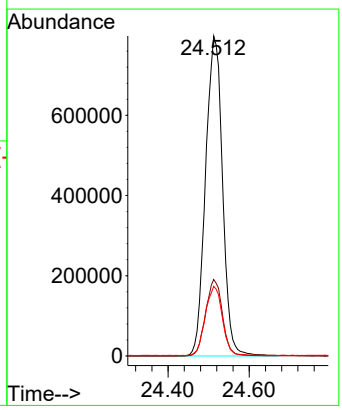


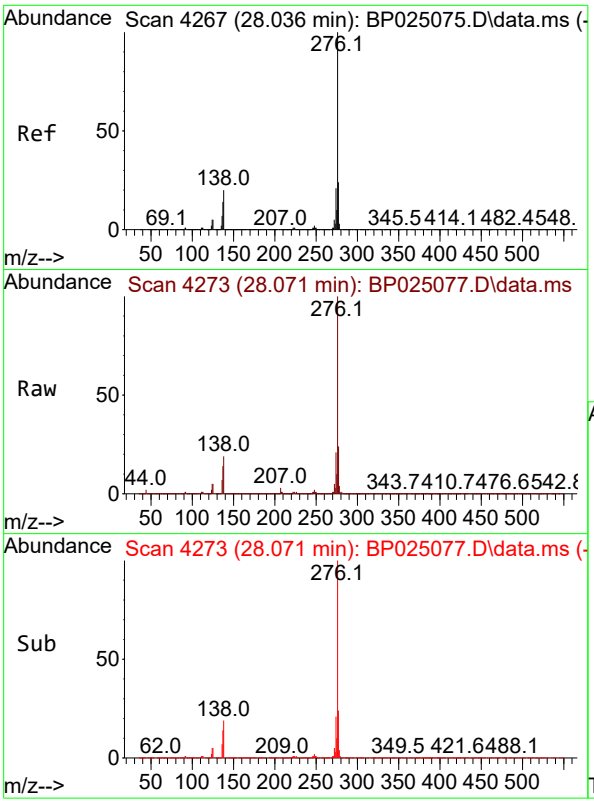


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:264 Resp: 2316428

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5

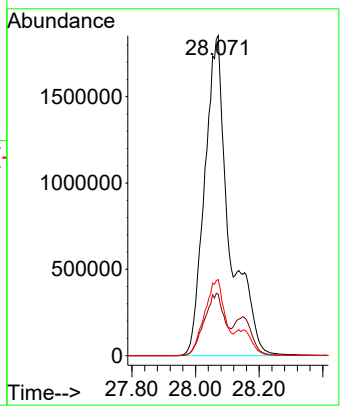




#87
Indeno(1,2,3-cd)pyrene
Concen: 67.489 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 996174

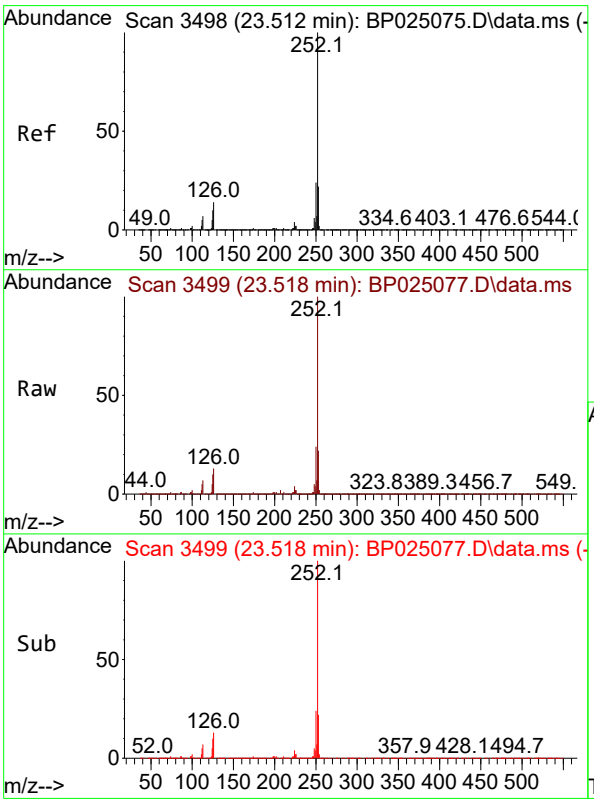
Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.0	19.6
277	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

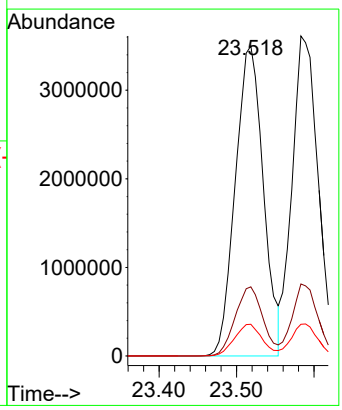
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

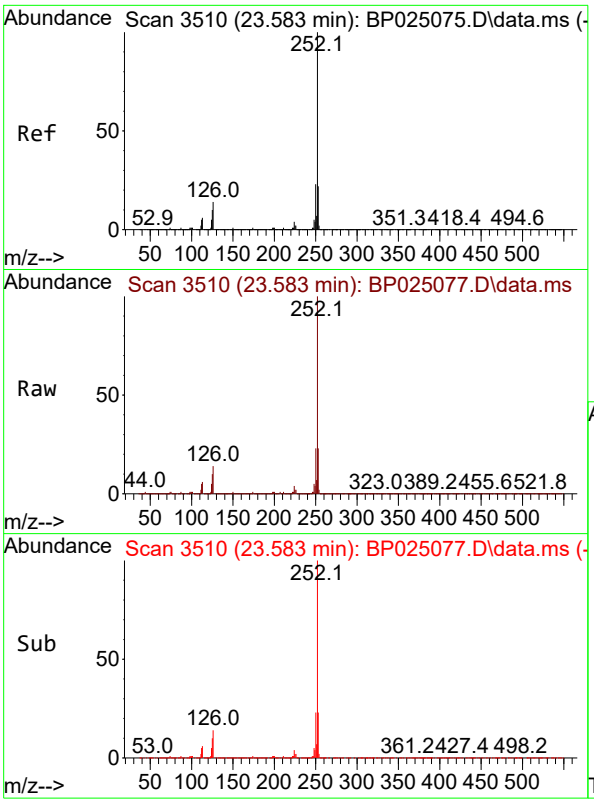


#88
Benzo(b)fluoranthene
Concen: 65.272 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 8800482

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	8.1	12.1

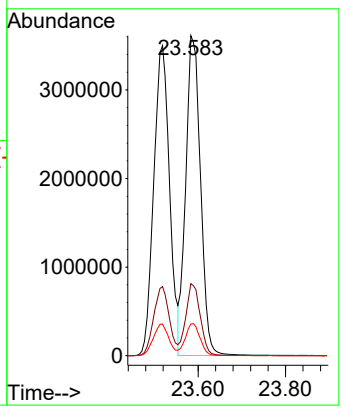




#89
Benzo(k)fluoranthene
Concen: 63.076 ng
RT: 23.583 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 846185

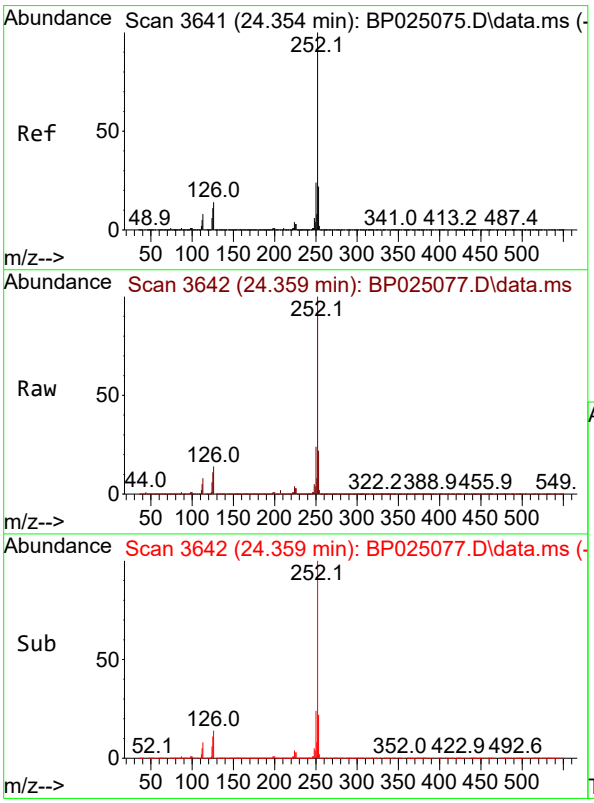
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.9	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

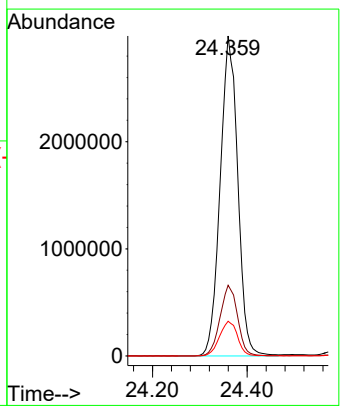
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

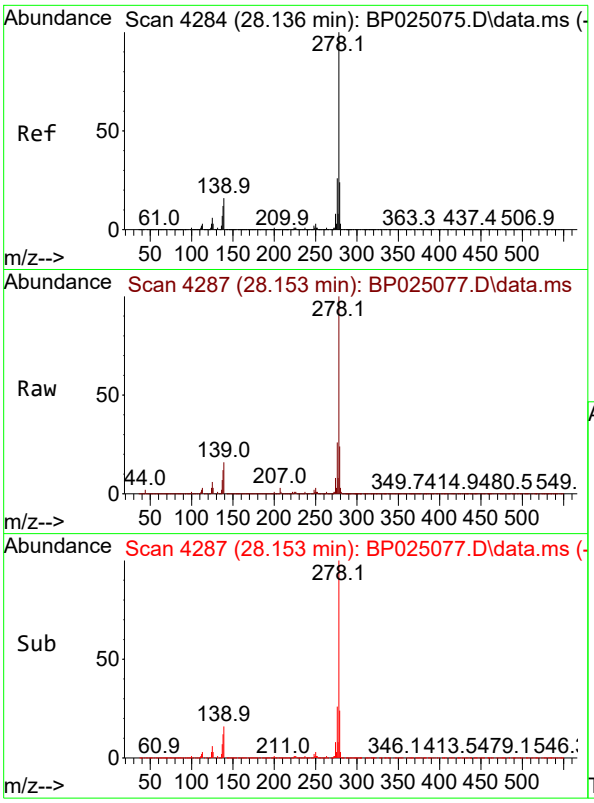


#90
Benzo(a)pyrene
Concen: 67.128 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 7703067

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	9.0	13.4

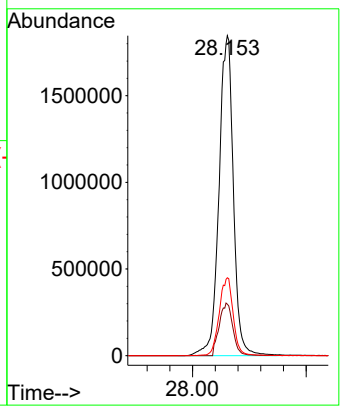




#91
Dibenzo(a,h)anthracene
Concen: 66.770 ng
RT: 28.153 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:278 Resp: 814462

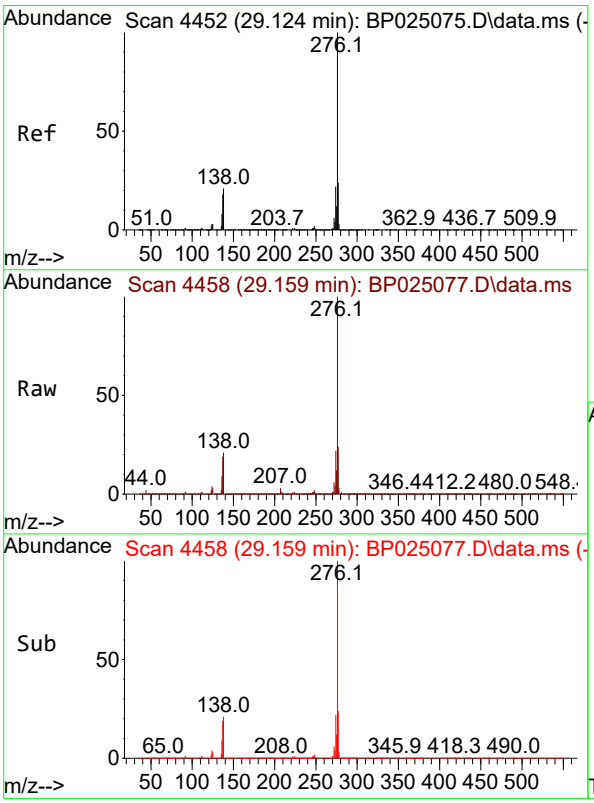
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.3	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

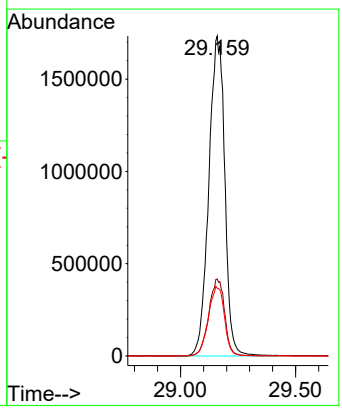
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 66.020 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 8319243

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.2	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	405609	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1662149	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1084696	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2129464	20.000	ng	0.01
76) Chrysene-d12	21.354	240	2139587	20.000	ng	0.01
86) Perylene-d12	24.483	264	2356318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3655581	159.689	ng	0.00
7) Phenol-d6	6.637	99	4808315	160.956	ng	0.00
23) Nitrobenzene-d5	8.572	82	4100042	164.048	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2161722	168.702	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	10212772	145.859	ng	0.00
79) Terphenyl-d14	19.677	244	13073627	134.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	663607	74.549	ng	100
3) Pyridine	3.490	79	1951300m	80.126	ng	
4) n-Nitrosodimethylamine	3.408	42	811711	78.664	ng	98
6) Aniline	6.796	93	2205608	79.022	ng	99
8) 2-Chlorophenol	7.019	128	2043001	79.765	ng	99
10) Phenol	6.666	94	2423035	79.827	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1808927	77.435	ng	100
12) 1,3-Dichlorobenzene	7.337	146	2200490	76.765	ng	99
13) 1,4-Dichlorobenzene	7.478	146	2228669	76.792	ng	99
14) 1,2-Dichlorobenzene	7.790	146	2114072	75.723	ng	99
15) Benzyl Alcohol	7.684	79	1647105	82.609	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	2295253	75.564	ng	99
17) 2-Methylphenol	7.878	107	1594735	81.561	ng	100
18) Hexachloroethane	8.507	117	750162	79.344	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1414389	79.834	ng	99
20) 3+4-Methylphenols	8.207	107	2223238	81.178	ng	99
22) Acetophenone	8.248	105	2974255	75.663	ng	99
24) Nitrobenzene	8.613	77	2049856	80.522	ng	96
25) Isophorone	9.143	82	3731607	79.894	ng	99
26) 2-Nitrophenol	9.313	139	1054507	82.791	ng	99
27) 2,4-Dimethylphenol	9.390	122	1396982	80.180	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	2467631	77.809	ng	99
29) 2,4-Dichlorophenol	9.848	162	2035842	84.268	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	2084432	77.912	ng	98
31) Naphthalene	10.242	128	6485251	75.773	ng	100
32) Benzoic acid	9.560	122	1535999	87.682	ng	99
33) 4-Chloroaniline	10.348	127	2533698	79.326	ng	99
34) Hexachlorobutadiene	10.542	225	1198440	78.059	ng	99
35) Caprolactam	11.137	113	679020	82.158	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	2102953	83.296	ng	99
37) 2-Methylnaphthalene	11.866	142	4691171	77.683	ng	99
38) 1-Methylnaphthalene	12.089	142	4509252	76.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2462639	78.996	ng	99
41) Hexachlorocyclopentadiene	12.236	237	711159	87.336	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	1646539	87.227	ng	99
44) 2,4,5-Trichlorophenol	12.566	196	1806219	84.432	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.913	154	5987203	75.863	ng		100
47) 2-Chloronaphthalene	12.948	162	4544953	76.620	ng		99
48) 2-Nitroaniline	13.142	65	1186338	79.706	ng		98
49) Acenaphthylene	13.807	152	7027119	77.402	ng		99
50) Dimethylphthalate	13.566	163	5799322	76.378	ng		99
51) 2,6-Dinitrotoluene	13.672	165	1274236	86.048	ng		99
52) Acenaphthene	14.166	154	4454631	76.130	ng		98
53) 3-Nitroaniline	14.001	138	1399587	88.191	ng		99
54) 2,4-Dinitrophenol	14.207	184	592801	81.781	ng		98
55) Dibenzofuran	14.513	168	7178793	74.338	ng		99
56) 4-Nitrophenol	14.325	139	1251984	85.486	ng		98
57) 2,4-Dinitrotoluene	14.478	165	1759928	79.166	ng	#	96
58) Fluorene	15.178	166	5543506	74.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1634442	84.370	ng		98
60) Diethylphthalate	14.978	149	5891551	77.254	ng		99
61) 4-Chlorophenyl-phenyle...	15.183	204	2717790	73.523	ng		99
62) 4-Nitroaniline	15.195	138	1404085	84.376	ng		99
63) Azobenzene	15.489	77	5079474	74.798	ng		97
65) 4,6-Dinitro-2-methylph...	15.254	198	836918	81.907	ng		97
66) n-Nitrosodiphenylamine	15.401	169	4815876	79.024	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1812737	83.140	ng		96
68) Hexachlorobenzene	16.207	284	2122928	79.660	ng		97
69) Atrazine	16.389	200	1312003	73.469	ng		100
70) Pentachlorophenol	16.566	266	1571184	87.298	ng		98
71) Phenanthrene	16.966	178	8609082	75.660	ng		99
72) Anthracene	17.048	178	8269798	75.756	ng		99
73) Carbazole	17.336	167	8311609	77.872	ng		99
74) Di-n-butylphthalate	17.966	149	9814307	82.572	ng		99
75) Fluoranthene	19.066	202	10352176	77.833	ng		98
77) Benzidine	19.266	184	2653175	70.212	ng		100
78) Pyrene	19.448	202	10597728	79.970	ng		99
80) Butylbenzylphthalate	20.436	149	4268020	80.862	ng		99
81) Benzo(a)anthracene	21.336	228	10175638	78.478	ng		99
82) 3,3'-Dichlorobenzidine	21.271	252	3397776	87.049	ng		99
83) Chrysene	21.407	228	9566614	76.668	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6160265	88.574	ng		98
85) Di-n-octyl phthalate	22.559	149	10681173	79.212	ng		99
87) Indeno(1,2,3-cd)pyrene	28.047	276	12878282m	85.771	ng		
88) Benzo(b)fluoranthene	23.518	252	11185819	81.559	ng		99
89) Benzo(k)fluoranthene	23.583	252	10678946	78.255	ng		99
90) Benzo(a)pyrene	24.354	252	9800149	83.957	ng		99
91) Dibenzo(a,h)anthracene	28.147	278	10538537	84.932	ng		99
92) Benzo(g,h,i)perylene	29.147	276	10759787	83.943	ng		100

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

ICAL Form

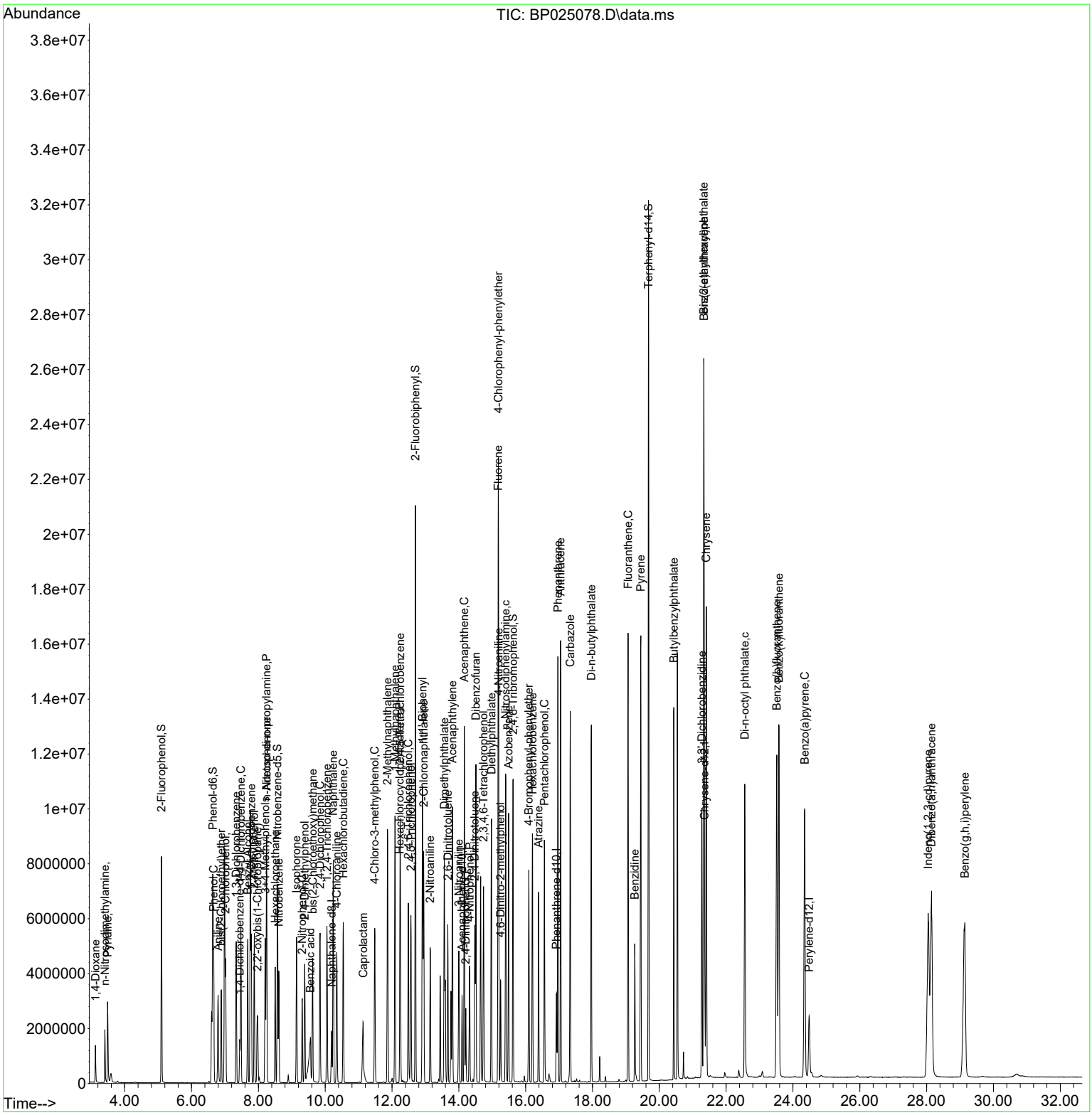
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

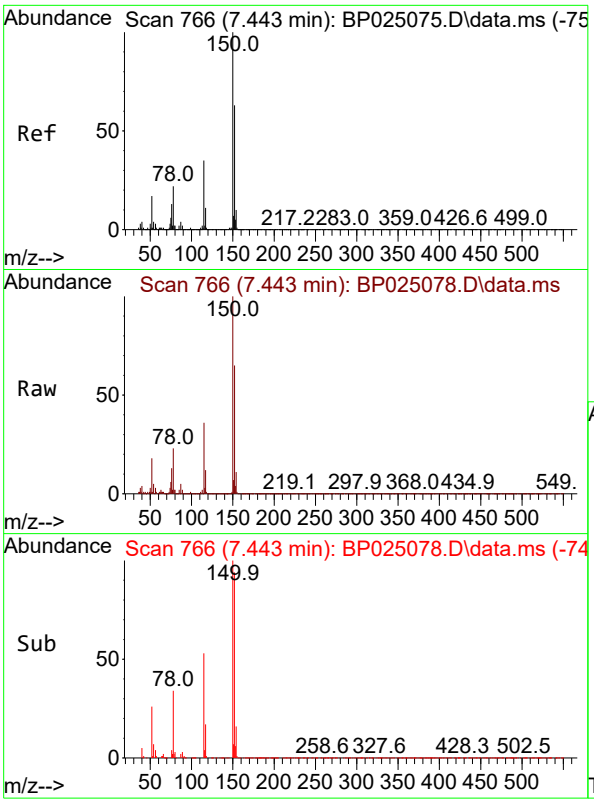
Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

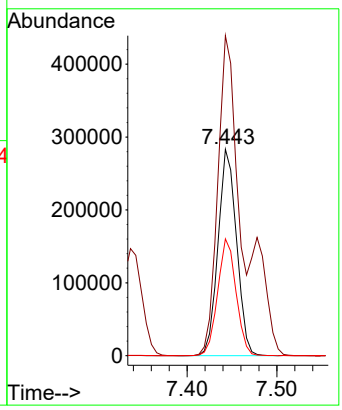




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 40560

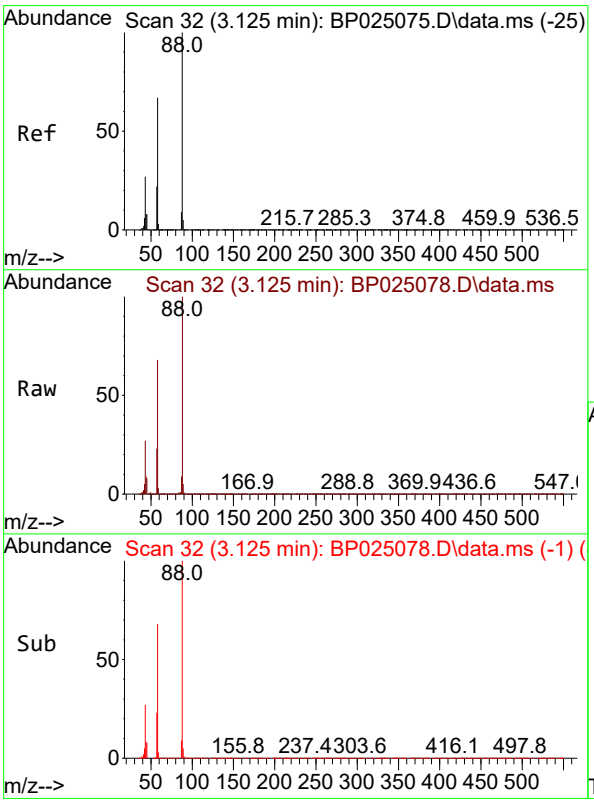
Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.1	189.1
115	56.6	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

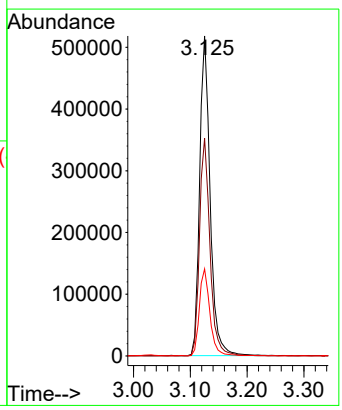
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

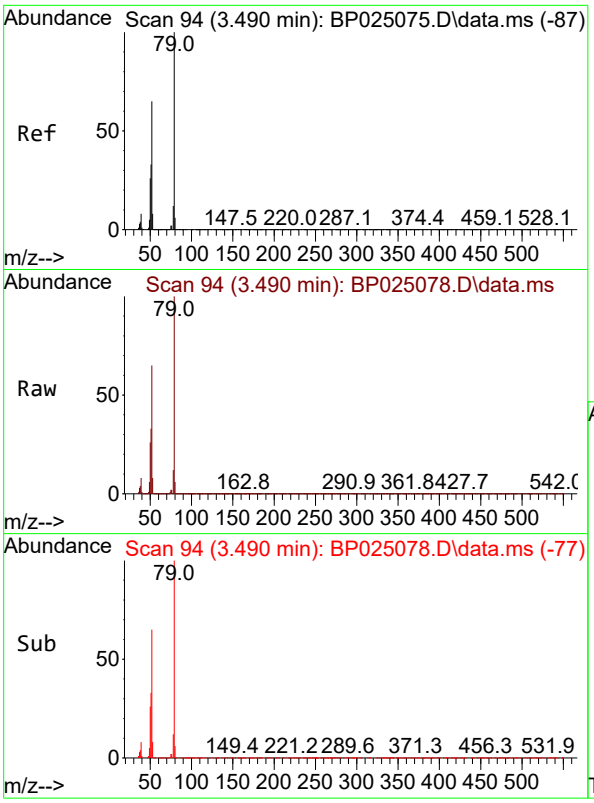


#2
1,4-Dioxane
Concen: 74.549 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 88 Resp: 663607

Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.0	82.4
43	27.4	21.9	32.9

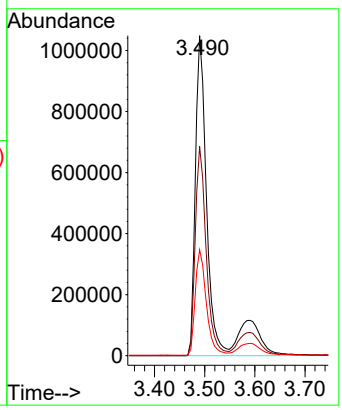




#3
Pyridine
Concen: 80.126 ng m
RT: 3.490 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 195130

Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.2	78.4
51	33.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
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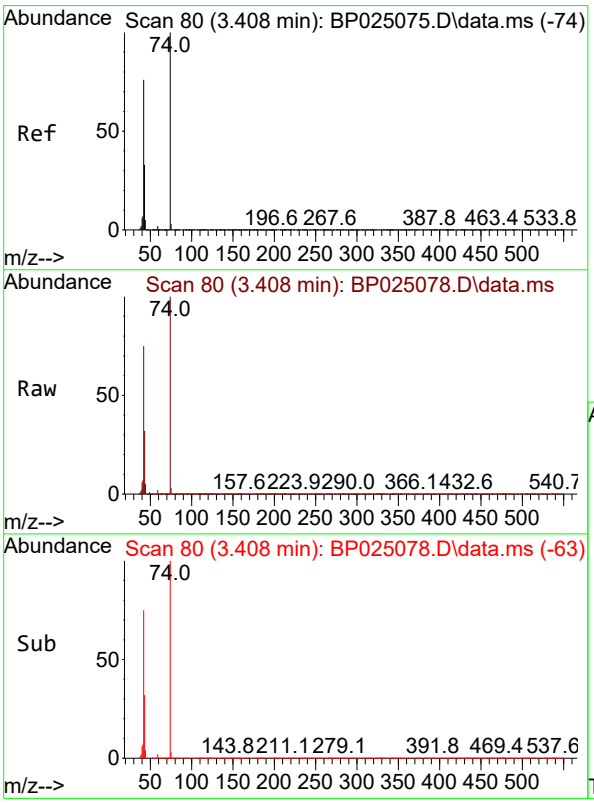
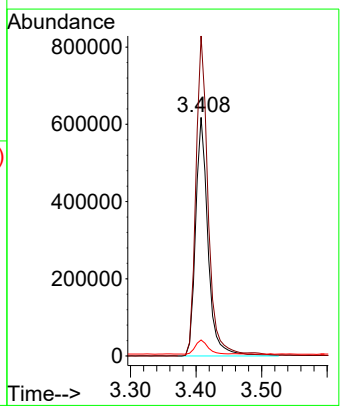
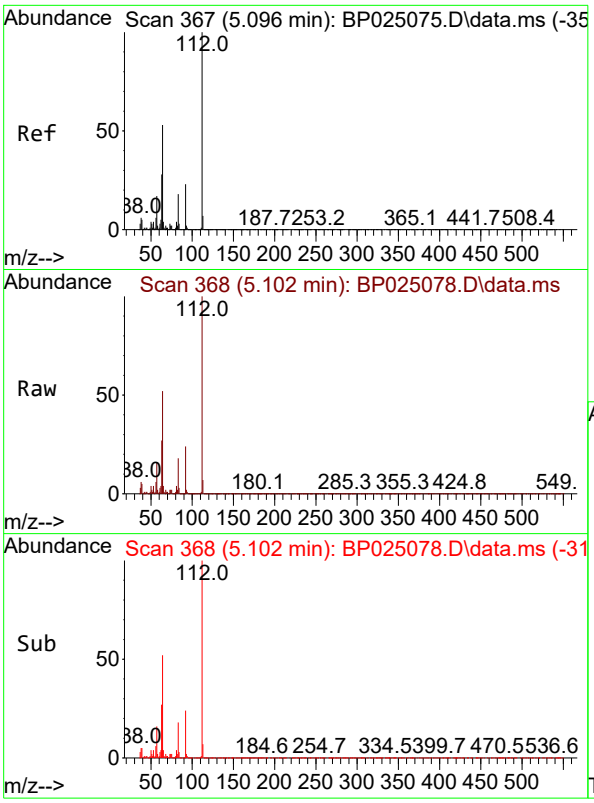


#4
n-Nitrosodimethylamine
Concen: 78.664 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 42 Resp: 811711

Ion	Ratio	Lower	Upper
42	100		
74	134.1	105.2	157.8
44	6.7	6.6	9.8

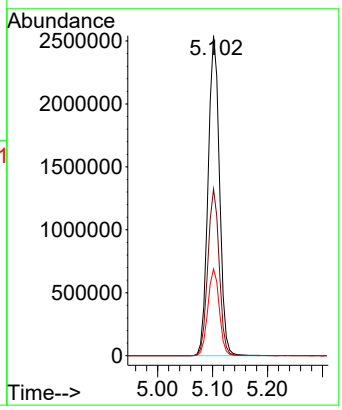




#5
2-Fluorophenol
Concen: 159.689 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:112 Resp: 365558

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.0	63.0
63	27.1	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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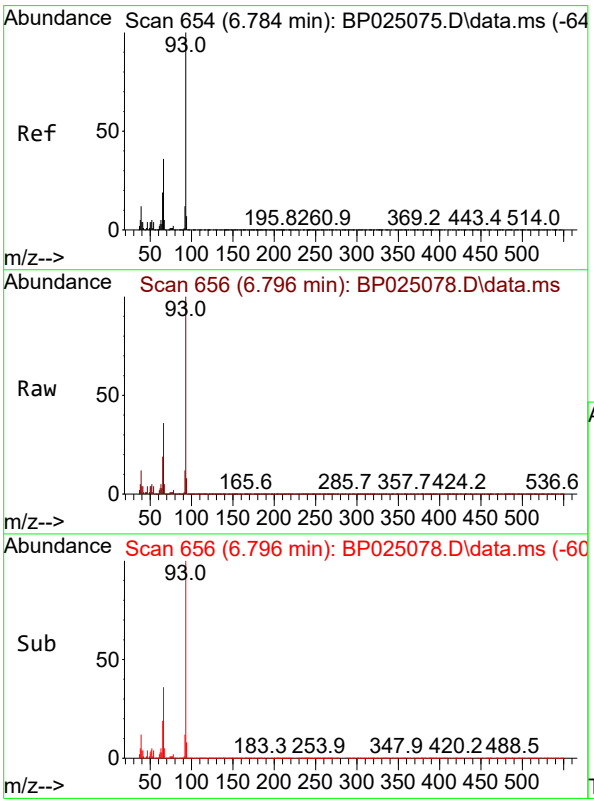
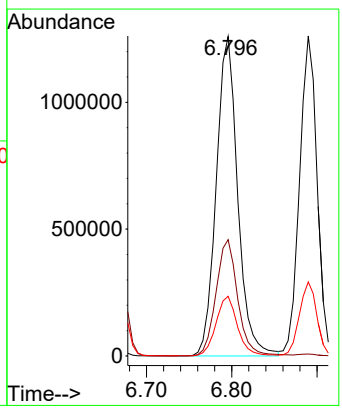
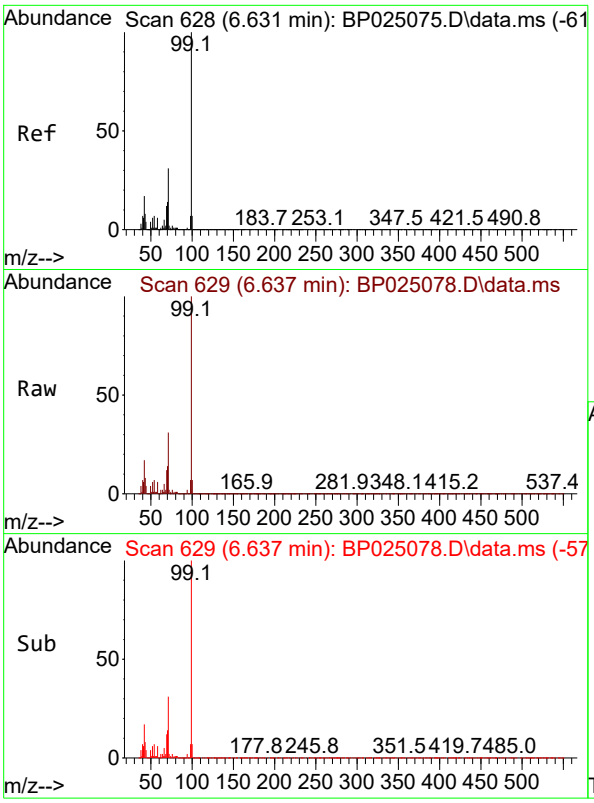


#6
Aniline
Concen: 79.022 ng
RT: 6.796 min Scan# 656
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 2205608

Ion	Ratio	Lower	Upper
93	100		
66	36.4	28.9	43.3
65	18.7	15.2	22.8

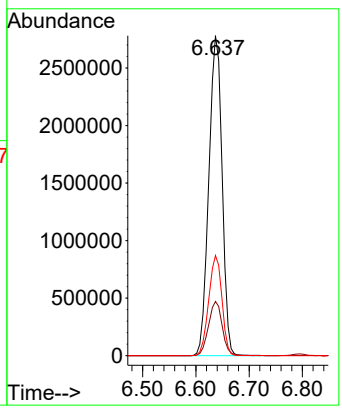




#7
Phenol-d6
Concen: 160.956 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 99 Resp: 480831

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.3	24.4	36.6



Instrument :
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ClientSampleId :
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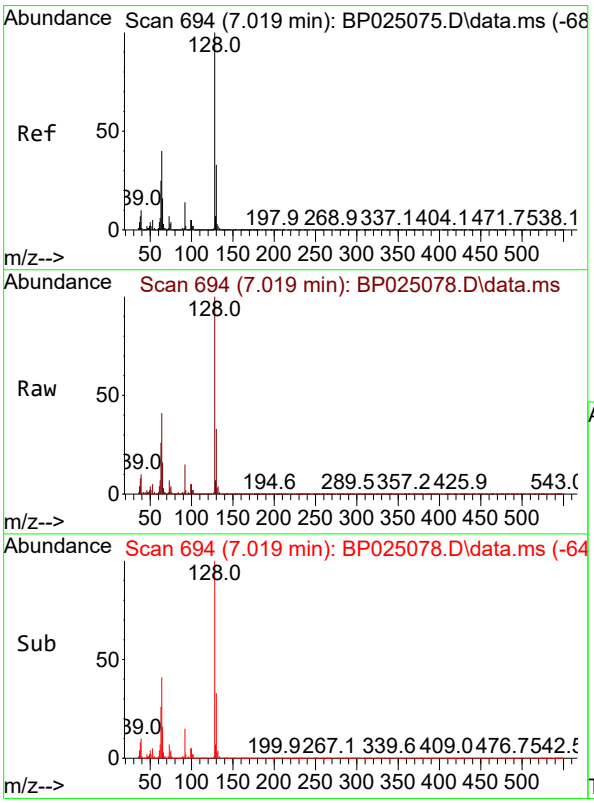
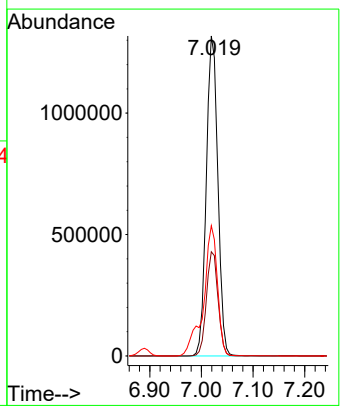
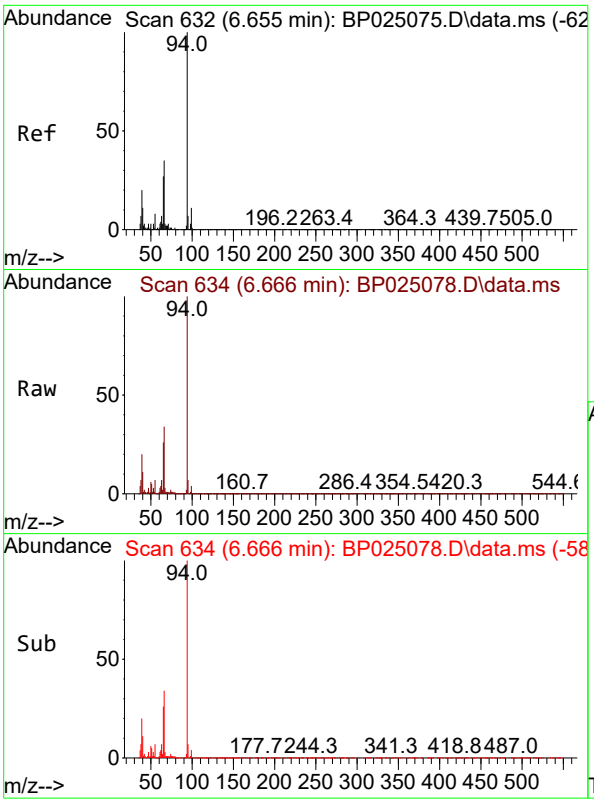


#8
2-Chlorophenol
Concen: 79.765 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 2043001

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	40.7	20.3	60.3

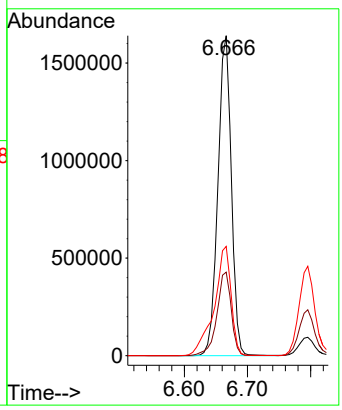




#10
Phenol
Concen: 79.827 ng
RT: 6.666 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 94 Resp: 242303

Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	34.1	14.6	54.6



Instrument :
BNA_P
ClientSampleId :
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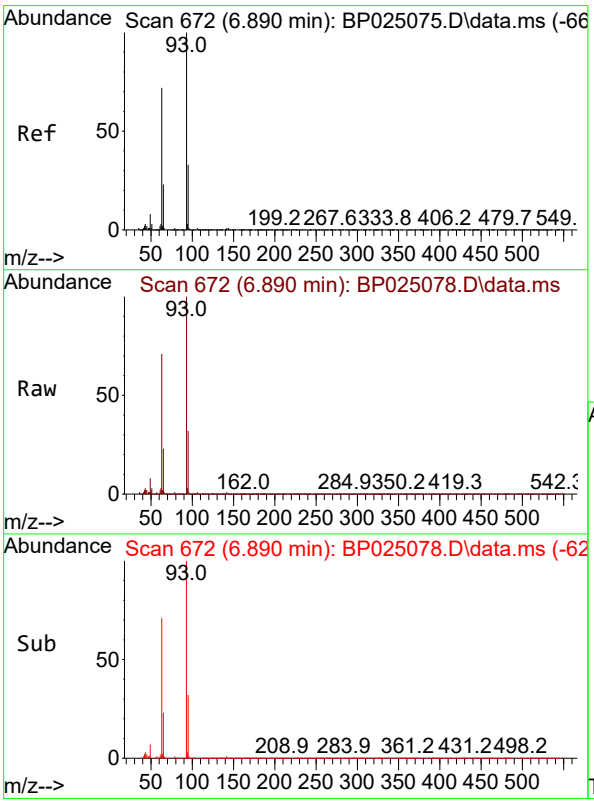
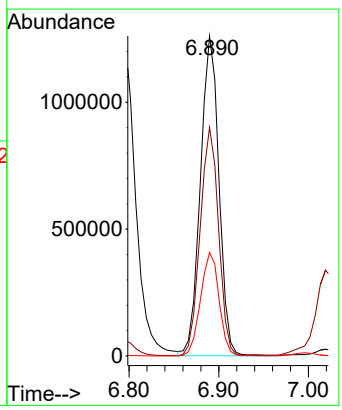
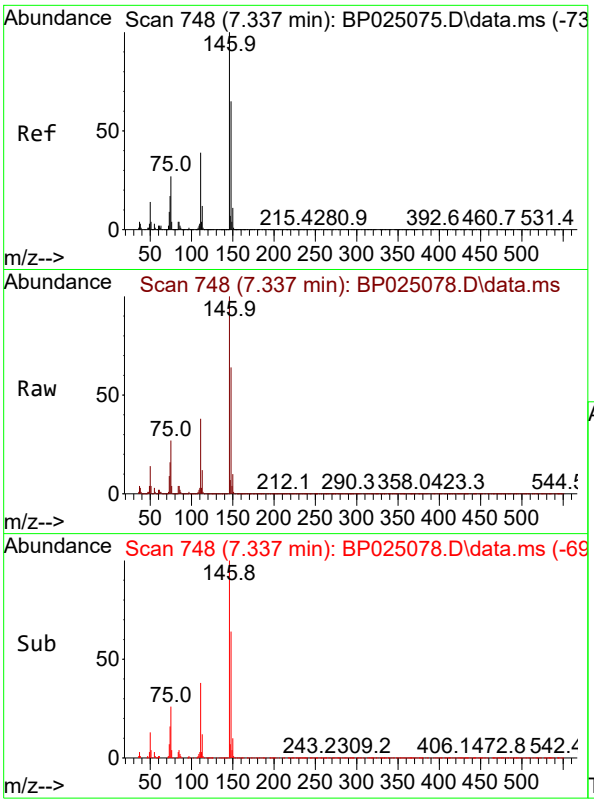


#11
bis(2-Chloroethyl)ether
Concen: 77.435 ng
RT: 6.890 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 1808927

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.9	91.9
95	32.4	12.4	52.4

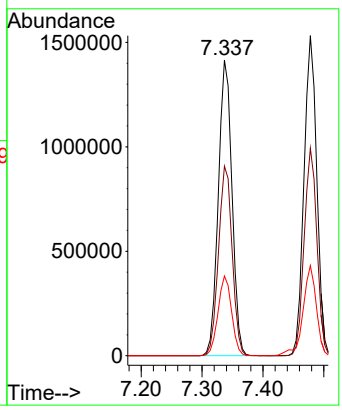




#12
1,3-Dichlorobenzene
Concen: 76.765 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 220049

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	26.9	21.8	32.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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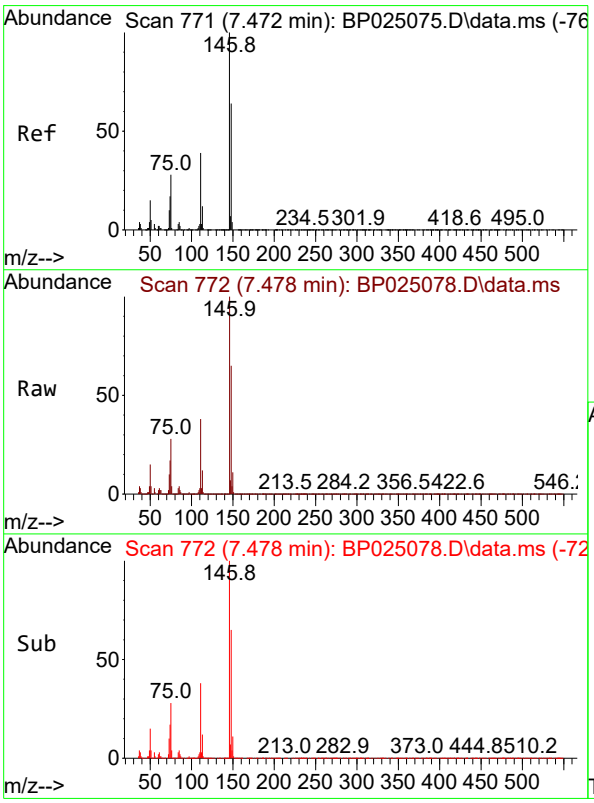
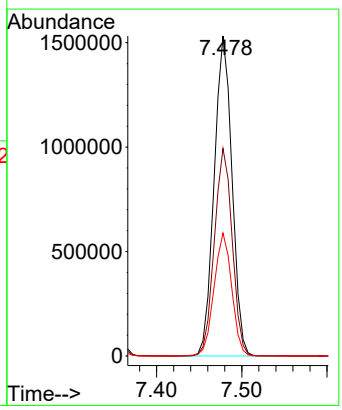
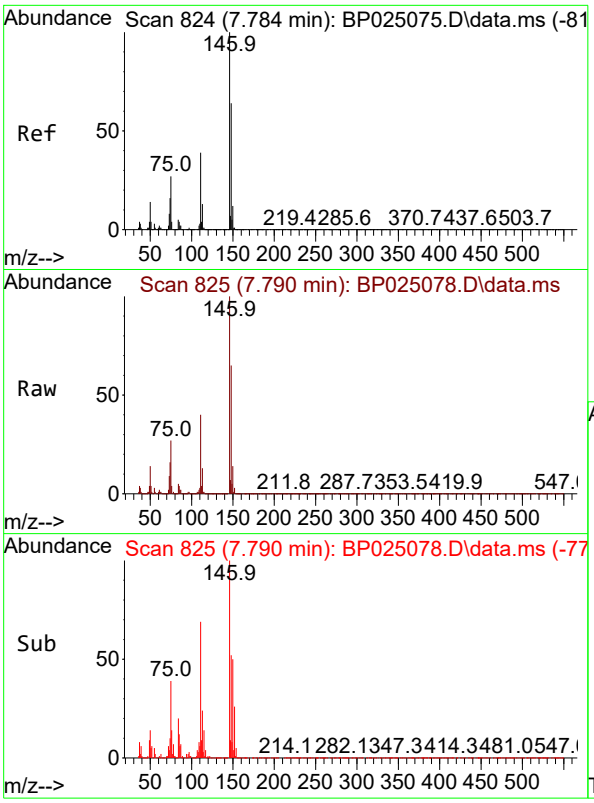


#13
1,4-Dichlorobenzene
Concen: 76.792 ng
RT: 7.478 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 2228669

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	38.4	31.2	46.8





#14
1,2-Dichlorobenzene
Concen: 75.723 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 211407

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	40.3	31.2	46.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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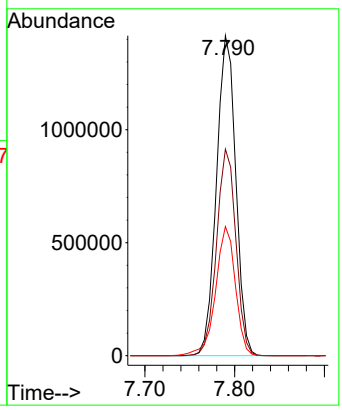
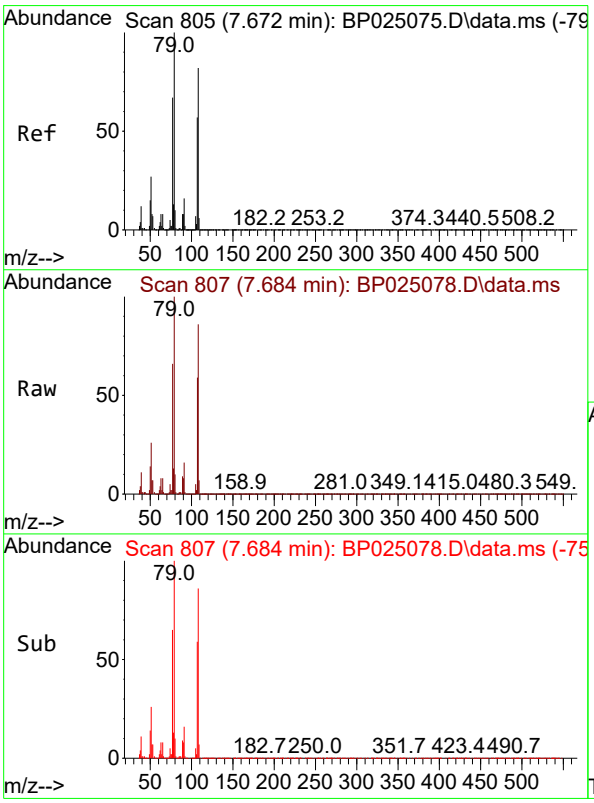
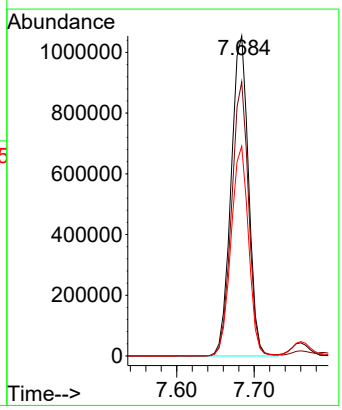


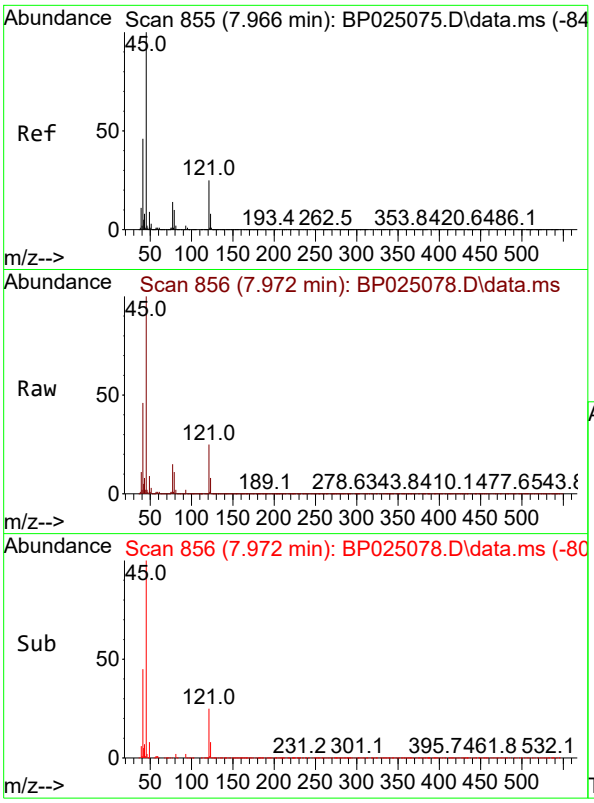


#15
Benzyl Alcohol
Concen: 82.609 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 1647105

Ion	Ratio	Lower	Upper
79	100		
108	85.6	66.0	99.0
77	65.5	53.4	80.2

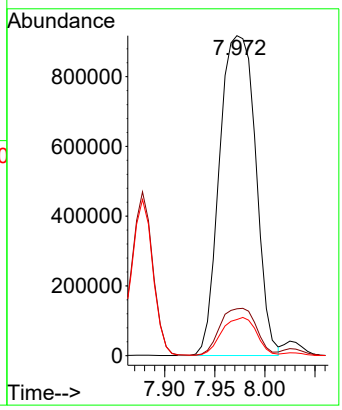




#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.564 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 45 Resp: 229525

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.8
79	11.3	0.0	30.7



Instrument :
BNA_P
ClientSampleId :
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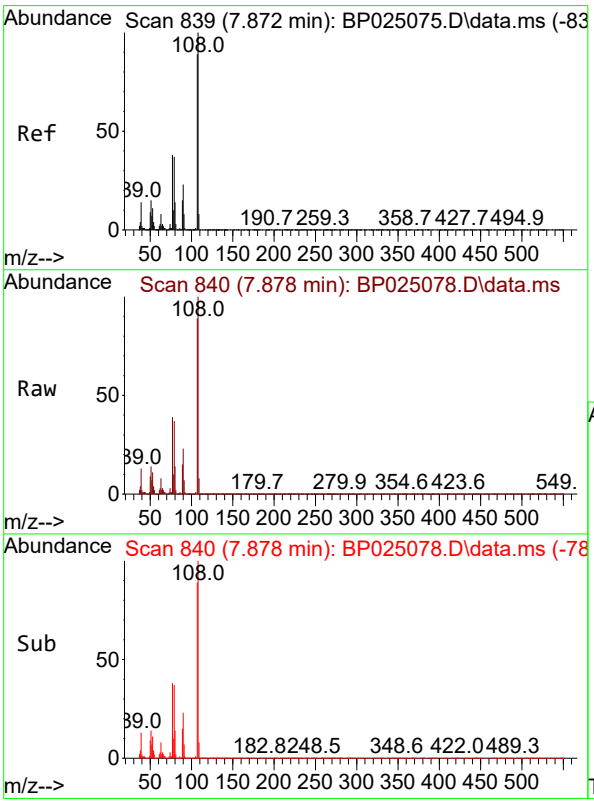
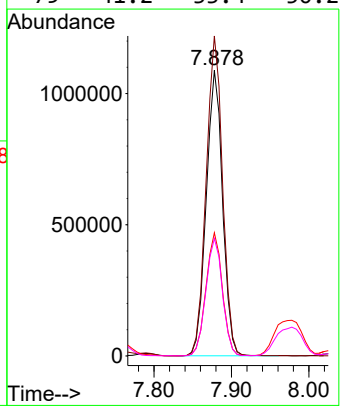
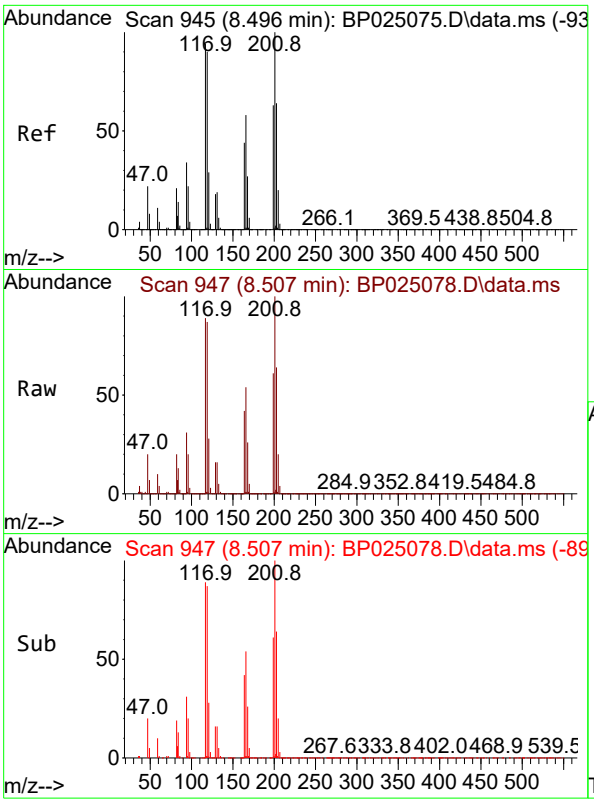


#17
2-Methylphenol
Concen: 81.561 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 1594735

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	43.2	34.2	51.4
79	41.2	33.4	50.2

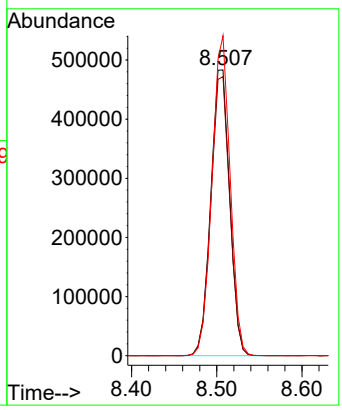




#18
Hexachloroethane
Concen: 79.344 ng
RT: 8.507 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:117 Resp: 75016

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
201	112.0	85.4	128.2



Instrument :
BNA_P
ClientSampleId :
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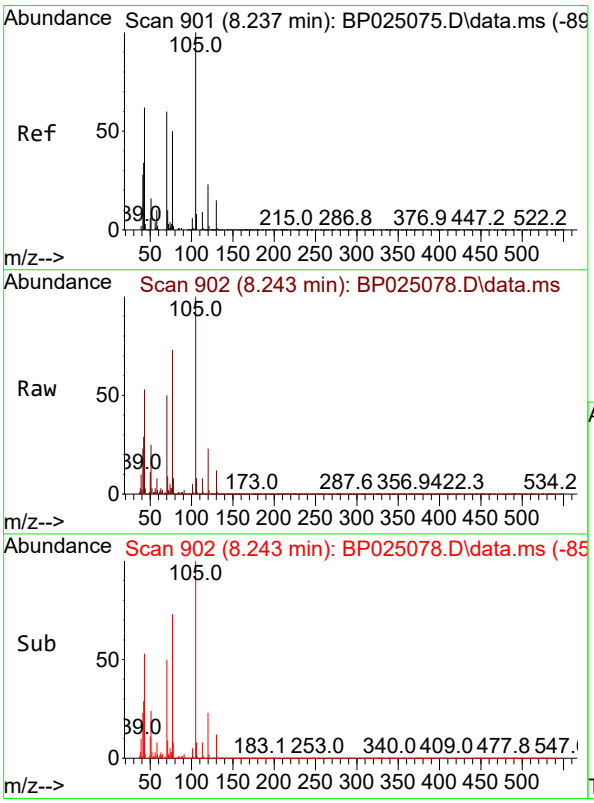
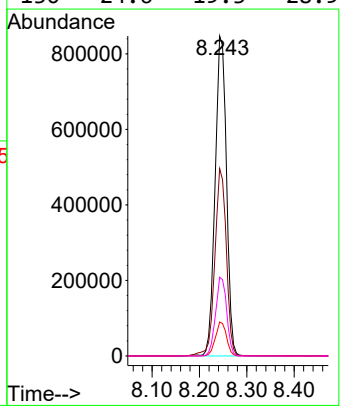
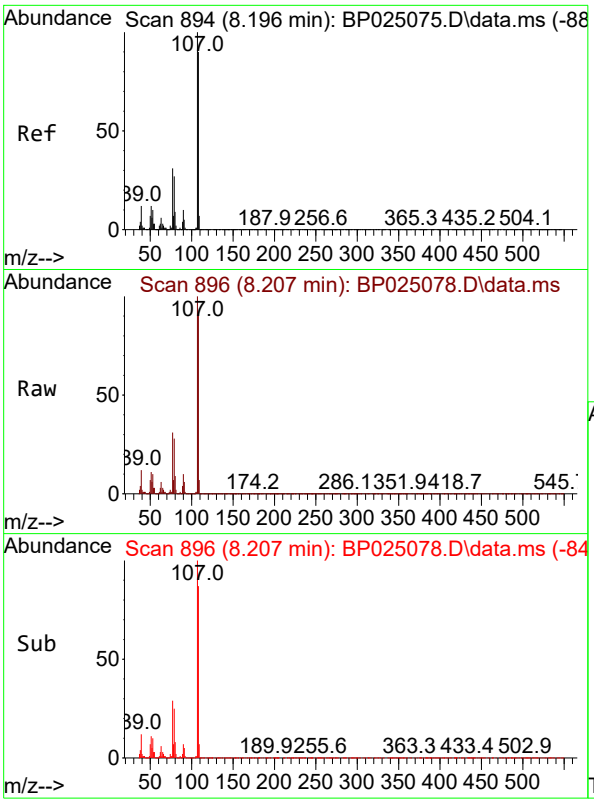


#19
n-Nitroso-di-n-propylamine
Concen: 79.834 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 70 Resp: 1414389

Ion	Ratio	Lower	Upper
70	100		
42	58.6	46.5	69.7
101	10.6	7.9	11.9
130	24.6	19.3	28.9

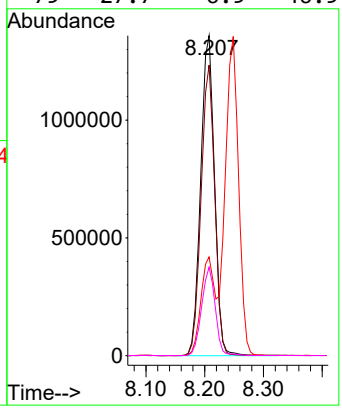




#20
3+4-Methylphenols
Concen: 81.178 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 222323

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.5	109.5
77	30.9	11.4	51.4
79	27.7	6.9	46.9



Instrument :
BNA_P
ClientSampleId :
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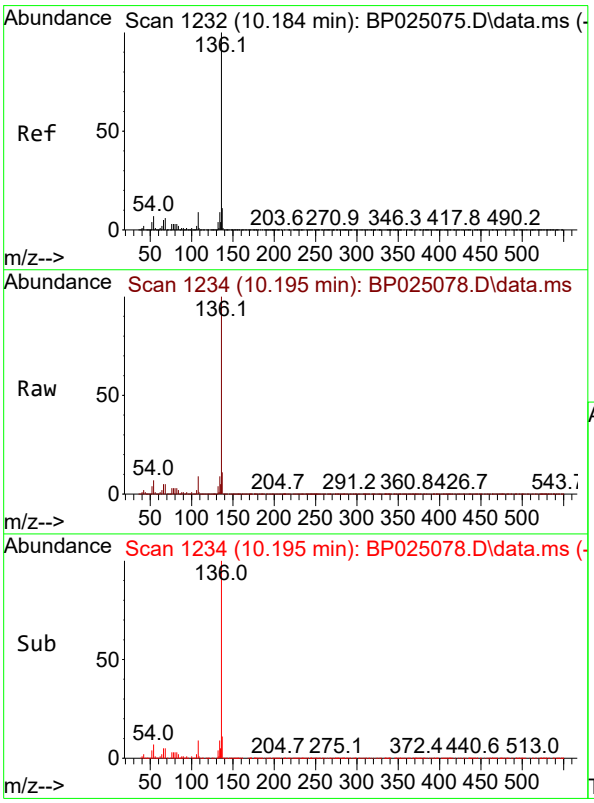
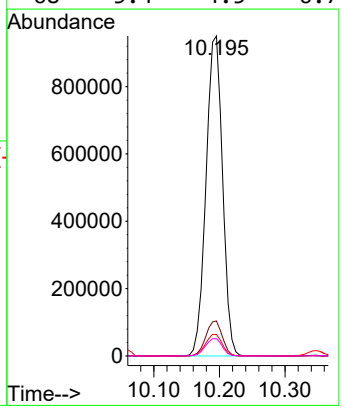
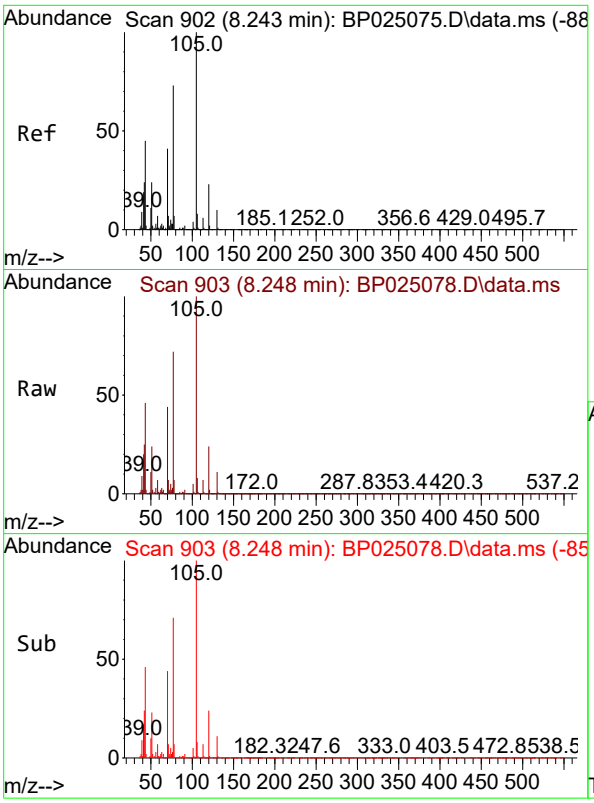


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:136 Resp: 1662149

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.5	6.7

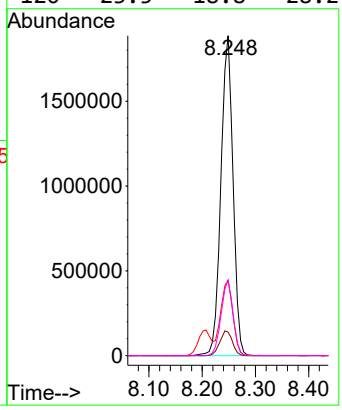




#22
Acetophenone
Concen: 75.663 ng
RT: 8.248 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:105 Resp: 297425

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.6	19.6	29.4
120	23.5	18.8	28.2



Instrument :
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ClientSampleId :
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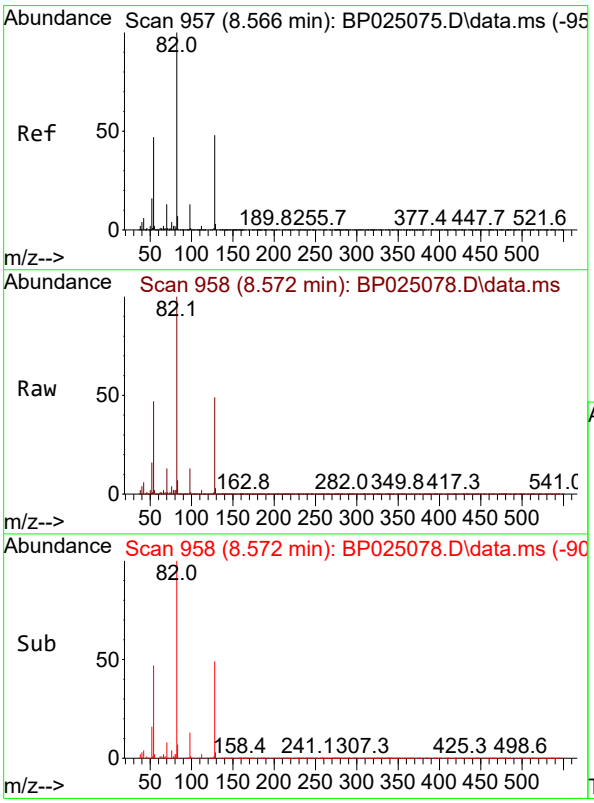
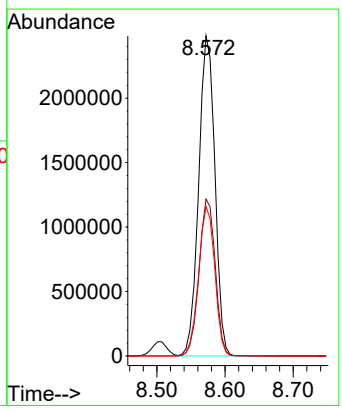
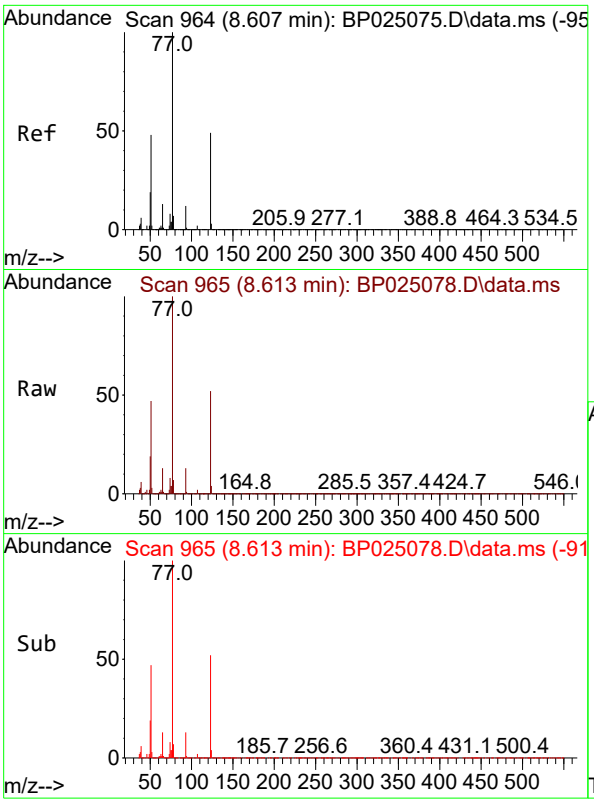


#23
Nitrobenzene-d5
Concen: 164.048 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 4100042

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.7	37.8	56.6





#24
Nitrobenzene
Concen: 80.522 ng
RT: 8.613 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 204985

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.0	58.6
65	13.0	10.7	16.1

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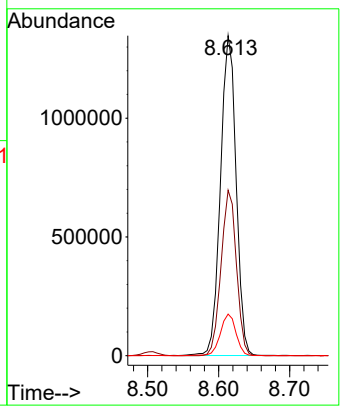
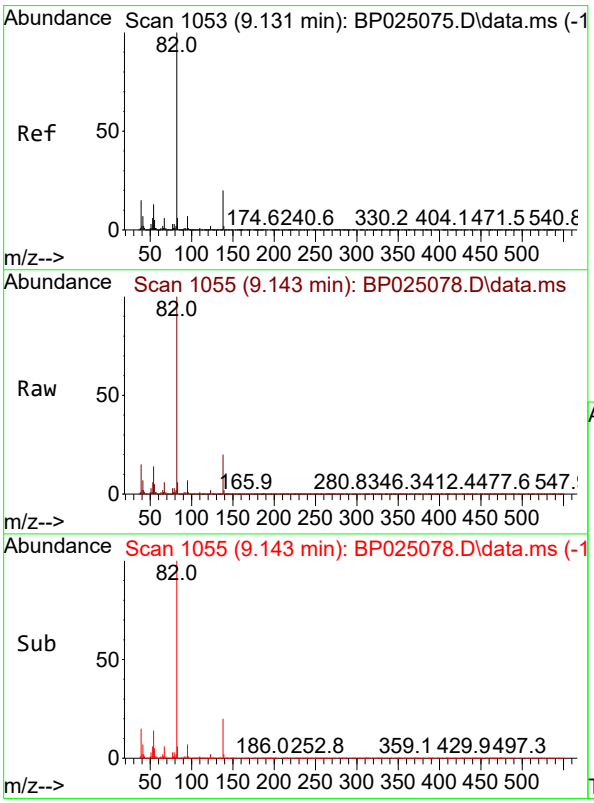
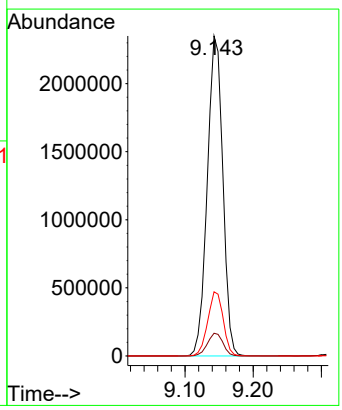


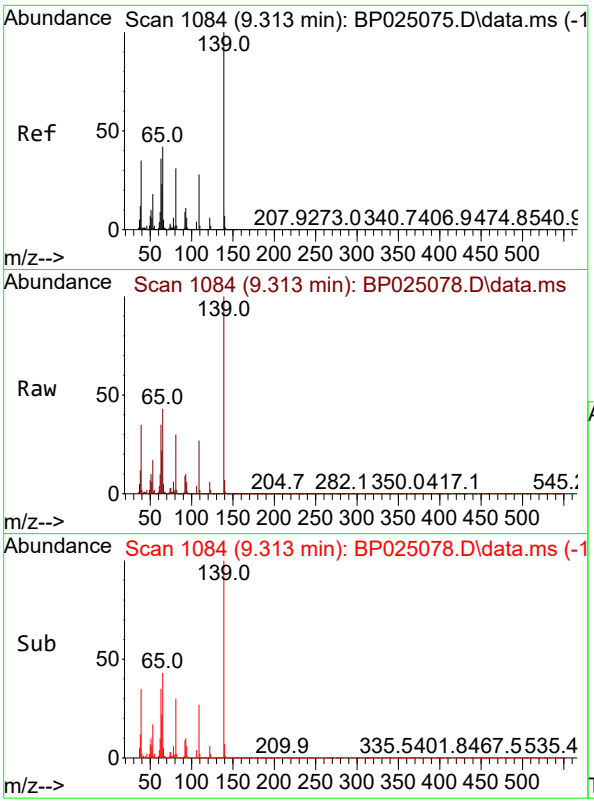


#25
Isophorone
Concen: 79.894 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 3731607

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.0	15.7	23.5

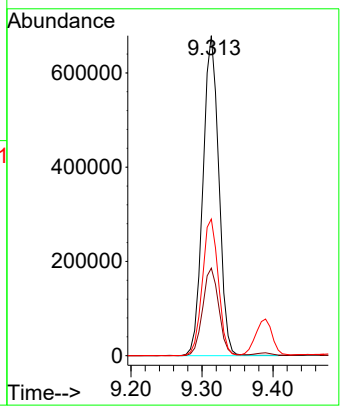




#26
2-Nitrophenol
Concen: 82.791 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:139 Resp: 105450

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.3	33.5
65	42.7	33.8	50.8



Instrument :
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ClientSampleId :
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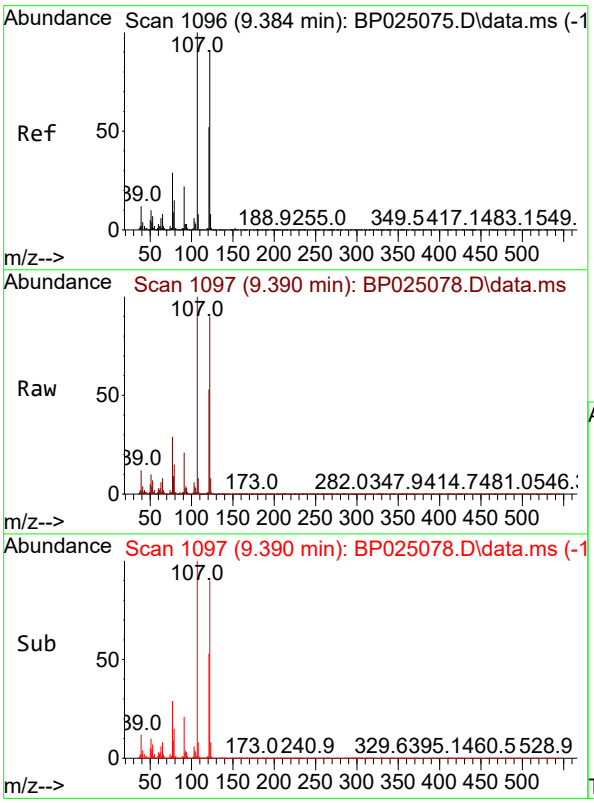
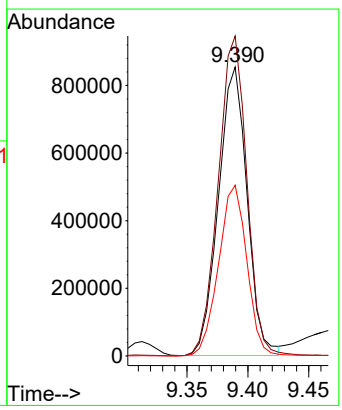
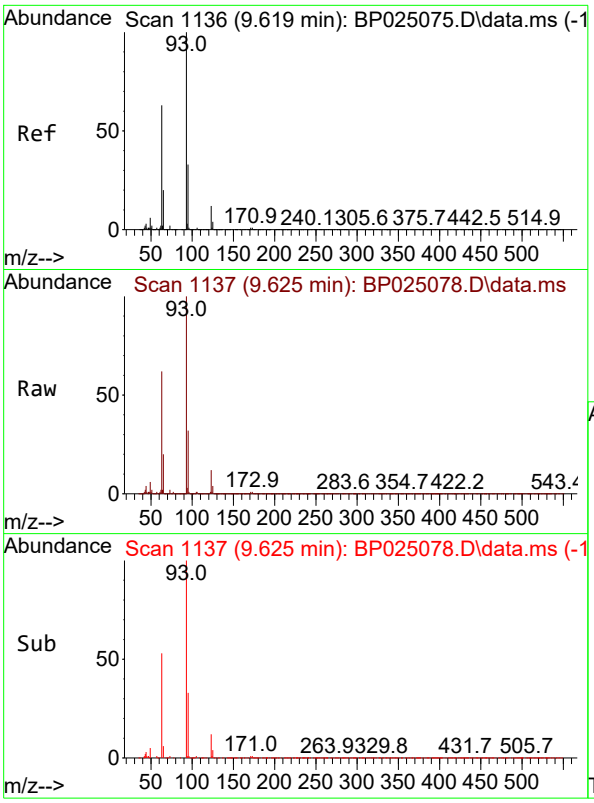


#27
2,4-Dimethylphenol
Concen: 80.180 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 1396982

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.2	132.2
121	59.1	46.1	69.1

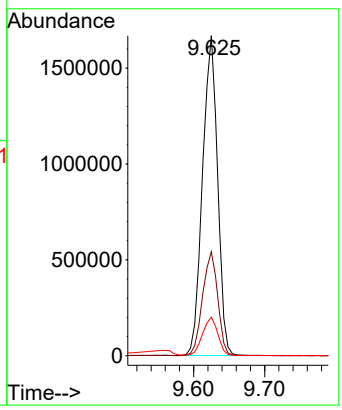




#28
bis(2-Chloroethoxy)methane
Concen: 77.809 ng
RT: 9.625 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 246763

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.1	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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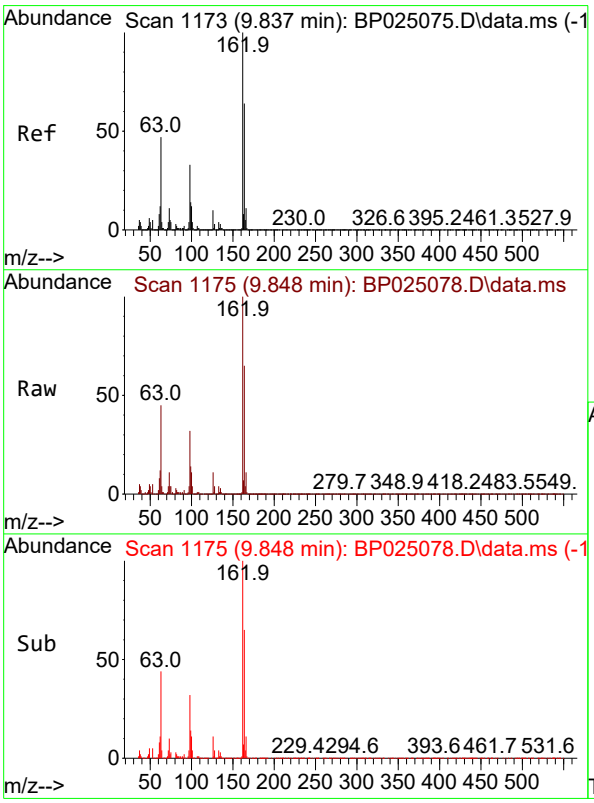
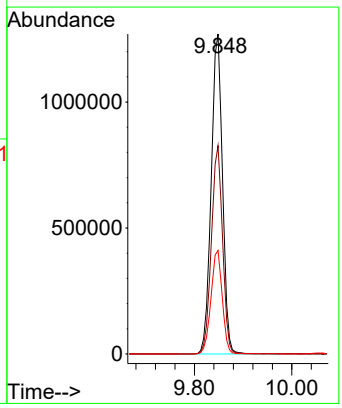
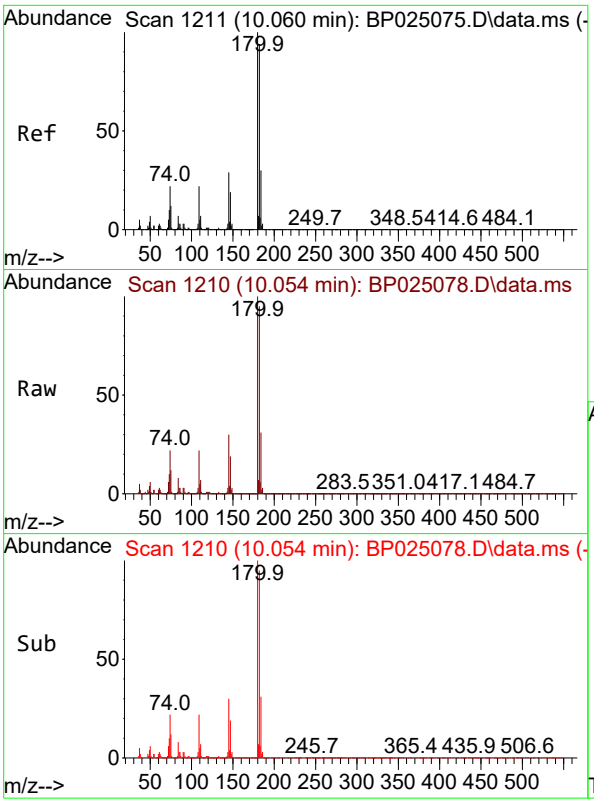


#29
2,4-Dichlorophenol
Concen: 84.268 ng
RT: 9.848 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 2035842

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.4	13.1	53.1

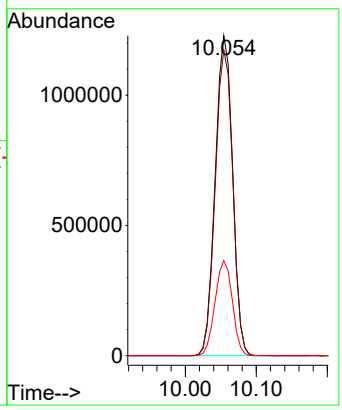




#30
1,2,4-Trichlorobenzene
Concen: 77.912 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:180 Resp: 208443

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	29.7	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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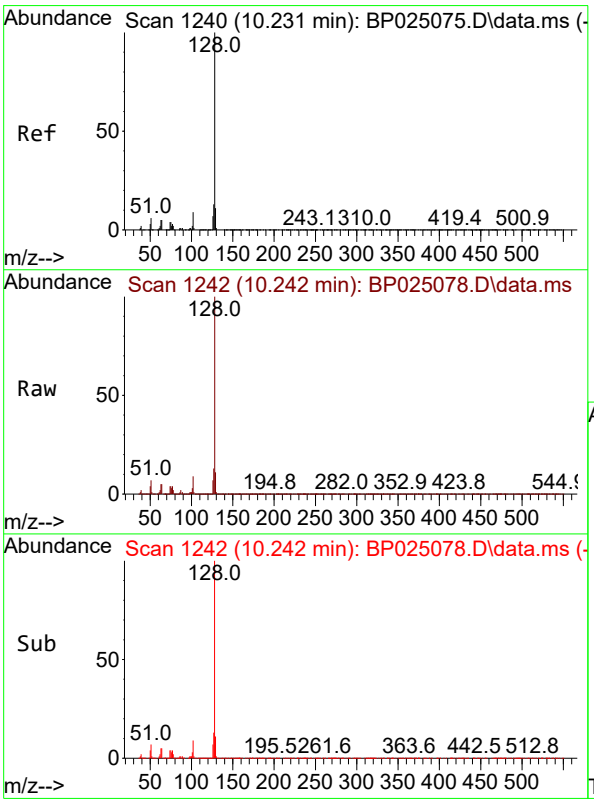
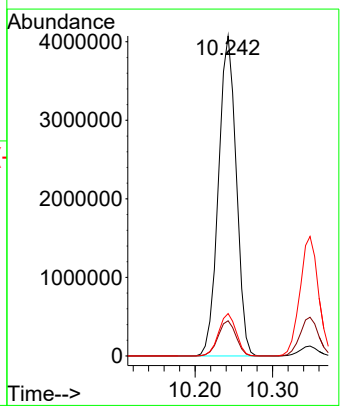
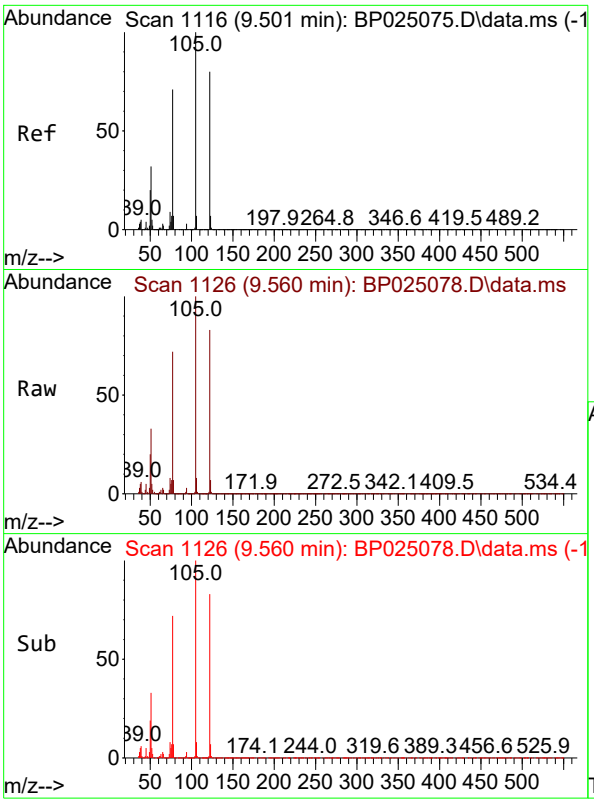


#31
Naphthalene
Concen: 75.773 ng
RT: 10.242 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 6485251

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.4	15.6

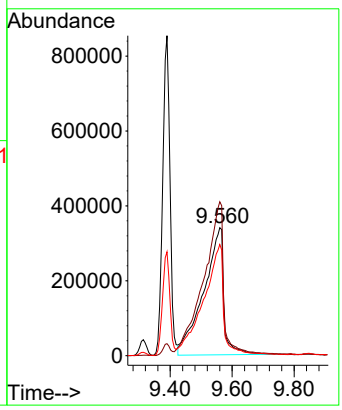




#32
Benzoic acid
Concen: 87.682 ng
RT: 9.560 min Scan# 1
Delta R.T. 0.059 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 153599

Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.0	141.0
77	86.8	67.6	107.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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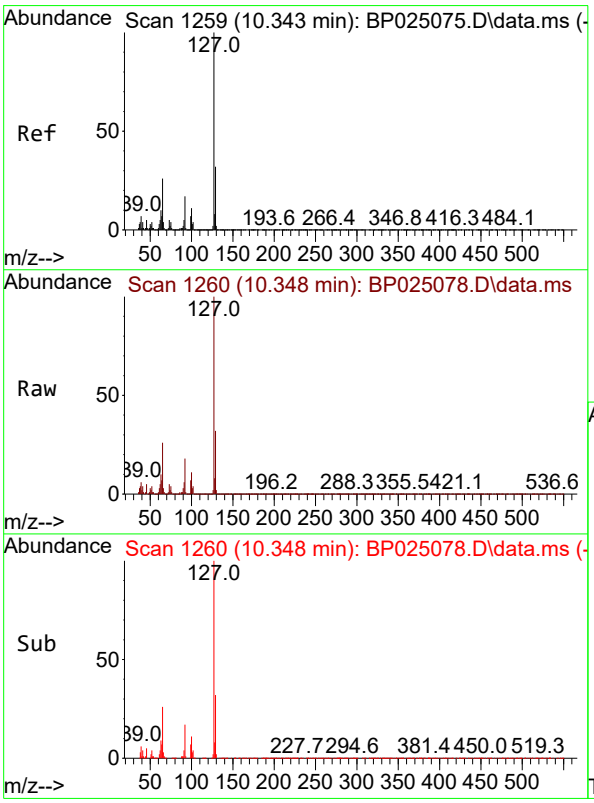
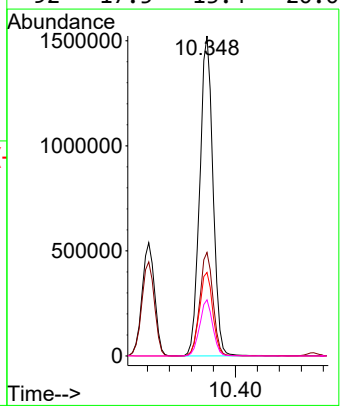
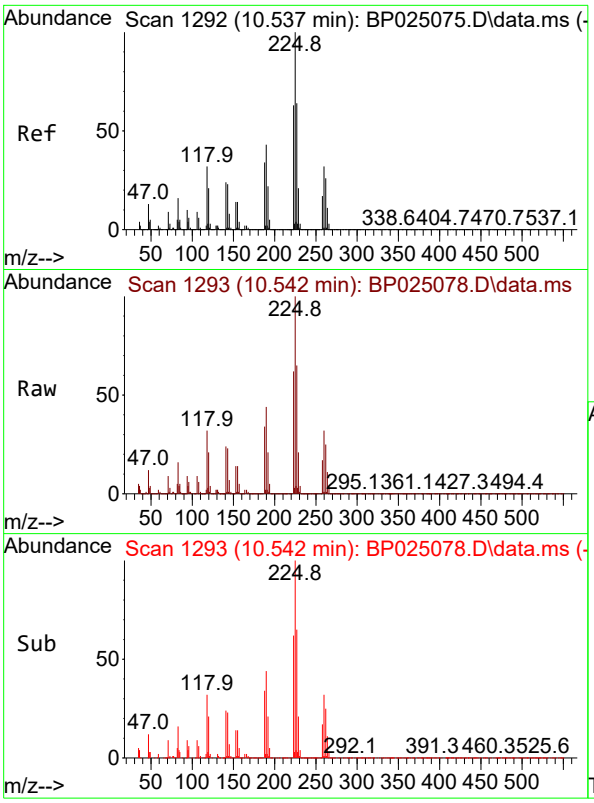


#33
4-Chloroaniline
Concen: 79.326 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:127 Resp: 2533698

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	26.1	21.0	31.6
92	17.5	13.4	20.0

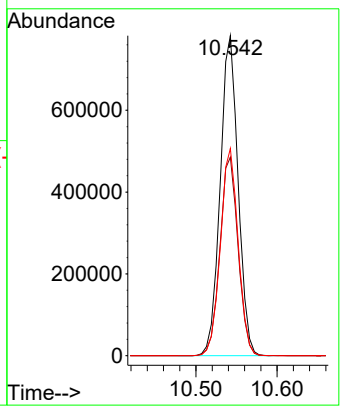




#34
Hexachlorobutadiene
Concen: 78.059 ng
RT: 10.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:225 Resp: 119844

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.3	76.9



Instrument :
BNA_P
ClientSampleId :
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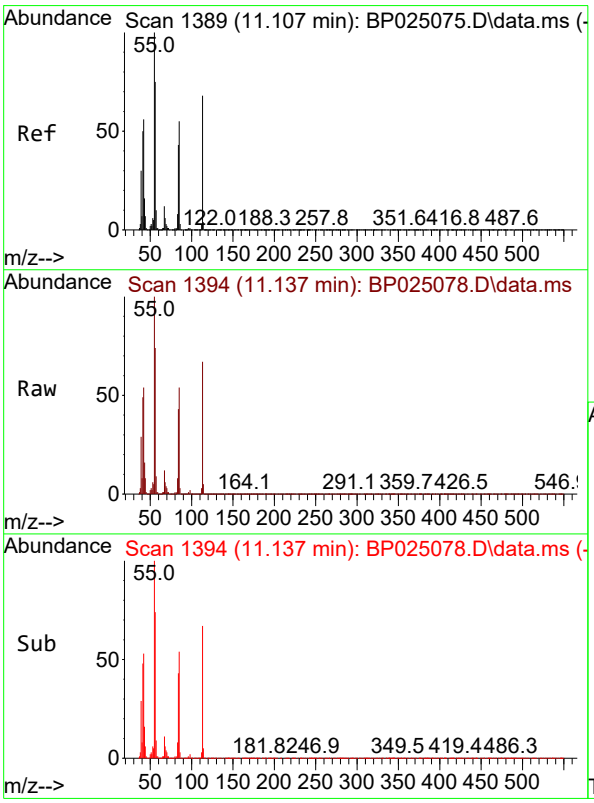
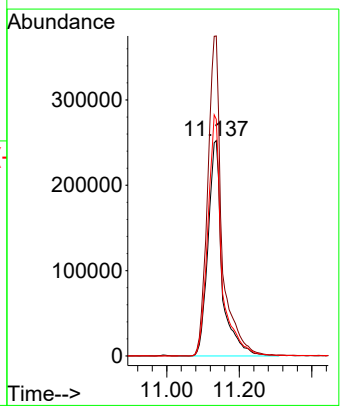
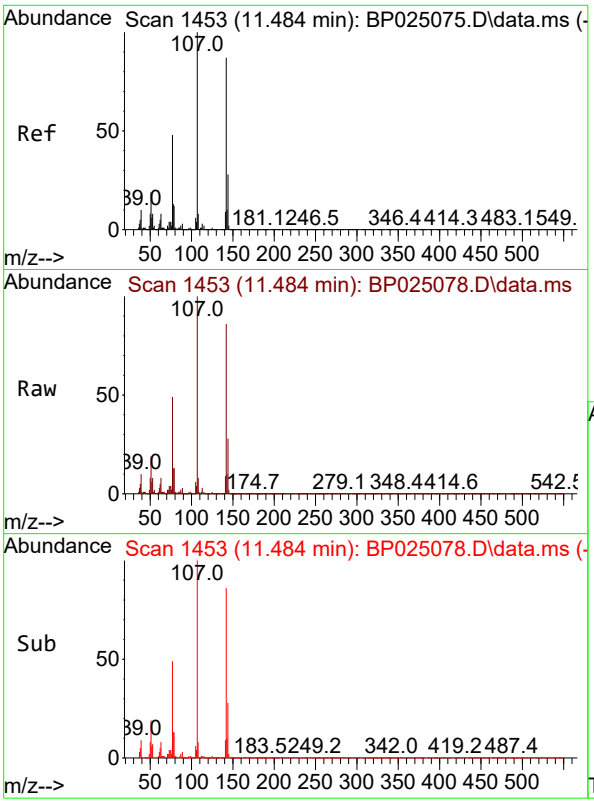


#35
Caprolactam
Concen: 82.158 ng
RT: 11.137 min Scan# 1394
Delta R.T. 0.029 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:113 Resp: 679020

Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	109.9	90.7	130.7

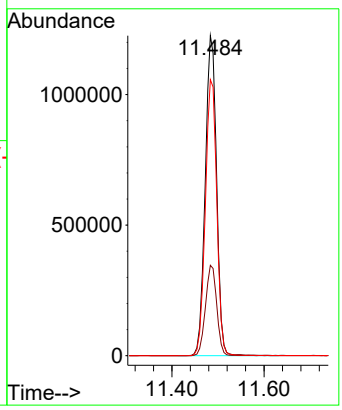




#36
4-Chloro-3-methylphenol
Concen: 83.296 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 210295

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	86.3	69.6	104.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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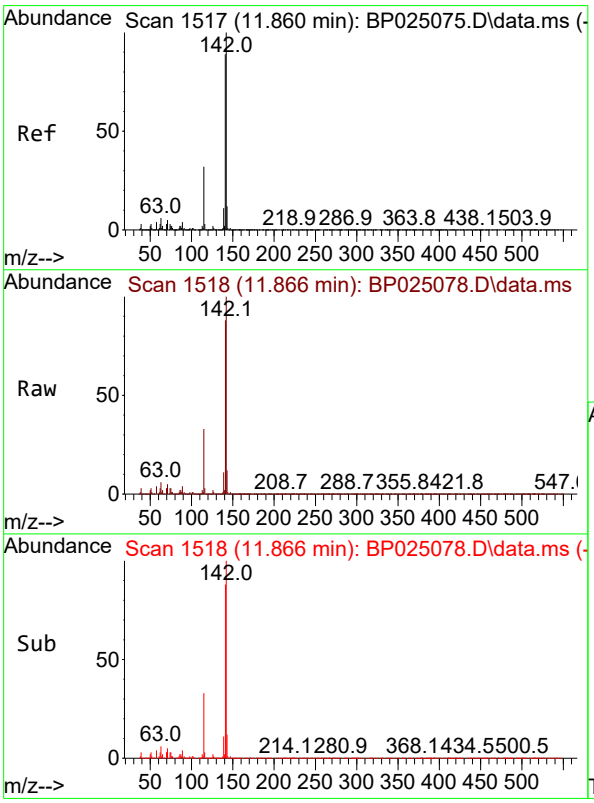
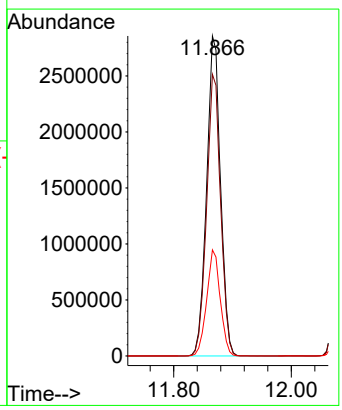
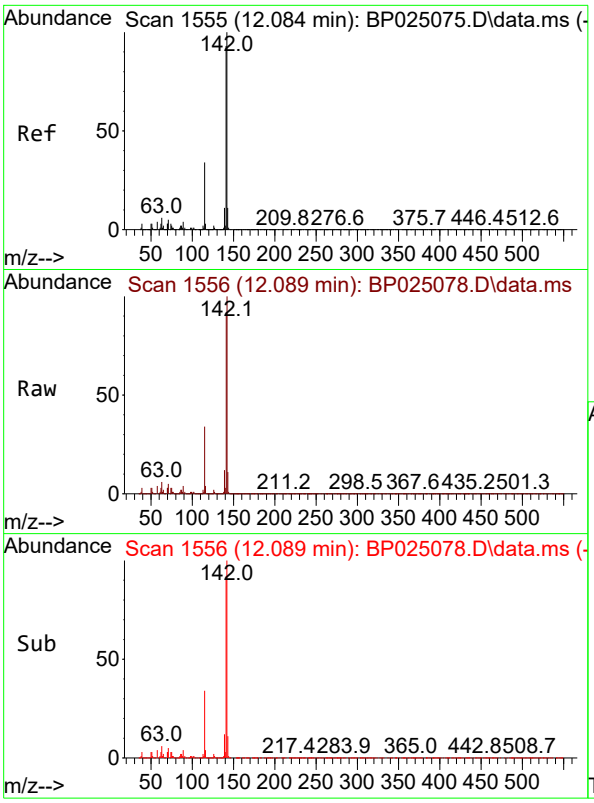


#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 4691171

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8
115	33.1	25.9	38.9

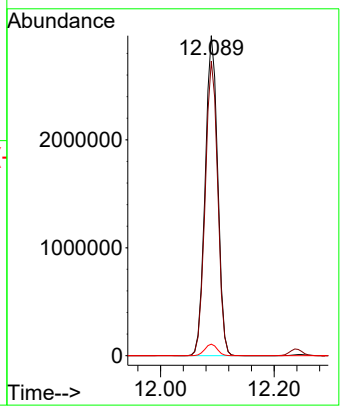




#38
1-Methylnaphthalene
Concen: 76.564 ng
RT: 12.089 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 450925

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.1	111.1
116	3.6	2.7	4.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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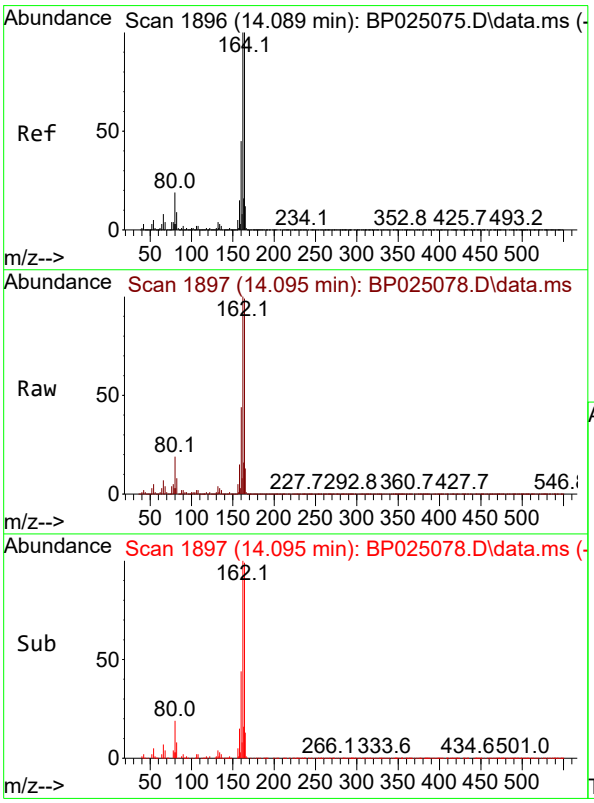
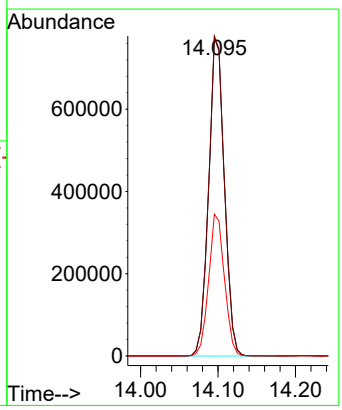
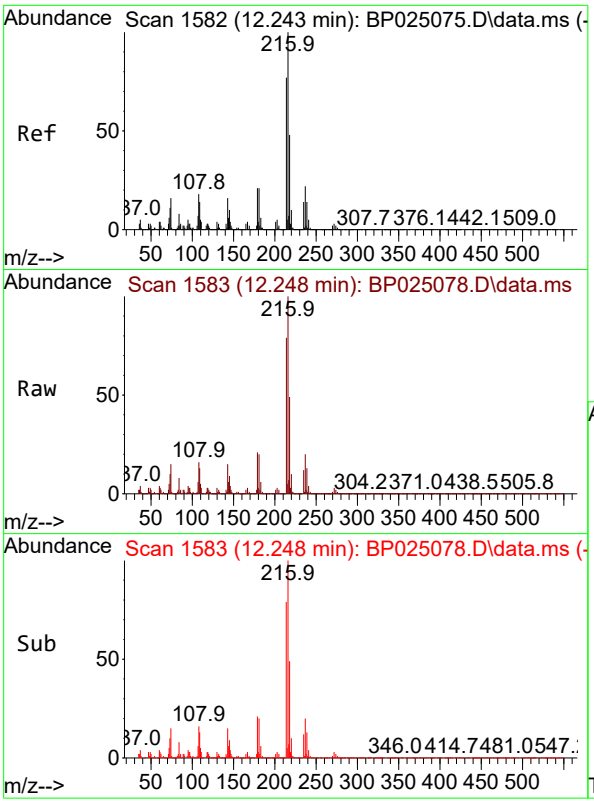


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:164 Resp: 1084696

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.6	35.9	53.9

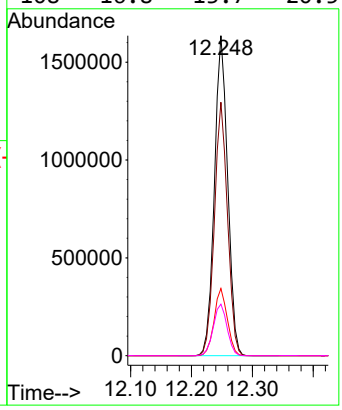




#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.996 ng
RT: 12.248 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:216 Resp: 246263

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	20.9	16.5	24.7
108	16.8	13.7	20.5



Instrument :
BNA_P
ClientSampleId :
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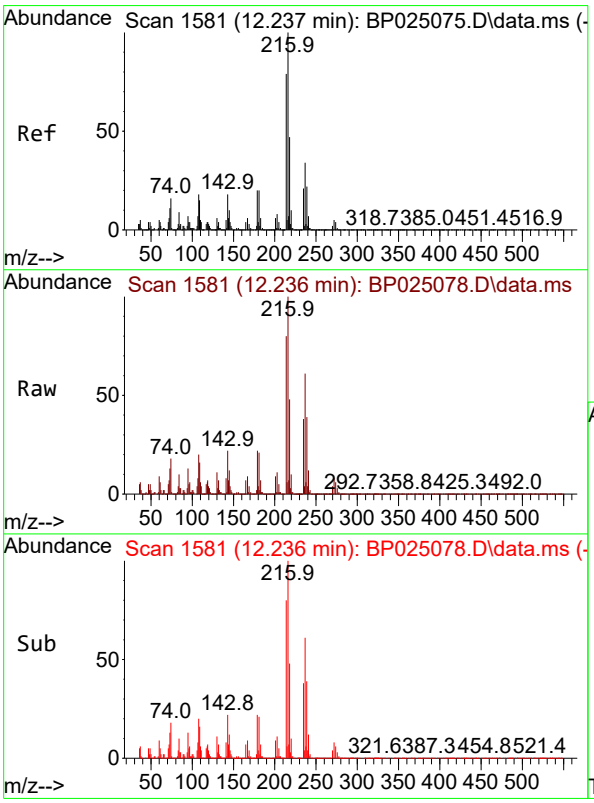
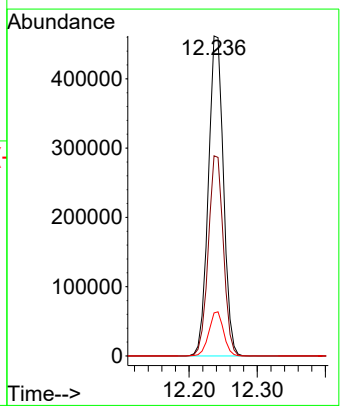
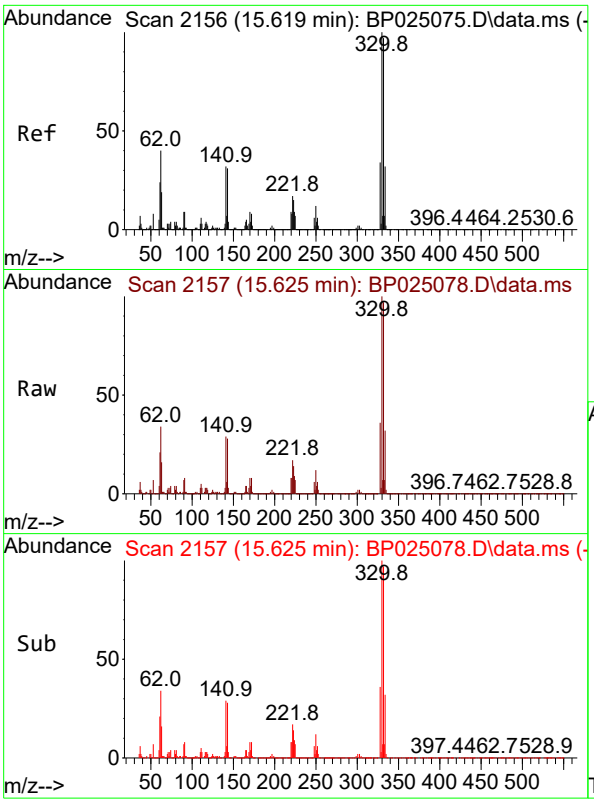


#41
Hexachlorocyclopentadiene
Concen: 87.336 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:237 Resp: 711159

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.4	0.0	33.6

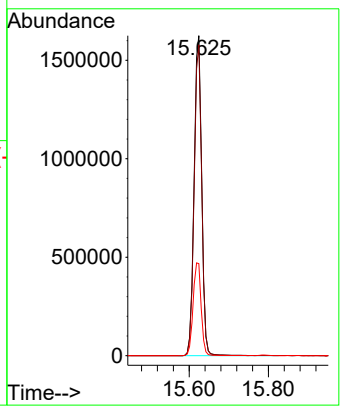




#42
2,4,6-Tribromophenol
Concen: 168.702 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:330 Resp: 216172

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	30.7	26.0	39.0



Instrument :
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ClientSampleId :
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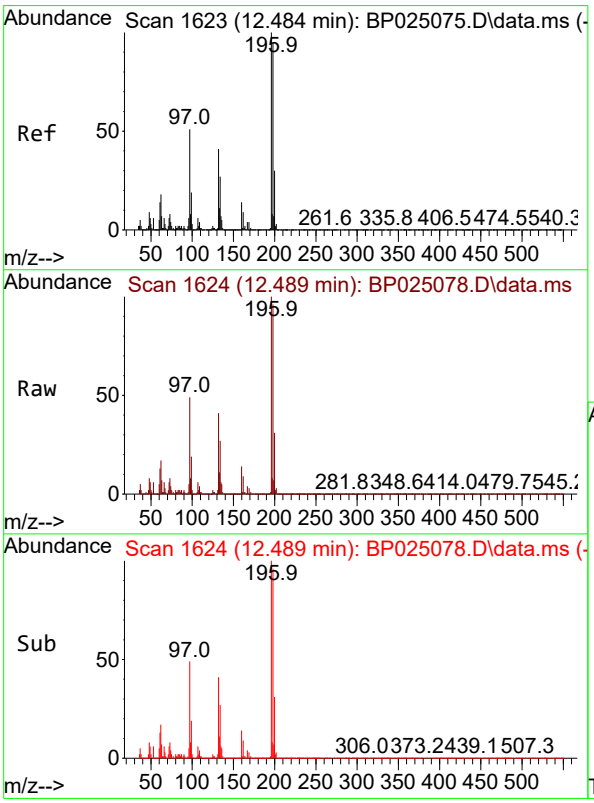
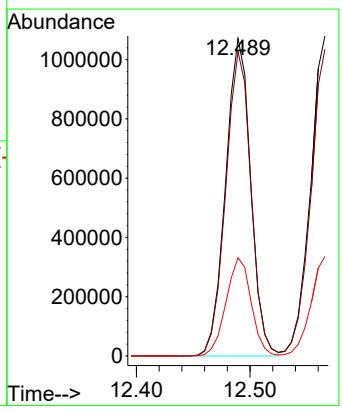
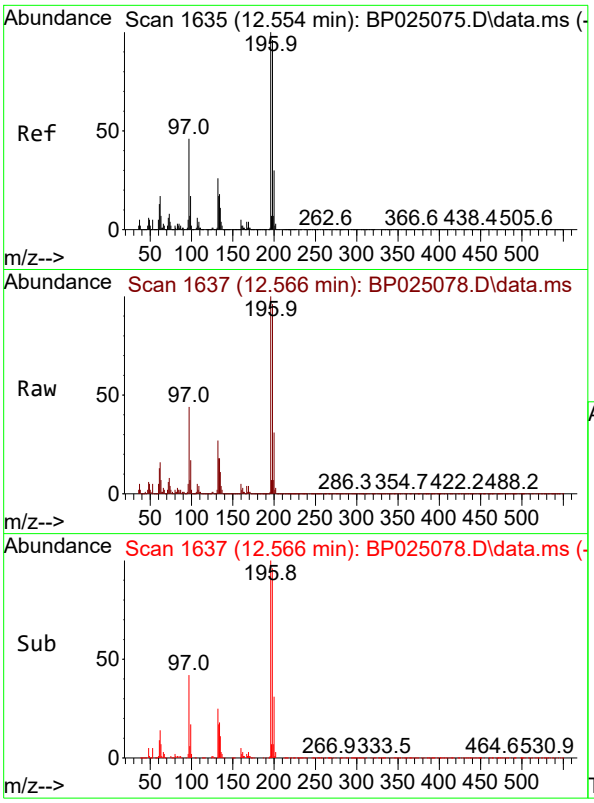


#43
2,4,6-Trichlorophenol
Concen: 87.227 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 1646539

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.0	24.3	36.5

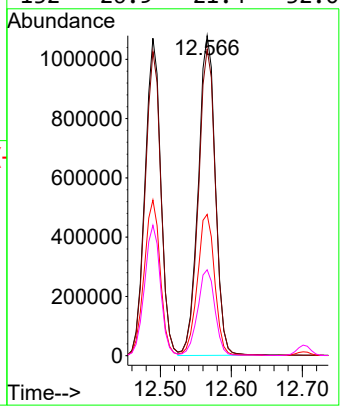




#44
2,4,5-Trichlorophenol
Concen: 84.432 ng
RT: 12.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 180621

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	44.1	36.6	55.0
132	26.9	21.4	32.0



Instrument :
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ClientSampleId :
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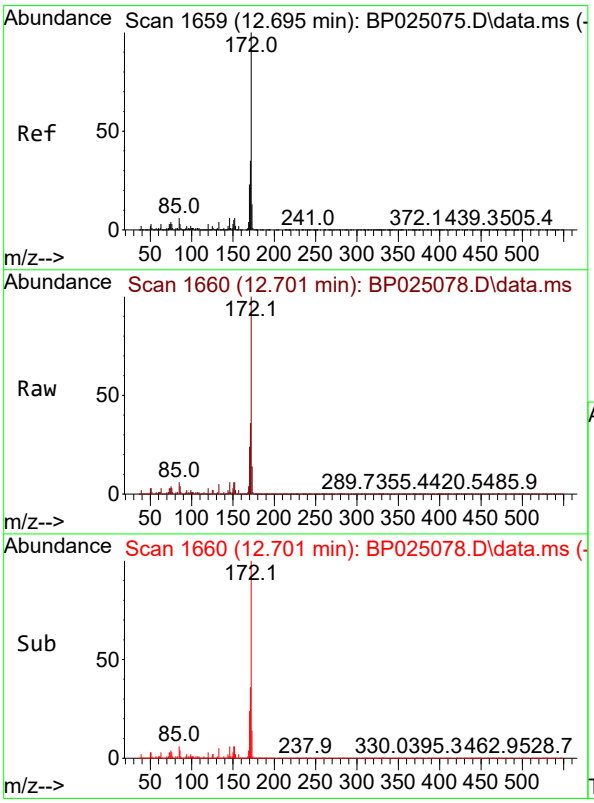
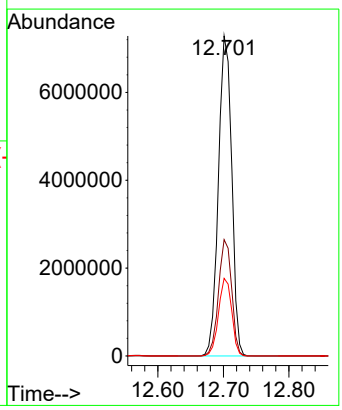
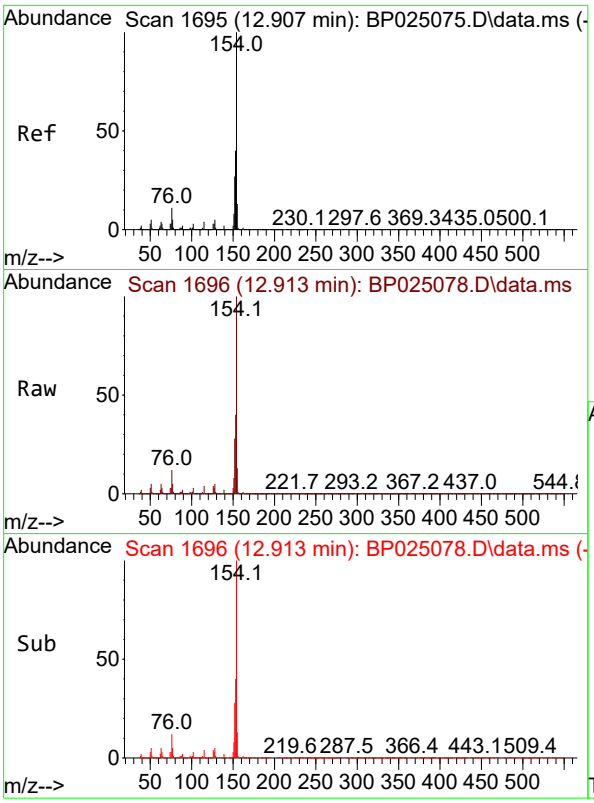


#45
2-Fluorobiphenyl
Concen: 145.859 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:172 Resp:10212772

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.2	18.7	28.1

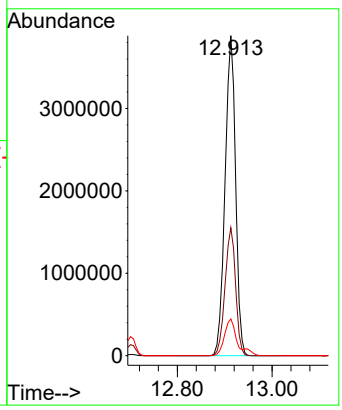




#46
1,1'-Biphenyl
Concen: 75.863 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:154 Resp: 598720

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.5	0.0	31.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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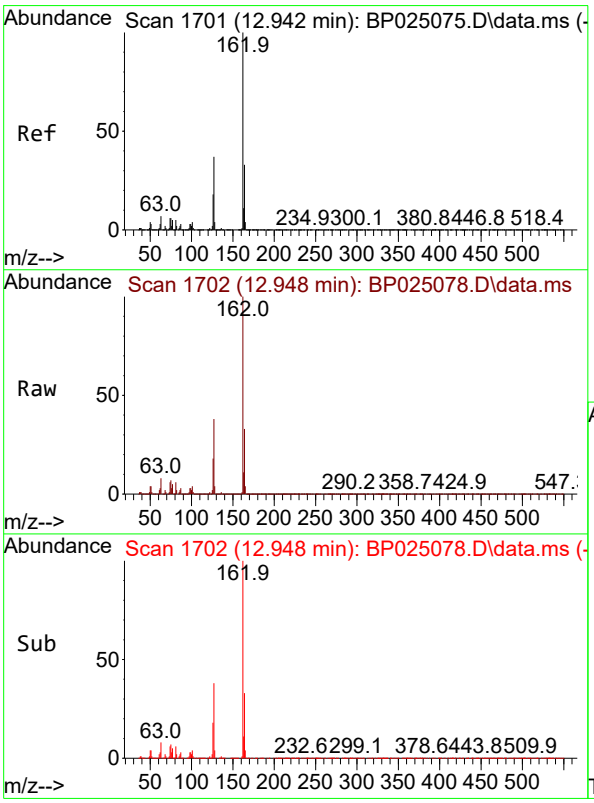
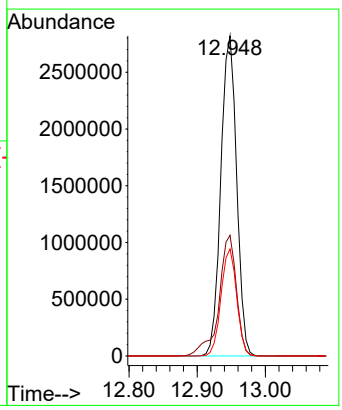
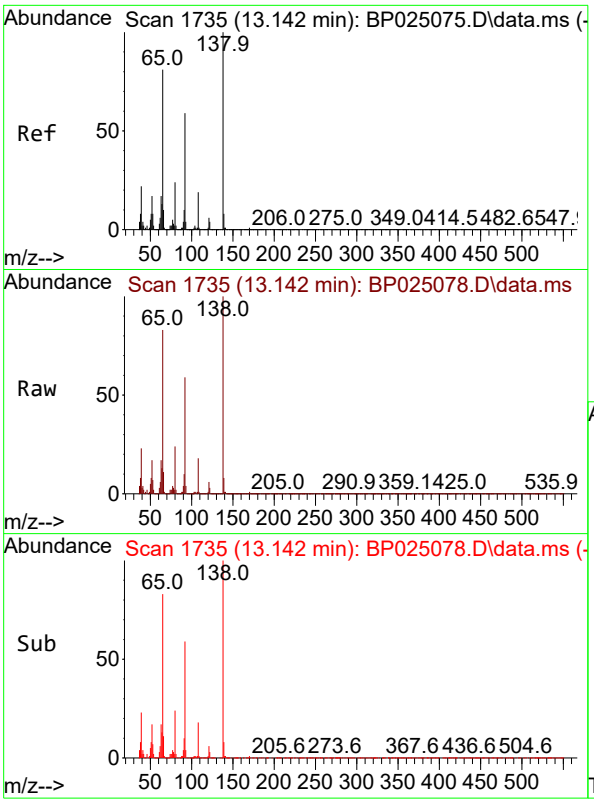


#47
2-Chloronaphthalene
Concen: 76.620 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 4544953

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	33.5	26.4	39.6

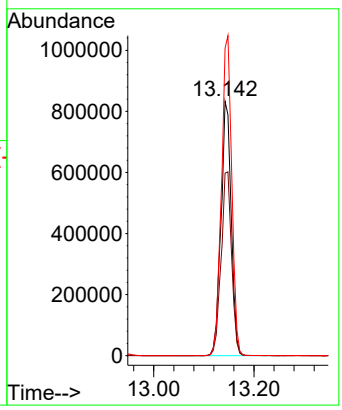




#48
2-Nitroaniline
Concen: 79.706 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 65 Resp: 118633

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	120.9	99.0	148.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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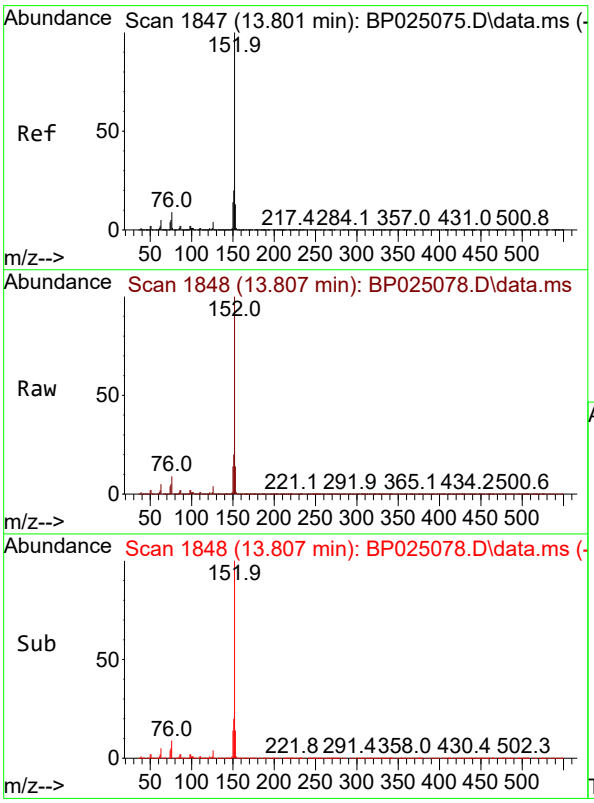
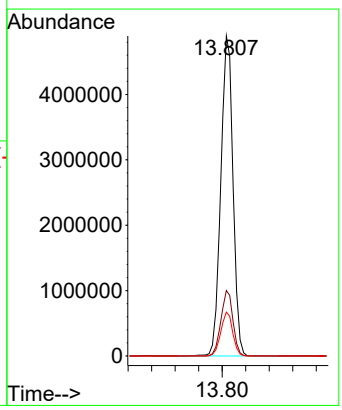
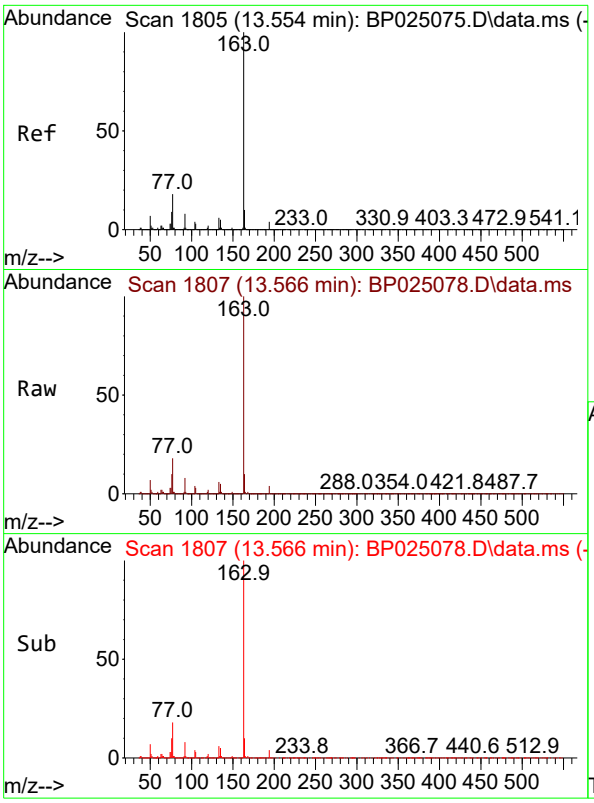


#49
Acenaphthylene
Concen: 77.402 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 7027119

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.7	10.7	16.1

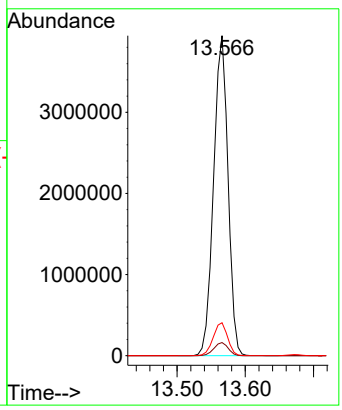




#50
Dimethylphthalate
Concen: 76.378 ng
RT: 13.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:163 Resp: 579932

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
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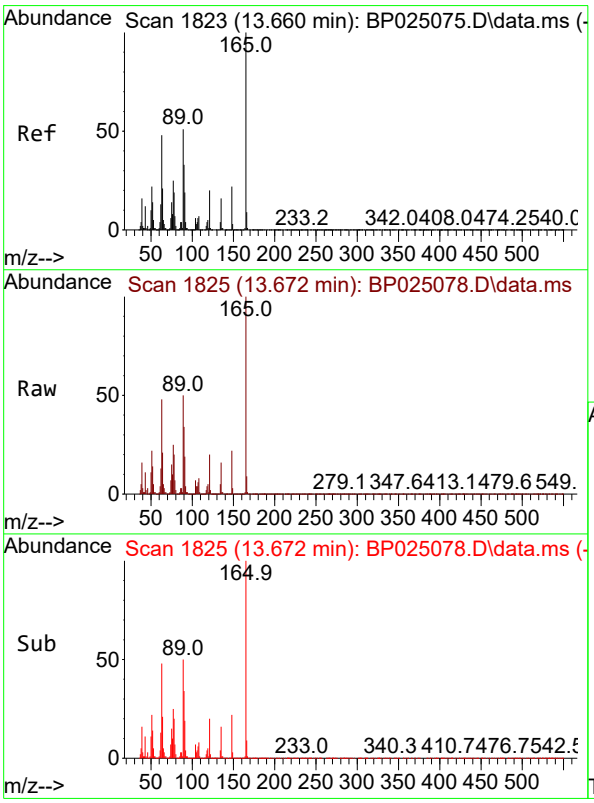
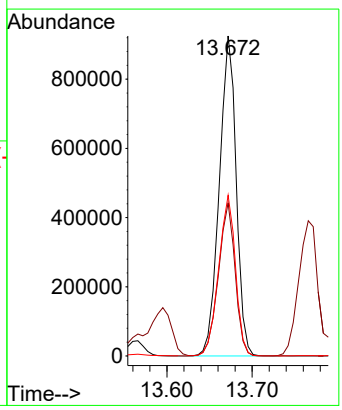
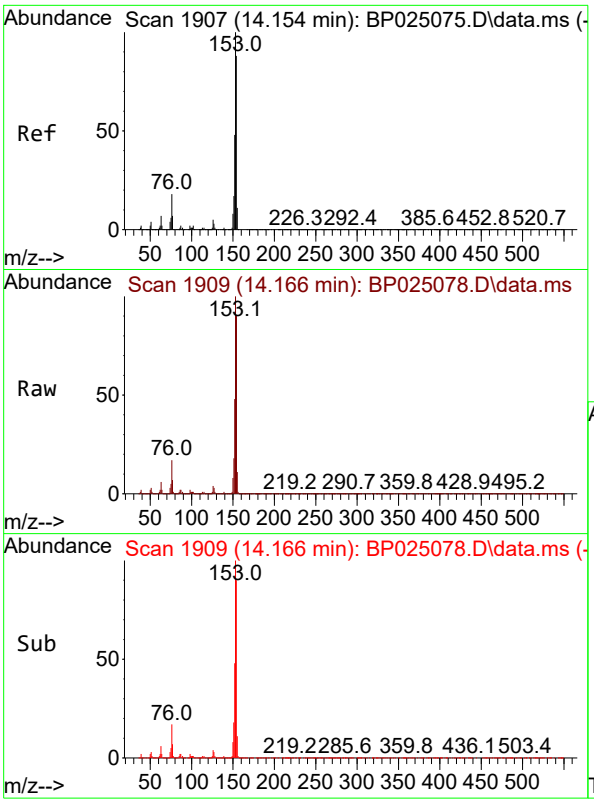


#51
2,6-Dinitrotoluene
Concen: 86.048 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1274236

Ion	Ratio	Lower	Upper
165	100		
63	47.8	38.5	57.7
89	50.2	40.6	61.0

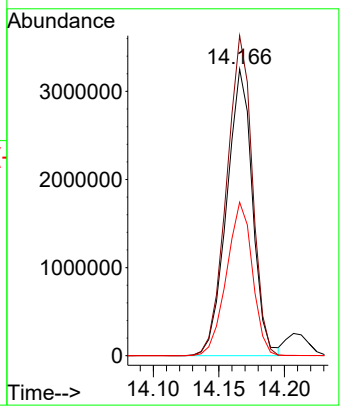




#52
Acenaphthene
Concen: 76.130 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:154 Resp: 445463

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.6	43.8	65.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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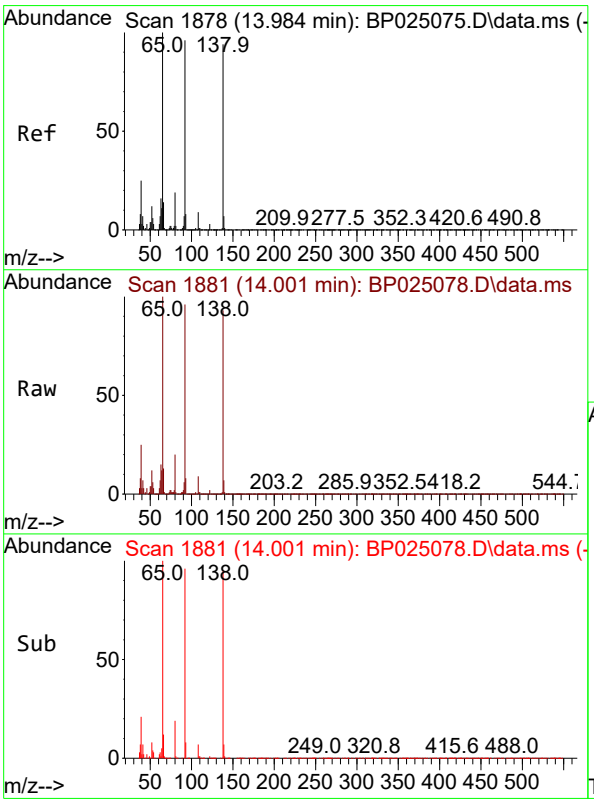
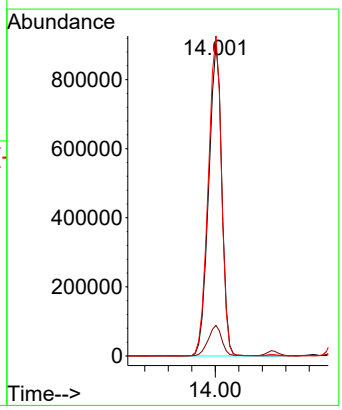
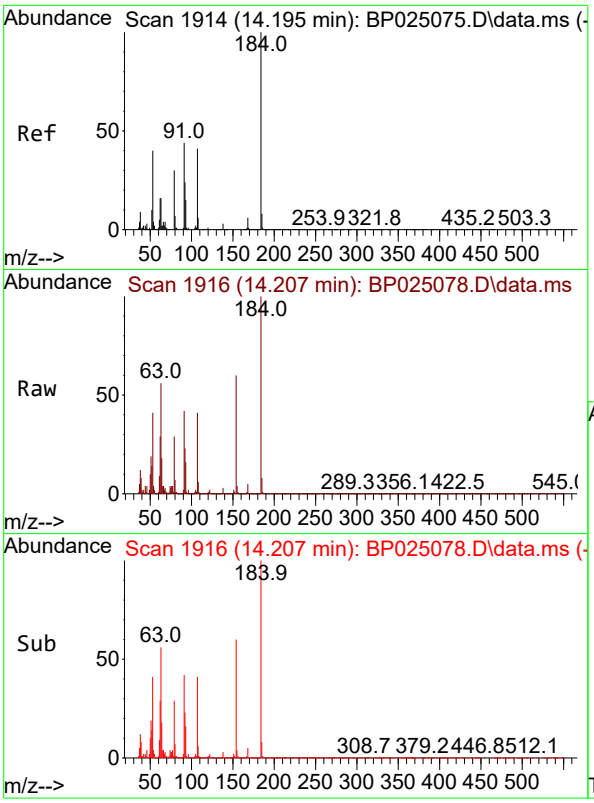


#53
3-Nitroaniline
Concen: 88.191 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 1399587

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	102.6	81.0	121.4

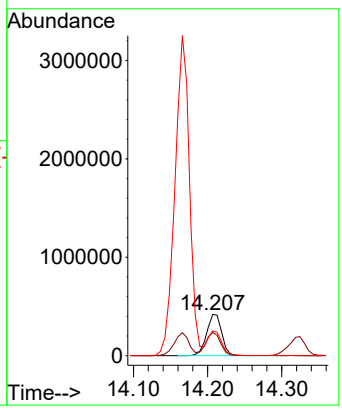




#54
2,4-Dinitrophenol
Concen: 81.781 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 59280

Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.4	71.0
154	60.2	47.8	71.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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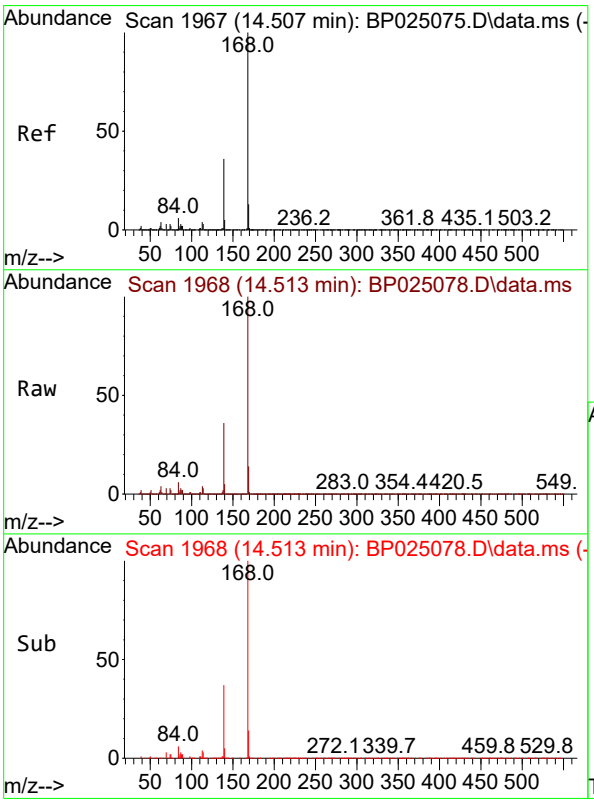
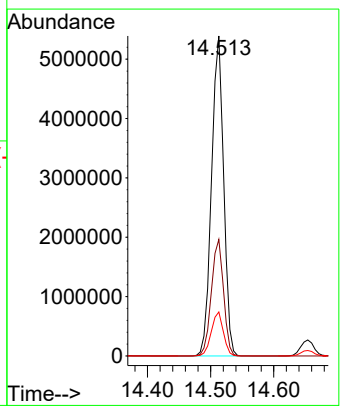
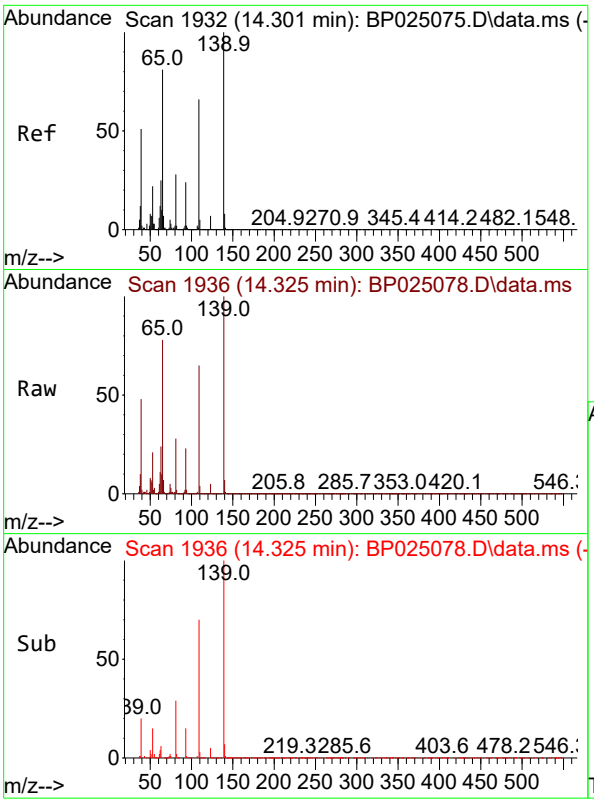


#55
Dibenzofuran
Concen: 74.338 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:168 Resp: 7178793

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.7	10.7	16.1

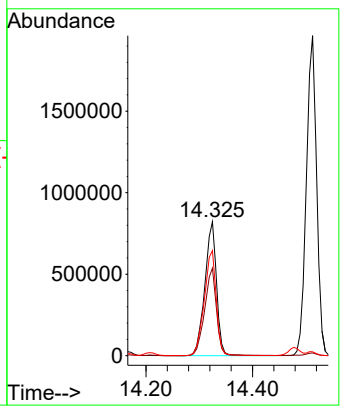




#56
4-Nitrophenol
Concen: 85.486 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:139 Resp: 125198

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.9	85.9
65	78.5	61.4	101.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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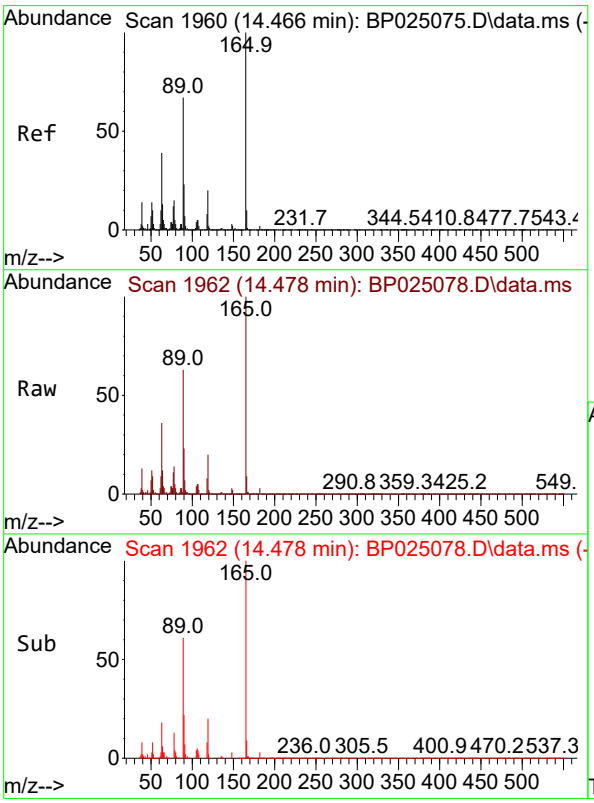
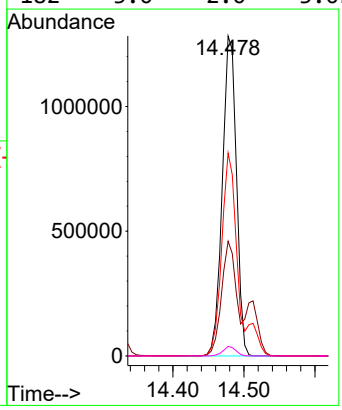
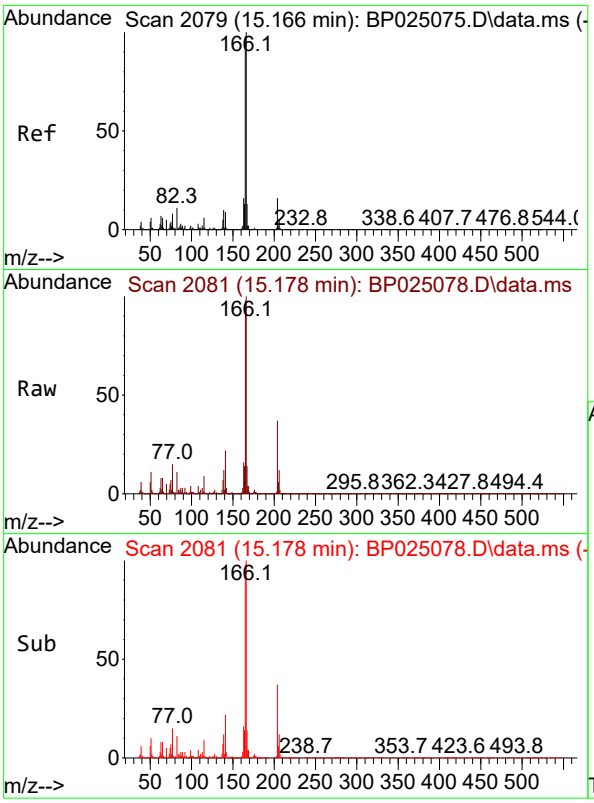


#57
2,4-Dinitrotoluene
Concen: 79.166 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1759928

Ion	Ratio	Lower	Upper
165	100		
63	35.9	31.0	46.4
89	63.4	53.4	80.0
182	3.0	2.0	3.0#

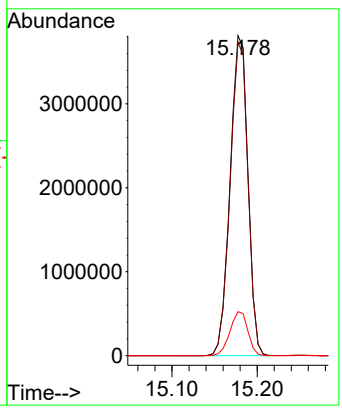




#58
Fluorene
Concen: 74.216 ng
RT: 15.178 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:166 Resp: 554350(

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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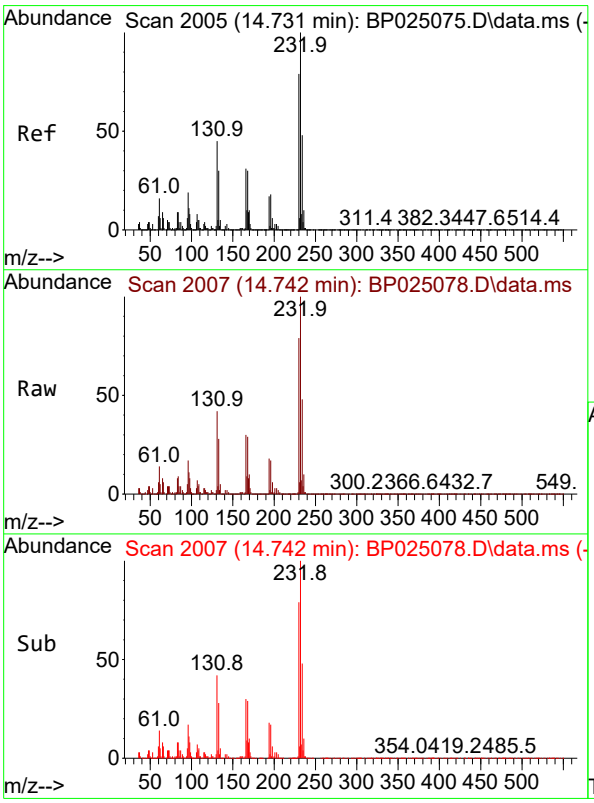
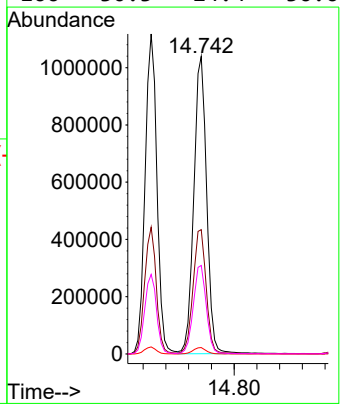
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

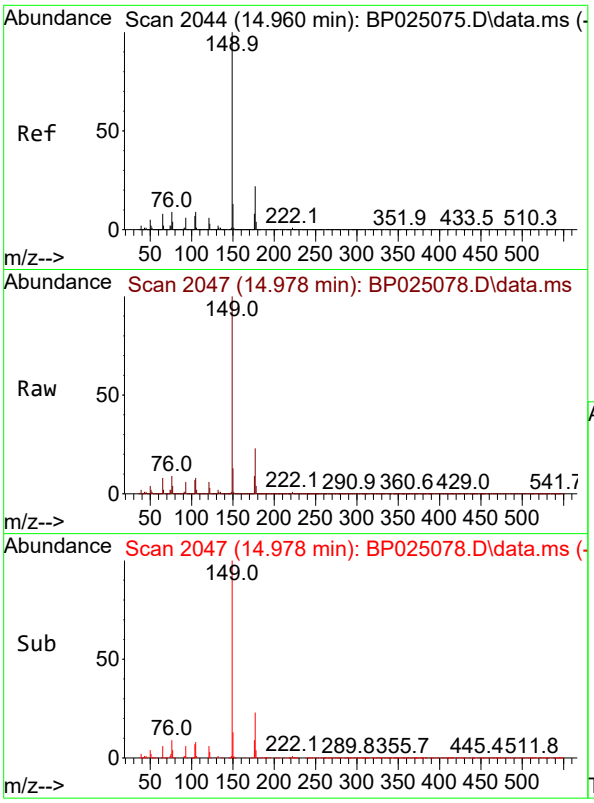


#59
2,3,4,6-Tetrachlorophenol
Concen: 84.370 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:232 Resp: 1634442

Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.7	53.5
130	2.1	1.8	2.6
166	30.3	24.4	36.6

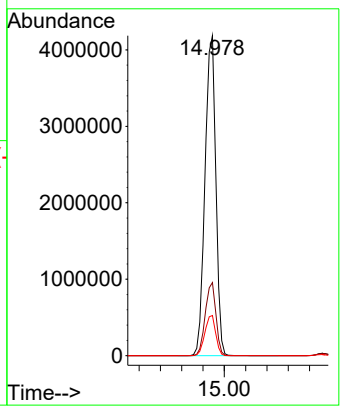




#60
Diethylphthalate
Concen: 77.254 ng
RT: 14.978 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 589155

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.6	10.2	15.2



Instrument :
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ClientSampleId :
SSTDICC080

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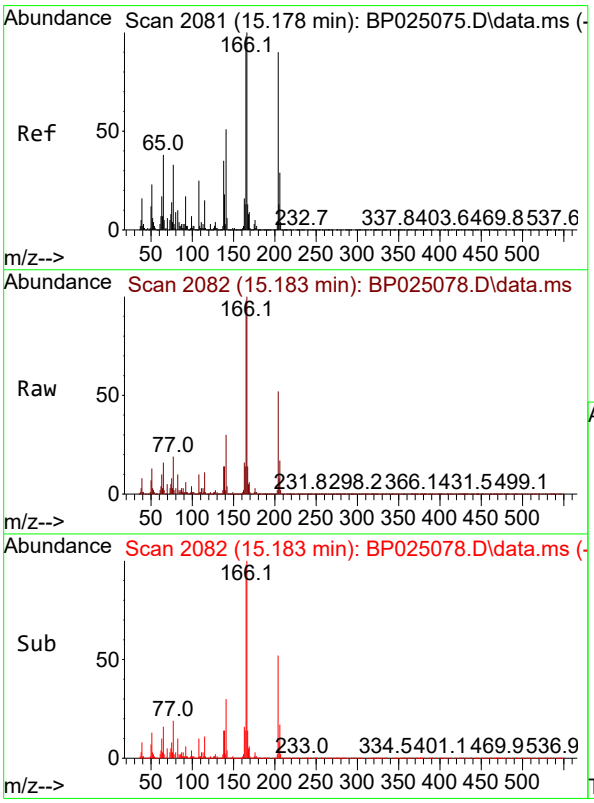
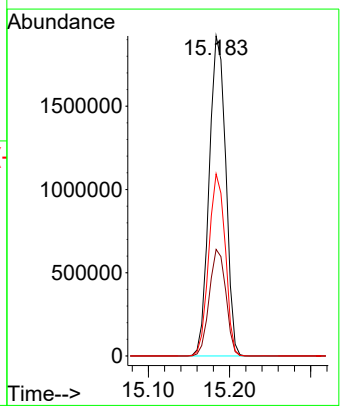
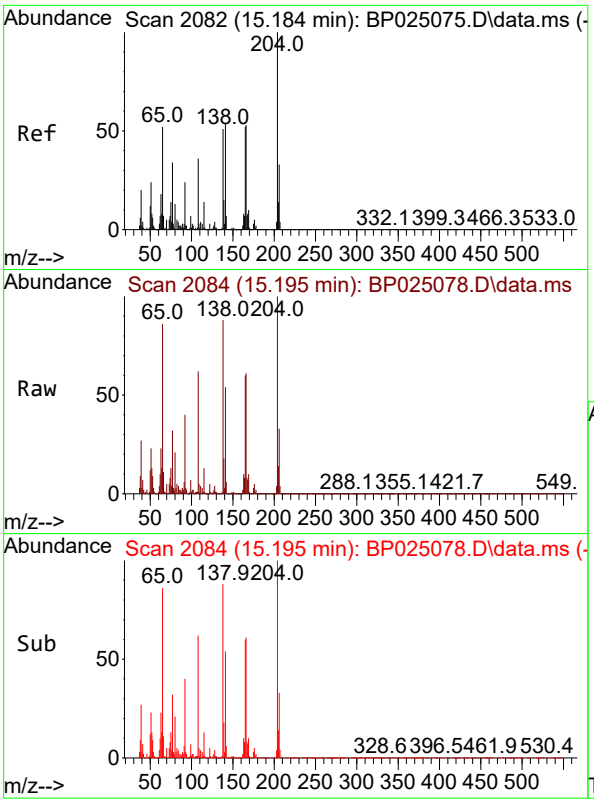


#61
4-Chlorophenyl-phenylether
Concen: 73.523 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:204 Resp: 2717790

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.9	45.1	67.7

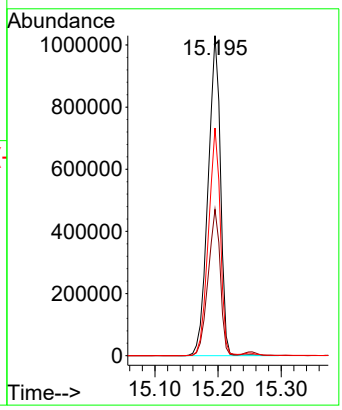




#62
4-Nitroaniline
Concen: 84.376 ng
RT: 15.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 140408

Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.0	66.0
108	71.1	50.0	90.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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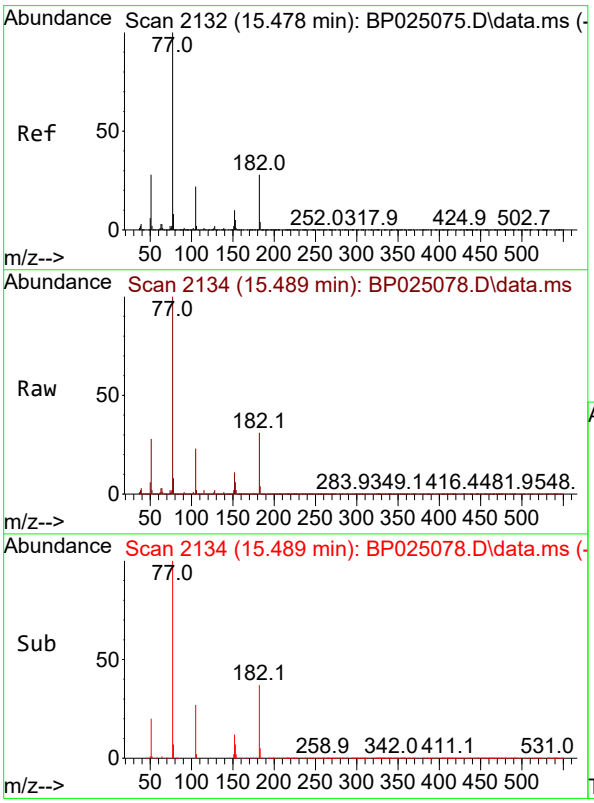
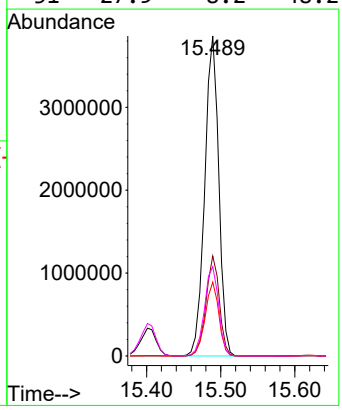
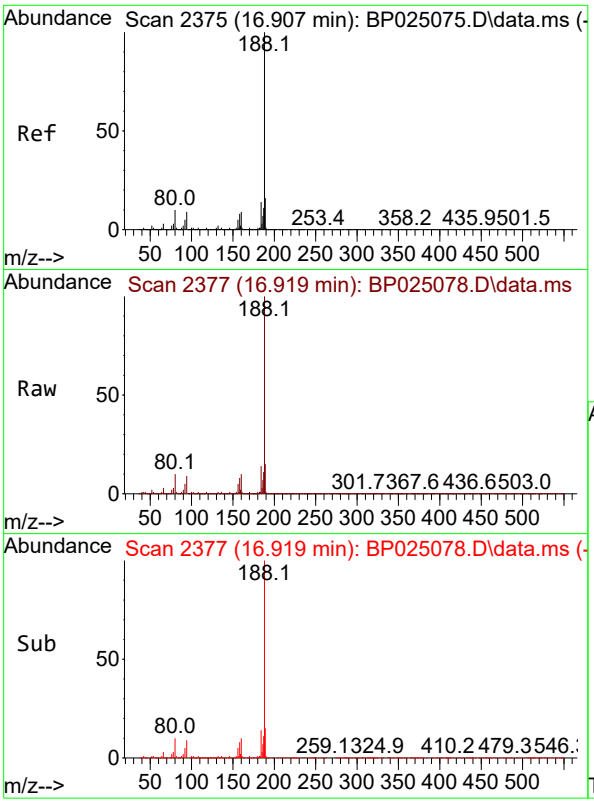


#63
Azobenzene
Concen: 74.798 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 77 Resp: 5079474

Ion	Ratio	Lower	Upper
77	100		
182	31.2	7.7	47.7
105	23.1	1.9	41.9
51	27.9	8.2	48.2

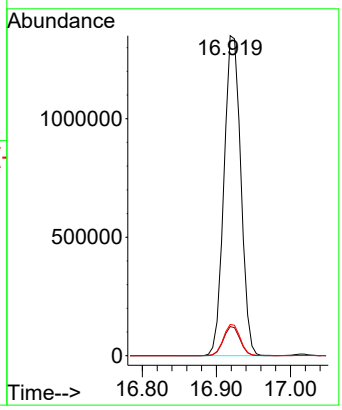




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:188 Resp: 212946

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.8	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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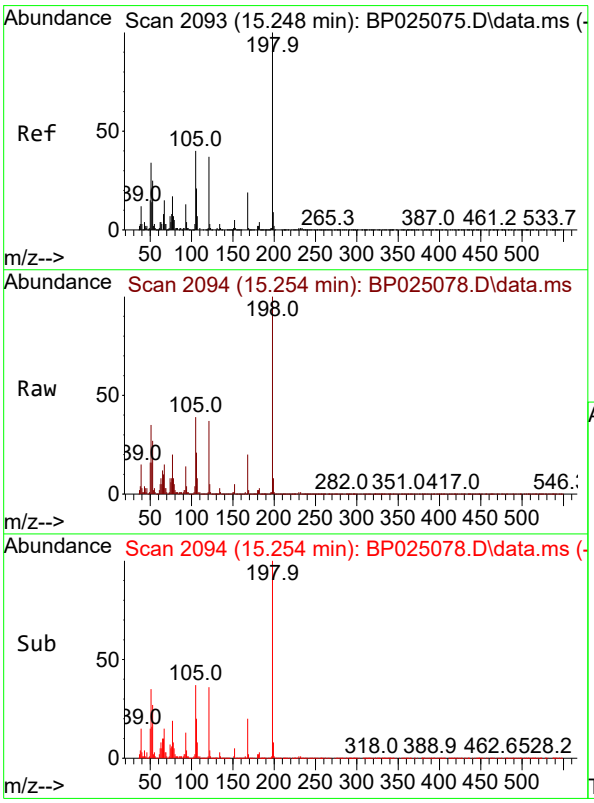
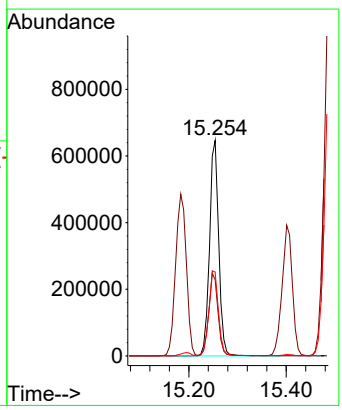
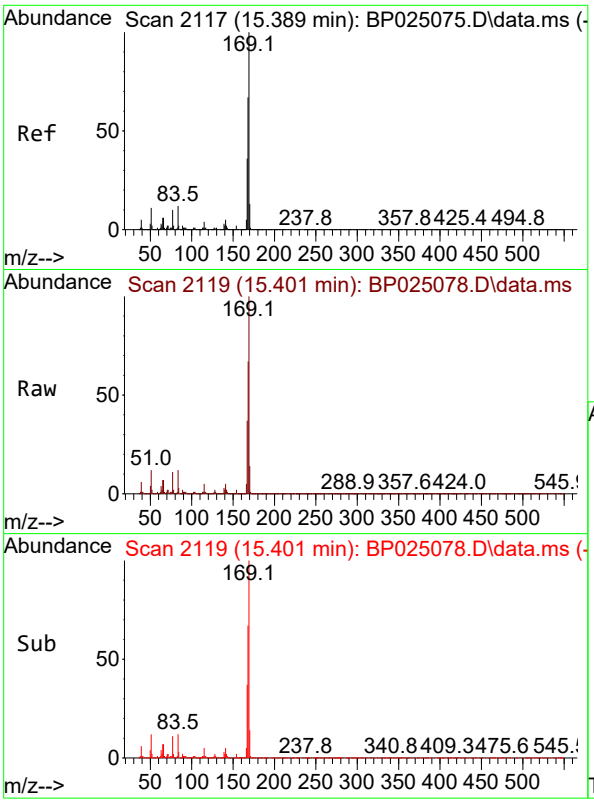


#65
4,6-Dinitro-2-methylphenol
Concen: 81.907 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:198 Resp: 836918

Ion	Ratio	Lower	Upper
198	100		
51	35.3	16.8	56.8
105	39.0	20.8	60.8

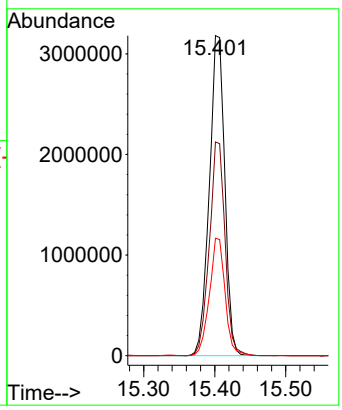




#66
n-Nitrosodiphenylamine
Concen: 79.024 ng
RT: 15.401 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:169 Resp: 481587

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.7	29.0	43.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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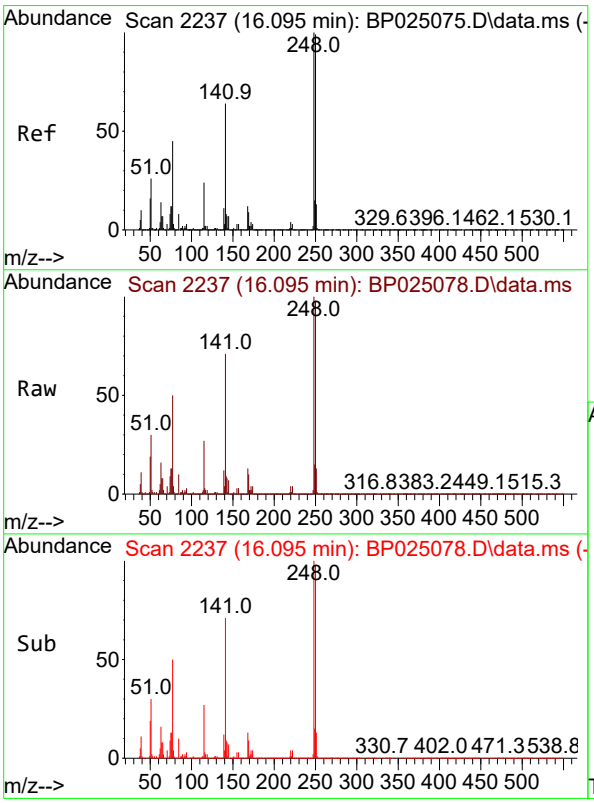
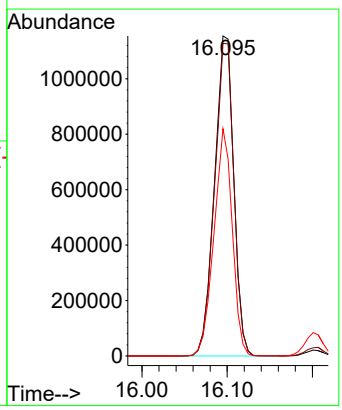
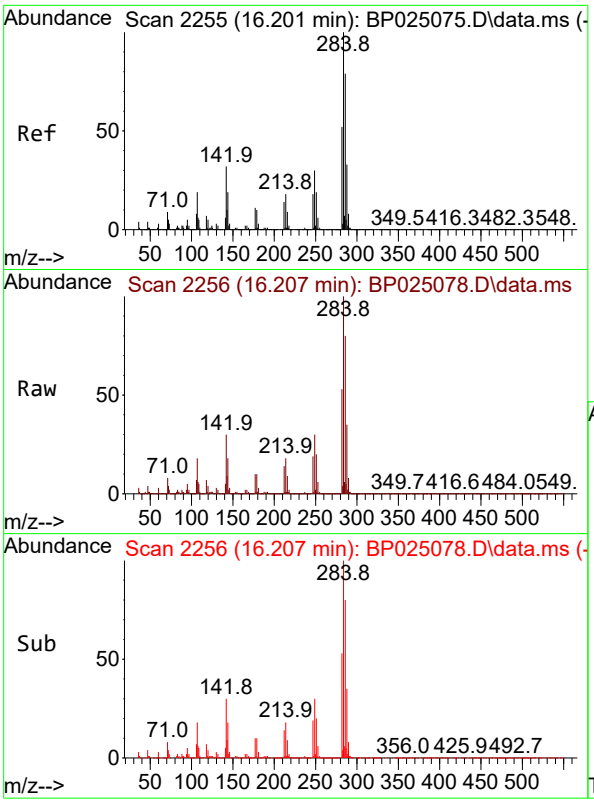


#67
4-Bromophenyl-phenylether
Concen: 83.140 ng
RT: 16.095 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:248 Resp: 1812737

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	71.0	51.4	77.0





#68
Hexachlorobenzene
Concen: 79.660 ng
RT: 16.207 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:284 Resp: 212292

Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.9	38.9
249	30.5	23.8	35.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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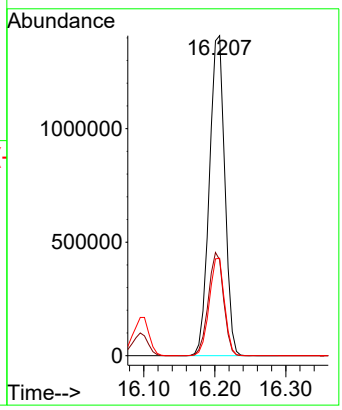
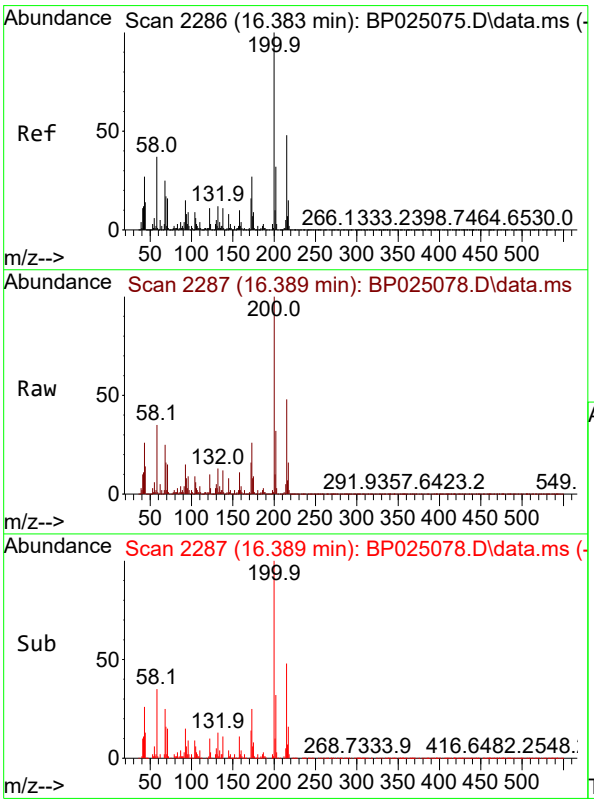
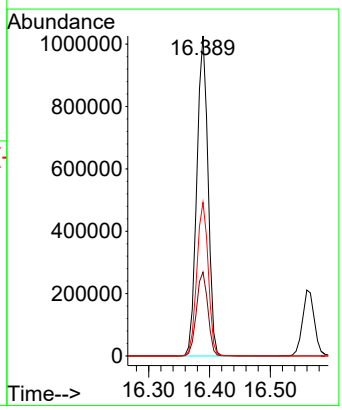


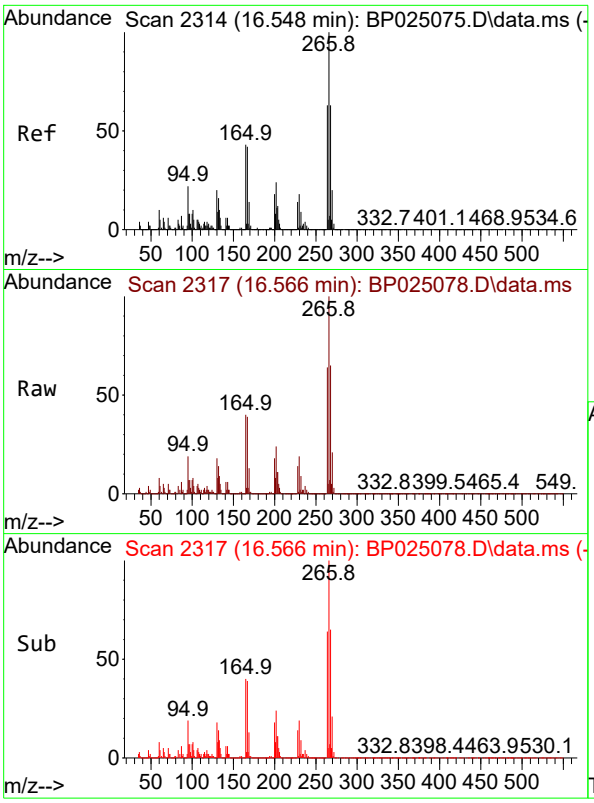


#69
Atrazine
Concen: 73.469 ng
RT: 16.389 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:200 Resp: 1312003

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	48.0	28.0	68.0

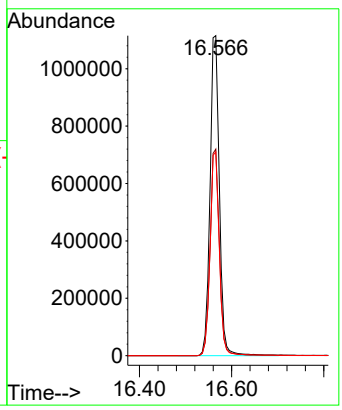




#70
Pentachlorophenol
Concen: 87.298 ng
RT: 16.566 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:266 Resp: 157118

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.4	75.6
264	63.7	50.2	75.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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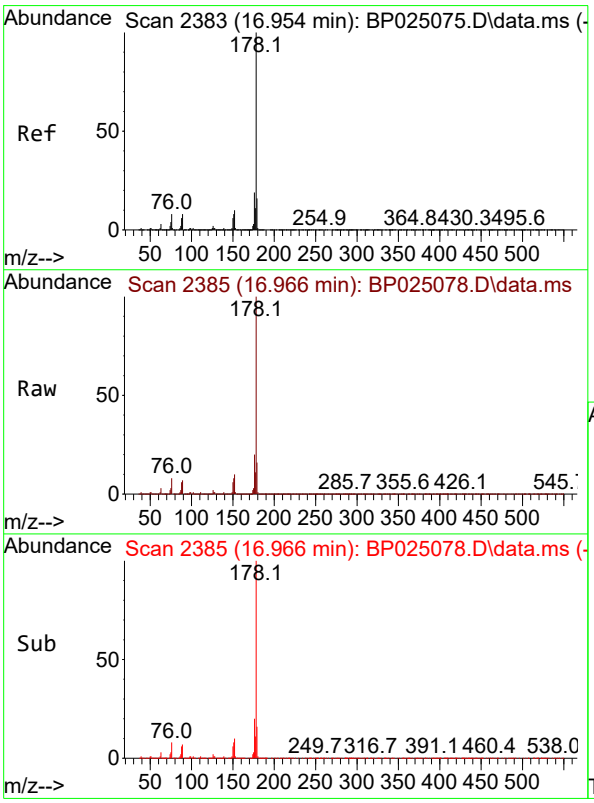
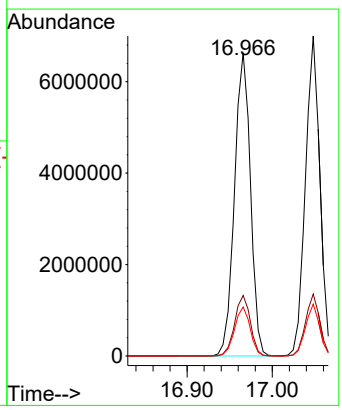
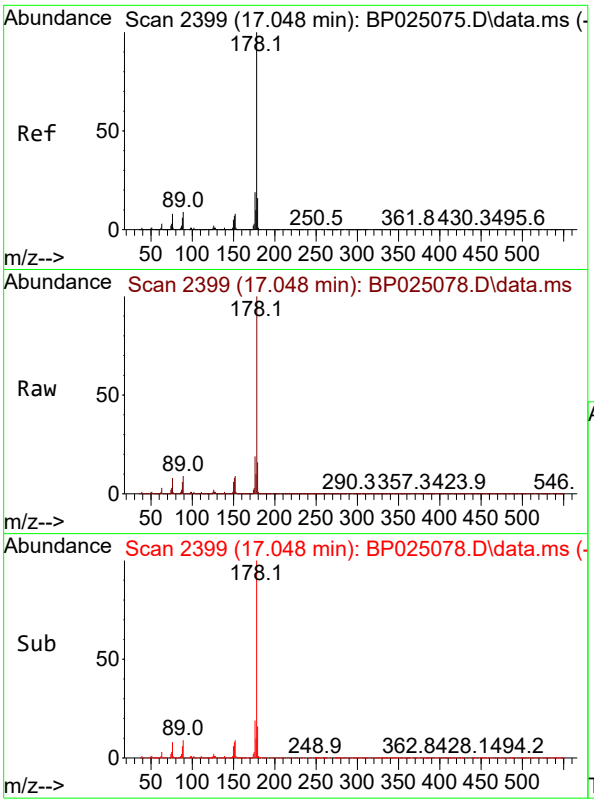


#71
Phenanthrene
Concen: 75.660 ng
RT: 16.966 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 8609082

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.2	12.6	19.0

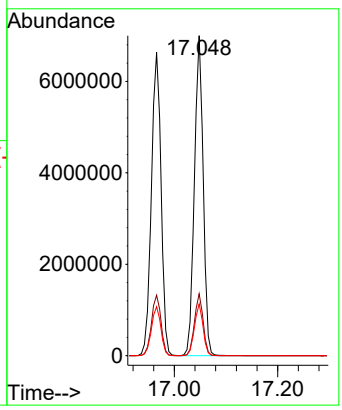




#72
Anthracene
Concen: 75.756 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 826979

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	16.2	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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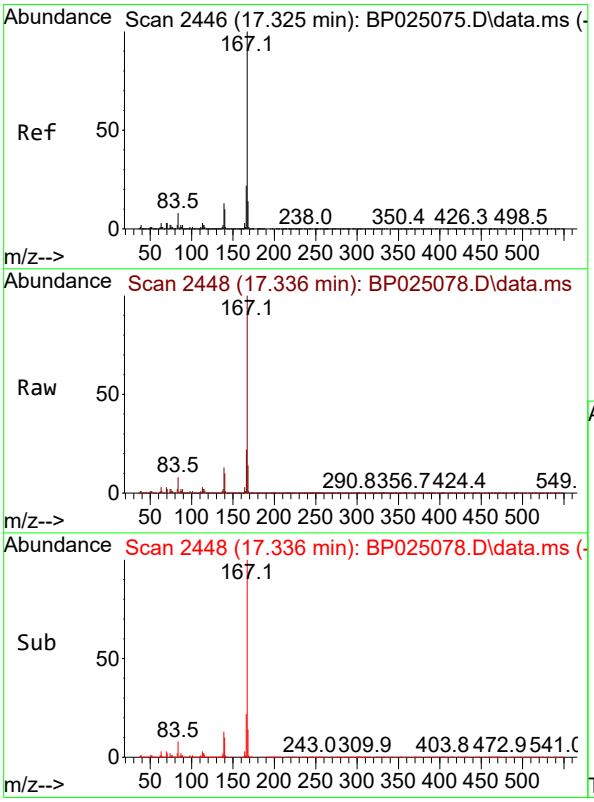
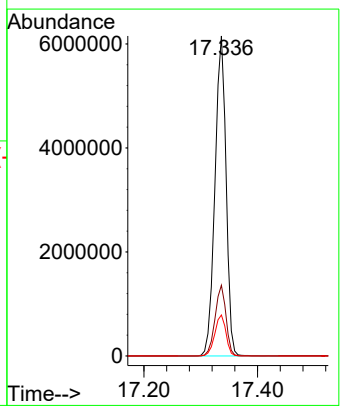
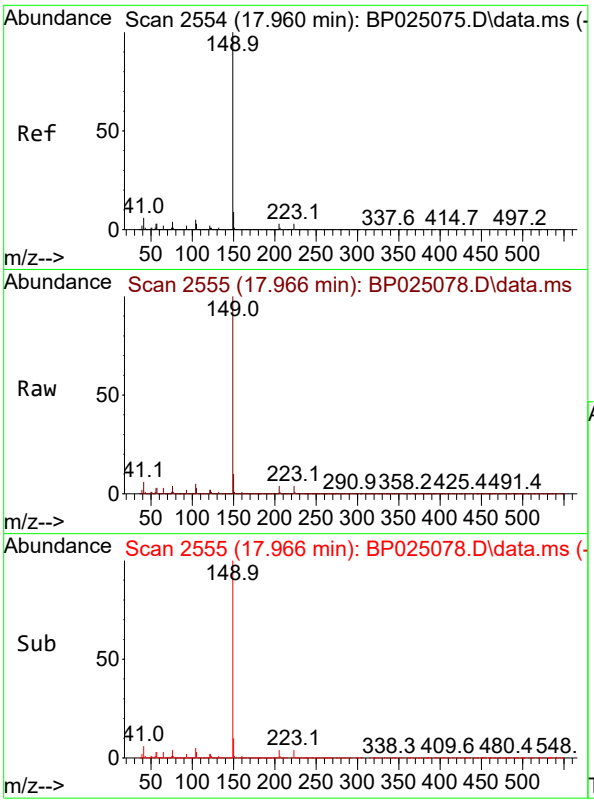


#73
Carbazole
Concen: 77.872 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:167 Resp: 8311609

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.8	10.4	15.6

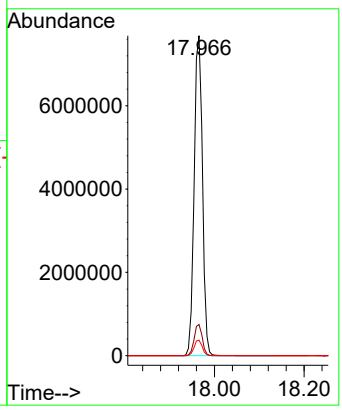




#74
Di-n-butylphthalate
Concen: 82.572 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 981430

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.8	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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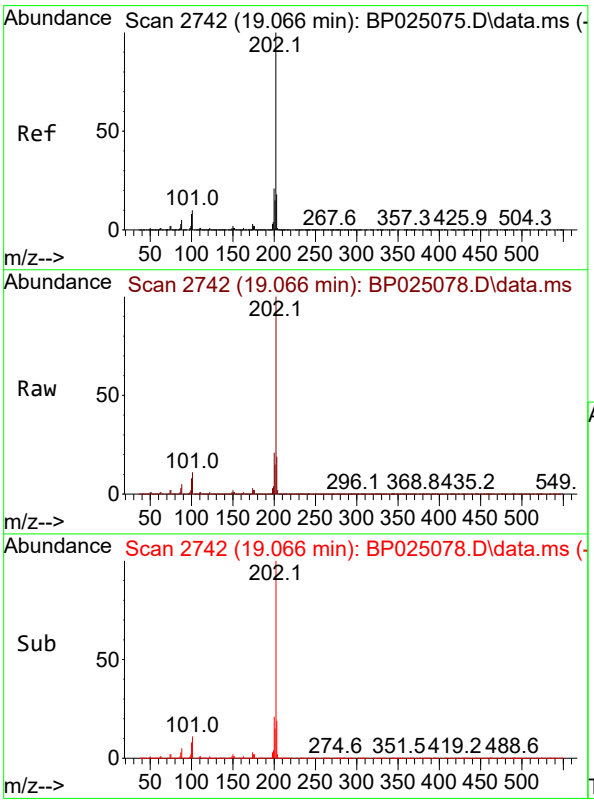
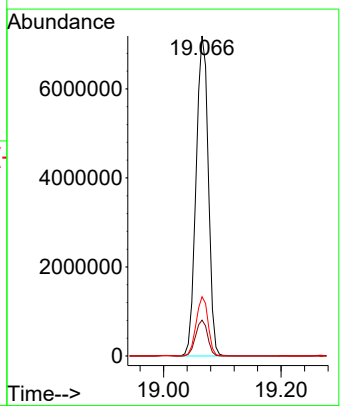
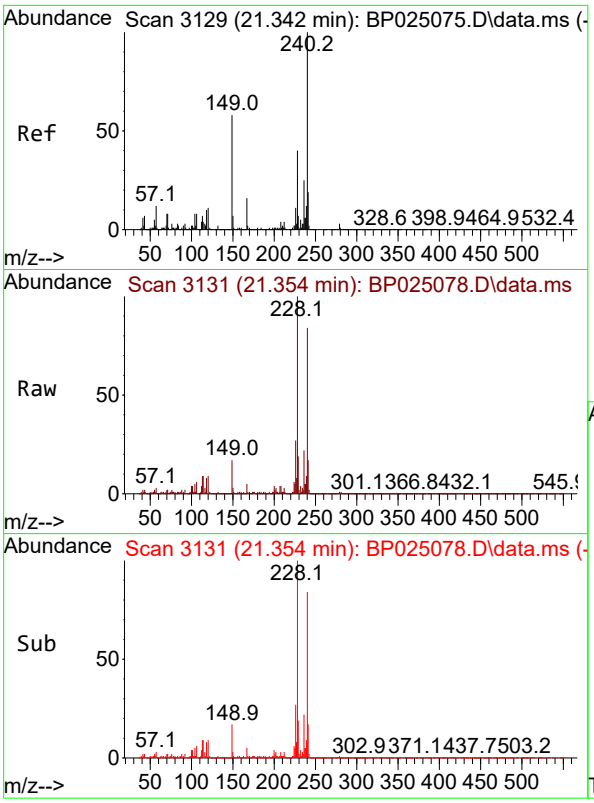


#75
Fluoranthene
Concen: 77.833 ng
RT: 19.066 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:10352176

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.5	0.0	37.6

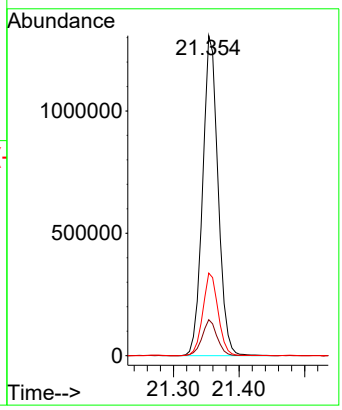




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:240 Resp: 213958

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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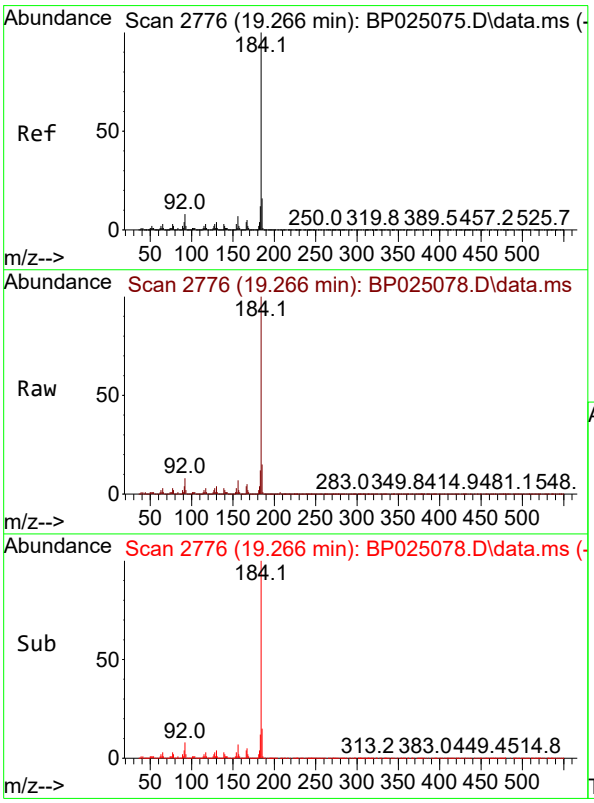
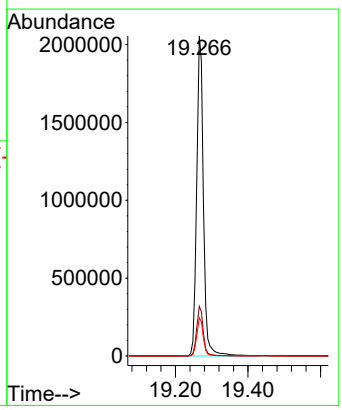
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

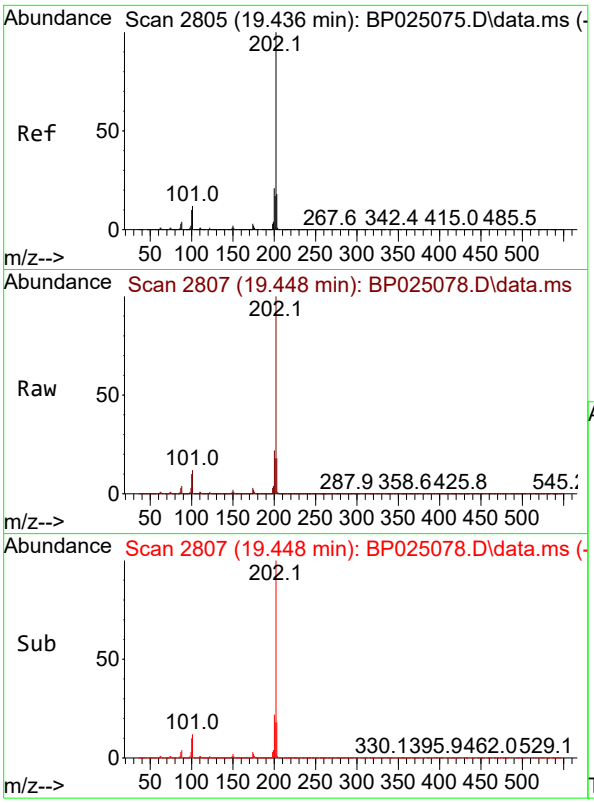


#77
Benzidine
Concen: 70.212 ng
RT: 19.266 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 2653175

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.0	9.4	14.2

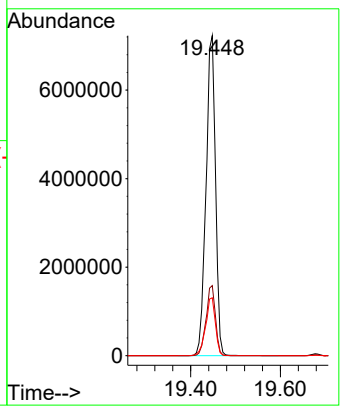




#78
Pyrene
Concen: 79.970 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:1059772

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.1	14.1	21.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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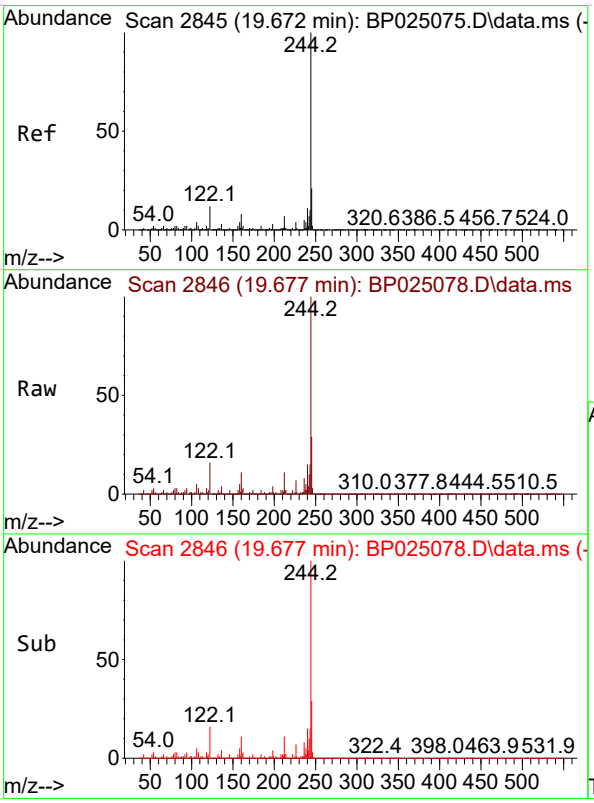
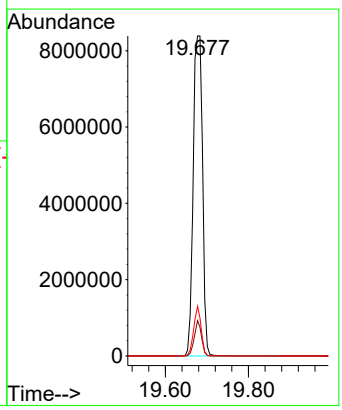
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

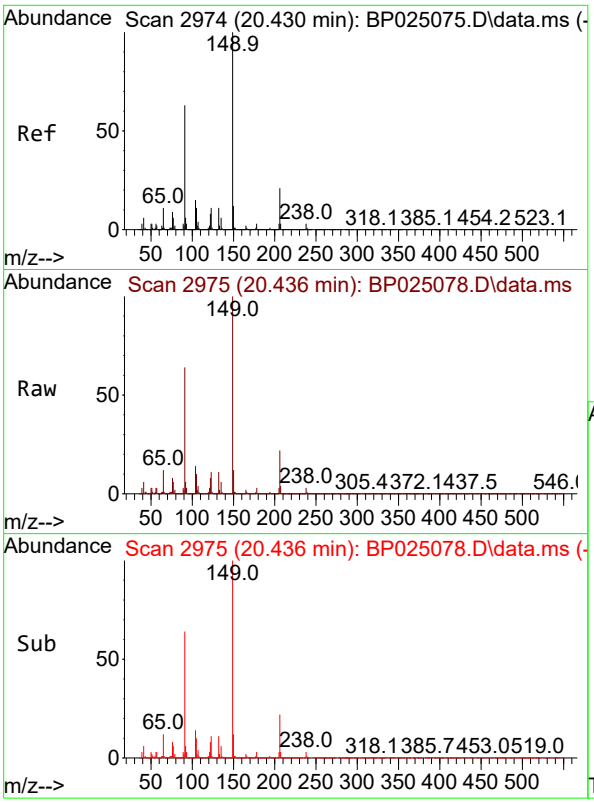


#79
Terphenyl-d14
Concen: 134.293 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:244 Resp:13073627

Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.9	8.9#
122	15.6	9.4	14.2#

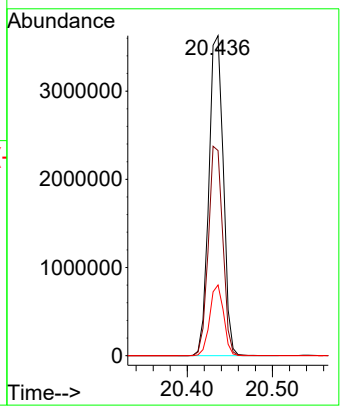




#80
Butylbenzylphthalate
Concen: 80.862 ng
RT: 20.436 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 426802

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	22.1	17.2	25.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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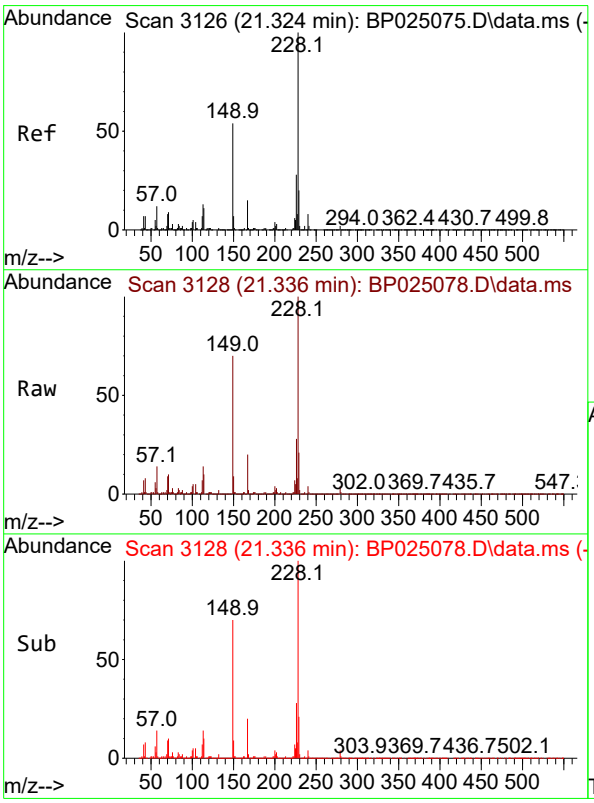
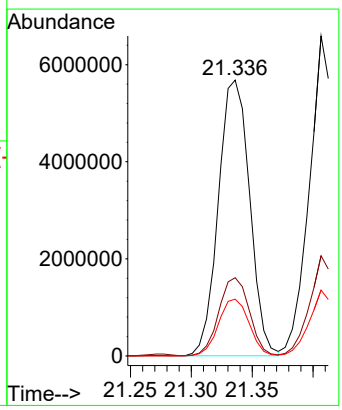
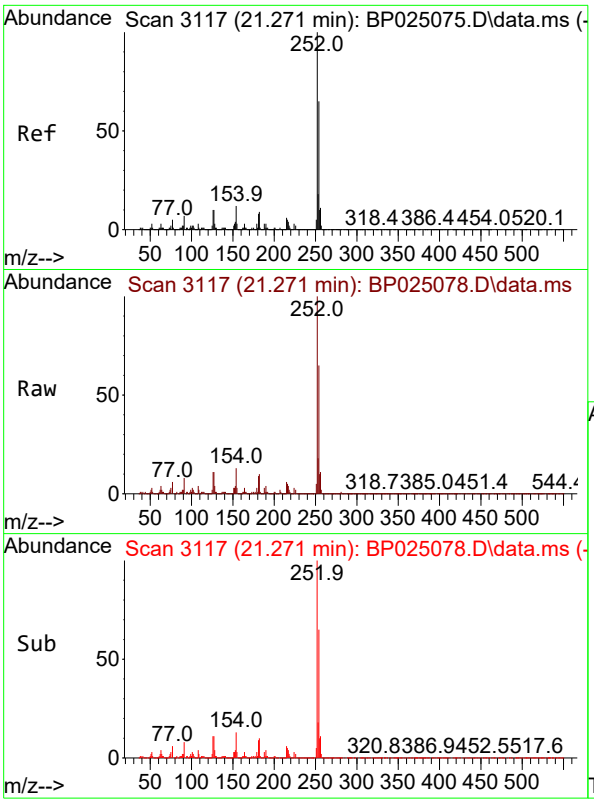


#81
Benzo(a)anthracene
Concen: 78.478 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp:10175638

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.6	16.0	24.0

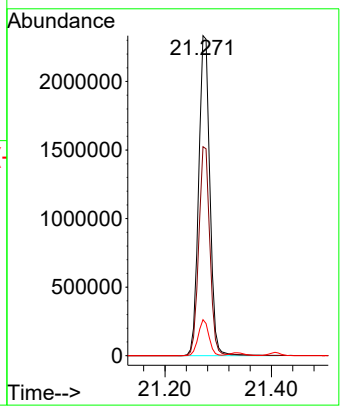




#82
3,3'-Dichlorobenzidine
Concen: 87.049 ng
RT: 21.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp: 339777

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	11.3	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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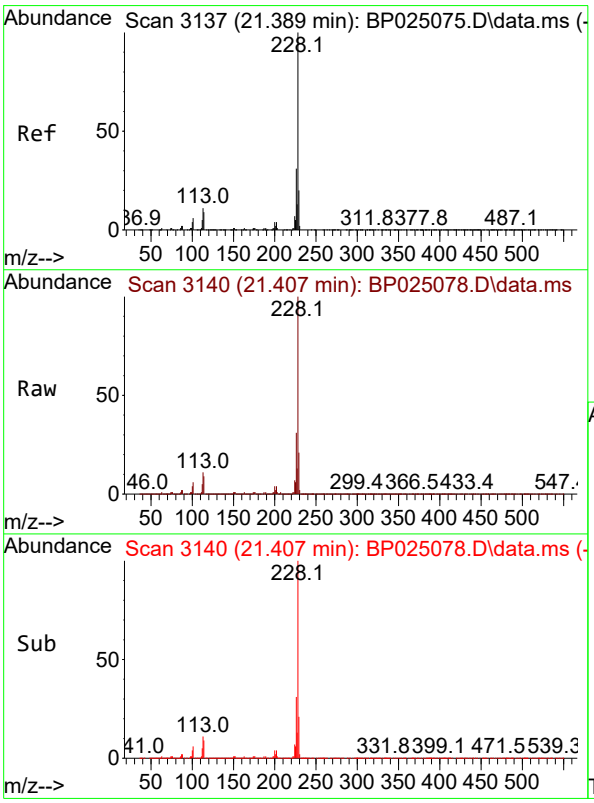
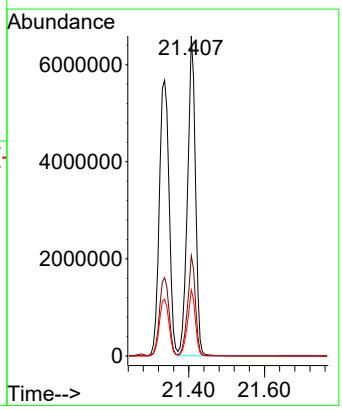
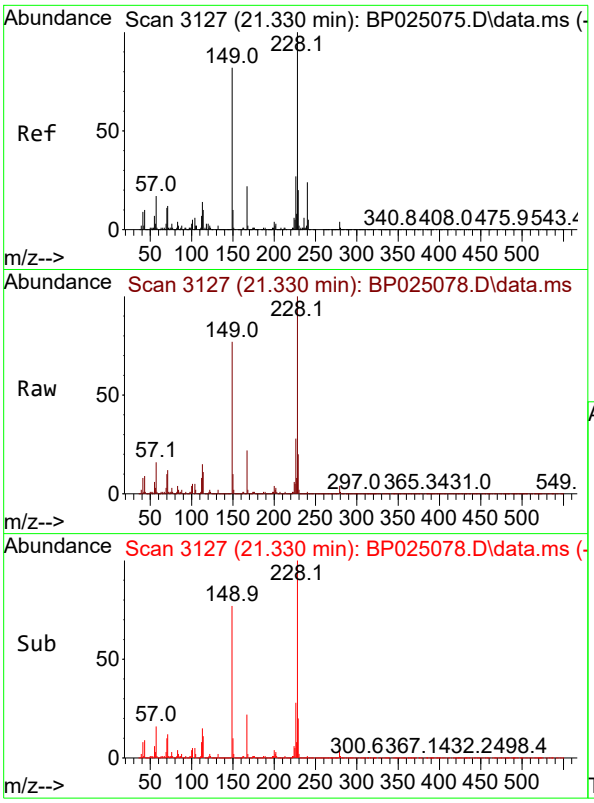


#83
Chrysene
Concen: 76.668 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp: 9566614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.6	16.0	24.0

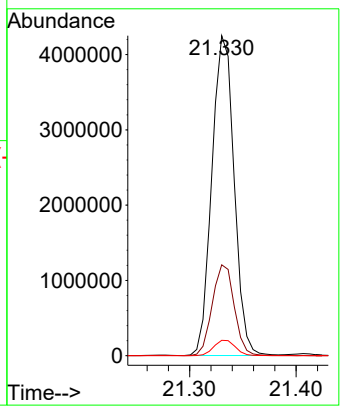




#84
Bis(2-ethylhexyl)phthalate
Concen: 88.574 ng
RT: 21.330 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 616026

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.8	3.5	5.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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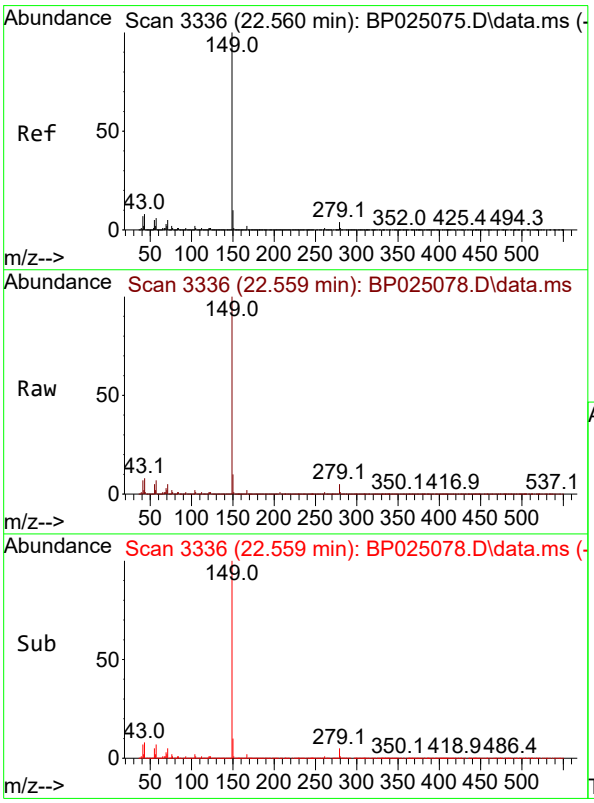
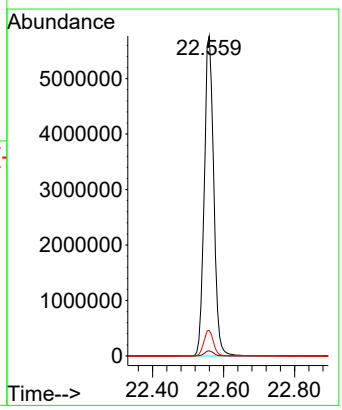
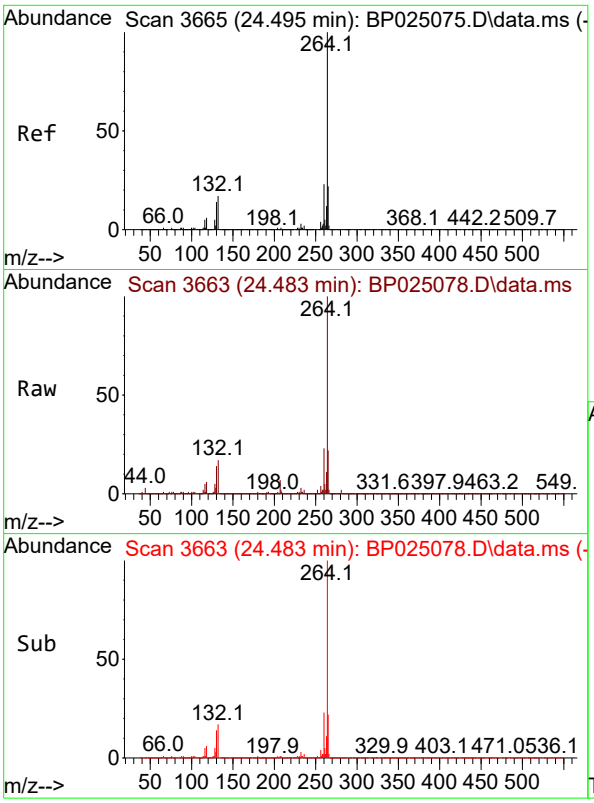


#85
Di-n-octyl phthalate
Concen: 79.212 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp:10681173

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

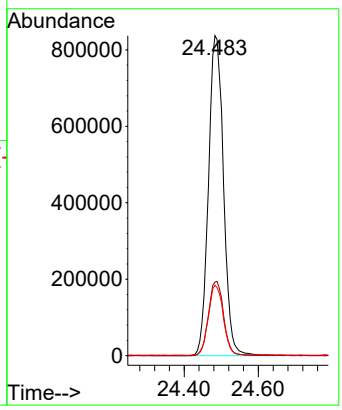




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:264 Resp: 235631

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.1	17.7	26.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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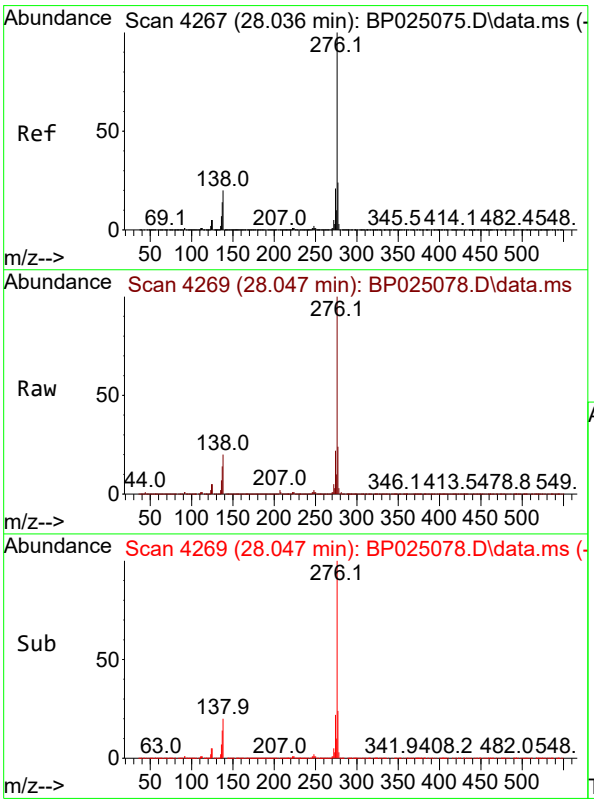
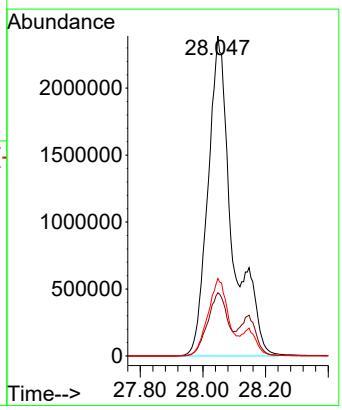
Supervised By :Jagrut Upadhyay 07/07/2025

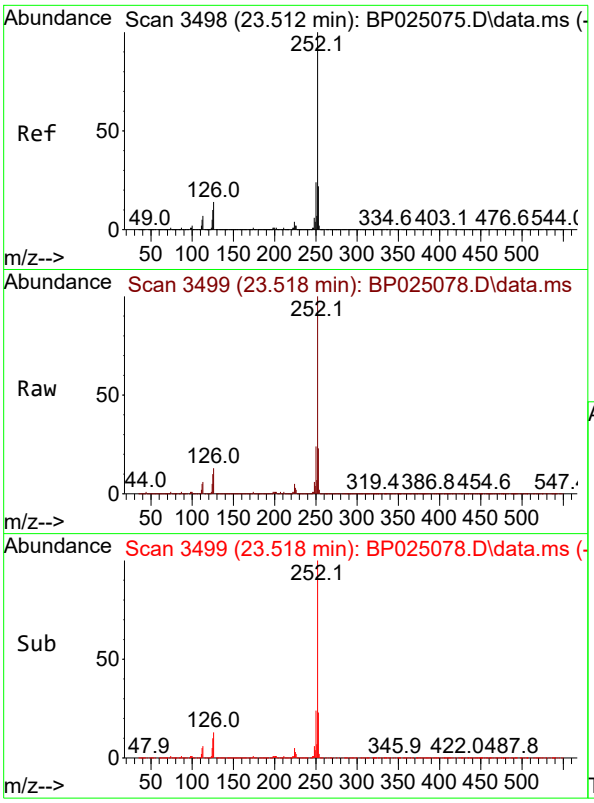


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.771 ng m
RT: 28.047 min Scan# 4269
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:12878282

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	20.5	15.9	23.9

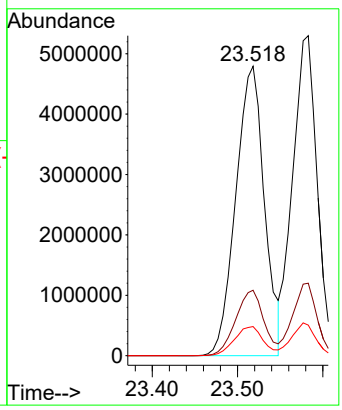




#88
Benzo(b)fluoranthene
Concen: 81.559 ng
RT: 23.518 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:1118581

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.1	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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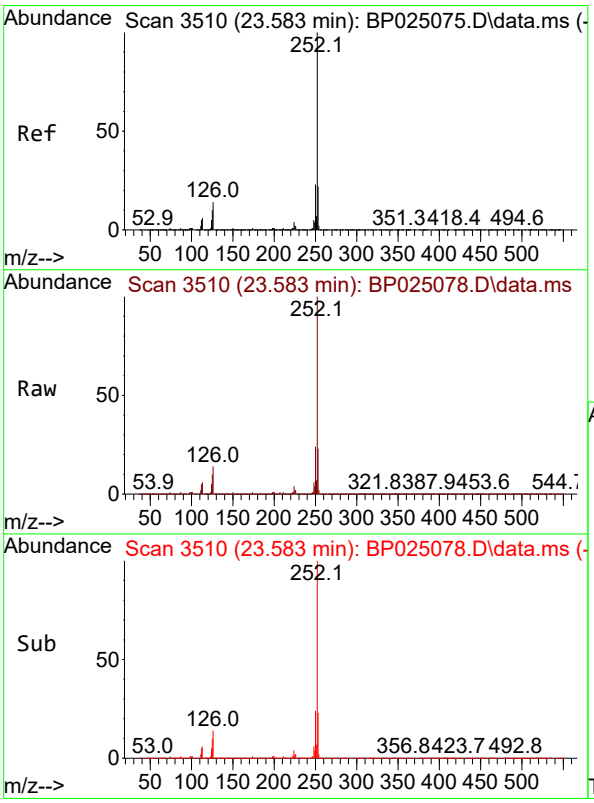
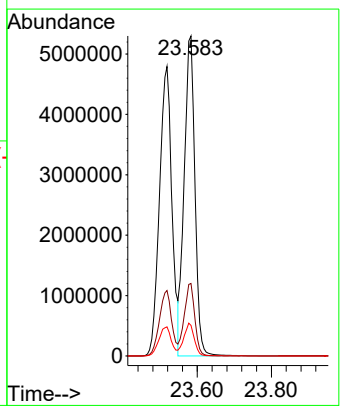
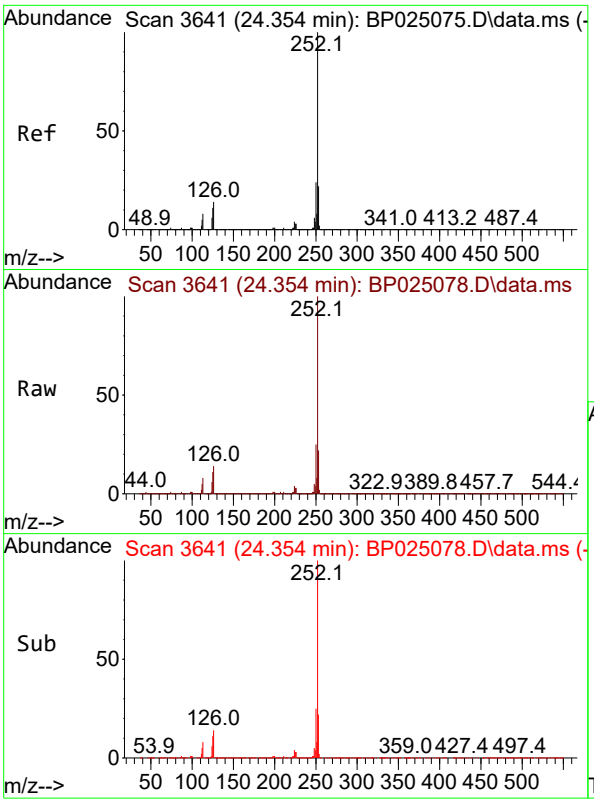


#89
Benzo(k)fluoranthene
Concen: 78.255 ng
RT: 23.583 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:10678946

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.6	8.2	12.2

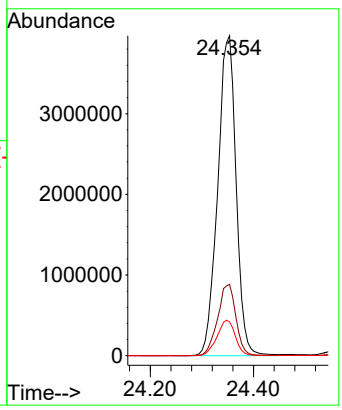




#90
Benzo(a)pyrene
Concen: 83.957 ng
RT: 24.354 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp: 980014

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.5	9.0	13.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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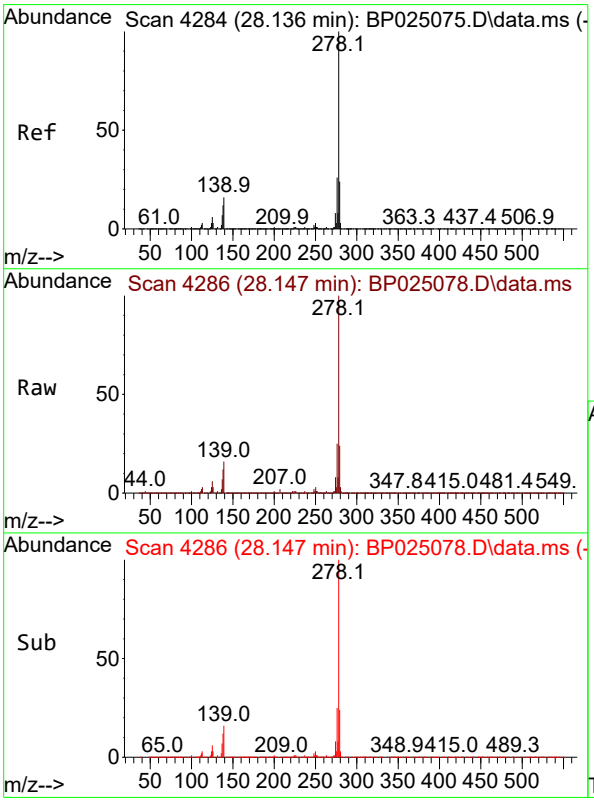
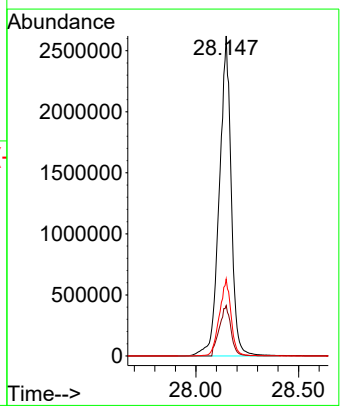
Supervised By :Jagrut Upadhyay 07/07/2025

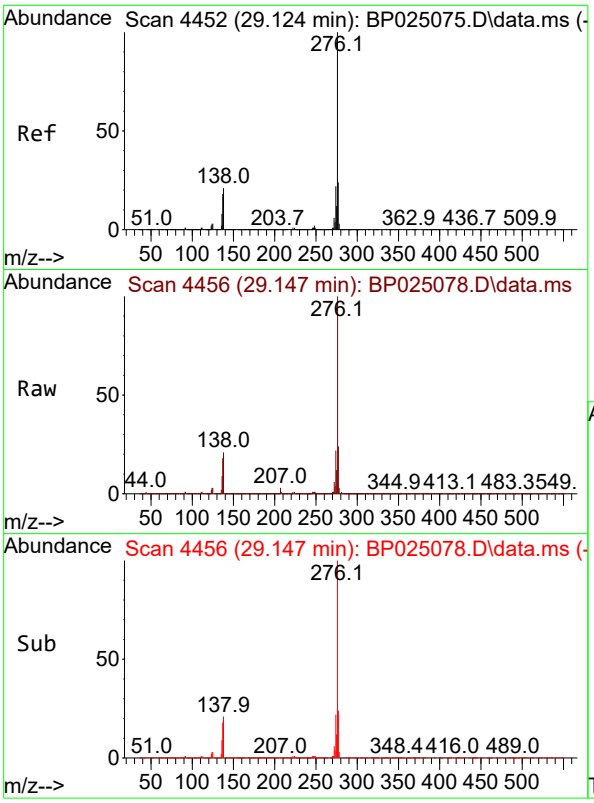


#91
Dibenzo(a,h)anthracene
Concen: 84.932 ng
RT: 28.147 min Scan# 4286
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:278 Resp:10538537

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.0	18.9	28.3

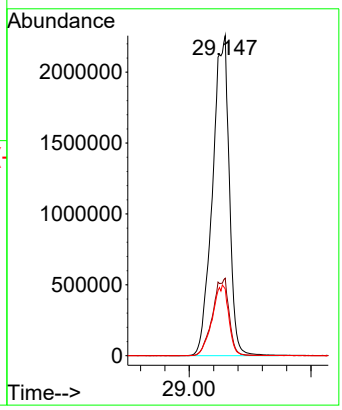




#92
Benzo(g,h,i)perylene
Concen: 83.943 ng
RT: 29.147 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:1075978

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	20.8	16.9	25.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	400883	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1637601	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1071158	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2157756	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2221808	20.000	ng	0.01
86) Perylene-d12	24.501	264	2415004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1806055	79.825	ng	0.00
7) Phenol-d6	6.631	99	2363715	80.057	ng	0.00
23) Nitrobenzene-d5	8.572	82	2040461	82.866	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1045523	82.624	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5442492	78.712	ng	0.00
79) Terphenyl-d14	19.689	244	8493260	84.014	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	332686	37.814	ng	99
3) Pyridine	3.484	79	940029	39.027	ng	98
4) n-Nitrosodimethylamine	3.402	42	397057	38.933	ng	97
6) Aniline	6.778	93	1098010	39.803	ng	100
8) 2-Chlorophenol	7.014	128	1023493	40.431	ng	99
9) Benzaldehyde	6.596	77	629753	40.841	ng	98
10) Phenol	6.655	94	1189351	39.645	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	905215	39.206	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1115941	39.389	ng	98
13) 1,4-Dichlorobenzene	7.472	146	1129771	39.387	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1075162	38.965	ng	99
15) Benzyl Alcohol	7.672	79	805339	40.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1158172	38.579	ng	98
17) 2-Methylphenol	7.872	107	786921	40.721	ng	100
18) Hexachloroethane	8.496	117	374849	40.115	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	709521	40.521	ng	99
20) 3+4-Methylphenols	8.196	107	1093973	40.415	ng	99
22) Acetophenone	8.243	105	1510122	38.992	ng	99
24) Nitrobenzene	8.613	77	1012505	40.369	ng	97
25) Isophorone	9.125	82	1857268	40.360	ng	100
26) 2-Nitrophenol	9.308	139	488721	40.694	ng	99
27) 2,4-Dimethylphenol	9.378	122	692324	40.332	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1236294	39.567	ng	99
29) 2,4-Dichlorophenol	9.837	162	985707	41.412	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1043043	39.571	ng	97
31) Naphthalene	10.231	128	3302943	39.170	ng	100
32) Benzoic acid	9.502	122	684343	40.952	ng	97
33) 4-Chloroaniline	10.343	127	1265959	40.229	ng	99
34) Hexachlorobutadiene	10.537	225	607380	40.154	ng	99
35) Caprolactam	11.107	113	332744	40.864	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	1018998	40.967	ng	98
37) 2-Methylnaphthalene	11.866	142	2340864	39.345	ng	100
38) 1-Methylnaphthalene	12.084	142	2280444	39.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1233612	40.072	ng	100
41) Hexachlorocyclopentadiene	12.237	237	345683	42.989	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	794957	42.646	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	894337	42.335	ng	98
46) 1,1'-Biphenyl	12.907	154	3042013	39.032	ng	100
47) 2-Chloronaphthalene	12.943	162	2296829	39.210	ng	99
48) 2-Nitroaniline	13.149	65	565340	39.894	ng	97
49) Acenaphthylene	13.807	152	3624825	40.431	ng	100
50) Dimethylphthalate	13.560	163	3009077	40.131	ng	99
51) 2,6-Dinitrotoluene	13.660	165	627637	42.919	ng	99
52) Acenaphthene	14.160	154	2271995m	39.318	ng	
53) 3-Nitroaniline	13.990	138	680440	43.418	ng	98
54) 2,4-Dinitrophenol	14.201	184	265751	40.066	ng	97
55) Dibenzofuran	14.507	168	3740234	39.220	ng	100
56) 4-Nitrophenol	14.313	139	612774	42.369	ng	97
57) 2,4-Dinitrotoluene	14.466	165	846954	39.932	ng	95
58) Fluorene	15.166	166	2925541	39.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	811401	42.414	ng	99
60) Diethylphthalate	14.972	149	3056611	40.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1430883	39.198	ng	98
62) 4-Nitroaniline	15.184	138	715671	43.550	ng	97
63) Azobenzene	15.472	77	2587410	38.583	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	379707	39.754	ng	97
66) n-Nitrosodiphenylamine	15.401	169	2472464	40.039	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	894455	40.486	ng	96
68) Hexachlorobenzene	16.201	284	1066631	39.499	ng	99
69) Atrazine	16.390	200	739881	40.888	ng	98
70) Pentachlorophenol	16.548	266	774549	42.471	ng	98
71) Phenanthrene	16.948	178	4552722	39.487	ng	100
72) Anthracene	17.060	178	4467088	40.385	ng	99
73) Carbazole	17.331	167	4335399	40.086	ng	100
74) Di-n-butylphthalate	17.966	149	5149955	42.761	ng	100
75) Fluoranthene	19.060	202	5415104	40.180	ng	99
77) Benzidine	19.272	184	2058569	52.461	ng	99
78) Pyrene	19.436	202	5698991	41.413	ng	100
80) Butylbenzylphthalate	20.442	149	2138437	40.921	ng	97
81) Benzo(a)anthracene	21.336	228	5501070	40.856	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	1808957	44.629	ng	100
83) Chrysene	21.401	228	5211272	40.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	3299494	45.685	ng	99
85) Di-n-octyl phthalate	22.566	149	5256676	40.750	ng	100
87) Indeno(1,2,3-cd)pyrene	28.048	276	6494157m	42.211	ng	
88) Benzo(b)fluoranthene	23.519	252	5782492	41.137	ng	100
89) Benzo(k)fluoranthene	23.589	252	5590808	39.974	ng	100
90) Benzo(a)pyrene	24.354	252	4952570	41.397	ng	100
91) Dibenzo(a,h)anthracene	28.130	278	5394843	42.422	ng	99
92) Benzo(g,h,i)perylene	29.148	276	5498609	41.855	ng	99

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

ICAL Form

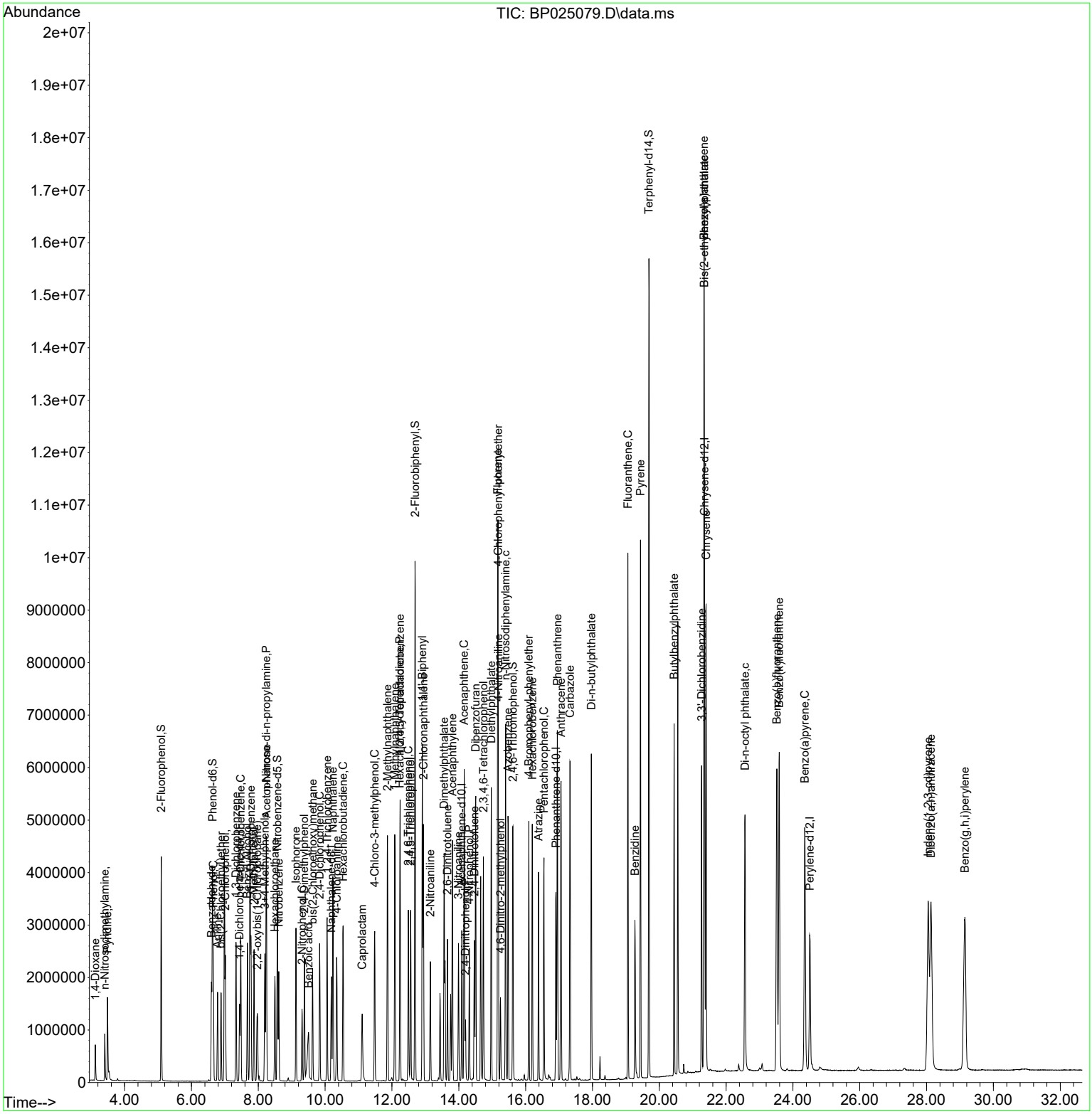
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

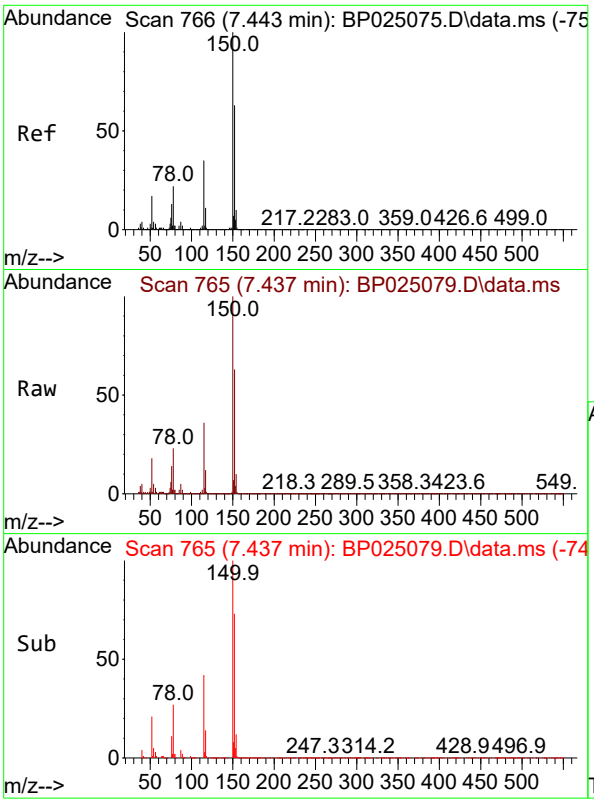
Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations APPROVED

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

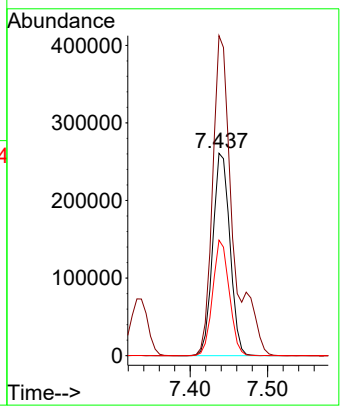




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:152 Resp: 40088

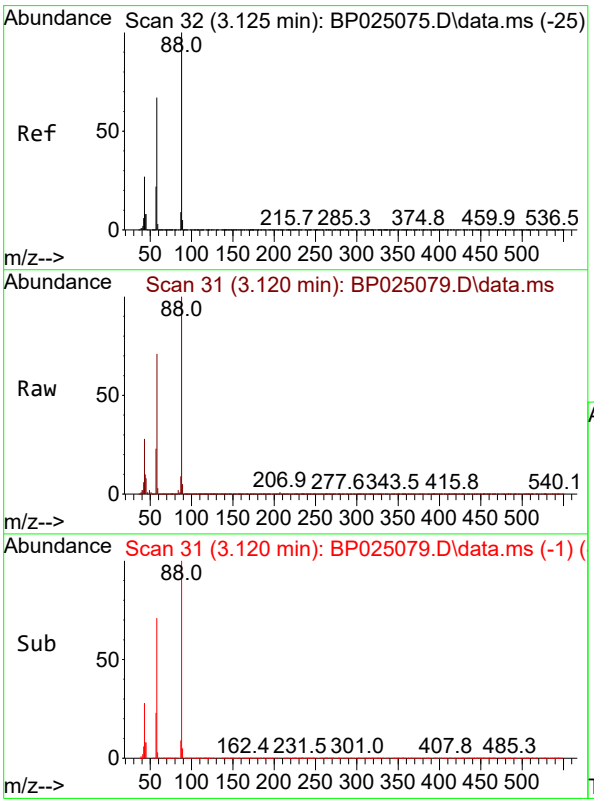
Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	57.1	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

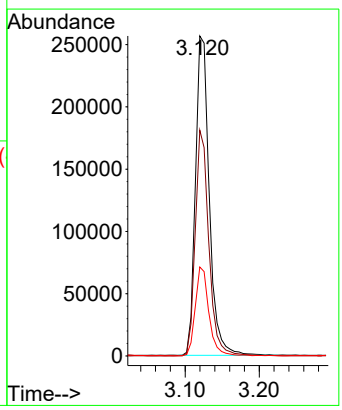
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

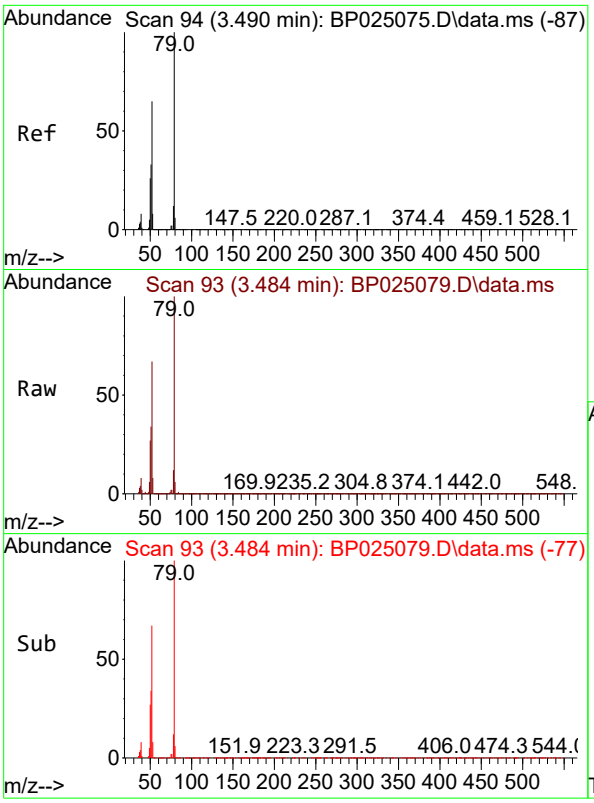


#2
1,4-Dioxane
Concen: 37.814 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 88 Resp: 332686

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	27.7	21.9	32.9

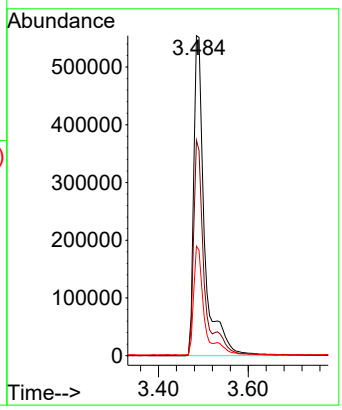




#3
Pyridine
Concen: 39.027 ng
RT: 3.484 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 79 Resp: 94002

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	34.2	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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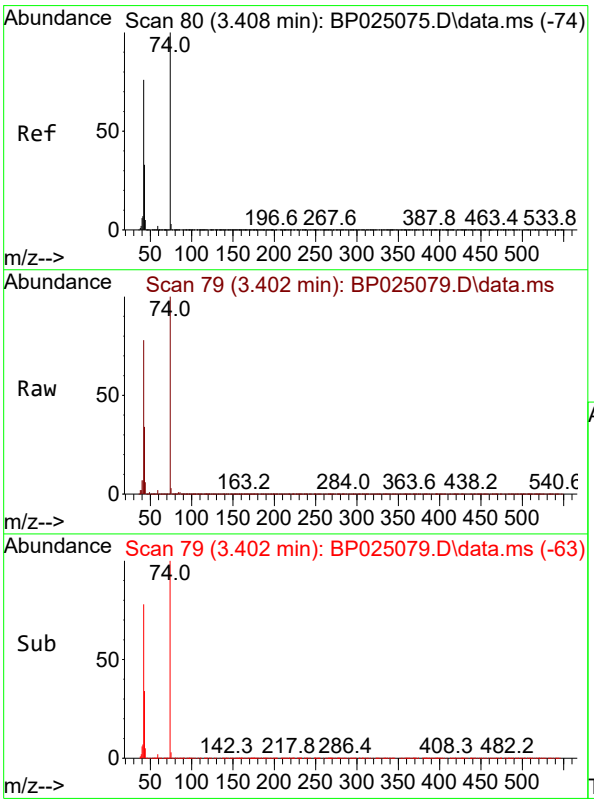
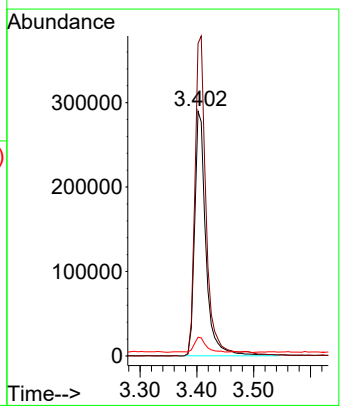
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

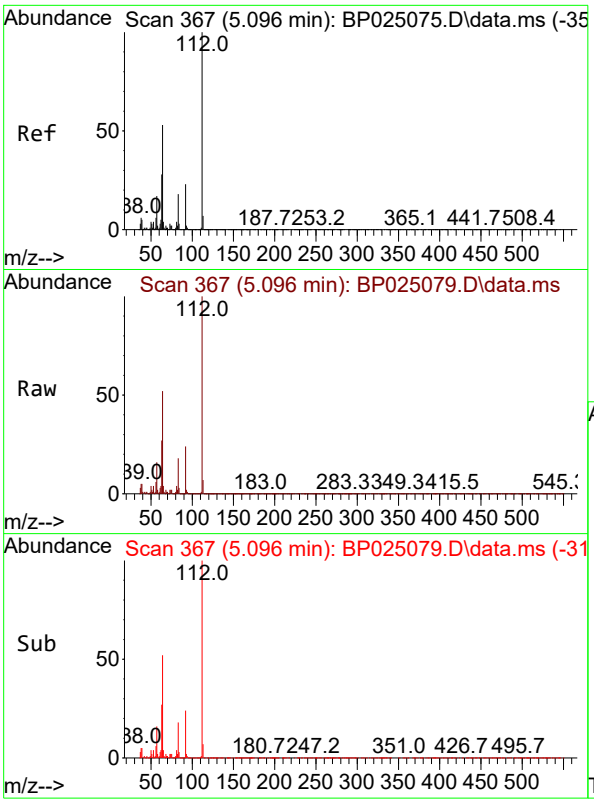


#4
n-Nitrosodimethylamine
Concen: 38.933 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 42 Resp: 397057

Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.2	157.8
44	7.7	6.6	9.8

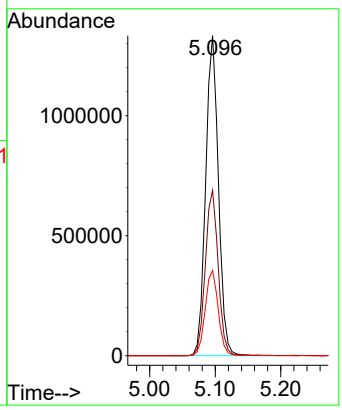




#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:112 Resp: 180605

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	26.6	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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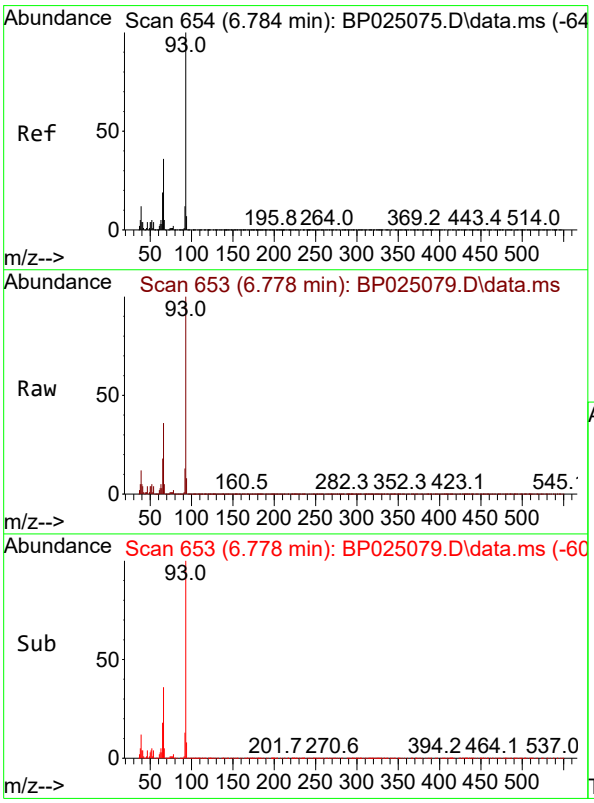
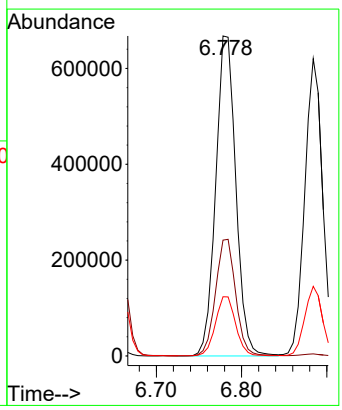
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

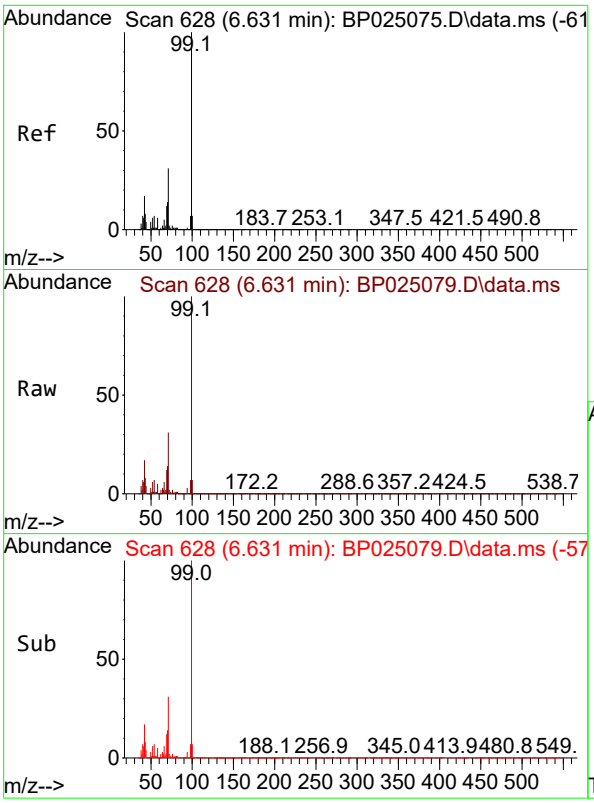


#6
Aniline
Concen: 39.803 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1098010

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.9	43.3
65	18.5	15.2	22.8

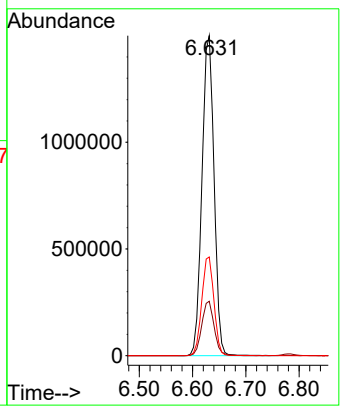




#7
Phenol-d6
Concen: 80.057 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 99 Resp: 236371

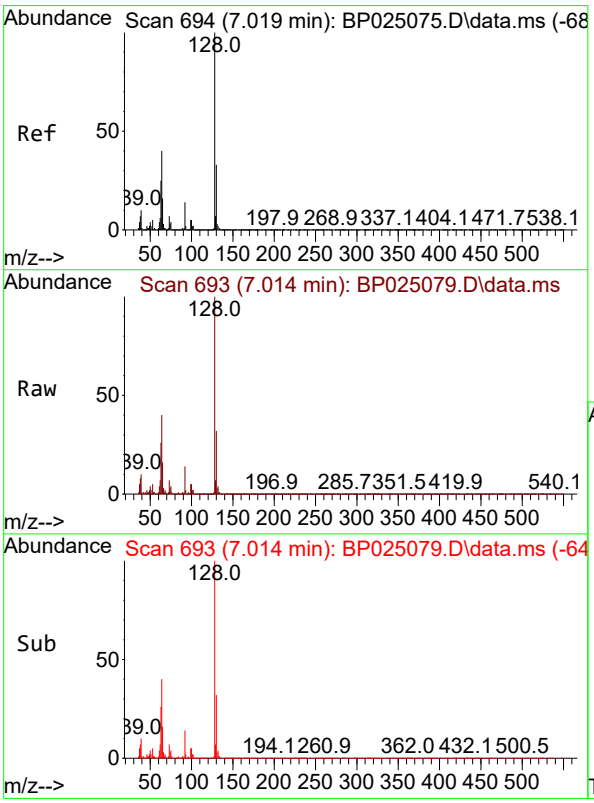
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.9	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

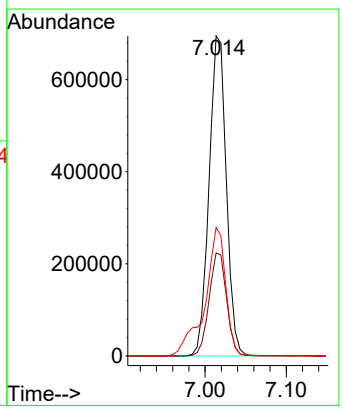
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

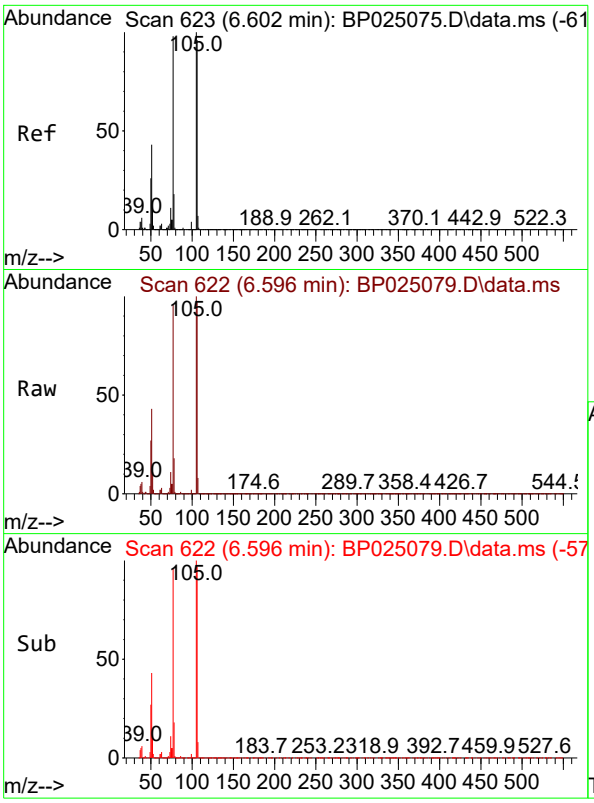


#8
2-Chlorophenol
Concen: 40.431 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 1023493

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	40.2	20.3	60.3

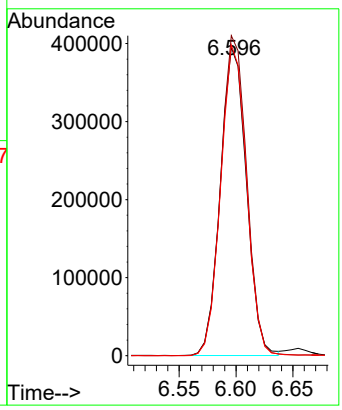




#9
Benzaldehyde
Concen: 40.841 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 62975

Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.8	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

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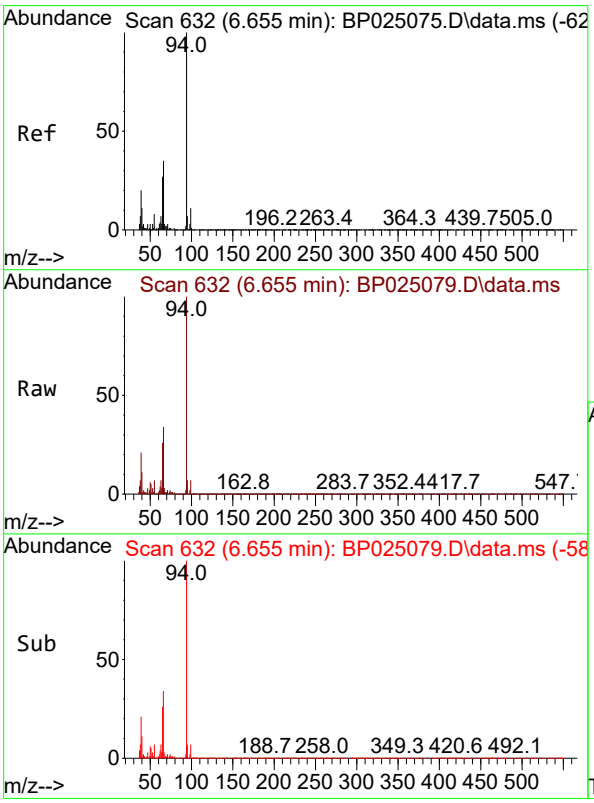
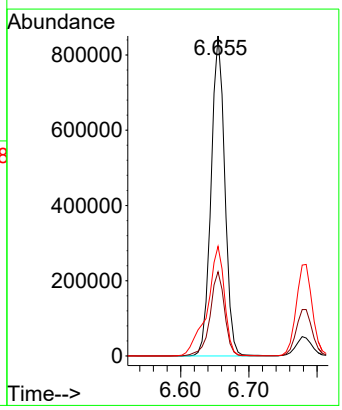
Supervised By :Jagrut Upadhyay 07/07/2025

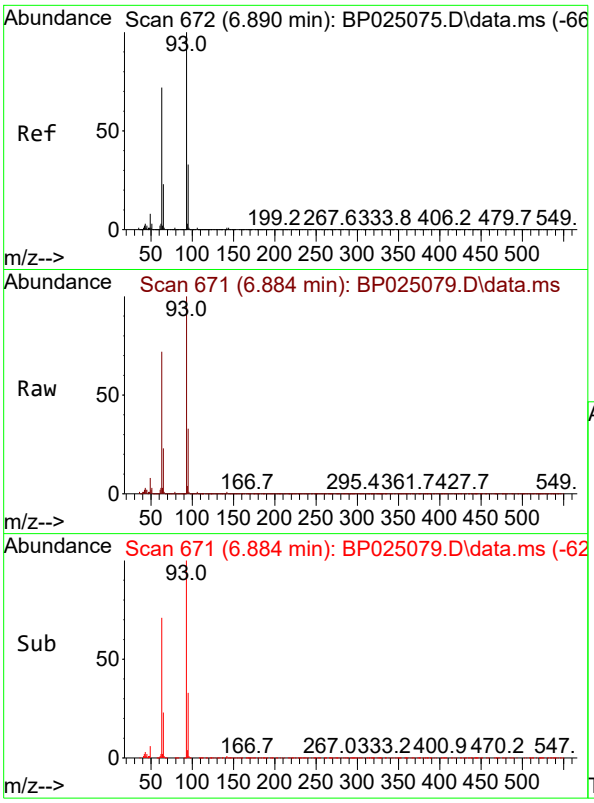


#10
Phenol
Concen: 39.645 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 94 Resp: 1189351

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.2	14.6	54.6

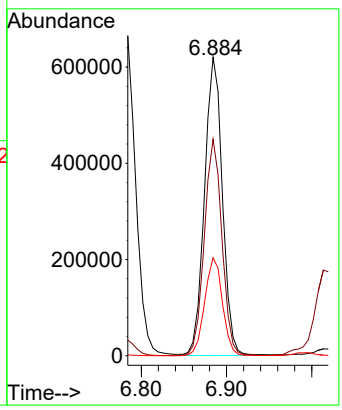




#11
bis(2-Chloroethyl)ether
Concen: 39.206 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 90521

Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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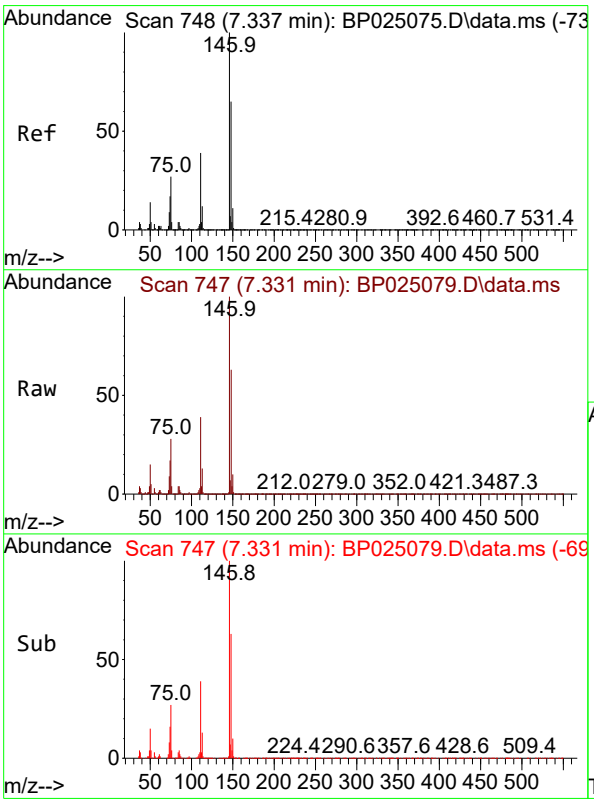
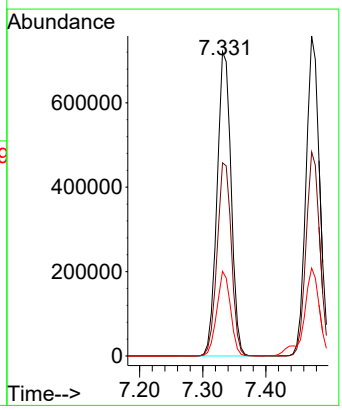
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

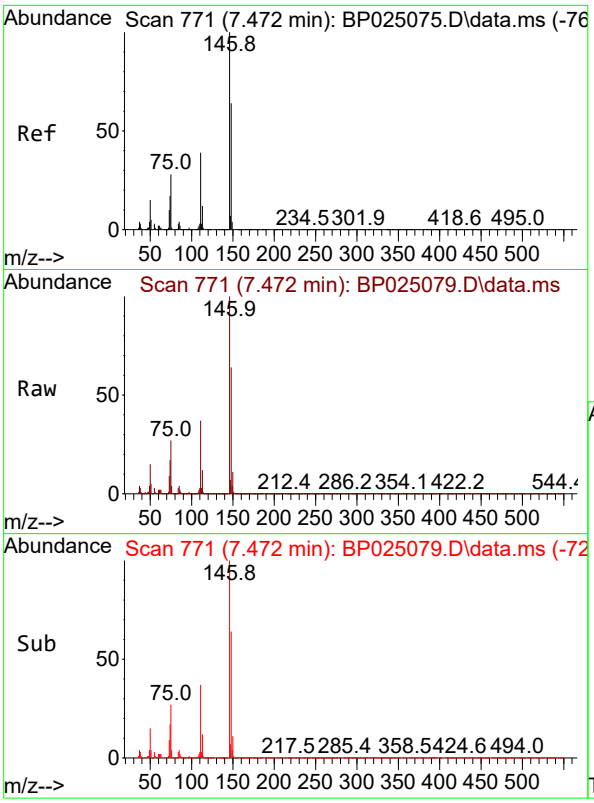


#12
1,3-Dichlorobenzene
Concen: 39.389 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1115941

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	27.8	21.8	32.6

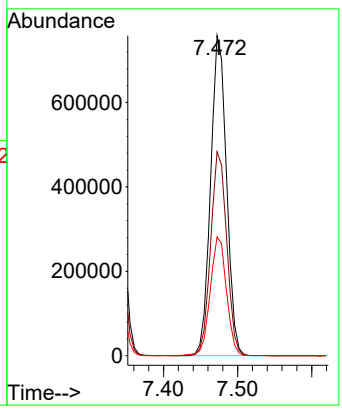




#13
1,4-Dichlorobenzene
Concen: 39.387 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 112977

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
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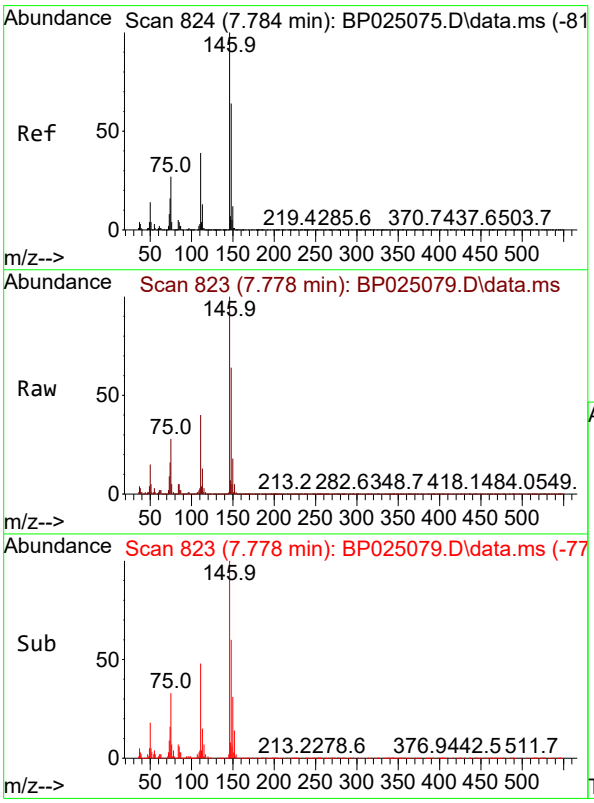
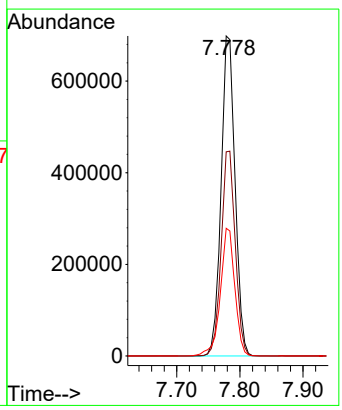
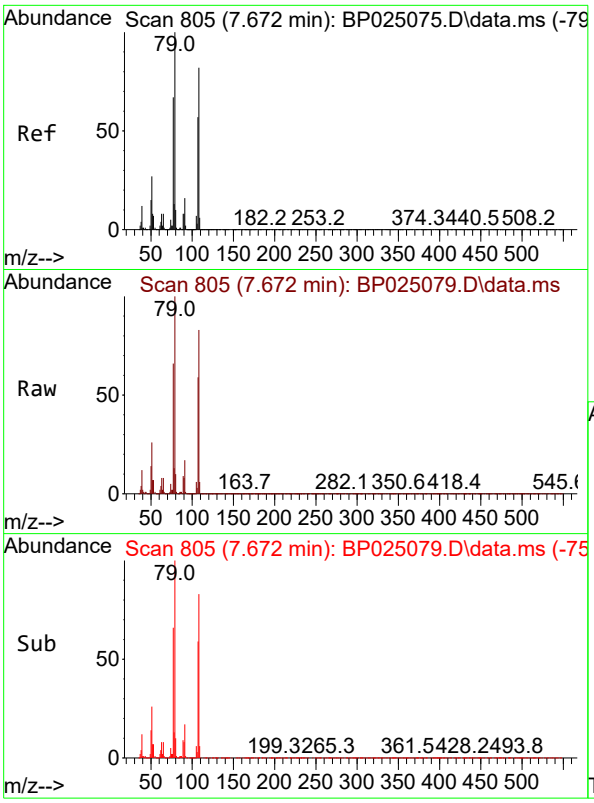


#14
1,2-Dichlorobenzene
Concen: 38.965 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1075162

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	39.9	31.2	46.8





#15
Benzyl Alcohol
Concen: 40.867 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 79 Resp: 80533(

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.0	99.0
77	65.7	53.4	80.2

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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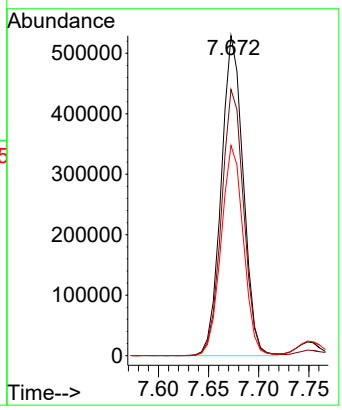
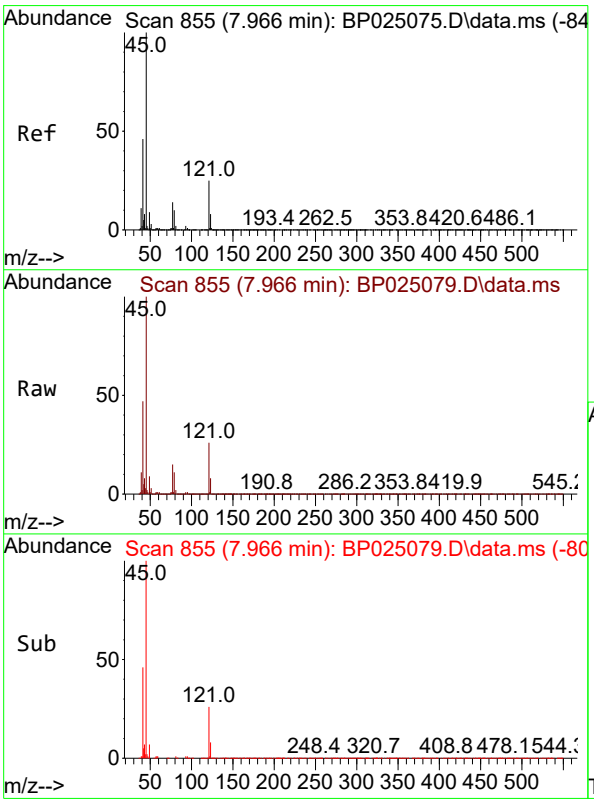
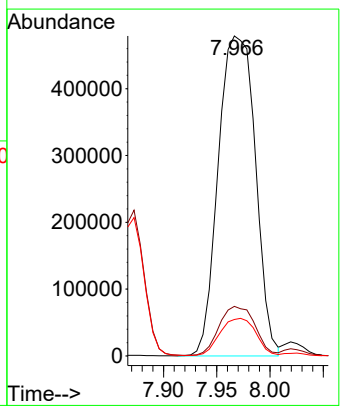


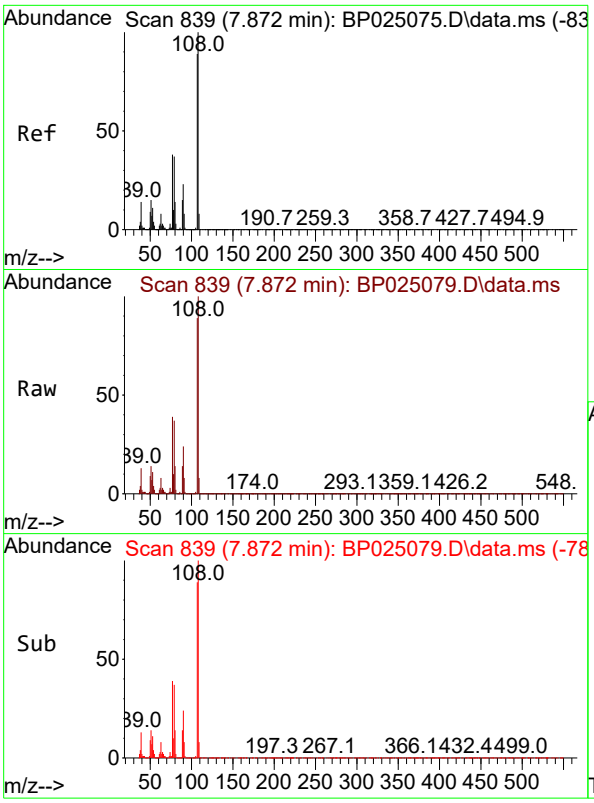


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 45 Resp: 1158172

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.4	0.0	30.7

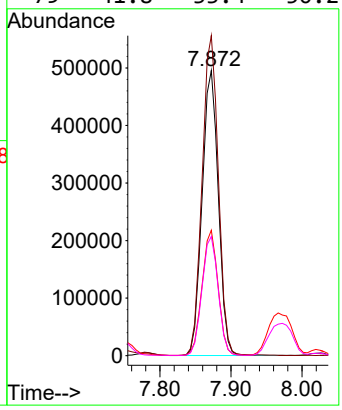




#17
2-Methylphenol
Concen: 40.721 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 78692

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	44.0	34.2	51.4
79	41.8	33.4	50.2



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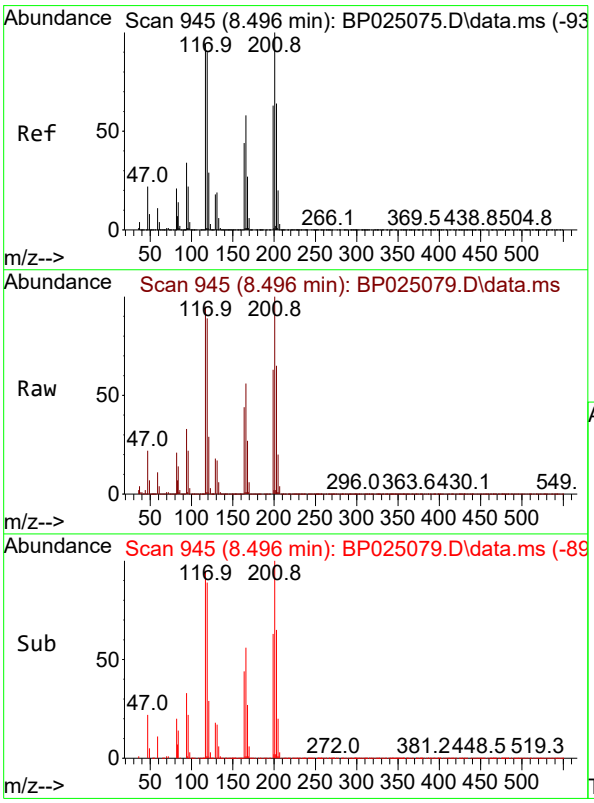
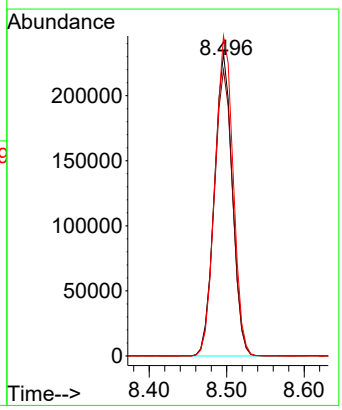
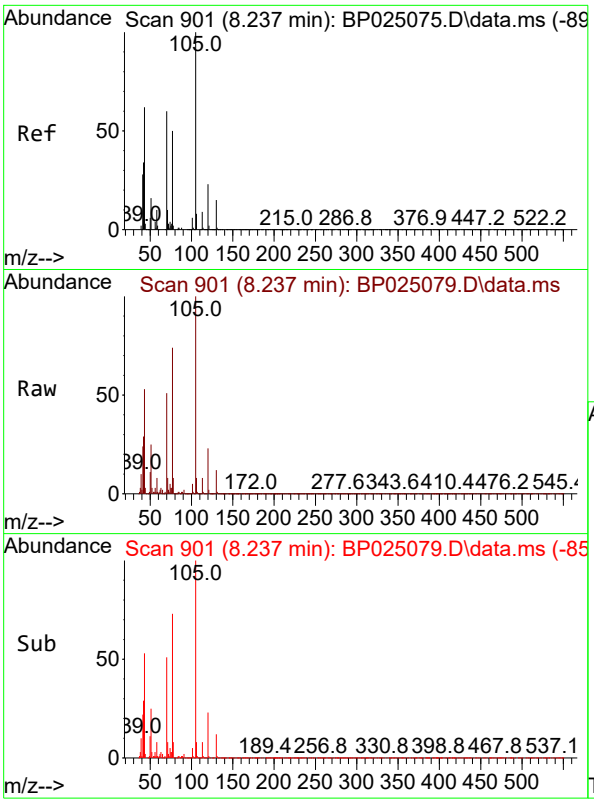


#18
Hexachloroethane
Concen: 40.115 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:117 Resp: 374849

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	105.8	85.4	128.2

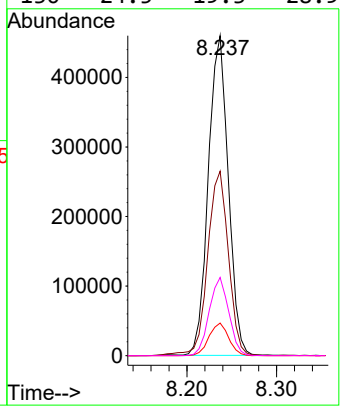




#19
n-Nitroso-di-n-propylamine
Concen: 40.521 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 70 Resp: 70952

Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.5	69.7
101	10.2	7.9	11.9
130	24.5	19.3	28.9



Instrument :
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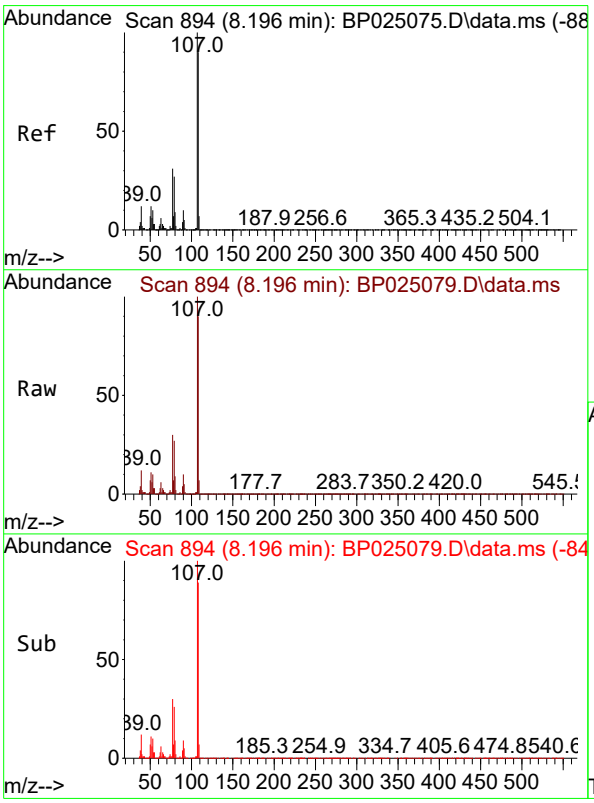
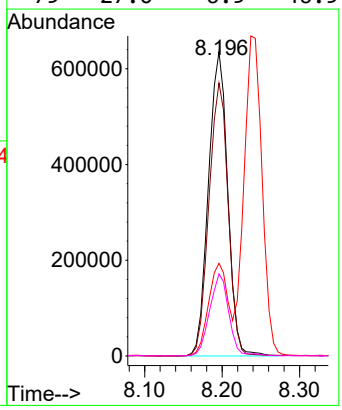
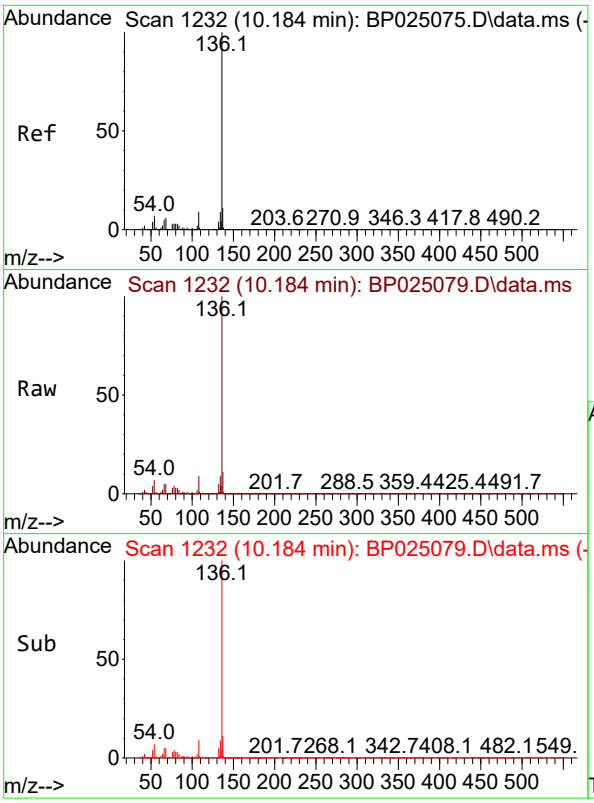


#20
3+4-Methylphenols
Concen: 40.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1093973

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	30.5	11.4	51.4
79	27.0	6.9	46.9

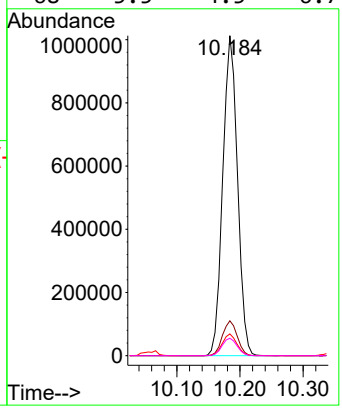




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:136 Resp: 163760

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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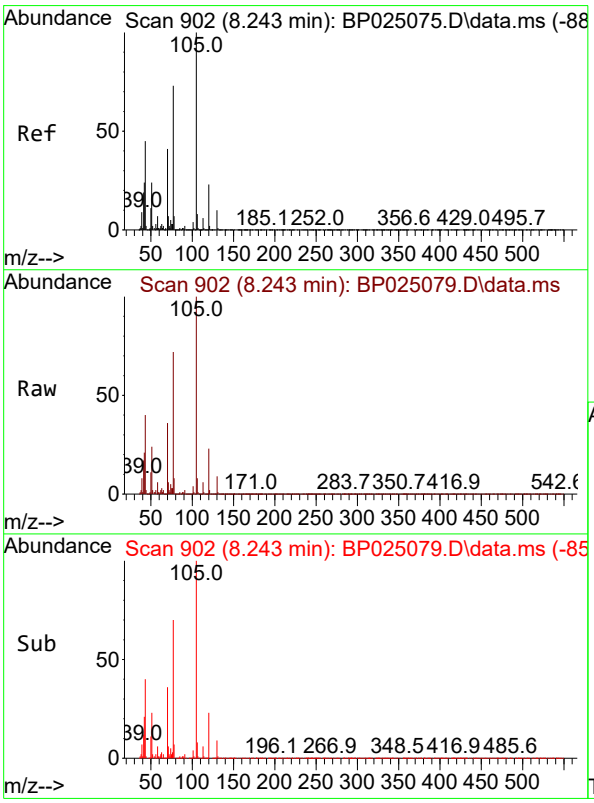
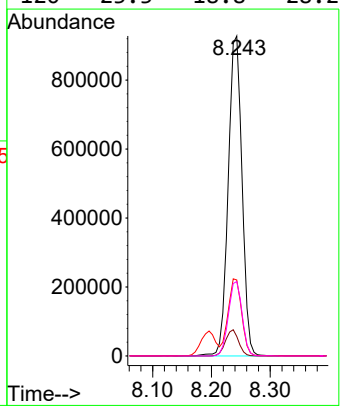
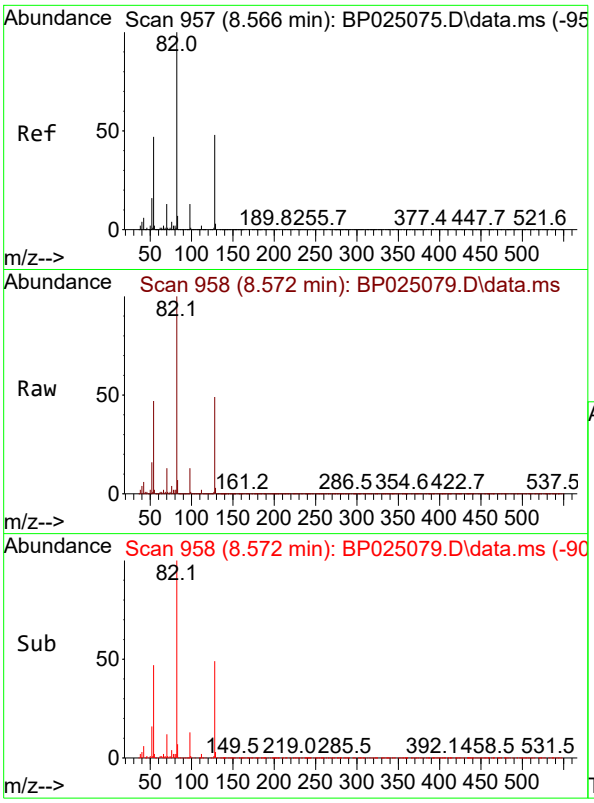


#22
Acetophenone
Concen: 38.992 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:105 Resp: 1510122

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.2
51	23.8	19.6	29.4
120	23.3	18.8	28.2

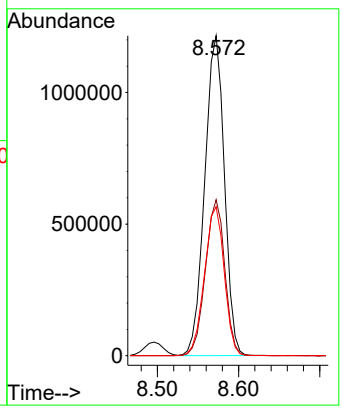




#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 82 Resp: 204046

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.4	57.6
54	46.6	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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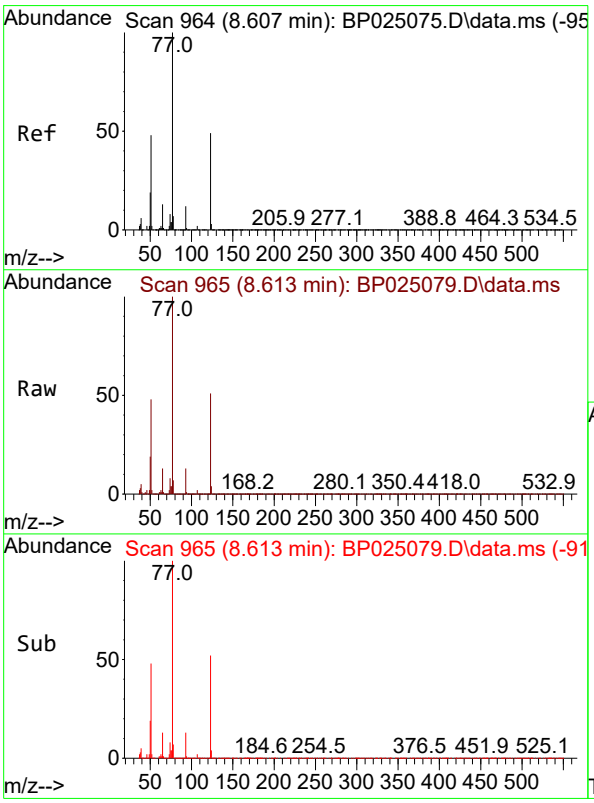
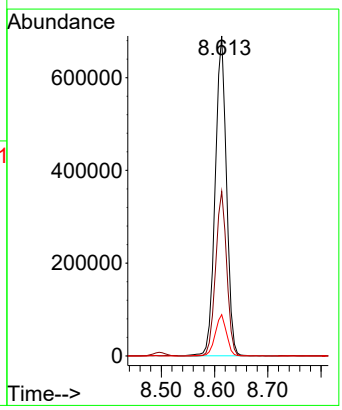
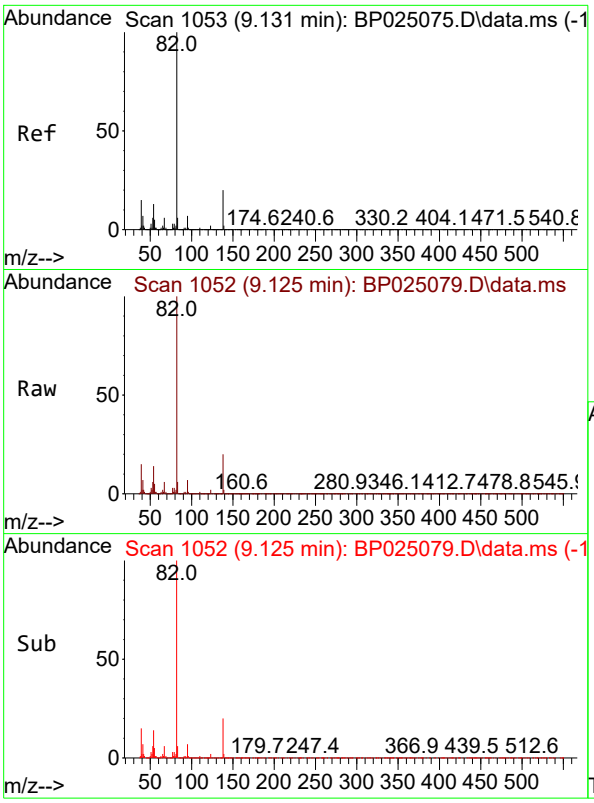


#24
Nitrobenzene
Concen: 40.369 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 1012505

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	12.9	10.7	16.1

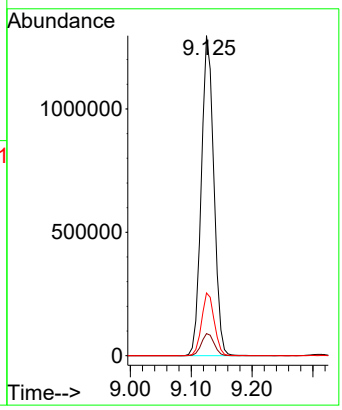




#25
Isophorone
Concen: 40.360 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 82 Resp: 185726

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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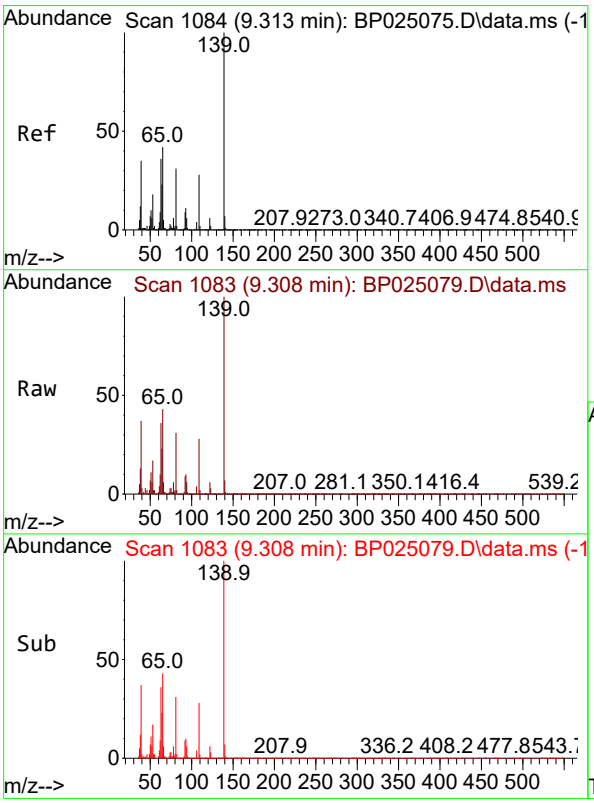
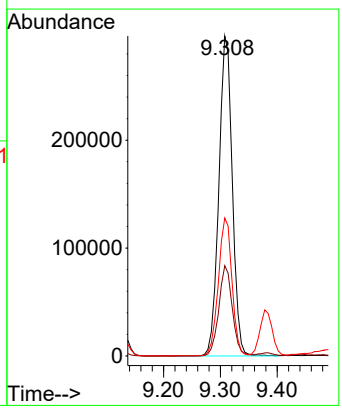
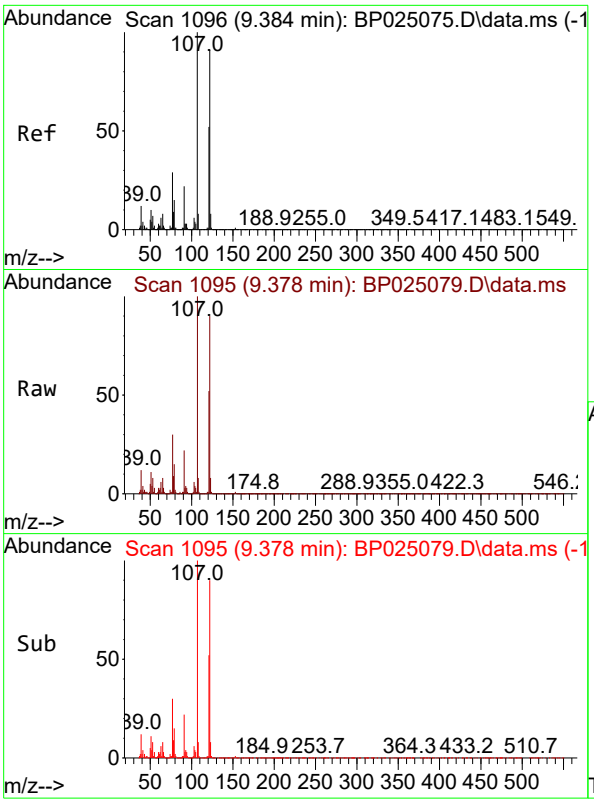


#26
2-Nitrophenol
Concen: 40.694 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 488721

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.3	33.5
65	43.1	33.8	50.8

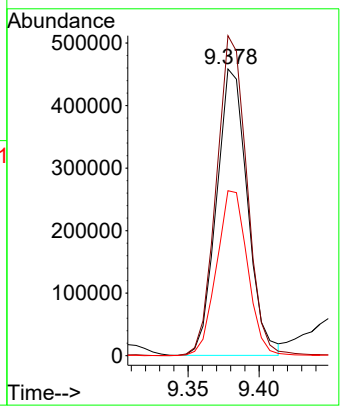




#27
2,4-Dimethylphenol
Concen: 40.332 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 69232

Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.2	132.2
121	57.5	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
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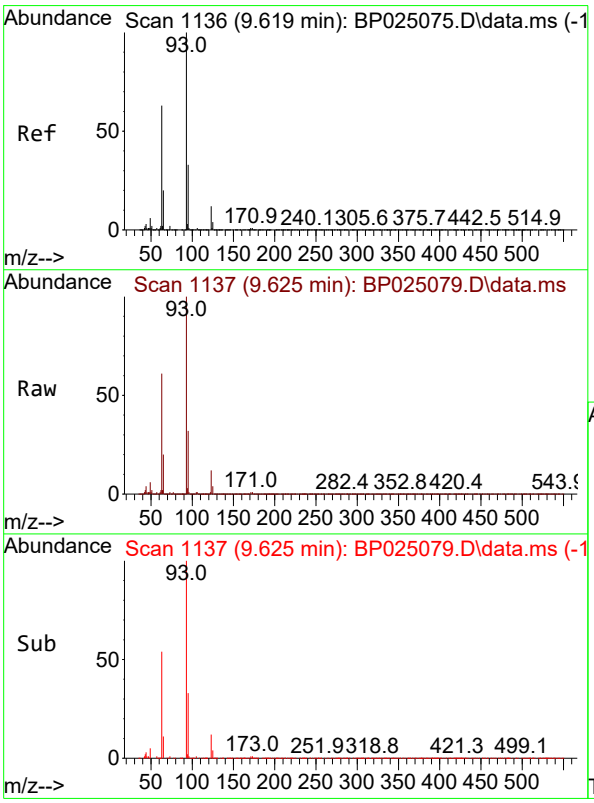
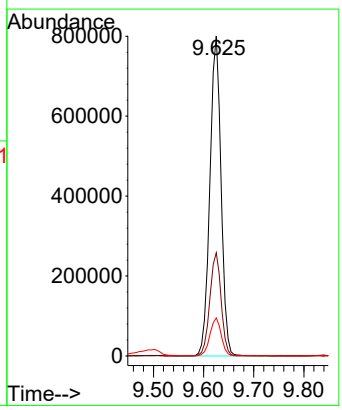
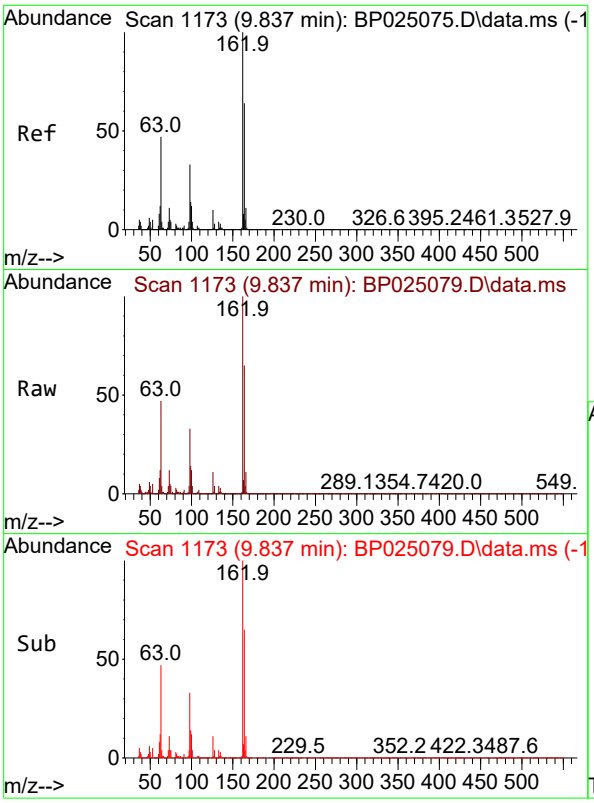


#28
bis(2-Chloroethoxy)methane
Concen: 39.567 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1236294

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 41.412 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:162 Resp: 98570

Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.4	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
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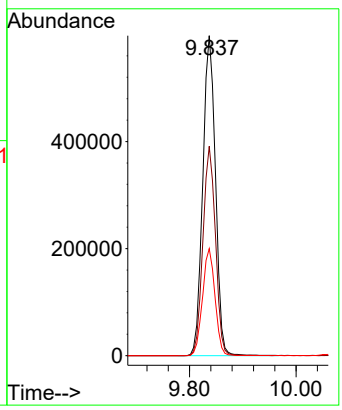
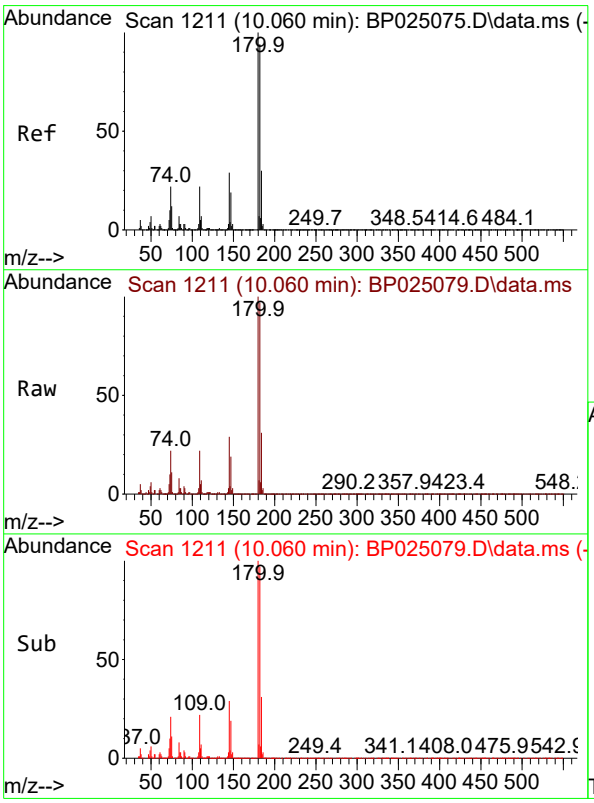
Supervised By :Jagrut Upadhyay 07/07/2025

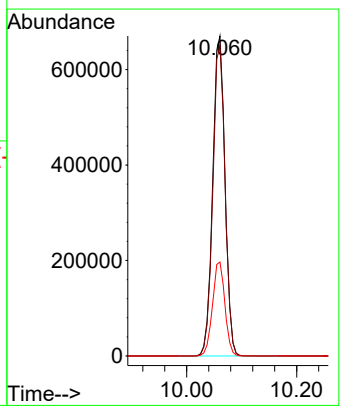


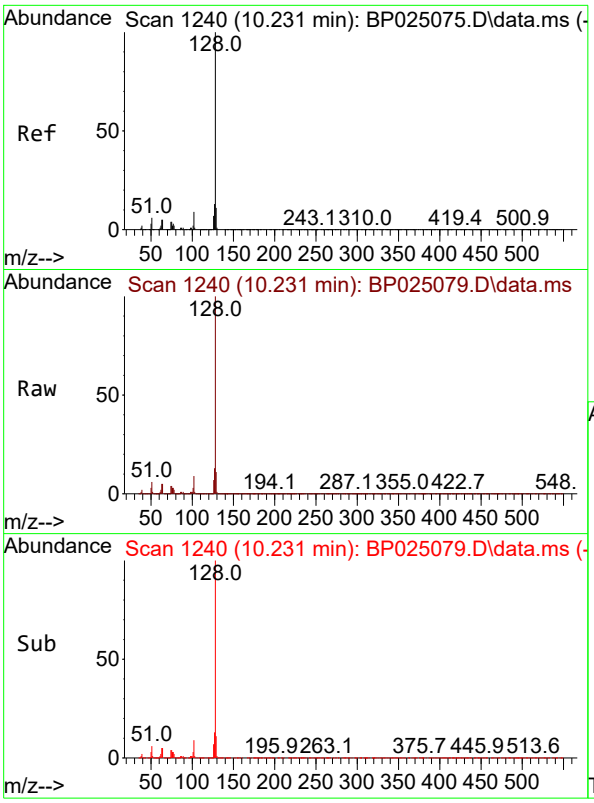


#30
1,2,4-Trichlorobenzene
Concen: 39.571 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:180 Resp: 1043043

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.4	23.3	34.9

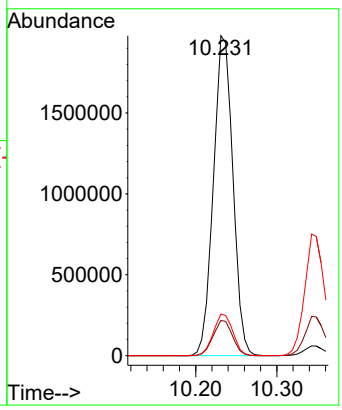




#31
Naphthalene
Concen: 39.170 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 330294

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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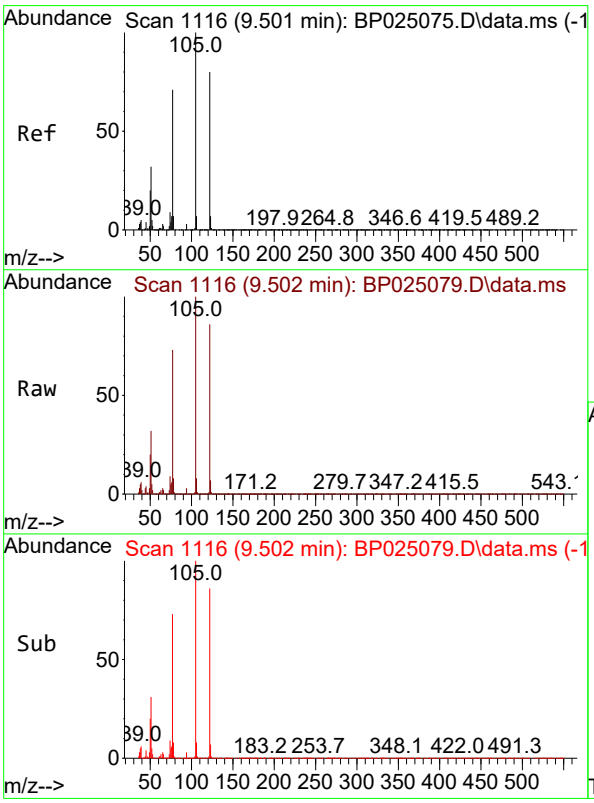
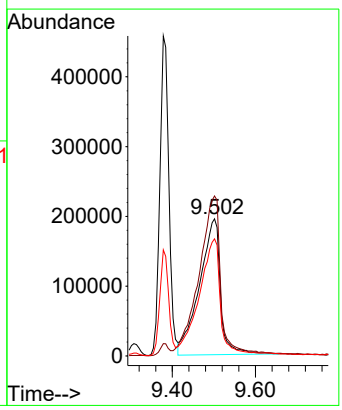
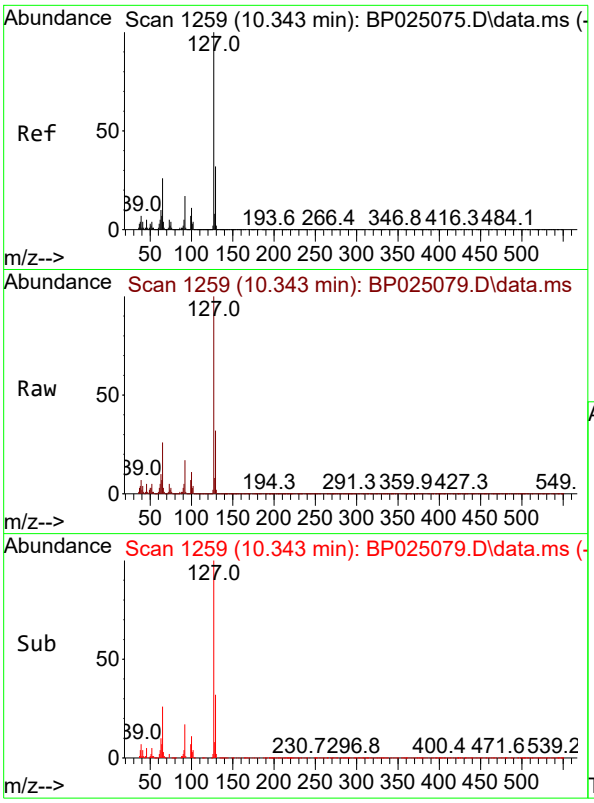


#32
Benzoic acid
Concen: 40.952 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 684343

Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.0	141.0
77	85.5	67.6	107.6

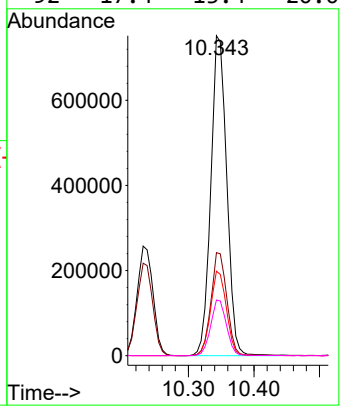




#33
4-Chloroaniline
Concen: 40.229 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:127 Resp: 126595

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	26.4	21.0	31.6
92	17.4	13.4	20.0



Instrument :
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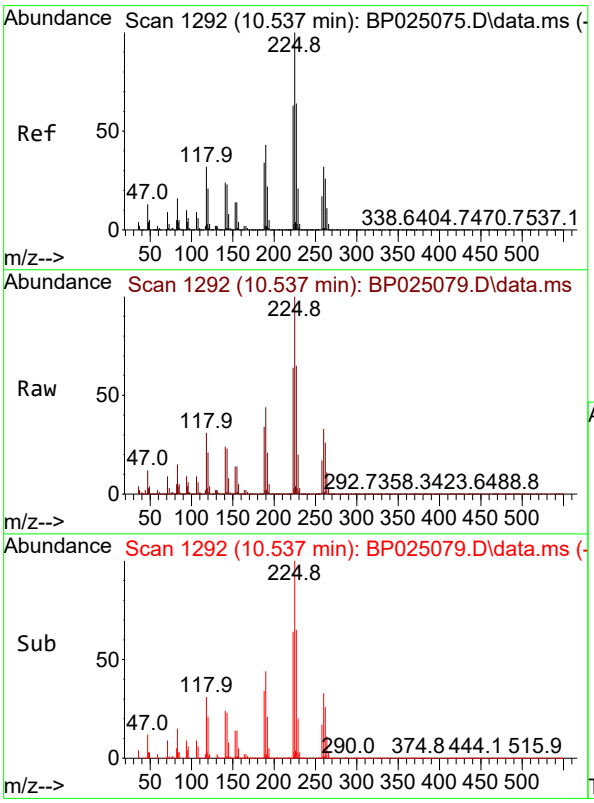
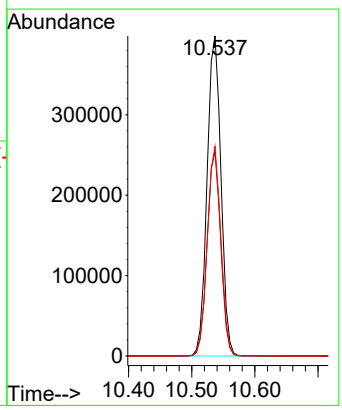
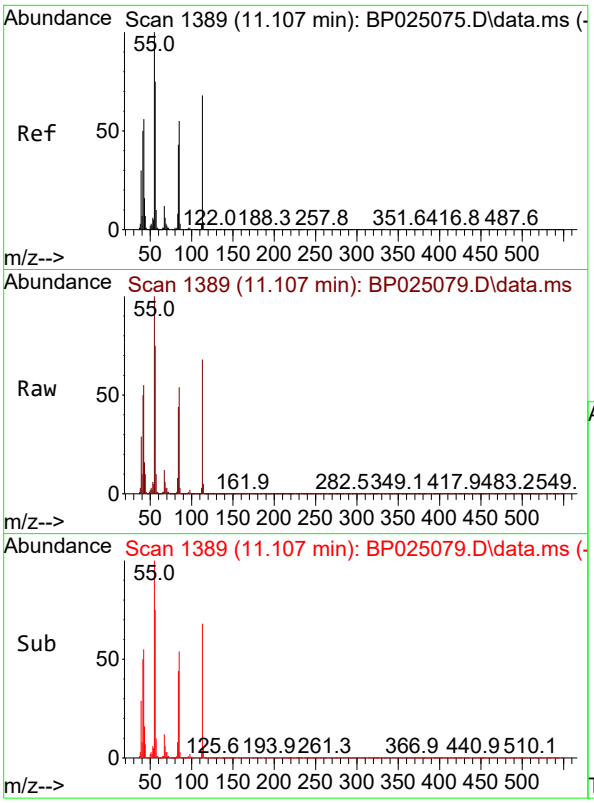


#34
Hexachlorobutadiene
Concen: 40.154 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:225 Resp: 607380

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.5	51.3	76.9

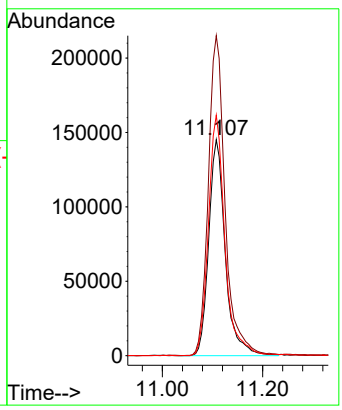




#35
Caprolactam
Concen: 40.864 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:113 Resp: 33274

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	111.3	90.7	130.7



Instrument :
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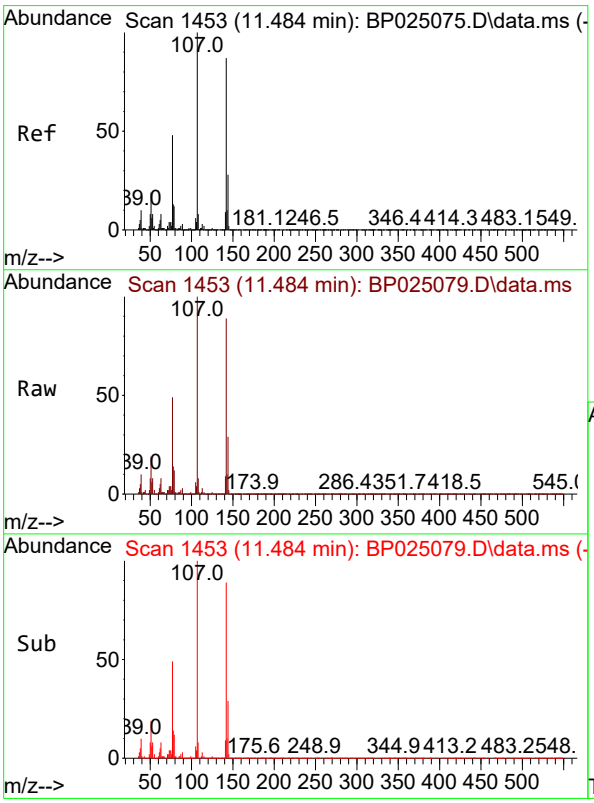
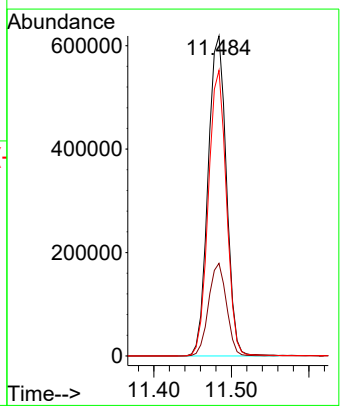
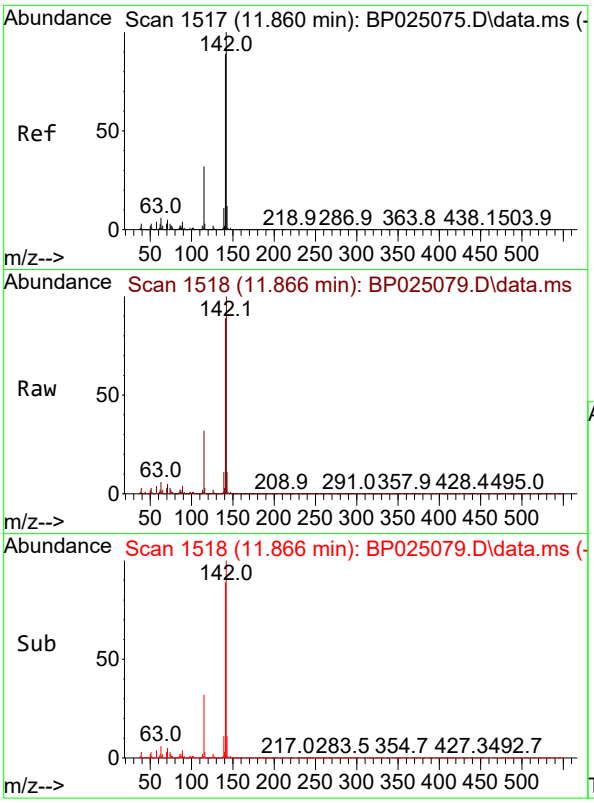


#36
4-Chloro-3-methylphenol
Concen: 40.967 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1018998

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.3	69.6	104.4

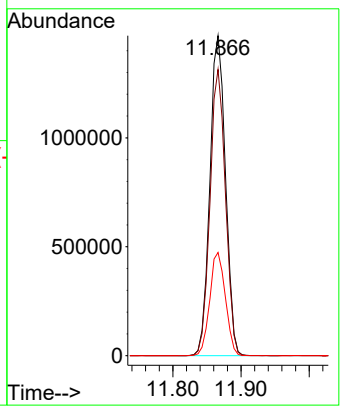




#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 234086

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9



Instrument :
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ClientSampleId :
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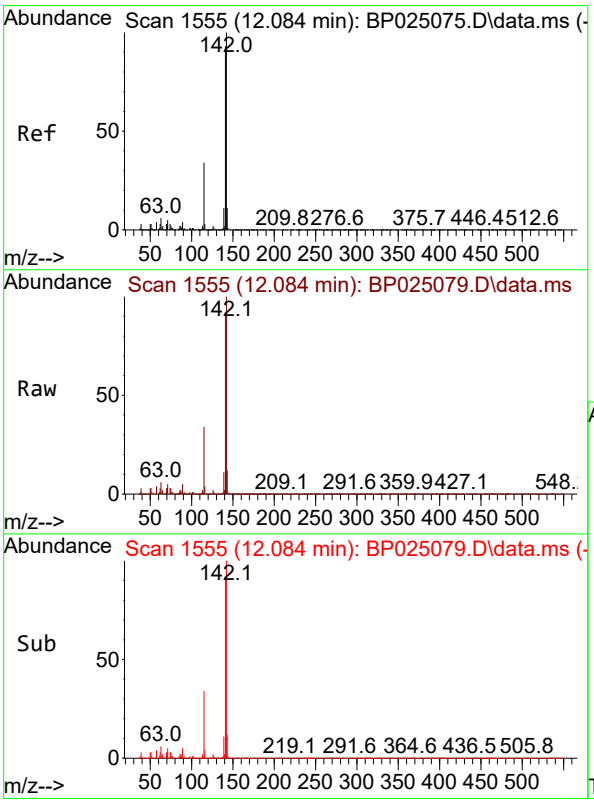
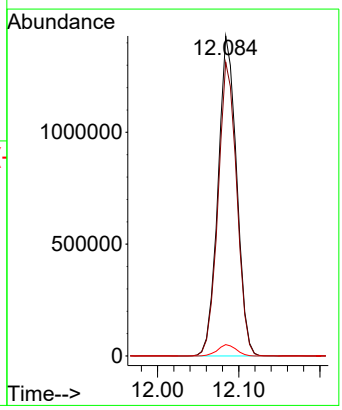
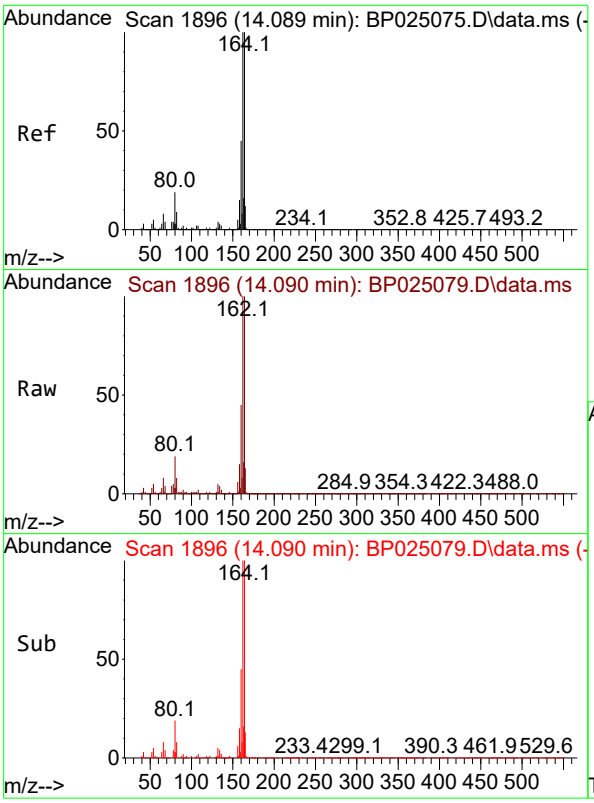


#38
1-Methylnaphthalene
Concen: 39.301 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 2280444

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.5	2.7	4.1

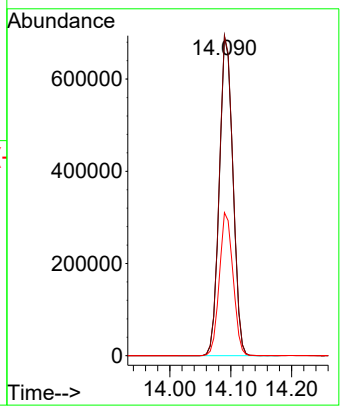




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:164 Resp: 107115

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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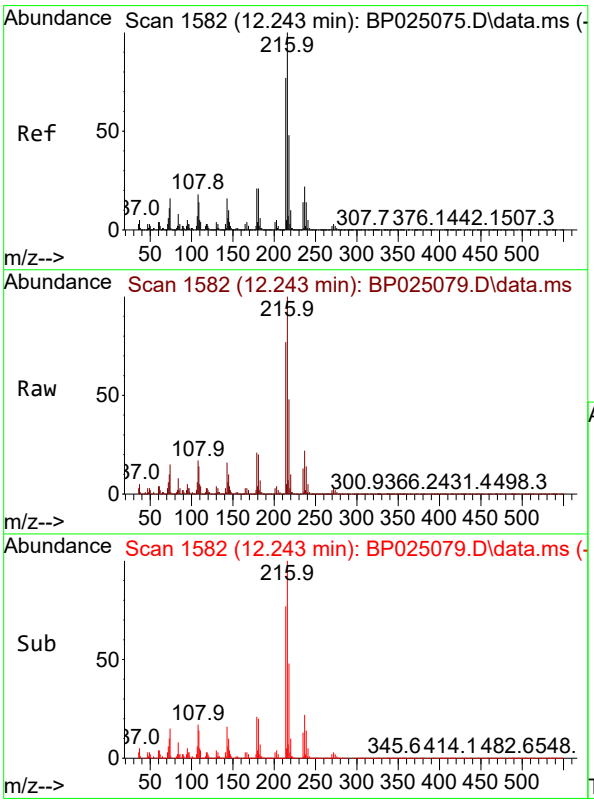
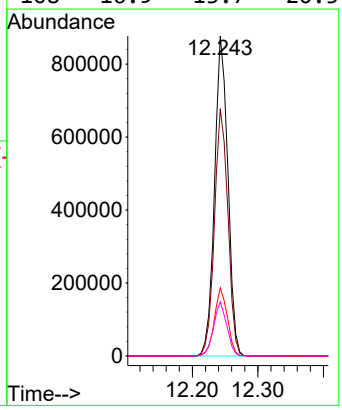
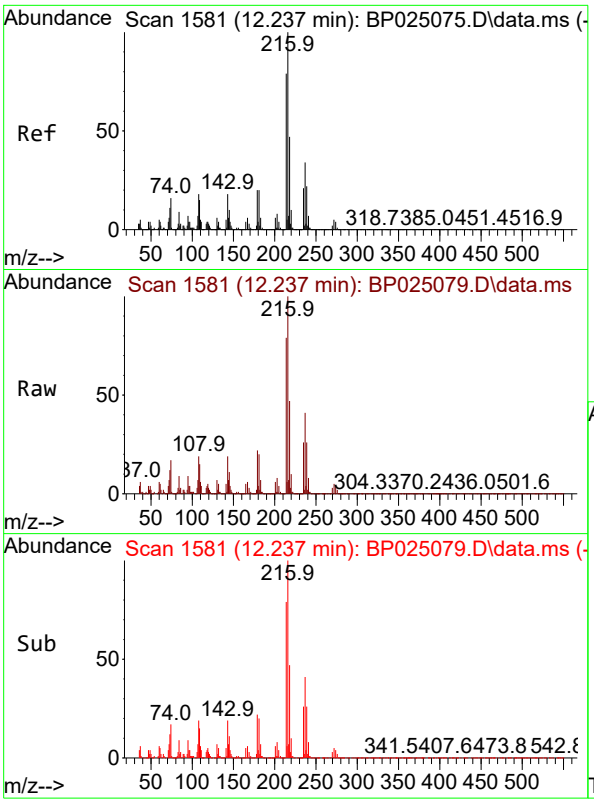


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.072 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:216 Resp: 1233612

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5

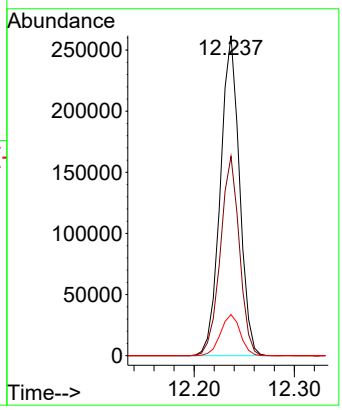




#41
Hexachlorocyclopentadiene
Concen: 42.989 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:237 Resp: 34568

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	12.9	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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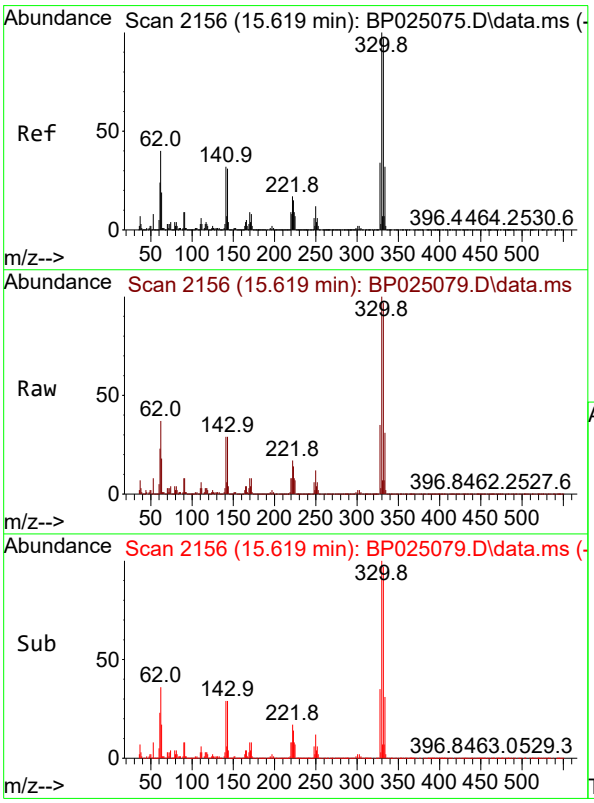
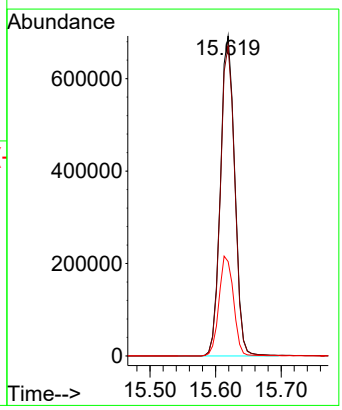
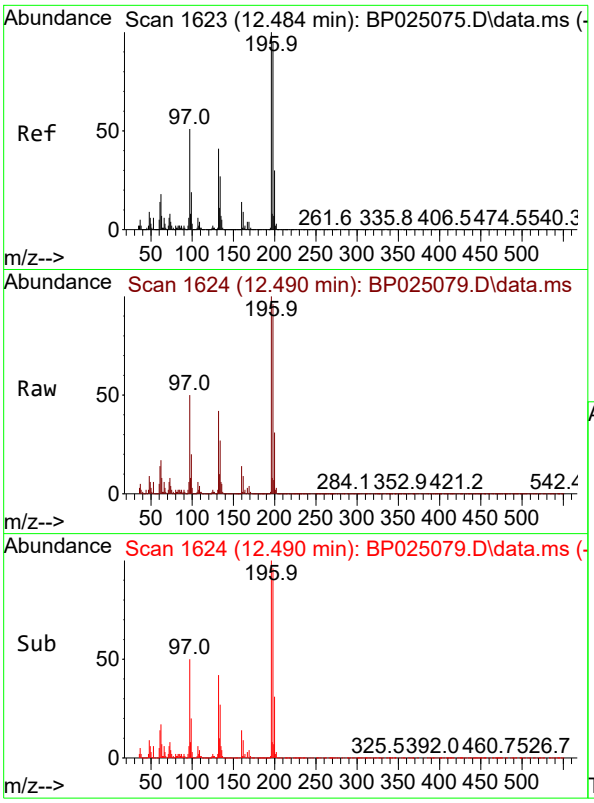


#42
2,4,6-Tribromophenol
Concen: 82.624 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:330 Resp: 1045523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.7	26.0	39.0

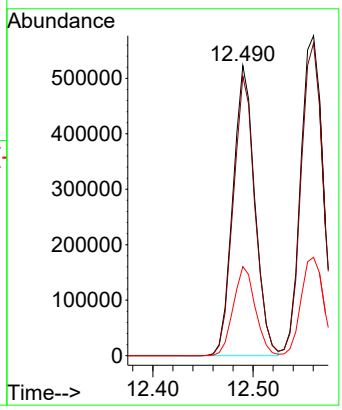




#43
2,4,6-Trichlorophenol
Concen: 42.646 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 79495

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	30.7	24.3	36.5



Instrument :
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ClientSampleId :
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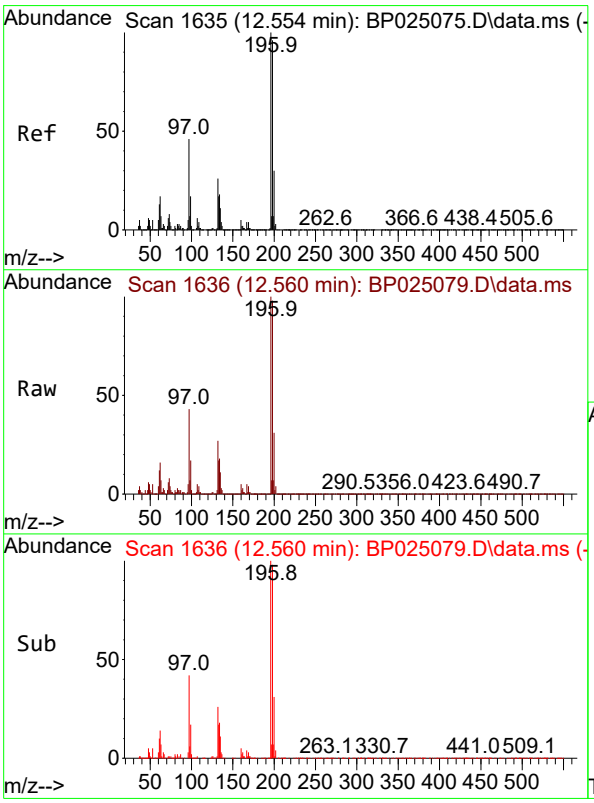
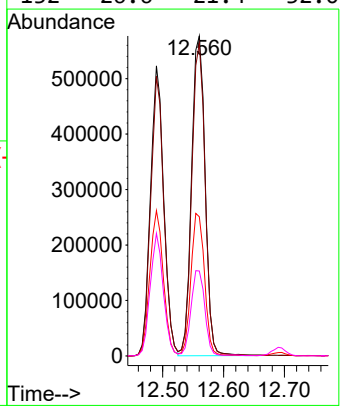
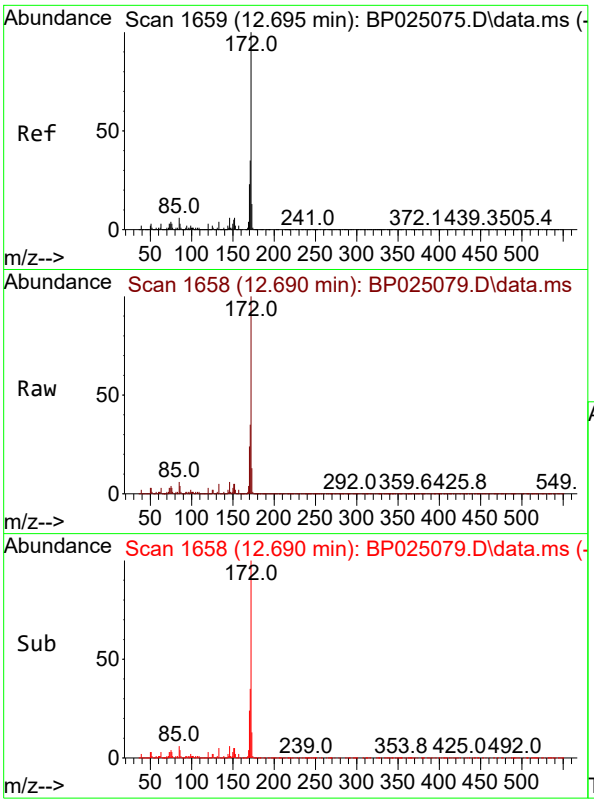


#44
2,4,5-Trichlorophenol
Concen: 42.335 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 894337

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	43.5	36.6	55.0
132	26.6	21.4	32.0

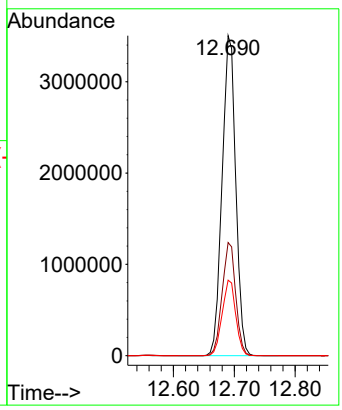




#45
2-Fluorobiphenyl
Concen: 78.712 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:172 Resp: 544249

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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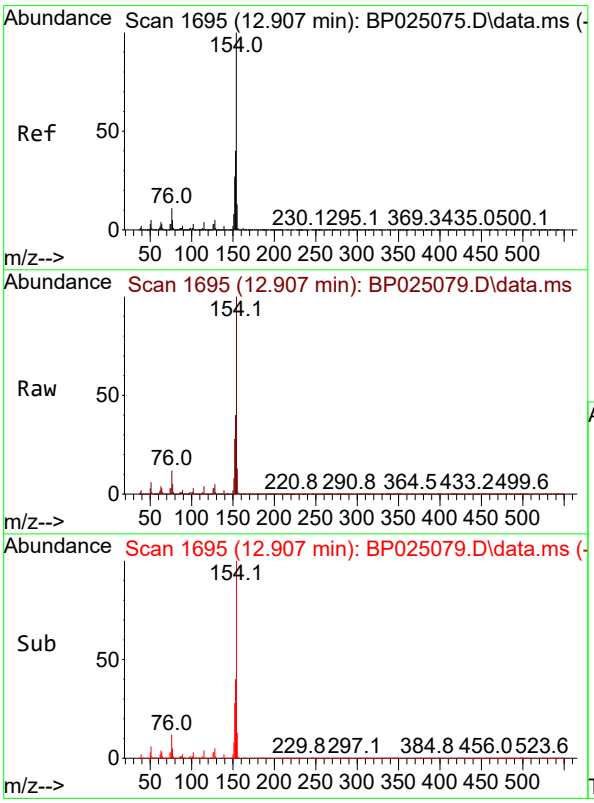
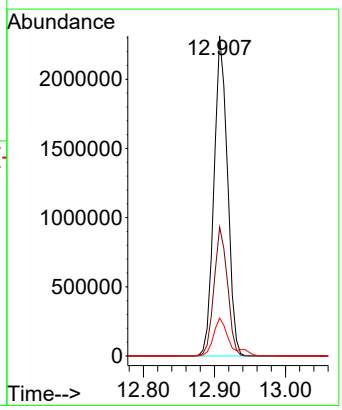
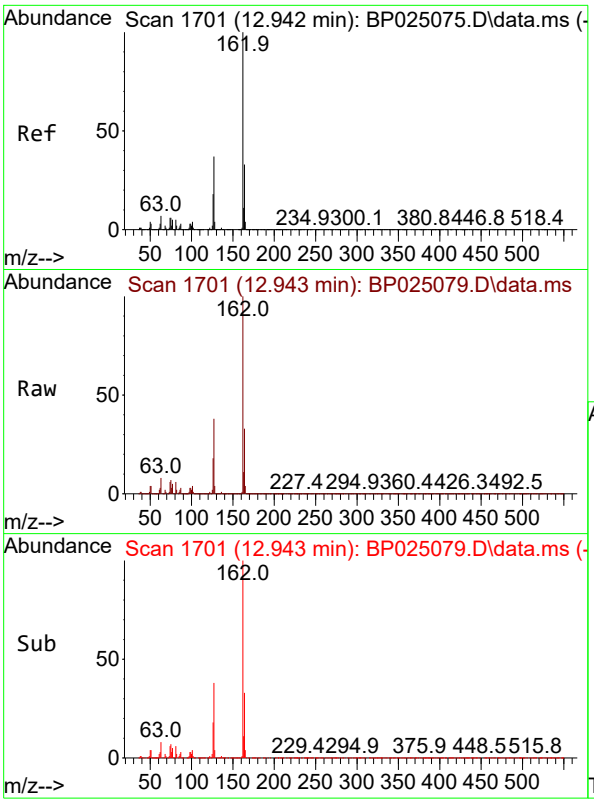


#46
1,1'-Biphenyl
Concen: 39.032 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 3042013

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.9	0.0	31.5

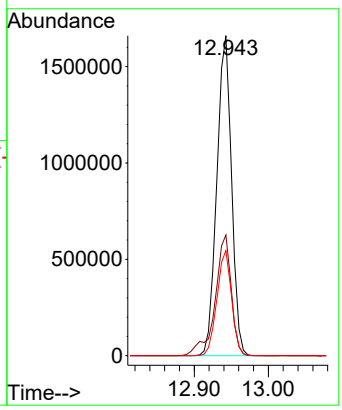




#47
2-Chloronaphthalene
Concen: 39.210 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:162 Resp: 229682

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.9	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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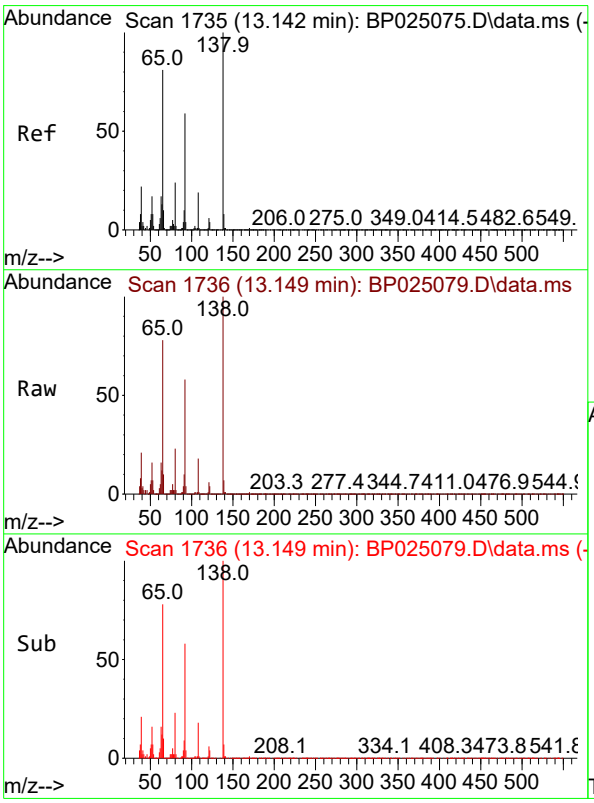
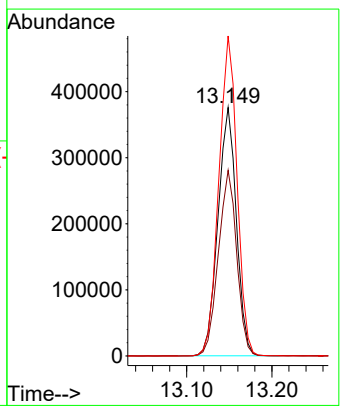
Supervised By :Jagrut Upadhyay 07/07/2025

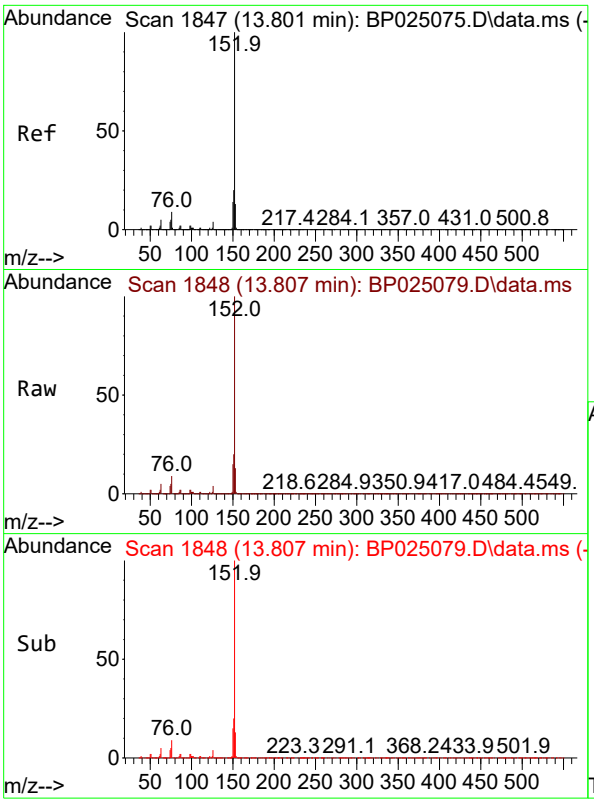


#48
2-Nitroaniline
Concen: 39.894 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.007 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 65 Resp: 565340

Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.7	88.1
138	128.8	99.0	148.4

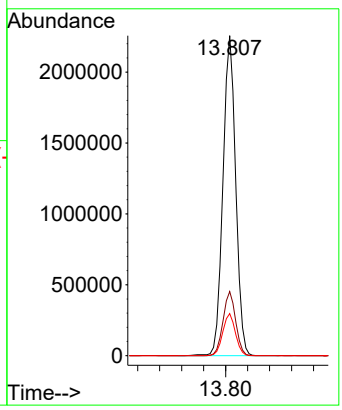




#49
Acenaphthylene
Concen: 40.431 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:152 Resp: 362482

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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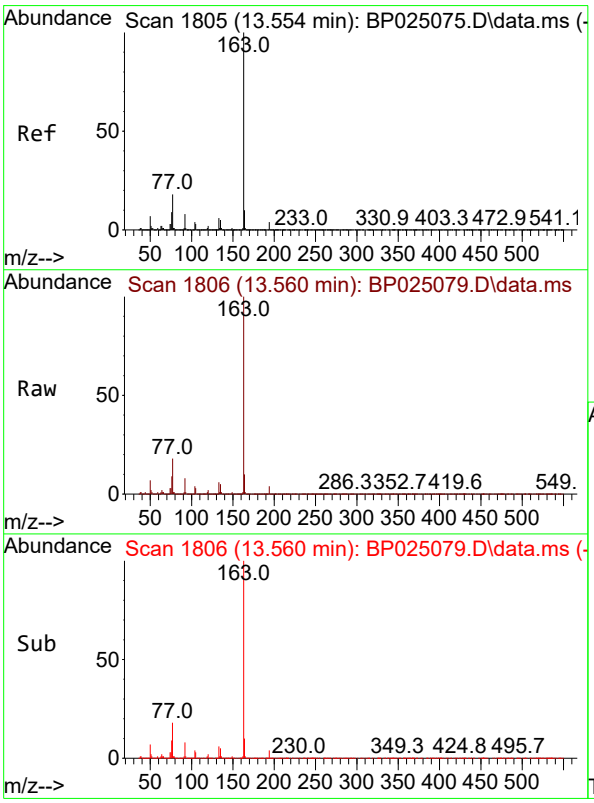
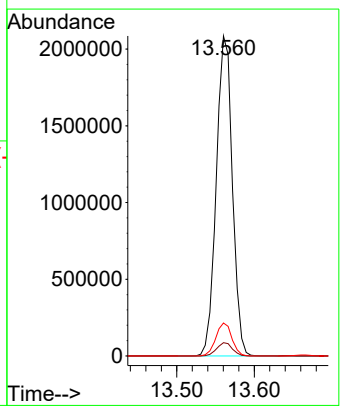
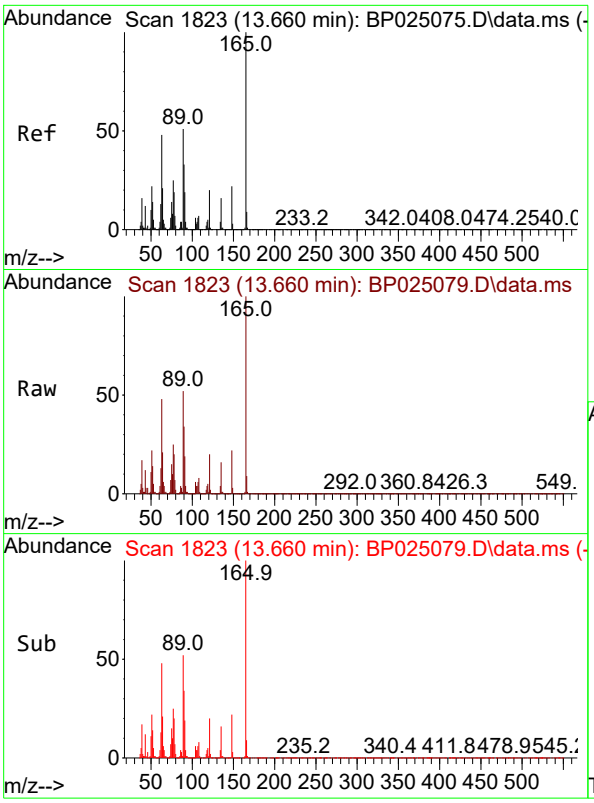


#50
Dimethylphthalate
Concen: 40.131 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:163 Resp: 3009077

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0

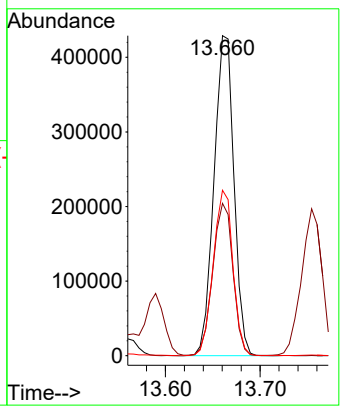




#51
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:165 Resp: 62763

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.5	57.7
89	51.7	40.6	61.0



Instrument :
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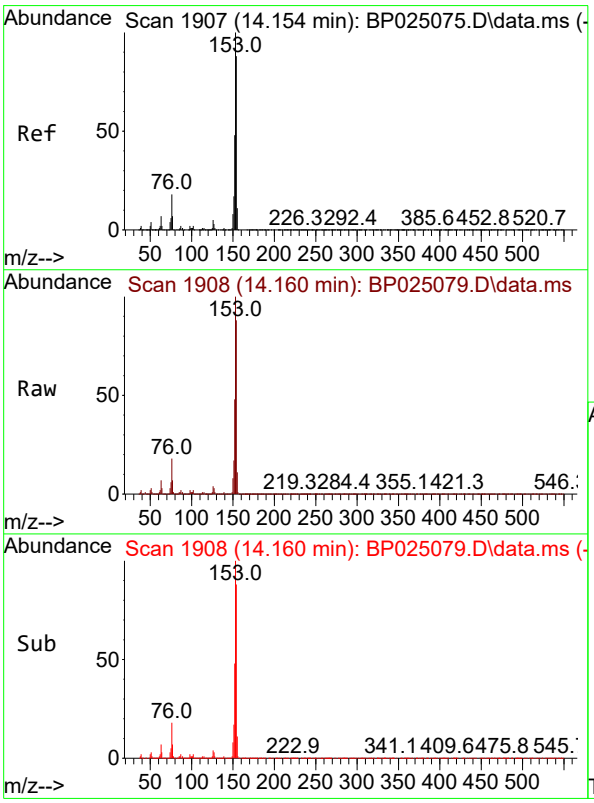
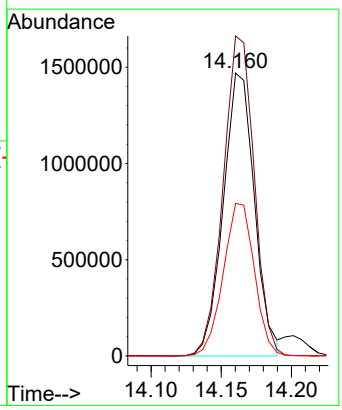
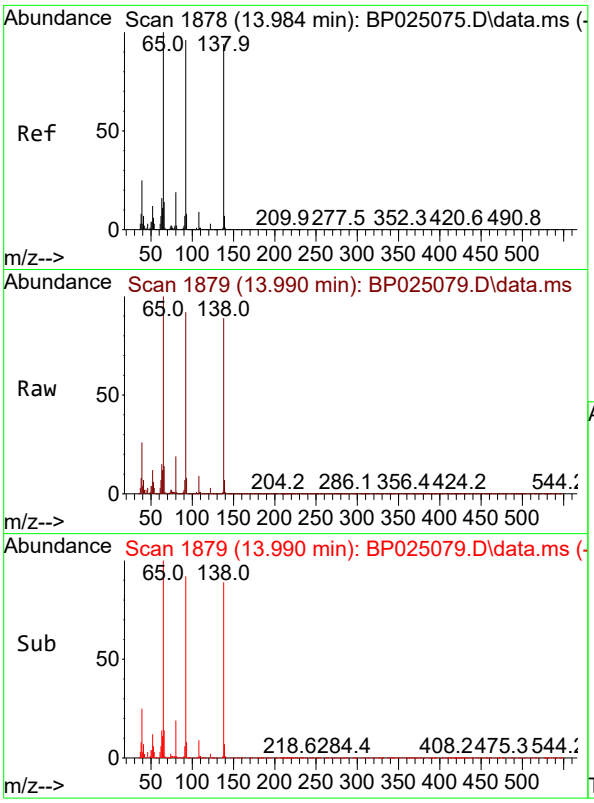


#52
Acenaphthene
Concen: 39.318 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 2271995

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.0	43.8	65.8





#53
3-Nitroaniline
Concen: 43.418 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:138 Resp: 68044

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.4	81.0	121.4

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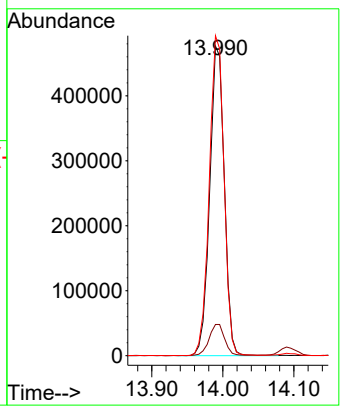
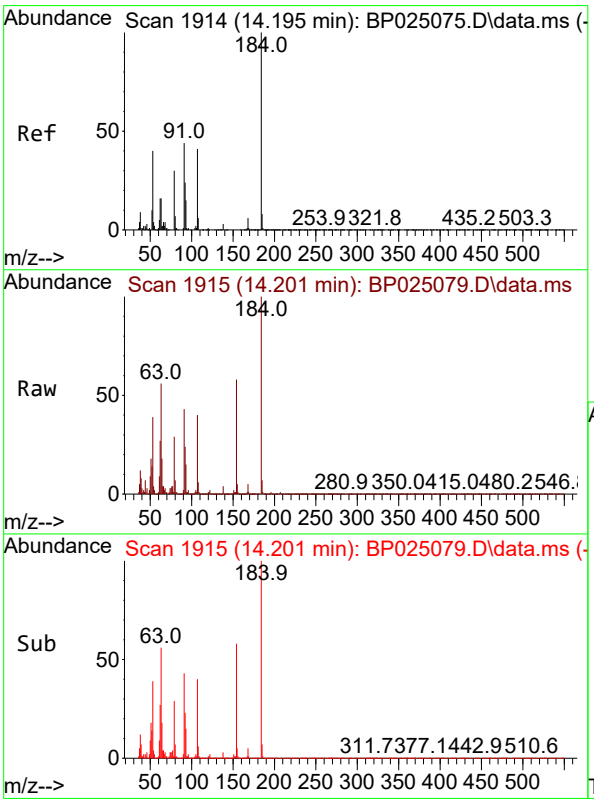
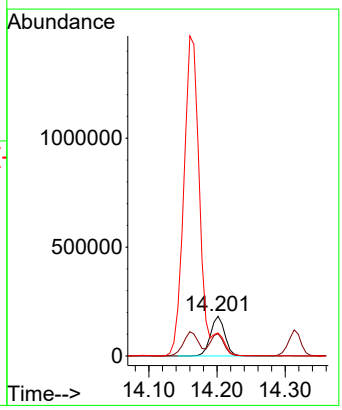


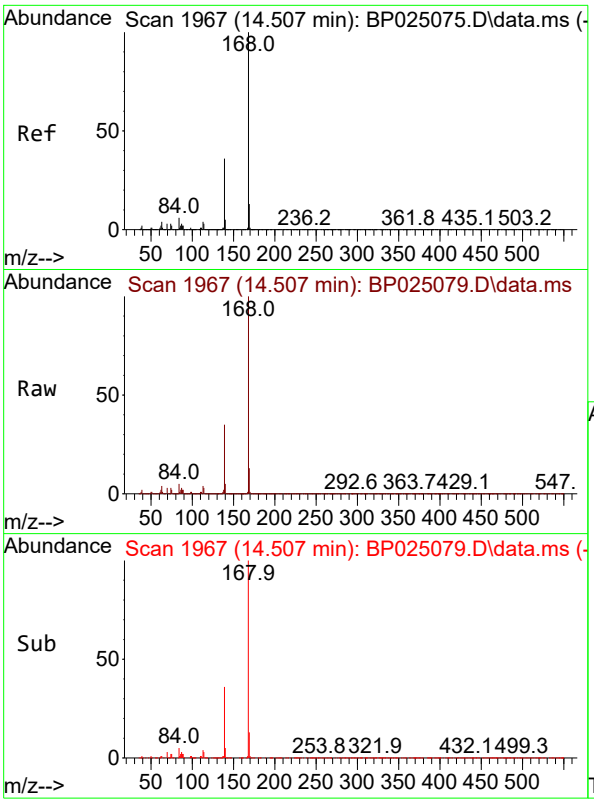


#54
2,4-Dinitrophenol
Concen: 40.066 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 265751

Ion	Ratio	Lower	Upper
184	100		
63	56.1	47.4	71.0
154	58.1	47.8	71.8

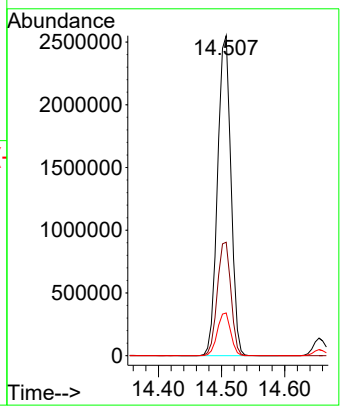




#55
Dibenzofuran
Concen: 39.220 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:168 Resp: 374023

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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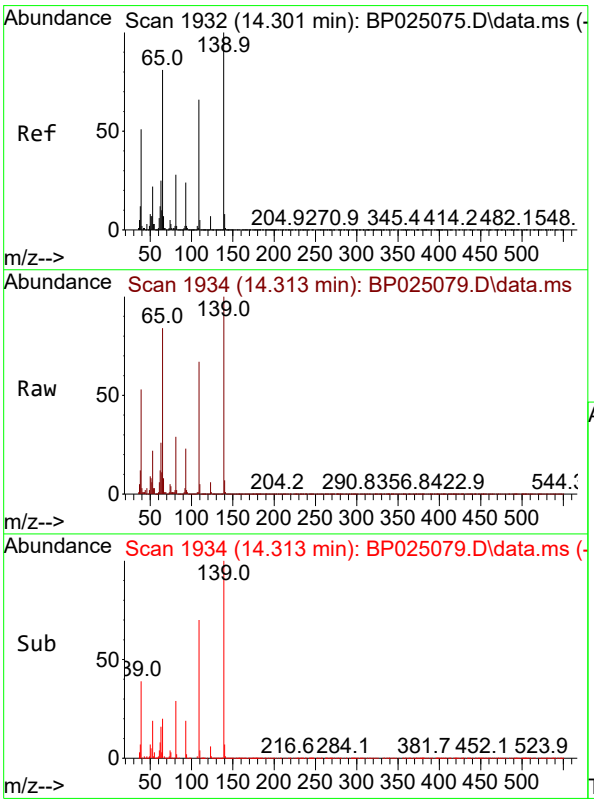
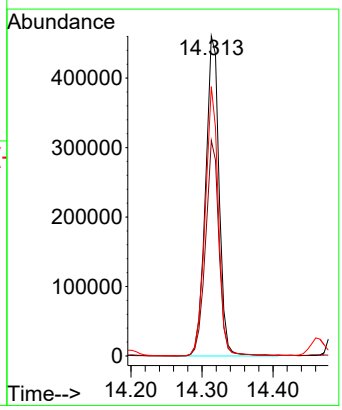
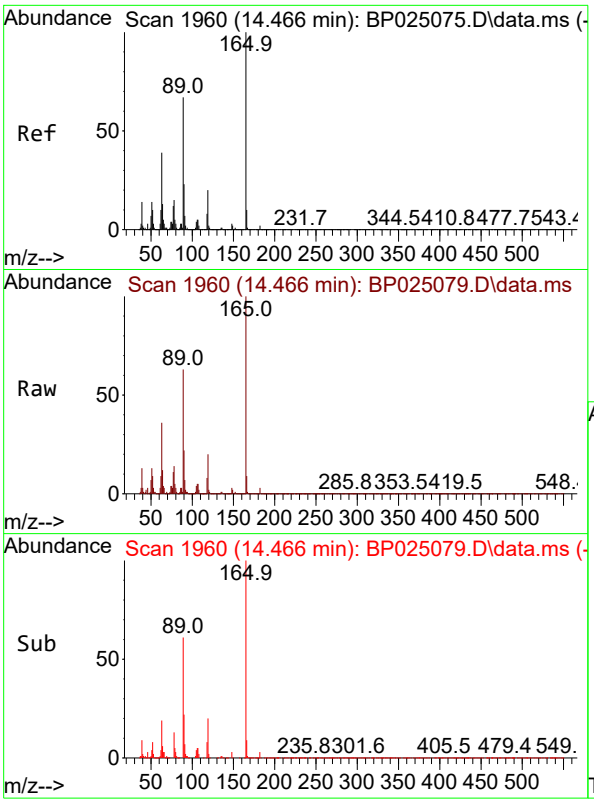


#56
4-Nitrophenol
Concen: 42.369 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 612774

Ion	Ratio	Lower	Upper
139	100		
109	67.3	45.9	85.9
65	84.2	61.4	101.4

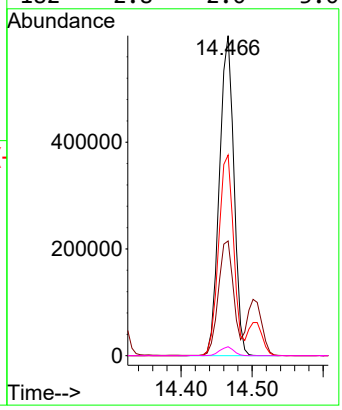




#57
2,4-Dinitrotoluene
Concen: 39.932 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:165 Resp: 84695

Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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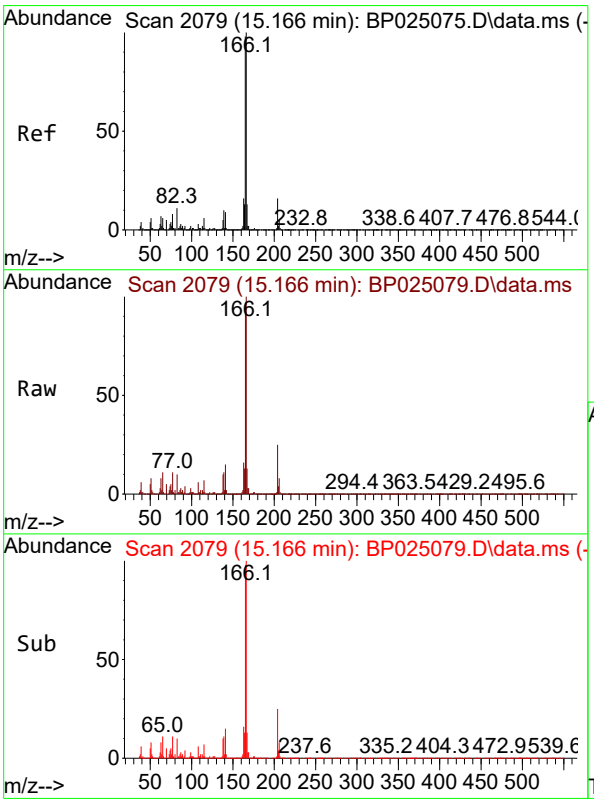
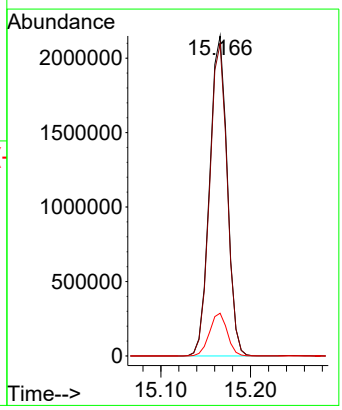
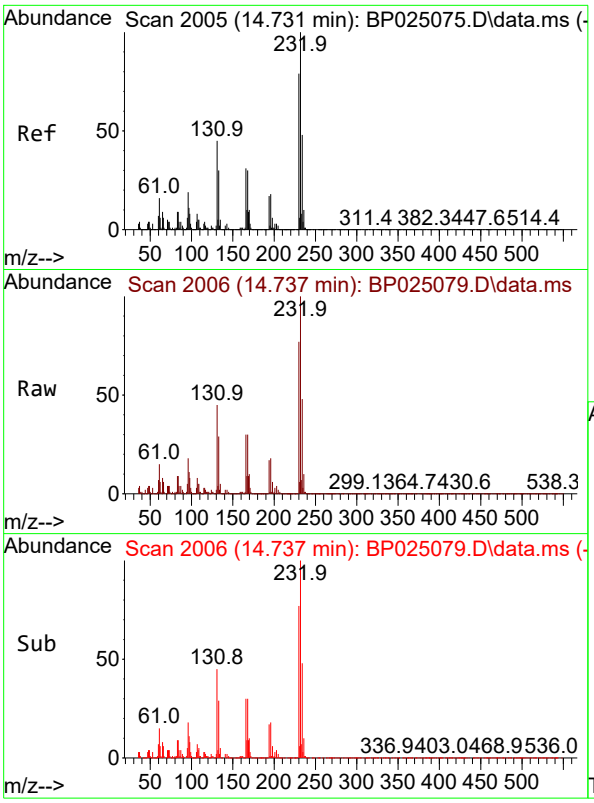


#58
Fluorene
Concen: 39.662 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:166 Resp: 2925541

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.3	10.7	16.1

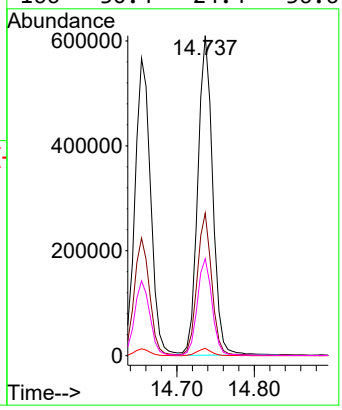




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:232 Resp: 81140

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.7	53.5
130	2.2	1.8	2.6
166	30.4	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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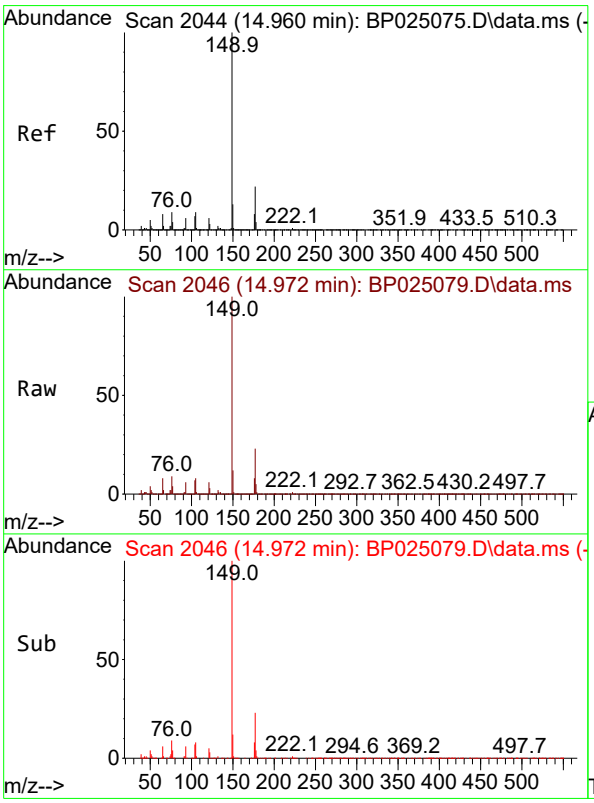
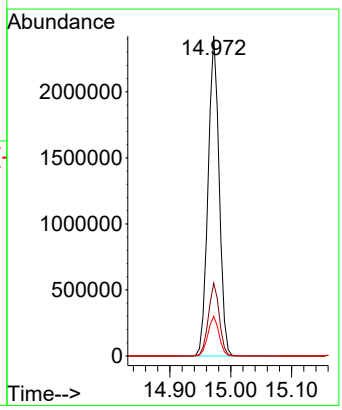
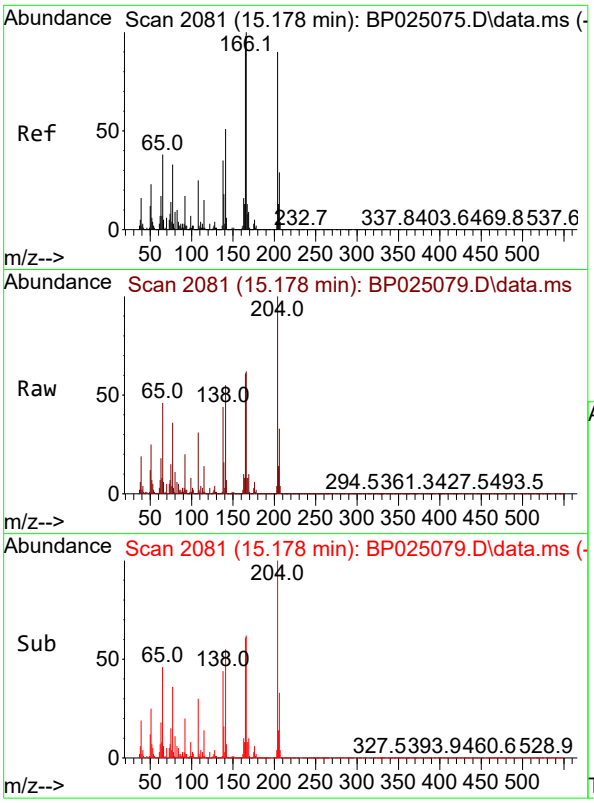


#60
Diethylphthalate
Concen: 40.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3056611

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.2	15.2

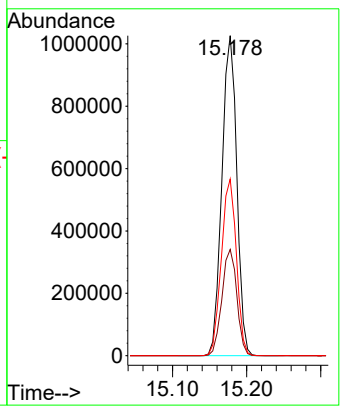




#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:204 Resp: 143088

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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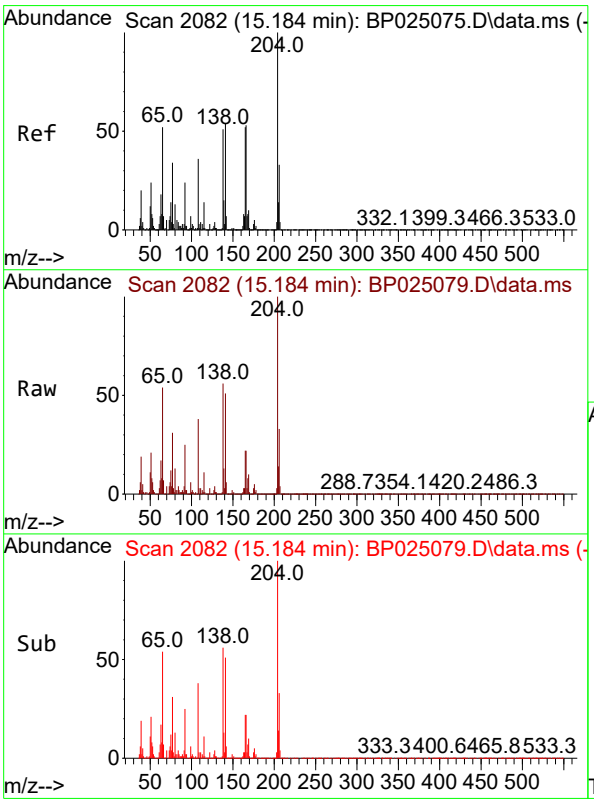
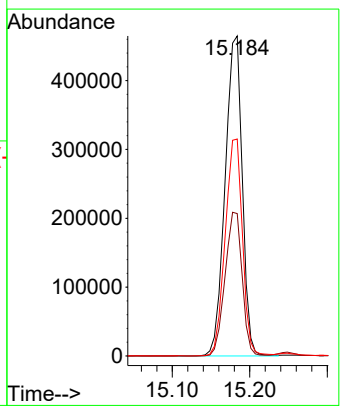
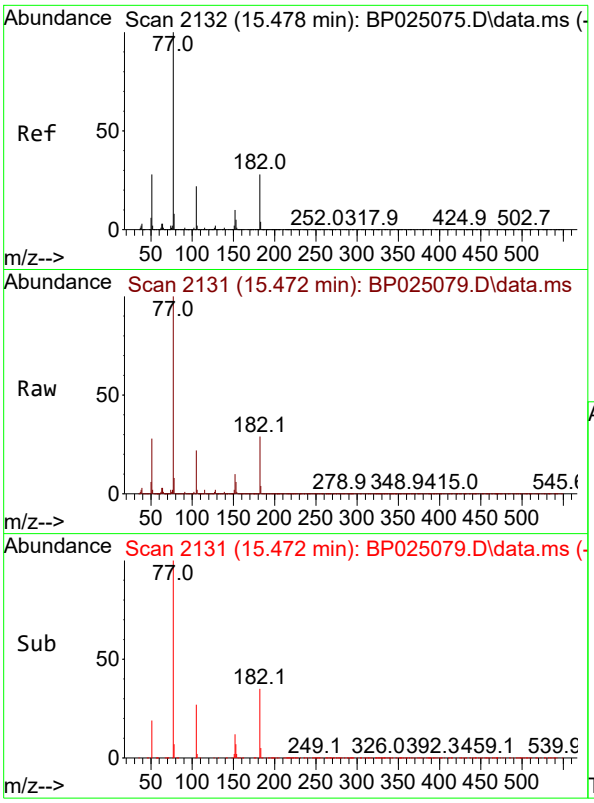


#62
4-Nitroaniline
Concen: 43.550 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:138 Resp: 715671

Ion	Ratio	Lower	Upper
138	100		
92	44.5	26.0	66.0
108	67.8	50.0	90.0





#63
Azobenzene
Concen: 38.583 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 258741

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	27.7	8.2	48.2

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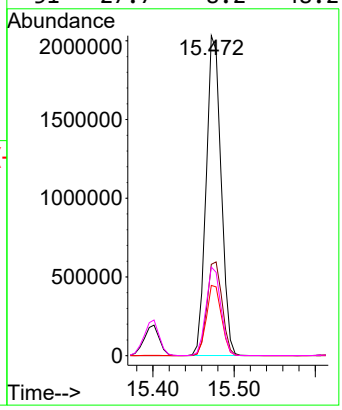
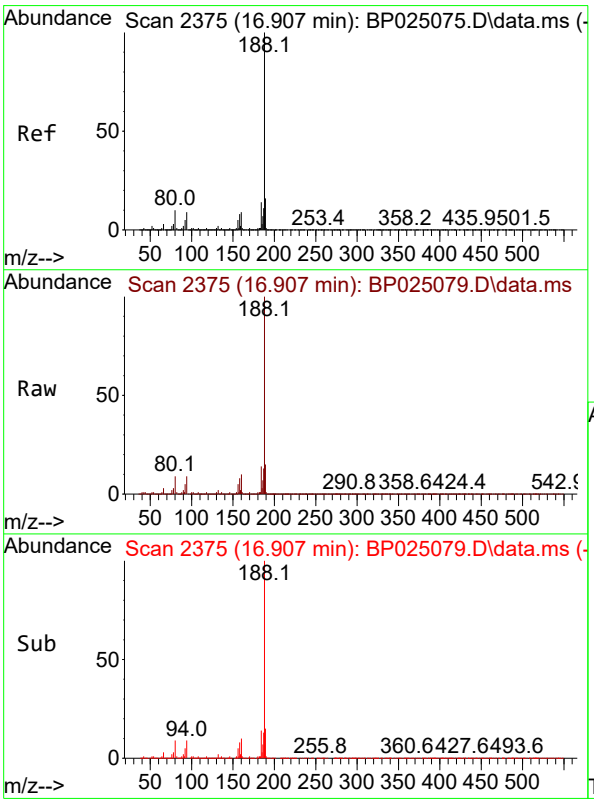
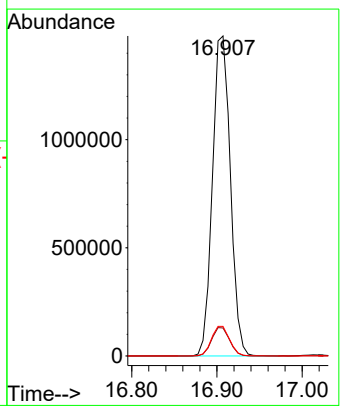


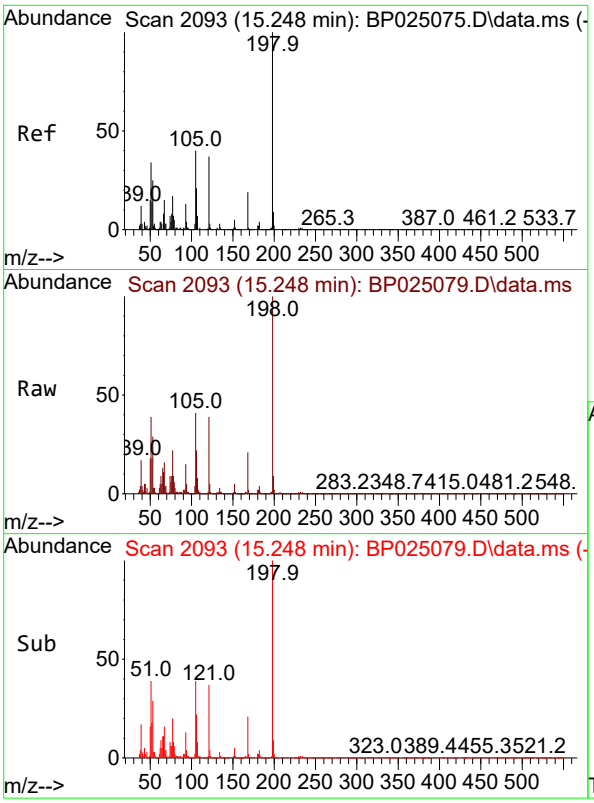


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:188 Resp: 2157756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6

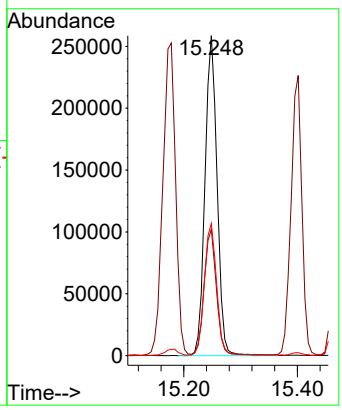




#65
4,6-Dinitro-2-methylphenol
Concen: 39.754 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:198 Resp: 37970

Ion	Ratio	Lower	Upper
198	100		
51	39.5	16.8	56.8
105	41.3	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
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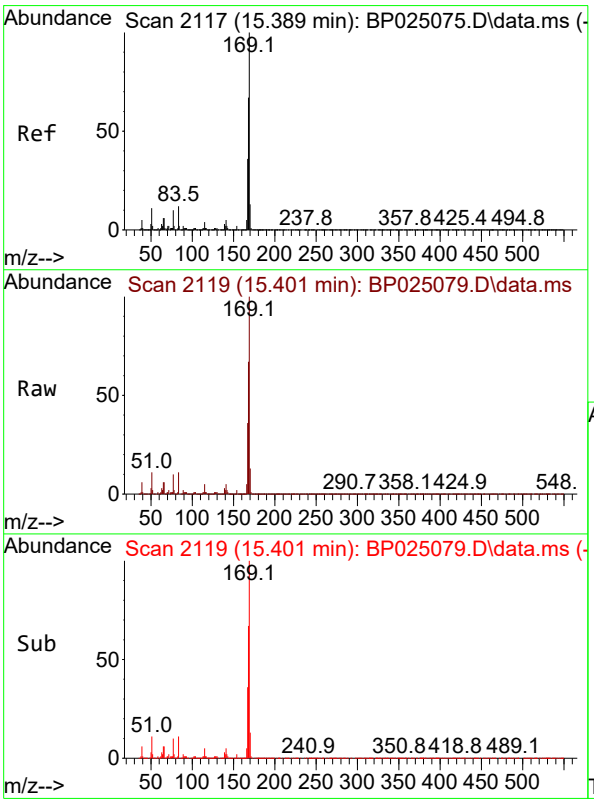
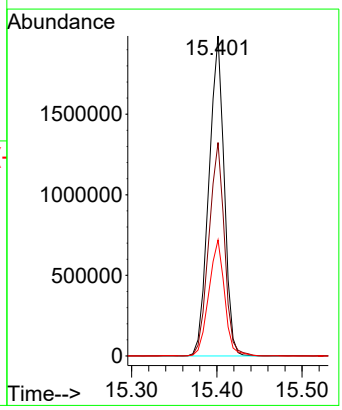
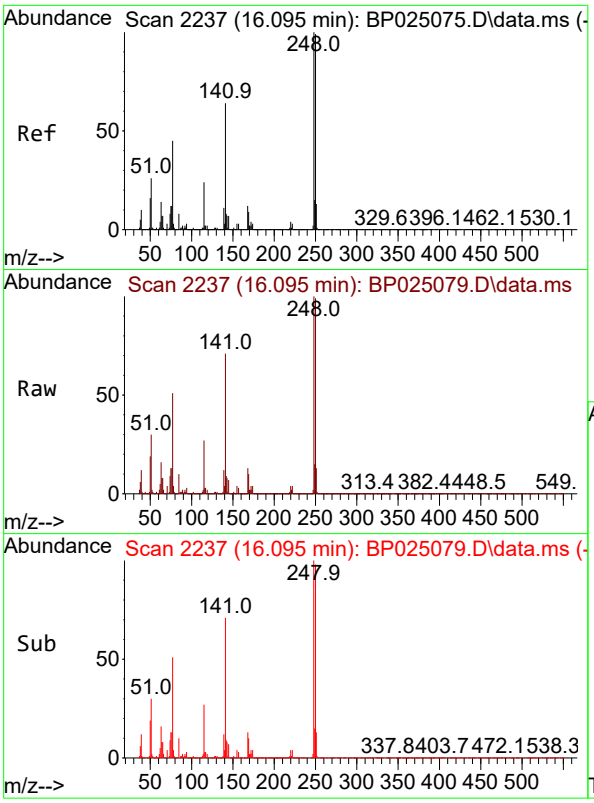


#66
n-Nitrosodiphenylamine
Concen: 40.039 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:169 Resp: 2472464

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	29.0	43.6

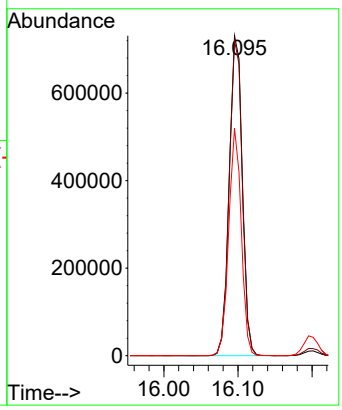




#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:248 Resp: 89445

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	71.0	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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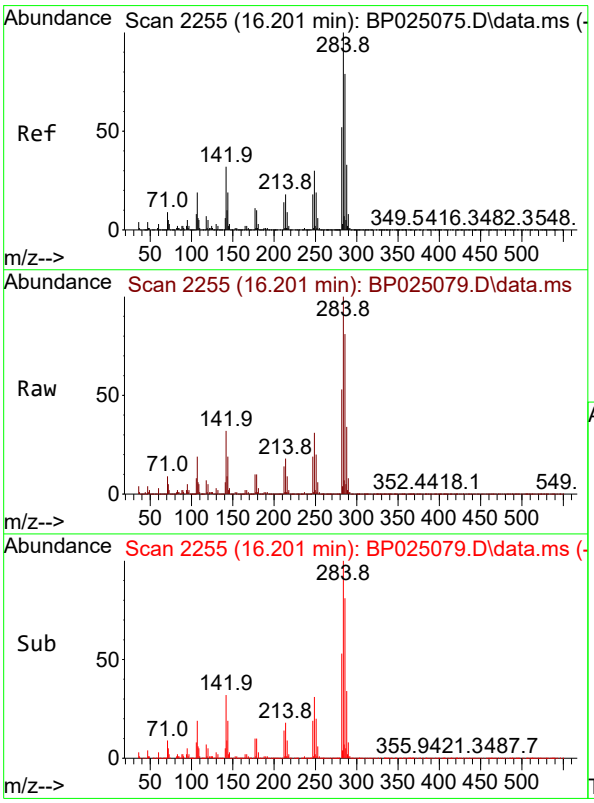
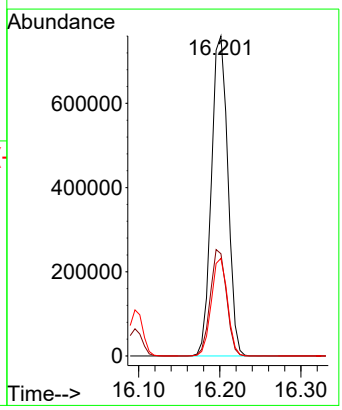
Supervised By :Jagrut Upadhyay 07/07/2025

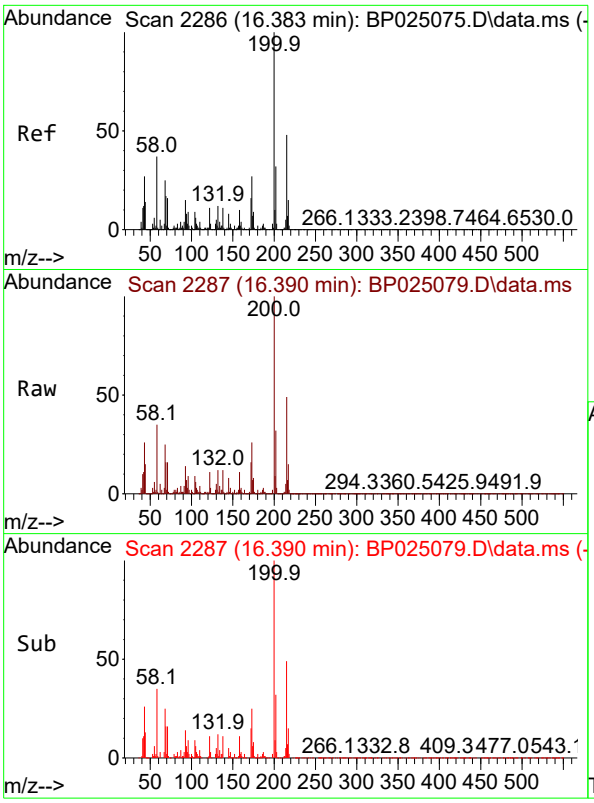


#68
Hexachlorobenzene
Concen: 39.499 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:284 Resp: 1066631

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	30.5	23.8	35.8

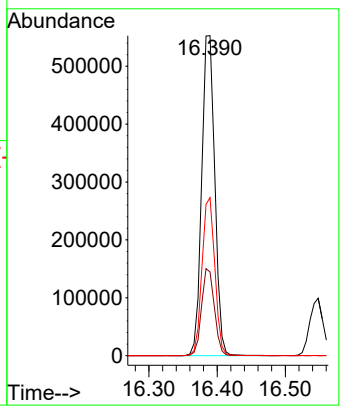




#69
Atrazine
Concen: 40.888 ng
RT: 16.390 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:200 Resp: 73988

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	49.4	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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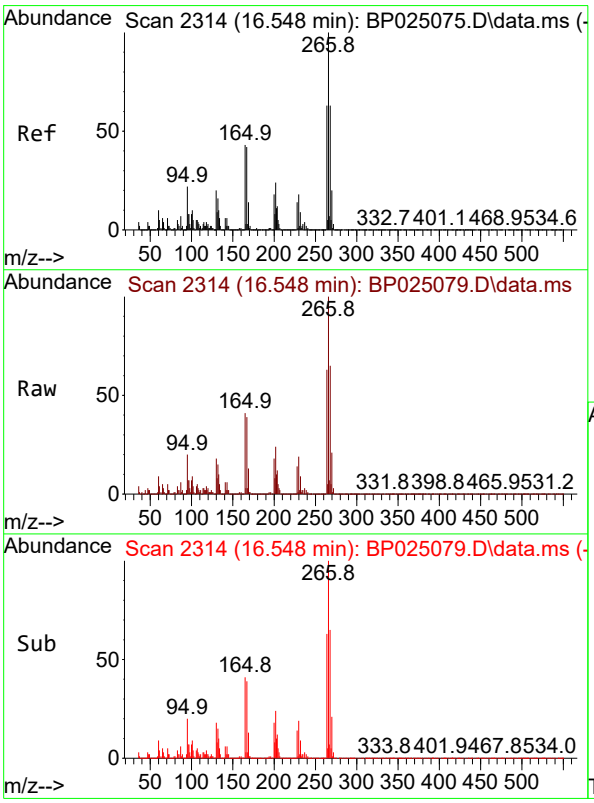
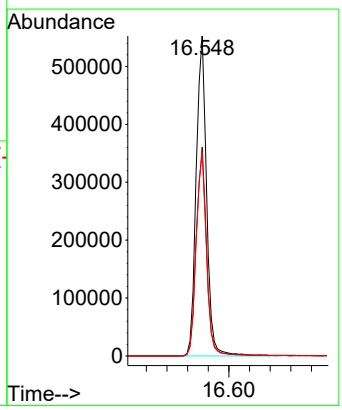
Supervised By :Jagrut Upadhyay 07/07/2025

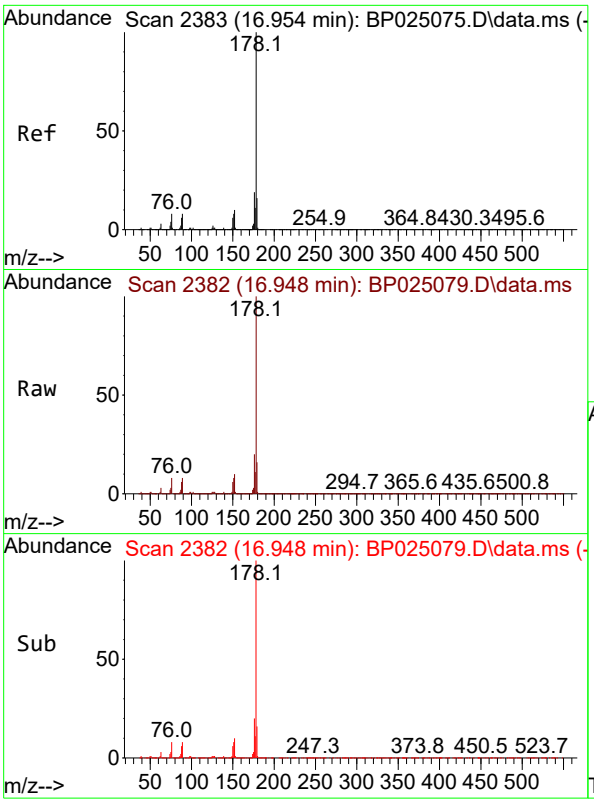


#70
Pentachlorophenol
Concen: 42.471 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:266 Resp: 774549

Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	63.5	50.2	75.2

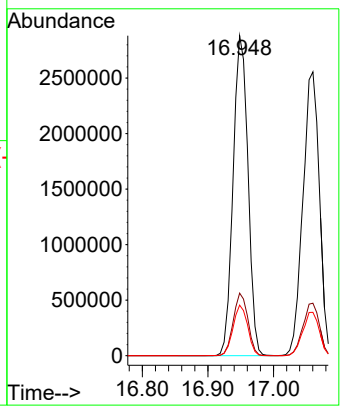




#71
Phenanthrene
Concen: 39.487 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 455272

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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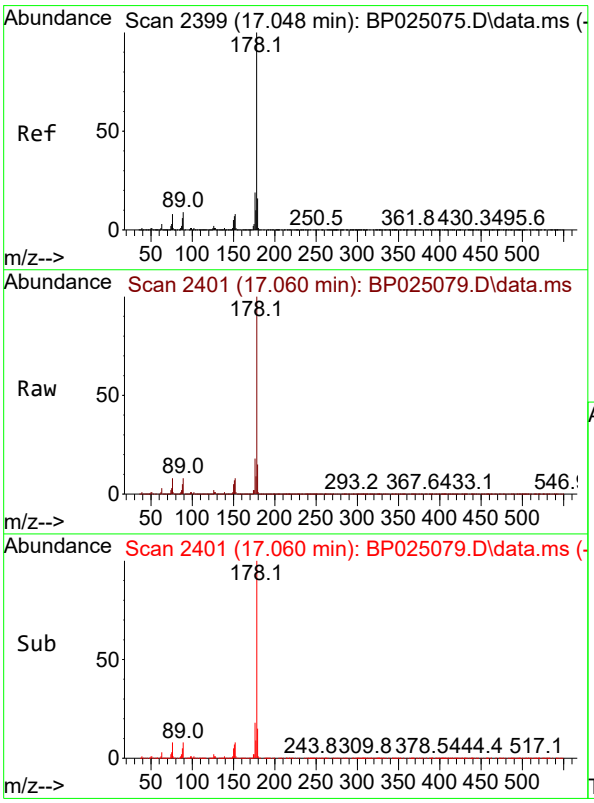
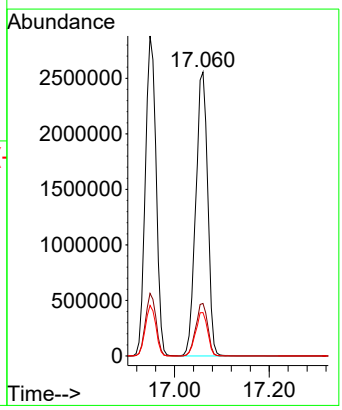
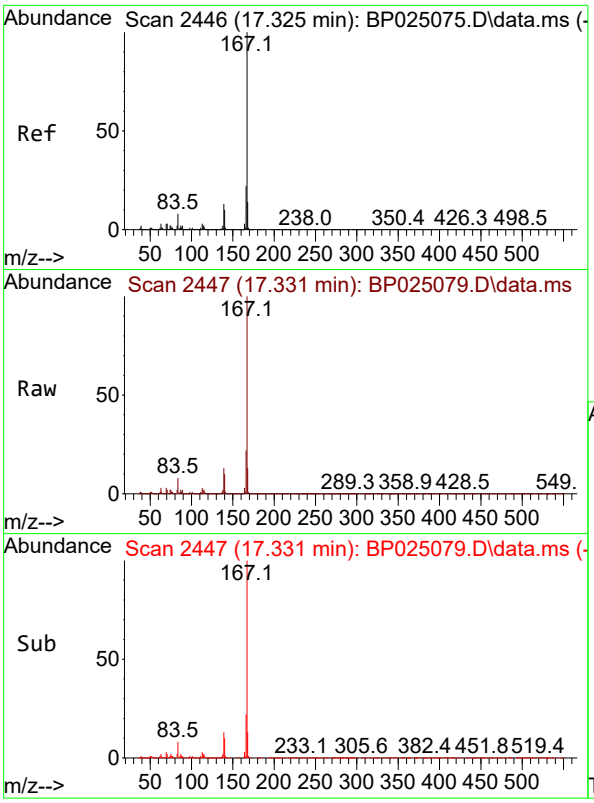


#72
Anthracene
Concen: 40.385 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 4467088

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7

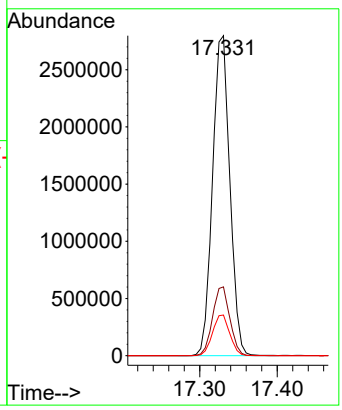




#73
Carbazole
Concen: 40.086 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:167 Resp: 433539

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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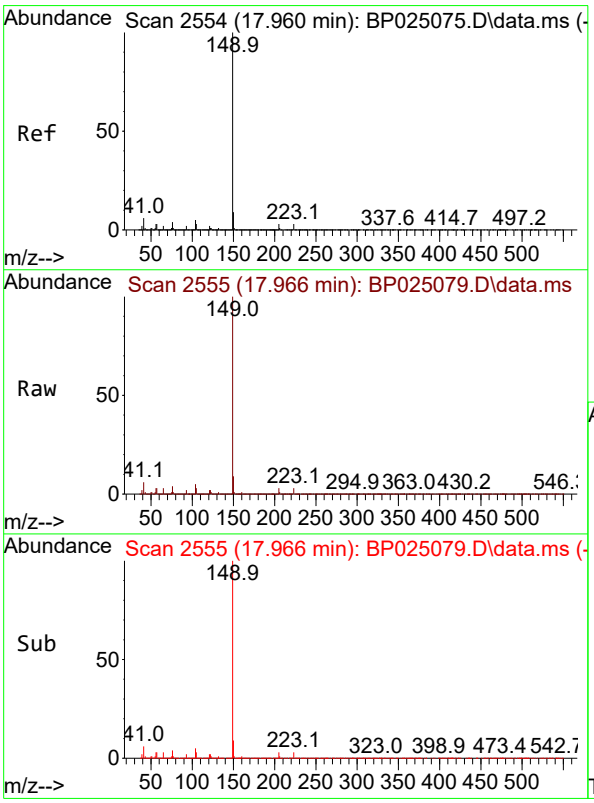
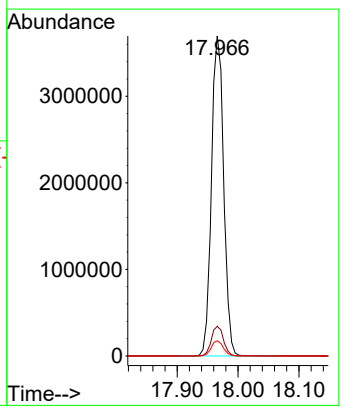
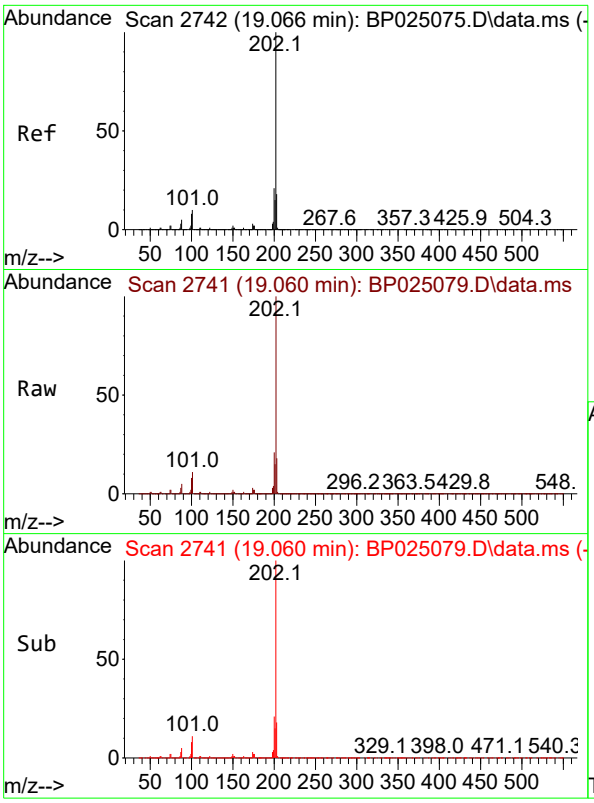


#74
Di-n-butylphthalate
Concen: 42.761 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 5149955

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6





#75
Fluoranthene
Concen: 40.180 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 541510

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.8	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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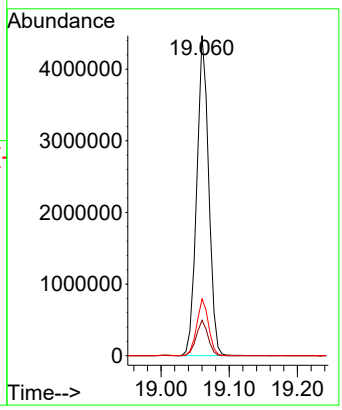
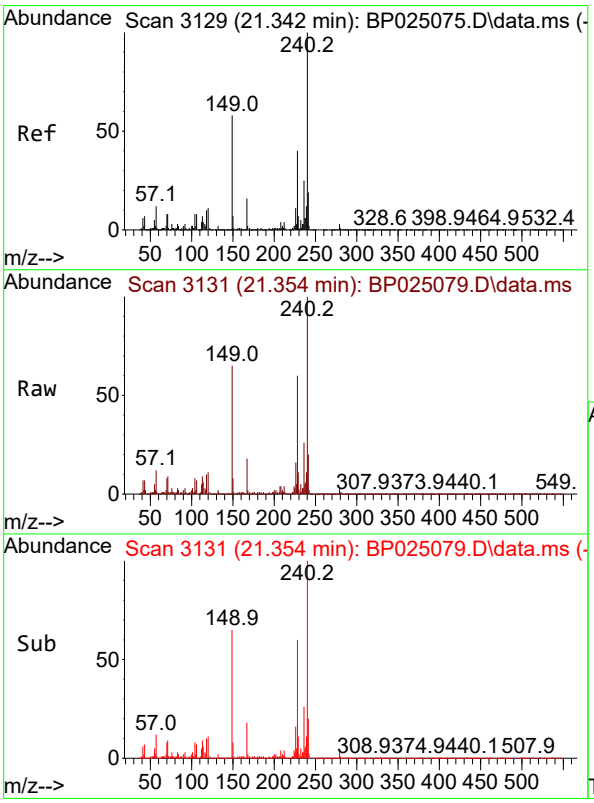
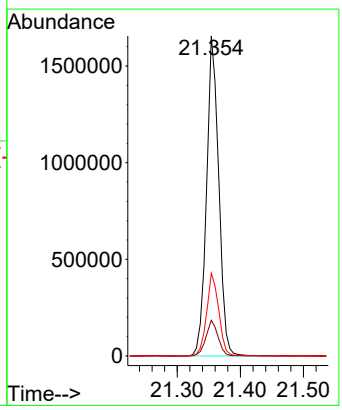


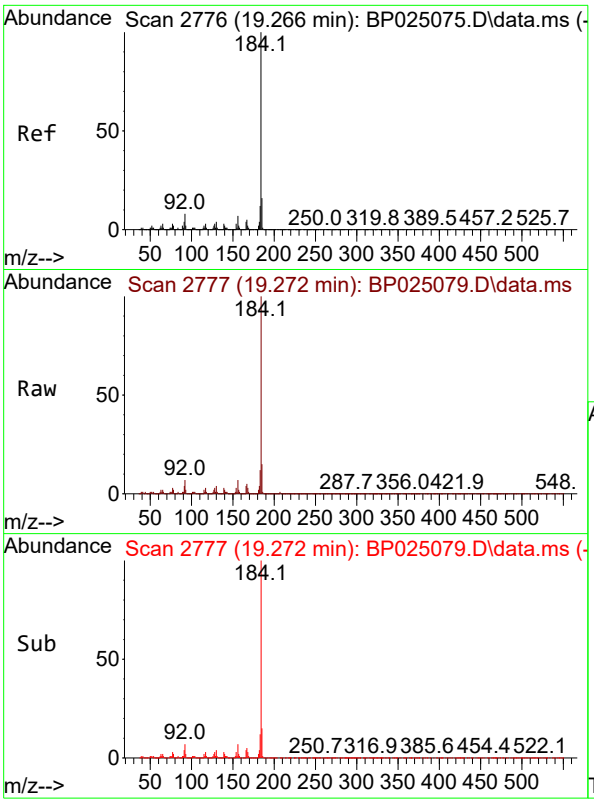


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:240 Resp: 2221808

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5





#77
Benzidine
Concen: 52.461 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 205856

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
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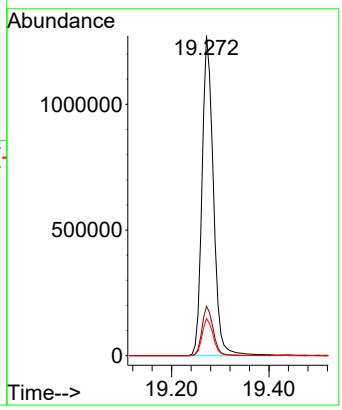
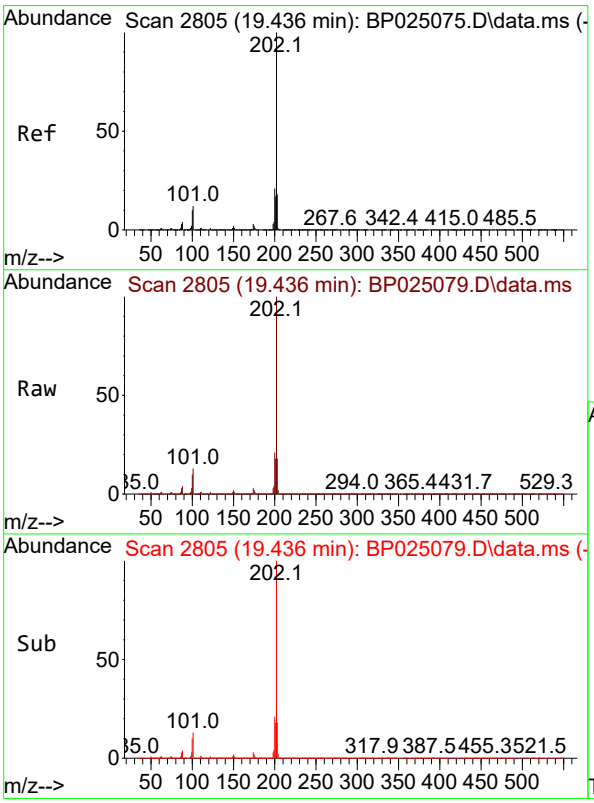
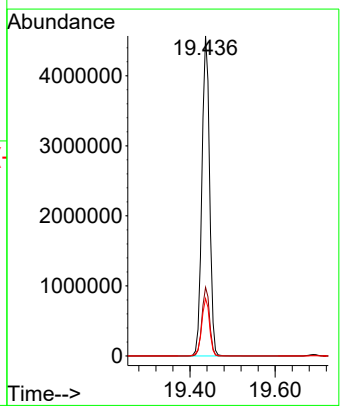


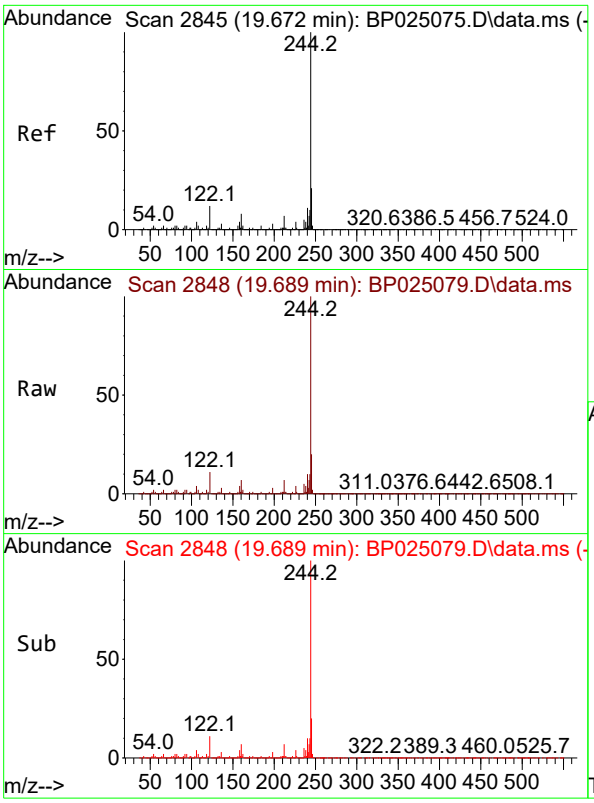


#78
Pyrene
Concen: 41.413 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 5698991

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.1	21.1





#79
Terphenyl-d14
Concen: 84.014 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:244 Resp: 849326

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.4	14.2

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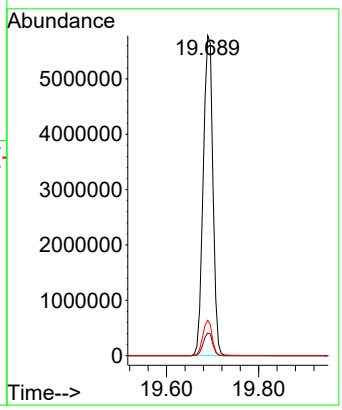
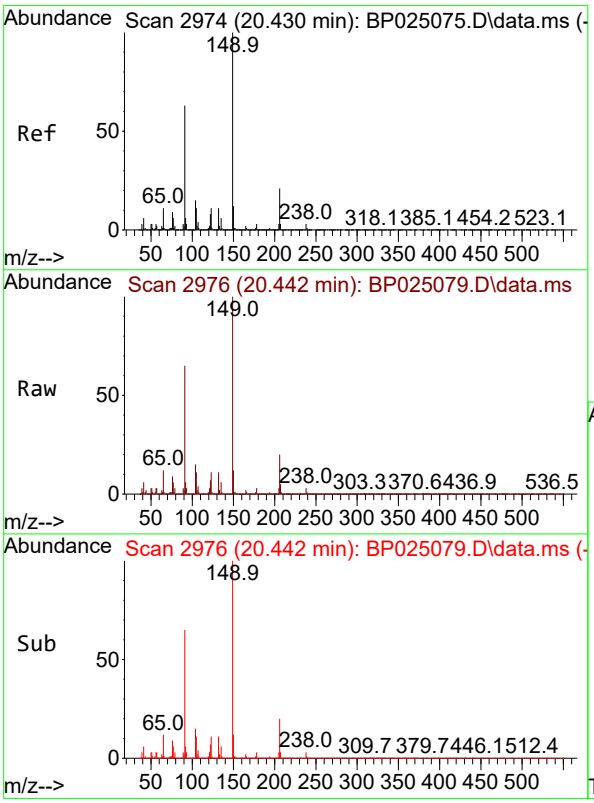
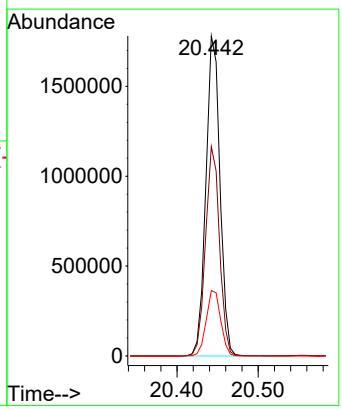


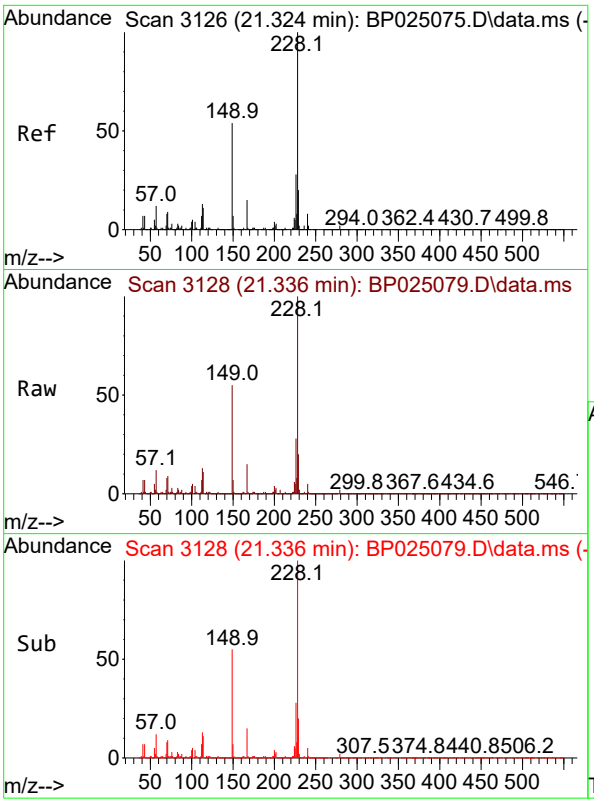


#80
Butylbenzylphthalate
Concen: 40.921 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 2138437

Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.6	76.0
206	20.5	17.2	25.8

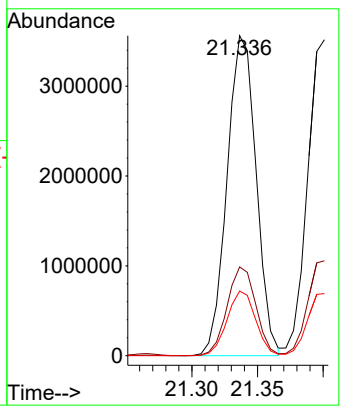




#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:228 Resp: 550107

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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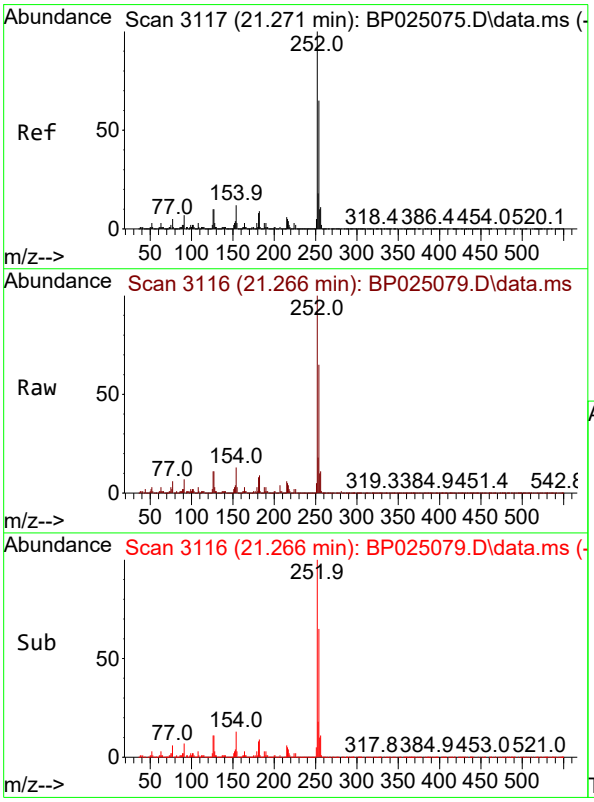
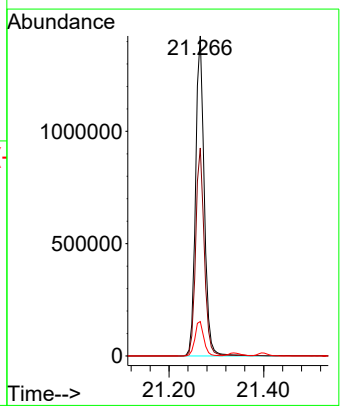
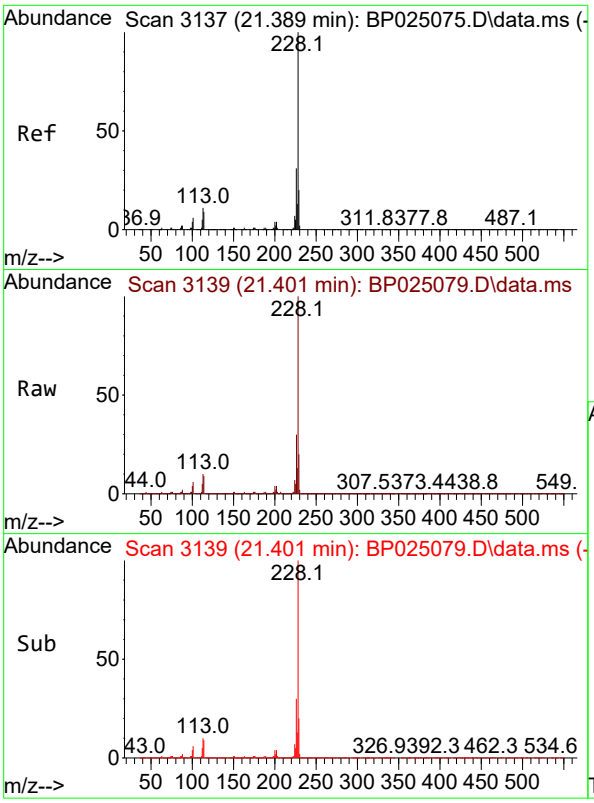


#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 1808957

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	8.1	12.1

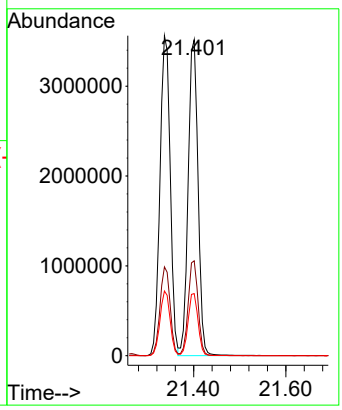




#83
Chrysene
Concen: 40.218 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:228 Resp: 521127

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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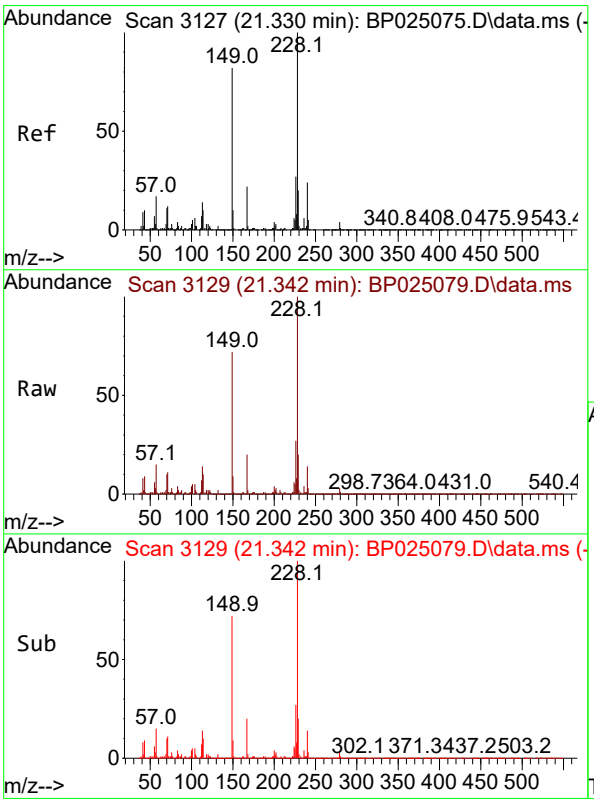
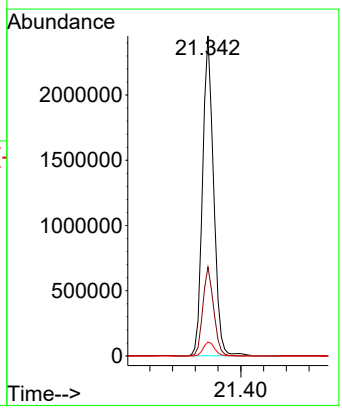
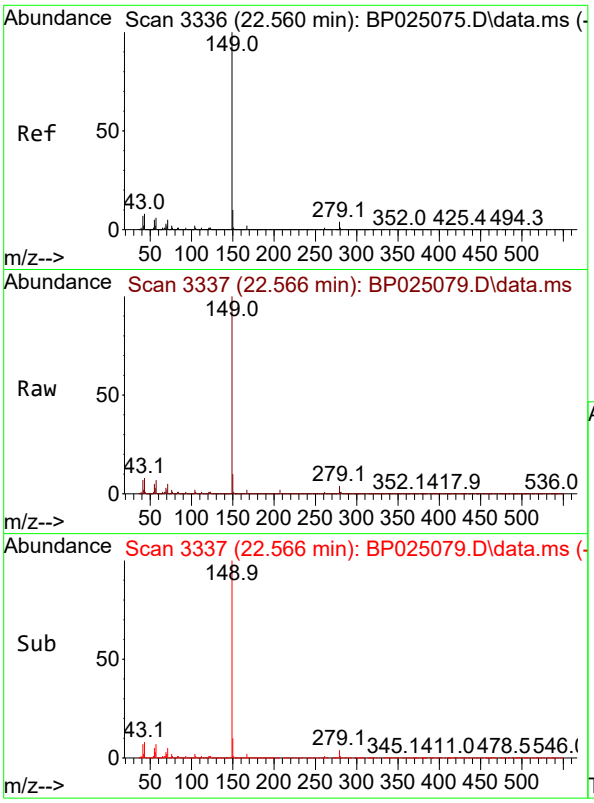


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.685 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3299494

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.4	3.5	5.3

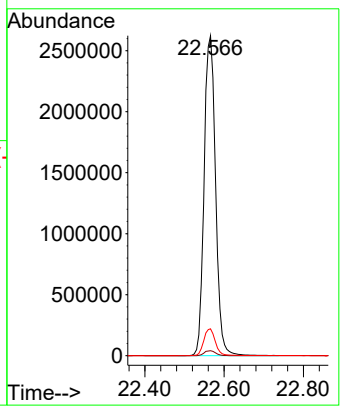




#85
Di-n-octyl phthalate
Concen: 40.750 ng
RT: 22.566 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 525667

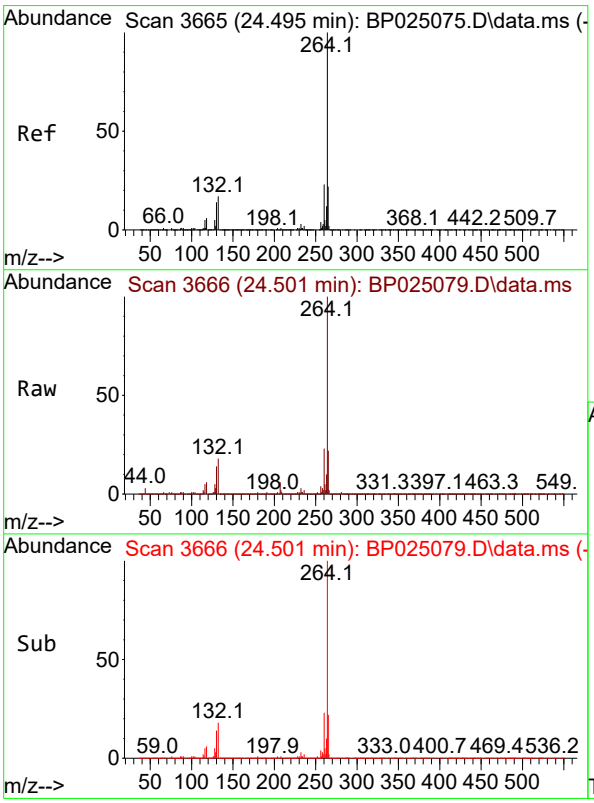
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

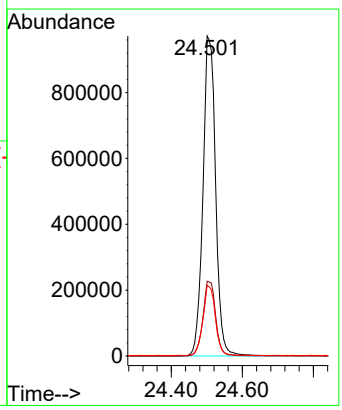
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

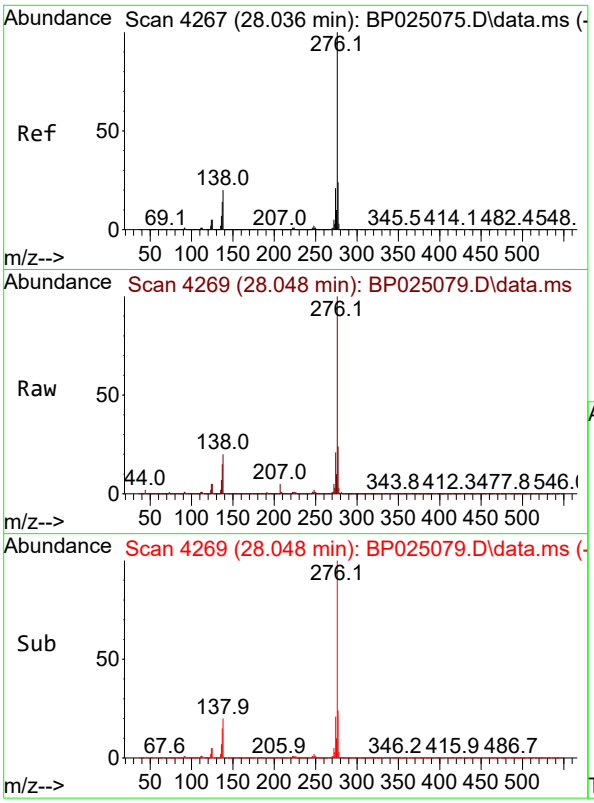


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:264 Resp: 2415004

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.7	26.5

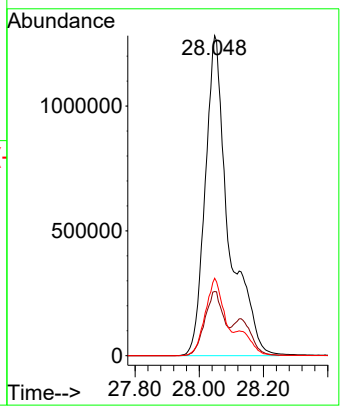




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.211 ng m
RT: 28.048 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 649415

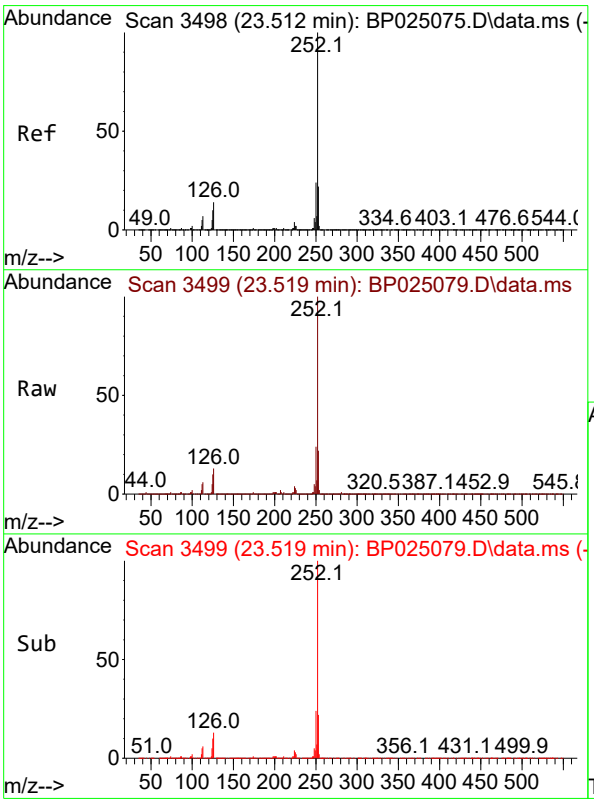
Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

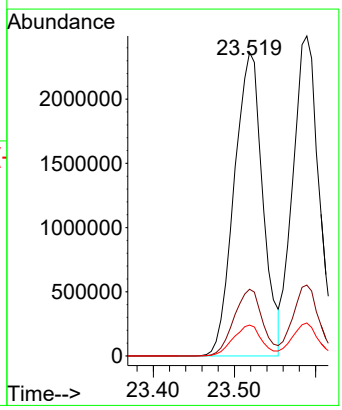
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

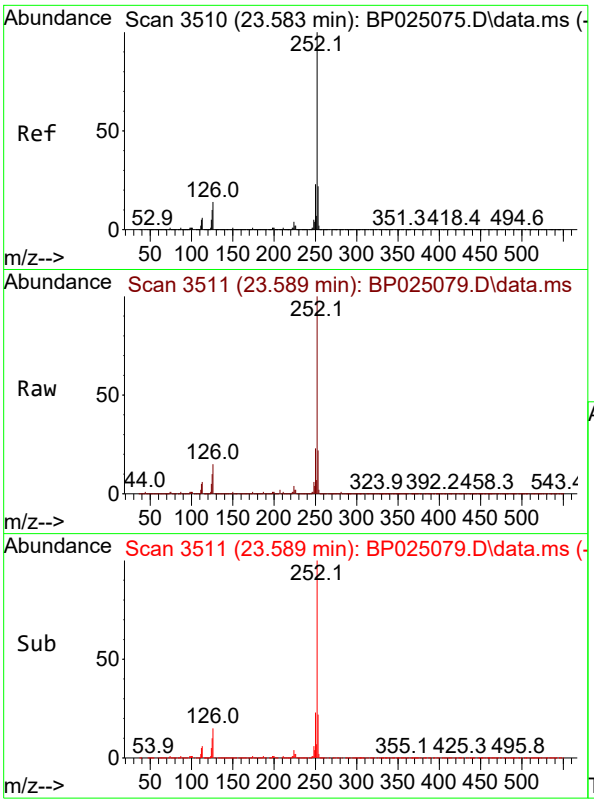


#88
Benzo(b)fluoranthene
Concen: 41.137 ng
RT: 23.519 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 5782492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.1	12.1

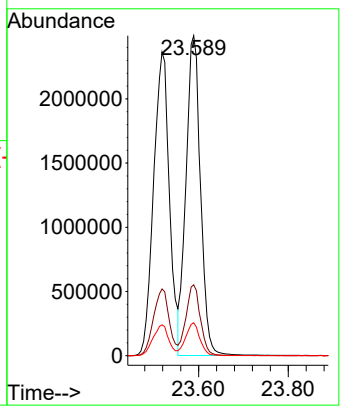




#89
Benzo(k)fluoranthene
Concen: 39.974 ng
RT: 23.589 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 559080

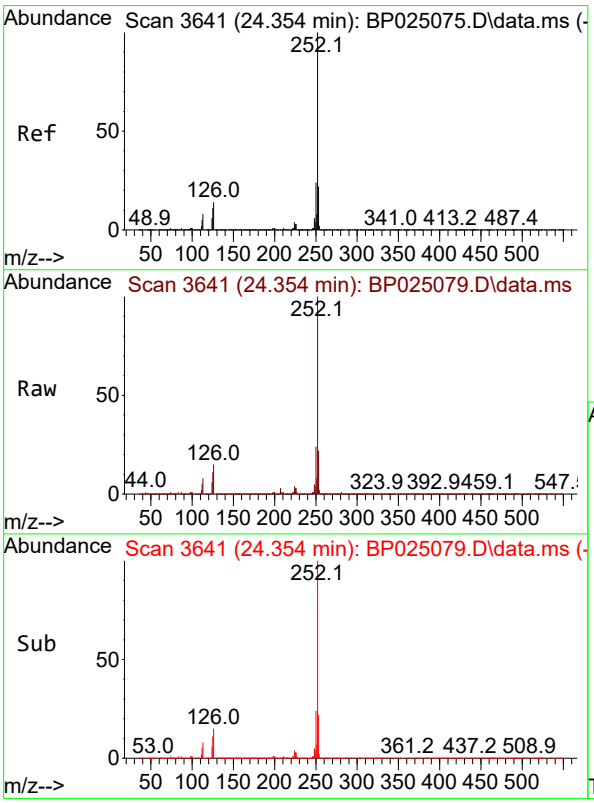
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

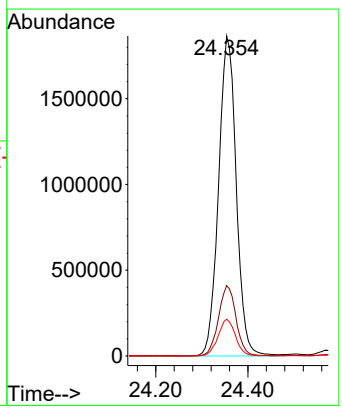
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

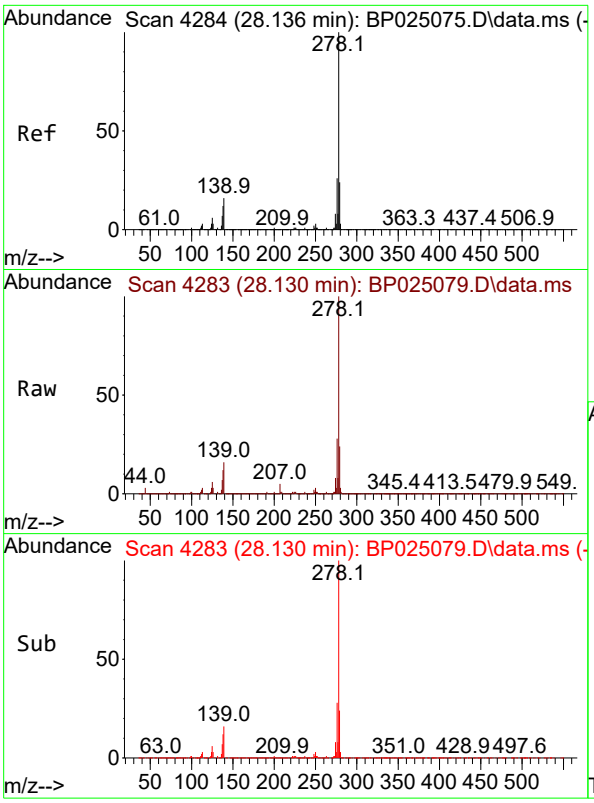


#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 4952570

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.0	13.4

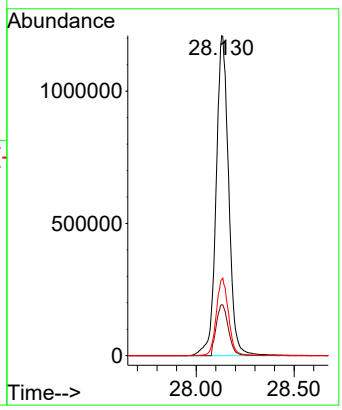




#91
Dibenzo(a,h)anthracene
Concen: 42.422 ng
RT: 28.130 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:278 Resp: 539484

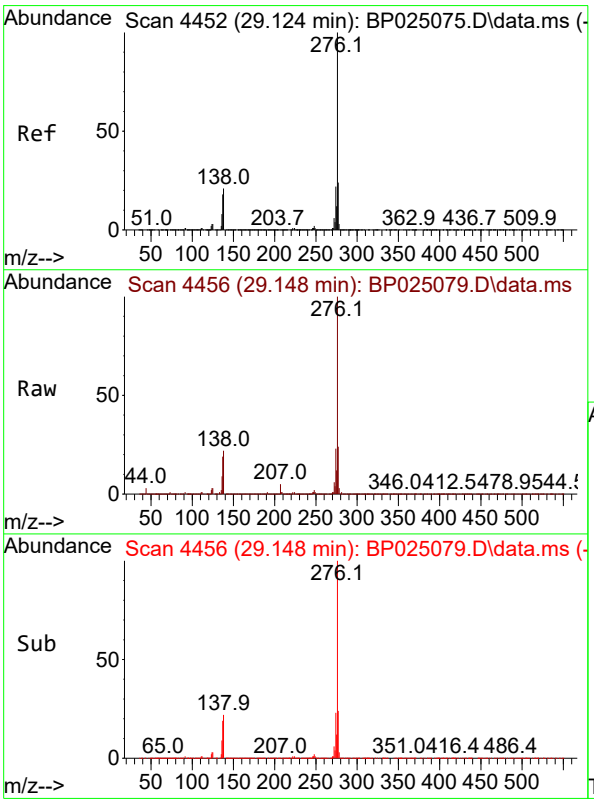
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.8	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

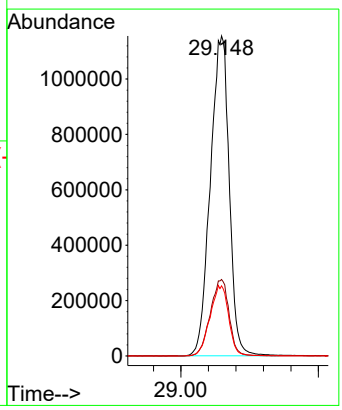
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 41.855 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 5498609

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.9	16.9	25.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	103	0.00
2		1,4-Dioxane	0.439	0.415	5.5	98	0.00
3		Pyridine	1.202	1.172	2.5	98	0.00
4		n-Nitrosodimethylamine	0.509	0.495	2.8	100	0.00
5	S	2-Fluorophenol	1.129	1.126	0.3	102	0.00
6		Aniline	1.376	1.369	0.5	101	0.00
7	S	Phenol-d6	1.473	1.474	-0.1	104	0.00
8		2-Chlorophenol	1.263	1.277	-1.1	104	0.00
9		Benzaldehyde	0.769	0.785	-2.1	111	0.00
10	C	Phenol	1.497	1.483	0.9	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.129	2.0	103	0.00
12		1,3-Dichlorobenzene	1.413	1.392	1.5	104	0.00
13	C	1,4-Dichlorobenzene	1.431	1.409	1.5	103	0.00
14		1,2-Dichlorobenzene	1.377	1.341	2.6	102	0.00
15		Benzyl Alcohol	0.983	1.004	-2.1	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.445	3.5	103	0.00
17		2-Methylphenol	0.964	0.981	-1.8	104	0.00
18		Hexachloroethane	0.466	0.468	-0.4	104	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.885	-1.3	105	0.00
20		3+4-Methylphenols	1.350	1.364	-1.0	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.473	0.461	2.5	104	0.00
23	S	Nitrobenzene-d5	0.301	0.312	-3.7	107	0.00
24		Nitrobenzene	0.306	0.309	-1.0	105	0.00
25		Isophorone	0.562	0.567	-0.9	107	0.00
26	C	2-Nitrophenol	0.128	0.149	-16.4	117	0.00
27		2,4-Dimethylphenol	0.210	0.211	-0.5	107	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	106	0.00
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	106	0.00
30		1,2,4-Trichlorobenzene	0.322	0.318	1.2	105	0.00
31		Naphthalene	1.030	1.008	2.1	105	0.00
32		Benzoic acid	0.185	0.209	-13.0	118	0.00
33		4-Chloroaniline	0.384	0.387	-0.8	104	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	107	0.00
35		Caprolactam	0.099	0.102	-3.0	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.311	-2.3	106	0.00
37		2-Methylnaphthalene	0.727	0.715	1.7	104	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.576	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.161	-7.3	116	0.00
42	S	2,4,6-Tribromophenol	0.236	0.244	-3.4	106	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.371	-6.6	107	0.00
44		2,4,5-Trichlorophenol	0.394	0.417	-5.8	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	106	0.00
46		1,1'-Biphenyl	1.455	1.420	2.4	104	0.00
47		2-Chloronaphthalene	1.094	1.072	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	0.237	0.264	-11.4	109	0.00
49		Acenaphthylene	1.674	1.692	-1.1	106	0.00
50		Dimethylphthalate	1.400	1.405	-0.4	107	0.00
51		2,6-Dinitrotoluene	0.273	0.293	-7.3	106	0.00
52	C	Acenaphthene	1.079	1.061	1.7	106	0.00
53		3-Nitroaniline	0.293	0.318	-8.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.124	-8.8	113	0.00
55		Dibenzofuran	1.781	1.746	2.0	105	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.01
57		2,4-Dinitrotoluene	0.356	0.395	-11.0	108	0.00
58		Fluorene	1.377	1.366	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.379	-6.2	109	0.00
60		Diethylphthalate	1.406	1.427	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	0.682	0.668	2.1	105	0.00
62		4-Nitroaniline	0.307	0.334	-8.8	104	0.00
63		Azobenzene	1.252	1.208	3.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.088	-7.3	113	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.573	-0.2	105	0.01
67		4-Bromophenyl-phenylether	0.205	0.207	-1.0	106	0.00
68		Hexachlorobenzene	0.250	0.247	1.2	104	0.00
69		Atrazine	0.168	0.171	-1.8	104	0.00
70	C	Pentachlorophenol	0.169	0.179	-5.9	109	0.00
71		Phenanthrene	1.069	1.055	1.3	103	0.00
72		Anthracene	1.025	1.035	-1.0	104	0.01
73		Carbazole	1.002	1.005	-0.3	102	0.00
74		Di-n-butylphthalate	1.116	1.193	-6.9	105	0.00
75	C	Fluoranthene	1.249	1.255	-0.5	102	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	0.01
77		Benzidine	0.353	0.463	-31.2#	80	0.00
78		Pyrene	1.239	1.283	-3.6	102	0.00
79	S	Terphenyl-d14	0.910	0.956	-5.1	103	0.02
80		Butylbenzylphthalate	0.402	0.481	-19.7	107	0.01
81		Benzo(a)anthracene	1.212	1.238	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	0.365	0.407	-11.5	103	0.00
83		Chrysene	1.166	1.173	-0.6	99	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.743	-14.3	104	0.01
85	c	Di-n-octyl phthalate	1.054	1.183	-12.2	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.345	-5.6	100	0.01
88		Benzo(b)fluoranthene	1.164	1.197	-2.8	99	0.00
89		Benzo(k)fluoranthene	1.158	1.158	0.0	100	0.00
90	C	Benzo(a)pyrene	0.991	1.025	-3.4	99	0.00
91		Dibenzo(a,h)anthracene	1.053	1.117	-6.1	101	0.00
92		Benzo(g,h,i)perylene	1.088	1.138	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	103	0.00
2		1,4-Dioxane	40.000	37.814	5.5	98	0.00
3		Pyridine	40.000	39.027	2.4	98	0.00
4		n-Nitrosodimethylamine	40.000	38.933	2.7	100	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	102	0.00
6		Aniline	40.000	39.803	0.5	101	0.00
7	S	Phenol-d6	80.000	80.057	-0.1	104	0.00
8		2-Chlorophenol	40.000	40.431	-1.1	104	0.00
9		Benzaldehyde	40.000	40.841	-2.1	111	0.00
10	C	Phenol	40.000	39.645	0.9	103	0.00
11		bis(2-Chloroethyl)ether	40.000	39.206	2.0	103	0.00
12		1,3-Dichlorobenzene	40.000	39.389	1.5	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.387	1.5	103	0.00
14		1,2-Dichlorobenzene	40.000	38.965	2.6	102	0.00
15		Benzyl Alcohol	40.000	40.867	-2.2	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.579	3.6	103	0.00
17		2-Methylphenol	40.000	40.721	-1.8	104	0.00
18		Hexachloroethane	40.000	40.115	-0.3	104	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.521	-1.3	105	0.00
20		3+4-Methylphenols	40.000	40.415	-1.0	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.992	2.5	104	0.00
23	S	Nitrobenzene-d5	80.000	82.866	-3.6	107	0.00
24		Nitrobenzene	40.000	40.369	-0.9	105	0.00
25		Isophorone	40.000	40.360	-0.9	107	0.00
26	C	2-Nitrophenol	40.000	40.694	-1.7	117	0.00
27		2,4-Dimethylphenol	40.000	40.332	-0.8	107	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.567	1.1	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.412	-3.5	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.571	1.1	105	0.00
31		Naphthalene	40.000	39.170	2.1	105	0.00
32		Benzoic acid	40.000	40.952	-2.4	118	0.00
33		4-Chloroaniline	40.000	40.229	-0.6	104	0.00
34	C	Hexachlorobutadiene	40.000	40.154	-0.4	107	0.00
35		Caprolactam	40.000	40.864	-2.2	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.967	-2.4	106	0.00
37		2-Methylnaphthalene	40.000	39.345	1.6	104	0.00
38		1-Methylnaphthalene	40.000	39.301	1.7	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.072	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.989	-7.5	116	0.00
42	S	2,4,6-Tribromophenol	80.000	82.624	-3.3	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.646	-6.6	107	0.00
44		2,4,5-Trichlorophenol	40.000	42.335	-5.8	108	0.00
45	S	2-Fluorobiphenyl	80.000	78.712	1.6	106	0.00
46		1,1'-Biphenyl	40.000	39.032	2.4	104	0.00
47		2-Chloronaphthalene	40.000	39.210	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	39.894	0.3	109	0.00
49		Acenaphthylene	40.000	40.431	-1.1	106	0.00
50		Dimethylphthalate	40.000	40.131	-0.3	107	0.00
51		2,6-Dinitrotoluene	40.000	42.919	-7.3	106	0.00
52	C	Acenaphthene	40.000	39.318	1.7	106	0.00
53		3-Nitroaniline	40.000	43.418	-8.5	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.066	-0.2	113	0.00
55		Dibenzofuran	40.000	39.220	2.0	105	0.00
56	P	4-Nitrophenol	40.000	42.369	-5.9	107	0.01
57		2,4-Dinitrotoluene	40.000	39.932	0.2	108	0.00
58		Fluorene	40.000	39.662	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.414	-6.0	109	0.00
60		Diethylphthalate	40.000	40.587	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	40.000	39.198	2.0	105	0.00
62		4-Nitroaniline	40.000	43.550	-8.9	104	0.00
63		Azobenzene	40.000	38.583	3.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.754	0.6	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.039	-0.1	105	0.01
67		4-Bromophenyl-phenylether	40.000	40.486	-1.2	106	0.00
68		Hexachlorobenzene	40.000	39.499	1.3	104	0.00
69		Atrazine	40.000	40.888	-2.2	104	0.00
70	C	Pentachlorophenol	40.000	42.471	-6.2	109	0.00
71		Phenanthrene	40.000	39.487	1.3	103	0.00
72		Anthracene	40.000	40.385	-1.0	104	0.01
73		Carbazole	40.000	40.086	-0.2	102	0.00
74		Di-n-butylphthalate	40.000	42.761	-6.9	105	0.00
75	C	Fluoranthene	40.000	40.180	-0.4	102	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	0.01
77		Benzidine	40.000	52.461	-31.2#	80	0.00
78		Pyrene	40.000	41.413	-3.5	102	0.00
79	S	Terphenyl-d14	80.000	84.014	-5.0	103	0.02
80		Butylbenzylphthalate	40.000	40.921	-2.3	107	0.01
81		Benzo(a)anthracene	40.000	40.856	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	40.000	44.629	-11.6	103	0.00
83		Chrysene	40.000	40.218	-0.5	99	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.685	-14.2	104	0.01
85	c	Di-n-octyl phthalate	40.000	40.750	-1.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.211	-5.5	100	0.01
88		Benzo(b)fluoranthene	40.000	41.137	-2.8	99	0.00
89		Benzo(k)fluoranthene	40.000	39.974	0.1	100	0.00
90	C	Benzo(a)pyrene	40.000	41.397	-3.5	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.422	-6.1	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.855	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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

Raw Data: **BM050420.D**

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 10:50

Lab File ID: BM050420.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.133		-2.5	
Benzaldehyde	0.871	0.938		7.7	
Phenol-d6	1.465	1.474		0.6	
Phenol	1.528	1.507		-1.4	20.0
bis(2-Chloroethyl)ether	1.223	1.191		-2.6	
2-Chlorophenol	1.225	1.232		0.6	
2-Methylphenol	0.991	0.991		0.0	
2,2-oxybis(1-Chloropropane)	1.802	1.705		-5.4	
Acetophenone	0.500	0.489		-2.2	
3+4-Methylphenols	1.330	1.340		0.8	
n-Nitroso-di-n-propylamine	0.887	0.929	0.050	4.7	
Nitrobenzene-d5	0.392	0.394		0.5	
Hexachloroethane	0.535	0.514		-3.9	
Nitrobenzene	0.350	0.346		-1.1	
Isophorone	0.636	0.654		2.8	
2-Nitrophenol	0.143	0.160		11.9	20.0
2,4-Dimethylphenol	0.303	0.303		0.0	
bis(2-Chloroethoxy)methane	0.422	0.414		-1.9	
2,4-Dichlorophenol	0.312	0.319		2.2	20.0
Naphthalene	1.016	0.984		-3.2	
4-Chloroaniline	0.429	0.437		1.9	
Hexachlorobutadiene	0.228	0.219		-3.9	20.0
Caprolactam	0.085	0.095		11.8	
4-Chloro-3-methylphenol	0.291	0.306		5.2	20.0
2-Methylnaphthalene	0.641	0.641		0.0	
Hexachlorocyclopentadiene	0.407	0.385	0.050	-5.4	
2,4,6-Trichlorophenol	0.391	0.400		2.3	20.0
2-Fluorobiphenyl	1.620	1.546		-4.6	
2,4,5-Trichlorophenol	0.428	0.436		1.9	
1,1-Biphenyl	1.484	1.416		-4.6	
2-Chloronaphthalene	1.183	1.128		-4.6	
2-Nitroaniline	0.264	0.286		8.3	
Dimethylphthalate	1.377	1.364		-0.9	
Acenaphthylene	1.788	1.762		-1.5	
2,6-Dinitrotoluene	0.264	0.285		8.0	
3-Nitroaniline	0.281	0.305		8.5	
Acenaphthene	1.137	1.112		-2.2	20.0
2,4-Dinitrophenol	0.121	0.141	0.050	16.5	
4-Nitrophenol	0.242	0.255	0.050	5.4	

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 10:50

Lab File ID: BM050420.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.695		-3.2	
2,4-Dinitrotoluene	0.350	0.390		11.4	
Diethylphthalate	1.315	1.310		-0.4	
4-Chlorophenyl-phenylether	0.754	0.737		-2.3	
Fluorene	1.443	1.411		-2.2	
4-Nitroaniline	0.288	0.317		10.1	
4,6-Dinitro-2-methylphenol	0.095	0.107		12.6	
n-Nitrosodiphenylamine	0.626	0.612		-2.2	20.0
2,4,6-Tribromophenol	0.243	0.261		7.4	
4-Bromophenyl-phenylether	0.220	0.218		-0.9	
Hexachlorobenzene	0.260	0.256		-1.5	
Atrazine	0.206	0.211		2.4	
Pentachlorophenol	0.162	0.166		2.5	20.0
Phenanthrene	1.132	1.094		-3.4	
Anthracene	1.127	1.116		-1.0	
Carbazole	1.019	1.020		0.1	
Di-n-butylphthalate	1.116	1.136		1.8	
Fluoranthene	1.230	1.238		0.6	20.0
Pyrene	1.281	1.254		-2.1	
Terphenyl-d14	1.137	1.202		5.7	
Butylbenzylphthalate	0.422	0.467		10.7	
3,3-Dichlorobenzidine	0.439	0.447		1.8	
Benzo(a)anthracene	1.303	1.287		-1.2	
Chrysene	1.229	1.207		-1.8	
Bis(2-ethylhexyl)phthalate	0.670	0.726		8.4	
Di-n-octyl phthalate	1.050	1.156		10.1	20.0
Benzo(b)fluoranthene	1.230	1.223		-0.6	
Benzo(k)fluoranthene	1.276	1.240		-2.8	
Benzo(a)pyrene	1.152	1.156		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.435		0.9	
Dibenzo(a,h)anthracene	1.198	1.200		0.2	
Benzo(g,h,i)perylene	1.132	1.132		0.0	
1,2,4,5-Tetrachlorobenzene	0.636	0.608		-4.4	
1,4-Dioxane	0.478	0.451		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.372		3.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	419216	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1606681	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	1065313	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	2063489	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2163428	20.000	ng		-0.01
86) Perylene-d12	24.474	264	2167995	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1899081	77.977	ng		0.00
7) Phenol-d6	7.022	99	2472299	80.527	ng		0.00
23) Nitrobenzene-d5	9.016	82	2529742	80.329	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1113139	85.999	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6587806	76.367	ng		0.00
79) Terphenyl-d14	19.833	244	10401334	84.591	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	377878	37.733	ng		99
3) Pyridine	3.734	79	1007702	38.328	ng		99
4) n-Nitrosodimethylamine	3.640	42	467660	38.154	ng		99
6) Aniline	7.187	93	1589404	40.340	ng		99
8) 2-Chlorophenol	7.428	128	1033079	40.228	ng		97
9) Benzaldehyde	6.998	77	786219	43.050	ng		99
10) Phenol	7.051	94	1263224	39.449	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	998770	38.947	ng		100
12) 1,3-Dichlorobenzene	7.751	146	1187590	38.032	ng		99
13) 1,4-Dichlorobenzene	7.898	146	1214441	38.088	ng		98
14) 1,2-Dichlorobenzene	8.216	146	1161938	38.064	ng		100
15) Benzyl Alcohol	8.098	79	878132	40.594	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1429222	37.836	ng		99
17) 2-Methylphenol	8.298	107	831011	40.013	ng		99
18) Hexachloroethane	8.951	117	430779	38.415	ng		95
19) n-Nitroso-di-n-propyla...	8.669	70	778850	41.876	ng		98
20) 3+4-Methylphenols	8.628	107	1123220	40.287	ng		99
22) Acetophenone	8.681	105	1572013	39.133	ng	#	98
24) Nitrobenzene	9.057	77	1110410	39.513	ng		100
25) Isophorone	9.587	82	2102869	41.151	ng		99
26) 2-Nitrophenol	9.769	139	513135	44.802	ng		99
27) 2,4-Dimethylphenol	9.828	122	973413	39.940	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	1330631	39.296	ng		99
29) 2,4-Dichlorophenol	10.304	162	1024716	40.926	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1161475	38.777	ng		100
31) Naphthalene	10.710	128	3160723	38.731	ng		100
32) Benzoic acid	9.945	122	612778	41.838	ng		98
33) 4-Chloroaniline	10.810	127	1403750	40.688	ng		99
34) Hexachlorobutadiene	11.004	225	702668	38.436	ng		99
35) Caprolactam	11.581	113	304052	44.483	ng		96
36) 4-Chloro-3-methylphenol	11.928	107	982825	42.034	ng		99
37) 2-Methylnaphthalene	12.316	142	2060229	39.983	ng		99
38) 1-Methylnaphthalene	12.533	142	2184576	40.061	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1295477	38.240	ng		100
41) Hexachlorocyclopentadiene	12.675	237	821125	37.918	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	853278	40.918	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

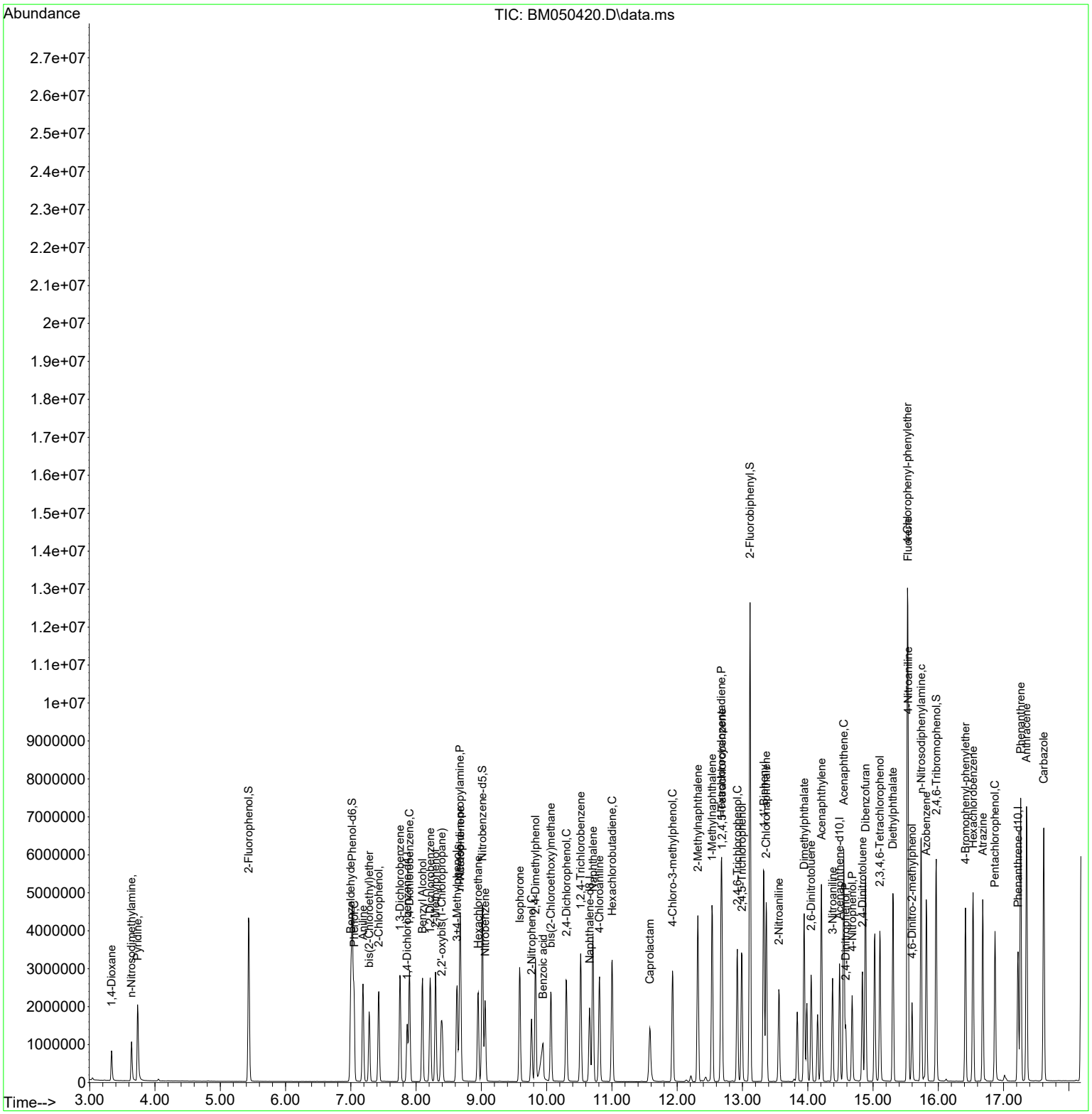
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	928457	40.768	ng	97
46) 1,1'-Biphenyl	13.327	154	3017288	38.175	ng	99
47) 2-Chloronaphthalene	13.363	162	2404003	38.147	ng	100
48) 2-Nitroaniline	13.557	65	608727	43.275	ng	98
49) Acenaphthylene	14.210	152	3753845	39.415	ng	99
50) Dimethylphthalate	13.945	163	2906048	39.622	ng	100
51) 2,6-Dinitrotoluene	14.051	165	606592	43.075	ng	98
52) Acenaphthene	14.551	154	2369153	39.128	ng	99
53) 3-Nitroaniline	14.380	138	649068	43.339	ng	99
54) 2,4-Dinitrophenol	14.580	184	301295	42.075	ng	94
55) Dibenzofuran	14.886	168	3610434	38.699	ng	100
56) 4-Nitrophenol	14.680	139	543301	42.184	ng	97
57) 2,4-Dinitrotoluene	14.839	165	831828	39.943	ng	95
58) Fluorene	15.533	166	3006034	39.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	792210	41.323	ng	100
60) Diethylphthalate	15.304	149	2791367	39.842	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1570452	39.084	ng	99
62) 4-Nitroaniline	15.539	138	675063	39.682	ng	98
63) Azobenzene	15.816	77	2540400	39.488	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	440784	40.812	ng	94
66) n-Nitrosodiphenylamine	15.739	169	2524415	39.096	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	901706	39.662	ng	98
68) Hexachlorobenzene	16.533	284	1054526	39.272	ng	98
69) Atrazine	16.680	200	871752	41.115	ng	100
70) Pentachlorophenol	16.868	266	686109	41.046	ng	100
71) Phenanthrene	17.262	178	4514858	38.667	ng	99
72) Anthracene	17.351	178	4607118	39.639	ng	100
73) Carbazole	17.615	167	4208901	40.022	ng	99
74) Di-n-butylphthalate	18.186	149	4687453	40.722	ng	100
75) Fluoranthene	19.268	202	5108597	40.246	ng	99
77) Benzidine	19.445	184	1874376	33.968	ng	100
78) Pyrene	19.627	202	5427881	39.174	ng	100
80) Butylbenzylphthalate	20.527	149	2019468	44.203	ng	99
81) Benzo(a)anthracene	21.427	228	5570170	39.515	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1933638	40.676	ng	99
83) Chrysene	21.486	228	5224115	39.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	3141688	43.318	ng	98
85) Di-n-octyl phthalate	22.503	149	5003034	44.044	ng	99
87) Indeno(1,2,3-cd)pyrene	27.909	276	6221760	40.364	ng	99
88) Benzo(b)fluoranthene	23.521	252	5301218	39.753	ng	99
89) Benzo(k)fluoranthene	23.586	252	5378004	38.867	ng	100
90) Benzo(a)pyrene	24.333	252	5013387	40.161	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	5203687	40.085	ng	99
92) Benzo(g,h,i)perylene	28.974	276	4906949	39.995	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



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Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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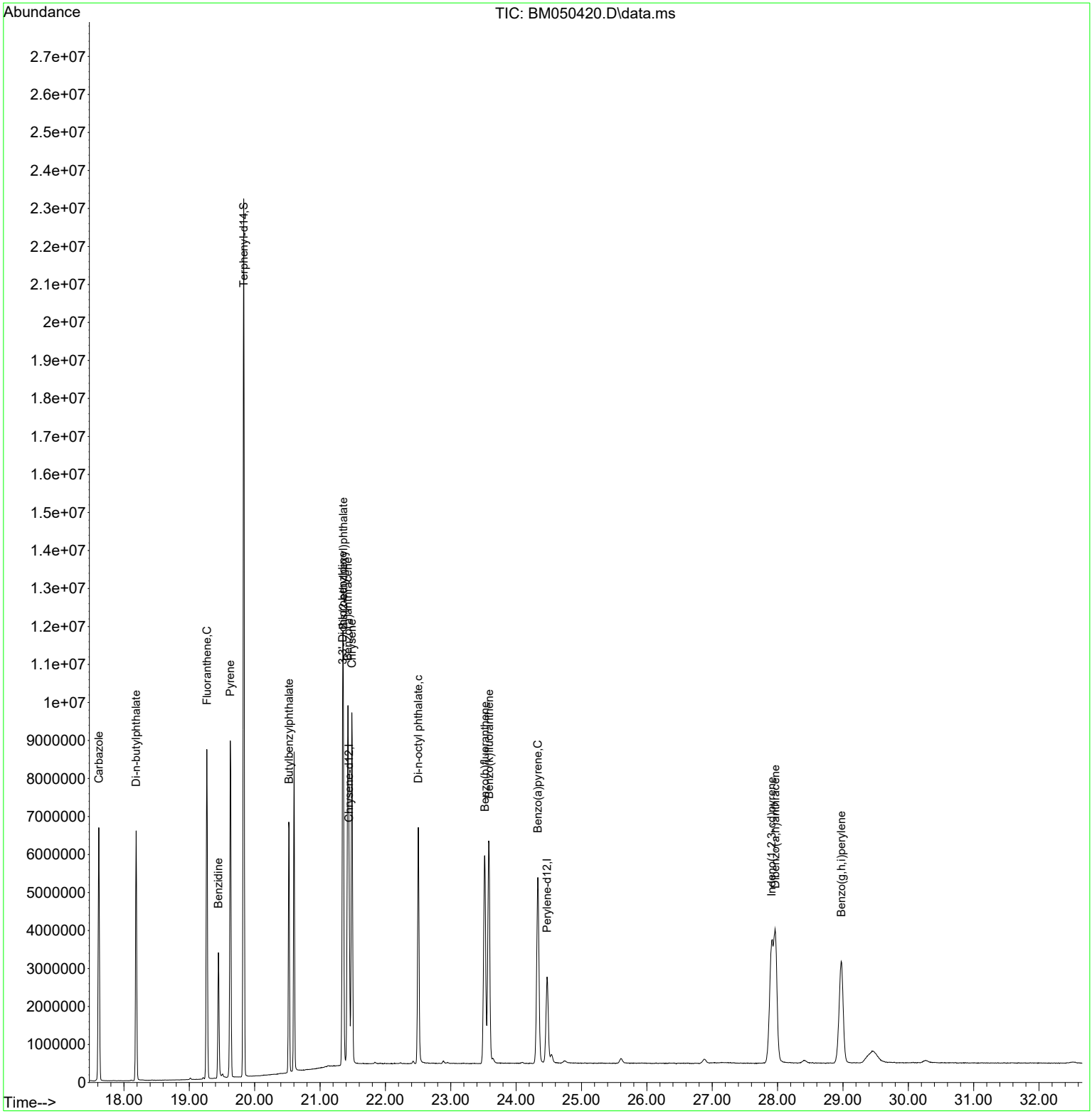
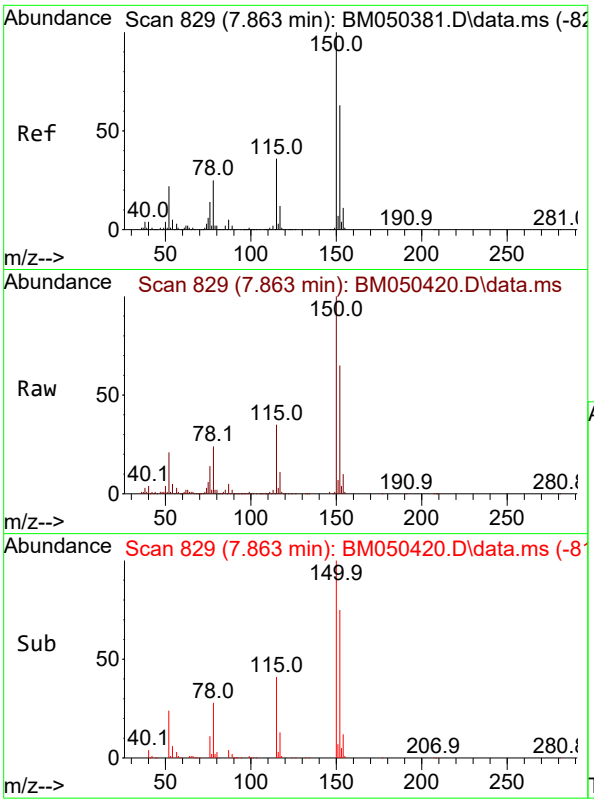
Response via : Initial Calibration



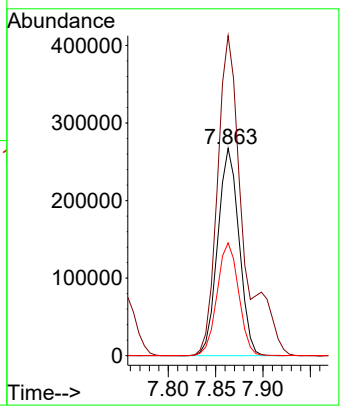


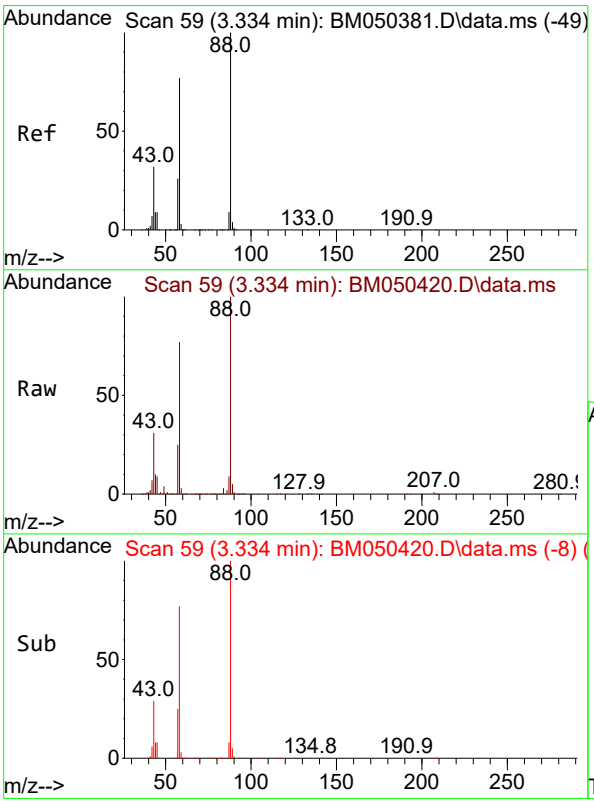
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 419216

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.4
115	54.4	45.8	68.8

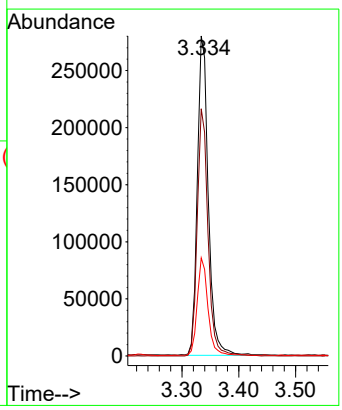


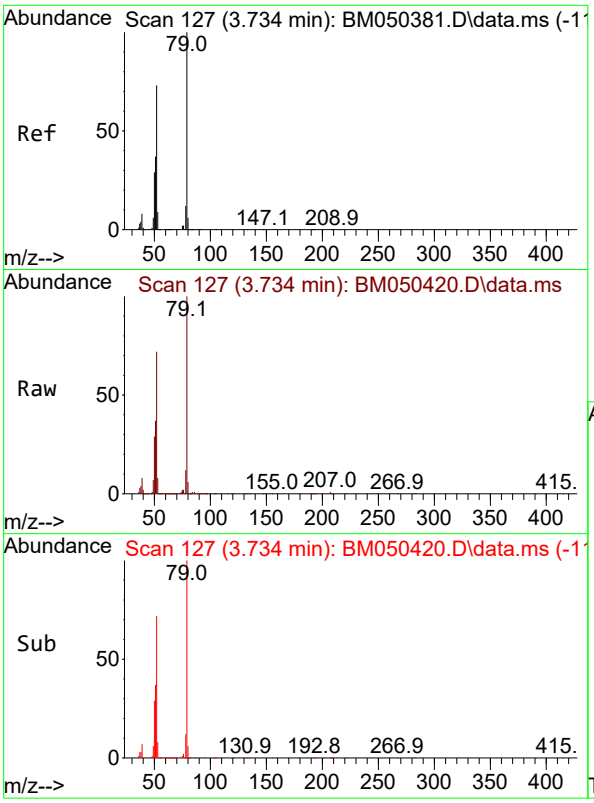


#2
1,4-Dioxane
Concen: 37.733 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 88 Resp: 377878

Ion	Ratio	Lower	Upper
88	100		
58	75.9	61.0	91.6
43	29.9	24.6	37.0



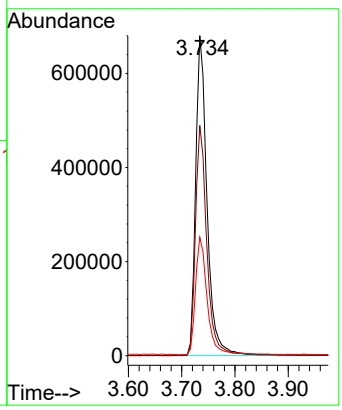


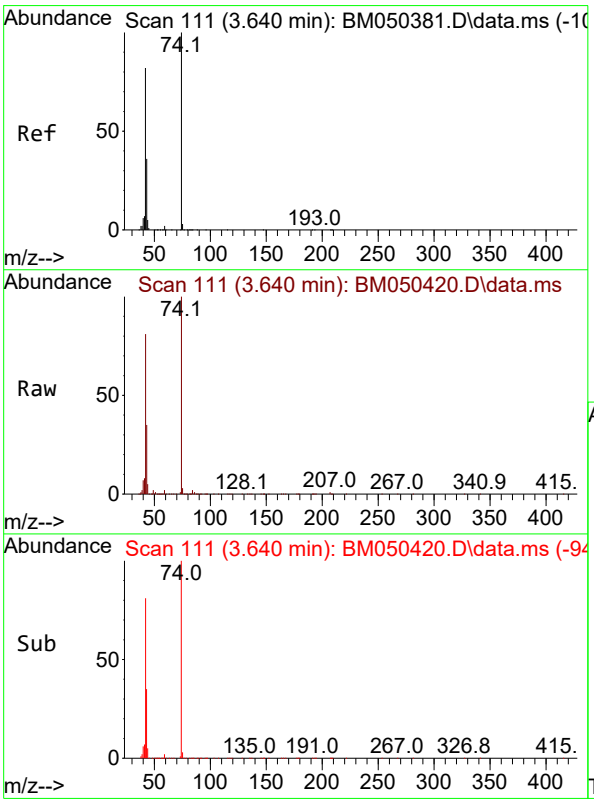
#3
Pyridine
Concen: 38.328 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1007702

Ion	Ratio	Lower	Upper
79	100		
52	71.9	58.3	87.5
51	37.0	29.6	44.4

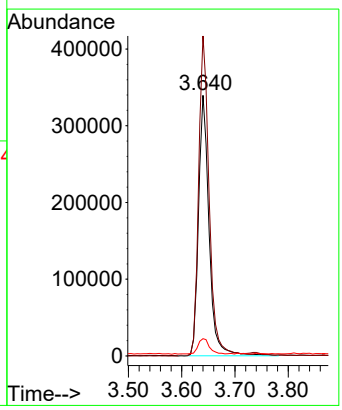


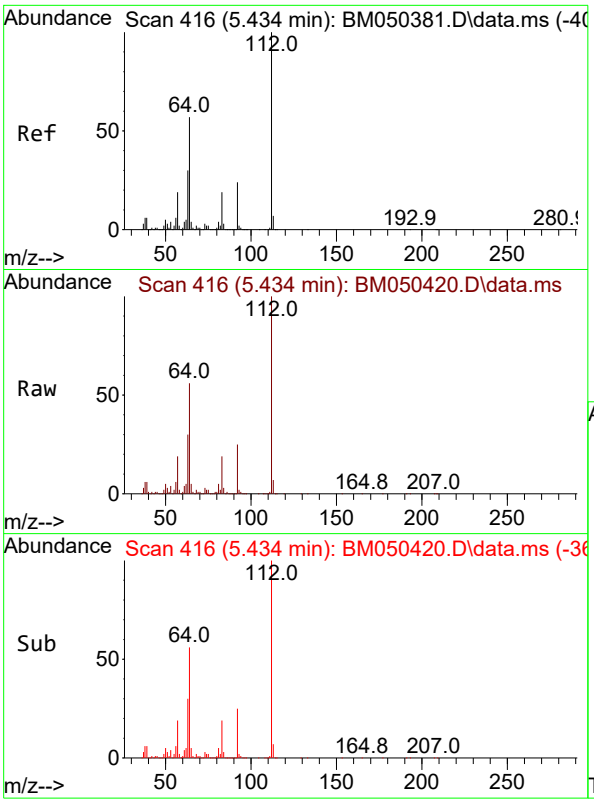


#4
n-Nitrosodimethylamine
Concen: 38.154 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 42 Resp: 467660

Ion	Ratio	Lower	Upper
42	100		
74	122.8	97.5	146.3
44	6.6	5.7	8.5



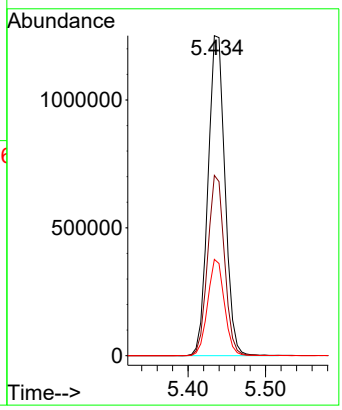


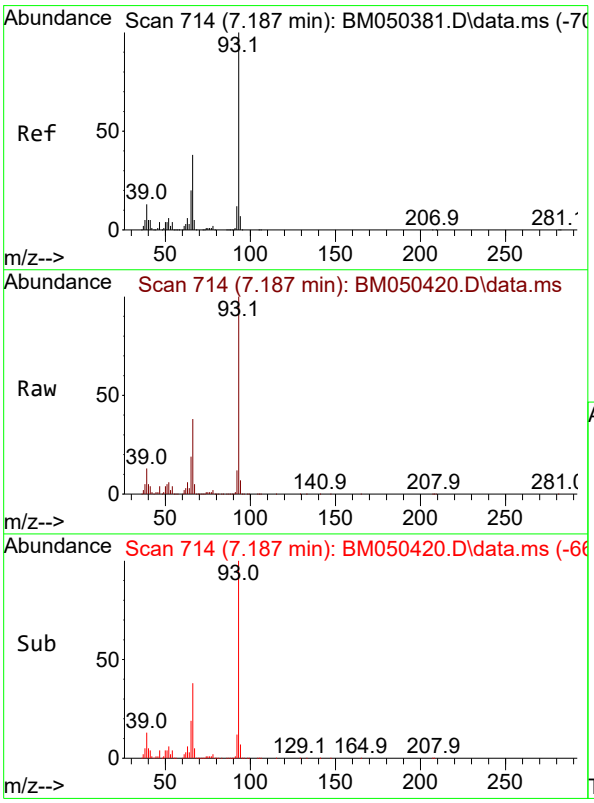
#5
2-Fluorophenol
Concen: 77.977 ng
RT: 5.434 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1899081

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	30.1	24.2	36.4

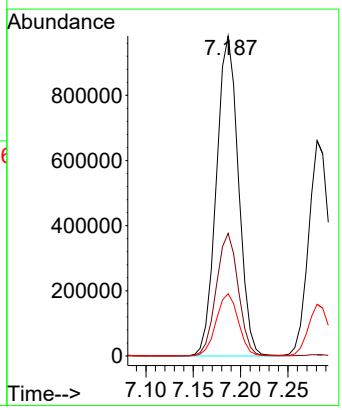


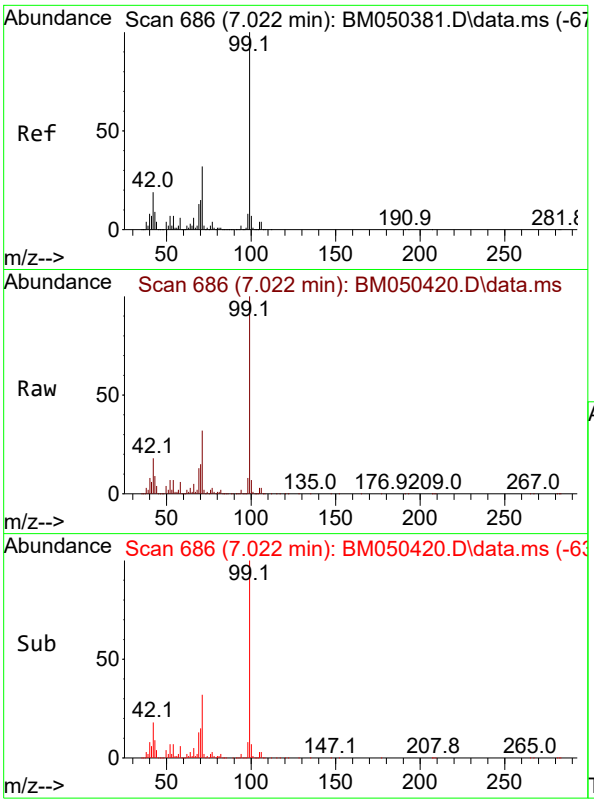


#6
Aniline
Concen: 40.340 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 93 Resp: 1589404

Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.5	45.7
65	19.5	15.9	23.9



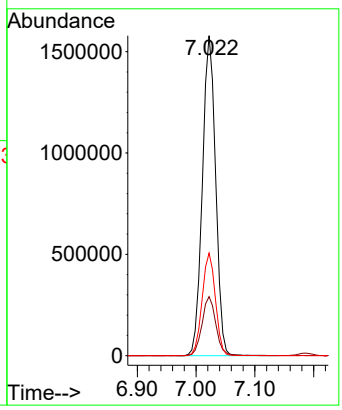


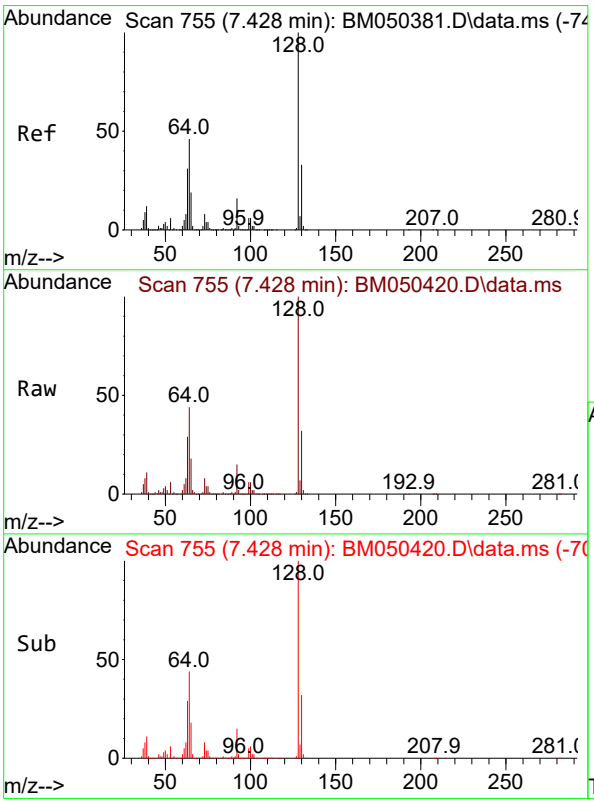
#7
Phenol-d6
Concen: 80.527 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2472299

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.6
71	32.0	25.9	38.9

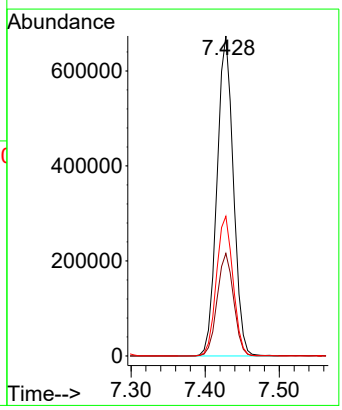


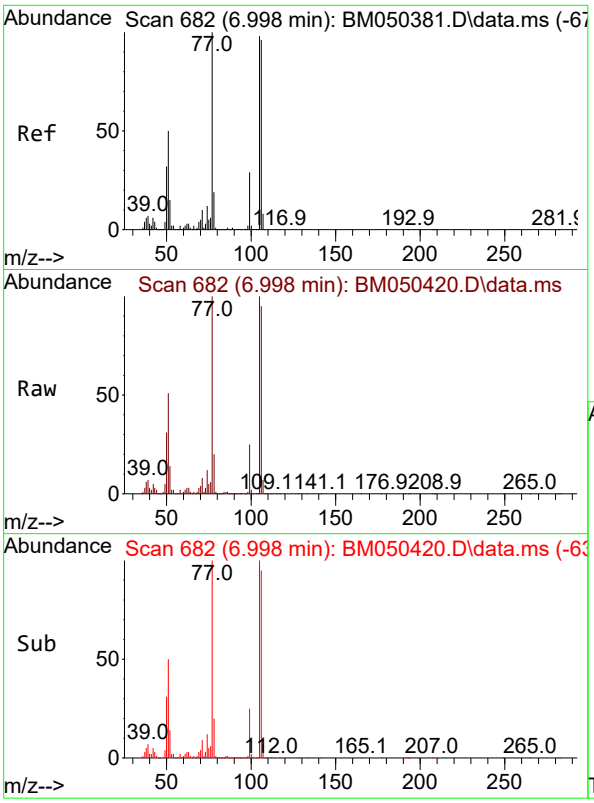


#8
2-Chlorophenol
Concen: 40.228 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:128 Resp: 1033079

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	43.7	25.6	65.6



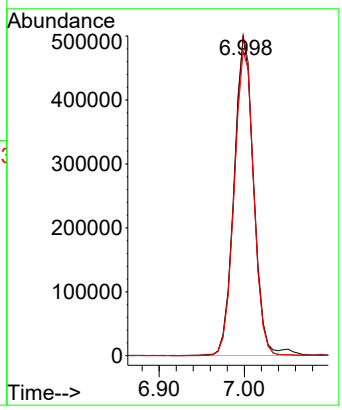


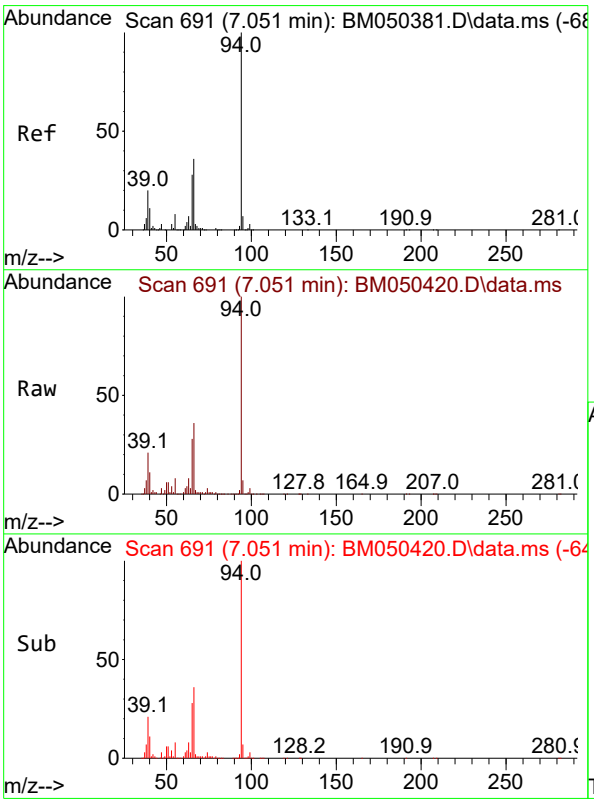
#9
Benzaldehyde
Concen: 43.050 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 786219

Ion	Ratio	Lower	Upper
77	100		
105	100.4	78.4	118.4
106	95.5	76.3	116.3

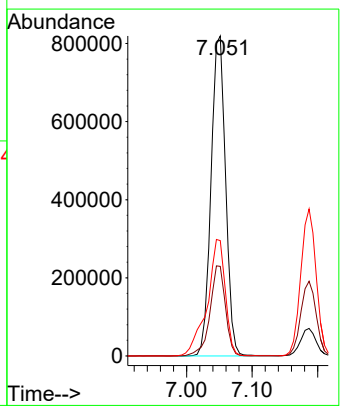


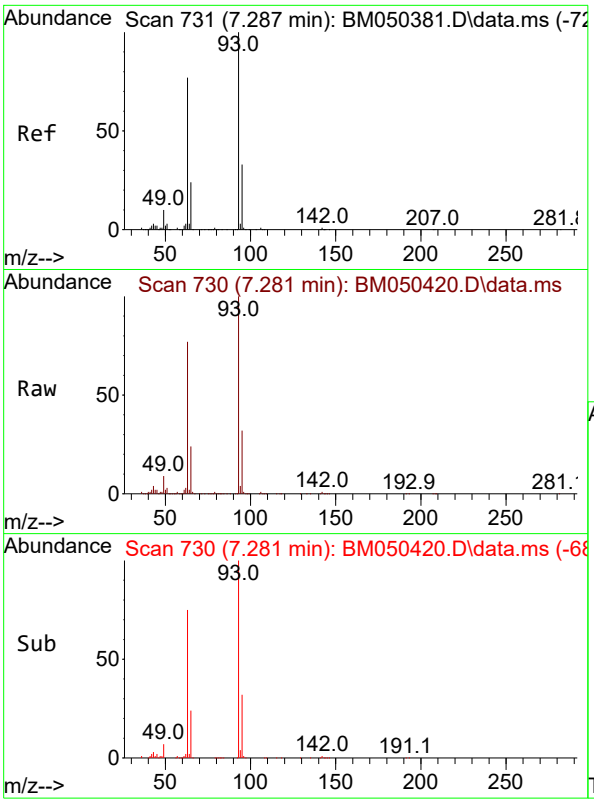


#10
Phenol
Concen: 39.449 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 94 Resp: 1263224

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	36.1	15.8	55.8



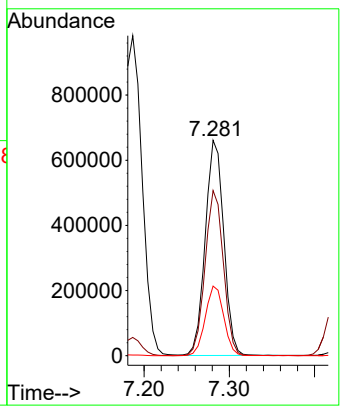


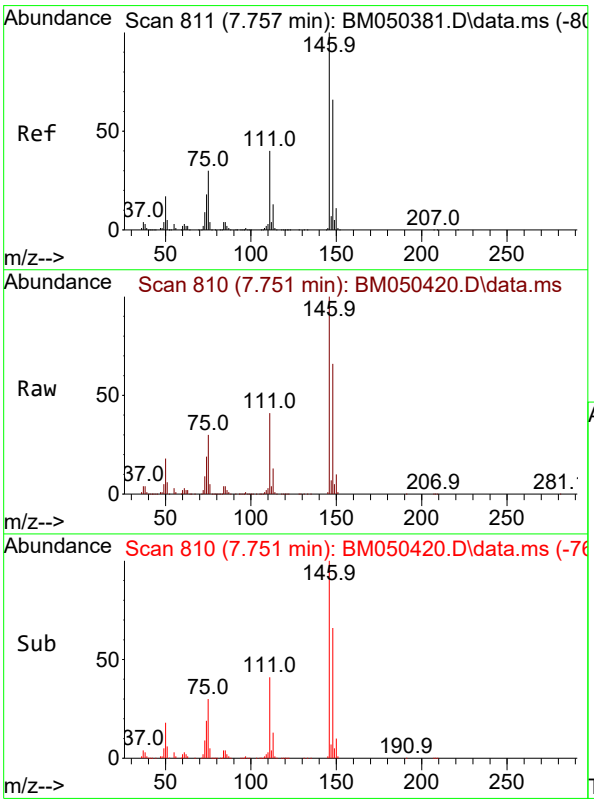
#11
bis(2-Chloroethyl)ether
Concen: 38.947 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 998770

Ion	Ratio	Lower	Upper
93	100		
63	76.7	56.9	96.9
95	32.3	12.6	52.6

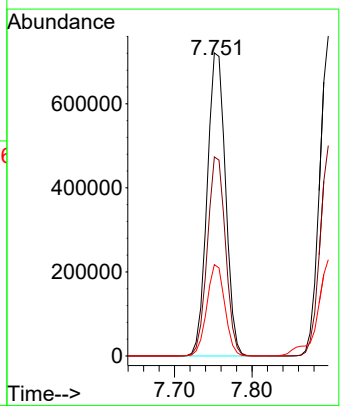


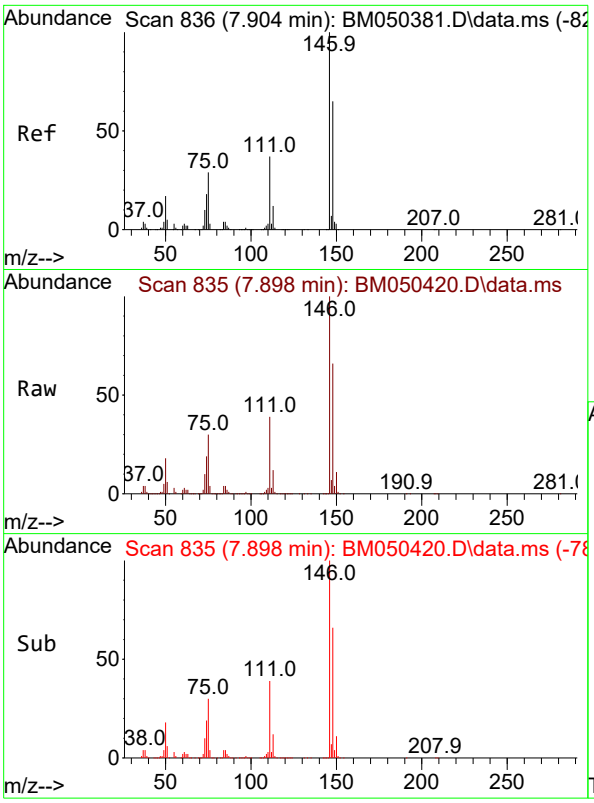


#12
1,3-Dichlorobenzene
Concen: 38.032 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:146 Resp: 1187590

Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.2	79.8
75	30.1	23.9	35.9



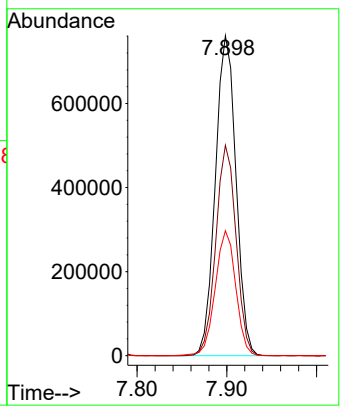


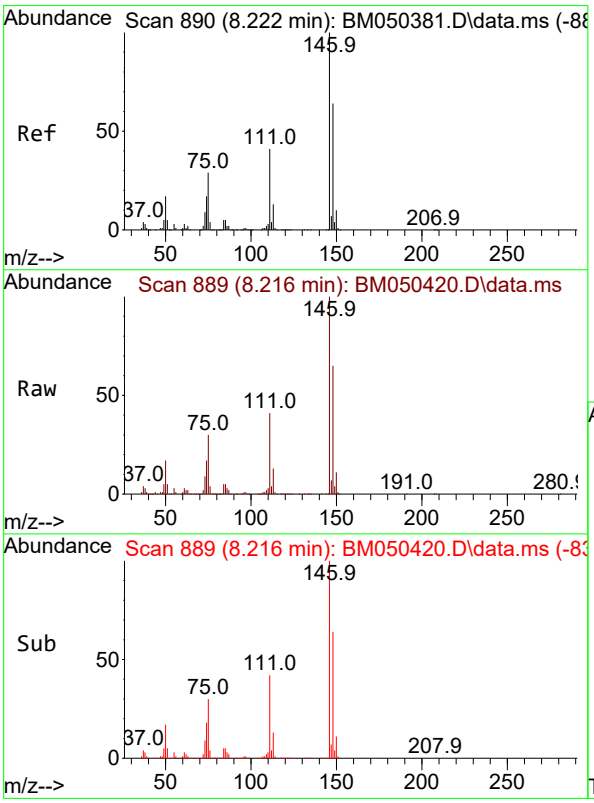
#13
1,4-Dichlorobenzene
Concen: 38.088 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1214441

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	39.1	30.0	45.0

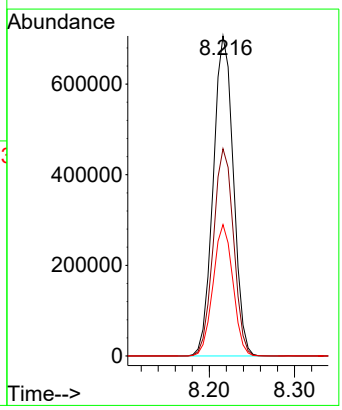


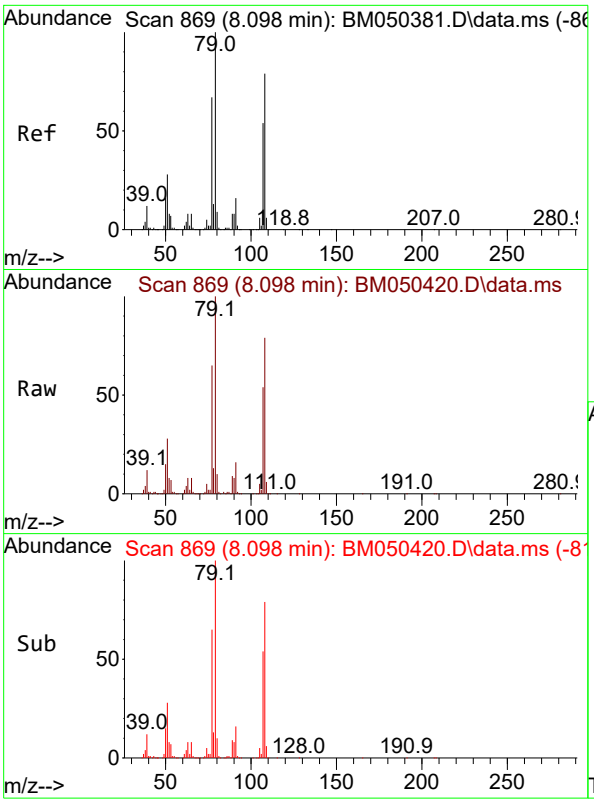


#14
1,2-Dichlorobenzene
Concen: 38.064 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:146 Resp: 1161938

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	41.0	32.6	49.0



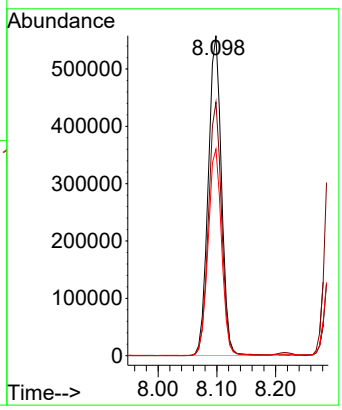


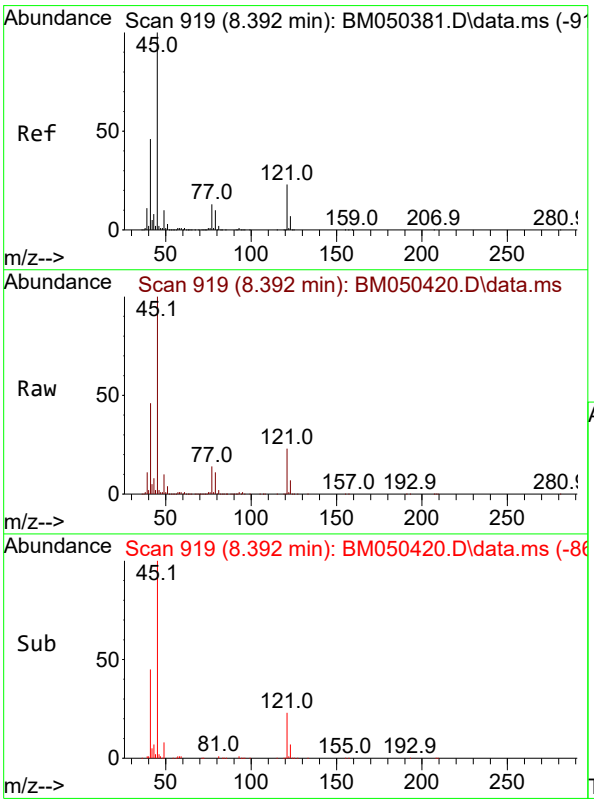
#15
Benzyl Alcohol
Concen: 40.594 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 878132

Ion	Ratio	Lower	Upper
79	100		
108	79.2	63.0	94.4
77	64.6	53.4	80.0

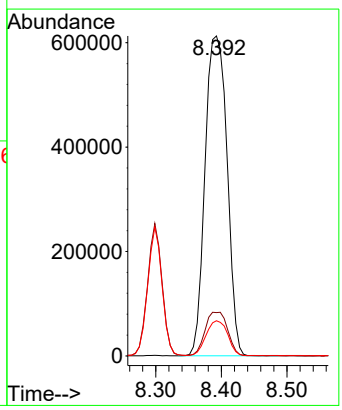


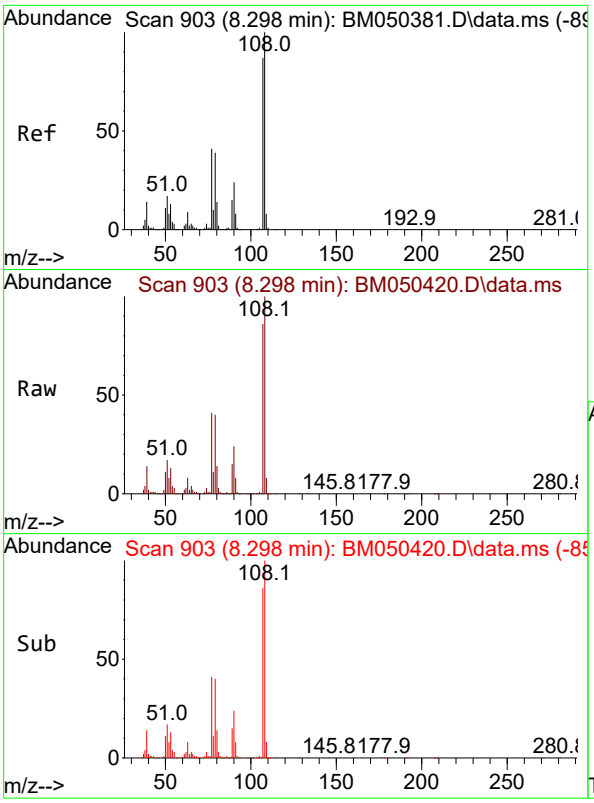


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.836 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 45 Resp: 1429222

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.5
79	11.0	0.0	30.3



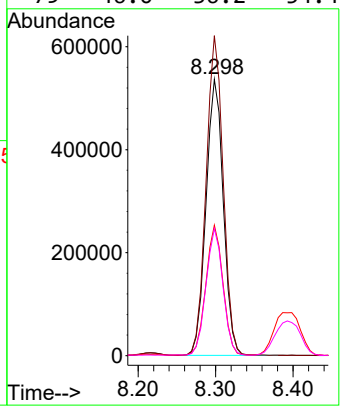


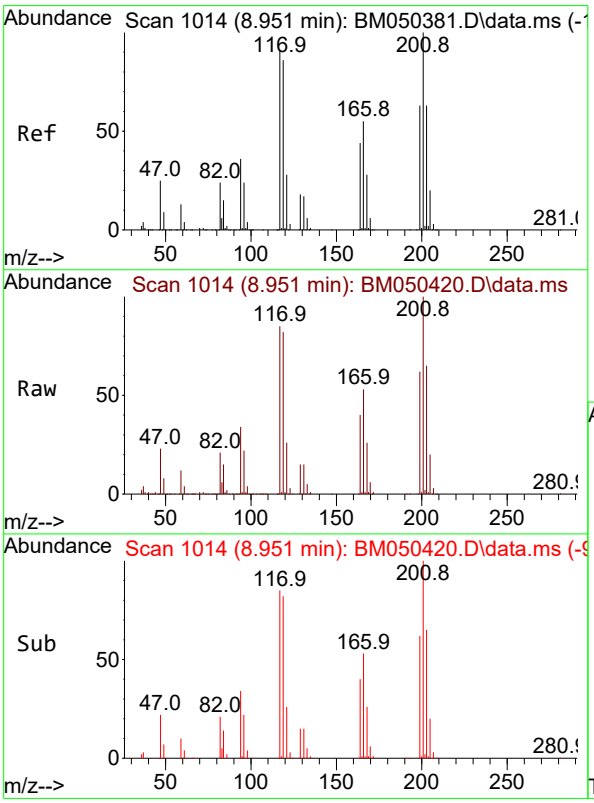
#17
2-Methylphenol
Concen: 40.013 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 831011

Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.1	138.1
77	47.3	38.2	57.4
79	46.0	36.2	54.4

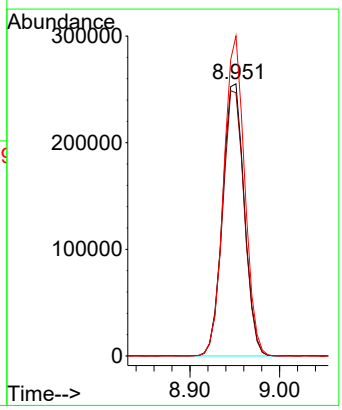


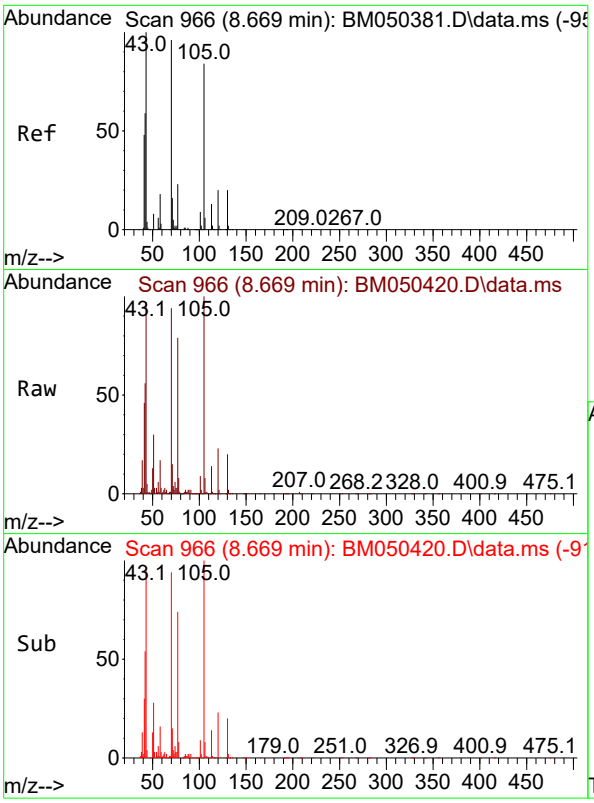


#18
Hexachloroethane
Concen: 38.415 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:117 Resp: 430779

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	117.6	87.9	131.9



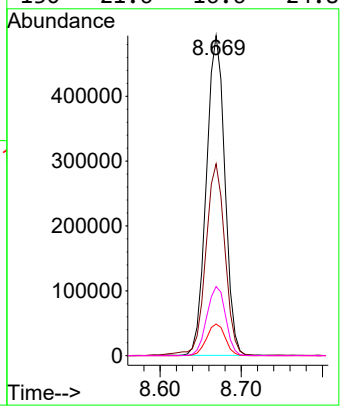


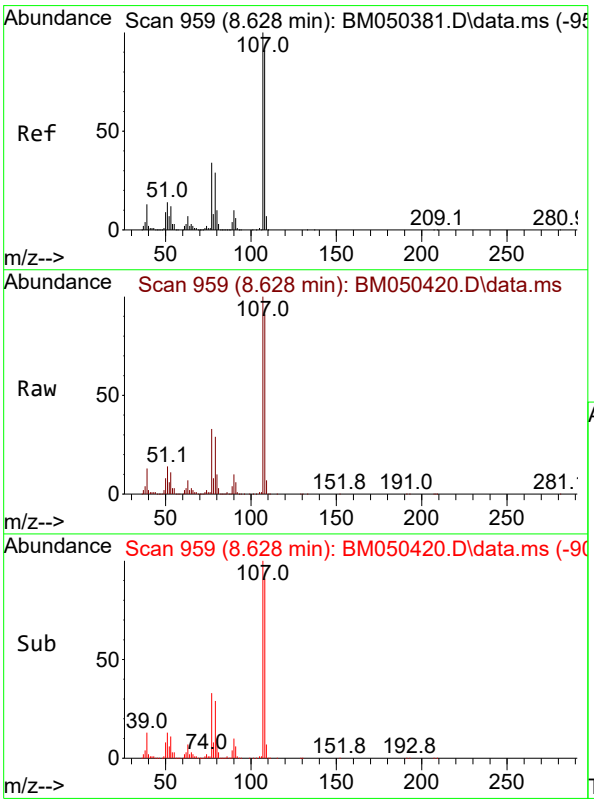
#19
n-Nitroso-di-n-propylamine
Concen: 41.876 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 778850

Ion	Ratio	Lower	Upper
70	100		
42	59.9	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

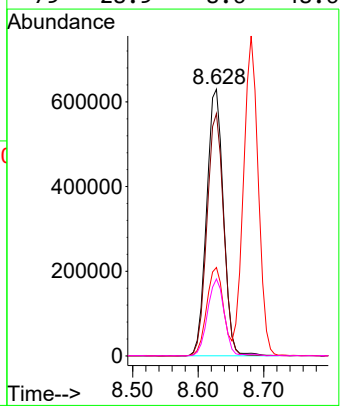


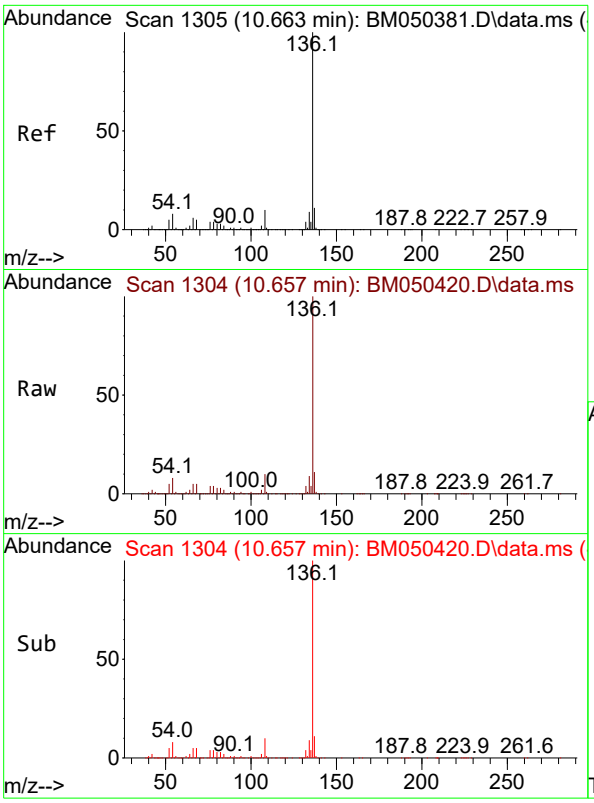


#20
3+4-Methylphenols
Concen: 40.287 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:107 Resp: 1123220

Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.5	111.5
77	33.2	13.7	53.7
79	28.9	8.6	48.6



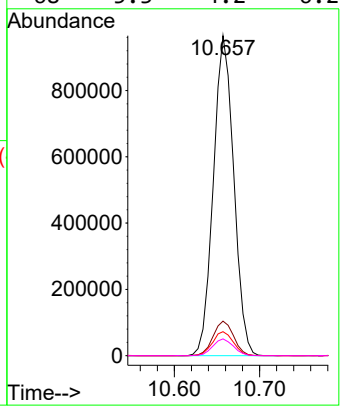


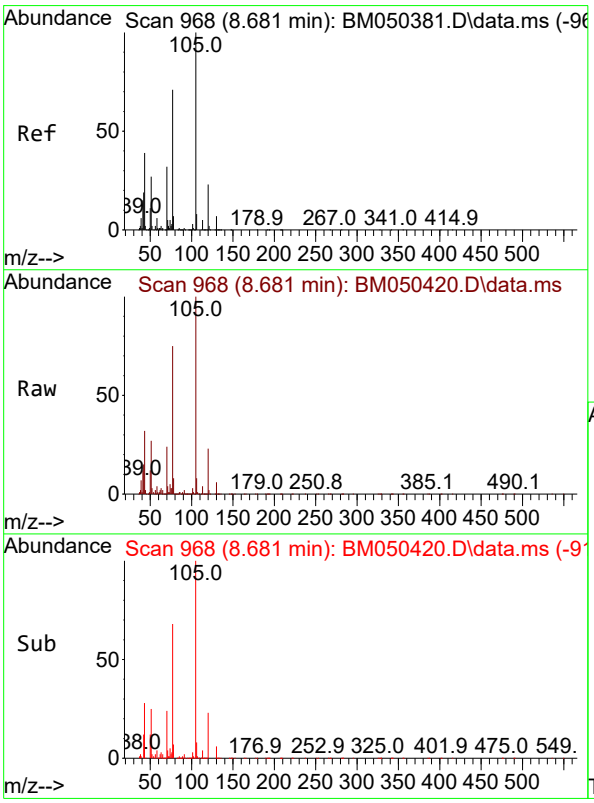
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1606681

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.3	4.2	6.2

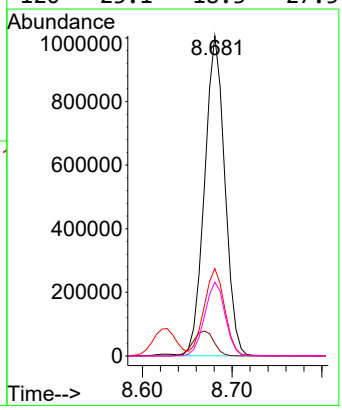


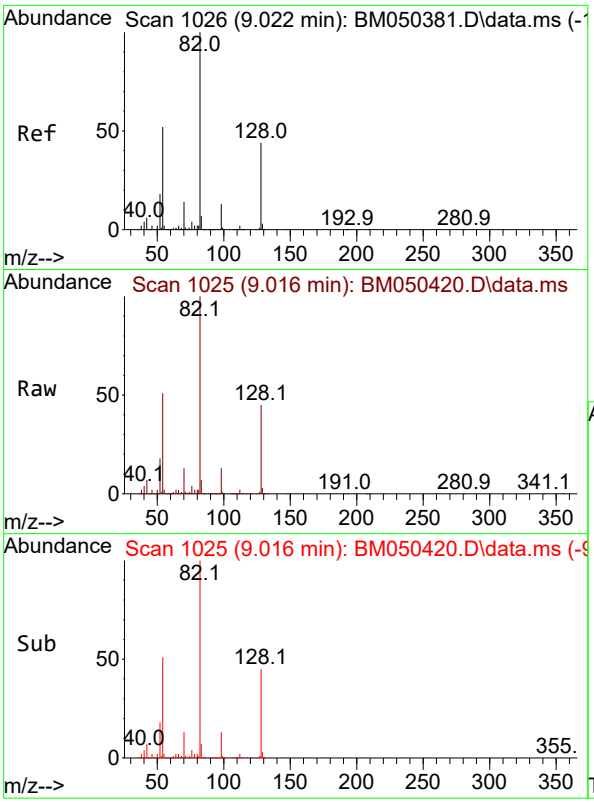


#22
Acetophenone
Concen: 39.133 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:105 Resp: 1572013

Ion	Ratio	Lower	Upper
105	100		
71	4.0	4.4	6.6#
51	27.3	23.0	34.6
120	23.1	18.3	27.5



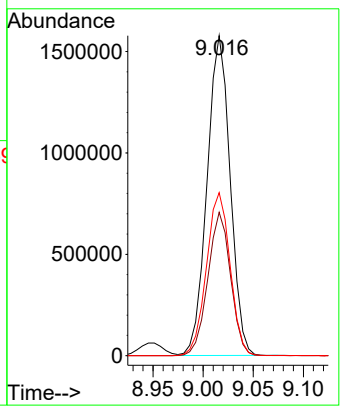


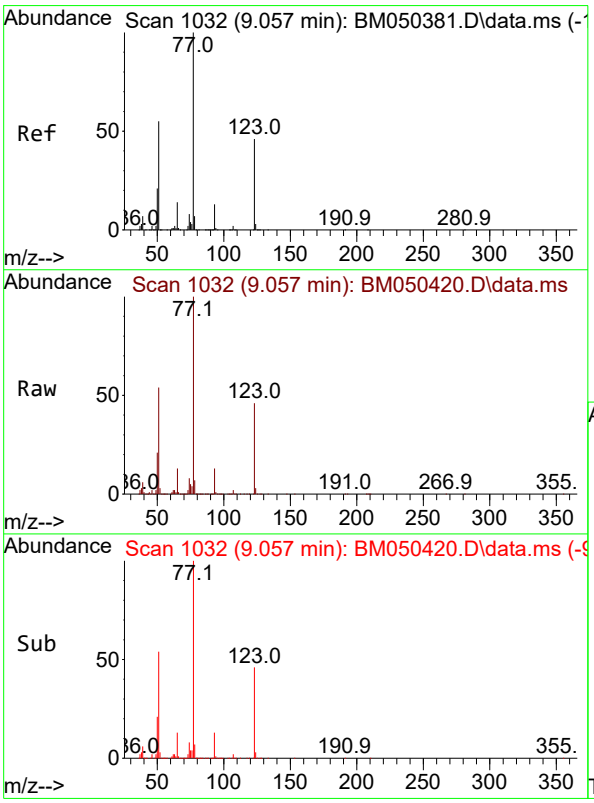
#23
Nitrobenzene-d5
Concen: 80.329 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2529742

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.2	52.8
54	51.0	41.5	62.3

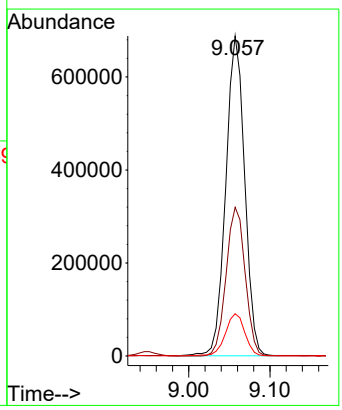


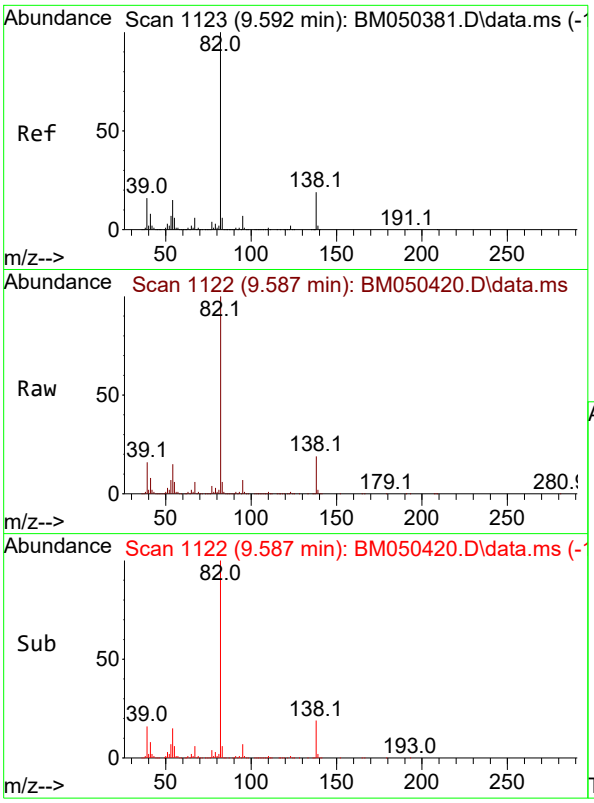


#24
Nitrobenzene
Concen: 39.513 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 77 Resp: 1110410

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.0	55.6
65	13.2	11.0	16.4



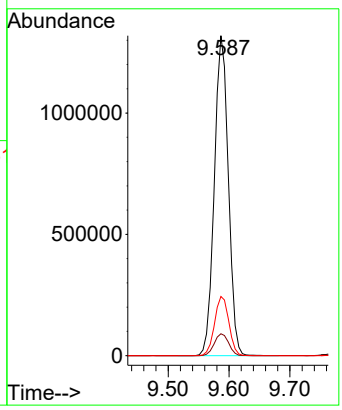


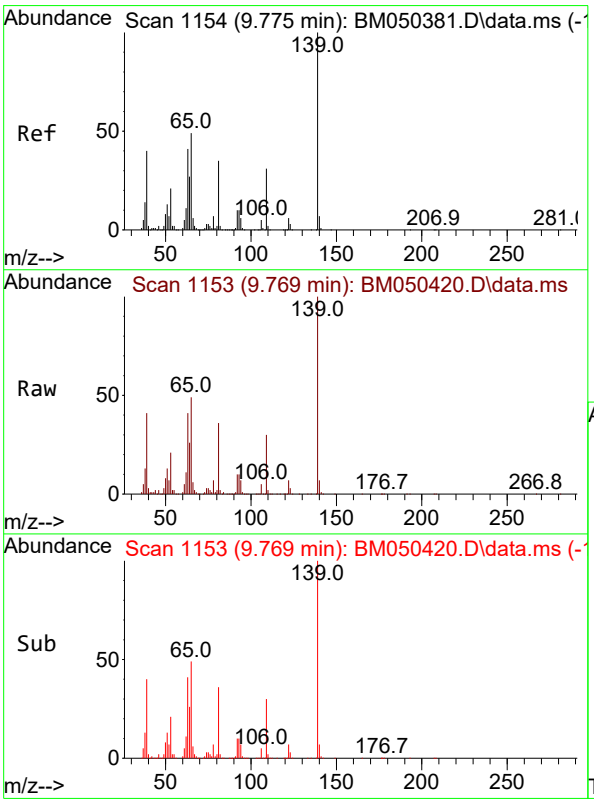
#25
Isophorone
Concen: 41.151 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2102869

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.5	15.3	22.9

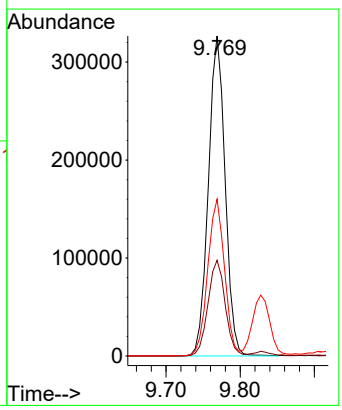


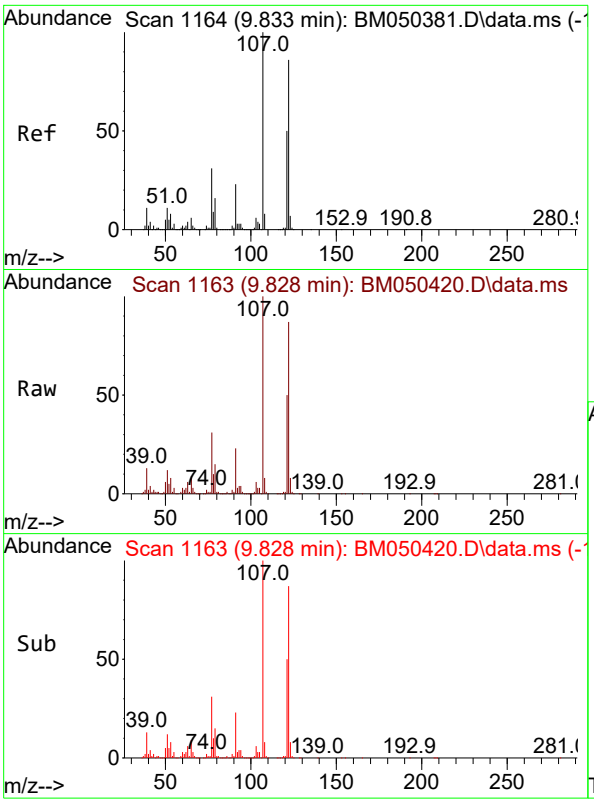


#26
2-Nitrophenol
Concen: 44.802 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:139 Resp: 513135

Ion	Ratio	Lower	Upper
139	100		
109	29.9	24.6	36.8
65	49.0	39.2	58.8



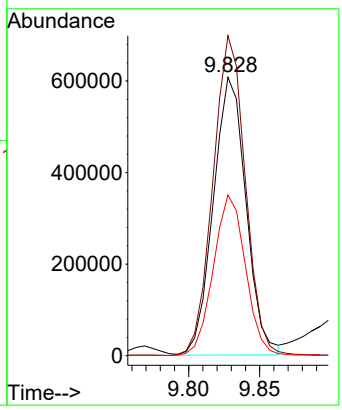


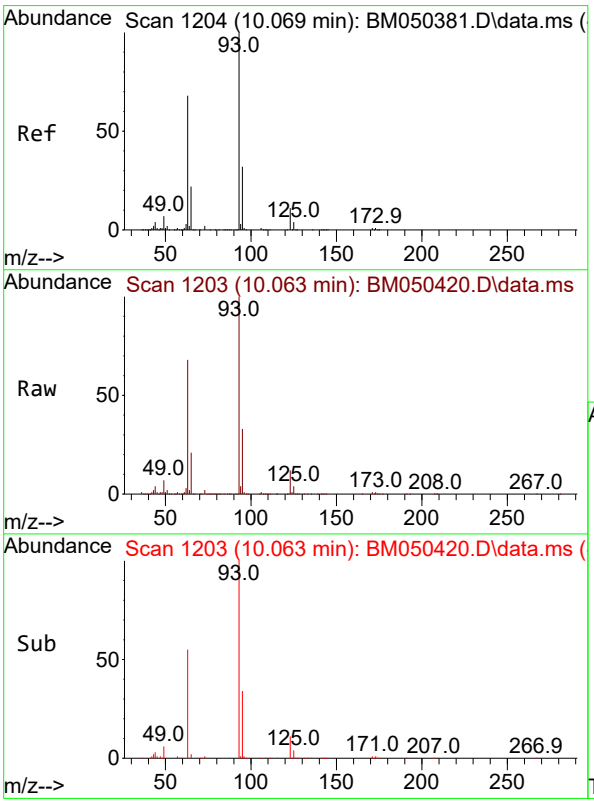
#27
2,4-Dimethylphenol
Concen: 39.940 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 973413

Ion	Ratio	Lower	Upper
122	100		
107	115.0	93.0	139.6
121	57.7	46.1	69.1

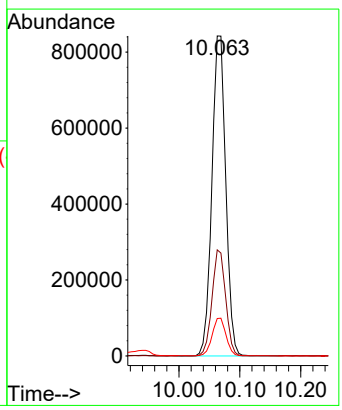


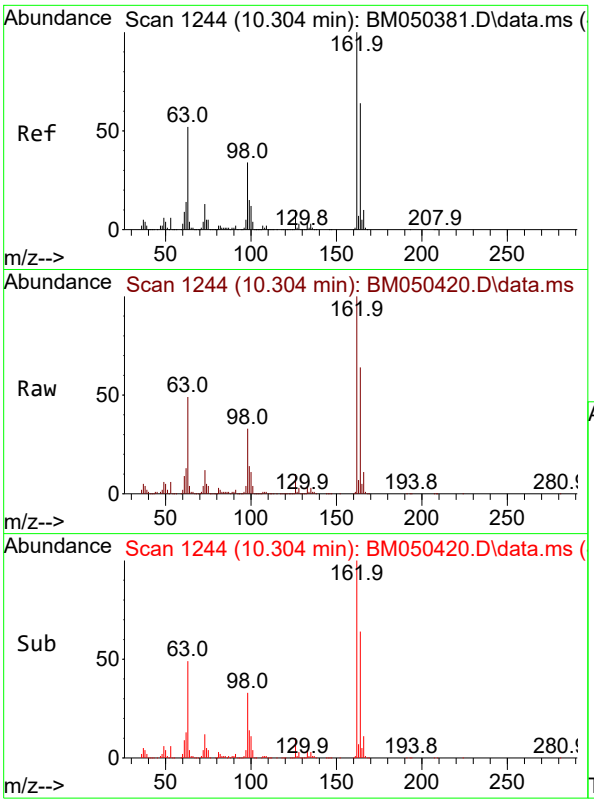


#28
bis(2-Chloroethoxy)methane
Concen: 39.296 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 93 Resp: 1330631

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	11.7	9.1	13.7



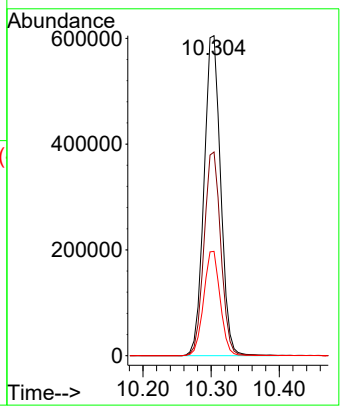


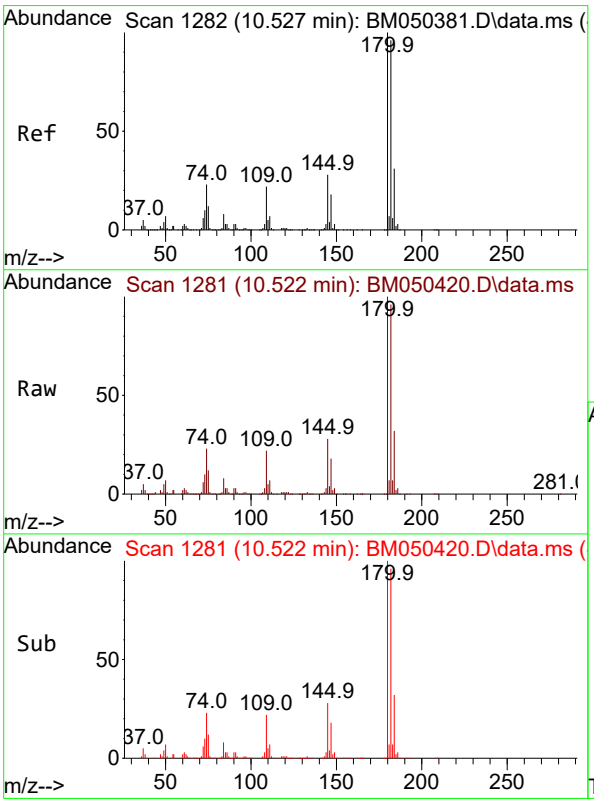
#29
2,4-Dichlorophenol
Concen: 40.926 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1024716

Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	32.6	13.7	53.7

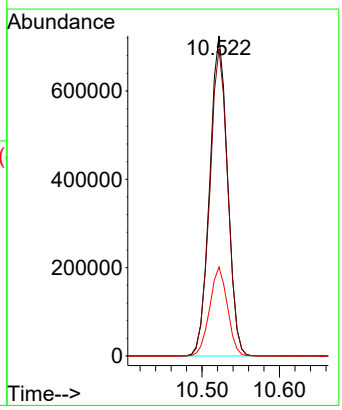


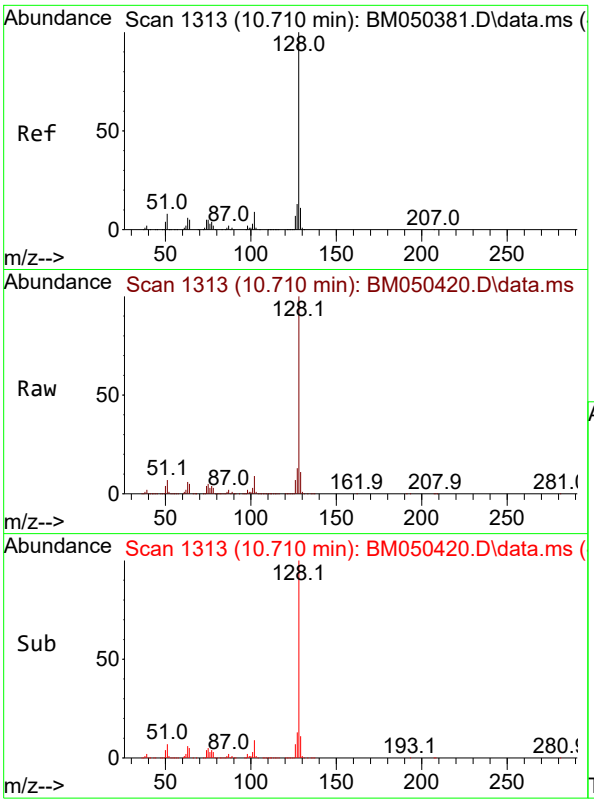


#30
1,2,4-Trichlorobenzene
Concen: 38.777 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:180 Resp: 1161475

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	27.8	22.6	33.8



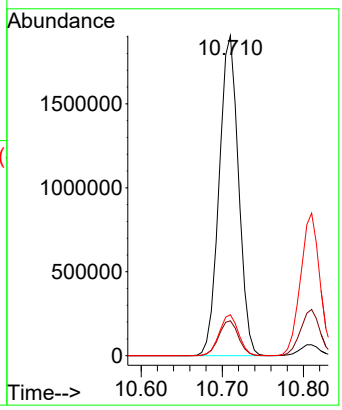


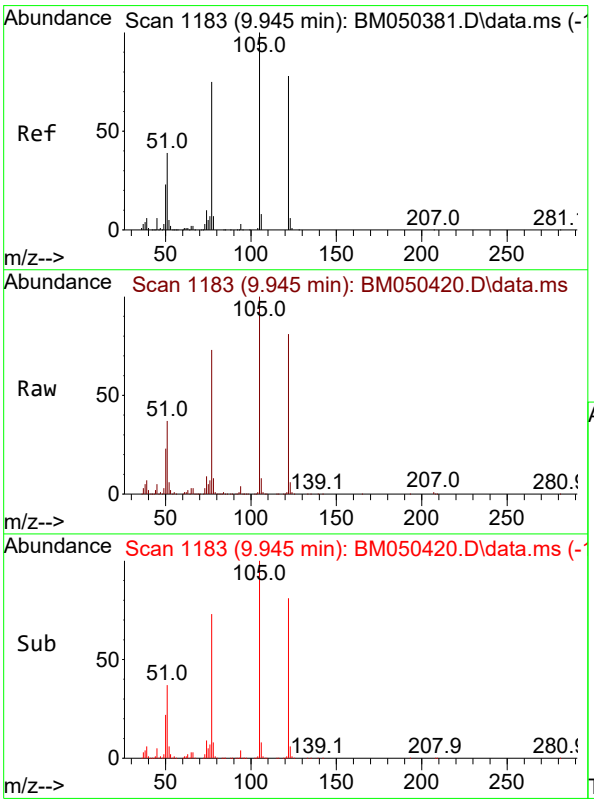
#31
Naphthalene
Concen: 38.731 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3160723

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

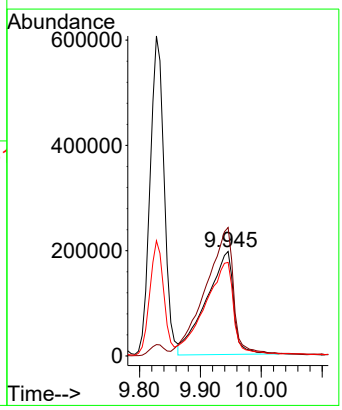


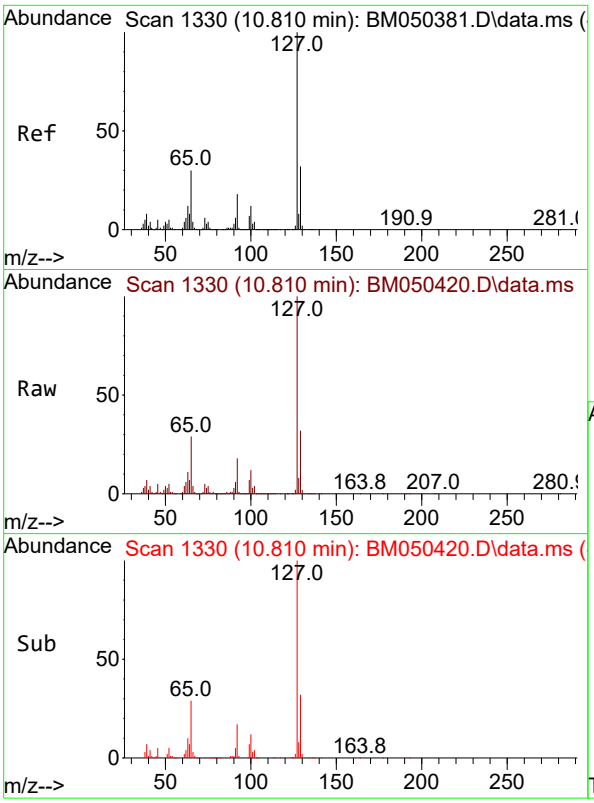


#32
Benzoic acid
Concen: 41.838 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:122 Resp: 612778

Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.0	144.0
77	89.6	73.8	113.8



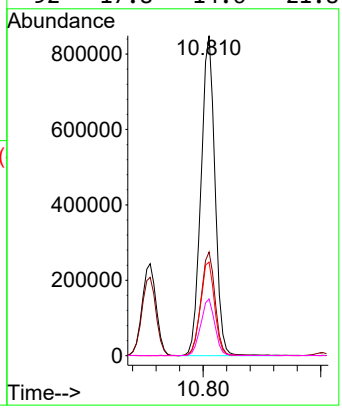


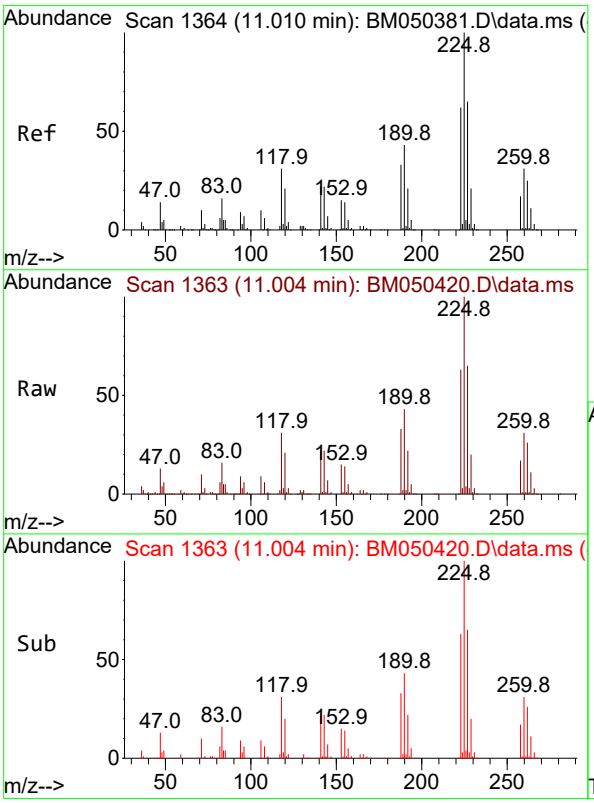
#33
4-Chloroaniline
Concen: 40.688 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1403750

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	29.2	23.9	35.9
92	17.8	14.6	21.8

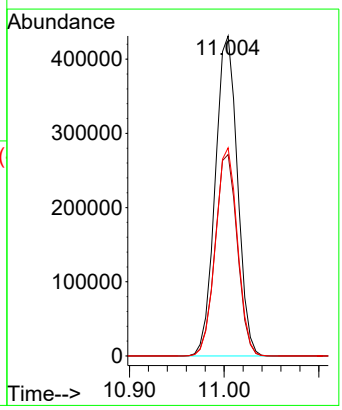


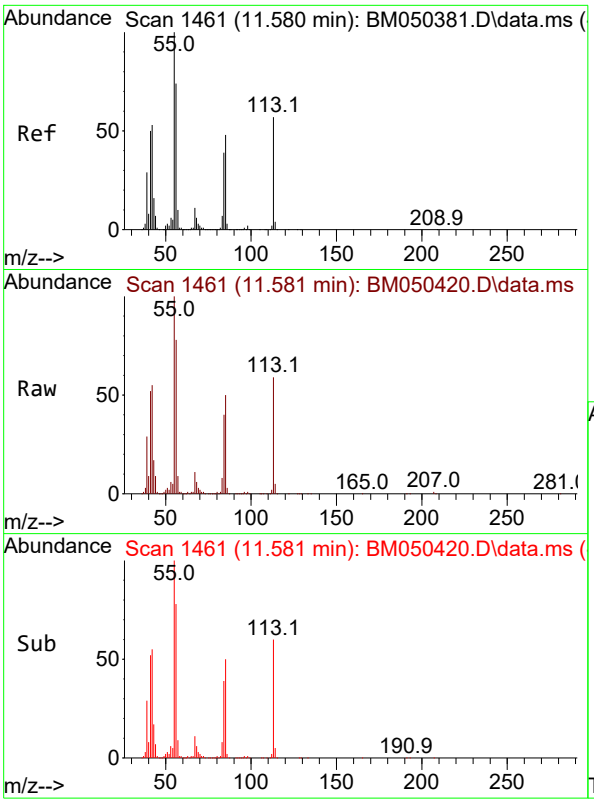


#34
Hexachlorobutadiene
Concen: 38.436 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:225 Resp: 702668

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	65.1	52.1	78.1



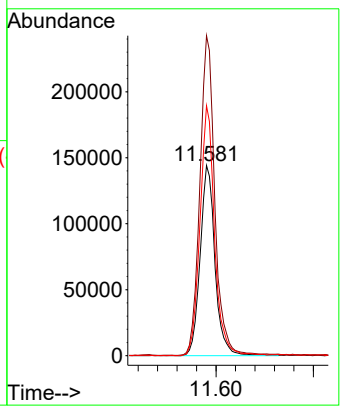


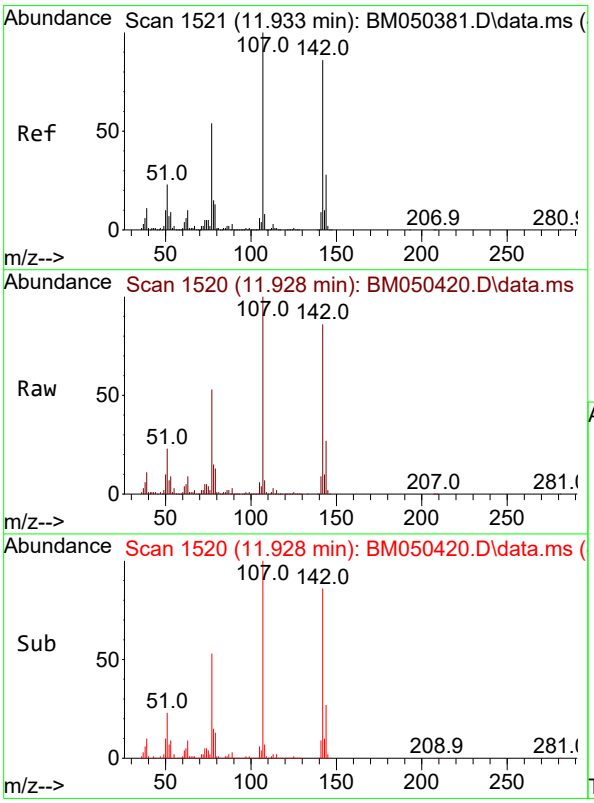
#35
Caprolactam
Concen: 44.483 ng
RT: 11.581 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 304052

Ion	Ratio	Lower	Upper
113	100		
55	168.3	157.2	197.2
56	131.4	111.7	151.7

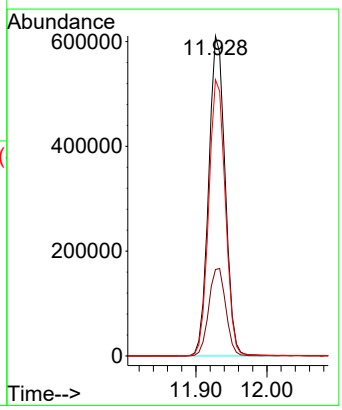


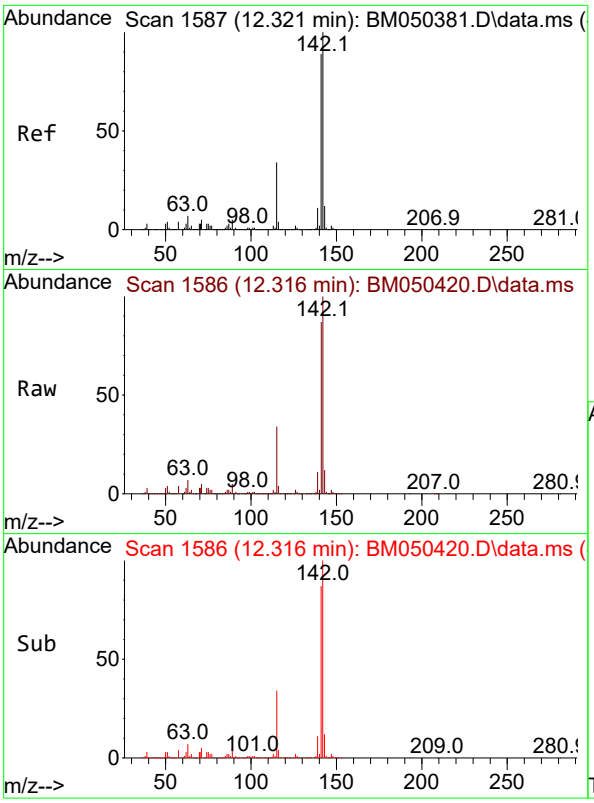


#36
4-Chloro-3-methylphenol
Concen: 42.034 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:107 Resp: 982825

Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.2	33.4
142	86.3	68.7	103.1



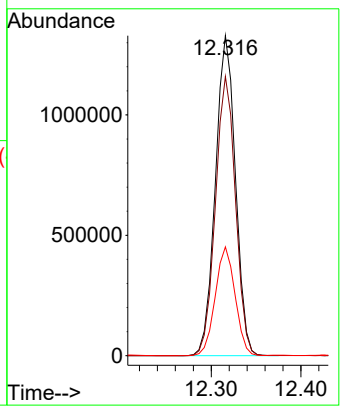


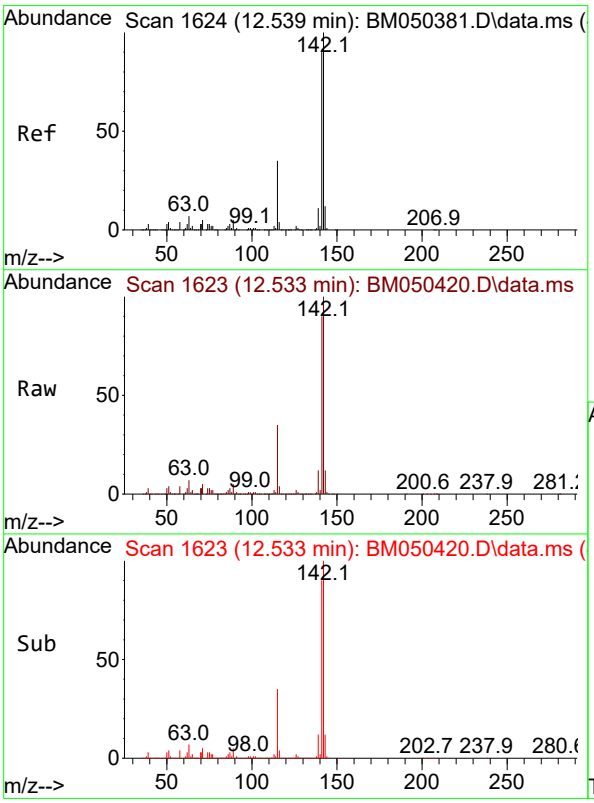
#37
2-Methylnaphthalene
Concen: 39.983 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2060229

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	34.0	27.0	40.4

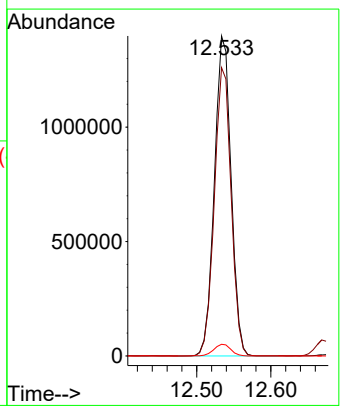


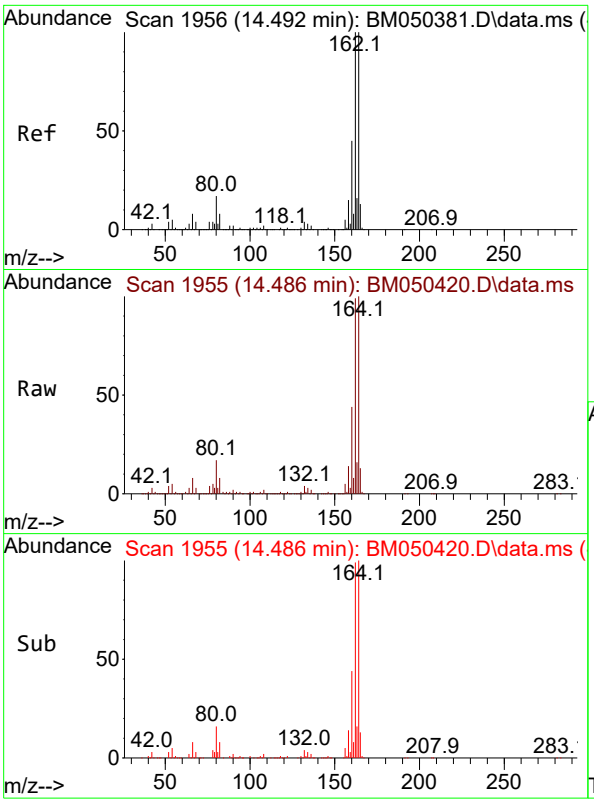


#38
1-Methylnaphthalene
Concen: 40.061 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:142 Resp: 2184576

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.6	3.0	4.6



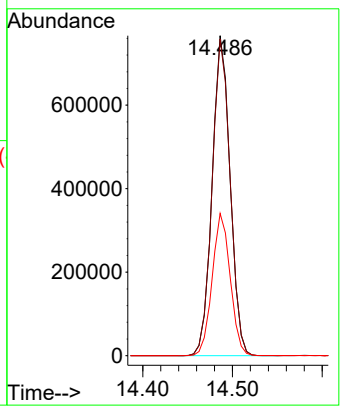


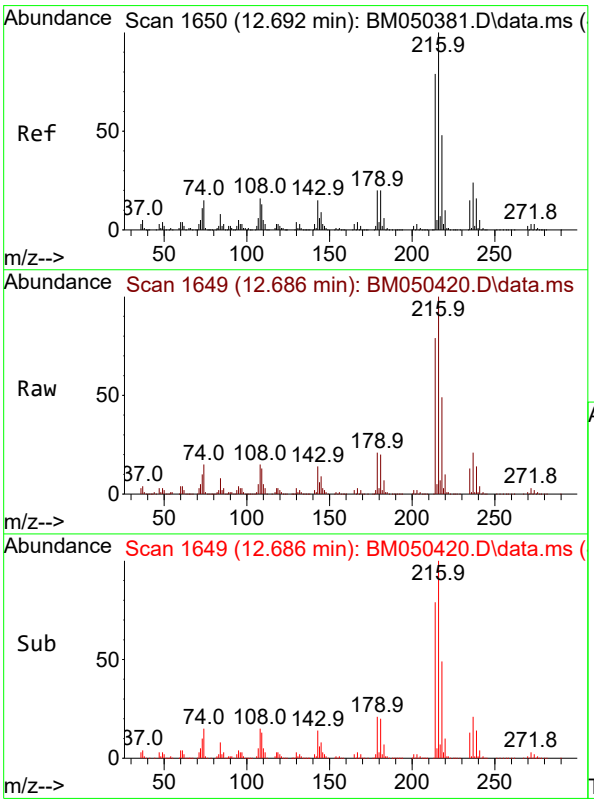
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1065313

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	44.5	36.2	54.4

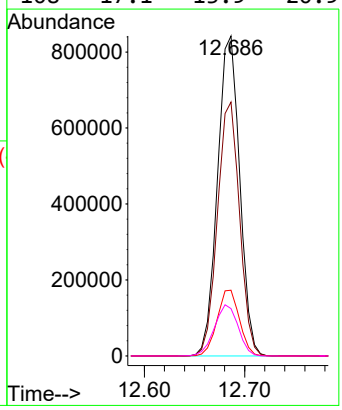


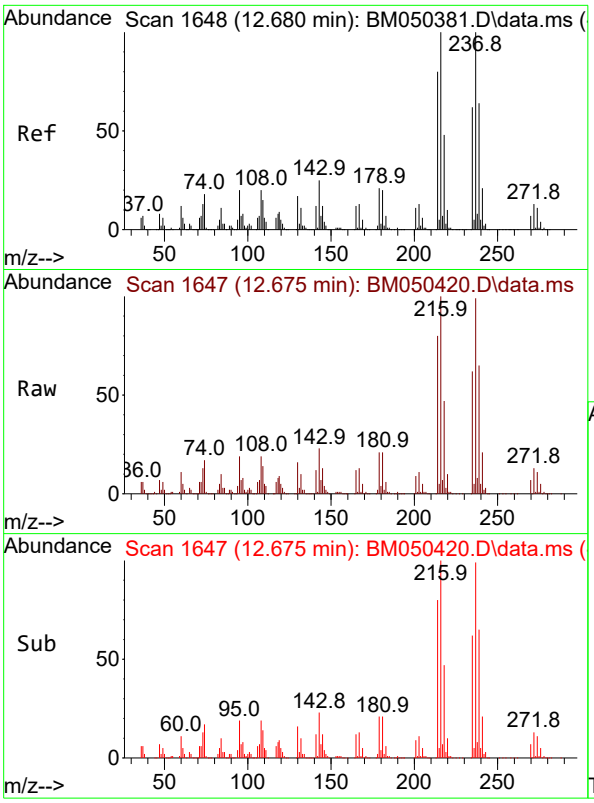


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.240 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:216 Resp: 1295477

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.7	16.4	24.6
108	17.1	13.9	20.9



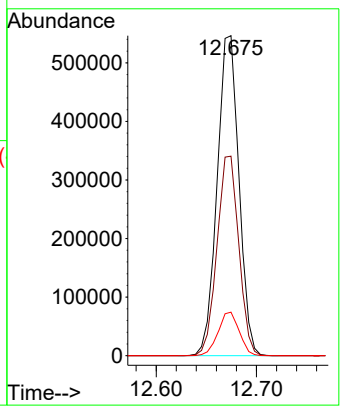


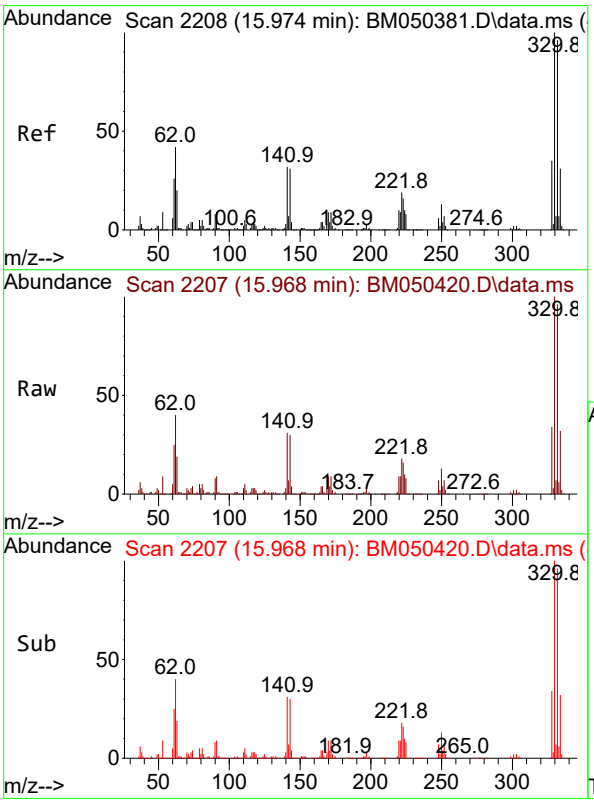
#41
Hexachlorocyclopentadiene
Concen: 37.918 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 821125

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.6	0.0	33.0

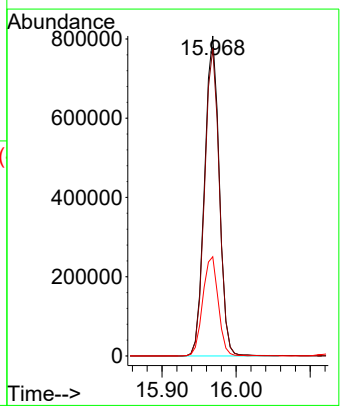


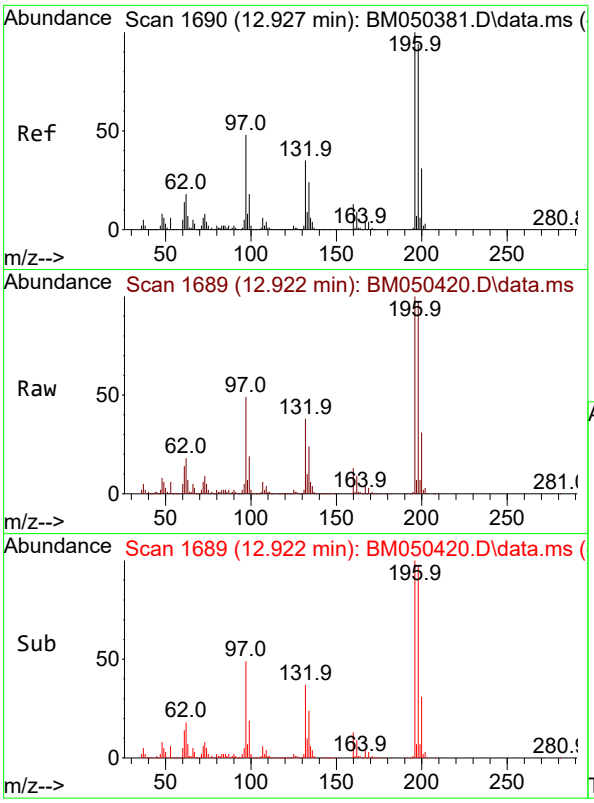


#42
2,4,6-Tribromophenol
Concen: 85.999 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:330 Resp: 1113139

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	32.6	27.4	41.0



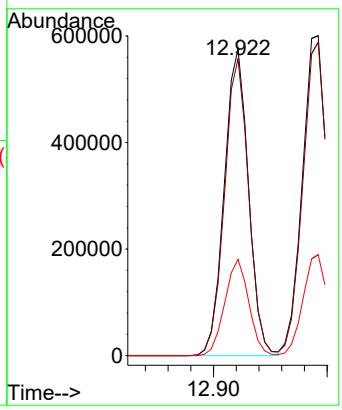


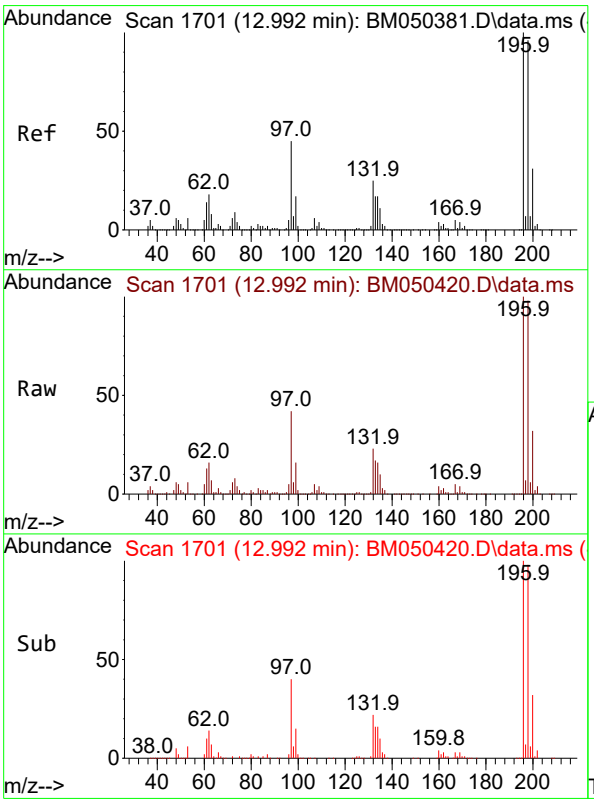
#43
2,4,6-Trichlorophenol
Concen: 40.918 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 853278

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.1	112.7
200	31.4	24.6	37.0

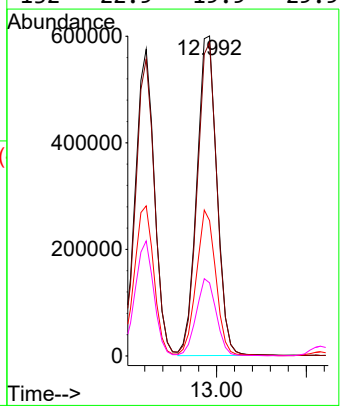


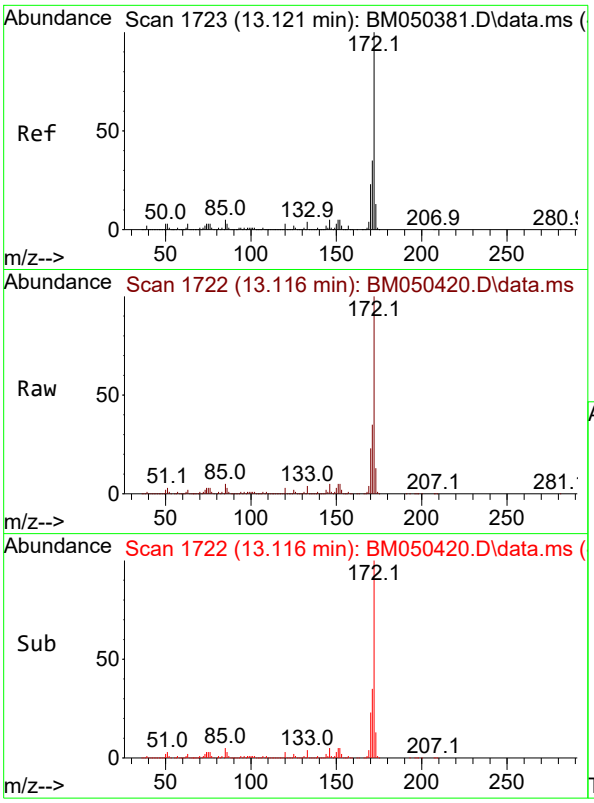


#44
2,4,5-Trichlorophenol
Concen: 40.768 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:196 Resp: 928457

Ion	Ratio	Lower	Upper
196	100		
198	97.9	77.2	115.8
97	42.3	36.2	54.4
132	22.9	19.9	29.9



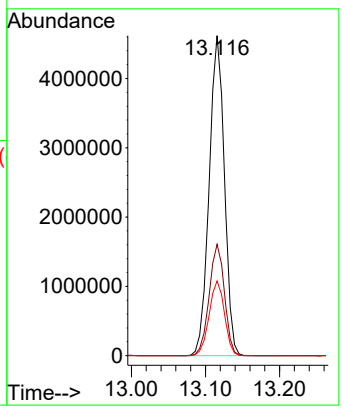


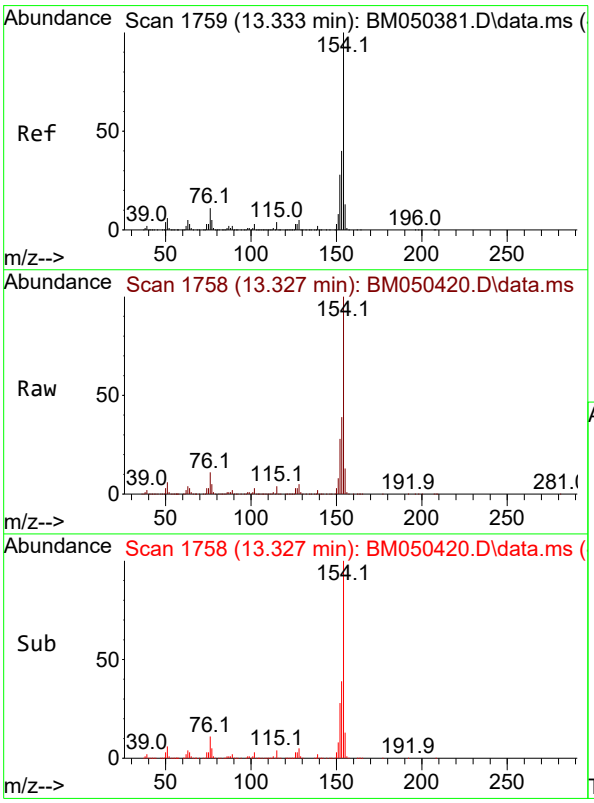
#45
2-Fluorobiphenyl
Concen: 76.367 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 6587806

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.4	18.8	28.2

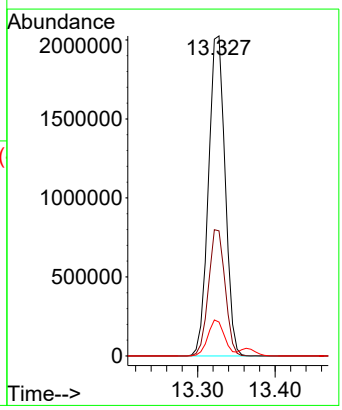


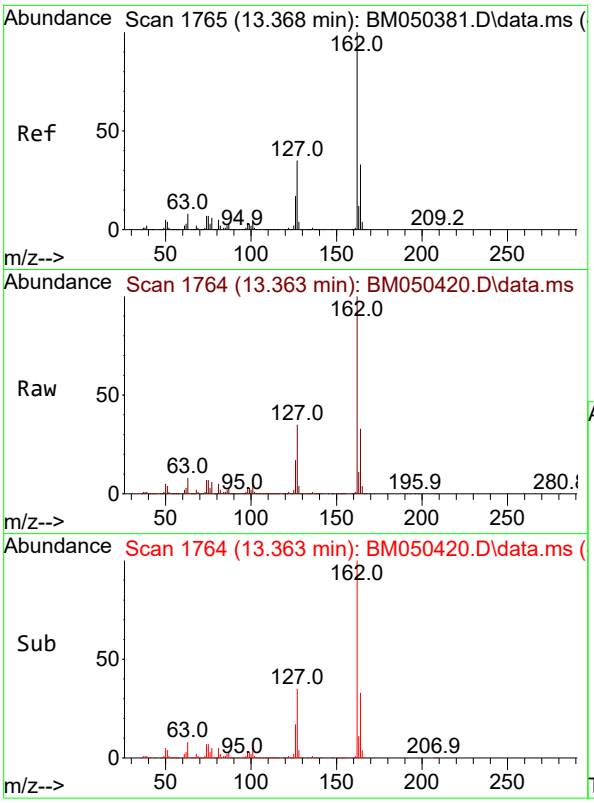


#46
1,1'-Biphenyl
Concen: 38.175 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:154 Resp: 3017288

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.7	59.7
76	10.6	0.0	30.9



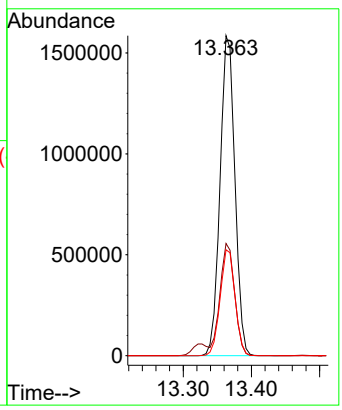


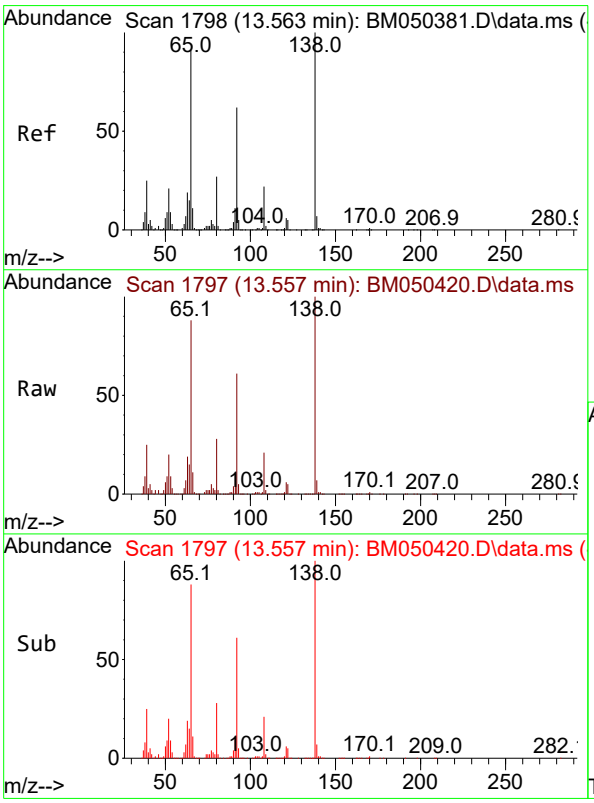
#47
2-Chloronaphthalene
Concen: 38.147 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2404003

Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.3	42.5
164	33.1	26.6	40.0

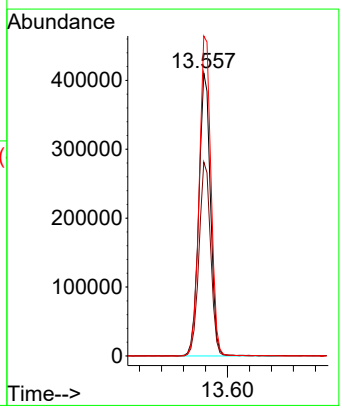


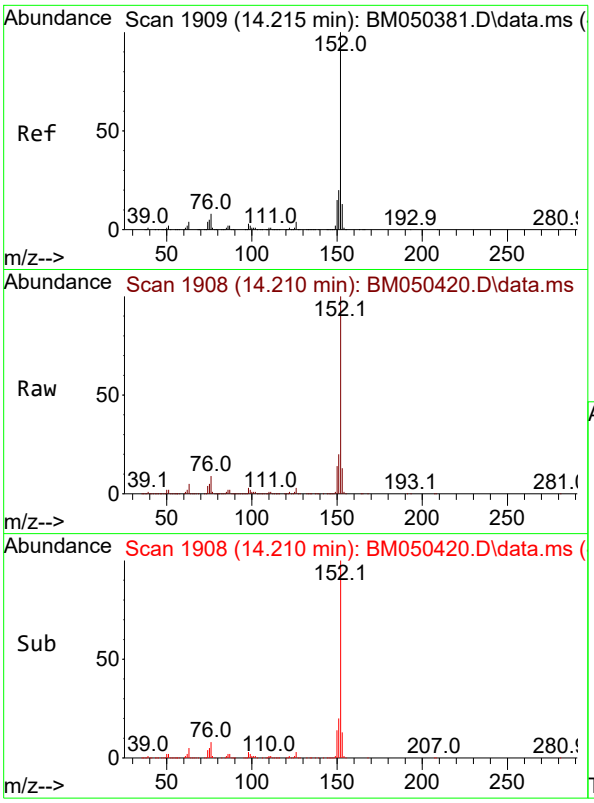


#48
2-Nitroaniline
Concen: 43.275 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion: 65 Resp: 608727

Ion	Ratio	Lower	Upper
65	100		
92	68.6	54.3	81.5
138	113.1	87.8	131.6



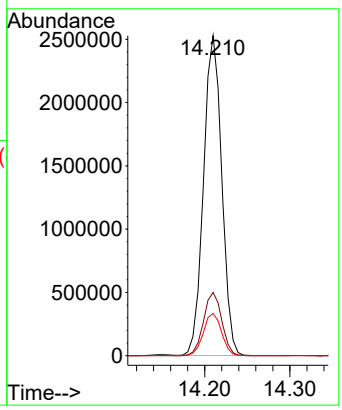


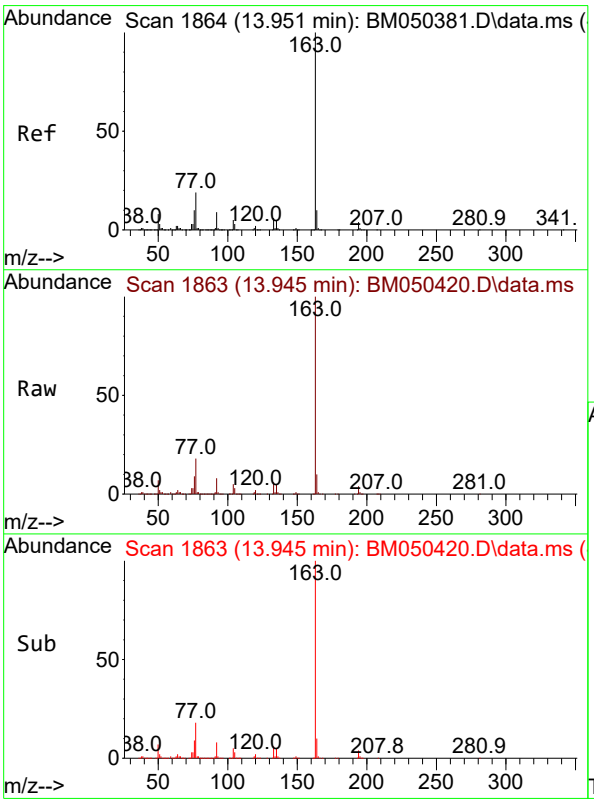
#49
Acenaphthylene
Concen: 39.415 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3753845

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.2	10.6	15.8

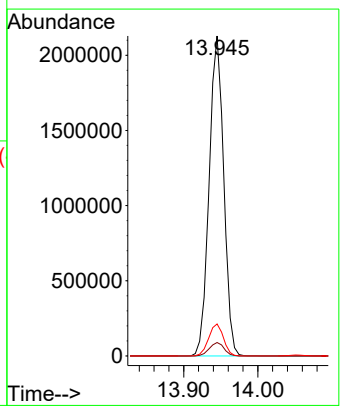


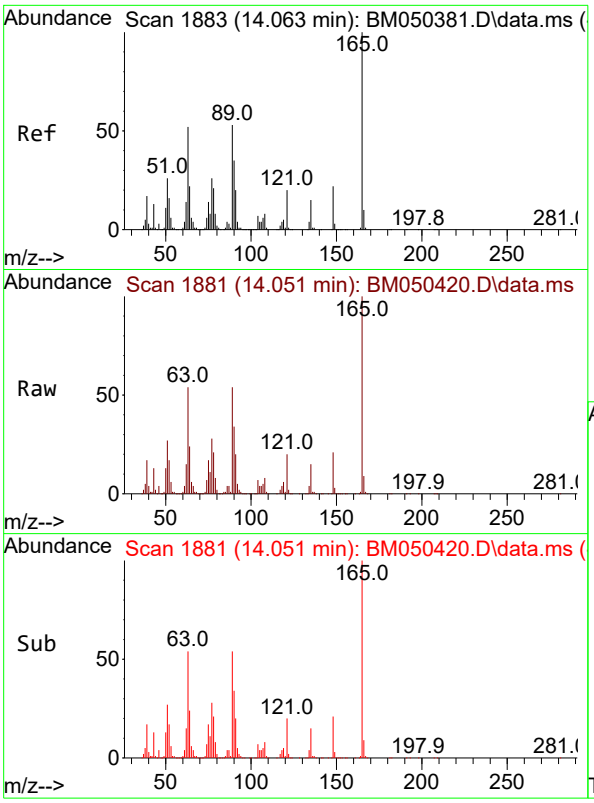


#50
Dimethylphthalate
Concen: 39.622 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:163 Resp: 2906048

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	8.2	12.2



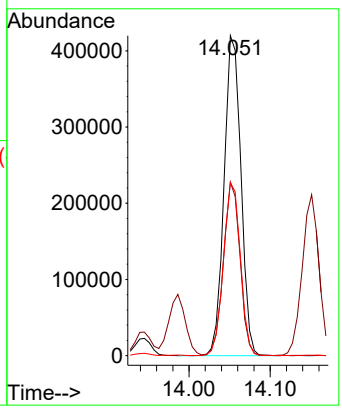


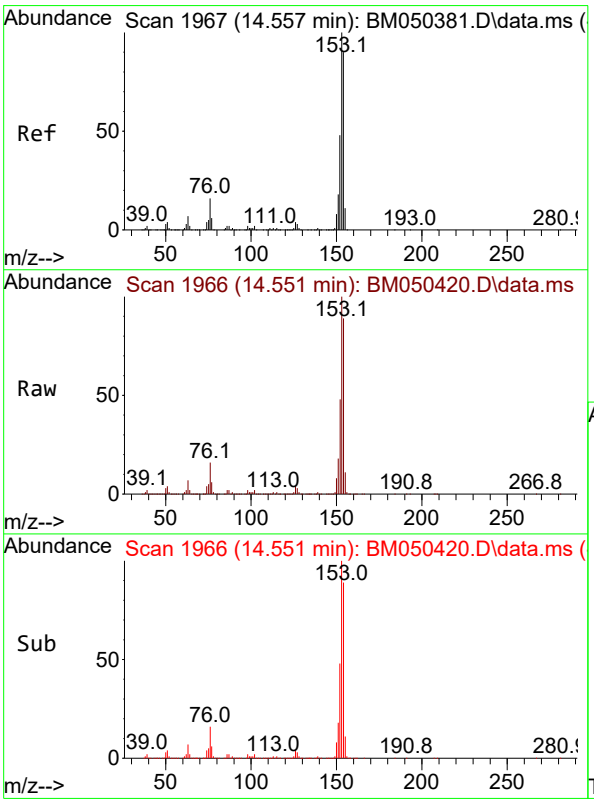
#51
2,6-Dinitrotoluene
Concen: 43.075 ng
RT: 14.051 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 606592

Ion	Ratio	Lower	Upper
165	100		
63	54.3	42.4	63.6
89	54.1	42.2	63.2

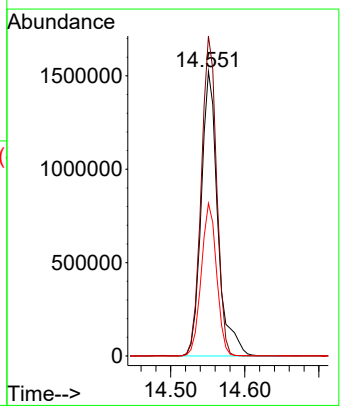


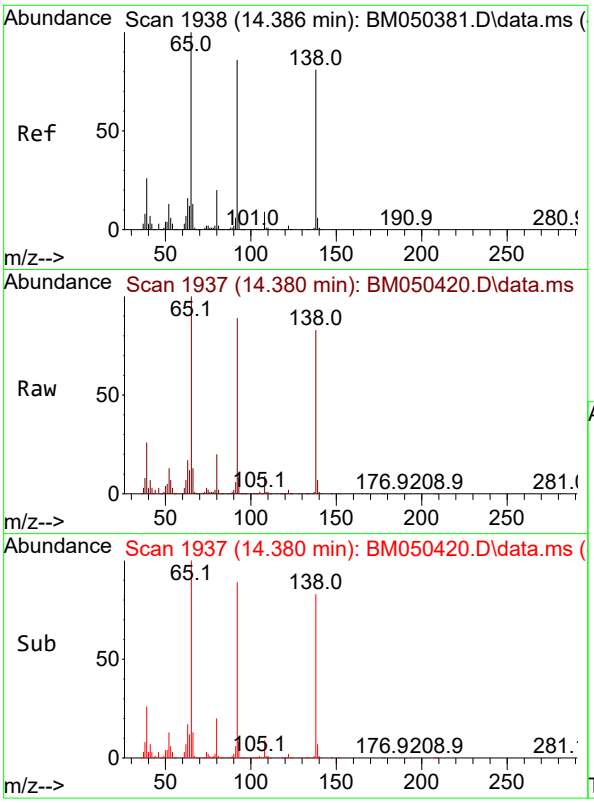


#52
Acenaphthene
Concen: 39.128 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:154 Resp: 2369153

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.7	42.6	64.0



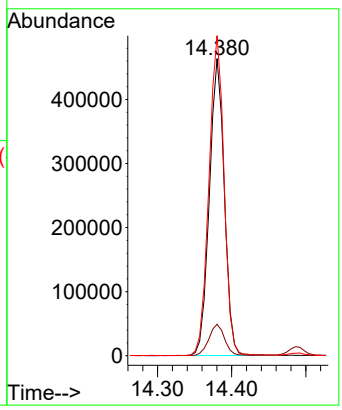


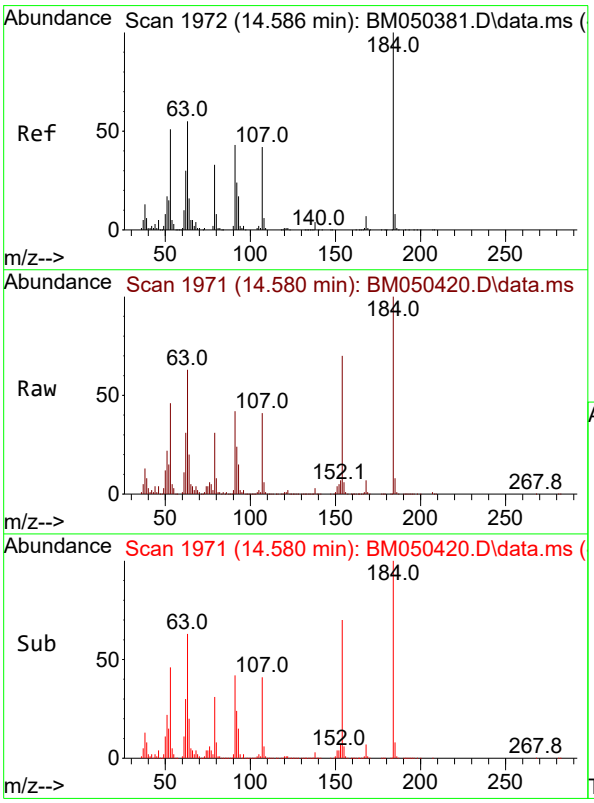
#53
3-Nitroaniline
Concen: 43.339 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 649068

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.8	13.2
92	107.7	85.0	127.6

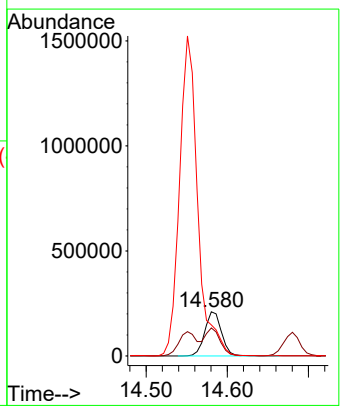


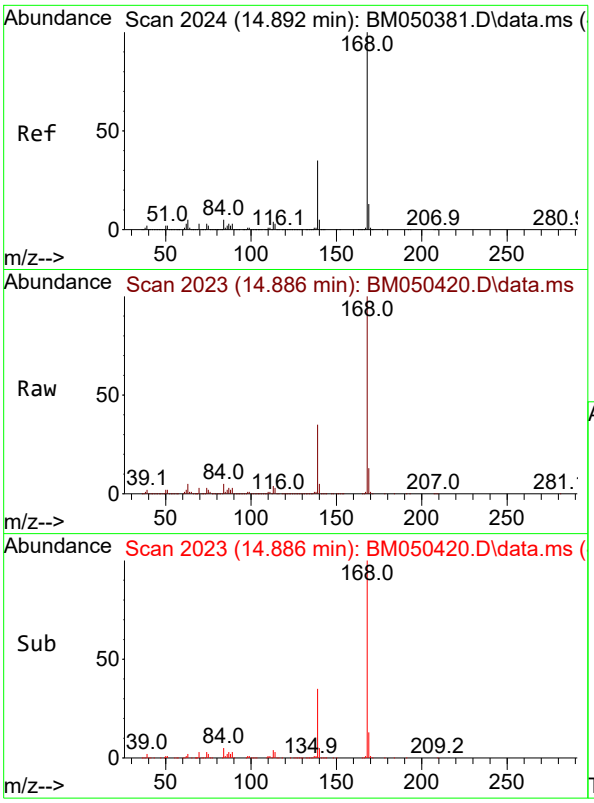


#54
2,4-Dinitrophenol
Concen: 42.075 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:184 Resp: 301295

Ion	Ratio	Lower	Upper
184	100		
63	63.3	53.4	80.0
154	70.2	61.6	92.4



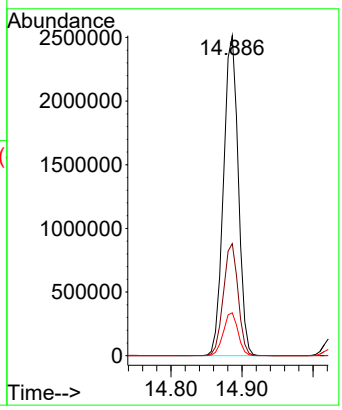


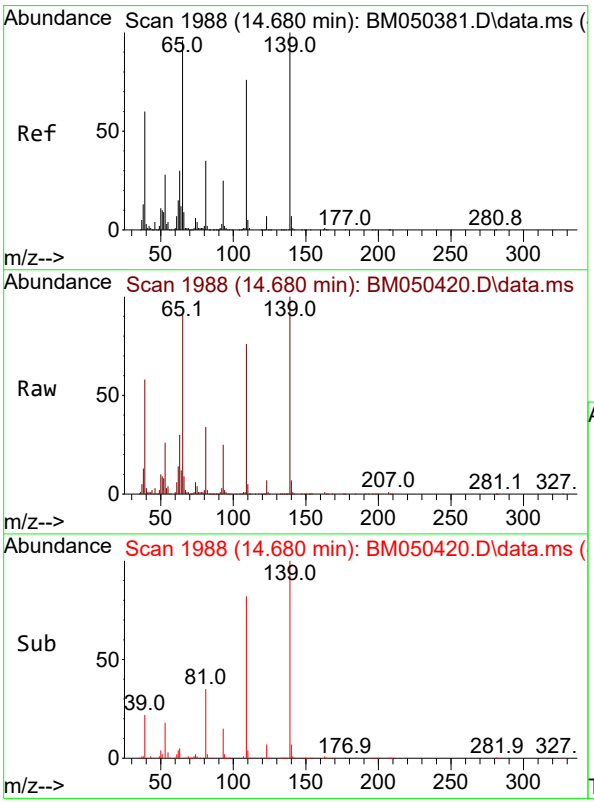
#55
Dibenzofuran
Concen: 38.699 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3610434

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.7	41.5
169	13.4	10.7	16.1

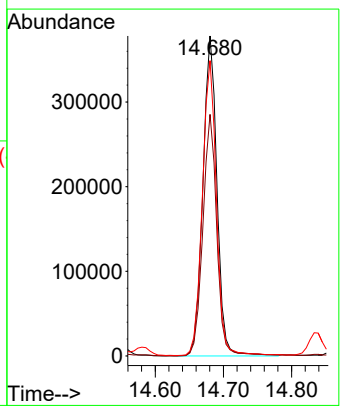


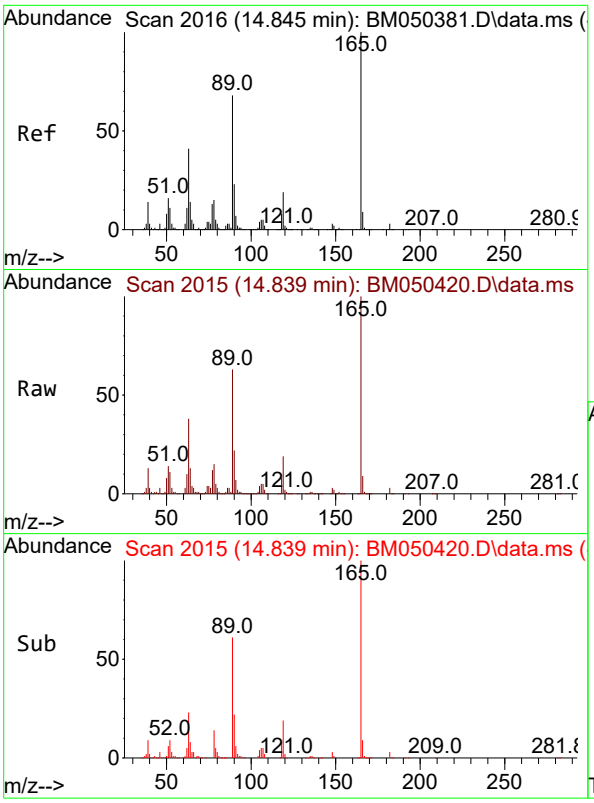


#56
4-Nitrophenol
Concen: 42.184 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:139 Resp: 543301

Ion	Ratio	Lower	Upper
139	100		
109	75.5	56.5	96.5
65	92.3	76.4	116.4



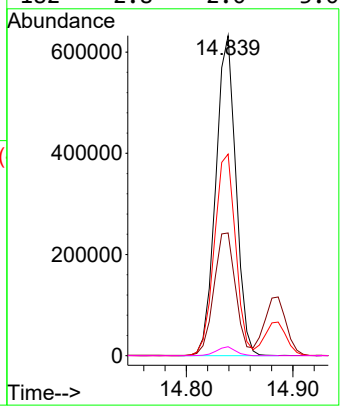


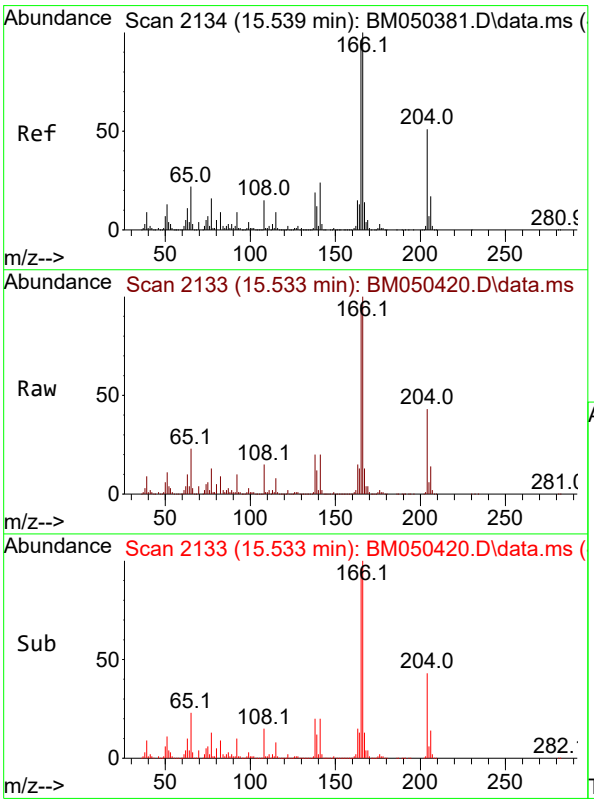
#57
2,4-Dinitrotoluene
Concen: 39.943 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 831828

Ion	Ratio	Lower	Upper
165	100		
63	38.4	32.5	48.7
89	63.0	54.0	81.0
182	2.8	2.0	3.0

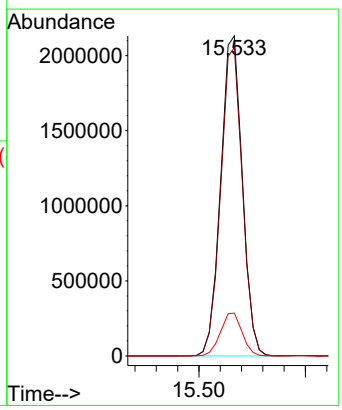


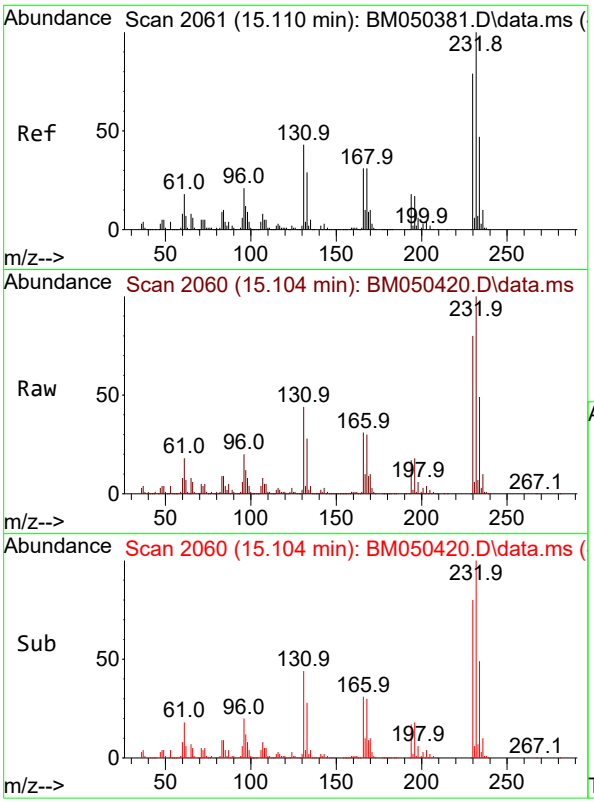


#58
Fluorene
Concen: 39.119 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:166 Resp: 3006034

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.6
167	13.4	10.9	16.3



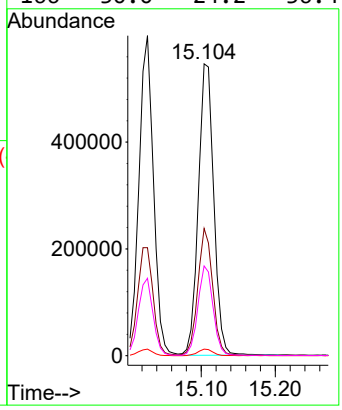


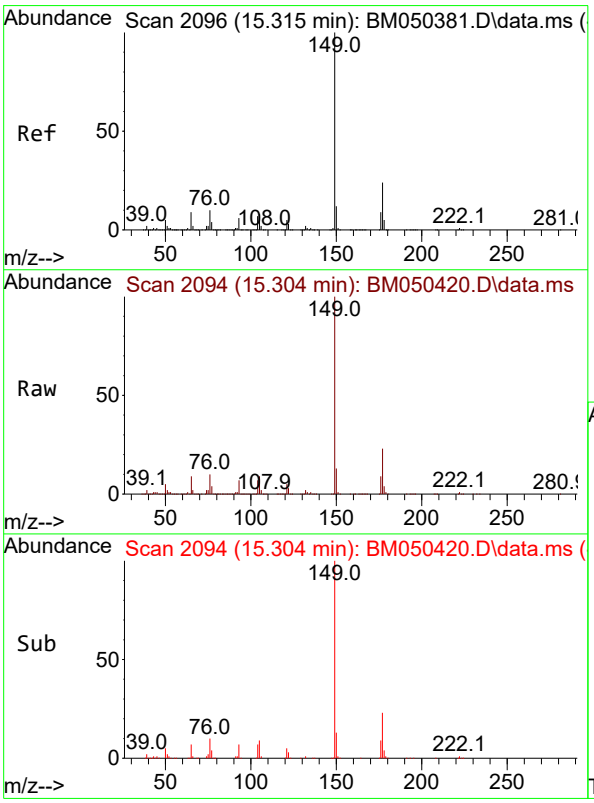
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.323 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 792210

Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.4	50.0
130	2.2	1.8	2.6
166	30.0	24.2	36.4

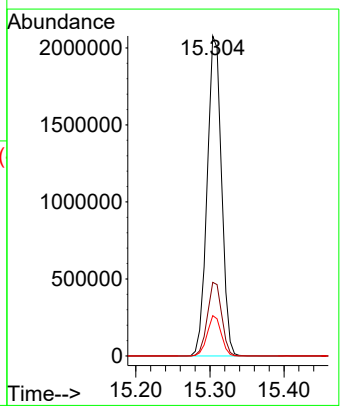


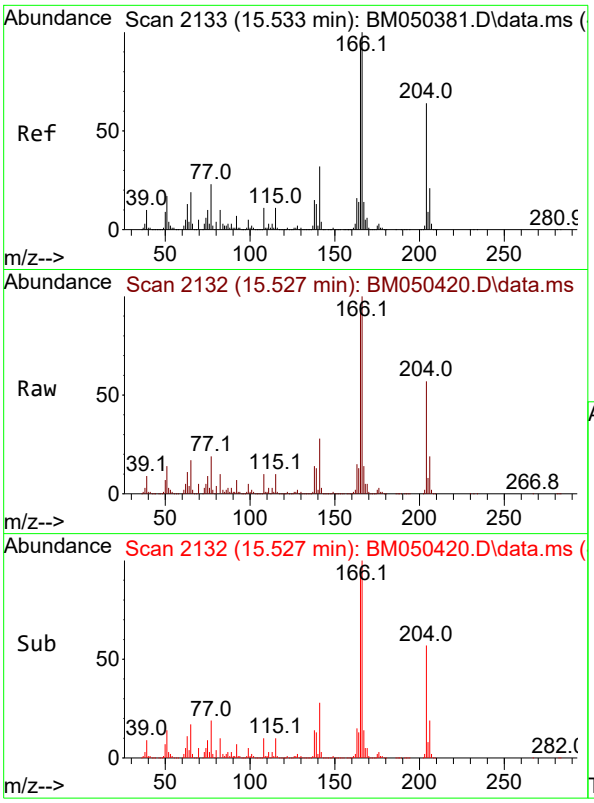


#60
Diethylphthalate
Concen: 39.842 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 2791367

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.6	9.8	14.8



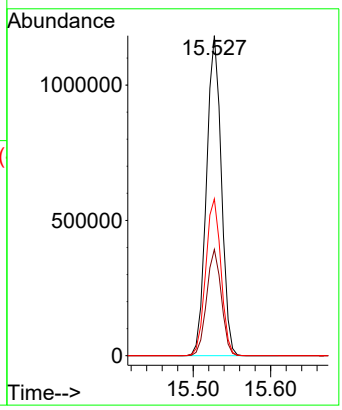


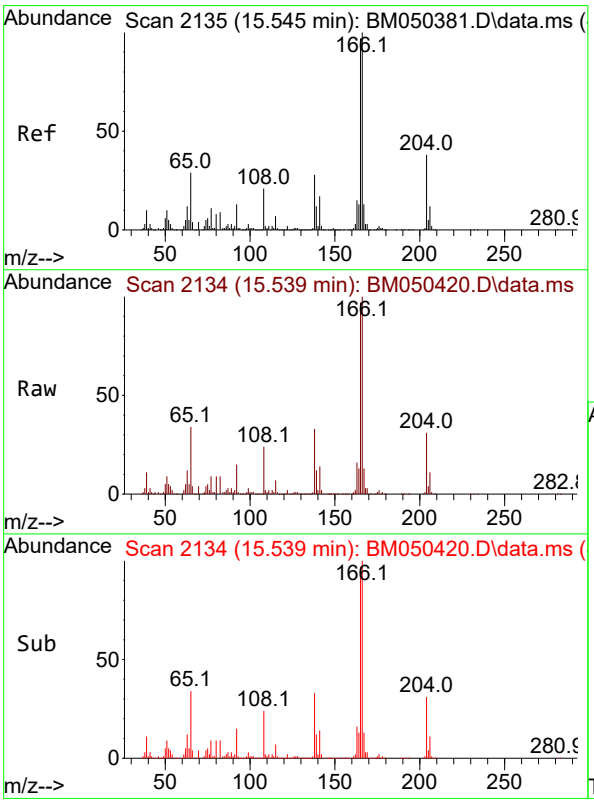
#61
4-Chlorophenyl-phenylether
Concen: 39.084 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1570452

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.0	39.9	59.9

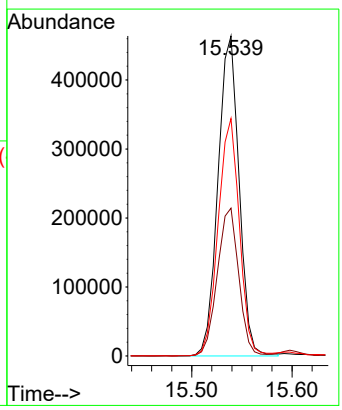


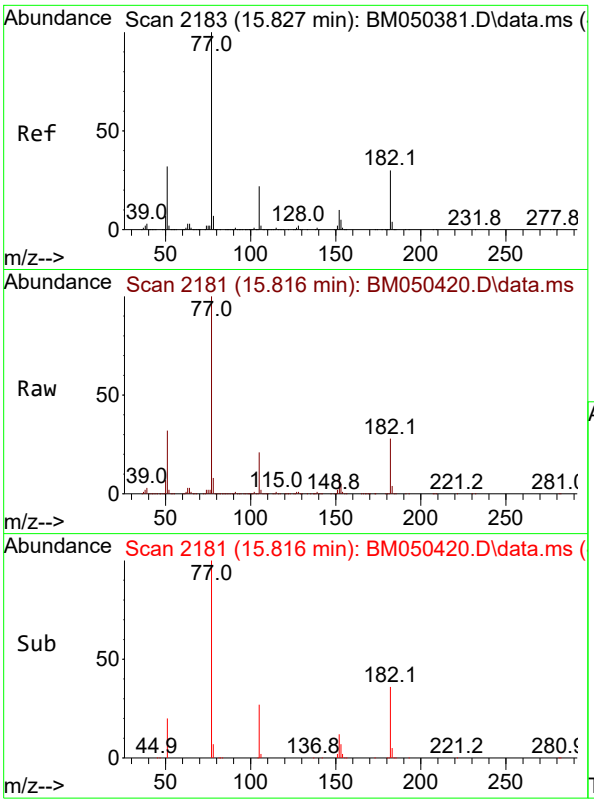


#62
4-Nitroaniline
Concen: 39.682 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:138 Resp: 675063

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	74.2	52.5	92.5



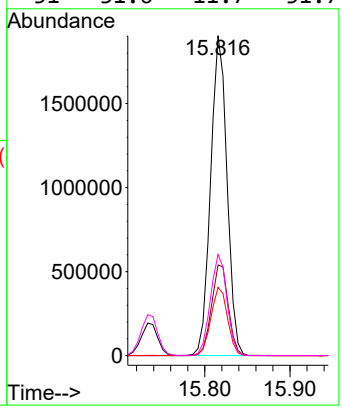


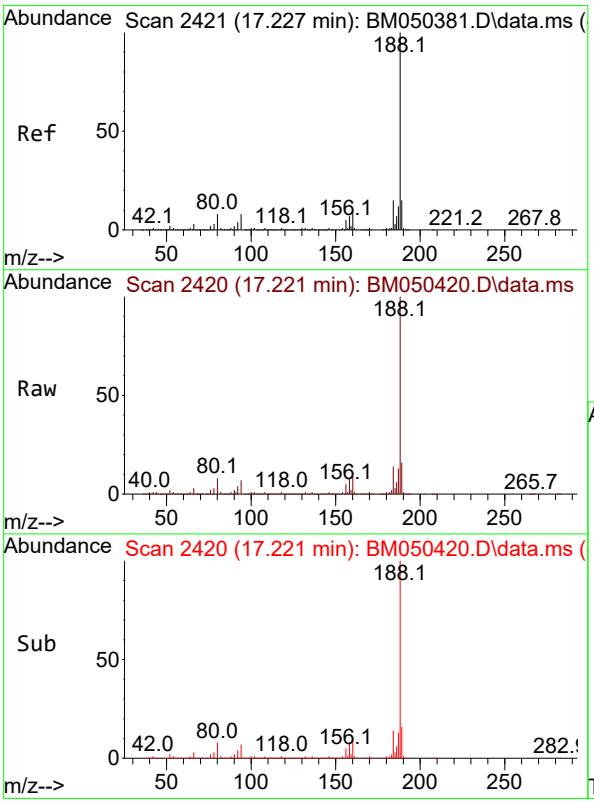
#63
Azobenzene
Concen: 39.488 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2540400

Ion	Ratio	Lower	Upper
77	100		
182	28.4	10.0	50.0
105	21.4	2.0	42.0
51	31.6	11.7	51.7

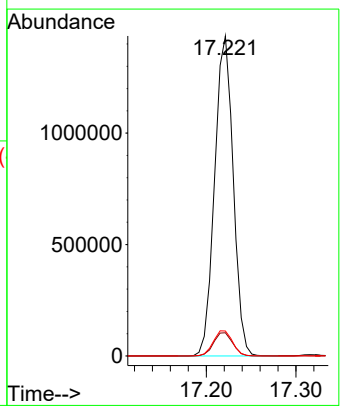


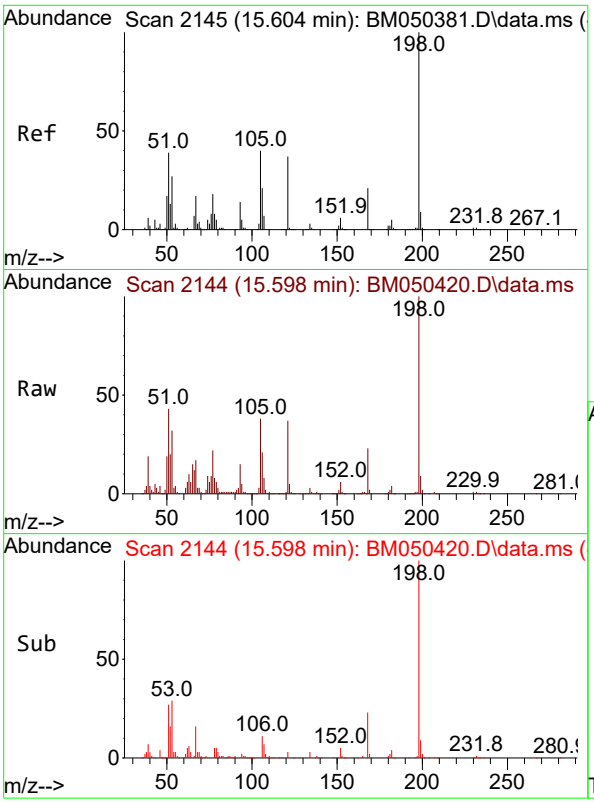


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:188 Resp: 2063489

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	7.8	6.5	9.7



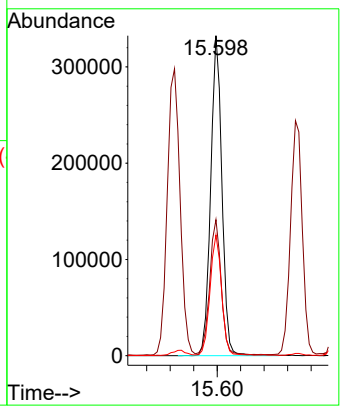


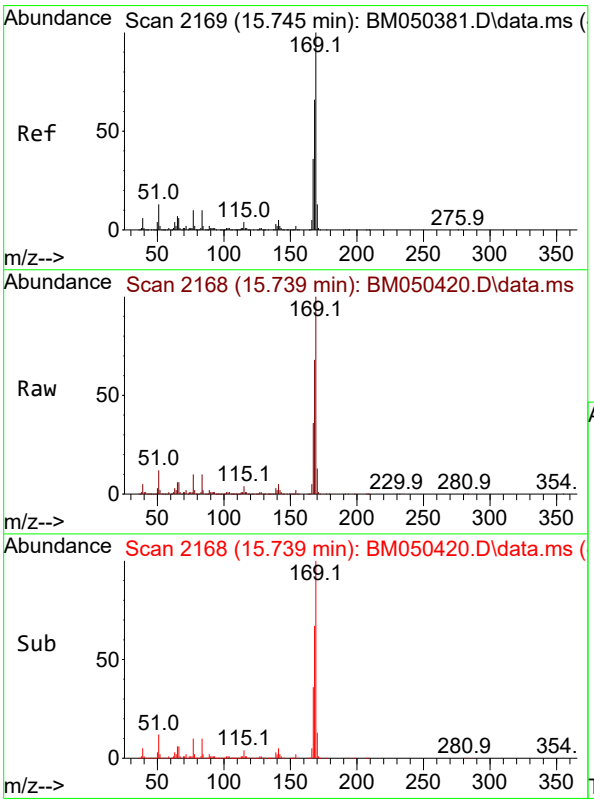
#65
4,6-Dinitro-2-methylphenol
Concen: 40.812 ng
RT: 15.598 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 440784

Ion	Ratio	Lower	Upper
198	100		
51	42.5	26.6	66.6
105	37.8	20.9	60.9

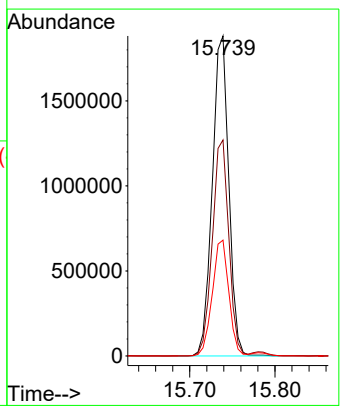


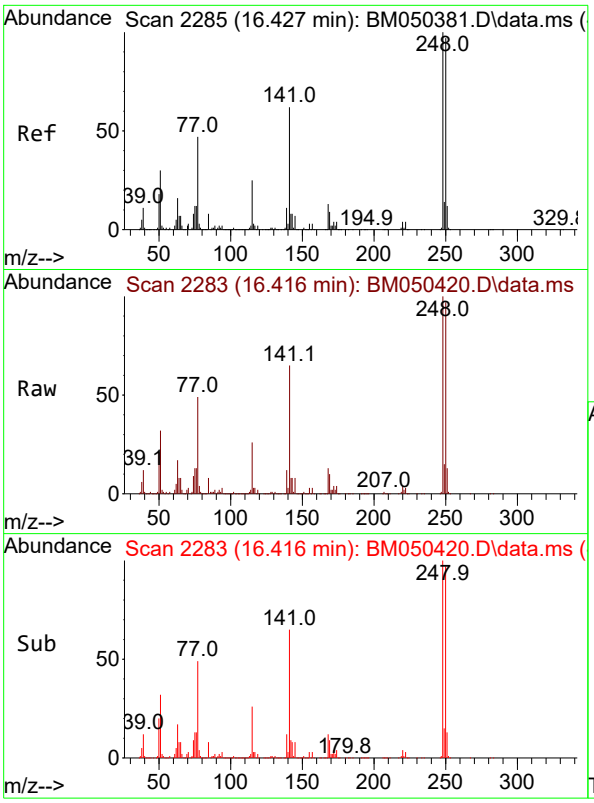


#66
n-Nitrosodiphenylamine
Concen: 39.096 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:169 Resp: 2524415

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.2	28.7	43.1



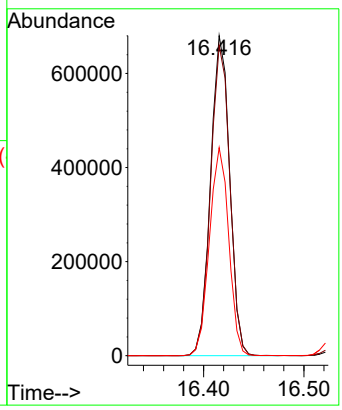


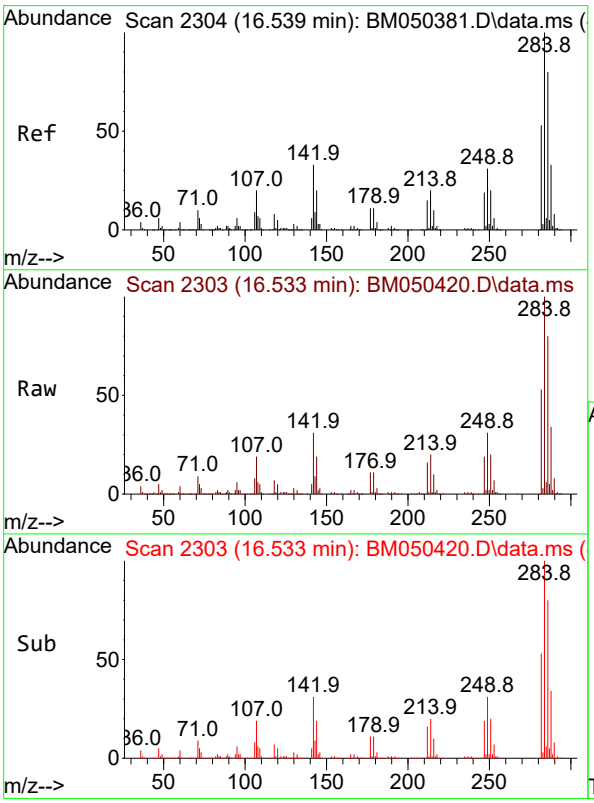
#67
4-Bromophenyl-phenylether
Concen: 39.662 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 901706

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	65.0	49.7	74.5

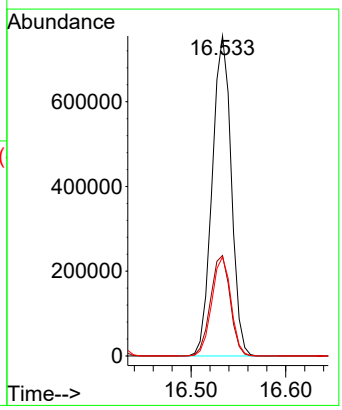


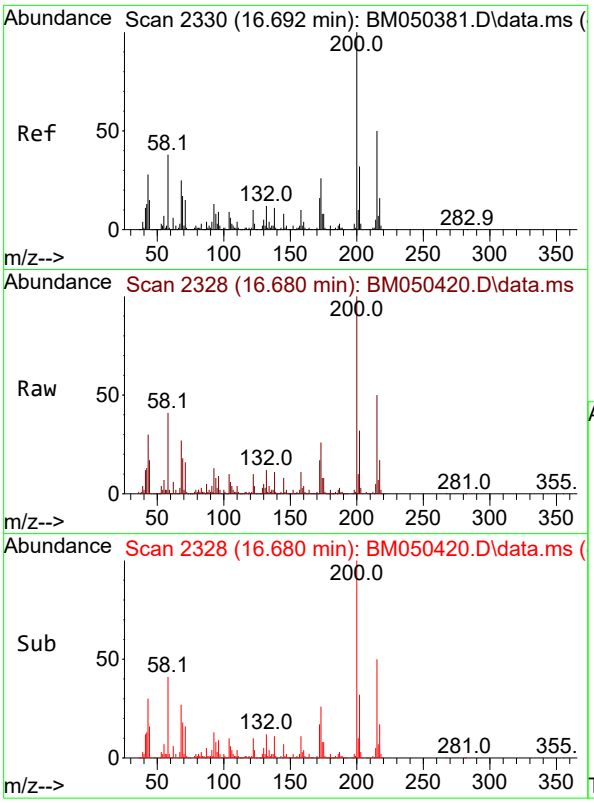


#68
Hexachlorobenzene
Concen: 39.272 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:284 Resp: 1054526

Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.8	40.2
249	31.0	24.5	36.7



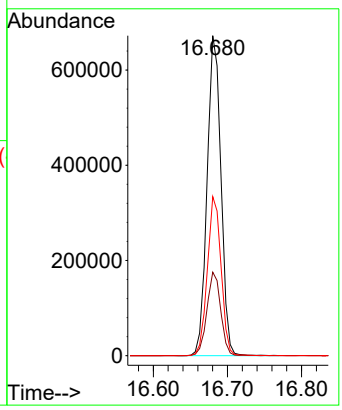


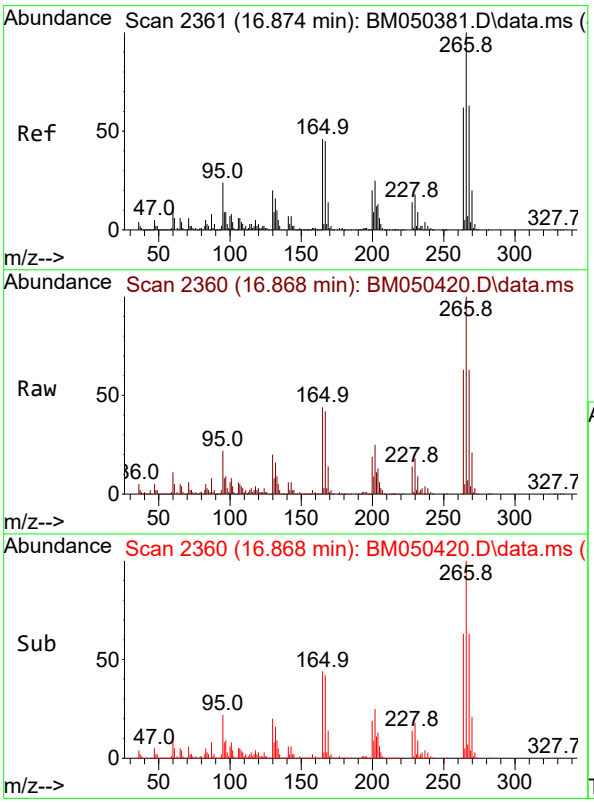
#69
Atrazine
Concen: 41.115 ng
RT: 16.680 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 871752

Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.6	45.6
215	49.7	29.6	69.6

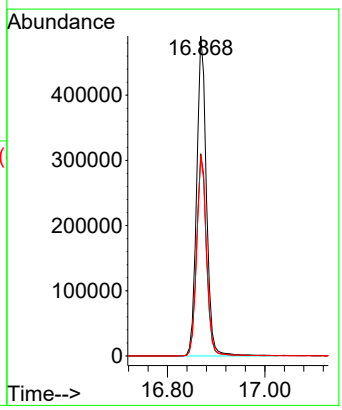


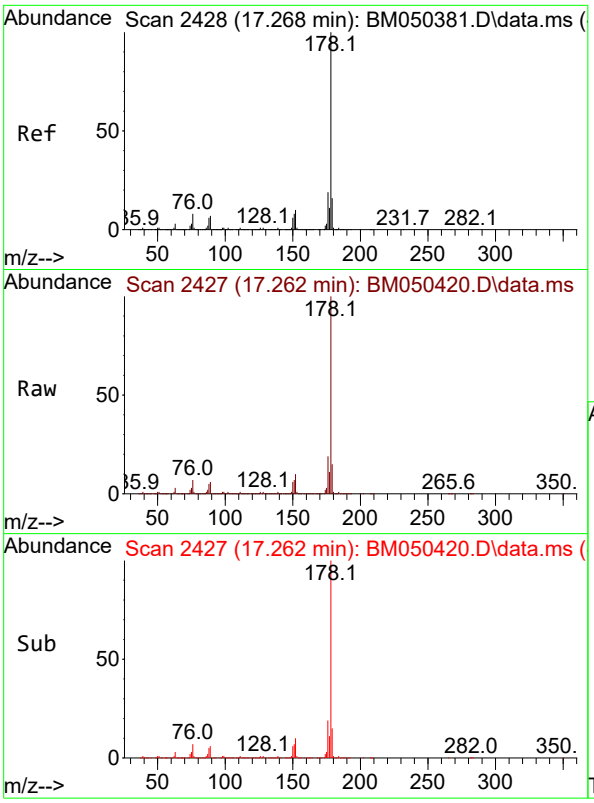


#70
Pentachlorophenol
Concen: 41.046 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:266 Resp: 686109

Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.5	75.7
264	62.6	49.9	74.9



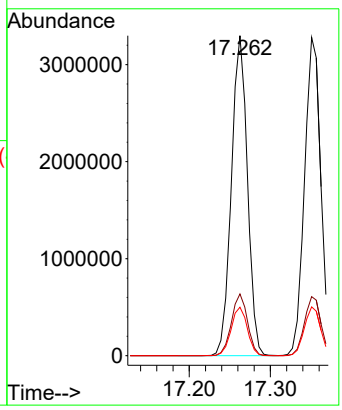


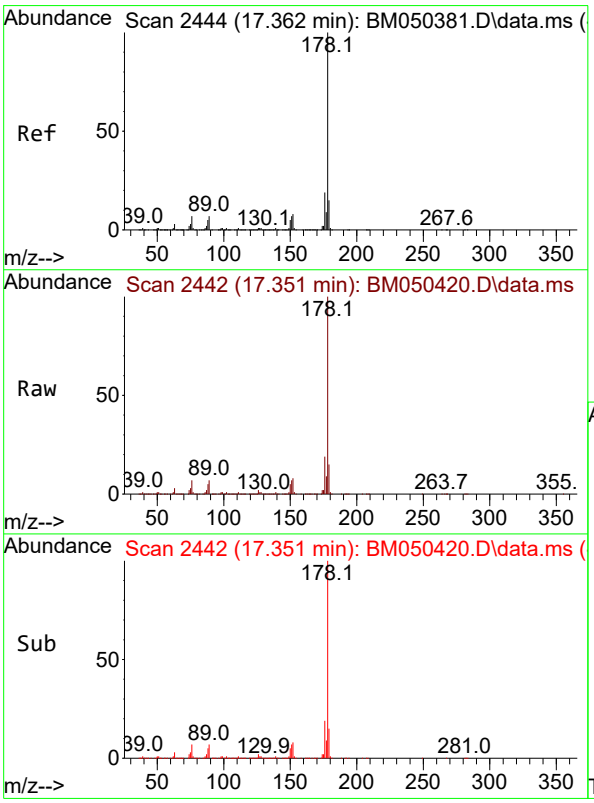
#71
Phenanthrene
Concen: 38.667 ng
RT: 17.262 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4514858

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.5	18.7

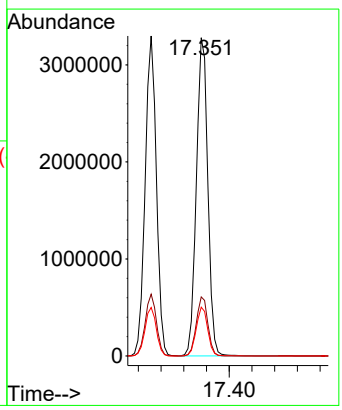


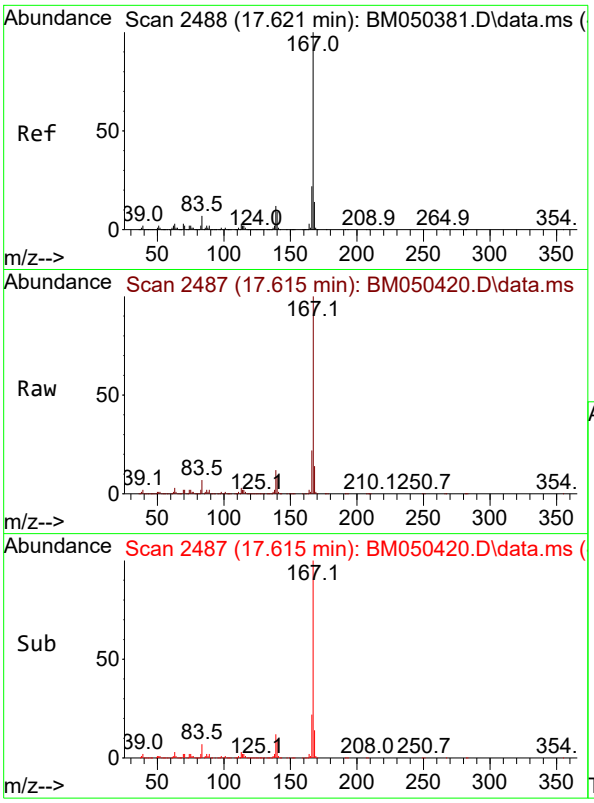


#72
Anthracene
Concen: 39.639 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:178 Resp: 4607118

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4



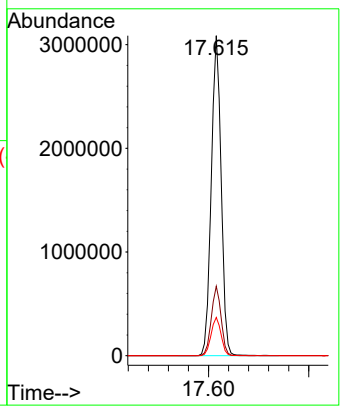


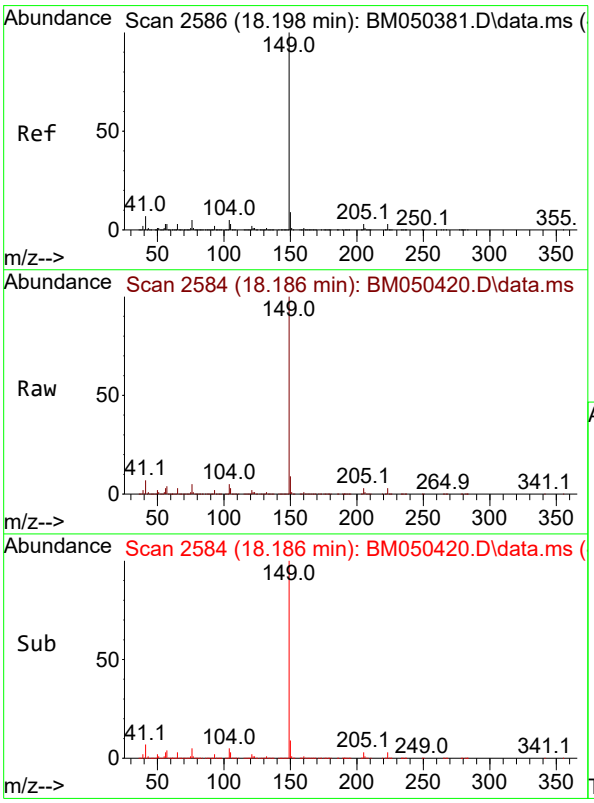
#73
Carbazole
Concen: 40.022 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4208901

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.0	9.9	14.9

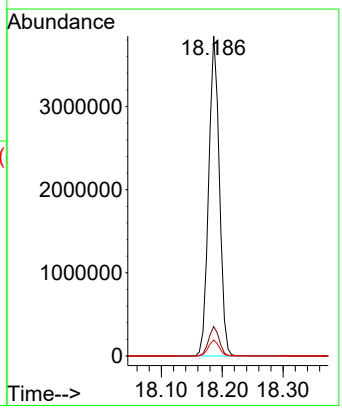


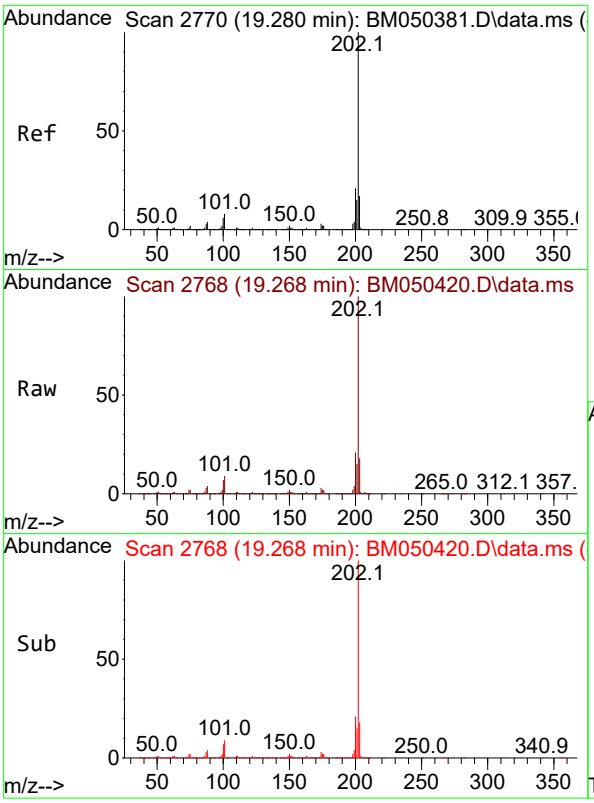


#74
Di-n-butylphthalate
Concen: 40.722 ng
RT: 18.186 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 4687453

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	3.9	5.9



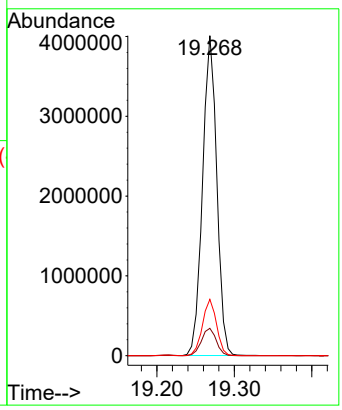


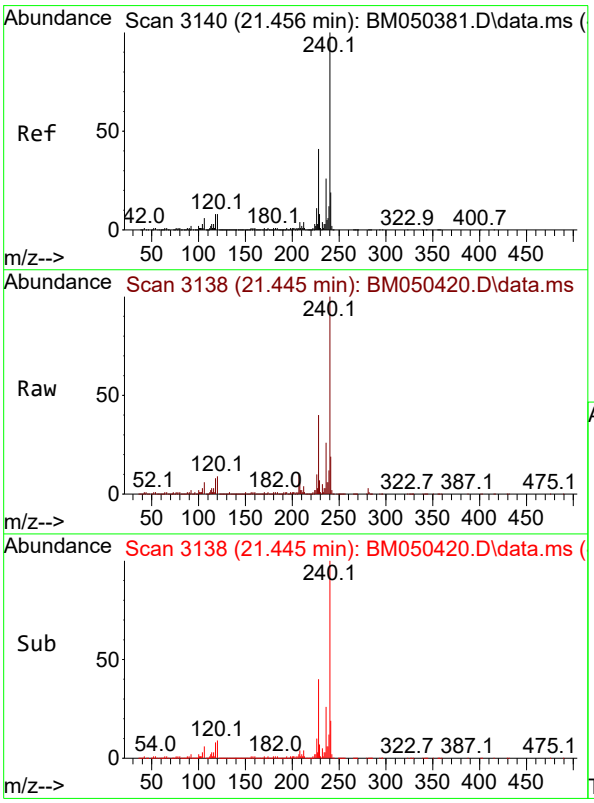
#75
Fluoranthene
Concen: 40.246 ng
RT: 19.268 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5108597

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.3
203	17.6	0.0	37.2

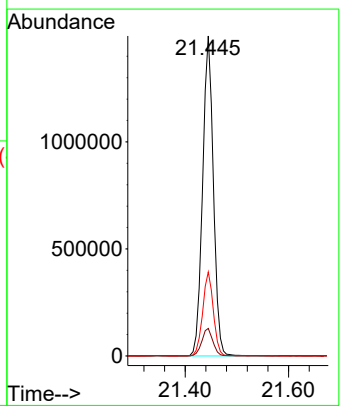


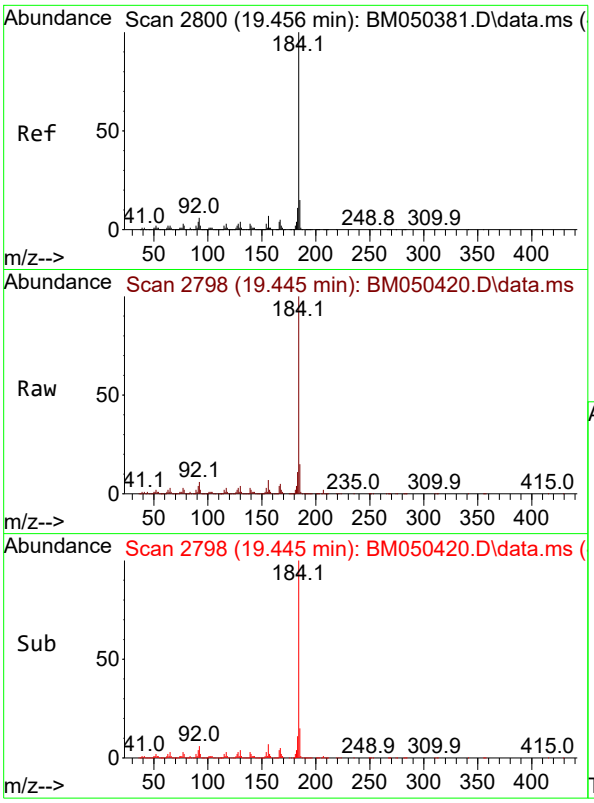


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:240 Resp: 2163428

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.7	10.1
236	26.2	20.7	31.1



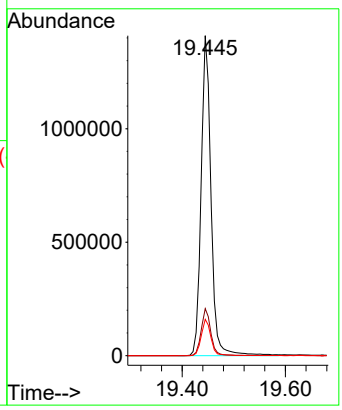


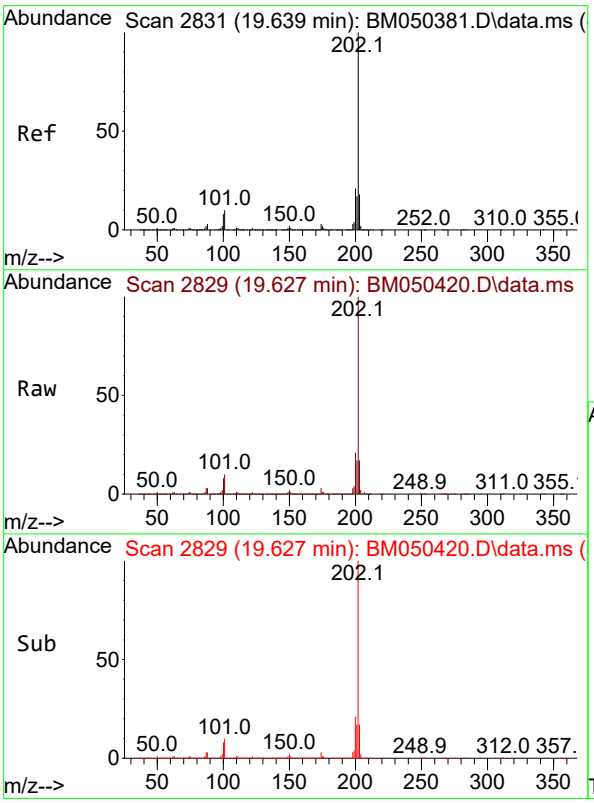
#77
Benzidine
Concen: 33.968 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1874376

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.4	9.0	13.6

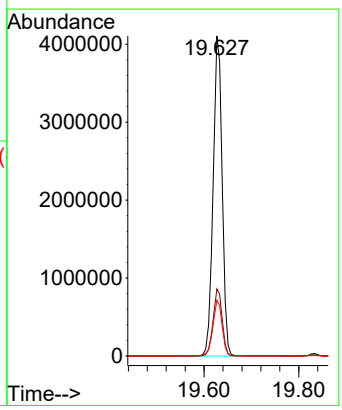


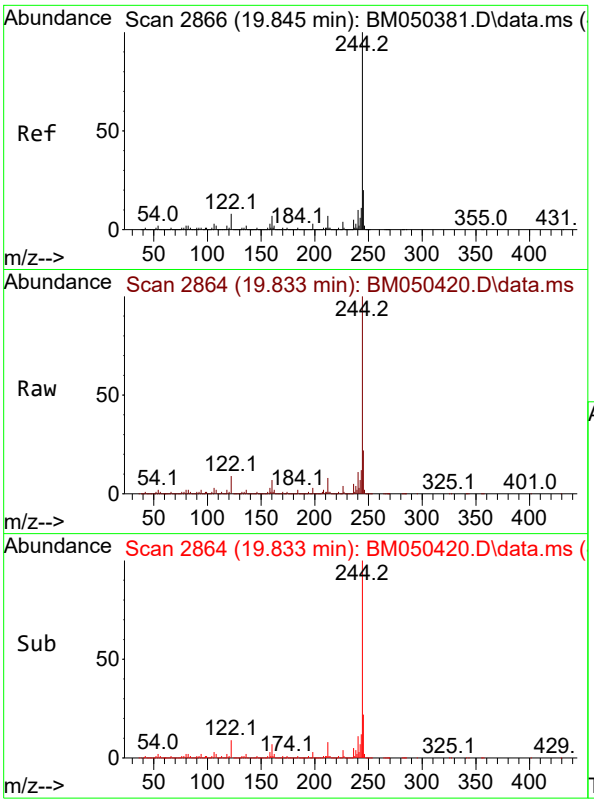


#78
Pyrene
Concen: 39.174 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:202 Resp: 5427881

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1



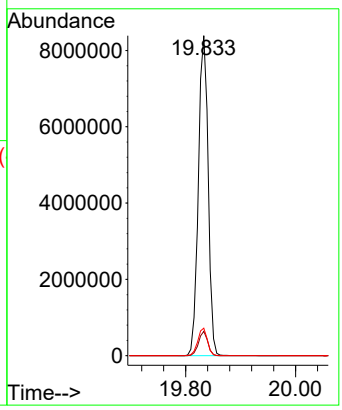


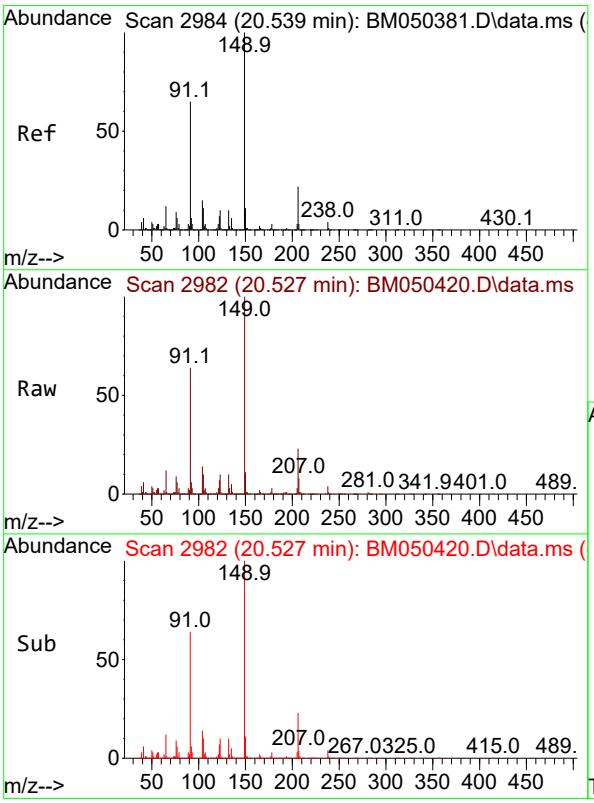
#79
Terphenyl-d14
Concen: 84.591 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10401334

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.6	6.2	9.2

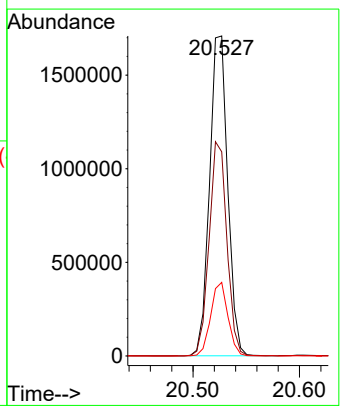


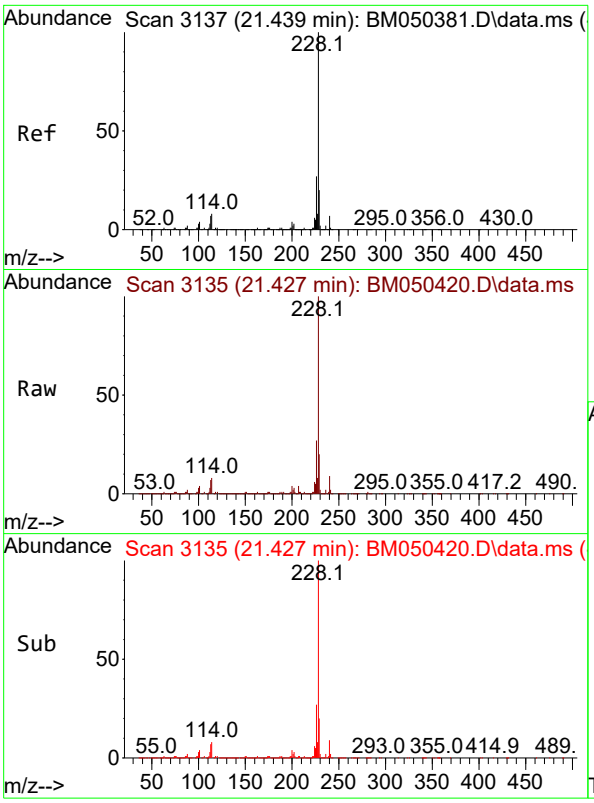


#80
Butylbenzylphthalate
Concen: 44.203 ng
RT: 20.527 min Scan# 2982
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 2019468

Ion	Ratio	Lower	Upper
149	100		
91	63.8	51.6	77.4
206	23.0	17.8	26.8



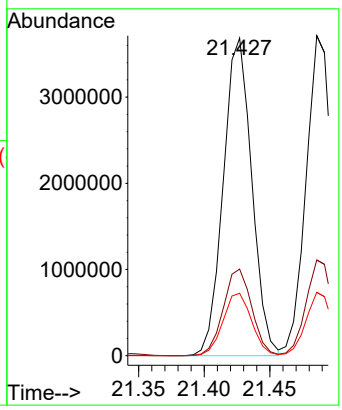


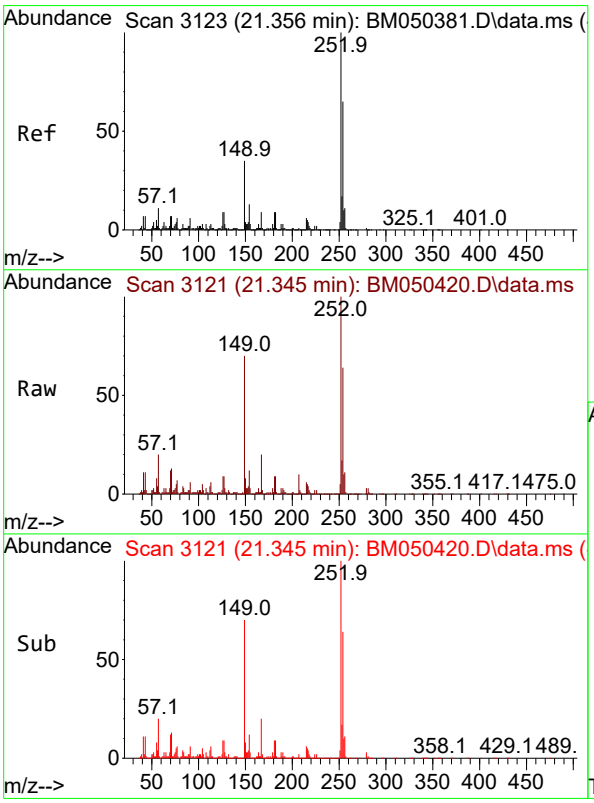
#81
Benzo(a)anthracene
Concen: 39.515 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5570170

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	16.0	24.0

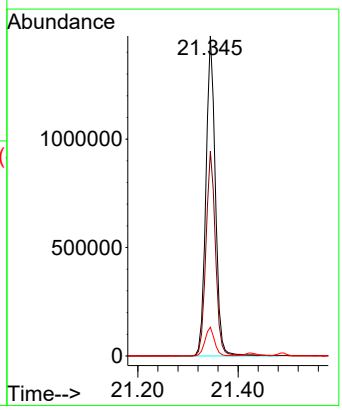


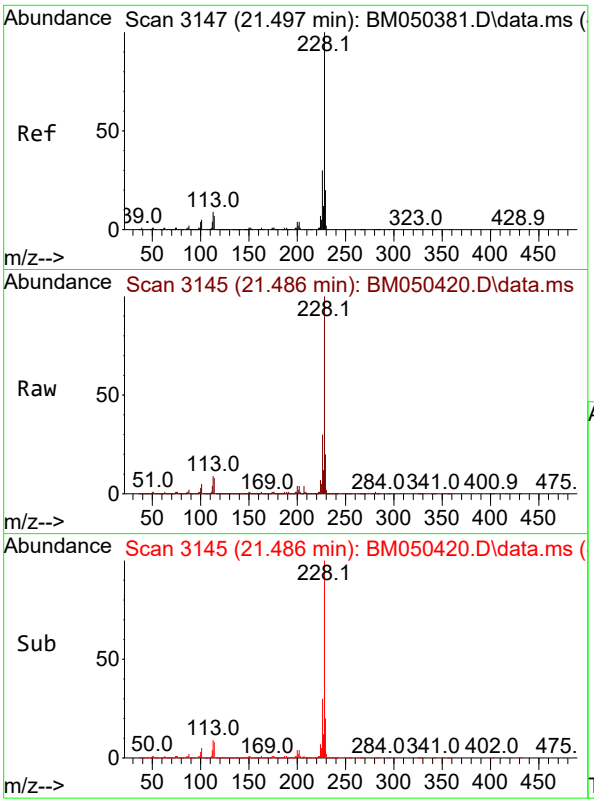


#82
3,3'-Dichlorobenzidine
Concen: 40.676 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:252 Resp: 1933638

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	9.0	7.3	10.9



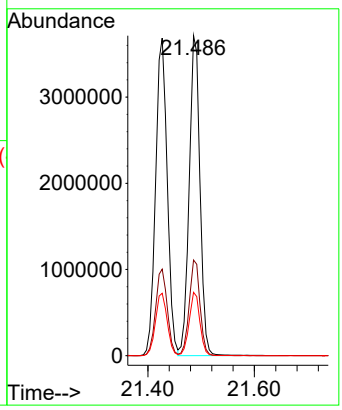


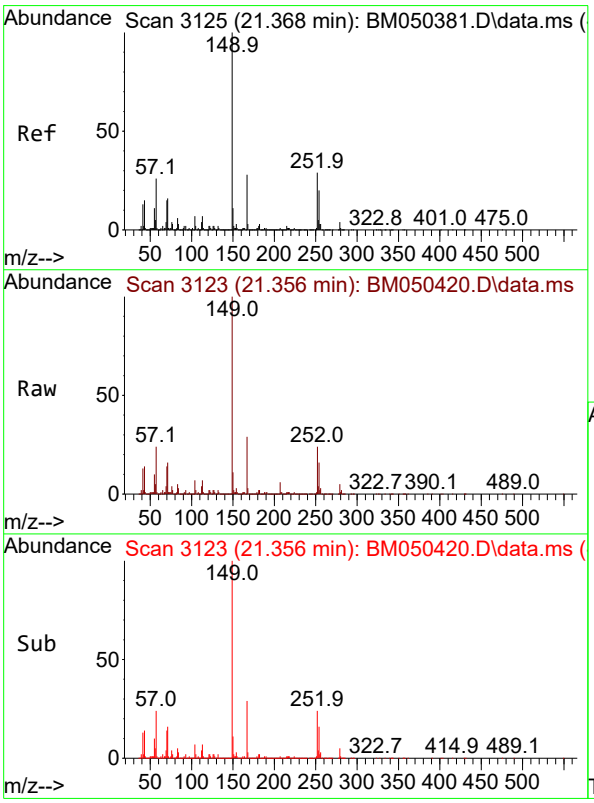
#83
Chrysene
Concen: 39.291 ng
RT: 21.486 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5224115

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.8	23.6

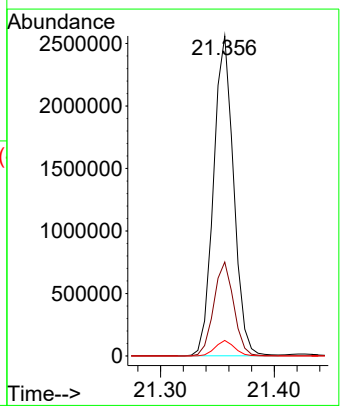


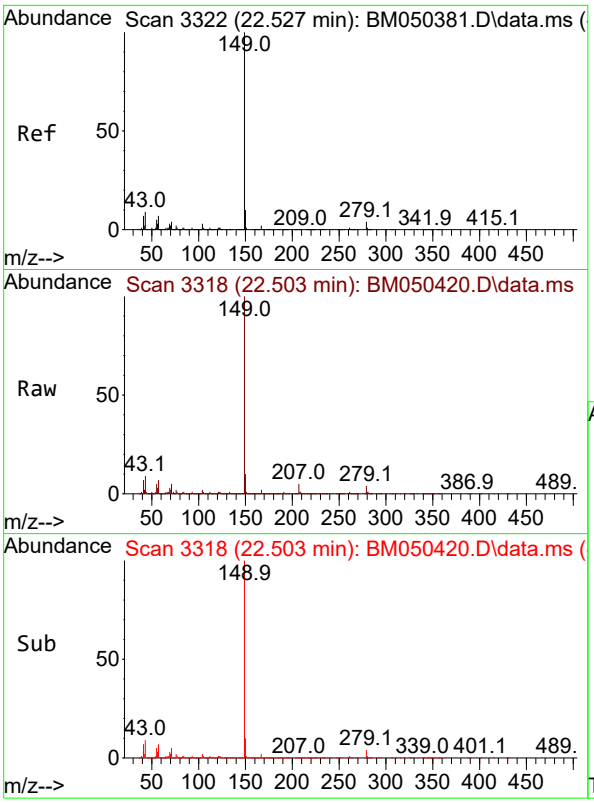


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.318 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:149 Resp: 3141688

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.7	34.1
279	4.8	3.5	5.3



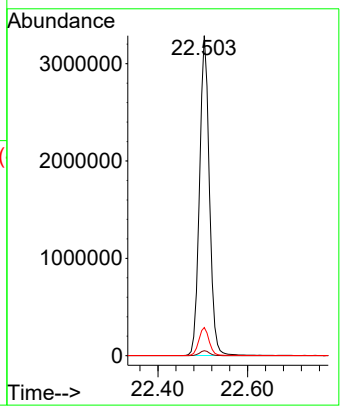


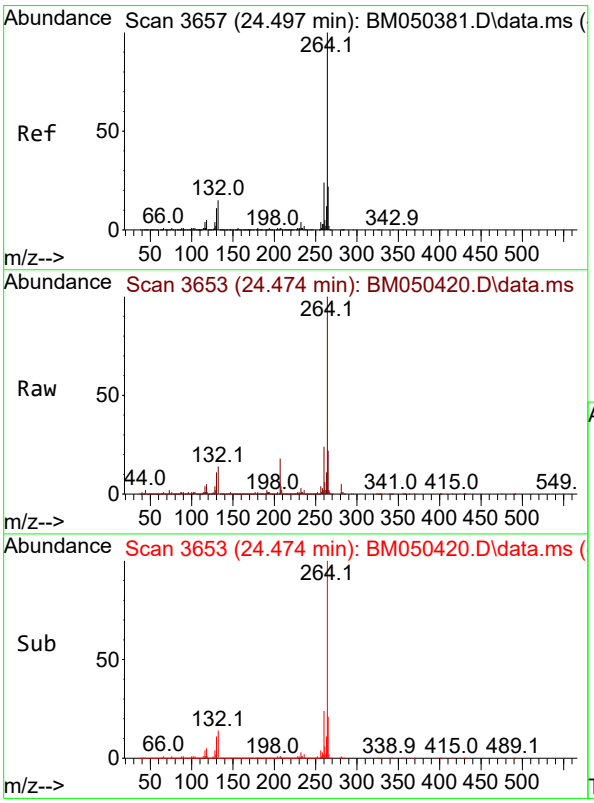
#85
Di-n-octyl phthalate
Concen: 44.044 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 5003034

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.7	11.5

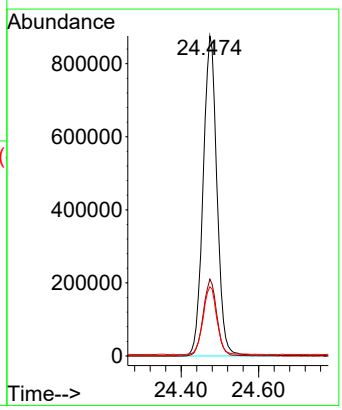


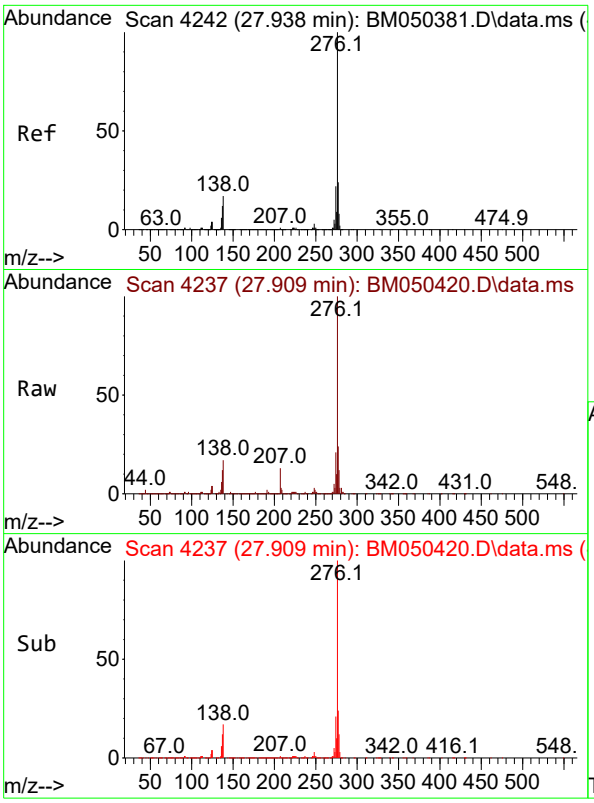


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. -0.023 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:264 Resp: 2167995

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.8	26.6



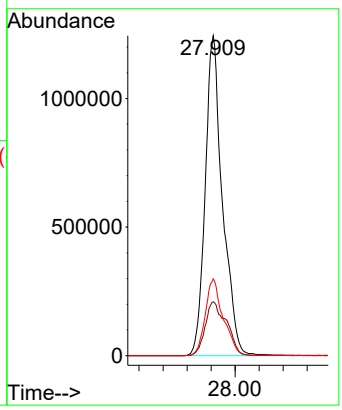


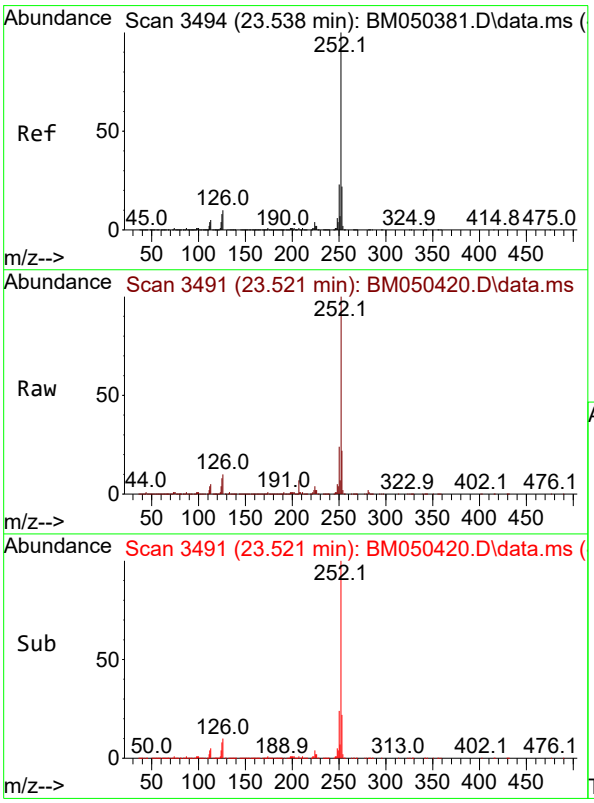
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.364 ng
RT: 27.909 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 6221760

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.0	25.6
277	24.9	20.0	30.0

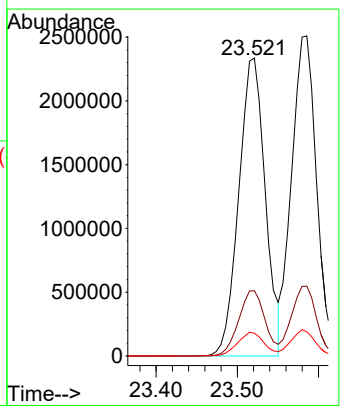


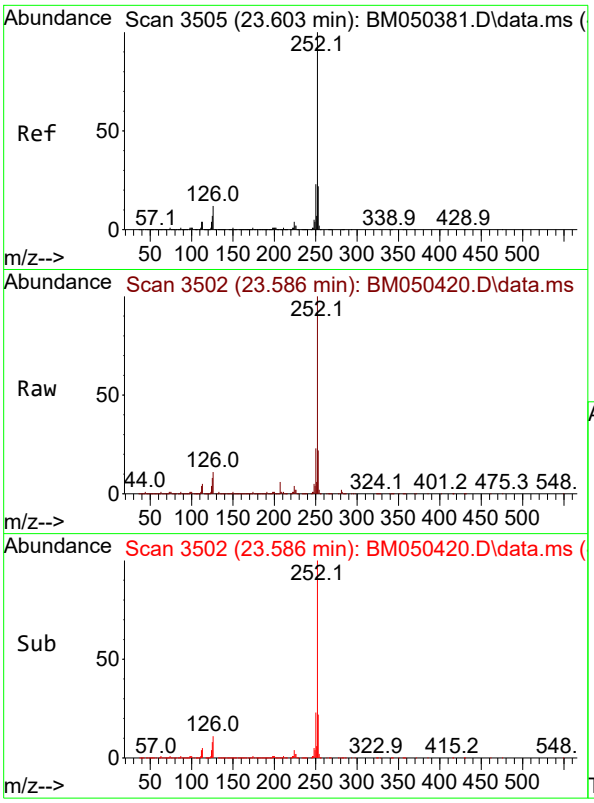


#88
Benzo(b)fluoranthene
Concen: 39.753 ng
RT: 23.521 min Scan# 3491
Delta R.T. -0.017 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:252 Resp: 5301218

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.6	6.3	9.5



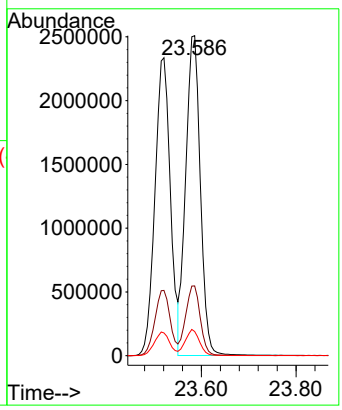


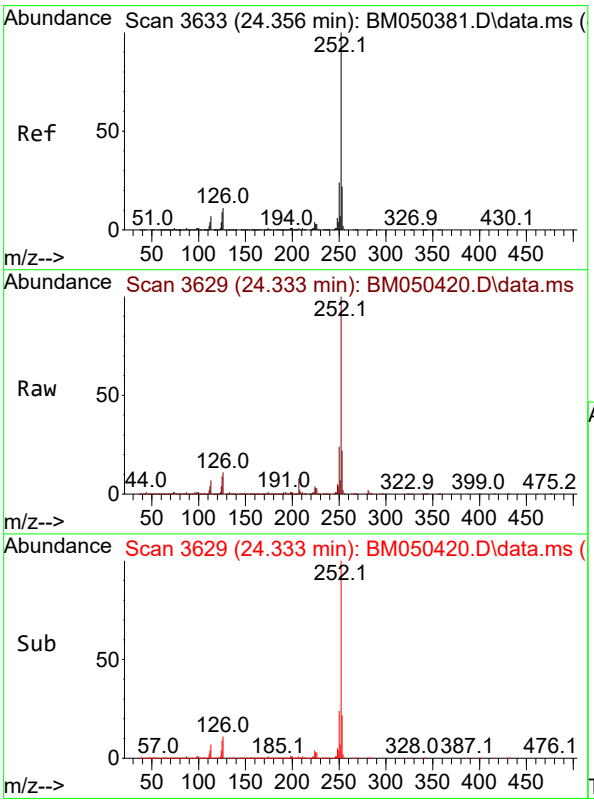
#89
Benzo(k)fluoranthene
Concen: 38.867 ng
RT: 23.586 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 5378004

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.6	6.2	9.2

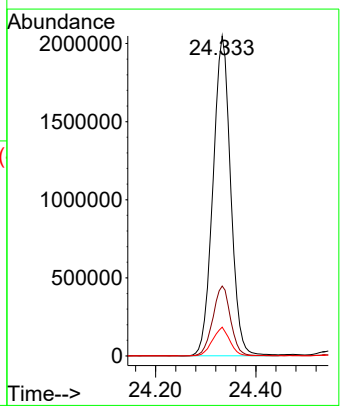


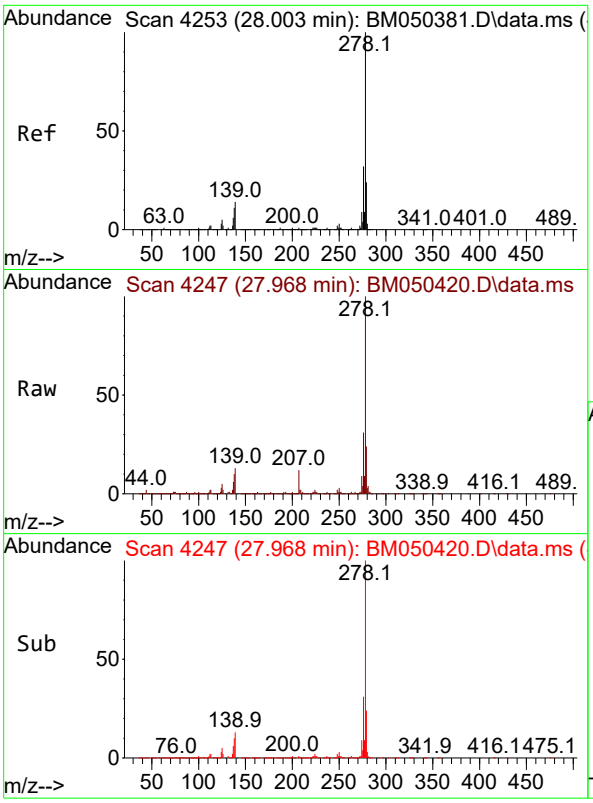


#90
Benzo(a)pyrene
Concen: 40.161 ng
RT: 24.333 min Scan# 3629
Delta R.T. -0.023 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:252 Resp: 5013387

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.0	7.0	10.4



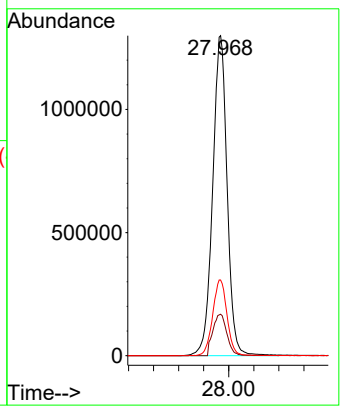


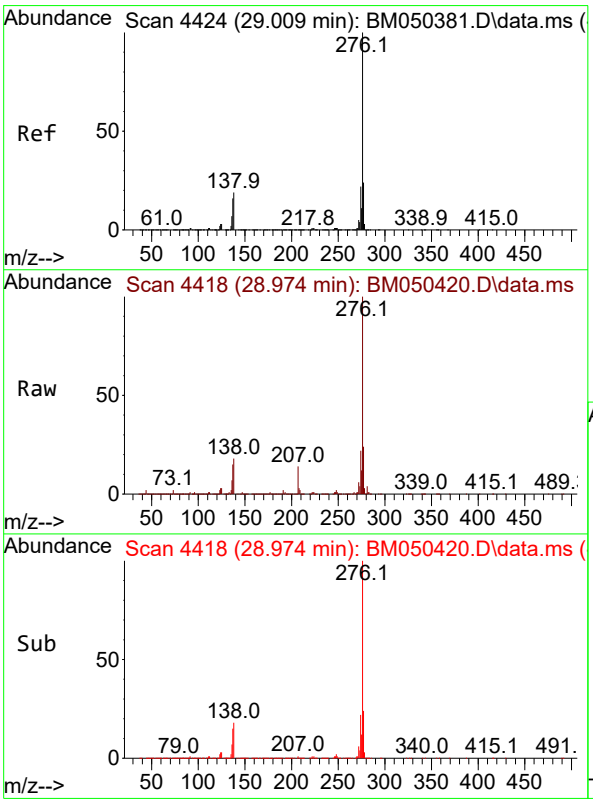
#91
Dibenzo(a,h)anthracene
Concen: 40.085 ng
RT: 27.968 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 5203687

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	23.7	19.4	29.0

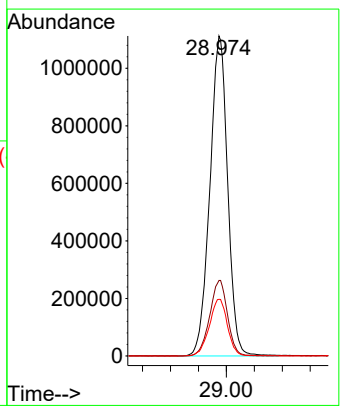




#92
Benzo(g,h,i)perylene
Concen: 39.995 ng
RT: 28.974 min Scan# 4418
Delta R.T. -0.035 min
Lab File: BM050420.D
Acq: 14 Jul 2025 10:50

Tgt Ion:276 Resp: 4906949

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.7	14.9	22.3



Sample Results: **BM050420.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2		1,4-Dioxane	0.478	0.451	5.6	105	0.00
3		Pyridine	1.254	1.202	4.1	105	0.00
4		n-Nitrosodimethylamine	0.585	0.558	4.6	105	0.00
5	S	2-Fluorophenol	1.162	1.133	2.5	106	0.00
6		Aniline	1.880	1.896	-0.9	108	0.00
7	S	Phenol-d6	1.465	1.474	-0.6	108	0.00
8		2-Chlorophenol	1.225	1.232	-0.6	109	0.00
9		Benzaldehyde	0.871	0.938	-7.7	112	0.00
10	C	Phenol	1.528	1.507	1.4	107	0.00
11		bis(2-Chloroethyl)ether	1.223	1.191	2.6	107	0.00
12		1,3-Dichlorobenzene	1.490	1.416	5.0	105	0.00
13	C	1,4-Dichlorobenzene	1.521	1.448	4.8	106	0.00
14		1,2-Dichlorobenzene	1.456	1.386	4.8	106	0.00
15		Benzyl Alcohol	1.032	1.047	-1.5	110	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.705	5.4	105	0.00
17		2-Methylphenol	0.991	0.991	0.0	108	0.00
18		Hexachloroethane	0.535	0.514	3.9	106	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.929	-4.7	110	0.00
20		3+4-Methylphenols	1.330	1.340	-0.8	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	107	0.00
22		Acetophenone	0.500	0.489	2.2	107	0.00
23	S	Nitrobenzene-d5	0.392	0.394	-0.5	108	0.00
24		Nitrobenzene	0.350	0.346	1.1	107	0.00
25		Isophorone	0.636	0.654	-2.8	110	0.00
26	C	2-Nitrophenol	0.143	0.160	-11.9	116	0.00
27		2,4-Dimethylphenol	0.303	0.303	0.0	109	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.414	1.9	106	0.00
29	C	2,4-Dichlorophenol	0.312	0.319	-2.2	110	0.00
30		1,2,4-Trichlorobenzene	0.373	0.361	3.2	107	0.00
31		Naphthalene	1.016	0.984	3.1	107	0.00
32		Benzoic acid	0.165	0.191	-15.8	125	0.00
33		4-Chloroaniline	0.429	0.437	-1.9	109	0.00
34	C	Hexachlorobutadiene	0.228	0.219	3.9	106	0.00
35		Caprolactam	0.085	0.095	-11.8	117	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.306	-5.2	111	0.00
37		2-Methylnaphthalene	0.641	0.641	0.0	108	0.00
38		1-Methylnaphthalene	0.679	0.680	-0.1	108	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	110	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.608	4.4	108	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.385	5.4	107	0.00
42	S	2,4,6-Tribromophenol	0.243	0.261	-7.4	116	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.400	-2.3	112	0.00
44		2,4,5-Trichlorophenol	0.428	0.436	-1.9	112	0.00
45	S	2-Fluorobiphenyl	1.620	1.546	4.6	107	0.00
46		1,1'-Biphenyl	1.484	1.416	4.6	108	0.00
47		2-Chloronaphthalene	1.183	1.128	4.6	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.286	-8.3	113	0.00
49		Acenaphthylene	1.788	1.762	1.5	109	0.00
50		Dimethylphthalate	1.377	1.364	0.9	111	0.00
51		2,6-Dinitrotoluene	0.264	0.285	-8.0	115	-0.01
52	C	Acenaphthene	1.137	1.112	2.2	110	0.00
53		3-Nitroaniline	0.281	0.305	-8.5	114	0.00
54	P	2,4-Dinitrophenol	0.121	0.141	-16.5	133	0.00
55		Dibenzofuran	1.751	1.695	3.2	109	0.00
56	P	4-Nitrophenol	0.242	0.255	-5.4	115	0.00
57		2,4-Dinitrotoluene	0.350	0.390	-11.4	116	0.00
58		Fluorene	1.443	1.411	2.2	110	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.372	-3.3	112	0.00
60		Diethylphthalate	1.315	1.310	0.4	110	-0.01
61		4-Chlorophenyl-phenylether	0.754	0.737	2.3	109	0.00
62		4-Nitroaniline	0.288	0.317	-10.1	112	0.00
63		Azobenzene	1.208	1.192	1.3	109	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.107	-12.6	128	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.612	2.2	110	0.00
67		4-Bromophenyl-phenylether	0.220	0.218	0.9	113	-0.01
68		Hexachlorobenzene	0.260	0.256	1.5	112	0.00
69		Atrazine	0.206	0.211	-2.4	112	-0.01
70	C	Pentachlorophenol	0.162	0.166	-2.5	116	0.00
71		Phenanthrene	1.132	1.094	3.4	112	0.00
72		Anthracene	1.127	1.116	1.0	112	-0.01
73		Carbazole	1.019	1.020	-0.1	114	0.00
74		Di-n-butylphthalate	1.116	1.136	-1.8	112	-0.01
75	C	Fluoranthene	1.230	1.238	-0.7	113	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	114	-0.01
77		Benzidine	0.510	0.433	15.1	89	-0.01
78		Pyrene	1.281	1.254	2.1	113	-0.01
79	S	Terphenyl-d14	1.137	1.202	-5.7	109	-0.01
80		Butylbenzylphthalate	0.422	0.467	-10.7	120	-0.01
81		Benzo(a)anthracene	1.303	1.287	1.2	114	-0.01
82		3,3'-Dichlorobenzidine	0.439	0.447	-1.8	118	-0.01
83		Chrysene	1.229	1.207	1.8	113	-0.01
84		Bis(2-ethylhexyl)phthalate	0.670	0.726	-8.4	117	-0.01
85	c	Di-n-octyl phthalate	1.050	1.156	-10.1	124	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	118	-0.02
87		Indeno(1,2,3-cd)pyrene	1.422	1.435	-0.9	119	-0.03
88		Benzo(b)fluoranthene	1.230	1.223	0.6	117	-0.02
89		Benzo(k)fluoranthene	1.276	1.240	2.8	116	-0.02
90	C	Benzo(a)pyrene	1.152	1.156	-0.3	118	-0.02
91		Dibenzo(a,h)anthracene	1.198	1.200	-0.2	118	-0.04
92		Benzo(g,h,i)perylene	1.132	1.132	0.0	119	-0.04

Sample Results: **BM050420.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050420.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	107	0.00
2		1,4-Dioxane	40.000	37.733	5.7	105	0.00
3		Pyridine	40.000	38.328	4.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.154	4.6	105	0.00
5	S	2-Fluorophenol	80.000	77.977	2.5	106	0.00
6		Aniline	40.000	40.340	-0.9	108	0.00
7	S	Phenol-d6	80.000	80.527	-0.7	108	0.00
8		2-Chlorophenol	40.000	40.228	-0.6	109	0.00
9		Benzaldehyde	40.000	43.050	-7.6	112	0.00
10	C	Phenol	40.000	39.449	1.4	107	0.00
11		bis(2-Chloroethyl)ether	40.000	38.947	2.6	107	0.00
12		1,3-Dichlorobenzene	40.000	38.032	4.9	105	0.00
13	C	1,4-Dichlorobenzene	40.000	38.088	4.8	106	0.00
14		1,2-Dichlorobenzene	40.000	38.064	4.8	106	0.00
15		Benzyl Alcohol	40.000	40.594	-1.5	110	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.836	5.4	105	0.00
17		2-Methylphenol	40.000	40.013	-0.0	108	0.00
18		Hexachloroethane	40.000	38.415	4.0	106	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.876	-4.7	110	0.00
20		3+4-Methylphenols	40.000	40.287	-0.7	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22		Acetophenone	40.000	39.133	2.2	107	0.00
23	S	Nitrobenzene-d5	80.000	80.329	-0.4	108	0.00
24		Nitrobenzene	40.000	39.513	1.2	107	0.00
25		Isophorone	40.000	41.151	-2.9	110	0.00
26	C	2-Nitrophenol	40.000	44.802	-12.0	116	0.00
27		2,4-Dimethylphenol	40.000	39.940	0.2	109	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.296	1.8	106	0.00
29	C	2,4-Dichlorophenol	40.000	40.926	-2.3	110	0.00
30		1,2,4-Trichlorobenzene	40.000	38.777	3.1	107	0.00
31		Naphthalene	40.000	38.731	3.2	107	0.00
32		Benzoic acid	40.000	41.838	-4.6	125	0.00
33		4-Chloroaniline	40.000	40.688	-1.7	109	0.00
34	C	Hexachlorobutadiene	40.000	38.436	3.9	106	0.00
35		Caprolactam	40.000	44.483	-11.2	117	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.034	-5.1	111	0.00
37		2-Methylnaphthalene	40.000	39.983	0.0	108	0.00
38		1-Methylnaphthalene	40.000	40.061	-0.2	108	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	110	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.240	4.4	108	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.918	5.2	107	0.00
42	S	2,4,6-Tribromophenol	80.000	85.999	-7.5	116	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.918	-2.3	112	0.00
44		2,4,5-Trichlorophenol	40.000	40.768	-1.9	112	0.00
45	S	2-Fluorobiphenyl	80.000	76.367	4.5	107	0.00
46		1,1'-Biphenyl	40.000	38.175	4.6	108	0.00
47		2-Chloronaphthalene	40.000	38.147	4.6	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.275	-8.2	113	0.00
49		Acenaphthylene	40.000	39.415	1.5	109	0.00
50		Dimethylphthalate	40.000	39.622	0.9	111	0.00
51		2,6-Dinitrotoluene	40.000	43.075	-7.7	115	-0.01
52	C	Acenaphthene	40.000	39.128	2.2	110	0.00
53		3-Nitroaniline	40.000	43.339	-8.3	114	0.00
54	P	2,4-Dinitrophenol	40.000	42.075	-5.2	133	0.00
55		Dibenzofuran	40.000	38.699	3.3	109	0.00
56	P	4-Nitrophenol	40.000	42.184	-5.5	115	0.00
57		2,4-Dinitrotoluene	40.000	39.943	0.1	116	0.00
58		Fluorene	40.000	39.119	2.2	110	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.323	-3.3	112	0.00
60		Diethylphthalate	40.000	39.842	0.4	110	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.084	2.3	109	0.00
62		4-Nitroaniline	40.000	39.682	0.8	112	0.00
63		Azobenzene	40.000	39.488	1.3	109	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.812	-2.0	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.096	2.3	110	0.00
67		4-Bromophenyl-phenylether	40.000	39.662	0.8	113	-0.01
68		Hexachlorobenzene	40.000	39.272	1.8	112	0.00
69		Atrazine	40.000	41.115	-2.8	112	-0.01
70	C	Pentachlorophenol	40.000	41.046	-2.6	116	0.00
71		Phenanthrene	40.000	38.667	3.3	112	0.00
72		Anthracene	40.000	39.639	0.9	112	-0.01
73		Carbazole	40.000	40.022	-0.1	114	0.00
74		Di-n-butylphthalate	40.000	40.722	-1.8	112	-0.01
75	C	Fluoranthene	40.000	40.246	-0.6	113	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	114	-0.01
77		Benzidine	40.000	33.968	15.1	89	-0.01
78		Pyrene	40.000	39.174	2.1	113	-0.01
79	S	Terphenyl-d14	80.000	84.591	-5.7	109	-0.01
80		Butylbenzylphthalate	40.000	44.203	-10.5	120	-0.01
81		Benzo(a)anthracene	40.000	39.515	1.2	114	-0.01
82		3,3'-Dichlorobenzidine	40.000	40.676	-1.7	118	-0.01
83		Chrysene	40.000	39.291	1.8	113	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	43.318	-8.3	117	-0.01
85	c	Di-n-octyl phthalate	40.000	44.044	-10.1	124	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	118	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	40.364	-0.9	119	-0.03
88		Benzo(b)fluoranthene	40.000	39.753	0.6	117	-0.02
89		Benzo(k)fluoranthene	40.000	38.867	2.8	116	-0.02
90	C	Benzo(a)pyrene	40.000	40.161	-0.4	118	-0.02
91		Dibenzo(a,h)anthracene	40.000	40.085	-0.2	118	-0.04
92		Benzo(g,h,i)perylene	40.000	39.995	0.0	119	-0.04

Sample Results: **BM050420.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050420.D
Acq On : 14 Jul 2025 10:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 12:47:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 16:53

Lab File ID: BM050429.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.168		0.5	
Benzaldehyde	0.871	0.978		12.3	
Phenol-d6	1.465	1.509		3.0	
Phenol	1.528	1.550		1.4	20.0
bis(2-Chloroethyl)ether	1.223	1.201		-1.8	
2-Chlorophenol	1.225	1.227		0.2	
2-Methylphenol	0.991	0.997		0.6	
2,2-oxybis(1-Chloropropane)	1.802	1.758		-2.4	
Acetophenone	0.500	0.498		-0.4	
3+4-Methylphenols	1.330	1.325		-0.4	
n-Nitroso-di-n-propylamine	0.887	0.921	0.050	3.8	
Nitrobenzene-d5	0.392	0.399		1.8	
Hexachloroethane	0.535	0.528		-1.3	
Nitrobenzene	0.350	0.351		0.3	
Isophorone	0.636	0.632		-0.6	
2-Nitrophenol	0.143	0.152		6.3	20.0
2,4-Dimethylphenol	0.303	0.299		-1.3	
bis(2-Chloroethoxy)methane	0.422	0.410		-2.8	
2,4-Dichlorophenol	0.312	0.313		0.3	20.0
Naphthalene	1.016	0.985		-3.1	
4-Chloroaniline	0.429	0.431		0.5	
Hexachlorobutadiene	0.228	0.214		-6.1	20.0
Caprolactam	0.085	0.086		1.2	
4-Chloro-3-methylphenol	0.291	0.297		2.1	20.0
2-Methylnaphthalene	0.641	0.632		-1.4	
Hexachlorocyclopentadiene	0.407	0.389	0.050	-4.4	
2,4,6-Trichlorophenol	0.391	0.395		1.0	20.0
2-Fluorobiphenyl	1.620	1.578		-2.6	
2,4,5-Trichlorophenol	0.428	0.430		0.5	
1,1-Biphenyl	1.484	1.450		-2.3	
2-Chloronaphthalene	1.183	1.165		-1.5	
2-Nitroaniline	0.264	0.284		7.6	
Dimethylphthalate	1.377	1.351		-1.9	
Acenaphthylene	1.788	1.795		0.4	
2,6-Dinitrotoluene	0.264	0.279		5.7	
3-Nitroaniline	0.281	0.301		7.1	
Acenaphthene	1.137	1.130		-0.6	20.0
2,4-Dinitrophenol	0.121	0.129	0.050	6.6	
4-Nitrophenol	0.242	0.252	0.050	4.1	

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 16:53

Lab File ID: BM050429.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.713		-2.2	
2,4-Dinitrotoluene	0.350	0.382		9.1	
Diethylphthalate	1.315	1.308		-0.5	
4-Chlorophenyl-phenylether	0.754	0.739		-2.0	
Fluorene	1.443	1.436		-0.5	
4-Nitroaniline	0.288	0.322		11.8	
4,6-Dinitro-2-methylphenol	0.095	0.101		6.3	
n-Nitrosodiphenylamine	0.626	0.615		-1.8	20.0
2,4,6-Tribromophenol	0.243	0.255		4.9	
4-Bromophenyl-phenylether	0.220	0.215		-2.3	
Hexachlorobenzene	0.260	0.251		-3.5	
Atrazine	0.206	0.210		1.9	
Pentachlorophenol	0.162	0.165		1.9	20.0
Phenanthrene	1.132	1.100		-2.8	
Anthracene	1.127	1.122		-0.4	
Carbazole	1.019	1.039		2.0	
Di-n-butylphthalate	1.116	1.151		3.1	
Fluoranthene	1.230	1.253		1.9	20.0
Pyrene	1.281	1.213		-5.3	
Terphenyl-d14	1.137	1.182		4.0	
Butylbenzylphthalate	0.422	0.453		7.3	
3,3-Dichlorobenzidine	0.439	0.426		-3.0	
Benzo(a)anthracene	1.303	1.300		-0.2	
Chrysene	1.229	1.213		-1.3	
Bis(2-ethylhexyl)phthalate	0.670	0.731		9.1	
Di-n-octyl phthalate	1.050	1.148		9.3	20.0
Benzo(b)fluoranthene	1.230	1.225		-0.4	
Benzo(k)fluoranthene	1.276	1.236		-3.1	
Benzo(a)pyrene	1.152	1.164		1.0	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.455		2.3	
Dibenzo(a,h)anthracene	1.198	1.223		2.1	
Benzo(g,h,i)perylene	1.132	1.152		1.8	
1,2,4,5-Tetrachlorobenzene	0.636	0.609		-4.2	
1,4-Dioxane	0.478	0.462		-3.3	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.367		1.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	427187	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1630124	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	1036891	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1998802	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2212244	20.000	ng		-0.01
86) Perylene-d12	24.474	264	2243965	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1995139	80.393	ng		0.00
7) Phenol-d6	7.022	99	2577722	82.395	ng		0.00
23) Nitrobenzene-d5	9.016	82	2601285	81.413	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1057523	83.942	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6545863	77.961	ng		0.00
79) Terphenyl-d14	19.833	244	10463512	83.219	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	394686	38.676	ng		98
3) Pyridine	3.740	79	1069904	39.934	ng		100
4) n-Nitrosodimethylamine	3.640	42	508628	40.722	ng		98
6) Aniline	7.187	93	1615491	40.237	ng		99
8) 2-Chlorophenol	7.428	128	1048575	40.070	ng		98
9) Benzaldehyde	6.998	77	835180	44.877	ng		99
10) Phenol	7.051	94	1324515	40.591	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1025844	39.256	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1243648	39.084	ng		97
13) 1,4-Dichlorobenzene	7.898	146	1267305	39.004	ng		100
14) 1,2-Dichlorobenzene	8.216	146	1216761	39.116	ng		100
15) Benzyl Alcohol	8.098	79	885308	40.162	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1502122	39.024	ng		99
17) 2-Methylphenol	8.298	107	851638	40.241	ng		98
18) Hexachloroethane	8.951	117	450718	39.443	ng		99
19) n-Nitroso-di-n-propyla...	8.669	70	786604	41.504	ng		98
20) 3+4-Methylphenols	8.628	107	1131842	39.839	ng		99
22) Acetophenone	8.681	105	1622764	39.815	ng	#	99
24) Nitrobenzene	9.057	77	1144240	40.131	ng		100
25) Isophorone	9.587	82	2059150	39.716	ng		99
26) 2-Nitrophenol	9.769	139	496689	42.742	ng		98
27) 2,4-Dimethylphenol	9.828	122	976301	39.483	ng		100
28) bis(2-Chloroethoxy)met...	10.069	93	1337922	38.943	ng		99
29) 2,4-Dichlorophenol	10.304	162	1021142	40.196	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1165230	38.342	ng		99
31) Naphthalene	10.710	128	3211004	38.781	ng		100
32) Benzoic acid	9.945	122	586168	39.787	ng		98
33) 4-Chloroaniline	10.810	127	1405215	40.145	ng		100
34) Hexachlorobutadiene	11.004	225	697048	37.580	ng		99
35) Caprolactam	11.586	113	280390	40.432	ng		98
36) 4-Chloro-3-methylphenol	11.928	107	967256	40.774	ng		98
37) 2-Methylnaphthalene	12.316	142	2060342	39.410	ng		99
38) 1-Methylnaphthalene	12.533	142	2180920	39.418	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1263676	38.323	ng		100
41) Hexachlorocyclopentadiene	12.669	237	806112	38.245	ng		98
43) 2,4,6-Trichlorophenol	12.922	196	819880	40.394	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

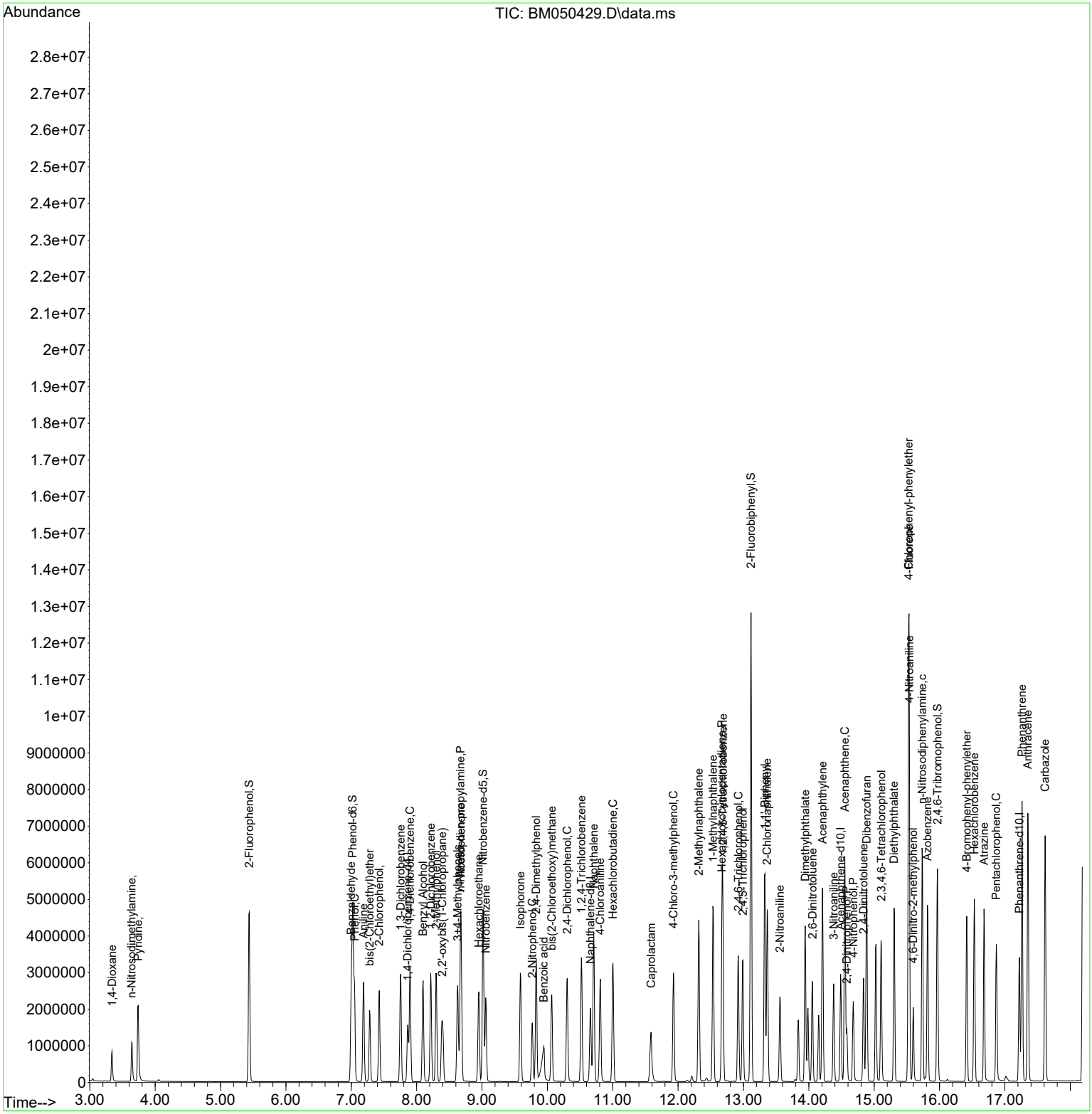
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	890828	40.188	ng	99
46) 1,1'-Biphenyl	13.327	154	3007012	39.087	ng	100
47) 2-Chloronaphthalene	13.363	162	2415494	39.380	ng	100
48) 2-Nitroaniline	13.557	65	589561	43.062	ng	100
49) Acenaphthylene	14.210	152	3721946	40.151	ng	99
50) Dimethylphthalate	13.945	163	2802244	39.254	ng	100
51) 2,6-Dinitrotoluene	14.057	165	579111	42.250	ng	99
52) Acenaphthene	14.551	154	2344038	39.774	ng	99
53) 3-Nitroaniline	14.380	138	624821	42.864	ng	99
54) 2,4-Dinitrophenol	14.580	184	267609	38.955	ng	97
55) Dibenzofuran	14.886	168	3551782	39.114	ng	99
56) 4-Nitrophenol	14.680	139	522847	41.709	ng	98
57) 2,4-Dinitrotoluene	14.839	165	792992	39.178	ng	99
58) Fluorene	15.533	166	2977081	39.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	761198	40.793	ng	98
60) Diethylphthalate	15.304	149	2712046	39.771	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1532279	39.180	ng	99
62) 4-Nitroaniline	15.539	138	667412	40.267	ng	95
63) Azobenzene	15.816	77	2546901	40.674	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	401999	38.794	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2458928	39.314	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	859585	39.033	ng	98
68) Hexachlorobenzene	16.533	284	1005198	38.647	ng	98
69) Atrazine	16.680	200	840199	40.910	ng	98
70) Pentachlorophenol	16.868	266	658229	40.653	ng	99
71) Phenanthrene	17.263	178	4399238	38.896	ng	99
72) Anthracene	17.351	178	4486017	39.846	ng	99
73) Carbazole	17.615	167	4153041	40.769	ng	99
74) Di-n-butylphthalate	18.186	149	4602132	41.275	ng	99
75) Fluoranthene	19.268	202	5010785	40.753	ng	99
77) Benzidine	19.445	184	1324060	23.465	ng	99
78) Pyrene	19.627	202	5368083	37.888	ng	100
80) Butylbenzylphthalate	20.521	149	2002932	42.873	ng	96
81) Benzo(a)anthracene	21.427	228	5752101	39.905	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1883647	38.750	ng	99
83) Chrysene	21.486	228	5368548	39.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	3234021	43.607	ng	99
85) Di-n-octyl phthalate	22.503	149	5078142	43.719	ng	100
87) Indeno(1,2,3-cd)pyrene	27.915	276	6529221	40.924	ng	100
88) Benzo(b)fluoranthene	23.515	252	5496193	39.820	ng	100
89) Benzo(k)fluoranthene	23.580	252	5546638	38.728	ng	99
90) Benzo(a)pyrene	24.333	252	5221766	40.414	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	5489209	40.853	ng	99
92) Benzo(g,h,i)perylene	28.979	276	5170029	40.712	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
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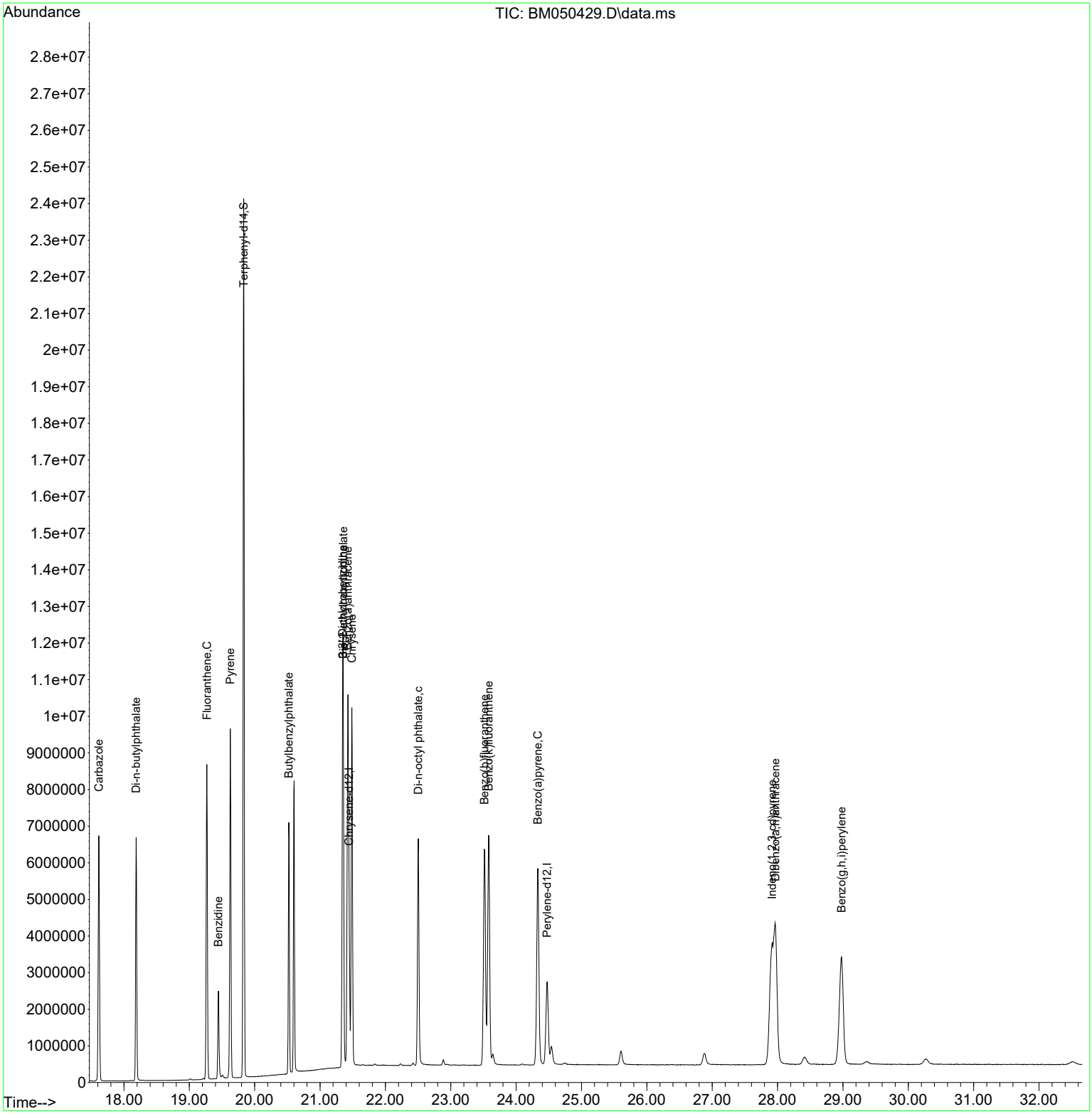
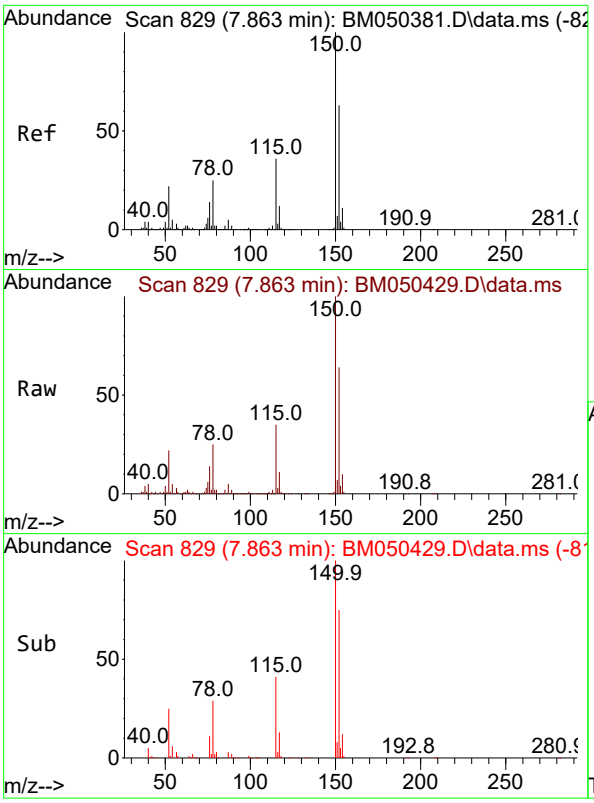


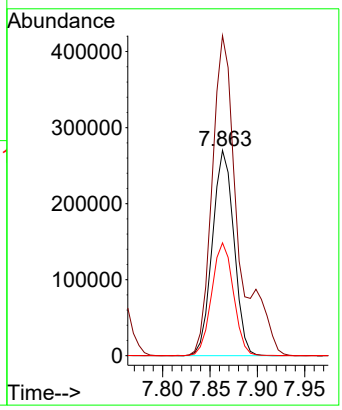


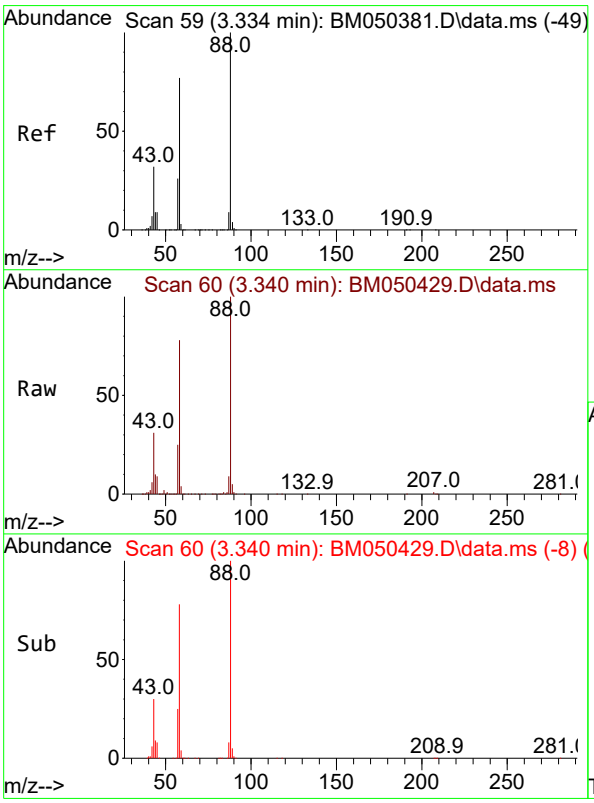
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 427187

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.4
115	54.9	45.8	68.8

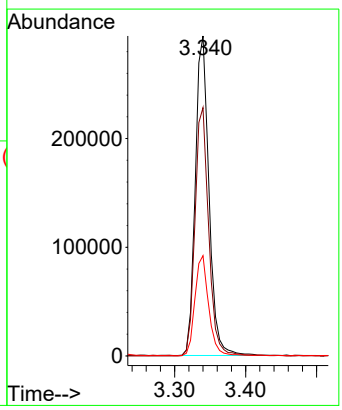


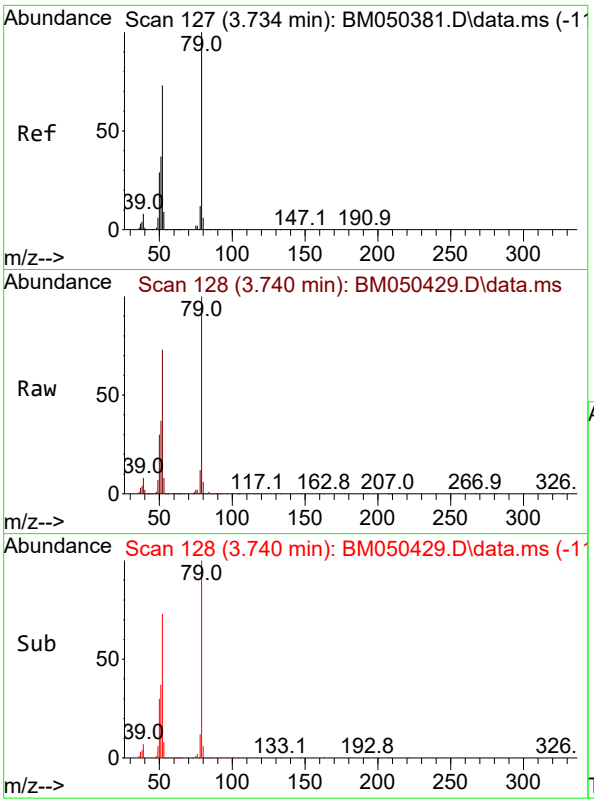


#2
1,4-Dioxane
Concen: 38.676 ng
RT: 3.340 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 88 Resp: 394686

Ion	Ratio	Lower	Upper
88	100		
58	77.9	61.0	91.6
43	31.3	24.6	37.0



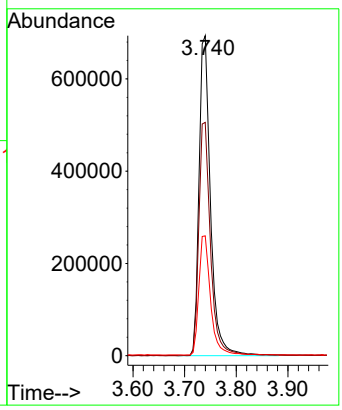


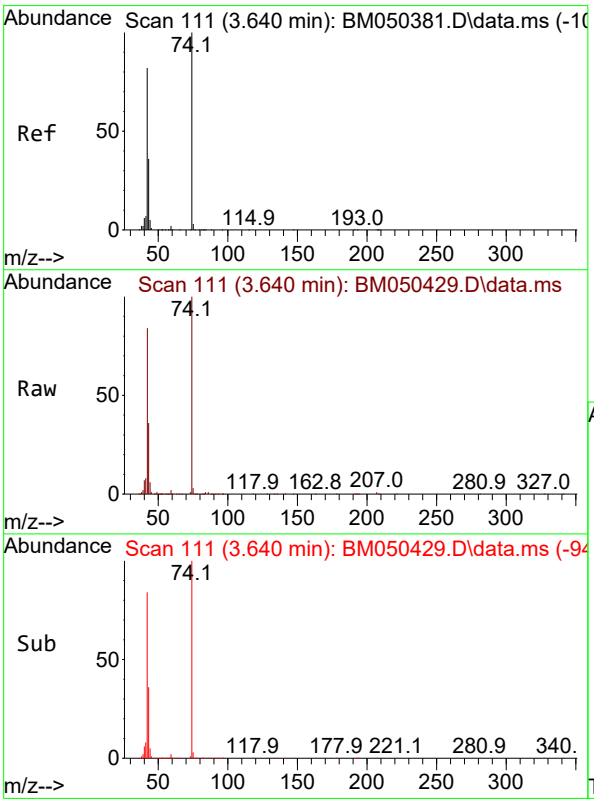
#3
Pyridine
Concen: 39.934 ng
RT: 3.740 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1069904

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	37.4	29.6	44.4

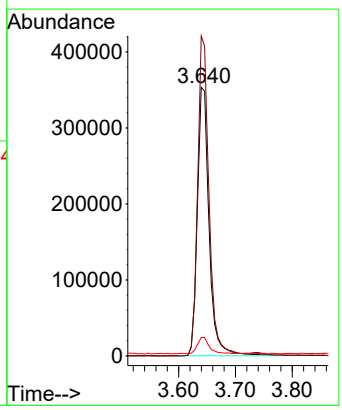


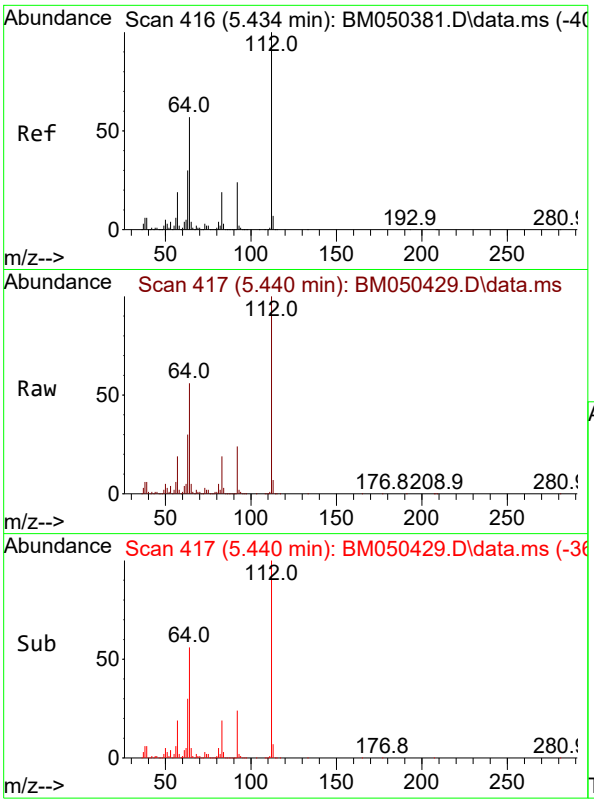


#4
n-Nitrosodimethylamine
Concen: 40.722 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 42 Resp: 508628

Ion	Ratio	Lower	Upper
42	100		
74	119.1	97.5	146.3
44	6.9	5.7	8.5



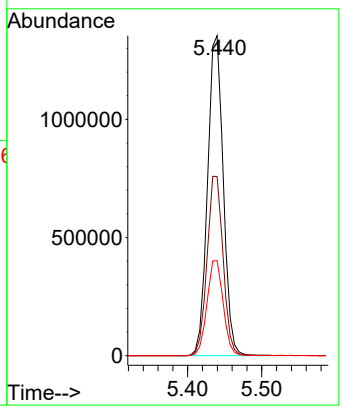


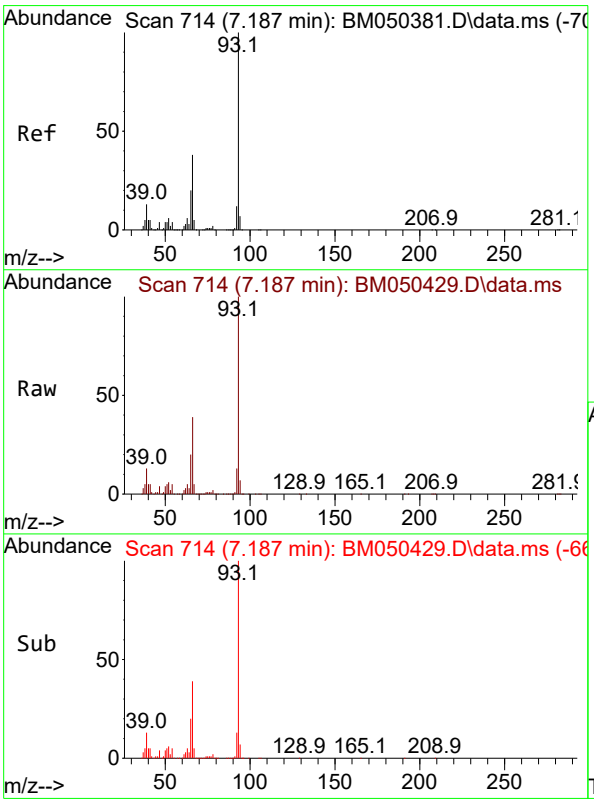
#5
2-Fluorophenol
Concen: 80.393 ng
RT: 5.440 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1995139

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.5	68.3
63	29.7	24.2	36.4

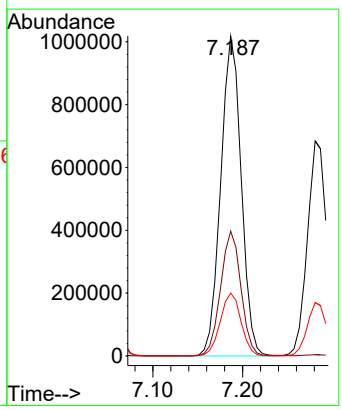


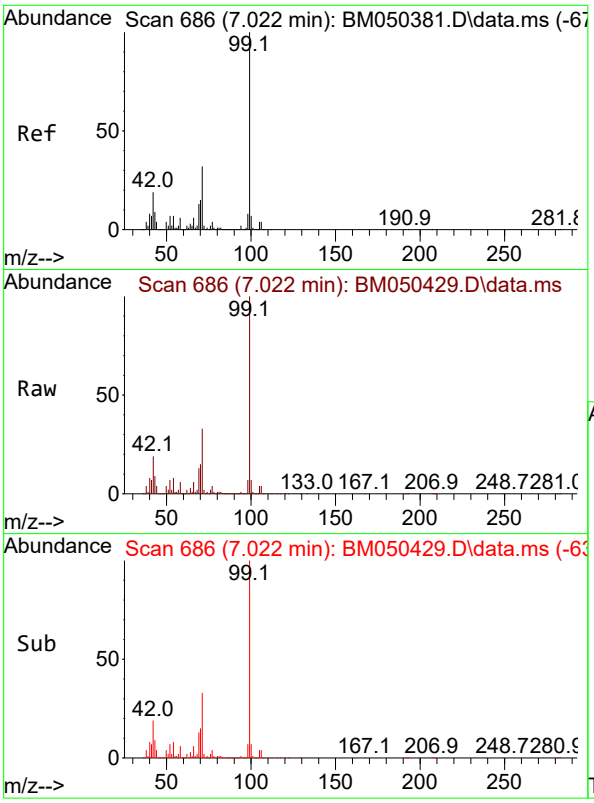


#6
Aniline
Concen: 40.237 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 93 Resp: 1615491

Ion	Ratio	Lower	Upper
93	100		
66	39.0	30.5	45.7
65	19.6	15.9	23.9



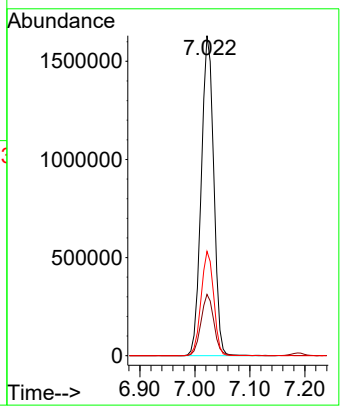


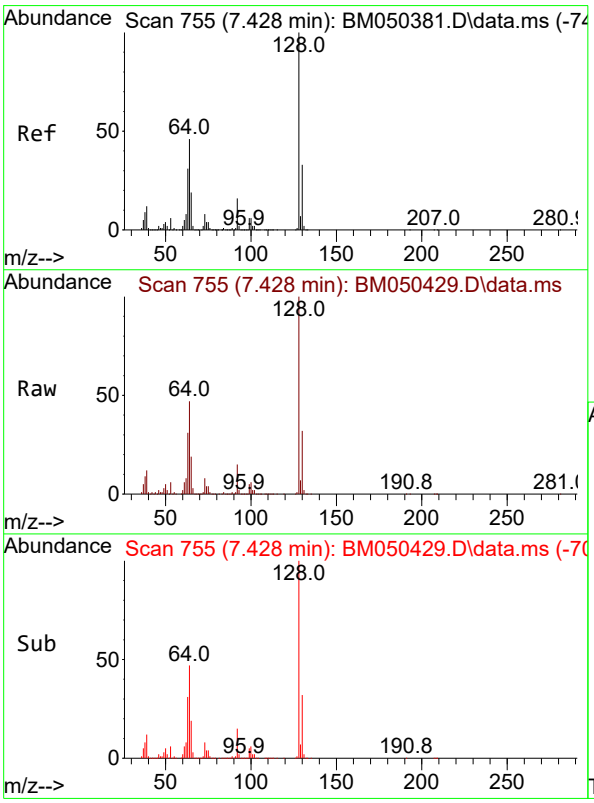
#7
Phenol-d6
Concen: 82.395 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2577722

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.6
71	32.6	25.9	38.9

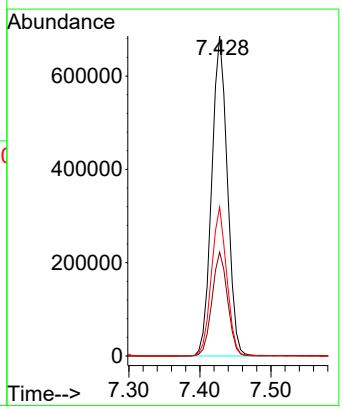


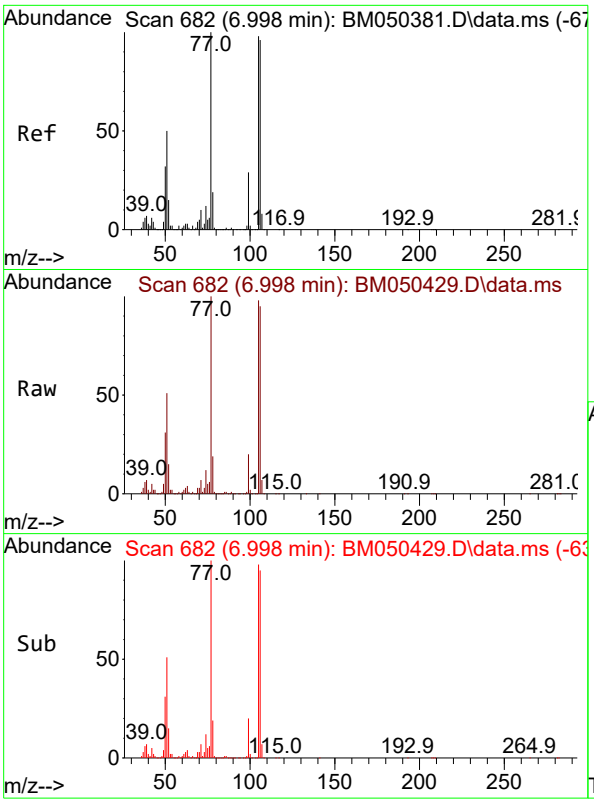


#8
2-Chlorophenol
Concen: 40.070 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:128 Resp: 1048575

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	46.6	25.6	65.6



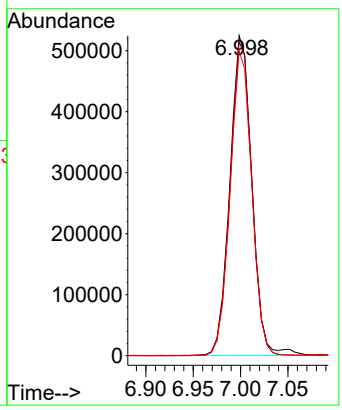


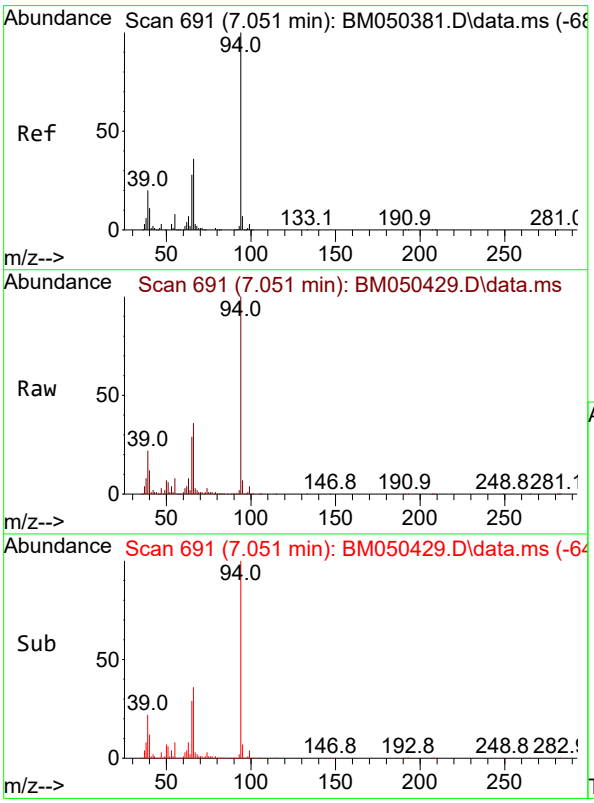
#9
Benzaldehyde
Concen: 44.877 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 835180

Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.4	118.4
106	95.2	76.3	116.3

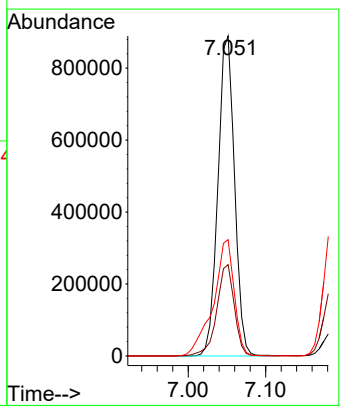


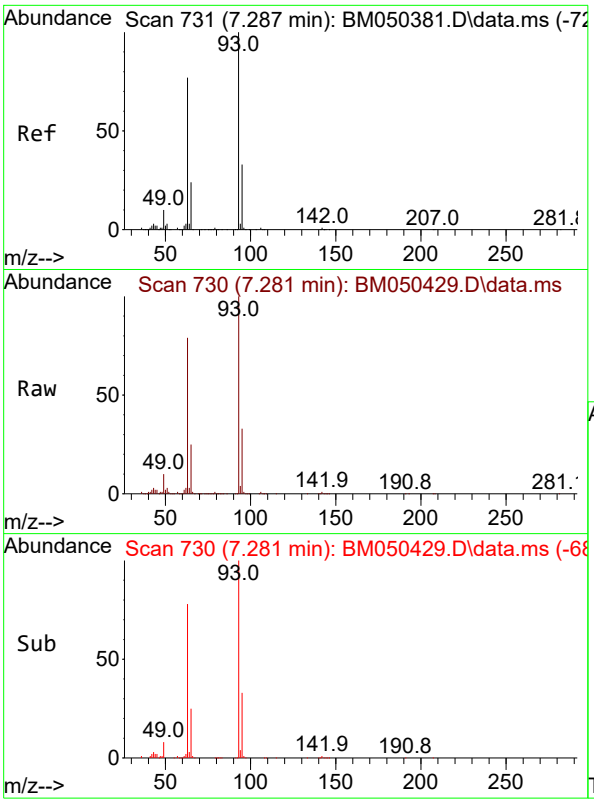


#10
Phenol
Concen: 40.591 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 94 Resp: 1324515

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.1	48.1
66	36.3	15.8	55.8



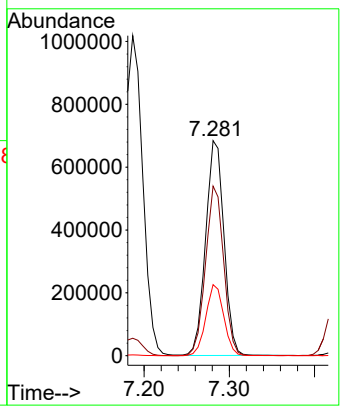


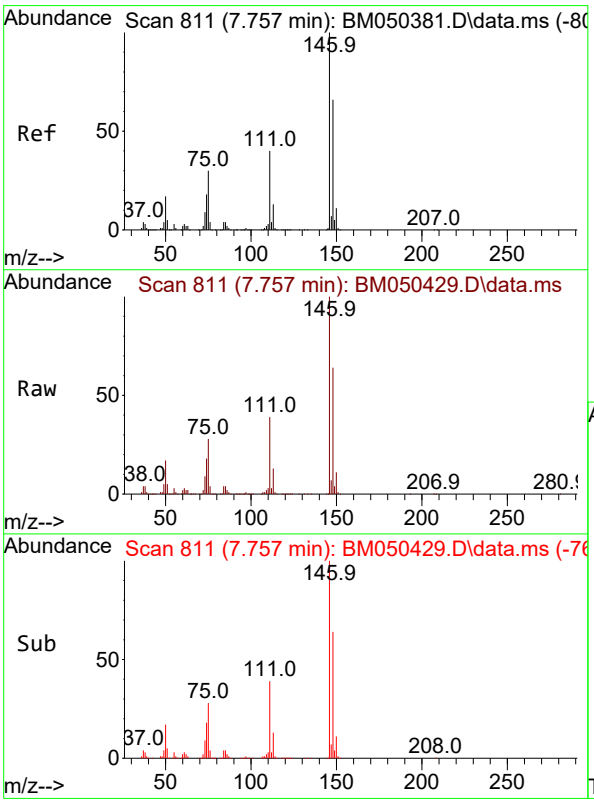
#11
bis(2-Chloroethyl)ether
Concen: 39.256 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1025844

Ion	Ratio	Lower	Upper
93	100		
63	78.9	56.9	96.9
95	33.1	12.6	52.6

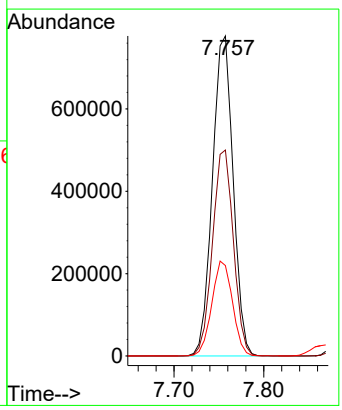


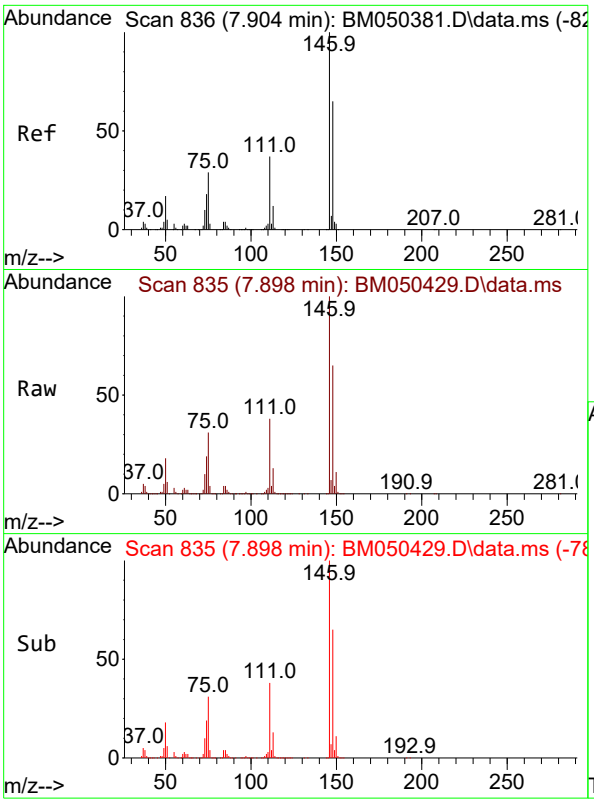


#12
1,3-Dichlorobenzene
Concen: 39.084 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:146 Resp: 1243648

Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.2	79.8
75	28.2	23.9	35.9



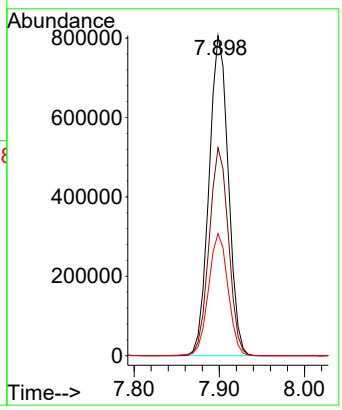


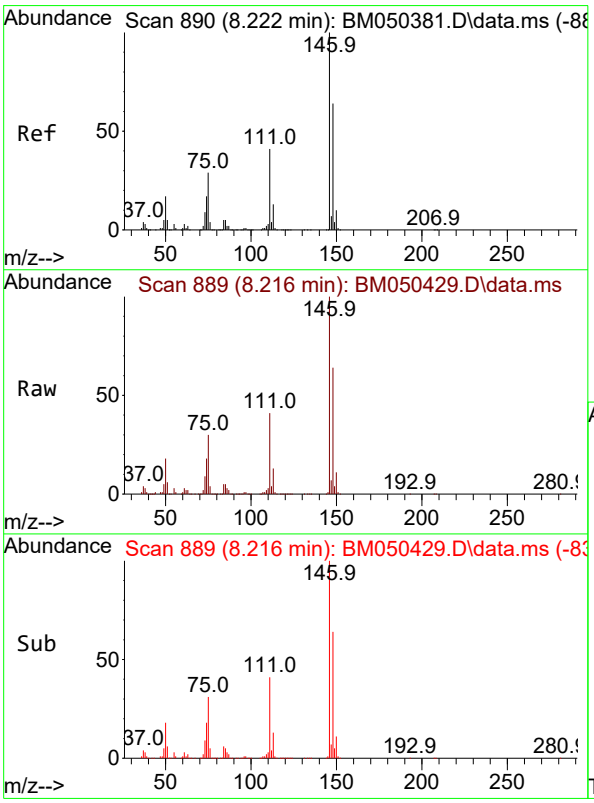
#13
1,4-Dichlorobenzene
Concen: 39.004 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1267305

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	38.1	30.0	45.0

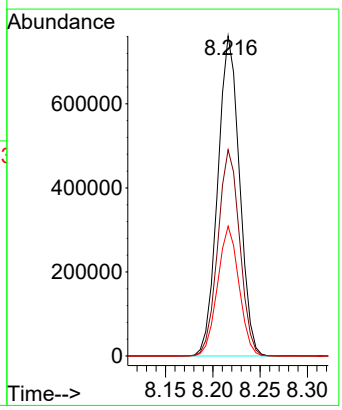


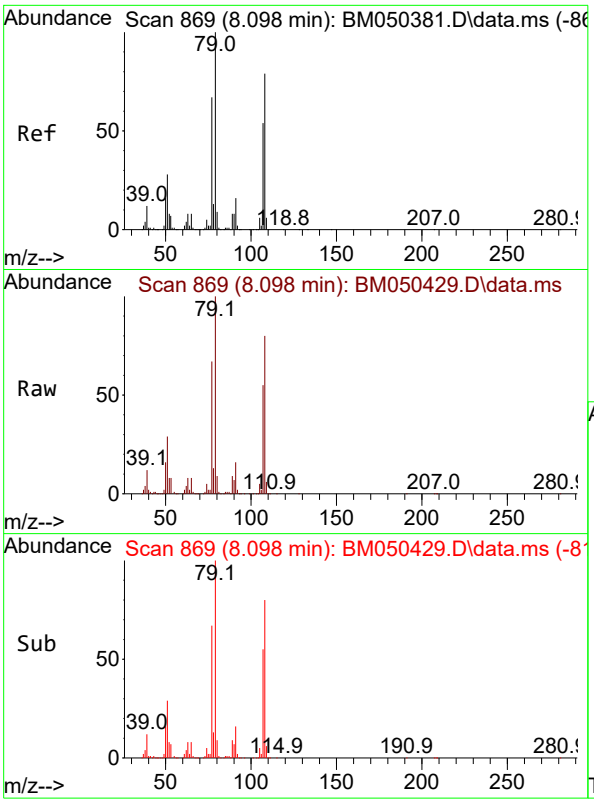


#14
1,2-Dichlorobenzene
Concen: 39.116 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:146 Resp: 1216761

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.5	32.6	49.0



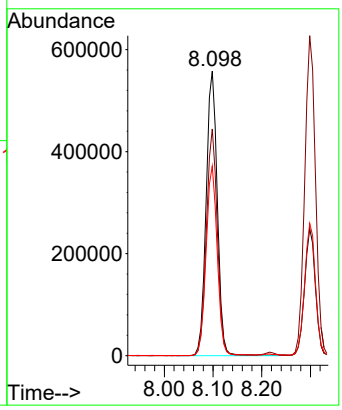


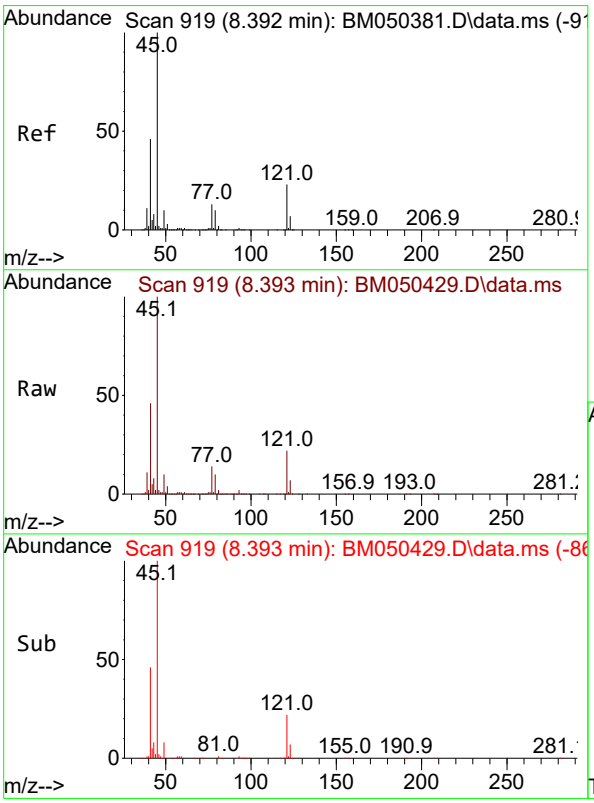
#15
Benzyl Alcohol
Concen: 40.162 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 885308

Ion	Ratio	Lower	Upper
79	100		
108	79.6	63.0	94.4
77	66.6	53.4	80.0

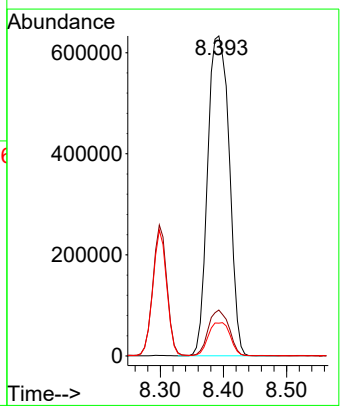


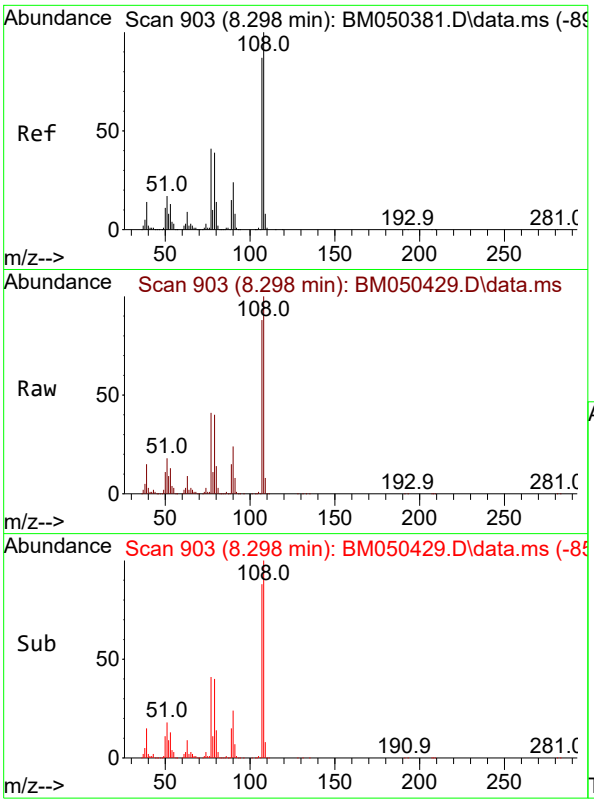


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.024 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 45 Resp: 1502122

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.5
79	10.3	0.0	30.3



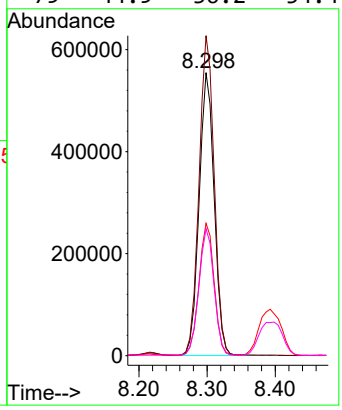


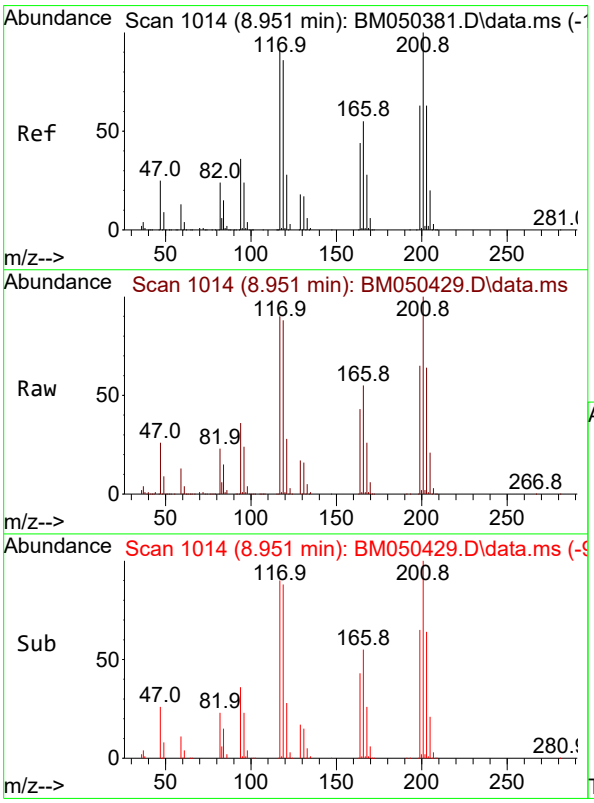
#17
2-Methylphenol
Concen: 40.241 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 851638

Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.1	138.1
77	46.7	38.2	57.4
79	44.9	36.2	54.4

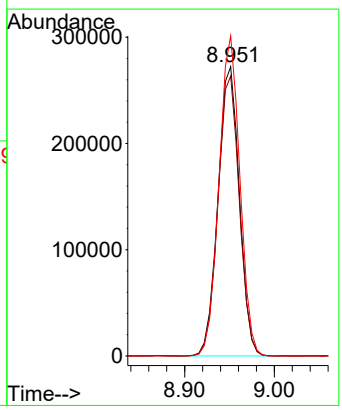


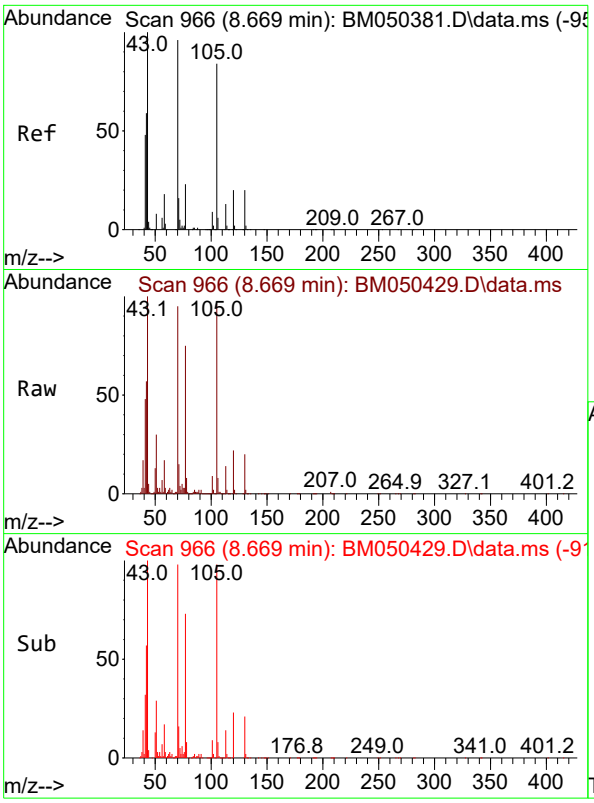


#18
Hexachloroethane
Concen: 39.443 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:117 Resp: 450718

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.6	113.4
201	110.6	87.9	131.9



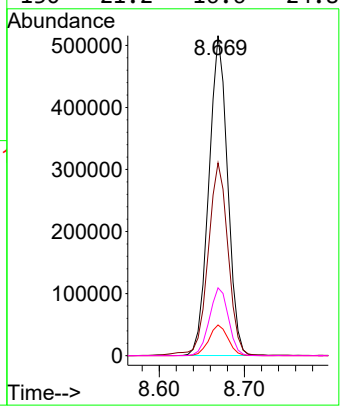


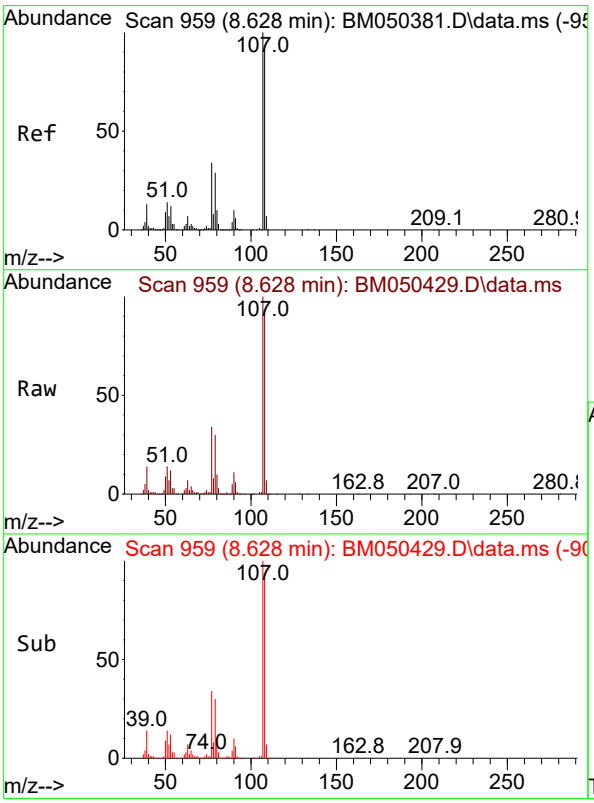
#19
n-Nitroso-di-n-propylamine
Concen: 41.504 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 786604

Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.7	74.5
101	9.6	7.7	11.5
130	21.2	16.6	24.8

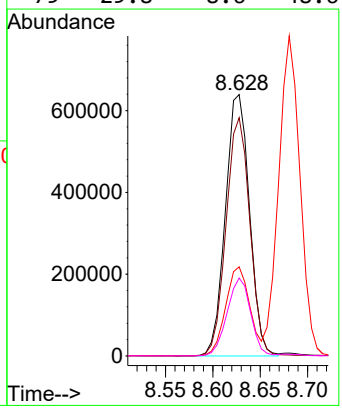


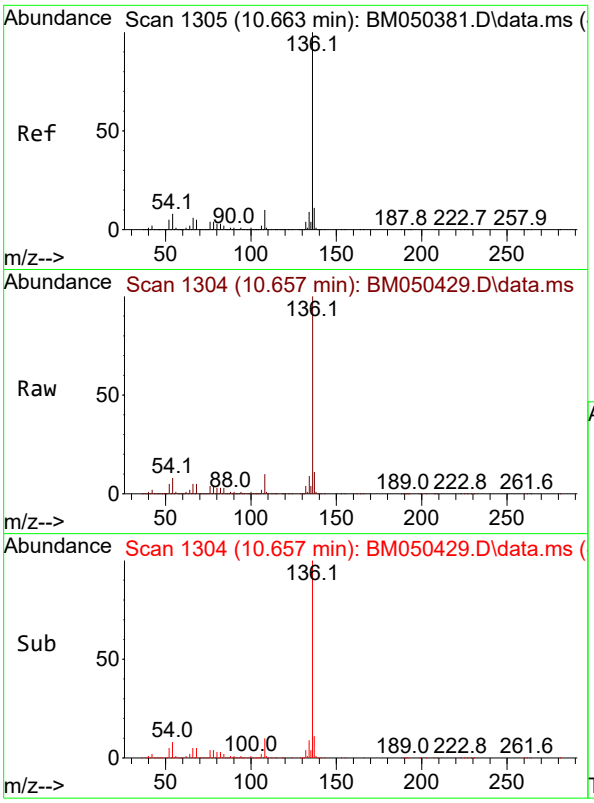


#20
3+4-Methylphenols
Concen: 39.839 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:107 Resp: 1131842

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.5	111.5
77	34.1	13.7	53.7
79	29.8	8.6	48.6



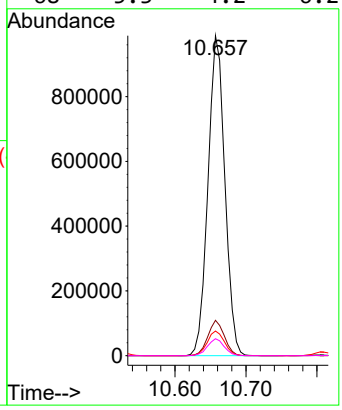


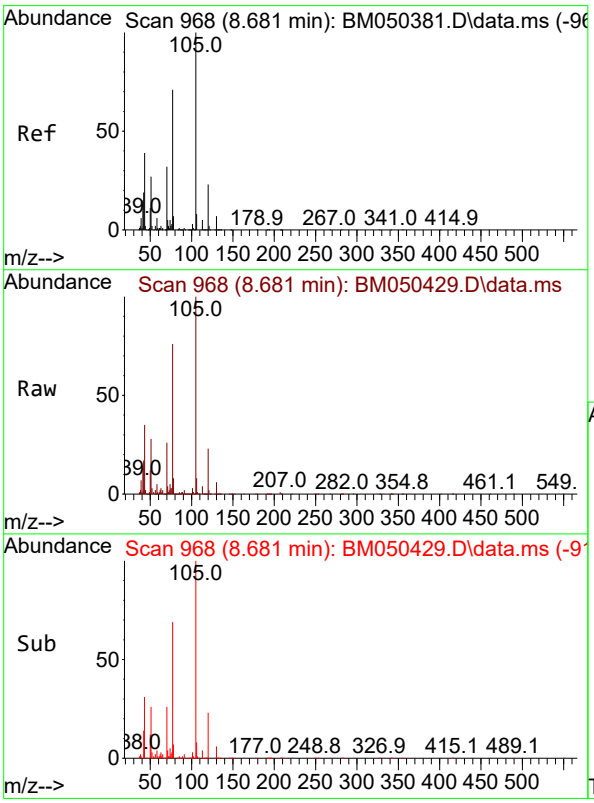
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1630124

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2

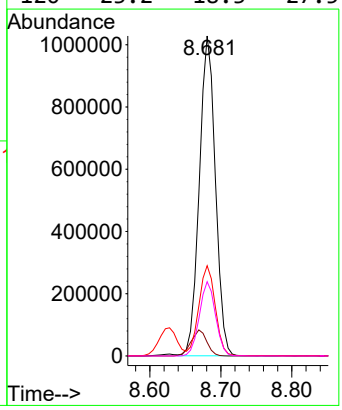


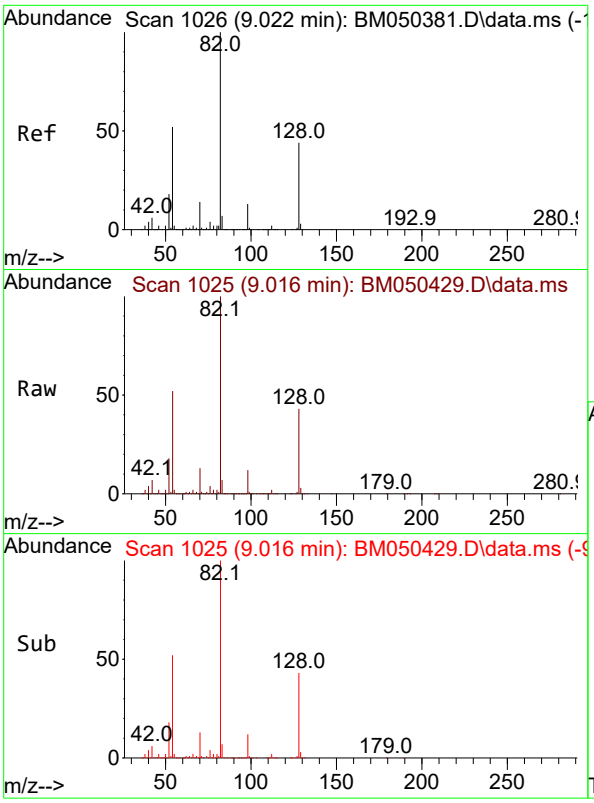


#22
Acetophenone
Concen: 39.815 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:105 Resp: 1622764

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.4	6.6#
51	28.2	23.0	34.6
120	23.2	18.3	27.5



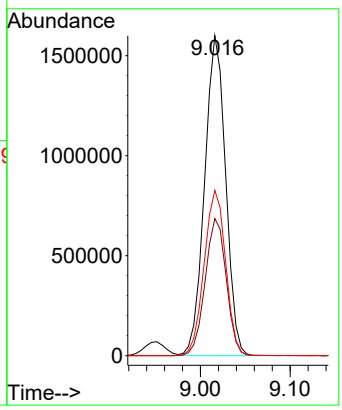


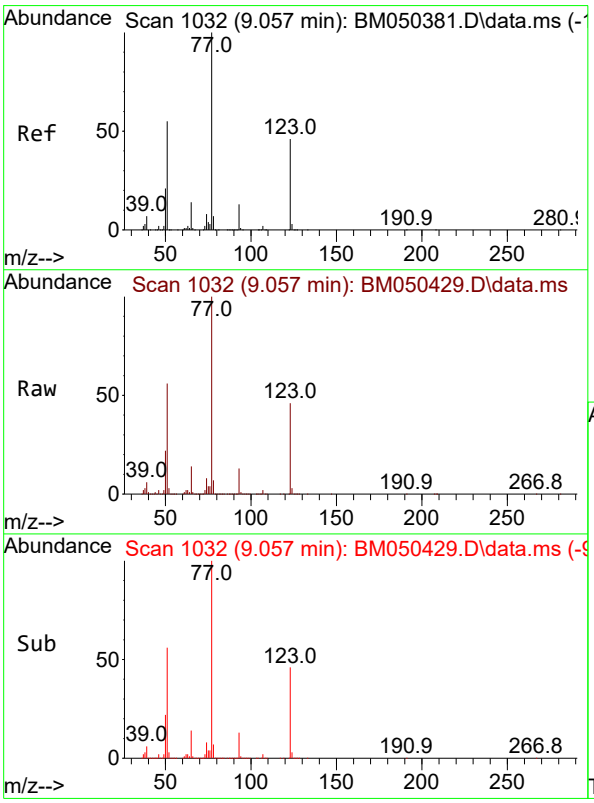
#23
Nitrobenzene-d5
Concen: 81.413 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2601285

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.6	41.5	62.3

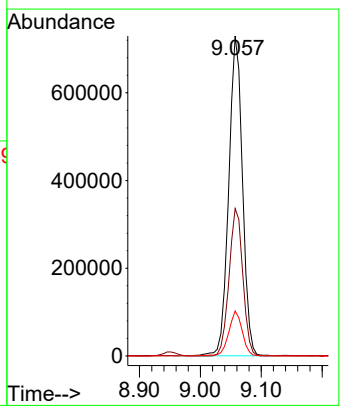


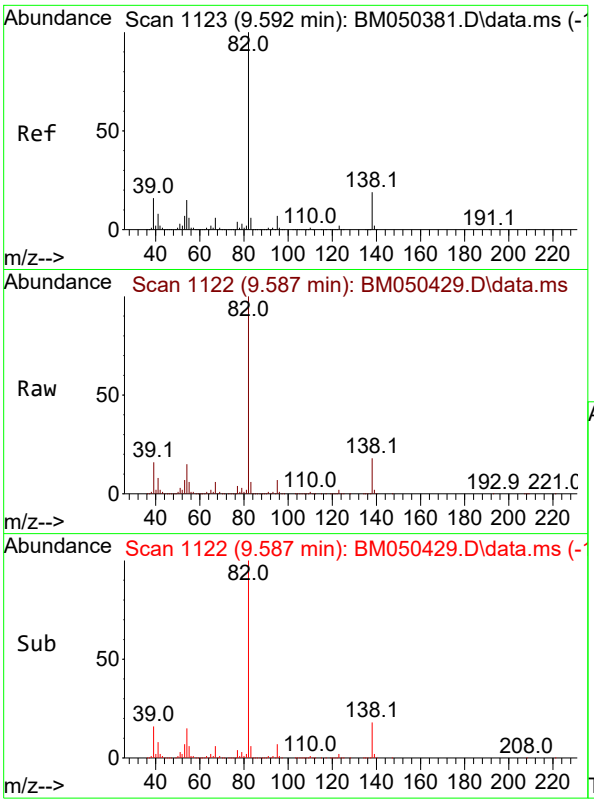


#24
Nitrobenzene
Concen: 40.131 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 77 Resp: 1144240

Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.0	55.6
65	14.1	11.0	16.4



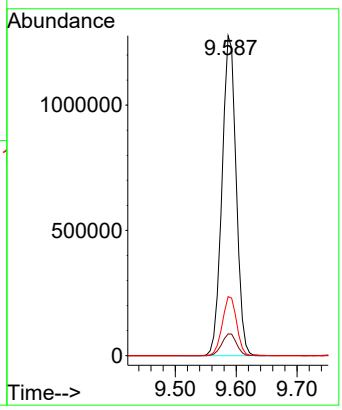


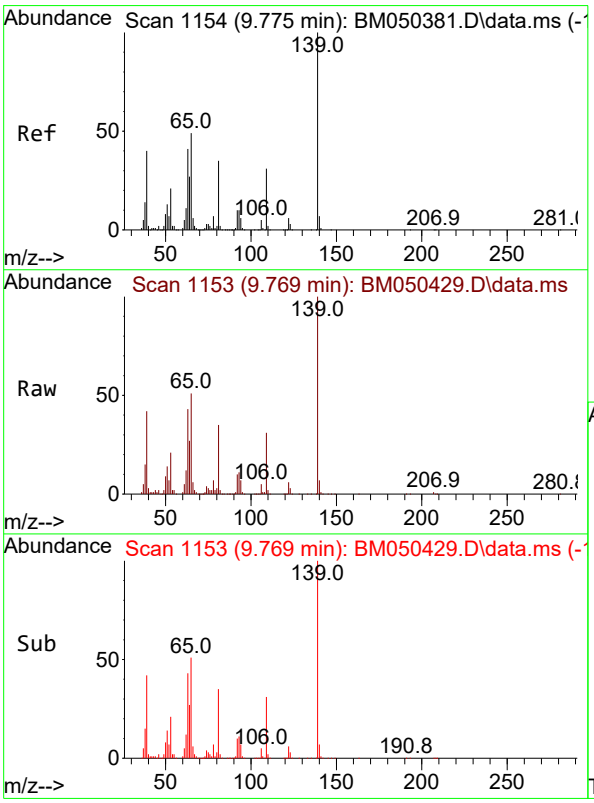
#25
Isophorone
Concen: 39.716 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2059150

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	18.4	15.3	22.9

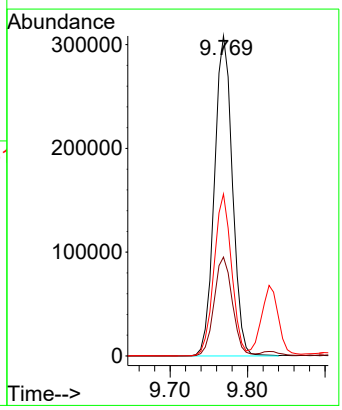


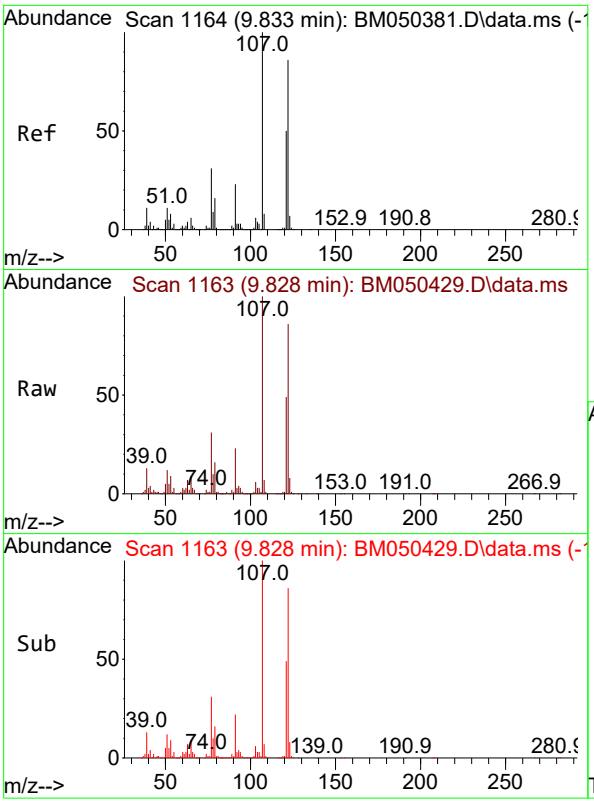


#26
2-Nitrophenol
Concen: 42.742 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:139 Resp: 496689

Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.6	36.8
65	50.6	39.2	58.8



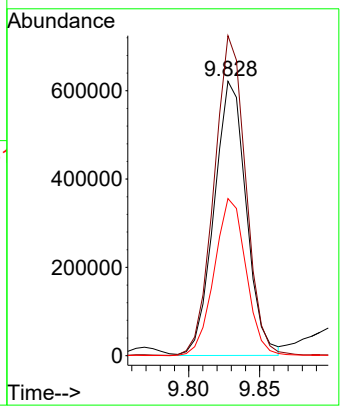


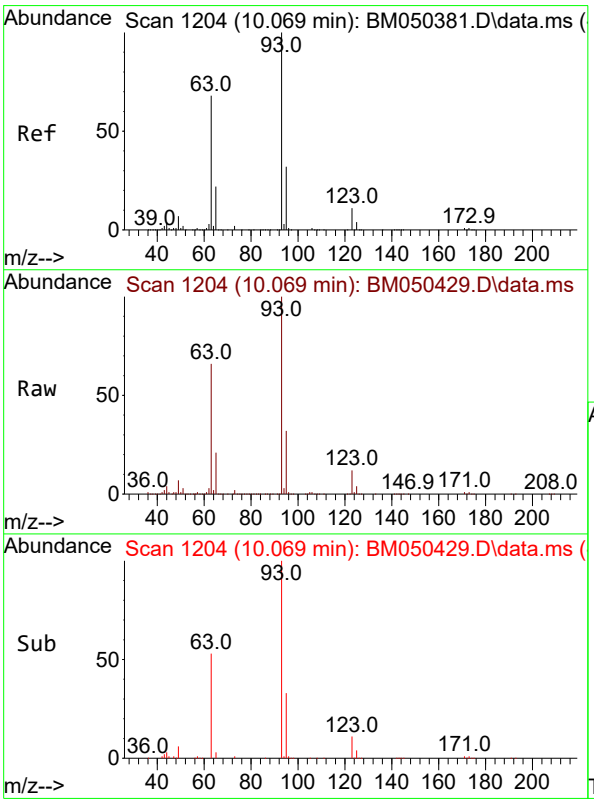
#27
2,4-Dimethylphenol
Concen: 39.483 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 976301

Ion	Ratio	Lower	Upper
122	100		
107	116.6	93.0	139.6
121	57.3	46.1	69.1

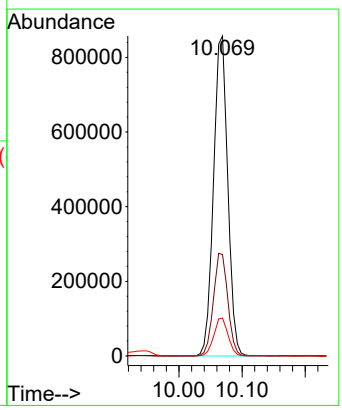


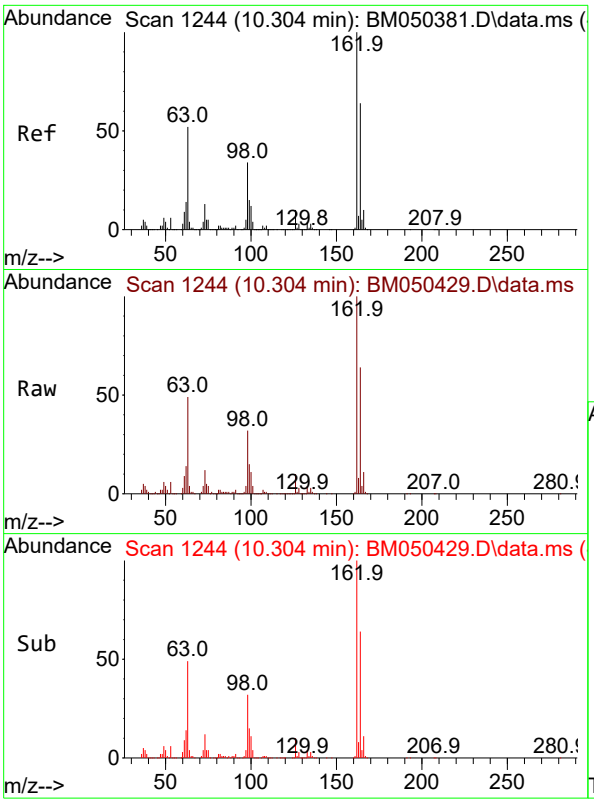


#28
bis(2-Chloroethoxy)methane
Concen: 38.943 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 93 Resp: 1337922

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	11.9	9.1	13.7



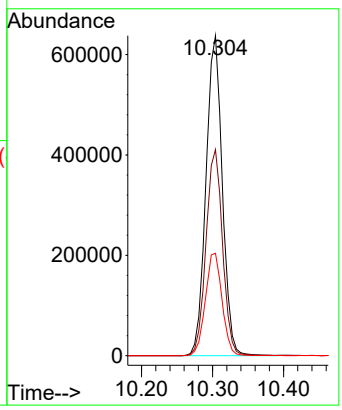


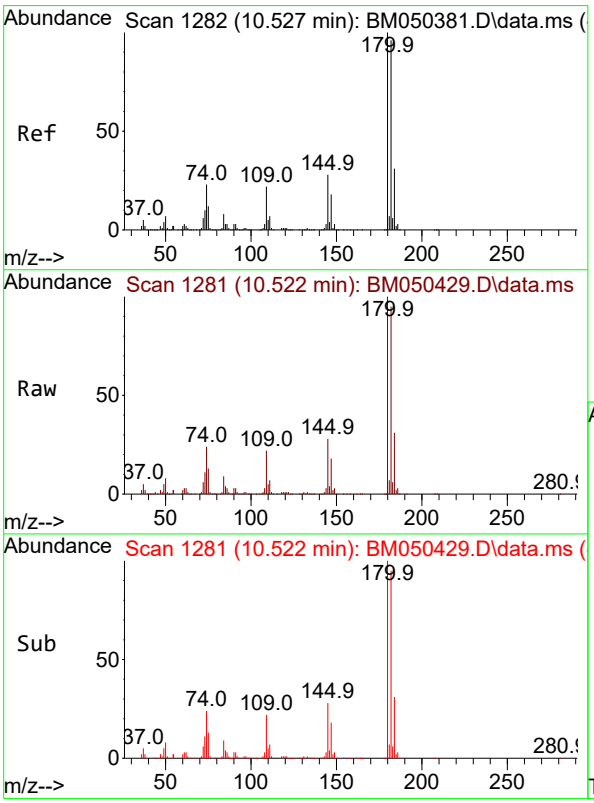
#29
2,4-Dichlorophenol
Concen: 40.196 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1021142

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	32.0	13.7	53.7

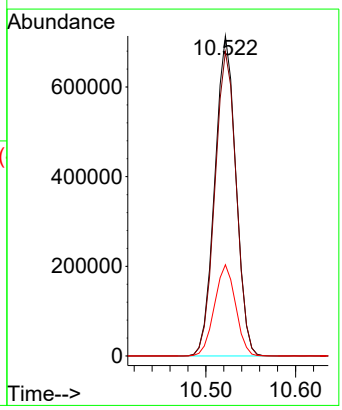


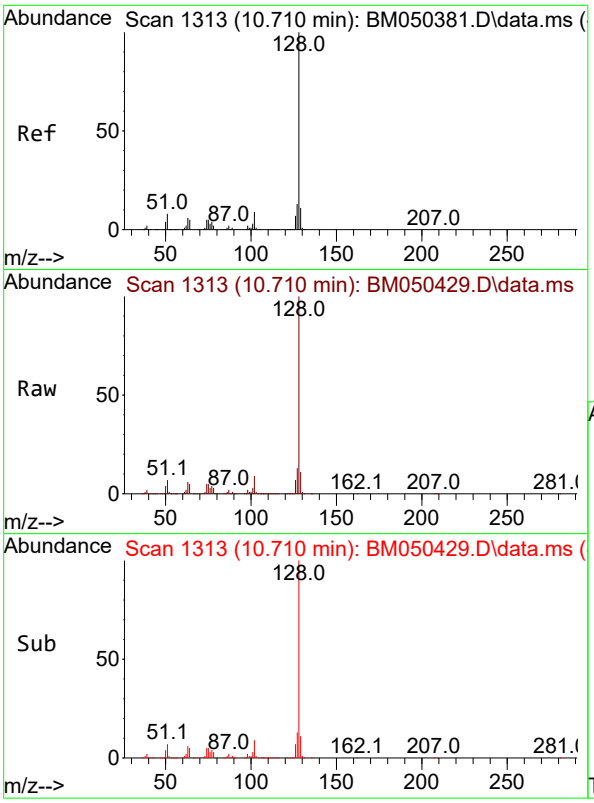


#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:180 Resp: 1165230

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	28.5	22.6	33.8



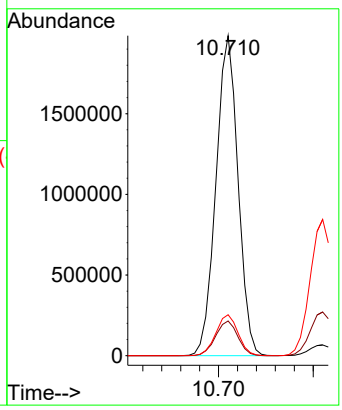


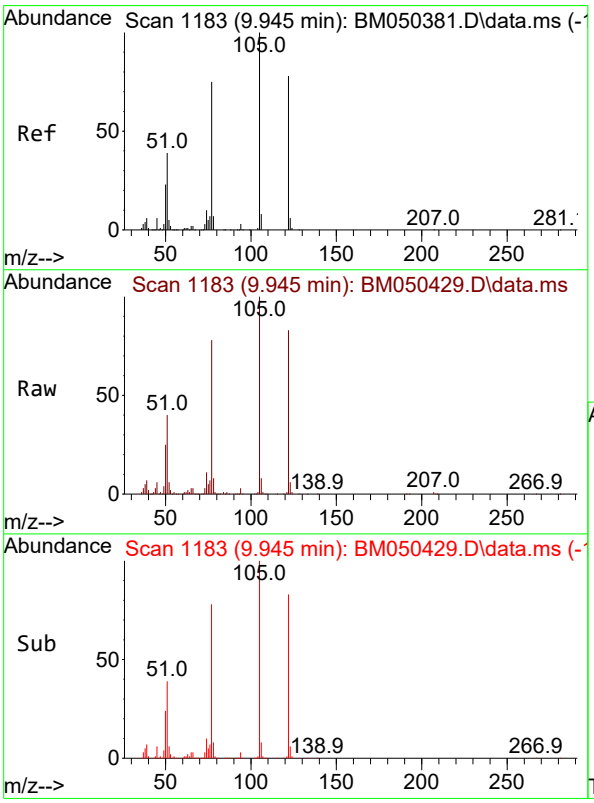
#31
Naphthalene
Concen: 38.781 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3211004

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.4	15.6

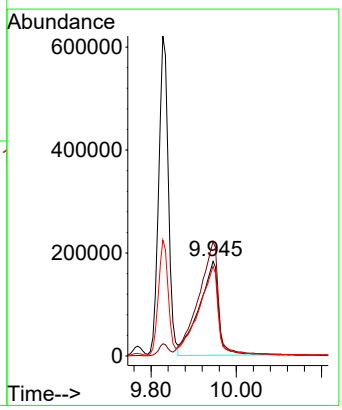


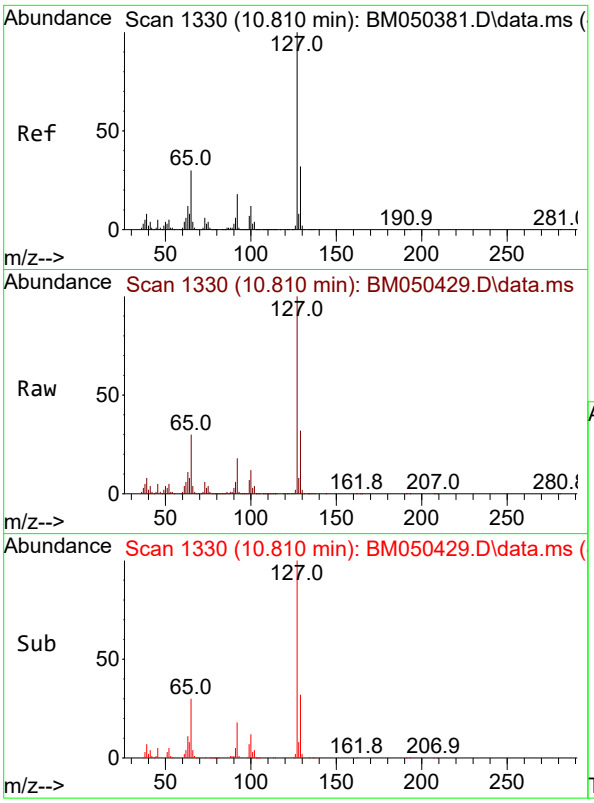


#32
Benzoic acid
Concen: 39.787 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:122 Resp: 586168

Ion	Ratio	Lower	Upper
122	100		
105	120.7	104.0	144.0
77	94.7	73.8	113.8



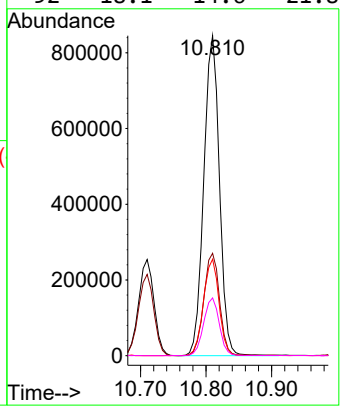


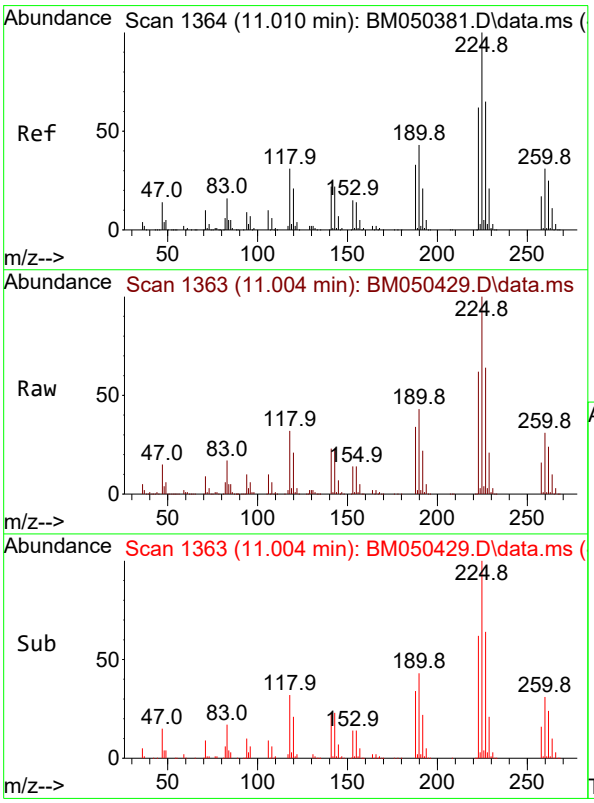
#33
4-Chloroaniline
Concen: 40.145 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1405215

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	30.1	23.9	35.9
92	18.1	14.6	21.8

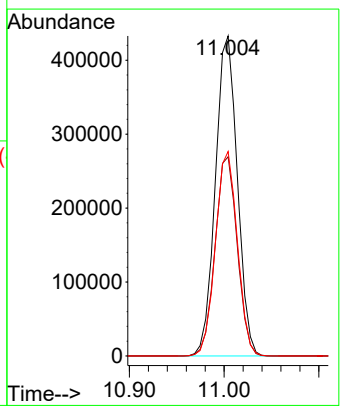


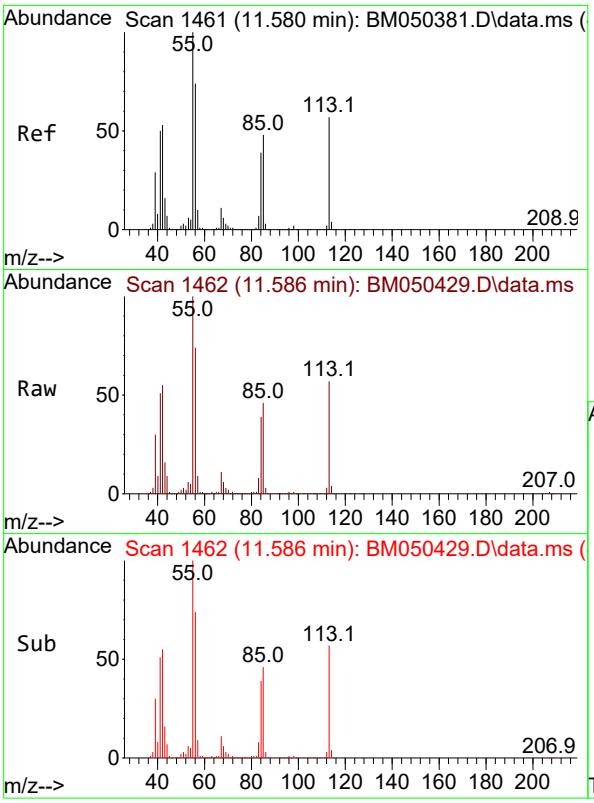


#34
Hexachlorobutadiene
Concen: 37.580 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:225 Resp: 697048

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.9	52.1	78.1



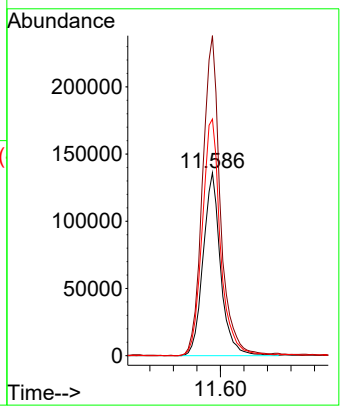


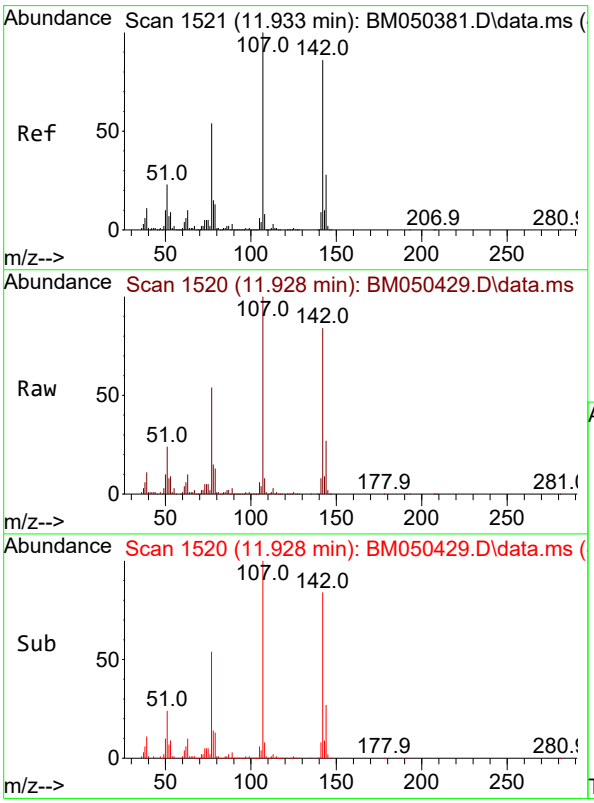
#35
Caprolactam
Concen: 40.432 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 280390

Ion	Ratio	Lower	Upper
113	100		
55	175.0	157.2	197.2
56	129.4	111.7	151.7

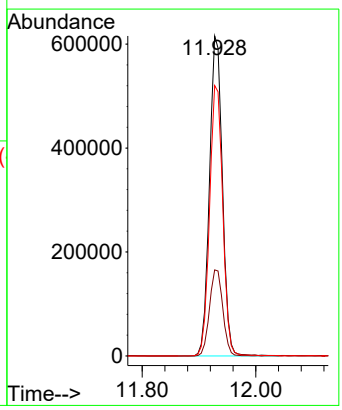


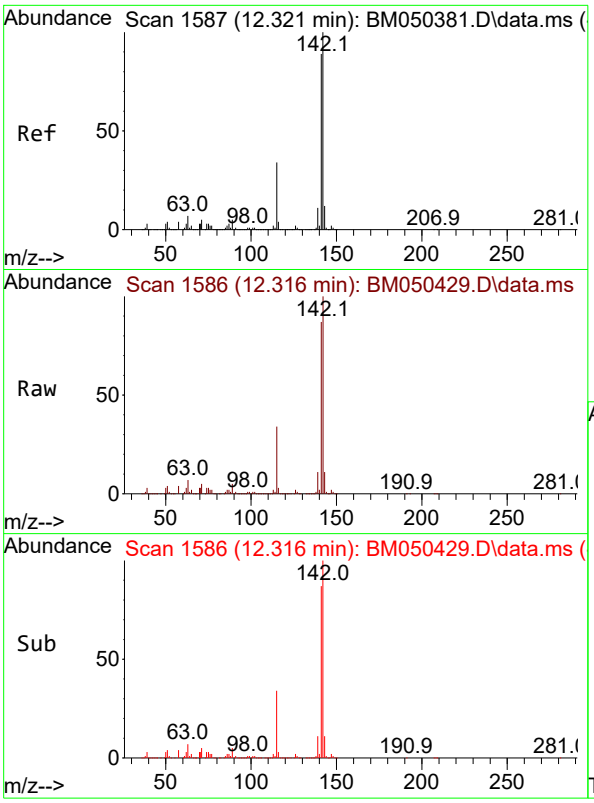


#36
4-Chloro-3-methylphenol
Concen: 40.774 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:107 Resp: 967256

Ion	Ratio	Lower	Upper
107	100		
144	26.9	22.2	33.4
142	84.5	68.7	103.1



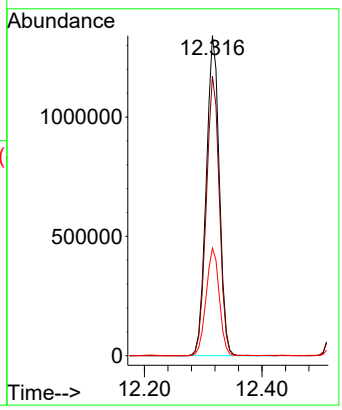


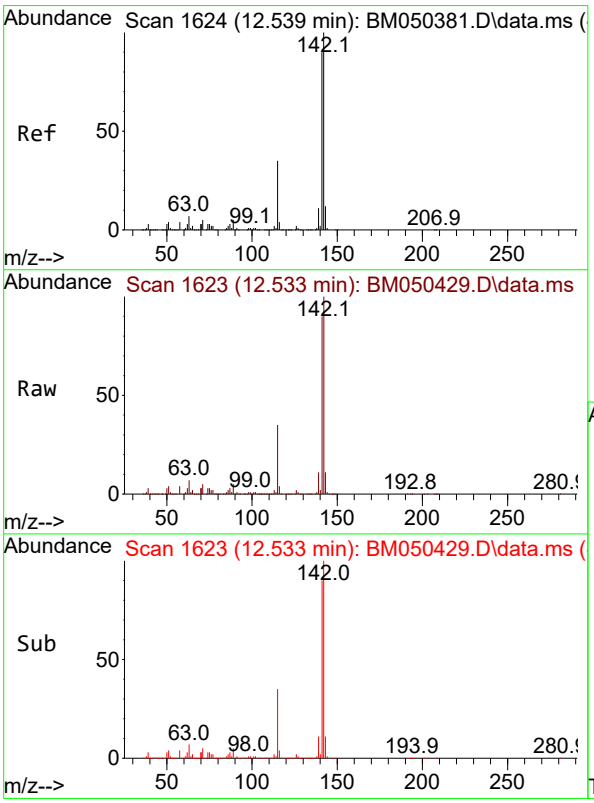
#37
2-Methylnaphthalene
Concen: 39.410 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2060342

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	33.6	27.0	40.4

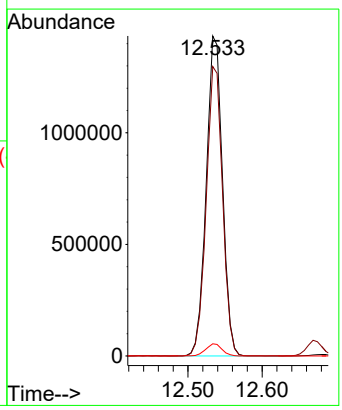


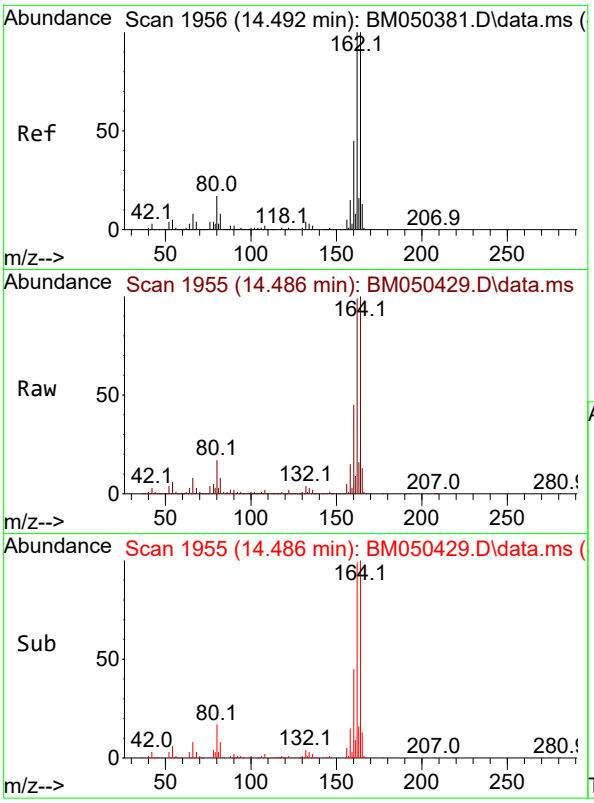


#38
1-Methylnaphthalene
Concen: 39.418 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:142 Resp: 2180920

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.8	3.0	4.6



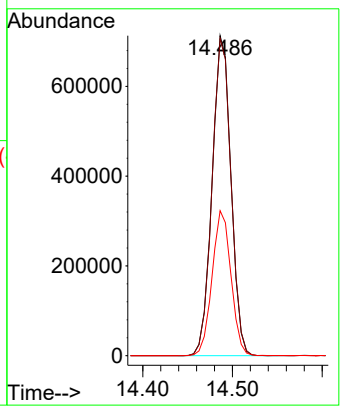


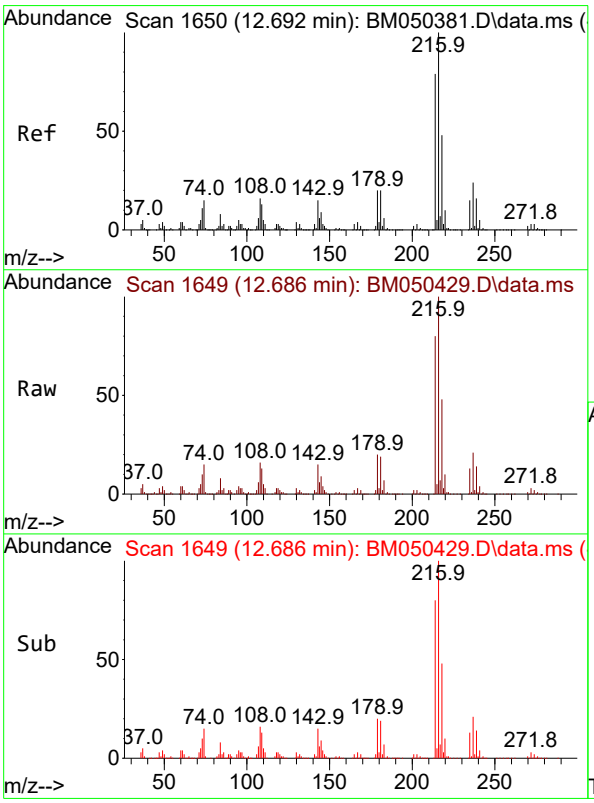
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1036891

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	45.3	36.2	54.4

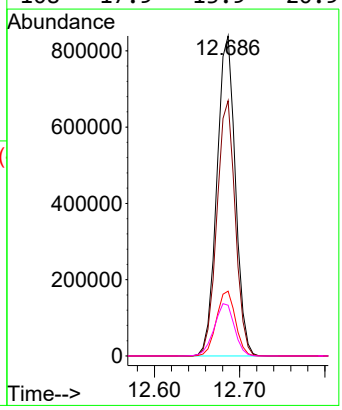


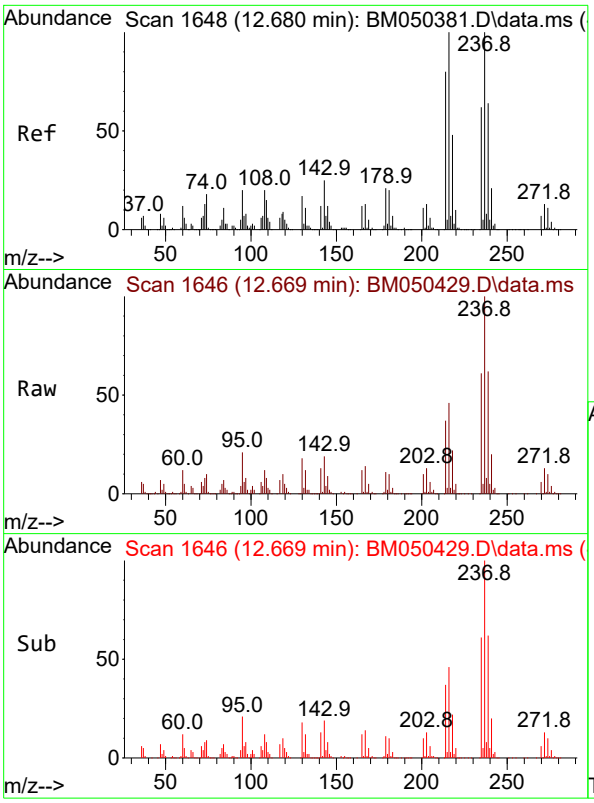


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.323 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:216 Resp: 1263676

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.3	94.9
179	20.9	16.4	24.6
108	17.9	13.9	20.9



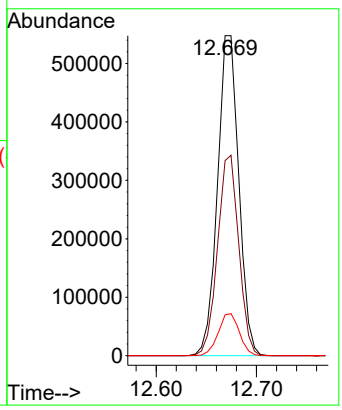


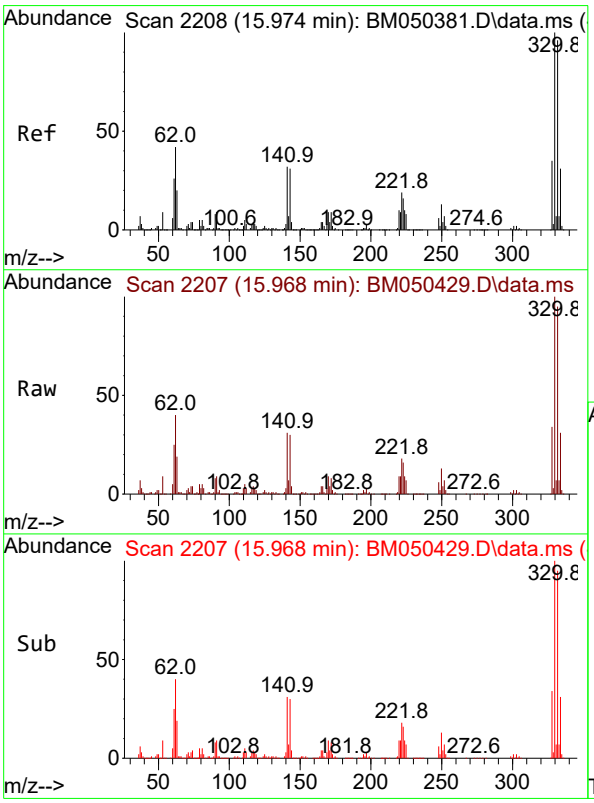
#41
Hexachlorocyclopentadiene
Concen: 38.245 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 806112

Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.3	82.3
272	12.8	0.0	33.0

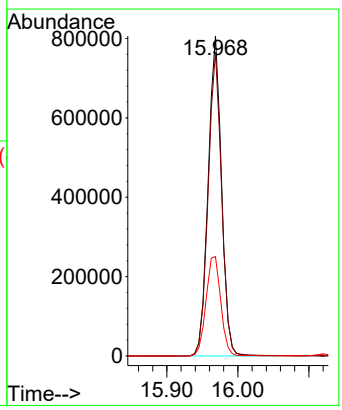


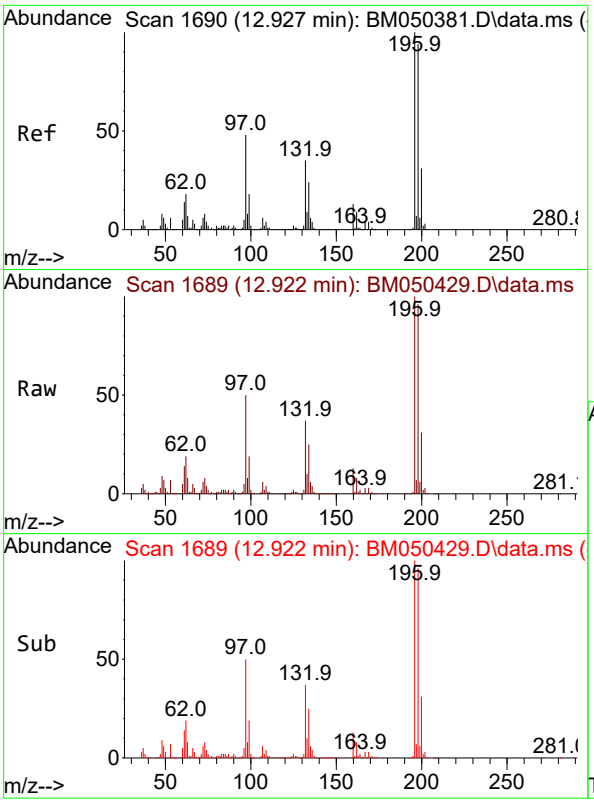


#42
2,4,6-Tribromophenol
Concen: 83.942 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:330 Resp: 1057523

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	34.3	27.4	41.0



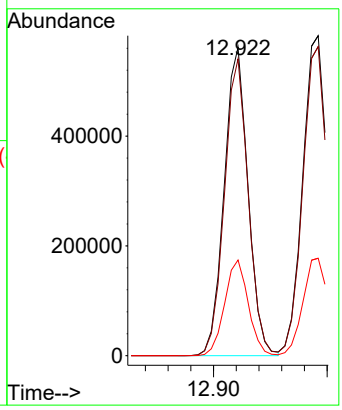


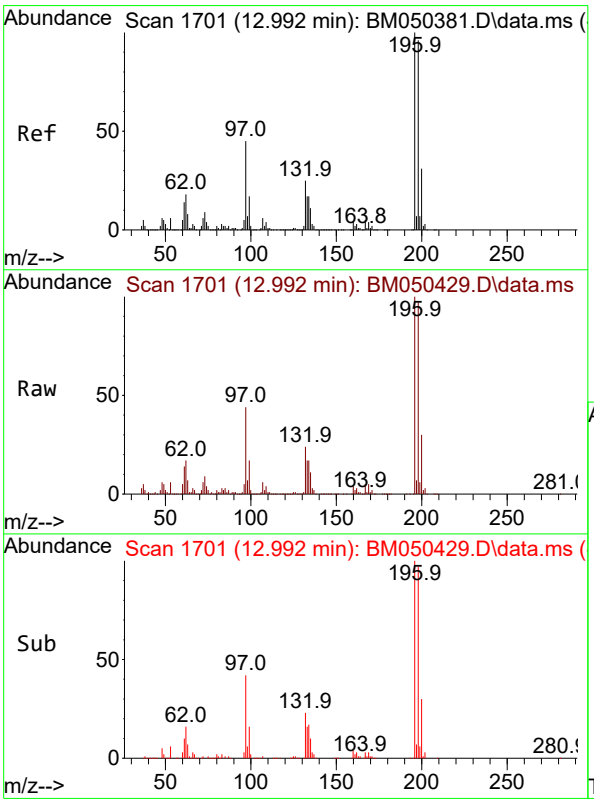
#43
2,4,6-Trichlorophenol
Concen: 40.394 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 819880

Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.1	112.7
200	31.0	24.6	37.0

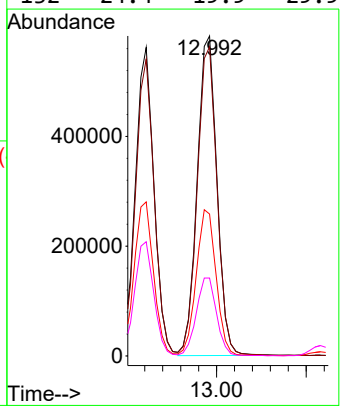


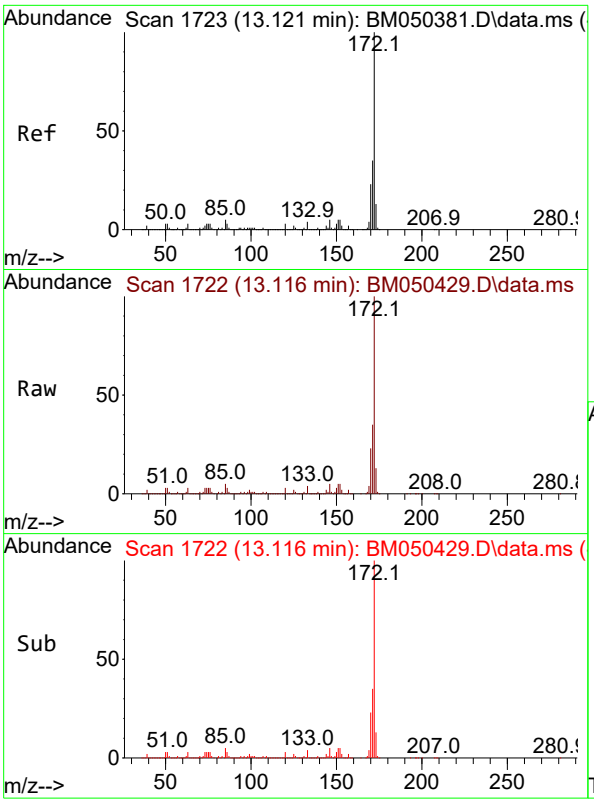


#44
2,4,5-Trichlorophenol
Concen: 40.188 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:196 Resp: 890828

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.2	115.8
97	44.4	36.2	54.4
132	24.4	19.9	29.9



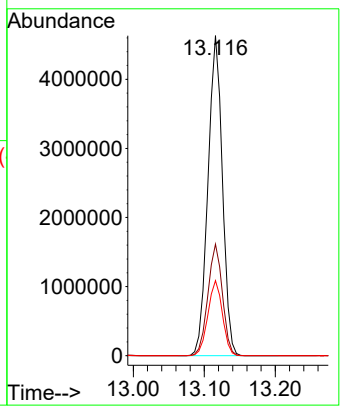


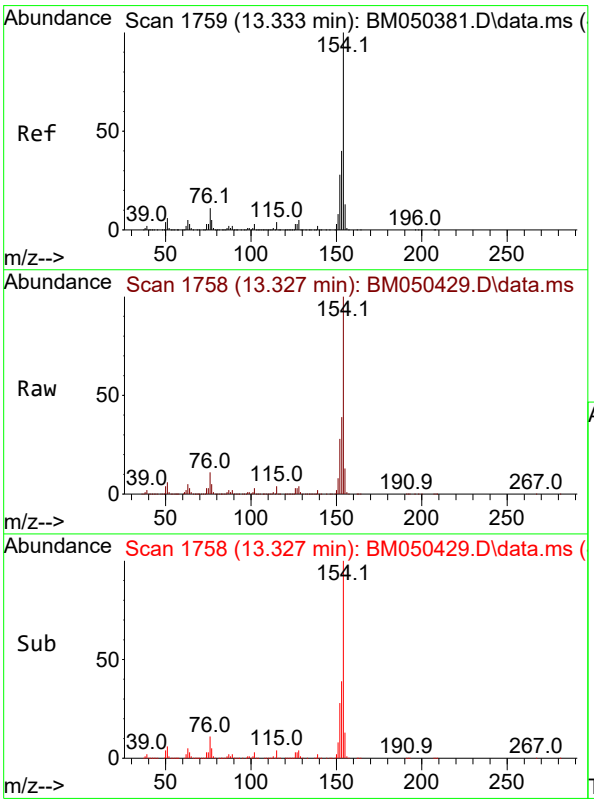
#45
2-Fluorobiphenyl
Concen: 77.961 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 6545863

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.4	18.8	28.2

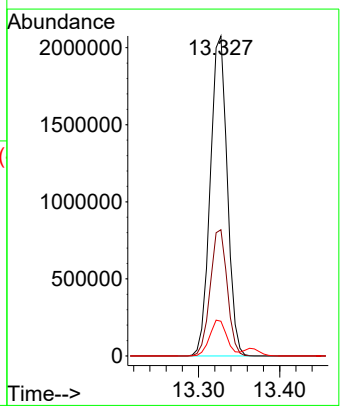


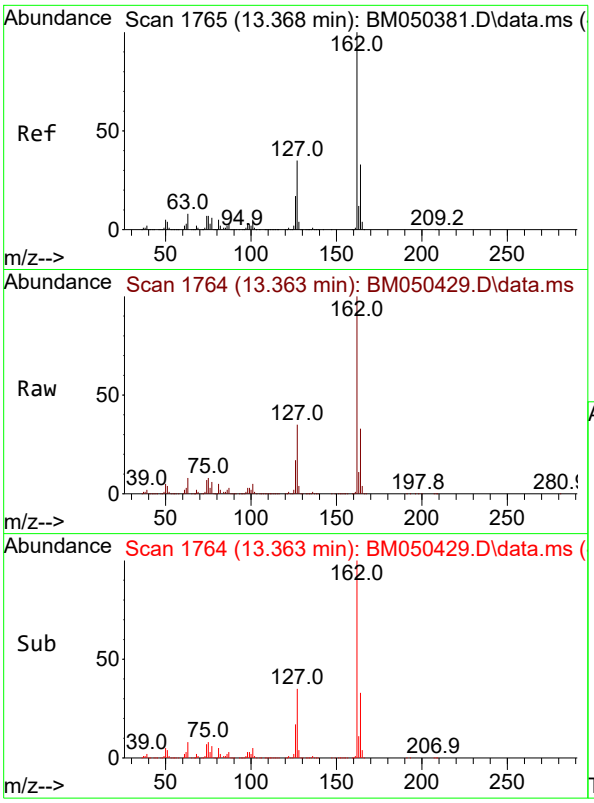


#46
1,1'-Biphenyl
Concen: 39.087 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:154 Resp: 3007012

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.9	0.0	30.9



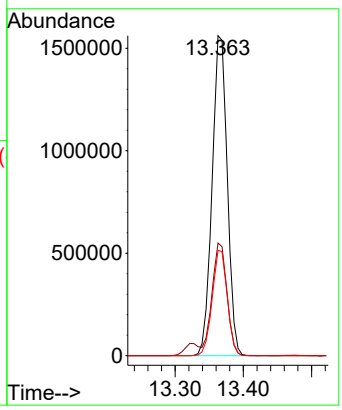


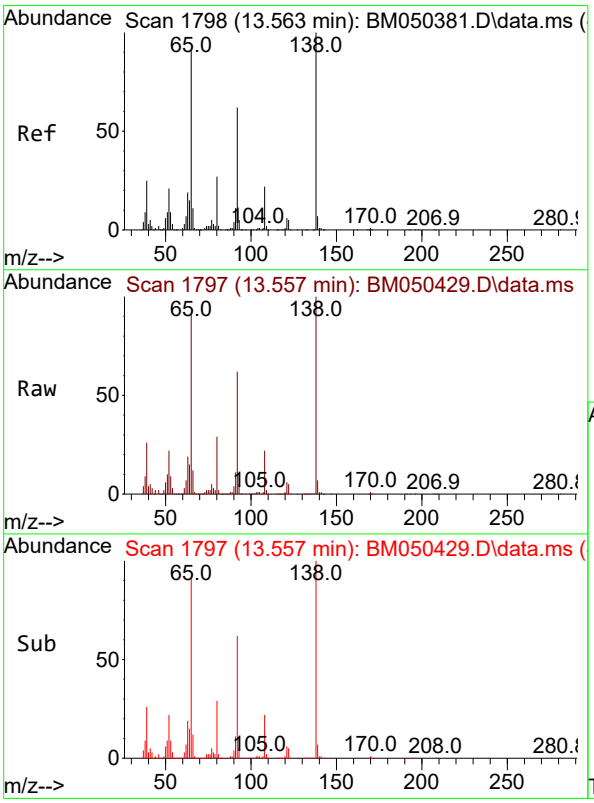
#47
2-Chloronaphthalene
Concen: 39.380 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2415494

Ion	Ratio	Lower	Upper
162	100		
127	35.2	28.3	42.5
164	33.0	26.6	40.0

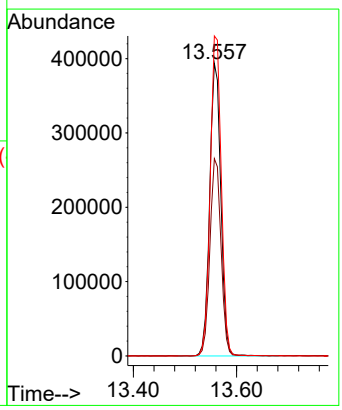


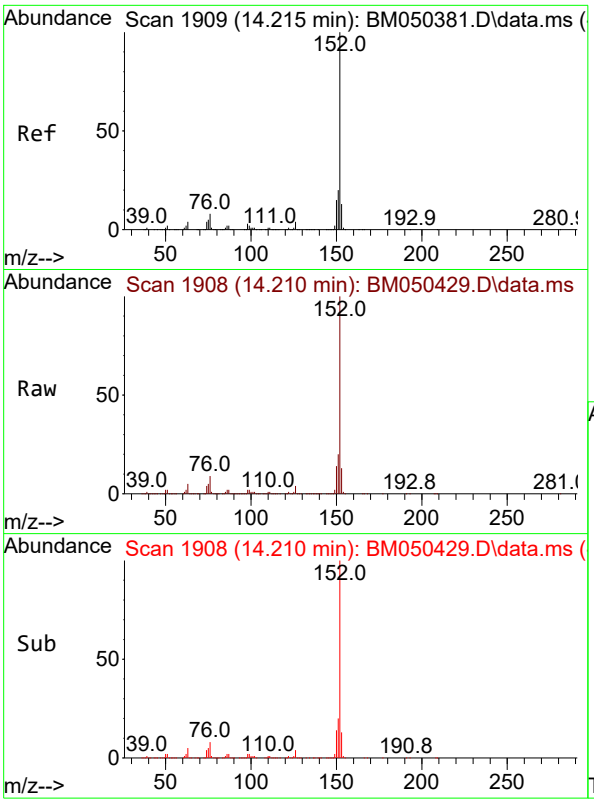


#48
2-Nitroaniline
Concen: 43.062 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 65 Resp: 589561

Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.3	81.5
138	109.4	87.8	131.6



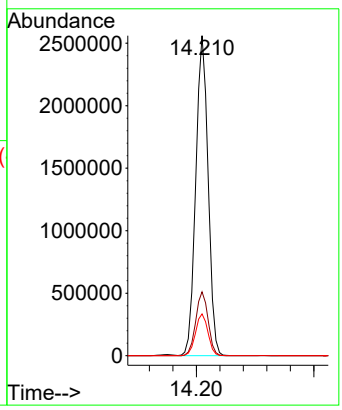


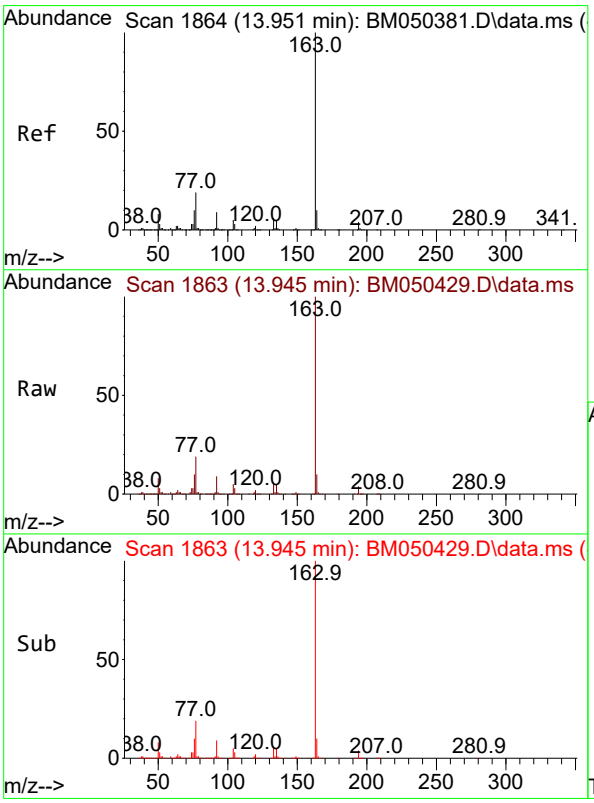
#49
Acenaphthylene
Concen: 40.151 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3721946

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.6	15.8

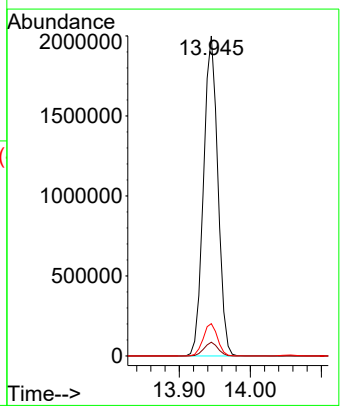


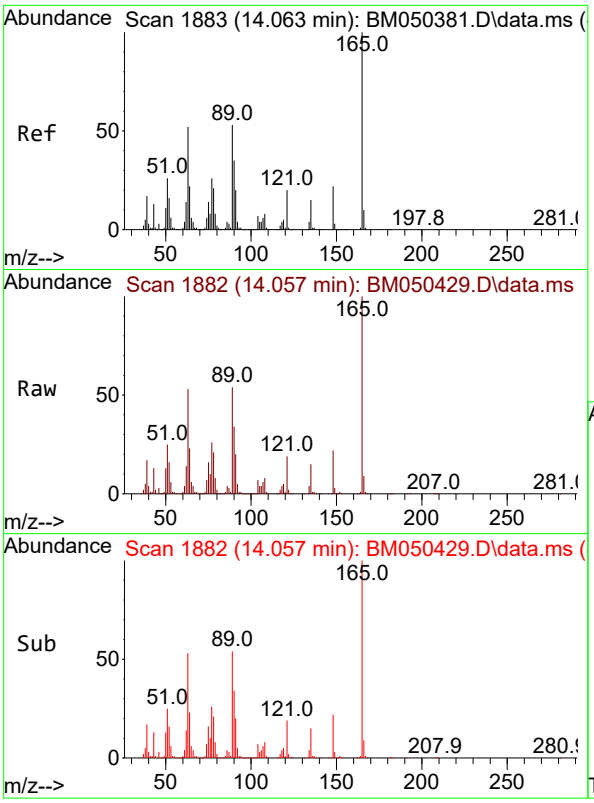


#50
Dimethylphthalate
Concen: 39.254 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:163 Resp: 2802244

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



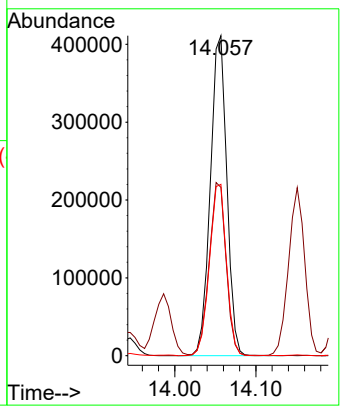


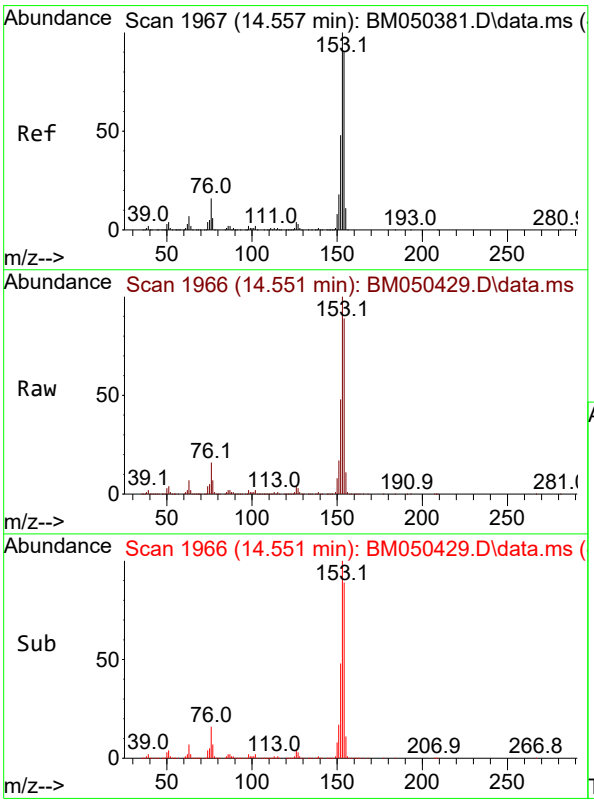
#51
2,6-Dinitrotoluene
Concen: 42.250 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 579111

Ion	Ratio	Lower	Upper
165	100		
63	52.6	42.4	63.6
89	53.5	42.2	63.2

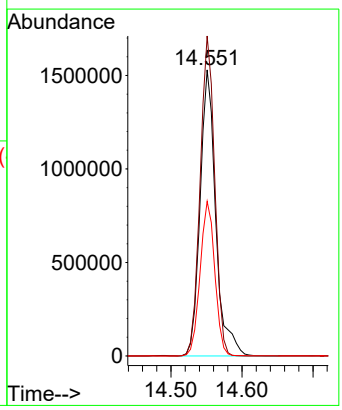


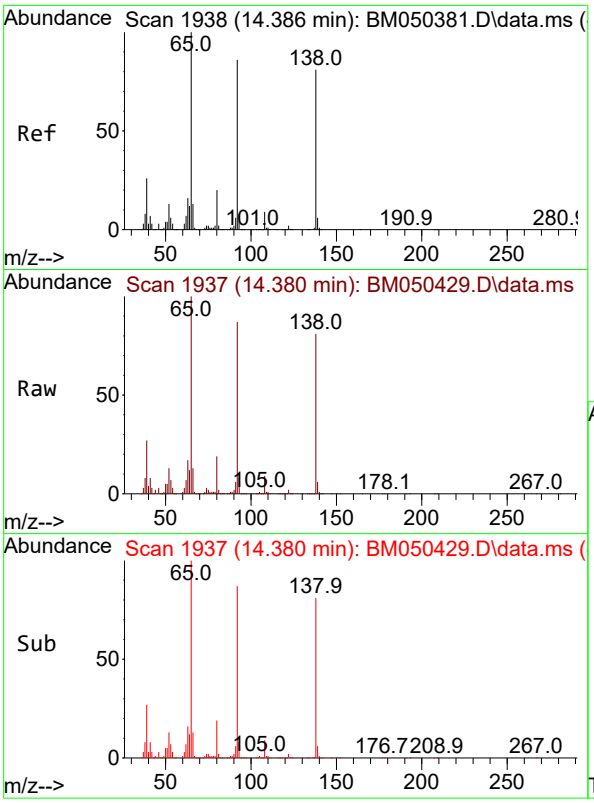


#52
Acenaphthene
Concen: 39.774 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:154 Resp: 2344038

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.2	133.8
152	54.0	42.6	64.0



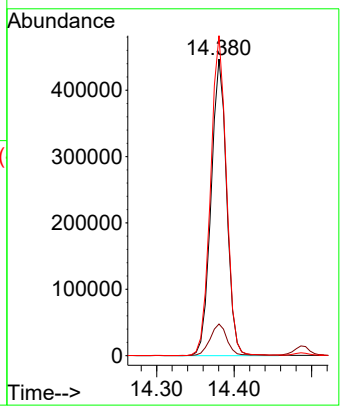


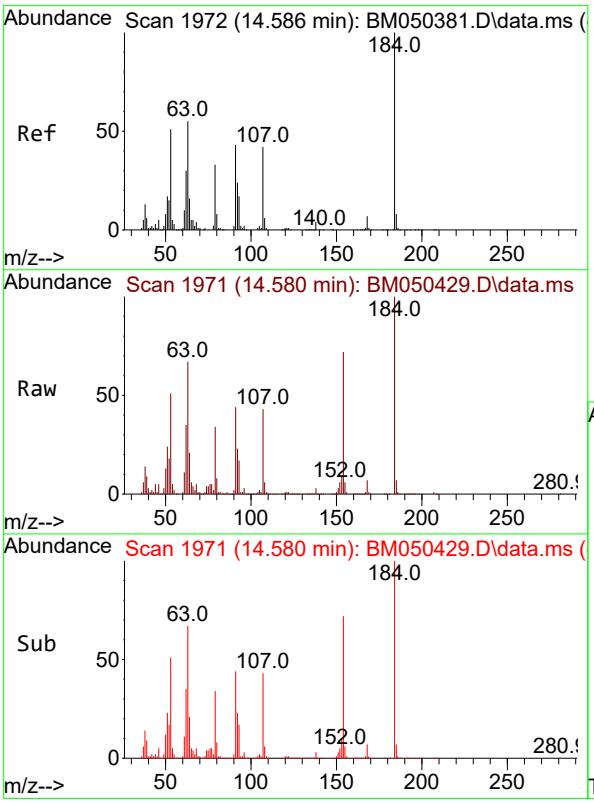
#53
3-Nitroaniline
Concen: 42.864 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 624821

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.8	13.2
92	107.8	85.0	127.6

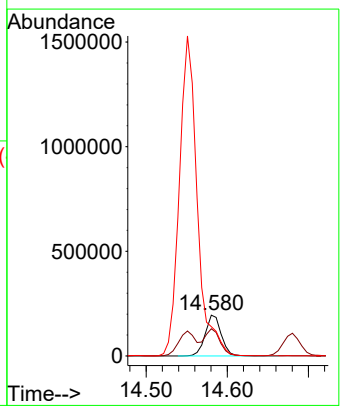


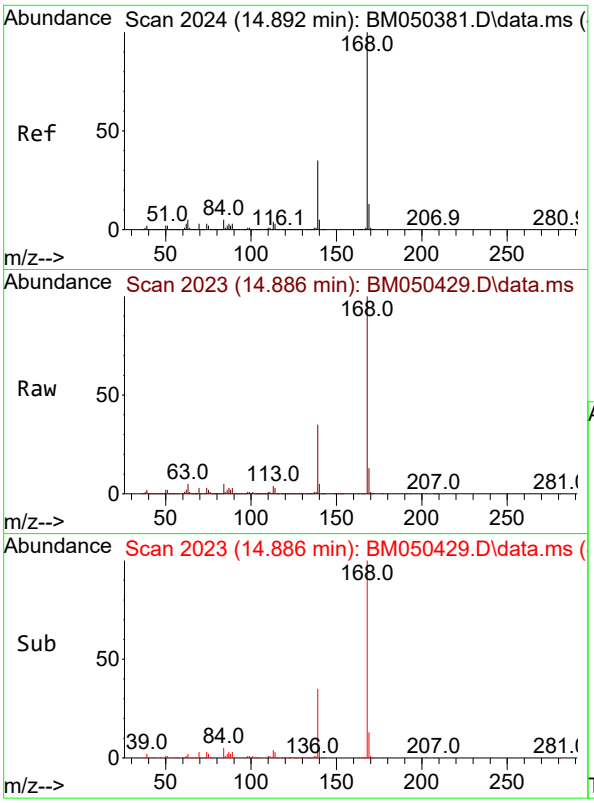


#54
2,4-Dinitrophenol
Concen: 38.955 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:184 Resp: 267609

Ion	Ratio	Lower	Upper
184	100		
63	66.8	53.4	80.0
154	71.6	61.6	92.4



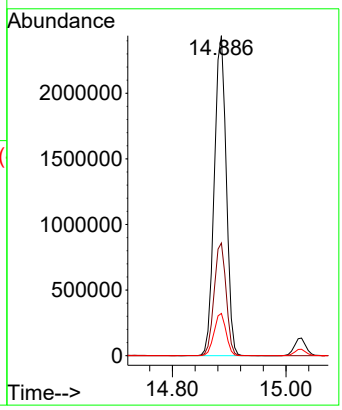


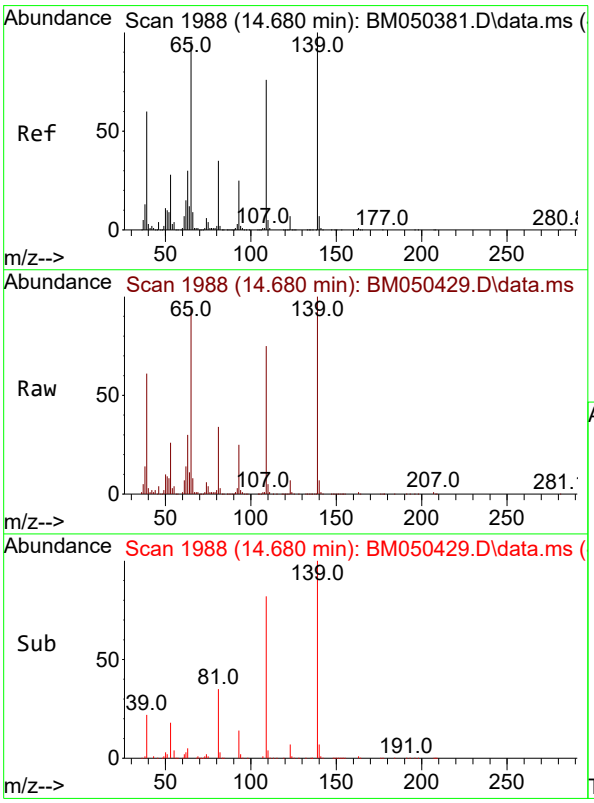
#55
Dibenzofuran
Concen: 39.114 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3551782

Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.7	41.5
169	13.2	10.7	16.1

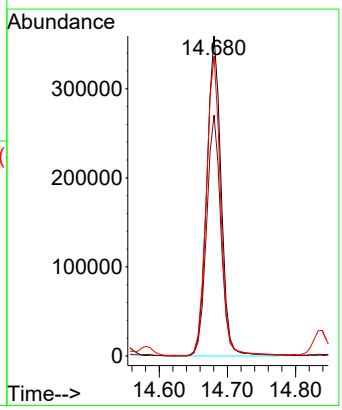


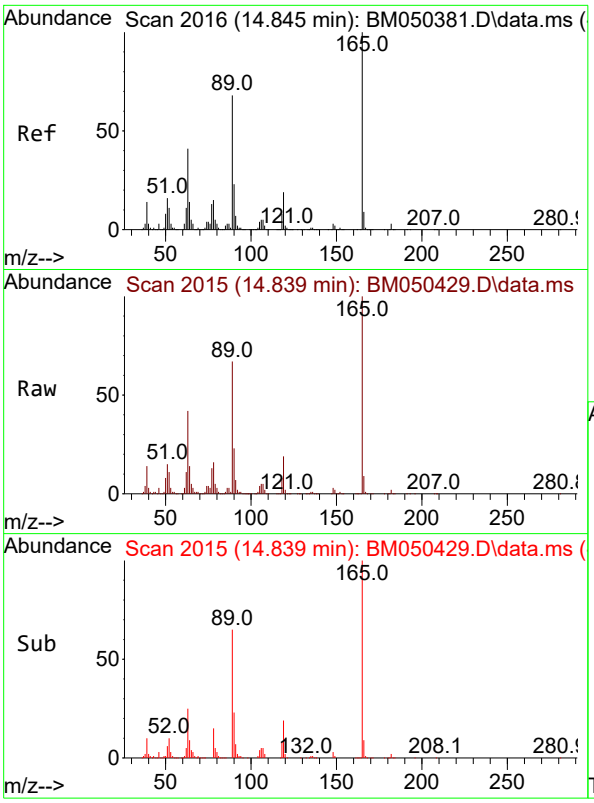


#56
4-Nitrophenol
Concen: 41.709 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:139 Resp: 522847

Ion	Ratio	Lower	Upper
139	100		
109	75.3	56.5	96.5
65	93.8	76.4	116.4



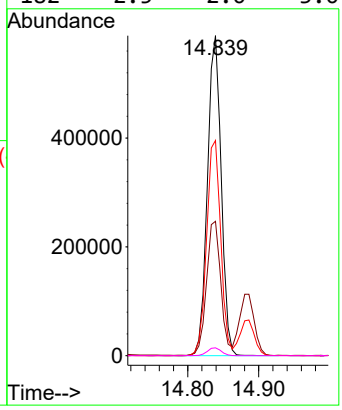


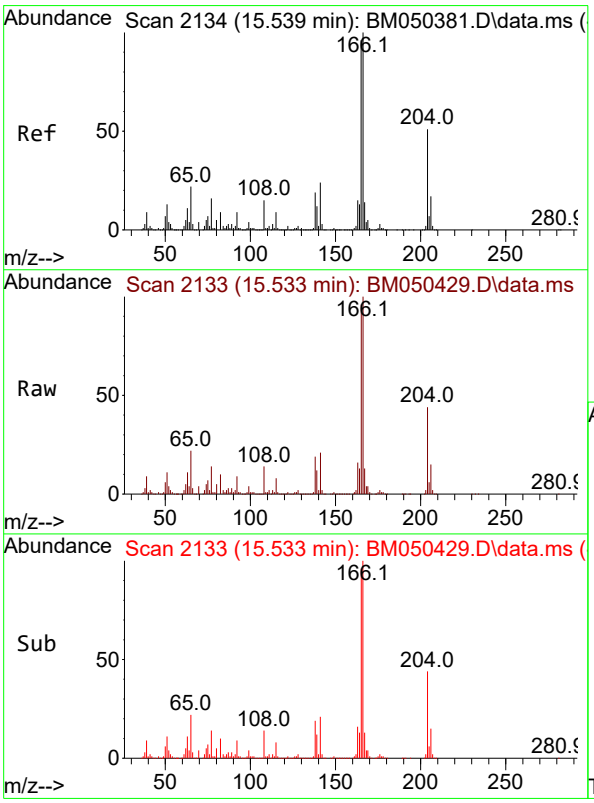
#57
2,4-Dinitrotoluene
Concen: 39.178 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 792992

Ion	Ratio	Lower	Upper
165	100		
63	42.0	32.5	48.7
89	67.2	54.0	81.0
182	2.5	2.0	3.0

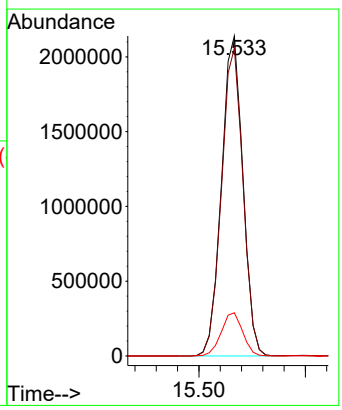


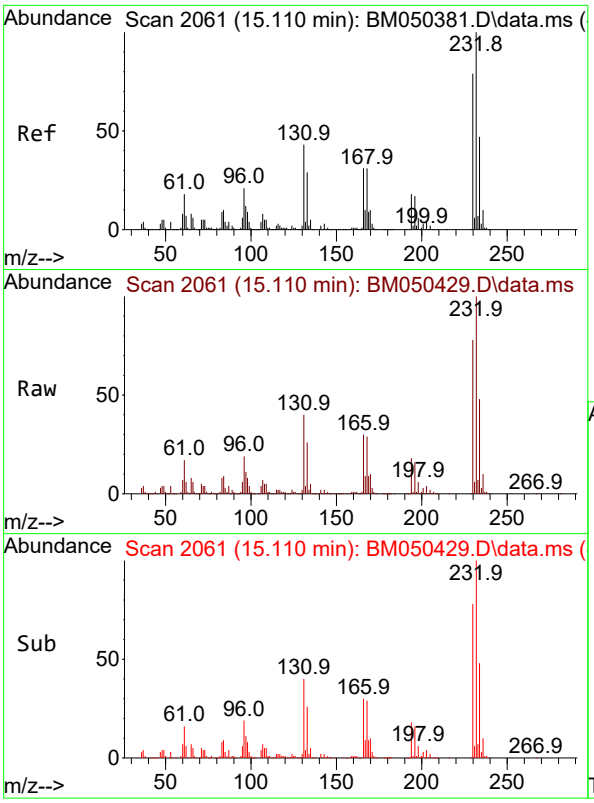


#58
Fluorene
Concen: 39.804 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:166 Resp: 2977081

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.0	115.6
167	13.5	10.9	16.3



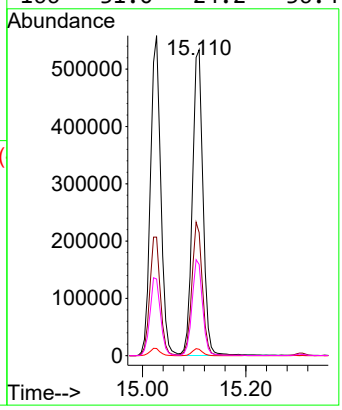


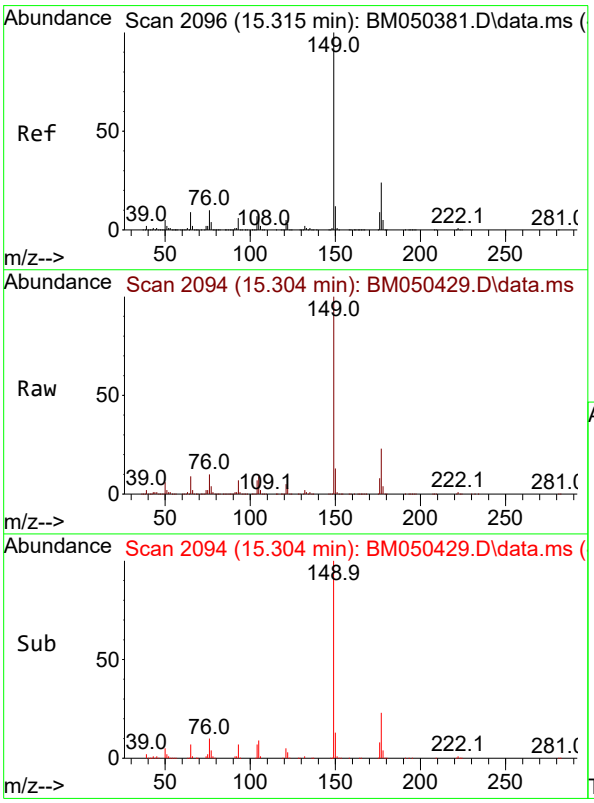
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.793 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 761198

Ion	Ratio	Lower	Upper
232	100		
131	42.9	33.4	50.0
130	2.2	1.8	2.6
166	31.0	24.2	36.4

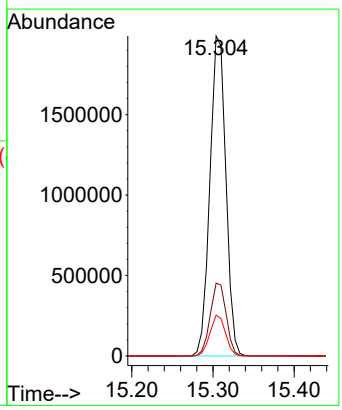


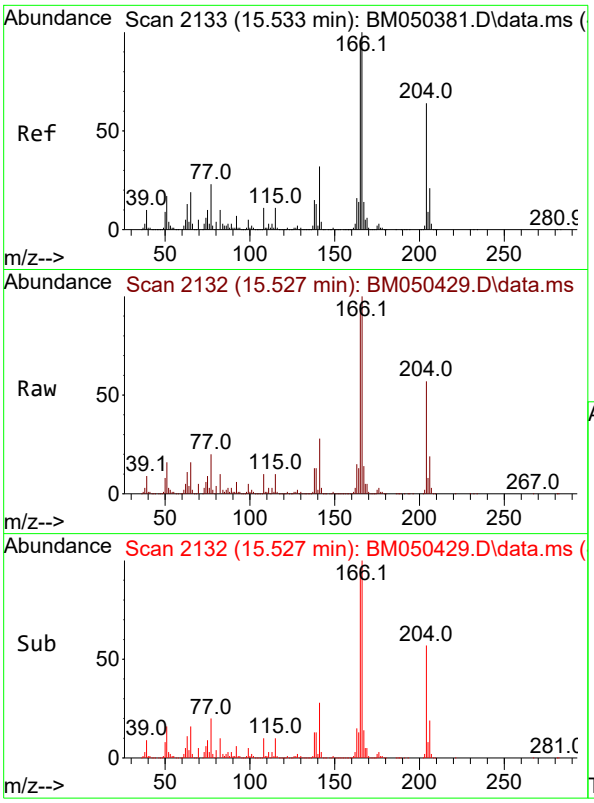


#60
Diethylphthalate
Concen: 39.771 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 2712046

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.8	28.2
150	12.8	9.8	14.8



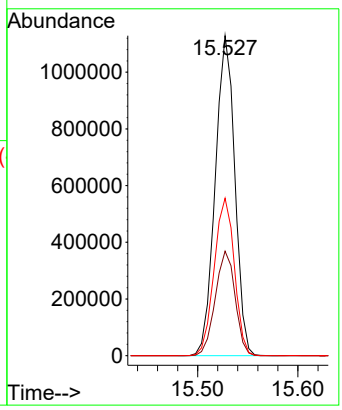


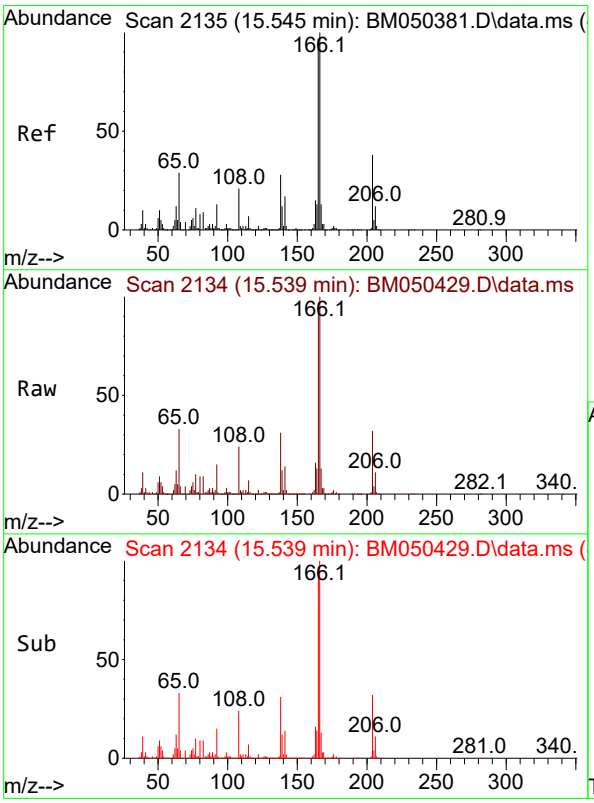
#61
4-Chlorophenyl-phenylether
Concen: 39.180 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1532279

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	49.2	39.9	59.9

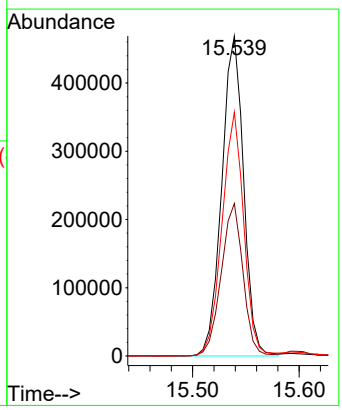


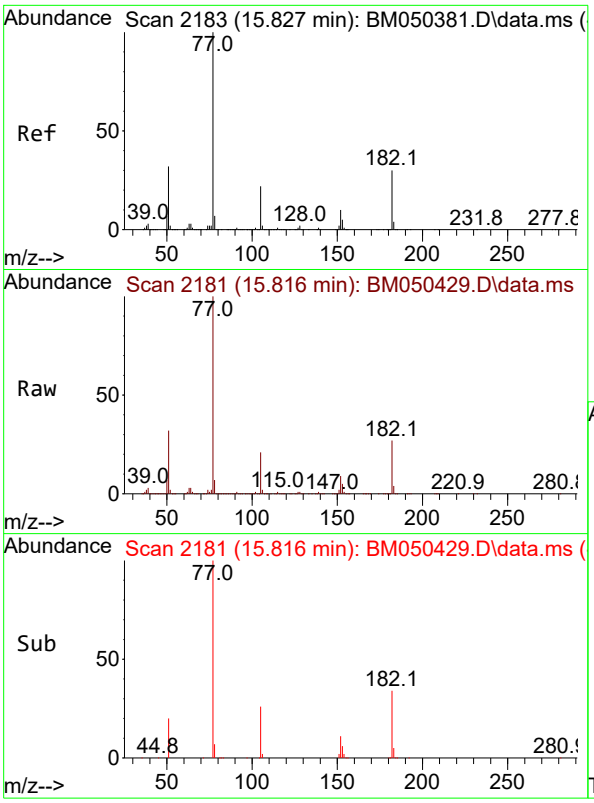


#62
4-Nitroaniline
Concen: 40.267 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:138 Resp: 667412

Ion	Ratio	Lower	Upper
138	100		
92	47.7	24.5	64.5
108	76.2	52.5	92.5



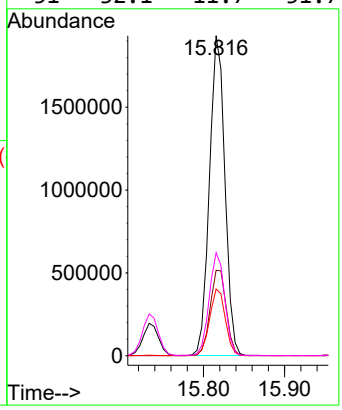


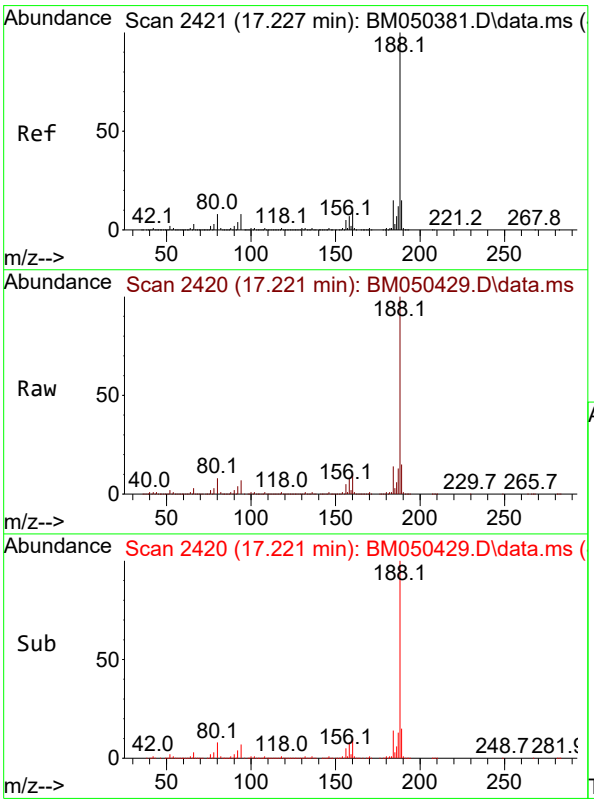
#63
Azobenzene
Concen: 40.674 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2546901

Ion	Ratio	Lower	Upper
77	100		
182	26.7	10.0	50.0
105	20.9	2.0	42.0
51	32.1	11.7	51.7

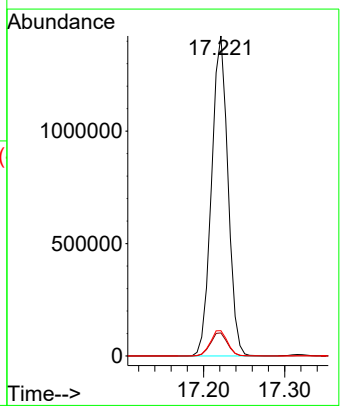


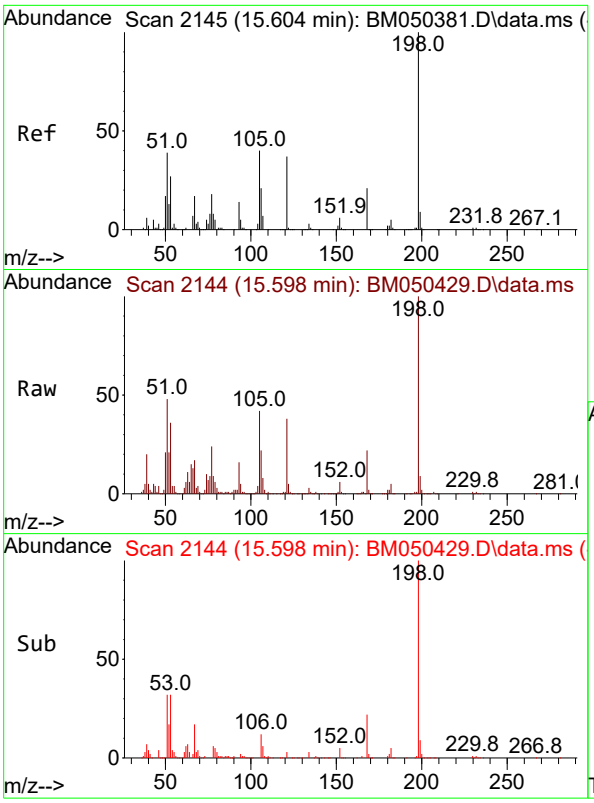


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:188 Resp: 1998802

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	7.9	6.5	9.7



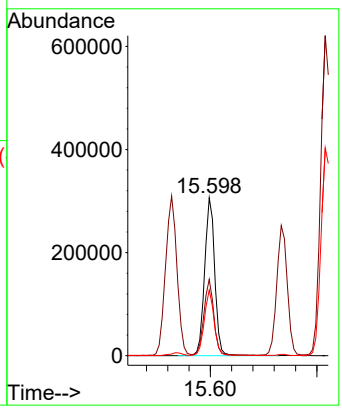


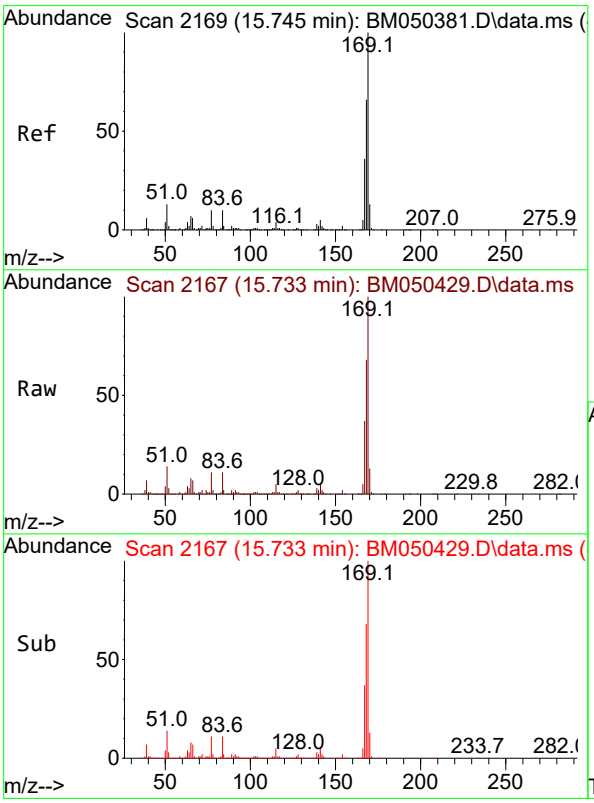
#65
4,6-Dinitro-2-methylphenol
Concen: 38.794 ng
RT: 15.598 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 401999

Ion	Ratio	Lower	Upper
198	100		
51	48.3	26.6	66.6
105	41.5	20.9	60.9

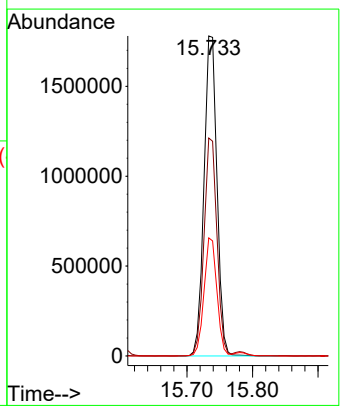


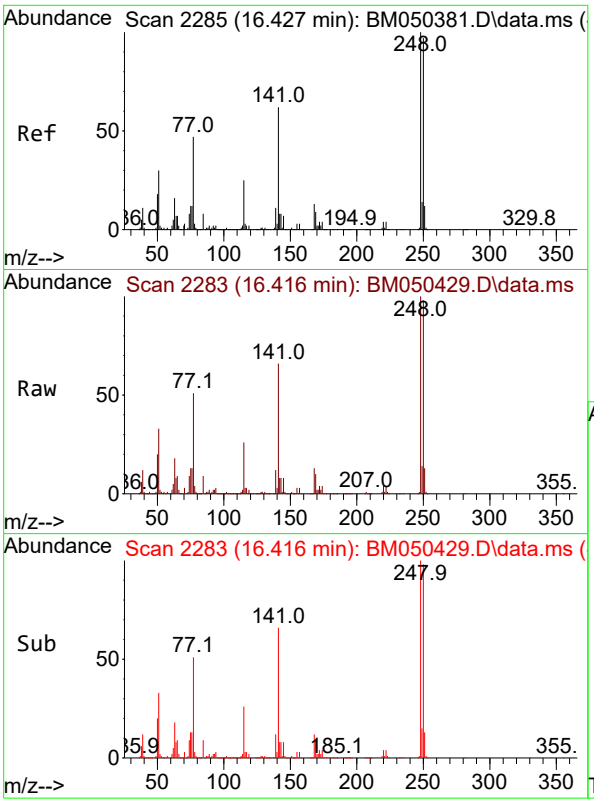


#66
n-Nitrosodiphenylamine
Concen: 39.314 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:169 Resp: 2458928

Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.2	79.8
167	36.9	28.7	43.1



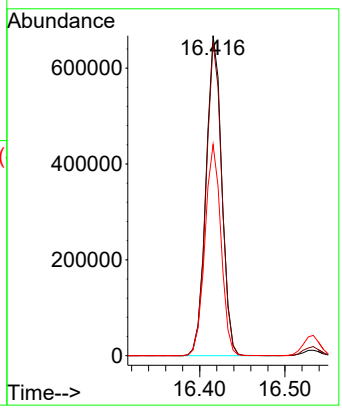


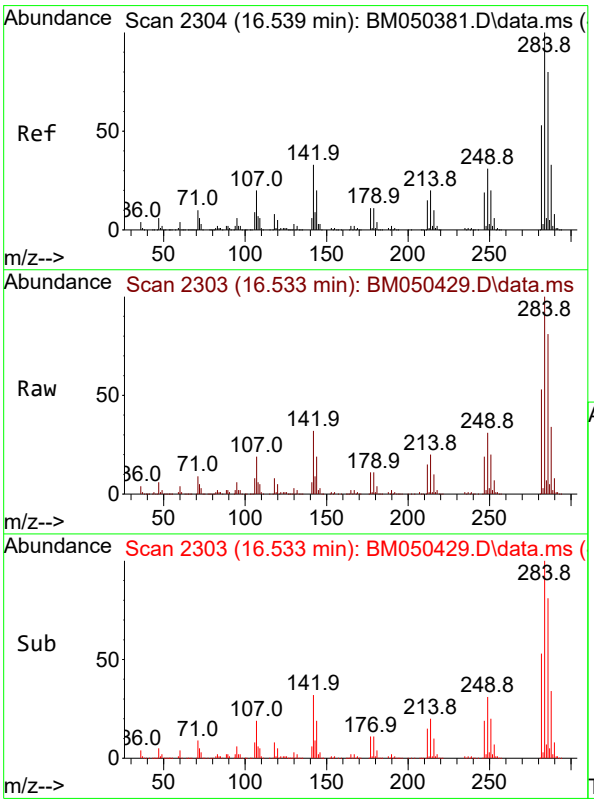
#67
4-Bromophenyl-phenylether
Concen: 39.033 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 859585

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.9	116.9
141	66.0	49.7	74.5

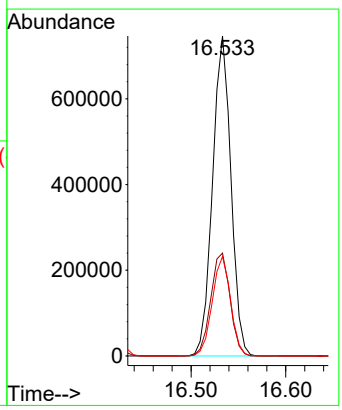


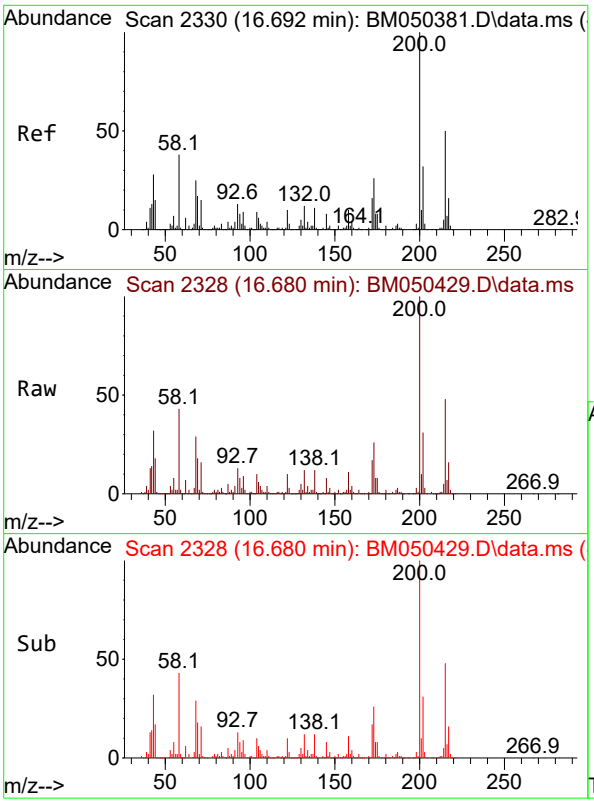


#68
Hexachlorobenzene
Concen: 38.647 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:284 Resp: 1005198

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.8	40.2
249	31.1	24.5	36.7



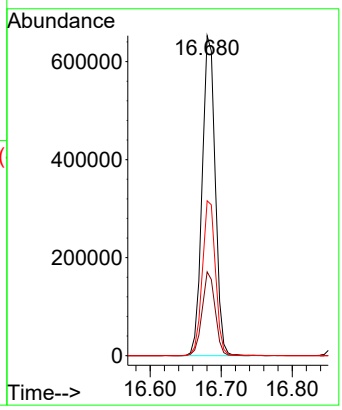


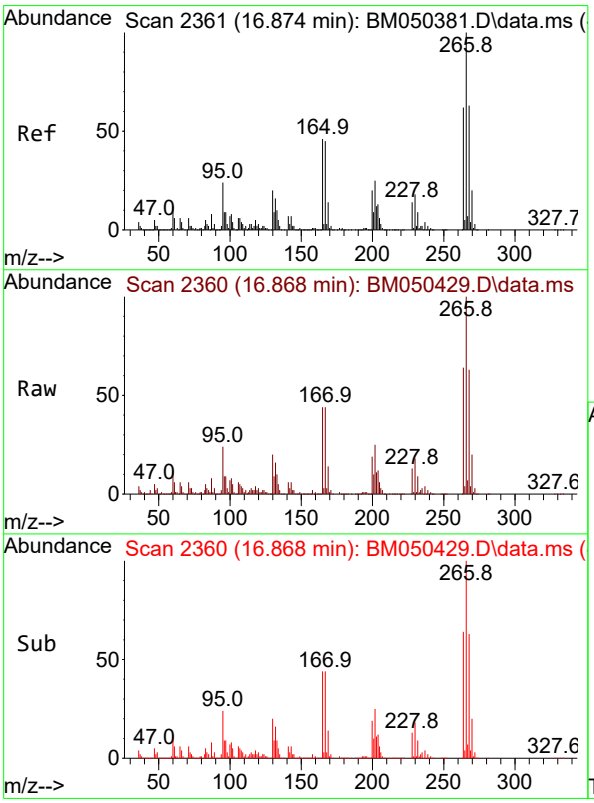
#69
Atrazine
Concen: 40.910 ng
RT: 16.680 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 840199

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.6	45.6
215	48.4	29.6	69.6

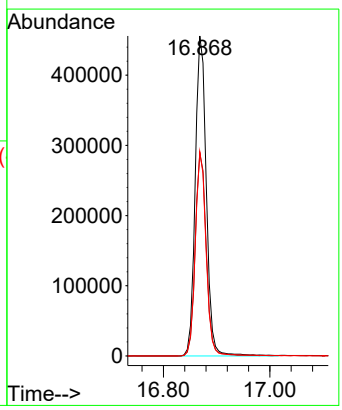


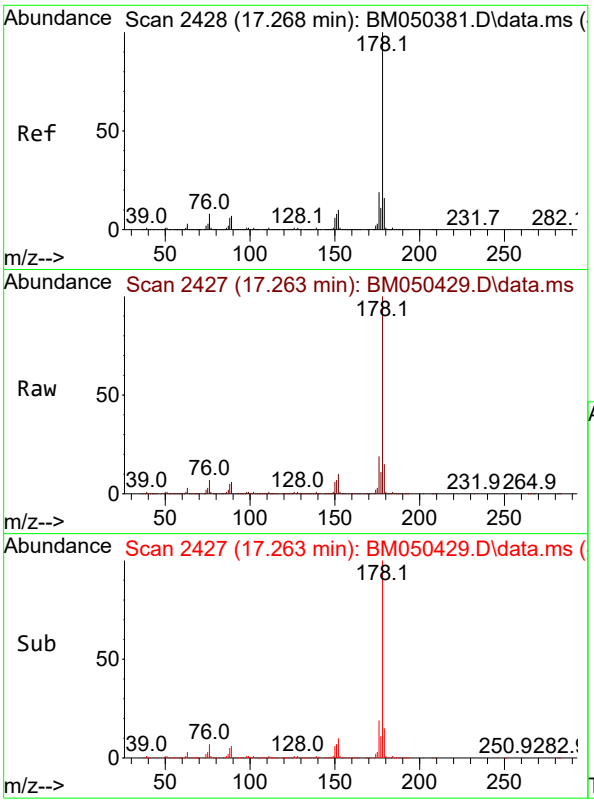


#70
Pentachlorophenol
Concen: 40.653 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:266 Resp: 658229

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.5	75.7
264	63.8	49.9	74.9



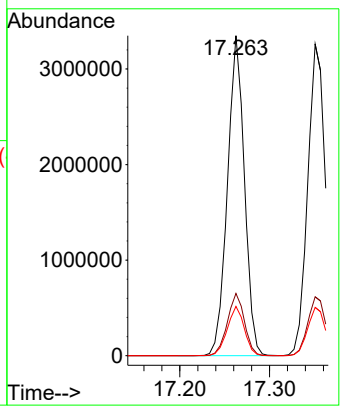


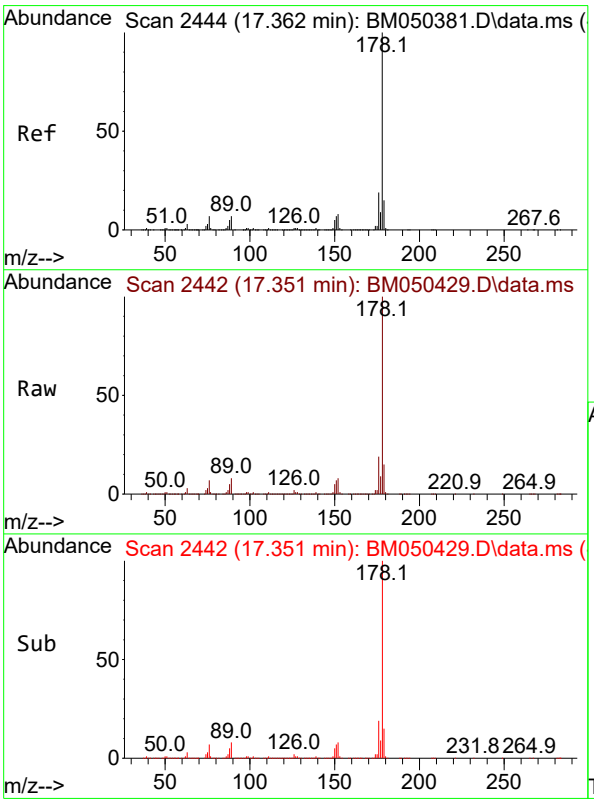
#71
Phenanthrene
Concen: 38.896 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4399238

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.4	12.5	18.7

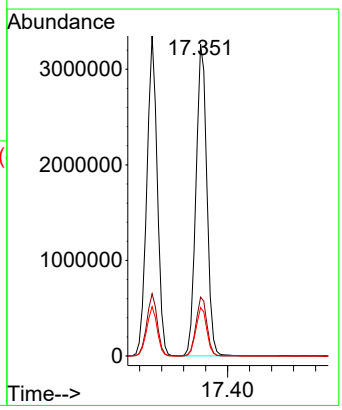


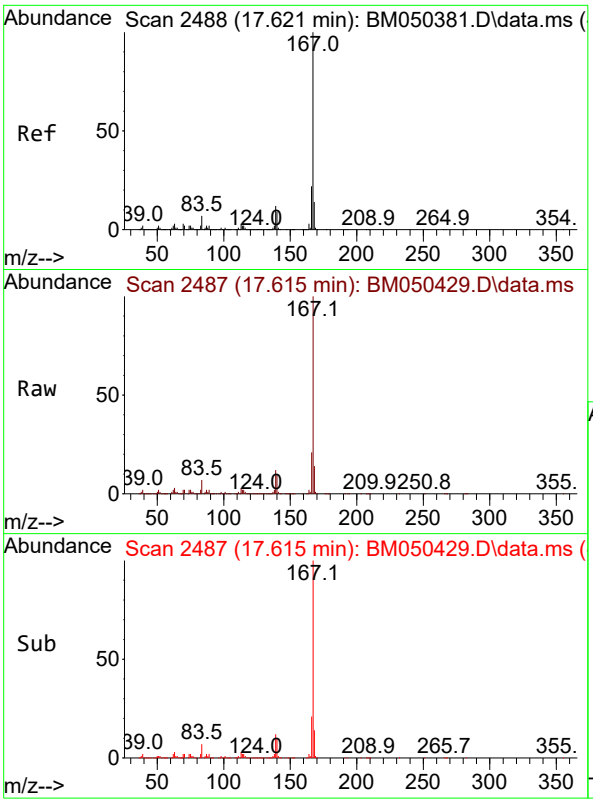


#72
Anthracene
Concen: 39.846 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:178 Resp: 4486017

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.5	12.2	18.4



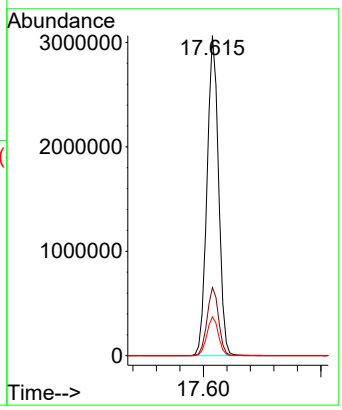


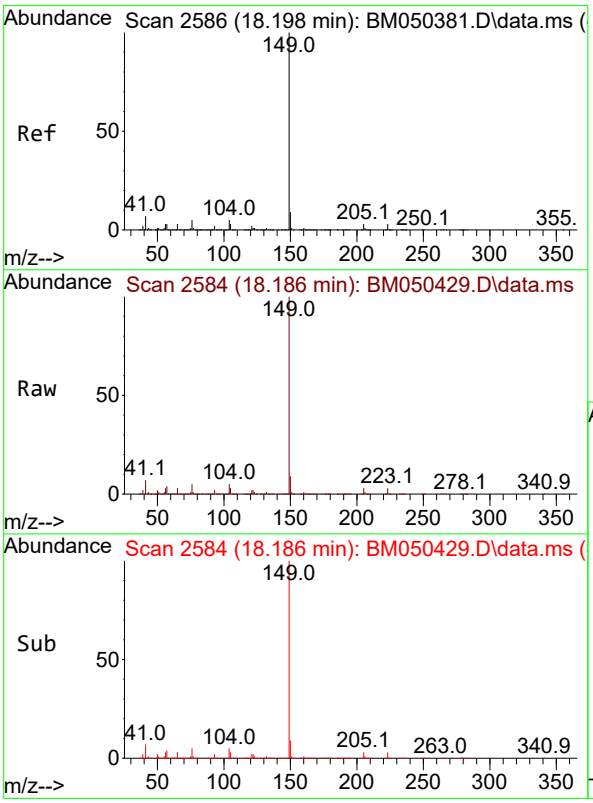
#73
Carbazole
Concen: 40.769 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4153041

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.1	9.9	14.9

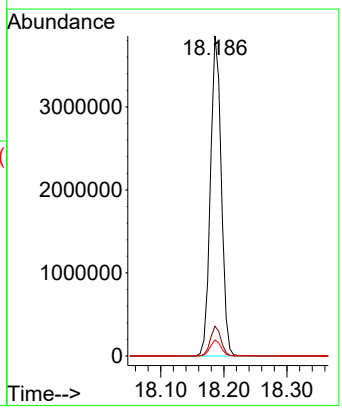


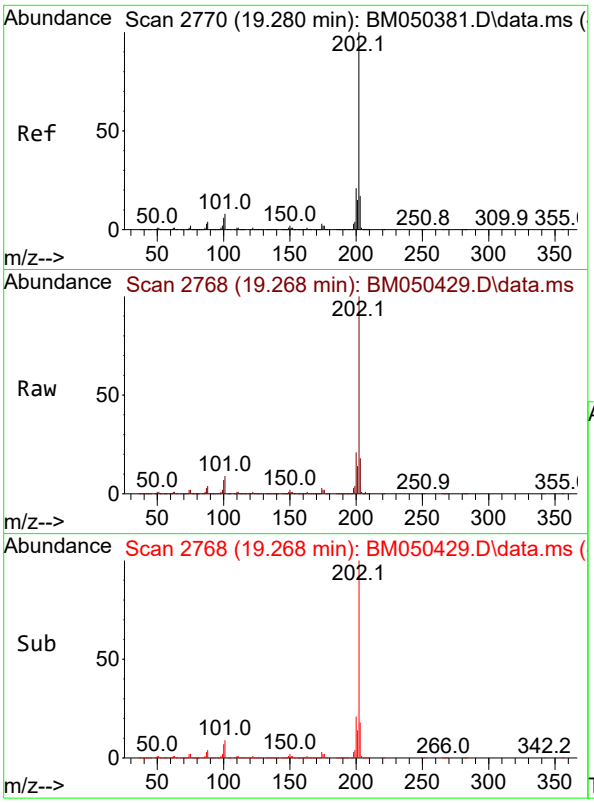


#74
Di-n-butylphthalate
Concen: 41.275 ng
RT: 18.186 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 4602132

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	3.9	5.9



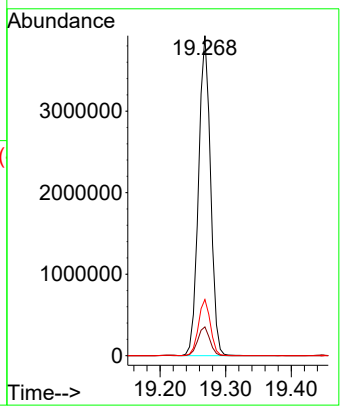


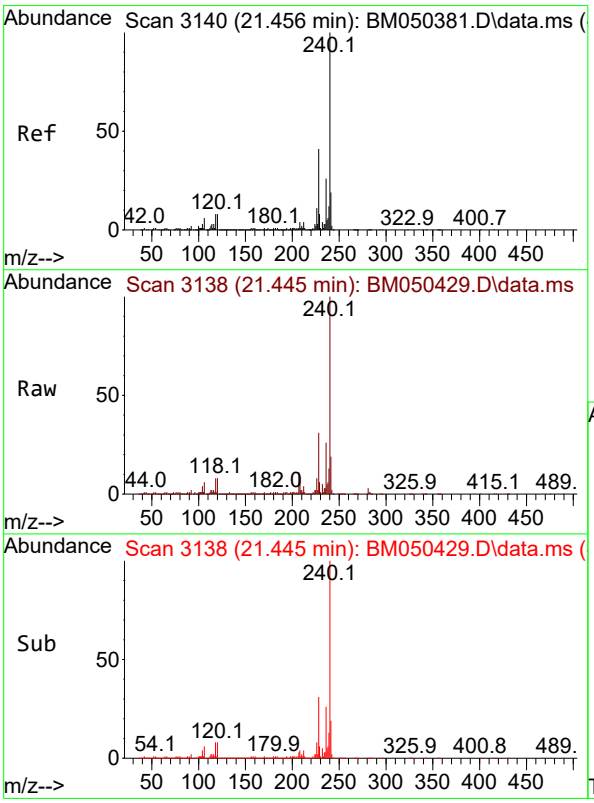
#75
Fluoranthene
Concen: 40.753 ng
RT: 19.268 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5010785

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	17.5	0.0	37.2

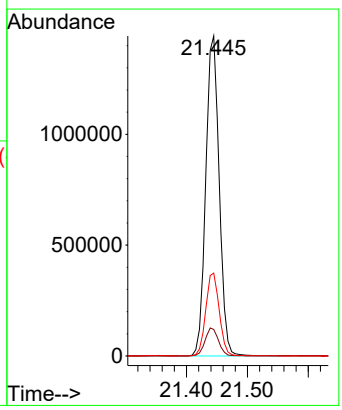


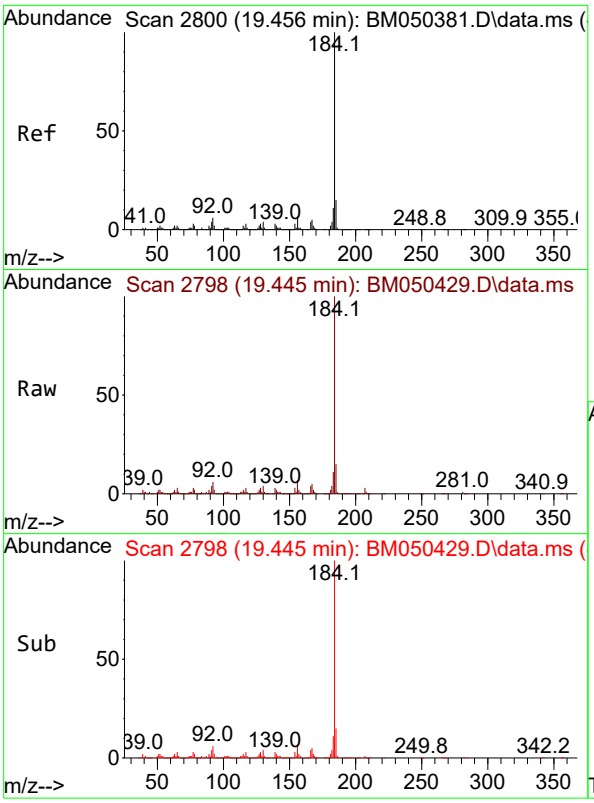


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:240 Resp: 2212244

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.7	10.1
236	25.9	20.7	31.1



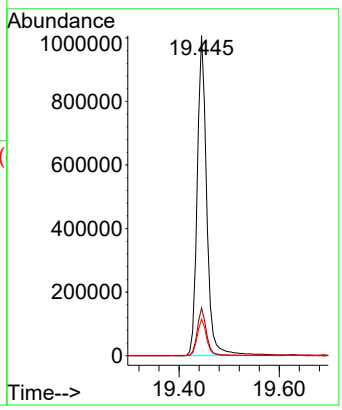


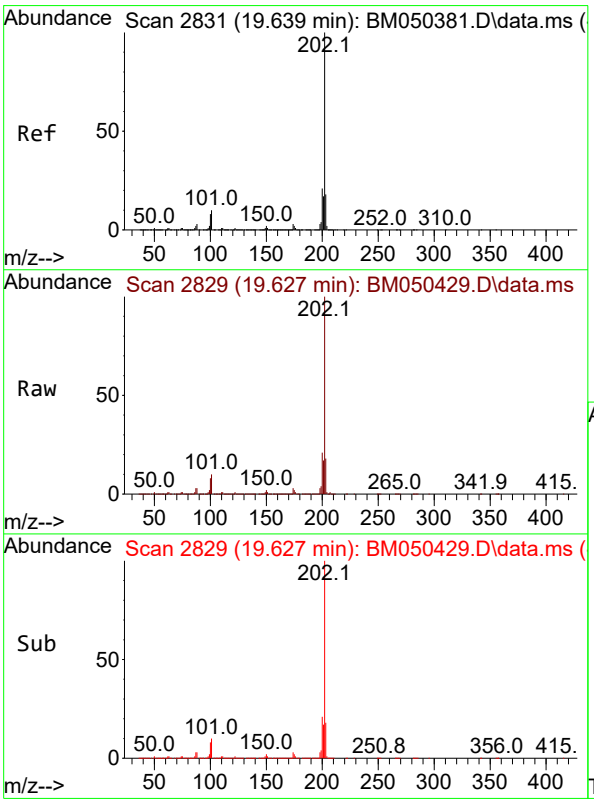
#77
Benzidine
Concen: 23.465 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1324060

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.7	17.5
183	11.4	9.0	13.6

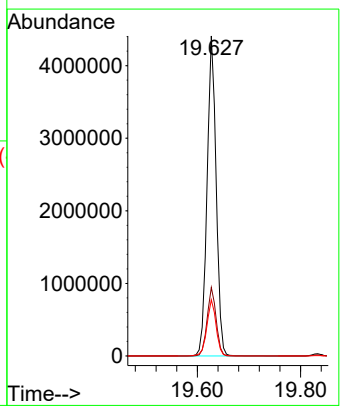


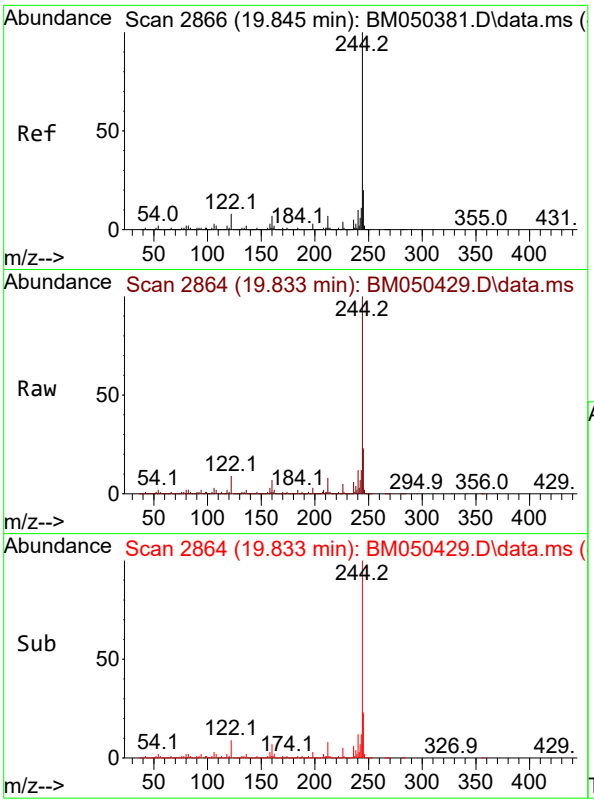


#78
Pyrene
Concen: 37.888 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:202 Resp: 5368083

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.5	14.1	21.1



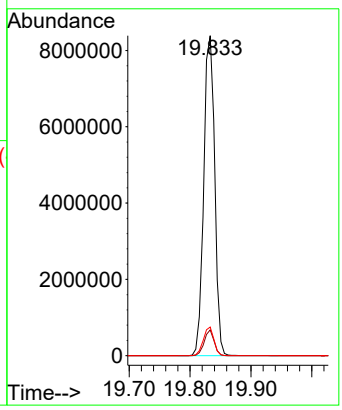


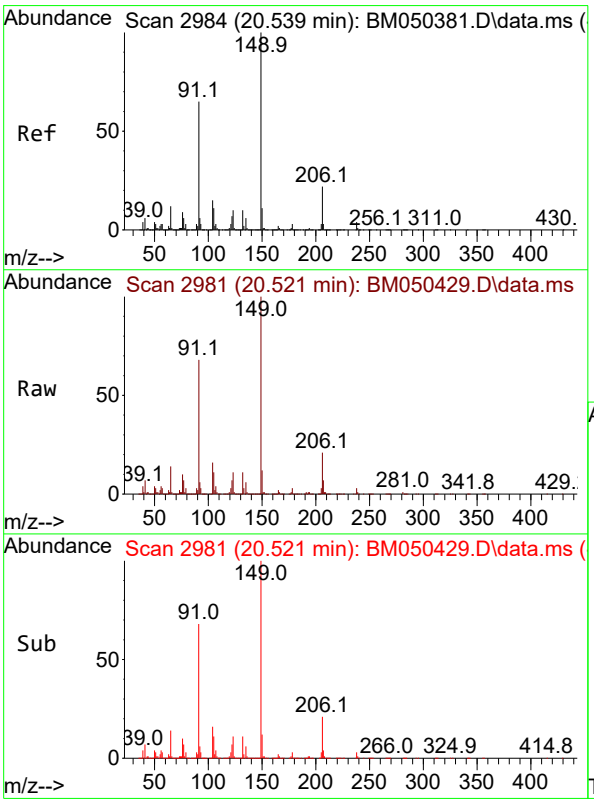
#79
Terphenyl-d14
Concen: 83.219 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10463512

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	8.9	6.2	9.2

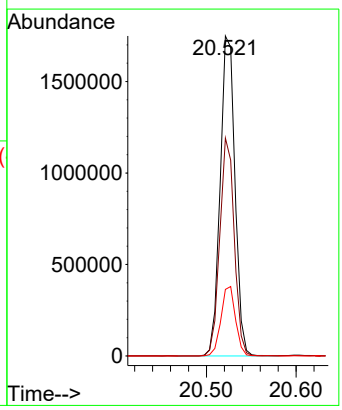


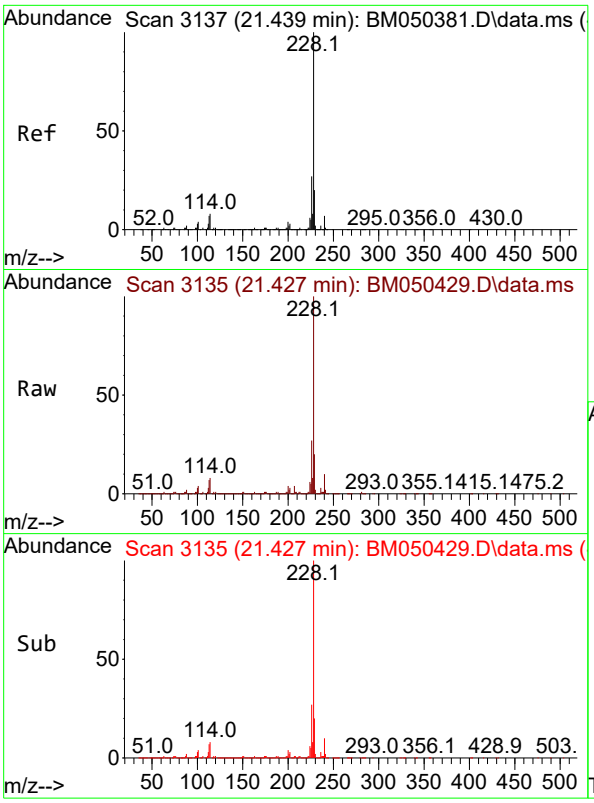


#80
Butylbenzylphthalate
Concen: 42.873 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.017 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 2002932

Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.6	77.4
206	20.8	17.8	26.8



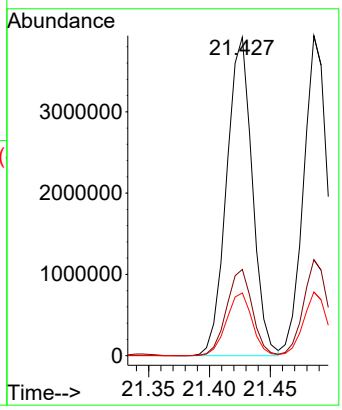


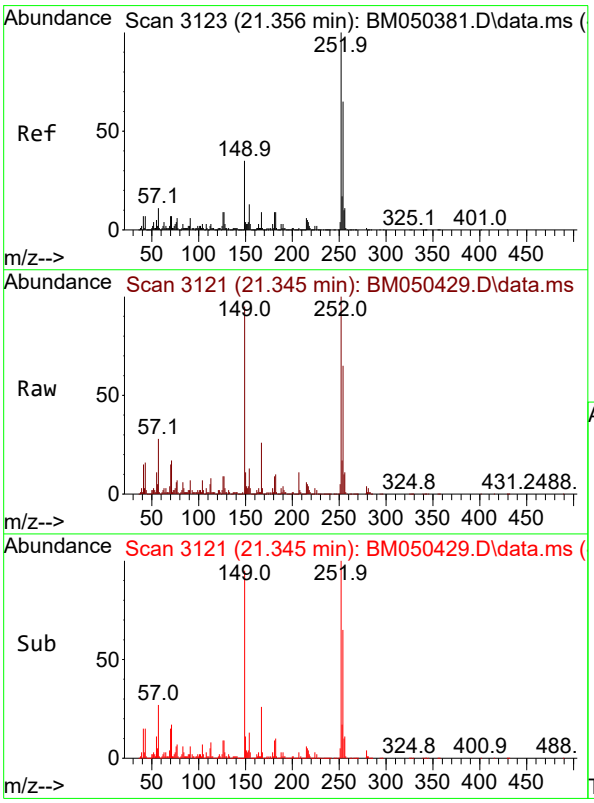
#81
Benzo(a)anthracene
Concen: 39.905 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5752101

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.7	16.0	24.0

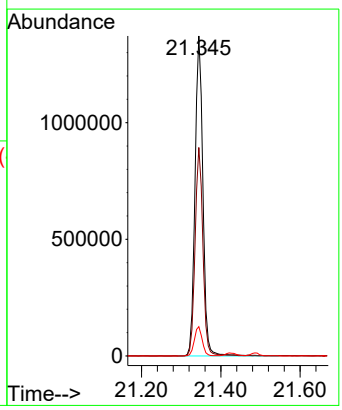


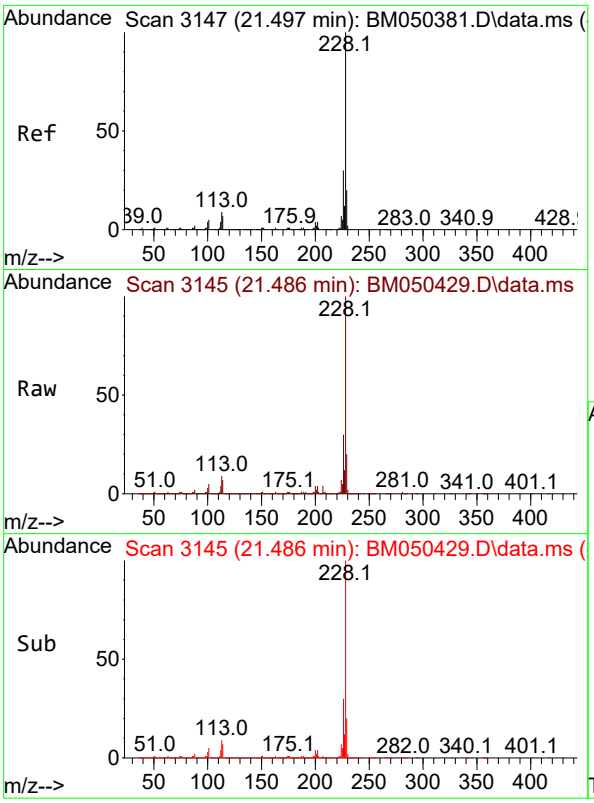


#82
3,3'-Dichlorobenzidine
Concen: 38.750 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:252 Resp: 1883647

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	9.1	7.3	10.9



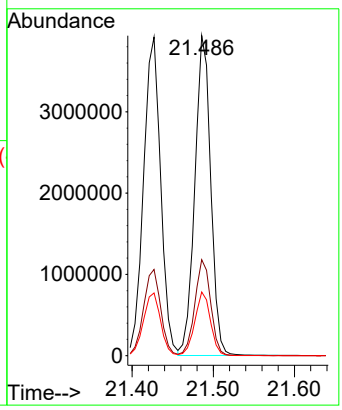


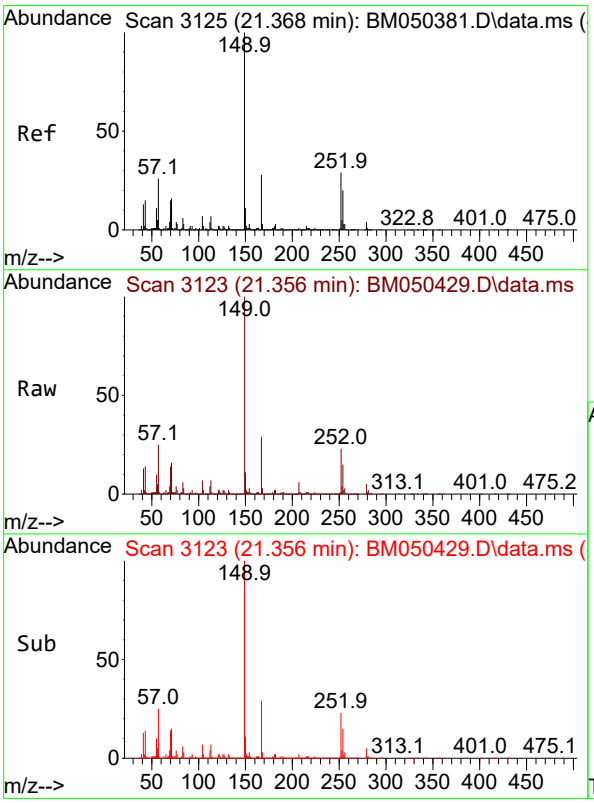
#83
Chrysene
Concen: 39.487 ng
RT: 21.486 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5368548

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.9	15.8	23.6

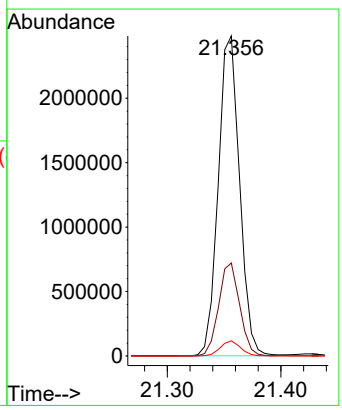


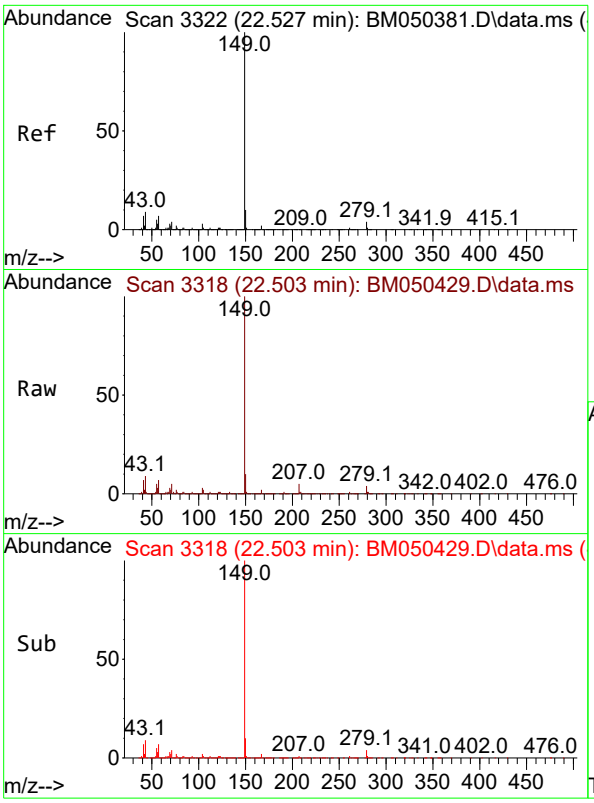


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.607 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 3234021

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.7	34.1
279	4.8	3.5	5.3



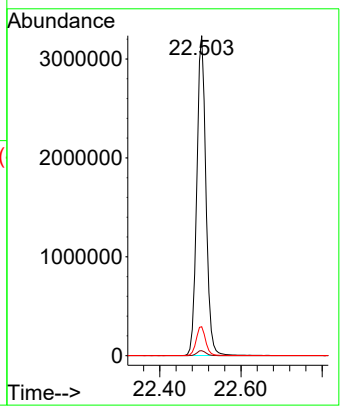


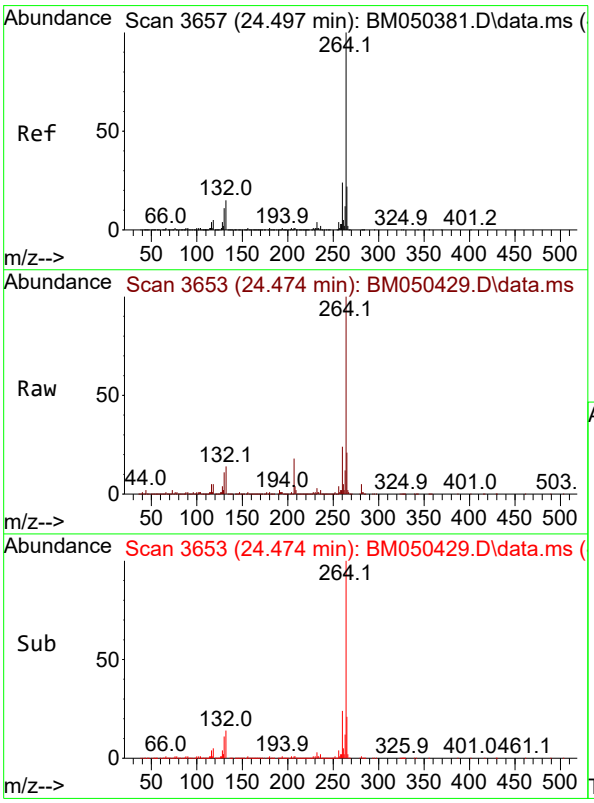
#85
Di-n-octyl phthalate
Concen: 43.719 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 5078142

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

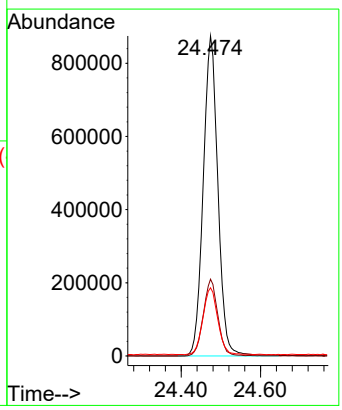


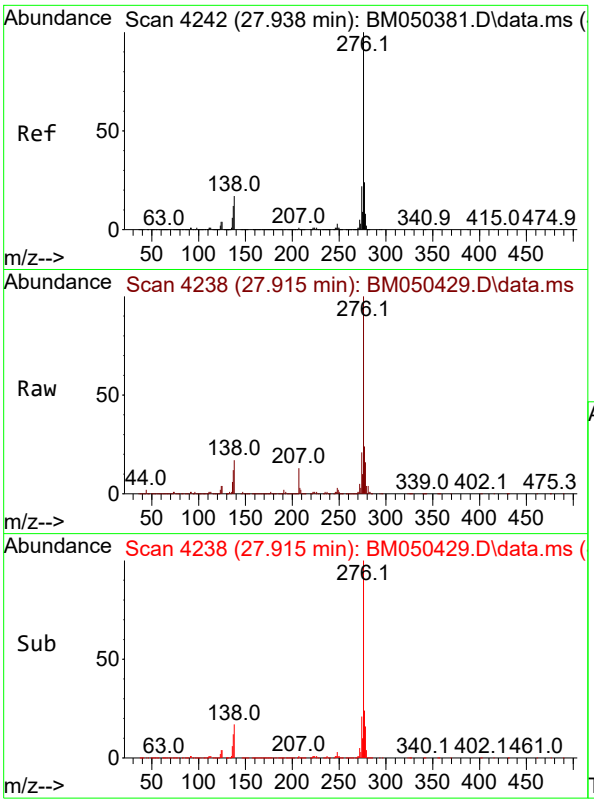


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:264 Resp: 2243965

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.8	26.6



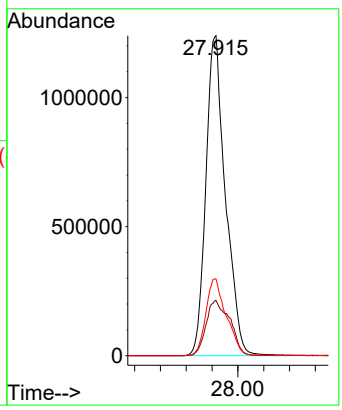


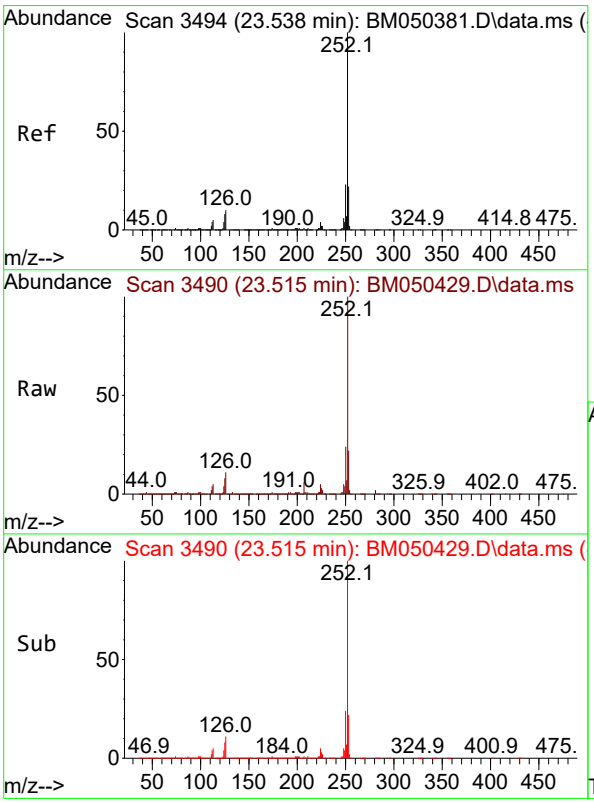
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.924 ng
RT: 27.915 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 6529221

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.6
277	25.1	20.0	30.0

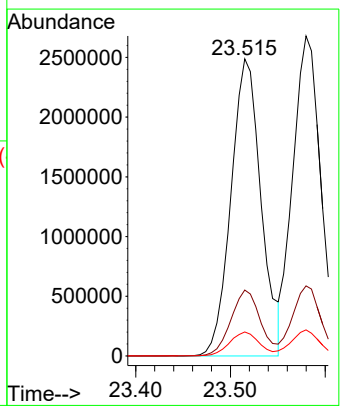


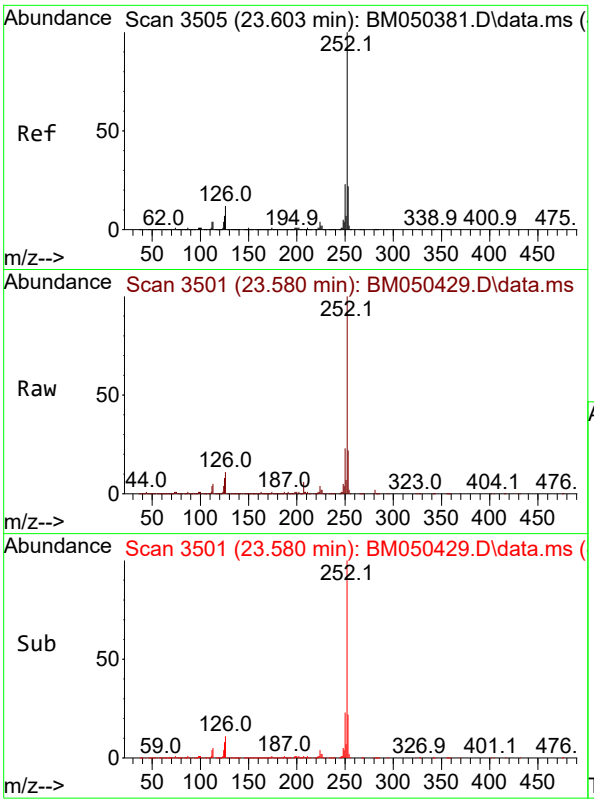


#88
Benzo(b)fluoranthene
Concen: 39.820 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:252 Resp: 5496193

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.1	6.3	9.5



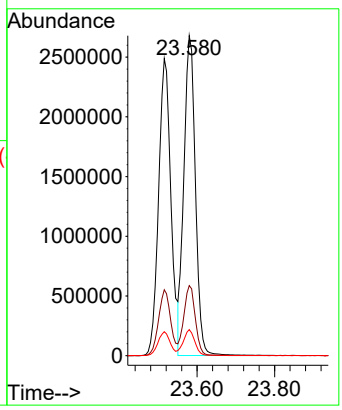


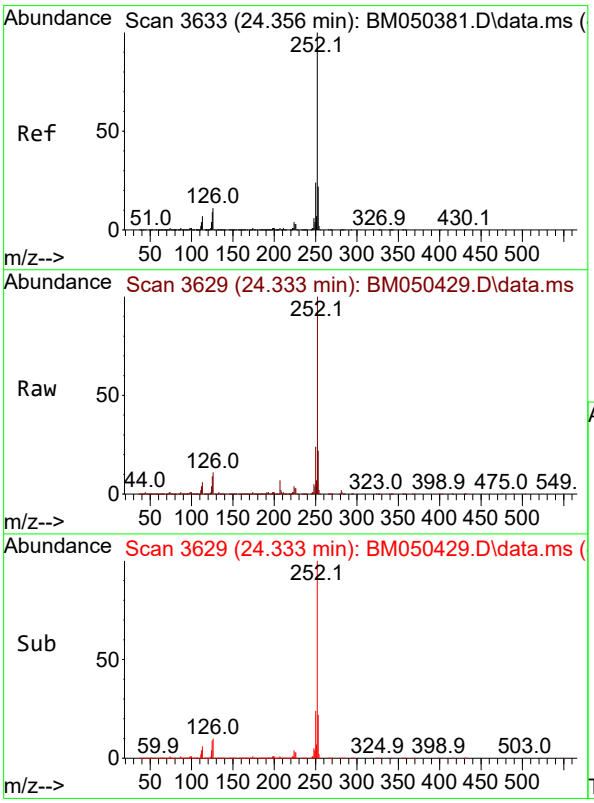
#89
Benzo(k)fluoranthene
Concen: 38.728 ng
RT: 23.580 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 5546638

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.2	6.2	9.2

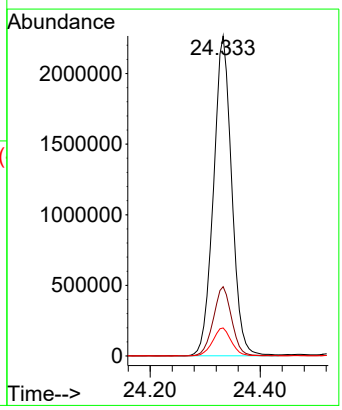


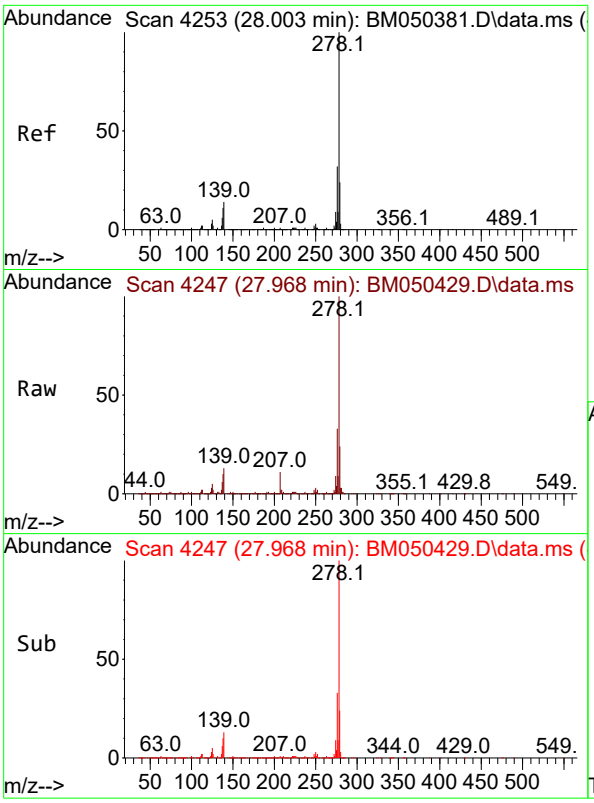


#90
Benzo(a)pyrene
Concen: 40.414 ng
RT: 24.333 min Scan# 3629
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:252 Resp: 5221766

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.7	7.0	10.4



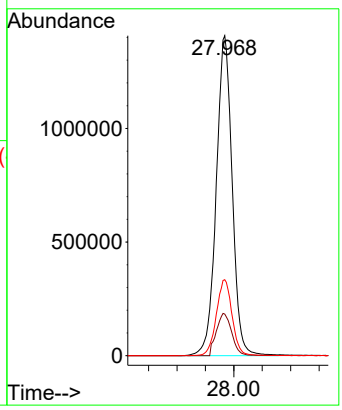


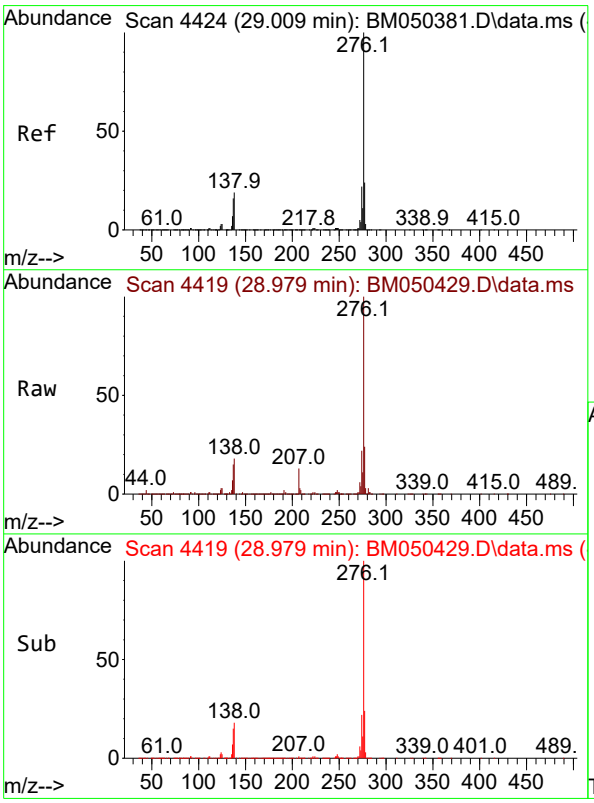
#91
Dibenzo(a,h)anthracene
Concen: 40.853 ng
RT: 27.968 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 5489209

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	23.8	19.4	29.0

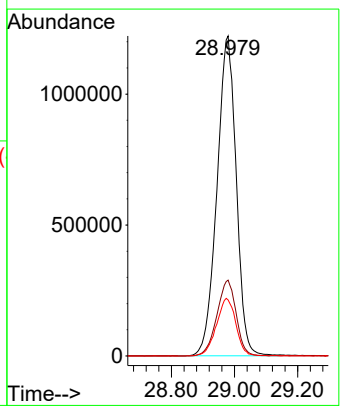




#92
Benzo(g,h,i)perylene
Concen: 40.712 ng
RT: 28.979 min Scan# 4419
Delta R.T. -0.029 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:276 Resp: 5170029

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	17.5	14.9	22.3



Sample Results: **BM050429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2		1,4-Dioxane	0.478	0.462	3.3	110	0.00
3		Pyridine	1.254	1.252	0.2	112	0.00
4		n-Nitrosodimethylamine	0.585	0.595	-1.7	114	0.00
5	S	2-Fluorophenol	1.162	1.168	-0.5	111	0.00
6		Aniline	1.880	1.891	-0.6	110	0.00
7	S	Phenol-d6	1.465	1.509	-3.0	113	0.00
8		2-Chlorophenol	1.225	1.227	-0.2	110	0.00
9		Benzaldehyde	0.871	0.978	-12.3	119	0.00
10	C	Phenol	1.528	1.550	-1.4	113	0.00
11		bis(2-Chloroethyl)ether	1.223	1.201	1.8	110	0.00
12		1,3-Dichlorobenzene	1.490	1.456	2.3	110	0.00
13	C	1,4-Dichlorobenzene	1.521	1.483	2.5	111	0.00
14		1,2-Dichlorobenzene	1.456	1.424	2.2	111	0.00
15		Benzyl Alcohol	1.032	1.036	-0.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.758	2.4	110	0.00
17		2-Methylphenol	0.991	0.997	-0.6	110	0.00
18		Hexachloroethane	0.535	0.528	1.3	111	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.921	-3.8	111	0.00
20		3+4-Methylphenols	1.330	1.325	0.4	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22		Acetophenone	0.500	0.498	0.4	110	0.00
23	S	Nitrobenzene-d5	0.392	0.399	-1.8	111	0.00
24		Nitrobenzene	0.350	0.351	-0.3	111	0.00
25		Isophorone	0.636	0.632	0.6	107	0.00
26	C	2-Nitrophenol	0.143	0.152	-6.3	113	0.00
27		2,4-Dimethylphenol	0.303	0.299	1.3	109	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.410	2.8	107	0.00
29	C	2,4-Dichlorophenol	0.312	0.313	-0.3	109	0.00
30		1,2,4-Trichlorobenzene	0.373	0.357	4.3	107	0.00
31		Naphthalene	1.016	0.985	3.1	108	0.00
32		Benzoic acid	0.165	0.180	-9.1	119	0.00
33		4-Chloroaniline	0.429	0.431	-0.5	109	0.00
34	C	Hexachlorobutadiene	0.228	0.214	6.1	105	0.00
35		Caprolactam	0.085	0.086	-1.2	108	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.297	-2.1	109	0.00
37		2-Methylnaphthalene	0.641	0.632	1.4	108	0.00
38		1-Methylnaphthalene	0.679	0.669	1.5	108	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.609	4.2	105	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.389	4.4	105	-0.01
42	S	2,4,6-Tribromophenol	0.243	0.255	-4.9	110	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.395	-1.0	108	0.00
44		2,4,5-Trichlorophenol	0.428	0.430	-0.5	107	0.00
45	S	2-Fluorobiphenyl	1.620	1.578	2.6	106	0.00
46		1,1'-Biphenyl	1.484	1.450	2.3	108	0.00
47		2-Chloronaphthalene	1.183	1.165	1.5	109	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.284	-7.6	109	0.00
49		Acenaphthylene	1.788	1.795	-0.4	108	0.00
50		Dimethylphthalate	1.377	1.351	1.9	107	0.00
51		2,6-Dinitrotoluene	0.264	0.279	-5.7	110	0.00
52	C	Acenaphthene	1.137	1.130	0.6	109	0.00
53		3-Nitroaniline	0.281	0.301	-7.1	110	0.00
54	P	2,4-Dinitrophenol	0.121	0.129	-6.6	118	0.00
55		Dibenzofuran	1.751	1.713	2.2	107	0.00
56	P	4-Nitrophenol	0.242	0.252	-4.1	110	0.00
57		2,4-Dinitrotoluene	0.350	0.382	-9.1	110	0.00
58		Fluorene	1.443	1.436	0.5	108	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.367	-1.9	108	0.00
60		Diethylphthalate	1.315	1.308	0.5	107	-0.01
61		4-Chlorophenyl-phenylether	0.754	0.739	2.0	106	0.00
62		4-Nitroaniline	0.288	0.322	-11.8	111	0.00
63		Azobenzene	1.208	1.228	-1.7	109	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.101	-6.3	117	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.615	1.8	108	-0.01
67		4-Bromophenyl-phenylether	0.220	0.215	2.3	108	-0.01
68		Hexachlorobenzene	0.260	0.251	3.5	107	0.00
69		Atrazine	0.206	0.210	-1.9	108	-0.01
70	C	Pentachlorophenol	0.162	0.165	-1.9	112	0.00
71		Phenanthrene	1.132	1.100	2.8	109	0.00
72		Anthracene	1.127	1.122	0.4	110	-0.01
73		Carbazole	1.019	1.039	-2.0	112	0.00
74		Di-n-butylphthalate	1.116	1.151	-3.1	110	-0.01
75	C	Fluoranthene	1.230	1.253	-1.9	111	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	116	-0.01
77		Benzidine	0.510	0.299	41.4#	63	-0.01
78		Pyrene	1.281	1.213	5.3	112	-0.01
79	S	Terphenyl-d14	1.137	1.182	-4.0	109	-0.01
80		Butylbenzylphthalate	0.422	0.453	-7.3	119	-0.02
81		Benzo(a)anthracene	1.303	1.300	0.2	118	-0.01
82		3,3'-Dichlorobenzidine	0.439	0.426	3.0	115	-0.01
83		Chrysene	1.229	1.213	1.3	117	-0.01
84		Bis(2-ethylhexyl)phthalate	0.670	0.731	-9.1	120	-0.01
85	c	Di-n-octyl phthalate	1.050	1.148	-9.3	126	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	122	-0.02
87		Indeno(1,2,3-cd)pyrene	1.422	1.455	-2.3	125	-0.02
88		Benzo(b)fluoranthene	1.230	1.225	0.4	121	-0.02
89		Benzo(k)fluoranthene	1.276	1.236	3.1	119	-0.02
90	C	Benzo(a)pyrene	1.152	1.164	-1.0	123	-0.02
91		Dibenzo(a,h)anthracene	1.198	1.223	-2.1	125	-0.04
92		Benzo(g,h,i)perylene	1.132	1.152	-1.8	125	-0.03

Sample Results: **BM050429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.00
2		1,4-Dioxane	40.000	38.676	3.3	110	0.00
3		Pyridine	40.000	39.934	0.2	112	0.00
4		n-Nitrosodimethylamine	40.000	40.722	-1.8	114	0.00
5	S	2-Fluorophenol	80.000	80.393	-0.5	111	0.00
6		Aniline	40.000	40.237	-0.6	110	0.00
7	S	Phenol-d6	80.000	82.395	-3.0	113	0.00
8		2-Chlorophenol	40.000	40.070	-0.2	110	0.00
9		Benzaldehyde	40.000	44.877	-12.2	119	0.00
10	C	Phenol	40.000	40.591	-1.5	113	0.00
11		bis(2-Chloroethyl)ether	40.000	39.256	1.9	110	0.00
12		1,3-Dichlorobenzene	40.000	39.084	2.3	110	0.00
13	C	1,4-Dichlorobenzene	40.000	39.004	2.5	111	0.00
14		1,2-Dichlorobenzene	40.000	39.116	2.2	111	0.00
15		Benzyl Alcohol	40.000	40.162	-0.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.024	2.4	110	0.00
17		2-Methylphenol	40.000	40.241	-0.6	110	0.00
18		Hexachloroethane	40.000	39.443	1.4	111	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.504	-3.8	111	0.00
20		3+4-Methylphenols	40.000	39.839	0.4	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22		Acetophenone	40.000	39.815	0.5	110	0.00
23	S	Nitrobenzene-d5	80.000	81.413	-1.8	111	0.00
24		Nitrobenzene	40.000	40.131	-0.3	111	0.00
25		Isophorone	40.000	39.716	0.7	107	0.00
26	C	2-Nitrophenol	40.000	42.742	-6.9	113	0.00
27		2,4-Dimethylphenol	40.000	39.483	1.3	109	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.943	2.6	107	0.00
29	C	2,4-Dichlorophenol	40.000	40.196	-0.5	109	0.00
30		1,2,4-Trichlorobenzene	40.000	38.342	4.1	107	0.00
31		Naphthalene	40.000	38.781	3.0	108	0.00
32		Benzoic acid	40.000	39.787	0.5	119	0.00
33		4-Chloroaniline	40.000	40.145	-0.4	109	0.00
34	C	Hexachlorobutadiene	40.000	37.580	6.1	105	0.00
35		Caprolactam	40.000	40.432	-1.1	108	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.774	-1.9	109	0.00
37		2-Methylnaphthalene	40.000	39.410	1.5	108	0.00
38		1-Methylnaphthalene	40.000	39.418	1.5	108	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.323	4.2	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.245	4.4	105	-0.01
42	S	2,4,6-Tribromophenol	80.000	83.942	-4.9	110	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.394	-1.0	108	0.00
44		2,4,5-Trichlorophenol	40.000	40.188	-0.5	107	0.00
45	S	2-Fluorobiphenyl	80.000	77.961	2.5	106	0.00
46		1,1'-Biphenyl	40.000	39.087	2.3	108	0.00
47		2-Chloronaphthalene	40.000	39.380	1.5	109	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.062	-7.7	109	0.00
49		Acenaphthylene	40.000	40.151	-0.4	108	0.00
50		Dimethylphthalate	40.000	39.254	1.9	107	0.00
51		2,6-Dinitrotoluene	40.000	42.250	-5.6	110	0.00
52	C	Acenaphthene	40.000	39.774	0.6	109	0.00
53		3-Nitroaniline	40.000	42.864	-7.2	110	0.00
54	P	2,4-Dinitrophenol	40.000	38.955	2.6	118	0.00
55		Dibenzofuran	40.000	39.114	2.2	107	0.00
56	P	4-Nitrophenol	40.000	41.709	-4.3	110	0.00
57		2,4-Dinitrotoluene	40.000	39.178	2.1	110	0.00
58		Fluorene	40.000	39.804	0.5	108	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.793	-2.0	108	0.00
60		Diethylphthalate	40.000	39.771	0.6	107	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.180	2.1	106	0.00
62		4-Nitroaniline	40.000	40.267	-0.7	111	0.00
63		Azobenzene	40.000	40.674	-1.7	109	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	40.000	38.794	3.0	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.314	1.7	108	-0.01
67		4-Bromophenyl-phenylether	40.000	39.033	2.4	108	-0.01
68		Hexachlorobenzene	40.000	38.647	3.4	107	0.00
69		Atrazine	40.000	40.910	-2.3	108	-0.01
70	C	Pentachlorophenol	40.000	40.653	-1.6	112	0.00
71		Phenanthrene	40.000	38.896	2.8	109	0.00
72		Anthracene	40.000	39.846	0.4	110	-0.01
73		Carbazole	40.000	40.769	-1.9	112	0.00
74		Di-n-butylphthalate	40.000	41.275	-3.2	110	-0.01
75	C	Fluoranthene	40.000	40.753	-1.9	111	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	116	-0.01
77		Benzidine	40.000	23.465	41.3#	63	-0.01
78		Pyrene	40.000	37.888	5.3	112	-0.01
79	S	Terphenyl-d14	80.000	83.219	-4.0	109	-0.01
80		Butylbenzylphthalate	40.000	42.873	-7.2	119	-0.02
81		Benzo(a)anthracene	40.000	39.905	0.2	118	-0.01
82		3,3'-Dichlorobenzidine	40.000	38.750	3.1	115	-0.01
83		Chrysene	40.000	39.487	1.3	117	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	43.607	-9.0	120	-0.01
85	c	Di-n-octyl phthalate	40.000	43.719	-9.3	126	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	122	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	40.924	-2.3	125	-0.02
88		Benzo(b)fluoranthene	40.000	39.820	0.4	121	-0.02
89		Benzo(k)fluoranthene	40.000	38.728	3.2	119	-0.02
90	C	Benzo(a)pyrene	40.000	40.414	-1.0	123	-0.02
91		Dibenzo(a,h)anthracene	40.000	40.853	-2.1	125	-0.04
92		Benzo(g,h,i)perylene	40.000	40.712	-1.8	125	-0.03

Sample Results: **BM050429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050429.D
Acq On : 14 Jul 2025 16:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025121.D**

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date/Time: 07/14/2025 15:36

Lab File ID: BP025121.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.125		-0.4	
Benzaldehyde	0.769	0.755		-1.8	
Phenol-d6	1.473	1.478		0.3	
Phenol	1.497	1.478		-1.3	20.0
bis(2-Chloroethyl)ether	1.152	1.122		-2.6	
2-Chlorophenol	1.263	1.279		1.3	
2-Methylphenol	0.964	0.983		2.0	
2,2-oxybis(1-Chloropropane)	1.498	1.393		-7.0	
Acetophenone	0.473	0.457		-3.4	
3+4-Methylphenols	1.350	1.378		2.1	
n-Nitroso-di-n-propylamine	0.874	0.865	0.050	-1.0	
Nitrobenzene-d5	0.301	0.310		3.0	
Hexachloroethane	0.466	0.484		3.9	
Nitrobenzene	0.306	0.313		2.3	
Isophorone	0.562	0.563		0.2	
2-Nitrophenol	0.128	0.162		26.6	20.0
2,4-Dimethylphenol	0.210	0.210		0.0	
bis(2-Chloroethoxy)methane	0.382	0.377		-1.3	
2,4-Dichlorophenol	0.291	0.304		4.5	20.0
Naphthalene	1.030	1.009		-2.0	
4-Chloroaniline	0.384	0.382		-0.5	
Hexachlorobutadiene	0.185	0.191		3.2	20.0
Caprolactam	0.099	0.099		0.0	
4-Chloro-3-methylphenol	0.304	0.316		3.9	20.0
2-Methylnaphthalene	0.727	0.721		-0.8	
Hexachlorocyclopentadiene	0.150	0.177	0.050	18.0	
2,4,6-Trichlorophenol	0.348	0.382		9.8	20.0
2-Fluorobiphenyl	1.291	1.270		-1.6	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.455	1.436		-1.3	
2-Chloronaphthalene	1.094	1.091		-0.3	
2-Nitroaniline	0.237	0.274		15.6	
Dimethylphthalate	1.400	1.391		-0.6	
Acenaphthylene	1.674	1.692		1.1	
2,6-Dinitrotoluene	0.273	0.302		10.6	
3-Nitroaniline	0.293	0.327		11.6	
Acenaphthene	1.079	1.059		-1.9	20.0
2,4-Dinitrophenol	0.114	0.138	0.050	21.1	
4-Nitrophenol	0.270	0.286	0.050	5.9	

Raw Data: **BP025121.D**

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: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date/Time: 07/14/2025 15:36

Lab File ID: BP025121.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.754		-1.5	
2,4-Dinitrotoluene	0.356	0.417		17.1	
Diethylphthalate	1.406	1.429		1.6	
4-Chlorophenyl-phenylether	0.682	0.682		0.0	
Fluorene	1.377	1.369		-0.6	
4-Nitroaniline	0.307	0.337		9.8	
4,6-Dinitro-2-methylphenol	0.082	0.098		19.5	
n-Nitrosodiphenylamine	0.572	0.575		0.5	20.0
2,4,6-Tribromophenol	0.236	0.267		13.1	
4-Bromophenyl-phenylether	0.205	0.215		4.9	
Hexachlorobenzene	0.250	0.254		1.6	
Atrazine	0.168	0.150		-10.7	
Pentachlorophenol	0.169	0.187		10.7	20.0
Phenanthrene	1.069	1.053		-1.5	
Anthracene	1.025	1.012		-1.3	
Carbazole	1.002	0.986		-1.6	
Di-n-butylphthalate	1.116	1.218		9.1	
Fluoranthene	1.249	1.251		0.2	20.0
Pyrene	1.239	1.251		1.0	
Terphenyl-d14	0.910	0.915		0.5	
Butylbenzylphthalate	0.402	0.518		28.9	
3,3-Dichlorobenzidine	0.365	0.418		14.5	
Benzo(a)anthracene	1.212	1.203		-0.7	
Chrysene	1.166	1.150		-1.4	
Bis(2-ethylhexyl)phthalate	0.650	0.766		17.8	
Di-n-octyl phthalate	1.054	1.279		21.3	20.0
Benzo(b)fluoranthene	1.164	1.179		1.3	
Benzo(k)fluoranthene	1.158	1.129		-2.5	
Benzo(a)pyrene	0.991	1.024		3.3	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.315		3.2	
Dibenzo(a,h)anthracene	1.053	1.085		3.0	
Benzo(g,h,i)perylene	1.088	1.106		1.7	
1,2,4,5-Tetrachlorobenzene	0.575	0.590		2.6	
1,4-Dioxane	0.439	0.407		-7.3	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.390		9.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	502754	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2056763	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1334831	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	2722796	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2822672	20.000	ng		0.00
86) Perylene-d12	24.465	264	3067857	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2261684	79.708	ng		0.00
7) Phenol-d6	6.631	99	2973046	80.291	ng		0.00
23) Nitrobenzene-d5	8.566	82	2551891	82.515	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1427612	90.534	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	6782810	78.719	ng		0.00
79) Terphenyl-d14	19.666	244	10335998	80.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	409185	37.085	ng		98
3) Pyridine	3.490	79	1159441	38.382	ng		98
4) n-Nitrosodimethylamine	3.408	42	491247	38.408	ng		98
6) Aniline	6.778	93	1364558	39.442	ng		99
8) 2-Chlorophenol	7.013	128	1286002	40.508	ng		100
9) Benzaldehyde	6.596	77	759496m	39.275	ng		
10) Phenol	6.655	94	1486557	39.511	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	1128151	38.961	ng		99
12) 1,3-Dichlorobenzene	7.331	146	1397825	39.341	ng		99
13) 1,4-Dichlorobenzene	7.472	146	1420797	39.496	ng		99
14) 1,2-Dichlorobenzene	7.778	146	1364695	39.436	ng		99
15) Benzyl Alcohol	7.672	79	1032256	41.768	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1400946	37.210	ng		98
17) 2-Methylphenol	7.872	107	988709	40.796	ng		98
18) Hexachloroethane	8.496	117	486776	41.537	ng		98
19) n-Nitroso-di-n-propyla...	8.237	70	870063	39.621	ng		98
20) 3+4-Methylphenols	8.196	107	1385522	40.815	ng		99
22) Acetophenone	8.237	105	1878880	38.627	ng	#	98
24) Nitrobenzene	8.607	77	1285487	40.808	ng		97
25) Isophorone	9.137	82	2314712	40.050	ng		99
26) 2-Nitrophenol	9.307	139	666782	43.921	ng		99
27) 2,4-Dimethylphenol	9.384	122	865711	40.155	ng		97
28) bis(2-Chloroethoxy)met...	9.619	93	1550842	39.519	ng		99
29) 2,4-Dichlorophenol	9.843	162	1250330	41.824	ng		99
30) 1,2,4-Trichlorobenzene	10.054	180	1333112	40.269	ng		97
31) Naphthalene	10.231	128	4151146	39.196	ng		100
32) Benzoic acid	9.519	122	894883	42.382	ng		98
33) 4-Chloroaniline	10.337	127	1572994	39.799	ng		99
34) Hexachlorobutadiene	10.537	225	784659	41.302	ng		99
35) Caprolactam	11.113	113	406951	39.792	ng		95
36) 4-Chloro-3-methylphenol	11.478	107	1300632	41.633	ng		99
37) 2-Methylnaphthalene	11.854	142	2965957	39.691	ng		99
38) 1-Methylnaphthalene	12.078	142	2864243	39.302	ng		99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1575376	41.065	ng		99
41) Hexachlorocyclopentadiene	12.225	237	471342	47.038	ng		100
43) 2,4,6-Trichlorophenol	12.478	196	1020303	43.923	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1130131	42.929	ng	98
46) 1,1'-Biphenyl	12.901	154	3833123	39.468	ng	99
47) 2-Chloronaphthalene	12.931	162	2911323	39.883	ng	99
48) 2-Nitroaniline	13.137	65	731933	41.340	ng	97
49) Acenaphthylene	13.801	152	4517181	40.432	ng	99
50) Dimethylphthalate	13.548	163	3713718	39.745	ng	99
51) 2,6-Dinitrotoluene	13.654	165	806527	44.258	ng	98
52) Acenaphthene	14.154	154	2827846	39.270	ng	99
53) 3-Nitroaniline	13.984	138	872268	44.664	ng	100
54) 2,4-Dinitrophenol	14.201	184	369050	44.033	ng	96
55) Dibenzofuran	14.501	168	4681748	39.396	ng	99
56) 4-Nitrophenol	14.307	139	763382	42.357	ng	99
57) 2,4-Dinitrotoluene	14.466	165	1112622	41.952	ng	92
58) Fluorene	15.166	166	3653508	39.747	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1041132	43.672	ng	98
60) Diethylphthalate	14.960	149	3815592	40.657	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1819787	40.005	ng	99
62) 4-Nitroaniline	15.184	138	900360	43.967	ng	99
63) Azobenzene	15.478	77	3264874	39.068	ng	98
65) 4,6-Dinitro-2-methylph...	15.248	198	532095	43.532	ng	99
66) n-Nitrosodiphenylamine	15.389	169	3128651	40.151	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1171374	42.017	ng	98
68) Hexachlorobenzene	16.195	284	1384944	40.644	ng	98
69) Atrazine	16.384	200	814704	35.680	ng	100
70) Pentachlorophenol	16.554	266	1019198	44.288	ng	99
71) Phenanthrene	16.954	178	5735668	39.423	ng	100
72) Anthracene	17.042	178	5509348	39.471	ng	100
73) Carbazole	17.331	167	5370841	39.354	ng	100
74) Di-n-butylphthalate	17.960	149	6634771	43.657	ng	100
75) Fluoranthene	19.054	202	6811449	40.052	ng	100
77) Benzidine	19.260	184	2041181	40.945	ng	99
78) Pyrene	19.430	202	7061019	40.388	ng	100
80) Butylbenzylphthalate	20.424	149	2925760	43.786	ng	100
81) Benzo(a)anthracene	21.324	228	6793208	39.713	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	2360253	45.835	ng	98
83) Chrysene	21.389	228	6490523	39.428	ng	99
84) Bis(2-ethylhexyl)phtha...	21.313	149	4322945	47.115	ng	100
85) Di-n-octyl phthalate	22.530	149	7222069	43.571	ng	98
87) Indeno(1,2,3-cd)pyrene	27.995	276	8071349m	41.298	ng	
88) Benzo(b)fluoranthene	23.489	252	7236993	40.529	ng	99
89) Benzo(k)fluoranthene	23.554	252	6929129	39.000	ng	99
90) Benzo(a)pyrene	24.324	252	6280457	41.325	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	6658419	41.216	ng	99
92) Benzo(g,h,i)perylene	29.077	276	6785112	40.657	ng	99

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

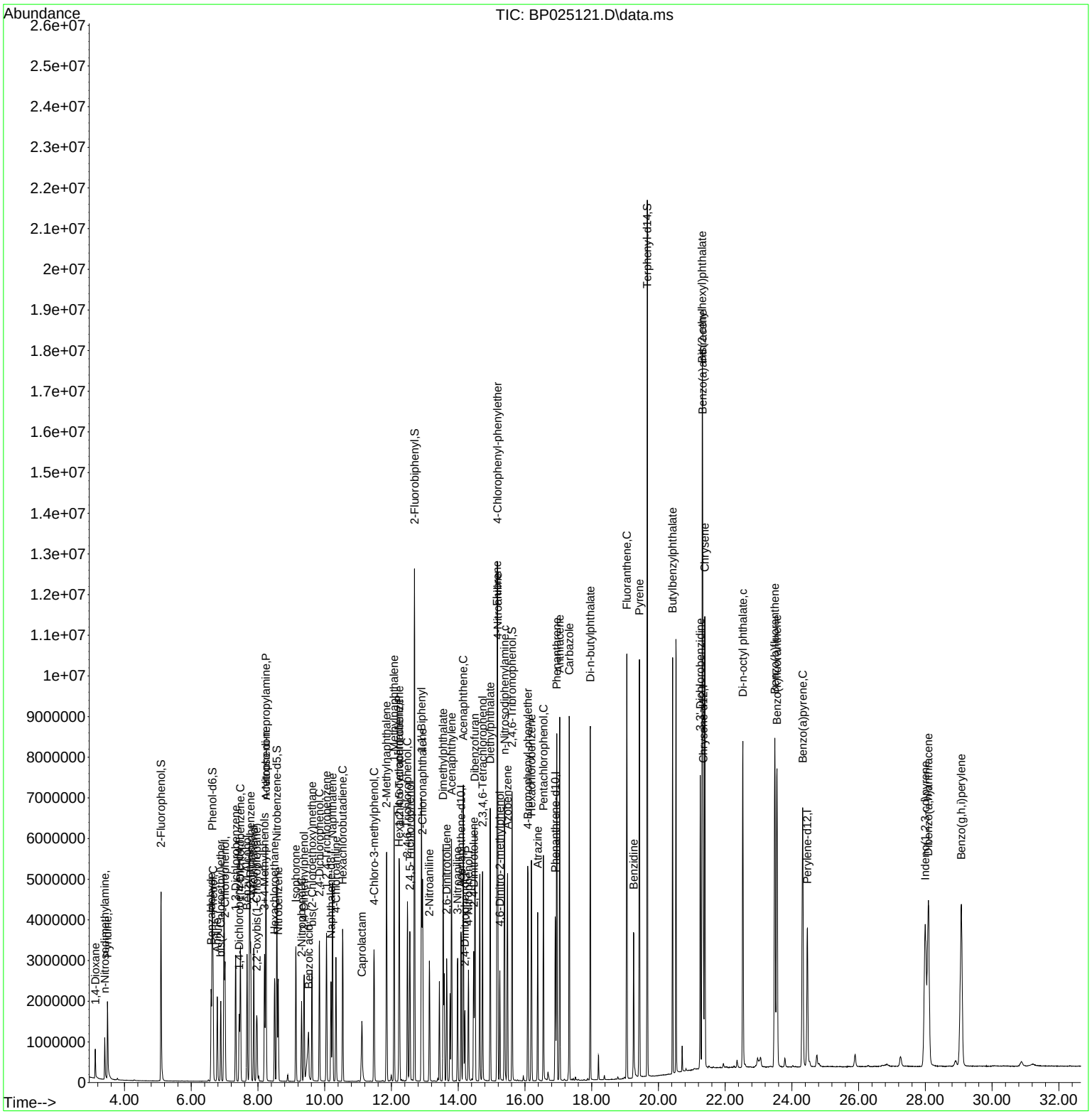
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

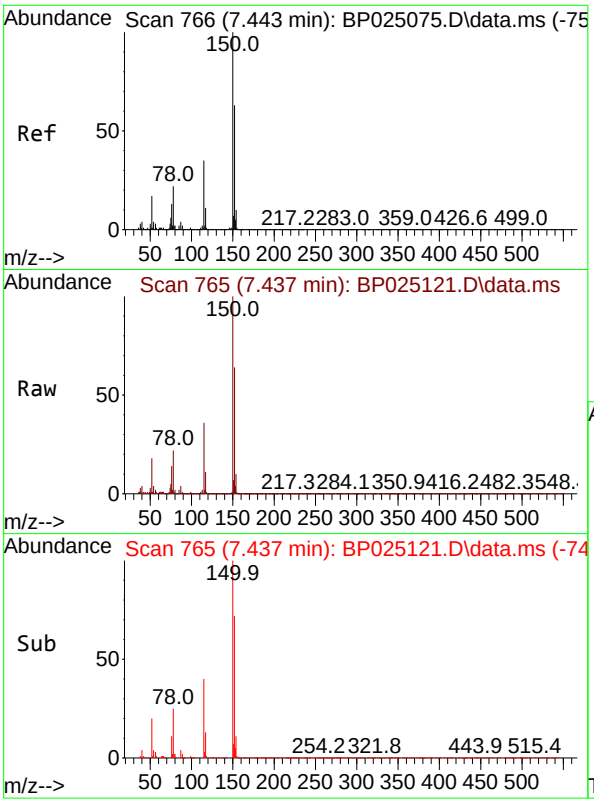
Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

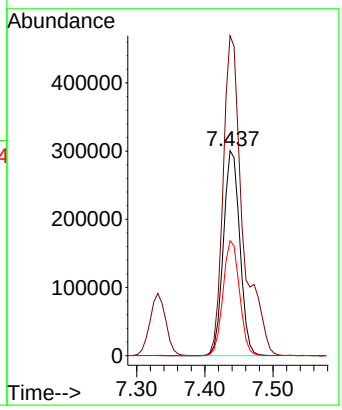




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:152 Resp: 50275

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	56.0	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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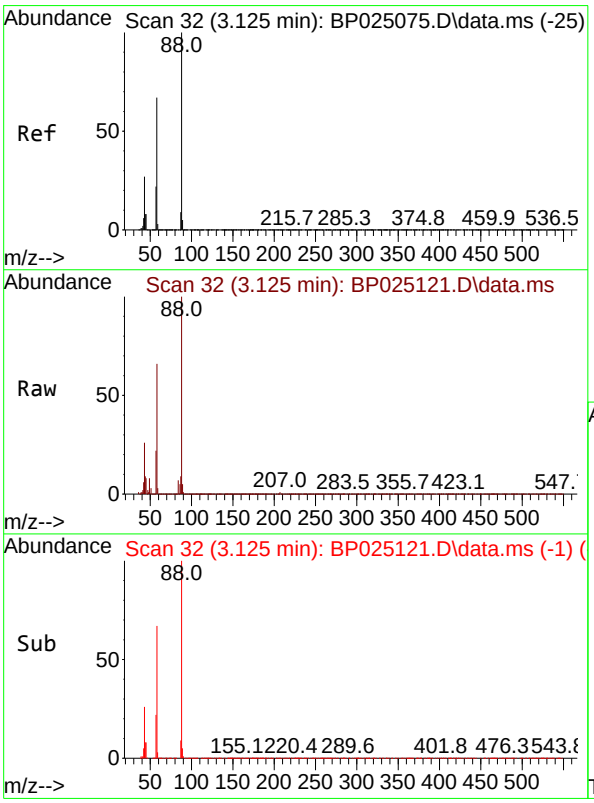
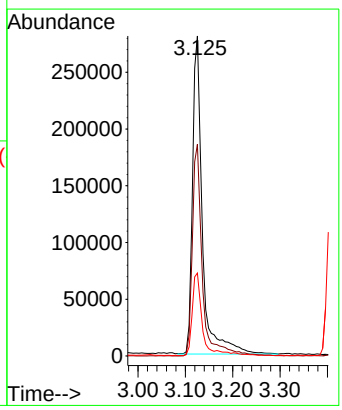
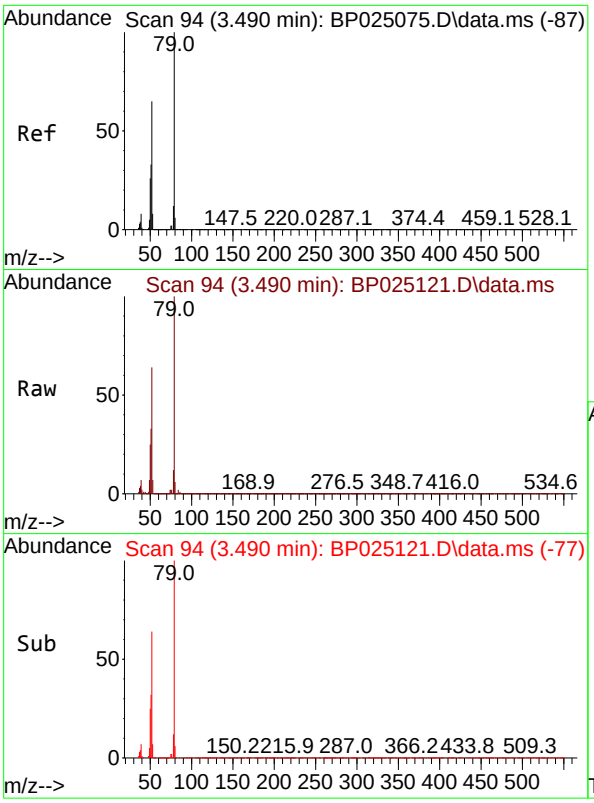


#2
1,4-Dioxane
Concen: 37.085 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 88 Resp: 409185

Ion	Ratio	Lower	Upper
88	100		
58	67.2	55.0	82.4
43	26.6	21.9	32.9

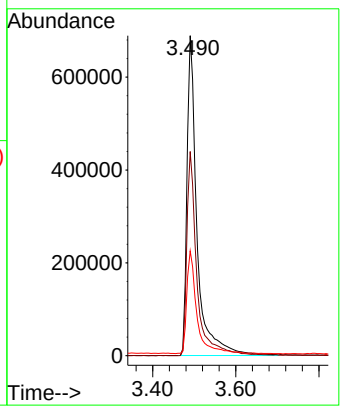




#3
Pyridine
Concen: 38.382 ng
RT: 3.490 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 79 Resp: 115944

Ion	Ratio	Lower	Upper
79	100		
52	63.8	52.2	78.4
51	32.8	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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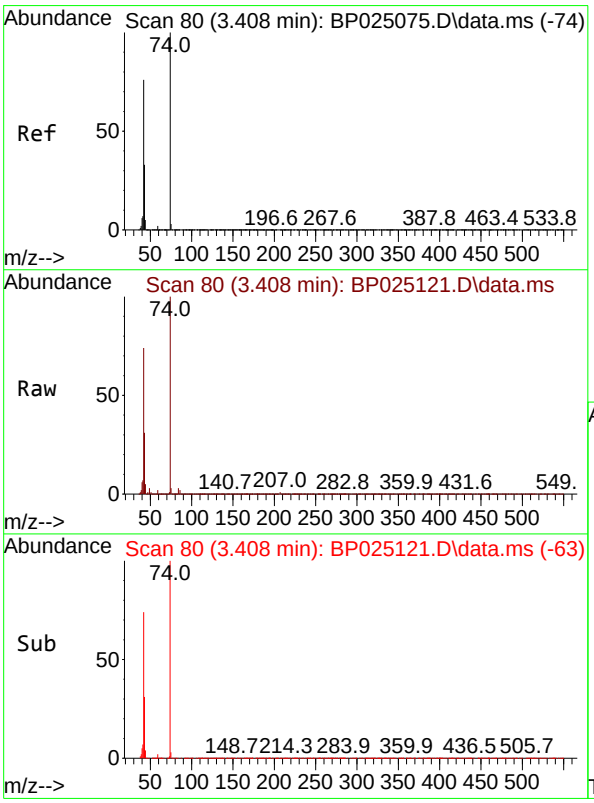
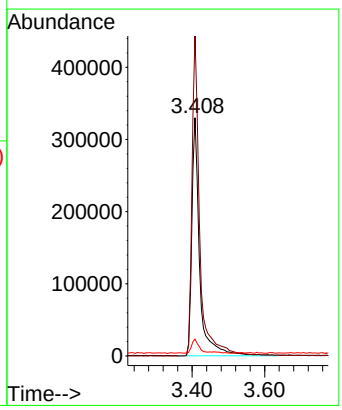
Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

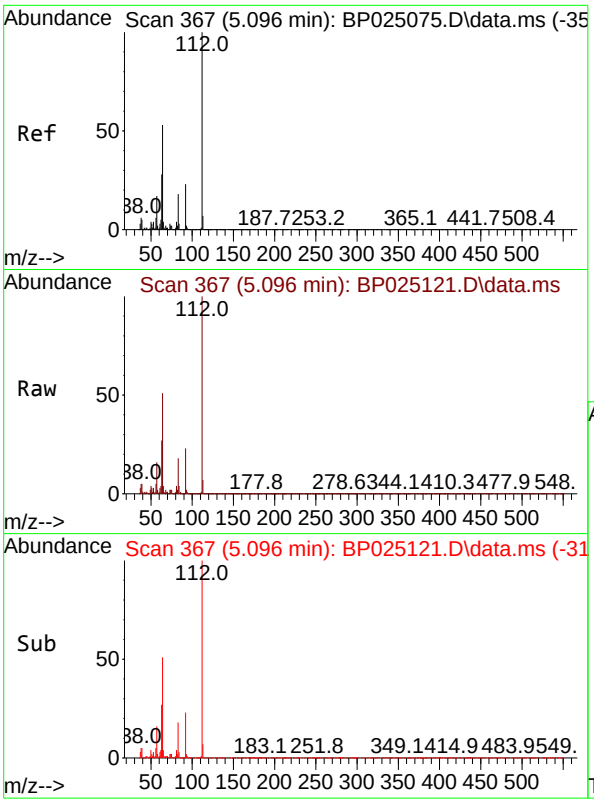


#4
n-Nitrosodimethylamine
Concen: 38.408 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 42 Resp: 491247

Ion	Ratio	Lower	Upper
42	100		
74	134.4	105.2	157.8
44	7.0	6.6	9.8





#5
2-Fluorophenol
Concen: 79.708 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:112 Resp: 226168

Ion	Ratio	Lower	Upper
112	100		
64	51.0	42.0	63.0
63	27.3	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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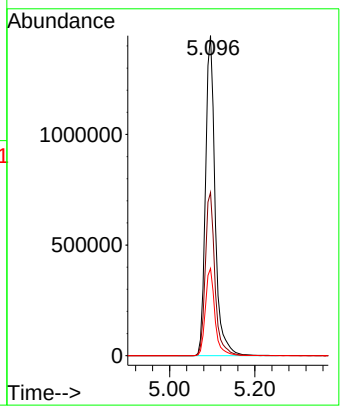
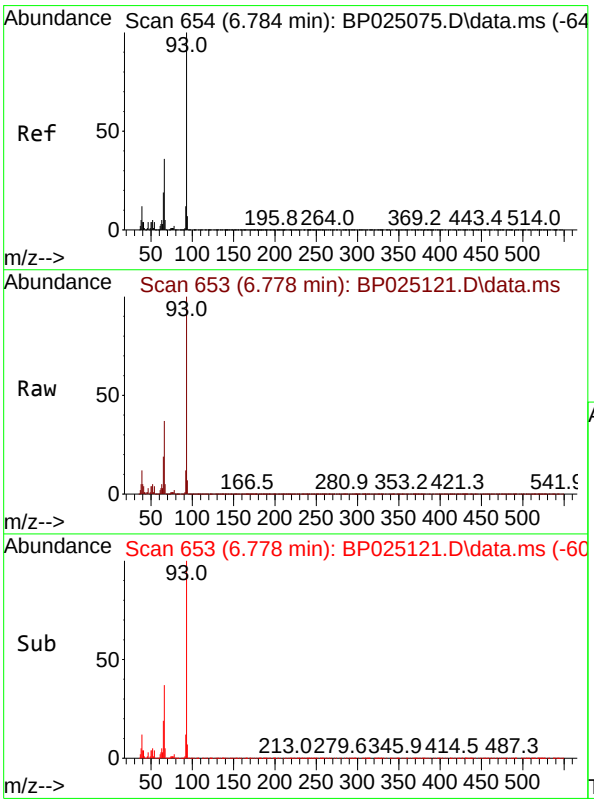
Supervised By :Jagrut Upadhyay 07/15/2025

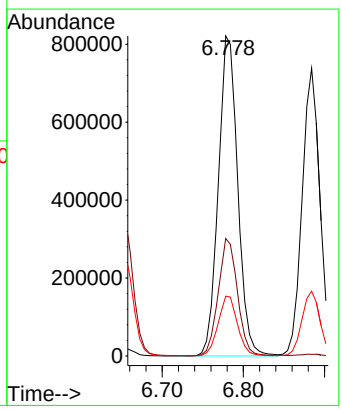


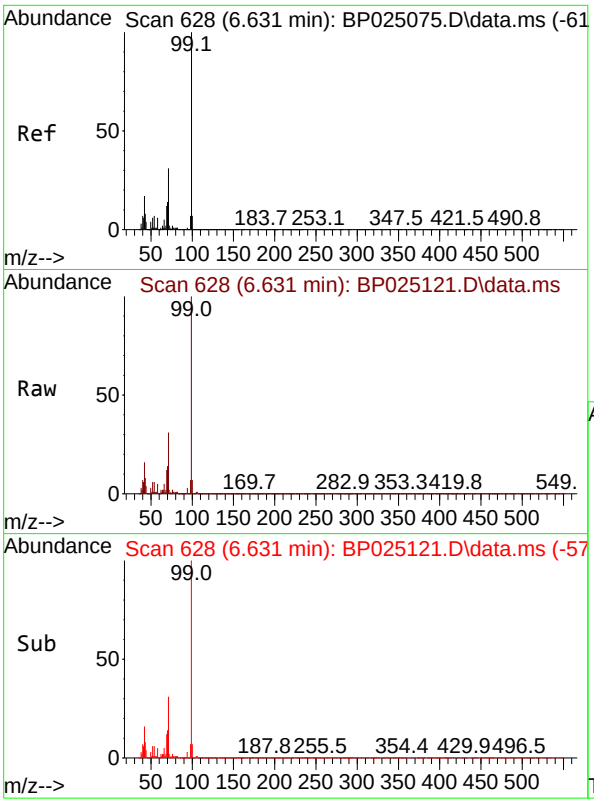


#6
Aniline
Concen: 39.442 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 93 Resp: 1364558

Ion	Ratio	Lower	Upper
93	100		
66	36.7	28.9	43.3
65	18.7	15.2	22.8

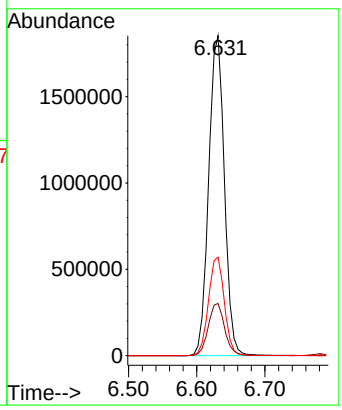




#7
Phenol-d6
Concen: 80.291 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 99 Resp: 297304

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.8	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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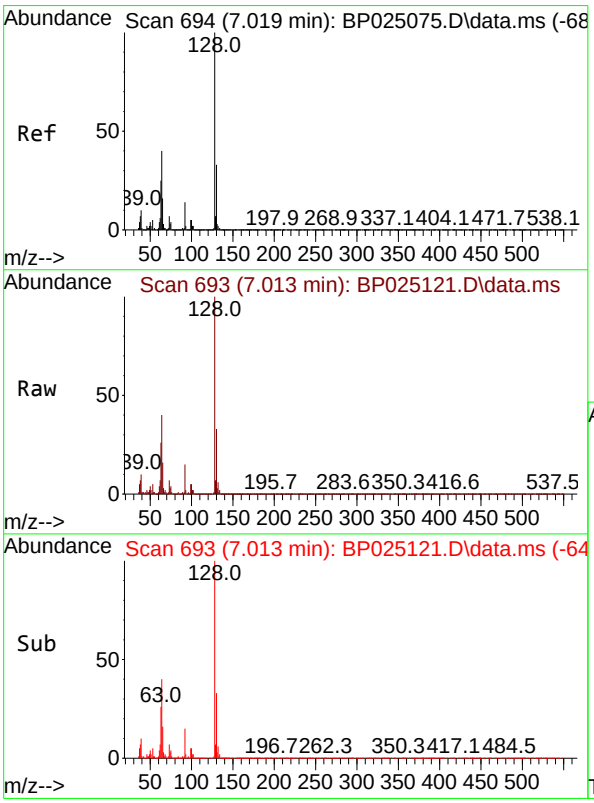
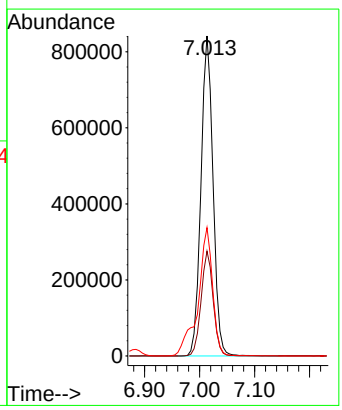
Supervised By :Jagrut Upadhyay 07/15/2025

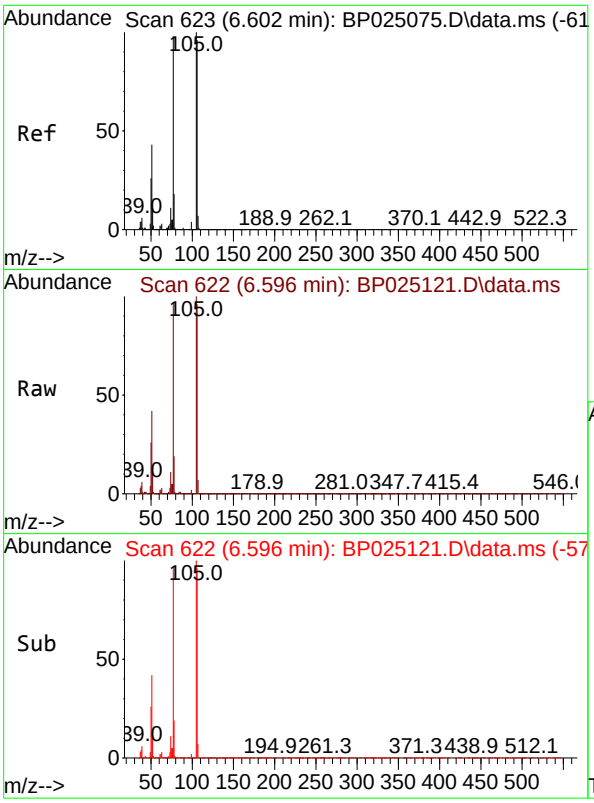


#8
2-Chlorophenol
Concen: 40.508 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:128 Resp: 1286002

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	40.1	20.3	60.3

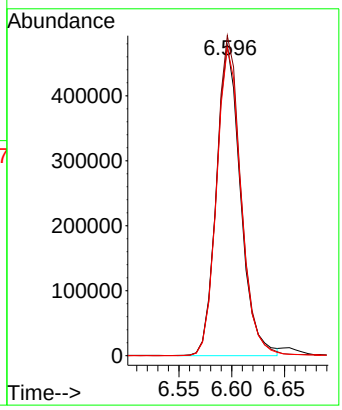




#9
Benzaldehyde
Concen: 39.275 ng m
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 77 Resp: 75949

Ion	Ratio	Lower	Upper
77	100		
105	103.1	82.4	122.4
106	99.3	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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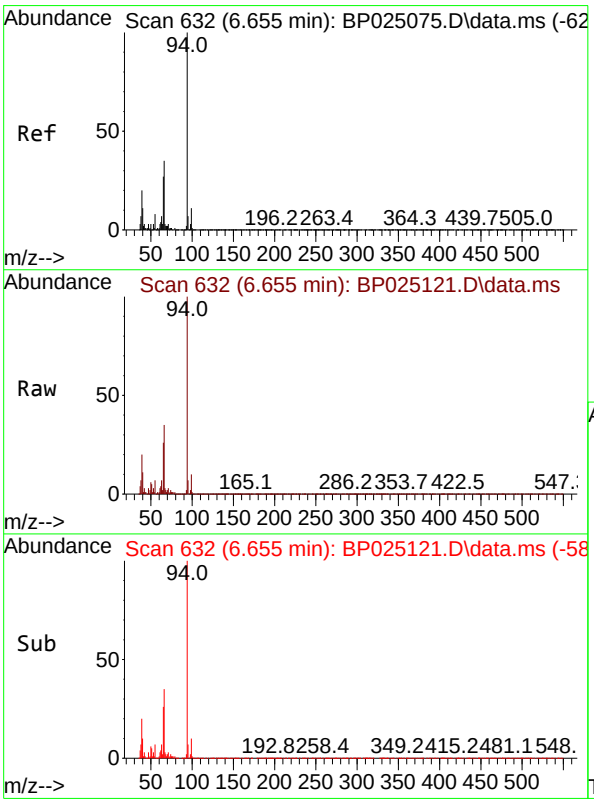
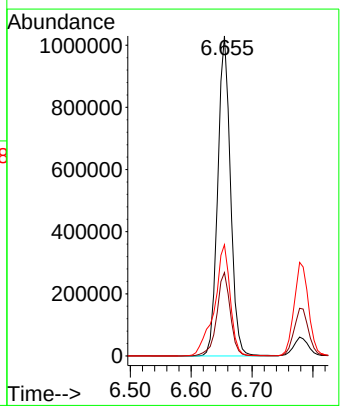
Supervised By :Jagrut Upadhyay 07/15/2025

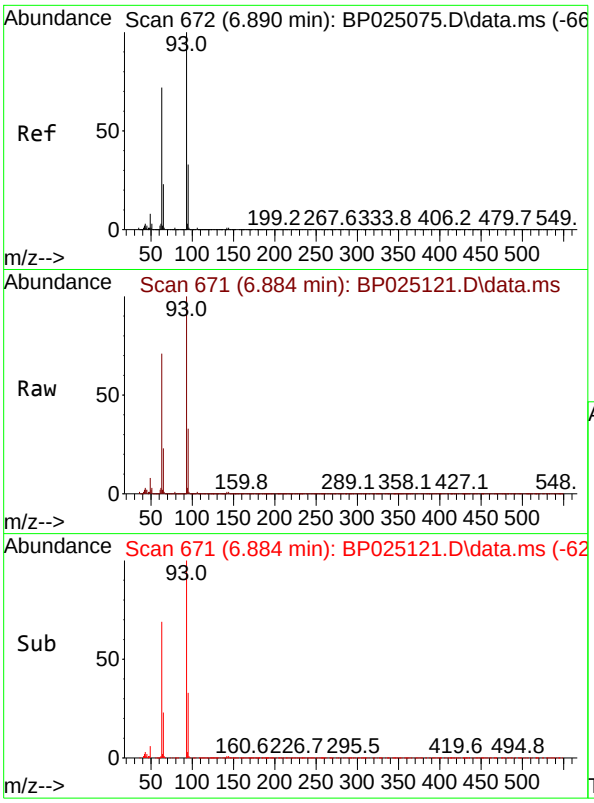


#10
Phenol
Concen: 39.511 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 94 Resp: 1486557

Ion	Ratio	Lower	Upper
94	100		
65	26.0	6.9	46.9
66	34.8	14.6	54.6

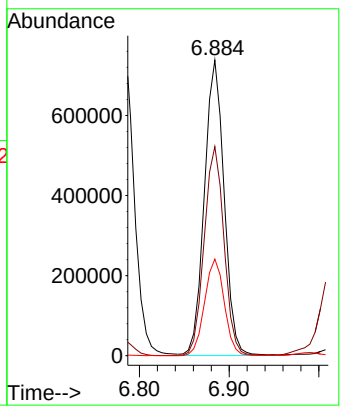




#11
bis(2-Chloroethyl)ether
Concen: 38.961 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 93 Resp: 112815

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.9	91.9
95	32.7	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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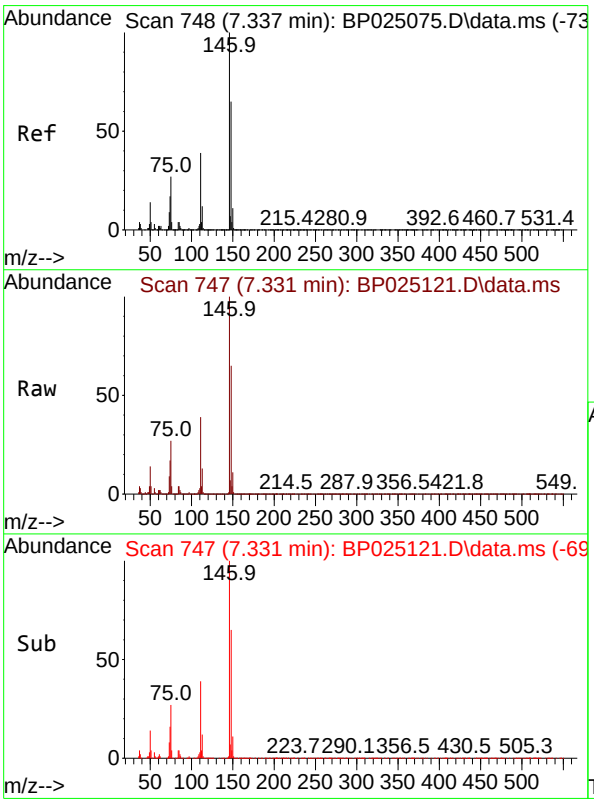
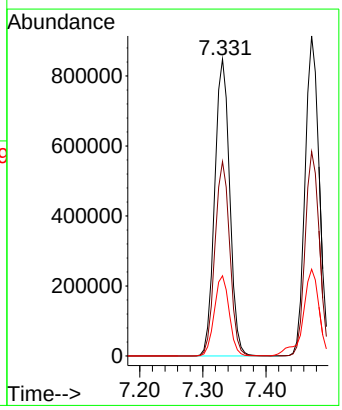
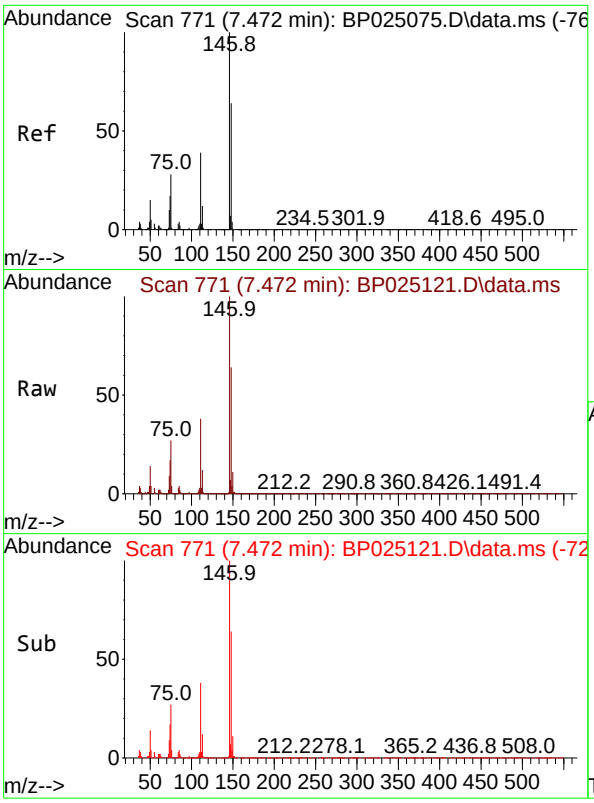


#12
1,3-Dichlorobenzene
Concen: 39.341 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:146 Resp: 1397825

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
75	27.0	21.8	32.6





#13
1,4-Dichlorobenzene
Concen: 39.496 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:146 Resp: 142079

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	37.5	31.2	46.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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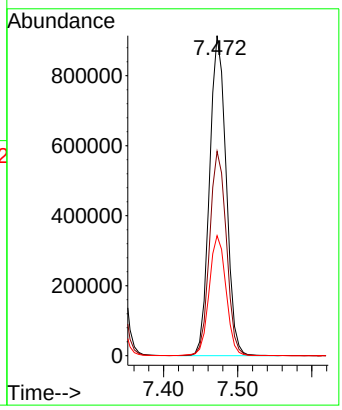
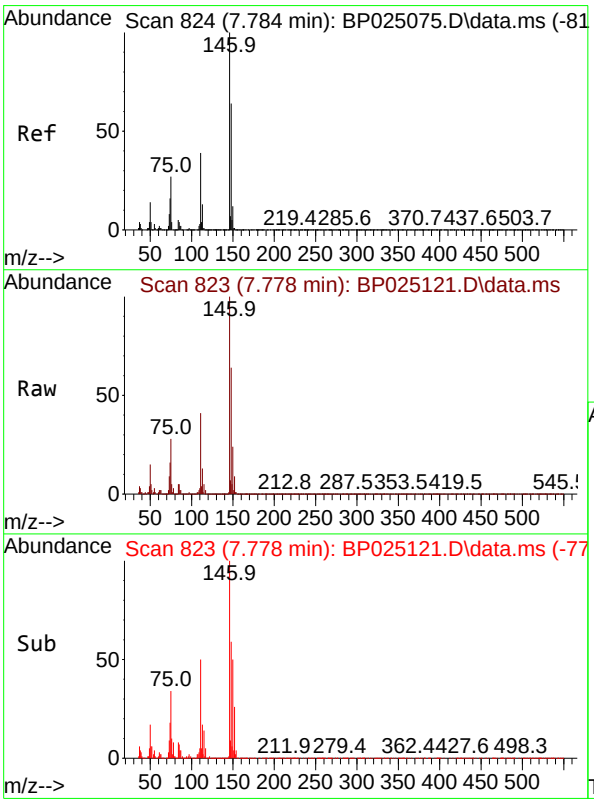
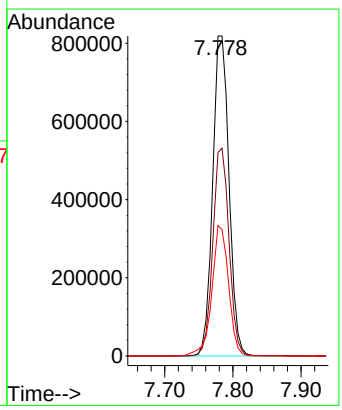


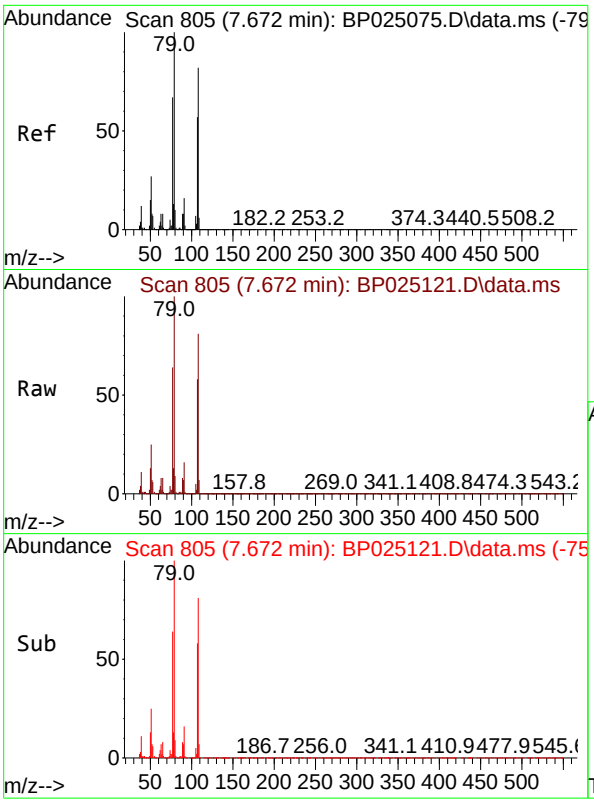


#14
1,2-Dichlorobenzene
Concen: 39.436 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:146 Resp: 1364695

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	40.8	31.2	46.8





#15
Benzyl Alcohol
Concen: 41.768 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 79 Resp: 103225(

Ion	Ratio	Lower	Upper
79	100		
108	80.9	66.0	99.0
77	63.8	53.4	80.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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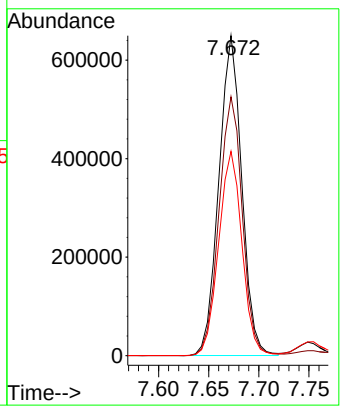
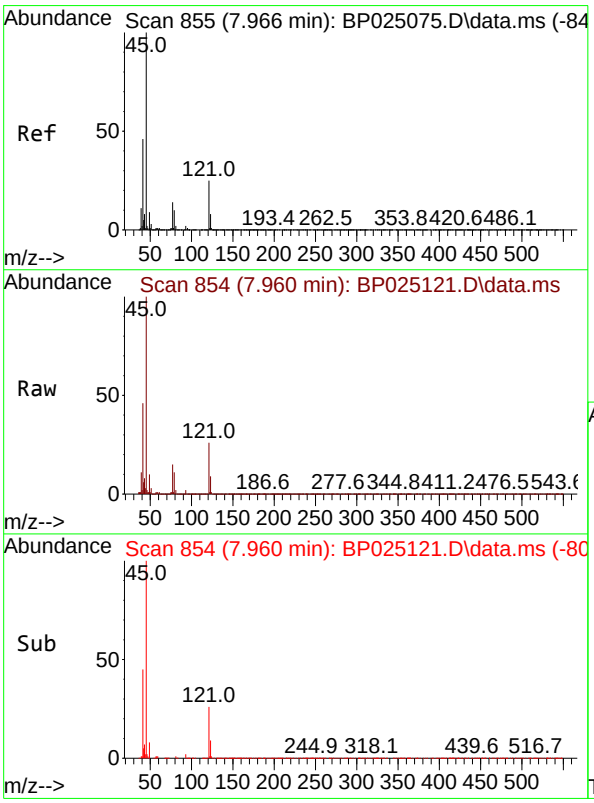
Supervised By :Jagrut Upadhyay 07/15/2025

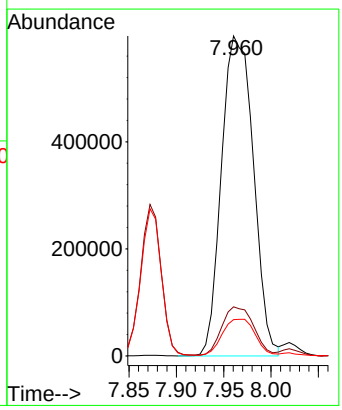


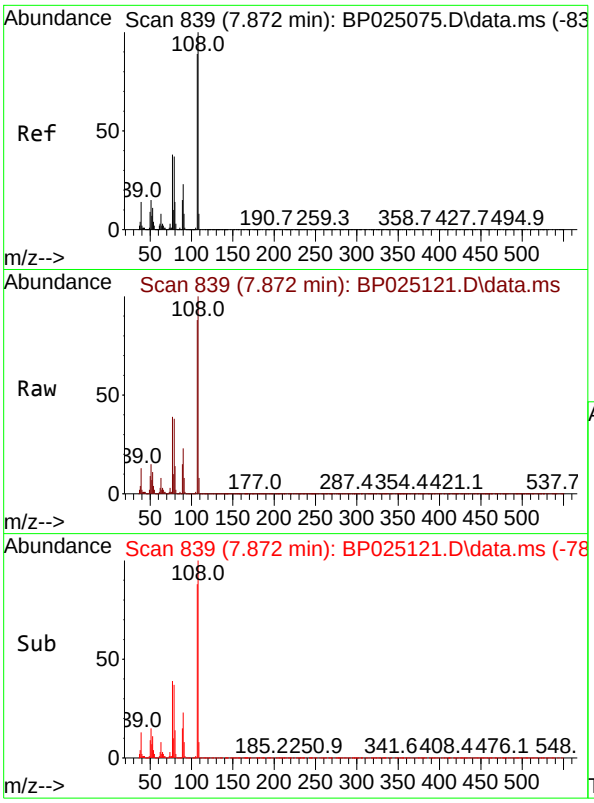


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.210 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 45 Resp: 1400946

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	11.4	0.0	30.7

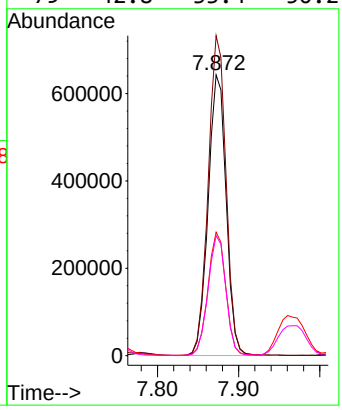




#17
2-Methylphenol
Concen: 40.796 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:107 Resp: 98870

Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.7	134.5
77	44.0	34.2	51.4
79	42.8	33.4	50.2



Instrument :
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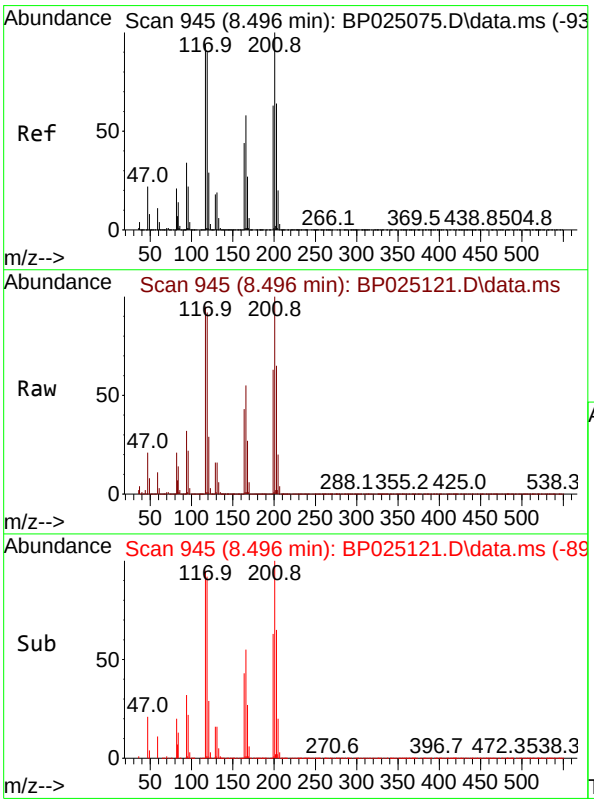
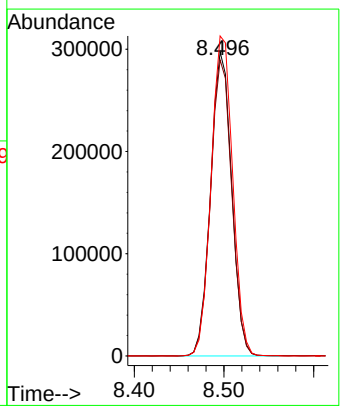
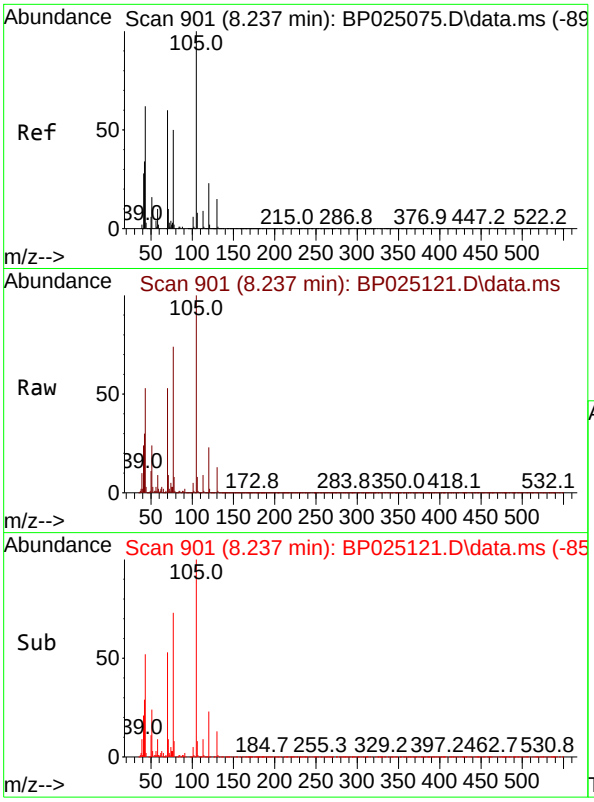


#18
Hexachloroethane
Concen: 41.537 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:117 Resp: 486776

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
201	105.3	85.4	128.2

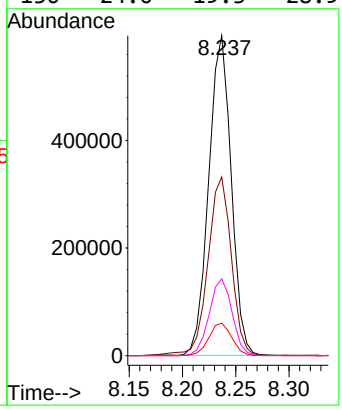




#19
n-Nitroso-di-n-propylamine
Concen: 39.621 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 70 Resp: 87006

Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.5	69.7
101	10.2	7.9	11.9
130	24.0	19.3	28.9



Instrument :
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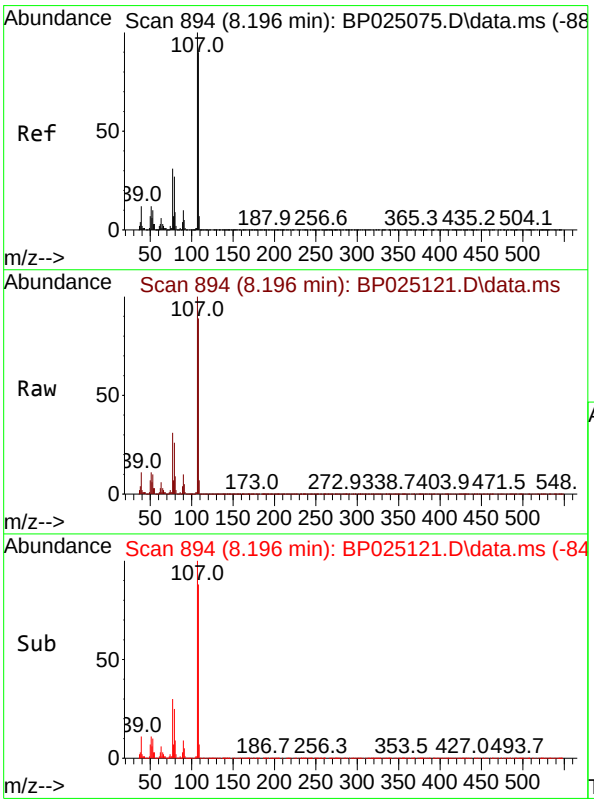
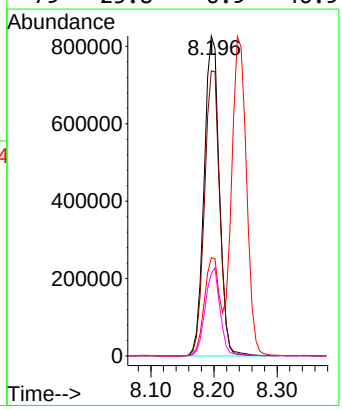
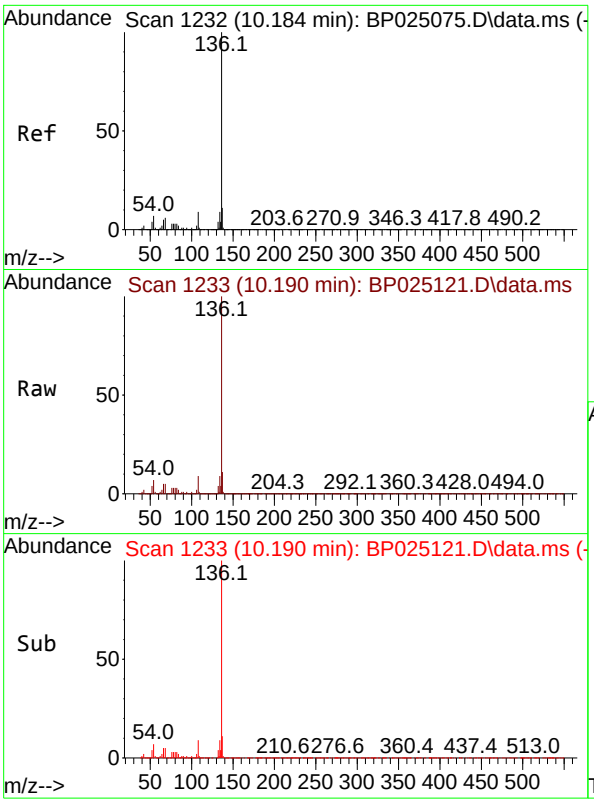


#20
3+4-Methylphenols
Concen: 40.815 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:107 Resp: 1385522

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.5	109.5
77	30.7	11.4	51.4
79	25.8	6.9	46.9

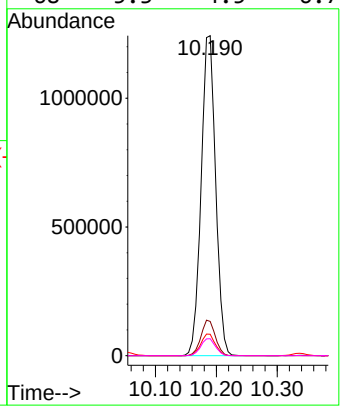




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:136 Resp: 205676

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	5.4	8.2
68	5.3	4.5	6.7



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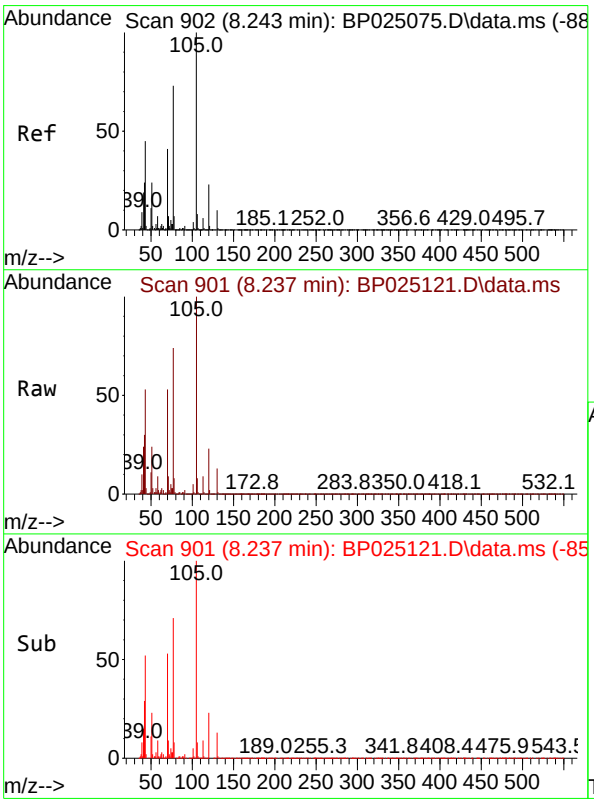
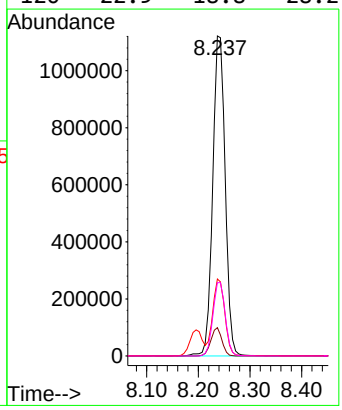
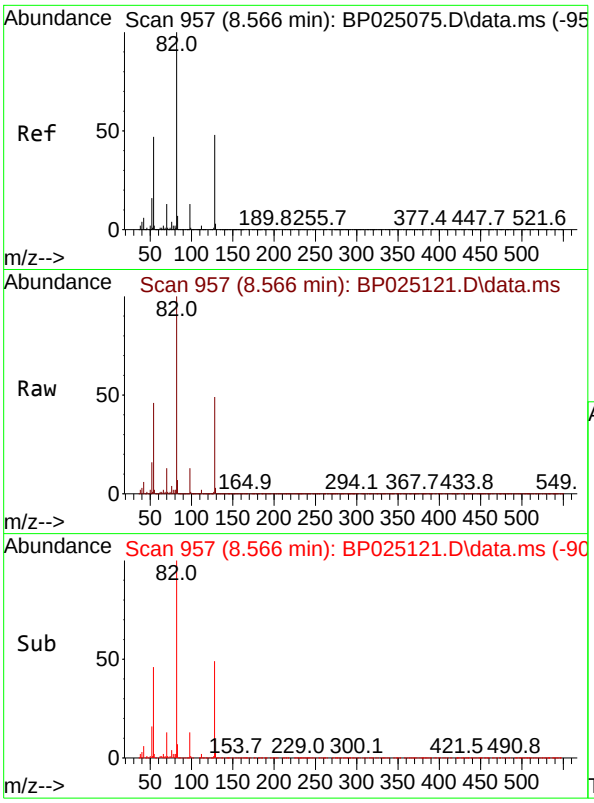


#22
Acetophenone
Concen: 38.627 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:105 Resp: 1878880

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.4	8.2#
51	24.1	19.6	29.4
120	22.9	18.8	28.2





#23
Nitrobenzene-d5
Concen: 82.515 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 82 Resp: 255189

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.4	57.6
54	46.2	37.8	56.6

Instrument :
BNA_P
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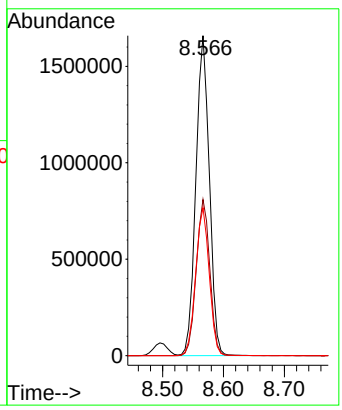
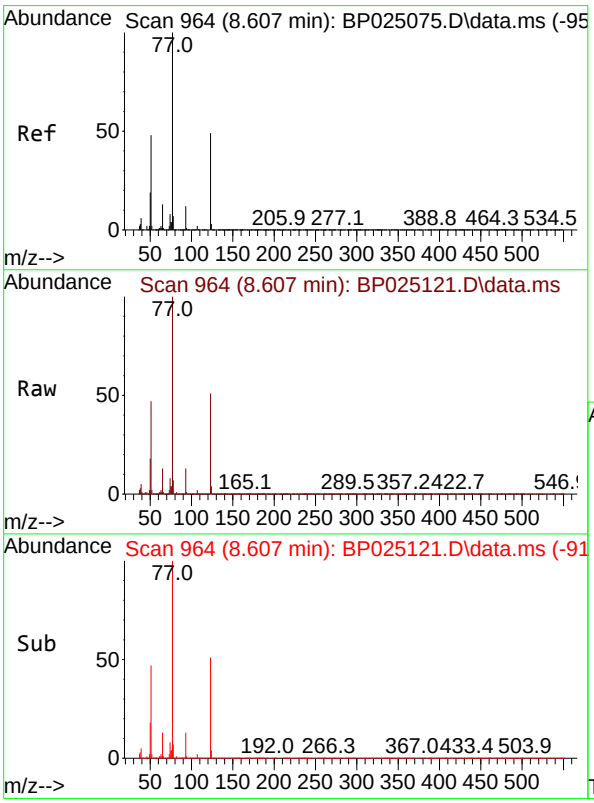
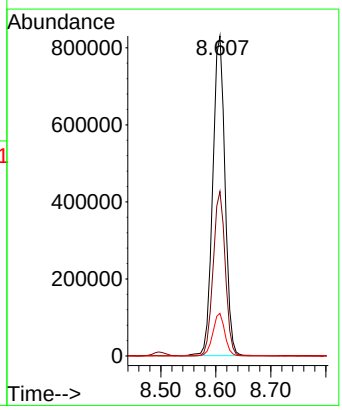


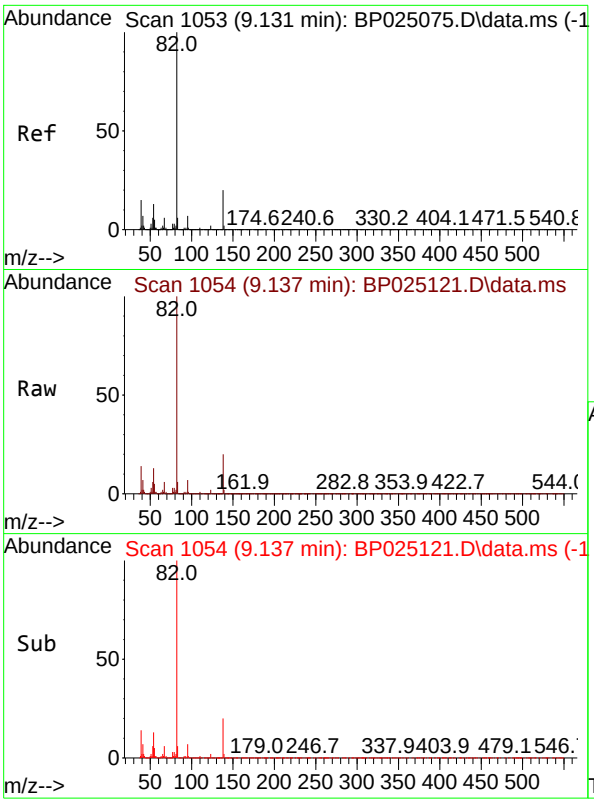


#24
Nitrobenzene
Concen: 40.808 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 77 Resp: 1285487

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	13.3	10.7	16.1





#25
Isophorone
Concen: 40.050 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 82 Resp: 231471

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	20.2	15.7	23.5

Instrument :
BNA_P
ClientSampleId :
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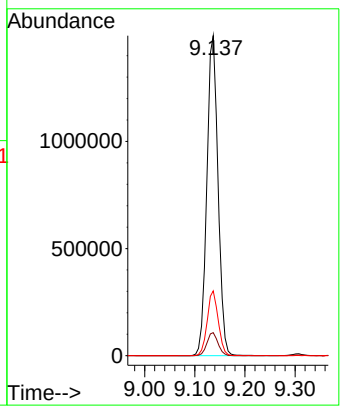
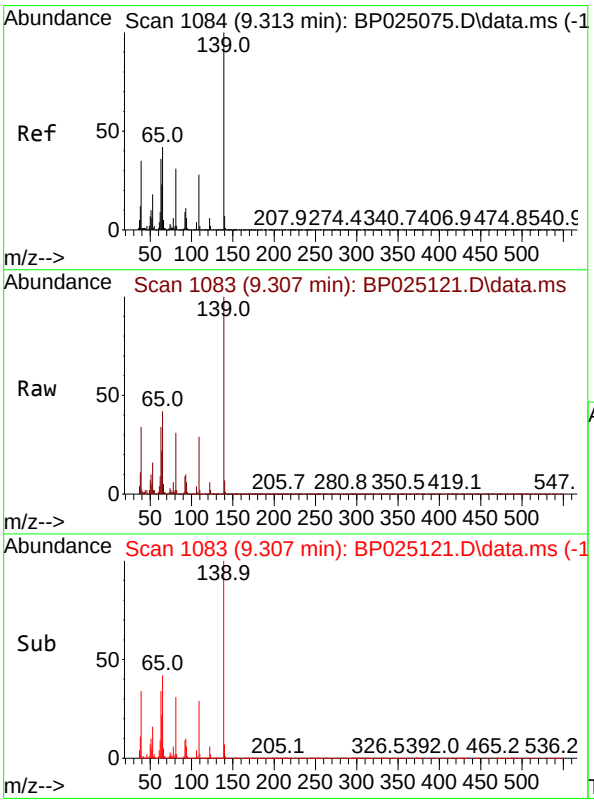
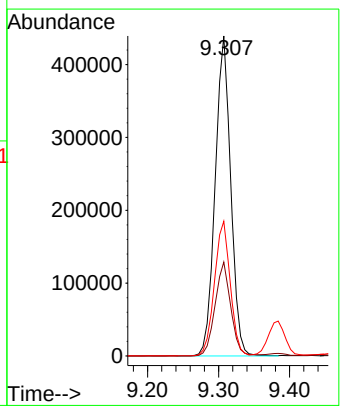


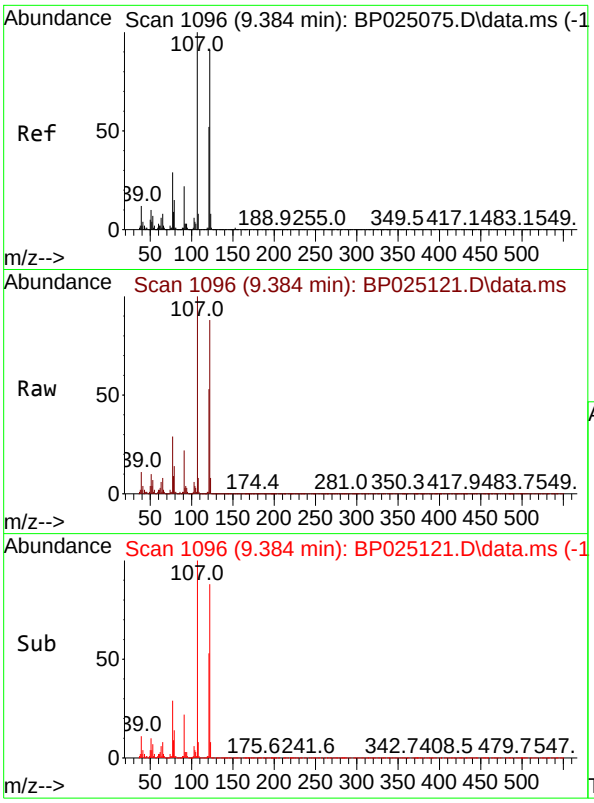


#26
2-Nitrophenol
Concen: 43.921 ng
RT: 9.307 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:139 Resp: 666782

Ion	Ratio	Lower	Upper
139	100		
109	29.3	22.3	33.5
65	42.1	33.8	50.8

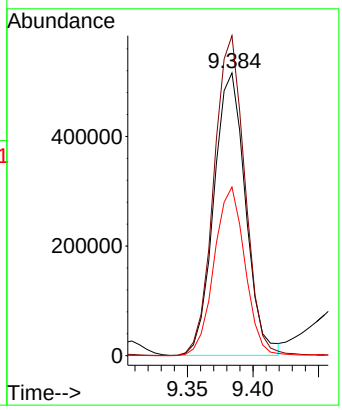




#27
2,4-Dimethylphenol
Concen: 40.155 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:122 Resp: 86571

Ion	Ratio	Lower	Upper
122	100		
107	113.2	88.2	132.2
121	59.6	46.1	69.1



Instrument :
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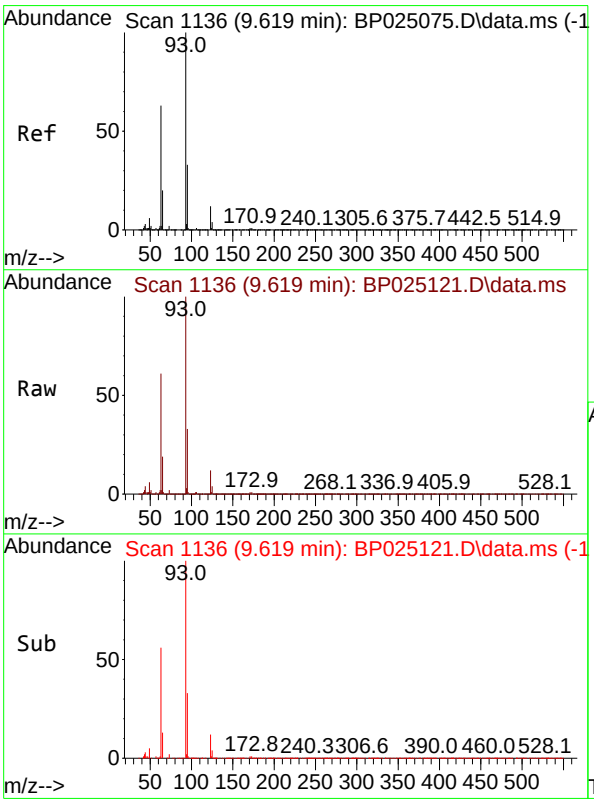
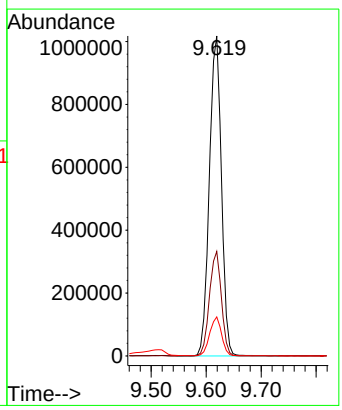
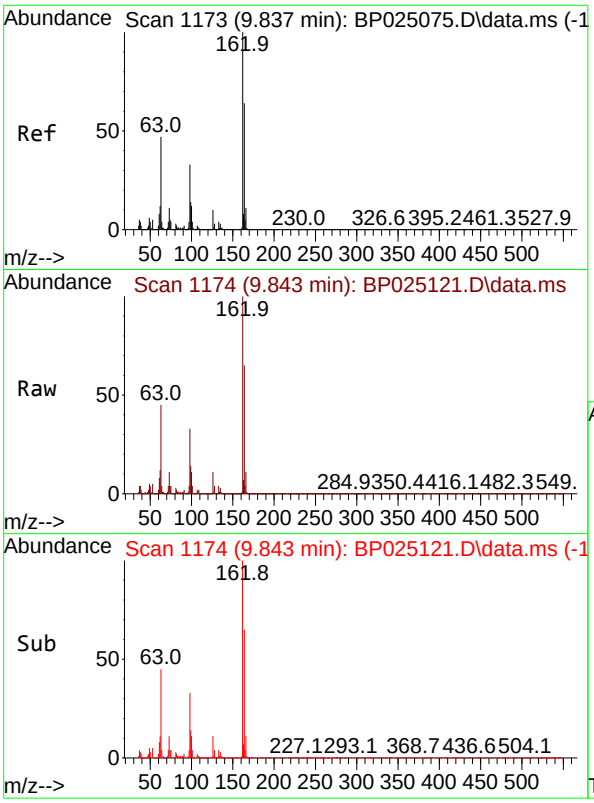


#28
bis(2-Chloroethoxy)methane
Concen: 39.519 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 93 Resp: 1550842

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.2	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 41.824 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:162 Resp: 125033

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.7	13.1	53.1

Instrument :
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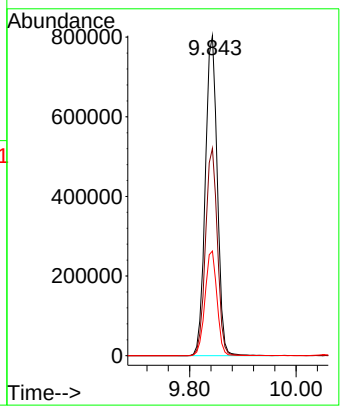
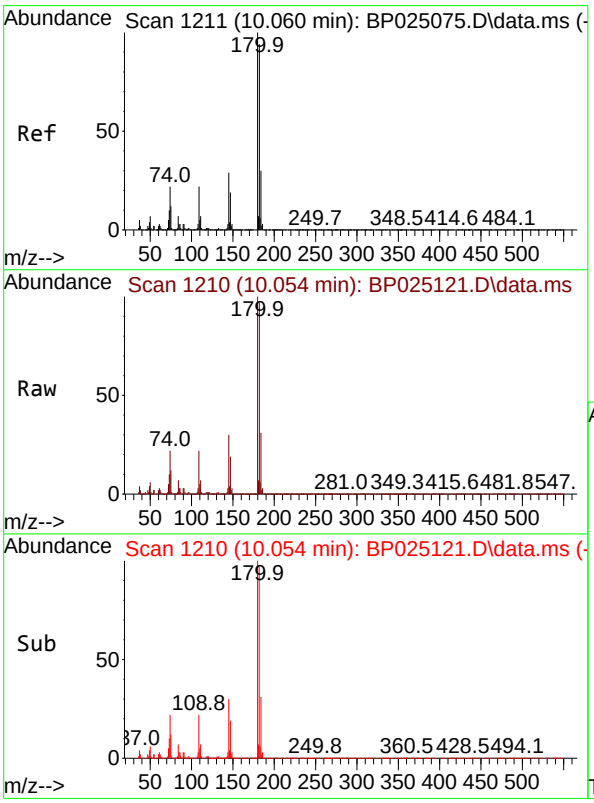
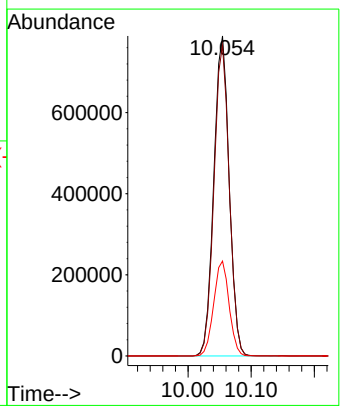


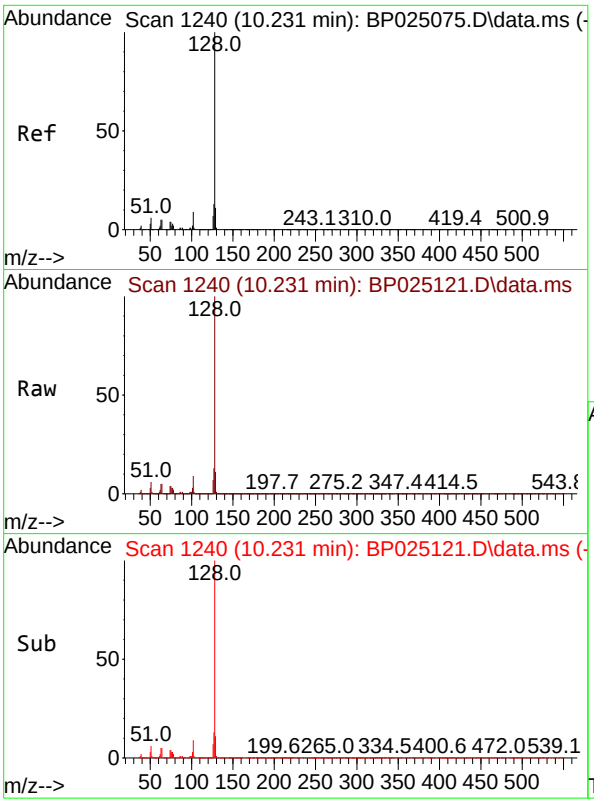


#30
1,2,4-Trichlorobenzene
Concen: 40.269 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:180 Resp: 1333112

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.6	23.3	34.9

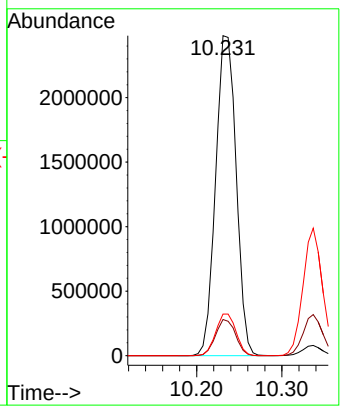




#31
Naphthalene
Concen: 39.196 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:128 Resp: 415114

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.0	10.4	15.6



Instrument :
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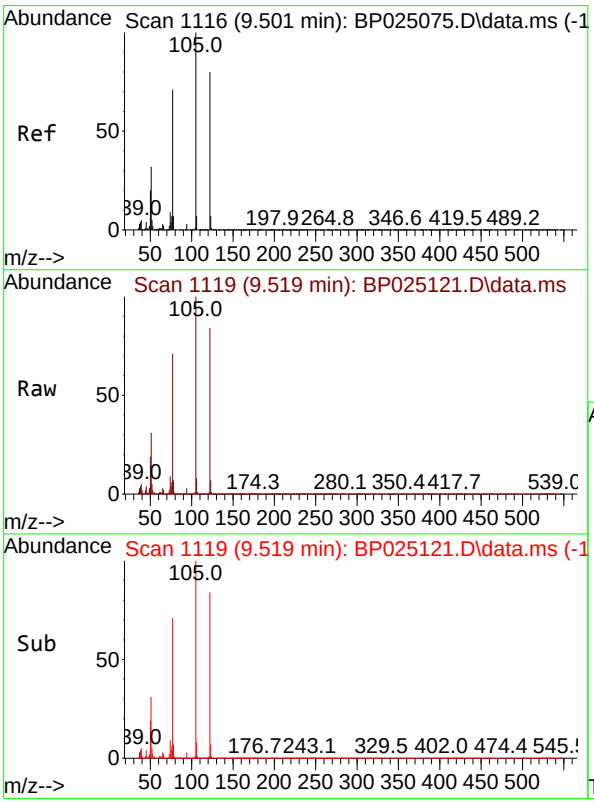
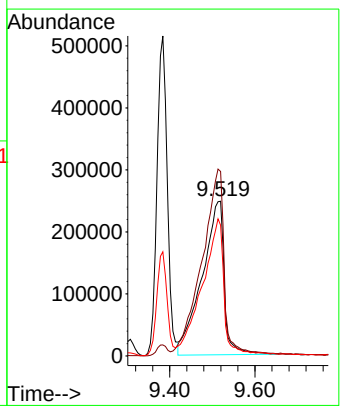
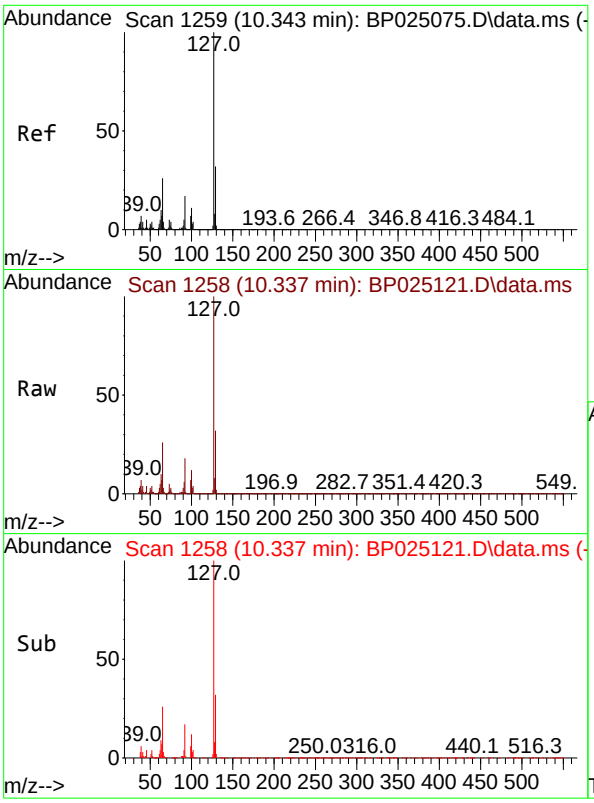


#32
Benzoic acid
Concen: 42.382 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.018 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:122 Resp: 894883

Ion	Ratio	Lower	Upper
122	100		
105	119.3	101.0	141.0
77	84.5	67.6	107.6

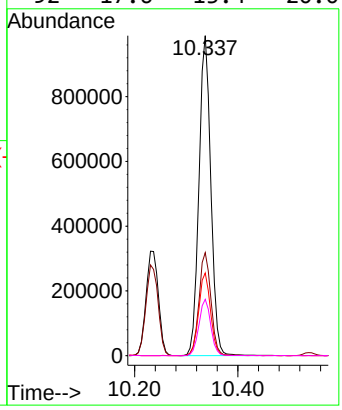




#33
4-Chloroaniline
Concen: 39.799 ng
RT: 10.337 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:127 Resp: 157299

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.9	21.0	31.6
92	17.6	13.4	20.0



Instrument :
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ClientSampleId :
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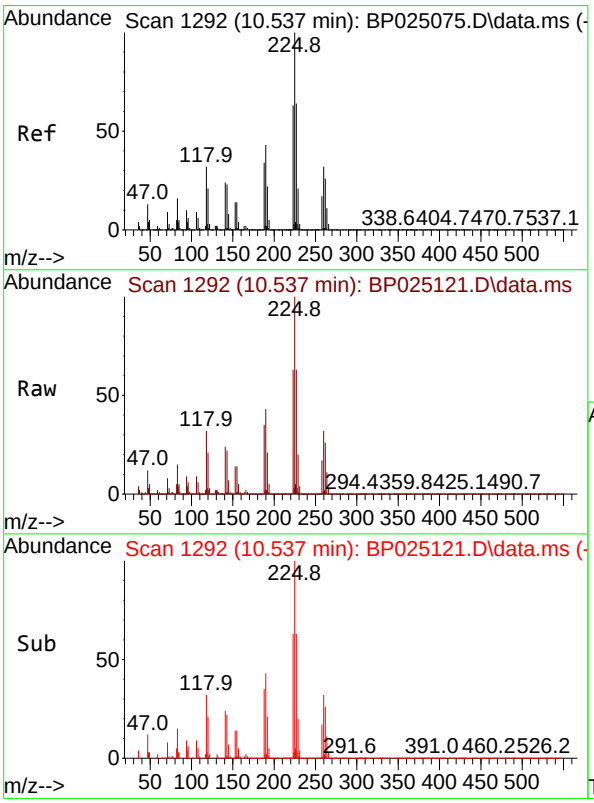
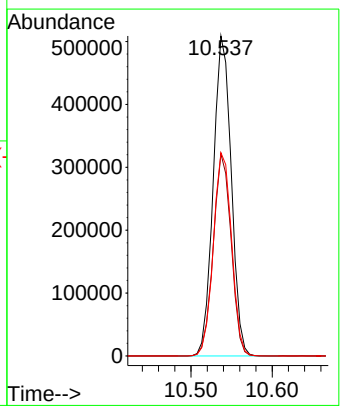
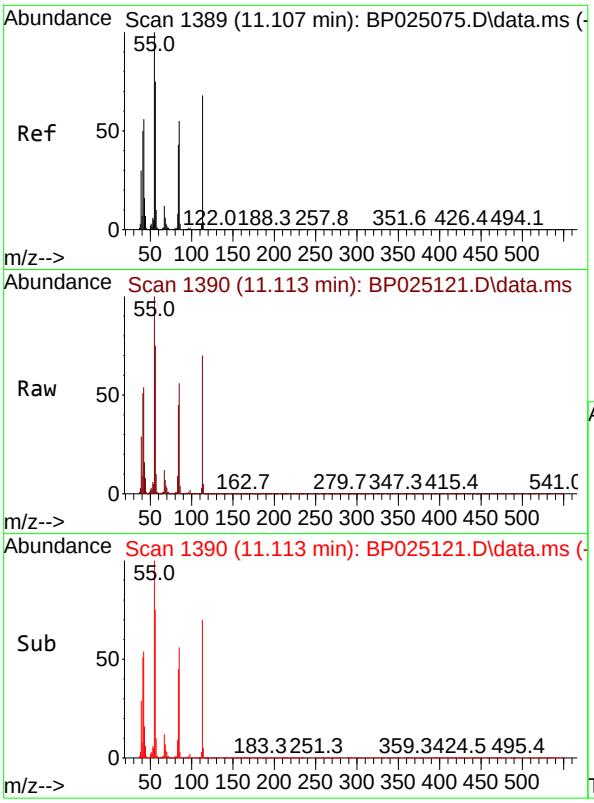


#34
Hexachlorobutadiene
Concen: 41.302 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:225 Resp: 784659

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	63.5	51.3	76.9





#35
Caprolactam
Concen: 39.792 ng
RT: 11.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:113 Resp: 40695

Ion	Ratio	Lower	Upper
113	100		
55	142.0	128.1	168.1
56	106.1	90.7	130.7

Instrument :
BNA_P
ClientSampleId :
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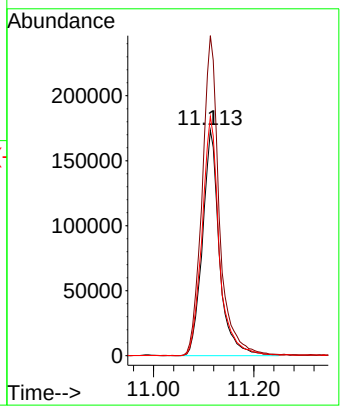
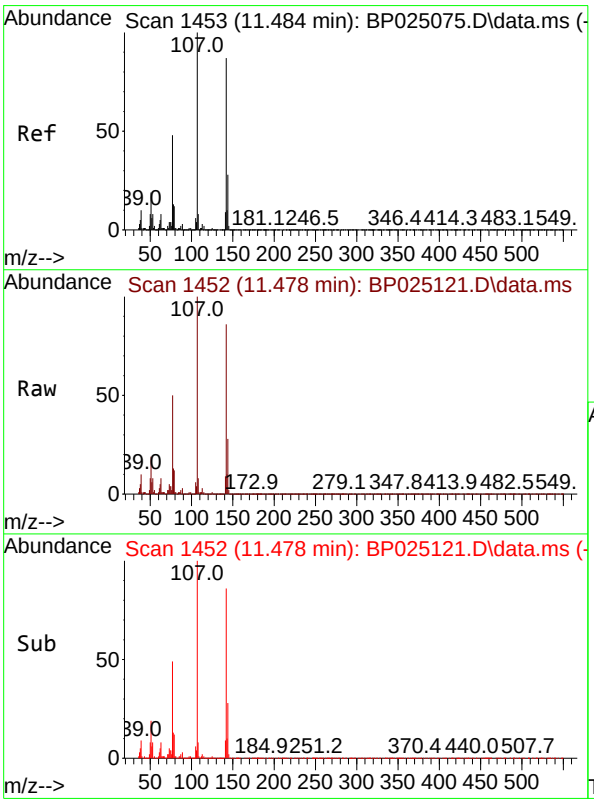
Supervised By :Jagrut Upadhyay 07/15/2025

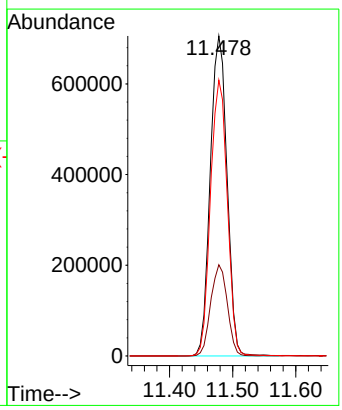


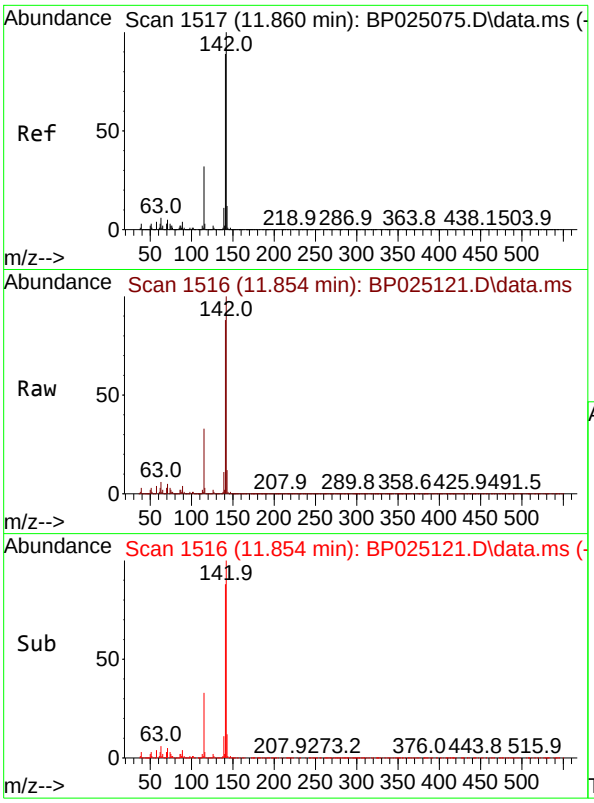


#36
4-Chloro-3-methylphenol
Concen: 41.633 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:107 Resp: 1300632

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.4	33.6
142	86.2	69.6	104.4





#37
2-Methylnaphthalene
Concen: 39.691 ng
RT: 11.854 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:142 Resp: 296595

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.7	25.9	38.9

Instrument :
BNA_P
ClientSampleId :
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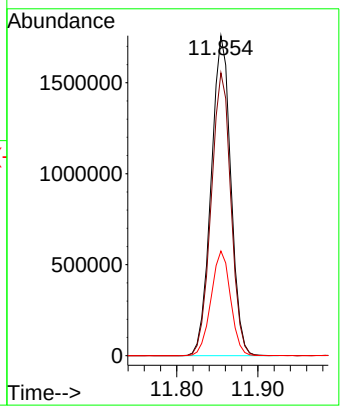
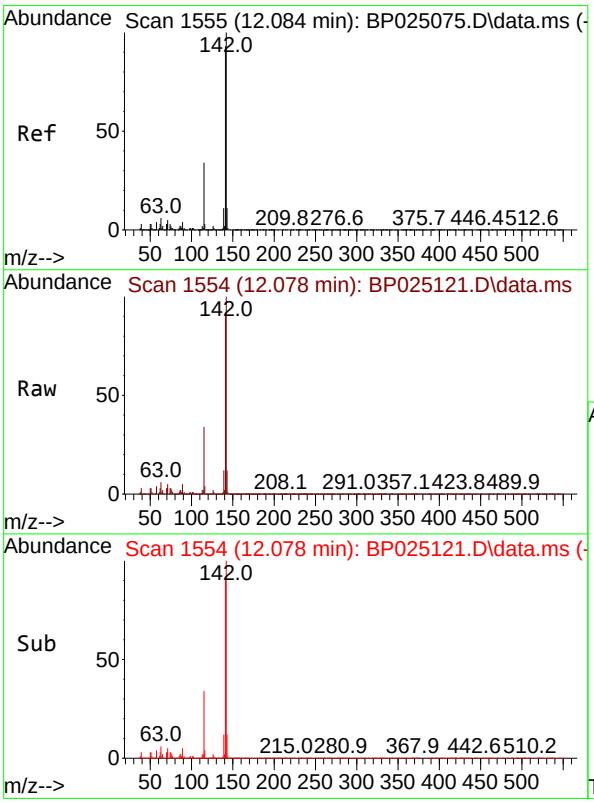
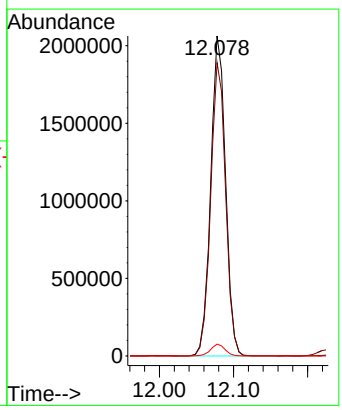


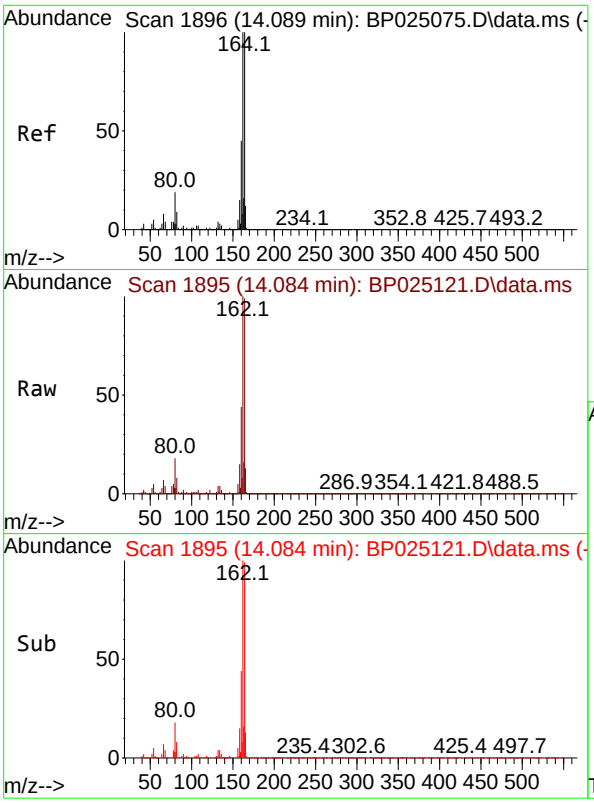


#38
1-Methylnaphthalene
Concen: 39.302 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:142 Resp: 2864243

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	3.7	2.7	4.1

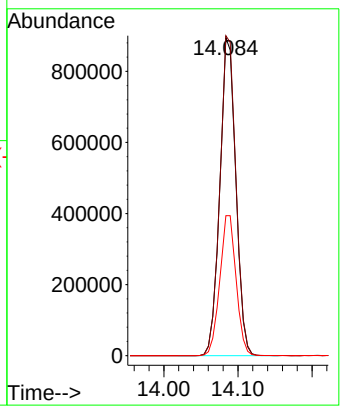




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:164 Resp: 133483

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	44.0	35.9	53.9



Instrument :
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ClientSampleId :
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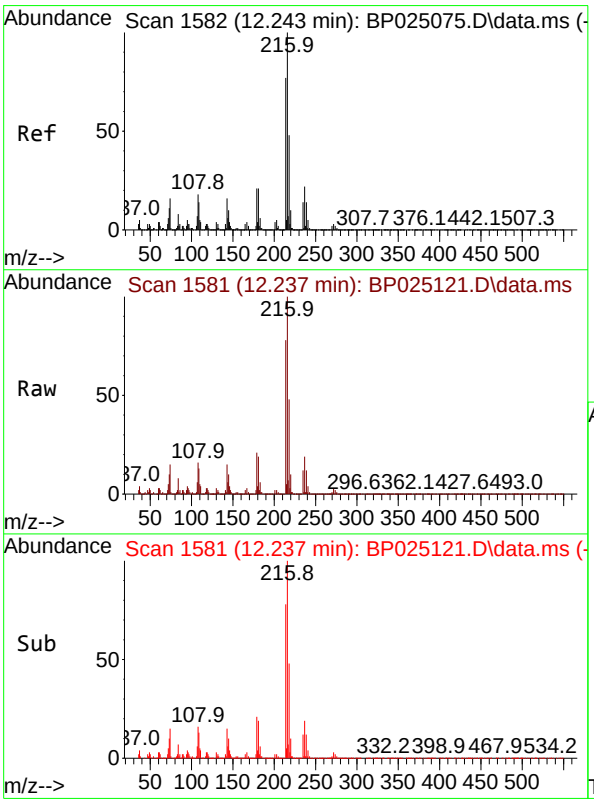
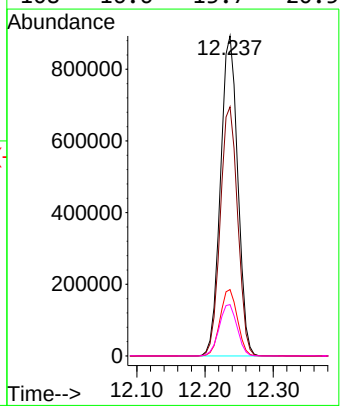
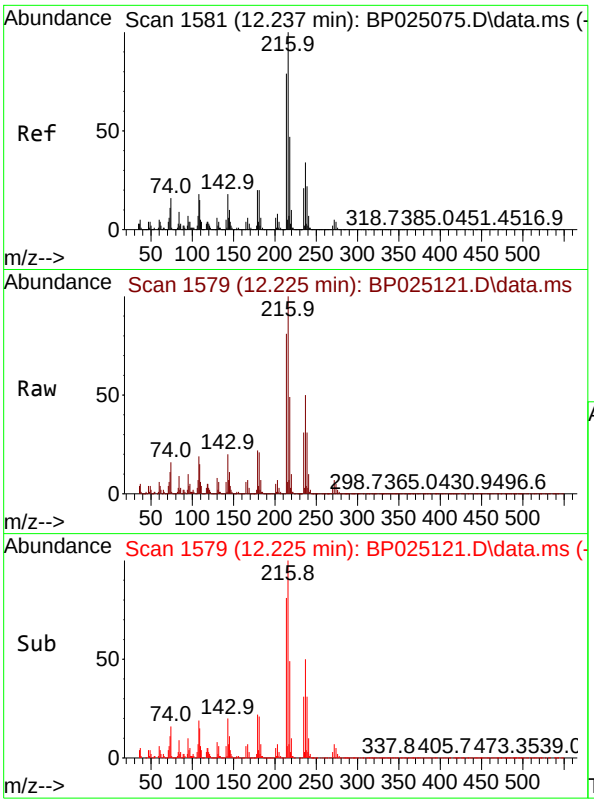


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.065 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:216 Resp: 1575376

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.6	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 47.038 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:237 Resp: 47134

Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.6	81.6
272	13.3	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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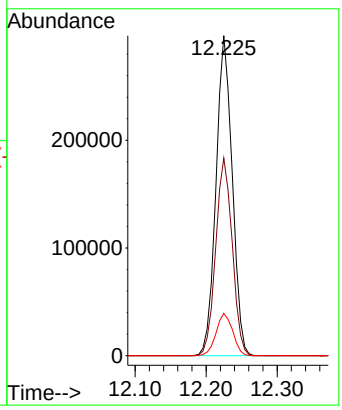
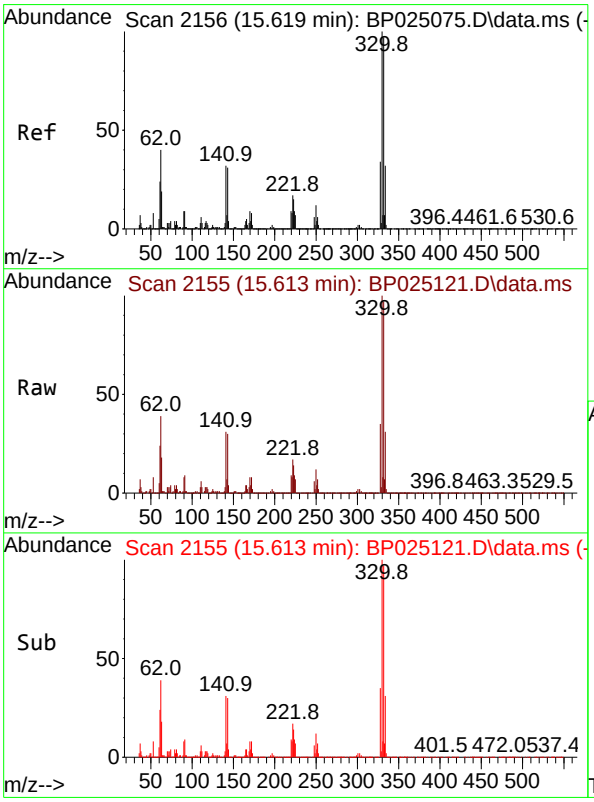
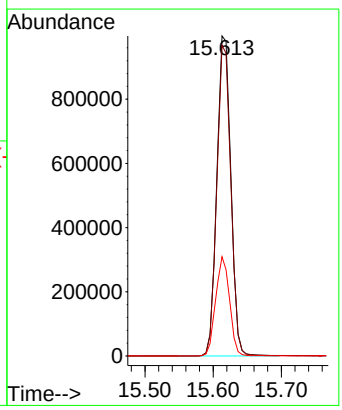


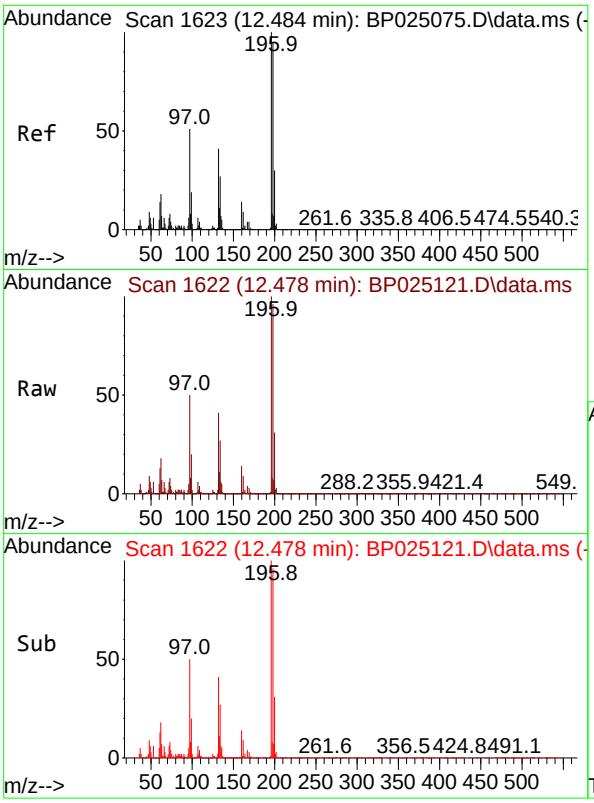


#42
2,4,6-Tribromophenol
Concen: 90.534 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:330 Resp: 1427612

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	30.7	26.0	39.0

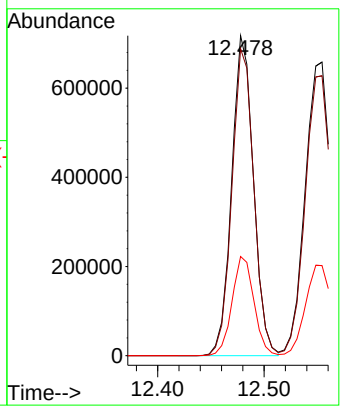




#43
2,4,6-Trichlorophenol
Concen: 43.923 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:196 Resp: 102030

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	31.0	24.3	36.5



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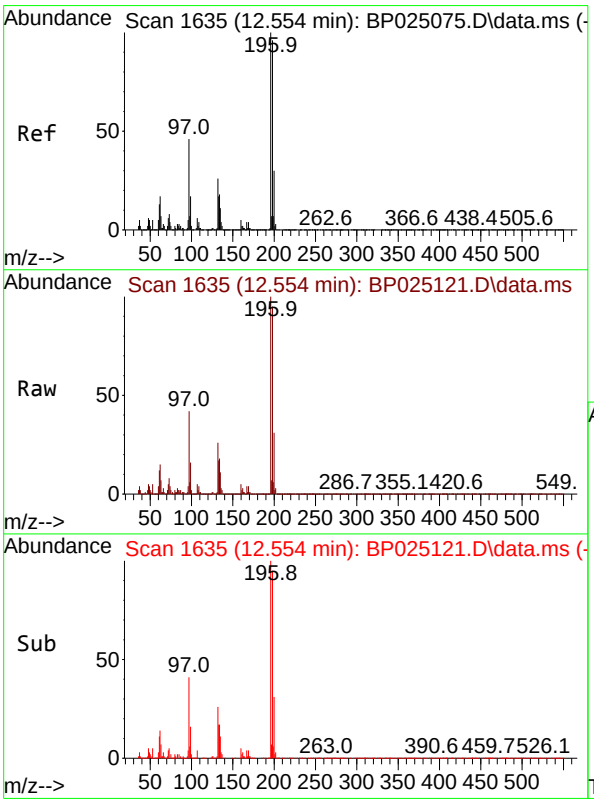
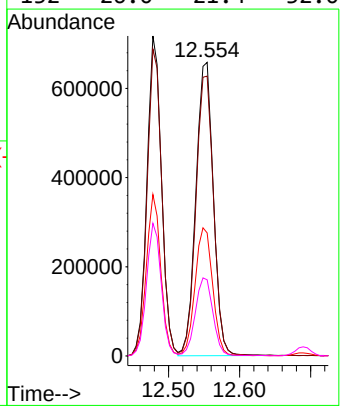
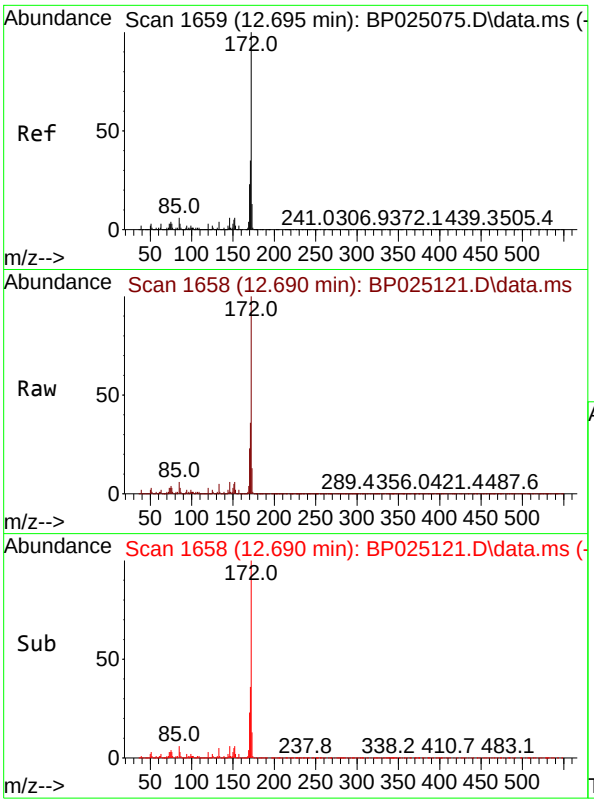


#44
2,4,5-Trichlorophenol
Concen: 42.929 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:196 Resp: 1130131

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
97	41.9	36.6	55.0
132	26.0	21.4	32.0

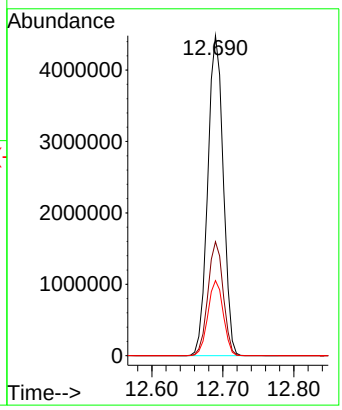




#45
2-Fluorobiphenyl
Concen: 78.719 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:172 Resp: 678281

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.5	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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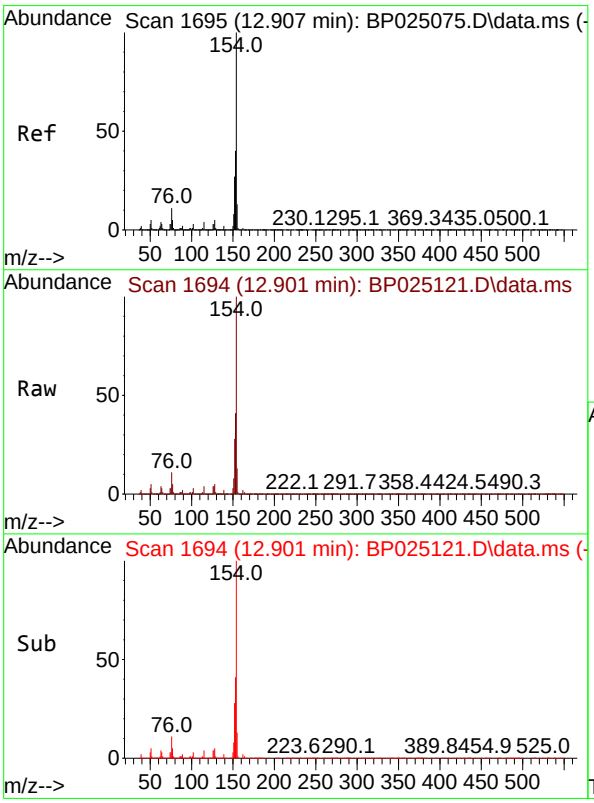
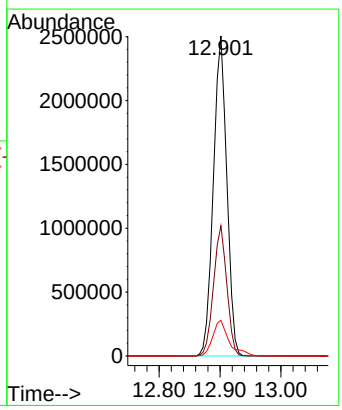
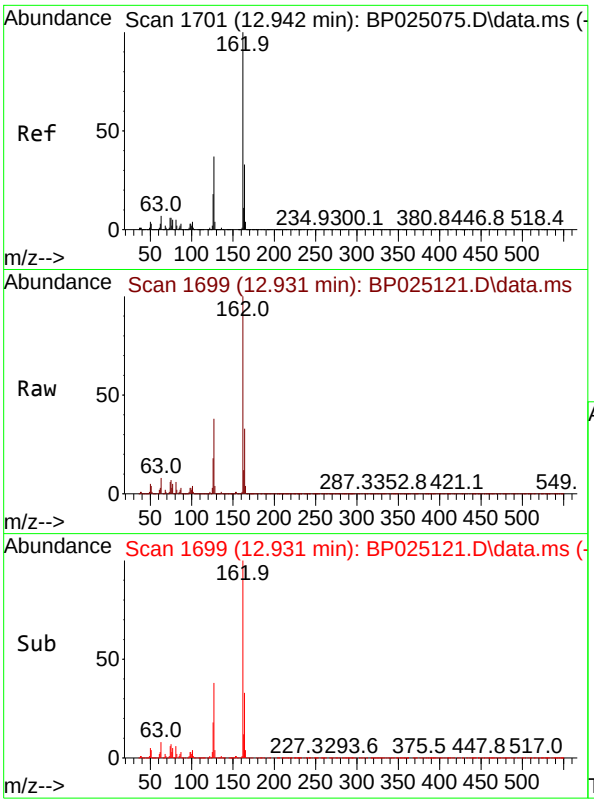


#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:154 Resp: 3833123

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	11.2	0.0	31.5

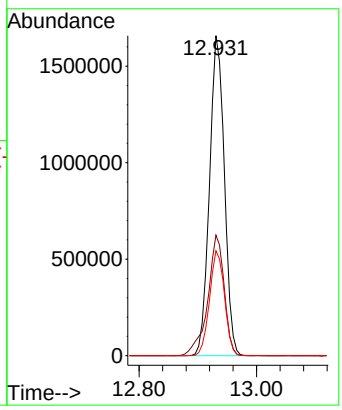




#47
2-Chloronaphthalene
Concen: 39.883 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:162 Resp: 291132

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.8	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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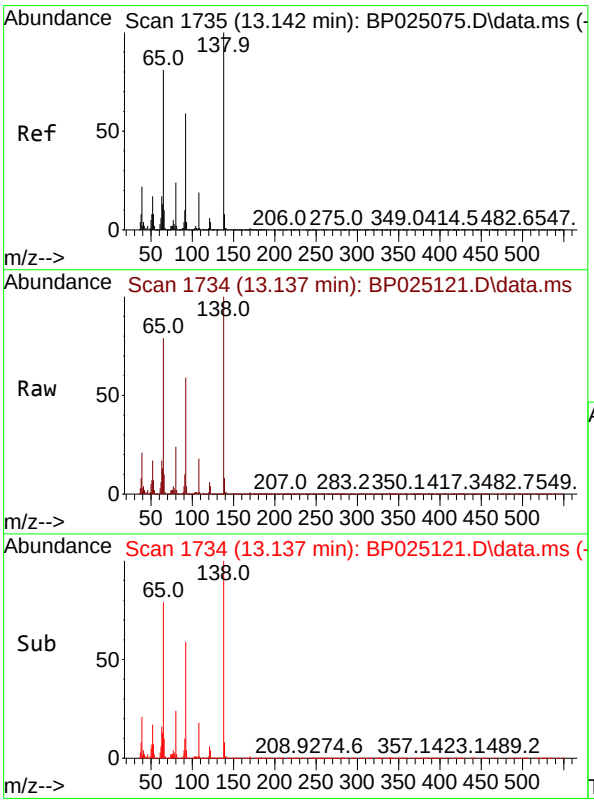
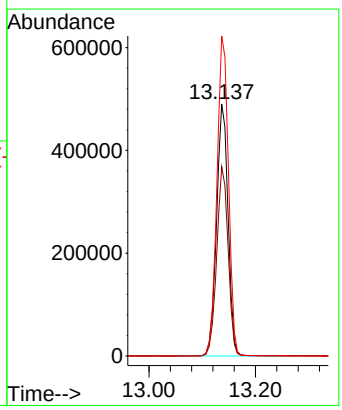
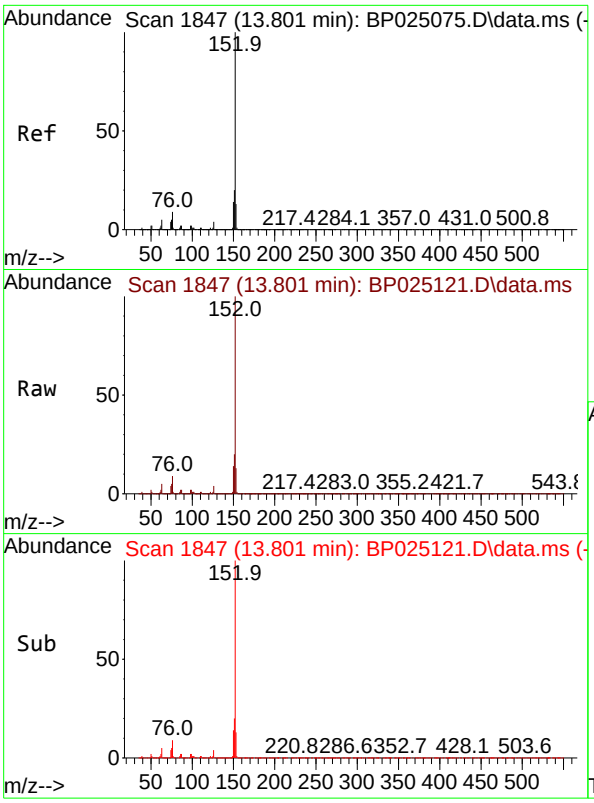


#48
2-Nitroaniline
Concen: 41.340 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion: 65 Resp: 731933

Ion	Ratio	Lower	Upper
65	100		
92	75.1	58.7	88.1
138	126.9	99.0	148.4





#49
Acenaphthylene
Concen: 40.432 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 451718

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1

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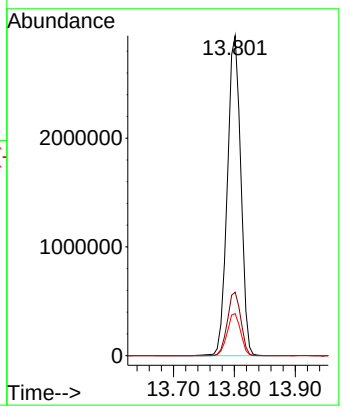
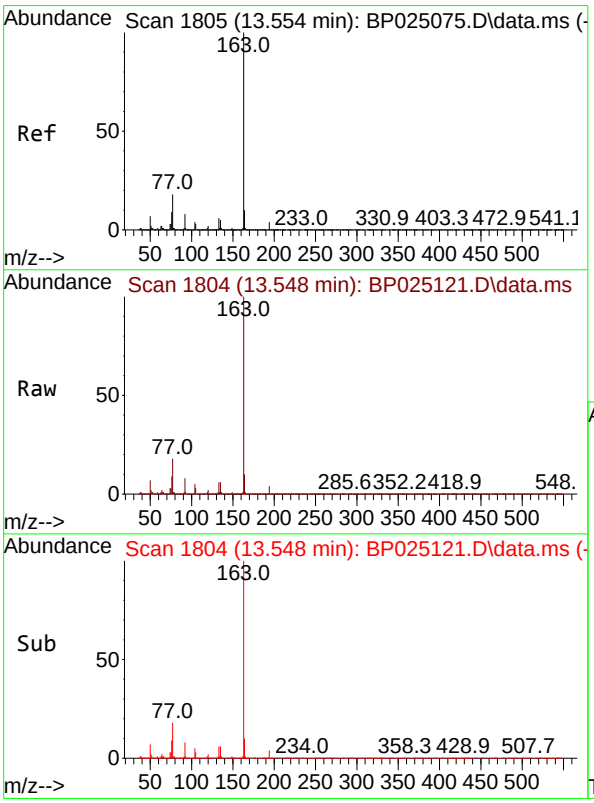
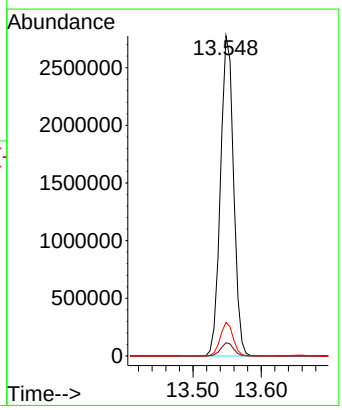


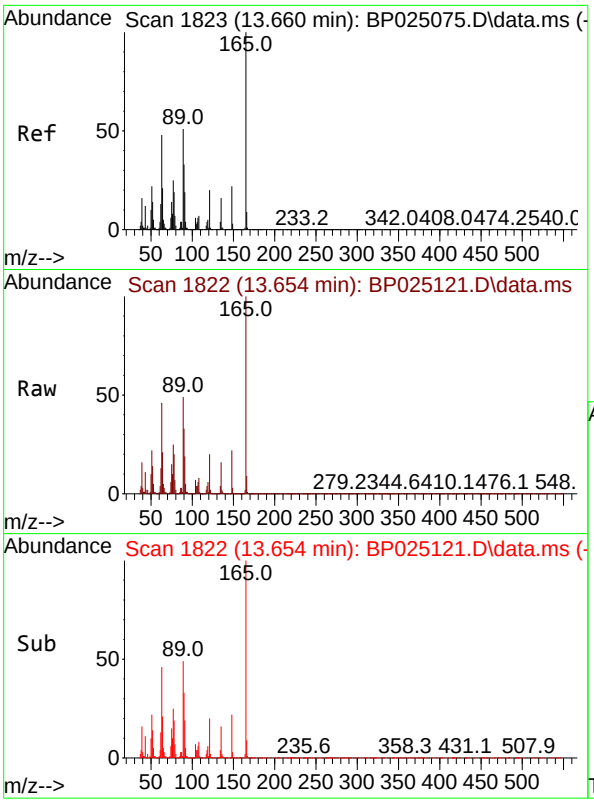


#50
Dimethylphthalate
Concen: 39.745 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:163 Resp: 3713718

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 44.258 ng
RT: 13.654 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:165 Resp: 80652

Ion	Ratio	Lower	Upper
165	100		
63	46.3	38.5	57.7
89	49.3	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
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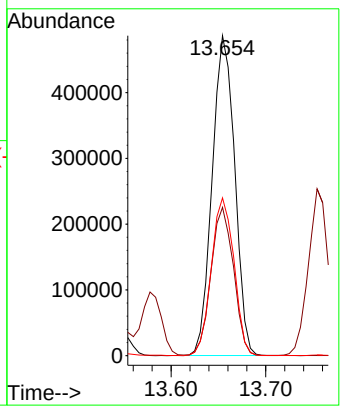
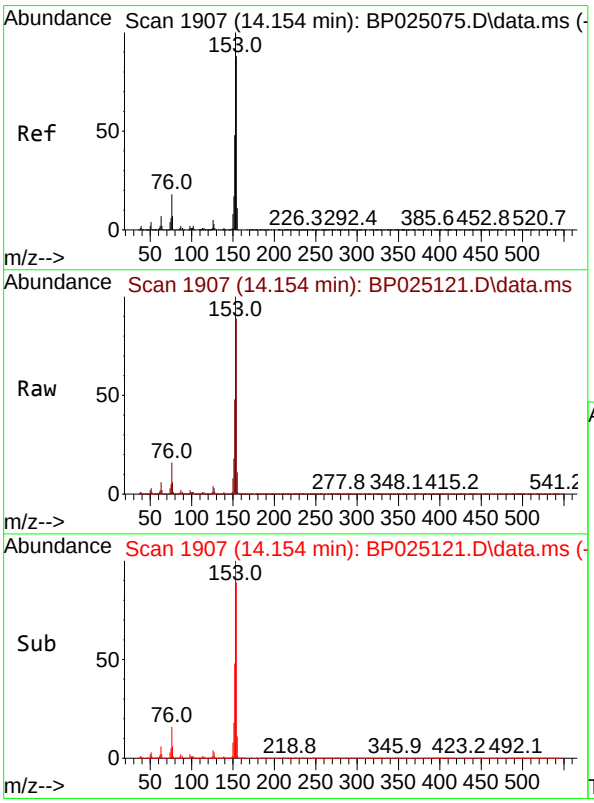
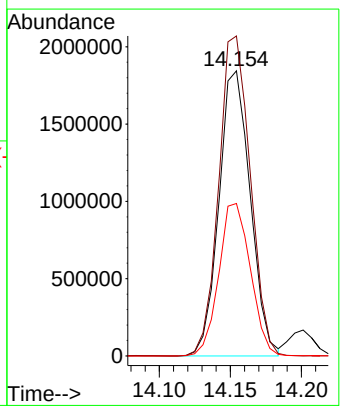


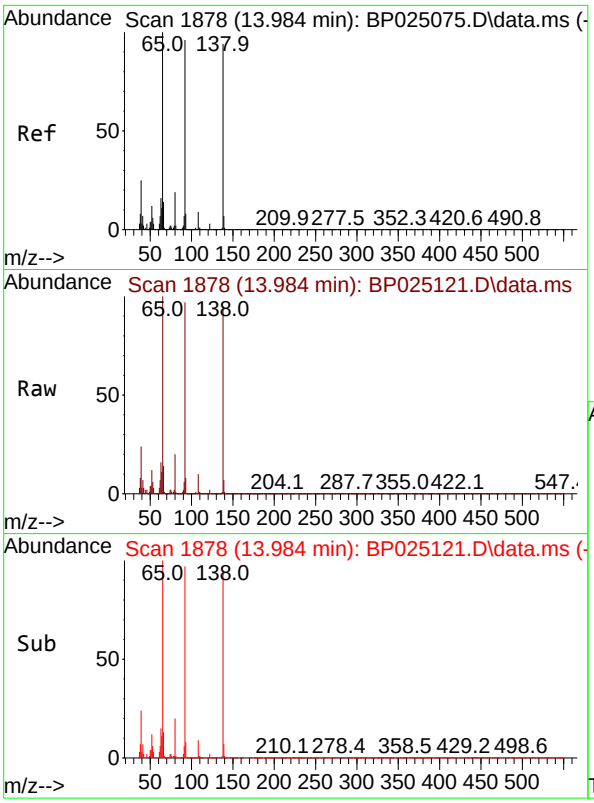


#52
Acenaphthene
Concen: 39.270 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:154 Resp: 2827846

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.6	136.0
152	53.5	43.8	65.8





#53
3-Nitroaniline
Concen: 44.664 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:138 Resp: 87226

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	101.6	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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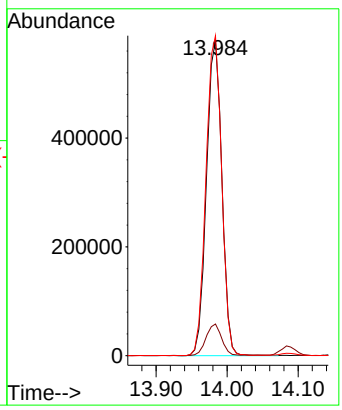
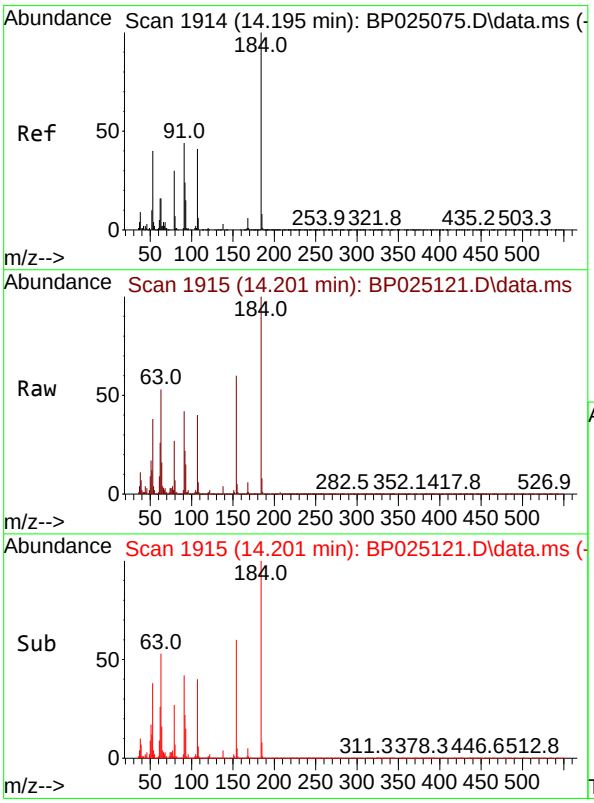
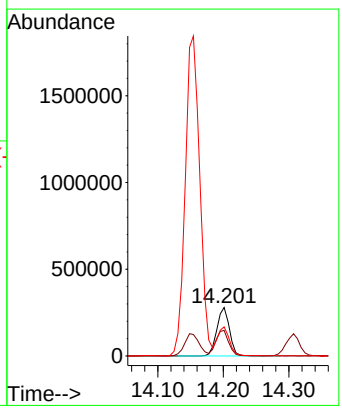


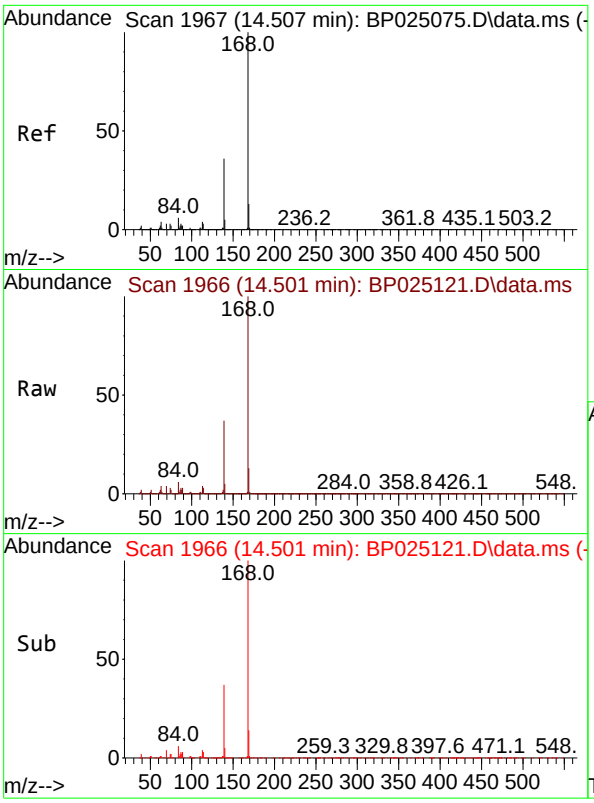


#54
2,4-Dinitrophenol
Concen: 44.033 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:184 Resp: 369050

Ion	Ratio	Lower	Upper
184	100		
63	52.9	47.4	71.0
154	60.1	47.8	71.8

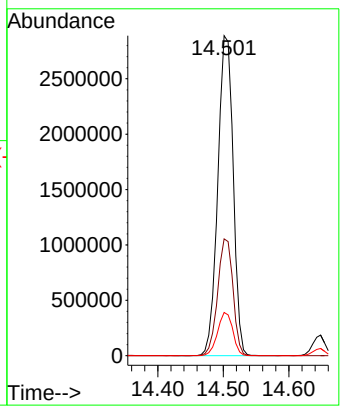




#55
Dibenzofuran
Concen: 39.396 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:168 Resp: 468174

Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.6	43.0
169	13.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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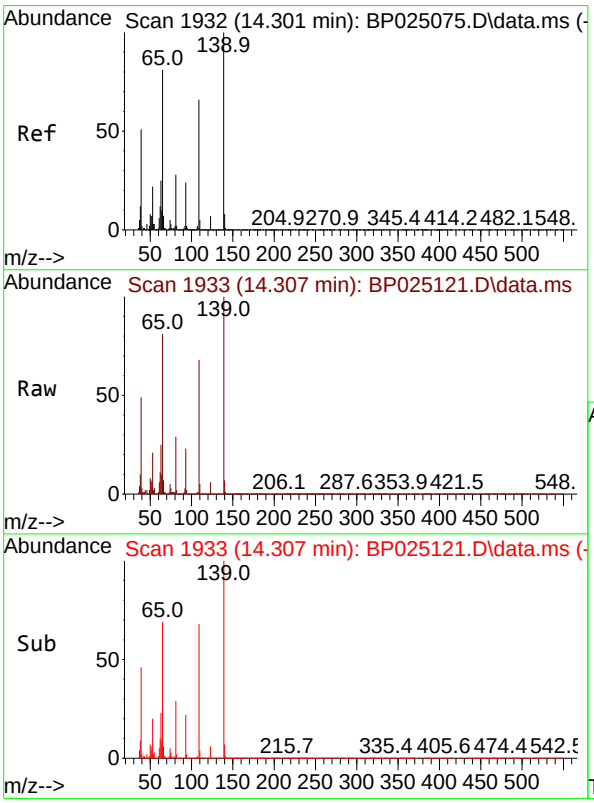
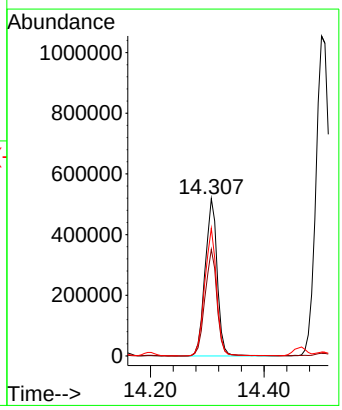
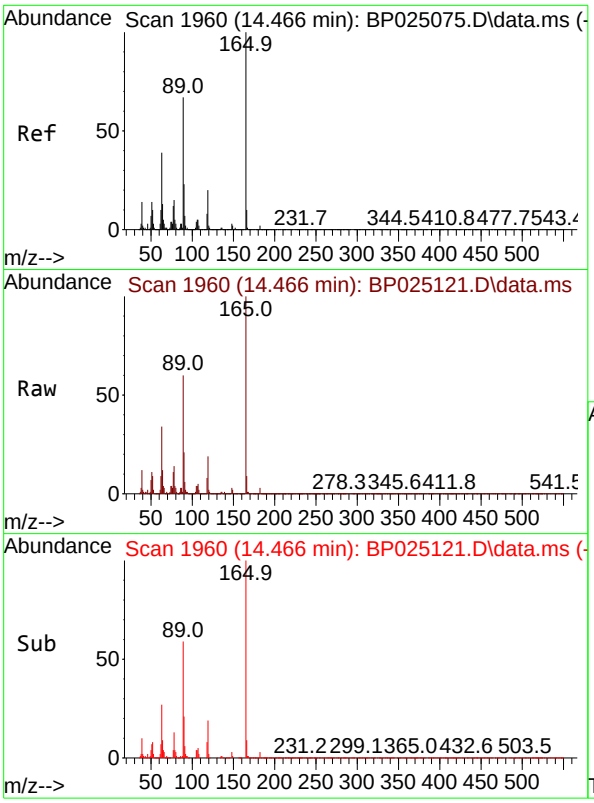


#56
4-Nitrophenol
Concen: 42.357 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:139 Resp: 763382

Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.9	85.9
65	81.2	61.4	101.4

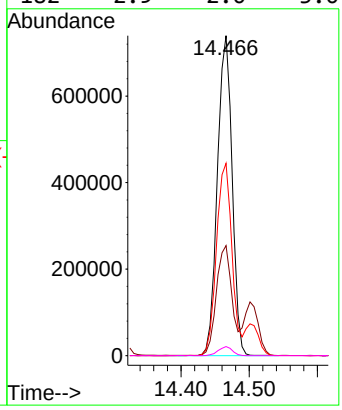




#57
2,4-Dinitrotoluene
Concen: 41.952 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:165 Resp: 111262

Ion	Ratio	Lower	Upper
165	100		
63	34.4	31.0	46.4
89	60.1	53.4	80.0
182	2.9	2.0	3.0



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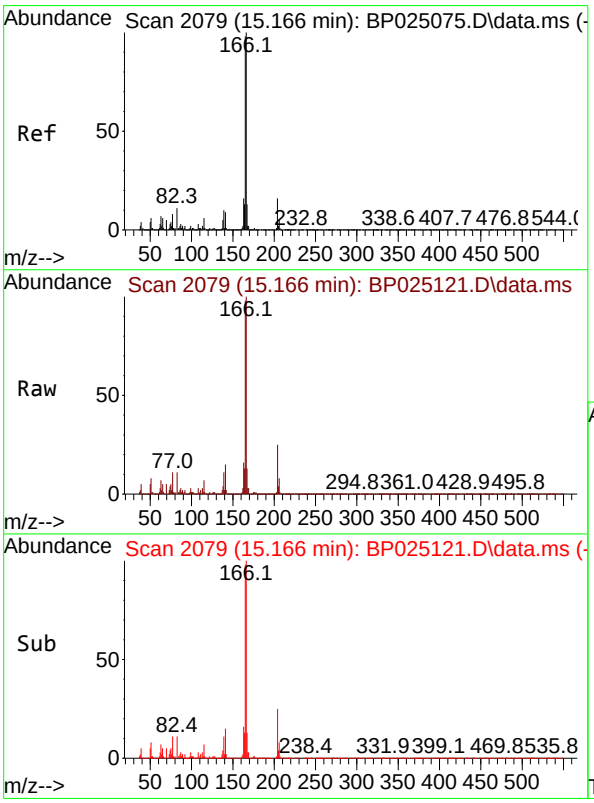
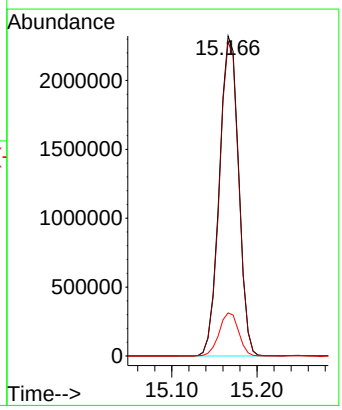
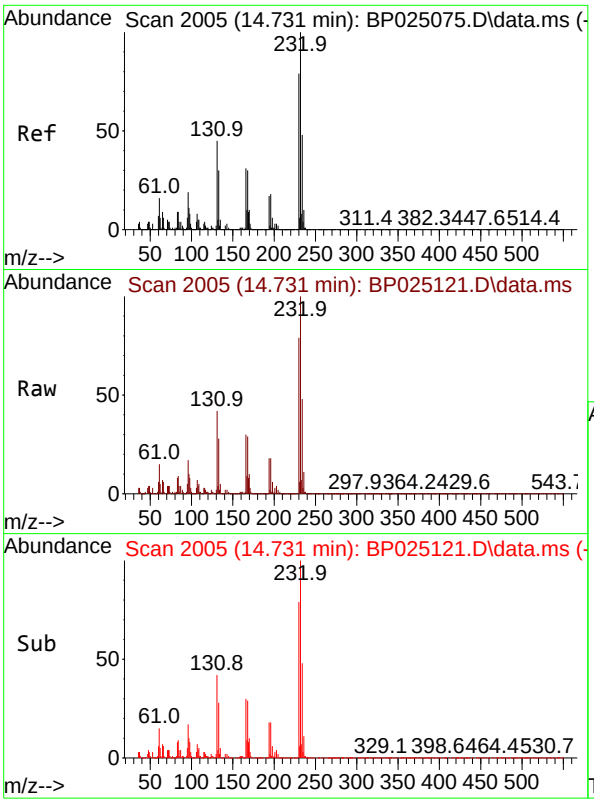


#58
Fluorene
Concen: 39.747 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:166 Resp: 3653508

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.5	10.7	16.1

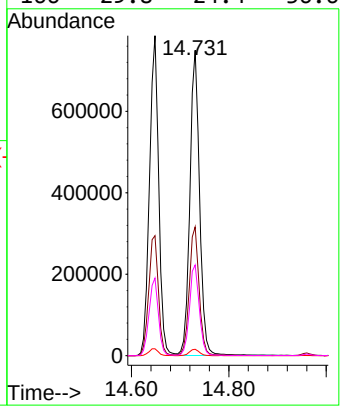




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.672 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:232 Resp: 104113

Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.7	53.5
130	2.2	1.8	2.6
166	29.8	24.4	36.6



Instrument :
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ClientSampleId :
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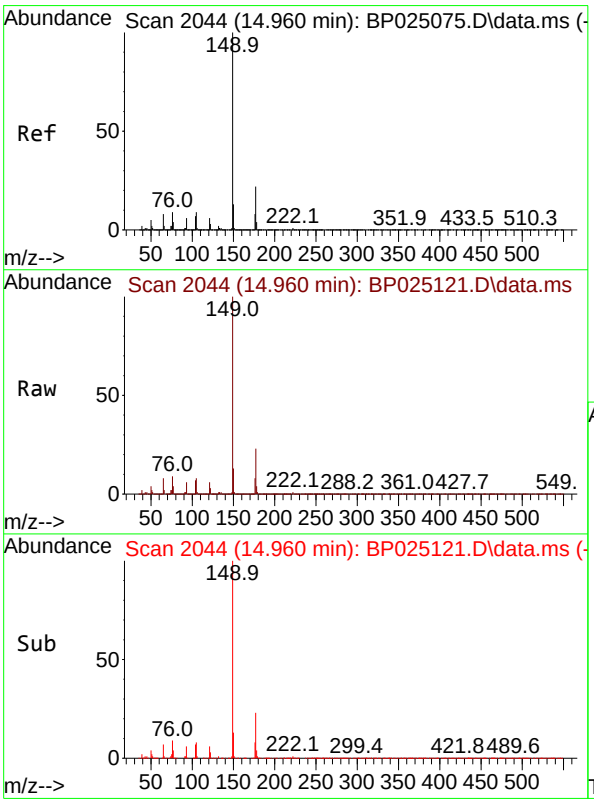
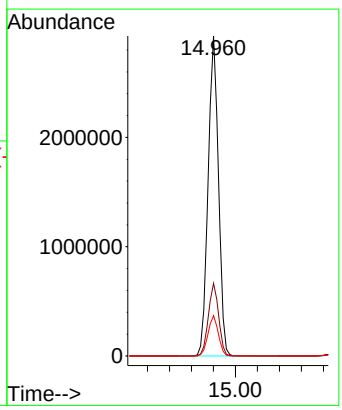
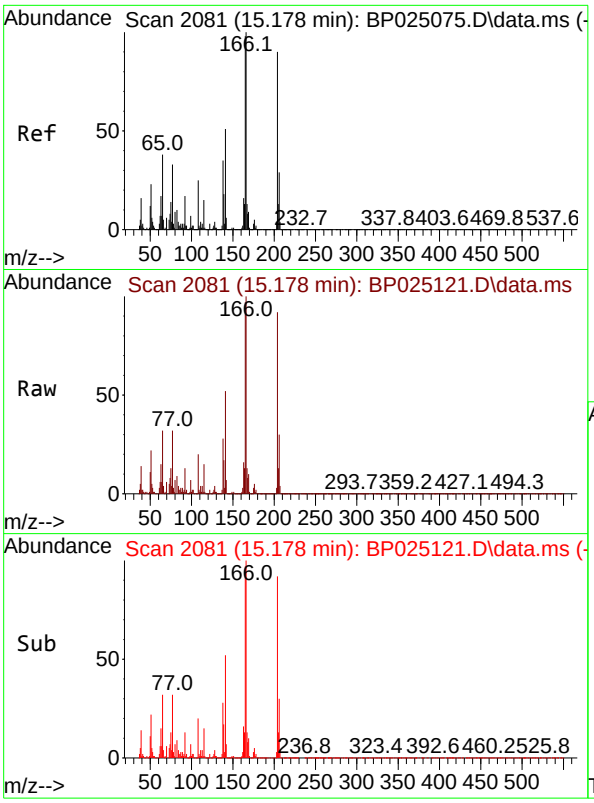


#60
Diethylphthalate
Concen: 40.657 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:149 Resp: 3815592

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.8	26.8
150	12.6	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.005 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:204 Resp: 181978

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	56.9	45.1	67.7

Instrument :
BNA_P
ClientSampleId :
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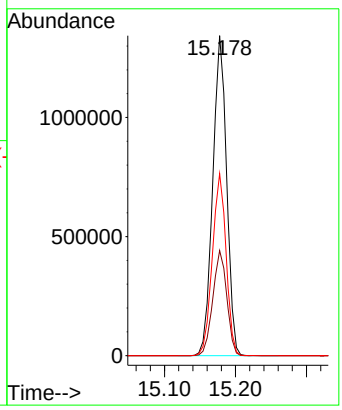
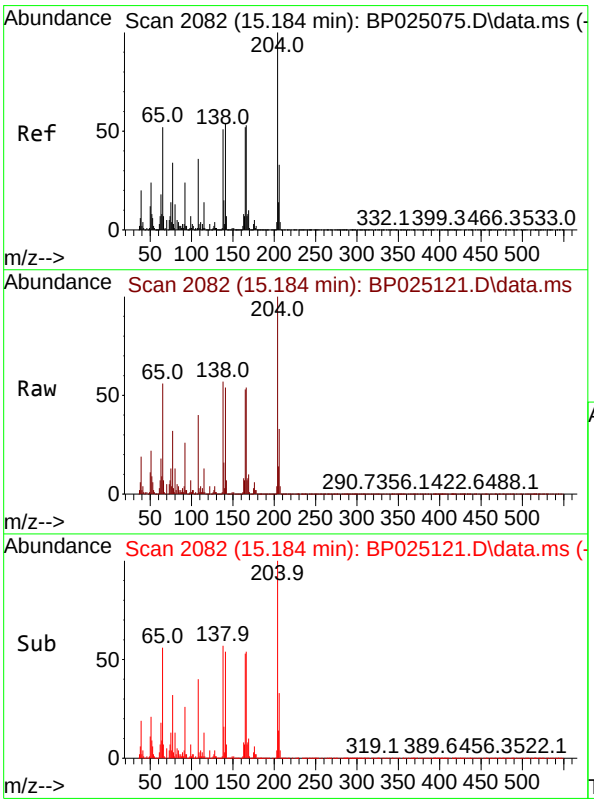
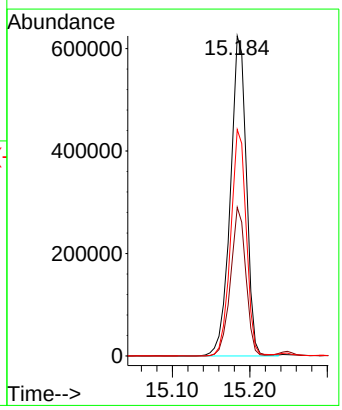


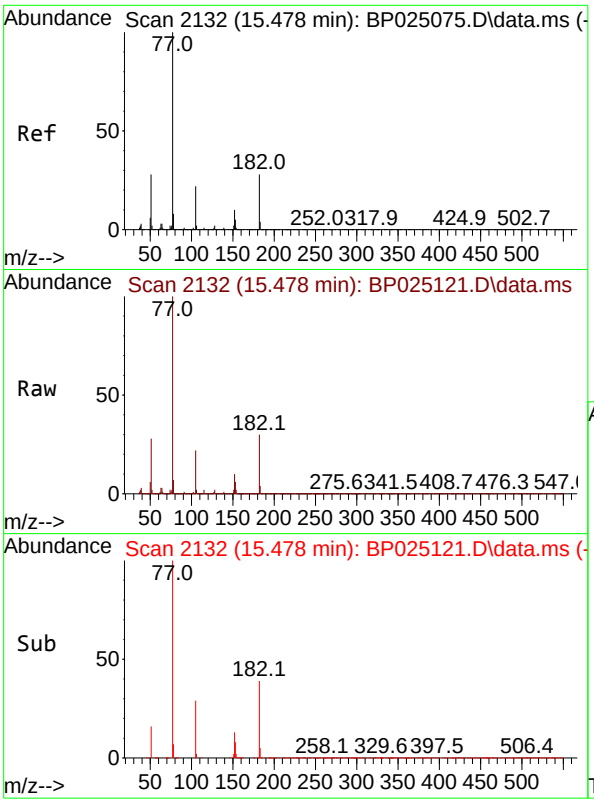


#62
4-Nitroaniline
Concen: 43.967 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:138 Resp: 900360

Ion	Ratio	Lower	Upper
138	100		
92	46.4	26.0	66.0
108	70.8	50.0	90.0





#63
Azobenzene
Concen: 39.068 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 326487

Ion	Ratio	Lower	Upper
77	100		
182	29.9	7.7	47.7
105	22.2	1.9	41.9
51	27.6	8.2	48.2

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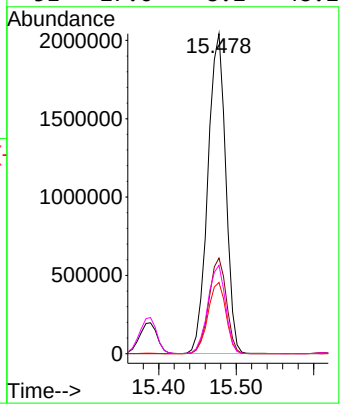
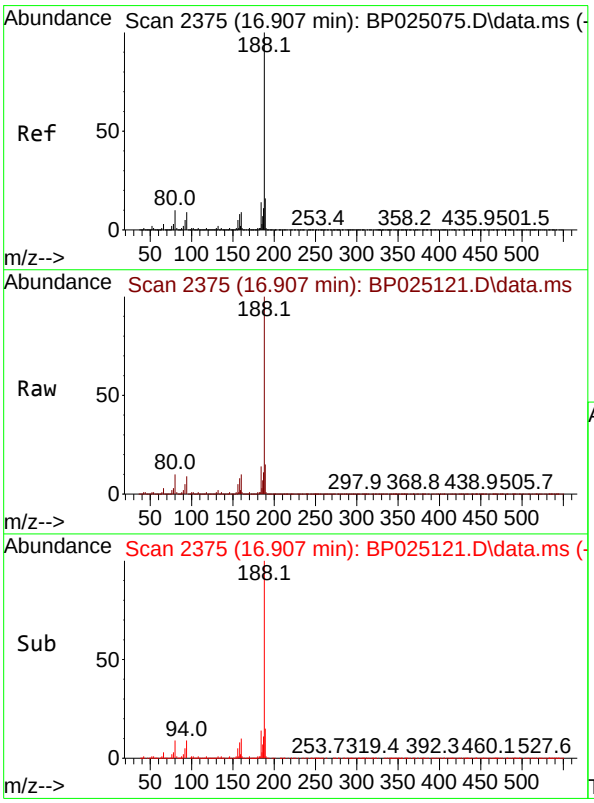
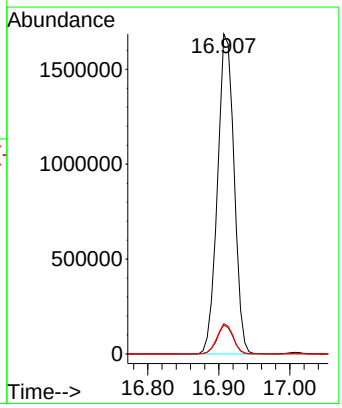


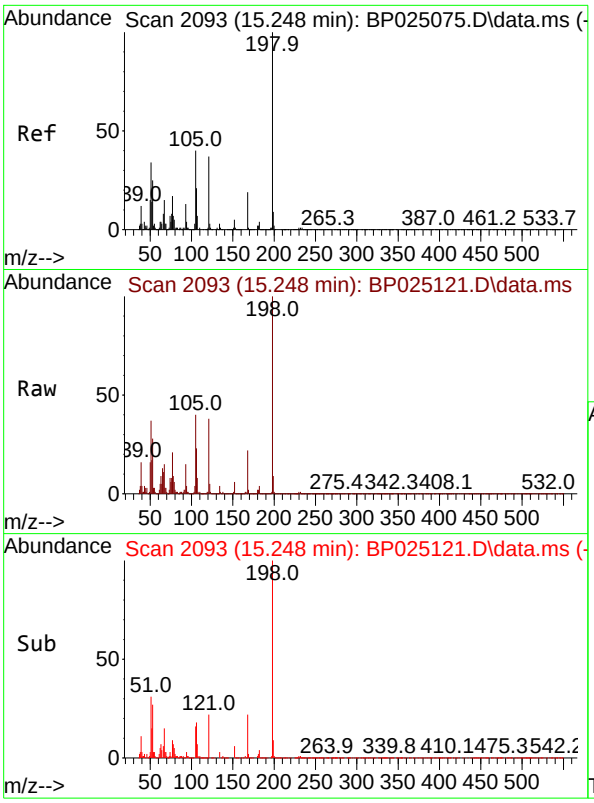


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:188 Resp: 2722796

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.532 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:198 Resp: 53209

Ion	Ratio	Lower	Upper
198	100		
51	37.0	16.8	56.8
105	40.3	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
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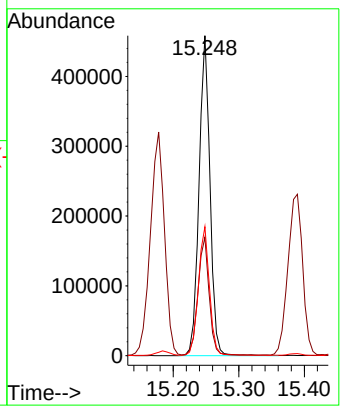
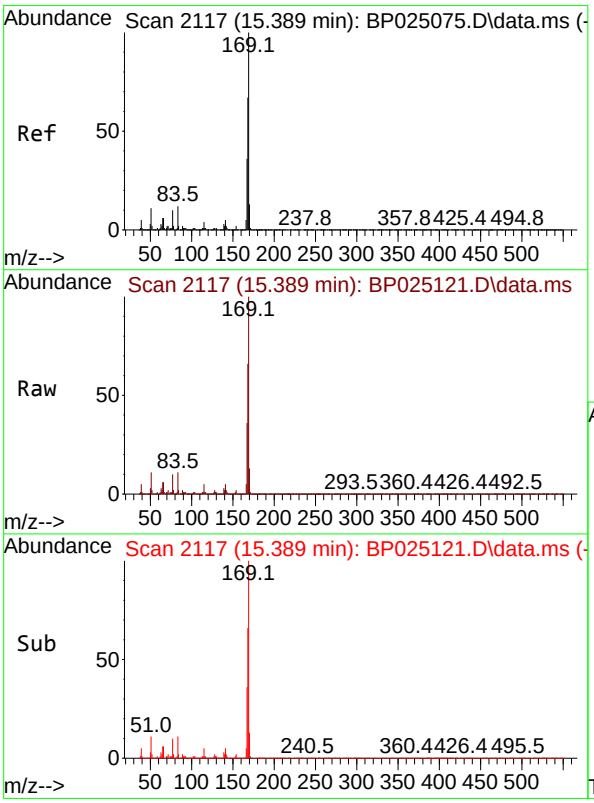
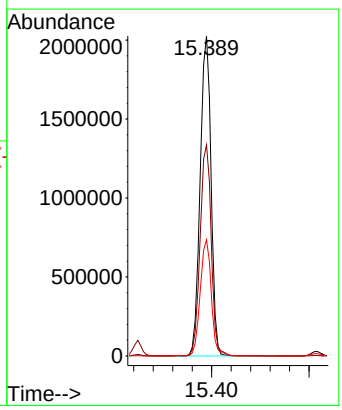


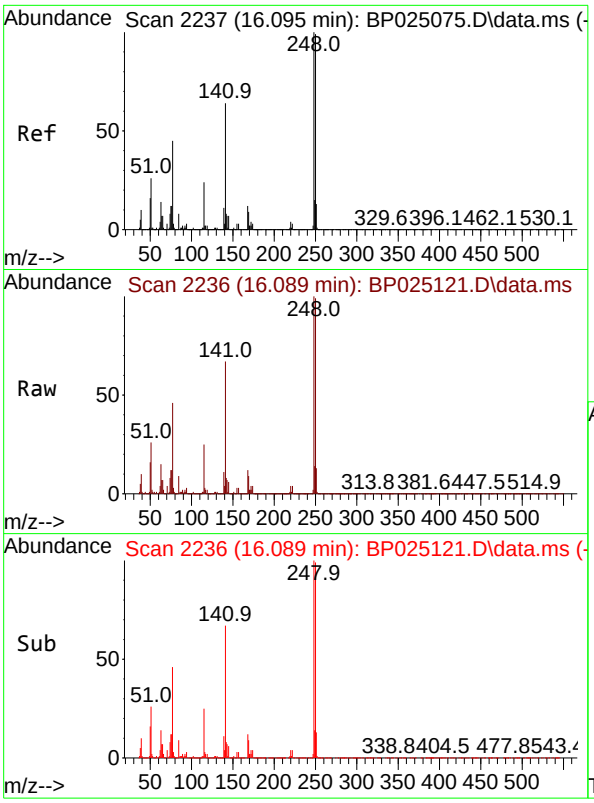


#66
n-Nitrosodiphenylamine
Concen: 40.151 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:169 Resp: 3128651

Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.1	81.1
167	36.3	29.0	43.6

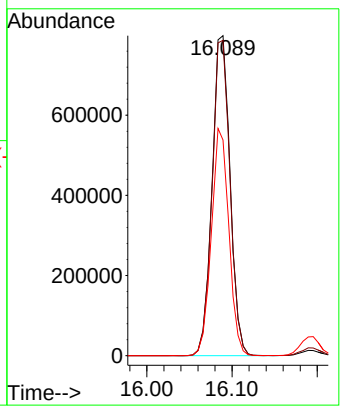




#67
4-Bromophenyl-phenylether
Concen: 42.017 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:248 Resp: 117137

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	67.4	51.4	77.0



Instrument :
BNA_P
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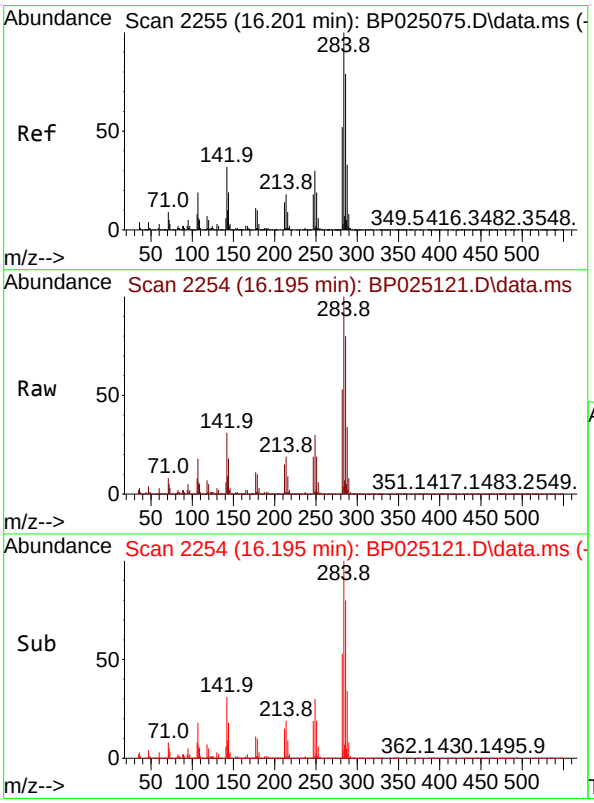
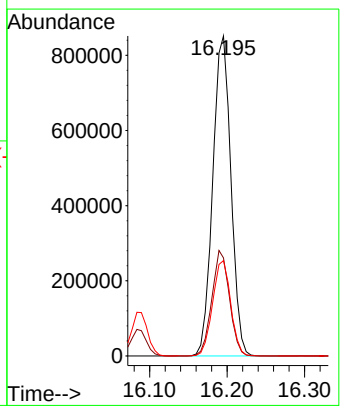
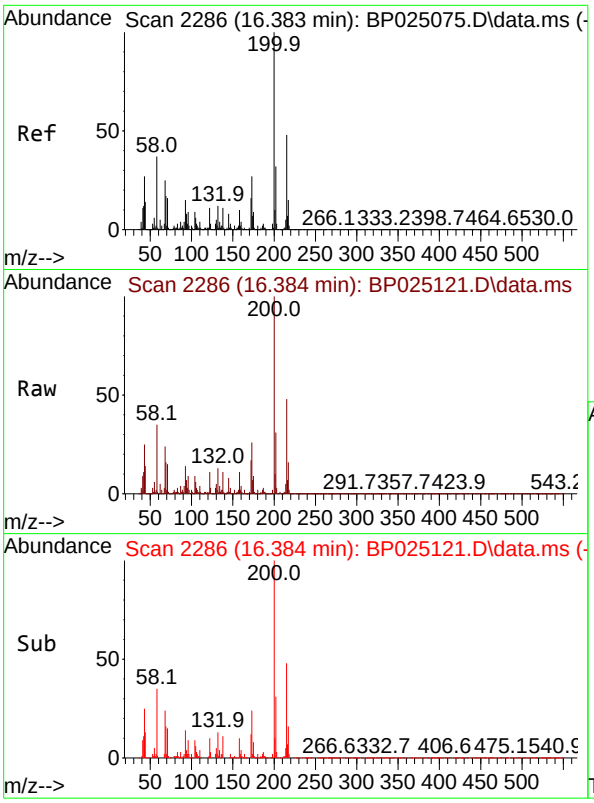


#68
Hexachlorobenzene
Concen: 40.644 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:284 Resp: 1384944

Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.9	38.9
249	29.8	23.8	35.8

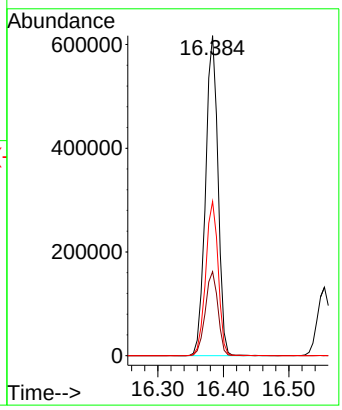




#69
Atrazine
Concen: 35.680 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:200 Resp: 81470

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	48.2	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
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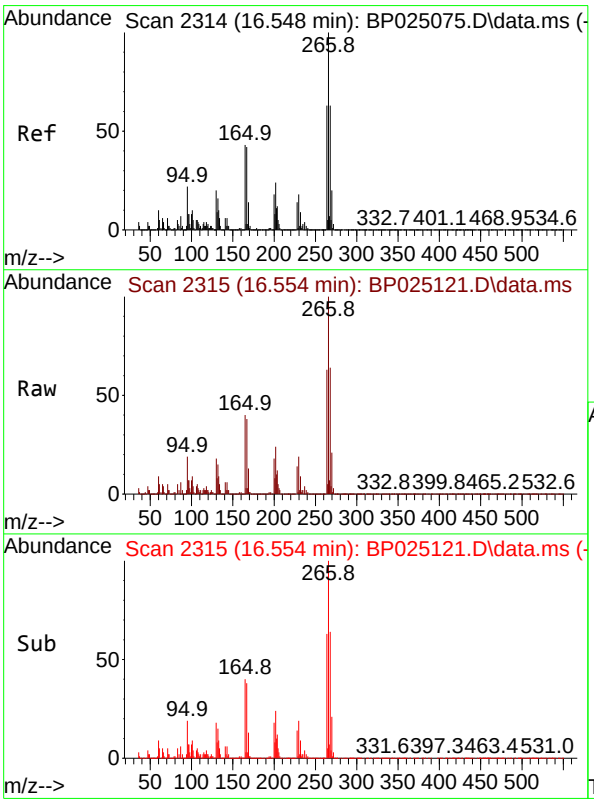
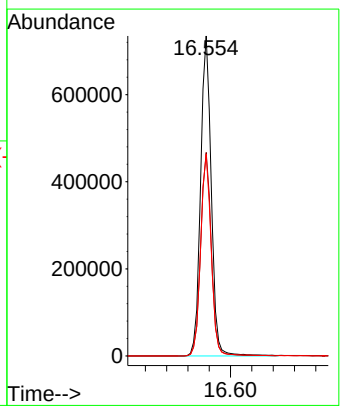
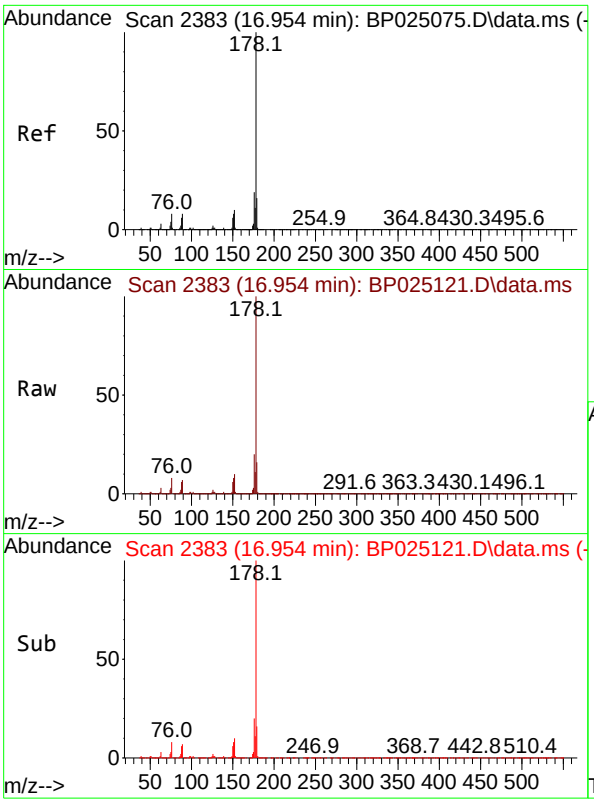


#70
Pentachlorophenol
Concen: 44.288 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:266 Resp: 1019198

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	63.1	50.2	75.2

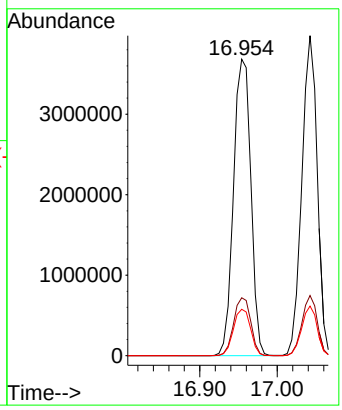




#71
Phenanthrene
Concen: 39.423 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:178 Resp: 573566

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.7	12.6	19.0



Instrument :
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ClientSampleId :
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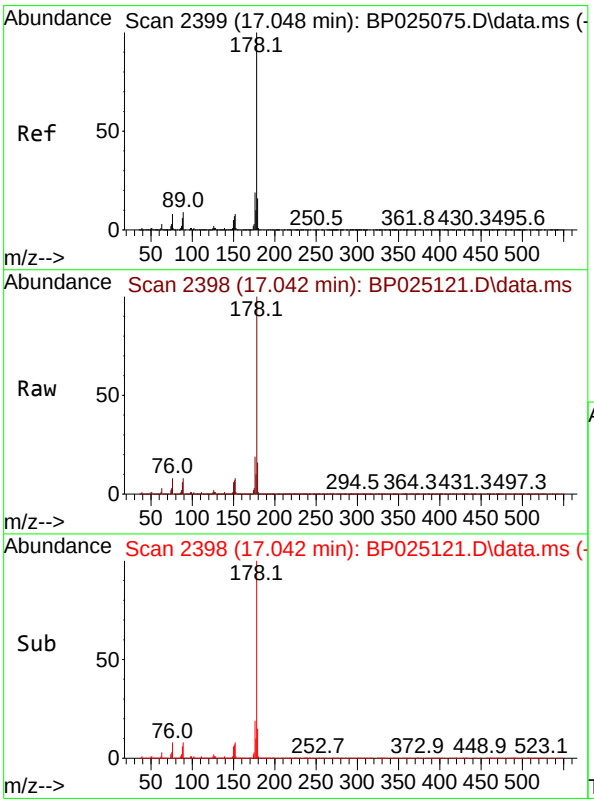
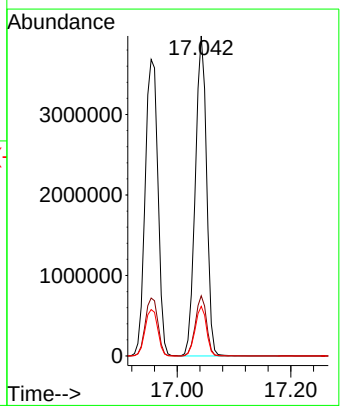
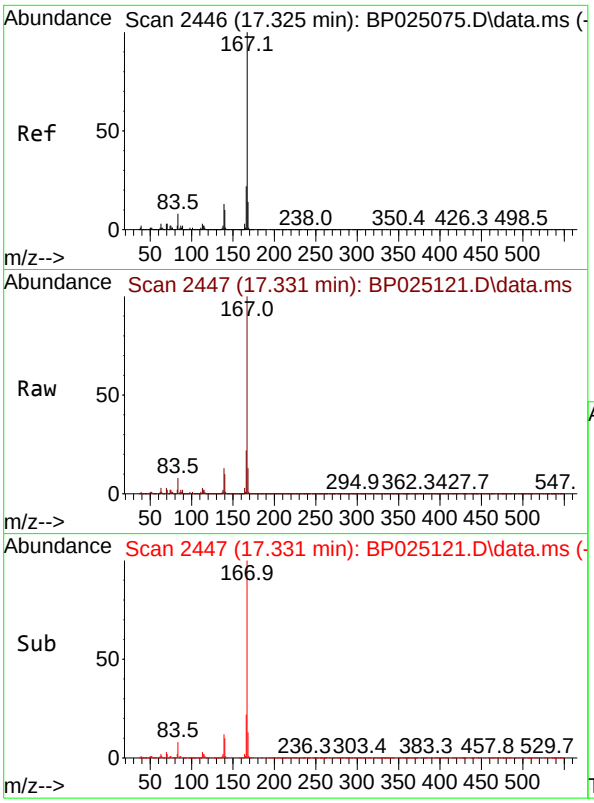


#72
Anthracene
Concen: 39.471 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:178 Resp: 5509348

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.5	18.7





#73
Carbazole
Concen: 39.354 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:167 Resp: 537084

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.6	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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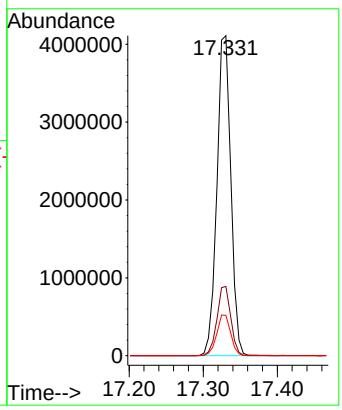
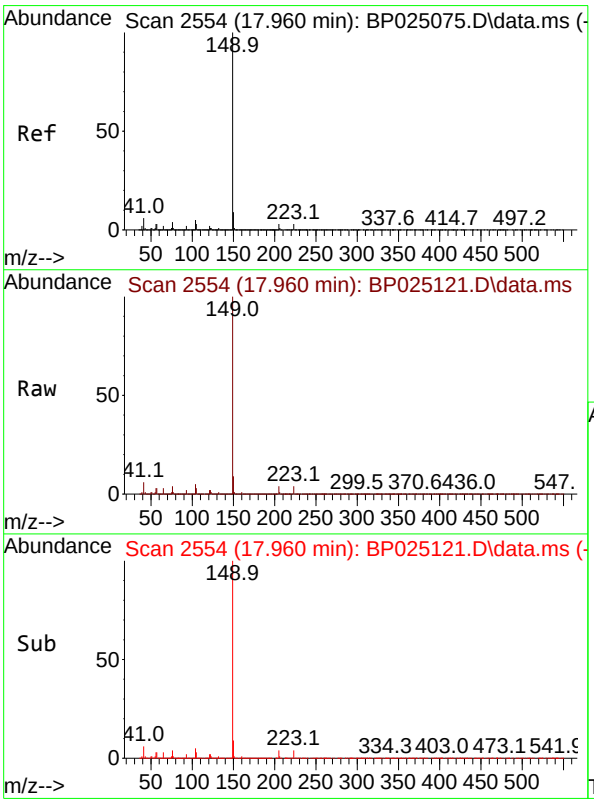
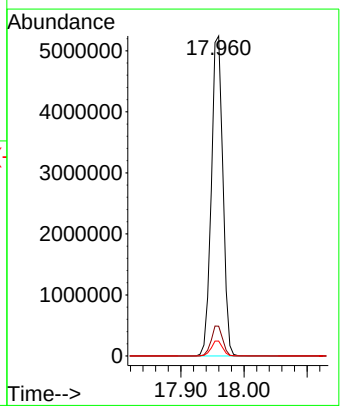


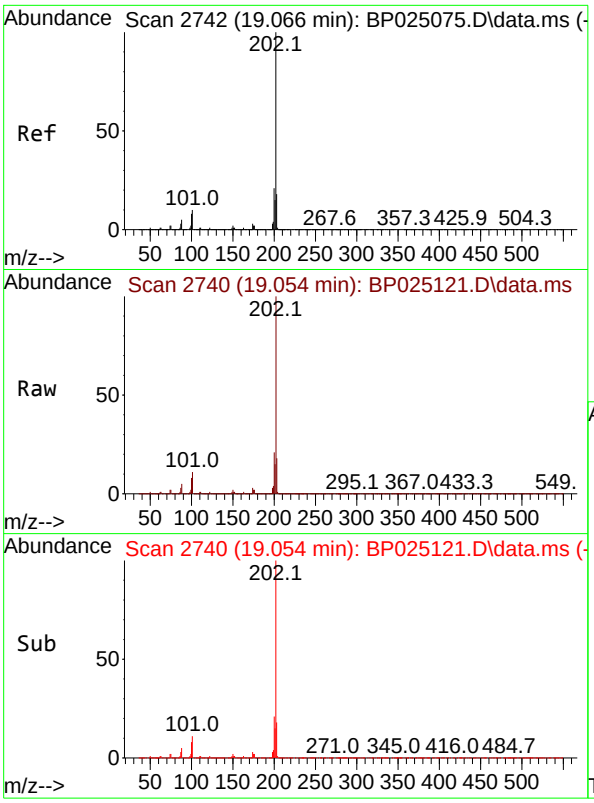


#74
Di-n-butylphthalate
Concen: 43.657 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:149 Resp: 6634771

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.7	3.8	5.6





#75
Fluoranthene
Concen: 40.052 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:202 Resp: 681144

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.6	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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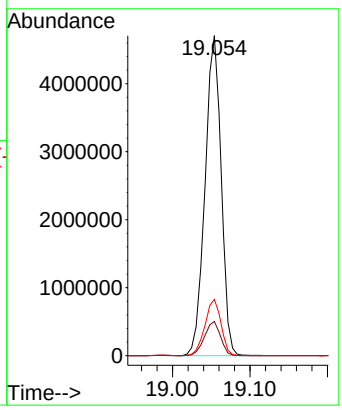
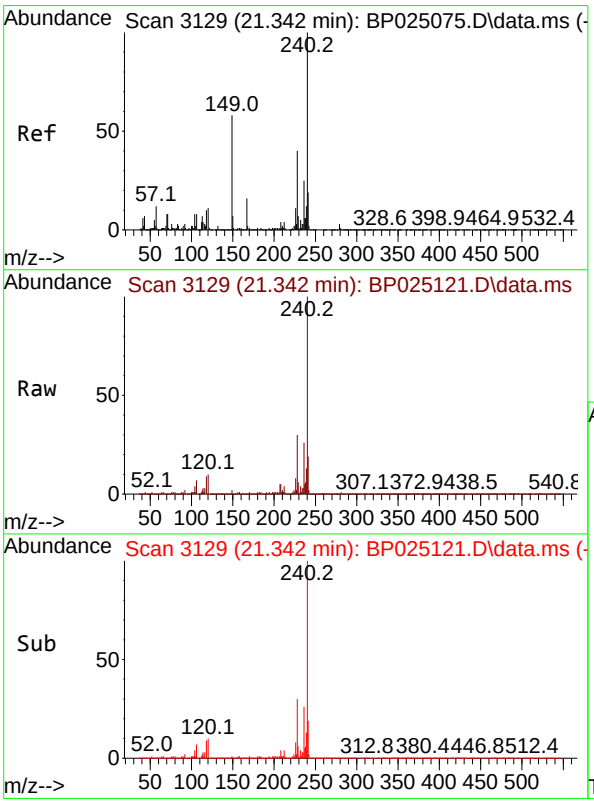
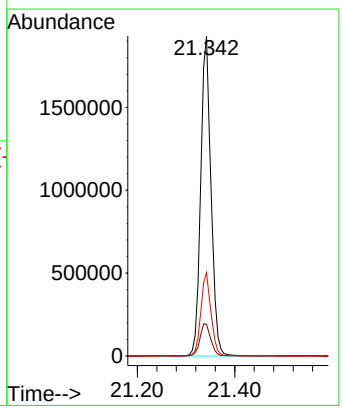


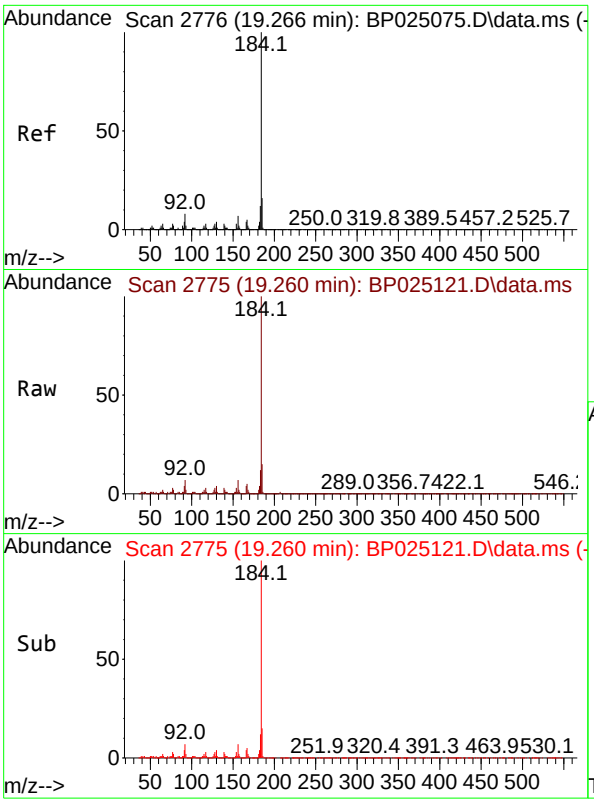


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:240 Resp: 2822672

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.4
236	26.0	20.3	30.5

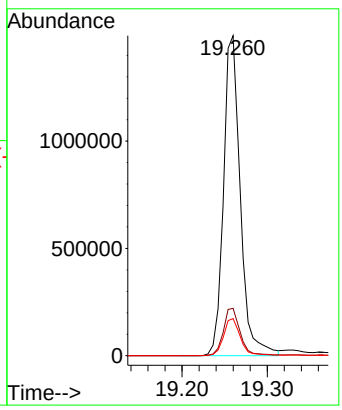




#77
Benzidine
Concen: 40.945 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:184 Resp: 204118

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.6	9.4	14.2



Instrument :
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ClientSampleId :
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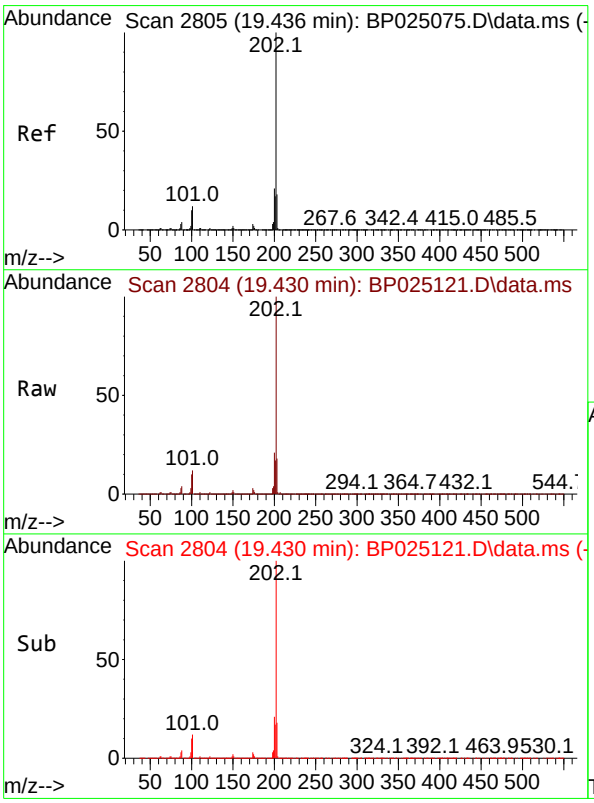
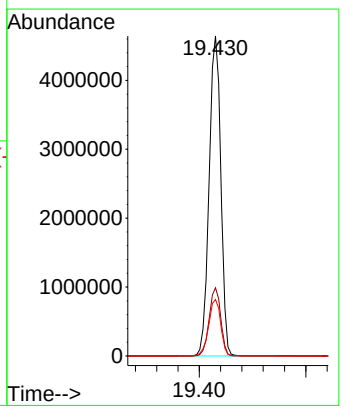
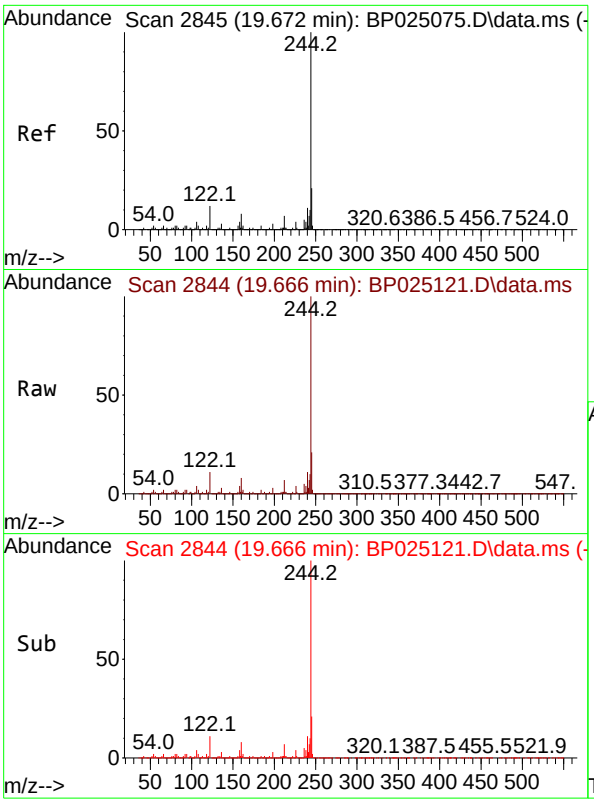


#78
Pyrene
Concen: 40.388 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:202 Resp: 7061019

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.6	14.1	21.1

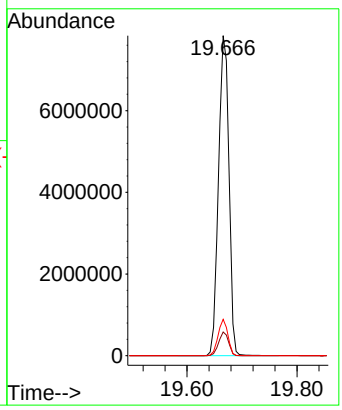




#79
Terphenyl-d14
Concen: 80.478 ng
RT: 19.666 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:244 Resp:1033599

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.3	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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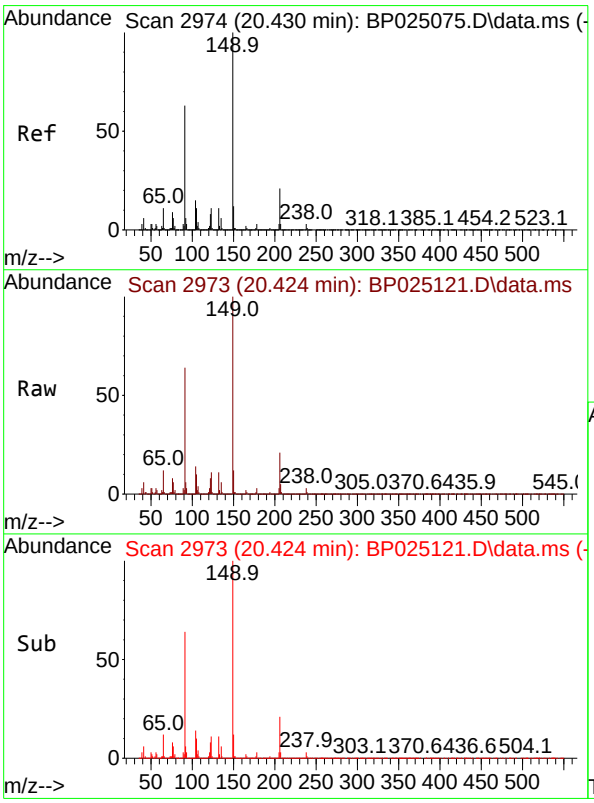
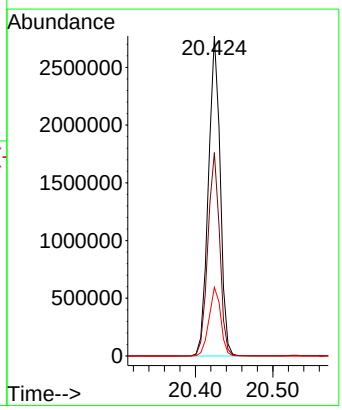
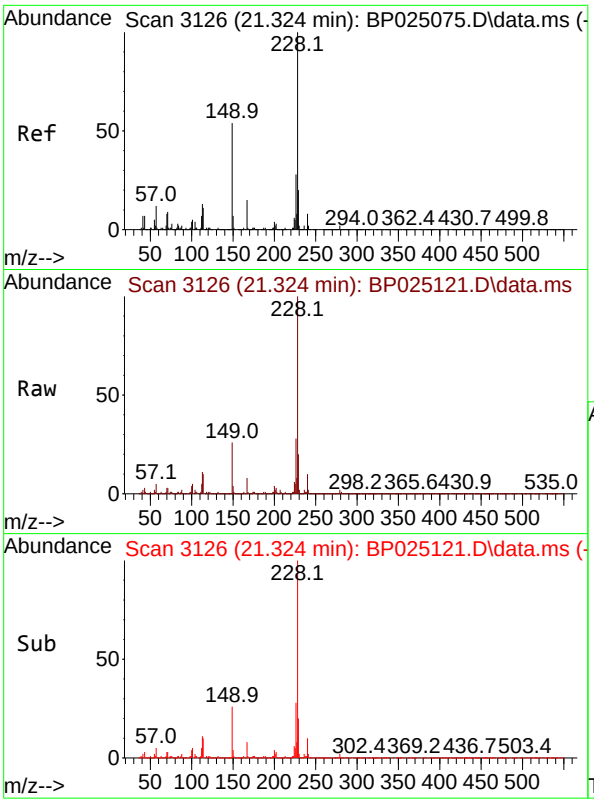


#80
Butylbenzylphthalate
Concen: 43.786 ng
RT: 20.424 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:149 Resp: 2925760

Ion	Ratio	Lower	Upper
149	100		
91	63.5	50.6	76.0
206	21.5	17.2	25.8





#81
Benzo(a)anthracene
Concen: 39.713 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:228 Resp: 679320

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.9	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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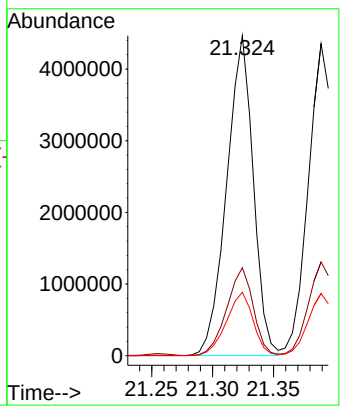
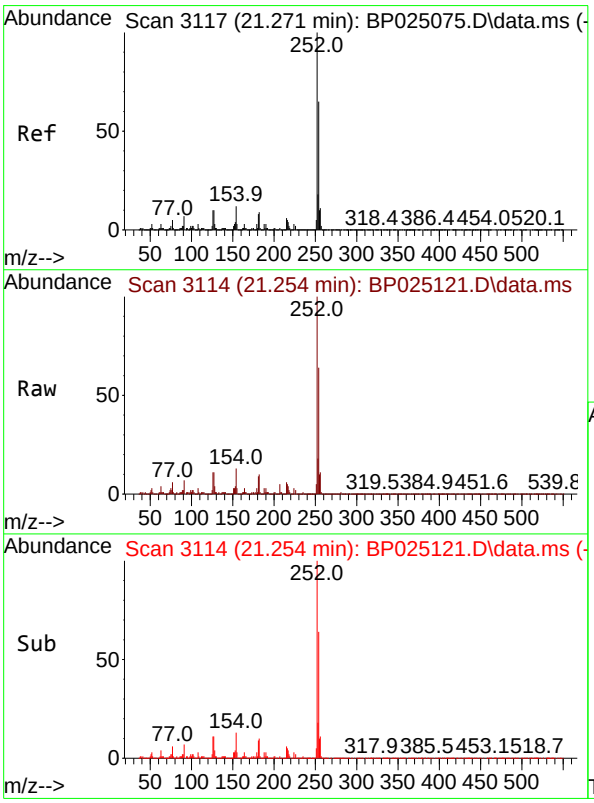
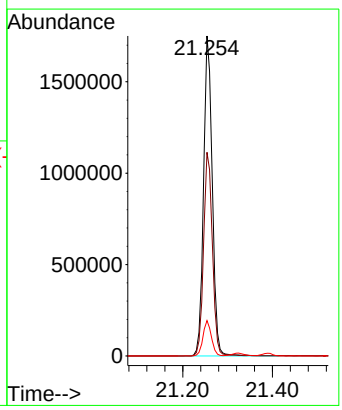


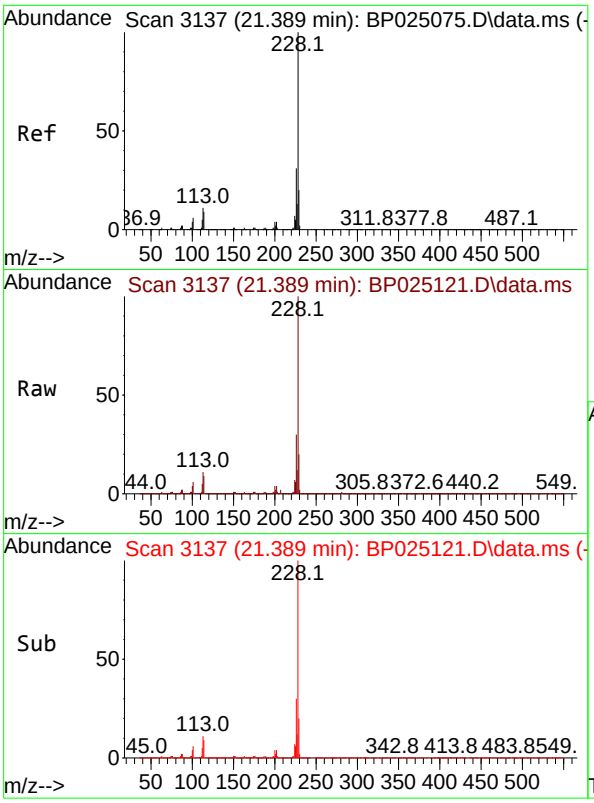


#82
3,3'-Dichlorobenzidine
Concen: 45.835 ng
RT: 21.254 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:252 Resp: 2360253

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	11.1	8.1	12.1





#83
Chrysene
Concen: 39.428 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:228 Resp: 649052

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	20.0	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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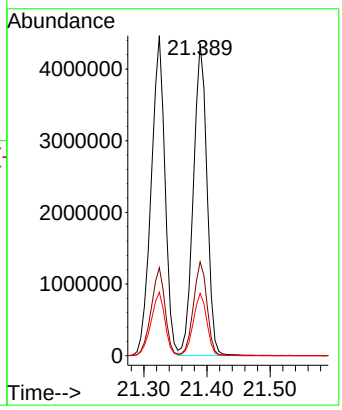
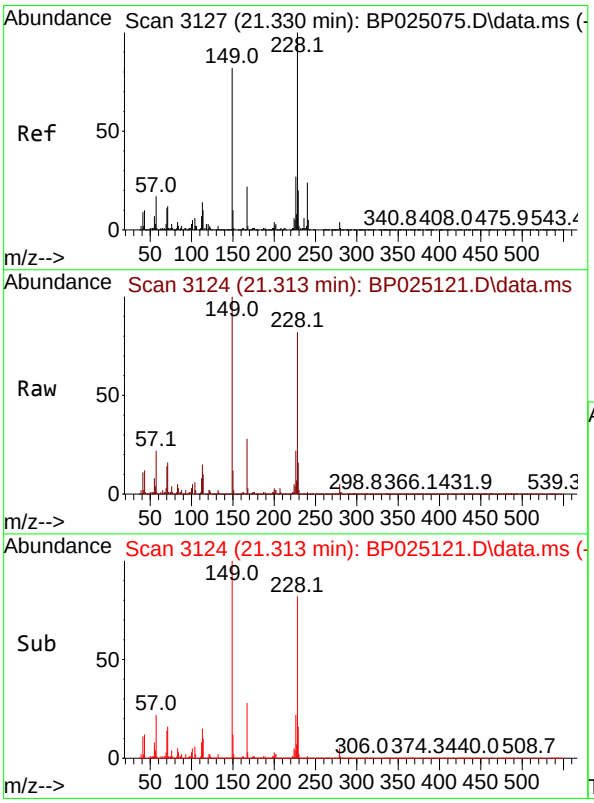
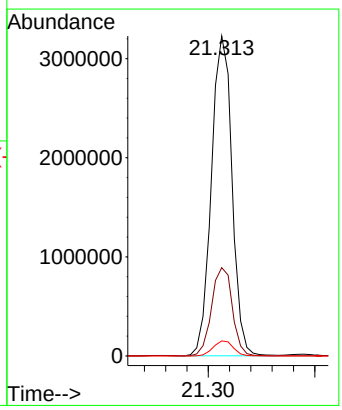


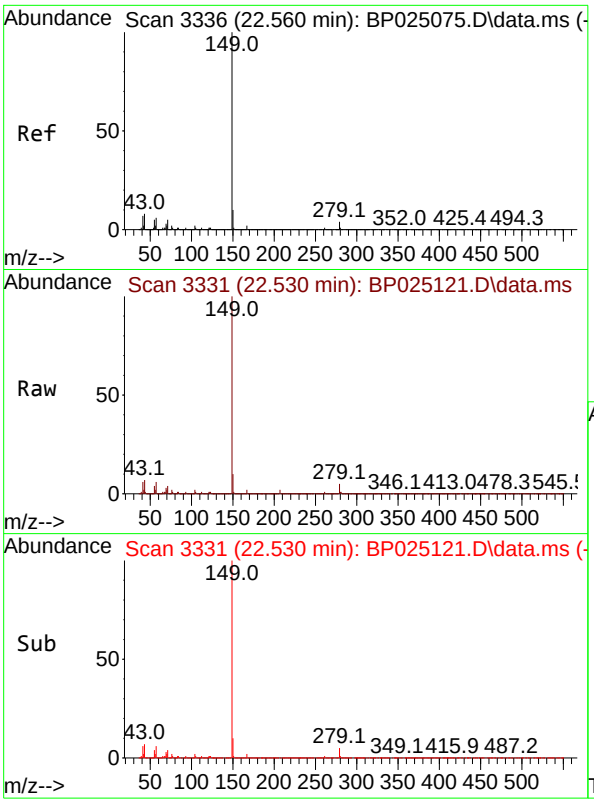


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.115 ng
RT: 21.313 min Scan# 3124
Delta R.T. -0.018 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:149 Resp: 4322945

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	4.7	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 43.571 ng
RT: 22.530 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:149 Resp: 722206

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.8	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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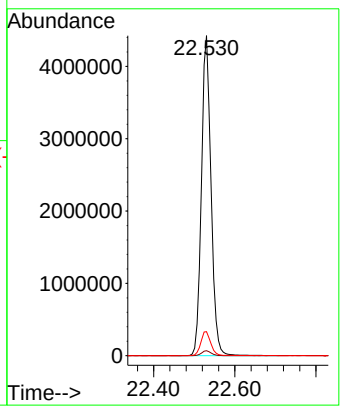
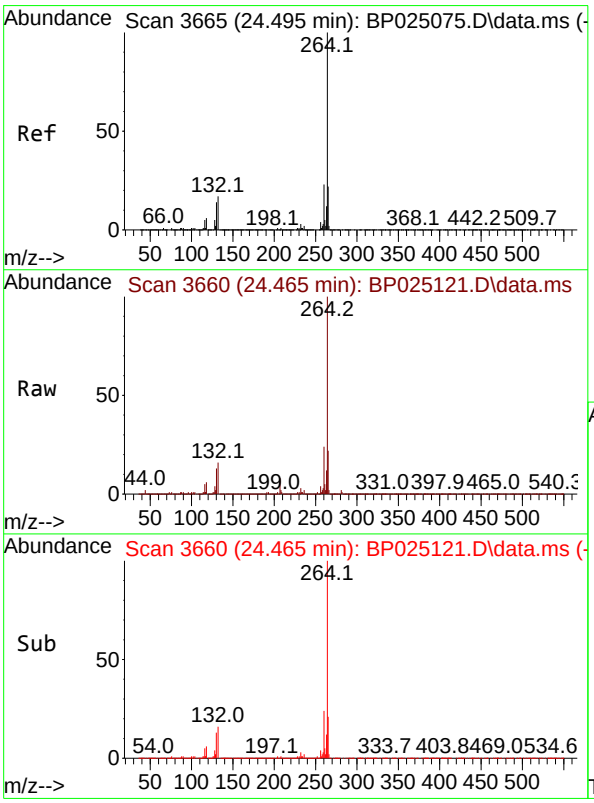
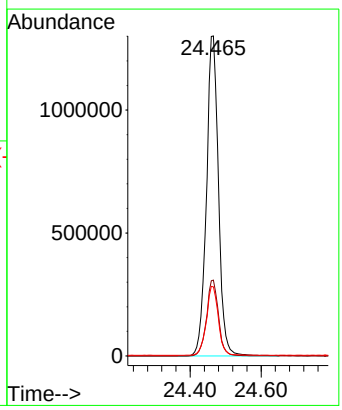


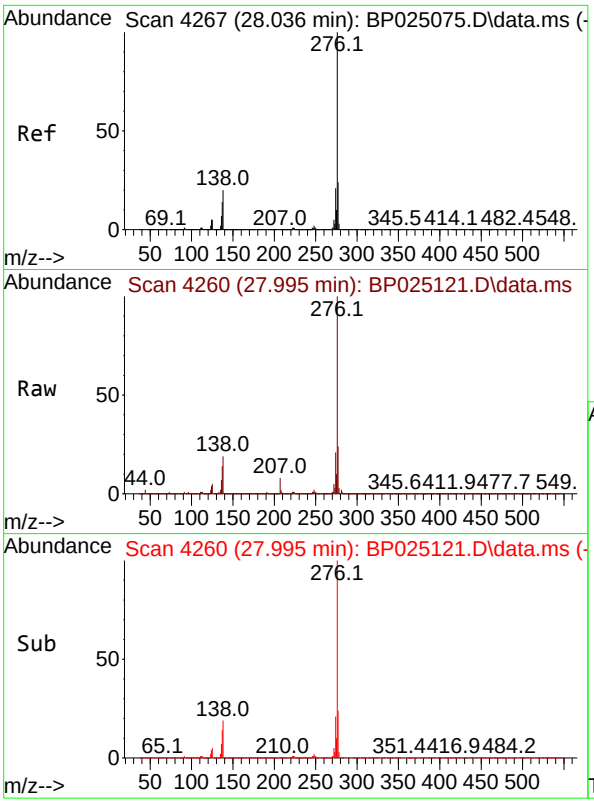


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:264 Resp: 3067857

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.6	17.7	26.5

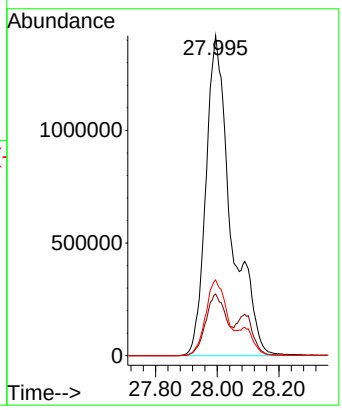




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.298 ng m
RT: 27.995 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:276 Resp: 807134

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.6
277	20.3	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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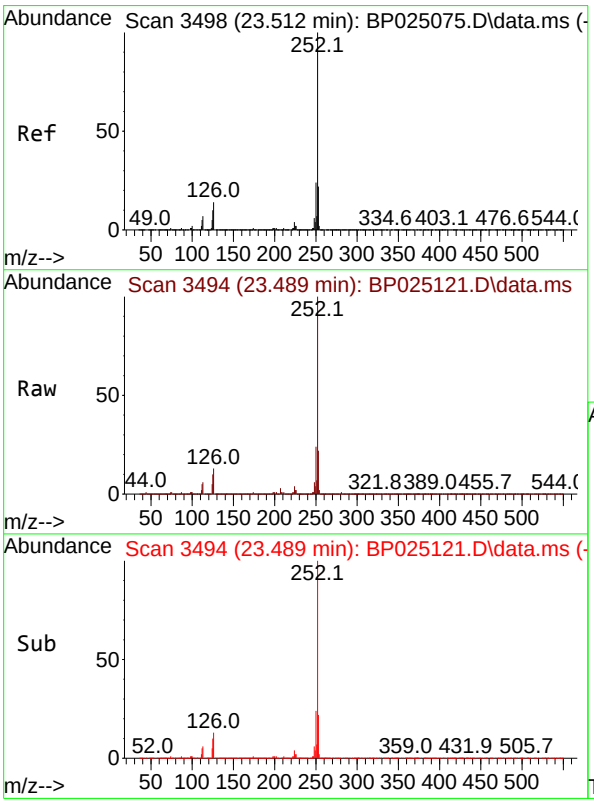
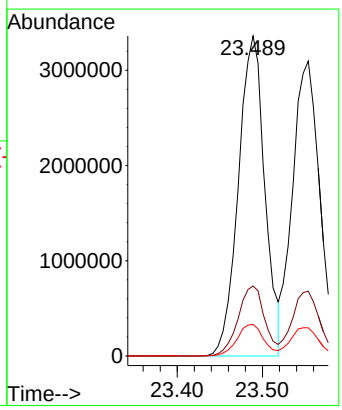
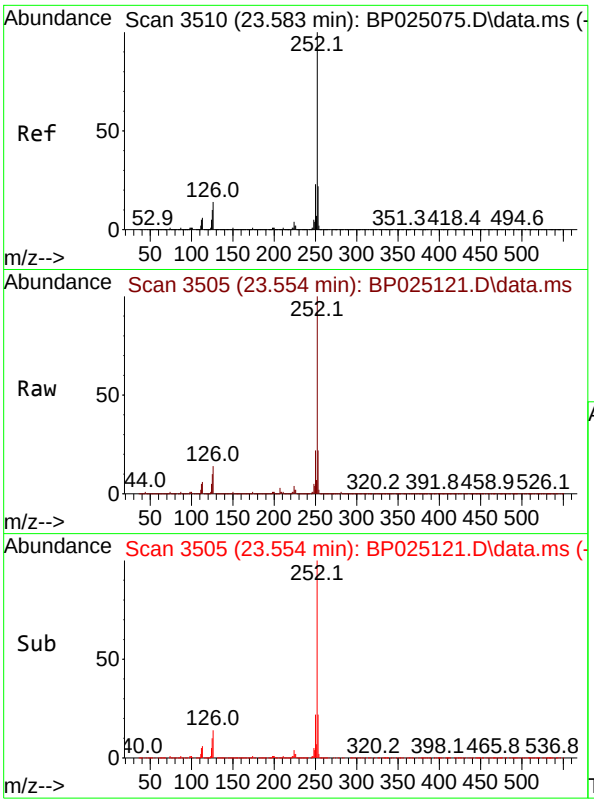


#88
Benzo(b)fluoranthene
Concen: 40.529 ng
RT: 23.489 min Scan# 3494
Delta R.T. -0.023 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:252 Resp: 7236993

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.1	12.1

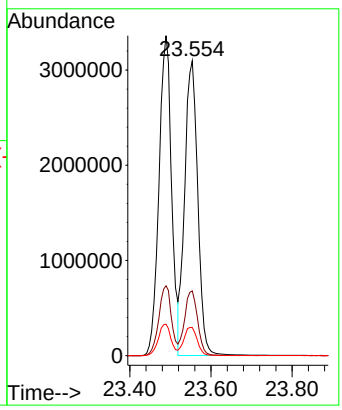




#89
Benzo(k)fluoranthene
Concen: 39.000 ng
RT: 23.554 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:252 Resp: 692912

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.6	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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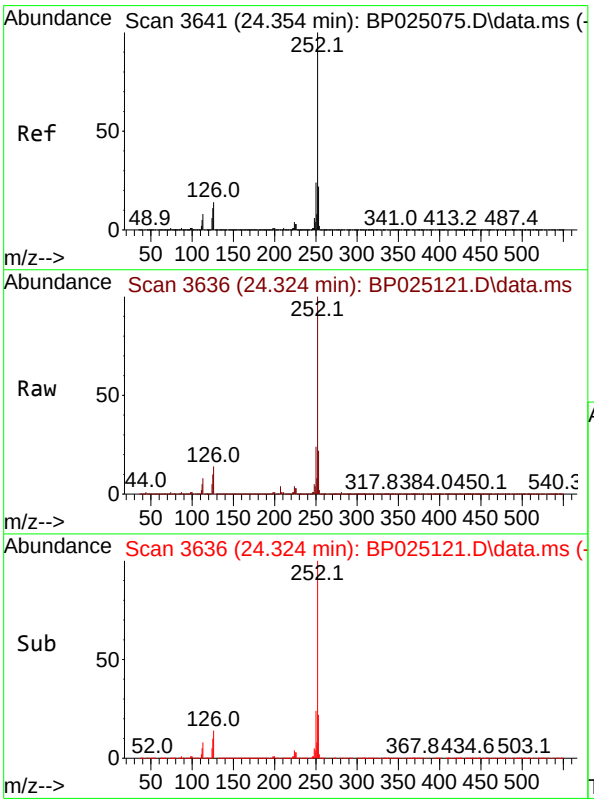
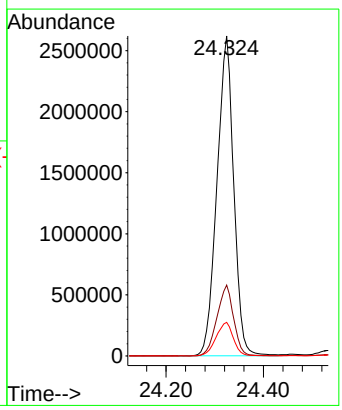
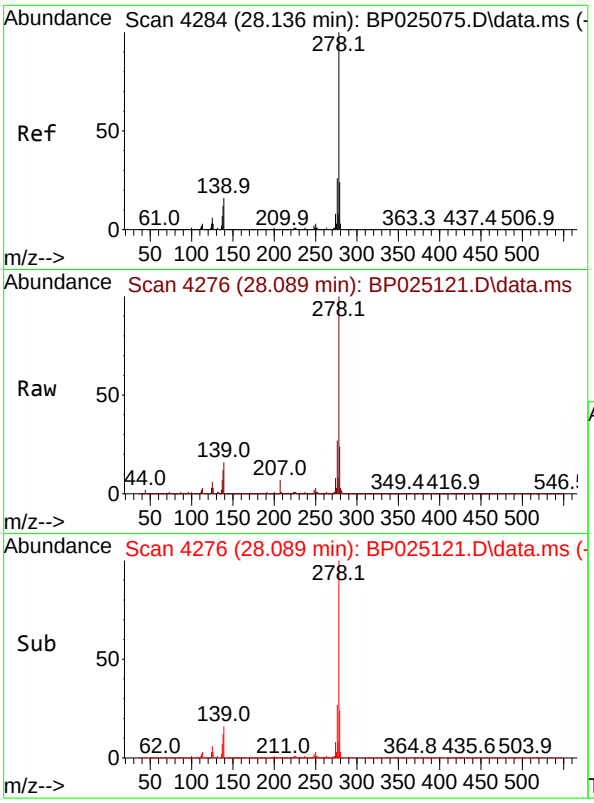


#90
Benzo(a)pyrene
Concen: 41.325 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:252 Resp: 6280457

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	9.0	13.4

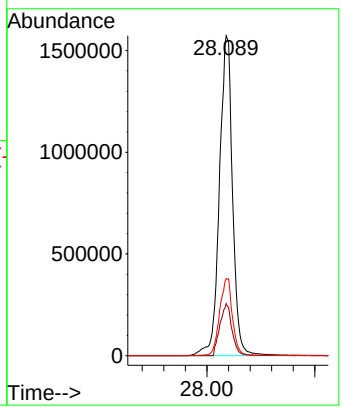




#91
Dibenzo(a,h)anthracene
Concen: 41.216 ng
RT: 28.089 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:278 Resp: 665841

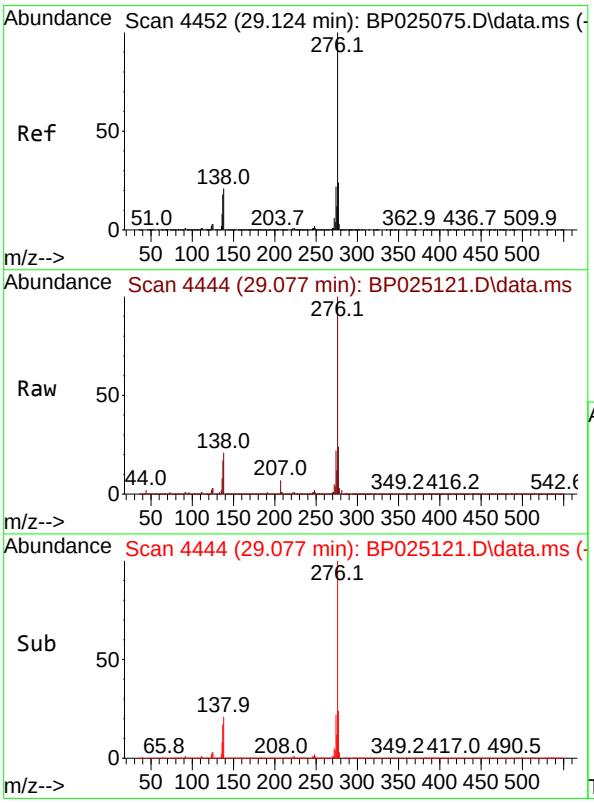
Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.1	19.7
279	24.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

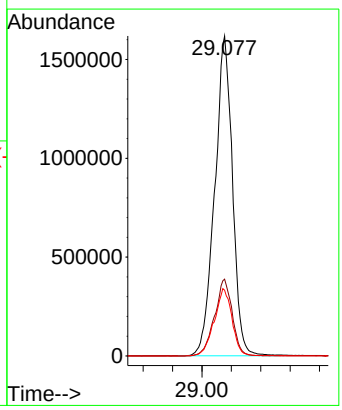
Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025



#92
Benzo(g,h,i)perylene
Concen: 40.657 ng
RT: 29.077 min Scan# 4444
Delta R.T. -0.047 min
Lab File: BP025121.D
Acq: 14 Jul 2025 15:36

Tgt Ion:276 Resp: 6785112

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	20.6	16.9	25.3



Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	129	0.00
2		1,4-Dioxane	0.439	0.407	7.3	120	0.00
3		Pyridine	1.202	1.153	4.1	121	0.00
4		n-Nitrosodimethylamine	0.509	0.489	3.9	124	0.00
5	S	2-Fluorophenol	1.129	1.125	0.4	128	0.00
6		Aniline	1.376	1.357	1.4	126	0.00
7	S	Phenol-d6	1.473	1.478	-0.3	130	0.00
8		2-Chlorophenol	1.263	1.279	-1.3	131	0.00
9		Benzaldehyde	0.769	0.755	1.8	134	0.00
10	C	Phenol	1.497	1.478	1.3	129	0.00
11		bis(2-Chloroethyl)ether	1.152	1.122	2.6	129	0.00
12		1,3-Dichlorobenzene	1.413	1.390	1.6	130	0.00
13	C	1,4-Dichlorobenzene	1.431	1.413	1.3	130	0.00
14		1,2-Dichlorobenzene	1.377	1.357	1.5	129	0.00
15		Benzyl Alcohol	0.983	1.027	-4.5	138	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.393	7.0	125	0.00
17		2-Methylphenol	0.964	0.983	-2.0	131	0.00
18		Hexachloroethane	0.466	0.484	-3.9	135	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.865	1.0	129	0.00
20		3+4-Methylphenols	1.350	1.378	-2.1	133	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	132	0.00
22		Acetophenone	0.473	0.457	3.4	129	0.00
23	S	Nitrobenzene-d5	0.301	0.310	-3.0	133	0.00
24		Nitrobenzene	0.306	0.313	-2.3	133	0.00
25		Isophorone	0.562	0.563	-0.2	133	0.00
26	C	2-Nitrophenol	0.128	0.162	-26.6#	160#	0.00
27		2,4-Dimethylphenol	0.210	0.210	0.0	133	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	133	0.00
29	C	2,4-Dichlorophenol	0.291	0.304	-4.5	134	0.00
30		1,2,4-Trichlorobenzene	0.322	0.324	-0.6	134	0.00
31		Naphthalene	1.030	1.009	2.0	132	0.00
32		Benzoic acid	0.185	0.218	-17.8	154#	0.02
33		4-Chloroaniline	0.384	0.382	0.5	129	0.00
34	C	Hexachlorobutadiene	0.185	0.191	-3.2	138	0.00
35		Caprolactam	0.099	0.099	0.0	130	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.316	-3.9	135	0.00
37		2-Methylnaphthalene	0.727	0.721	0.8	132	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	133	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	133	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.590	-2.6	135	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.177	-18.0	158#	-0.01
42	S	2,4,6-Tribromophenol	0.236	0.267	-13.1	145	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.382	-9.8	138	0.00
44		2,4,5-Trichlorophenol	0.394	0.423	-7.4	137	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	132	0.00
46		1,1'-Biphenyl	1.455	1.436	1.3	131	0.00
47		2-Chloronaphthalene	1.094	1.091	0.3	133	-0.01

Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	0.237	0.274	-15.6	141	0.00
49		Acenaphthylene	1.674	1.692	-1.1	132	0.00
50		Dimethylphthalate	1.400	1.391	0.6	131	0.00
51		2,6-Dinitrotoluene	0.273	0.302	-10.6	136	0.00
52	C	Acenaphthene	1.079	1.059	1.9	132	0.00
53		3-Nitroaniline	0.293	0.327	-11.6	135	0.00
54	P	2,4-Dinitrophenol	0.114	0.138	-21.1	157#	0.00
55		Dibenzofuran	1.781	1.754	1.5	132	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	133	0.00
57		2,4-Dinitrotoluene	0.356	0.417	-17.1	142	0.00
58		Fluorene	1.377	1.369	0.6	131	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.390	-9.2	140	0.00
60		Diethylphthalate	1.406	1.429	-1.6	133	0.00
61		4-Chlorophenyl-phenylether	0.682	0.682	0.0	134	0.00
62		4-Nitroaniline	0.307	0.337	-9.8	131	0.00
63		Azobenzene	1.252	1.223	2.3	129	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	132	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.098	-19.5	158#	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.575	-0.5	132	0.00
67		4-Bromophenyl-phenylether	0.205	0.215	-4.9	139	0.00
68		Hexachlorobenzene	0.250	0.254	-1.6	136	0.00
69		Atrazine	0.168	0.150	10.7	115	0.00
70	C	Pentachlorophenol	0.169	0.187	-10.7	144	0.00
71		Phenanthrene	1.069	1.053	1.5	130	0.00
72		Anthracene	1.025	1.012	1.3	129	0.00
73		Carbazole	1.002	0.986	1.6	127	0.00
74		Di-n-butylphthalate	1.116	1.218	-9.1	135	0.00
75	C	Fluoranthene	1.249	1.251	-0.2	128	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	125	0.00
77		Benzidine	0.353	0.362	-2.5	79	0.00
78		Pyrene	1.239	1.251	-1.0	127	0.00
79	S	Terphenyl-d14	0.910	0.915	-0.5	125	0.00
80		Butylbenzylphthalate	0.402	0.518	-28.9#	147	0.00
81		Benzo(a)anthracene	1.212	1.203	0.7	123	0.00
82		3,3'-Dichlorobenzidine	0.365	0.418	-14.5	134	-0.02
83		Chrysene	1.166	1.150	1.4	124	0.00
84		Bis(2-ethylhexyl)phthalate	0.650	0.766	-17.8	136	-0.02
85	c	Di-n-octyl phthalate	1.054	1.279	-21.3#	146	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	126	-0.03
87		Indeno(1,2,3-cd)pyrene	1.274	1.315	-3.2	125	-0.04
88		Benzo(b)fluoranthene	1.164	1.179	-1.3	124	-0.02
89		Benzo(k)fluoranthene	1.158	1.129	2.5	124	-0.03
90	C	Benzo(a)pyrene	0.991	1.024	-3.3	125	-0.03
91		Dibenzo(a,h)anthracene	1.053	1.085	-3.0	125	-0.05
92		Benzo(g,h,i)perylene	1.088	1.106	-1.7	124	-0.05

Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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 = 2

Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	129	0.00
2		1,4-Dioxane	40.000	37.085	7.3	120	0.00
3		Pyridine	40.000	38.382	4.0	121	0.00
4		n-Nitrosodimethylamine	40.000	38.408	4.0	124	0.00
5	S	2-Fluorophenol	80.000	79.708	0.4	128	0.00
6		Aniline	40.000	39.442	1.4	126	0.00
7	S	Phenol-d6	80.000	80.291	-0.4	130	0.00
8		2-Chlorophenol	40.000	40.508	-1.3	131	0.00
9		Benzaldehyde	40.000	39.275	1.8	134	0.00
10	C	Phenol	40.000	39.511	1.2	129	0.00
11		bis(2-Chloroethyl)ether	40.000	38.961	2.6	129	0.00
12		1,3-Dichlorobenzene	40.000	39.341	1.6	130	0.00
13	C	1,4-Dichlorobenzene	40.000	39.496	1.3	130	0.00
14		1,2-Dichlorobenzene	40.000	39.436	1.4	129	0.00
15		Benzyl Alcohol	40.000	41.768	-4.4	138	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.210	7.0	125	0.00
17		2-Methylphenol	40.000	40.796	-2.0	131	0.00
18		Hexachloroethane	40.000	41.537	-3.8	135	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.621	0.9	129	0.00
20		3+4-Methylphenols	40.000	40.815	-2.0	133	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	132	0.00
22		Acetophenone	40.000	38.627	3.4	129	0.00
23	S	Nitrobenzene-d5	80.000	82.515	-3.1	133	0.00
24		Nitrobenzene	40.000	40.808	-2.0	133	0.00
25		Isophorone	40.000	40.050	-0.1	133	0.00
26	C	2-Nitrophenol	40.000	43.921	-9.8	160	0.00
27		2,4-Dimethylphenol	40.000	40.155	-0.4	133	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.519	1.2	133	0.00
29	C	2,4-Dichlorophenol	40.000	41.824	-4.6	134	0.00
30		1,2,4-Trichlorobenzene	40.000	40.269	-0.7	134	0.00
31		Naphthalene	40.000	39.196	2.0	132	0.00
32		Benzoic acid	40.000	42.382	-6.0	154	0.02
33		4-Chloroaniline	40.000	39.799	0.5	129	0.00
34	C	Hexachlorobutadiene	40.000	41.302	-3.3	138	0.00
35		Caprolactam	40.000	39.792	0.5	130	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.633	-4.1	135	0.00
37		2-Methylnaphthalene	40.000	39.691	0.8	132	0.00
38		1-Methylnaphthalene	40.000	39.302	1.7	133	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	133	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.065	-2.7	135	0.00
41	P	Hexachlorocyclopentadiene	40.000	47.038	-17.6	158	-0.01
42	S	2,4,6-Tribromophenol	80.000	90.534	-13.2	145	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.923	-9.8	138	0.00
44		2,4,5-Trichlorophenol	40.000	42.929	-7.3	137	0.00
45	S	2-Fluorobiphenyl	80.000	78.719	1.6	132	0.00
46		1,1'-Biphenyl	40.000	39.468	1.3	131	0.00
47		2-Chloronaphthalene	40.000	39.883	0.3	133	-0.01

Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	41.340	-3.4	141	0.00
49		Acenaphthylene	40.000	40.432	-1.1	132	0.00
50		Dimethylphthalate	40.000	39.745	0.6	131	0.00
51		2,6-Dinitrotoluene	40.000	44.258	-10.6	136	0.00
52	C	Acenaphthene	40.000	39.270	1.8	132	0.00
53		3-Nitroaniline	40.000	44.664	-11.7	135	0.00
54	P	2,4-Dinitrophenol	40.000	44.033	-10.1	157	0.00
55		Dibenzofuran	40.000	39.396	1.5	132	0.00
56	P	4-Nitrophenol	40.000	42.357	-5.9	133	0.00
57		2,4-Dinitrotoluene	40.000	41.952	-4.9	142	0.00
58		Fluorene	40.000	39.747	0.6	131	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.672	-9.2	140	0.00
60		Diethylphthalate	40.000	40.657	-1.6	133	0.00
61		4-Chlorophenyl-phenylether	40.000	40.005	-0.0	134	0.00
62		4-Nitroaniline	40.000	43.967	-9.9	131	0.00
63		Azobenzene	40.000	39.068	2.3	129	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	132	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.532	-8.8	158	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.151	-0.4	132	0.00
67		4-Bromophenyl-phenylether	40.000	42.017	-5.0	139	0.00
68		Hexachlorobenzene	40.000	40.644	-1.6	136	0.00
69		Atrazine	40.000	35.680	10.8	115	0.00
70	C	Pentachlorophenol	40.000	44.288	-10.7	144	0.00
71		Phenanthrene	40.000	39.423	1.4	130	0.00
72		Anthracene	40.000	39.471	1.3	129	0.00
73		Carbazole	40.000	39.354	1.6	127	0.00
74		Di-n-butylphthalate	40.000	43.657	-9.1	135	0.00
75	C	Fluoranthene	40.000	40.052	-0.1	128	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	125	0.00
77		Benzidine	40.000	40.945	-2.4	79	0.00
78		Pyrene	40.000	40.388	-1.0	127	0.00
79	S	Terphenyl-d14	80.000	80.478	-0.6	125	0.00
80		Butylbenzylphthalate	40.000	43.786	-9.5	147	0.00
81		Benzo(a)anthracene	40.000	39.713	0.7	123	0.00
82		3,3'-Dichlorobenzidine	40.000	45.835	-14.6	134	-0.02
83		Chrysene	40.000	39.428	1.4	124	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	47.115	-17.8	136	-0.02
85	c	Di-n-octyl phthalate	40.000	43.571	-8.9	146	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	126	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	41.298	-3.2	125	-0.04
88		Benzo(b)fluoranthene	40.000	40.529	-1.3	124	-0.02
89		Benzo(k)fluoranthene	40.000	39.000	2.5	124	-0.03
90	C	Benzo(a)pyrene	40.000	41.325	-3.3	125	-0.03
91		Dibenzo(a,h)anthracene	40.000	41.216	-3.0	125	-0.05
92		Benzo(g,h,i)perylene	40.000	40.657	-1.6	124	-0.05

Sample Results: **BP025121.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 14 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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

QC SAMPLE DATA

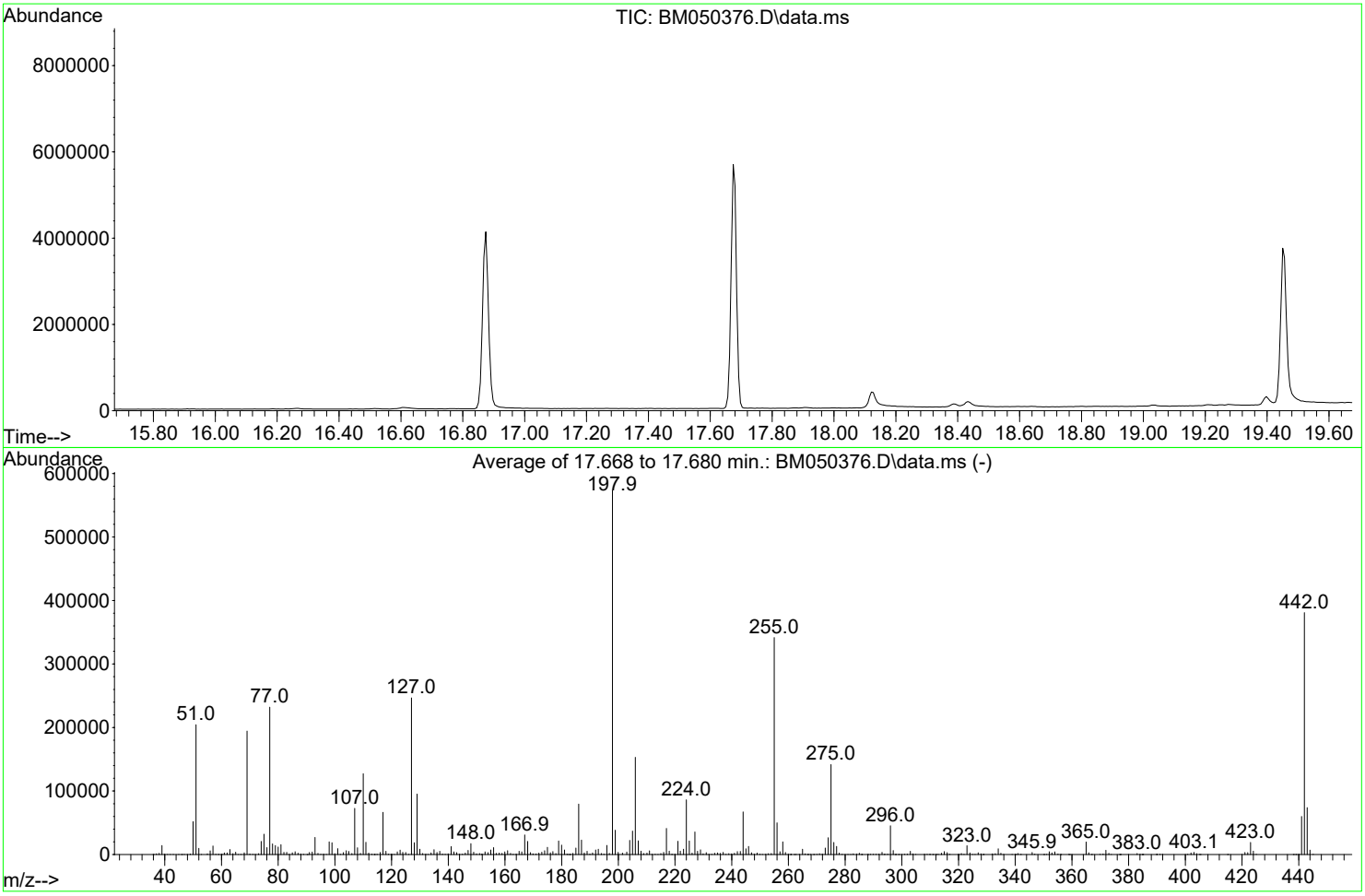
Sample Results: **BM050376.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	2822	PASS
69	69	100	100	100.0	194463	PASS
70	69	0.00	2	0.5	943	PASS
197	198	0.00	2	0.3	1831	PASS
198	198	100	100	100.0	573141	PASS
199	198	5	9	6.7	38261	PASS
365	198	1	100	3.4	19723	PASS
441	443	0.01	150	81.4	60059	PASS
442	442	100	100	100.0	380992	PASS
443	442	15	24	19.4	73781	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_M	BM050376.D
Compound Name	**Response**	**Retention Time**
DDT	1842274	20.692
DDD	18107	20.309
DDE	1079	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19186	1861460	1.03

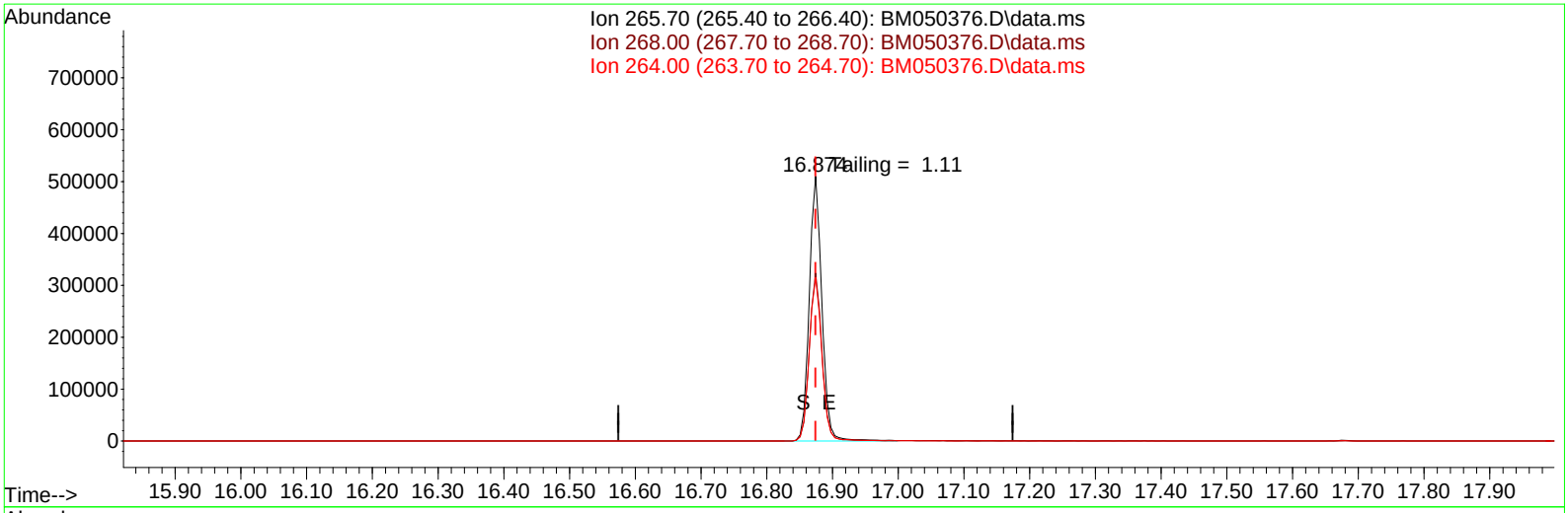
Instrument :
BNA_M
ClientSampleId :
DFTPP

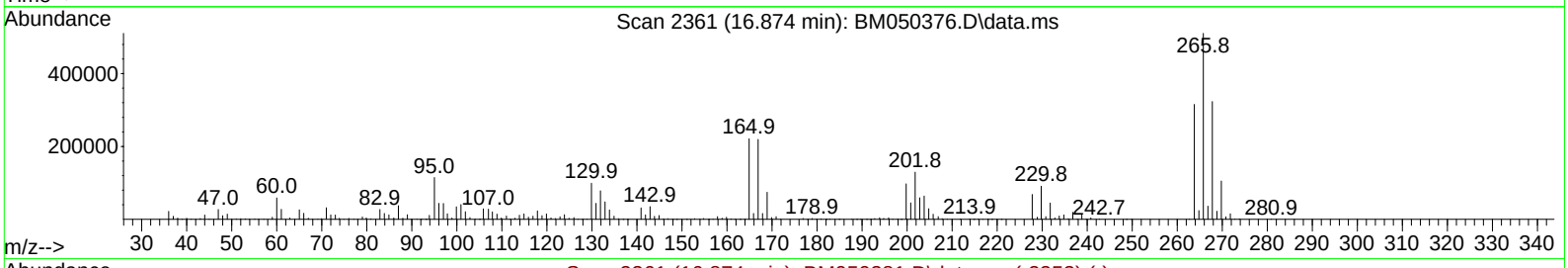
Sample Results: **BM050376.D**

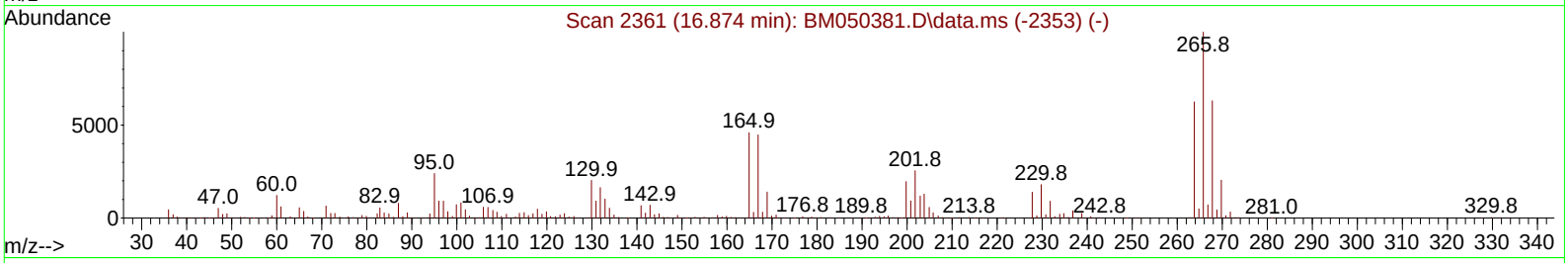
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 0.00 ng

response 680595

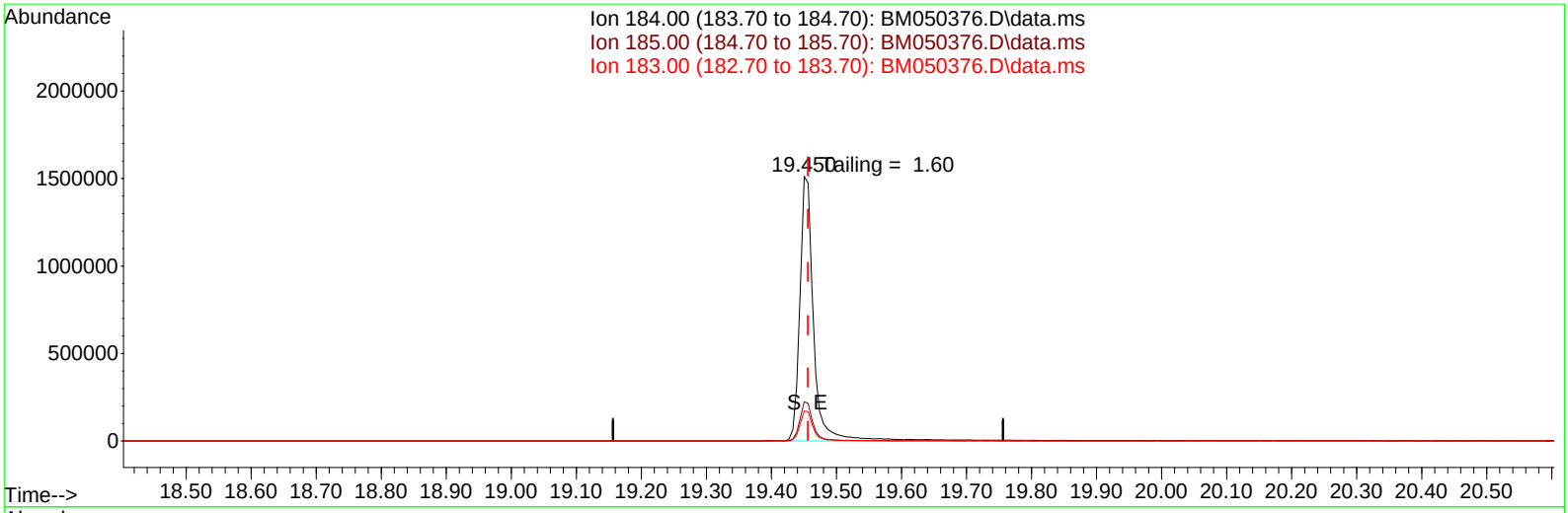
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.37
264.00	62.40	61.79
0.00	0.00	0.00

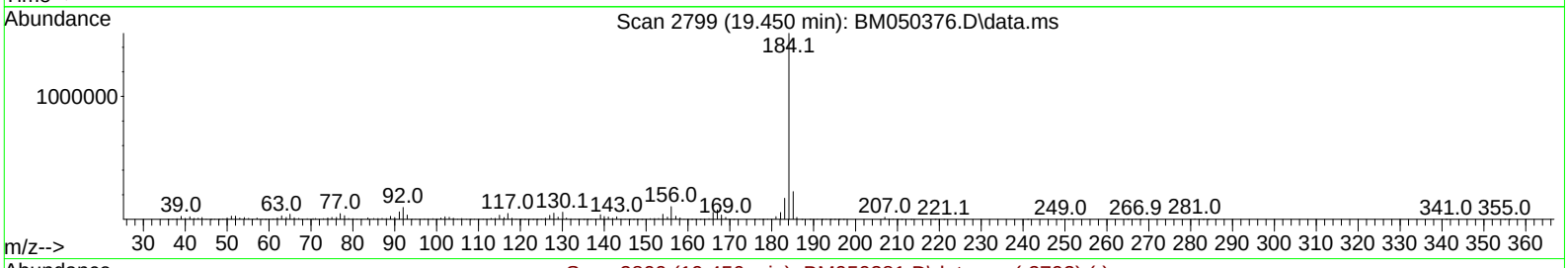
Sample Results: **BM050376.D**

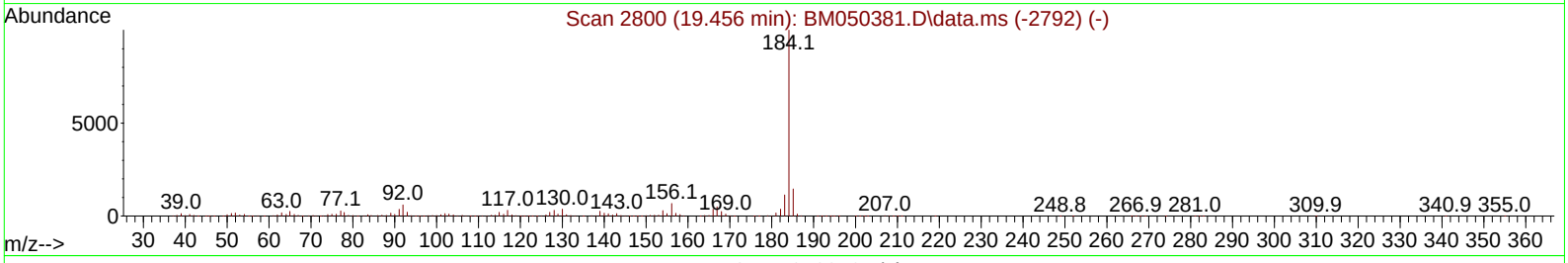
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(77) Benzidine

19.450min (-0.006) 78341.13 ng

response 2201890

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.87
183.00	11.30	11.33
0.00	0.00	0.00

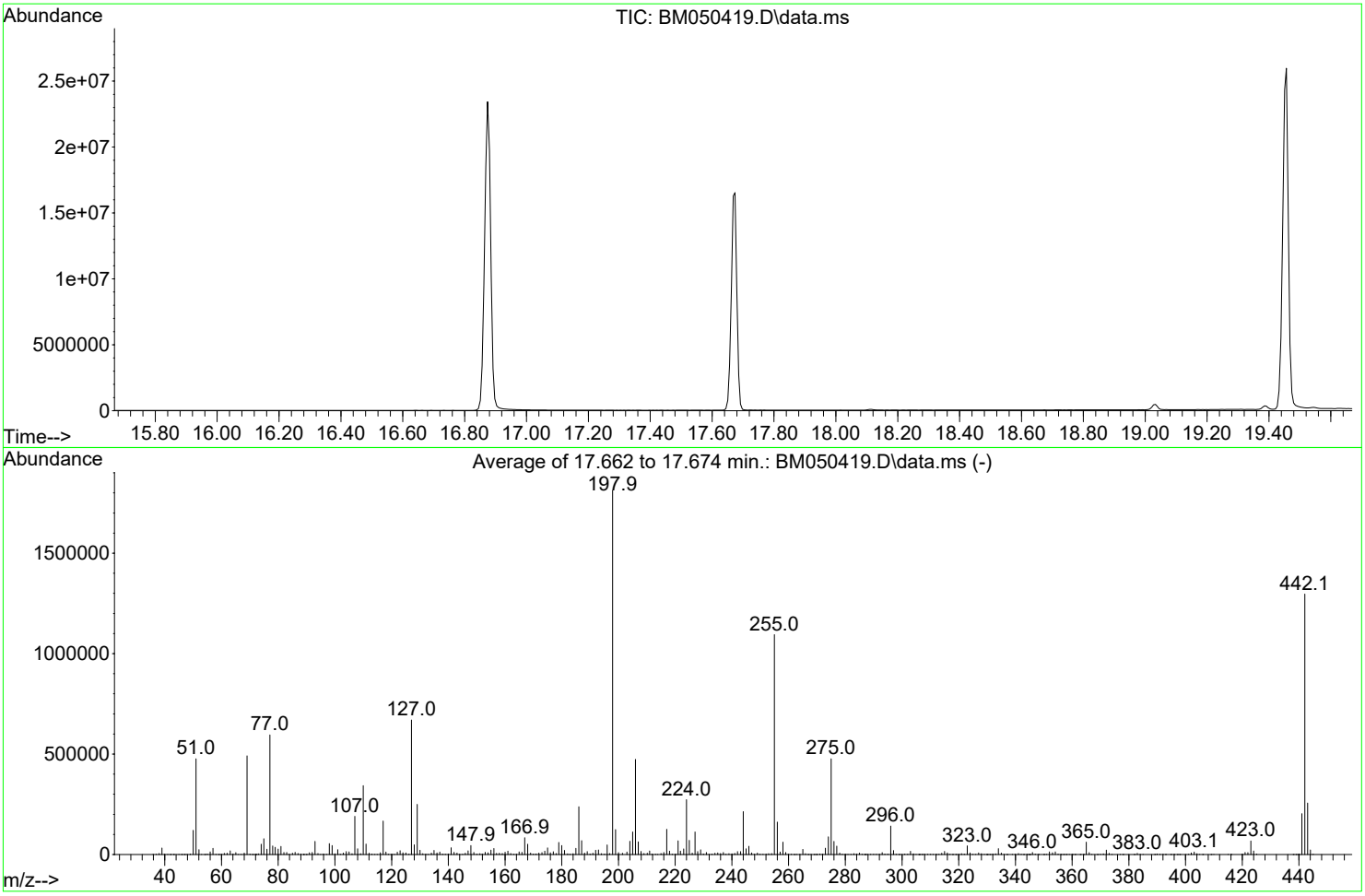
Sample Results: **BM050419.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050419.D
Acq On : 14 Jul 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2488

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	7688	PASS
69	69	100	100	100.0	491019	PASS
70	69	0.00	2	0.5	2482	PASS
197	198	0.00	2	0.3	5418	PASS
198	198	100	100	100.0	1811627	PASS
199	198	5	9	6.9	124381	PASS
365	198	1	100	3.4	61507	PASS
441	443	0.01	150	79.2	203149	PASS
442	442	100	100	100.0	1296320	PASS
443	442	15	24	19.8	256488	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/14/2025	BNA_M	BM050419.D
Compound Name	**Response**	**Retention Time**
DDT	6931002	20.686
DDD	53917	20.303
DDE	7772	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61689	6992691	0.88

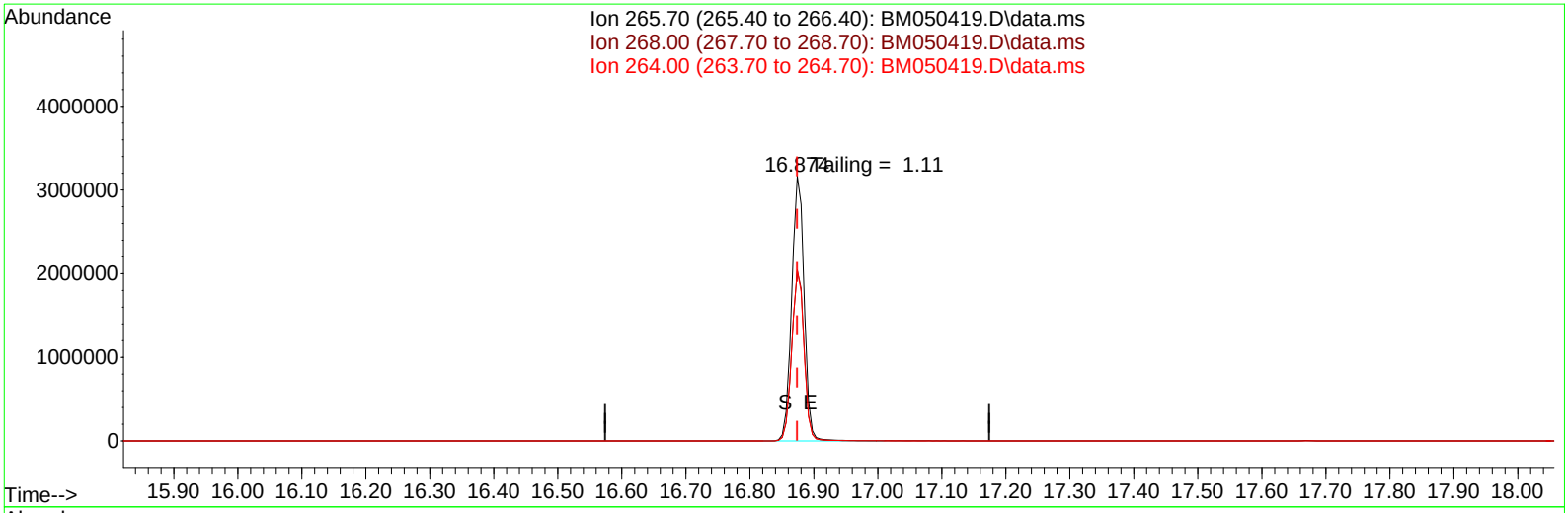
Instrument :
BNA_M
ClientSampleId :
DFTPP

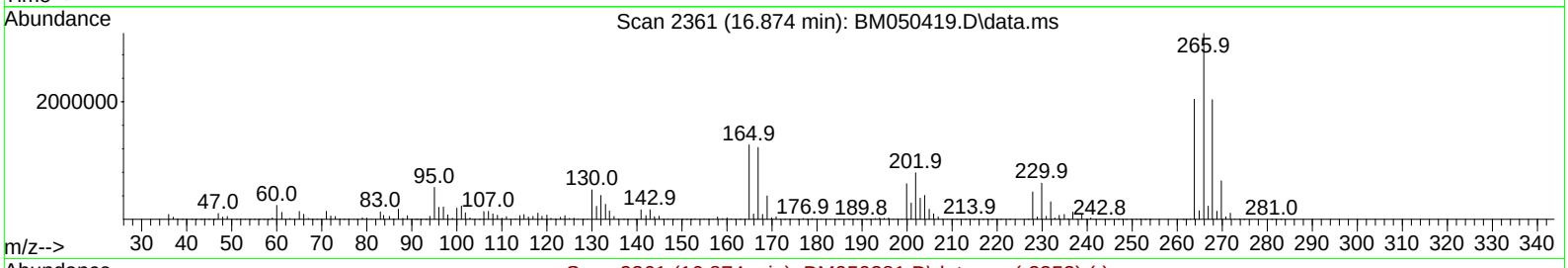
Sample Results: **BM050419.D**

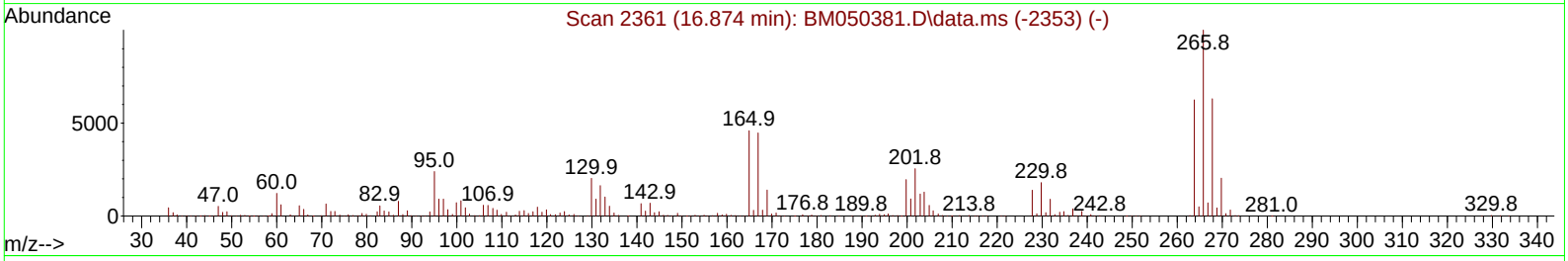
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050419.D
Acq On : 14 Jul 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 14 11:57:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050419.D\data.ms

(70) Pentachlorophenol (C)

16.874min (-0.000) 1727729.72 ng

response 4282661

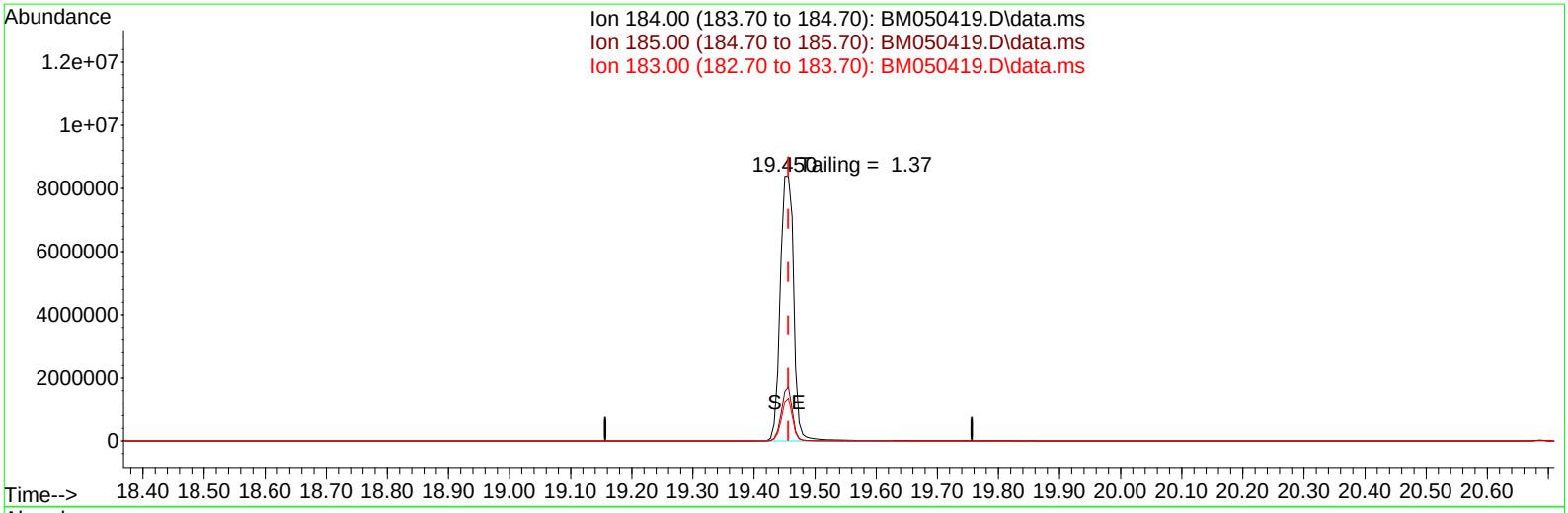
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.32
264.00	62.40	64.56
0.00	0.00	0.00

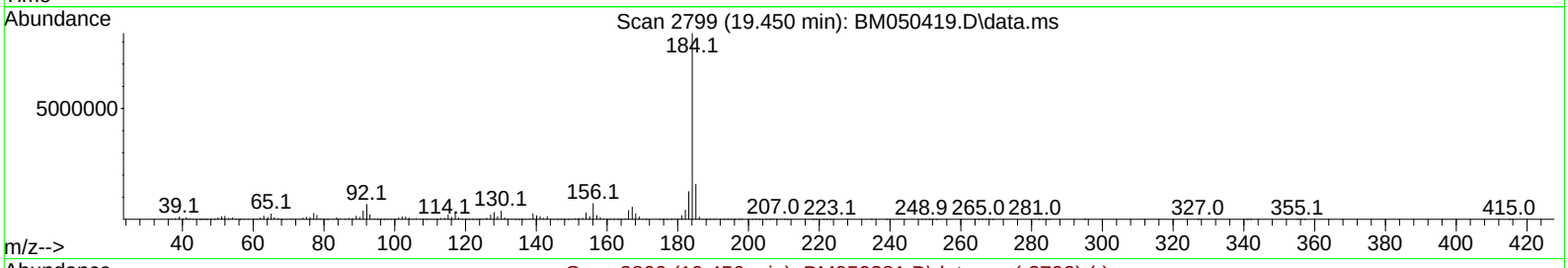
Sample Results: **BM050419.D**

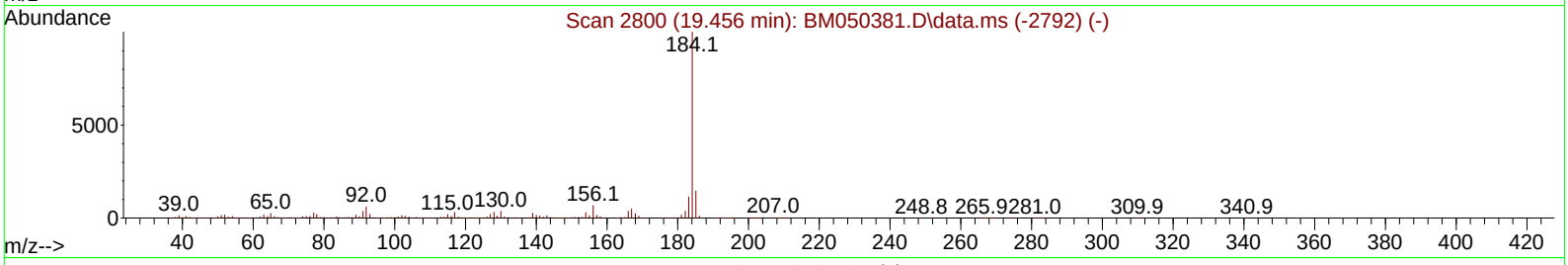
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050419.D
Acq On : 14 Jul 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 14 11:57:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050419.D\data.ms

(77) Benzidine

19.450min (-0.006) 316675.61 ng

response 12931681

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	18.87#
183.00	11.30	14.88#
0.00	0.00	0.00

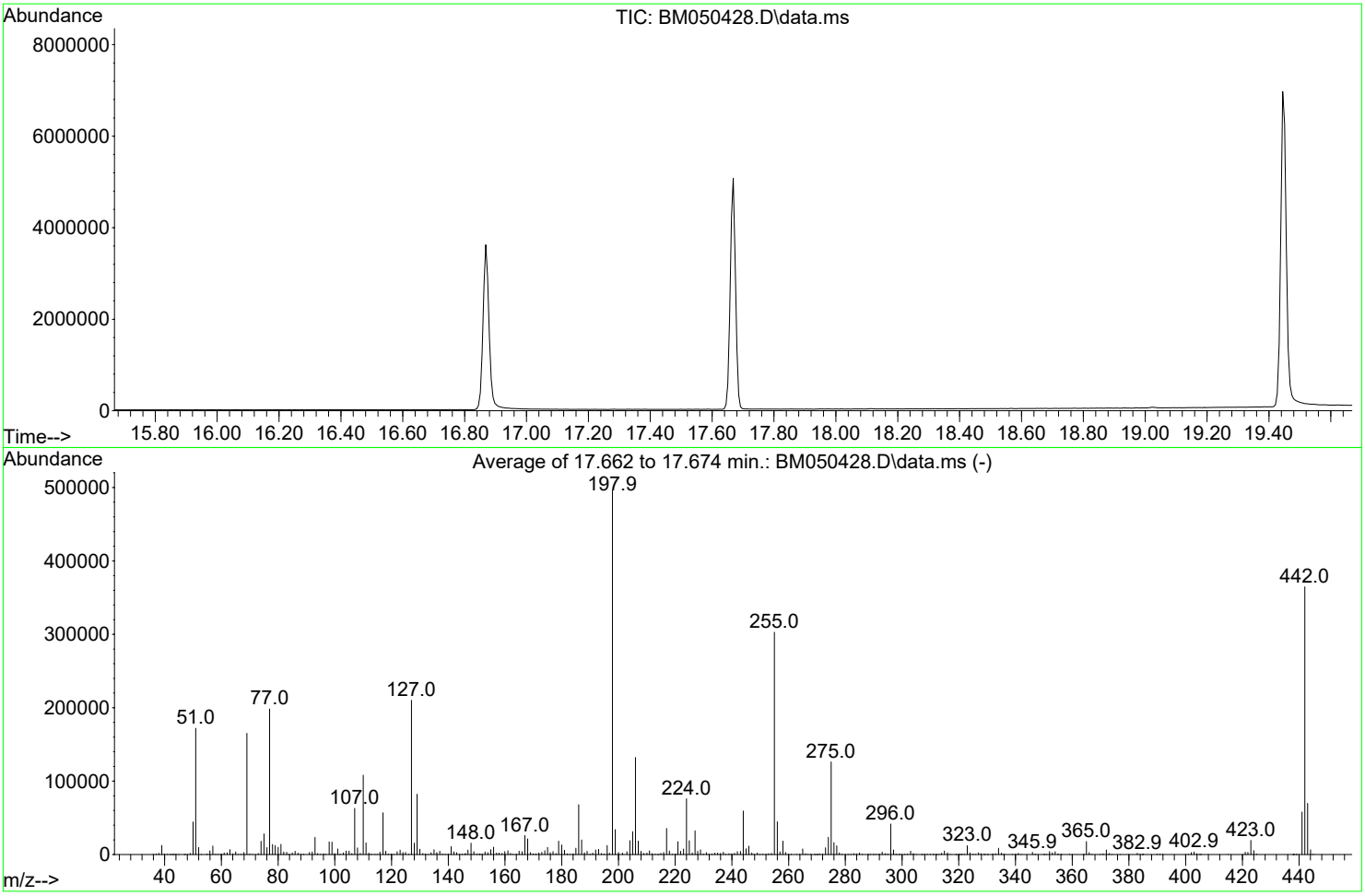
Sample Results: **BM050428.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050428.D
Acq On : 14 Jul 2025 16:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2488

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2833	PASS
69	69	100	100	100.0	165195	PASS
70	69	0.00	2	0.5	890	PASS
197	198	0.00	2	0.4	1830	PASS
198	198	100	100	100.0	495893	PASS
199	198	5	9	6.8	33952	PASS
365	198	1	100	3.6	17680	PASS
441	443	0.01	150	83.0	57923	PASS
442	442	100	100	100.0	364821	PASS
443	442	15	24	19.1	69816	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/14/2025	BNA_M	BM050428.D
Compound Name	**Response**	**Retention Time**
DDT	1716788	20.686
DDD	16726	20.297
DDE	873	19.745
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
17599	1734387	1.01

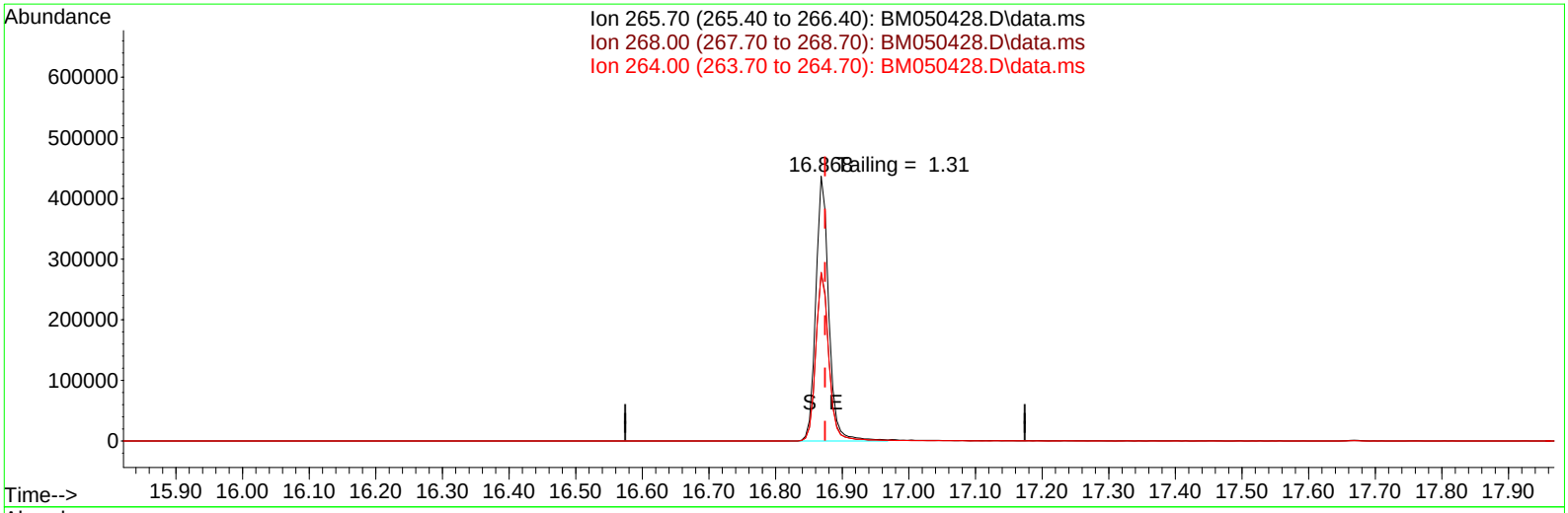
Instrument :
BNA_M
ClientSampleId :
DFTPP

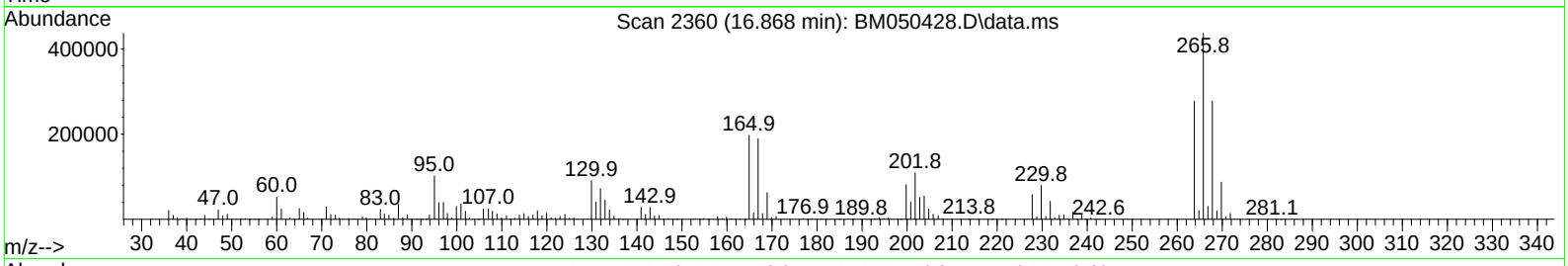
Sample Results: **BM050428.D**

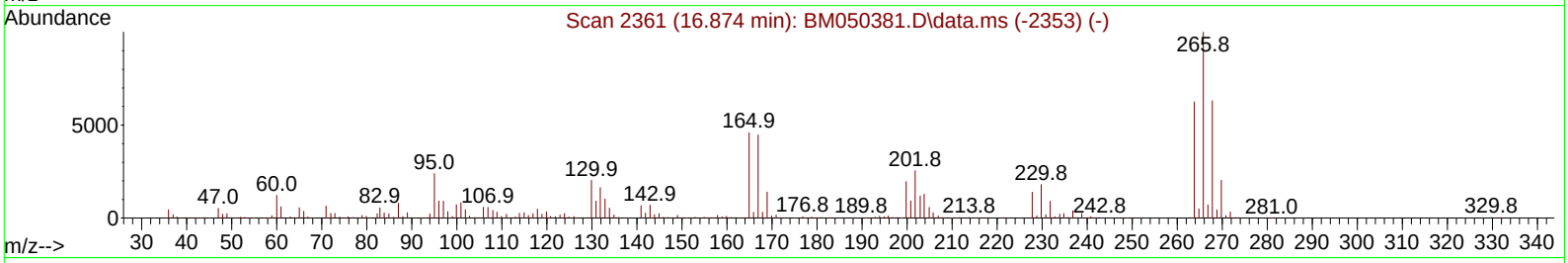
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050428.D
Acq On : 14 Jul 2025 16:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 14 17:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050428.D\data.ms

(70) Pentachlorophenol (C)

16.868min (-0.006) 260244.76 ng

response 592386

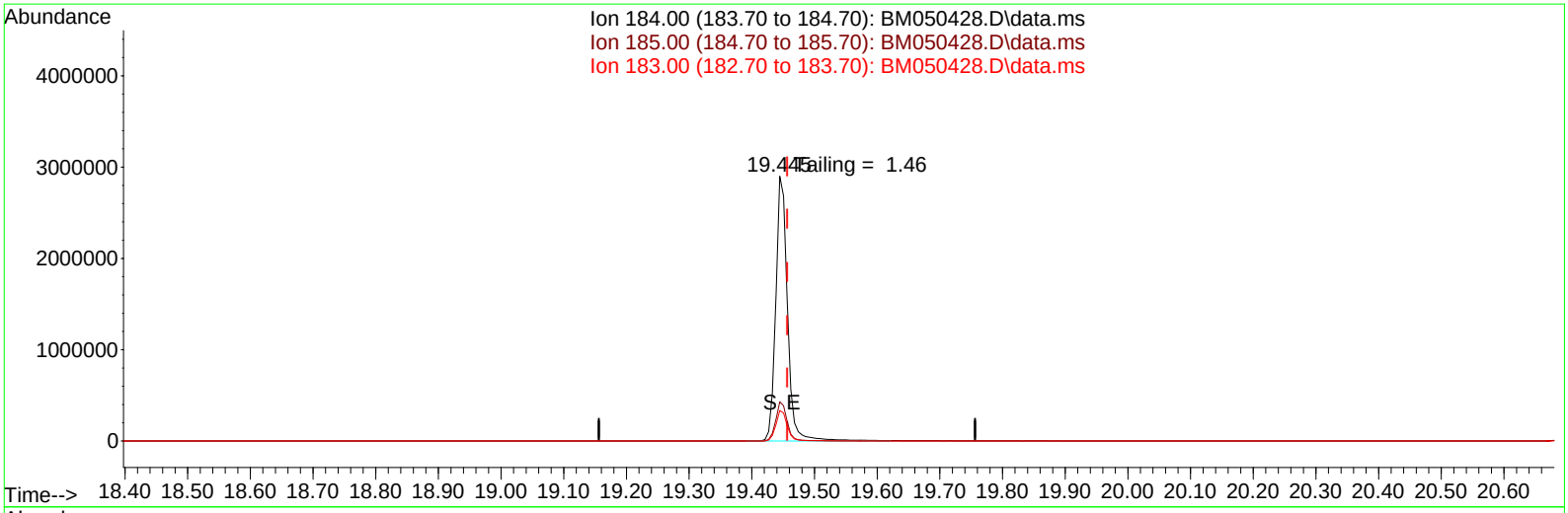
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.71
264.00	62.40	63.58
0.00	0.00	0.00

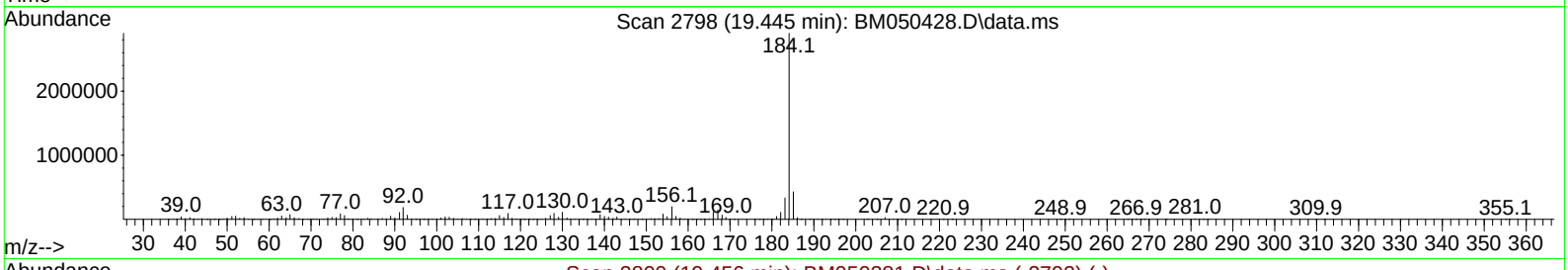
Sample Results: **BM050428.D**

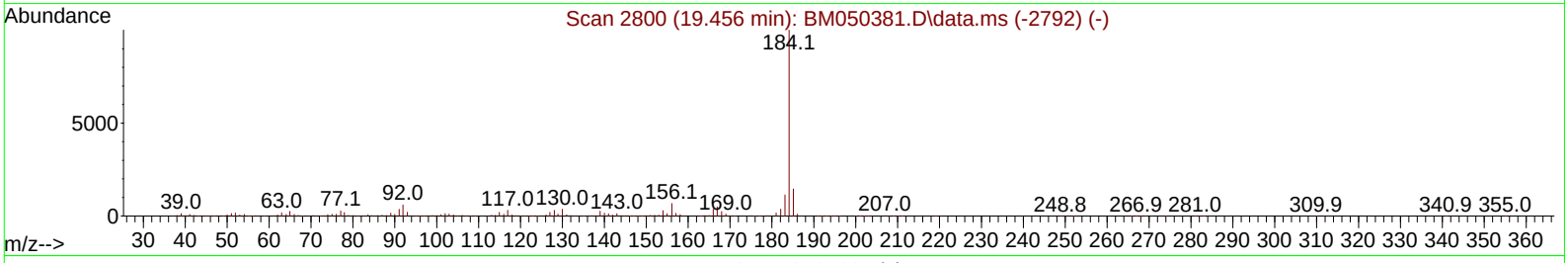
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050428.D
Acq On : 14 Jul 2025 16:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 14 17:12:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050428.D\data.ms

(77) Benzidine

19.445min (-0.012) 218557.17 ng

response 3796306

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.78
183.00	11.30	11.50
0.00	0.00	0.00

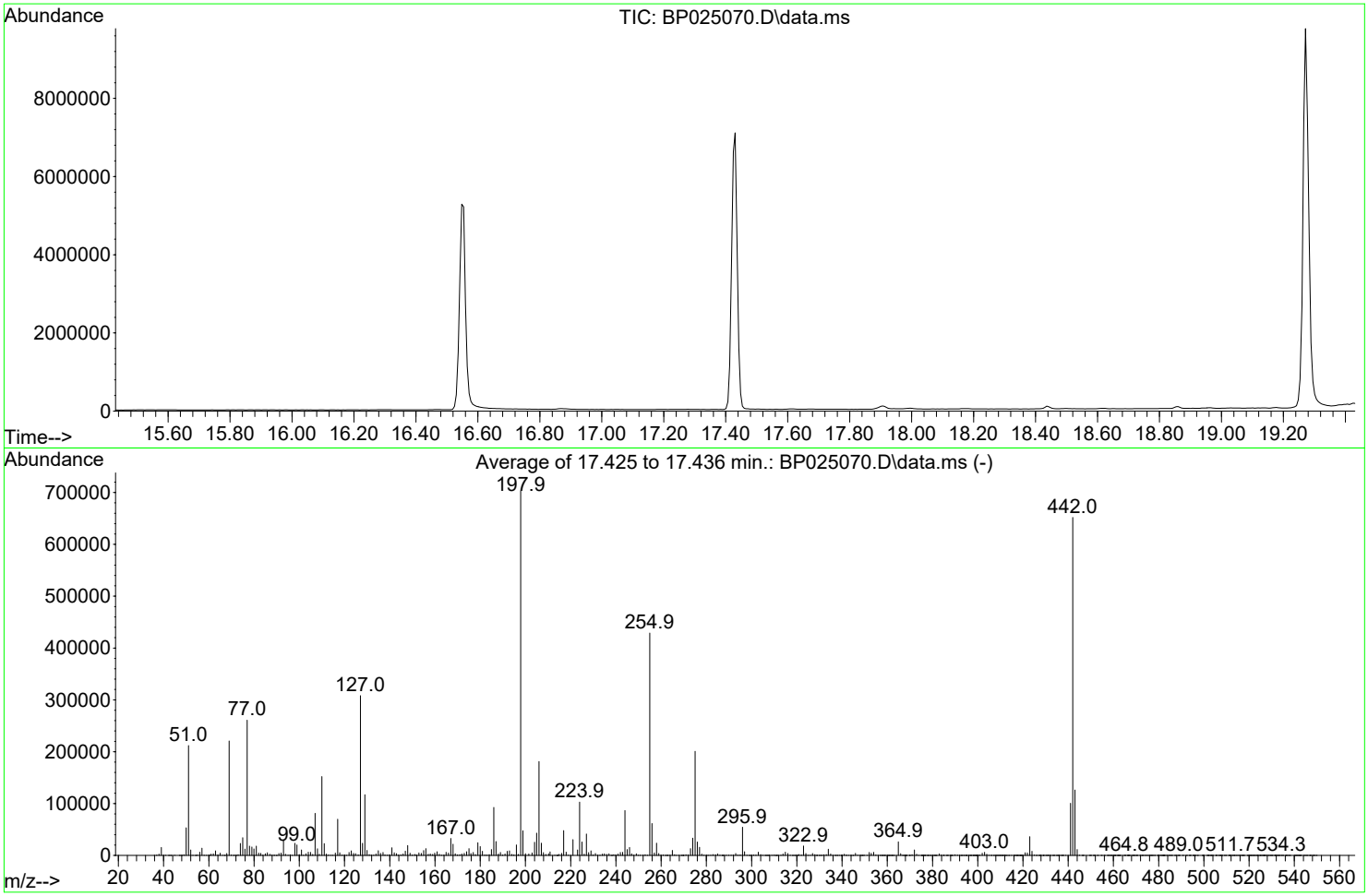
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2463, 2464, 2465; Background Corrected with Scan 2453

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3747	PASS
69	69	100	100	100.0	220616	PASS
70	69	0.00	2	0.4	974	PASS
197	198	0.00	2	0.3	1975	PASS
198	198	100	100	100.0	702809	PASS
199	198	5	9	6.8	47648	PASS
365	198	1	100	3.7	26203	PASS
441	443	0.01	150	79.7	100672	PASS
442	442	100	100	100.0	651937	PASS
443	442	15	24	19.4	126320	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/3/2025	BNA_P	BP025070.D
Compound Name	**Response**	**Retention Time**
DDT	2078463	20.595
DDD	21773	20.183
DDE	1831	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23604	2102067	1.12

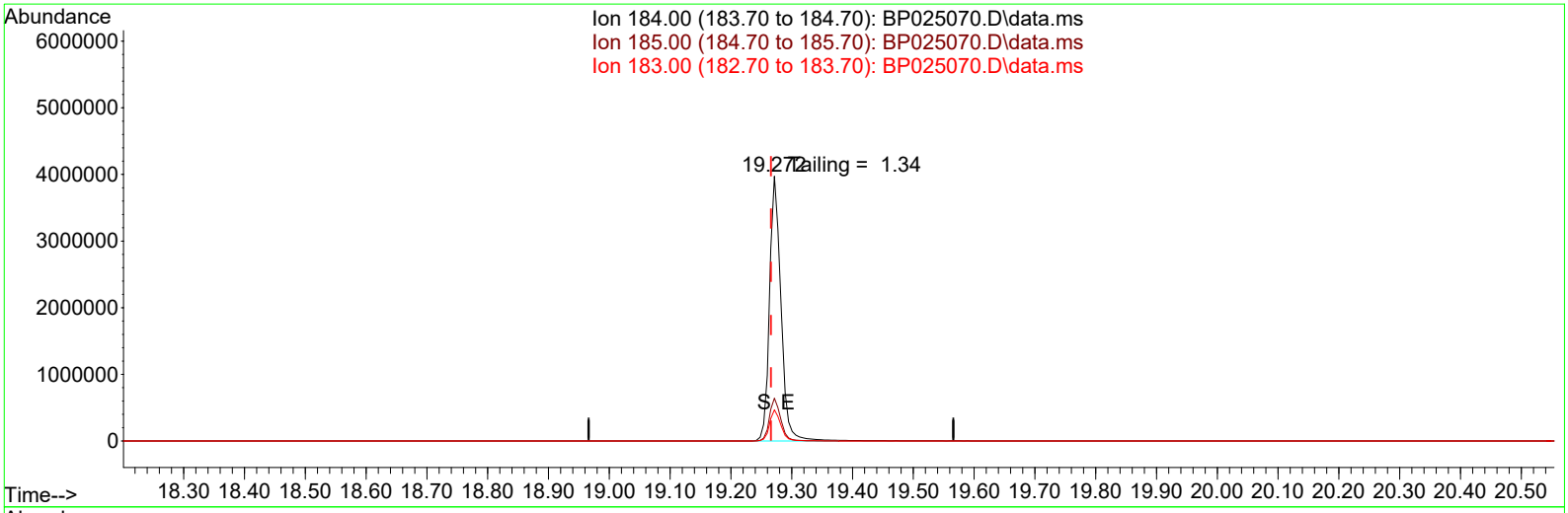
Instrument :
BNA_P
ClientSampleId :
DFTPP

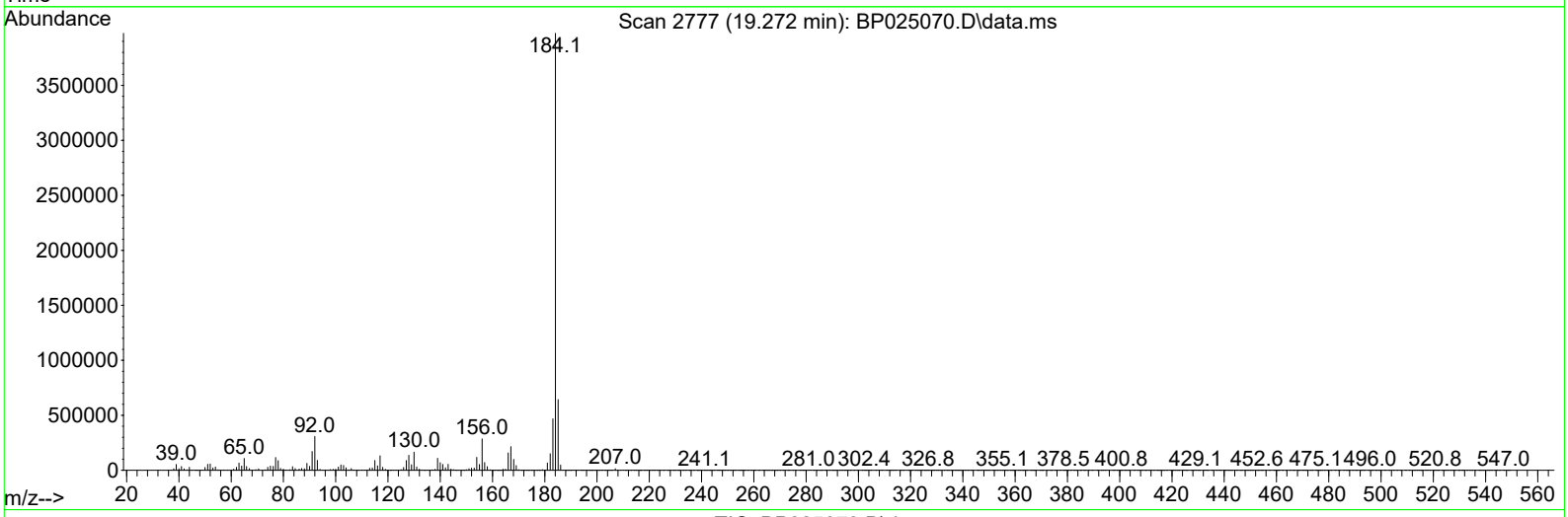
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 5891.13 ng

response 5273970

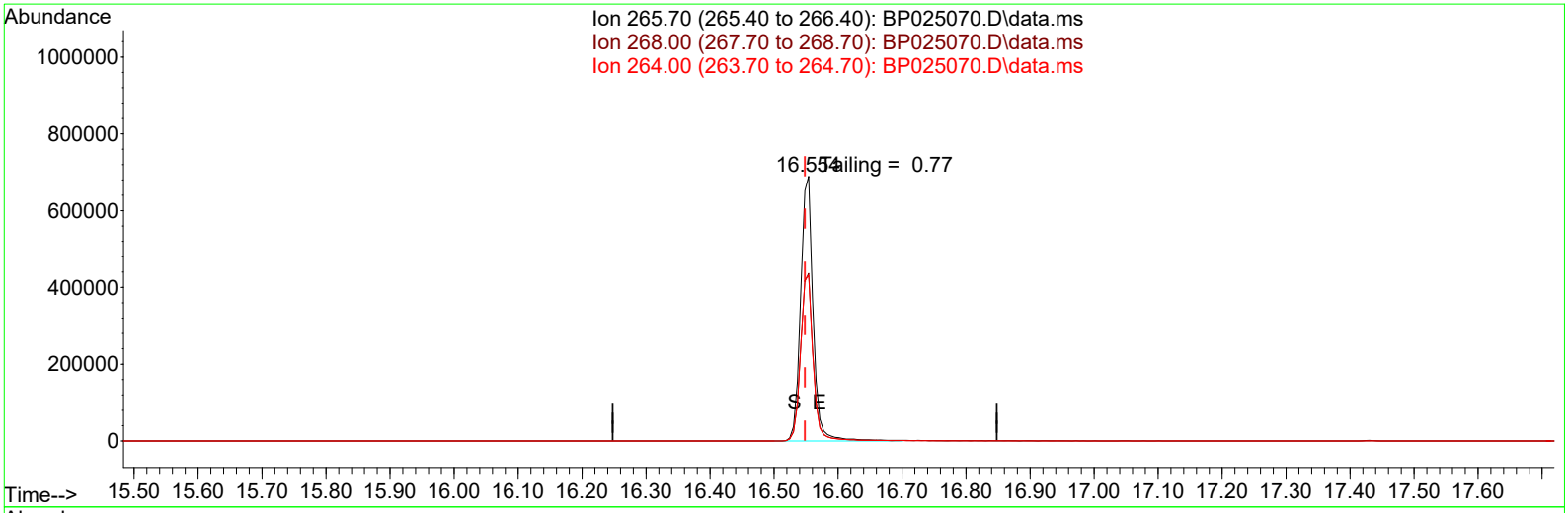
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.19
183.00	11.80	11.79
0.00	0.00	0.00

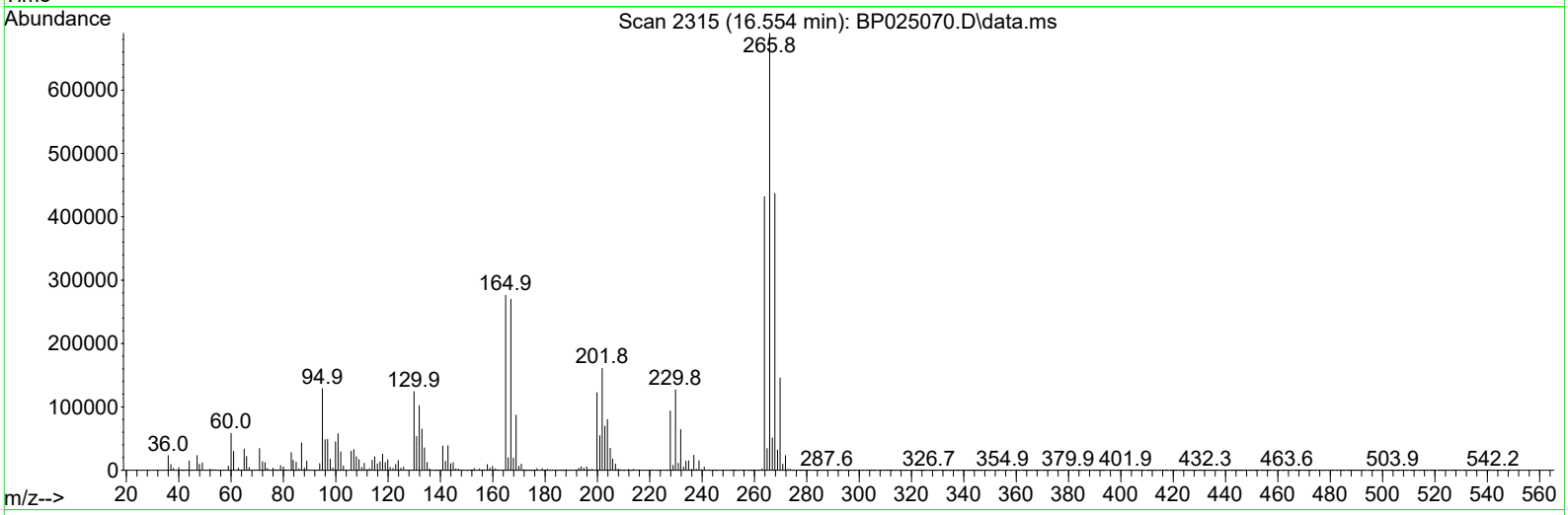
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(70) Pentachlorophenol (C)

16.554min (+ 0.006) 170301.74 ng

response 942789

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.35
264.00	62.70	62.60
0.00	0.00	0.00

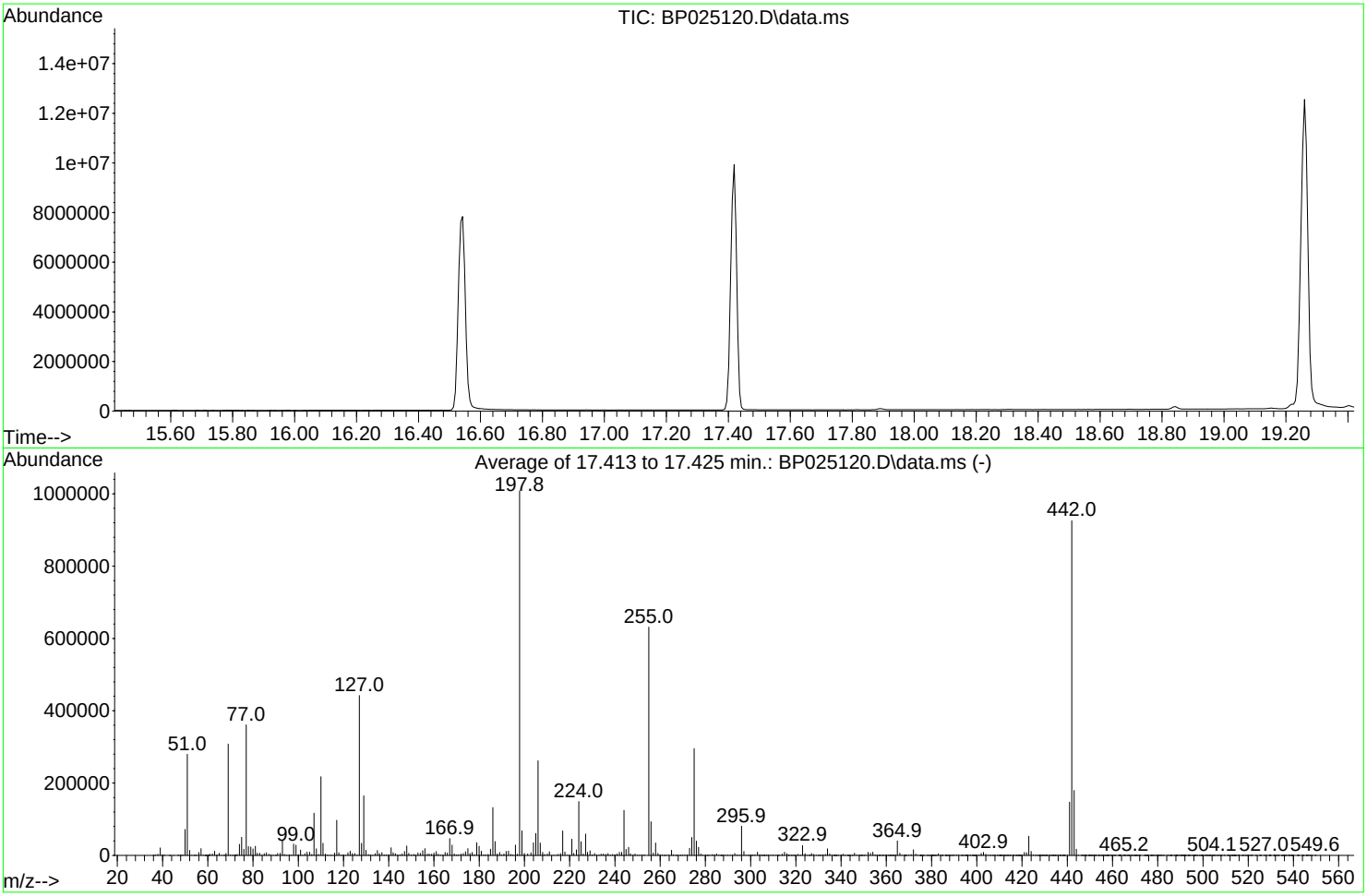
Sample Results: **BP025120.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025120.D
Acq On : 14 Jul 2025 14:55
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-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 29 08:52:24 2022



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2453

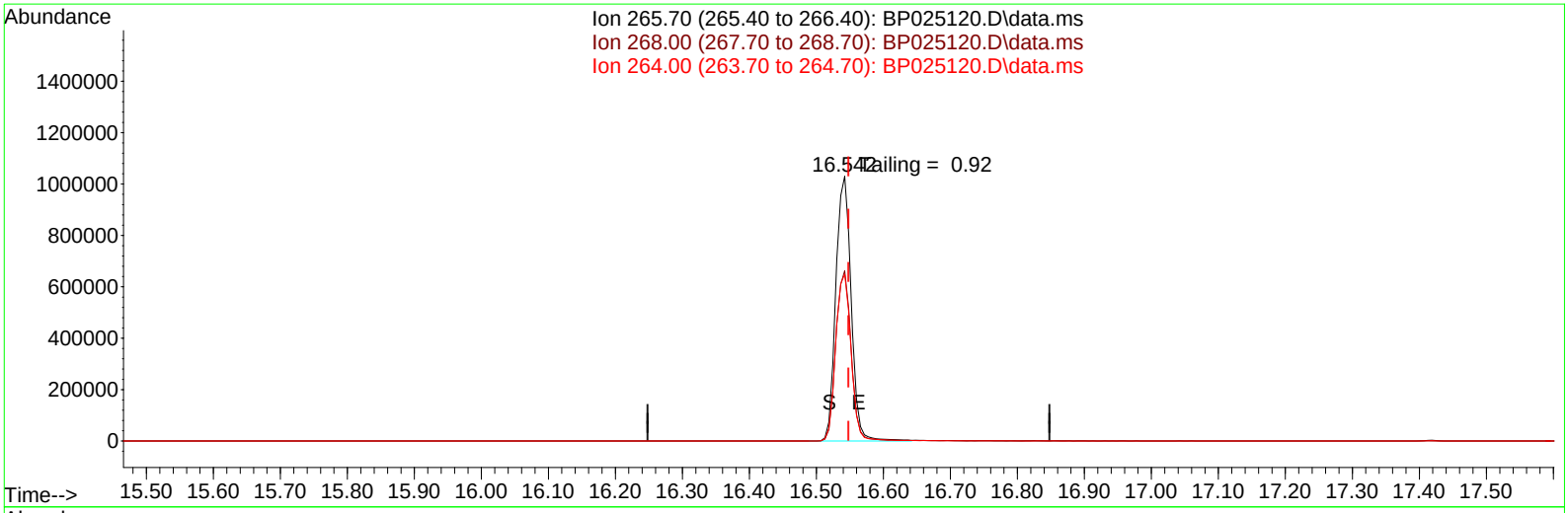
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5156	PASS
69	69	100	100	100.0	307764	PASS
70	69	0.00	2	0.5	1628	PASS
197	198	0.00	2	0.3	3222	PASS
198	198	100	100	100.0	1007639	PASS
199	198	5	9	6.8	68264	PASS
365	198	1	100	4.0	39878	PASS
441	443	0.01	150	82.1	147567	PASS
442	442	100	100	100.0	925653	PASS
443	442	15	24	19.4	179733	PASS

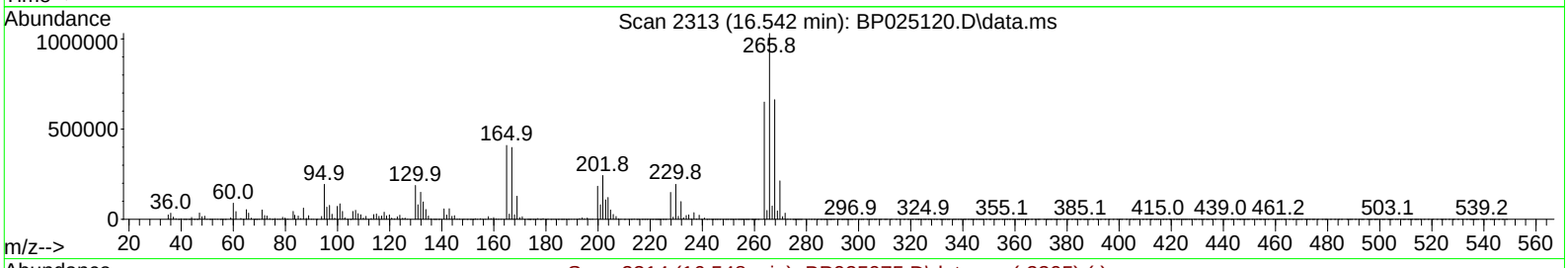
Sample Results: **BP025120.D**

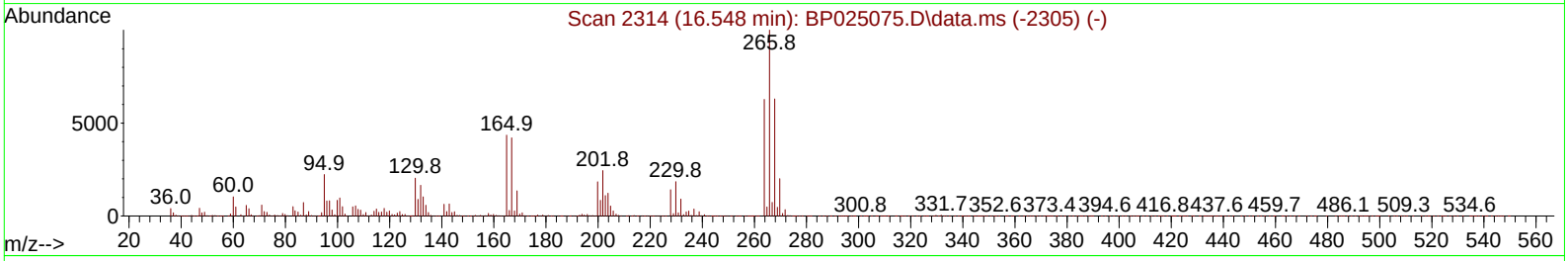
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025120.D
Acq On : 14 Jul 2025 14:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 14 15:23:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025120.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 5398504.81 ng

response 1596966

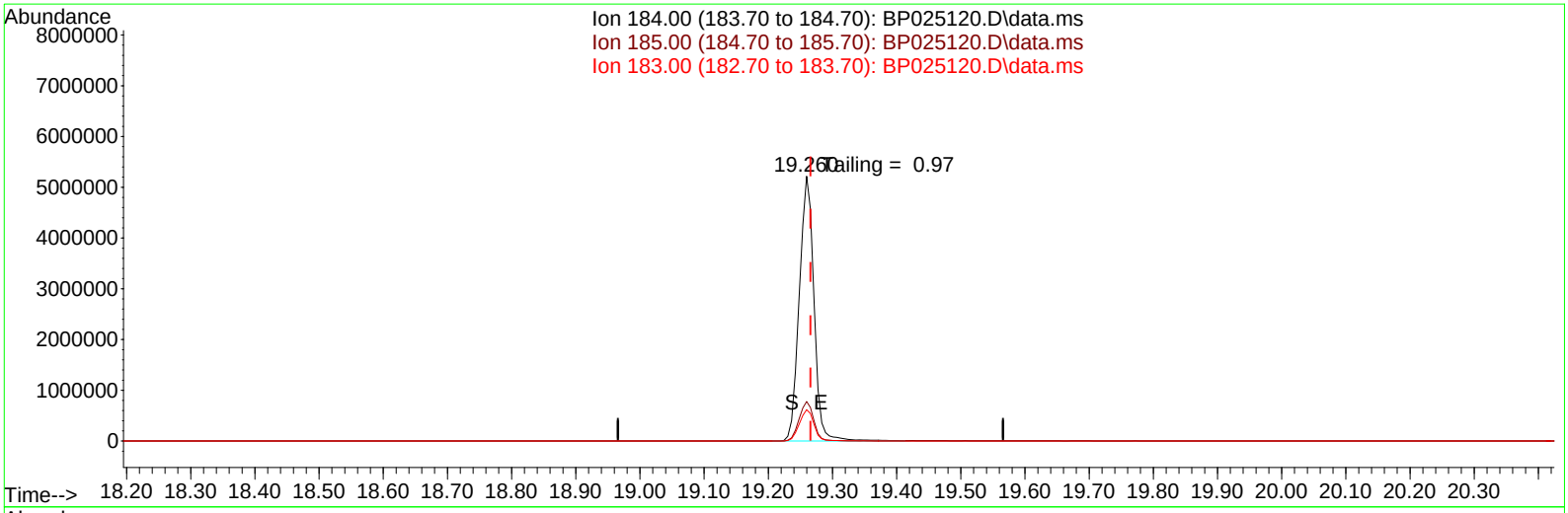
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.31
264.00	62.70	63.03
0.00	0.00	0.00

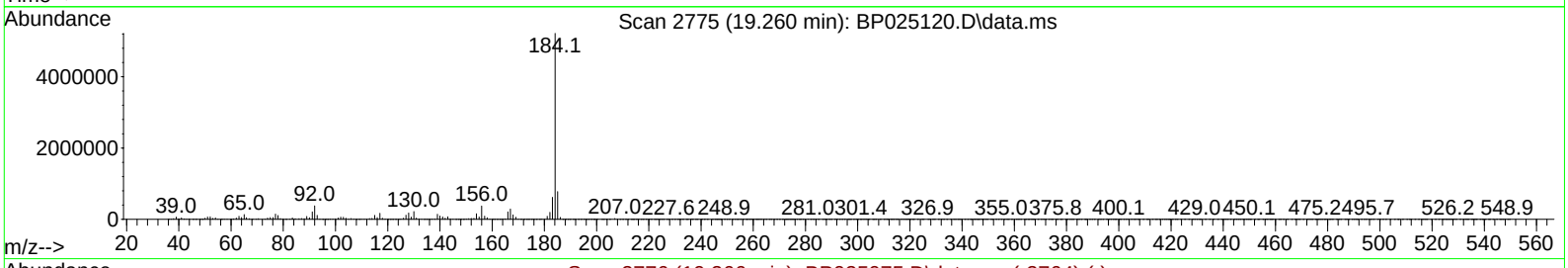
Sample Results: **BP025120.D**

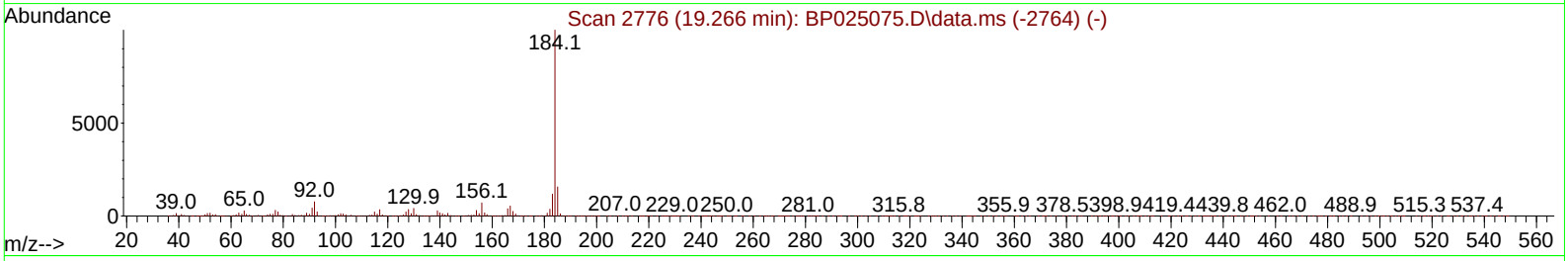
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025120.D
Acq On : 14 Jul 2025 14:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 14 15:23:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025120.D\data.ms

(77) Benzidine

19.260min (-0.006) 5818741.59 ng m

response 8324135

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.90
183.00	11.80	11.82
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/14/2025	BNA_P	BP025120.D
Compound Name	**Response**	**Retention Time**
DDT	3857757	20.571
DDD	70556	20.107
DDE	3094	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
73650	3931407	1.87

Instrument :
BNA_P
ClientSampleId :
DFTPP

Raw Data: **BM050426.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BM050426.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (23) - 110 (138)	89%	SPK: 150
13127-88-3	Phenol-d6	130		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.9		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (42) - 130 (152)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	402000	7.863			
1146-65-2	Naphthalene-d8	1400000	10.657			
15067-26-2	Acenaphthene-d10	832000	14.486			
1517-22-2	Phenanthrene-d10	1570000	17.221			
1719-03-5	Chrysene-d12	1550000	21.439			
1520-96-3	Perylene-d12	1720000	24.474			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.40	A		4.97	ug/L

Raw Data: **BM050426.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Quant Time: Jul 14 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

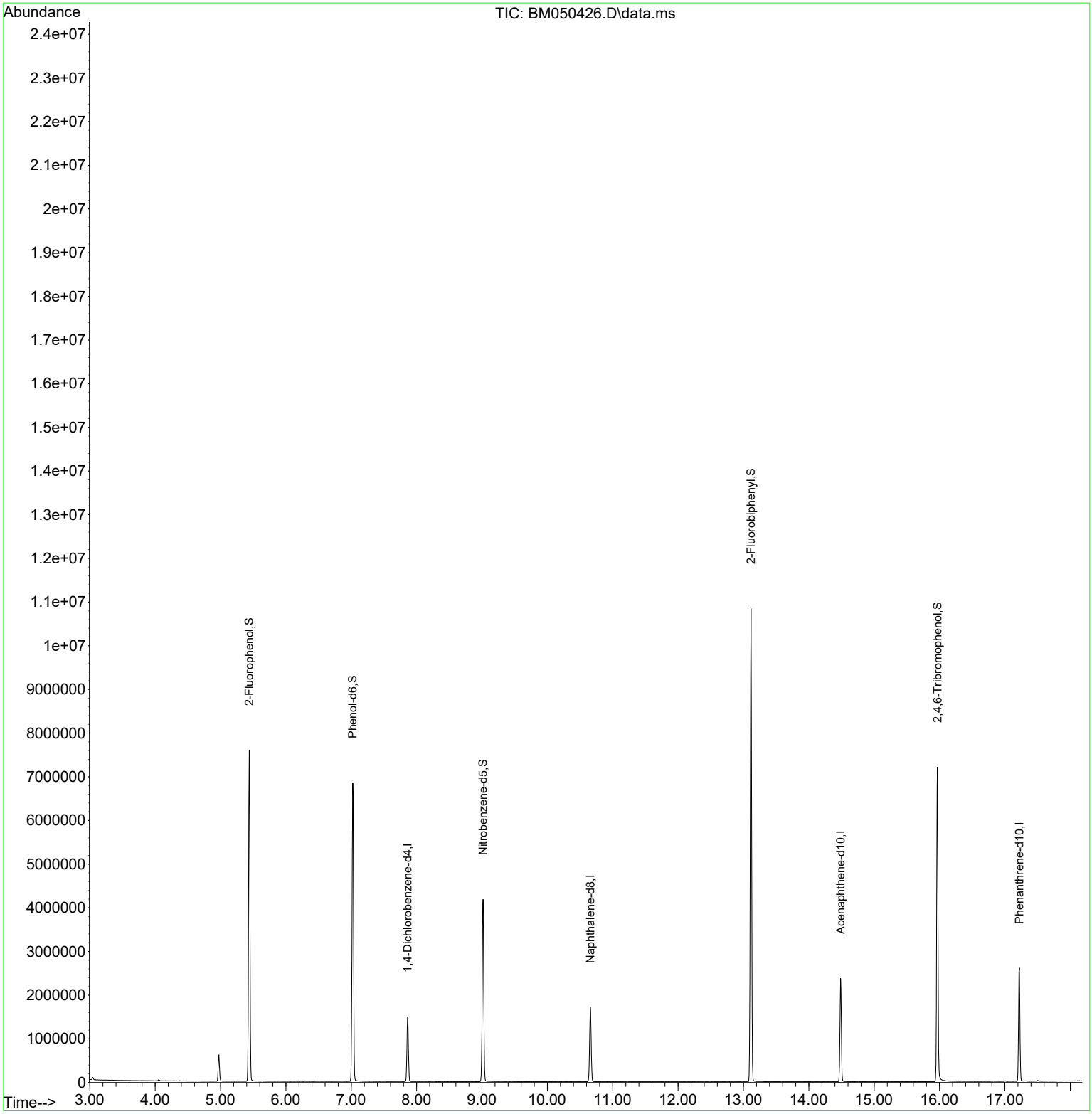
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	402471	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1401214	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	832017	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1567374	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1548385	20.000	ng	-0.02
86) Perylene-d12	24.474	264	1719709	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3132062	133.954	ng	0.00
7) Phenol-d6	7.022	99	3829067	129.909	ng	0.00
23) Nitrobenzene-d5	9.016	82	2248993	81.886	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1313426	129.925	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5540663	82.238	ng	0.00
79) Terphenyl-d14	19.833	244	8612457	97.865	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

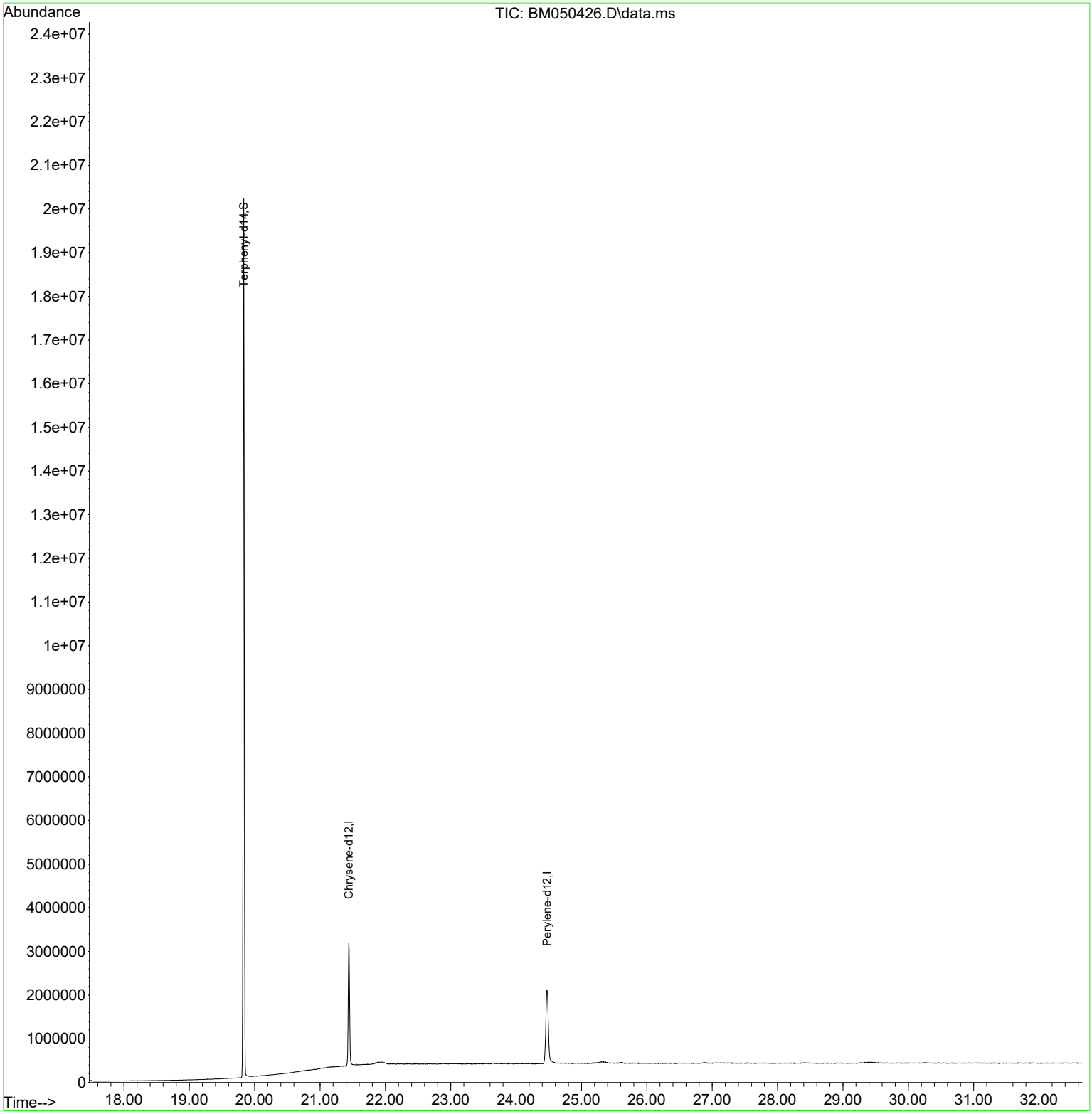
Quant Time: Jul 14 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

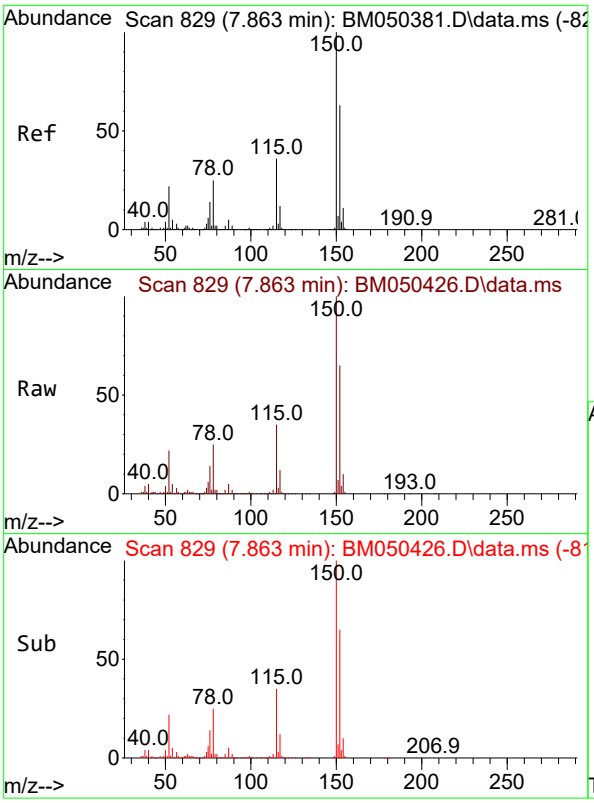


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Quant Time: Jul 14 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



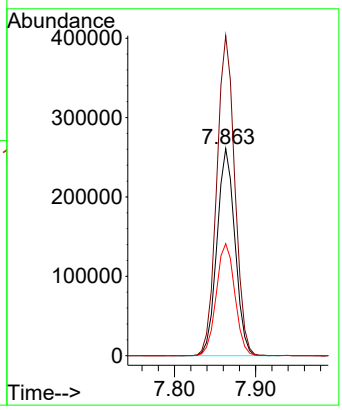


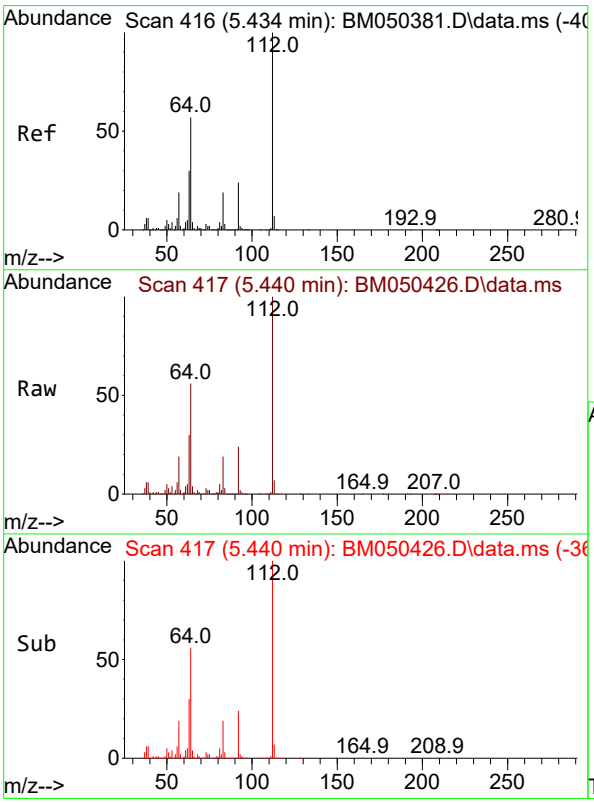
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion:152 Resp: 402471

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.4
115	54.1	45.8	68.8

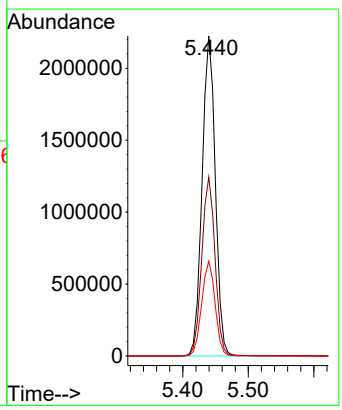


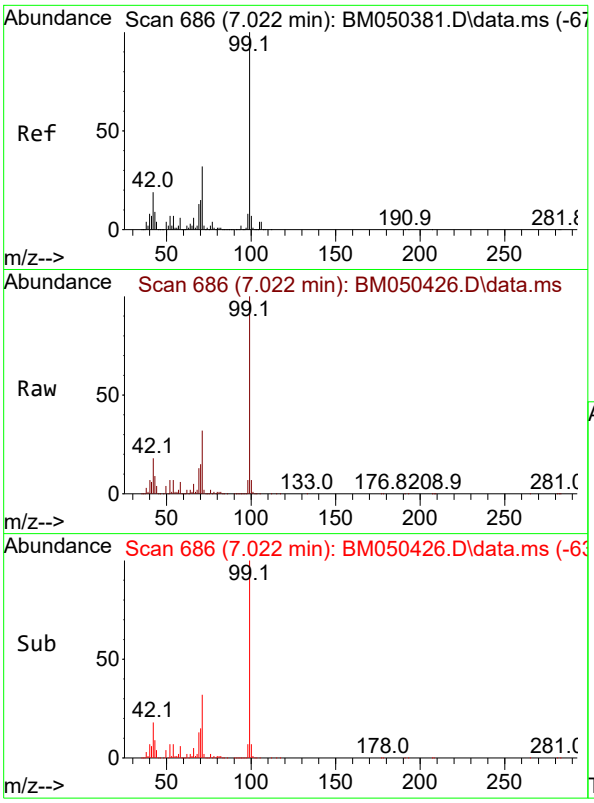


#5
2-Fluorophenol
Concen: 133.954 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:112 Resp: 3132062

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.5	68.3
63	29.6	24.2	36.4



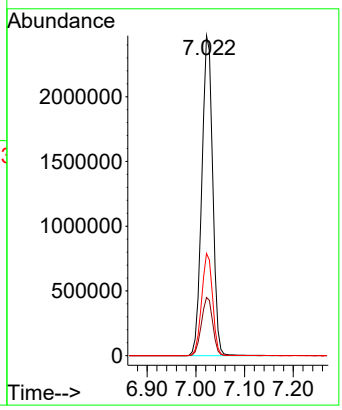


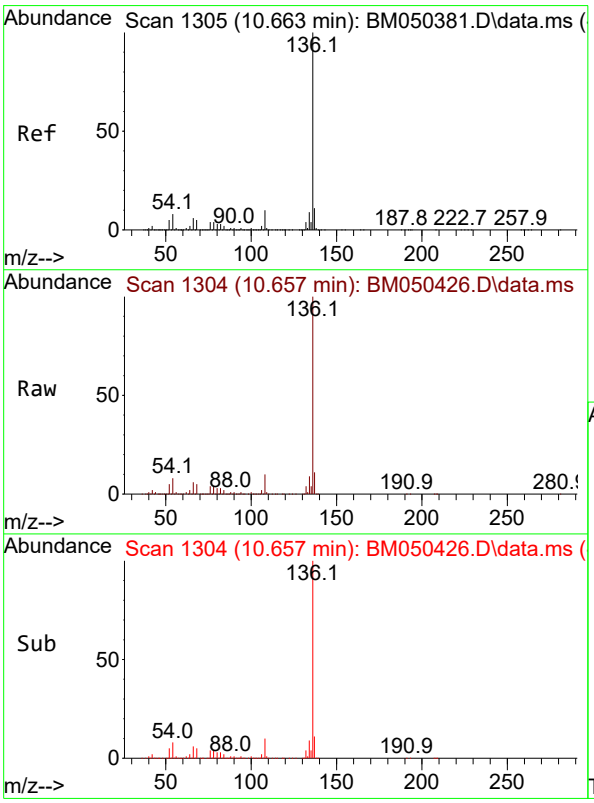
#7
Phenol-d6
Concen: 129.909 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion: 99 Resp: 3829067

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	32.0	25.9	38.9

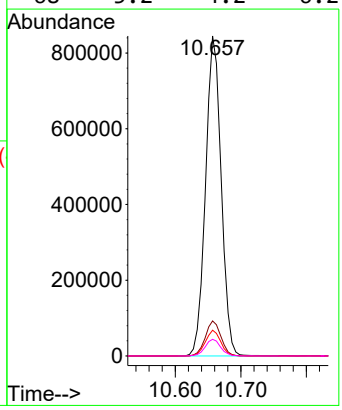


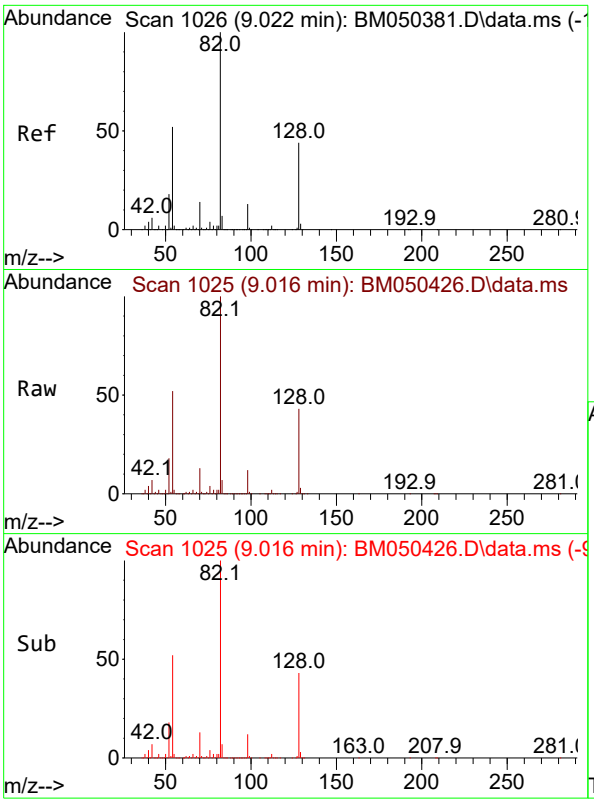


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:136 Resp: 1401214

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.3	9.5
68	5.2	4.2	6.2



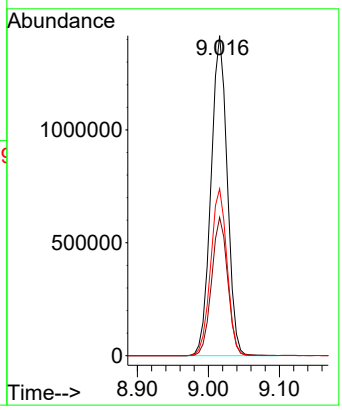


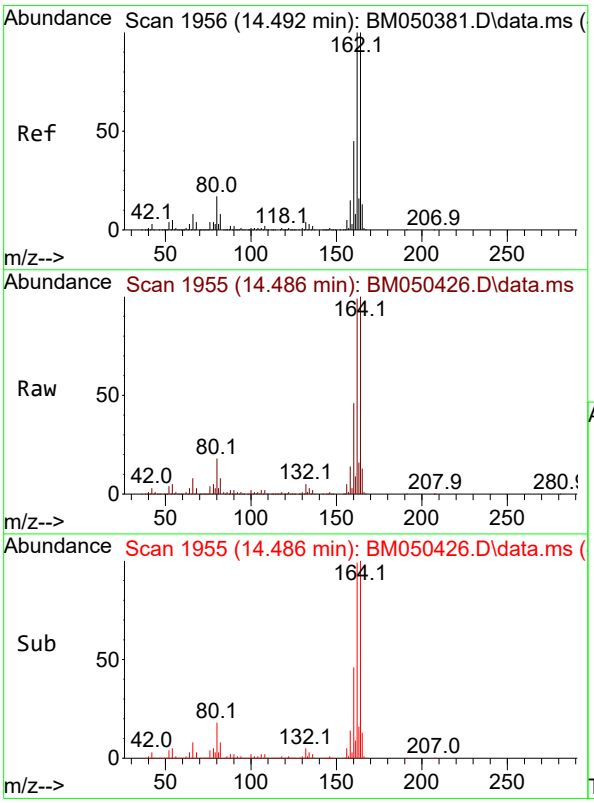
#23
Nitrobenzene-d5
Concen: 81.886 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion: 82 Resp: 2248993

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.2	52.8
54	52.2	41.5	62.3

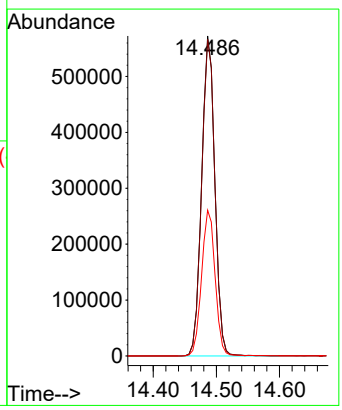


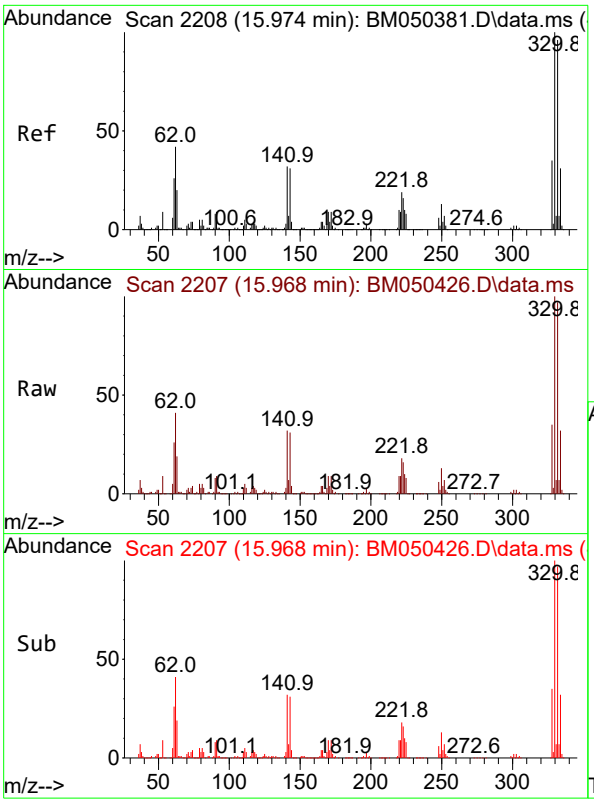


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:164 Resp: 832017

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.9	119.9
160	45.5	36.2	54.4



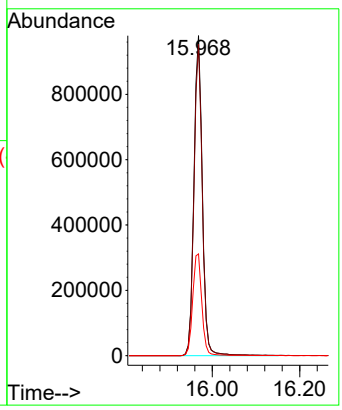


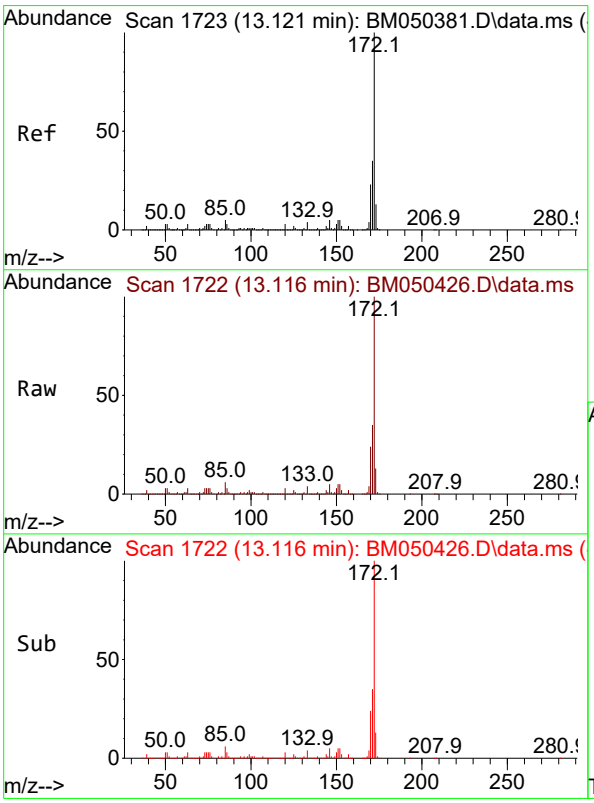
#42
2,4,6-Tribromophenol
Concen: 129.925 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion:330 Resp: 1313426

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.5	27.4	41.0

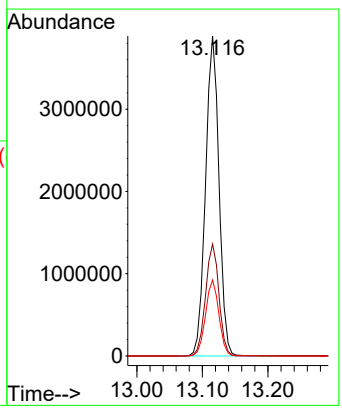


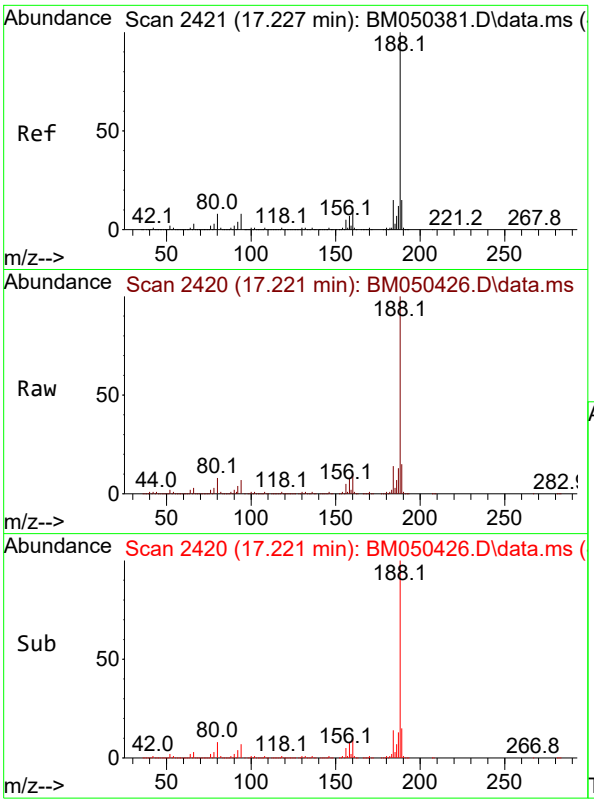


#45
2-Fluorobiphenyl
Concen: 82.238 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:172 Resp: 5540663

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.8	18.8	28.2



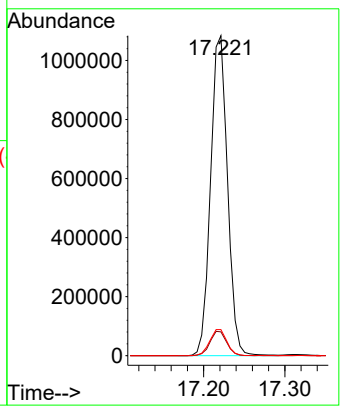


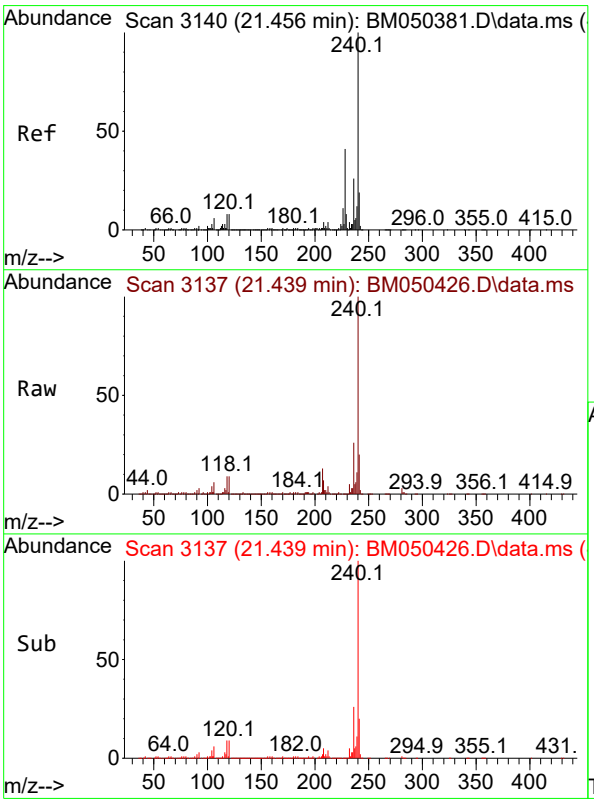
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion:188 Resp: 1567374

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.0	9.0
80	8.1	6.5	9.7

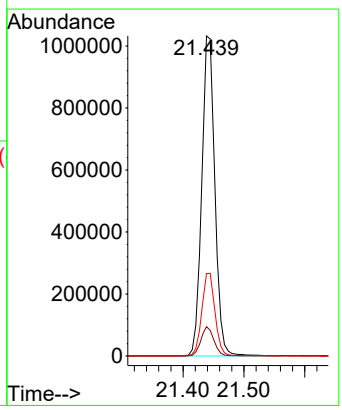


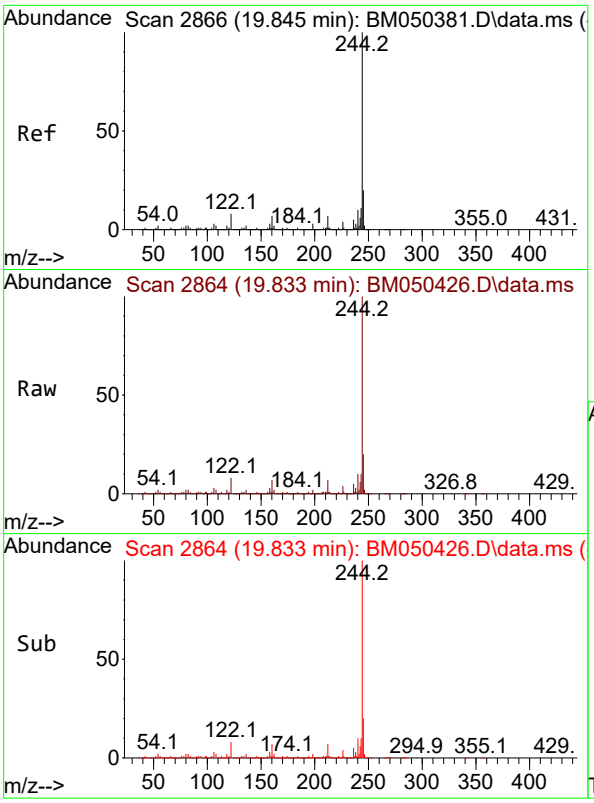


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:240 Resp: 1548385

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.7	10.1
236	25.7	20.7	31.1



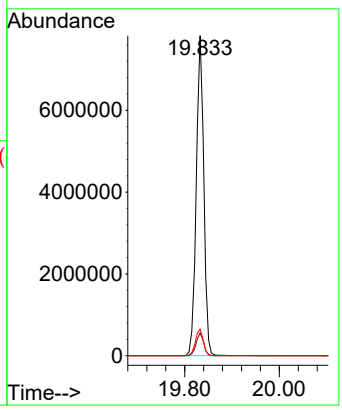


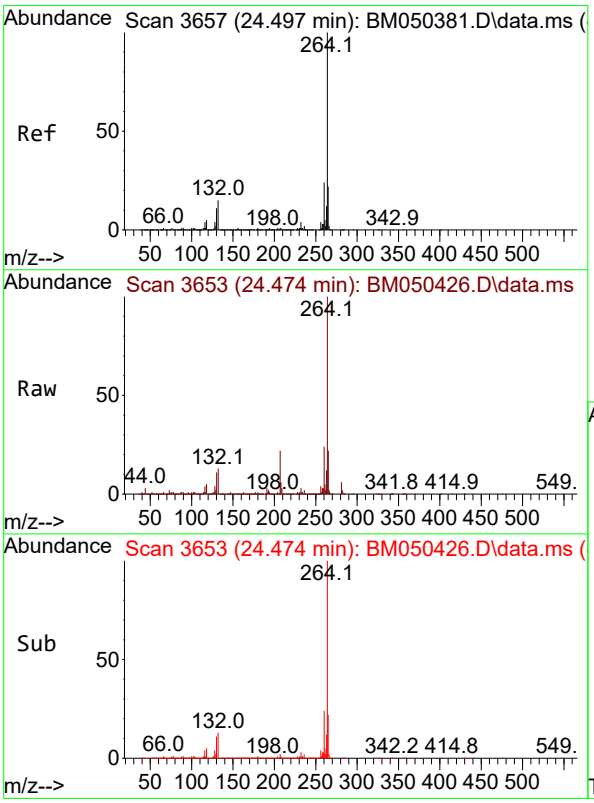
#79
Terphenyl-d14
Concen: 97.865 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion:244 Resp: 8612457

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.3	6.2	9.2

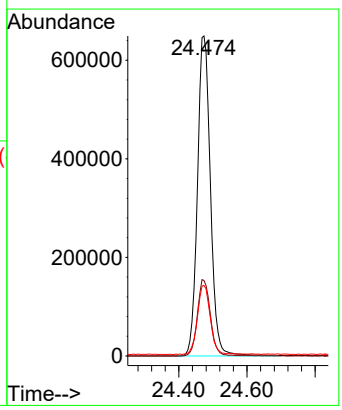




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. -0.023 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:264 Resp: 1719709

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.8	26.6



Sample Results: **BM050426.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BM050426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	332	338	348	rVB	605485	853419	3.76%	0.864%
2	5.440	410	417	427	rBV	7577811	10707484	47.20%	10.839%
3	7.022	678	686	706	rBV	6833971	10827363	47.72%	10.960%
4	7.863	822	829	838	rVB	1488353	2314099	10.20%	2.342%
5	9.016	1016	1025	1038	rBV	4173036	6746721	29.74%	6.829%
6	10.657	1296	1304	1314	rBV	1707788	2846015	12.54%	2.881%
7	13.116	1714	1722	1736	rBV	10833589	15544062	68.51%	15.734%
8	14.486	1948	1955	1965	rBV	2365612	3492587	15.39%	3.535%
9	15.968	2199	2207	2230	rBV	7206958	10315183	45.47%	10.441%
10	17.221	2412	2420	2430	rBV2	2596687	3804012	16.77%	3.851%
11	19.833	2858	2864	2878	rBV	20118953	22687659	100.00%	22.965%
12	21.439	3132	3137	3148	rBV	2793709	4179052	18.42%	4.230%
13	24.474	3645	3653	3672	rVB2	1668610	4472900	19.72%	4.528%

Sum of corrected areas: 98790556

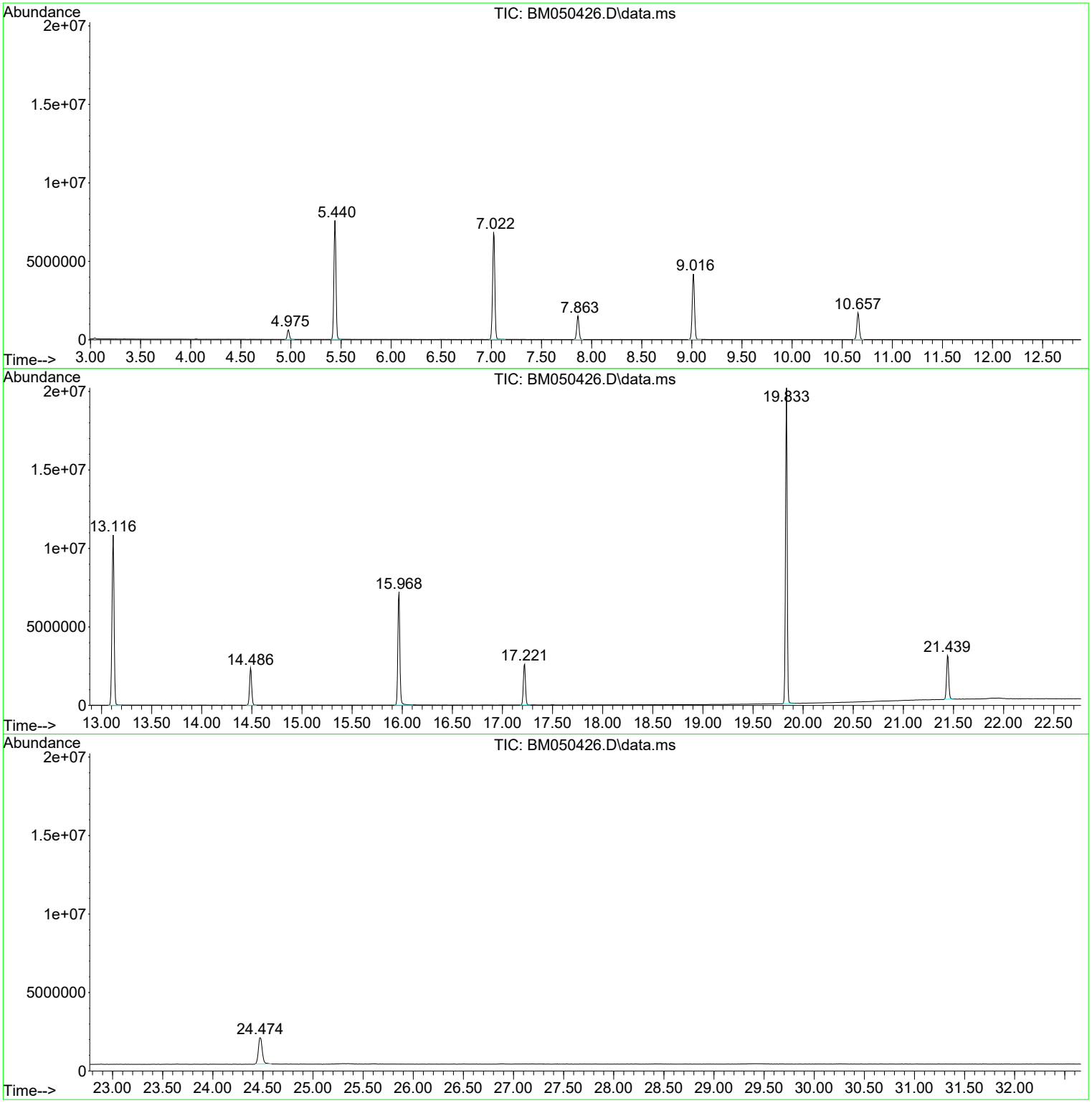
Sample Results: **BM050426.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

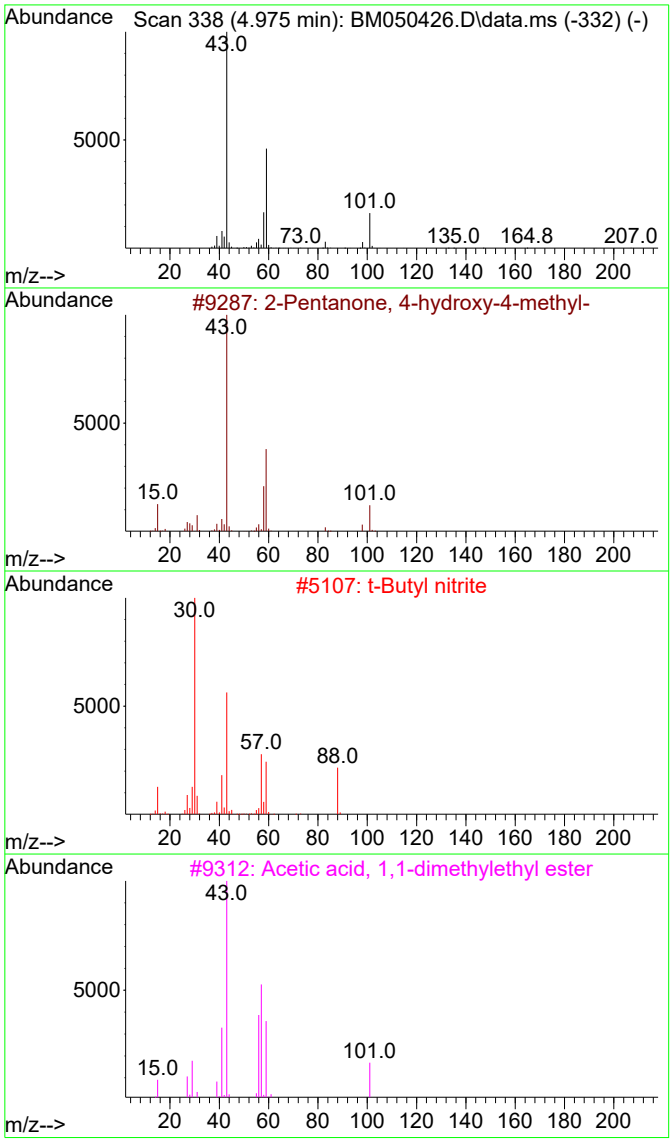
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

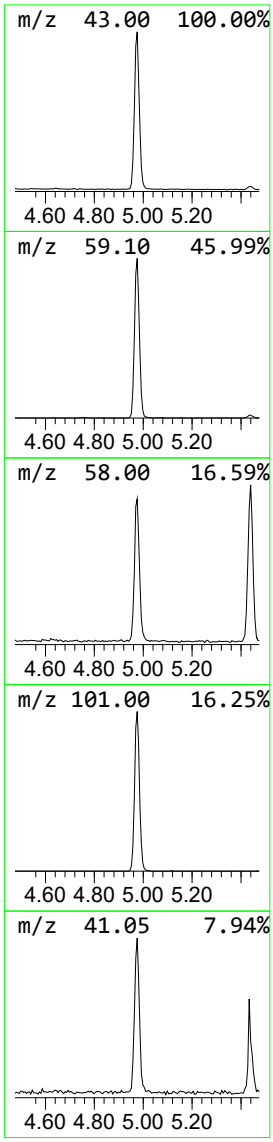
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	7.38 ng	853419	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	12





Sample Results: **BM050426.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.975	7.4	ng	853419	1	7.863	2314100	20.0

Raw Data: **BM050434.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	47.3		3.90	10.0	ug/L
108-95-2	Phenol	54.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	53.8		0.58	5.00	ug/L
95-48-7	2-Methylphenol	53.9		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.6		1.30	5.00	ug/L
98-86-2	Acetophenone	51.6		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	52.7		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	50.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	52.1		0.76	5.00	ug/L
78-59-1	Isophorone	51.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	57.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.5		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	54.8		0.52	5.00	ug/L
91-20-3	Naphthalene	50.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	50.9		0.54	5.00	ug/L
105-60-2	Caprolactam	53.3		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	54.9		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	52.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	57.2		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	57.1		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	53.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	53.0		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	59.7		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	53.8		0.61	5.00	ug/L

Raw Data: **BM050434.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	54.3		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	58.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	35.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	59.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	52.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	54.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	54.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.8		0.68	5.00	ug/L
86-73-7	Fluorene	54.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	51.2		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.1		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	54.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	55.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	55.1		0.52	5.00	ug/L
1912-24-9	Atrazine	57.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	130	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	54.1		0.50	5.00	ug/L
120-12-7	Anthracene	55.4		0.61	5.00	ug/L
86-74-8	Carbazole	56.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	56.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	57.3		0.82	5.00	ug/L
129-00-0	Pyrene	52.8		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	60.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	38.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.9		0.45	5.00	ug/L
218-01-9	Chrysene	56.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	62.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	57.1		0.49	5.00	ug/L

Raw Data: **BM050434.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	56.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	58.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	57.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	55.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	41.1		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.3		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	149		15 (23) - 110 (138)	100%	SPK: 150
13127-88-3	Phenol-d6	149		15 (10) - 110 (134)	99%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.5		30 (67) - 130 (132)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.5		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	165		15 (44) - 110 (137)	110%	SPK: 150
1718-51-0	Terphenyl-d14	98.4		30 (42) - 130 (152)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	364000	7.863			
1146-65-2	Naphthalene-d8	1360000	10.657			
15067-26-2	Acenaphthene-d10	836000	14.486			
1517-22-2	Phenanthrene-d10	1570000	17.221			
1719-03-5	Chrysene-d12	1750000	21.439			
1520-96-3	Perylene-d12	1760000	24.468			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050434.D
Acq On : 14 Jul 2025 20:14
Operator : RC/JU
Sample : PB168816BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Quant Time: Jul 15 02:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	363728	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1355774	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	836315	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1570373	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1747795	20.000	ng		-0.02
86) Perylene-d12	24.468	264	1758315	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3158511	149.474	ng		0.00
7) Phenol-d6	7.028	99	3971297	149.086	ng		0.00
23) Nitrobenzene-d5	9.016	82	2379432	89.539	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1677653	165.102	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6059707	89.480	ng		0.00
79) Terphenyl-d14	19.827	244	9772918	98.381	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	357226	41.112	ng		98
3) Pyridine	3.734	79	1000010	43.838	ng		100
4) n-Nitrosodimethylamine	3.640	42	534275	50.239	ng		99
6) Aniline	7.187	93	1353734	39.600	ng		99
8) 2-Chlorophenol	7.428	128	1199754	53.845	ng		98
9) Benzaldehyde	6.999	77	749237	47.283	ng		96
10) Phenol	7.051	94	1509676	54.338	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1127316	50.665	ng		100
12) 1,3-Dichlorobenzene	7.751	146	1329222	49.061	ng		98
13) 1,4-Dichlorobenzene	7.899	146	1369857	49.516	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1325994	50.065	ng		98
15) Benzyl Alcohol	8.098	79	984718	52.466	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1623965	49.551	ng		99
17) 2-Methylphenol	8.298	107	971575	53.917	ng		97
18) Hexachloroethane	8.945	117	490406	50.404	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	842689	52.221	ng		98
20) 3+4-Methylphenols	8.628	107	1275572	52.731	ng		99
22) Acetophenone	8.681	105	1750256	51.633	ng	#	98
24) Nitrobenzene	9.057	77	1236205	52.130	ng		99
25) Isophorone	9.587	82	2237912	51.898	ng		99
26) 2-Nitrophenol	9.769	139	557713	57.706	ng		98
27) 2,4-Dimethylphenol	9.828	122	1097855	53.383	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	1470114	51.450	ng		99
29) 2,4-Dichlorophenol	10.304	162	1158666	54.839	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1286539	50.901	ng		99
31) Naphthalene	10.704	128	3496079	50.768	ng		100
32) Benzoic acid	9.951	122	666825	52.224	ng		99
33) 4-Chloroaniline	10.804	127	678119	23.293	ng		100
34) Hexachlorobutadiene	11.004	225	785353	50.909	ng		99
35) Caprolactam	11.581	113	307412	53.298	ng		97
36) 4-Chloro-3-methylphenol	11.928	107	1082852	54.883	ng		99
37) 2-Methylnaphthalene	12.316	142	2271242	52.236	ng		99
38) 1-Methylnaphthalene	12.533	142	2386598	51.865	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1475238	55.469	ng		99
41) Hexachlorocyclopentadiene	12.669	237	1979022	116.411	ng		98
43) 2,4,6-Trichlorophenol	12.922	196	935699	57.157	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050434.D
Acq On : 14 Jul 2025 20:14
Operator : RC/JU
Sample : PB168816BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Quant Time: Jul 15 02:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

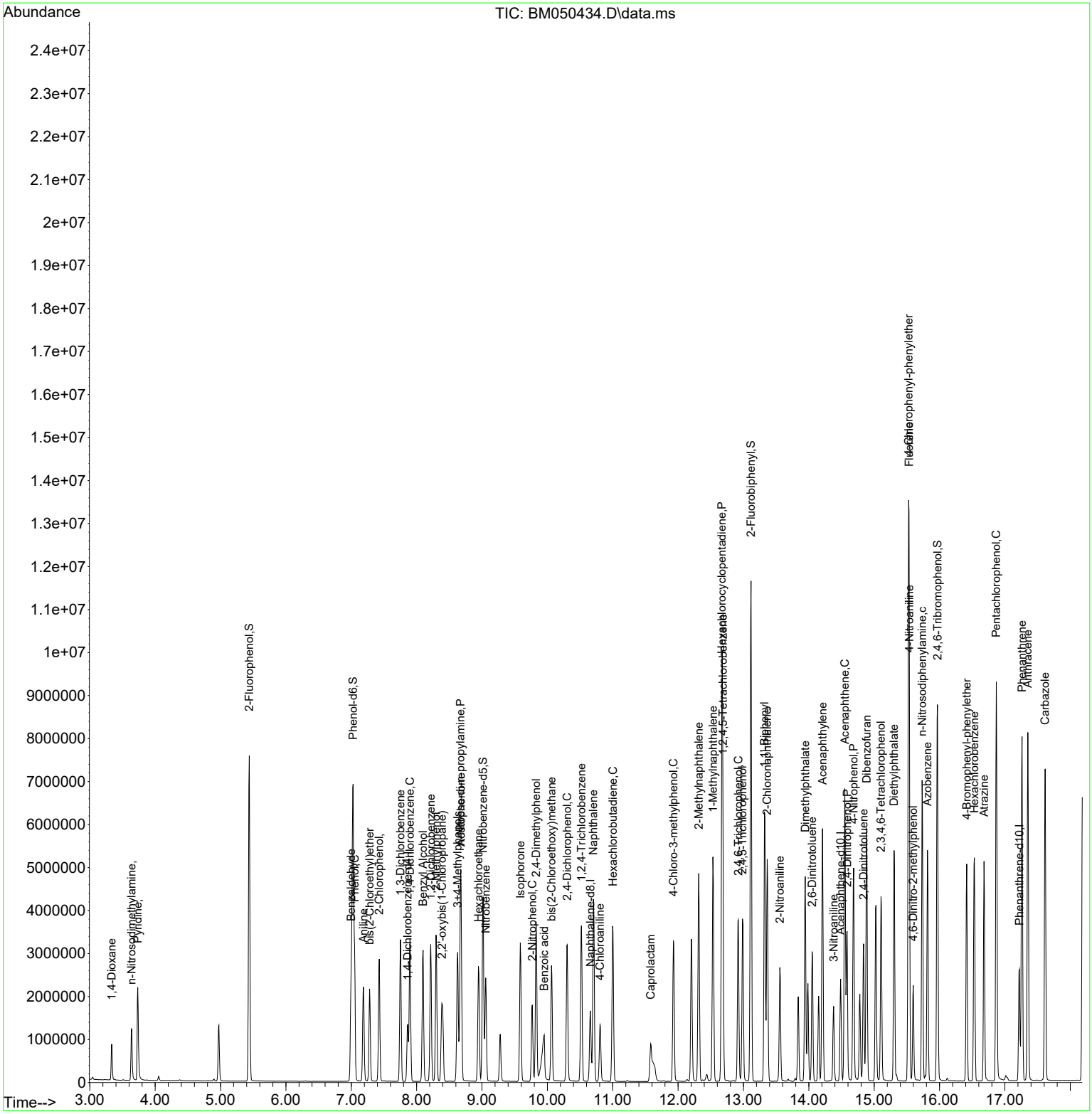
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1021261	57.121	ng	99
46) 1,1'-Biphenyl	13.322	154	3305236	53.268	ng	99
47) 2-Chloronaphthalene	13.363	162	2624299	53.046	ng	99
48) 2-Nitroaniline	13.557	65	659109	59.687	ng	98
49) Acenaphthylene	14.210	152	4056336	54.253	ng	99
50) Dimethylphthalate	13.945	163	3097732	53.800	ng	100
51) 2,6-Dinitrotoluene	14.051	165	641216	58.001	ng	96
52) Acenaphthene	14.551	154	2807273m	59.059	ng	
53) 3-Nitroaniline	14.380	138	416285	35.407	ng	97
54) 2,4-Dinitrophenol	14.586	184	723742	115.545	ng	86
55) Dibenzofuran	14.886	168	3873403	52.886	ng	100
56) 4-Nitrophenol	14.686	139	1240819	122.724	ng	94
57) 2,4-Dinitrotoluene	14.839	165	911484	54.674	ng	98
58) Fluorene	15.533	166	3257067	53.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	862632	57.317	ng	99
60) Diethylphthalate	15.304	149	2974472	54.081	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1697794	53.823	ng	99
62) 4-Nitroaniline	15.539	138	695111	51.242	ng	95
63) Azobenzene	15.816	77	2767488	54.797	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	465048	54.145	ng	96
66) n-Nitrosodiphenylamine	15.733	169	2691246	54.767	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	963667	55.697	ng	99
68) Hexachlorobenzene	16.533	284	1125519	55.079	ng	97
69) Atrazine	16.680	200	930604	57.673	ng	99
70) Pentachlorophenol	16.869	266	1615023	126.958	ng	99
71) Phenanthrene	17.263	178	4808002	54.107	ng	100
72) Anthracene	17.351	178	4897400	55.368	ng	100
73) Carbazole	17.616	167	4513000	56.389	ng	99
74) Di-n-butylphthalate	18.186	149	4944130	56.440	ng	100
75) Fluoranthene	19.268	202	5531406	57.260	ng	99
77) Benzidine	19.445	184	2650051	59.445	ng	100
78) Pyrene	19.627	202	5910432	52.801	ng	100
80) Butylbenzylphthalate	20.521	149	2239356	60.672	ng	98
81) Benzo(a)anthracene	21.421	228	6362620	55.871	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1457621	37.954	ng	99
83) Chrysene	21.486	228	6015595	56.004	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	3454804	58.963	ng	99
85) Di-n-octyl phthalate	22.498	149	5724245	62.377	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	7150355	57.196	ng	99
88) Benzo(b)fluoranthene	23.515	252	6174896	57.094	ng	100
89) Benzo(k)fluoranthene	23.580	252	6340126	56.495	ng	100
90) Benzo(a)pyrene	24.327	252	5906944	58.344	ng	100
91) Dibenzo(a,h)anthracene	27.962	278	6018299	57.162	ng	100
92) Benzo(g,h,i)perylene	28.974	276	5673690	57.019	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050434.D
Acq On : 14 Jul 2025 20:14
Operator : RC/JU
Sample : PB168816BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BS

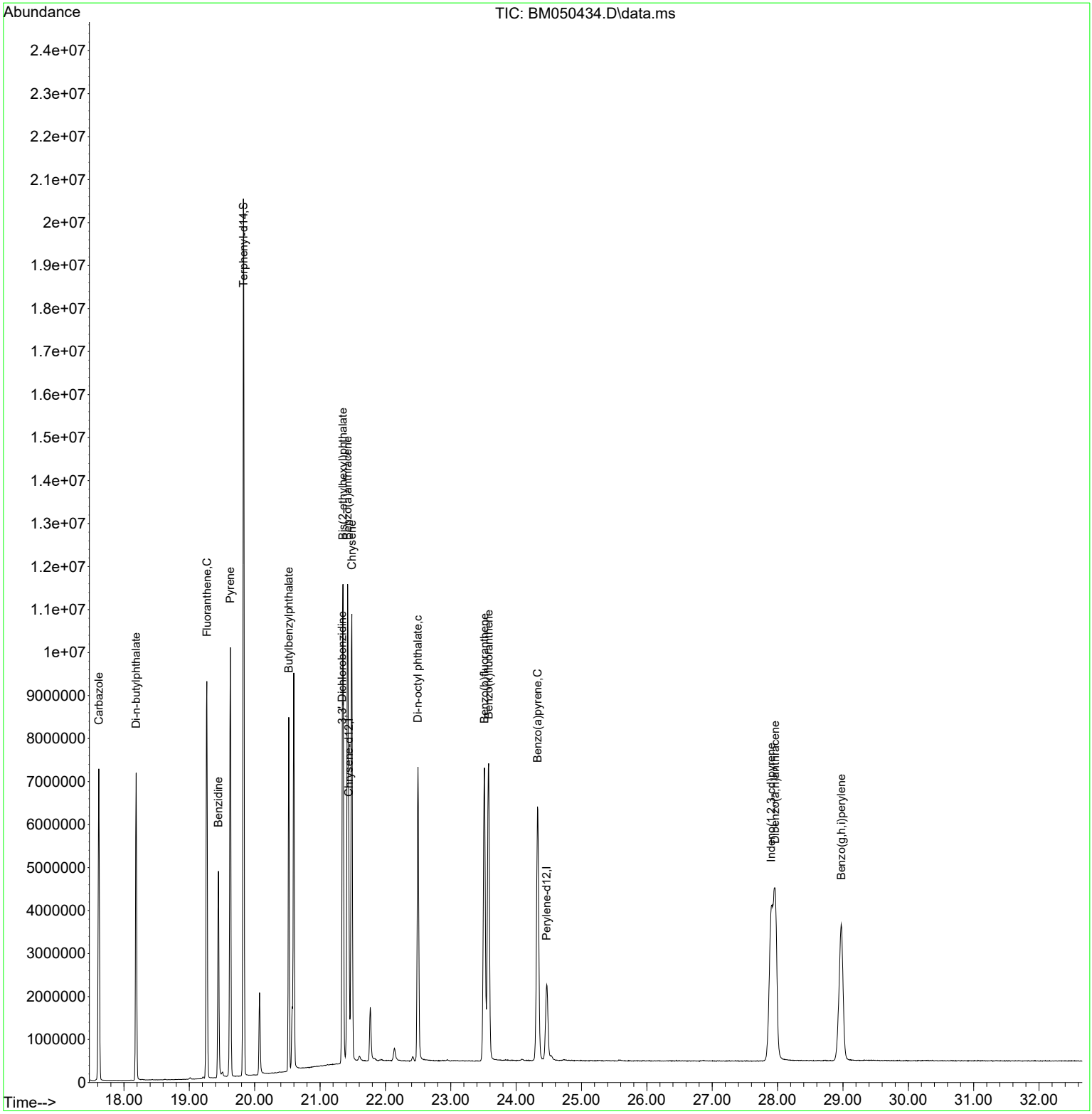
Quant Time: Jul 15 02:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

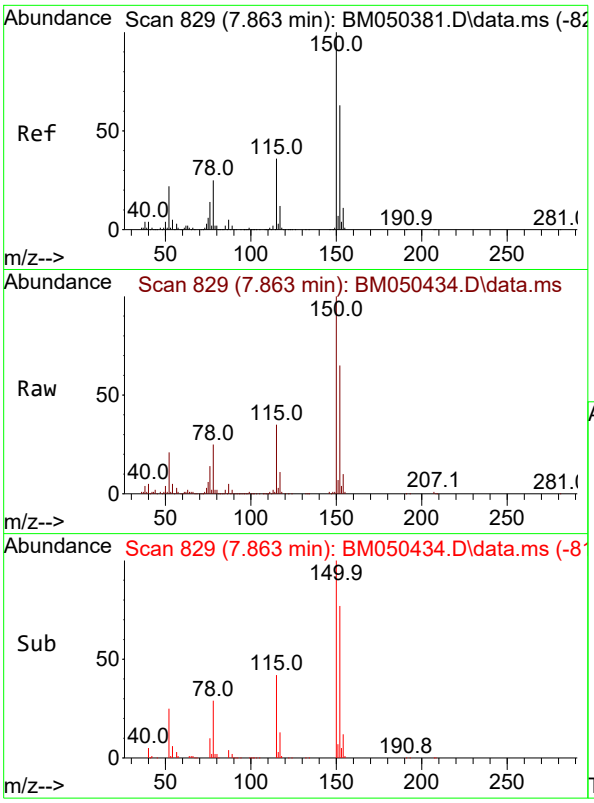


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050434.D
Acq On : 14 Jul 2025 20:14
Operator : RC/JU
Sample : PB168816BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Quant Time: Jul 15 02:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



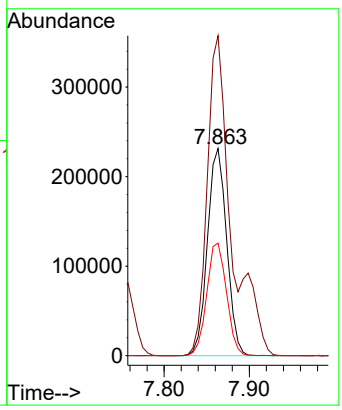


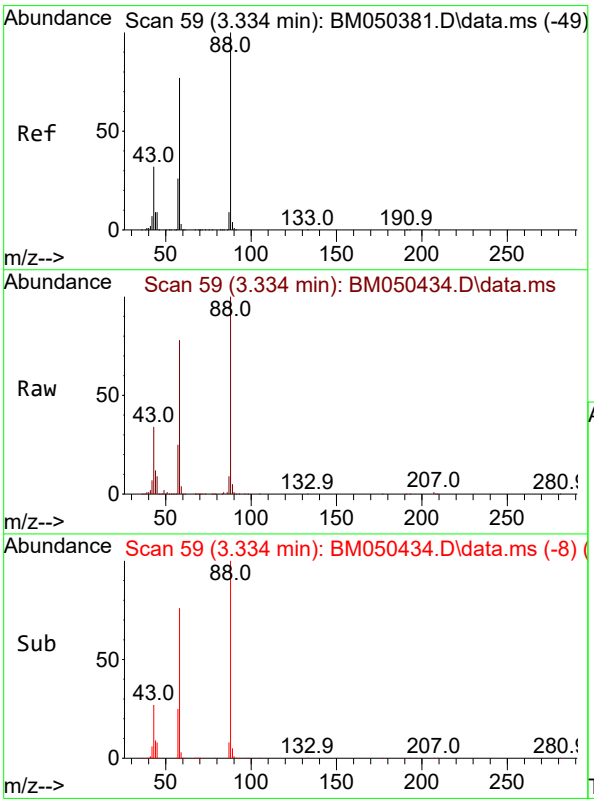
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:152 Resp: 363728

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.4
115	54.4	45.8	68.8

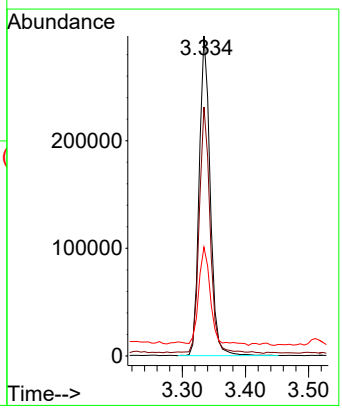


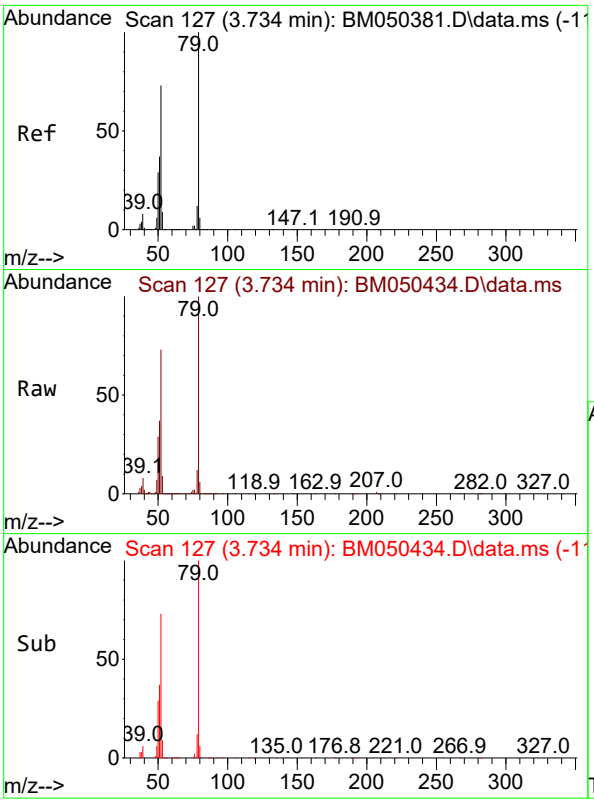


#2
1,4-Dioxane
Concen: 41.112 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 88 Resp: 357226

Ion	Ratio	Lower	Upper
88	100		
58	77.6	61.0	91.6
43	33.2	24.6	37.0



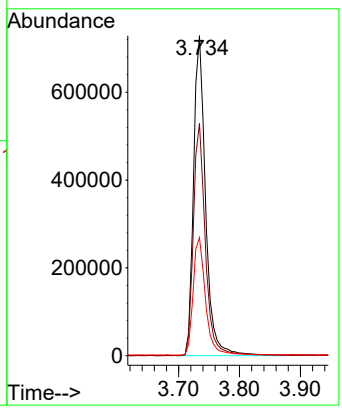


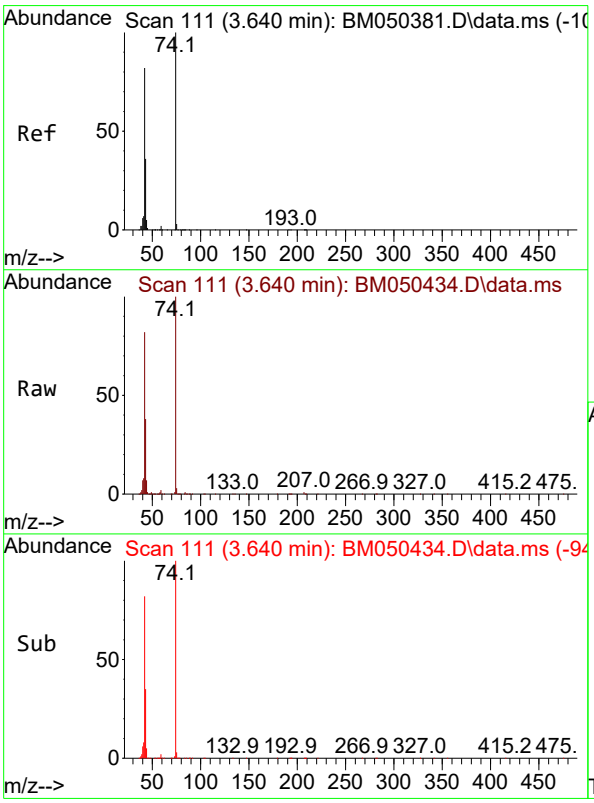
#3
Pyridine
Concen: 43.838 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 79 Resp: 1000010

Ion	Ratio	Lower	Upper
79	100		
52	72.5	58.3	87.5
51	36.9	29.6	44.4

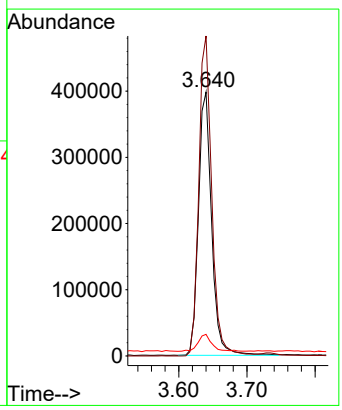


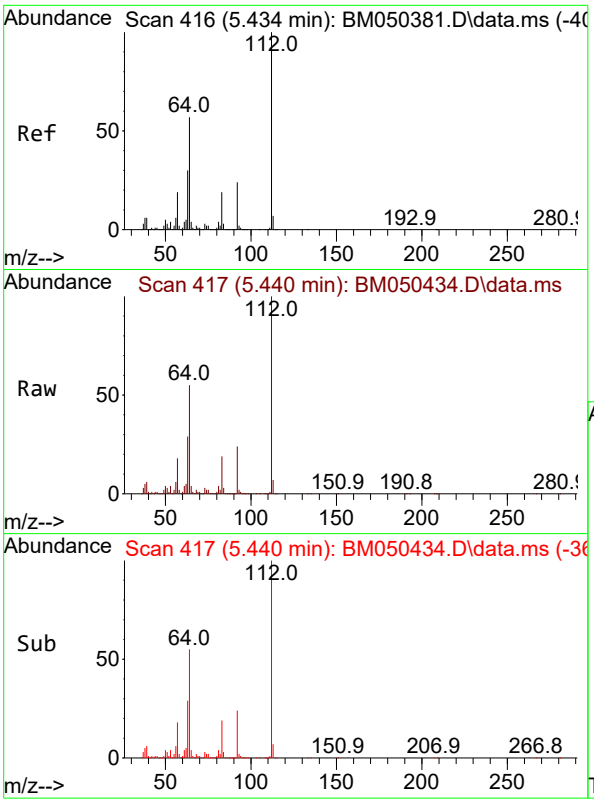


#4
n-Nitrosodimethylamine
Concen: 50.239 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 42 Resp: 534275

Ion	Ratio	Lower	Upper
42	100		
74	121.3	97.5	146.3
44	8.2	5.7	8.5



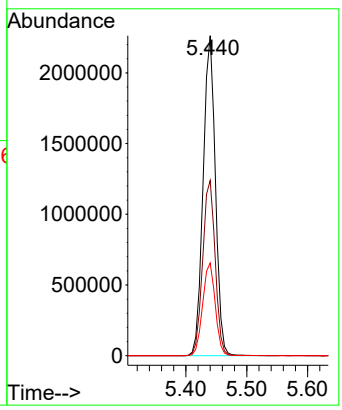


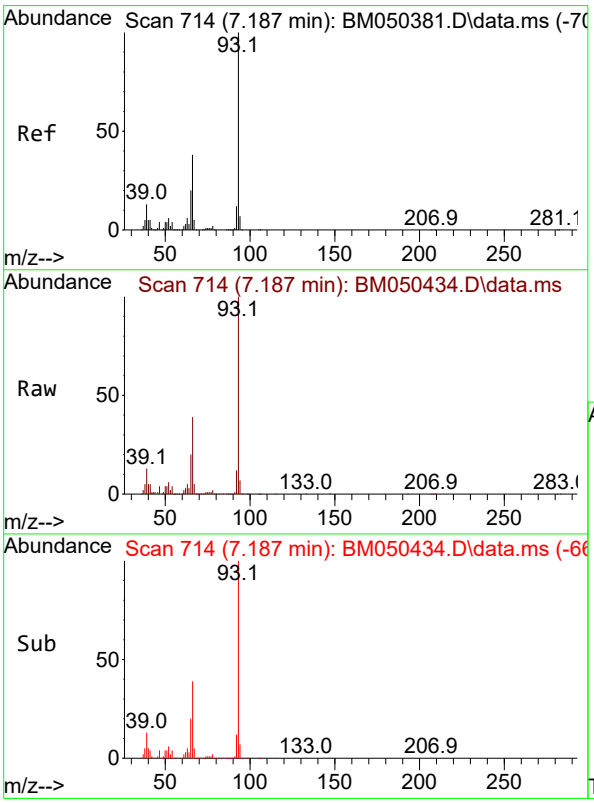
#5
2-Fluorophenol
Concen: 149.474 ng
RT: 5.440 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:112 Resp: 3158511

Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.5	68.3
63	29.0	24.2	36.4

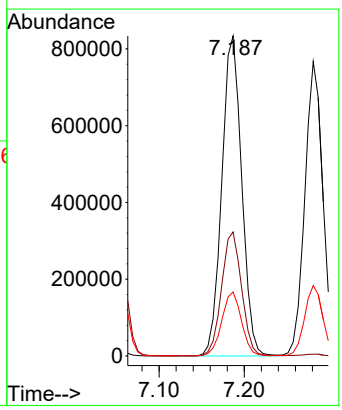


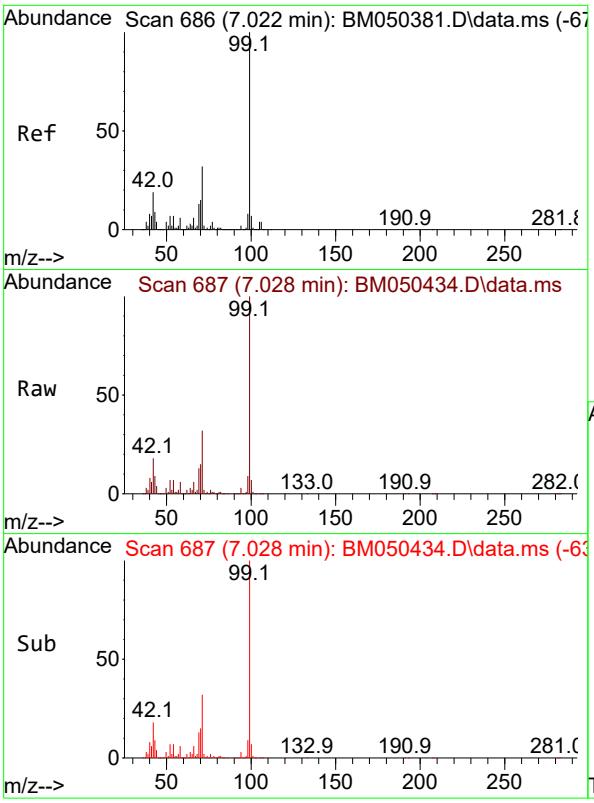


#6
Aniline
Concen: 39.600 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 93 Resp: 1353734

Ion	Ratio	Lower	Upper
93	100		
66	38.7	30.5	45.7
65	20.0	15.9	23.9



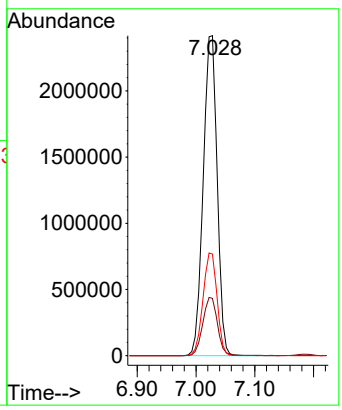


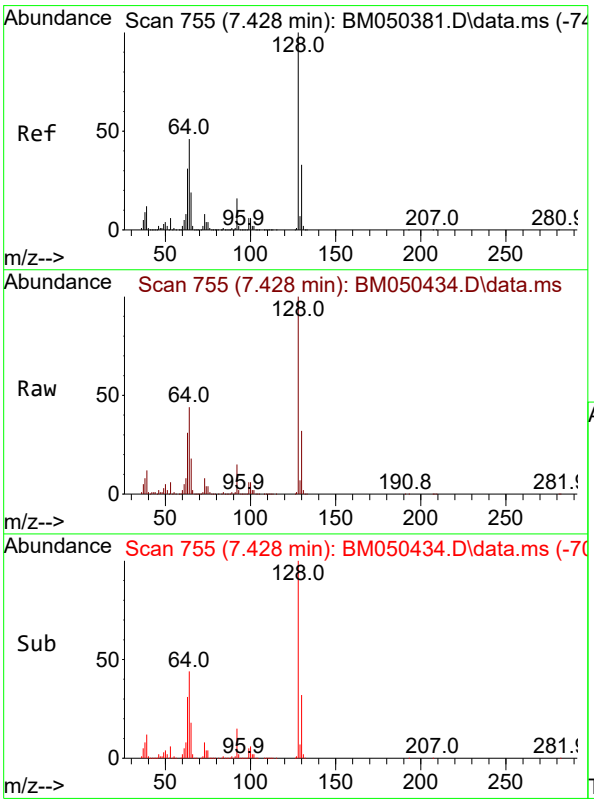
#7
Phenol-d6
Concen: 149.086 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 99 Resp: 3971297

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.6
71	31.8	25.9	38.9

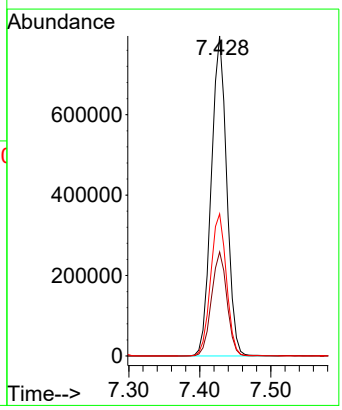


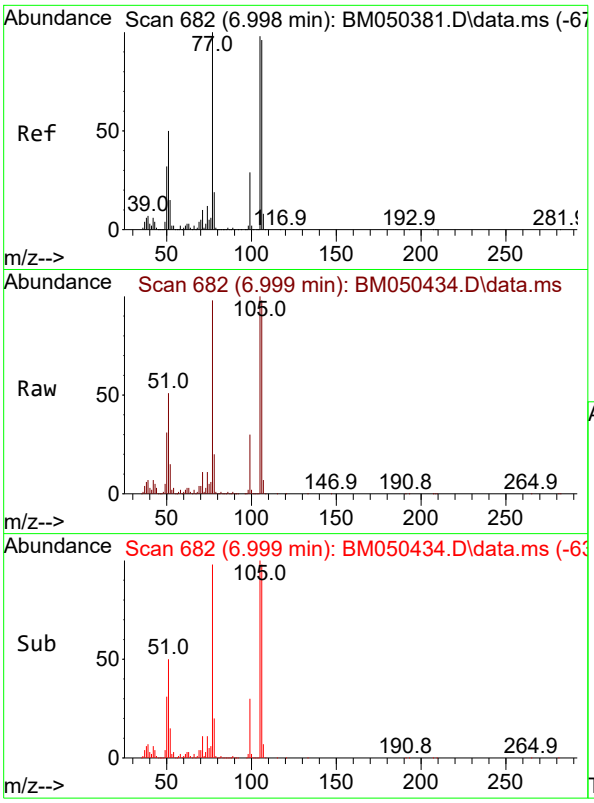


#8
2-Chlorophenol
Concen: 53.845 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:128 Resp: 1199754

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	44.4	25.6	65.6



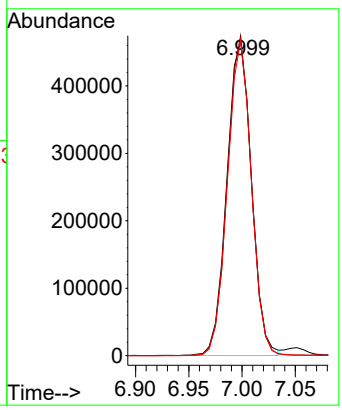


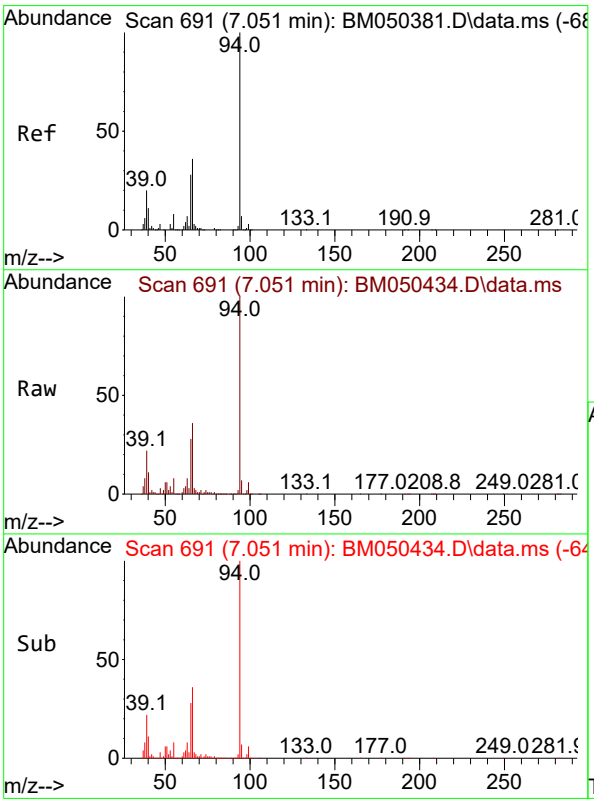
#9
Benzaldehyde
Concen: 47.283 ng
RT: 6.999 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 77 Resp: 749237

Ion	Ratio	Lower	Upper
77	100		
105	101.7	78.4	118.4
106	100.2	76.3	116.3

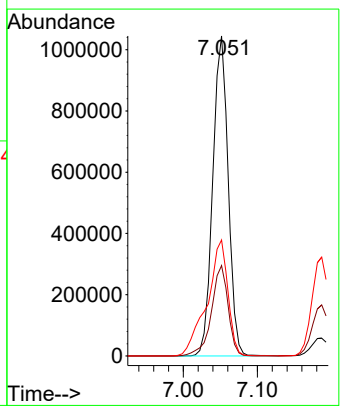


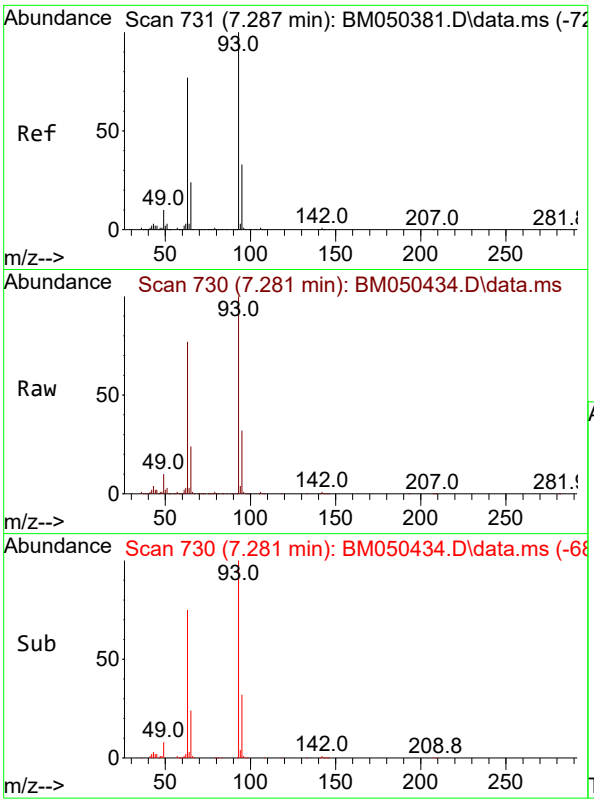


#10
Phenol
Concen: 54.338 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 94 Resp: 1509676

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	36.2	15.8	55.8



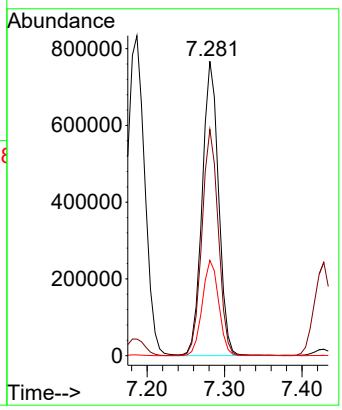


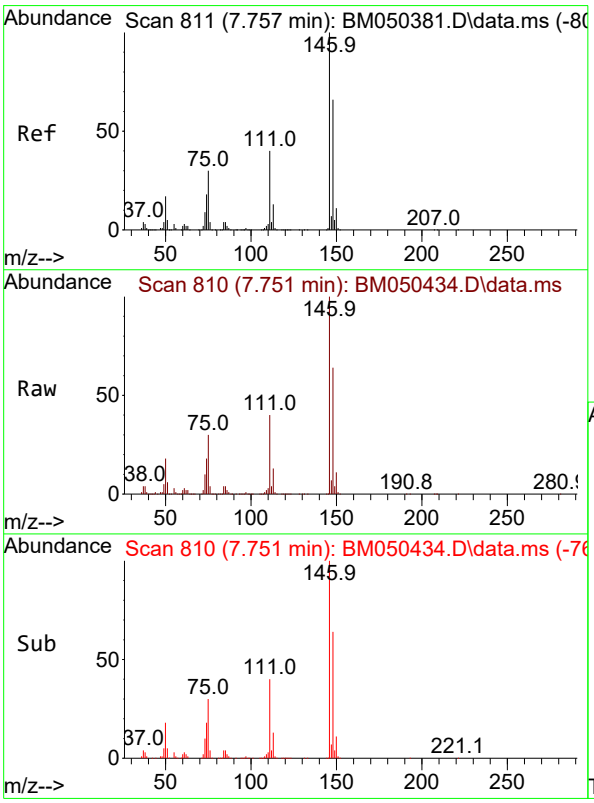
#11
bis(2-Chloroethyl)ether
Concen: 50.665 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 93 Resp: 1127316

Ion	Ratio	Lower	Upper
93	100		
63	76.8	56.9	96.9
95	32.4	12.6	52.6

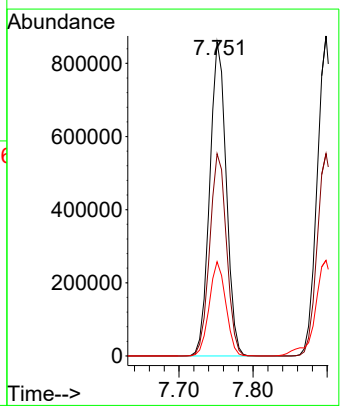


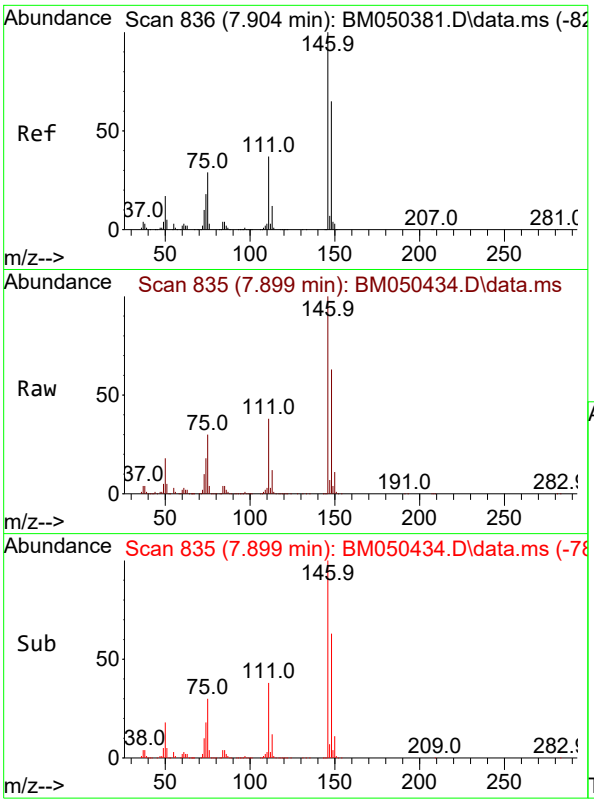


#12
1,3-Dichlorobenzene
Concen: 49.061 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:146 Resp: 1329222

Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.2	79.8
75	30.0	23.9	35.9



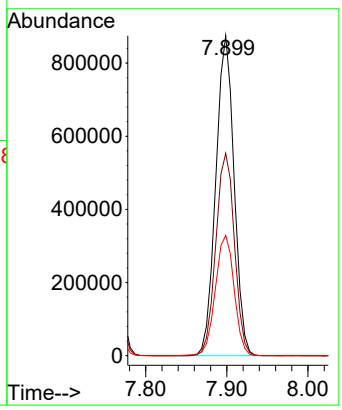


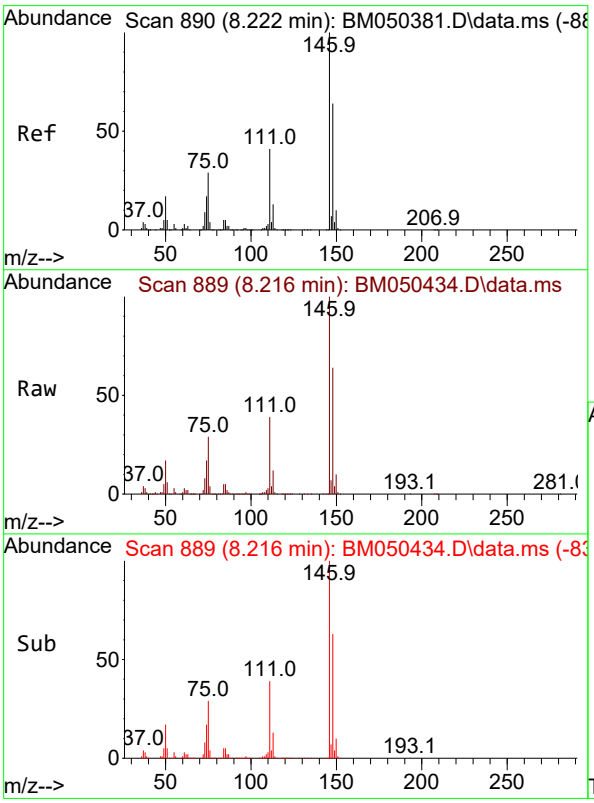
#13
1,4-Dichlorobenzene
Concen: 49.516 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:146 Resp: 1369857

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	37.6	30.0	45.0

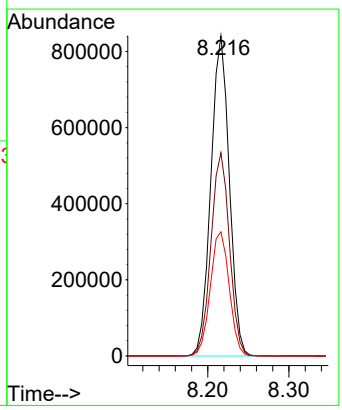


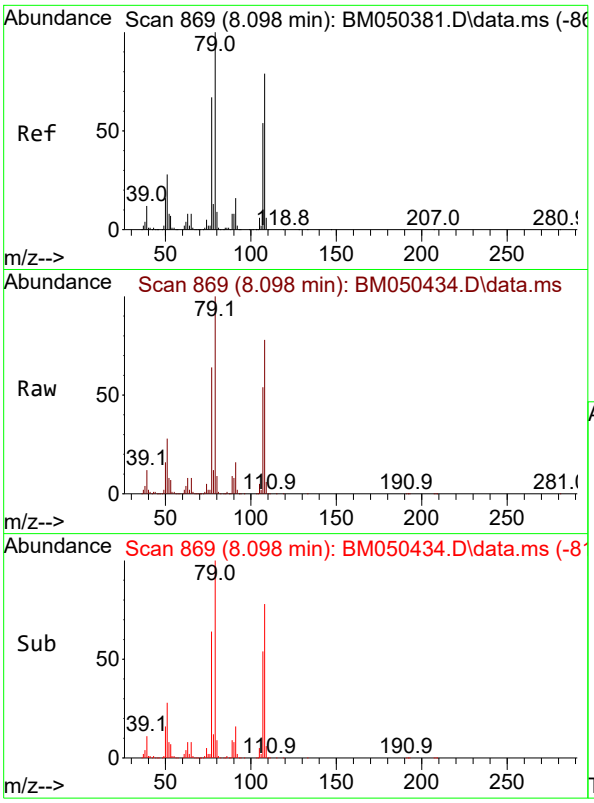


#14
1,2-Dichlorobenzene
Concen: 50.065 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:146 Resp: 1325994

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	38.8	32.6	49.0



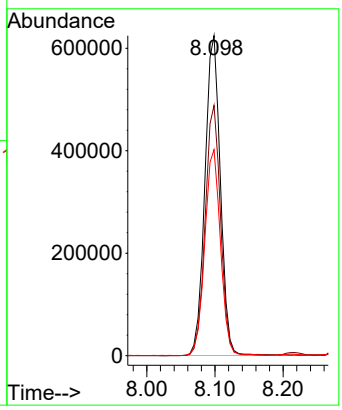


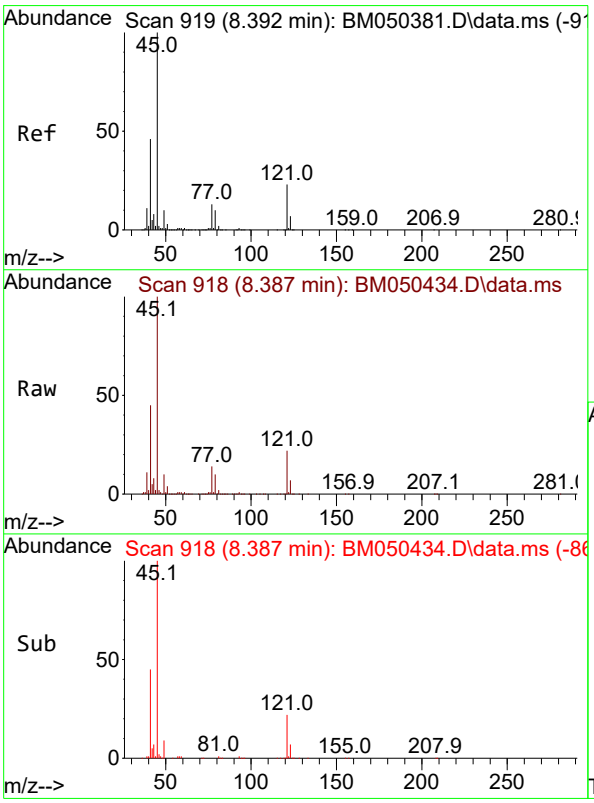
#15
Benzyl Alcohol
Concen: 52.466 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 79 Resp: 984718

Ion	Ratio	Lower	Upper
79	100		
108	78.2	63.0	94.4
77	64.4	53.4	80.0

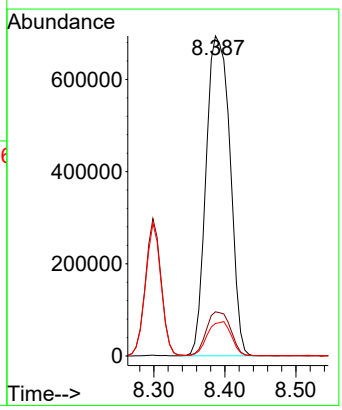


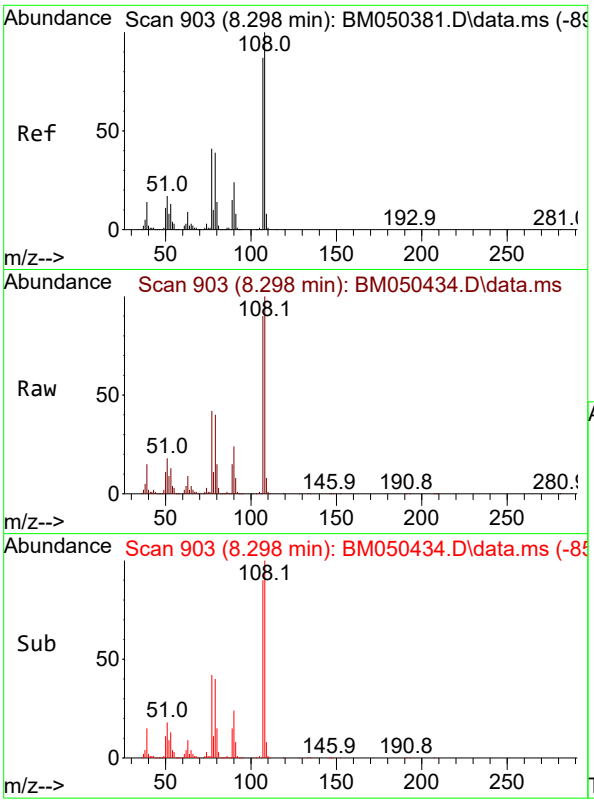


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.551 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 45 Resp: 1623965

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.5
79	10.2	0.0	30.3



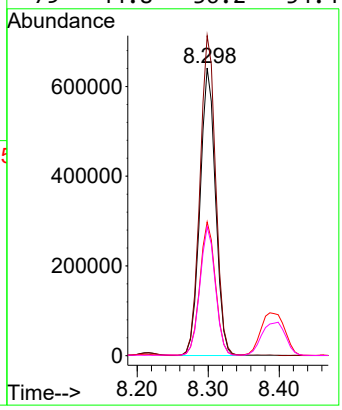


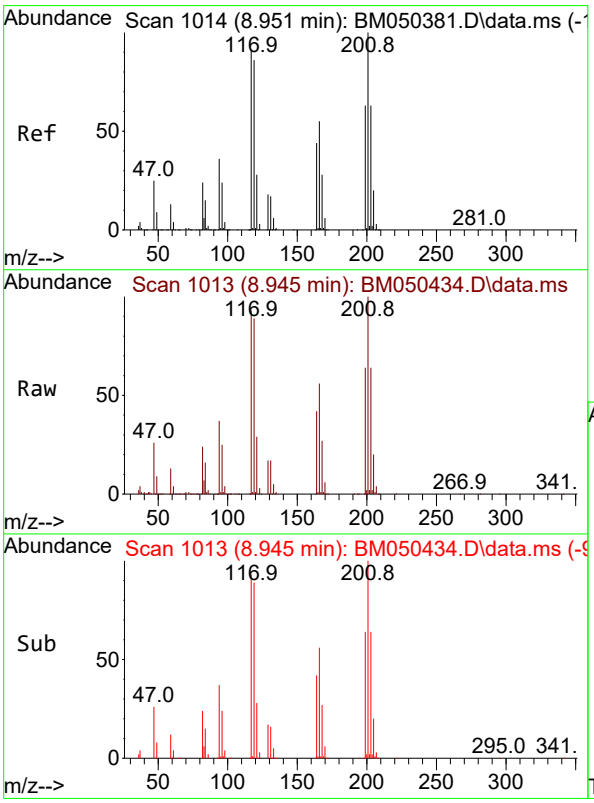
#17
2-Methylphenol
Concen: 53.917 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:107 Resp: 971575

Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.1	138.1
77	46.5	38.2	57.4
79	44.8	36.2	54.4

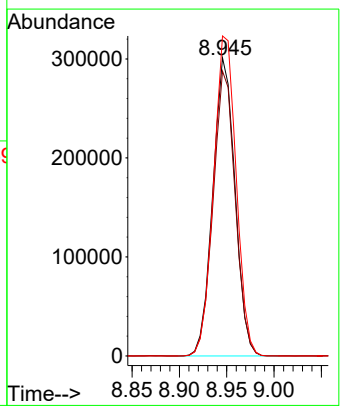


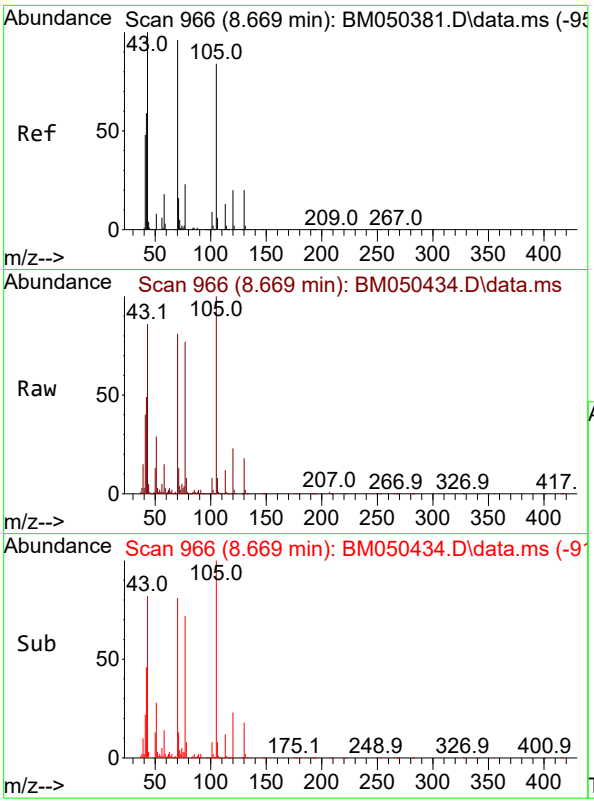


#18
Hexachloroethane
Concen: 50.404 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:117 Resp: 490406

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	107.4	87.9	131.9



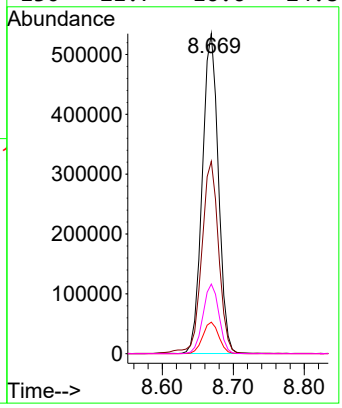


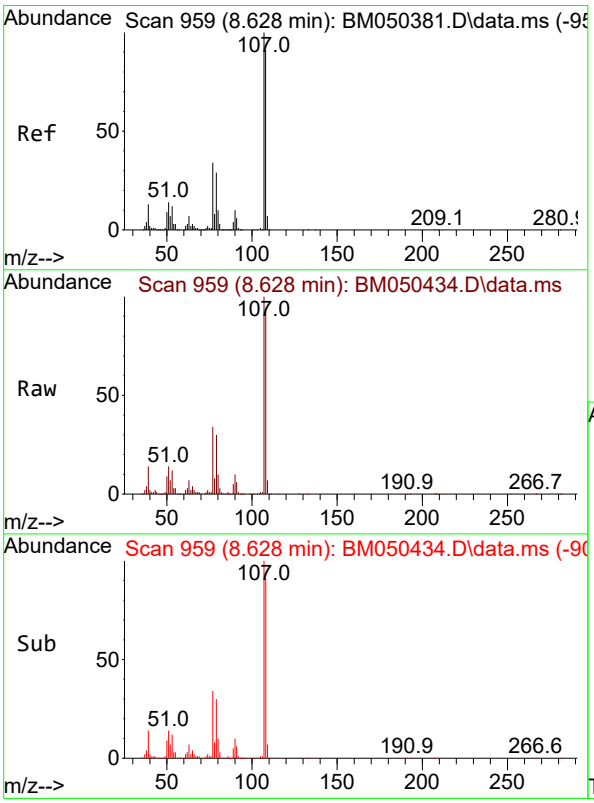
#19
n-Nitroso-di-n-propylamine
Concen: 52.221 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 70 Resp: 842689

Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.7	74.5
101	9.9	7.7	11.5
130	21.7	16.6	24.8

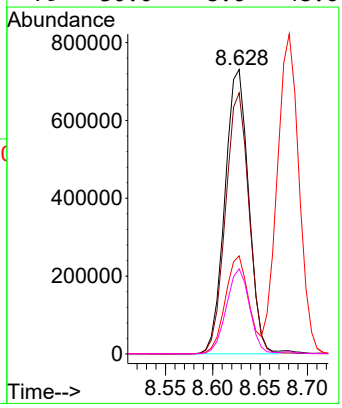


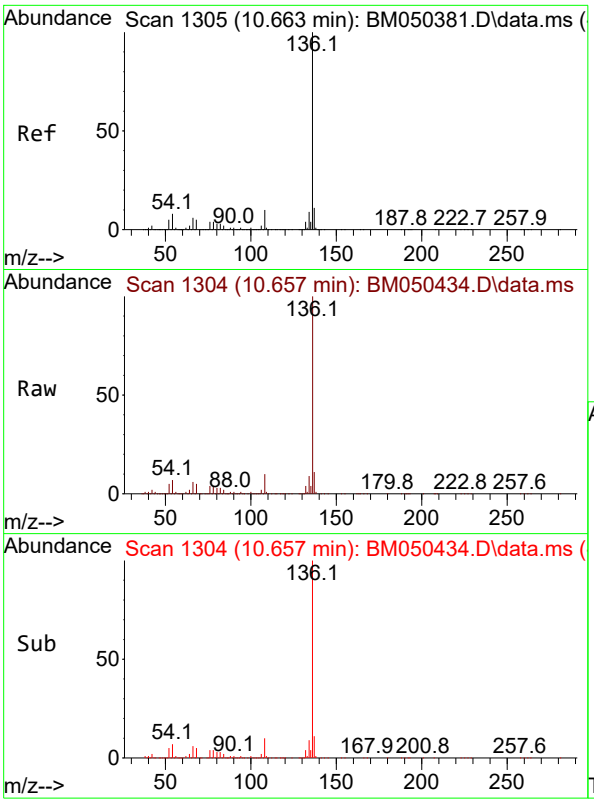


#20
3+4-Methylphenols
Concen: 52.731 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:107 Resp: 1275572

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.5	111.5
77	34.5	13.7	53.7
79	30.0	8.6	48.6



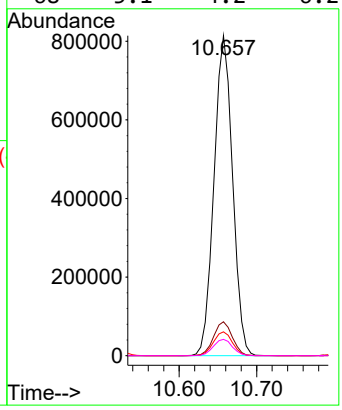


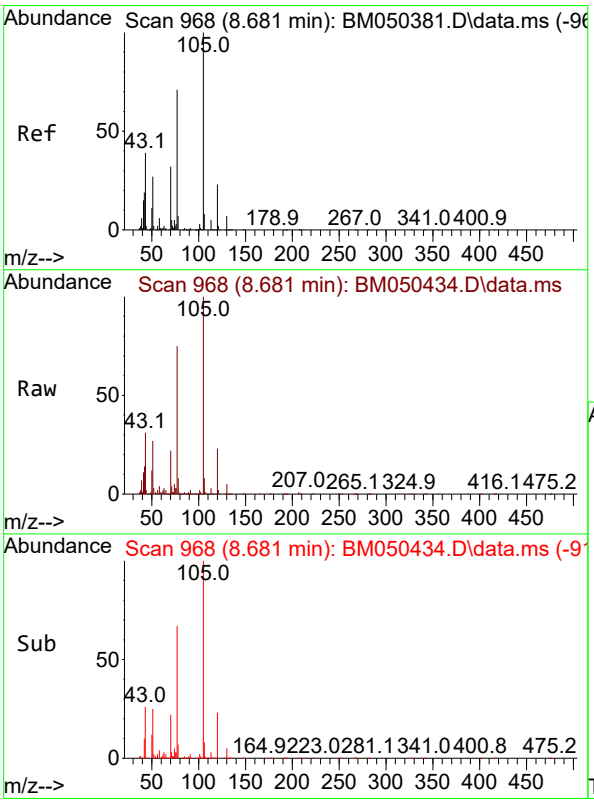
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:136 Resp: 1355774

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	6.3	9.5
68	5.1	4.2	6.2

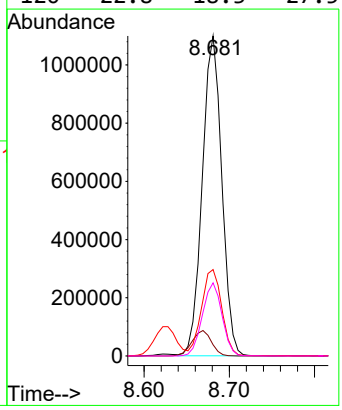


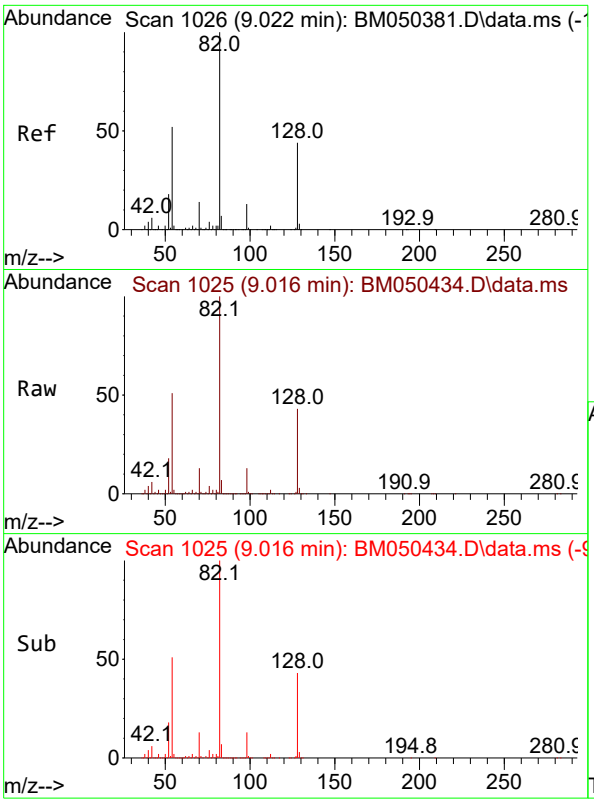


#22
Acetophenone
Concen: 51.633 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:105 Resp: 1750256

Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.4	6.6#
51	27.0	23.0	34.6
120	22.8	18.3	27.5



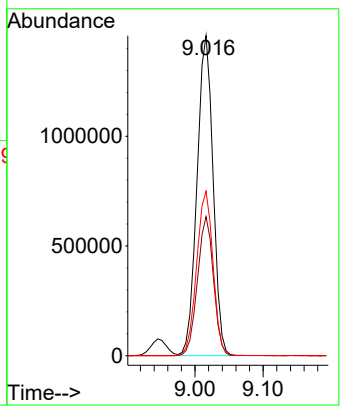


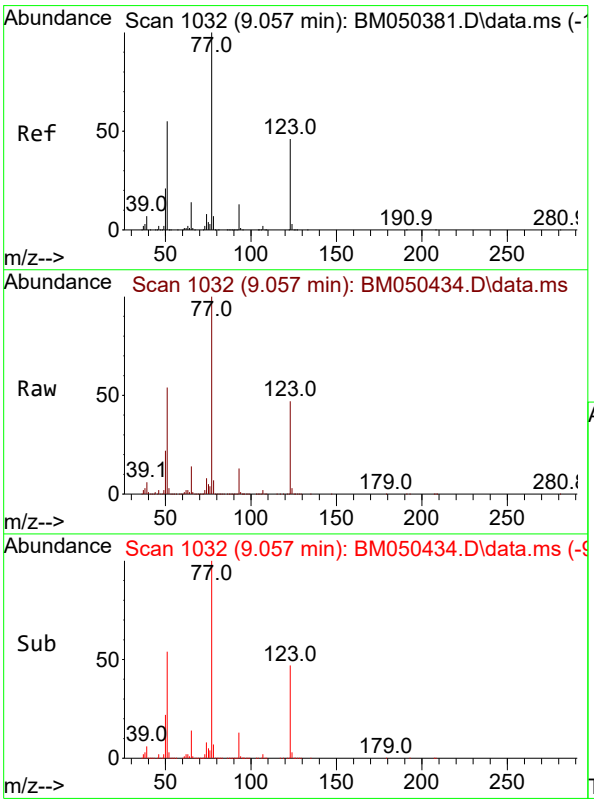
#23
Nitrobenzene-d5
Concen: 89.539 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 82 Resp: 2379432

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.2	52.8
54	51.4	41.5	62.3

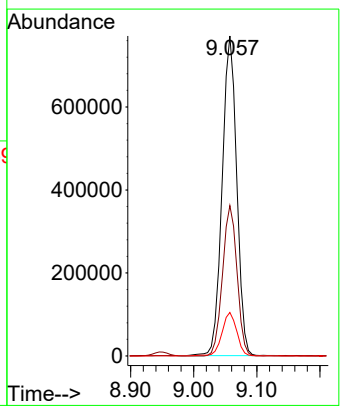


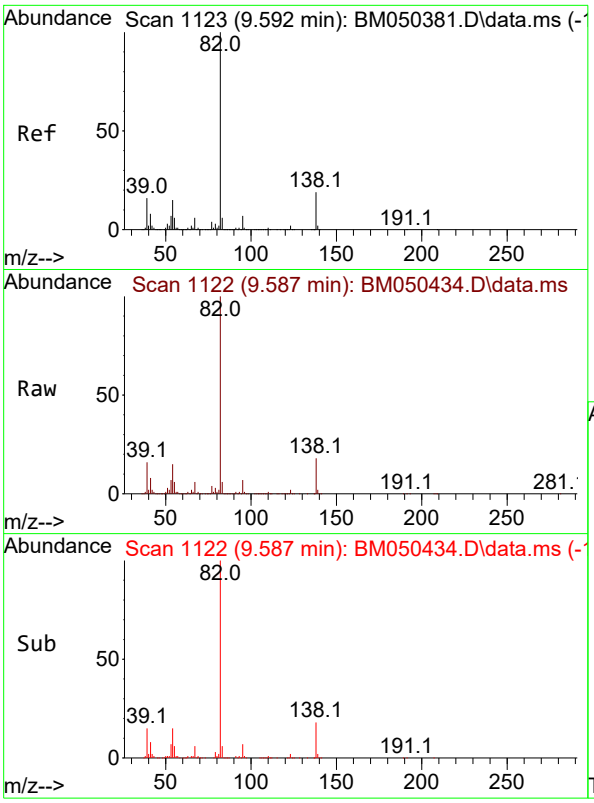


#24
Nitrobenzene
Concen: 52.130 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 77 Resp: 1236205

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.0	55.6
65	13.6	11.0	16.4



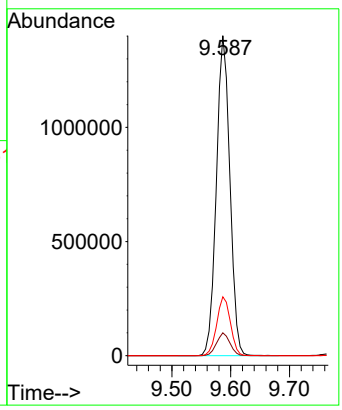


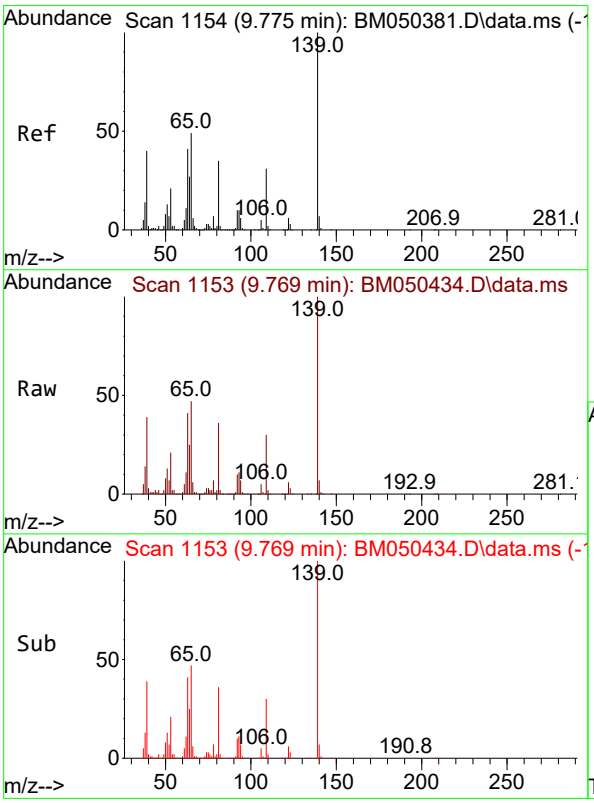
#25
Isophorone
Concen: 51.898 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 82 Resp: 2237912

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.4	15.3	22.9

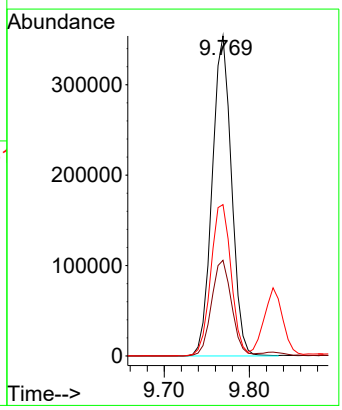


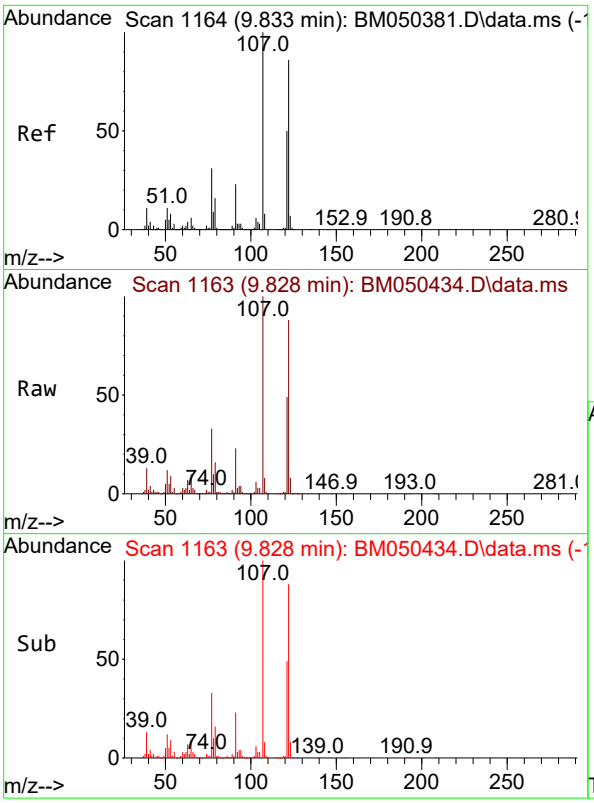


#26
2-Nitrophenol
Concen: 57.706 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:139 Resp: 557713

Ion	Ratio	Lower	Upper
139	100		
109	29.9	24.6	36.8
65	47.3	39.2	58.8



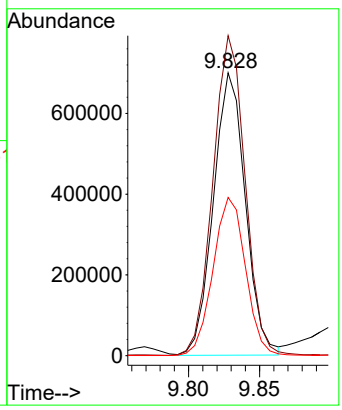


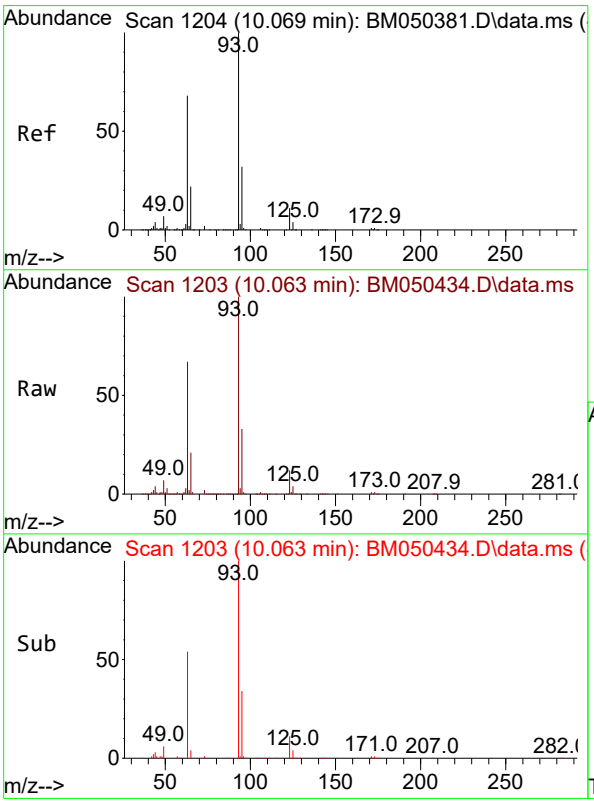
#27
2,4-Dimethylphenol
Concen: 53.383 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:122 Resp: 1097855

Ion	Ratio	Lower	Upper
122	100		
107	113.1	93.0	139.6
121	55.9	46.1	69.1

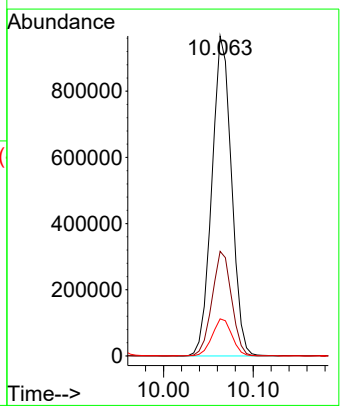


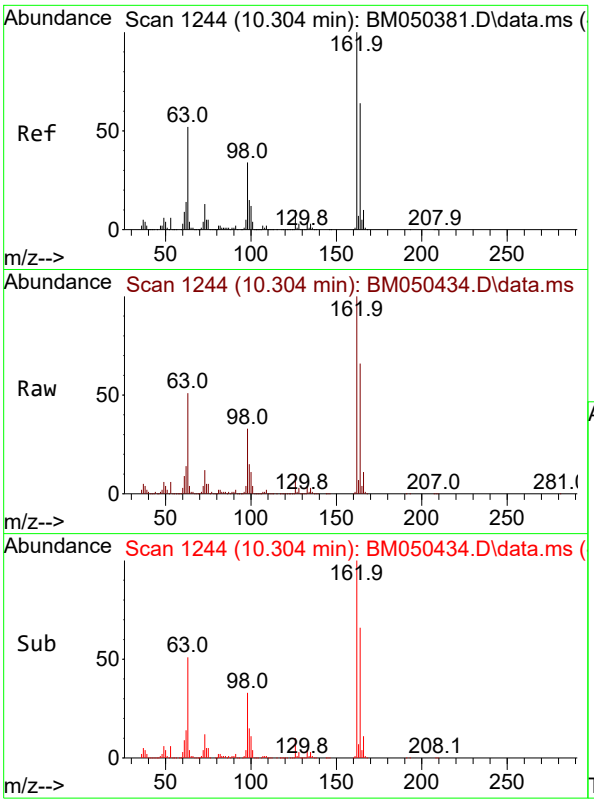


#28
bis(2-Chloroethoxy)methane
Concen: 51.450 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 93 Resp: 1470114

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.6	9.1	13.7



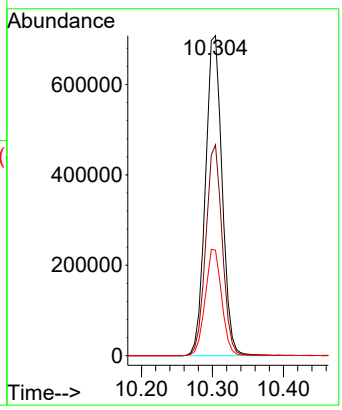


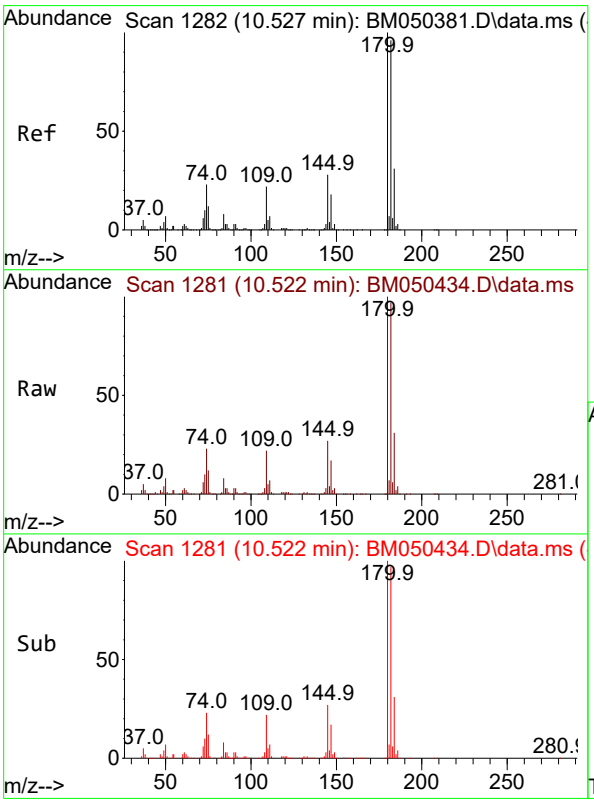
#29
2,4-Dichlorophenol
Concen: 54.839 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:162 Resp: 1158666

Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.7	83.7
98	33.0	13.7	53.7

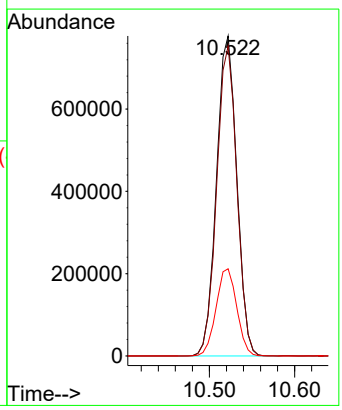


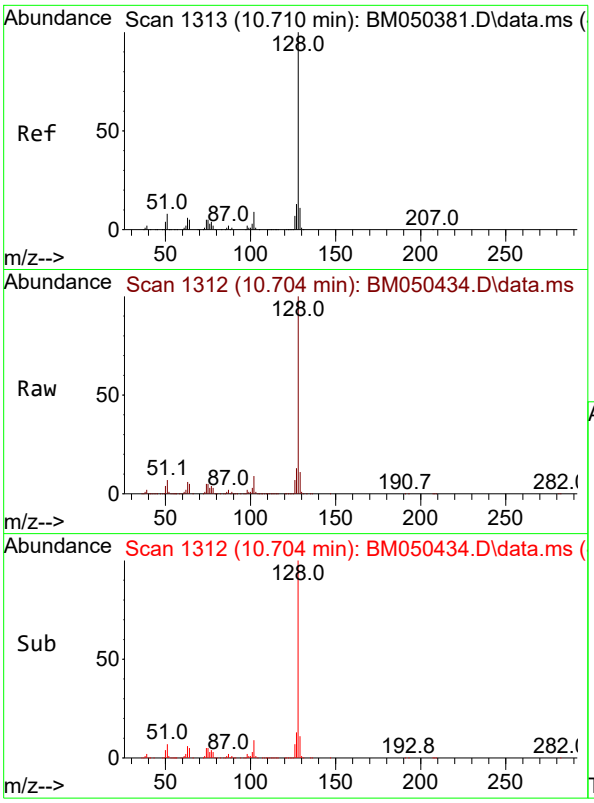


#30
1,2,4-Trichlorobenzene
Concen: 50.901 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:180 Resp: 1286539

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.8	115.2
145	27.3	22.6	33.8



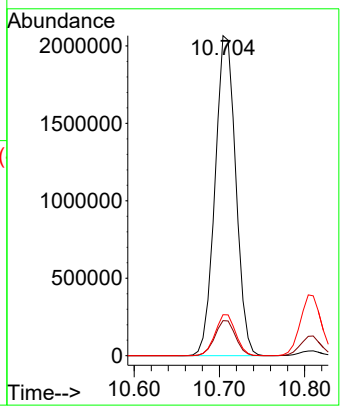


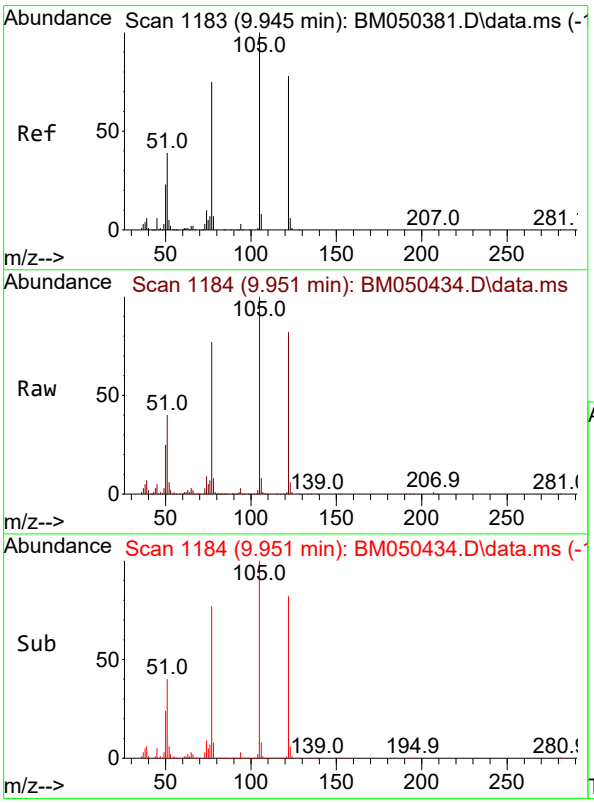
#31
Naphthalene
Concen: 50.768 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:128 Resp: 3496079

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.4	15.6

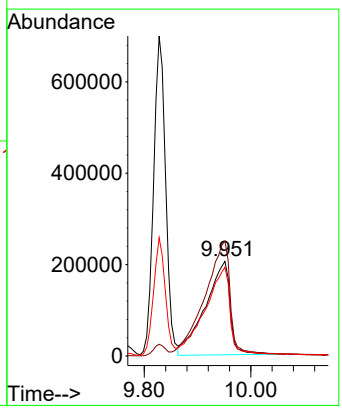


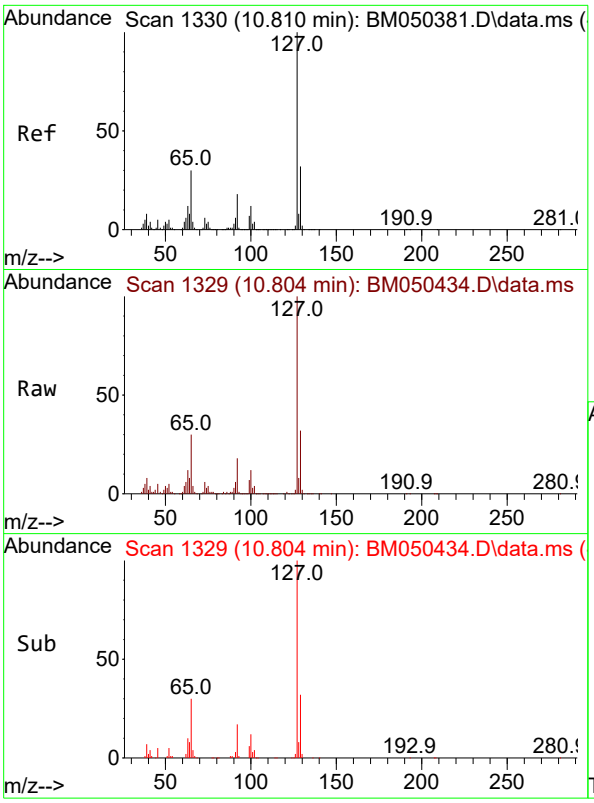


#32
Benzoic acid
Concen: 52.224 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:122 Resp: 666825

Ion	Ratio	Lower	Upper
122	100		
105	121.5	104.0	144.0
77	93.7	73.8	113.8



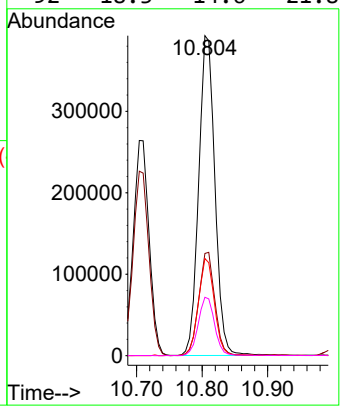


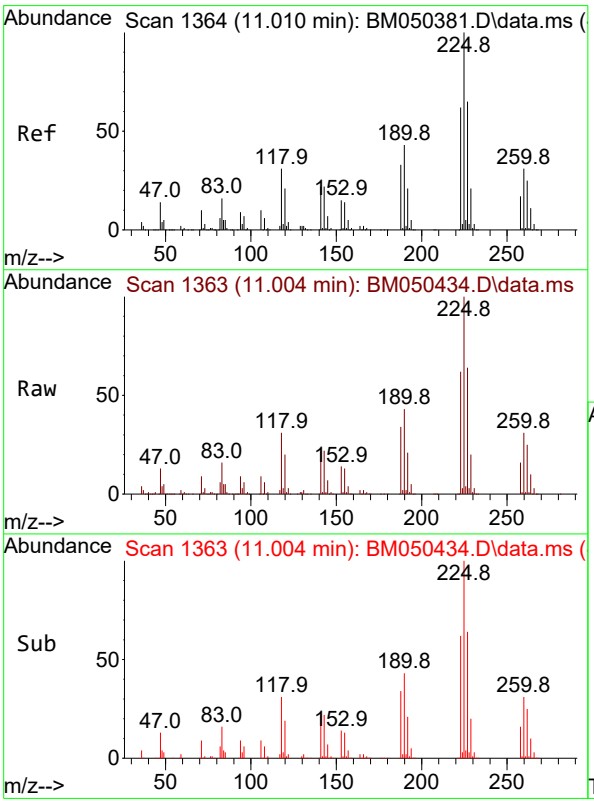
#33
4-Chloroaniline
Concen: 23.293 ng
RT: 10.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:127 Resp: 678119

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	30.4	23.9	35.9
92	18.3	14.6	21.8

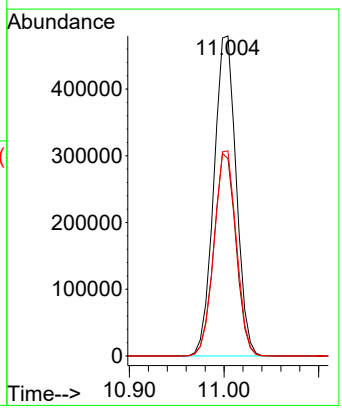


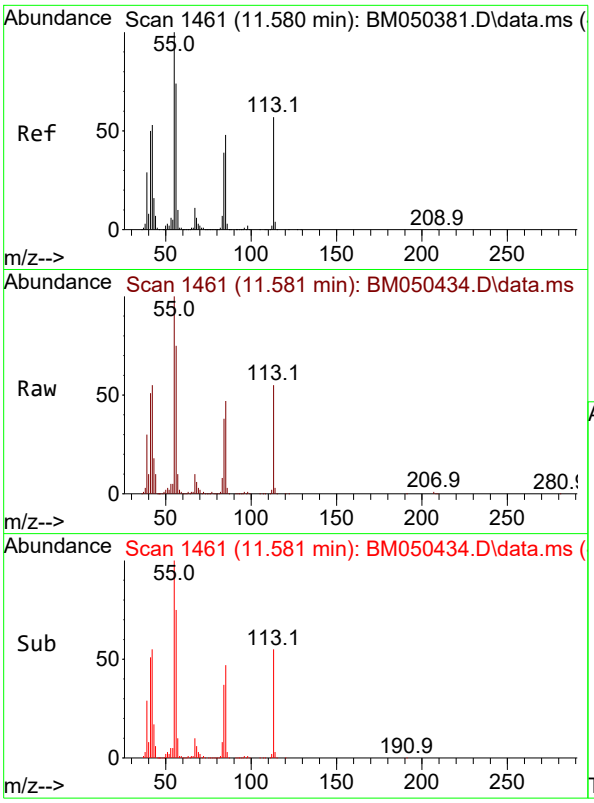


#34
Hexachlorobutadiene
Concen: 50.909 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:225 Resp: 785353

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	64.1	52.1	78.1



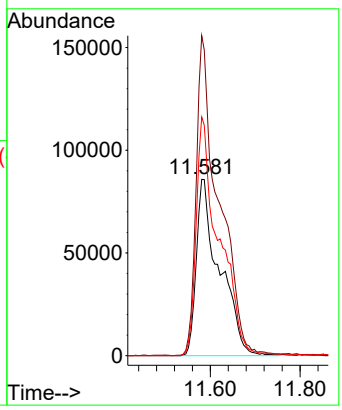


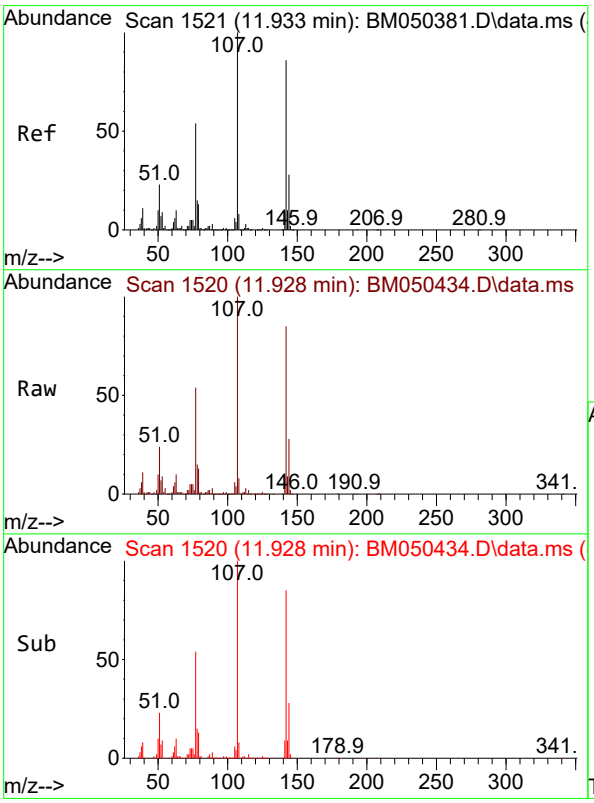
#35
Caprolactam
Concen: 53.298 ng
RT: 11.581 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:113 Resp: 307412

Ion	Ratio	Lower	Upper
113	100		
55	181.4	157.2	197.2
56	135.4	111.7	151.7

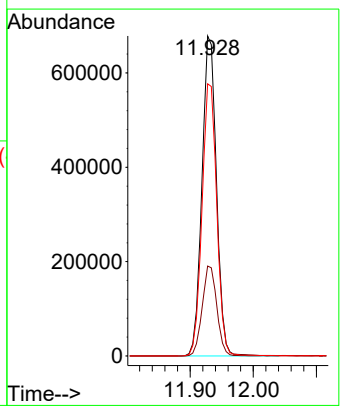


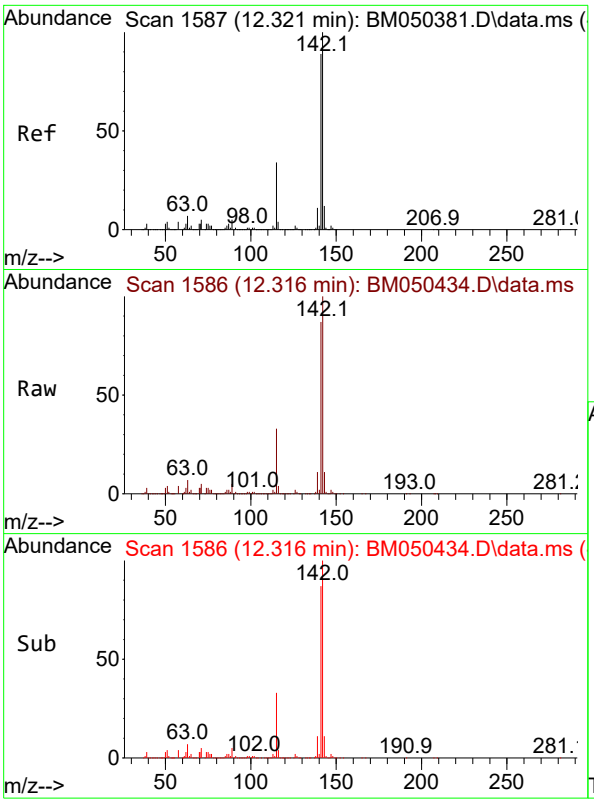


#36
4-Chloro-3-methylphenol
Concen: 54.883 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:107 Resp: 1082852

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.2	33.4
142	85.0	68.7	103.1



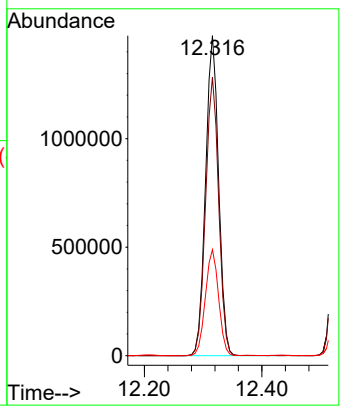


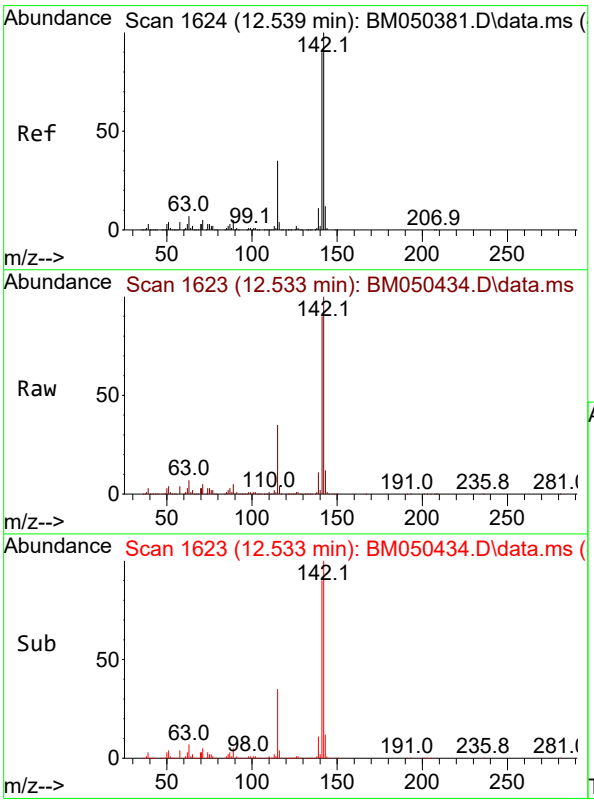
#37
2-Methylnaphthalene
Concen: 52.236 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:142 Resp: 2271242

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	33.2	27.0	40.4

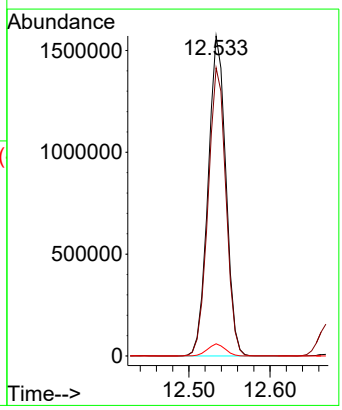


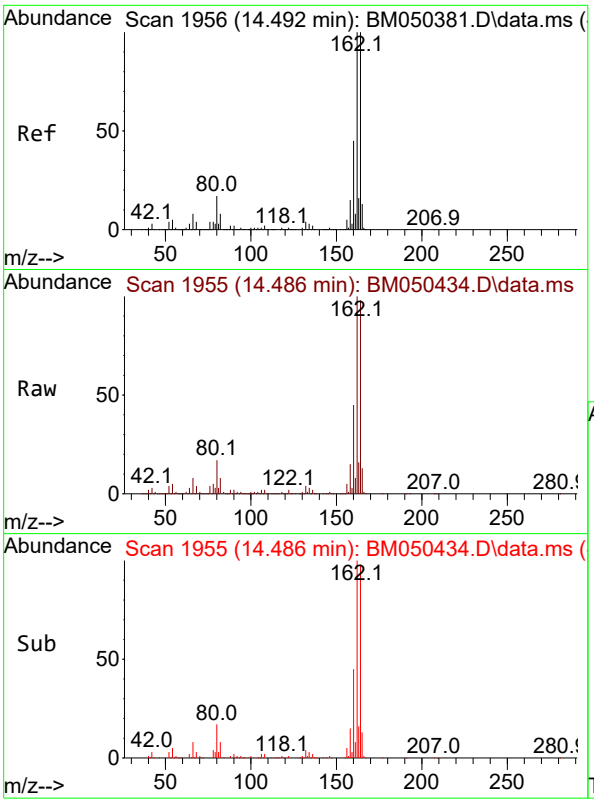


#38
1-Methylnaphthalene
Concen: 51.865 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:142 Resp: 2386598

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.8	3.0	4.6



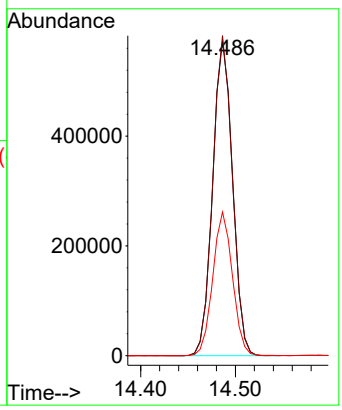


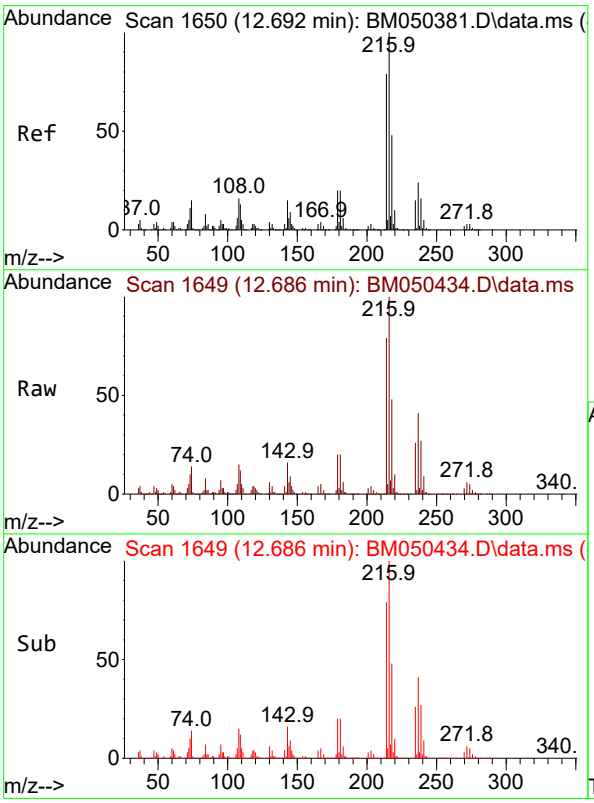
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:164 Resp: 836315

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	45.6	36.2	54.4

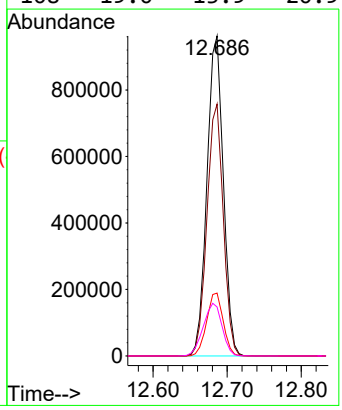


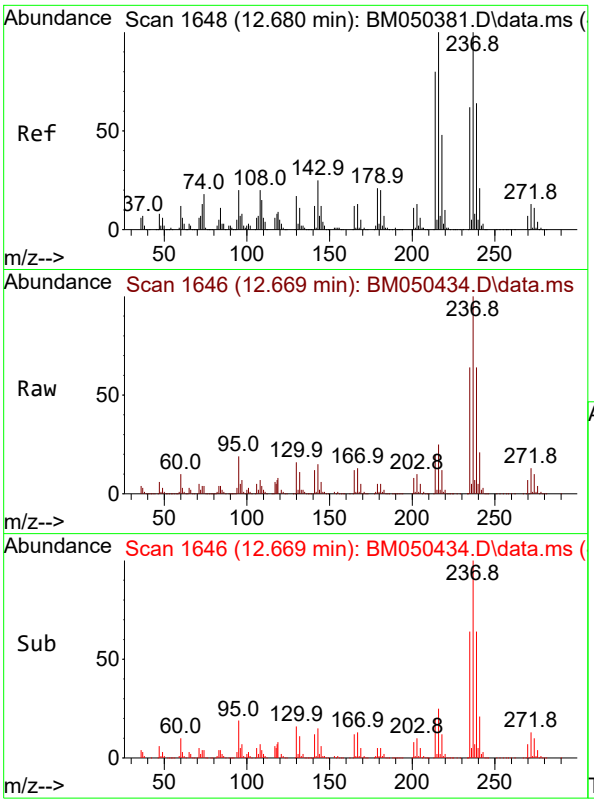


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.469 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:216 Resp: 1475238

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.3	94.9
179	20.0	16.4	24.6
108	19.0	13.9	20.9



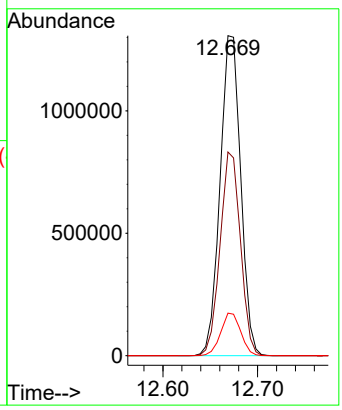


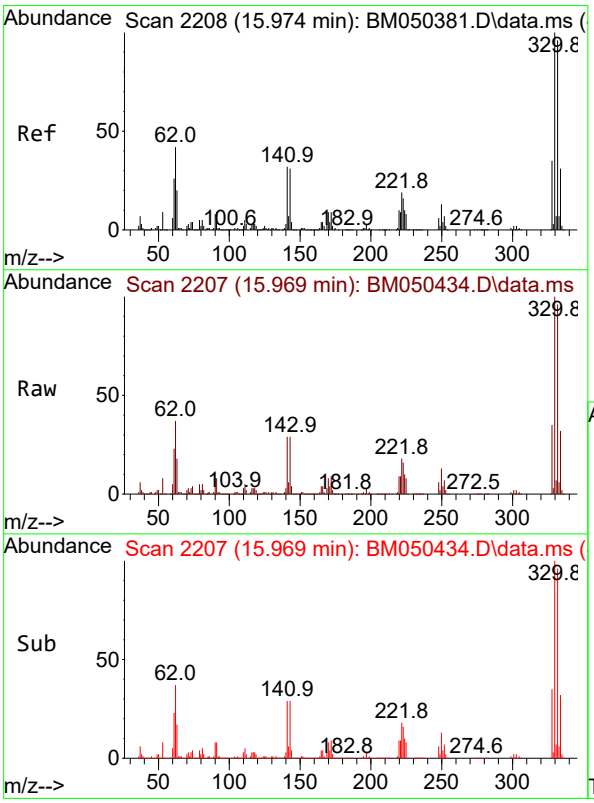
#41
Hexachlorocyclopentadiene
Concen: 116.411 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:237 Resp: 1979022

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.3	82.3
272	13.3	0.0	33.0

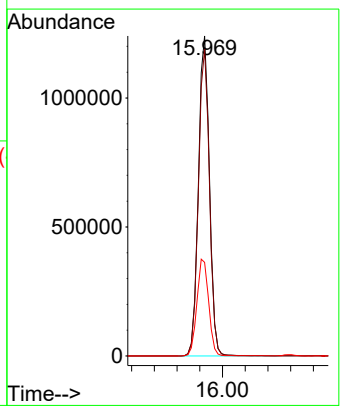


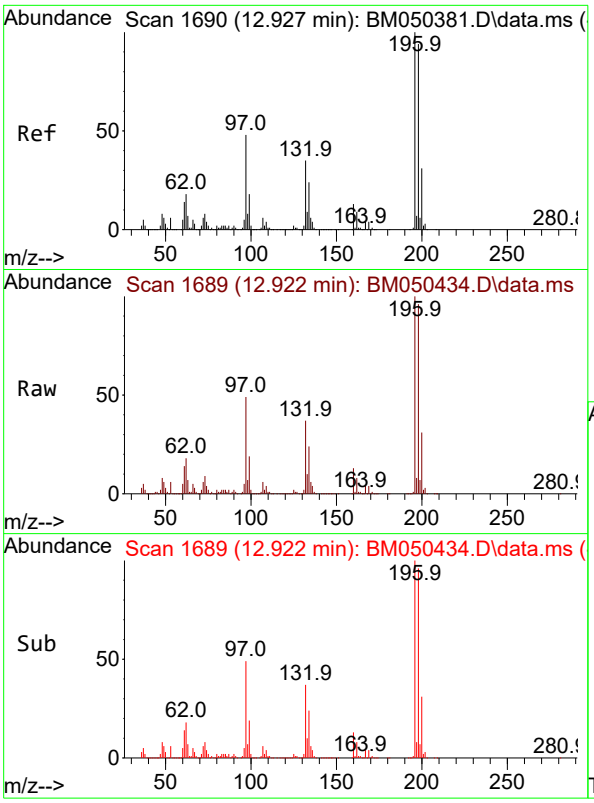


#42
2,4,6-Tribromophenol
Concen: 165.102 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:330 Resp: 1677653

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	32.4	27.4	41.0



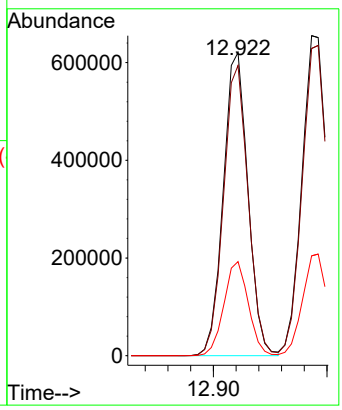


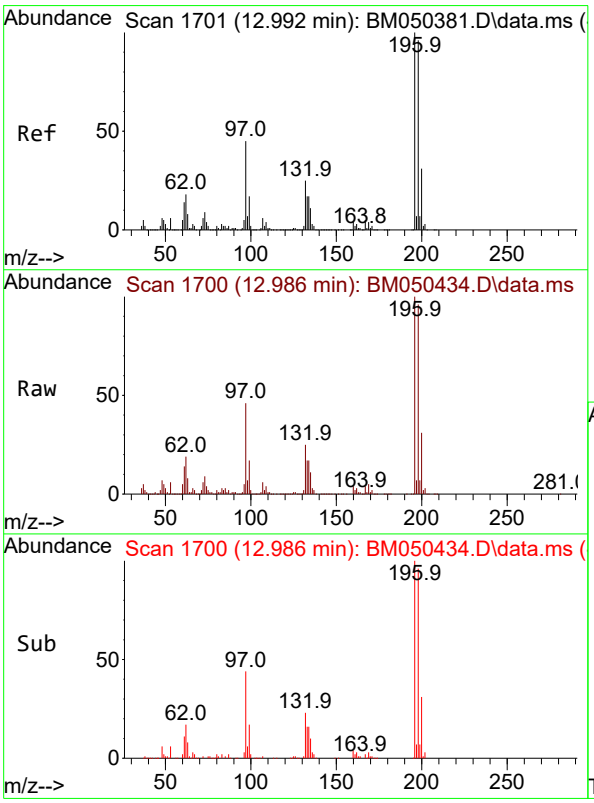
#43
2,4,6-Trichlorophenol
Concen: 57.157 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:196 Resp: 935699

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.1	112.7
200	31.0	24.6	37.0

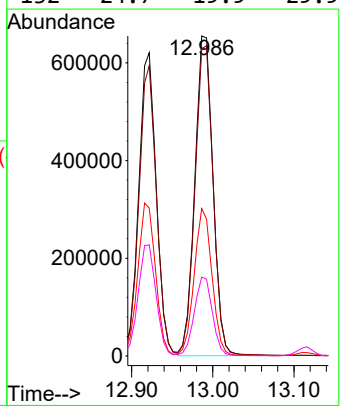


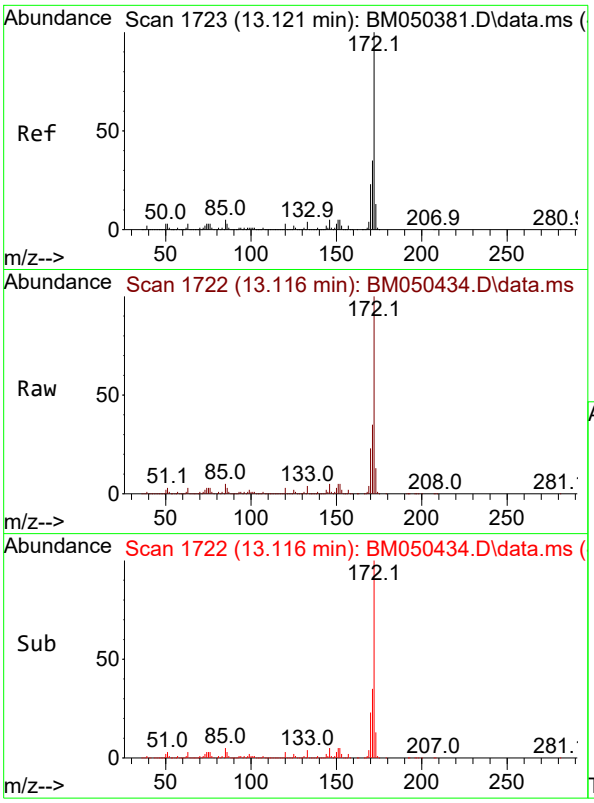


#44
2,4,5-Trichlorophenol
Concen: 57.121 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:196 Resp: 1021261

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
97	46.1	36.2	54.4
132	24.7	19.9	29.9



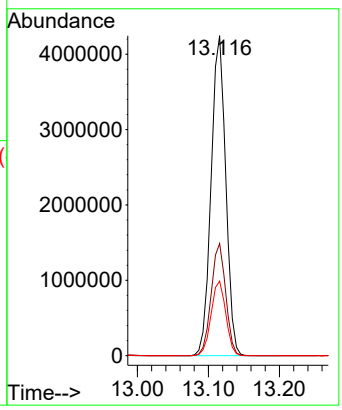


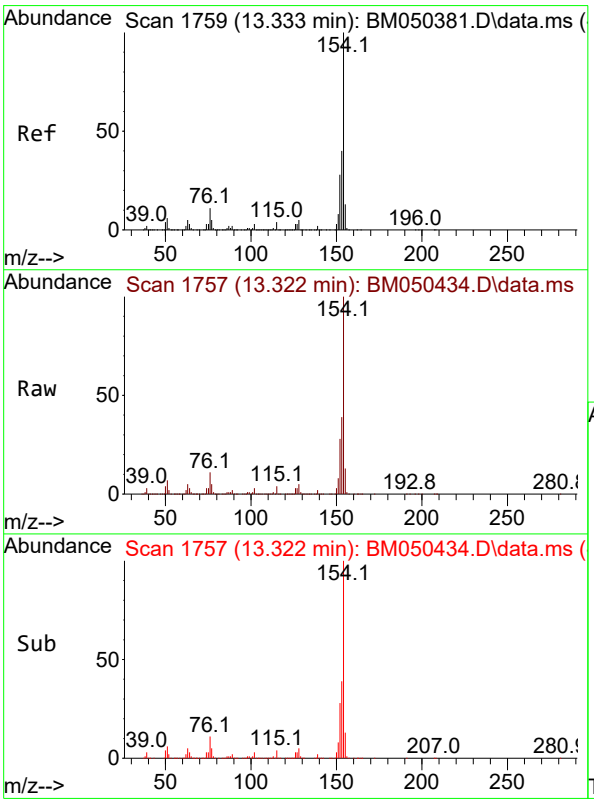
#45
2-Fluorobiphenyl
Concen: 89.480 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:172 Resp: 6059707

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.3	18.8	28.2

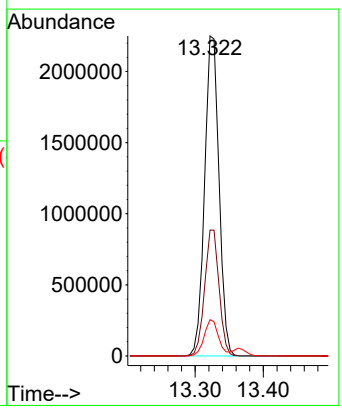


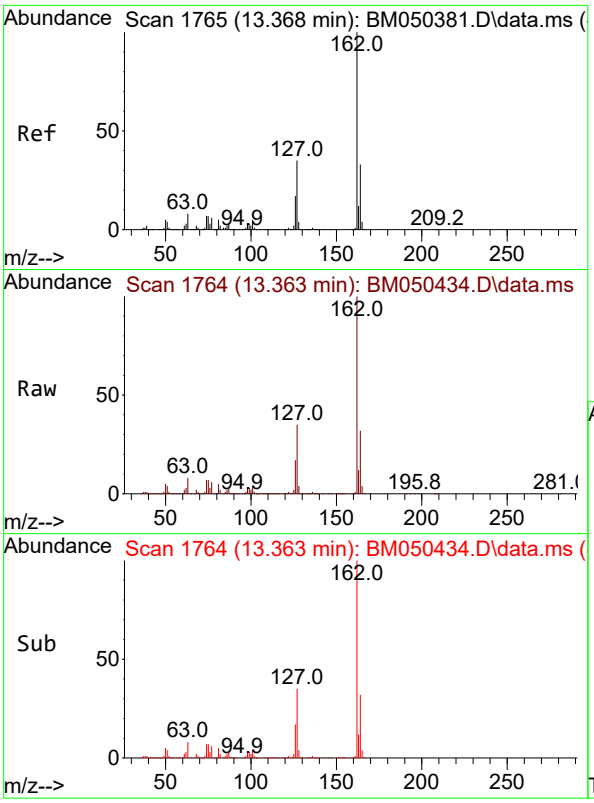


#46
1,1'-Biphenyl
Concen: 53.268 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:154 Resp: 3305236

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	11.3	0.0	30.9



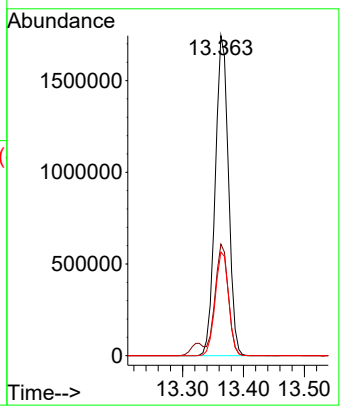


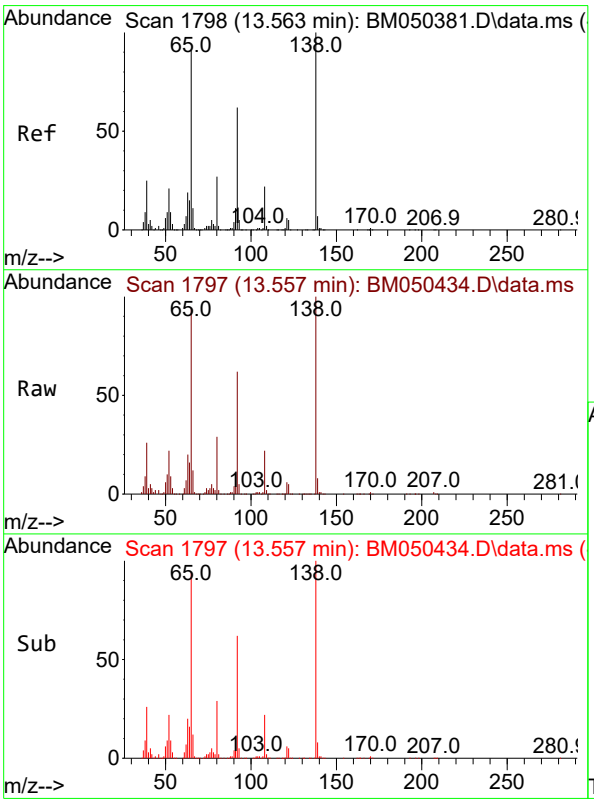
#47
2-Chloronaphthalene
Concen: 53.046 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:162 Resp: 2624299

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	32.4	26.6	40.0

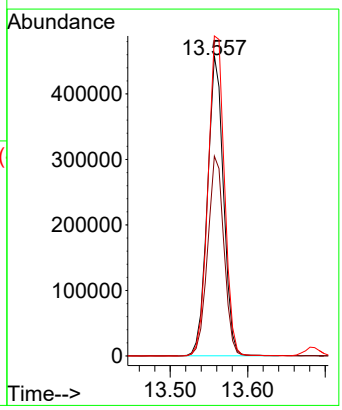


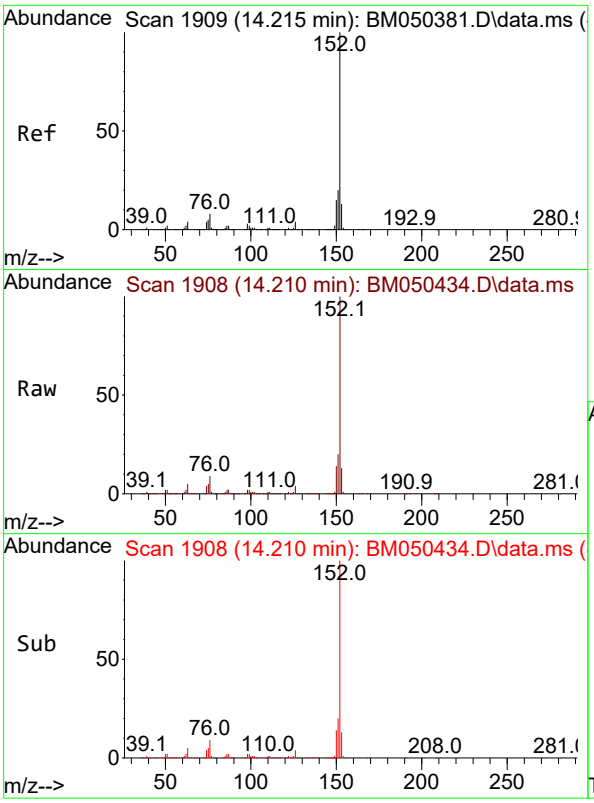


#48
2-Nitroaniline
Concen: 59.687 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion: 65 Resp: 659109

Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.3	81.5
138	106.6	87.8	131.6



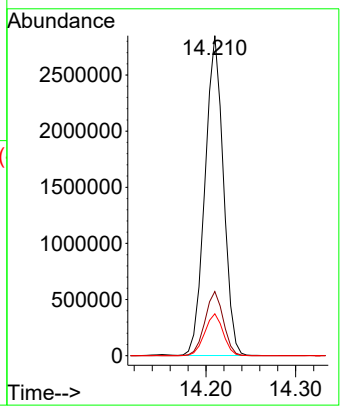


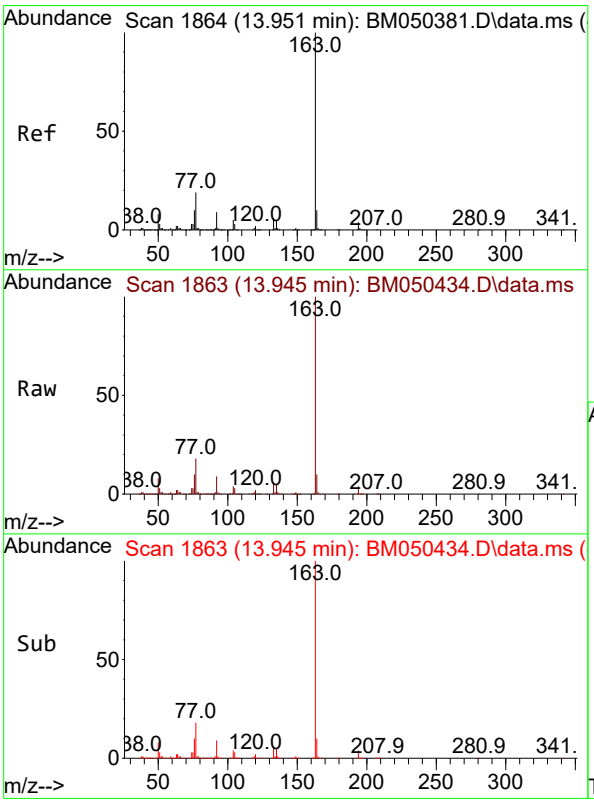
#49
Acenaphthylene
Concen: 54.253 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:152 Resp: 4056336

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.6	15.8

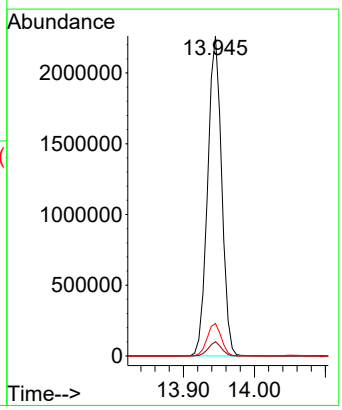


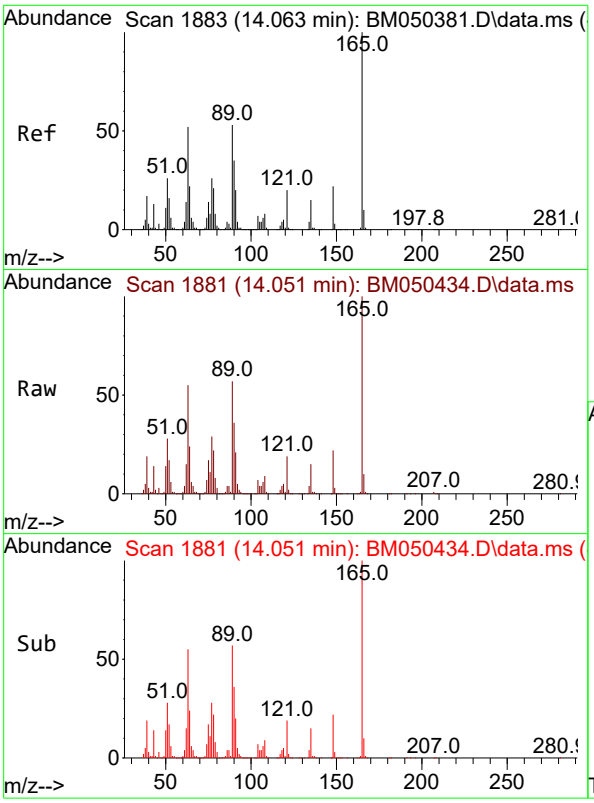


#50
Dimethylphthalate
Concen: 53.800 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:163 Resp: 3097732

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



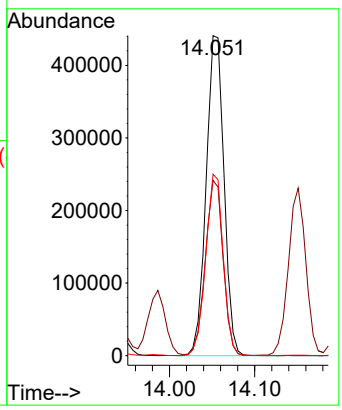


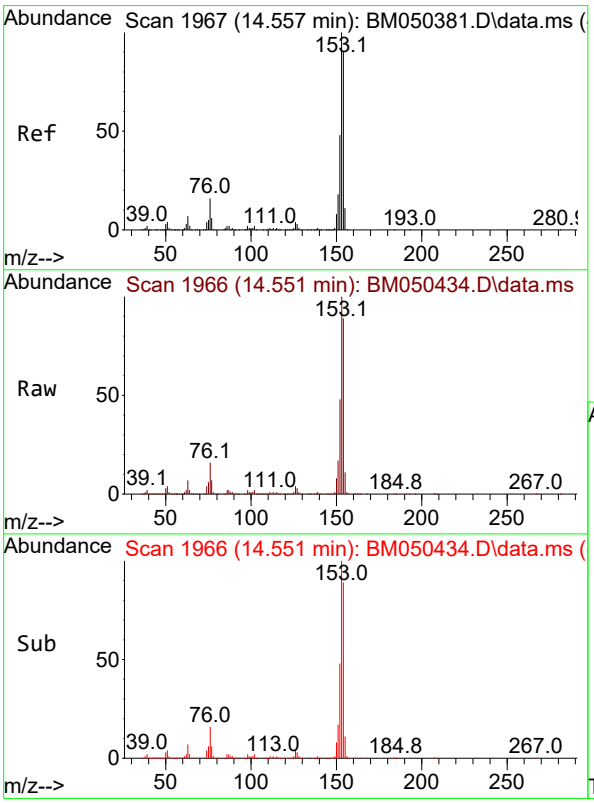
#51
2,6-Dinitrotoluene
Concen: 58.001 ng
RT: 14.051 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:165 Resp: 641216

Ion	Ratio	Lower	Upper
165	100		
63	54.8	42.4	63.6
89	56.7	42.2	63.2

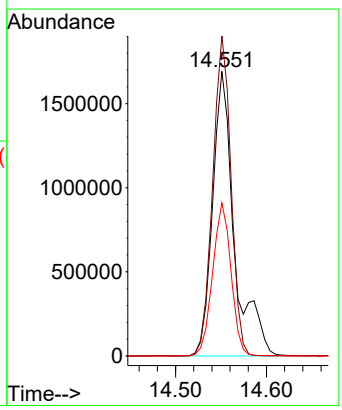


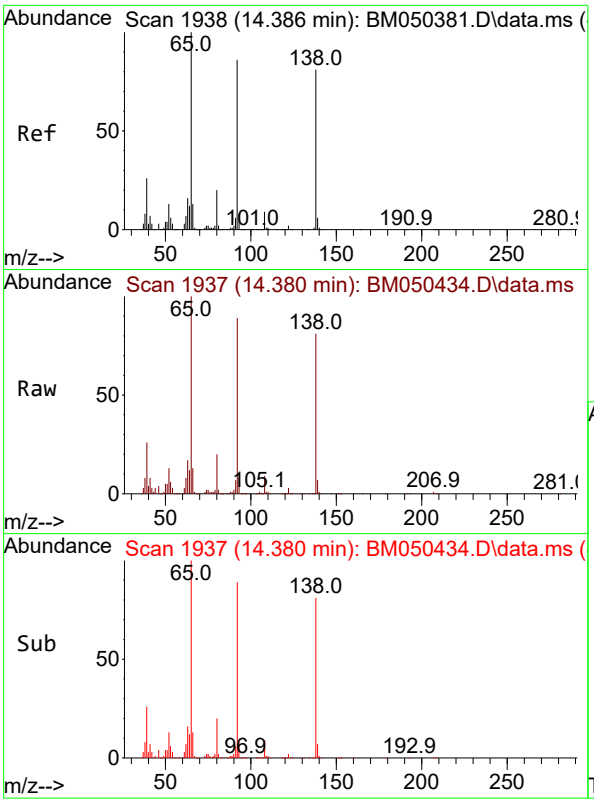


#52
Acenaphthene
Concen: 59.059 ng m
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:154 Resp: 2807273

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	53.8	42.6	64.0



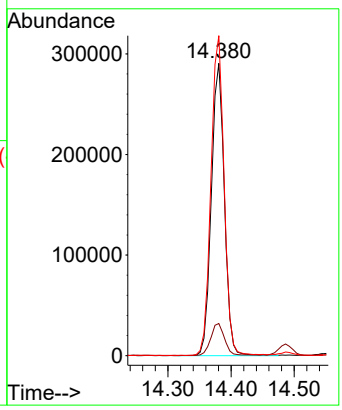


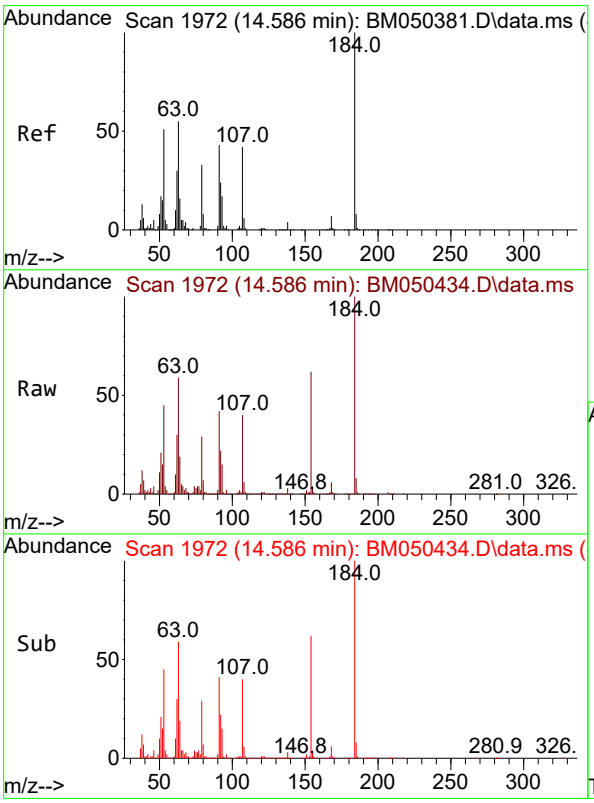
#53
3-Nitroaniline
Concen: 35.407 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:138 Resp: 416285

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	109.4	85.0	127.6

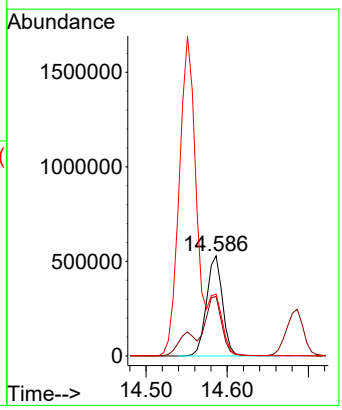


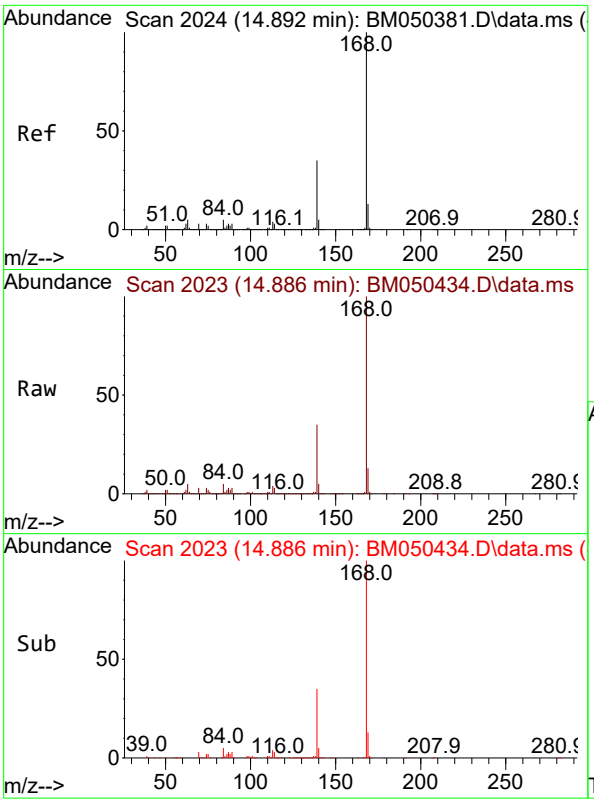


#54
2,4-Dinitrophenol
Concen: 115.545 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:184 Resp: 723742

Ion	Ratio	Lower	Upper
184	100		
63	59.4	53.4	80.0
154	61.9	61.6	92.4



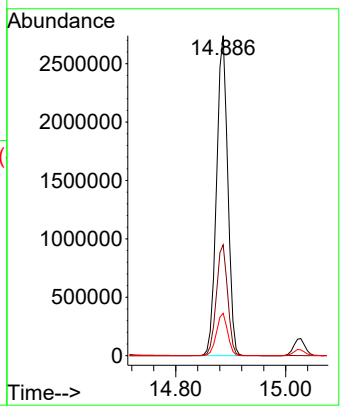


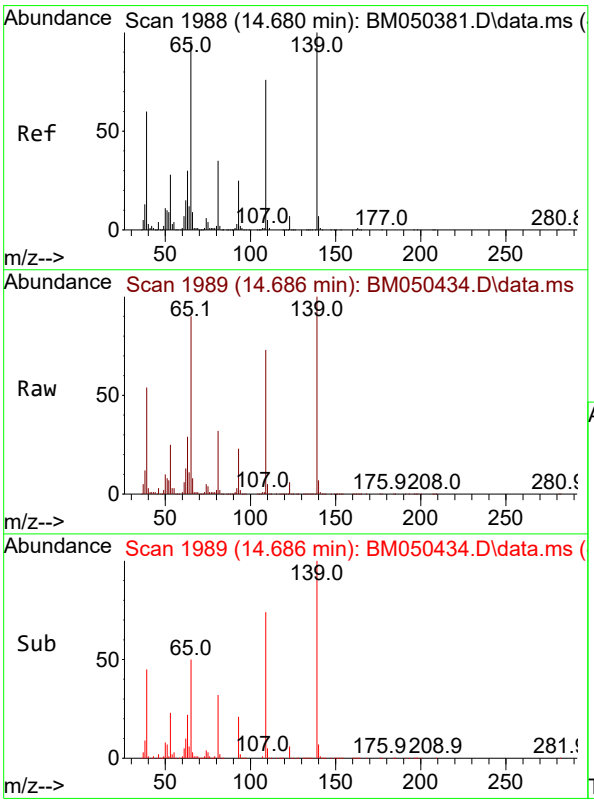
#55
Dibenzofuran
Concen: 52.886 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:168 Resp: 3873403

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.2	10.7	16.1

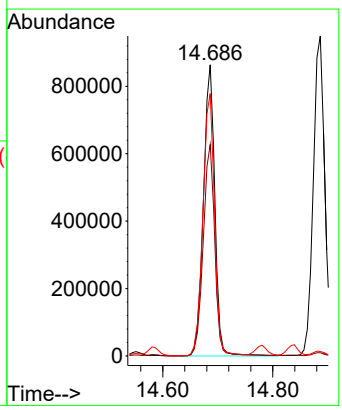


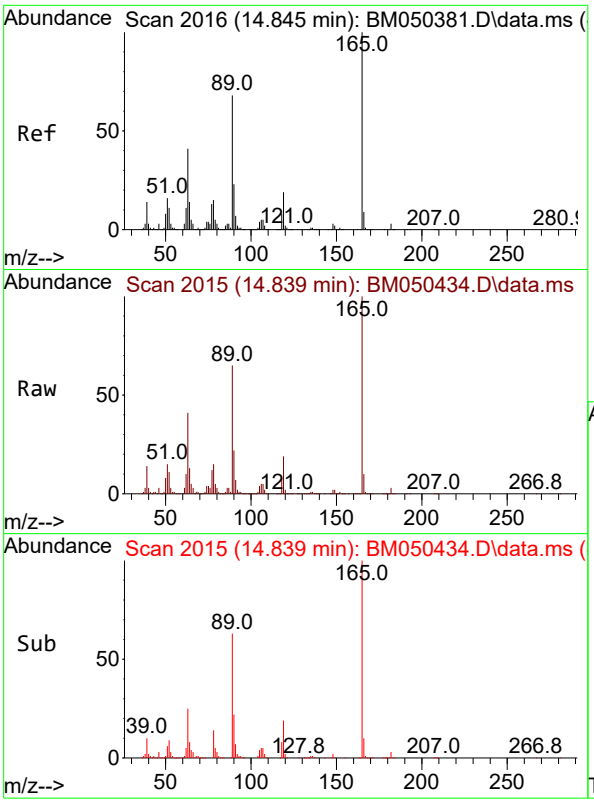


#56
4-Nitrophenol
Concen: 122.724 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:139 Resp: 1240819

Ion	Ratio	Lower	Upper
139	100		
109	72.6	56.5	96.5
65	90.1	76.4	116.4



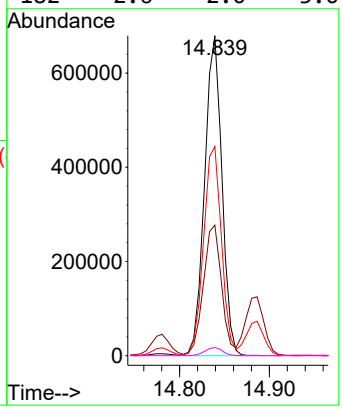


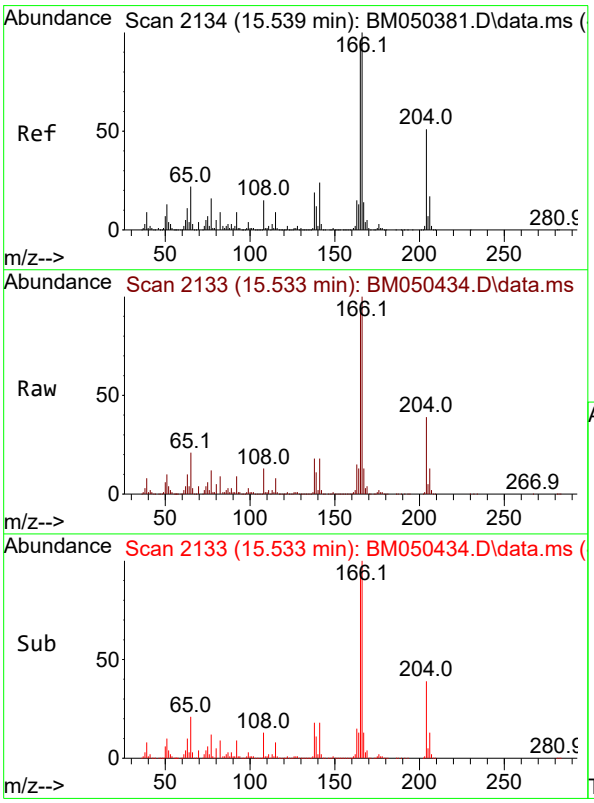
#57
2,4-Dinitrotoluene
Concen: 54.674 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:165 Resp: 911484

Ion	Ratio	Lower	Upper
165	100		
63	40.8	32.5	48.7
89	65.3	54.0	81.0
182	2.6	2.0	3.0

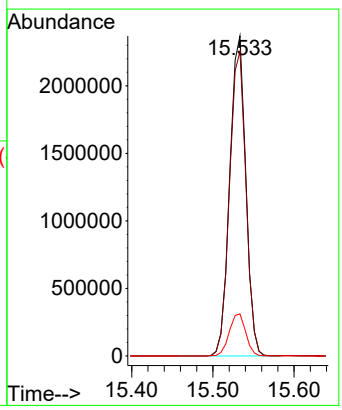


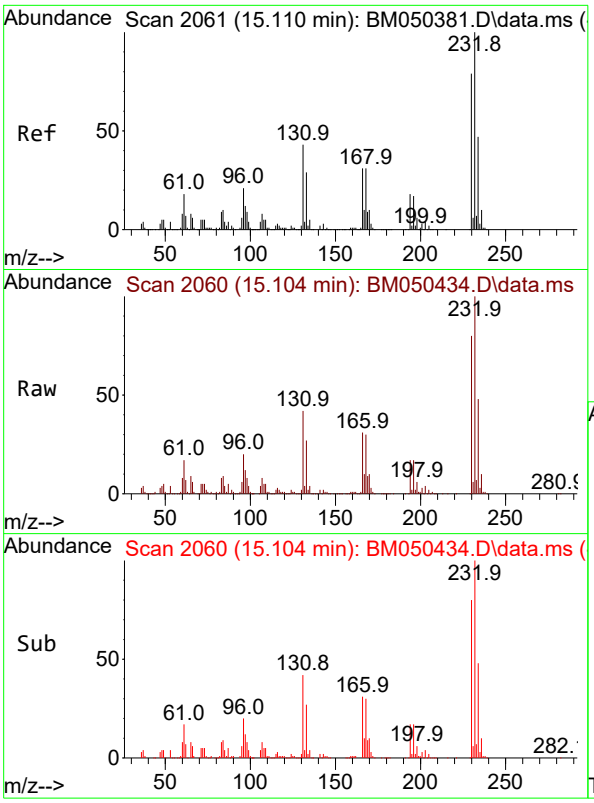


#58
Fluorene
Concen: 53.991 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:166 Resp: 3257067

Ion	Ratio	Lower	Upper
166	100		
165	95.2	77.0	115.6
167	13.2	10.9	16.3



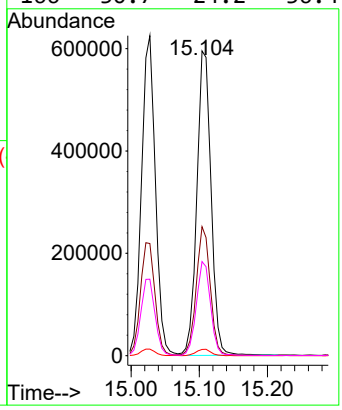


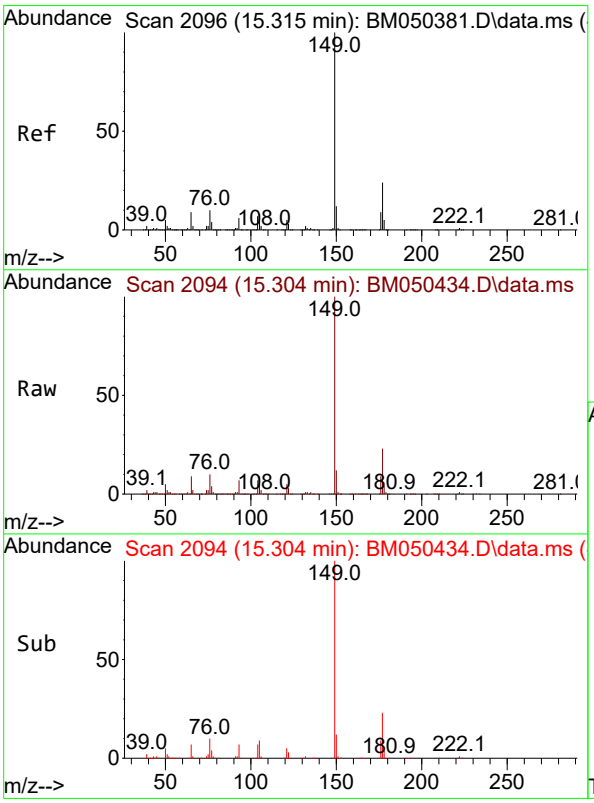
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.317 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:232 Resp: 862632

Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.4	50.0
130	2.2	1.8	2.6
166	30.7	24.2	36.4

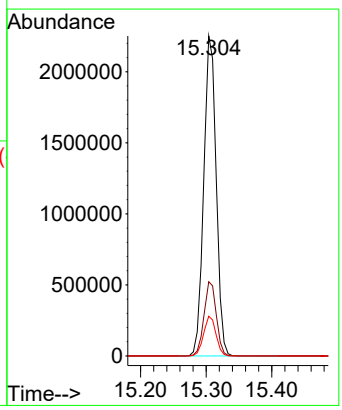


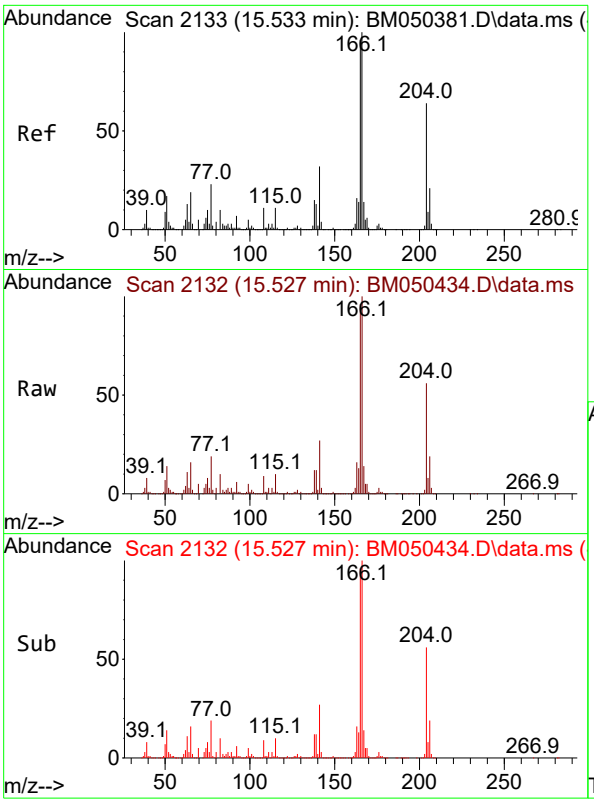


#60
Diethylphthalate
Concen: 54.081 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:149 Resp: 2974472

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.8	28.2
150	12.4	9.8	14.8



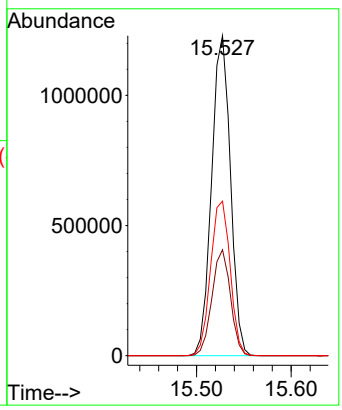


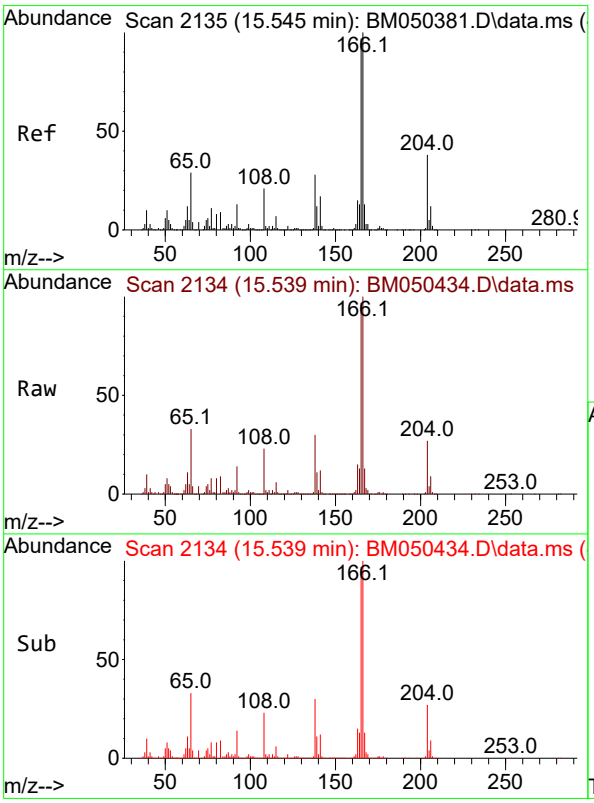
#61
4-Chlorophenyl-phenylether
Concen: 53.823 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:204 Resp: 1697794

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	48.3	39.9	59.9

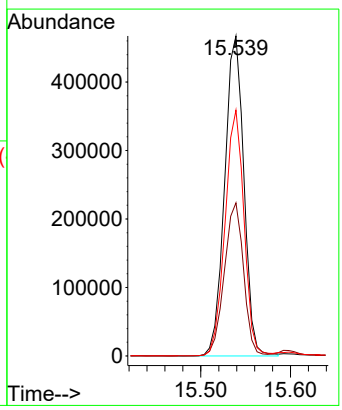


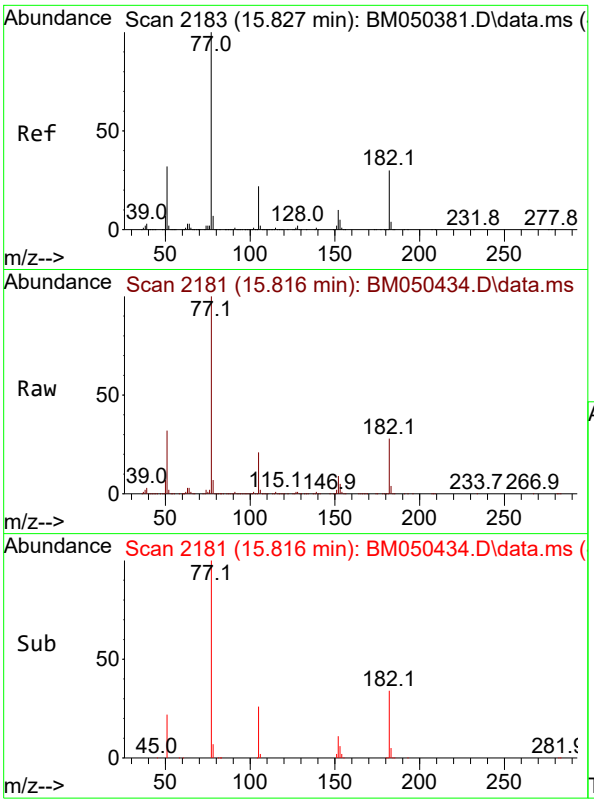


#62
4-Nitroaniline
Concen: 51.242 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:138 Resp: 695111

Ion	Ratio	Lower	Upper
138	100		
92	47.8	24.5	64.5
108	76.8	52.5	92.5



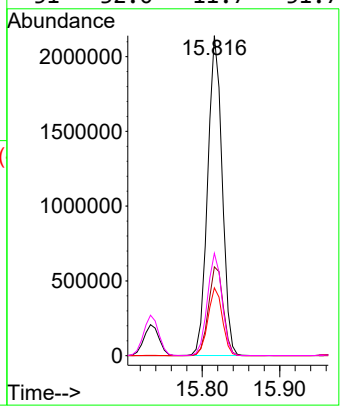


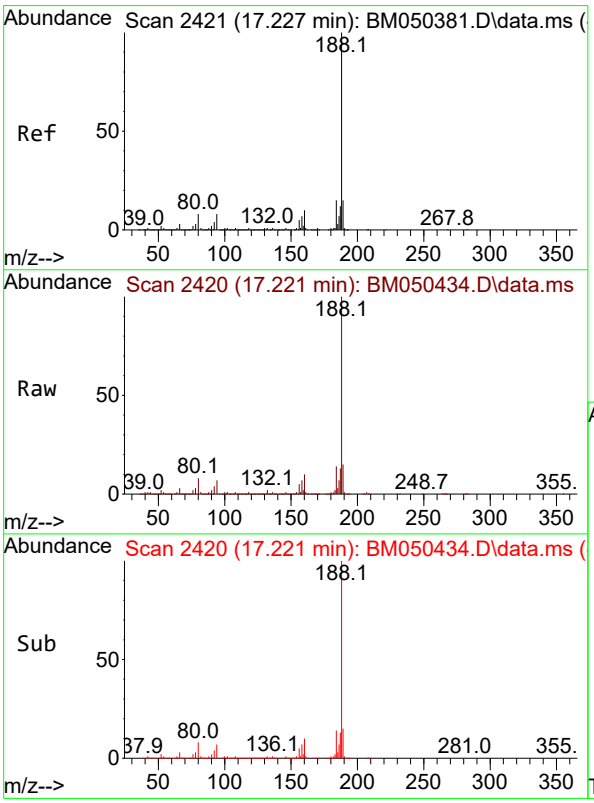
#63
Azobenzene
Concen: 54.797 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion: 77 Resp: 2767488

Ion	Ratio	Lower	Upper
77	100		
182	27.8	10.0	50.0
105	21.2	2.0	42.0
51	32.0	11.7	51.7

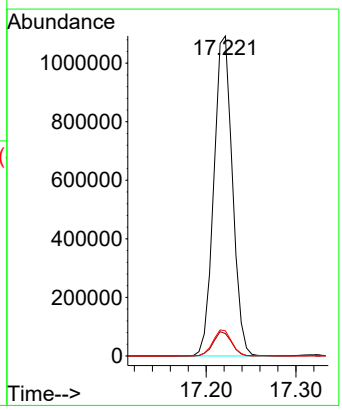


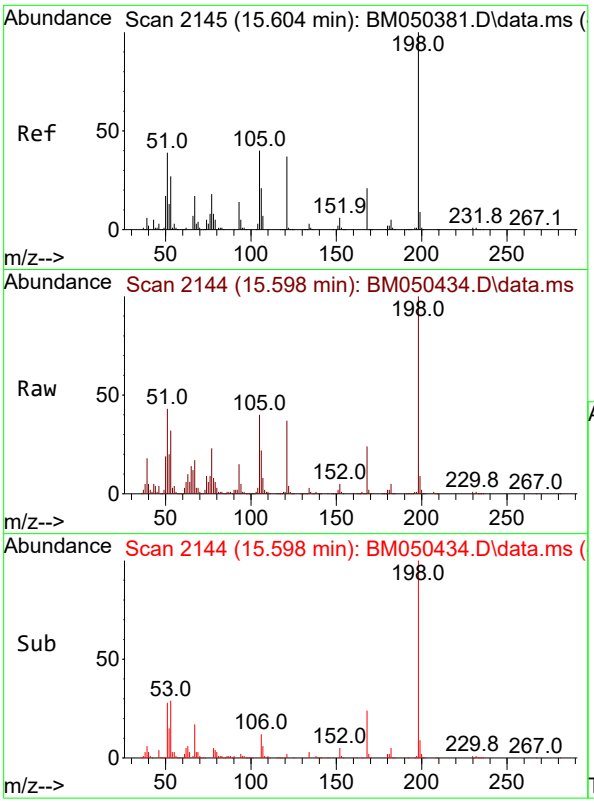


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:188 Resp: 1570373

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.0	9.0
80	7.9	6.5	9.7



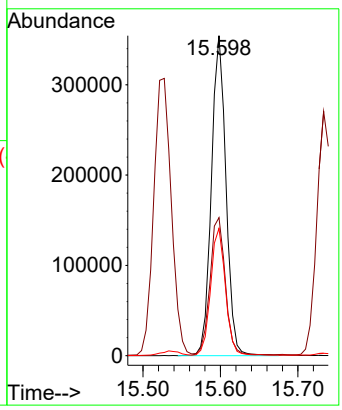


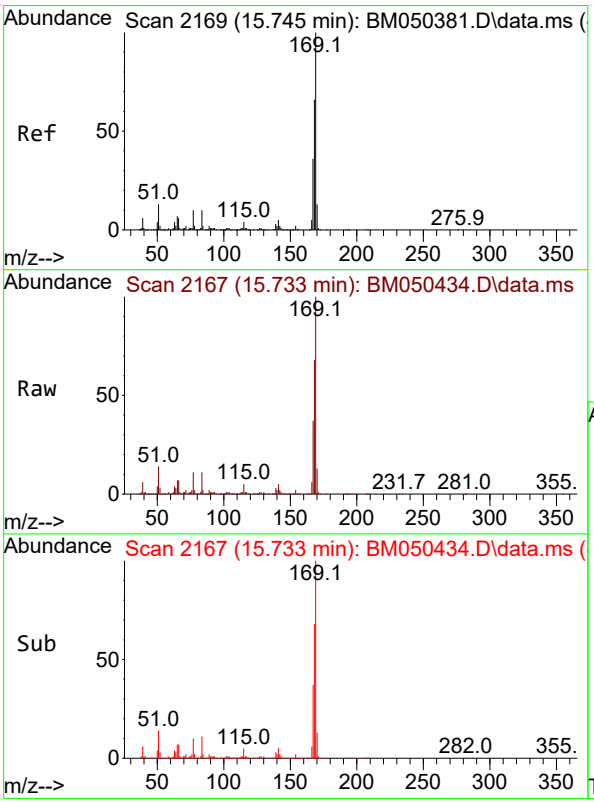
#65
4,6-Dinitro-2-methylphenol
Concen: 54.145 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:198 Resp: 465048

Ion	Ratio	Lower	Upper
198	100		
51	43.1	26.6	66.6
105	39.8	20.9	60.9

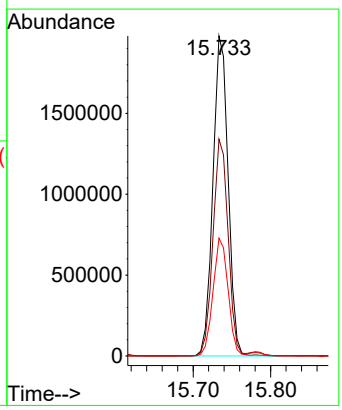


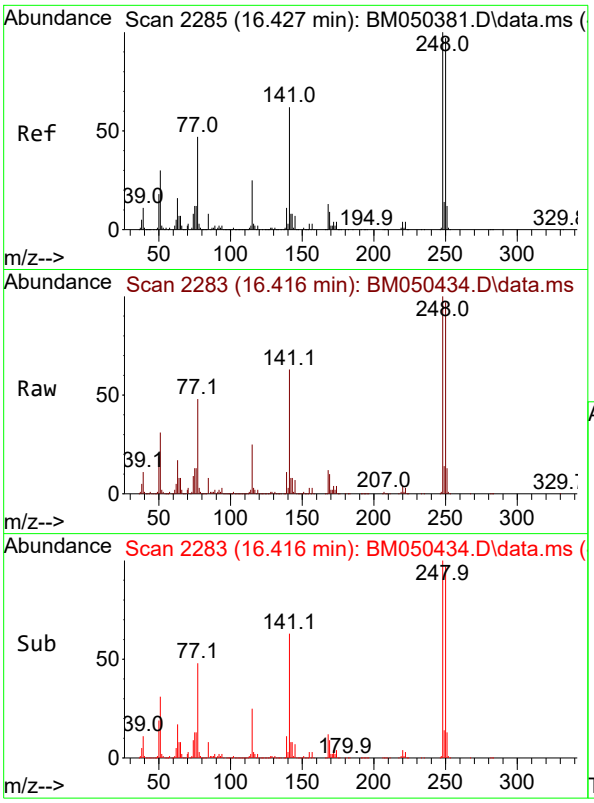


#66
n-Nitrosodiphenylamine
Concen: 54.767 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:169 Resp: 2691246

Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.8	28.7	43.1



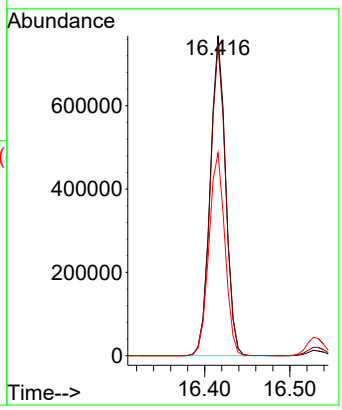


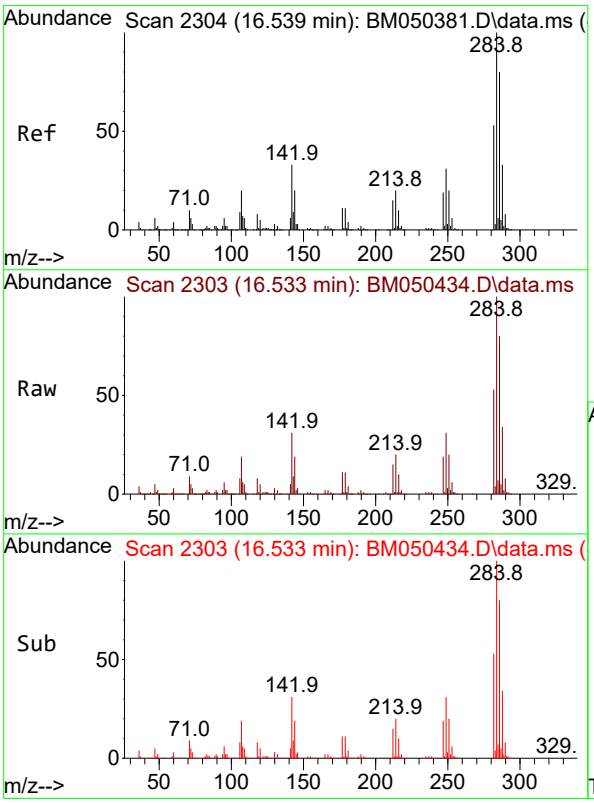
#67
4-Bromophenyl-phenylether
Concen: 55.697 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:248 Resp: 963667

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.9	116.9
141	63.4	49.7	74.5

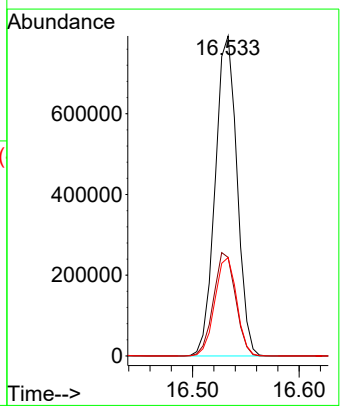


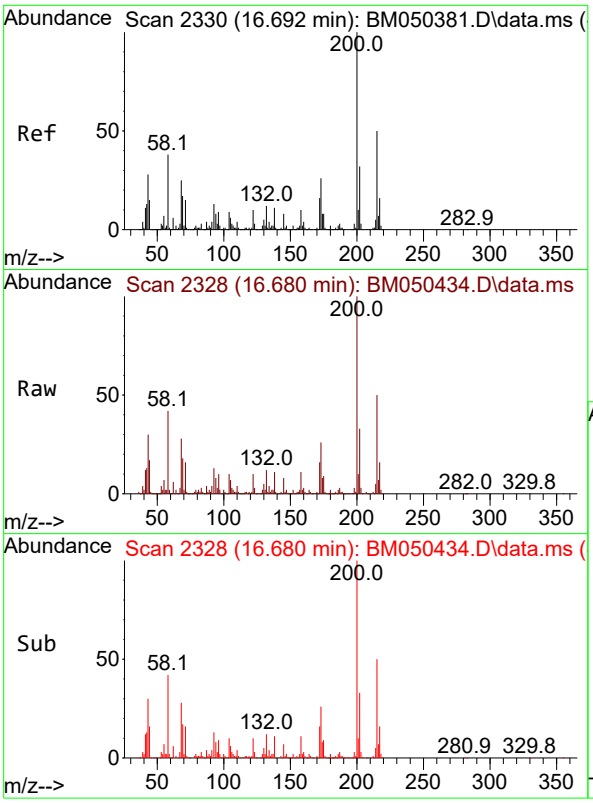


#68
Hexachlorobenzene
Concen: 55.079 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:284 Resp: 1125519

Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.8	40.2
249	30.8	24.5	36.7



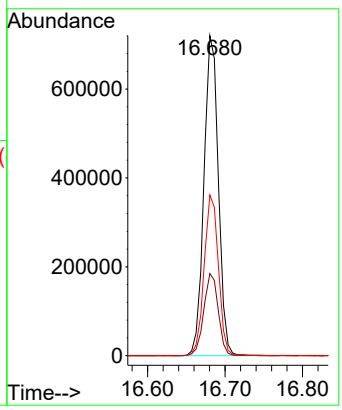


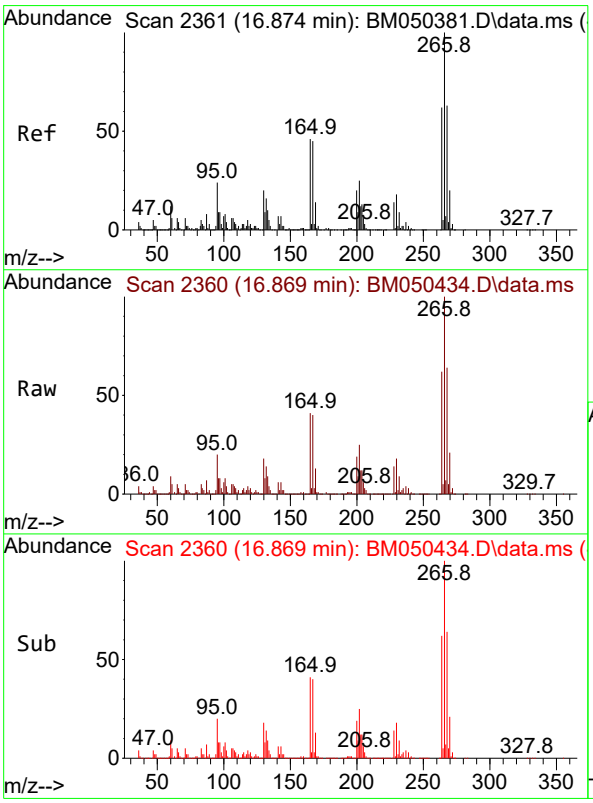
#69
Atrazine
Concen: 57.673 ng
RT: 16.680 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:200 Resp: 930604

Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.6	45.6
215	50.2	29.6	69.6

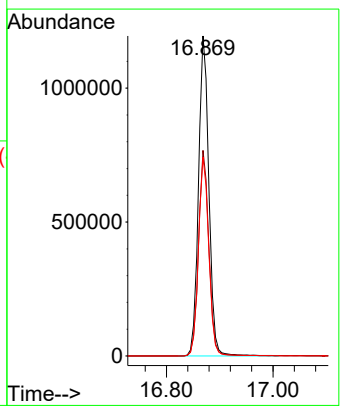


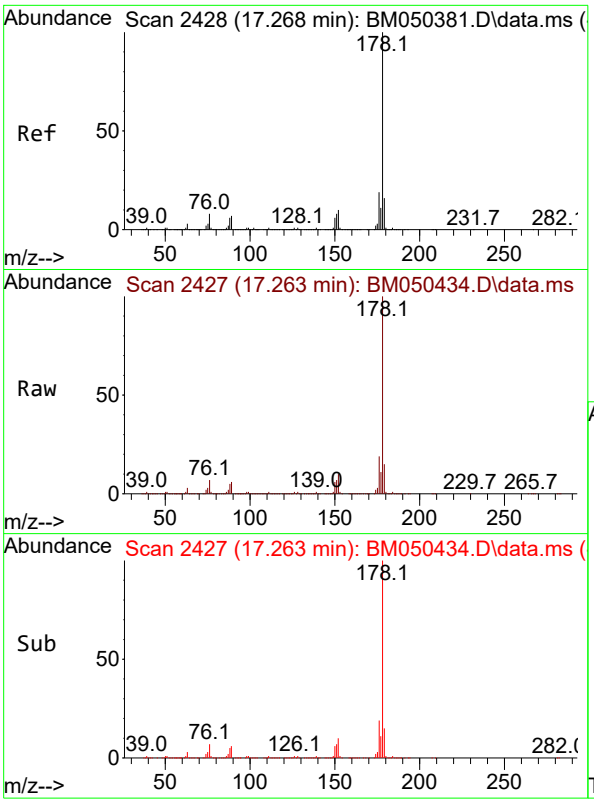


#70
Pentachlorophenol
Concen: 126.958 ng
RT: 16.869 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:266 Resp: 1615023

Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.5	75.7
264	62.2	49.9	74.9



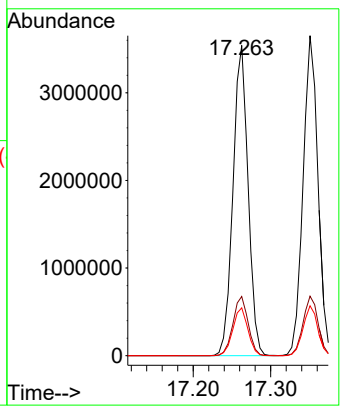


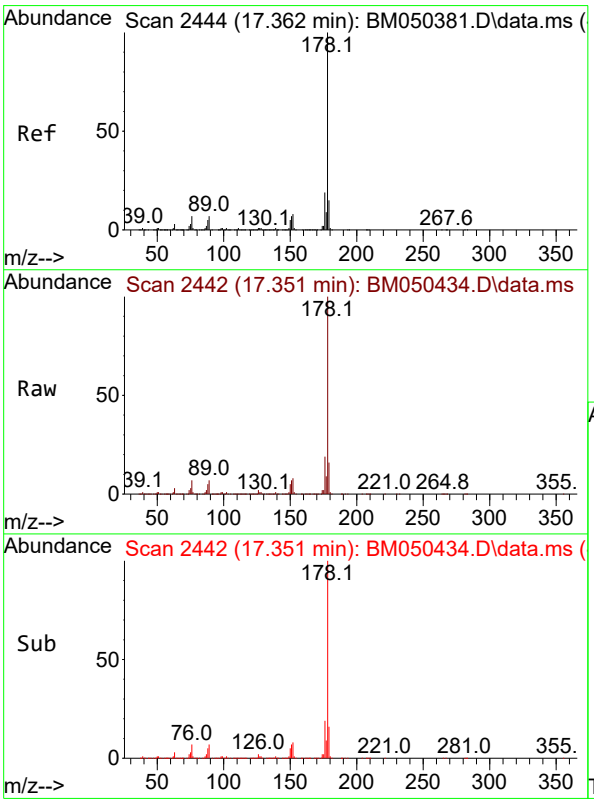
#71
Phenanthrene
Concen: 54.107 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:178 Resp: 4808002

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

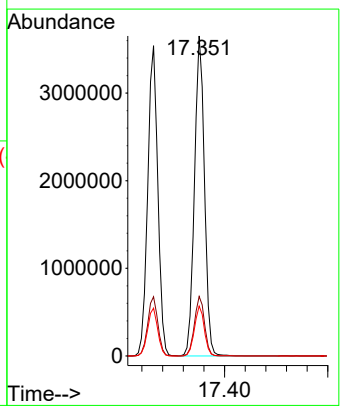


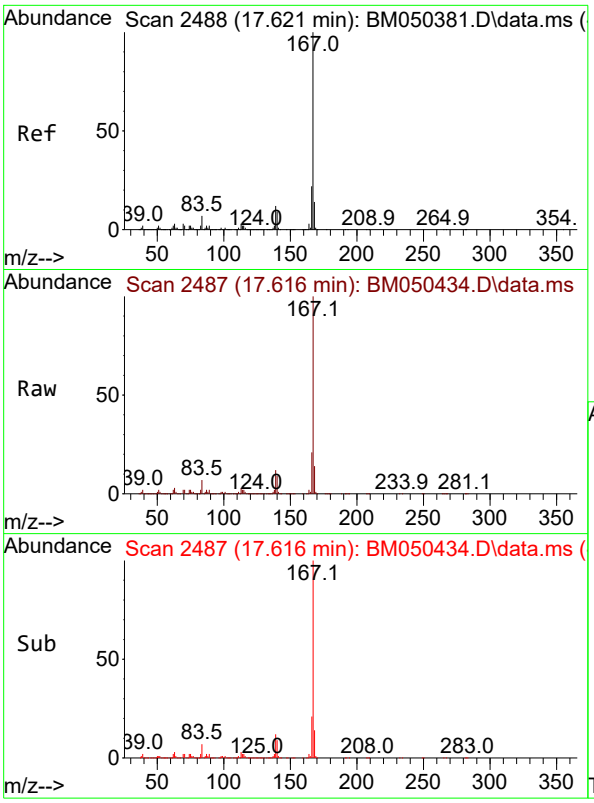


#72
Anthracene
Concen: 55.368 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:178 Resp: 4897400

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.2	18.4



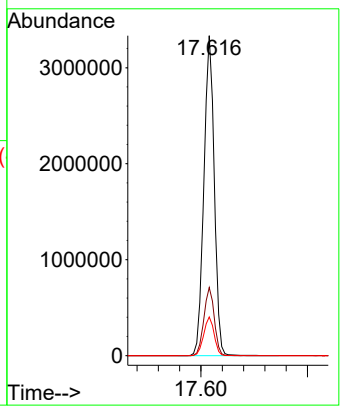


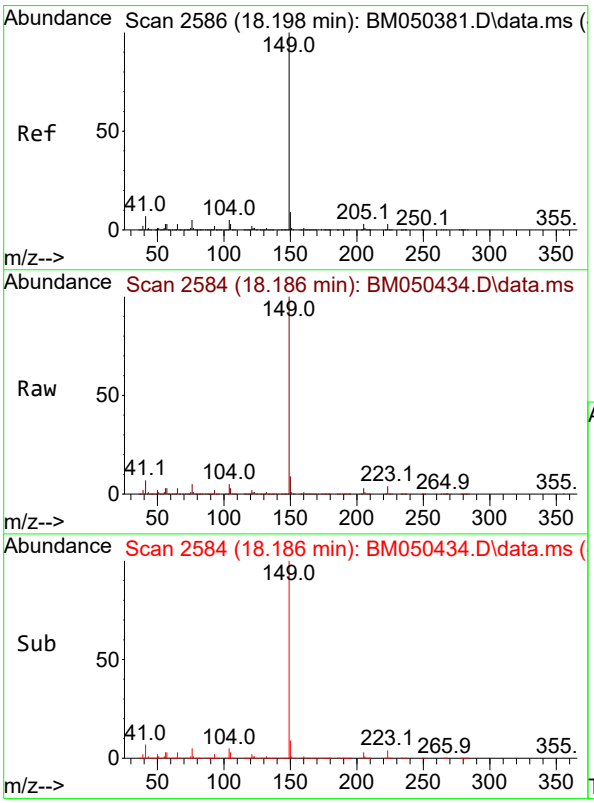
#73
Carbazole
Concen: 56.389 ng
RT: 17.616 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:167 Resp: 4513000

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.1	9.9	14.9

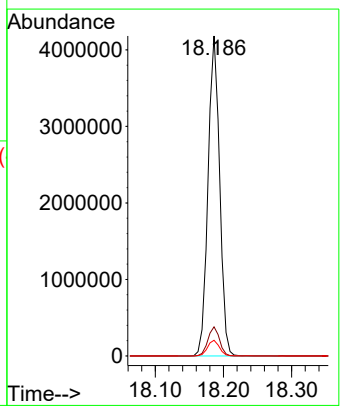


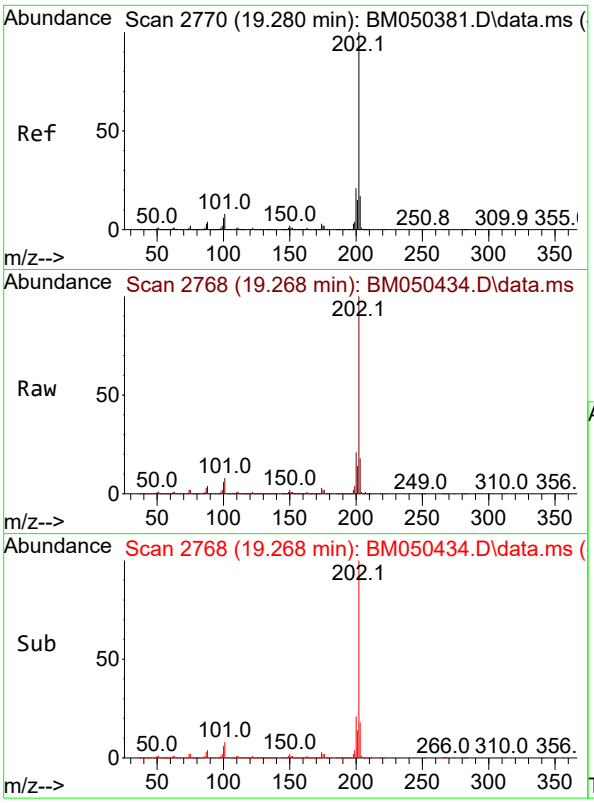


#74
Di-n-butylphthalate
Concen: 56.440 ng
RT: 18.186 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:149 Resp: 4944130

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



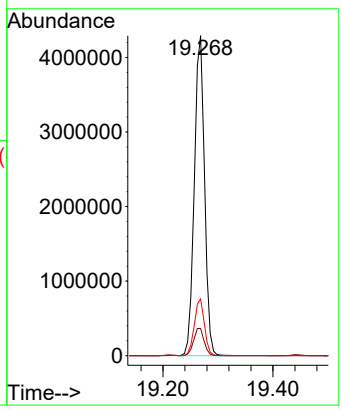


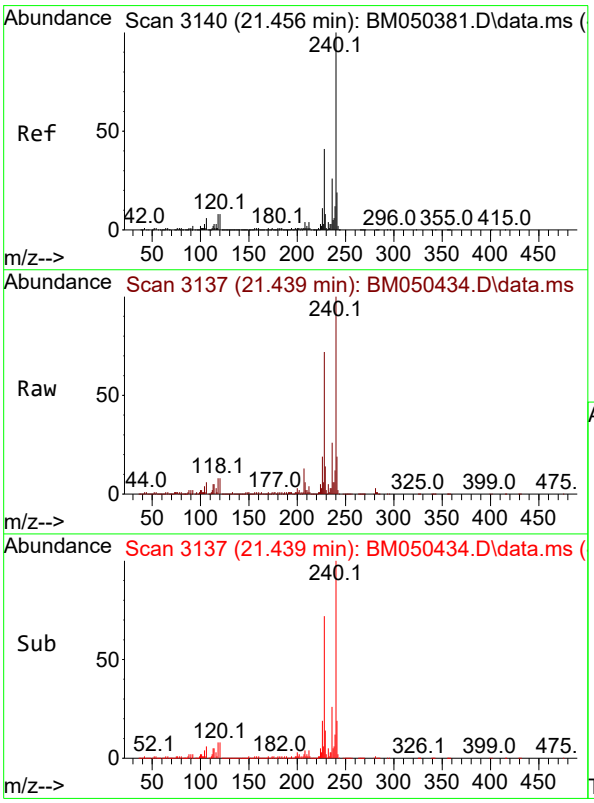
#75
Fluoranthene
Concen: 57.260 ng
RT: 19.268 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:202 Resp: 5531406

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	17.8	0.0	37.2

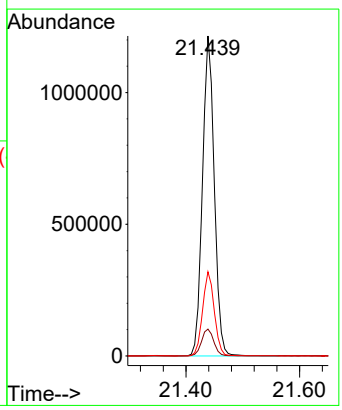


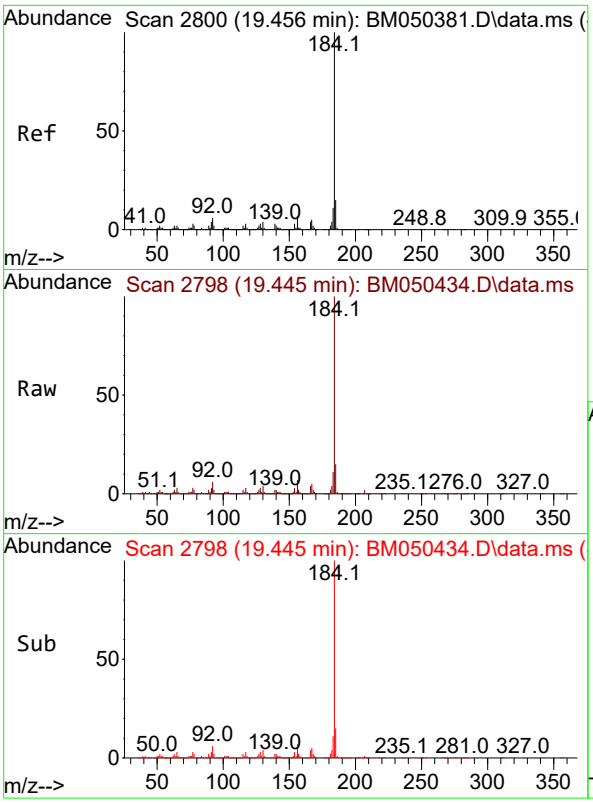


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:240 Resp: 1747795

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	26.3	20.7	31.1



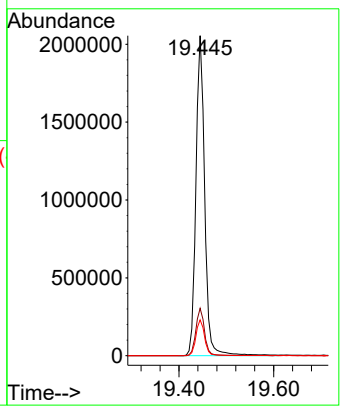


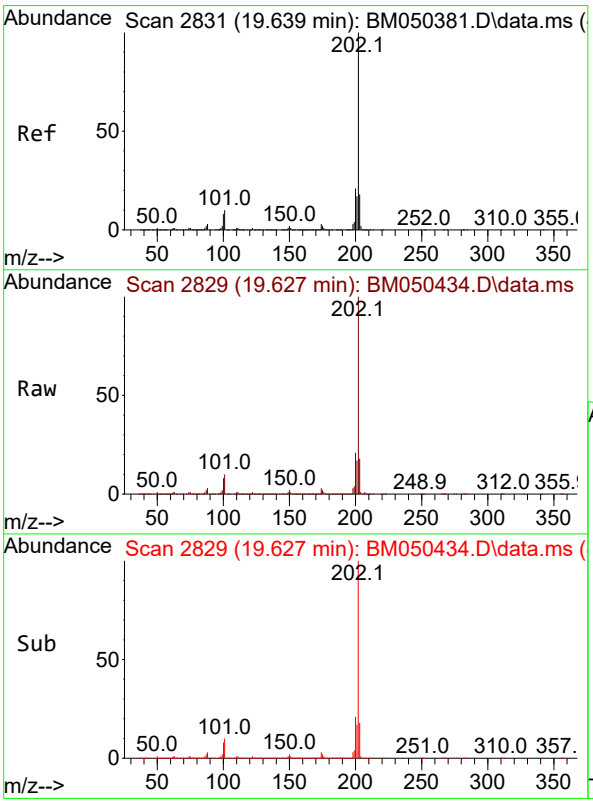
#77
Benzidine
Concen: 59.445 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:184 Resp: 2650051

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	11.2	9.0	13.6

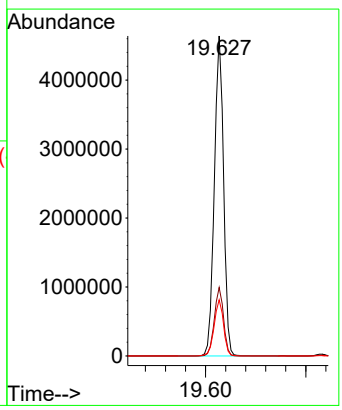


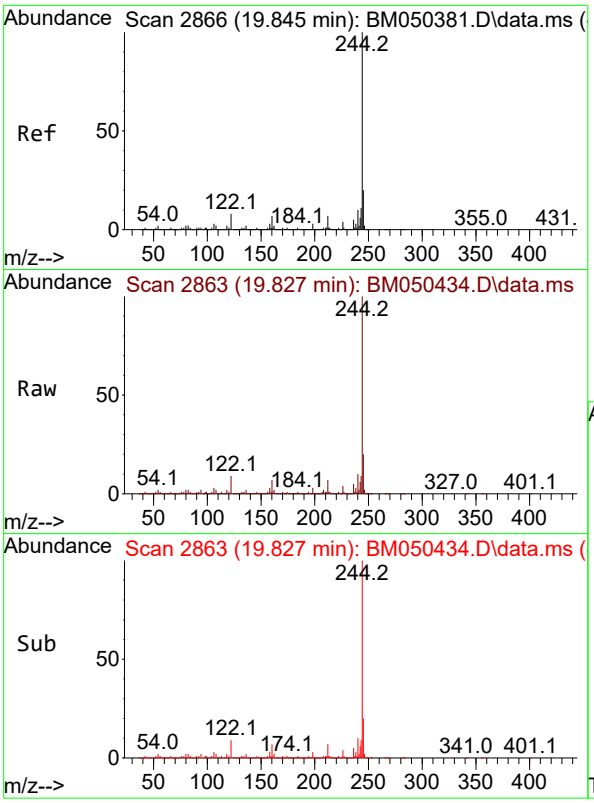


#78
Pyrene
Concen: 52.801 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.011 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:202 Resp: 5910432

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.5	14.1	21.1



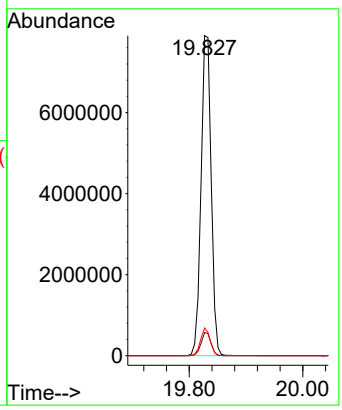


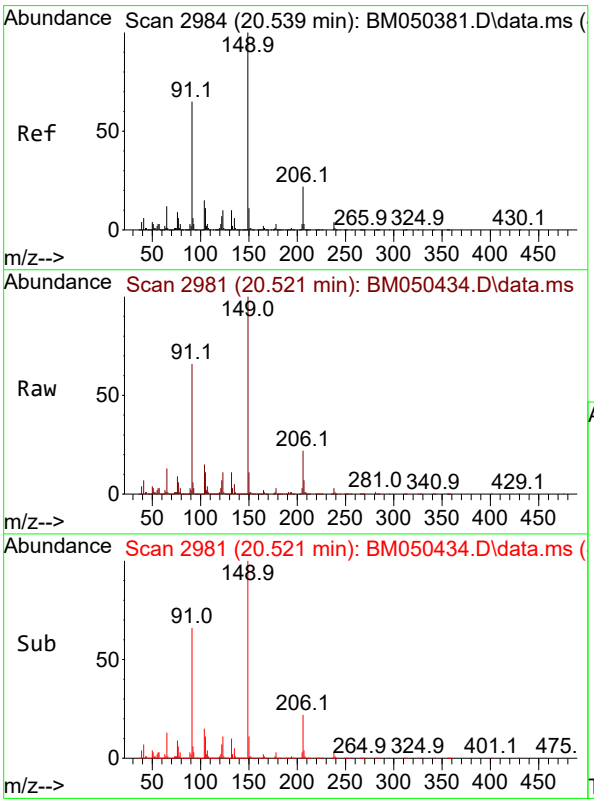
#79
Terphenyl-d14
Concen: 98.381 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:244 Resp: 9772918

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.7	6.2	9.2

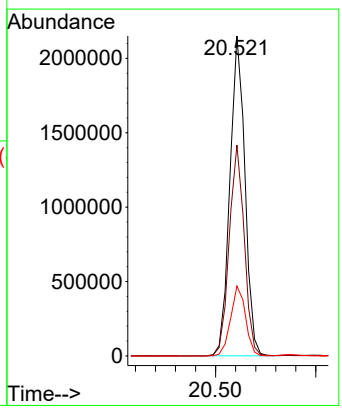


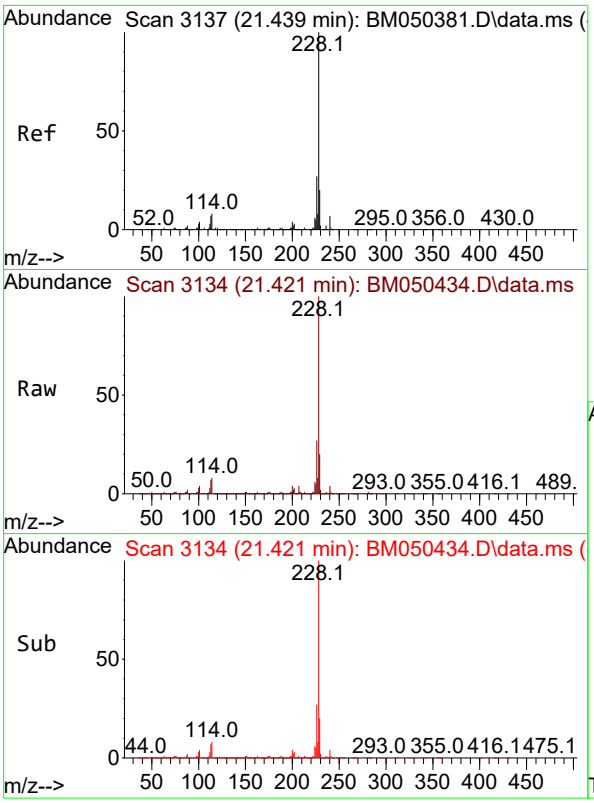


#80
Butylbenzylphthalate
Concen: 60.672 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:149 Resp: 2239356

Ion	Ratio	Lower	Upper
149	100		
91	65.9	51.6	77.4
206	21.9	17.8	26.8



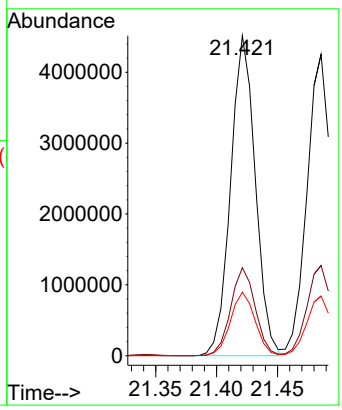


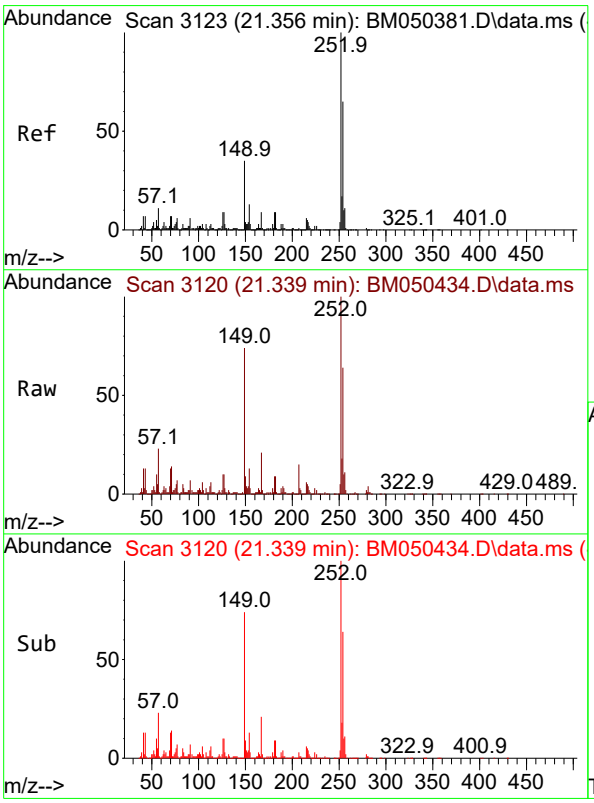
#81
Benzo(a)anthracene
Concen: 55.871 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:228 Resp: 6362620

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.0	24.0

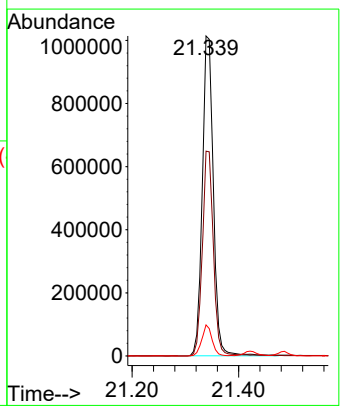


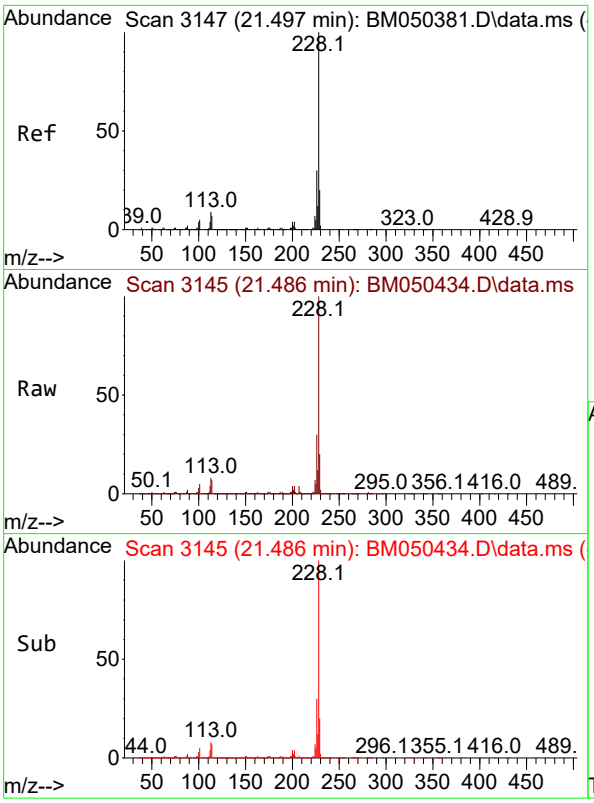


#82
3,3'-Dichlorobenzidine
Concen: 37.954 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:252 Resp: 1457621

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	9.7	7.3	10.9



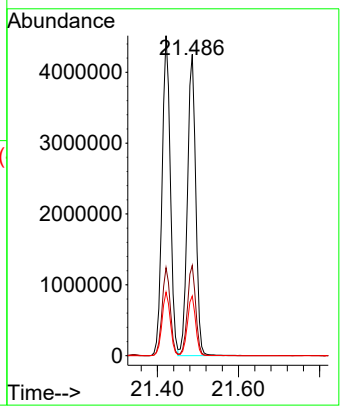


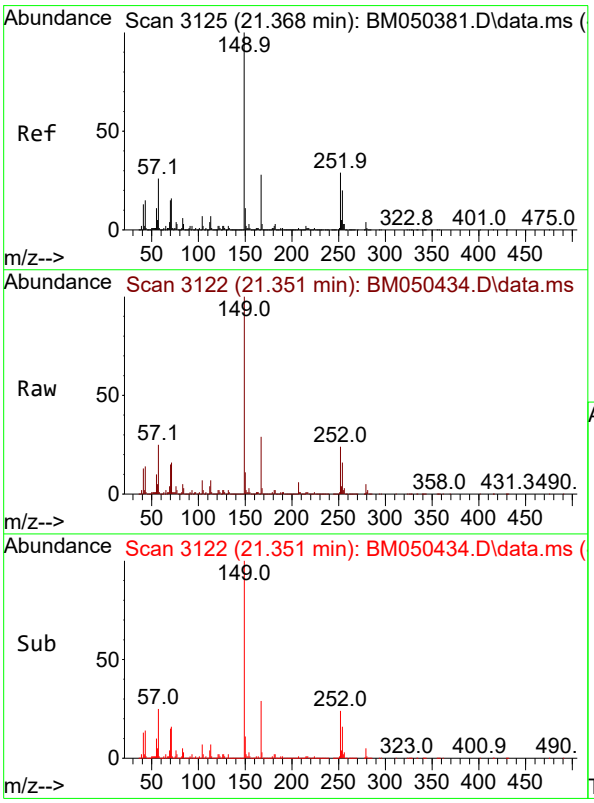
#83
Chrysene
Concen: 56.004 ng
RT: 21.486 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:228 Resp: 6015595

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.8	23.6

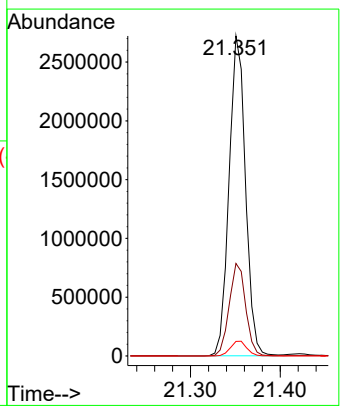


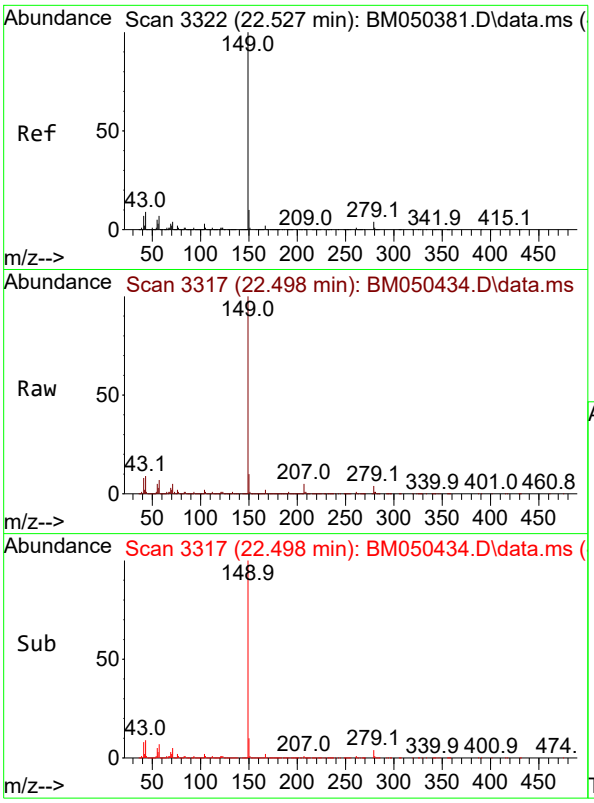


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.963 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.017 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:149 Resp: 3454804

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.7	34.1
279	4.5	3.5	5.3



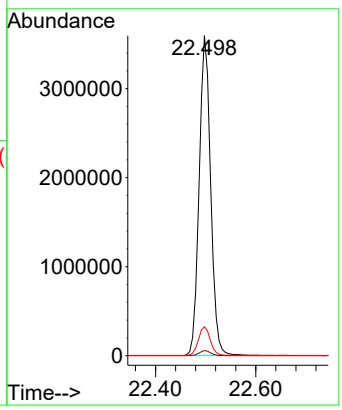


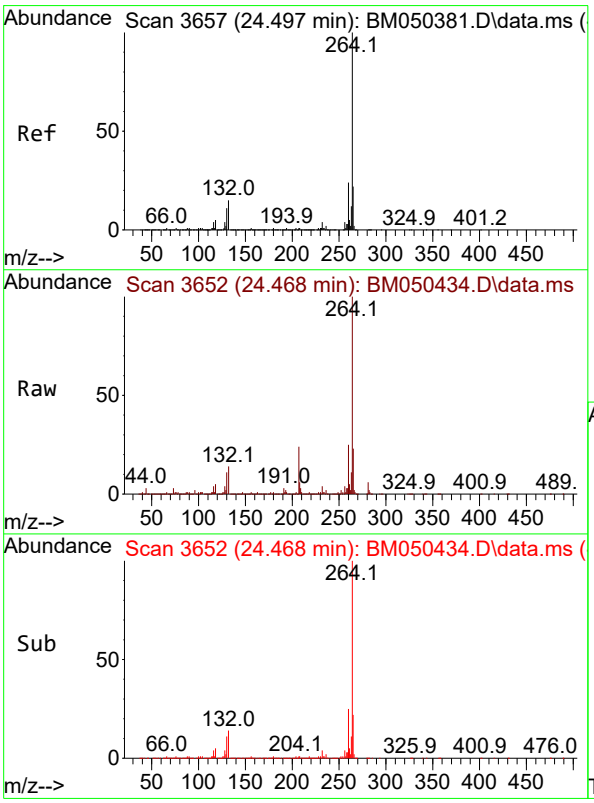
#85
Di-n-octyl phthalate
Concen: 62.377 ng
RT: 22.498 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:149 Resp: 5724245

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

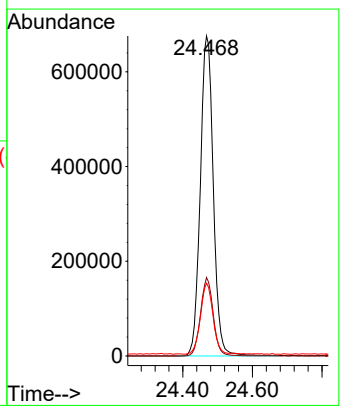


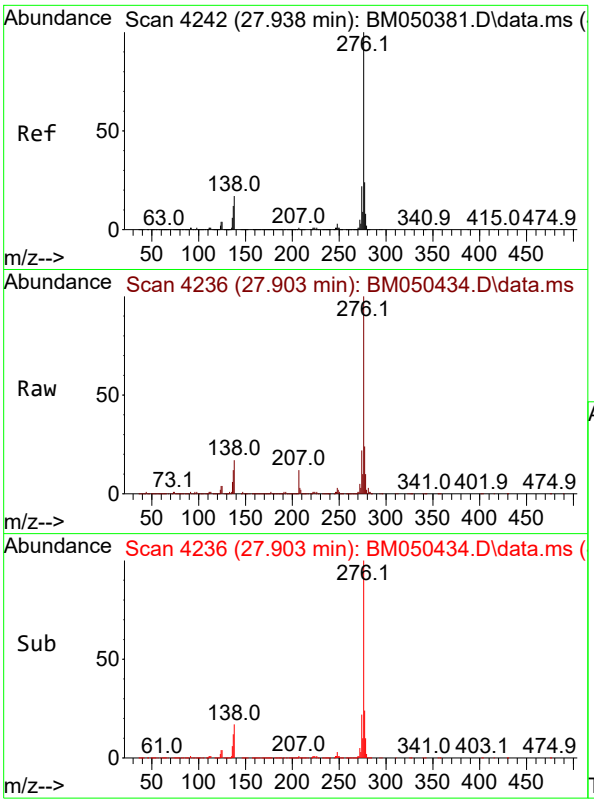


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:264 Resp: 1758315

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.8	26.6



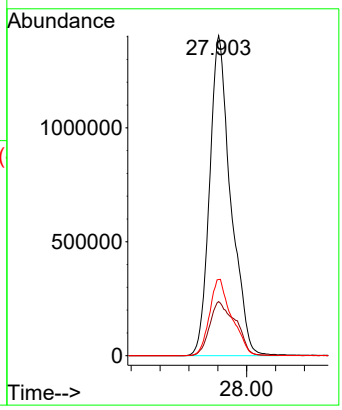


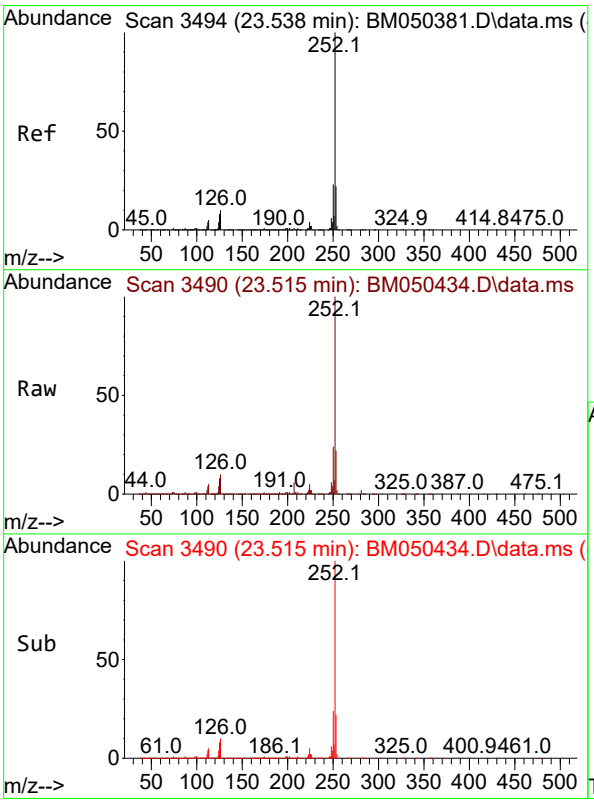
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.196 ng
RT: 27.903 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:276 Resp: 7150355

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.6
277	25.1	20.0	30.0

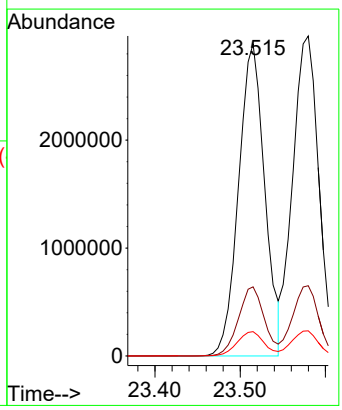


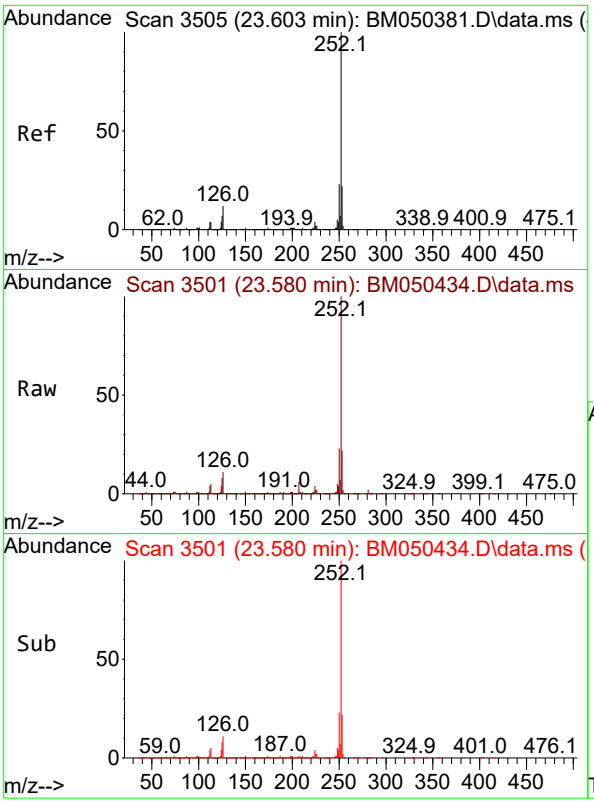


#88
Benzo(b)fluoranthene
Concen: 57.094 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.023 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:252 Resp: 6174896

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.8	6.3	9.5



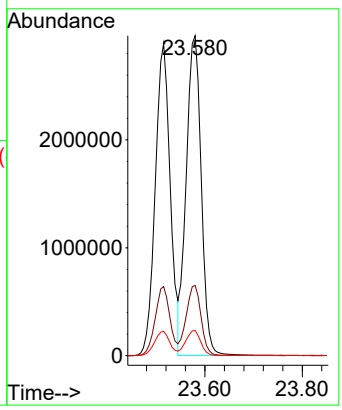


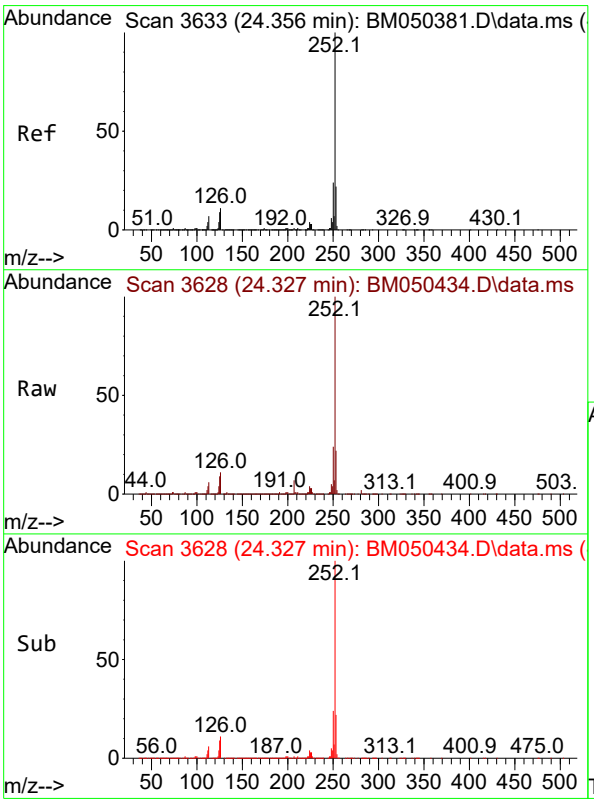
#89
Benzo(k)fluoranthene
Concen: 56.495 ng
RT: 23.580 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:252 Resp: 6340126

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.9	6.2	9.2

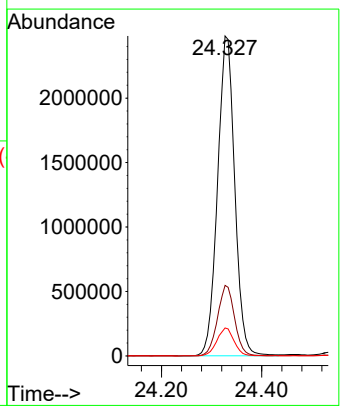


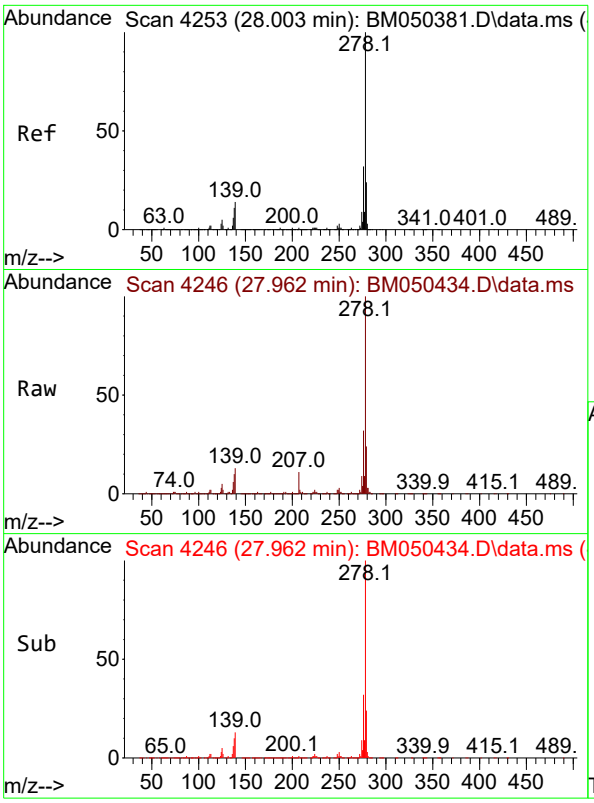


#90
Benzo(a)pyrene
Concen: 58.344 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:252 Resp: 5906944

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.7	7.0	10.4



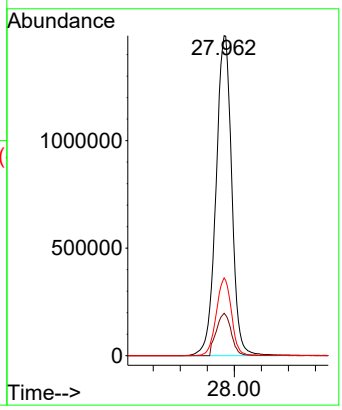


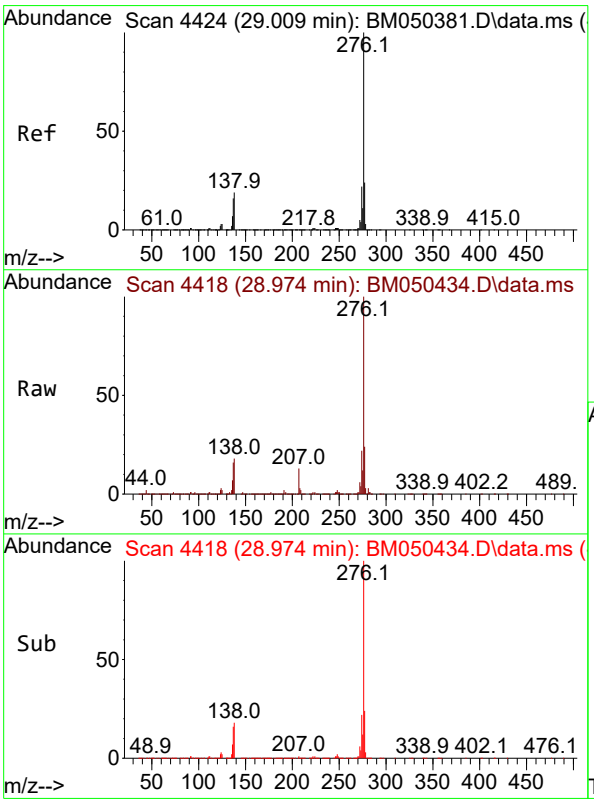
#91
Dibenzo(a,h)anthracene
Concen: 57.162 ng
RT: 27.962 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Instrument :
BNA_M
ClientSampleId :
PB168816BS

Tgt Ion:278 Resp: 6018299

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.8	16.2
279	24.3	19.4	29.0

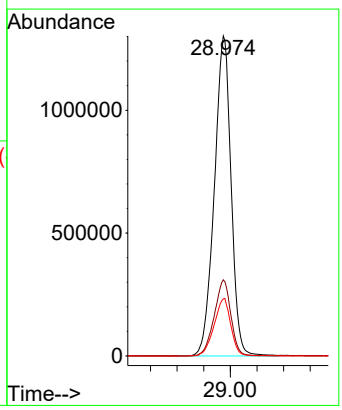




#92
Benzo(g,h,i)perylene
Concen: 57.019 ng
RT: 28.974 min Scan# 4418
Delta R.T. -0.035 min
Lab File: BM050434.D
Acq: 14 Jul 2025 20:14

Tgt Ion:276 Resp: 5673690

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	17.8	14.9	22.3



Raw Data: **BM050435.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	48.2		3.90	10.0	ug/L
108-95-2	Phenol	54.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	55.0		0.58	5.00	ug/L
95-48-7	2-Methylphenol	54.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.2		1.30	5.00	ug/L
98-86-2	Acetophenone	52.3		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	52.7		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	51.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	52.9		0.76	5.00	ug/L
78-59-1	Isophorone	51.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	59.4		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.9		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	54.5		0.52	5.00	ug/L
91-20-3	Naphthalene	51.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	51.9		0.54	5.00	ug/L
105-60-2	Caprolactam	52.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	54.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	52.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	56.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	56.9		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	53.5		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	53.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	57.8		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	52.4		0.61	5.00	ug/L

Raw Data: **BM050435.D**

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	53.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	56.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	32.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	58.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	52.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	52.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	52.9		0.68	5.00	ug/L
86-73-7	Fluorene	53.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	49.7		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.4		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	54.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	55.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	55.1		0.52	5.00	ug/L
1912-24-9	Atrazine	56.9		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	120	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	53.2		0.50	5.00	ug/L
120-12-7	Anthracene	54.3		0.61	5.00	ug/L
86-74-8	Carbazole	54.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.9		1.20	5.00	ug/L
206-44-0	Fluoranthene	55.0		0.82	5.00	ug/L
129-00-0	Pyrene	52.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	59.9		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	36.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.5		0.45	5.00	ug/L
218-01-9	Chrysene	54.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	61.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.49	5.00	ug/L

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	55.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	57.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.7		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	57.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	56.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	42.1		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.4		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	152		15 (23) - 110 (138)	101%	SPK: 150
13127-88-3	Phenol-d6	150		15 (10) - 110 (134)	100%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.4		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.8		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	98.7		30 (42) - 130 (152)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	370000	7.863			
1146-65-2	Naphthalene-d8	1380000	10.657			
15067-26-2	Acenaphthene-d10	841000	14.486			
1517-22-2	Phenanthrene-d10	1550000	17.215			
1719-03-5	Chrysene-d12	1660000	21.439			
1520-96-3	Perylene-d12	1710000	24.468			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050435.D
Acq On : 14 Jul 2025 20:55
Operator : RC/JU
Sample : PB168816BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Quant Time: Jul 15 02:04:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	370039	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1375892	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	841303	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1550470	20.000	ng		-0.01
76) Chrysene-d12	21.439	240	1658930	20.000	ng		-0.02
86) Perylene-d12	24.468	264	1714878	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3272881	152.245	ng		0.00
7) Phenol-d6	7.022	99	4077545	150.464	ng		0.00
23) Nitrobenzene-d5	9.016	82	2465526	91.422	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	1651806	161.595	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	6120850	89.847	ng		0.00
79) Terphenyl-d14	19.833	244	9303616	98.674	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	371940	42.076	ng		99
3) Pyridine	3.734	79	1049913	45.240	ng		99
4) n-Nitrosodimethylamine	3.640	42	558103	51.584	ng		99
6) Aniline	7.187	93	1317351	37.879	ng		100
8) 2-Chlorophenol	7.428	128	1245733	54.955	ng		98
9) Benzaldehyde	6.998	77	776775	48.185	ng		98
10) Phenol	7.051	94	1544097	54.629	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1174983	51.907	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1394546	50.594	ng		99
13) 1,4-Dichlorobenzene	7.898	146	1424934	50.629	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1370789	50.873	ng		99
15) Benzyl Alcohol	8.098	79	1009271	52.857	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1672207	50.152	ng		99
17) 2-Methylphenol	8.298	107	994877	54.269	ng		99
18) Hexachloroethane	8.945	117	508501	51.372	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	856466	52.169	ng		96
20) 3+4-Methylphenols	8.628	107	1297033	52.703	ng		99
22) Acetophenone	8.681	105	1797720	52.258	ng	#	98
24) Nitrobenzene	9.057	77	1274156	52.945	ng		99
25) Isophorone	9.587	82	2269519	51.861	ng		99
26) 2-Nitrophenol	9.769	139	582460	59.385	ng		99
27) 2,4-Dimethylphenol	9.828	122	1111698	53.265	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	1504710	51.891	ng		100
29) 2,4-Dichlorophenol	10.304	162	1169495	54.542	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1342620	52.343	ng		100
31) Naphthalene	10.710	128	3586358	51.318	ng		100
32) Benzoic acid	9.951	122	680857	52.507	ng		99
33) 4-Chloroaniline	10.804	127	600270	20.317	ng		100
34) Hexachlorobutadiene	11.004	225	812433	51.894	ng		99
35) Caprolactam	11.586	113	305069	52.119	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	1083096	54.093	ng		98
37) 2-Methylnaphthalene	12.316	142	2321707	52.615	ng		99
38) 1-Methylnaphthalene	12.533	142	2415782	51.731	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1515622	56.650	ng		99
41) Hexachlorocyclopentadiene	12.669	237	2030204	118.714	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	937037	56.899	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050435.D
Acq On : 14 Jul 2025 20:55
Operator : RC/JU
Sample : PB168816BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Quant Time: Jul 15 02:04:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

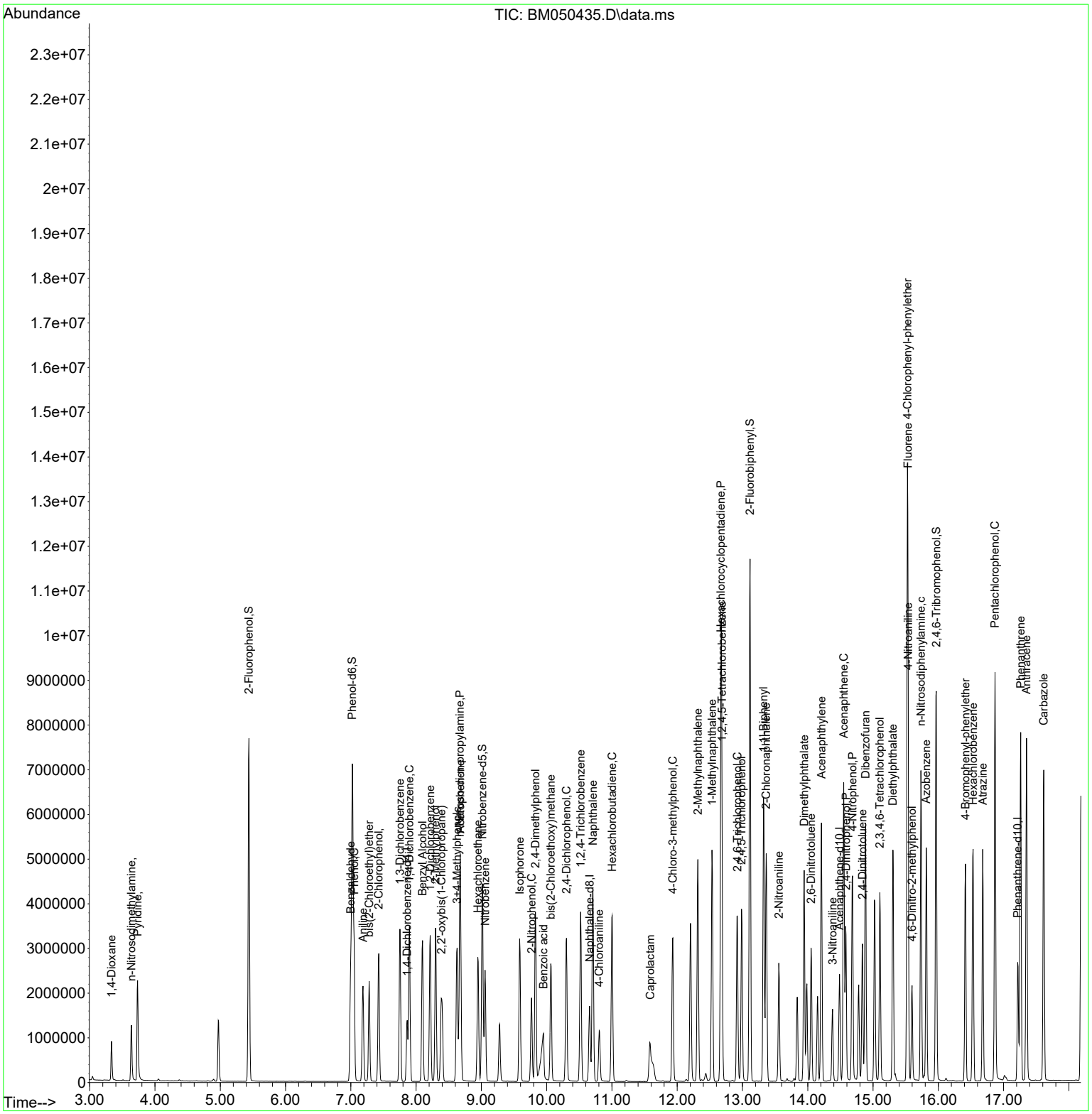
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1023470	56.905	ng		99
46) 1,1'-Biphenyl	13.322	154	3337334	53.467	ng		99
47) 2-Chloronaphthalene	13.363	162	2647719	53.202	ng		99
48) 2-Nitroaniline	13.557	65	642584	57.846	ng		100
49) Acenaphthylene	14.210	152	4035185	53.650	ng		100
50) Dimethylphthalate	13.945	163	3037517	52.442	ng		100
51) 2,6-Dinitrotoluene	14.051	165	628654	56.528	ng		96
52) Acenaphthene	14.551	154	2783323m	58.208	ng		
53) 3-Nitroaniline	14.380	138	388715	32.866	ng		99
54) 2,4-Dinitrophenol	14.586	184	707416	112.451	ng	#	85
55) Dibenzofuran	14.886	168	3834970	52.051	ng		100
56) 4-Nitrophenol	14.686	139	1183901	116.400	ng		95
57) 2,4-Dinitrotoluene	14.839	165	887139	52.987	ng		99
58) Fluorene	15.533	166	3215169	52.981	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	854524	56.441	ng		99
60) Diethylphthalate	15.304	149	2907229	52.545	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	1679835	52.938	ng		98
62) 4-Nitroaniline	15.539	138	677557	49.732	ng		97
63) Azobenzene	15.816	77	2699381	53.132	ng		99
65) 4,6-Dinitro-2-methylph...	15.598	198	452187	53.419	ng		96
66) n-Nitrosodiphenylamine	15.733	169	2644917	54.516	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	950891	55.664	ng		99
68) Hexachlorobenzene	16.533	284	1110677	55.050	ng		96
69) Atrazine	16.680	200	906206	56.882	ng		99
70) Pentachlorophenol	16.868	266	1559824	124.193	ng		99
71) Phenanthrene	17.262	178	4665654	53.179	ng		100
72) Anthracene	17.351	178	4740823	54.286	ng		99
73) Carbazole	17.615	167	4327649	54.767	ng		99
74) Di-n-butylphthalate	18.186	149	4744543	54.857	ng		100
75) Fluoranthene	19.268	202	5249120	55.035	ng		99
77) Benzidine	19.445	184	2233181	52.777	ng		100
78) Pyrene	19.627	202	5560223	52.333	ng		100
80) Butylbenzylphthalate	20.521	149	2097151	59.863	ng		99
81) Benzo(a)anthracene	21.421	228	6001174	55.520	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1334742	36.617	ng		99
83) Chrysene	21.486	228	5585343	54.784	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	3210717	57.733	ng		99
85) Di-n-octyl phthalate	22.497	149	5358933	61.524	ng		99
87) Indeno(1,2,3-cd)pyrene	27.903	276	7063224	57.930	ng		99
88) Benzo(b)fluoranthene	23.515	252	5924153	56.163	ng		99
89) Benzo(k)fluoranthene	23.580	252	6107434	55.801	ng		100
90) Benzo(a)pyrene	24.333	252	5708080	57.808	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	5928579	57.737	ng		100
92) Benzo(g,h,i)perylene	28.968	276	5608837	57.795	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050435.D
Acq On : 14 Jul 2025 20:55
Operator : RC/JU
Sample : PB168816BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Quant Time: Jul 15 02:04:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050435.D
Acq On : 14 Jul 2025 20:55
Operator : RC/JU
Sample : PB168816BSD
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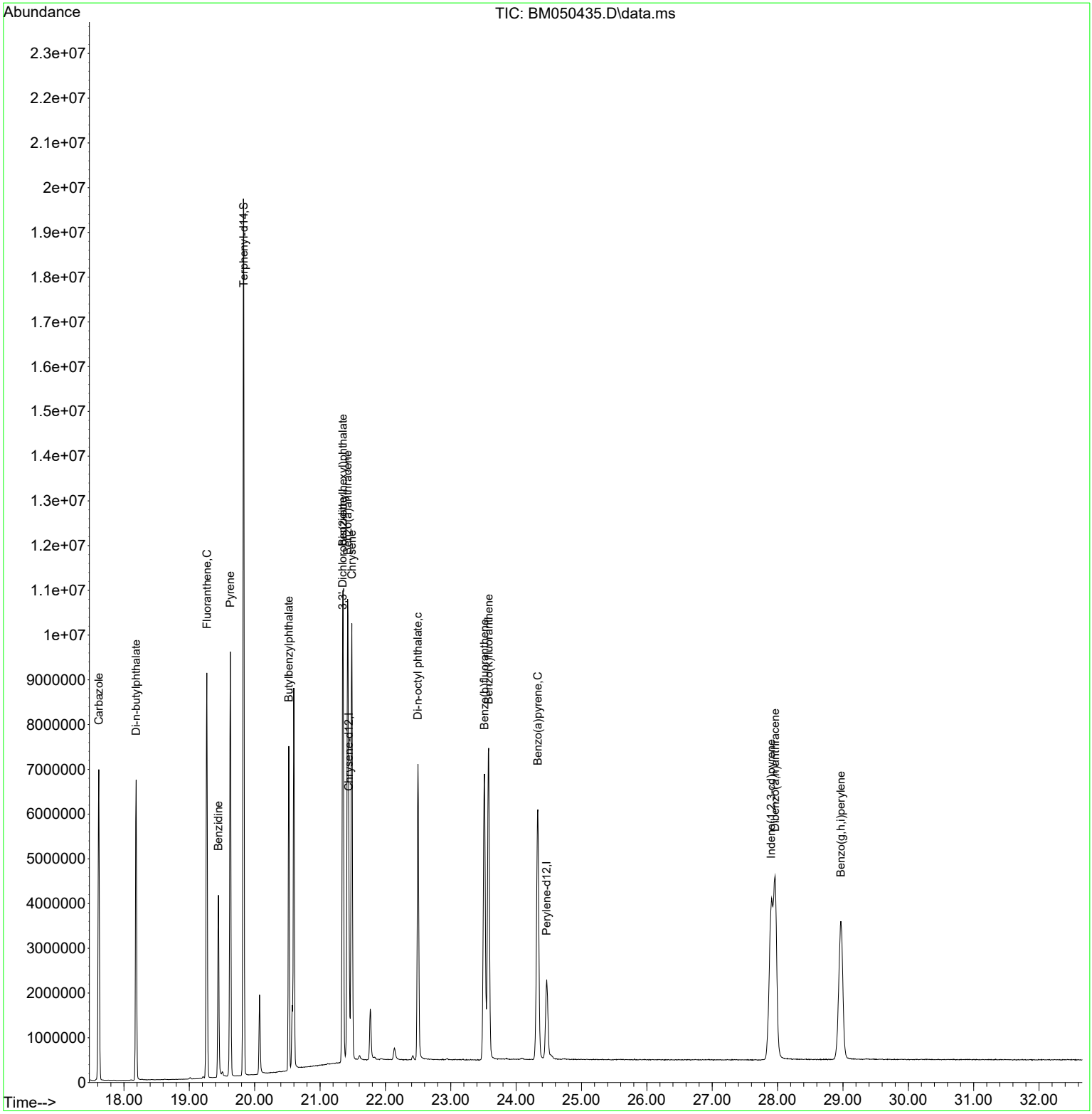
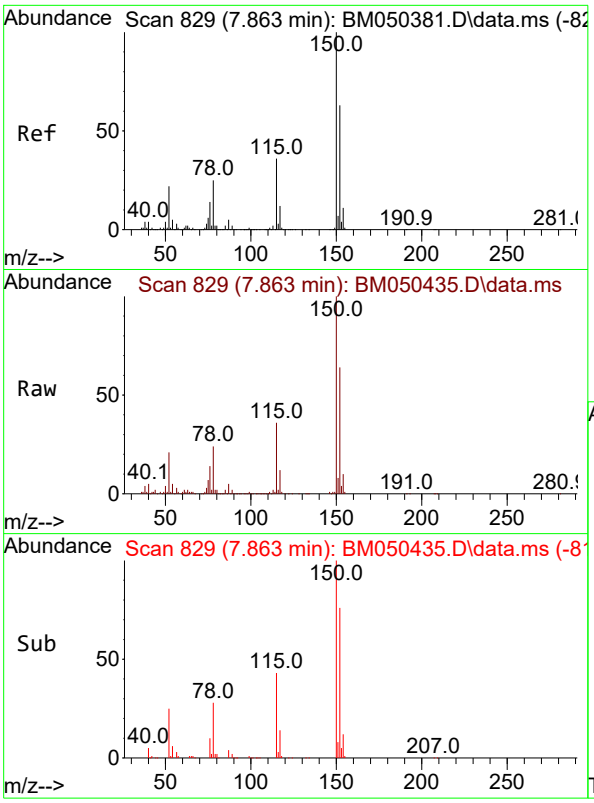
Quant Time: Jul 15 02:04:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



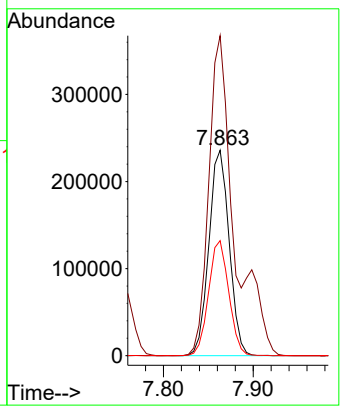


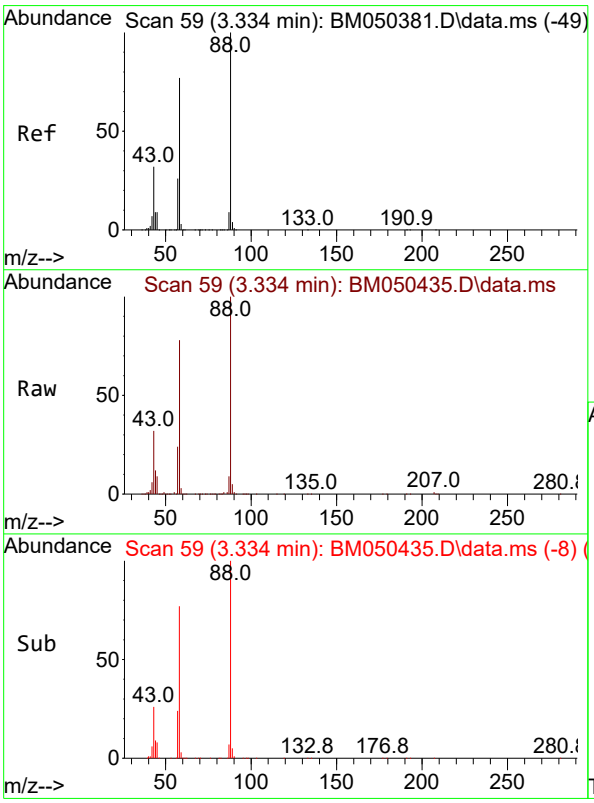
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:152 Resp: 370039

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.4
115	56.0	45.8	68.8

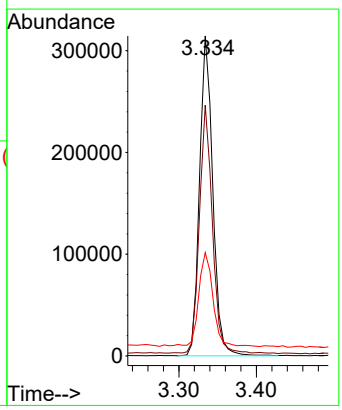


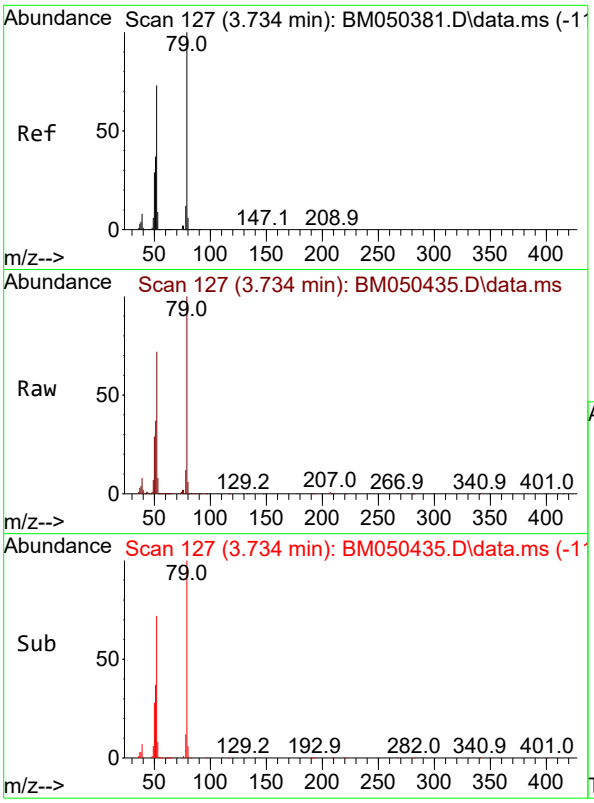


#2
1,4-Dioxane
Concen: 42.076 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 88 Resp: 371940

Ion	Ratio	Lower	Upper
88	100		
58	75.6	61.0	91.6
43	32.0	24.6	37.0



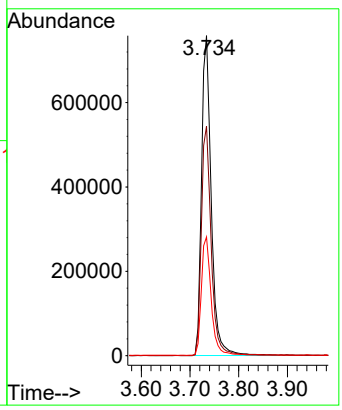


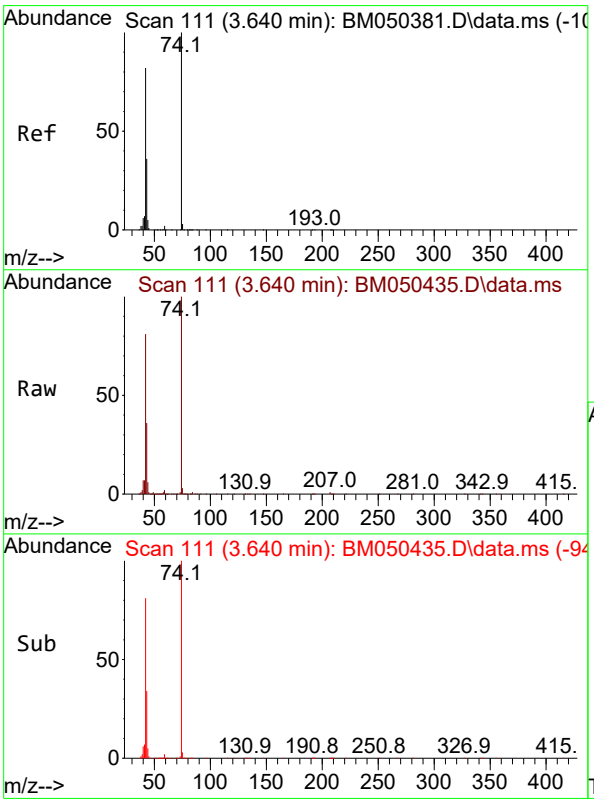
#3
Pyridine
Concen: 45.240 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 79 Resp: 1049913

Ion	Ratio	Lower	Upper
79	100		
52	71.7	58.3	87.5
51	37.1	29.6	44.4

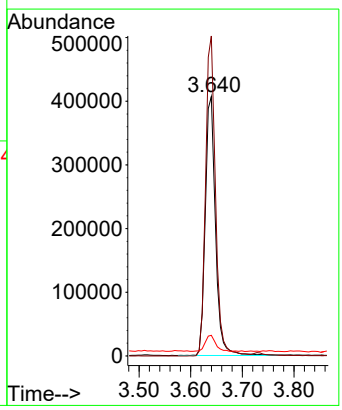


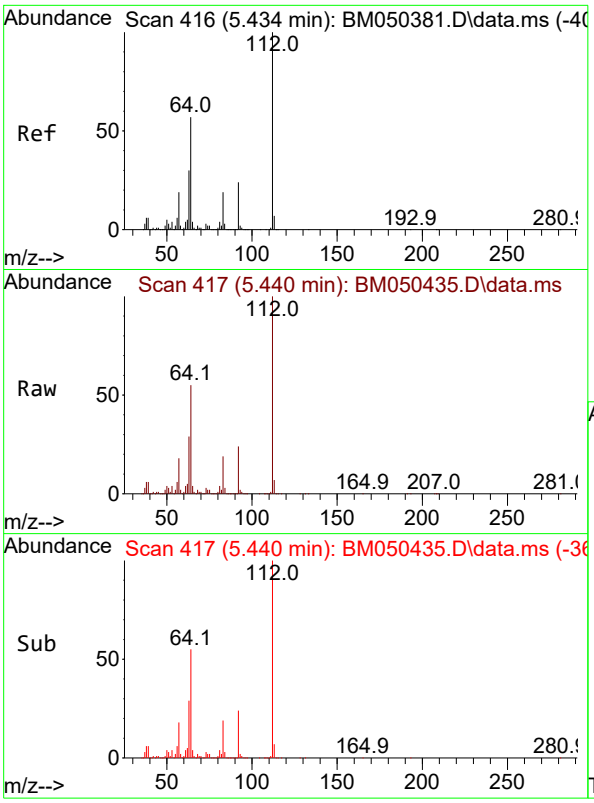


#4
n-Nitrosodimethylamine
Concen: 51.584 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 42 Resp: 558103

Ion	Ratio	Lower	Upper
42	100		
74	123.4	97.5	146.3
44	7.9	5.7	8.5



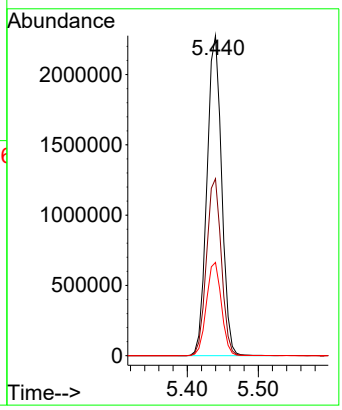


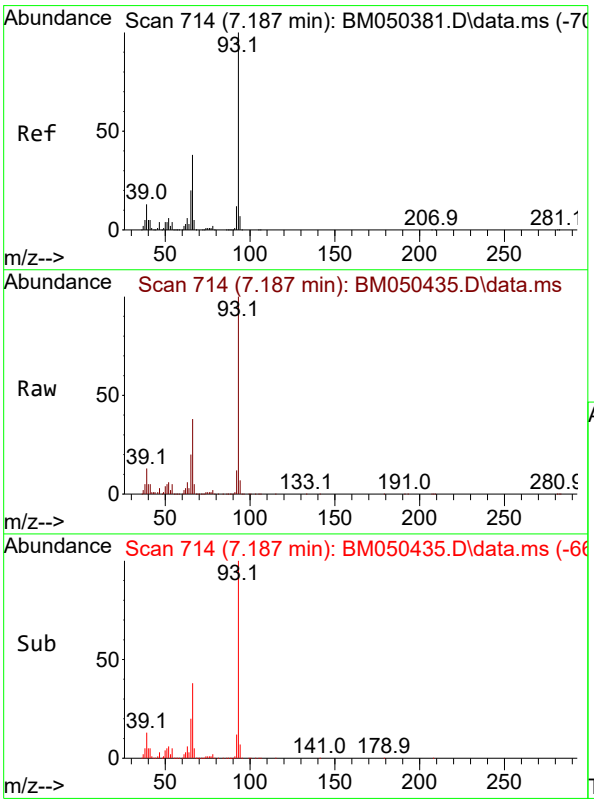
#5
2-Fluorophenol
Concen: 152.245 ng
RT: 5.440 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:112 Resp: 3272881

Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.5	68.3
63	29.1	24.2	36.4

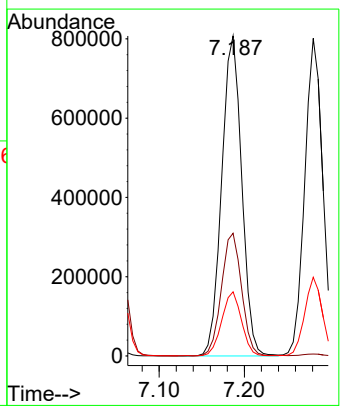


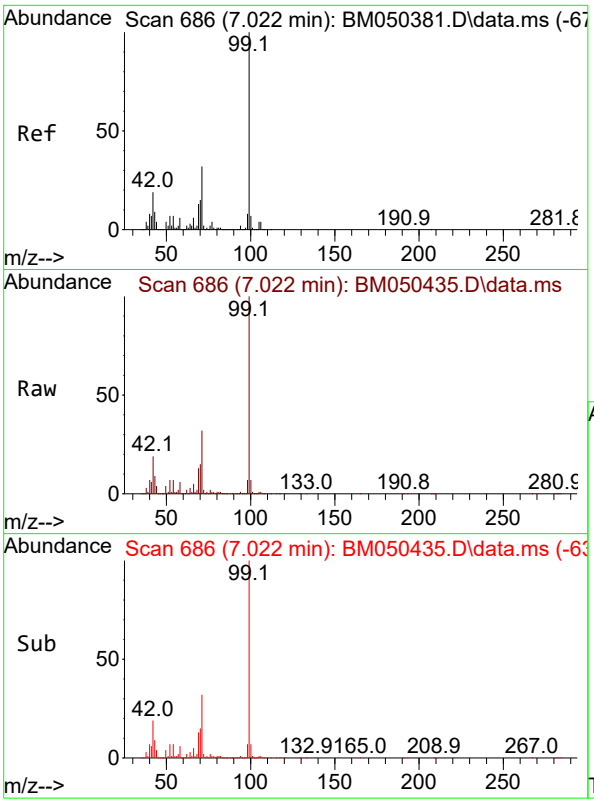


#6
Aniline
Concen: 37.879 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 93 Resp: 1317351

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.5	45.7
65	20.0	15.9	23.9



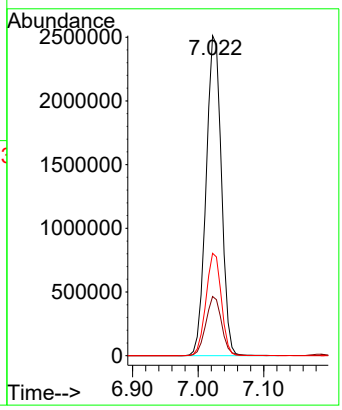


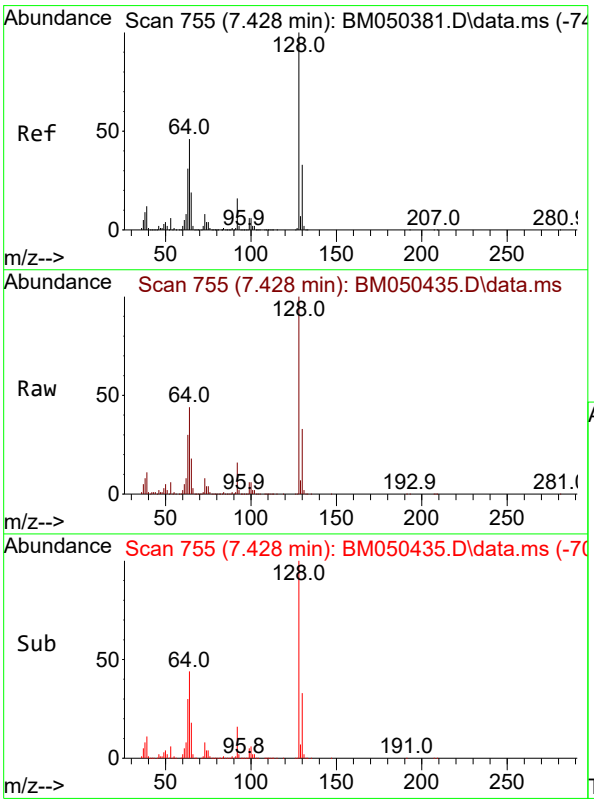
#7
Phenol-d6
Concen: 150.464 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 99 Resp: 4077545

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.6
71	32.0	25.9	38.9

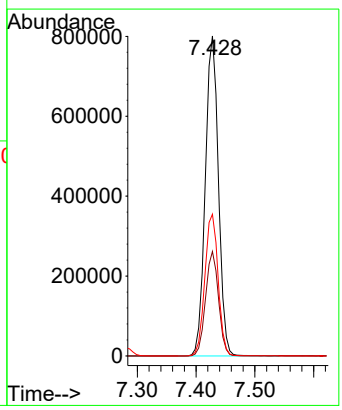


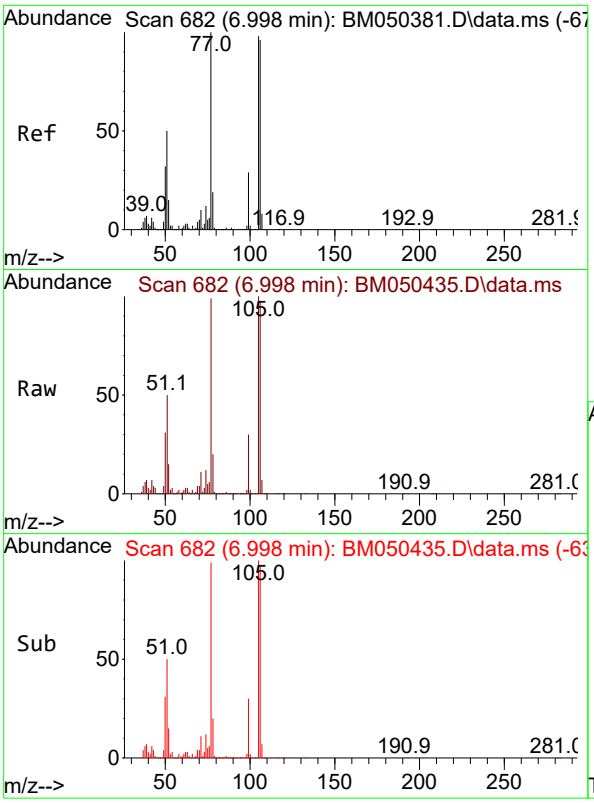


#8
2-Chlorophenol
Concen: 54.955 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:128 Resp: 1245733

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.3	53.3
64	44.3	25.6	65.6



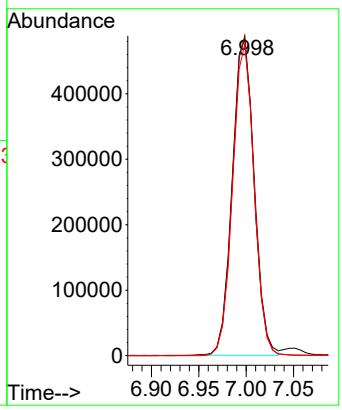


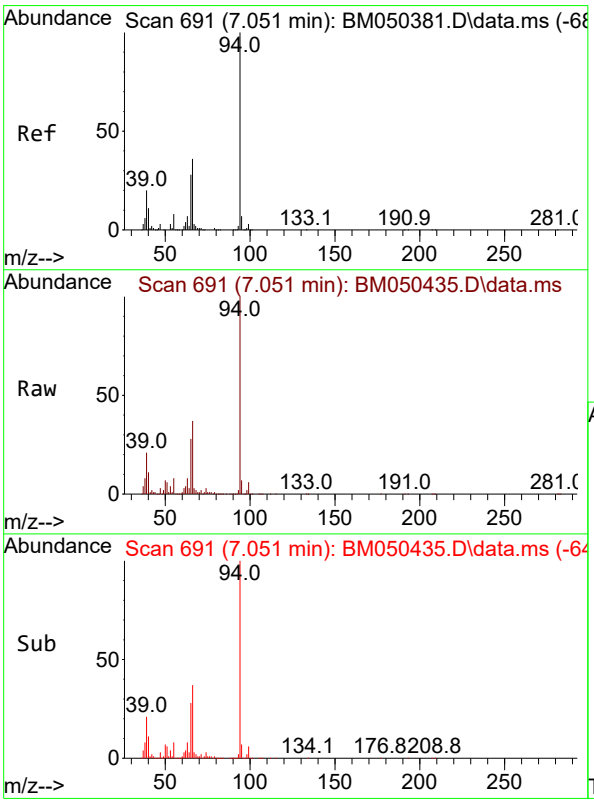
#9
Benzaldehyde
Concen: 48.185 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 77 Resp: 776775

Ion	Ratio	Lower	Upper
77	100		
105	101.1	78.4	118.4
106	98.4	76.3	116.3

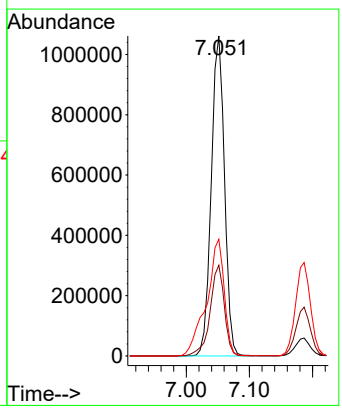


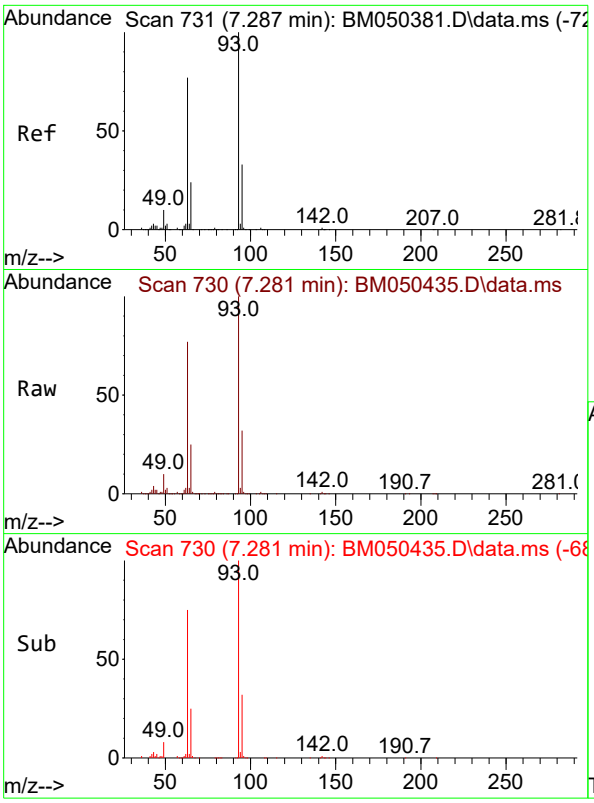


#10
Phenol
Concen: 54.629 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 94 Resp: 1544097

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.1	48.1
66	36.5	15.8	55.8



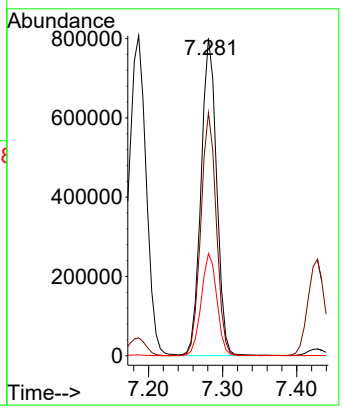


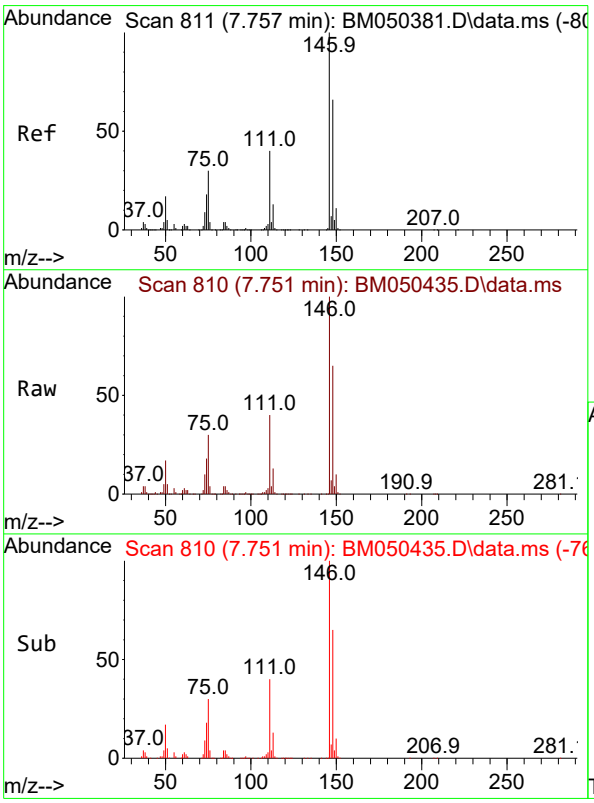
#11
bis(2-Chloroethyl)ether
Concen: 51.907 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 93 Resp: 1174983

Ion	Ratio	Lower	Upper
93	100		
63	76.5	56.9	96.9
95	32.1	12.6	52.6

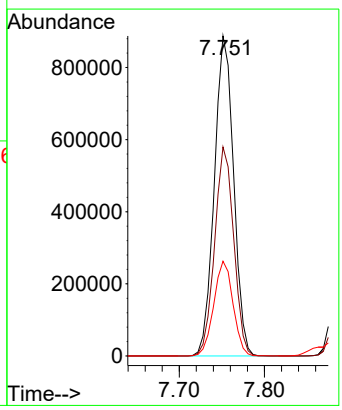


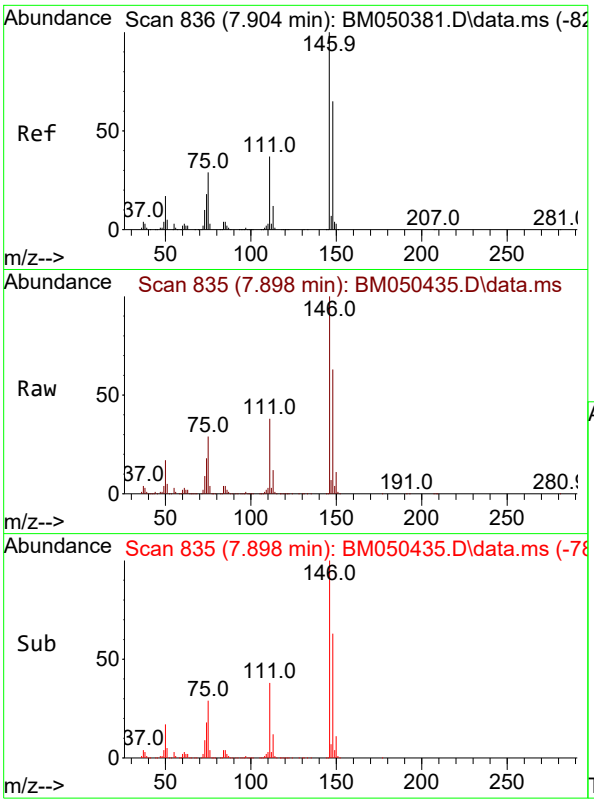


#12
1,3-Dichlorobenzene
Concen: 50.594 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:146 Resp: 1394546

Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.2	79.8
75	29.6	23.9	35.9



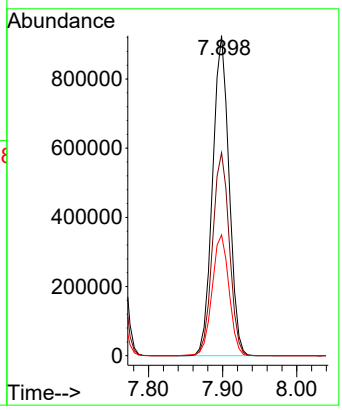


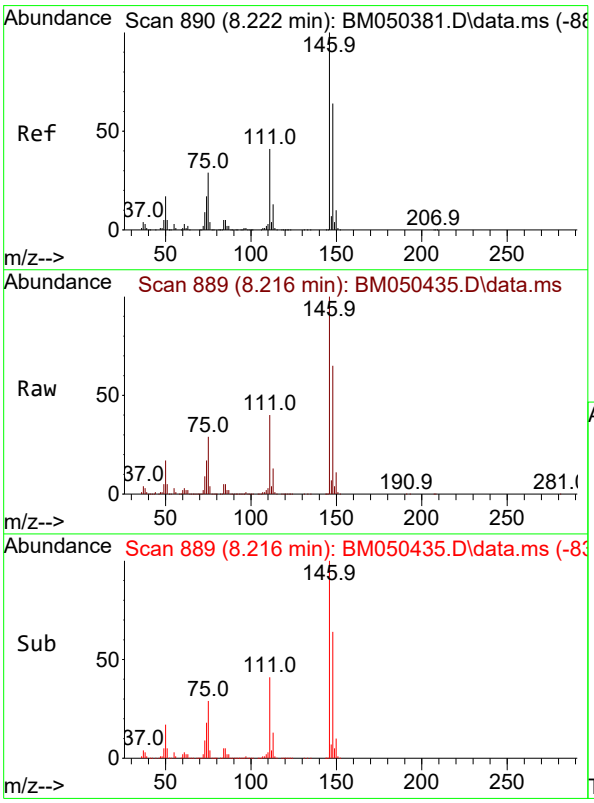
#13
1,4-Dichlorobenzene
Concen: 50.629 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:146 Resp: 1424934

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	37.8	30.0	45.0

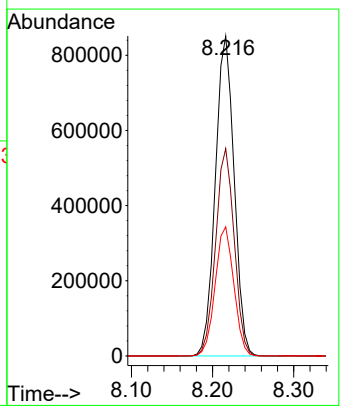


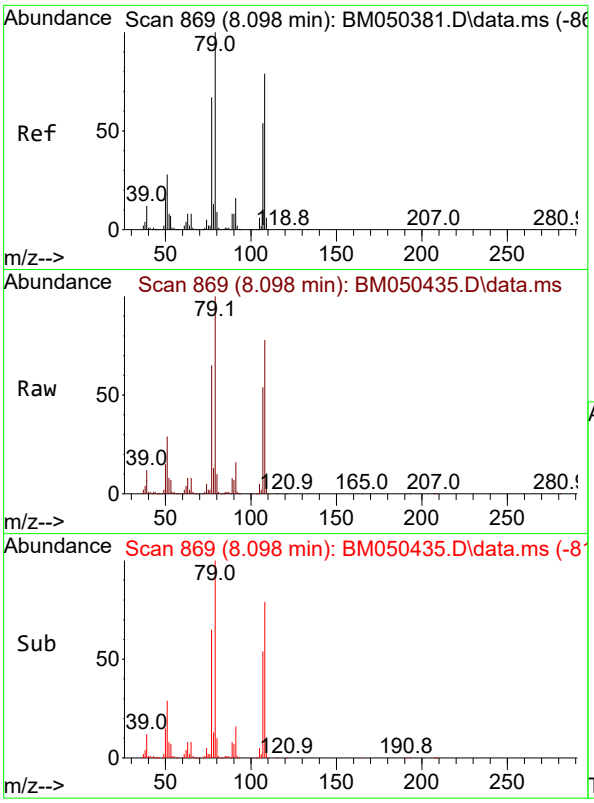


#14
1,2-Dichlorobenzene
Concen: 50.873 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:146 Resp: 1370789

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	40.4	32.6	49.0



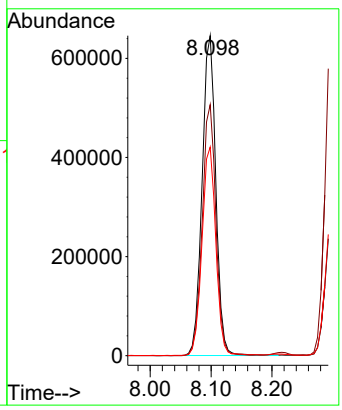


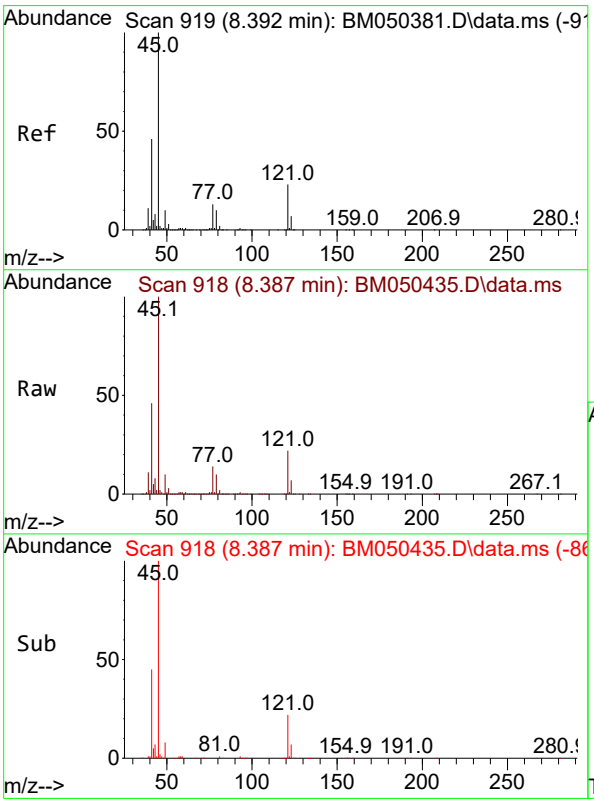
#15
Benzyl Alcohol
Concen: 52.857 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 79 Resp: 1009271

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.0	94.4
77	65.2	53.4	80.0

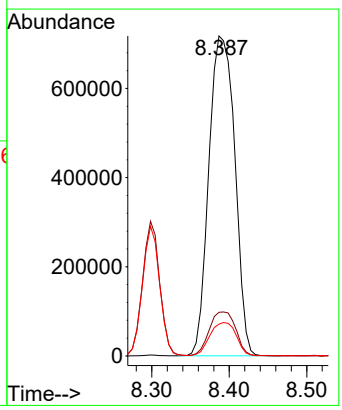


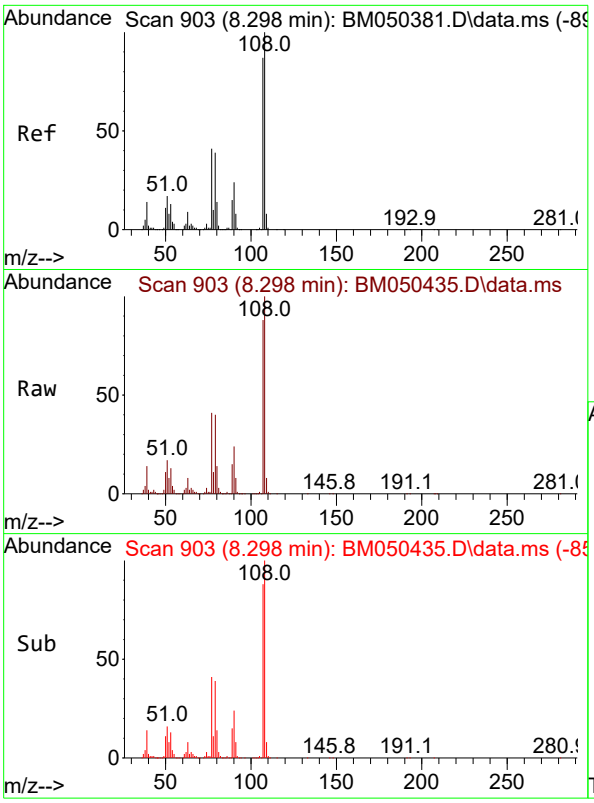


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.152 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 45 Resp: 1672207

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.0	0.0	30.3



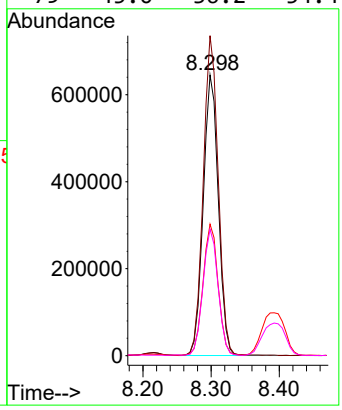


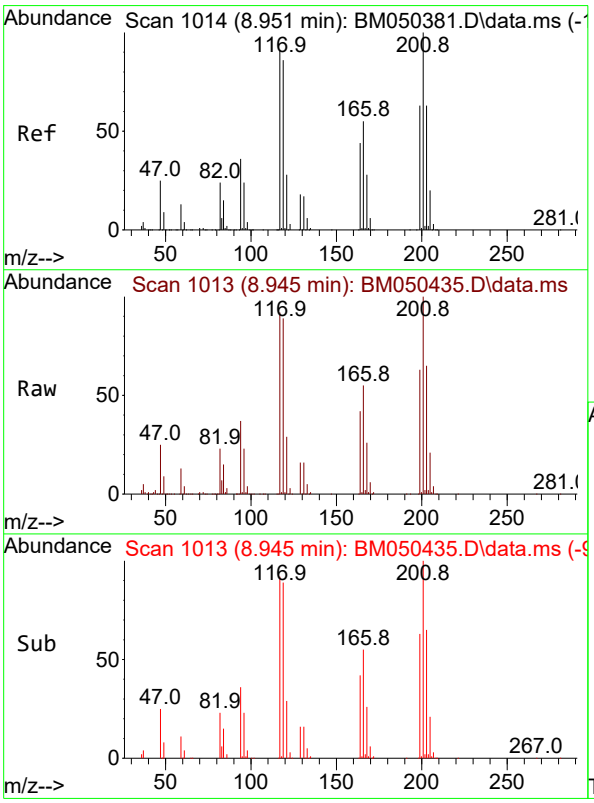
#17
2-Methylphenol
Concen: 54.269 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:107 Resp: 994877

Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.1	138.1
77	46.8	38.2	57.4
79	45.0	36.2	54.4

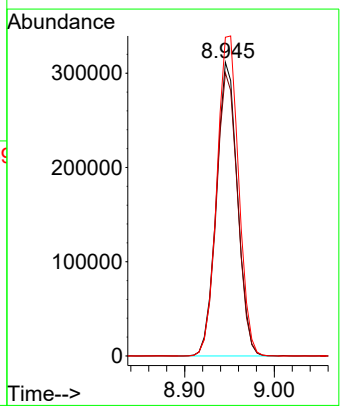


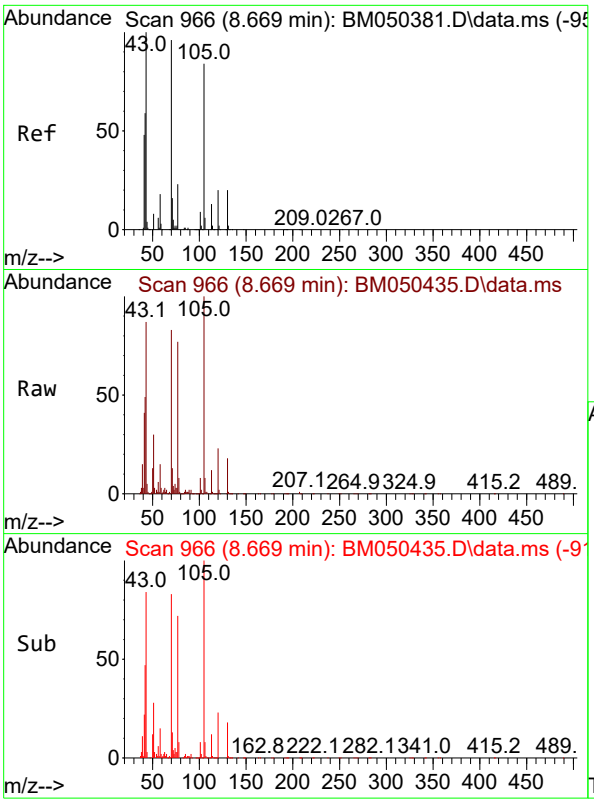


#18
Hexachloroethane
Concen: 51.372 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:117 Resp: 508501

Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.6	113.4
201	108.5	87.9	131.9



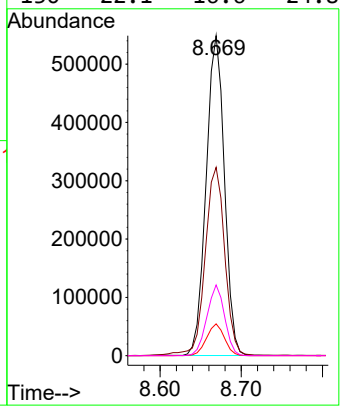


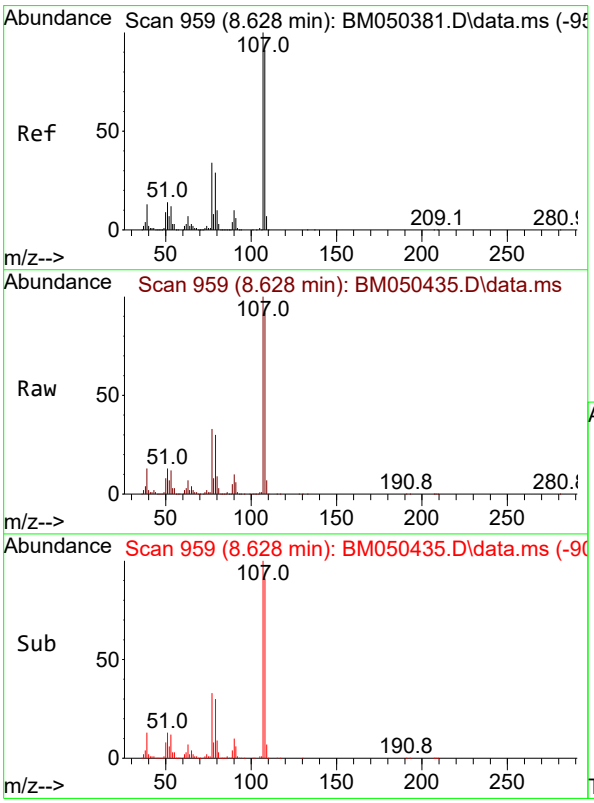
#19
n-Nitroso-di-n-propylamine
Concen: 52.169 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 70 Resp: 856466

Ion	Ratio	Lower	Upper
70	100		
42	58.8	49.7	74.5
101	10.0	7.7	11.5
130	22.1	16.6	24.8

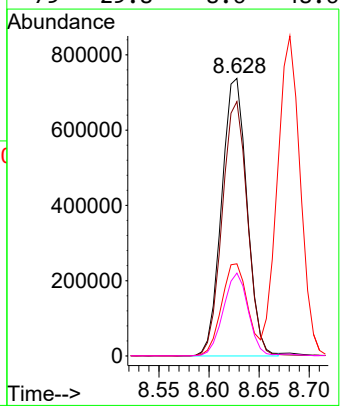


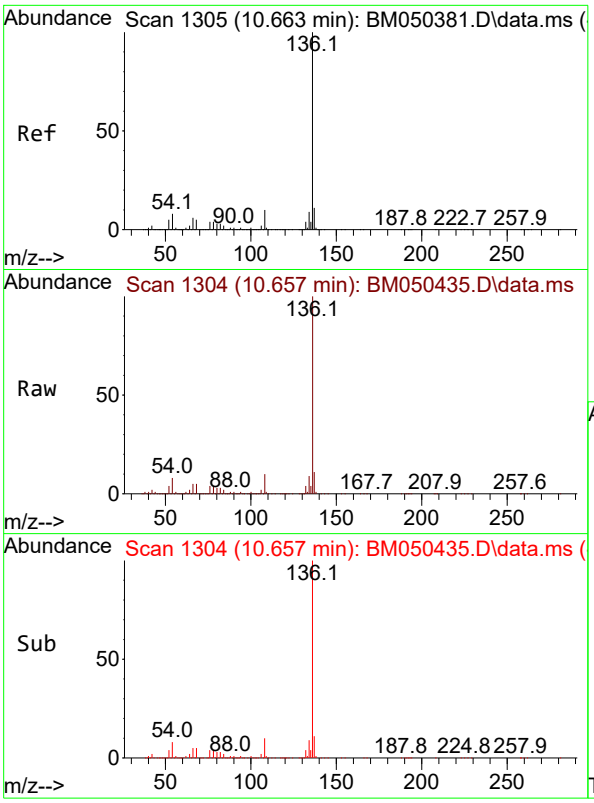


#20
3+4-Methylphenols
Concen: 52.703 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:107 Resp: 1297033

Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.5	111.5
77	33.2	13.7	53.7
79	29.8	8.6	48.6



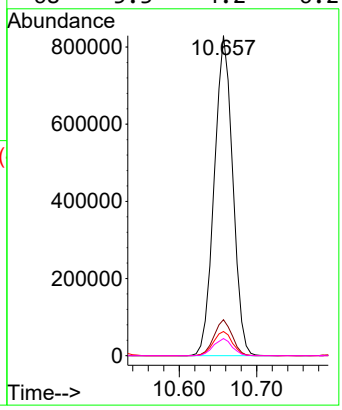


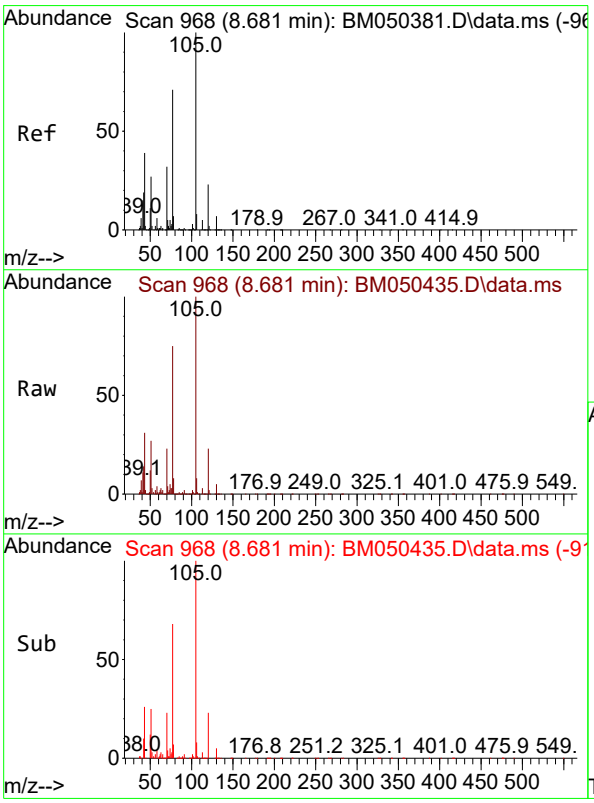
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:136 Resp: 1375892

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	6.3	9.5
68	5.3	4.2	6.2

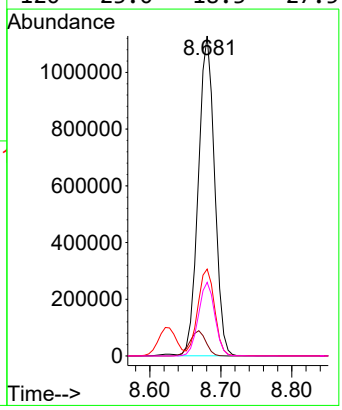


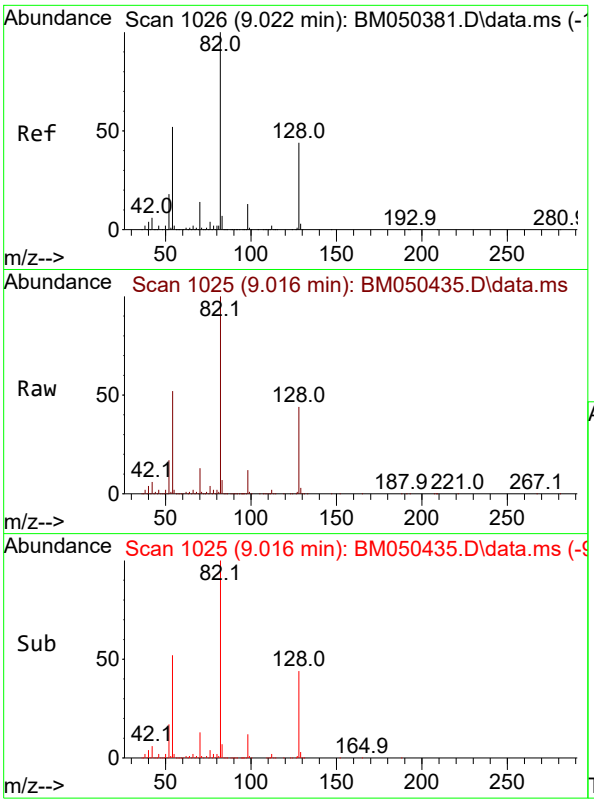


#22
Acetophenone
Concen: 52.258 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:105 Resp: 1797720

Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.4	6.6#
51	27.1	23.0	34.6
120	23.0	18.3	27.5



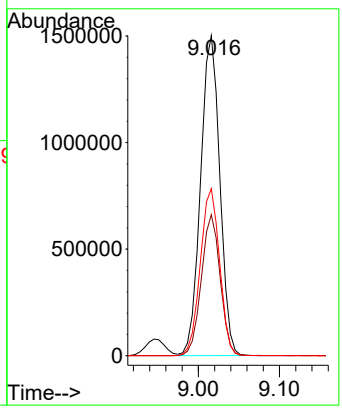


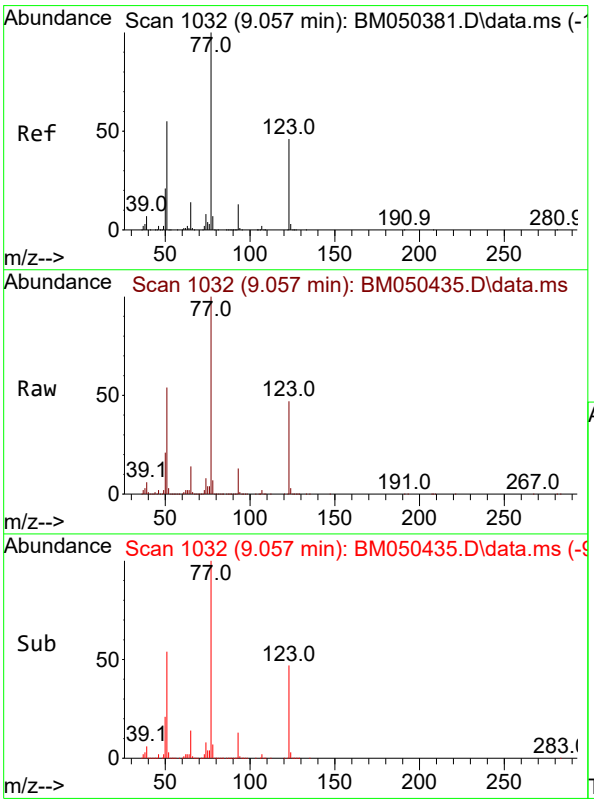
#23
Nitrobenzene-d5
Concen: 91.422 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 82 Resp: 2465526

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	52.2	41.5	62.3

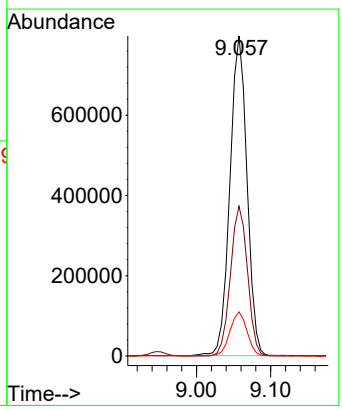


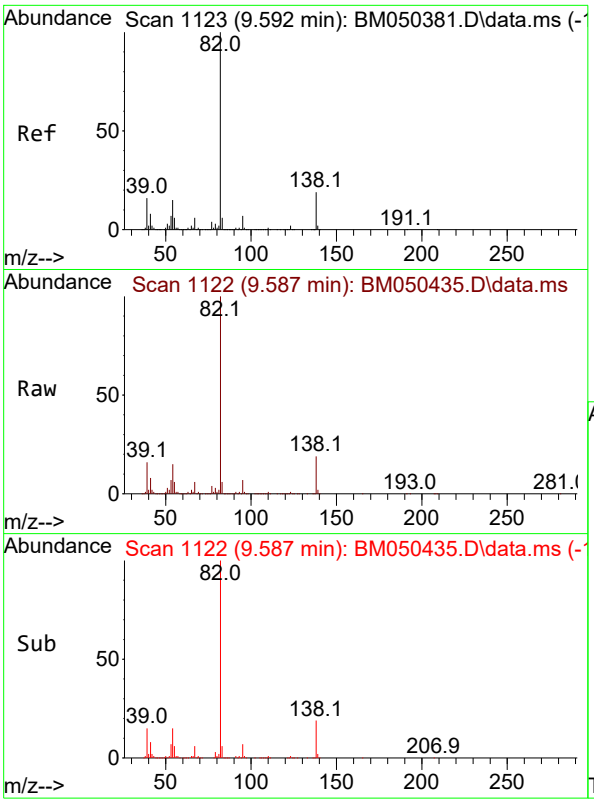


#24
Nitrobenzene
Concen: 52.945 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 77 Resp: 1274156

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.0	55.6
65	13.8	11.0	16.4



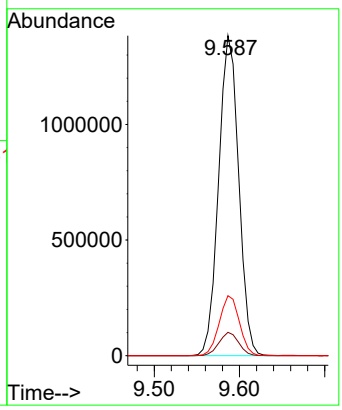


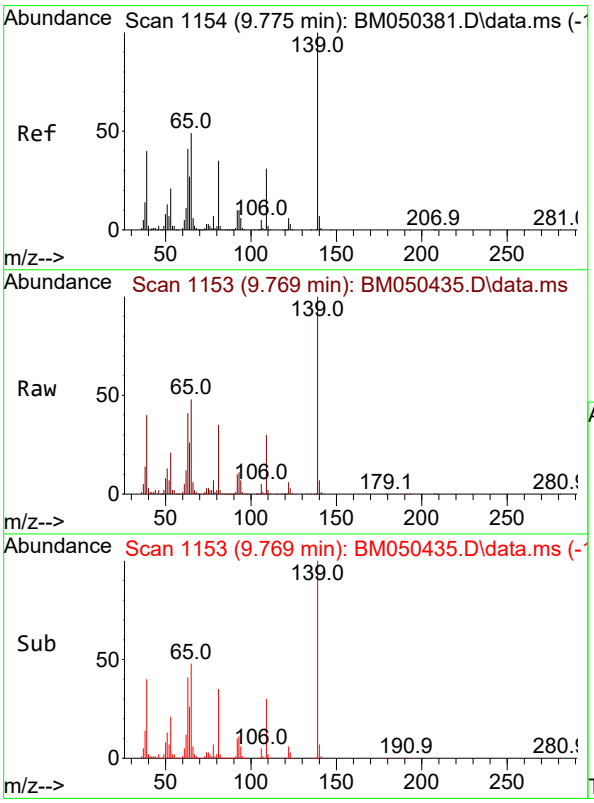
#25
Isophorone
Concen: 51.861 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 82 Resp: 2269519

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.7	15.3	22.9

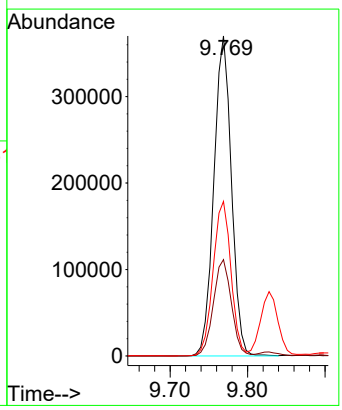


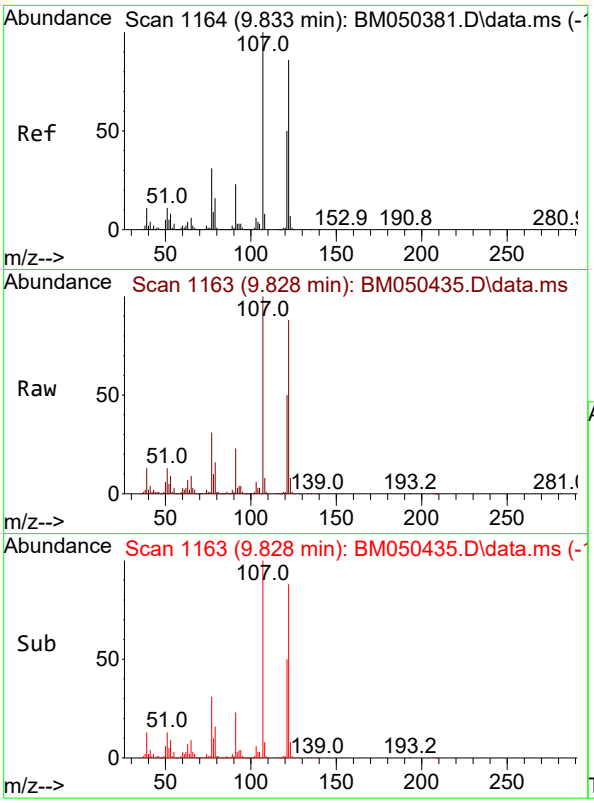


#26
2-Nitrophenol
Concen: 59.385 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:139 Resp: 582460

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	36.8
65	48.3	39.2	58.8



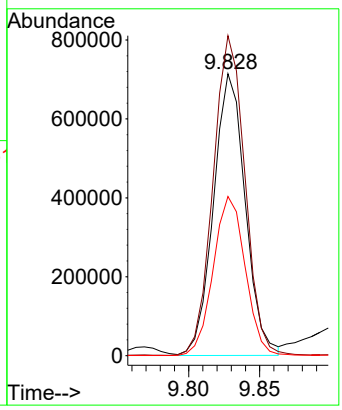


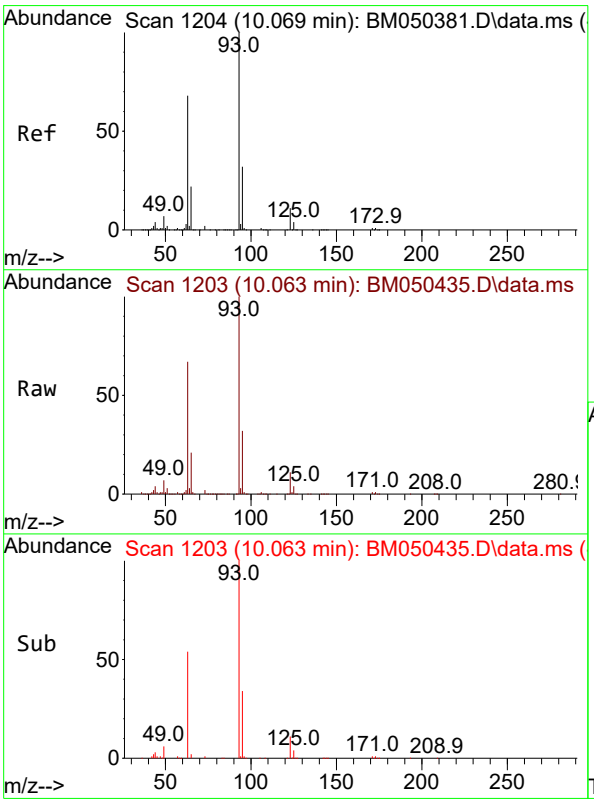
#27
2,4-Dimethylphenol
Concen: 53.265 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:122 Resp: 1111698

Ion	Ratio	Lower	Upper
122	100		
107	113.5	93.0	139.6
121	56.5	46.1	69.1

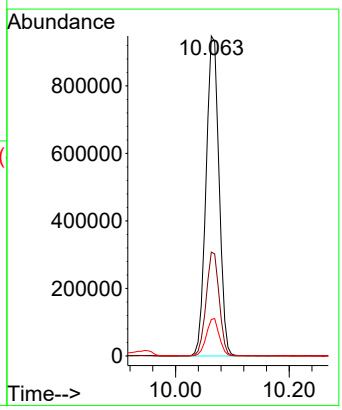


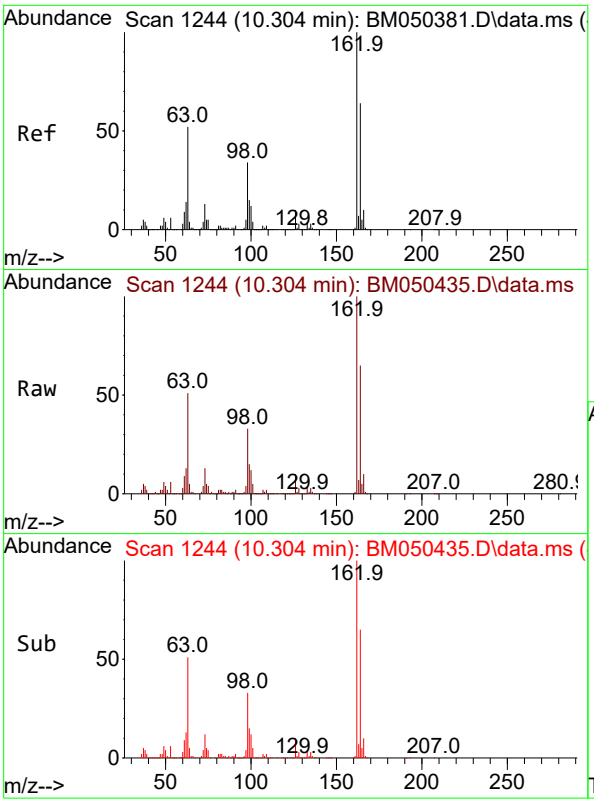


#28
bis(2-Chloroethoxy)methane
Concen: 51.891 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 93 Resp: 1504710

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.4	9.1	13.7



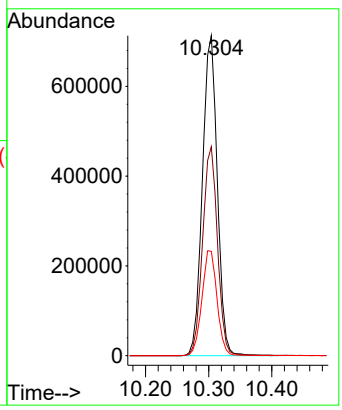


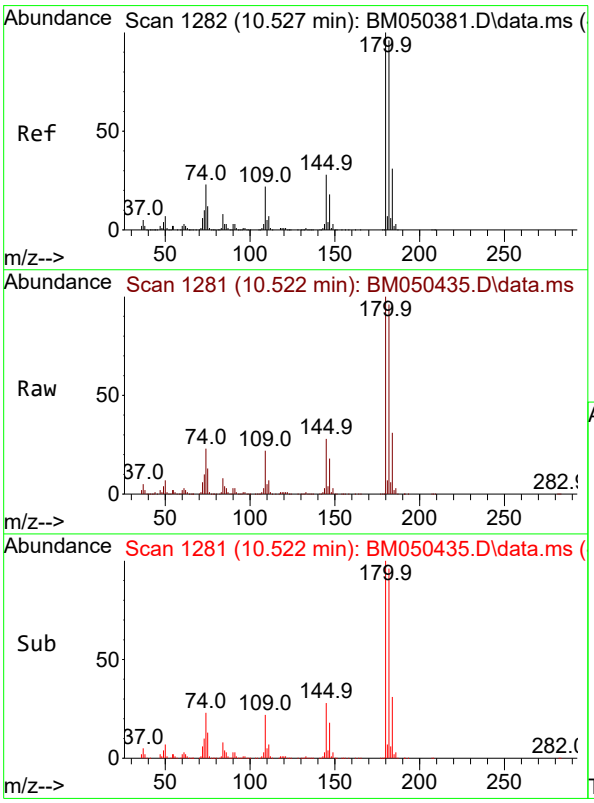
#29
2,4-Dichlorophenol
Concen: 54.542 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:162 Resp: 1169495

Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	32.6	13.7	53.7

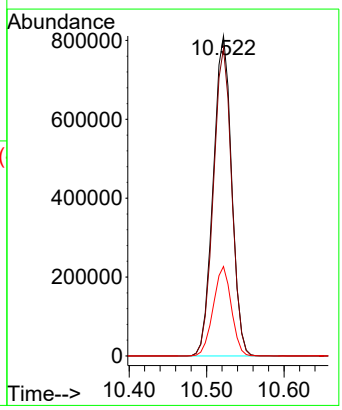


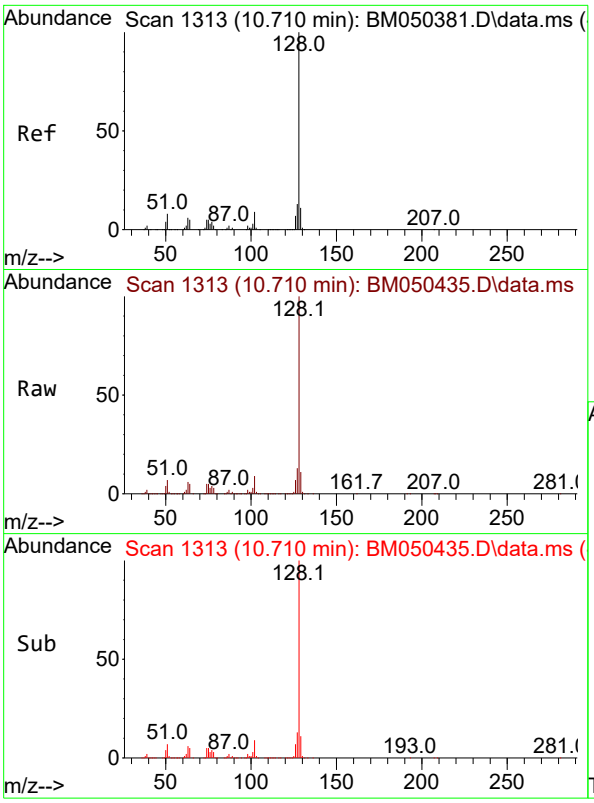


#30
1,2,4-Trichlorobenzene
Concen: 52.343 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:180 Resp: 1342620

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	27.9	22.6	33.8



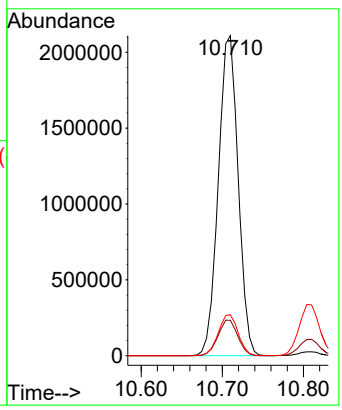


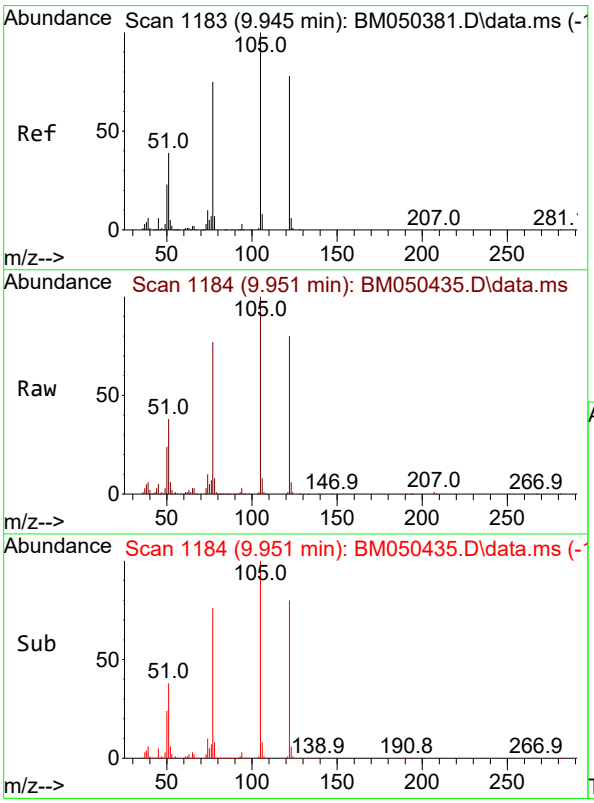
#31
Naphthalene
Concen: 51.318 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:128 Resp: 3586358

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.4	15.6

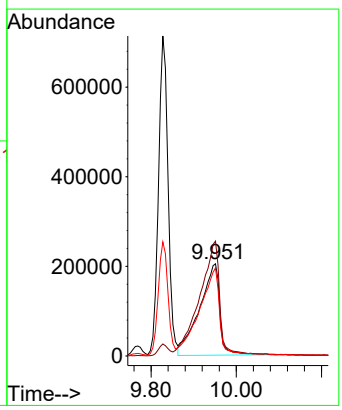


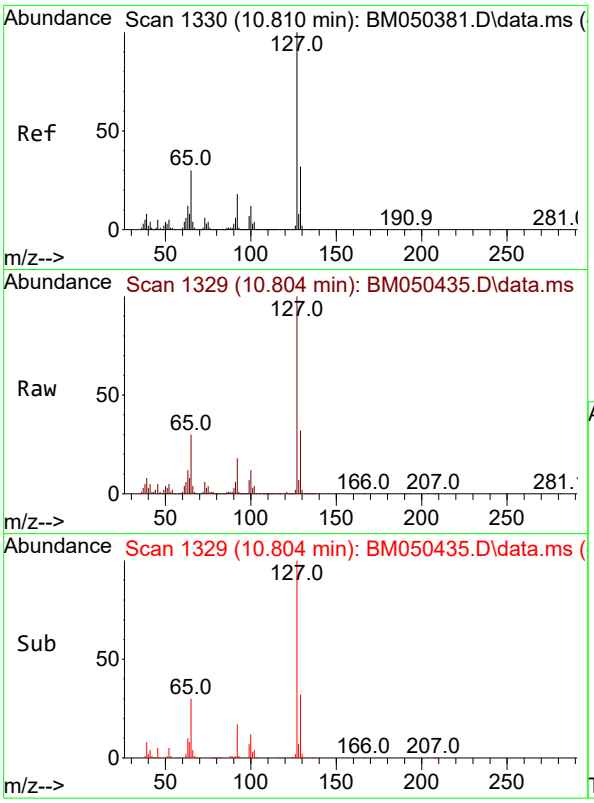


#32
Benzoic acid
Concen: 52.507 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:122 Resp: 680857

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.0	144.0
77	95.6	73.8	113.8



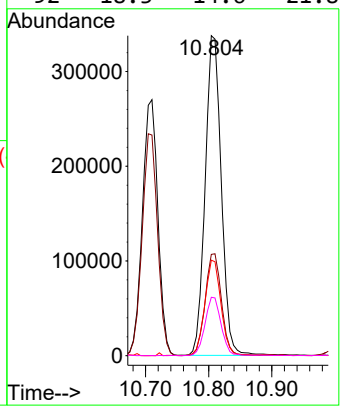


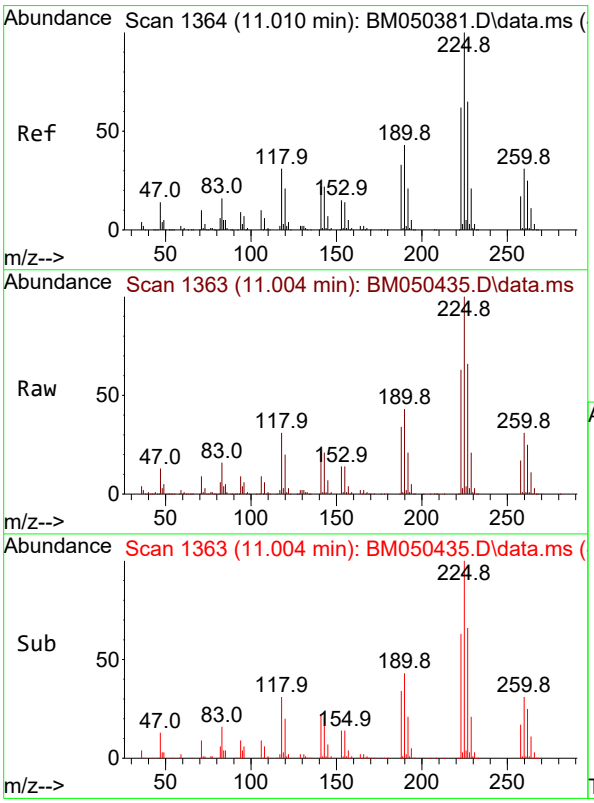
#33
4-Chloroaniline
Concen: 20.317 ng
RT: 10.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:127 Resp: 600270

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	29.9	23.9	35.9
92	18.3	14.6	21.8

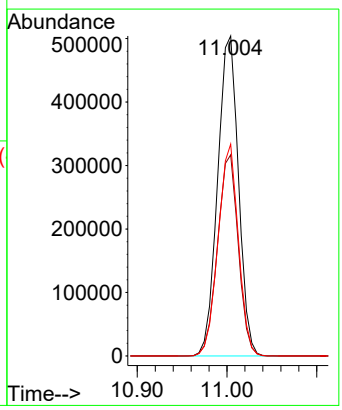


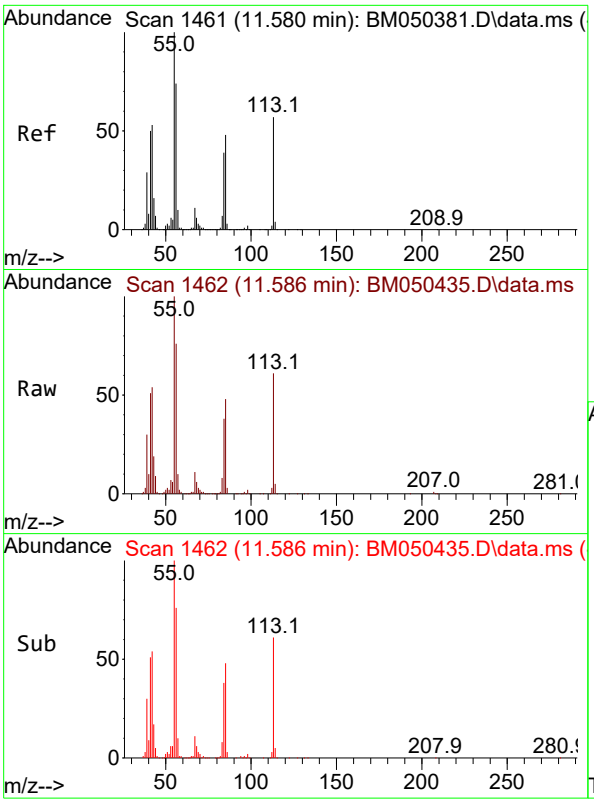


#34
Hexachlorobutadiene
Concen: 51.894 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:225 Resp: 812433

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	66.2	52.1	78.1



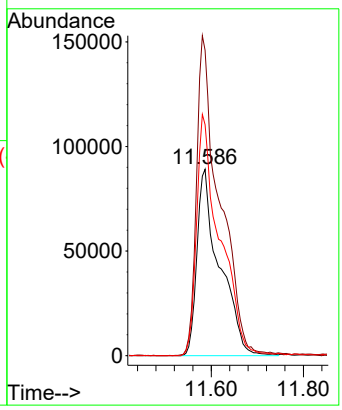


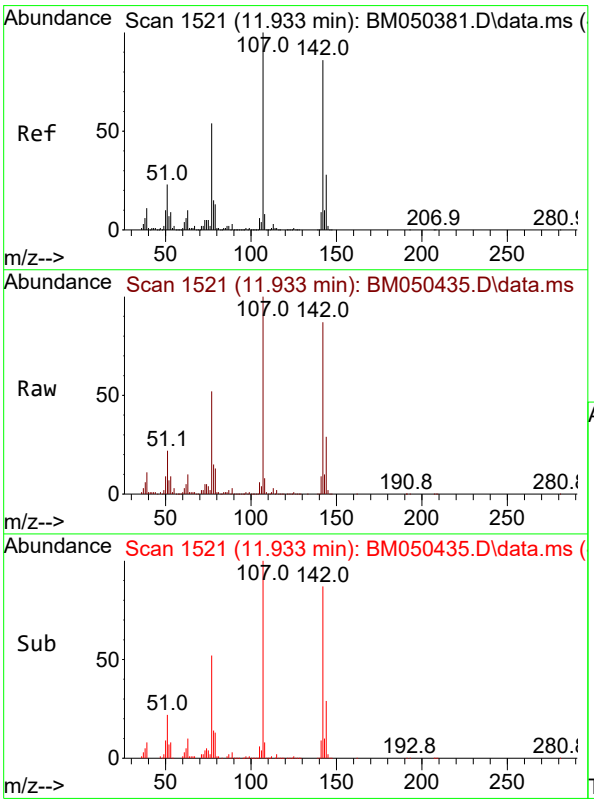
#35
Caprolactam
Concen: 52.119 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:113 Resp: 305069

Ion	Ratio	Lower	Upper
113	100		
55	163.8	157.2	197.2
56	123.9	111.7	151.7

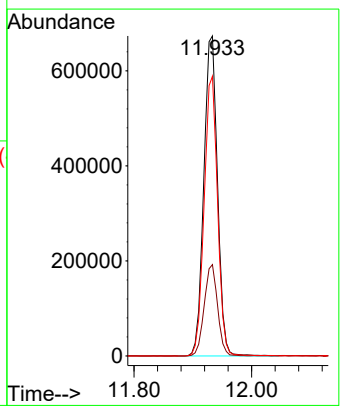


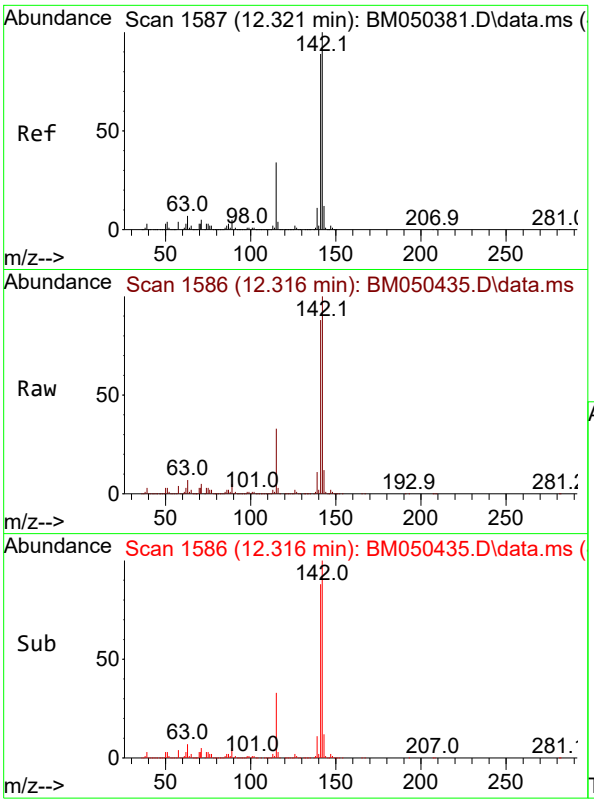


#36
4-Chloro-3-methylphenol
Concen: 54.093 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:107 Resp: 1083096

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.2	33.4
142	87.4	68.7	103.1



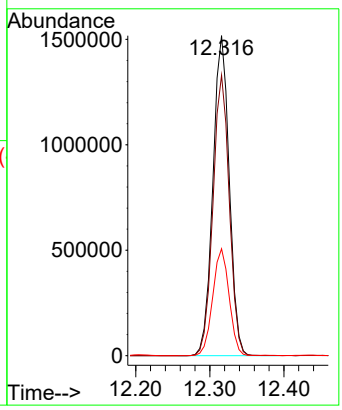


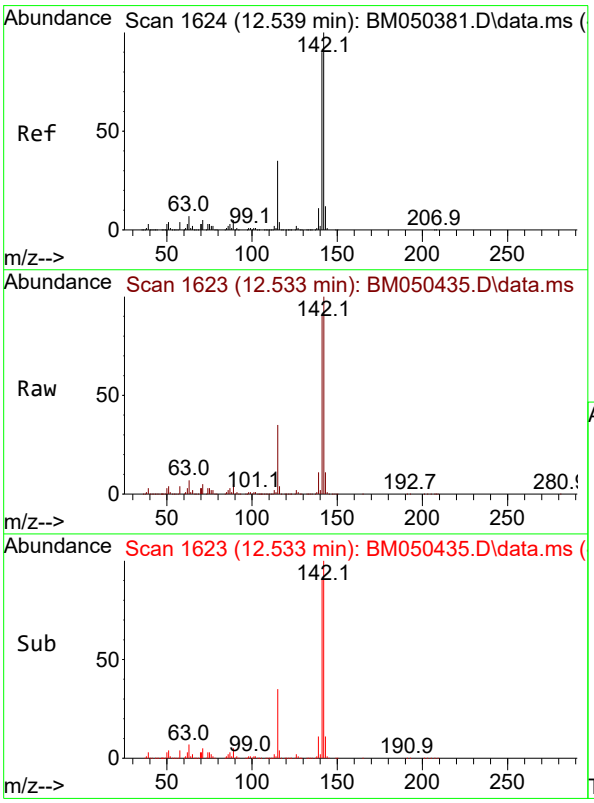
#37
2-Methylnaphthalene
Concen: 52.615 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:142 Resp: 2321707

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	33.4	27.0	40.4

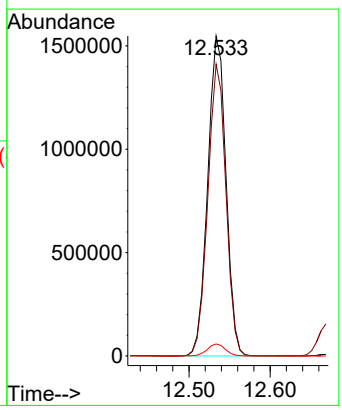


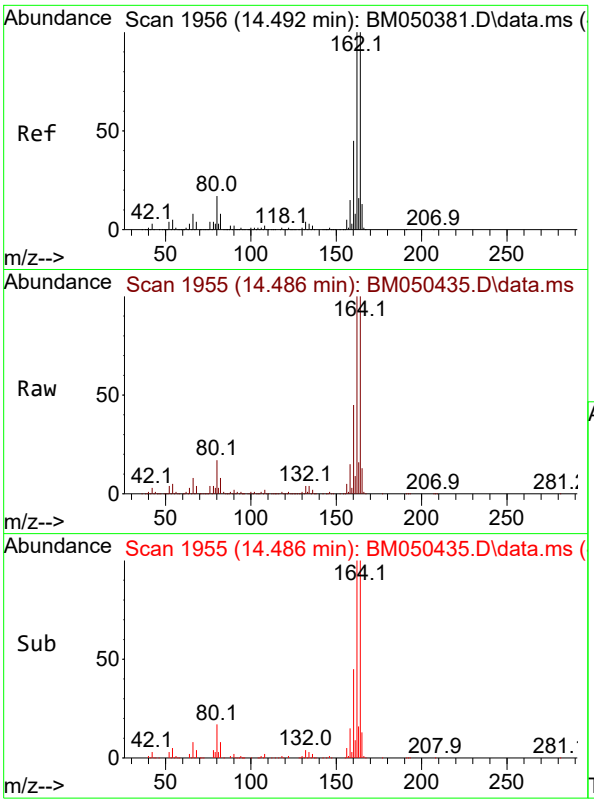


#38
1-Methylnaphthalene
Concen: 51.731 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:142 Resp: 2415782

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
116	3.7	3.0	4.6



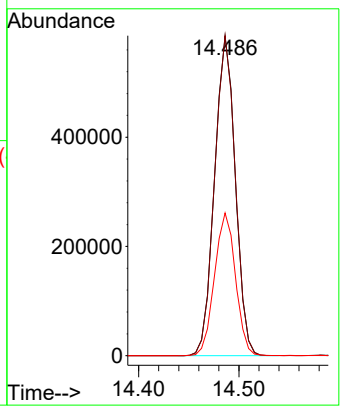


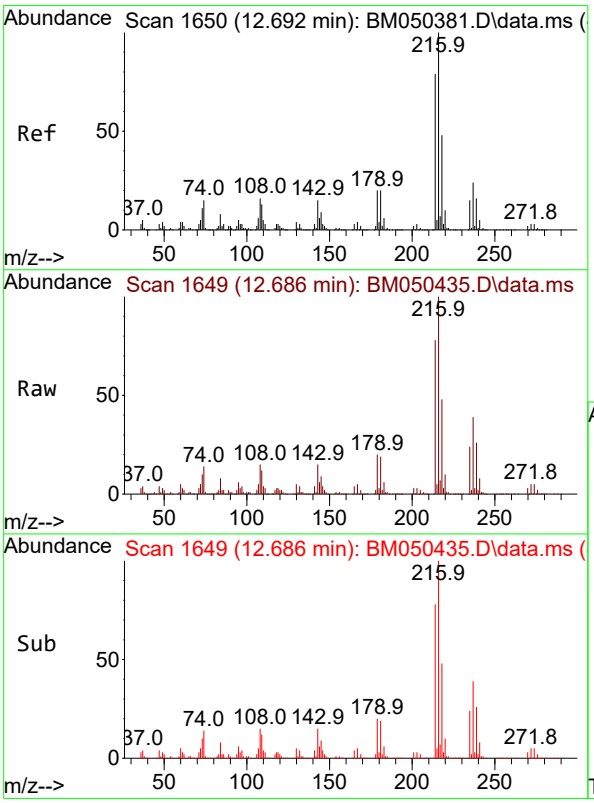
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:164 Resp: 841303

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.7	36.2	54.4

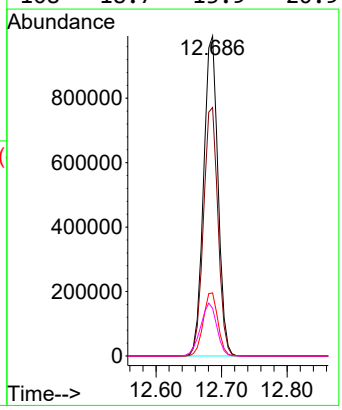


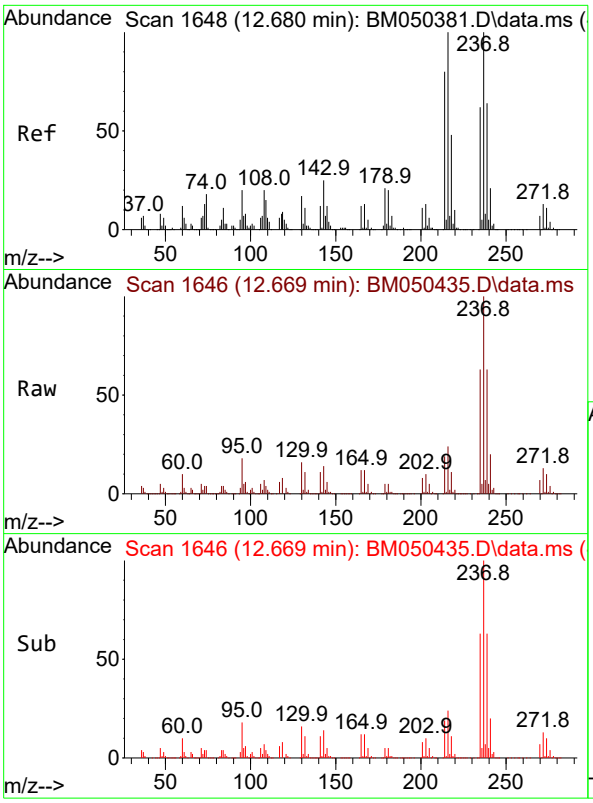


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.650 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:216 Resp: 1515622

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	20.1	16.4	24.6
108	18.7	13.9	20.9



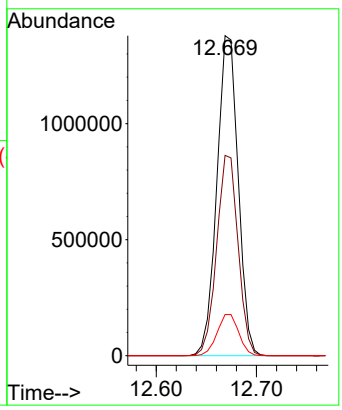


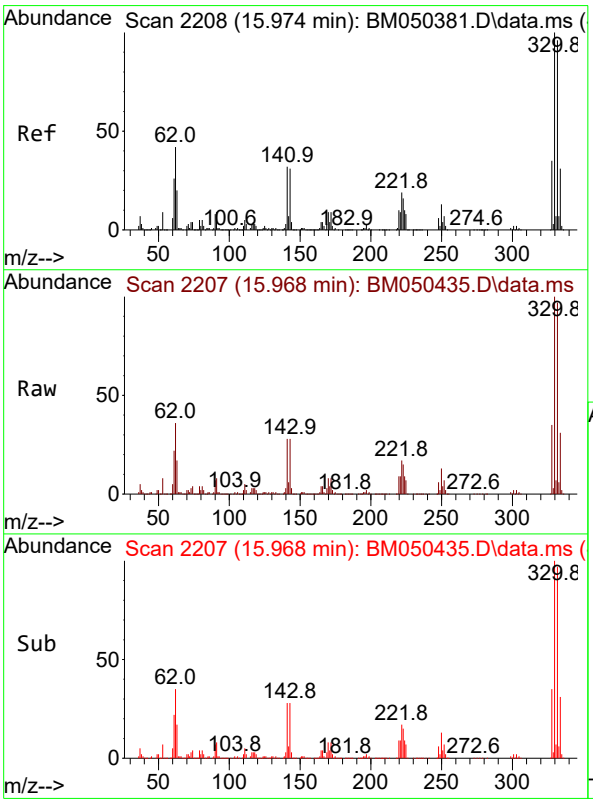
#41
Hexachlorocyclopentadiene
Concen: 118.714 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:237 Resp: 2030204

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.3	82.3
272	12.8	0.0	33.0

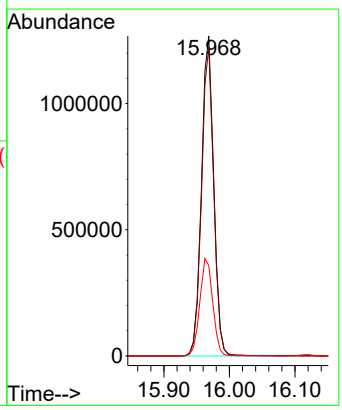


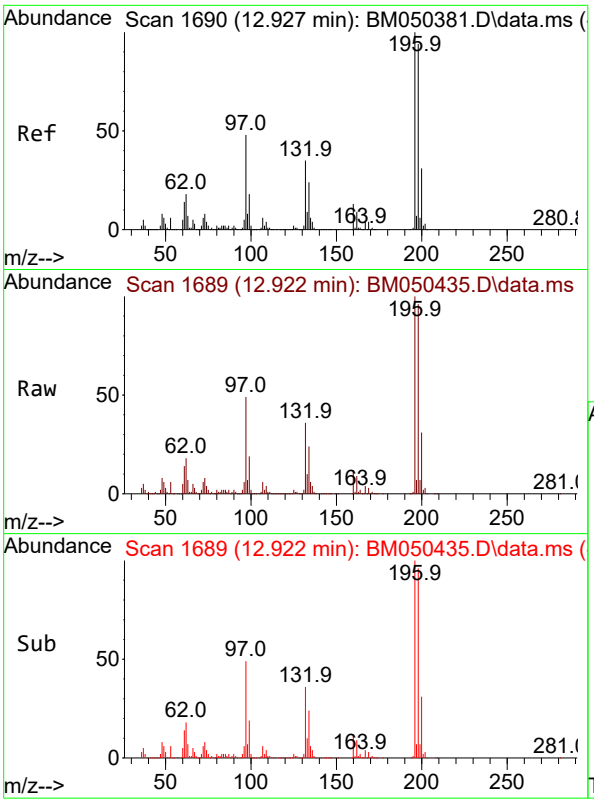


#42
2,4,6-Tribromophenol
Concen: 161.595 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:330 Resp: 1651806

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	32.2	27.4	41.0



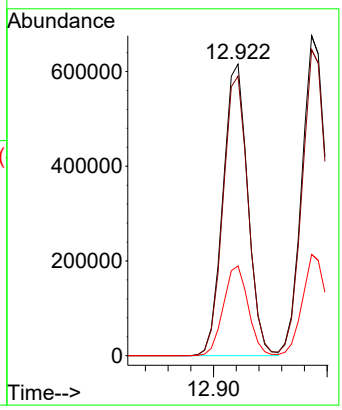


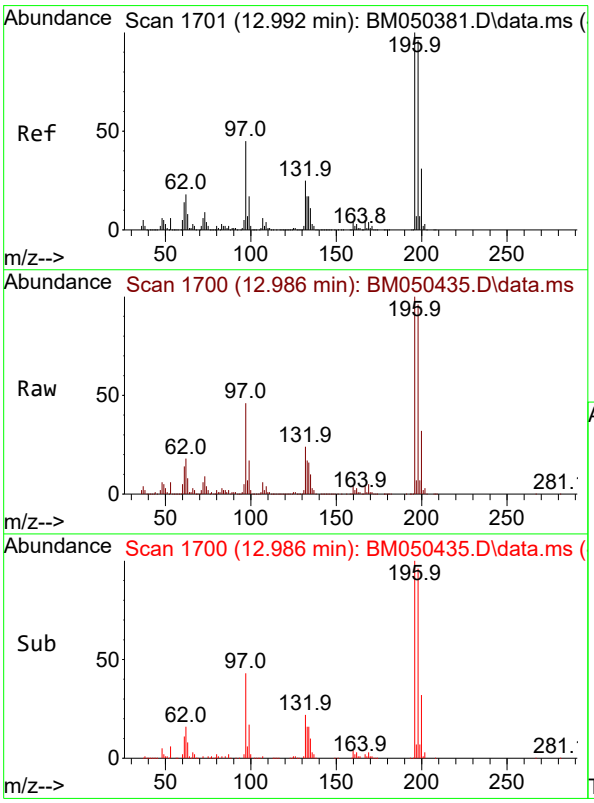
#43
2,4,6-Trichlorophenol
Concen: 56.899 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:196 Resp: 937037

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.1	112.7
200	30.8	24.6	37.0

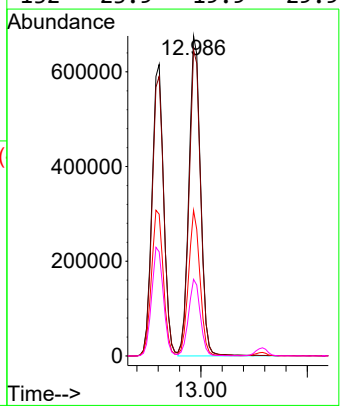


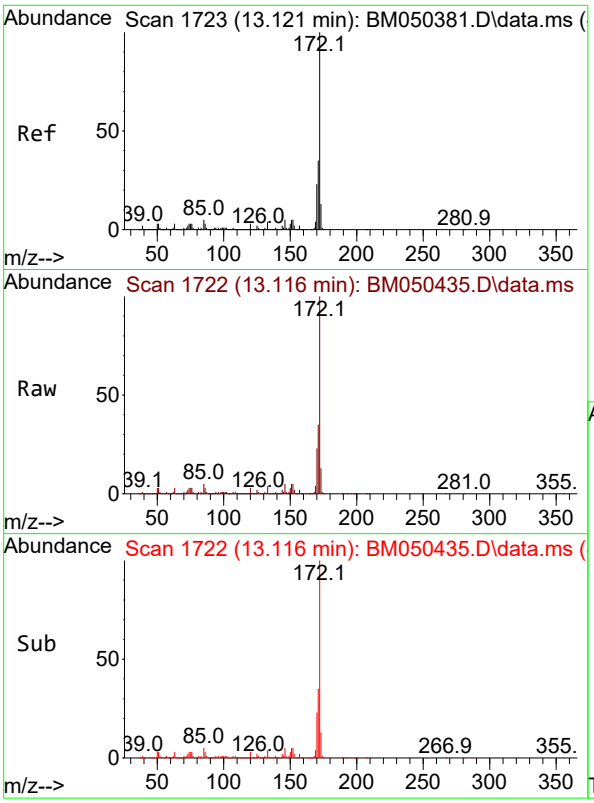


#44
2,4,5-Trichlorophenol
Concen: 56.905 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:196 Resp: 1023470

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.2	115.8
97	45.5	36.2	54.4
132	23.9	19.9	29.9



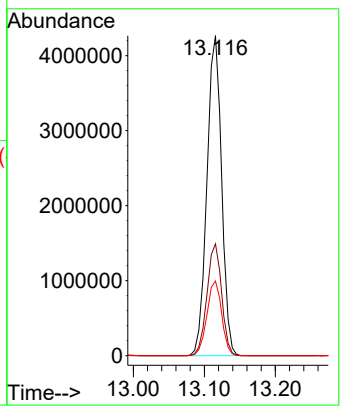


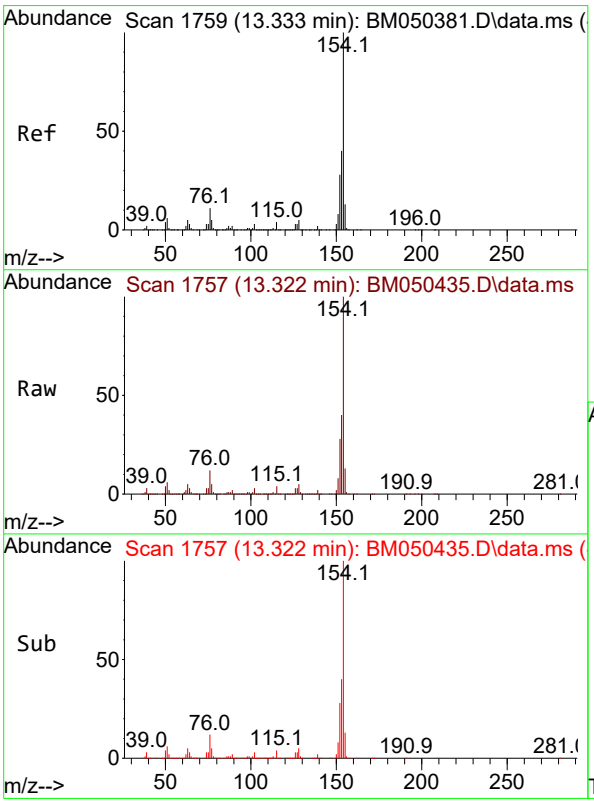
#45
2-Fluorobiphenyl
Concen: 89.847 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:172 Resp: 6120850

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.3	18.8	28.2

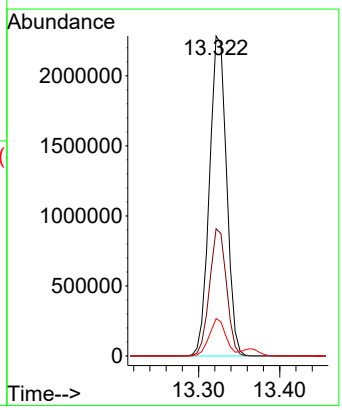


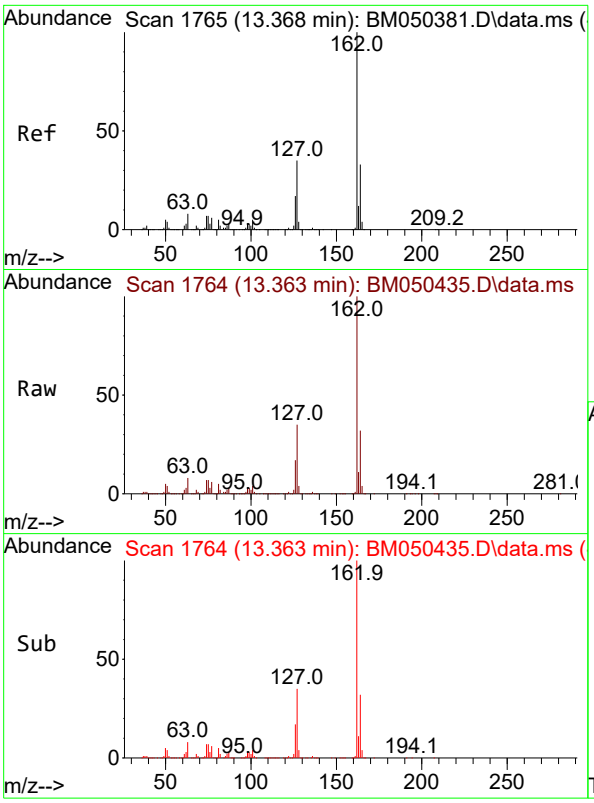


#46
1,1'-Biphenyl
Concen: 53.467 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:154 Resp: 3337334

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.7	59.7
76	11.6	0.0	30.9



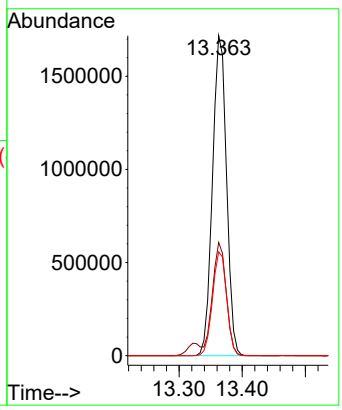


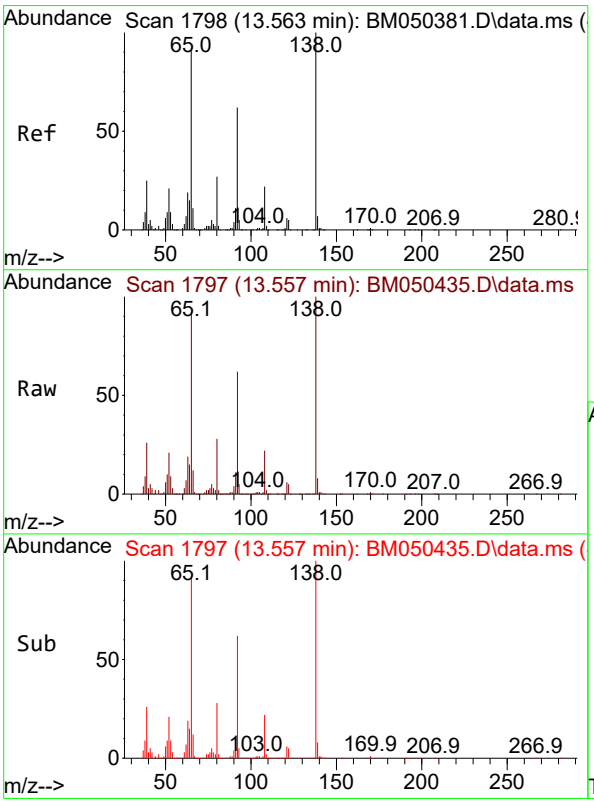
#47
2-Chloronaphthalene
Concen: 53.202 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:162 Resp: 2647719

Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.3	42.5
164	32.4	26.6	40.0

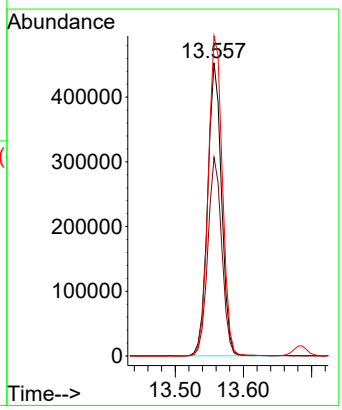


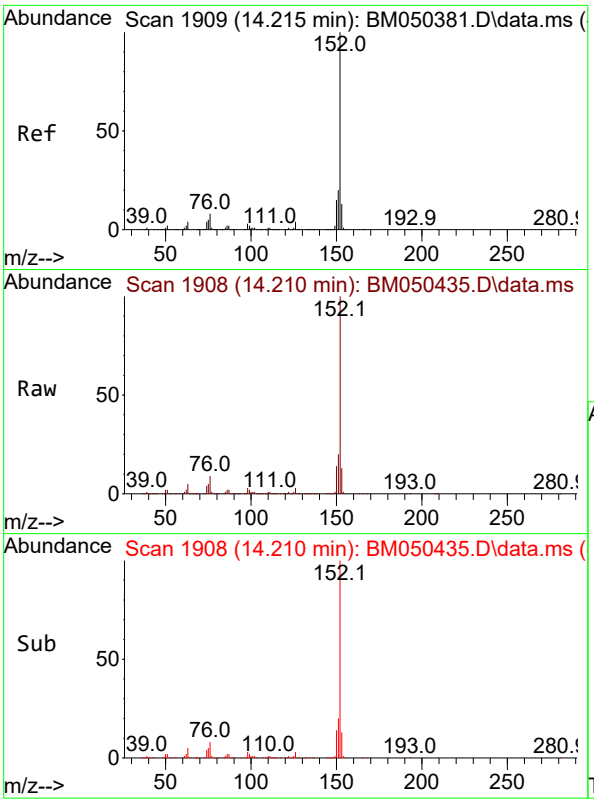


#48
2-Nitroaniline
Concen: 57.846 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion: 65 Resp: 642584

Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.3	81.5
138	109.2	87.8	131.6



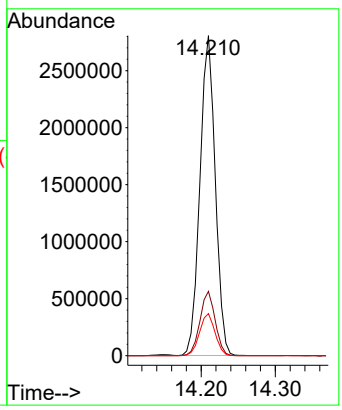


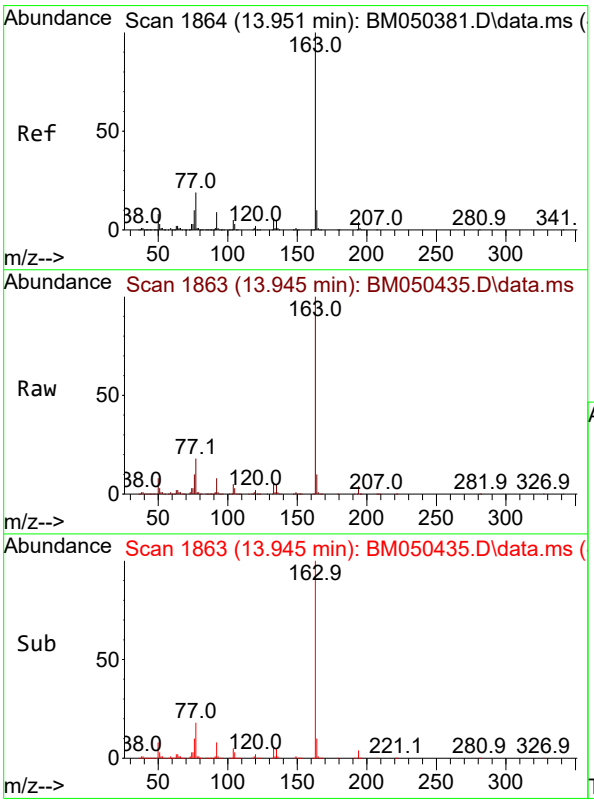
#49
Acenaphthylene
Concen: 53.650 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:152 Resp: 4035185

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.6	15.8

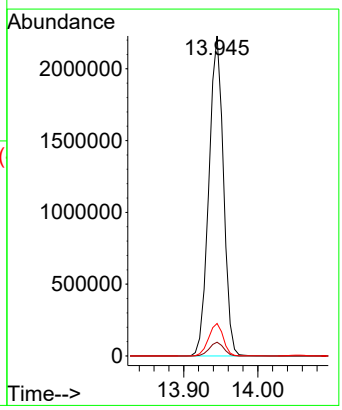


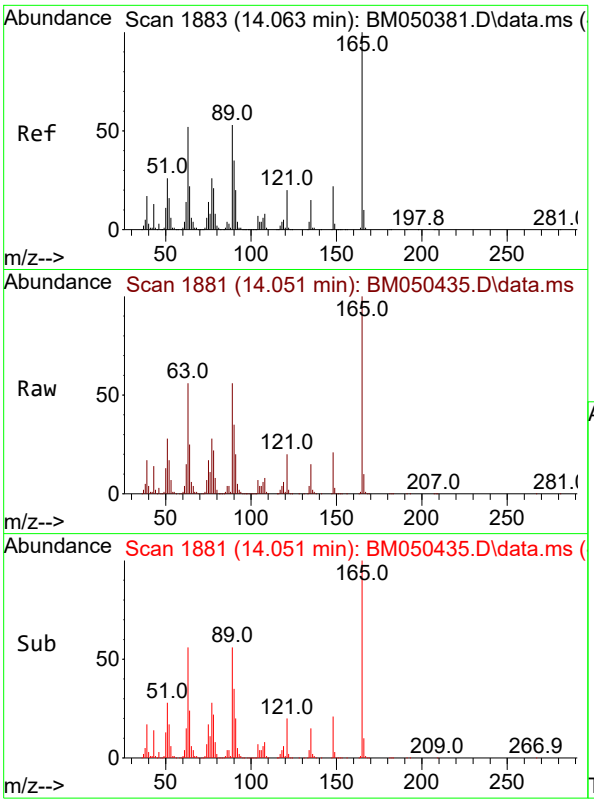


#50
Dimethylphthalate
Concen: 52.442 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:163 Resp: 3037517

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2



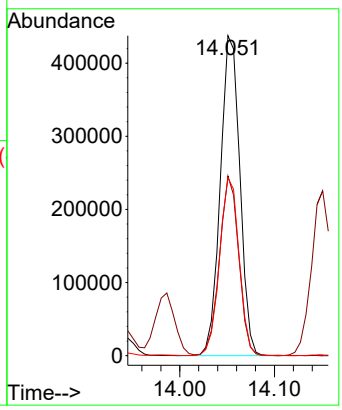


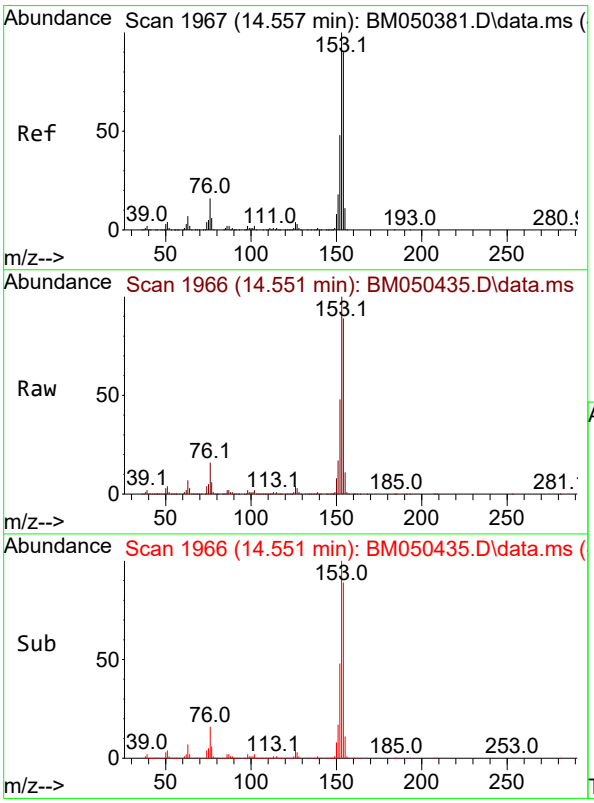
#51
2,6-Dinitrotoluene
Concen: 56.528 ng
RT: 14.051 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:165 Resp: 628654

Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.4	63.6
89	55.5	42.2	63.2

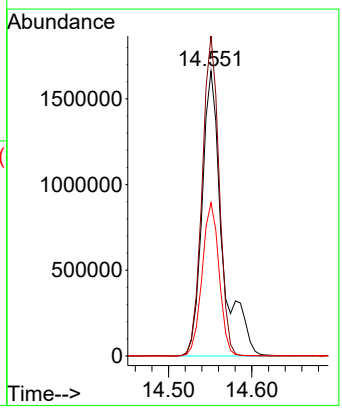


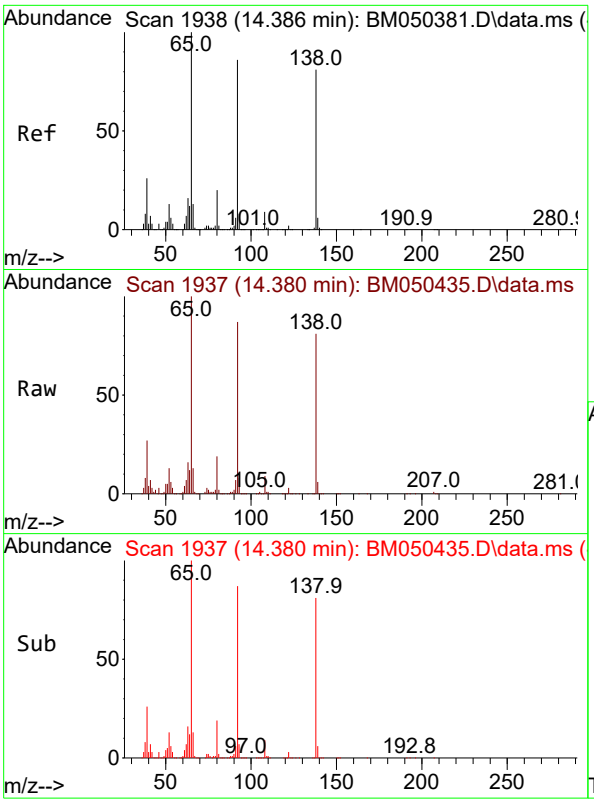


#52
Acenaphthene
Concen: 58.208 ng m
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:154 Resp: 2783323

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	53.8	42.6	64.0



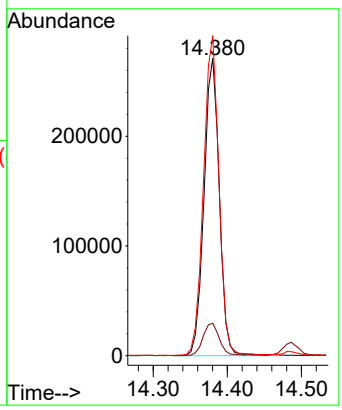


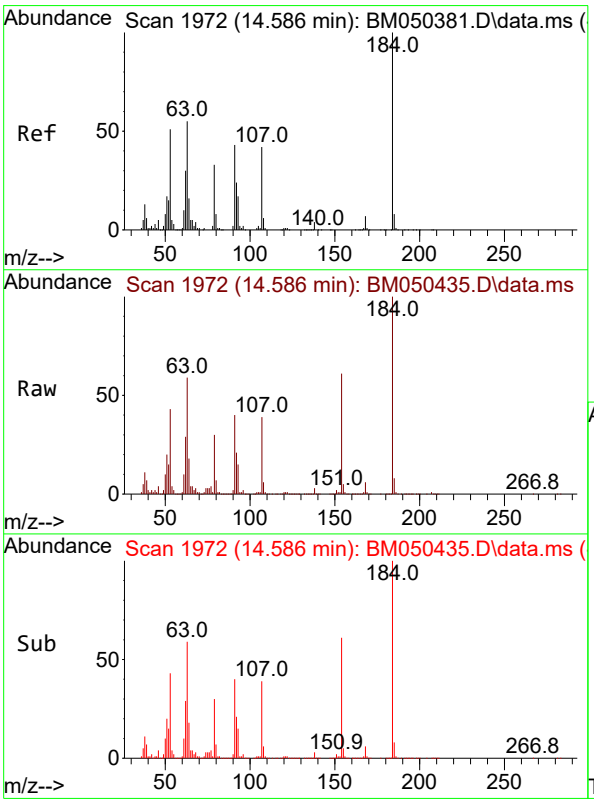
#53
3-Nitroaniline
Concen: 32.866 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:138 Resp: 388715

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	107.5	85.0	127.6

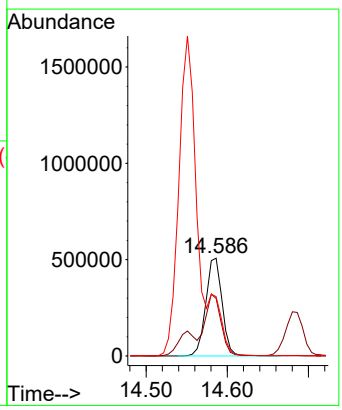


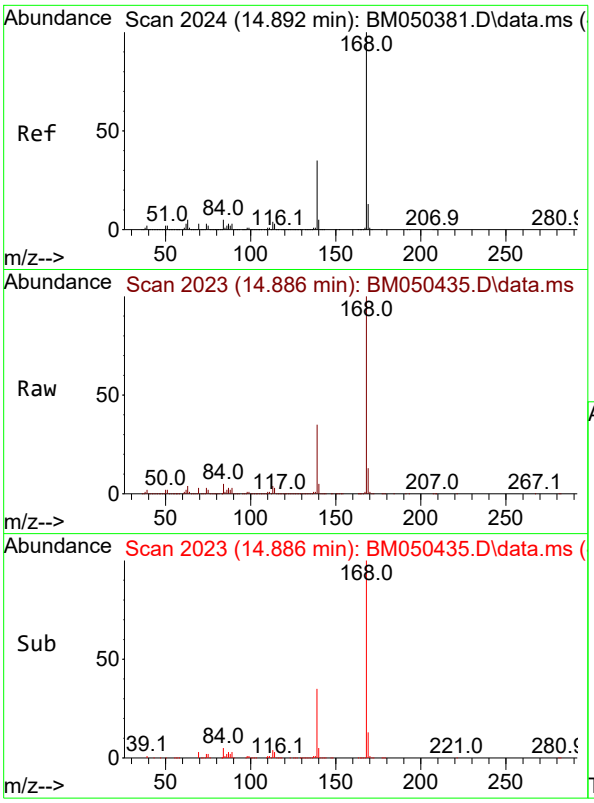


#54
2,4-Dinitrophenol
Concen: 112.451 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:184 Resp: 707416

Ion	Ratio	Lower	Upper
184	100		
63	58.8	53.4	80.0
154	60.7	61.6	92.4#



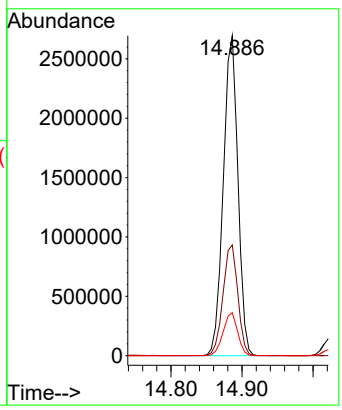


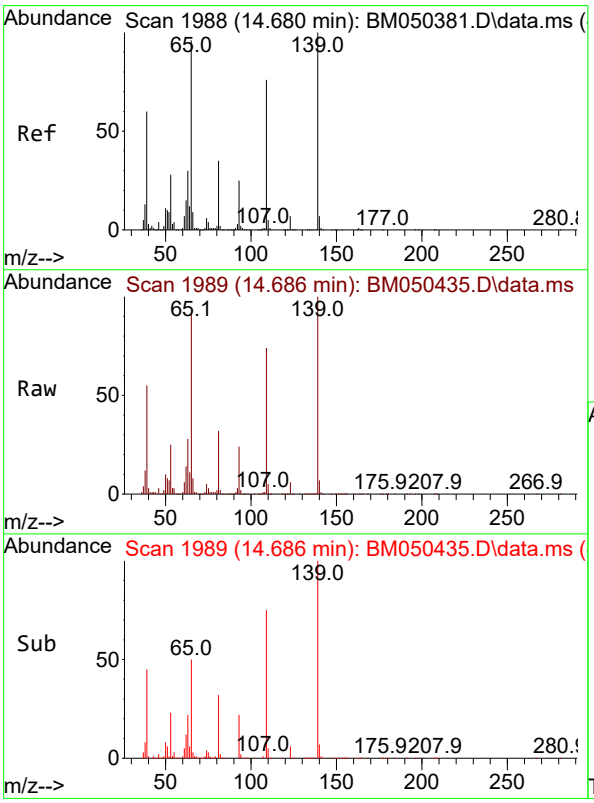
#55
Dibenzofuran
Concen: 52.051 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:168 Resp: 3834970

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.4	10.7	16.1

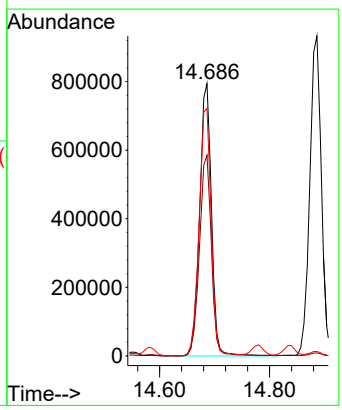


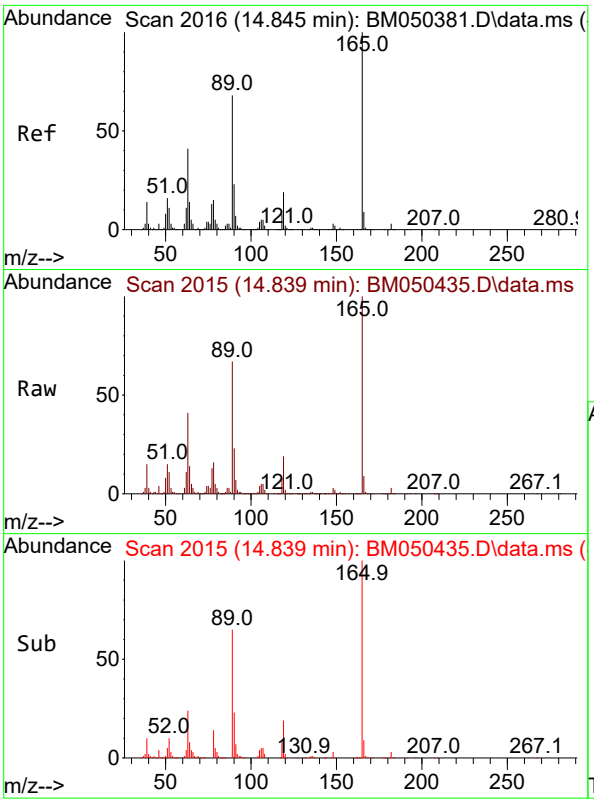


#56
4-Nitrophenol
Concen: 116.400 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:139 Resp: 1183901

Ion	Ratio	Lower	Upper
139	100		
109	73.7	56.5	96.5
65	90.9	76.4	116.4



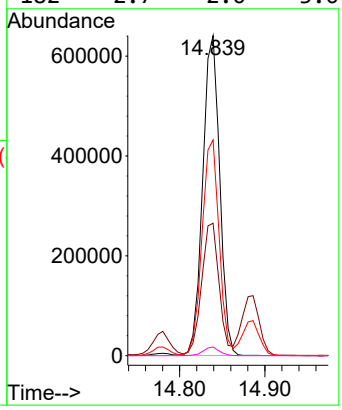


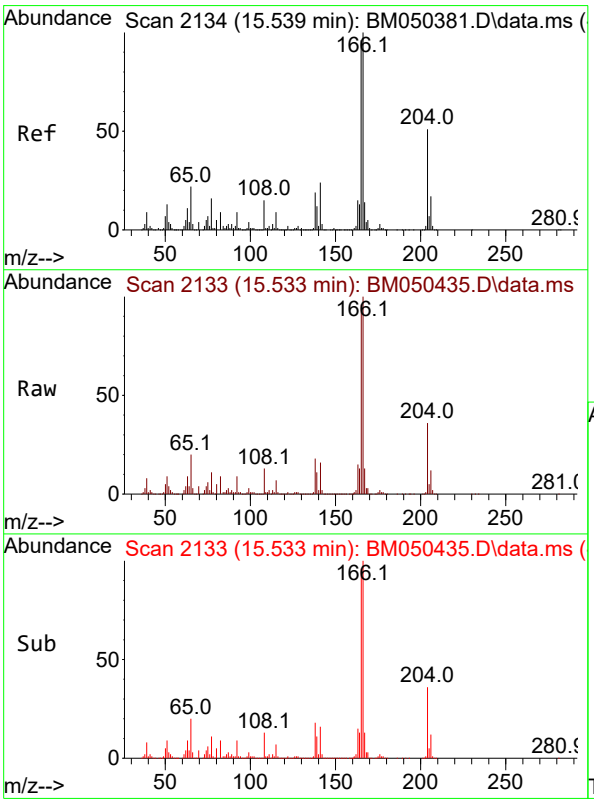
#57
2,4-Dinitrotoluene
Concen: 52.987 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:165 Resp: 887139

Ion	Ratio	Lower	Upper
165	100		
63	41.4	32.5	48.7
89	67.4	54.0	81.0
182	2.7	2.0	3.0

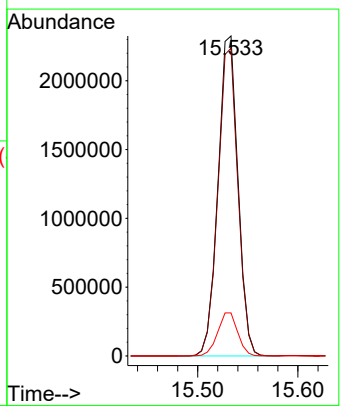


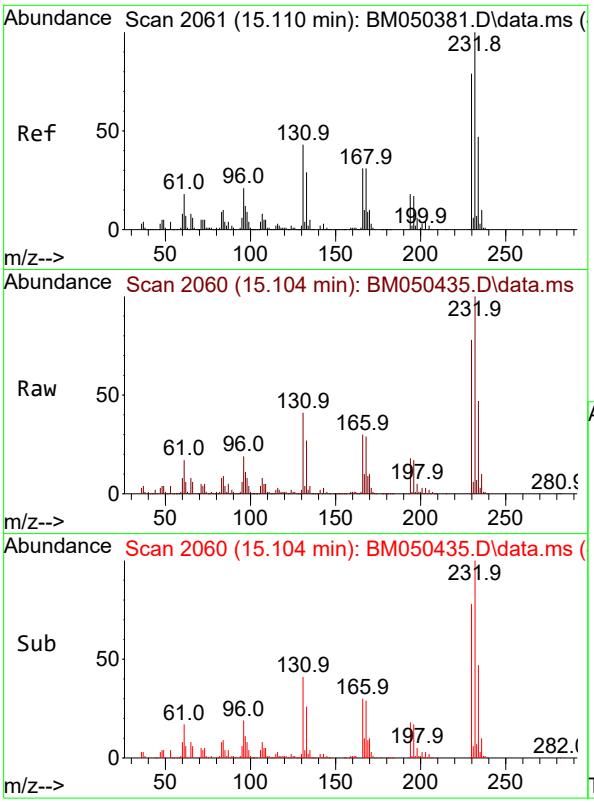


#58
Fluorene
Concen: 52.981 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:166 Resp: 3215169

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.5	10.9	16.3



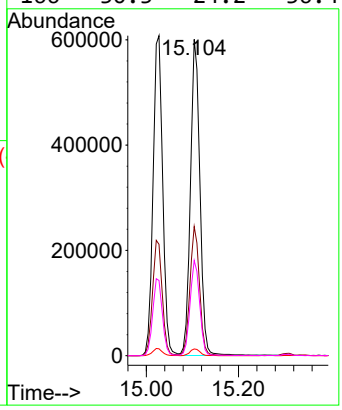


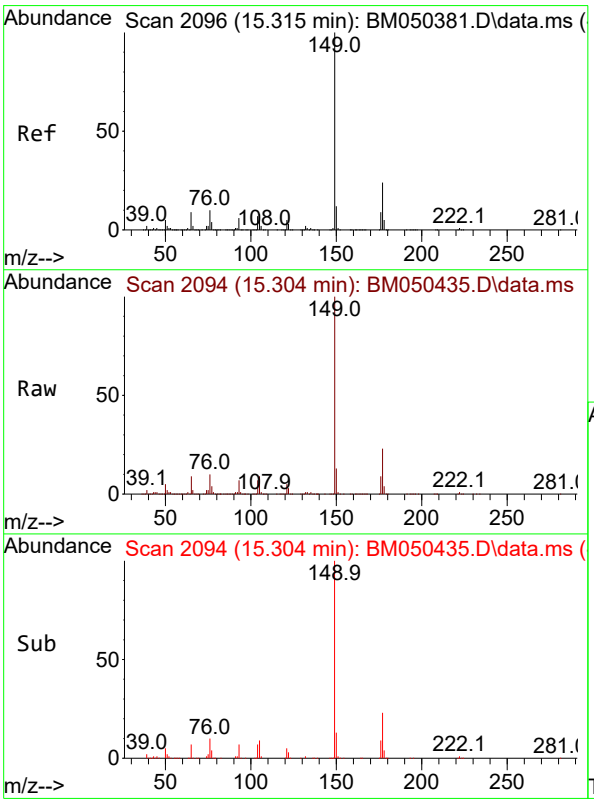
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.441 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:232 Resp: 854524

Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.4	50.0
130	2.3	1.8	2.6
166	30.3	24.2	36.4

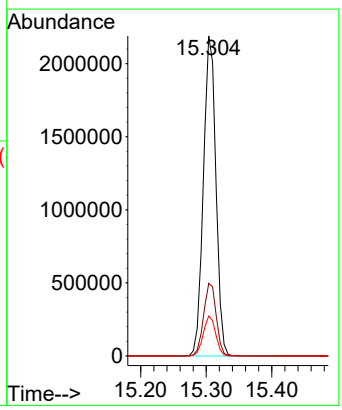


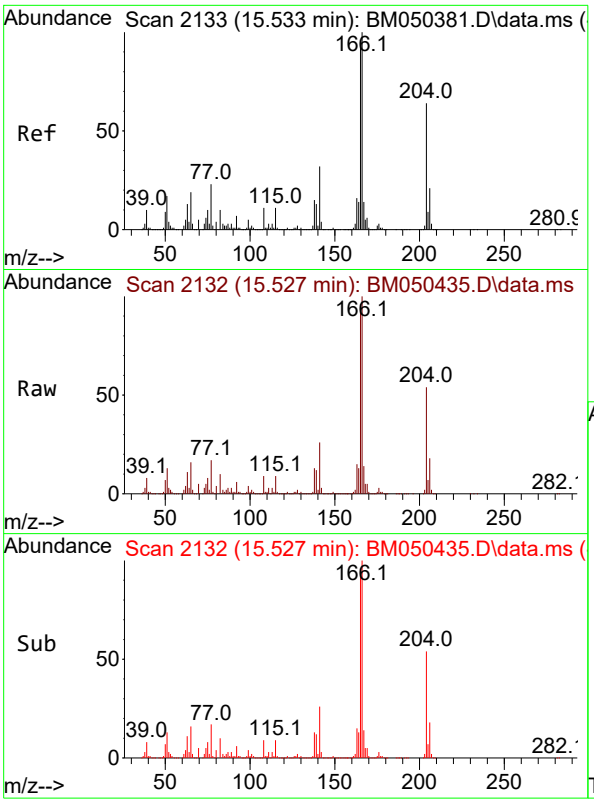


#60
Diethylphthalate
Concen: 52.545 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 2907229

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.8	28.2
150	12.5	9.8	14.8



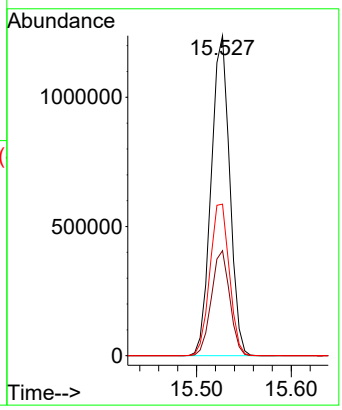


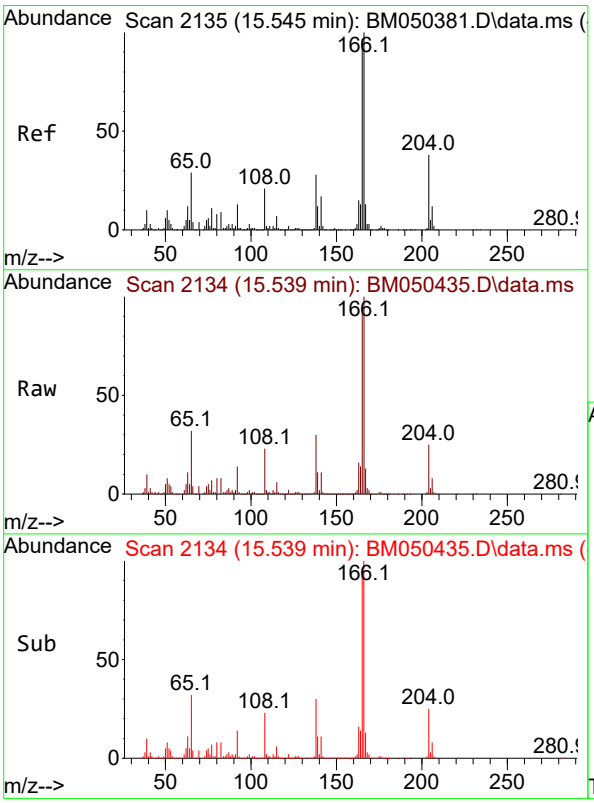
#61
4-Chlorophenyl-phenylether
Concen: 52.938 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:204 Resp: 1679835

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	47.4	39.9	59.9

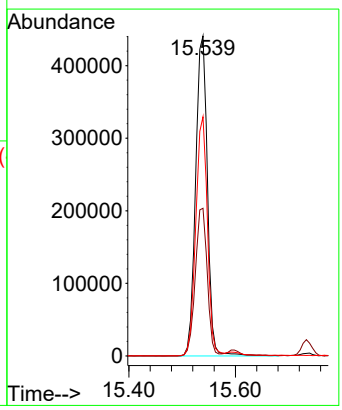


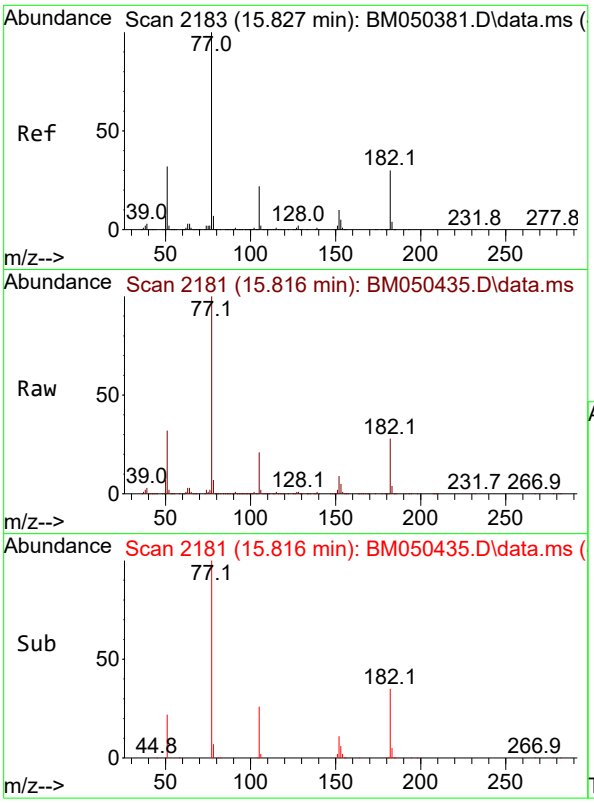


#62
4-Nitroaniline
Concen: 49.732 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:138 Resp: 677557

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	74.7	52.5	92.5



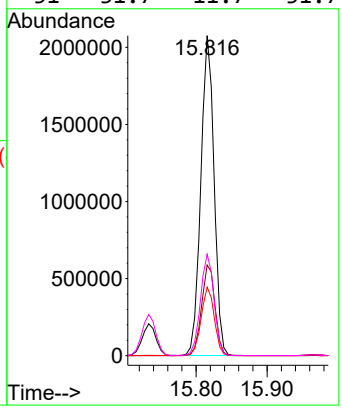


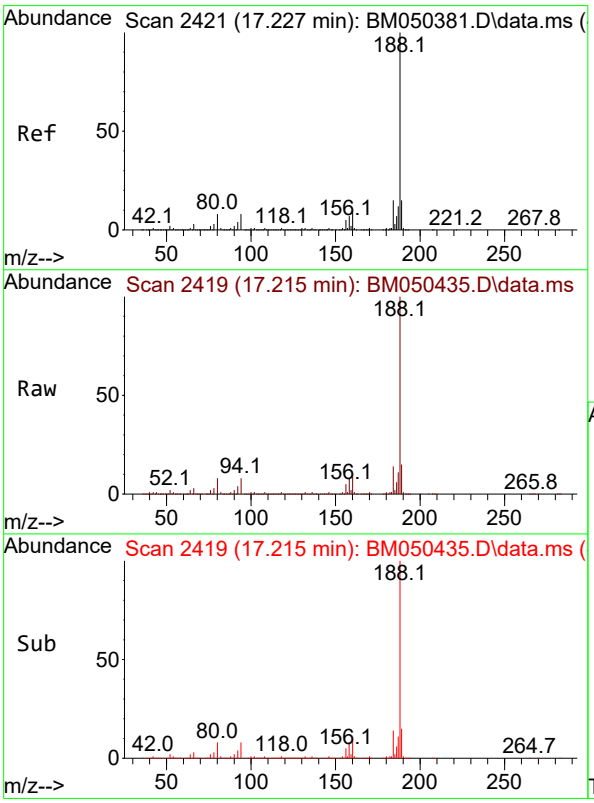
#63
Azobenzene
Concen: 53.132 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion: 77 Resp: 2699381

Ion	Ratio	Lower	Upper
77	100		
182	28.4	10.0	50.0
105	21.4	2.0	42.0
51	31.7	11.7	51.7

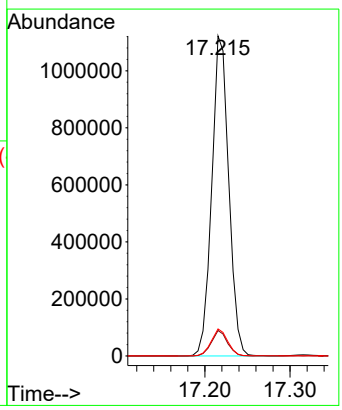


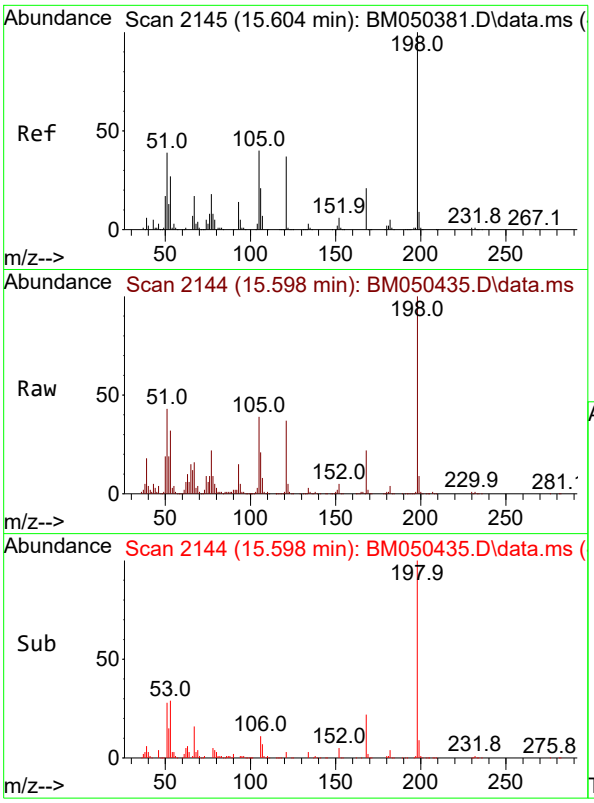


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:188 Resp: 1550470

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.0	9.0
80	8.5	6.5	9.7



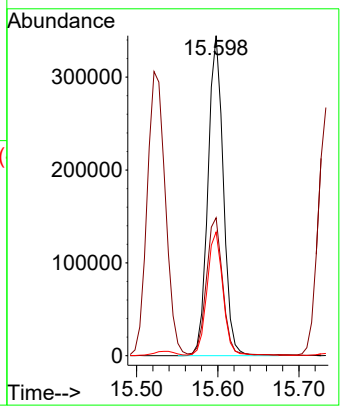


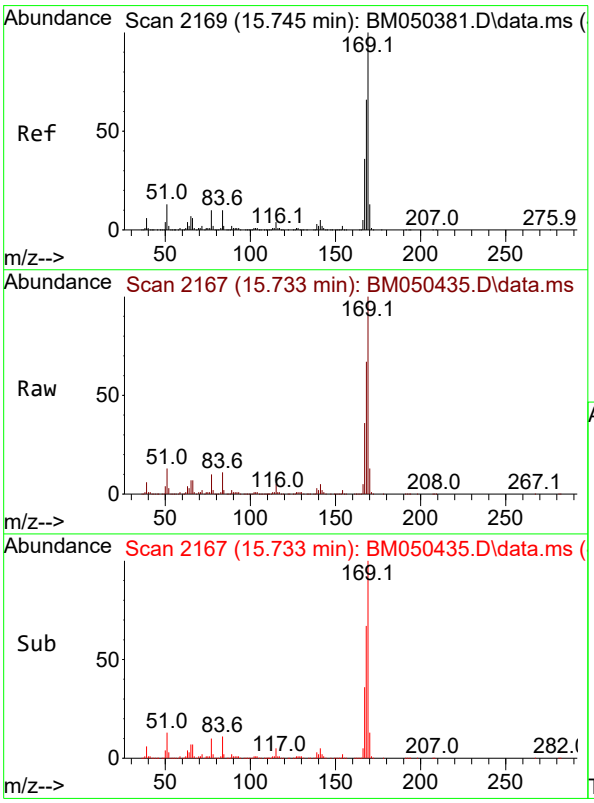
#65
4,6-Dinitro-2-methylphenol
Concen: 53.419 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:198 Resp: 452187

Ion	Ratio	Lower	Upper
198	100		
51	43.1	26.6	66.6
105	38.6	20.9	60.9

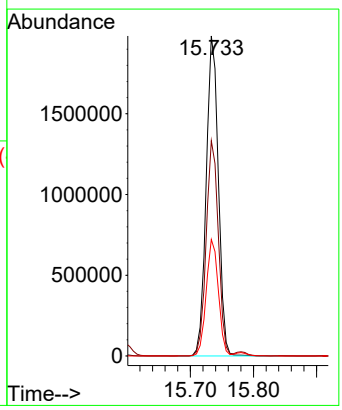


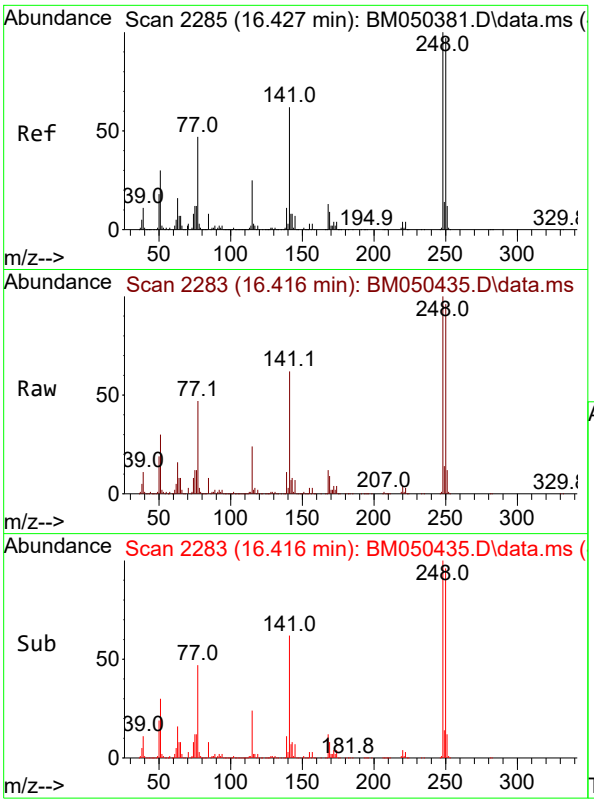


#66
n-Nitrosodiphenylamine
Concen: 54.516 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:169 Resp: 2644917

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.4	28.7	43.1



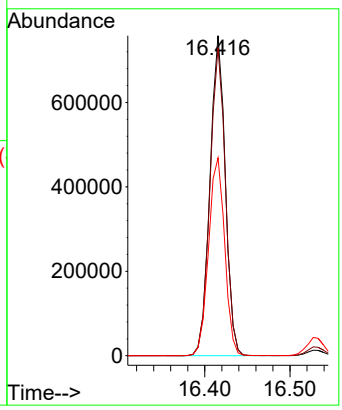


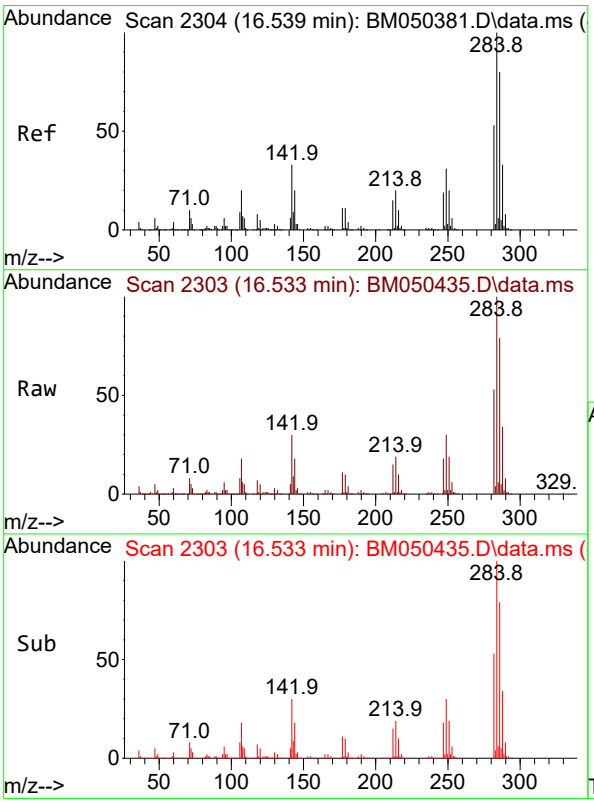
#67
4-Bromophenyl-phenylether
Concen: 55.664 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:248 Resp: 950891

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.9	116.9
141	61.8	49.7	74.5

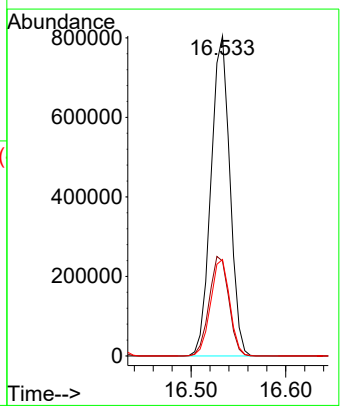


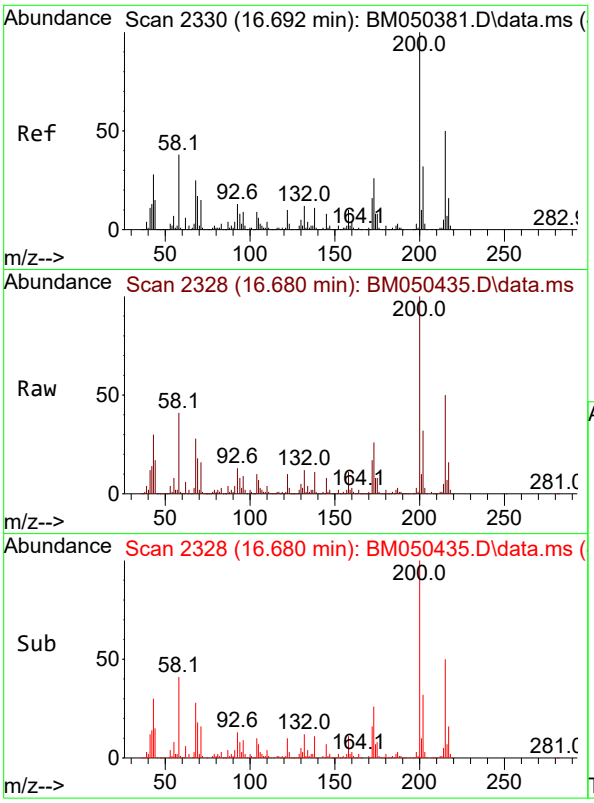


#68
Hexachlorobenzene
Concen: 55.050 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:284 Resp: 1110677

Ion	Ratio	Lower	Upper
284	100		
142	29.6	26.8	40.2
249	30.2	24.5	36.7



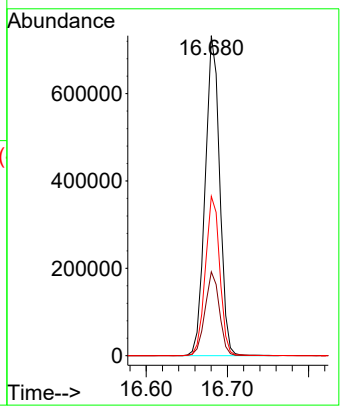


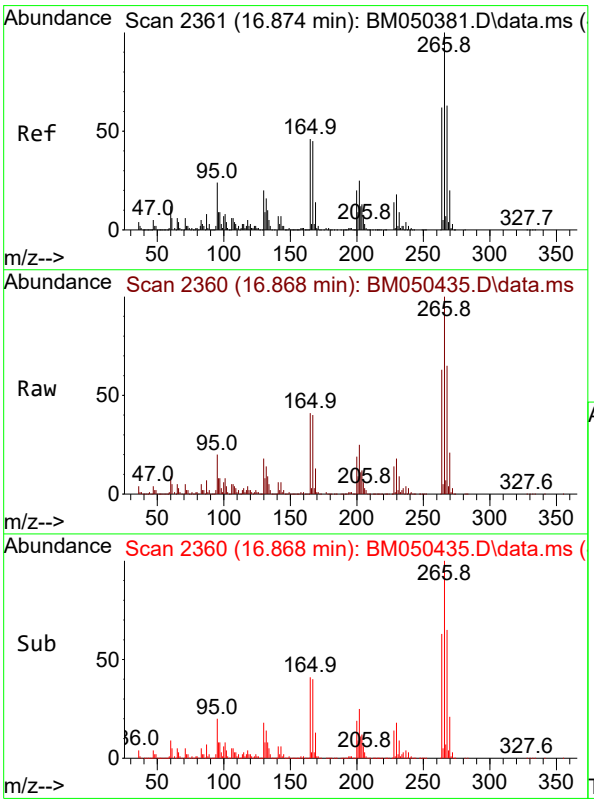
#69
Atrazine
Concen: 56.882 ng
RT: 16.680 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:200 Resp: 906206

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.6	45.6
215	49.8	29.6	69.6

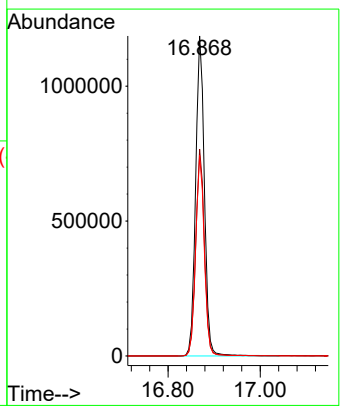


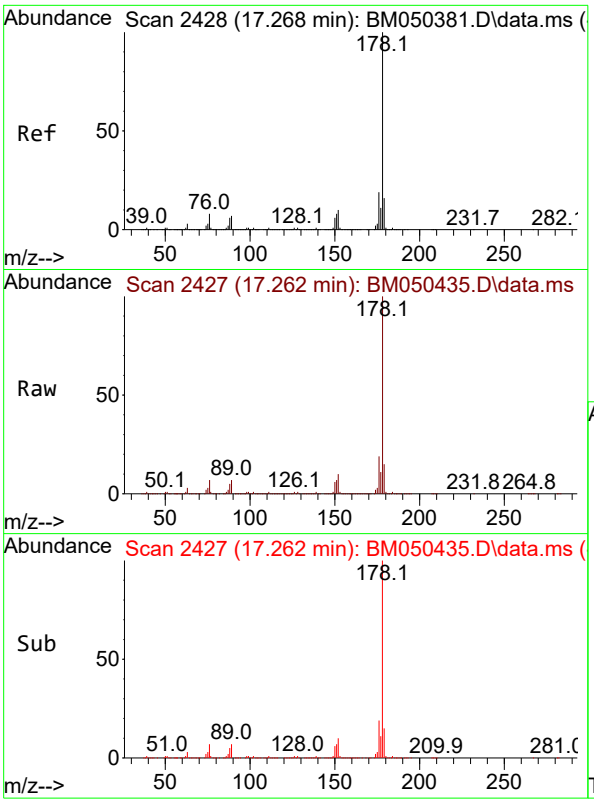


#70
Pentachlorophenol
Concen: 124.193 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:266 Resp: 1559824

Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.5	75.7
264	62.7	49.9	74.9



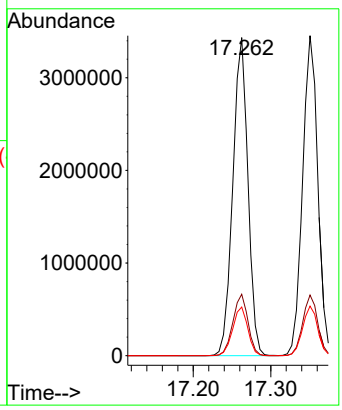


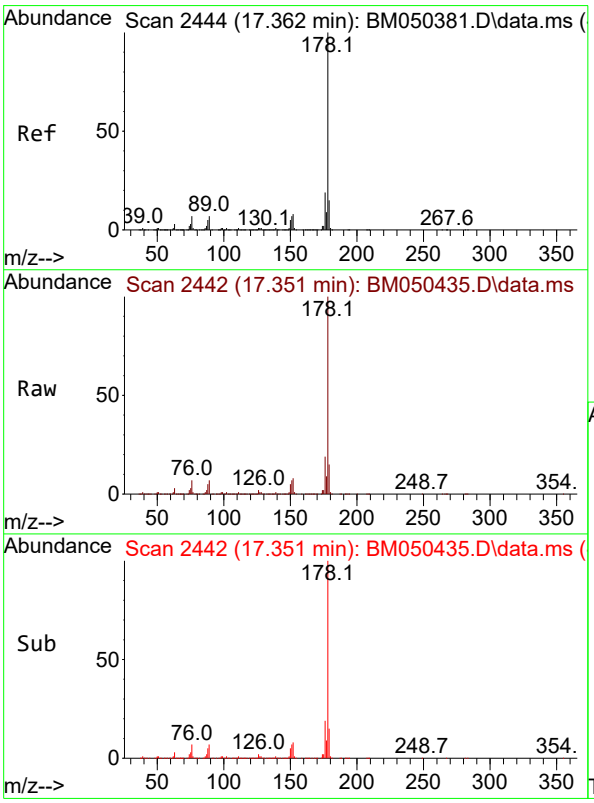
#71
Phenanthrene
Concen: 53.179 ng
RT: 17.262 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:178 Resp: 4665654

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.5	18.7

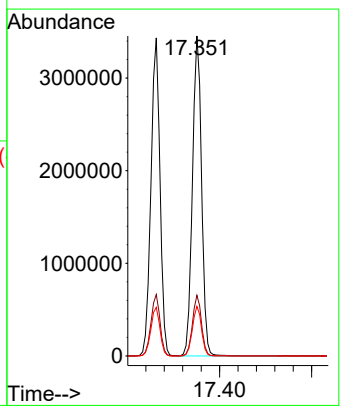


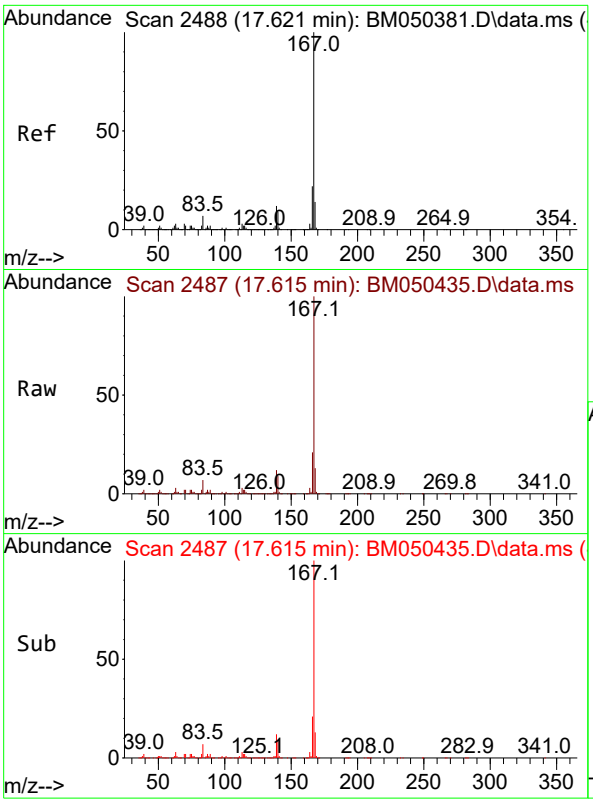


#72
Anthracene
Concen: 54.286 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:178 Resp: 4740823

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.5	12.2	18.4



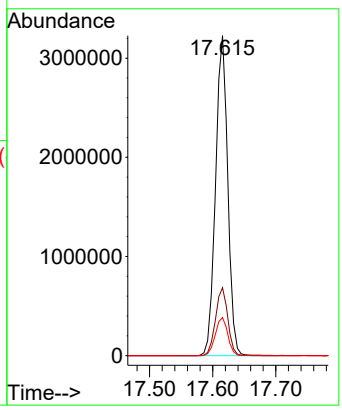


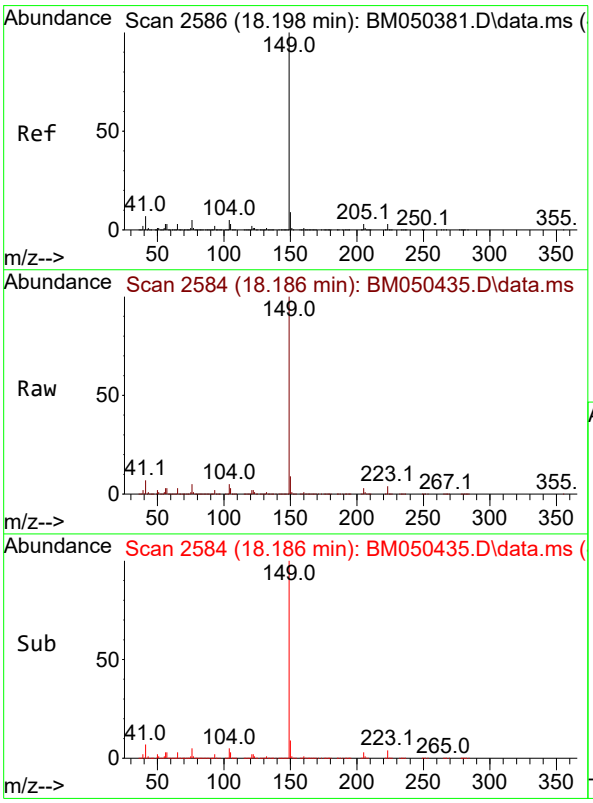
#73
Carbazole
Concen: 54.767 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:167 Resp: 4327649

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.9	9.9	14.9

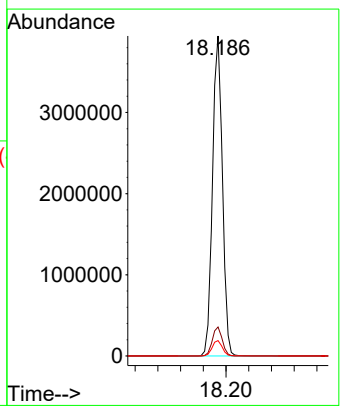


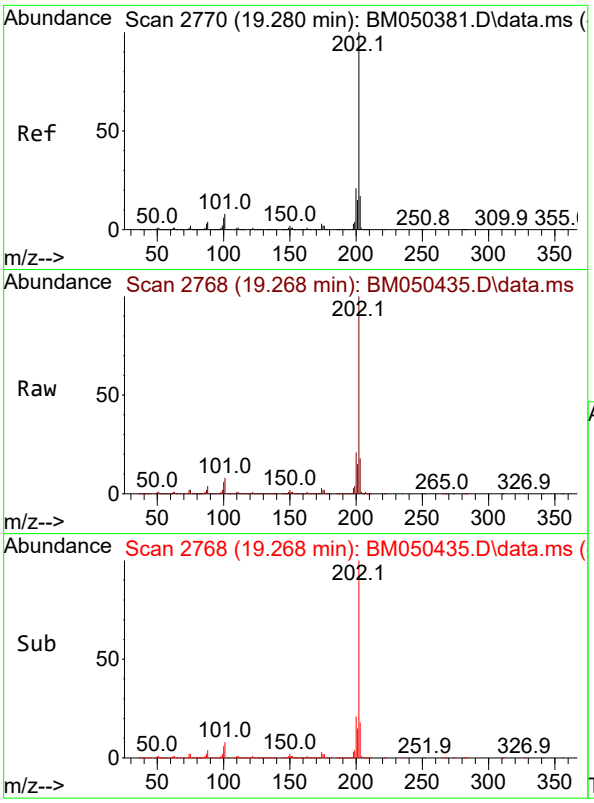


#74
Di-n-butylphthalate
Concen: 54.857 ng
RT: 18.186 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 4744543

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.8	3.9	5.9



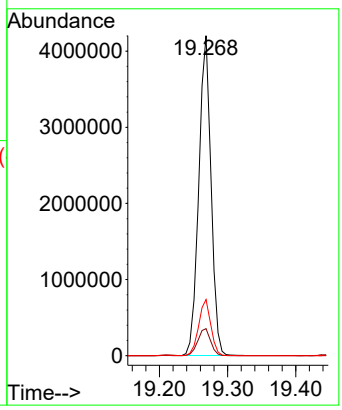


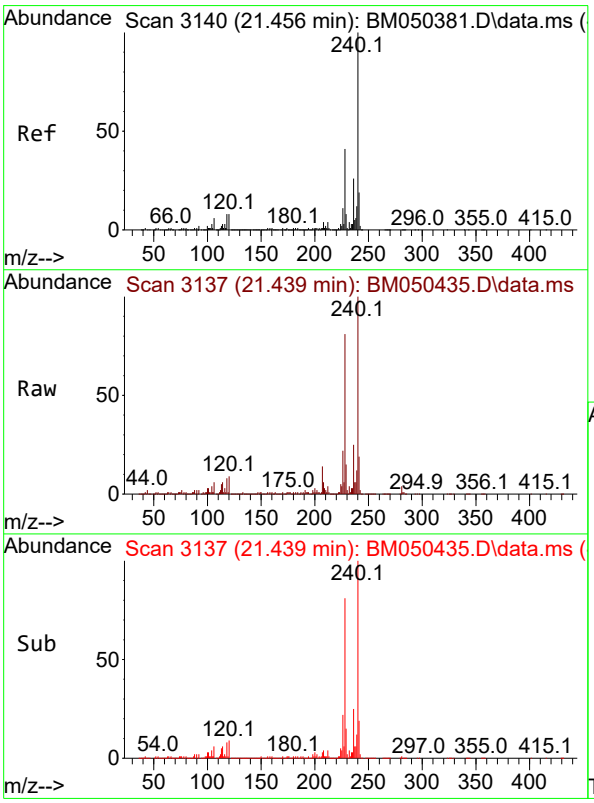
#75
Fluoranthene
Concen: 55.035 ng
RT: 19.268 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:202 Resp: 5249120

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	17.6	0.0	37.2

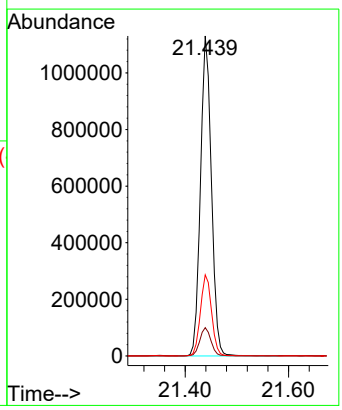


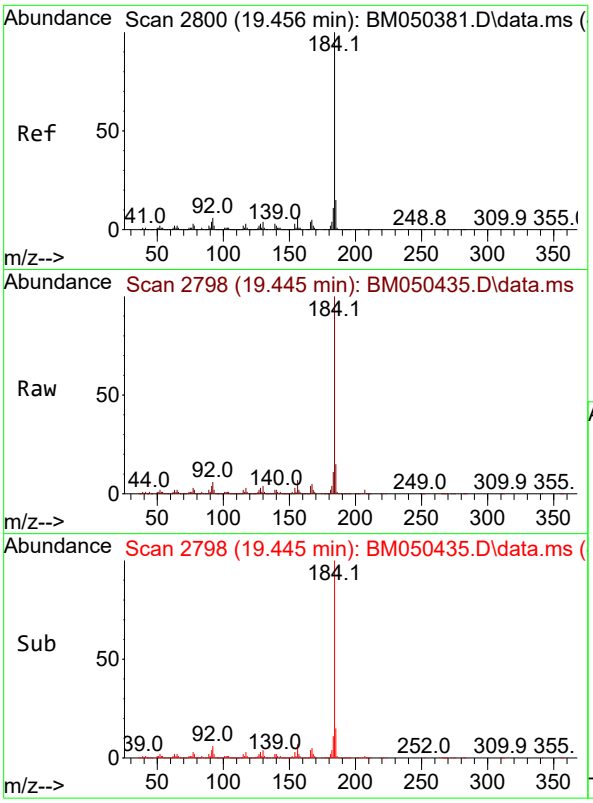


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:240 Resp: 1658930

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	25.4	20.7	31.1



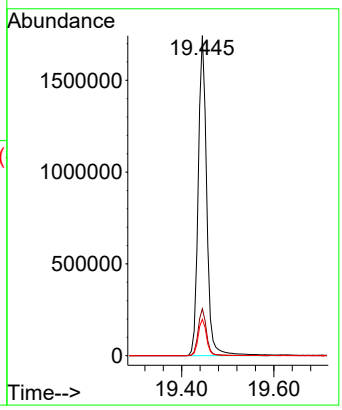


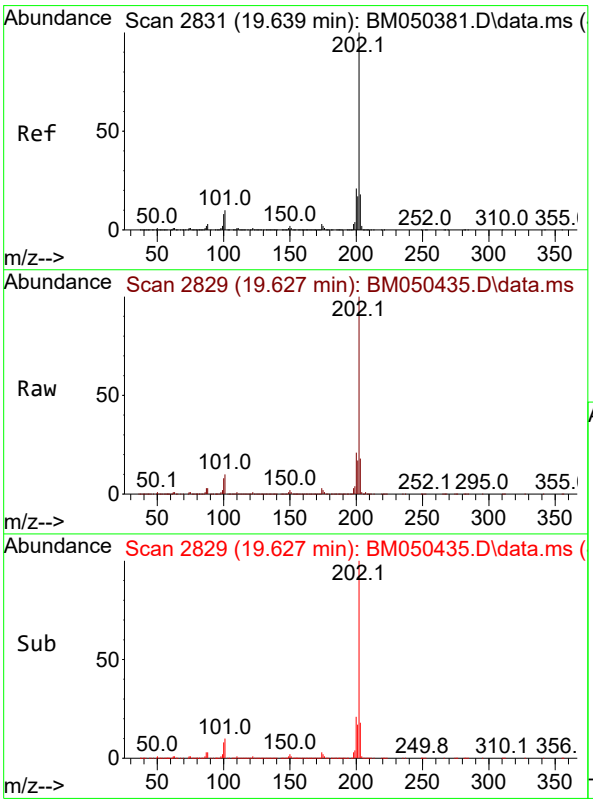
#77
Benzidine
Concen: 52.777 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:184 Resp: 2233181

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.4	9.0	13.6

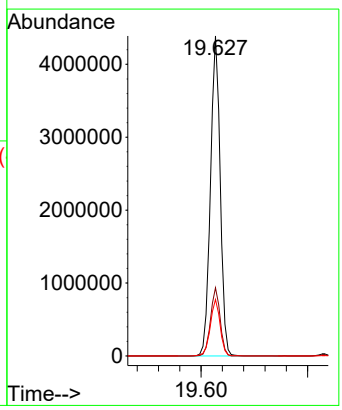


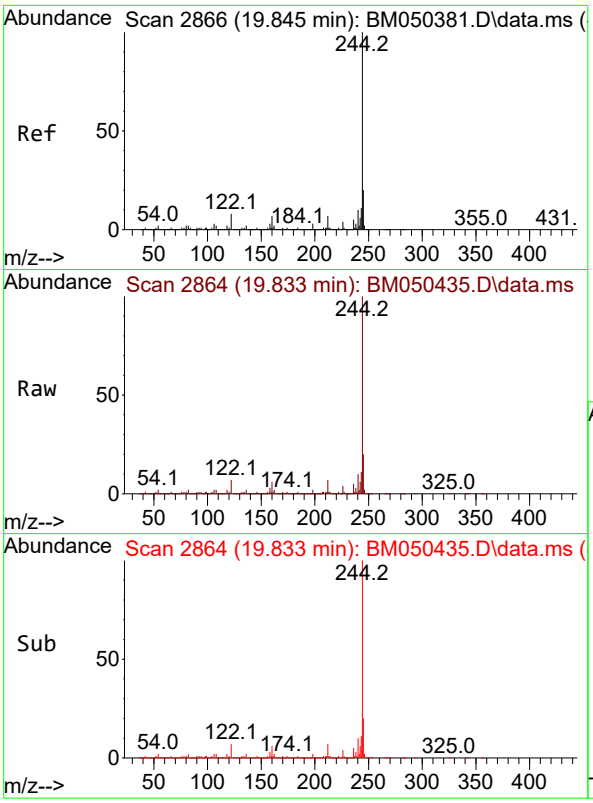


#78
Pyrene
Concen: 52.333 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:202 Resp: 5560223

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.7	14.1	21.1



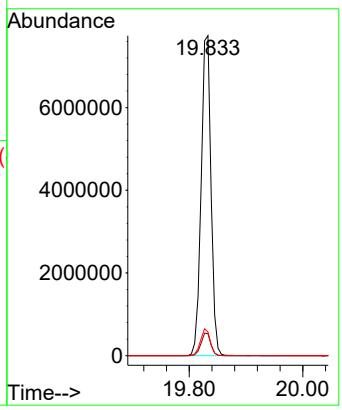


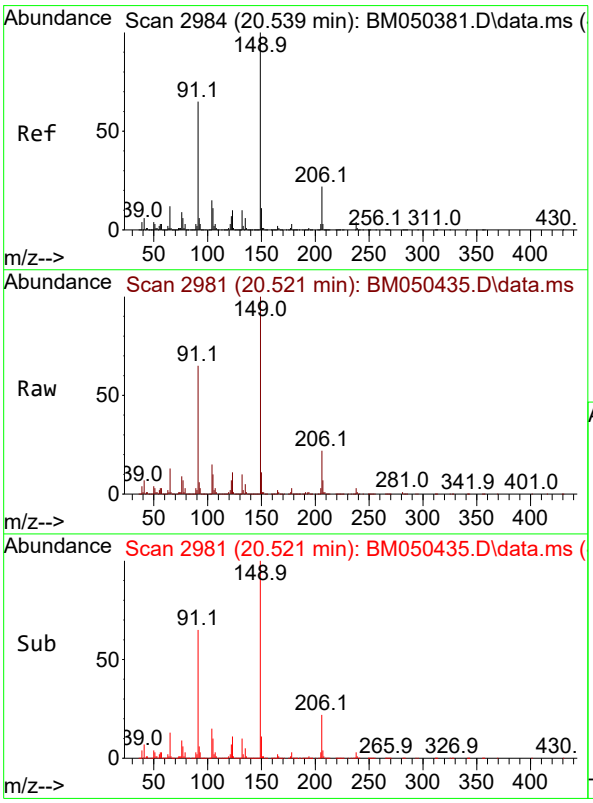
#79
Terphenyl-d14
Concen: 98.674 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:244 Resp: 9303616

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.4	6.2	9.2

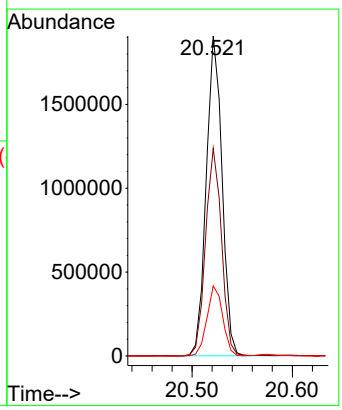


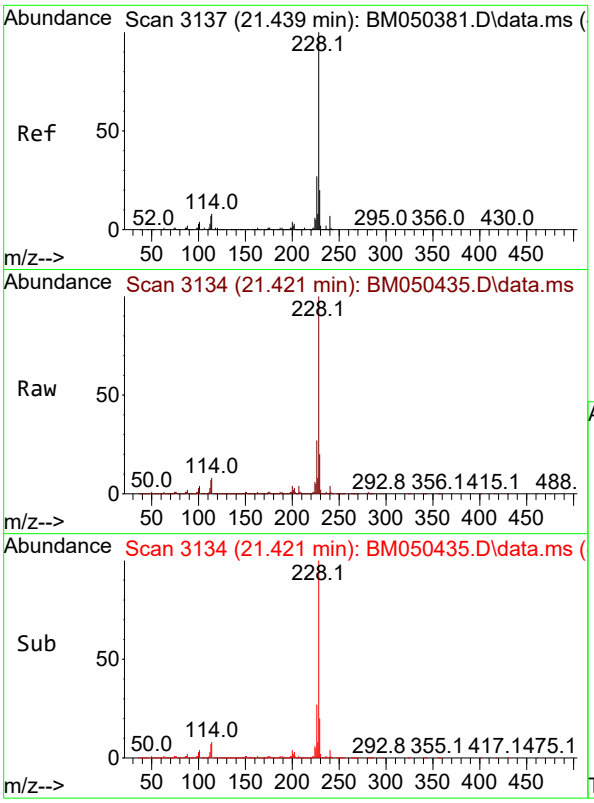


#80
Butylbenzylphthalate
Concen: 59.863 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.017 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 2097151

Ion	Ratio	Lower	Upper
149	100		
91	64.9	51.6	77.4
206	21.9	17.8	26.8



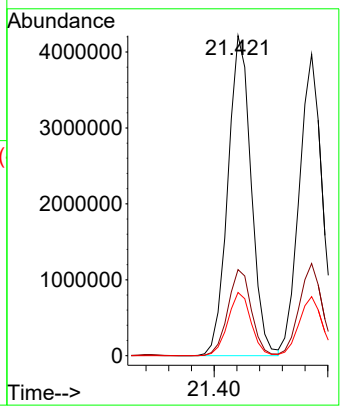


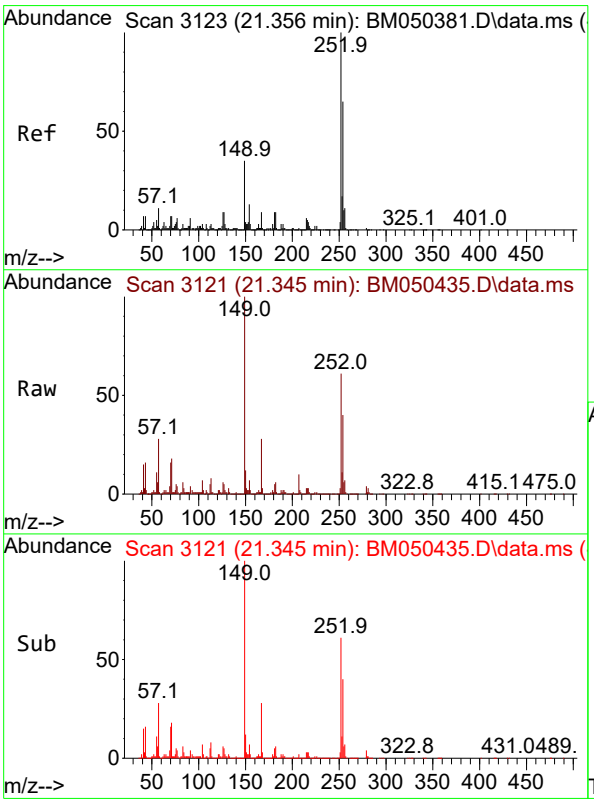
#81
Benzo(a)anthracene
Concen: 55.520 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:228 Resp: 6001174

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.7	16.0	24.0

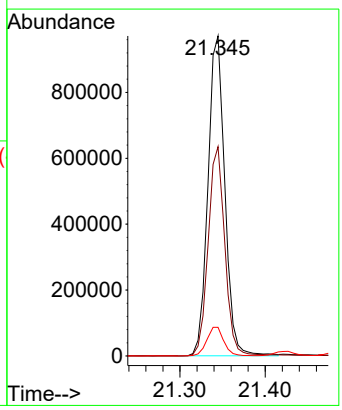


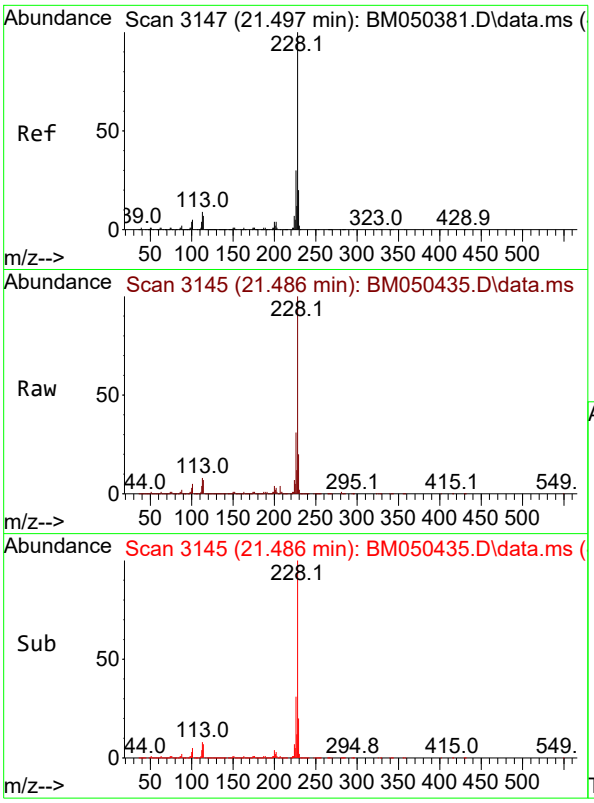


#82
3,3'-Dichlorobenzidine
Concen: 36.617 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:252 Resp: 1334742

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	8.9	7.3	10.9



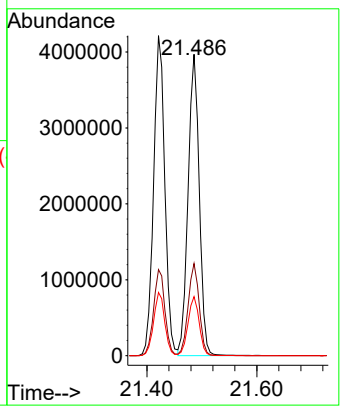


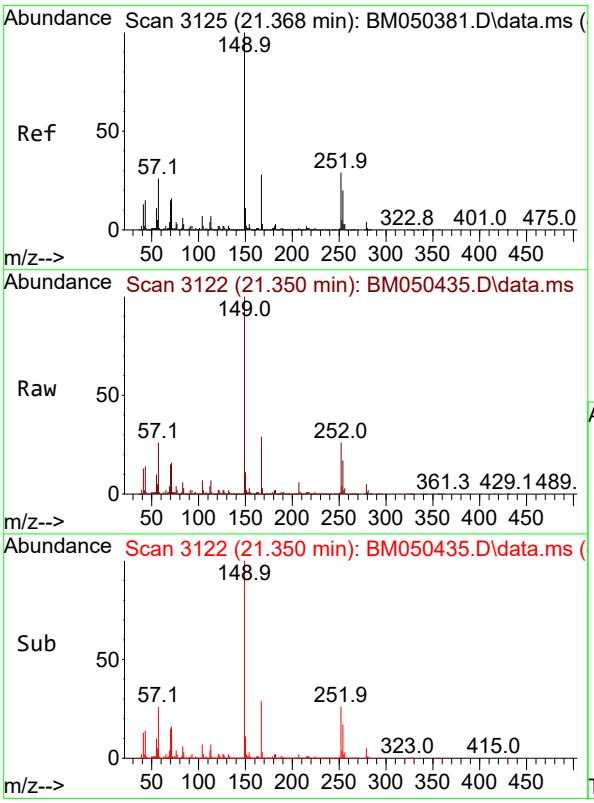
#83
Chrysene
Concen: 54.784 ng
RT: 21.486 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:228 Resp: 5585343

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.6	15.8	23.6

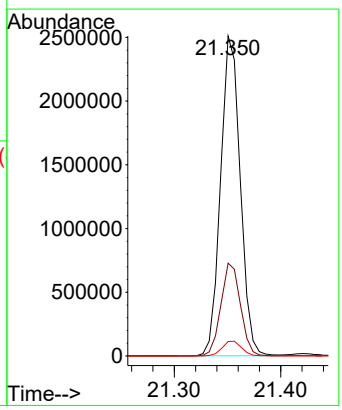


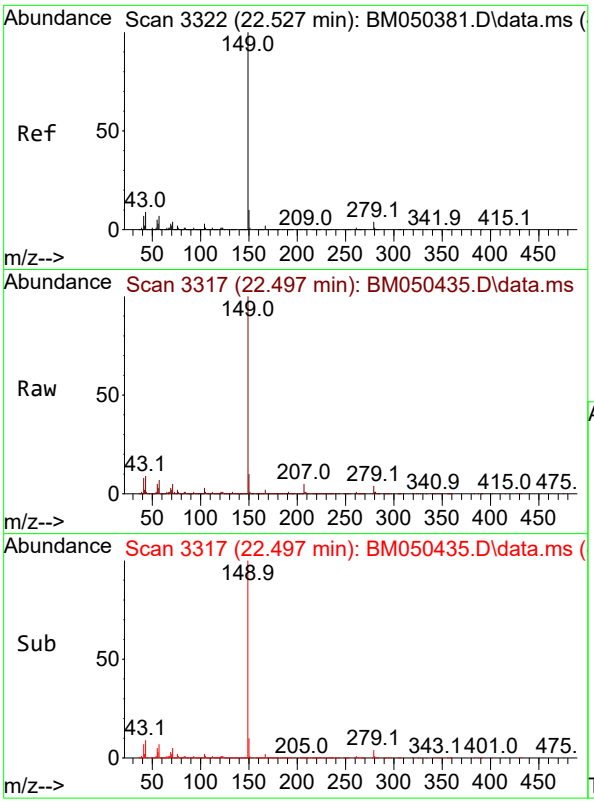


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.733 ng
RT: 21.350 min Scan# 3122
Delta R.T. -0.017 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:149 Resp: 3210717

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.7	34.1
279	4.5	3.5	5.3



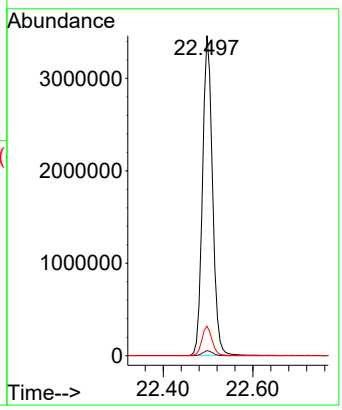


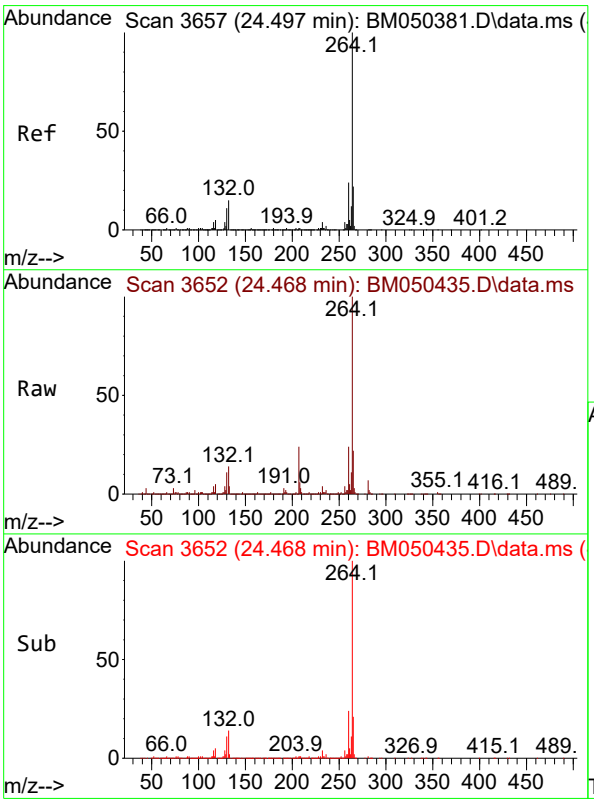
#85
Di-n-octyl phthalate
Concen: 61.524 ng
RT: 22.497 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:149 Resp: 5358933

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

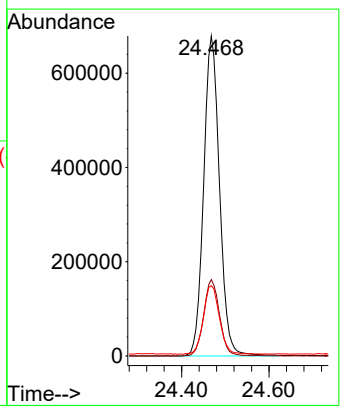


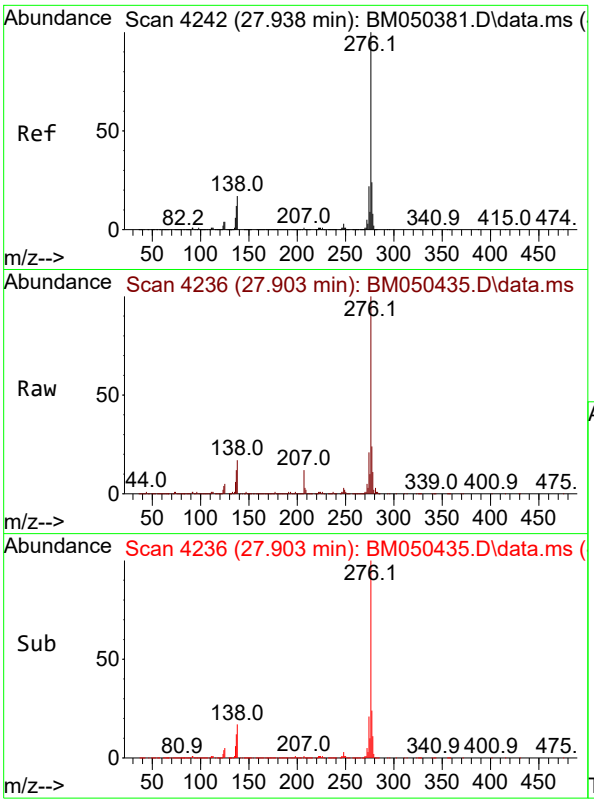


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:264 Resp: 1714878

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.8	26.6



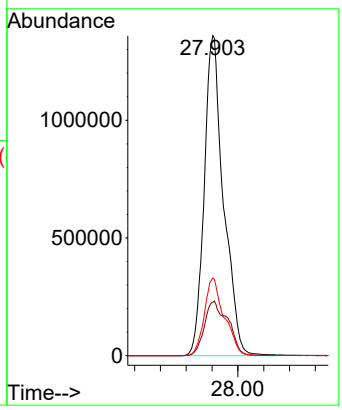


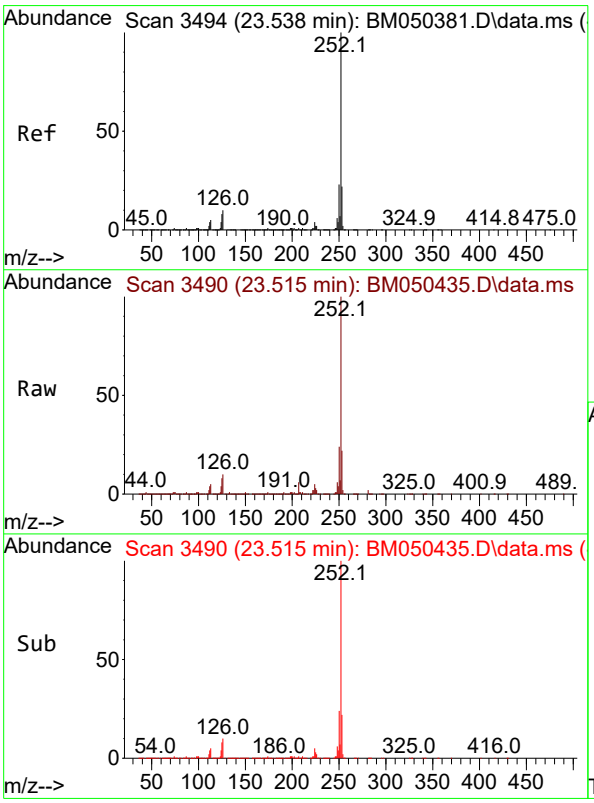
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.930 ng
RT: 27.903 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:276 Resp: 7063224

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.6
277	25.0	20.0	30.0

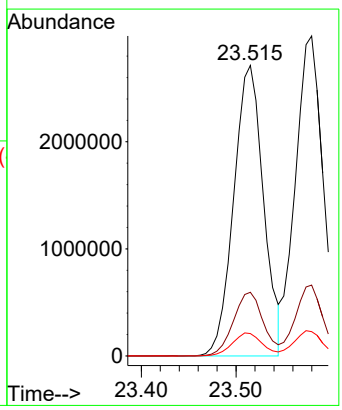


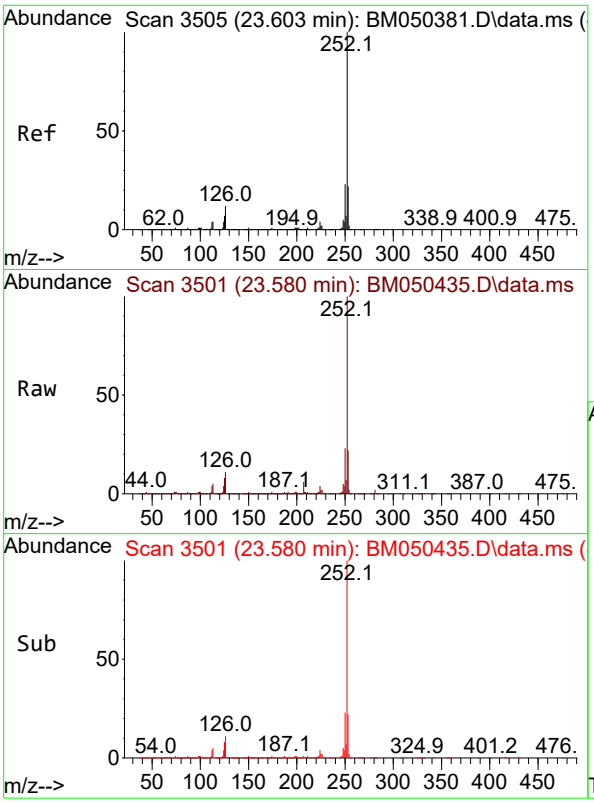


#88
Benzo(b)fluoranthene
Concen: 56.163 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.023 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:252 Resp: 5924153

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.7	6.3	9.5



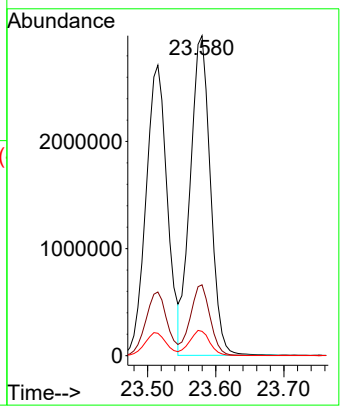


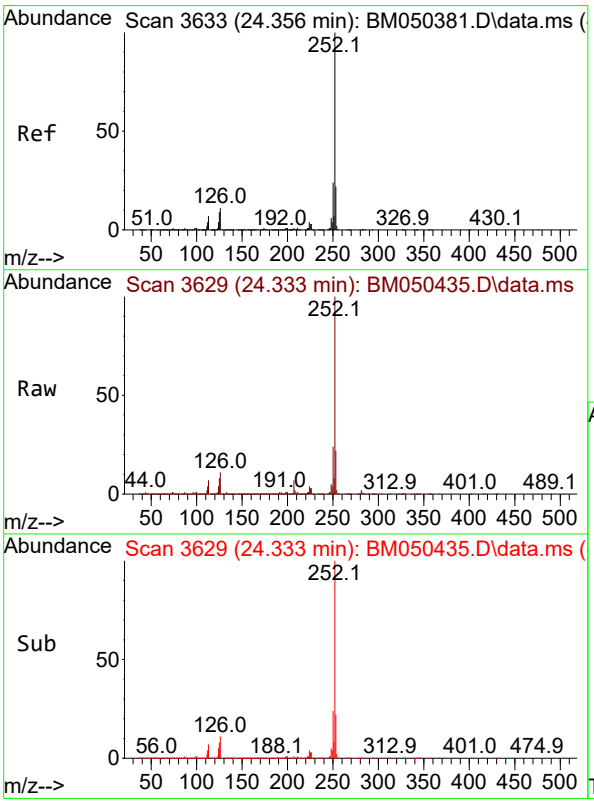
#89
Benzo(k)fluoranthene
Concen: 55.801 ng
RT: 23.580 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:252 Resp: 6107434

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.6	6.2	9.2

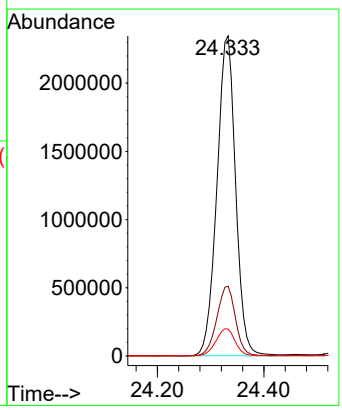


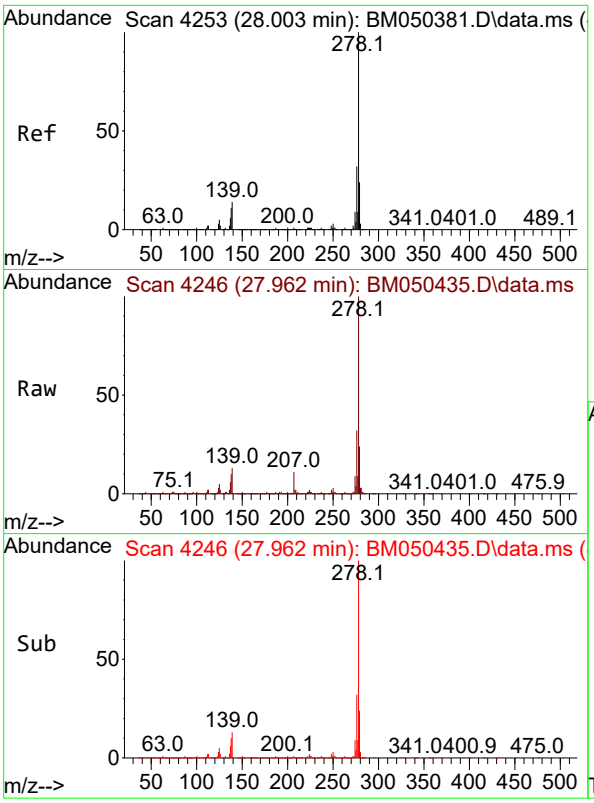


#90
Benzo(a)pyrene
Concen: 57.808 ng
RT: 24.333 min Scan# 3629
Delta R.T. -0.023 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:252 Resp: 5708080

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.4	7.0	10.4



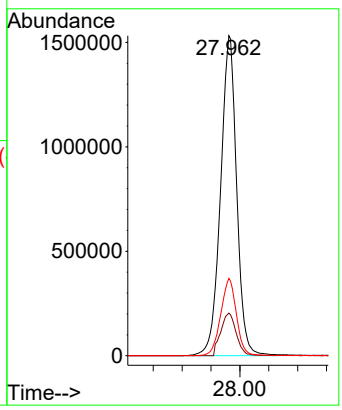


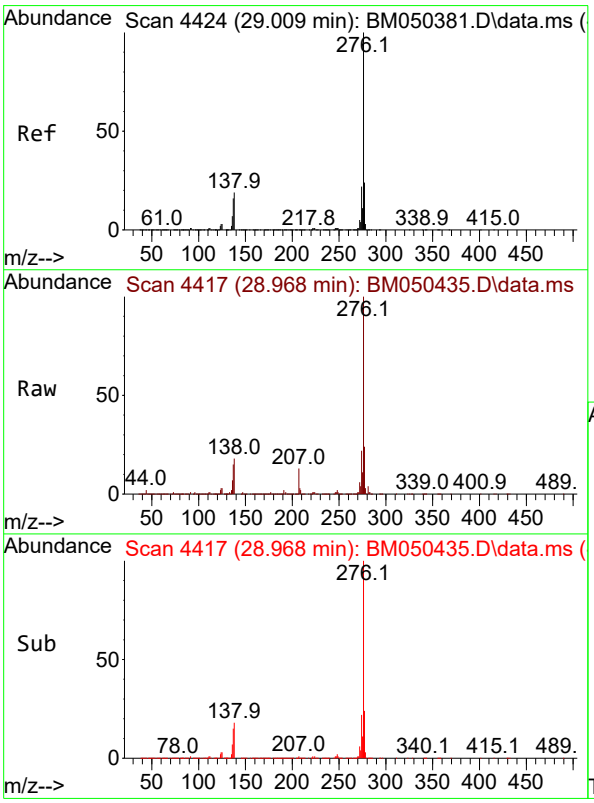
#91
Dibenzo(a,h)anthracene
Concen: 57.737 ng
RT: 27.962 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Instrument :
BNA_M
ClientSampleId :
PB168816BSD

Tgt Ion:278 Resp: 5928579

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.8	16.2
279	24.2	19.4	29.0

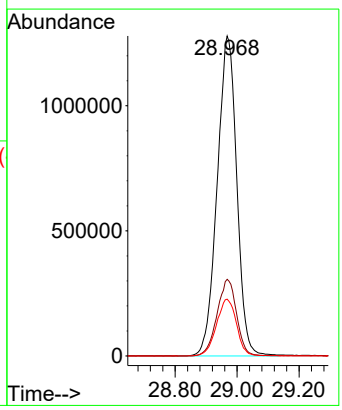




#92
Benzo(g,h,i)perylene
Concen: 57.795 ng
RT: 28.968 min Scan# 4417
Delta R.T. -0.041 min
Lab File: BM050435.D
Acq: 14 Jul 2025 20:55

Tgt Ion:276 Resp: 5608837

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.7	14.9	22.3



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Manual Integration Report

Sequence:	BM070925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM050379.D	Benzaldehyde	Rahul	7/9/2025 9:47:39 AM	Jagrut	7/9/2025 2:15:18 PM	Peak Integrated by Software
SSTDICC020	BM050380.D	Benzaldehyde	Rahul	7/9/2025 9:47:42 AM	Jagrut	7/9/2025 2:15:21 PM	Peak Integrated by Software
SSTDICCC040	BM050381.D	Benzaldehyde	Rahul	7/9/2025 9:47:45 AM	Jagrut	7/9/2025 2:15:23 PM	Peak Integrated by Software
SSTDICC050	BM050382.D	Benzaldehyde	Rahul	7/9/2025 9:47:47 AM	Jagrut	7/9/2025 2:15:25 PM	Peak Integrated by Software
SSTDICV040	BM050385.D	Benzaldehyde	Rahul	7/9/2025 9:47:50 AM	Jagrut	7/9/2025 2:15:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM071425	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050427.D	Benzaldehyde	Rahul	7/15/2025 1:03:11 PM	Jagrut	7/15/2025 2:37:26 PM	Peak Integrated by Software
PB168816BS	BM050434.D	Acenaphthene	Rahul	7/15/2025 1:03:14 PM	Jagrut	7/15/2025 2:37:28 PM	Peak Integrated by Software
PB168816BSD	BM050435.D	Acenaphthene	Rahul	7/15/2025 1:03:16 PM	Jagrut	7/15/2025 2:37:32 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025072.D	Acenaphthene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC005	BP025072.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC010	BP025073.D	Acenaphthene	Rahul	7/7/2025 11:35:39 AM	Jagrut	7/7/2025 12:14:23 PM	Peak Integrated by Software
SSTDICC020	BP025074.D	Acenaphthene	Rahul	7/7/2025 11:35:42 AM	Jagrut	7/7/2025 12:14:25 PM	Peak Integrated by Software
SSTDICCC040	BP025075.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:44 AM	Jagrut	7/7/2025 12:14:28 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Pyridine	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Pyridine	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Pyridine	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Acenaphthene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BP071425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025112.D	Indeno(1,2,3-cd)pyrene	Rahul	7/15/2025 1:05:23 PM	Jagrut	7/15/2025 2:43:50 PM	Peak Integrated by Software
SSTDCCC040	BP025119.D	Indeno(1,2,3-cd)pyrene	Rahul	7/15/2025 1:05:35 PM	Jagrut	7/15/2025 2:44:08 PM	Peak Integrated by Software
SSTDCCC040	BP025121.D	Benzaldehyde	Rahul	7/15/2025 1:05:38 PM	Jagrut	7/15/2025 2:44:10 PM	Peak Integrated by Software
SSTDCCC040	BP025121.D	Indeno(1,2,3-cd)pyrene	Rahul	7/15/2025 1:05:38 PM	Jagrut	7/15/2025 2:44:10 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM				
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM				
SubDirectory	BM070925	HP Acquire Method	BNA_M		HP Processing Method	bm070925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050376.D	08 Jul 2025 11:59	RC/JU	Ok
2	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39	RC/JU	Ok
3	SSTDICC005	BM050378.D	08 Jul 2025 13:19	RC/JU	Ok
4	SSTDICC010	BM050379.D	08 Jul 2025 14:00	RC/JU	Ok,M
5	SSTDICC020	BM050380.D	08 Jul 2025 14:40	RC/JU	Ok,M
6	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	RC/JU	Ok,M
7	SSTDICC050	BM050382.D	08 Jul 2025 16:01	RC/JU	Ok,M
8	SSTDICC060	BM050383.D	08 Jul 2025 16:41	RC/JU	Ok
9	SSTDICC080	BM050384.D	08 Jul 2025 17:22	RC/JU	Ok
10	SSTDICV040	BM050385.D	08 Jul 2025 18:05	RC/JU	Ok,M
11	PB168722BL	BM050386.D	08 Jul 2025 19:26	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071425

Review By	Rahul	Review On	7/15/2025 1:03:48 PM				
Supervise By	Jagrut	Supervise On	7/15/2025 2:37:49 PM				
SubDirectory	BM071425	HP Acquire Method	BNA_M		HP Processing Method	bm070925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050419.D	14 Jul 2025 09:30	RC/JU	Ok
2	SSTDCCC040	BM050420.D	14 Jul 2025 10:50	RC/JU	Ok
3	PB168813BL	BM050421.D	14 Jul 2025 11:30	RC/JU	Ok
4	Q2126-03	BM050422.D	14 Jul 2025 12:10	RC/JU	Ok,M
5	Q2126-03	BM050423.D	14 Jul 2025 12:51	RC/JU	Ok,M
6	Q2126-09	BM050424.D	14 Jul 2025 13:31	RC/JU	Ok,M
7	Q2126-09	BM050425.D	14 Jul 2025 14:12	RC/JU	Ok,M
8	PB168816BL	BM050426.D	14 Jul 2025 14:52	RC/JU	Ok
9	SSTDCCC040	BM050427.D	14 Jul 2025 15:32	RC/JU	Ok,M
10	DFTPP	BM050428.D	14 Jul 2025 16:13	RC/JU	Ok
11	SSTDCCC040	BM050429.D	14 Jul 2025 16:53	RC/JU	Ok
12	PB168788BL	BM050430.D	14 Jul 2025 17:34	RC/JU	Ok
13	PB168788BS	BM050431.D	14 Jul 2025 18:14	RC/JU	Ok
14	PB168820BL	BM050432.D	14 Jul 2025 18:54	RC/JU	Ok
15	PB168820BS	BM050433.D	14 Jul 2025 19:34	RC/JU	Ok
16	PB168816BS	BM050434.D	14 Jul 2025 20:14	RC/JU	Ok,M
17	PB168816BSD	BM050435.D	14 Jul 2025 20:55	RC/JU	Ok,M
18	PB168728TB	BM050436.D	14 Jul 2025 21:34	RC/JU	Ok
19	Q2489-06	BM050437.D	14 Jul 2025 22:14	RC/JU	Not Ok
20	Q2578-03	BM050438.D	14 Jul 2025 22:54	RC/JU	Ok
21	Q2578-07	BM050439.D	14 Jul 2025 23:34	RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071425

Review By	Rahul	Review On	7/15/2025 1:03:48 PM				
Supervise By	Jagrut	Supervise On	7/15/2025 2:37:49 PM				
SubDirectory	BM071425	HP Acquire Method	BNA_M		HP Processing Method	bm070925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2578-11	BM050440.D	15 Jul 2025 00:13	RC/JU	Ok
23	Q2553-05	BM050441.D	15 Jul 2025 00:53	RC/JU	Ok
24	Q2519-04	BM050442.D	15 Jul 2025 01:33	RC/JU	Ok
25	Q2489-04	BM050443.D	15 Jul 2025 02:12	RC/JU	Not Ok
26	Q2559-01	BM050444.D	15 Jul 2025 02:52	RC/JU	Ok
27	Q2565-05	BM050445.D	15 Jul 2025 03:31	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025070.D	03 Jul 2025 08:58	CG/JU	Ok
2	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39	CG/JU	Ok
3	SSTDICC005	BP025072.D	03 Jul 2025 10:21	CG/JU	Ok,M
4	SSTDICC010	BP025073.D	03 Jul 2025 11:02	CG/JU	Ok,M
5	SSTDICC020	BP025074.D	03 Jul 2025 11:44	CG/JU	Ok,M
6	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	CG/JU	Ok,M
7	SSTDICC050	BP025076.D	03 Jul 2025 13:07	CG/JU	Ok,M
8	SSTDICC060	BP025077.D	03 Jul 2025 13:49	CG/JU	Ok,M
9	SSTDICC080	BP025078.D	03 Jul 2025 14:31	CG/JU	Ok,M
10	SSTDICV040	BP025079.D	03 Jul 2025 16:18	CG/JU	Ok,M
11	PB168694BL	BP025080.D	03 Jul 2025 16:59	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071425

Review By	Rahul	Review On	7/15/2025 1:06:19 PM				
Supervise By	Jagrut	Supervise On	7/15/2025 2:44:31 PM				
SubDirectory	BP071425	HP Acquire Method	BNA_P			HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025111.D	14 Jul 2025 08:39	CG/JU	Ok
2	SSTDCCC040	BP025112.D	14 Jul 2025 09:20	CG/JU	Ok,M
3	PB168813BL	BP025113.D	14 Jul 2025 10:02	CG/JU	Ok
4	Q2126-03	BP025114.D	14 Jul 2025 10:44	CG/JU	Ok,M
5	Q2126-03	BP025115.D	14 Jul 2025 11:25	CG/JU	Ok,M
6	Q2126-09	BP025116.D	14 Jul 2025 12:07	CG/JU	Ok,M
7	Q2126-09	BP025117.D	14 Jul 2025 12:49	CG/JU	Ok,M
8	PB168816BL	BP025118.D	14 Jul 2025 13:31	CG/JU	Not Ok
9	SSTDCCC040	BP025119.D	14 Jul 2025 14:13	CG/JU	Ok,M
10	DFTPP	BP025120.D	14 Jul 2025 14:55	CG/JU	Ok
11	SSTDCCC040	BP025121.D	14 Jul 2025 15:36	CG/JU	Ok,M
12	PB168788TB	BP025122.D	14 Jul 2025 16:18	CG/JU	Ok
13	Q2517-04	BP025123.D	14 Jul 2025 17:04	CG/JU	Ok
14	Q2553-01	BP025124.D	14 Jul 2025 17:46	CG/JU	Ok
15	Q2553-02	BP025125.D	14 Jul 2025 18:27	CG/JU	Ok
16	Q2553-03	BP025126.D	14 Jul 2025 19:09	CG/JU	Ok
17	Q2553-04	BP025127.D	14 Jul 2025 19:51	CG/JU	Ok
18	Q2489-05	BP025128.D	14 Jul 2025 20:32	CG/JU	Not Ok
19	Q2537-01	BP025129.D	14 Jul 2025 21:14	CG/JU	Ok
20	Q2489-07	BP025130.D	14 Jul 2025 21:55	CG/JU	Ok
21	Q2489-08	BP025131.D	14 Jul 2025 22:37	CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071425

Review By	Rahul	Review On	7/15/2025 1:06:19 PM				
Supervise By	Jagrut	Supervise On	7/15/2025 2:44:31 PM				
SubDirectory	BP071425	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2565-02	BP025132.D	14 Jul 2025 23:18	CG/JU	Ok
23	Q2560-01	BP025133.D	14 Jul 2025 23:59	CG/JU	Ok,M
24	Q2564-03	BP025134.D	15 Jul 2025 00:41	CG/JU	Ok
25	Q2564-05	BP025135.D	15 Jul 2025 01:22	CG/JU	Ok
26	Q2564-01	BP025136.D	15 Jul 2025 02:03	CG/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050376.D	08 Jul 2025 11:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050378.D	08 Jul 2025 13:19		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM050379.D	08 Jul 2025 14:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050380.D	08 Jul 2025 14:40		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	Compound#32,54,57,62,65 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050382.D	08 Jul 2025 16:01		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM050383.D	08 Jul 2025 16:41		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050384.D	08 Jul 2025 17:22	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBM070925	BM050385.D	08 Jul 2025 18:05	Comp#77 Failed from High side	RC/JU	Ok,M
11	PB168722BL	PB168722BL	BM050386.D	08 Jul 2025 19:26		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071425

Review By	Rahul	Review On	7/15/2025 1:03:48 PM		
Supervise By	Jagrut	Supervise On	7/15/2025 2:37:49 PM		
SubDirectory	BM071425	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050419.D	14 Jul 2025 09:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050420.D	14 Jul 2025 10:50		RC/JU	Ok
3	PB168813BL	PB168813BL	BM050421.D	14 Jul 2025 11:30		RC/JU	Ok
4	Q2126-03	MDL-SOIL-03-QT2-202	BM050422.D	14 Jul 2025 12:10	MDL-SOIL 4 ppm	RC/JU	Ok,M
5	Q2126-03	MDL-SOIL-03-QT2-202	BM050423.D	14 Jul 2025 12:51	MDL-SOIL 8 ppm	RC/JU	Ok,M
6	Q2126-09	MDL-WATER-03-QT2-2	BM050424.D	14 Jul 2025 13:31	MDL-WATER 4 ppm	RC/JU	Ok,M
7	Q2126-09	MDL-WATER-03-QT2-2	BM050425.D	14 Jul 2025 14:12	MDL-WATER 8 ppm	RC/JU	Ok,M
8	PB168816BL	PB168816BL	BM050426.D	14 Jul 2025 14:52		RC/JU	Ok
9	SSTDCCC040	SSTDCCC040EC	BM050427.D	14 Jul 2025 15:32		RC/JU	Ok,M
10	DFTPP	DFTPP	BM050428.D	14 Jul 2025 16:13		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BM050429.D	14 Jul 2025 16:53		RC/JU	Ok
12	PB168788BL	PB168788BL	BM050430.D	14 Jul 2025 17:34		RC/JU	Ok
13	PB168788BS	PB168788BS	BM050431.D	14 Jul 2025 18:14		RC/JU	Ok
14	PB168820BL	PB168820BL	BM050432.D	14 Jul 2025 18:54		RC/JU	Ok
15	PB168820BS	PB168820BS	BM050433.D	14 Jul 2025 19:34		RC/JU	Ok
16	PB168816BS	PB168816BS	BM050434.D	14 Jul 2025 20:14		RC/JU	Ok,M
17	PB168816BSD	PB168816BSD	BM050435.D	14 Jul 2025 20:55		RC/JU	Ok,M
18	PB168728TB	PB168728TB	BM050436.D	14 Jul 2025 21:34		RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071425

Review By	Rahul	Review On	7/15/2025 1:03:48 PM		
Supervise By	Jagrut	Supervise On	7/15/2025 2:37:49 PM		
SubDirectory	BM071425	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2489-06	G2(6-12)	BM050437.D	14 Jul 2025 22:14	Internal standard not spiked	RC/JU	Not Ok
20	Q2578-03	WC-A5-01-C	BM050438.D	14 Jul 2025 22:54		RC/JU	Ok
21	Q2578-07	WC-A2-09-C	BM050439.D	14 Jul 2025 23:34		RC/JU	Ok
22	Q2578-11	WC-A2-10-C	BM050440.D	15 Jul 2025 00:13		RC/JU	Ok
23	Q2553-05	FB	BM050441.D	15 Jul 2025 00:53		RC/JU	Ok
24	Q2519-04	TP-15	BM050442.D	15 Jul 2025 01:33		RC/JU	Ok
25	Q2489-04	G3(6-12)	BM050443.D	15 Jul 2025 02:12	Internal standard not spiked	RC/JU	Not Ok
26	Q2559-01	500-3B CONCRETE CH	BM050444.D	15 Jul 2025 02:52		RC/JU	Ok
27	Q2565-05	MOO-25-0180	BM050445.D	15 Jul 2025 03:31	Internal standard fail	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/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	BP025070.D	03 Jul 2025 08:58		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025072.D	03 Jul 2025 10:21		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025073.D	03 Jul 2025 11:02		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025074.D	03 Jul 2025 11:44		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	compound #77 failed in the calibration.	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025076.D	03 Jul 2025 13:07	Compound#26,32,48,54,57,65,8 0,85 Kept on LR	CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025077.D	03 Jul 2025 13:49		CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP025078.D	03 Jul 2025 14:31	Compound#09 removed from 80 ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP070325	BP025079.D	03 Jul 2025 16:18		CG/JU	Ok,M
11	PB168694BL	PB168694BL	BP025080.D	03 Jul 2025 16:59	Analyzed for contamination check	CG/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071425

Review By	Rahul	Review On	7/15/2025 1:06:19 PM		
Supervise By	Jagrut	Supervise On	7/15/2025 2:44:31 PM		
SubDirectory	BP071425	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025111.D	14 Jul 2025 08:39		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025112.D	14 Jul 2025 09:20		CG/JU	Ok,M
3	PB168813BL	PB168813BL	BP025113.D	14 Jul 2025 10:02		CG/JU	Ok
4	Q2126-03	MDL-SOIL-03-QT2-202	BP025114.D	14 Jul 2025 10:44	MDL-SOIL 4 ppm	CG/JU	Ok,M
5	Q2126-03	MDL-SOIL-03-QT2-202	BP025115.D	14 Jul 2025 11:25	MDL-SOIL 8 ppm	CG/JU	Ok,M
6	Q2126-09	MDL-WATER-03-QT2-2	BP025116.D	14 Jul 2025 12:07	MDL-WATER 4 ppm	CG/JU	Ok,M
7	Q2126-09	MDL-WATER-03-QT2-2	BP025117.D	14 Jul 2025 12:49	MDL-WATER 8 ppm	CG/JU	Ok,M
8	PB168816BL	PB168816BL	BP025118.D	14 Jul 2025 13:31	Not Used	CG/JU	Not Ok
9	SSTDCCC040	SSTDCCC040EC	BP025119.D	14 Jul 2025 14:13		CG/JU	Ok,M
10	DFTPP	DFTPP	BP025120.D	14 Jul 2025 14:55		CG/JU	Ok
11	SSTDCCC040	SSTDCCC040	BP025121.D	14 Jul 2025 15:36		CG/JU	Ok,M
12	PB168788TB	PB168788TB	BP025122.D	14 Jul 2025 16:18		CG/JU	Ok
13	Q2517-04	TP-14	BP025123.D	14 Jul 2025 17:04		CG/JU	Ok
14	Q2553-01	AOC-201	BP025124.D	14 Jul 2025 17:46		CG/JU	Ok
15	Q2553-02	AOC-202	BP025125.D	14 Jul 2025 18:27		CG/JU	Ok
16	Q2553-03	AOC-203	BP025126.D	14 Jul 2025 19:09		CG/JU	Ok
17	Q2553-04	AOC-205	BP025127.D	14 Jul 2025 19:51		CG/JU	Ok
18	Q2489-05	G2(0-6)	BP025128.D	14 Jul 2025 20:32	Internal standard not spiked	CG/JU	Not Ok

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071425

Review By	Rahul	Review On	7/15/2025 1:06:19 PM		
Supervise By	Jagrut	Supervise On	7/15/2025 2:44:31 PM		
SubDirectory	BP071425	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2537-01	TR-04-07092025	BP025129.D	14 Jul 2025 21:14		CG/JU	Ok
20	Q2489-07	G1(0-6)	BP025130.D	14 Jul 2025 21:55		CG/JU	Ok
21	Q2489-08	G1(6-12)	BP025131.D	14 Jul 2025 22:37		CG/JU	Ok
22	Q2565-02	MOO-25-0194-0195	BP025132.D	14 Jul 2025 23:18		CG/JU	Ok
23	Q2560-01	LP-7102025	BP025133.D	14 Jul 2025 23:59		CG/JU	Ok,M
24	Q2564-03	ARS20-0013	BP025134.D	15 Jul 2025 00:41		CG/JU	Ok
25	Q2564-05	ARS20-0039	BP025135.D	15 Jul 2025 01:22		CG/JU	Ok
26	Q2564-01	ARS20-0030	BP025136.D	15 Jul 2025 02:03		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168816

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/11/2025
Matrix :	Water			**Extraction Start Time :**	08:32
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/11/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:35
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**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	SP6754
MDL	1.0ML	N/A	SP6816
MDL	1.0ML	N/A	SP6818
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3943
Baked Na2SO4	N/A	EP2624
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/11/25	RS (G4-Lab)	Rc/svoc
13:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168816

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 07/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168816BL	SBLK816	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168816BS	SLCS816	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168816BSD	SLCSD816	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2126-09	MDL-WATER-03-QT2-2025 4PPM	SVOC-Chemtech Full -25	1000	6	RUPESH	ritesh	1			4
Q2553-01	AOC-201	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		5
Q2553-02	AOC-202	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		6
Q2553-03	AOC-203	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		7
Q2553-04	AOC-205	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C		8
Q2553-05	FB	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2565-01	MOO-25-0192-0193	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		10
Q2126-09	MDL-WATER 8PPM	1	1000	6	1	1	1			11

RS 7/11

* **Extracts relinguished on the same date as received.**

168816
8:32

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2553 **WorkList ID :** 190664 **Department :** Extraction **Date :** 07-11-2025 08:26:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-09	MDL-WATER-03-QT2-2025	Water	SVOC-Chemtech Full -25	Cool 4 deg C	ALLI03	QA Of	05/23/2025	8270E
Q2553-01	AOC-201	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	A43	07/09/2025	8270E
Q2553-02	AOC-202	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	A43	07/09/2025	8270E
Q2553-03	AOC-203	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	A43	07/09/2025	8270E
Q2553-04	AOC-205	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	A43	07/09/2025	8270E
Q2553-05	FB	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	A43	07/09/2025	8270E
Q2565-01	MOO-25-0192-0193	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03		07/10/2025	8270E

Date/Time 07/11/25 8:26
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by:

Date/Time 07/11/25 9:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext Lab)

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. Q2553
COC Number 2047560

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment Inc.
ADDRESS: 10 Park Pl Suite 504
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Ken Cwiekа
PHONE: 973-334-0003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: White Plains Housing Auth
PROJECT NO. WPHA006 LOCATION: N.Y.
PROJECT MANAGER: Ken Cwiekа
e-mail: KMC@FirstEnvironment.com
PHONE: 973-334-0003 FAX:

CLIENT BILLING INFORMATION

BILL TO: First Environment PO#:
ADDRESS: 10 Park Pl
CITY Butler STATE: N.J. ZIP: 07405
ATTENTION: Accounting PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ~~Reduced~~ ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☒ NYS ASP A ☐ NYS ASP B
☐ Other _____
☒ EDD FORMAT _____

ANALYSIS

1: VOC +15 2: BN +15 3. 4 5 6 7 8 9

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
								HCl	NONE								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	AOC-201	GW		✓	7-9-25	1247	4	2	2								
2.	AOC-202	GW		✓	7-9-25	1315	3	2	1								
3.	AOC-203	GW		✓	7-9-25	1300	3	2	1								
4.	AOC-205	GW		✓	7-9-25	1236	4	2	2								
5.	FB	DI		✓	7-9-25	1320	3	2	1								
6.	TB	DI			7-9-25		2	2									
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. KMC	7-9-2025	1.
2.	7/9/25 16:15	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ 2-8 °C
Comments: All AOC Wells - 3 Day Turnaround
FB Standard Turnaround Time

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

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

Order ID : Q2553 FIRS02
Client Name : First Environment, Inc.
Client Contact : Ken Cwieka
Invoice Name : First Environment, Inc.
Invoice Contact : Ken Cwieka

Order Date : 7/9/2025 4:20:00 PM
Project Name : White Plains Housing Auth
Receive DateTime : 7/9/2025 4:15:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2553-01	AOC-201	Water	07/09/2025	12:47					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-02	AOC-202	Water	07/09/2025	13:15					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-03	AOC-203	Water	07/09/2025	13:00					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-04	AOC-205	Water	07/09/2025	12:36					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2553-05	FB	Water	07/09/2025	13:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2553-06	TB	Water	07/09/2025	13:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2553 FIRS02
Client Name : First Environment, Inc.
Client Contact : Ken Cwieka
Invoice Name : First Environment, Inc.
Invoice Contact : Ken Cwieka

Order Date : 7/9/2025 4:20:00 PM
Project Name : White Plains Housing Auth
Receive DateTime : 7/9/2025 4:15:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : CP
Date / Time : 7/10/25 8:45

Received By : [signature]
Date / Time : 07/10/25 8:45 Ref 5

Storage Area : VOA Refridgerator Room