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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2200

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

Table Of Contents for Q2200

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : JACOBS Engineering Group, Inc.

Project Location : Princeton Junction

Project Number : D3868221

Laboratory Sample ID(s) : Q2200

Sampling Date(s) : 6/03/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,8270-Modified,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 : Q2200

Project ID : Former Schlumberger STC PTC Site D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q2200-01	RMW-02B-66-060325
Q2200-02	RMW-03B-90-060325
Q2200-03	EB01-060325
Q2200-04	MW-01-6.5-060325
Q2200-05	MW-11B-37.5-060325
Q2200-06	TB-01-060325

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: 6/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2200
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
6 Water samples were received on 06/03/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_X were done using GC colu mn DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group3 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples RMW-02B-66-060325, RMW-03B-90-060325 and MW-11B-37.5-060325 were diluted at straight dilution after checking past history of these samples.

Samples RMW-02B-66-060325 and MW-11B-37.5-060325 were diluted due to high concentrations.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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

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

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

Signature_____

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2200
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
6 Water samples were received on 06/03/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and VOCMS Group3. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Samples RMW-02B-66-060325, RMW-03B-90-060325 and MW-11B-37.5-060325 were diluted due to high concentrations.

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

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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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908-789-8900 Fax: 908-789-8922

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 #: Q2200

	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:** 06/07/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**RMW-02B-66-060325**							
Q2200-01	RMW-02B-66-0603	Water	Vinyl Chloride	93.7		2.60	10.0	ug/L
Q2200-01	RMW-02B-66-0603	Water	1,1-Dichloroethene	180		2.30	10.0	ug/L
Q2200-01	RMW-02B-66-0603	Water	1,1-Dichloroethane	25.2		2.30	10.0	ug/L
Q2200-01	RMW-02B-66-0603	Water	cis-1,2-Dichloroethene	1800	E	1.90	10.0	ug/L
Q2200-01	RMW-02B-66-0603	Water	Trichloroethene	4400	E	0.93	10.0	ug/L
Q2200-01	RMW-02B-66-0603	Water	Tetrachloroethene	63.3		2.30	10.0	ug/L
			Total Voc :	6560				
			Total Concentration:	6560				
Client ID:	**RMW-02B-66-060325DL**							
Q2200-01DL	RMW-02B-66-0603	Water	Vinyl Chloride	82.3	JD	26.0	100	ug/L
Q2200-01DL	RMW-02B-66-0603	Water	1,1-Dichloroethene	210	D	23.0	100	ug/L
Q2200-01DL	RMW-02B-66-0603	Water	cis-1,2-Dichloroethene	1700	D	19.0	100	ug/L
Q2200-01DL	RMW-02B-66-0603	Water	Trichloroethene	4300	D	9.30	100	ug/L
Q2200-01DL	RMW-02B-66-0603	Water	Tetrachloroethene	61.6	JD	23.0	100	ug/L
			Total Voc :	6350				
			Total Concentration:	6350				
Client ID:	**RMW-03B-90-060325**							
Q2200-02	RMW-03B-90-0603	Water	cis-1,2-Dichloroethene	3900		9.50	50.0	ug/L
Q2200-02	RMW-03B-90-0603	Water	Trichloroethene	220		4.70	50.0	ug/L
			Total Voc :	4120				
			Total Concentration:	4120				
Client ID:	**MW-11B-37.5-060325**							
Q2200-05	MW-11B-37.5-0603	Water	1,1-Dichloroethene	86.9		11.5	50.0	ug/L
Q2200-05	MW-11B-37.5-0603	Water	cis-1,2-Dichloroethene	1200		9.50	50.0	ug/L
Q2200-05	MW-11B-37.5-0603	Water	Trichloroethene	11300	E	4.70	50.0	ug/L
			Total Voc :	12600				
			Total Concentration:	12600				
Client ID:	**MW-11B-37.5-060325DL**							
Q2200-05DL	MW-11B-37.5-0603	Water	cis-1,2-Dichloroethene	1200	D	38.0	200	ug/L
Q2200-05DL	MW-11B-37.5-0603	Water	Trichloroethene	11100	D	18.6	200	ug/L
			Total Voc :	12300				
			Total Concentration:	12300				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-02B-66-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046508.D	10		06/04/25 18:12	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	93.7		2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	180		2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	25.2		2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1800	E	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	4400	E	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	63.3		2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	59500	5.55			
540-36-3	1,4-Difluorobenzene	119000	6.763			
3114-55-4	Chlorobenzene-d5	108000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	43600	12.024			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-02B-66-060325DL	SDG No.:	Q2200
Lab Sample ID:	Q2200-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046498.D	100		06/04/25 14:15	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	82.3	JD	26.0	100	ug/L
75-35-4	1,1-Dichloroethene	210	D	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	1700	D	19.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
71-43-2	Benzene	15.0	UD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	4300	D	9.30	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
127-18-4	Tetrachloroethene	61.6	JD	23.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63000	5.55			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	119000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	53600	12.018			

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

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-03B-90-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046499.D	50		06/04/25 14:39	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	13.0	U	13.0	50.0	ug/L
75-35-4	1,1-Dichloroethene	11.5	U	11.5	50.0	ug/L
75-34-3	1,1-Dichloroethane	11.5	U	11.5	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	3900		9.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	10.0	U	10.0	50.0	ug/L
71-43-2	Benzene	7.50	U	7.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	11.0	U	11.0	50.0	ug/L
79-01-6	Trichloroethene	220		4.70	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	10.5	U	10.5	50.0	ug/L
127-18-4	Tetrachloroethene	11.5	U	11.5	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65900	5.55			
540-36-3	1,4-Difluorobenzene	132000	6.757			
3114-55-4	Chlorobenzene-d5	122000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	49200	12.018			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	EB01-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046504.D	1		06/04/25 16:37	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	64000	5.544			
540-36-3	1,4-Difluorobenzene	128000	6.763			
3114-55-4	Chlorobenzene-d5	122000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	54000	12.018			

U = Not Detected
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	MW-11B-37.5-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046500.D	50		06/04/25 15:02	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	13.0	U	13.0	50.0	ug/L
75-35-4	1,1-Dichloroethene	86.9		11.5	50.0	ug/L
75-34-3	1,1-Dichloroethane	11.5	U	11.5	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1200		9.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	10.0	U	10.0	50.0	ug/L
71-43-2	Benzene	7.50	U	7.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	11.0	U	11.0	50.0	ug/L
79-01-6	Trichloroethene	11300	E	4.70	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	10.5	U	10.5	50.0	ug/L
127-18-4	Tetrachloroethene	11.5	U	11.5	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61200	5.55			
540-36-3	1,4-Difluorobenzene	122000	6.763			
3114-55-4	Chlorobenzene-d5	113000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47100	12.018			

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	MW-11B-37.5-060325DL	SDG No.:	Q2200
Lab Sample ID:	Q2200-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046509.D	200		06/04/25 18:36	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	52.0	UD	52.0	200	ug/L
75-35-4	1,1-Dichloroethene	46.0	UD	46.0	200	ug/L
75-34-3	1,1-Dichloroethane	46.0	UD	46.0	200	ug/L
156-59-2	cis-1,2-Dichloroethene	1200	D	38.0	200	ug/L
71-55-6	1,1,1-Trichloroethane	40.0	UD	40.0	200	ug/L
71-43-2	Benzene	30.0	UD	30.0	200	ug/L
107-06-2	1,2-Dichloroethane	44.0	UD	44.0	200	ug/L
79-01-6	Trichloroethene	11100	D	18.6	200	ug/L
79-00-5	1,1,2-Trichloroethane	42.0	UD	42.0	200	ug/L
127-18-4	Tetrachloroethene	46.0	UD	46.0	200	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	64000	5.55			
540-36-3	1,4-Difluorobenzene	127000	6.763			
3114-55-4	Chlorobenzene-d5	118000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50600	12.018			

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	TB-01-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046510.D	1		06/04/25 19:00	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	58800	5.543			
540-36-3	1,4-Difluorobenzene	118000	6.763			
3114-55-4	Chlorobenzene-d5	111000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47900	12.024			

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QC SUMMARY

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

Surrogate Summary

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2200-01	RMW-02B-66-060325	1,2-Dichloroethane-d4	50	51.6	103	70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	98	70 (77)	130 (121)
Q2200-01DL	RMW-02B-66-060325DL	1,2-Dichloroethane-d4	50	51.3	103	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107	70 (77)	130 (121)
Q2200-02	RMW-03B-90-060325	1,2-Dichloroethane-d4	50	51.0	102	70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
Q2200-03	EB01-060325	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105	70 (77)	130 (121)
Q2200-05	MW-11B-37.5-060325	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	49.8	100	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
Q2200-05DL	MW-11B-37.5-060325DL	1,2-Dichloroethane-d4	50	52.7	105	70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100	70 (75)	130 (124)
		Toluene-d8	50	49.6	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.3	101	70 (77)	130 (121)
Q2200-06	TB-01-060325	1,2-Dichloroethane-d4	50	53.2	106	70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101	70 (77)	130 (121)
VX0604WBL01	VX0604WBL01	1,2-Dichloroethane-d4	50	53.4	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0604WBS01	VX0604WBS01	1,2-Dichloroethane-d4	50	50.1	100	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	47.3	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.1	98	70 (77)	130 (121)
VX0604WBSD0	VX0604WBSD01	1,2-Dichloroethane-d4	50	51.7	103	70 (74)	130 (125)
		Dibromofluoromethane	50	52.1	104	70 (75)	130 (124)
		Toluene-d8	50	49.0	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0604WBS01	Vinyl chloride	20	15.5	ug/L	78			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.2	ug/L	86			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.6	ug/L	98			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	19.4	ug/L	97			70 (80)	130 (108)	
	Benzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			70 (83)	130 (112)	
	Tetrachloroethene	20	19.0	ug/L	95			70 (67)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046497.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0604WBSD01	Vinyl chloride	20	18.8	ug/L	94	19		70 (65)	130 (117)	20 (20)
	1,1-Dichloroethene	20	20.3	ug/L	102	17		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	22.2	ug/L	111	12		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	22.0	ug/L	110	12		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	22.5	ug/L	113	15		70 (80)	130 (108)	20 (20)
	Benzene	20	21.4	ug/L	107	14		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.6	ug/L	108	9		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	21.3	ug/L	106	14		70 (77)	130 (113)	20 (20)
	1,1,2-Trichloroethane	20	22.2	ug/L	111	7		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	20.6	ug/L	103	8		70 (67)	130 (123)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0604WBL01

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: VX046490.D Lab Sample ID: VX0604WBL01

Date Analyzed: 06/04/2025 Time Analyzed: 11:04

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0604WBS01	VX0604WBS01	VX046491.D	06/04/2025
VX0604WBSD01	VX0604WBSD01	VX046497.D	06/04/2025
RMW-02B-66-060325DL	Q2200-01DL	VX046498.D	06/04/2025
RMW-03B-90-060325	Q2200-02	VX046499.D	06/04/2025
MW-11B-37.5-060325	Q2200-05	VX046500.D	06/04/2025
EB01-060325	Q2200-03	VX046504.D	06/04/2025
RMW-02B-66-060325	Q2200-01	VX046508.D	06/04/2025
MW-11B-37.5-060325DL	Q2200-05DL	VX046509.D	06/04/2025
TB-01-060325	Q2200-06	VX046510.D	06/04/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: VX046487.D BFB Injection Date: 06/04/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22
75	30.0 - 60.0% of mass 95	55.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	68.4
175	5.0 - 9.0% of mass 174	4.8 (7) 1
176	95.0 - 101.0% of mass 174	67.2 (98.3) 1
177	5.0 - 9.0% of mass 176	4.5 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VX046488.D	06/04/2025	10:12
VX0604WBL01	VX0604WBL01	VX046490.D	06/04/2025	11:04
VX0604WBS01	VX0604WBS01	VX046491.D	06/04/2025	11:27
VX0604WBSD01	VX0604WBSD01	VX046497.D	06/04/2025	13:52
RMW-02B-66-060325DL	Q2200-01DL	VX046498.D	06/04/2025	14:15
RMW-03B-90-060325	Q2200-02	VX046499.D	06/04/2025	14:39
MW-11B-37.5-060325	Q2200-05	VX046500.D	06/04/2025	15:02
EB01-060325	Q2200-03	VX046504.D	06/04/2025	16:37
RMW-02B-66-060325	Q2200-01	VX046508.D	06/04/2025	18:12
MW-11B-37.5-060325DL	Q2200-05DL	VX046509.D	06/04/2025	18:36
TB-01-060325	Q2200-06	VX046510.D	06/04/2025	19:00

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: VX046488.D Date Analyzed: 06/04/2025

Instrument ID: MSVOA_X Time Analyzed: 10:12

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	97475	5.54	165033	6.75	141151	10.05
UPPER LIMIT	194950	6.043	330066	7.25	282302	10.549
LOWER LIMIT	48737.5	5.043	82516.5	6.25	70575.5	9.549
EPA SAMPLE NO.						
RMW-02B-66-060325	59475	5.55	118649	6.76	107657	10.06
RMW-02B-66-060325DL	62989	5.55	125027	6.76	118665	10.06
RMW-03B-90-060325	65911	5.55	132066	6.76	121549	10.06
EB01-060325	64028	5.54	128366	6.76	122354	10.06
MW-11B-37.5-060325	61191	5.55	121976	6.76	112952	10.06
MW-11B-37.5-060325DL	63962	5.55	127435	6.76	117554	10.06
TB-01-060325	58762	5.54	118020	6.76	111037	10.06
VX0604WBL01	69580	5.55	139946	6.76	133992	10.05
VX0604WBS01	92897	5.54	164481	6.76	139452	10.05
VX0604WBSD01	84483	5.55	152834	6.76	133225	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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 LOWER 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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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: VX046488.D Date Analyzed: 06/04/2025

Instrument ID: MSVOA_X Time Analyzed: 10:12

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	69016	12.018				
UPPER LIMIT	138032	12.518				
LOWER LIMIT	34508	11.518				
EPA SAMPLE NO.						
RMW-02B-66-060325	43595	12.02				
RMW-02B-66-060325DL	53639	12.02				
RMW-03B-90-060325	49186	12.02				
EB01-060325	53968	12.02				
MW-11B-37.5-060325	47128	12.02				
MW-11B-37.5-060325DL	50632	12.02				
TB-01-060325	47922	12.02				
VX0604WBL01	59967	12.02				
VX0604WBS01	63937	12.02				
VX0604WBSD01	62838	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0604WBL01	SDG No.:	Q2200
Lab Sample ID:	VX0604WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046490.D	1		06/04/25 11:04	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69600	5.55			
540-36-3	1,4-Difluorobenzene	140000	6.757			
3114-55-4	Chlorobenzene-d5	134000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	60000	12.018			

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

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0604WBS01	SDG No.:	Q2200
Lab Sample ID:	VX0604WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046491.D	1		06/04/25 11:27	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.5		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
71-43-2	Benzene	18.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92900	5.544			
540-36-3	1,4-Difluorobenzene	164000	6.757			
3114-55-4	Chlorobenzene-d5	139000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	63900	12.018			

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

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0604WBSD01	SDG No.:	Q2200
Lab Sample ID:	VX0604WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046497.D	1		06/04/25 13:52	VX060425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.8		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	22.2		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	22.0		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	22.5		0.20	1.00	ug/L
71-43-2	Benzene	21.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	21.3		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.2		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84500	5.55			
540-36-3	1,4-Difluorobenzene	153000	6.757			
3114-55-4	Chlorobenzene-d5	133000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	62800	12.018			

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG No.: Q2200

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG No.: Q2200

Instrument ID: MSVOA_X Calibration Date/Time: 06/04/2025 10:12

Lab File ID: VX046488.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.691	0.665		-3.76	20
1,1-Dichloroethene	0.593	0.593		0	20
1,1-Dichloroethane	1.219	1.302	0.1	6.81	20
cis-1,2-Dichloroethene	0.718	0.747		4.04	20
1,1,1-Trichloroethane	1.101	1.161		5.45	20
Benzene	1.417	1.496		5.57	20
1,2-Dichloroethane	0.612	0.651		6.37	20
Trichloroethene	0.341	0.364		6.74	20
1,1,2-Trichloroethane	0.343	0.370		7.87	20
Tetrachloroethene	0.354	0.378		6.78	20
1,2-Dichloroethane-d4	0.932	0.862		-7.51	20
Dibromofluoromethane	0.360	0.356		-1.11	20
Toluene-d8	1.246	1.135		-8.91	20
4-Bromofluorobenzene	0.478	0.469		-1.88	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046508.D
Acq On : 04 Jun 2025 18:12
Operator : JC/MD
Sample : Q2200-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Quant Time: Jun 05 02:04:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

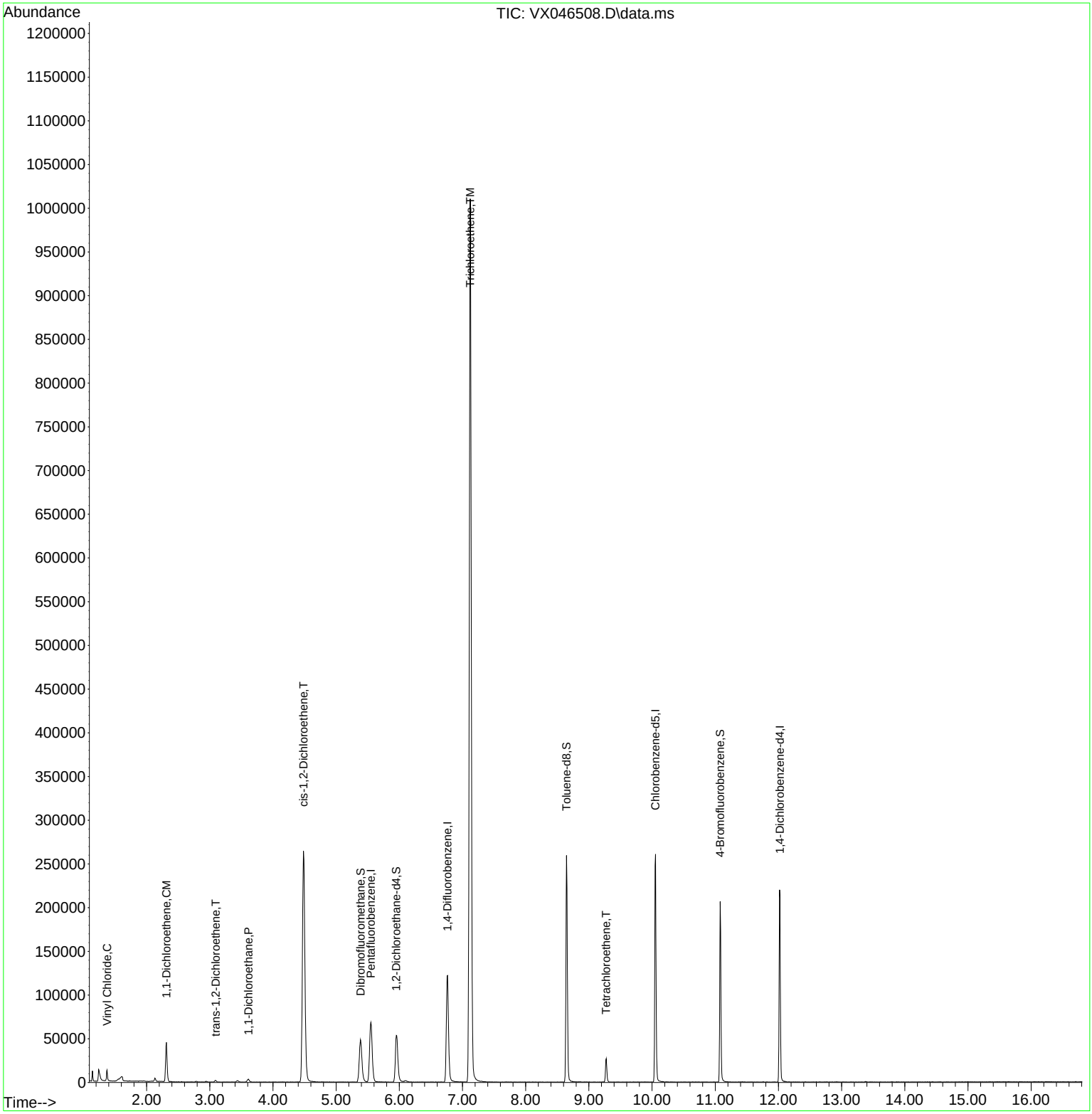
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	59475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57267	51.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	5.385	113	41659	48.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	8.647	98	147066	49.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	55309	48.759	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.520%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	7697	9.368	ug/l	96
12) 1,1-Dichloroethene	2.312	96	12979	18.404	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	775	1.093	ug/l #	78
24) 1,1-Dichloroethane	3.611	63	3655	2.521	ug/l #	93
27) cis-1,2-Dichloroethene	4.483	96	156809	183.666	ug/l	89
44) Trichloroethene	7.123	130	357950	442.298	ug/l	95
64) Tetrachloroethene	9.275	164	4825	6.334	ug/l	97

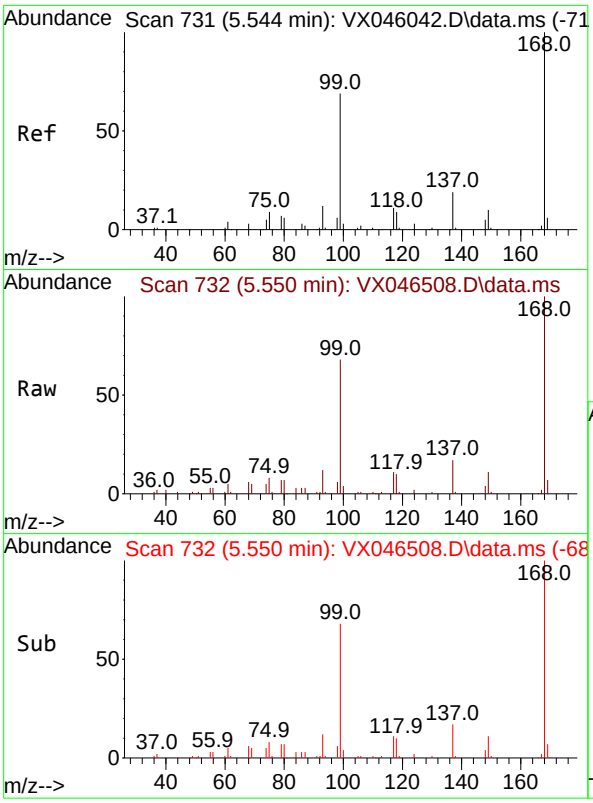
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046508.D
Acq On : 04 Jun 2025 18:12
Operator : JC/MD
Sample : Q2200-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Quant Time: Jun 05 02:04:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



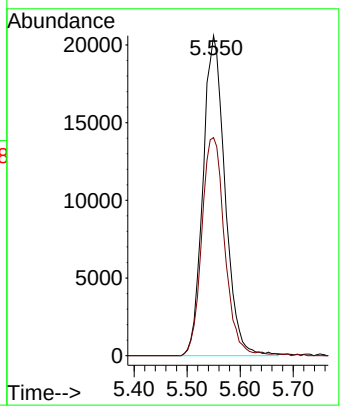


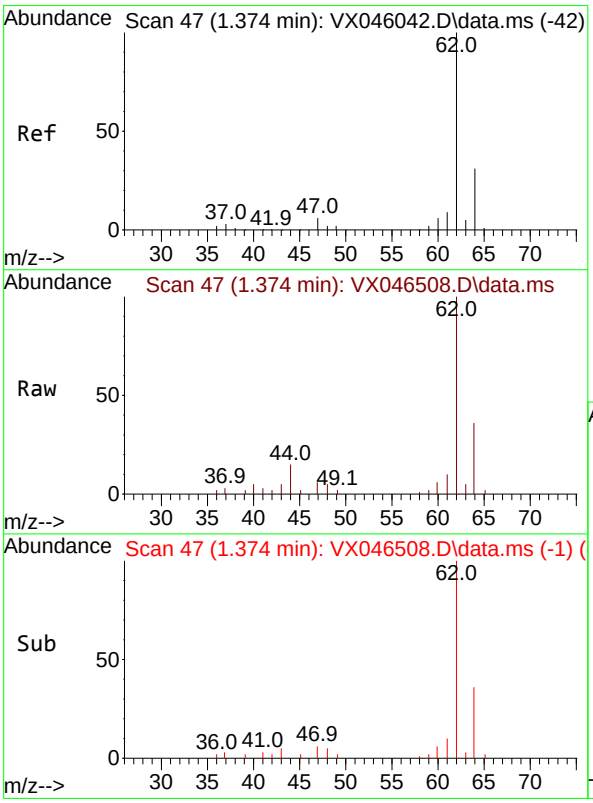
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:168 Resp: 59475

Ion	Ratio	Lower	Upper
168	100		
99	68.1	54.9	82.3

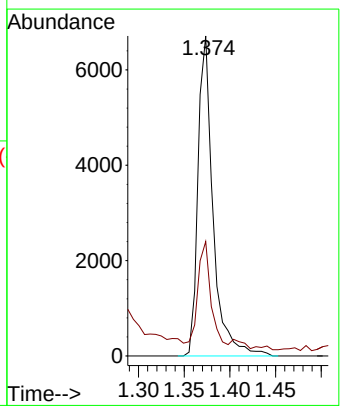


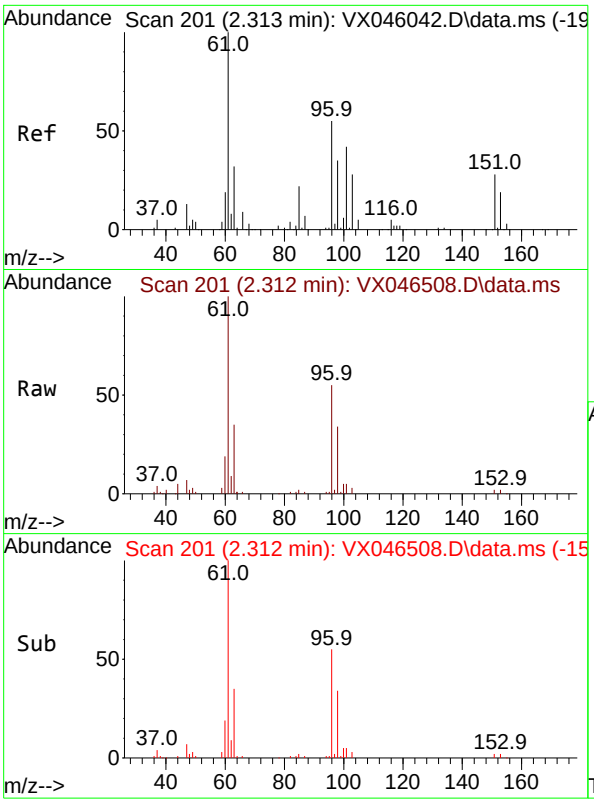


#4
Vinyl Chloride
Concen: 9.368 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 62 Resp: 7697

Ion	Ratio	Lower	Upper
62	100		
64	33.8	25.2	37.8



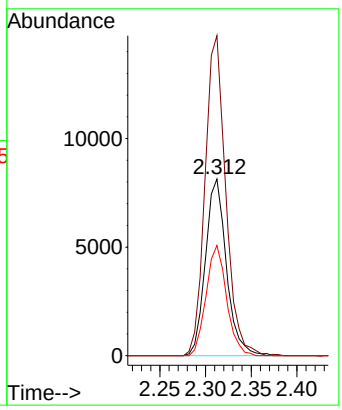


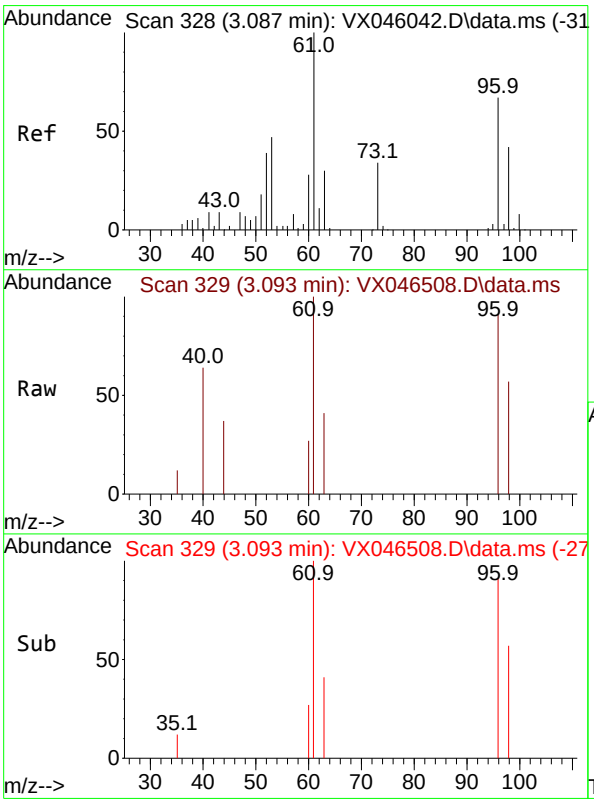
#12
1,1-Dichloroethene
Concen: 18.404 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 96 Resp: 12979

Ion	Ratio	Lower	Upper
96	100		
61	181.1	146.2	219.2
98	62.4	51.0	76.6

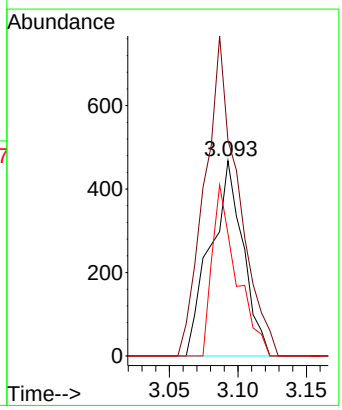


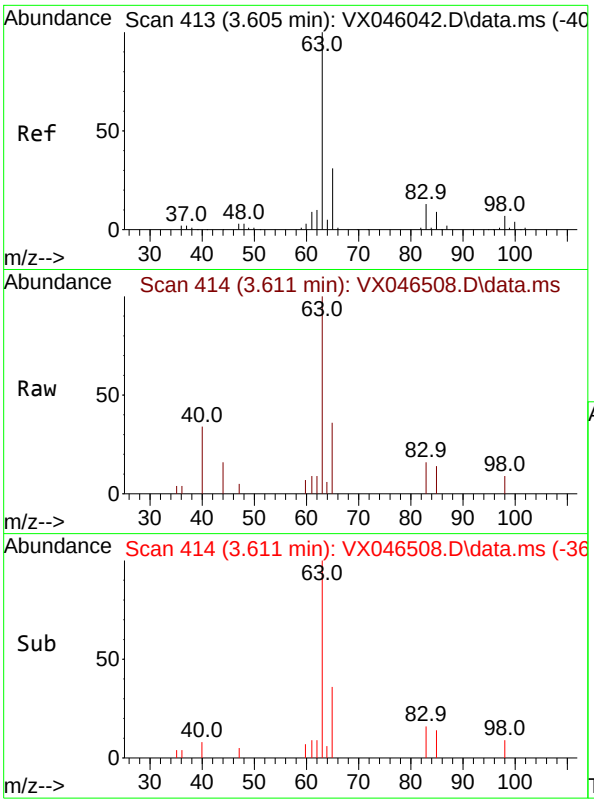


#21
trans-1,2-Dichloroethene
Concen: 1.093 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 96 Resp: 775

Ion	Ratio	Lower	Upper
96	100		
61	110.5	119.5	179.3#
98	62.6	50.0	75.0



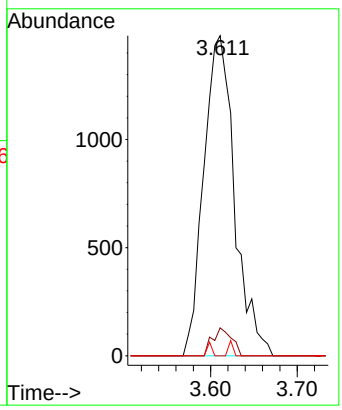


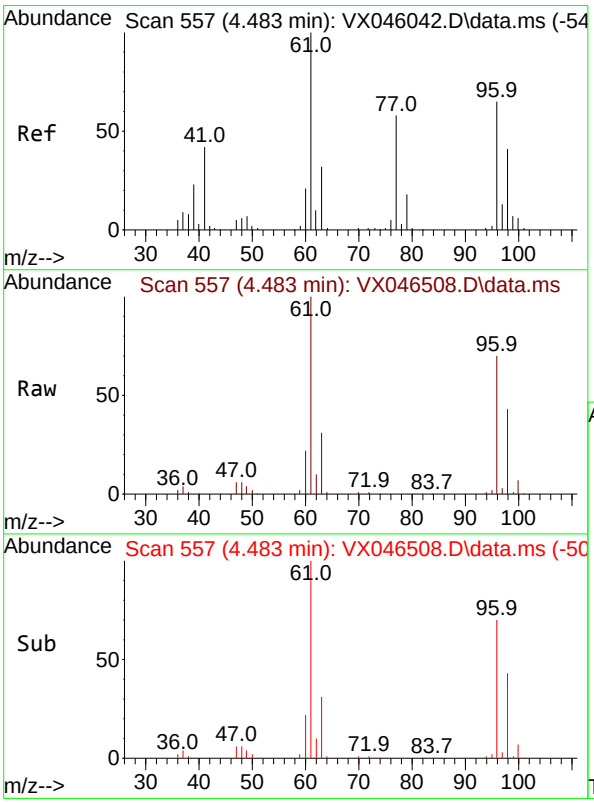
#24
1,1-Dichloroethane
Concen: 2.521 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 63 Resp: 3655

Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.6	10.8
100	0.0	2.1	6.3#

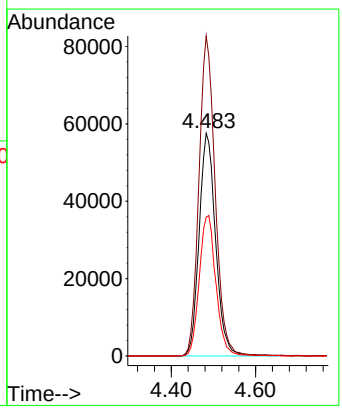


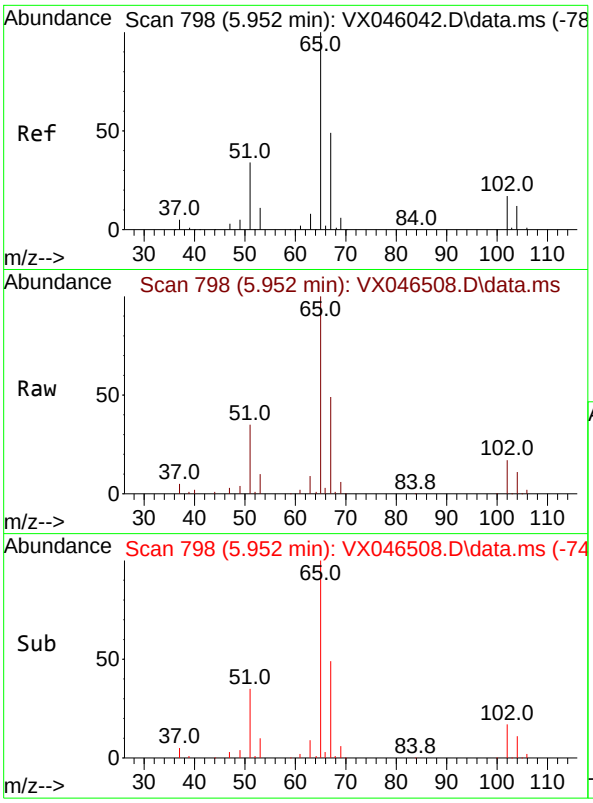


#27
cis-1,2-Dichloroethene
Concen: 183.666 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 96 Resp: 156809

Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	322.8
98	63.5	0.0	129.0



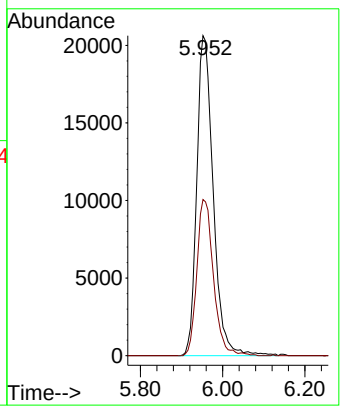


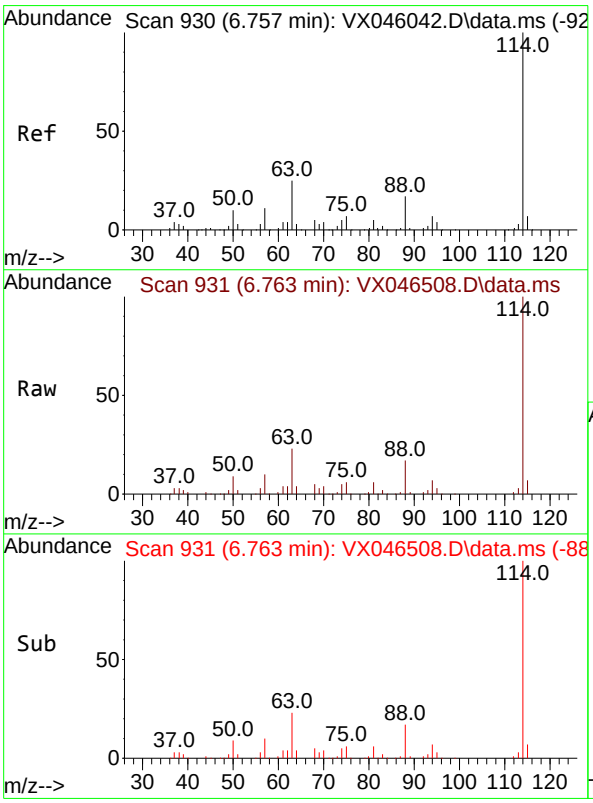
#33
1,2-Dichloroethane-d4
Concen: 51.648 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 65 Resp: 57267

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

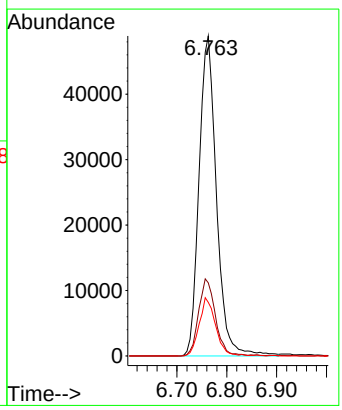




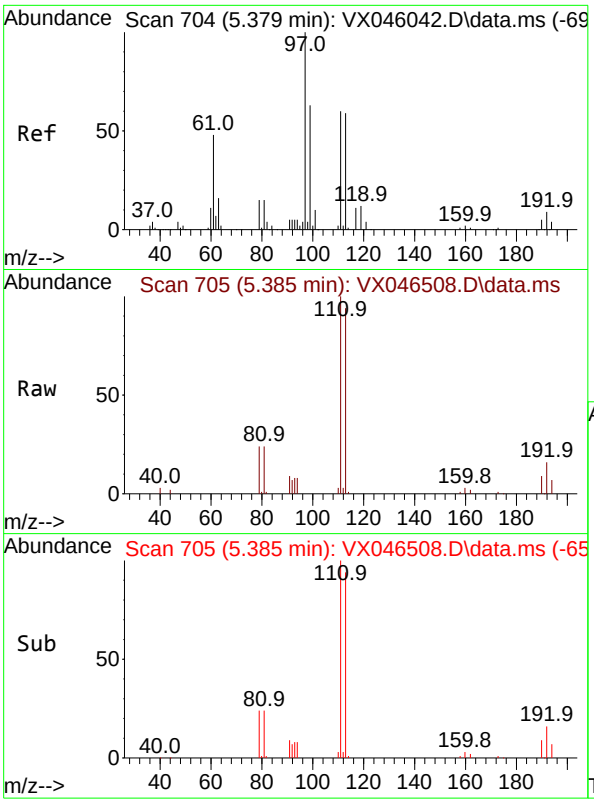
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion:114 Resp: 118649

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	49.2
88	16.8	0.0	33.6



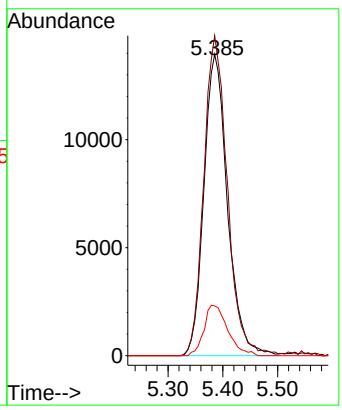
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

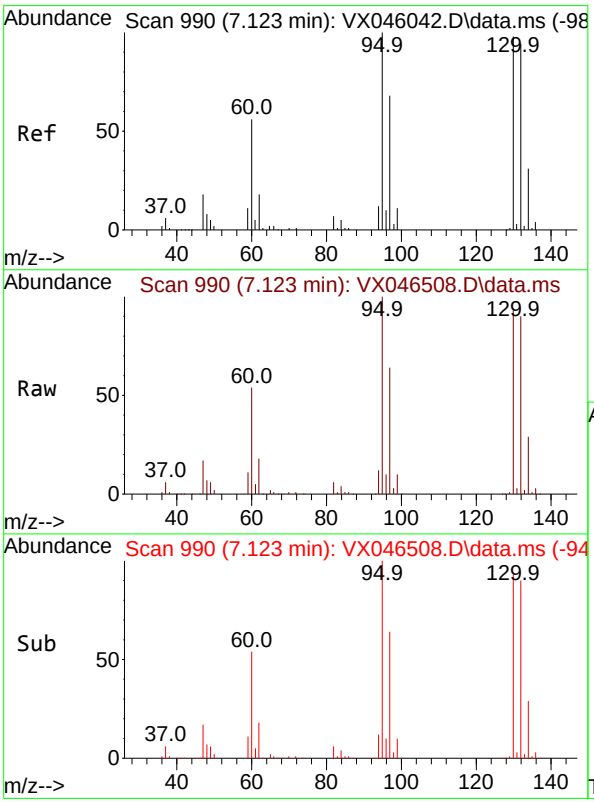


#35
Dibromofluoromethane
Concen: 48.758 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion:113 Resp: 41659

Ion	Ratio	Lower	Upper
113	100		
111	106.0	83.1	124.7
192	16.9	13.3	19.9

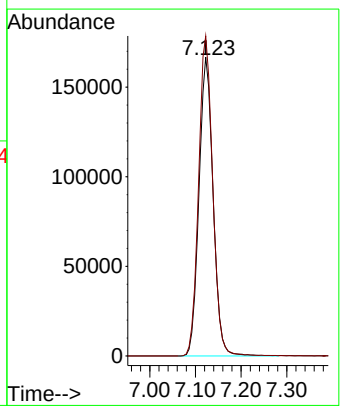


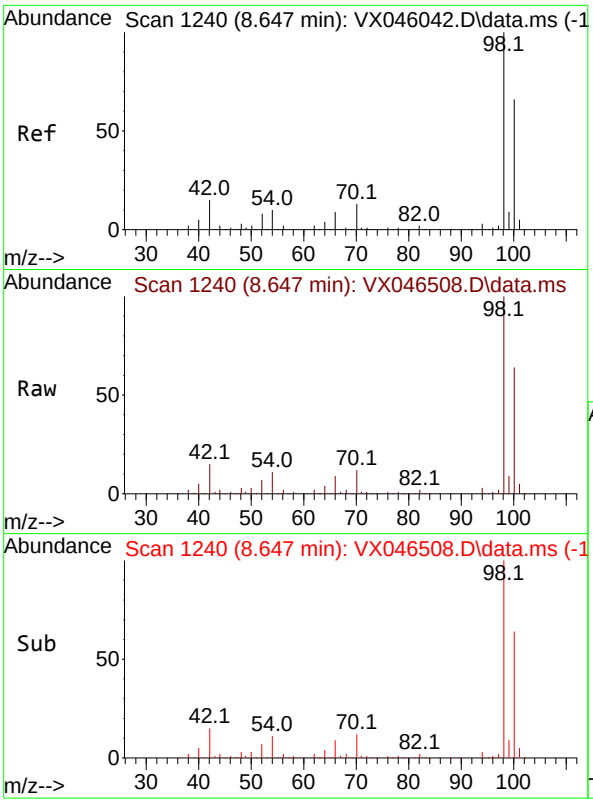


#44
Trichloroethene
Concen: 442.298 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion:130 Resp: 357950

Ion	Ratio	Lower	Upper
130	100		
95	107.1	0.0	204.2



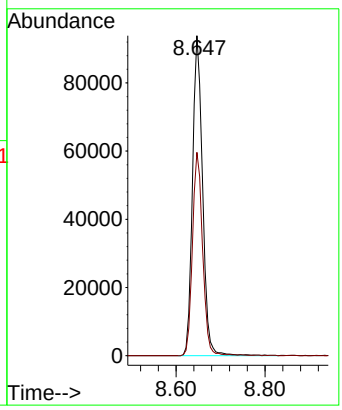


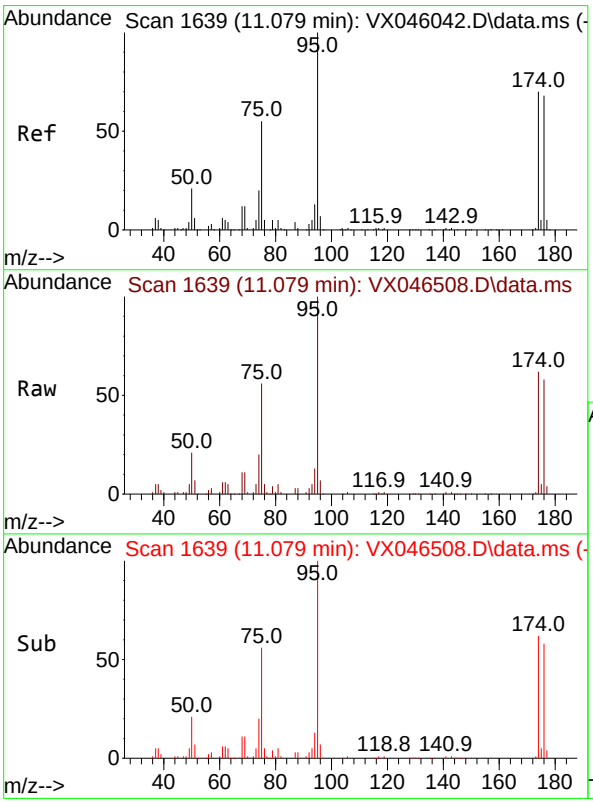
#50
Toluene-d8
Concen: 49.732 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion: 98 Resp: 147066

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.5	80.3

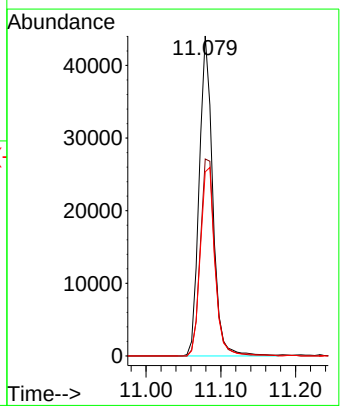


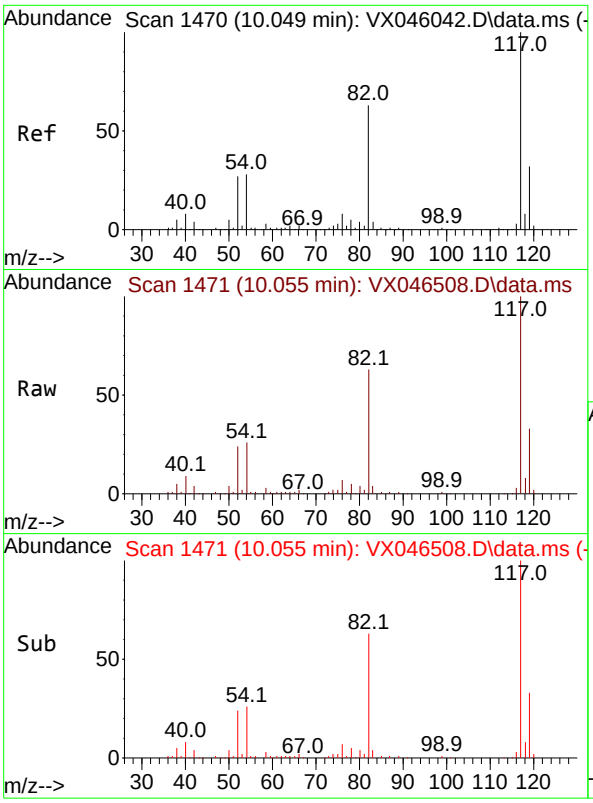


#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 95 Resp: 55309

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	135.8
176	63.6	0.0	131.4



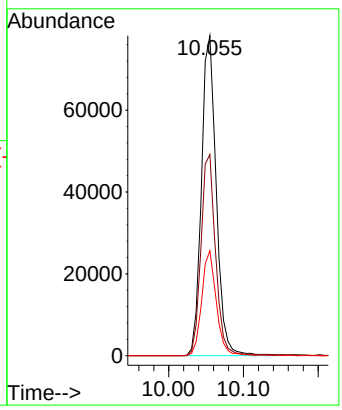


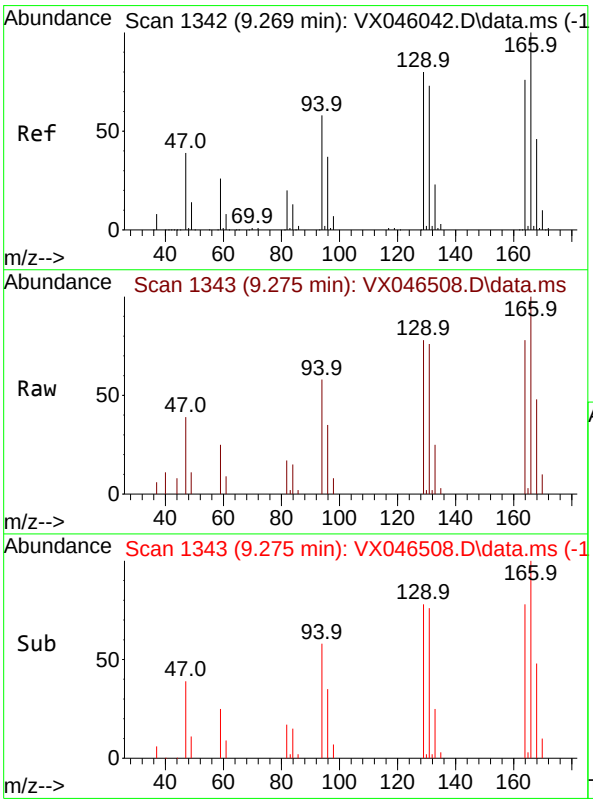
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:117 Resp: 107657

Ion	Ratio	Lower	Upper
117	100		
82	62.9	50.6	76.0
119	32.8	25.8	38.6

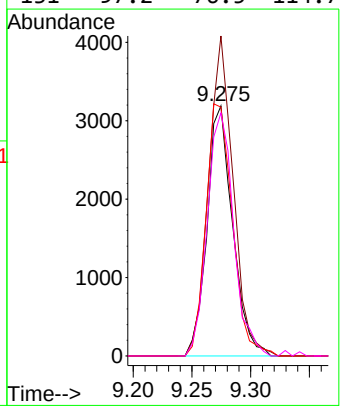


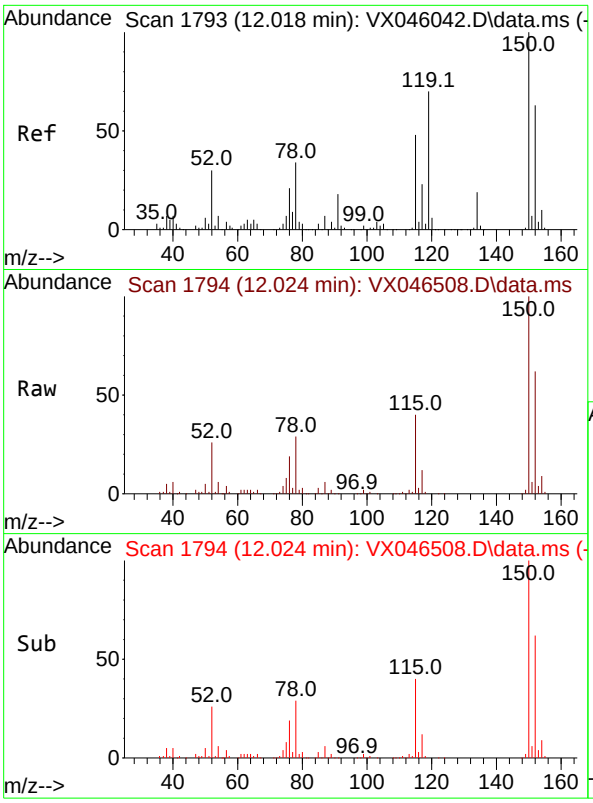


#64
Tetrachloroethene
Concen: 6.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion:164 Resp: 4825

Ion	Ratio	Lower	Upper
164	100		
166	127.9	105.0	157.6
129	99.4	83.5	125.3
131	97.2	76.5	114.7



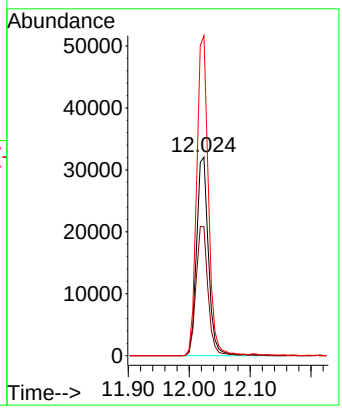


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:152 Resp: 43595

Ion	Ratio	Lower	Upper
152	100		
115	65.7	46.9	140.7
150	157.9	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046498.D
Acq On : 04 Jun 2025 14:15
Operator : JC/MD
Sample : Q2200-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Quant Time: Jun 05 01:54:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

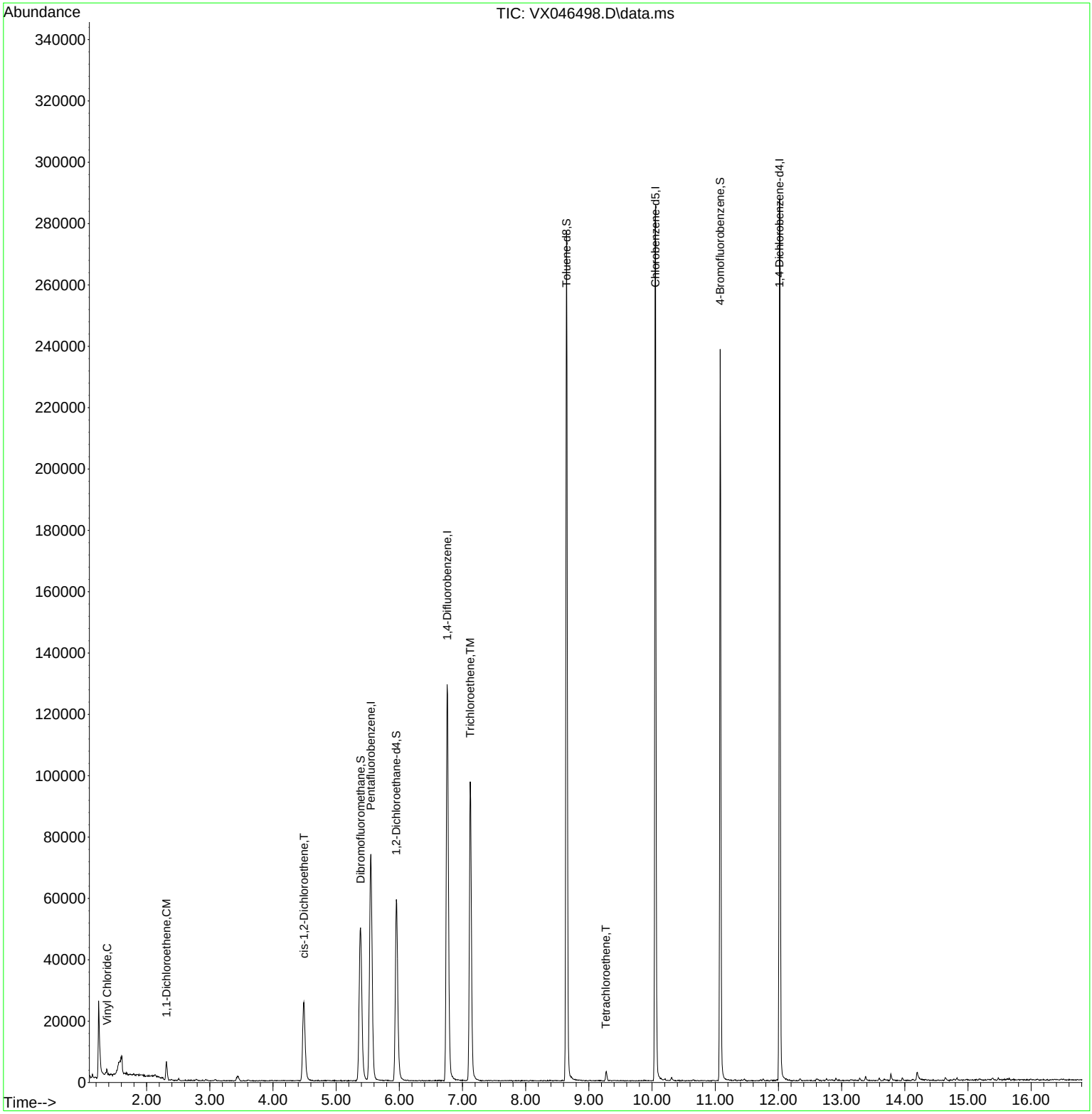
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	62989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60283	51.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	5.385	113	45387	50.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.646	98	155704	49.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	63770	53.350	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.700%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.373	62	716	0.823	ug/l	98
12) 1,1-Dichloroethene	2.312	96	1603	2.146	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	15418	17.051	ug/l	88
44) Trichloroethene	7.122	130	36397	42.679	ug/l	97
64) Tetrachloroethene	9.268	164	517	0.616	ug/l	91

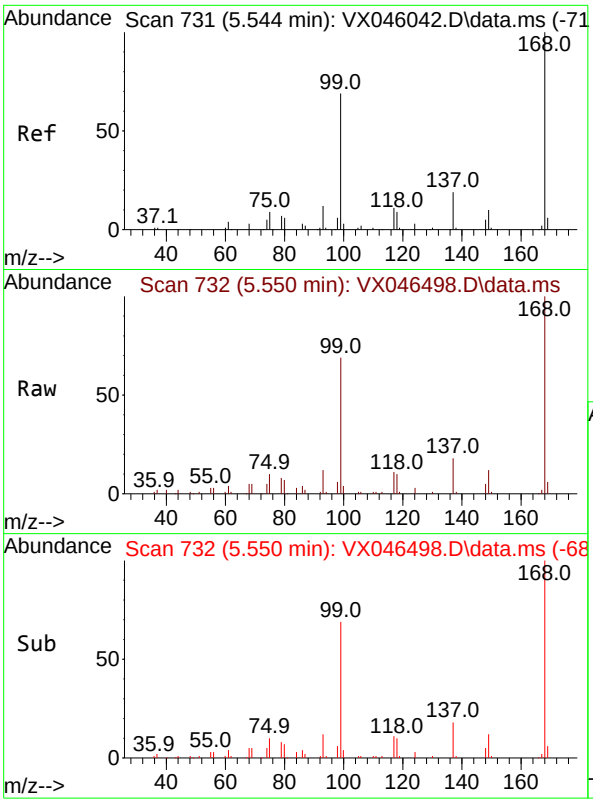
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046498.D
Acq On : 04 Jun 2025 14:15
Operator : JC/MD
Sample : Q2200-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Quant Time: Jun 05 01:54:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



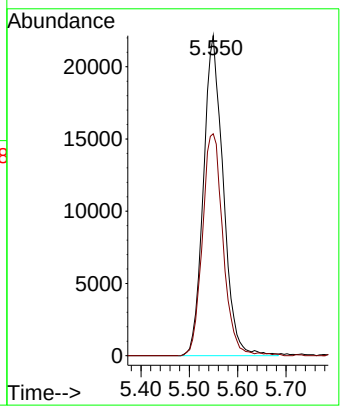


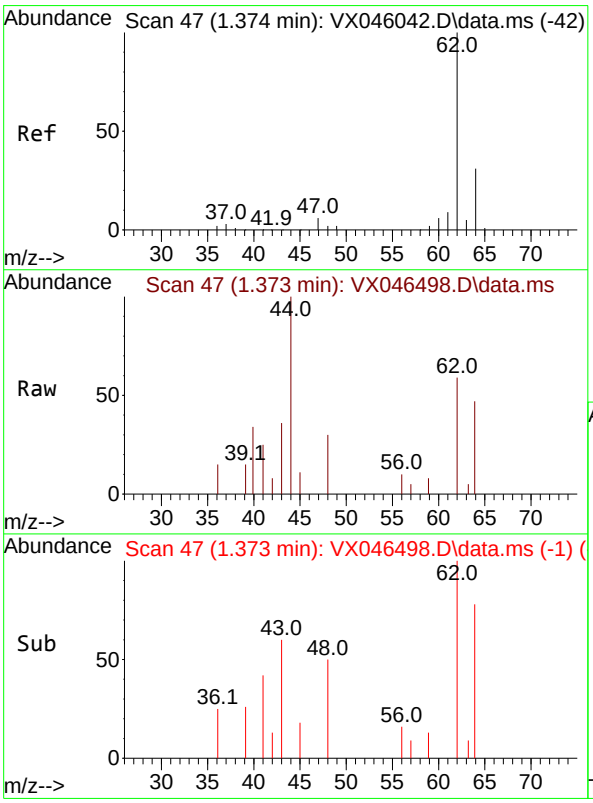
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:168 Resp: 62989

Ion	Ratio	Lower	Upper
168	100		
99	69.3	54.9	82.3

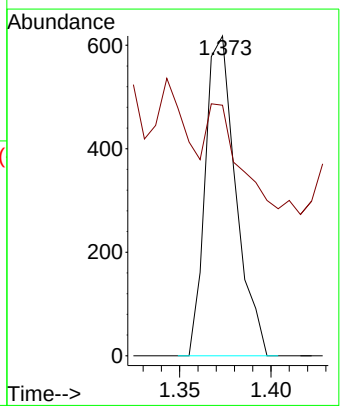


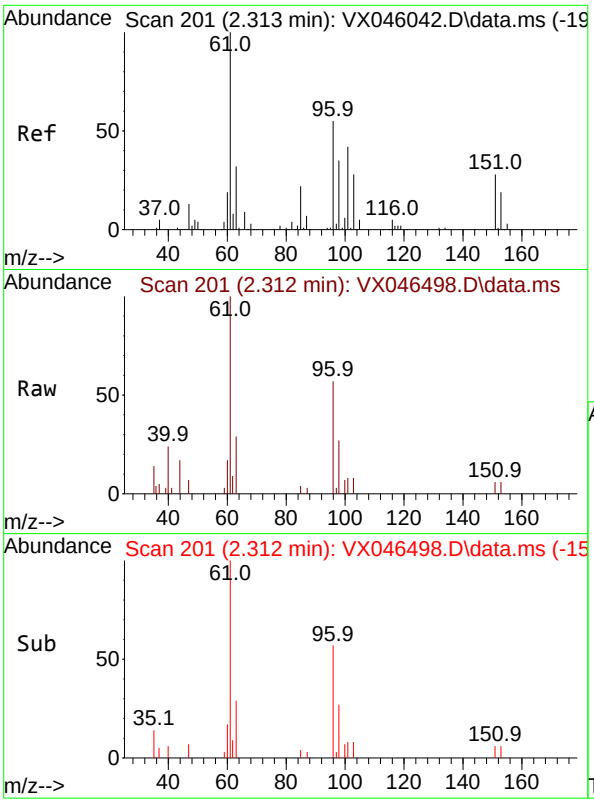


#4
Vinyl Chloride
Concen: 0.823 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion: 62 Resp: 716

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.2	37.8



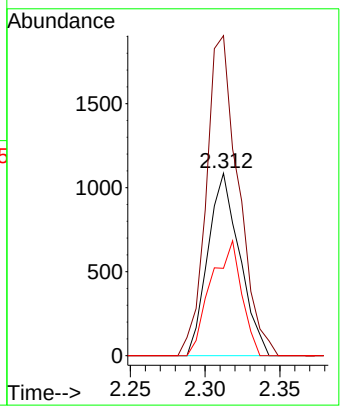


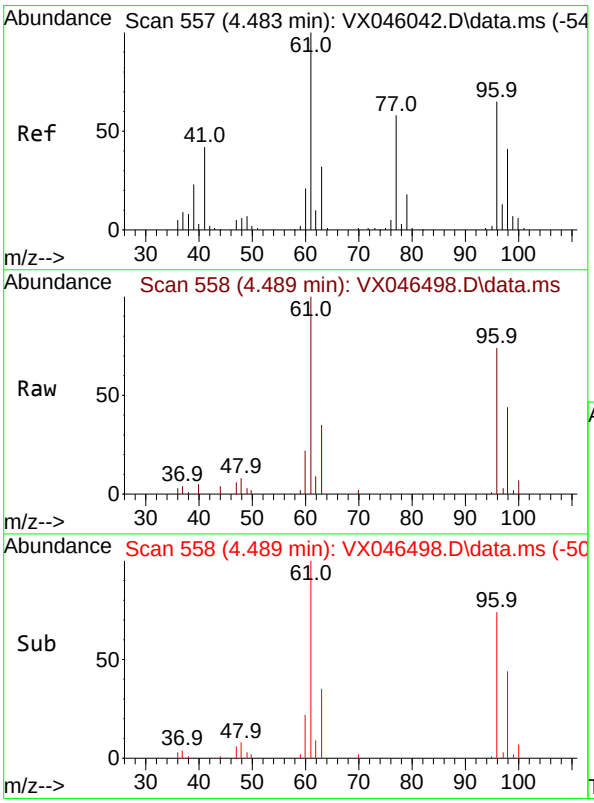
#12
1,1-Dichloroethene
Concen: 2.146 ug/l
RT: 2.312 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion: 96 Resp: 1603

Ion	Ratio	Lower	Upper
96	100		
61	175.4	146.2	219.2
98	47.9	51.0	76.6#

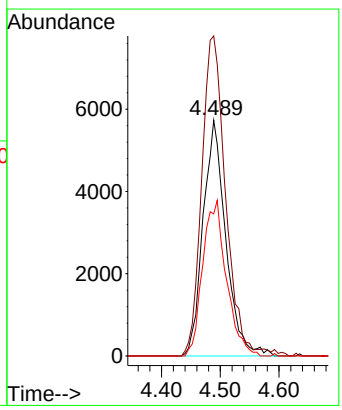


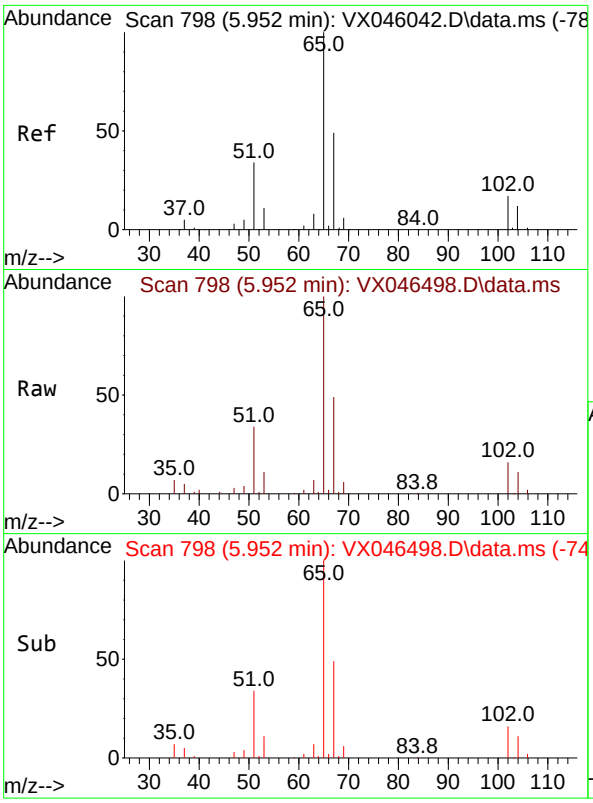


#27
cis-1,2-Dichloroethene
Concen: 17.051 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion: 96 Resp: 15418

Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	322.8
98	68.6	0.0	129.0



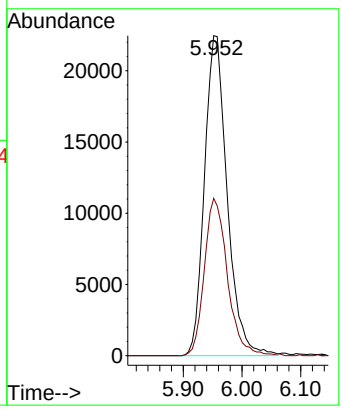


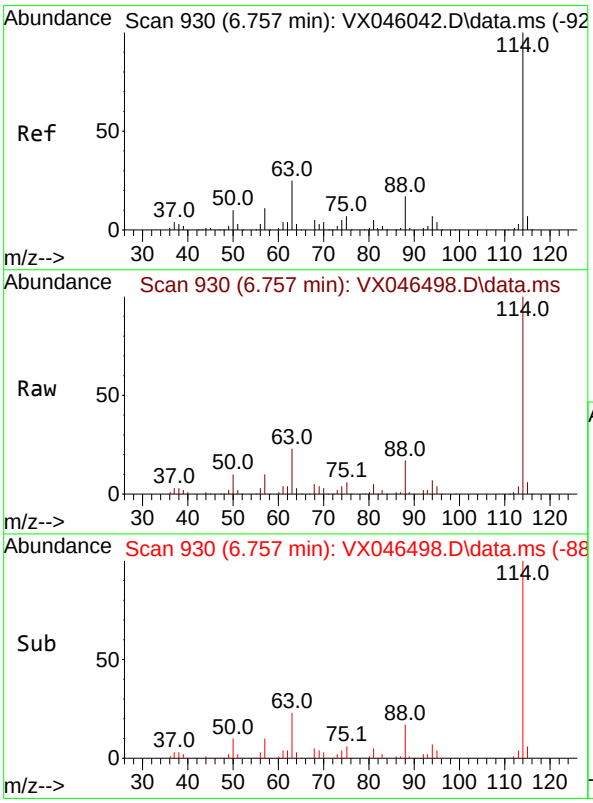
#33
1,2-Dichloroethane-d4
Concen: 51.335 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion: 65 Resp: 60283

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0

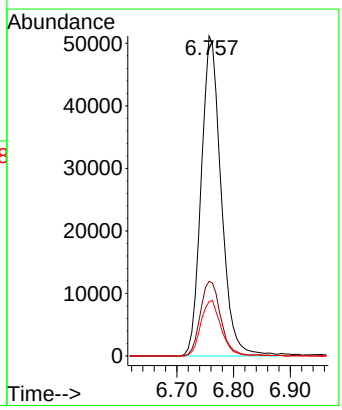


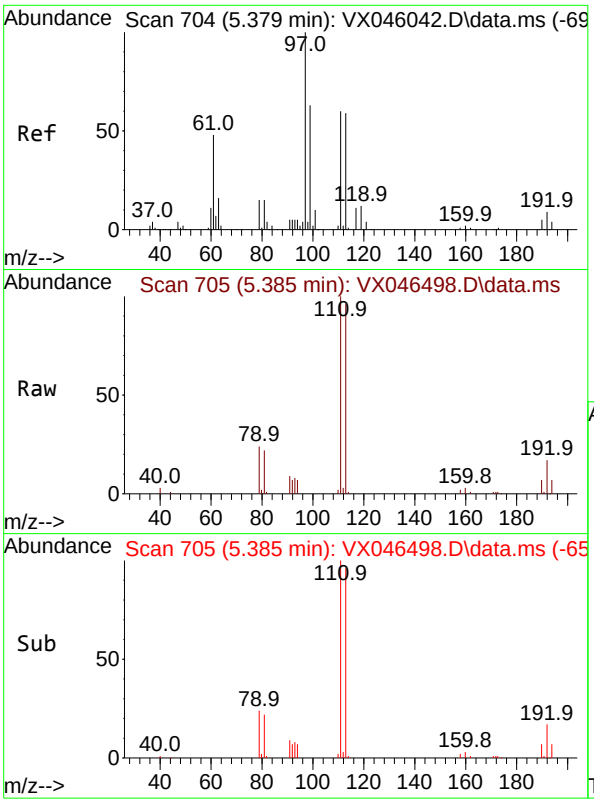


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion:114 Resp: 125027

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	49.2
88	17.0	0.0	33.6



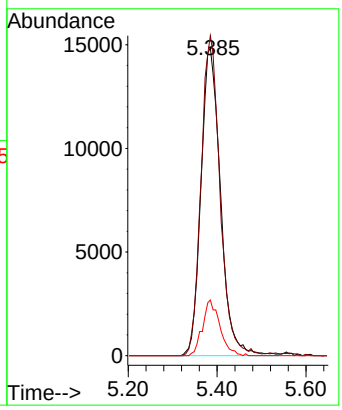


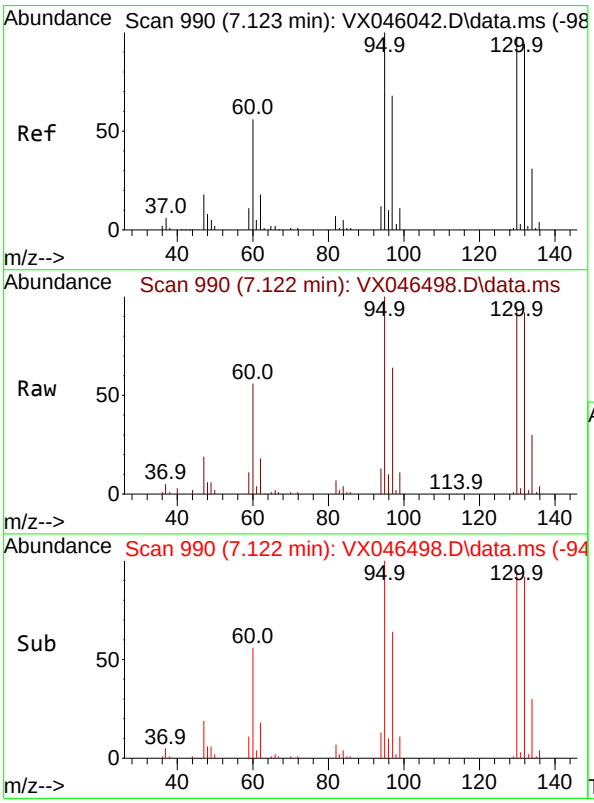
#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:113 Resp: 45387

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.1	124.7
192	16.1	13.3	19.9

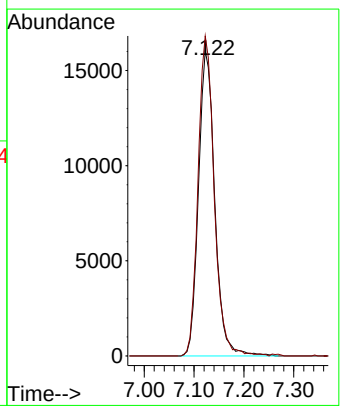


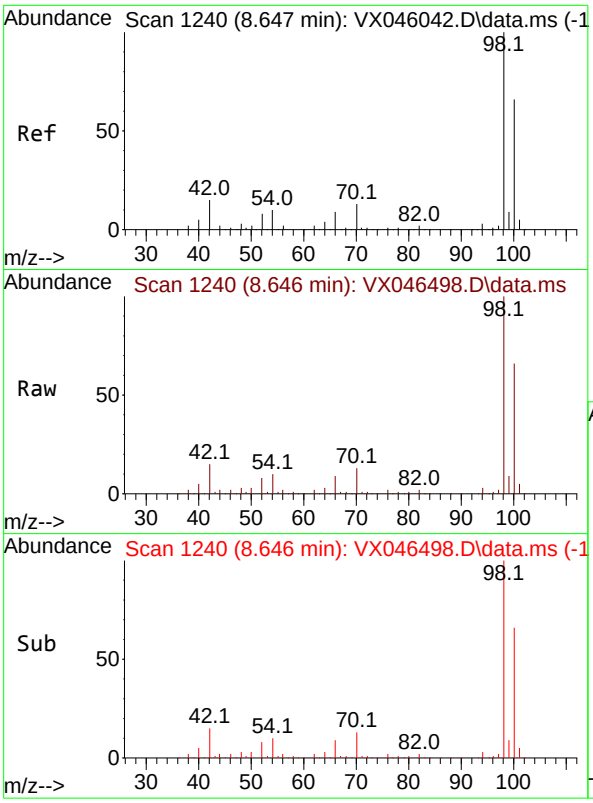


#44
Trichloroethene
Concen: 42.679 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion:130 Resp: 36397

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	204.2



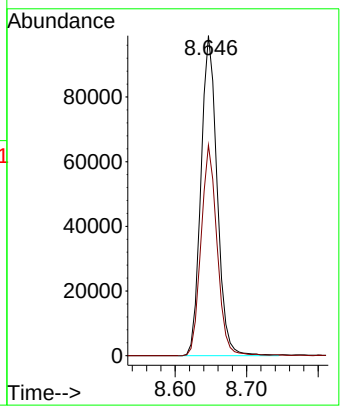


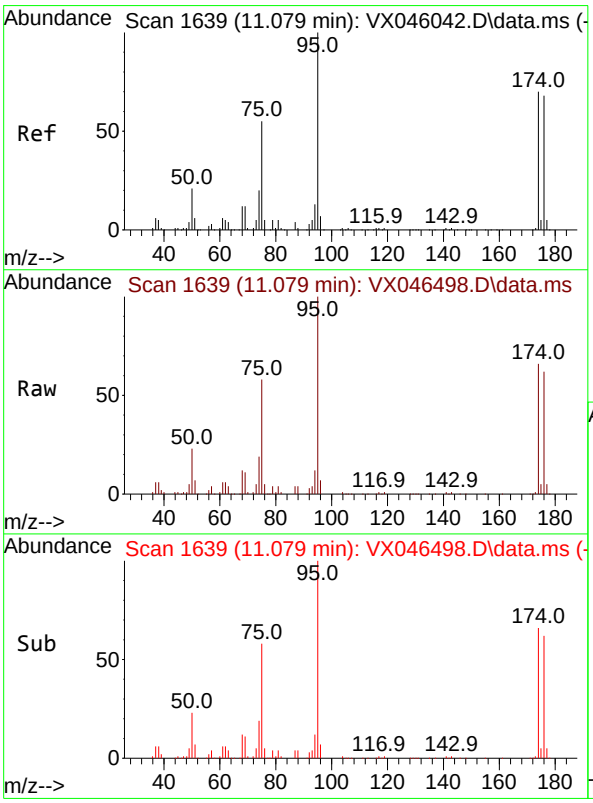
#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion: 98 Resp: 155704

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.5	80.3

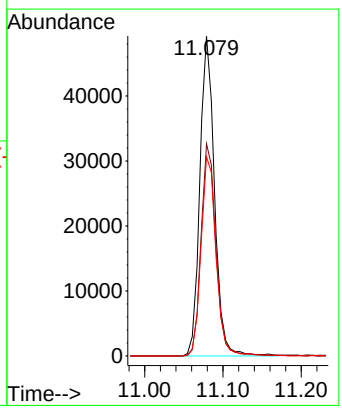


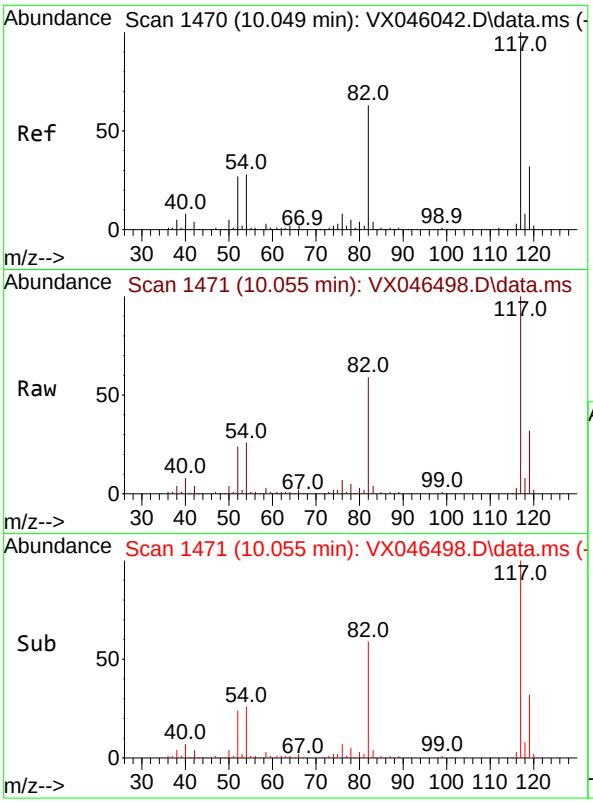


#62
4-Bromofluorobenzene
Concen: 53.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion: 95 Resp: 63770

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	64.0	0.0	131.4



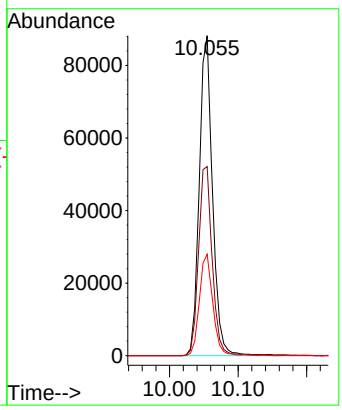


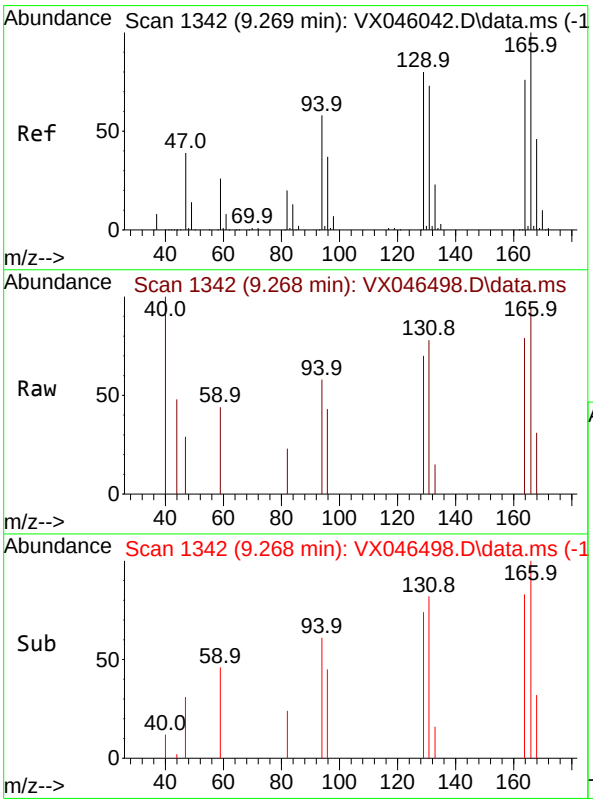
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:117 Resp: 118665

Ion	Ratio	Lower	Upper
117	100		
82	59.1	50.6	76.0
119	31.7	25.8	38.6

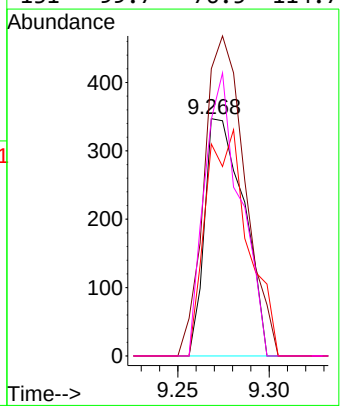


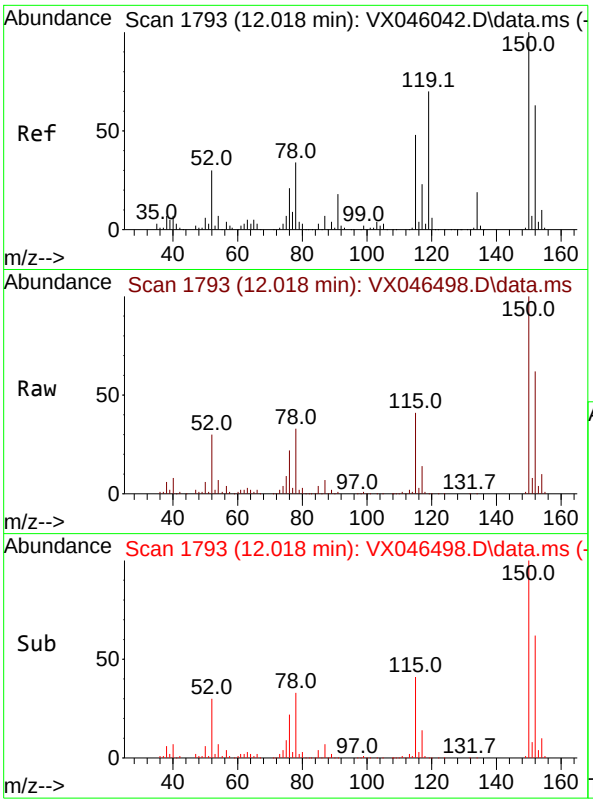


#64
Tetrachloroethene
Concen: 0.616 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion:164 Resp: 517

Ion	Ratio	Lower	Upper
164	100		
166	121.0	105.0	157.6
129	89.3	83.5	125.3
131	99.7	76.5	114.7



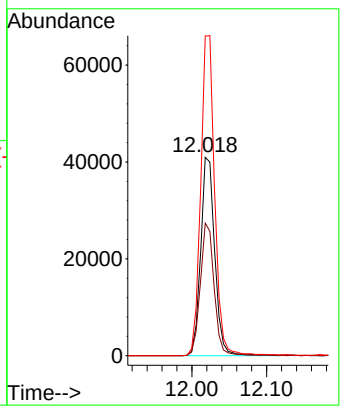


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:152 Resp: 53639

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	160.9	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046499.D
Acq On : 04 Jun 2025 14:39
Operator : JC/MD
Sample : Q2200-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Quant Time: Jun 05 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

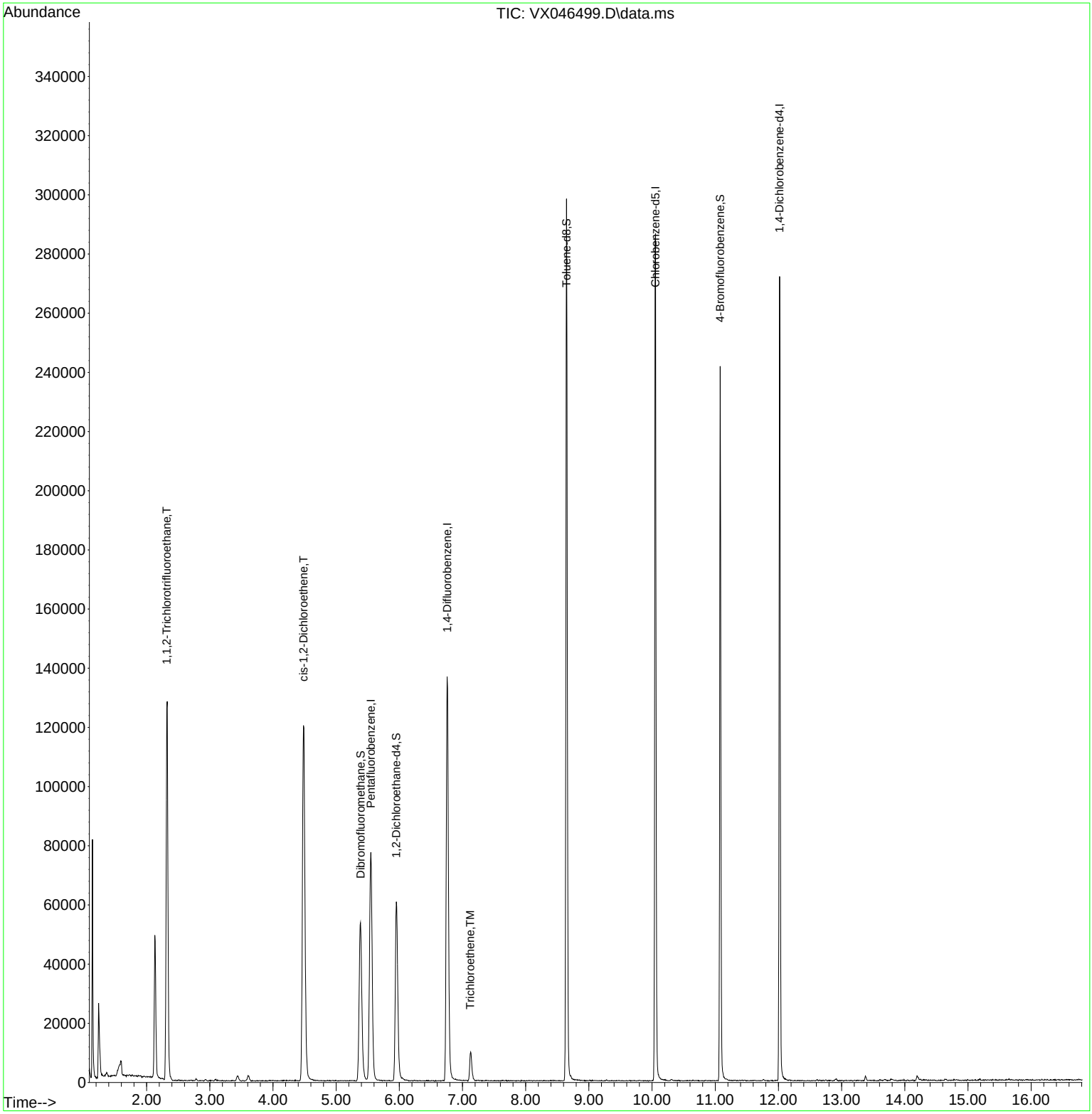
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	65911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62626	50.965	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	5.385	113	47755	50.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	165809	50.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	63901	50.610	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.220%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	51247	61.541	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	73087	77.246	ug/l	89
44) Trichloroethene	7.123	130	3998	4.438	ug/l	92

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

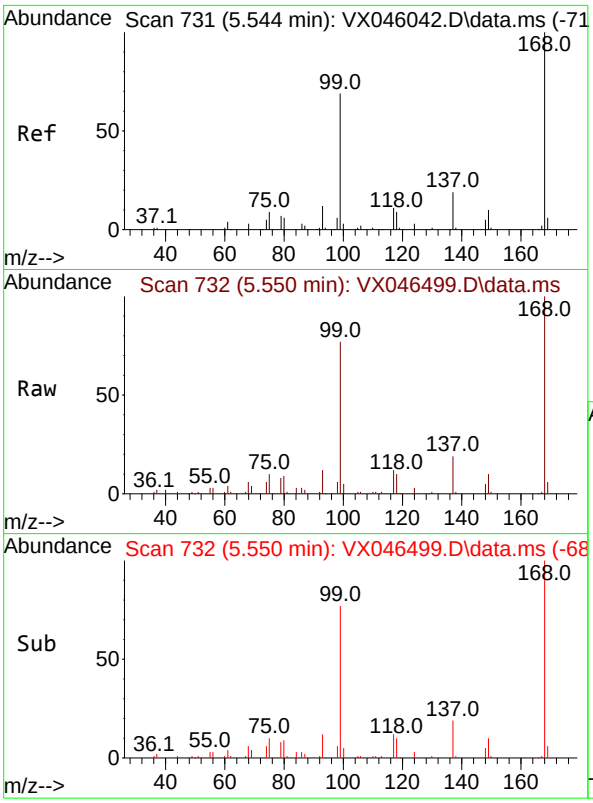
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046499.D
Acq On : 04 Jun 2025 14:39
Operator : JC/MD
Sample : Q2200-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Quant Time: Jun 05 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



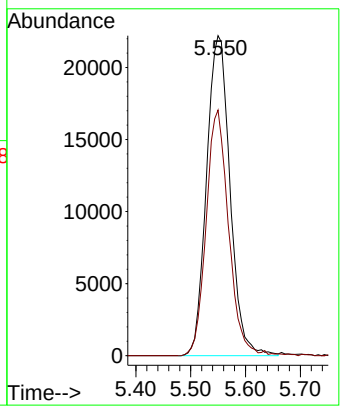
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

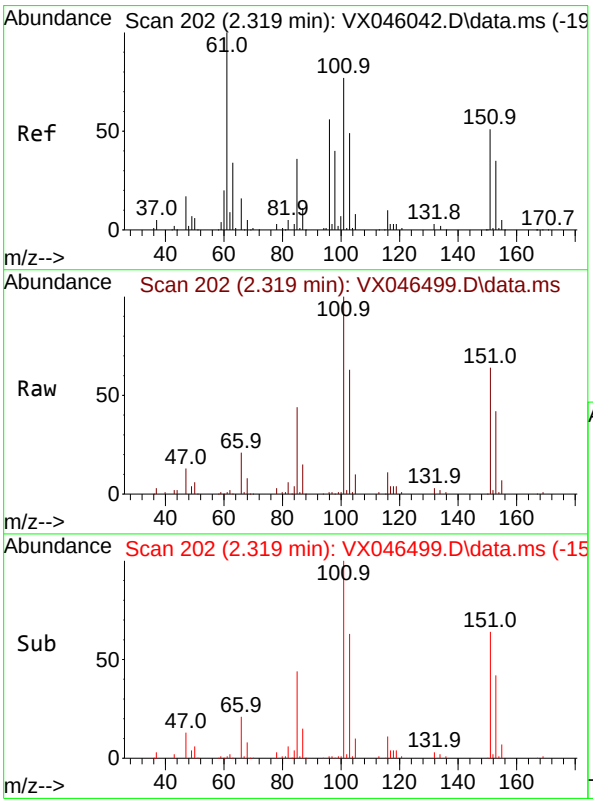


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:168 Resp: 65911

Ion	Ratio	Lower	Upper
168	100		
99	76.7	54.9	82.3

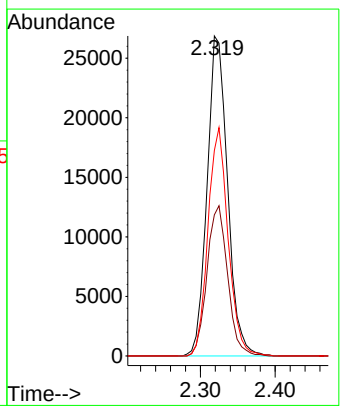




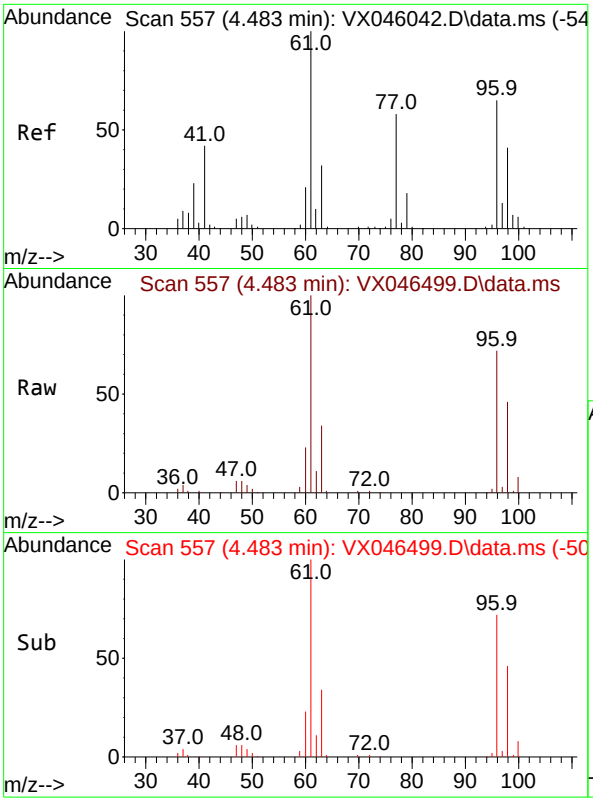
#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.541 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:101 Resp: 51247

Ion	Ratio	Lower	Upper
101	100		
85	47.4	38.6	58.0
151	70.2	55.2	82.8



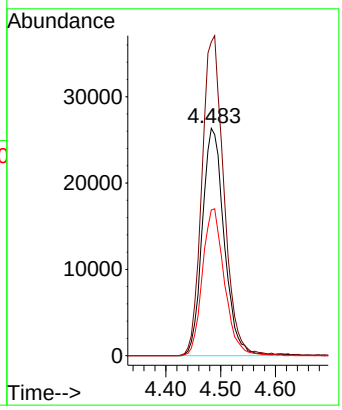
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

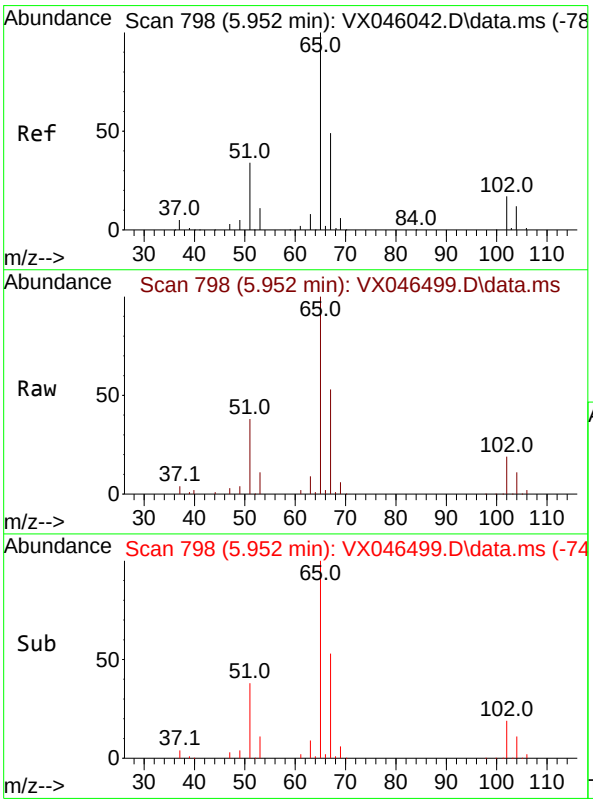


#27
cis-1,2-Dichloroethene
Concen: 77.246 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 96 Resp: 73087

Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	322.8
98	64.8	0.0	129.0

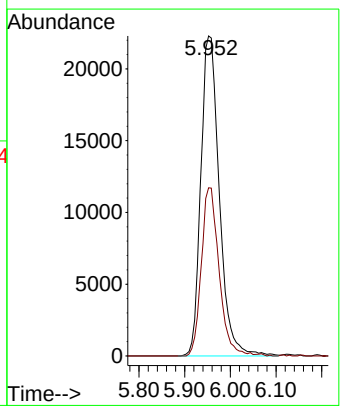


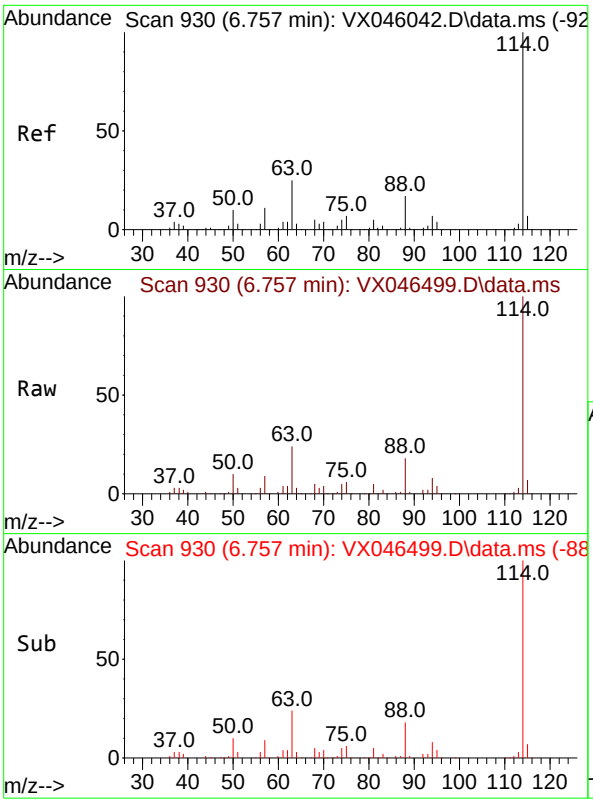


#33
1,2-Dichloroethane-d4
Concen: 50.965 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 65 Resp: 62626

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.0



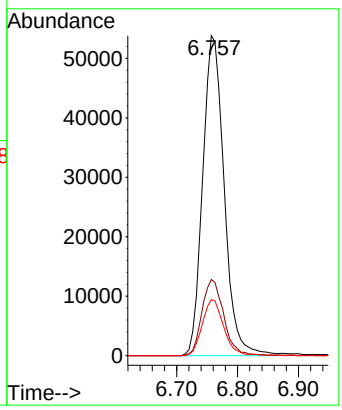


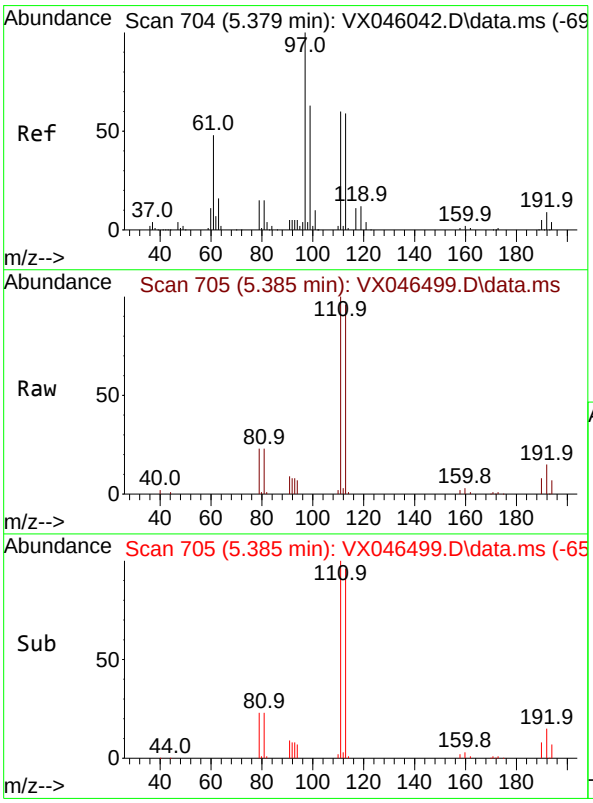
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:114 Resp: 132066

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	17.5	0.0	33.6

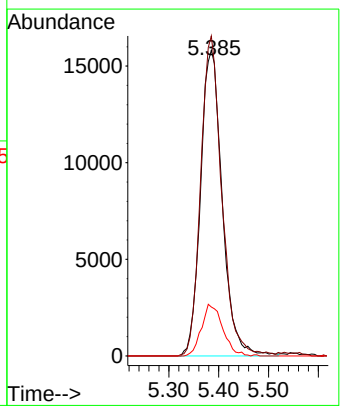




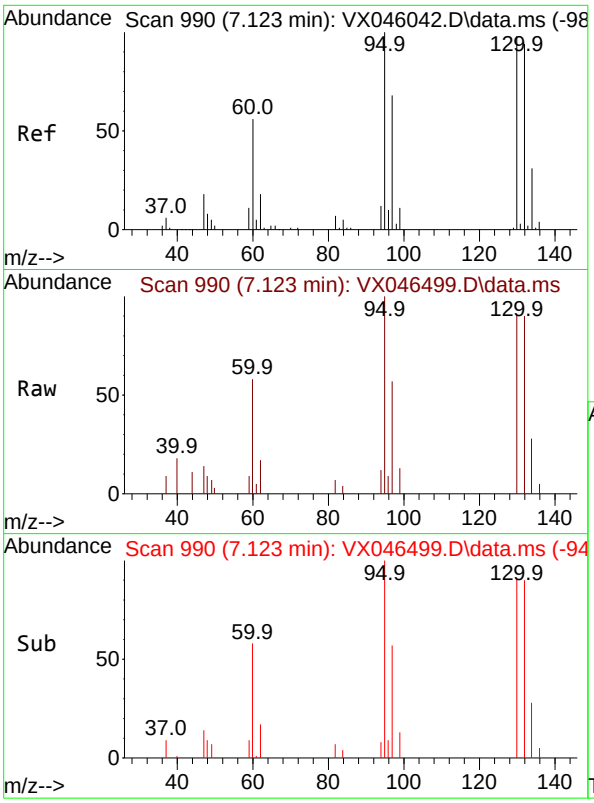
#35
Dibromofluoromethane
Concen: 50.215 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:113 Resp: 47755

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	16.5	13.3	19.9



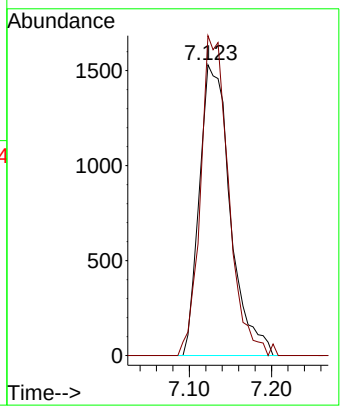
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

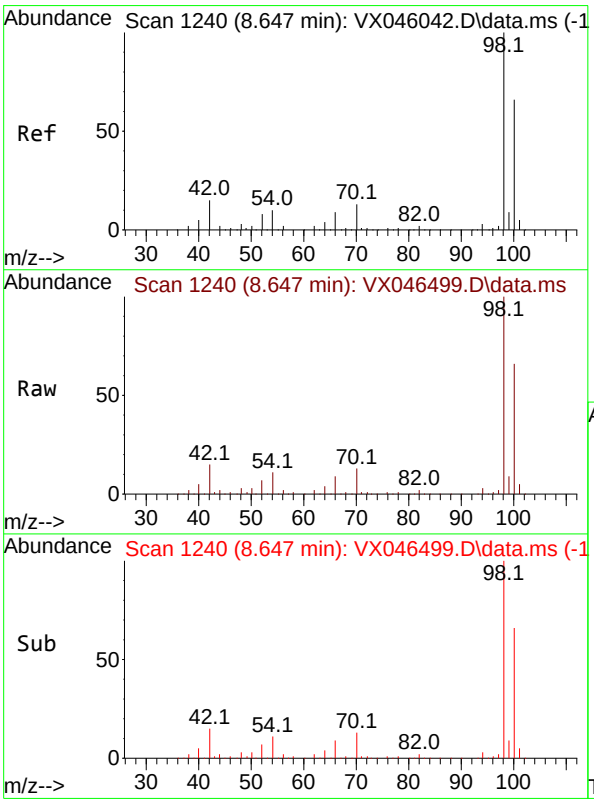


#44
Trichloroethene
Concen: 4.438 ug/l
RT: 7.123 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:130 Resp: 3998

Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	204.2

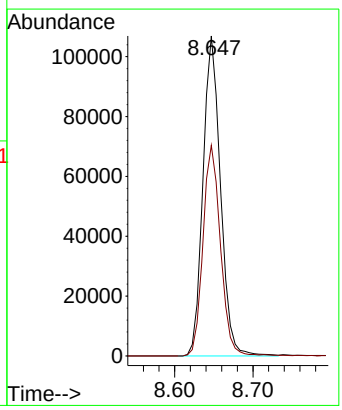


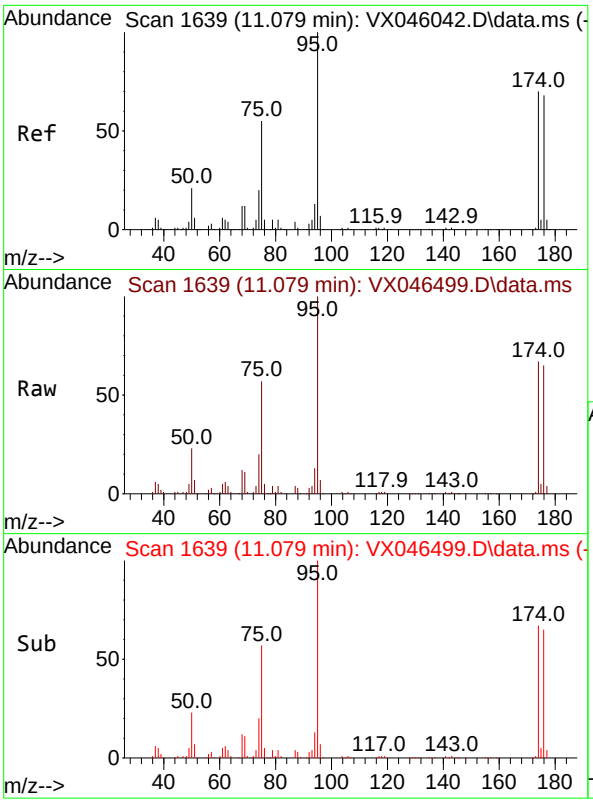


#50
Toluene-d8
Concen: 50.374 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion: 98 Resp: 165809

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3



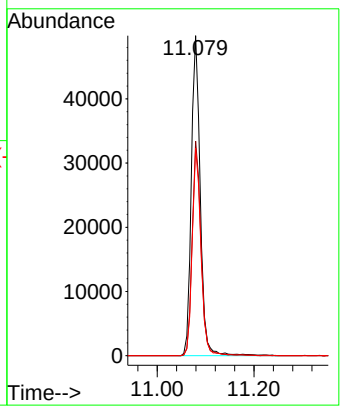


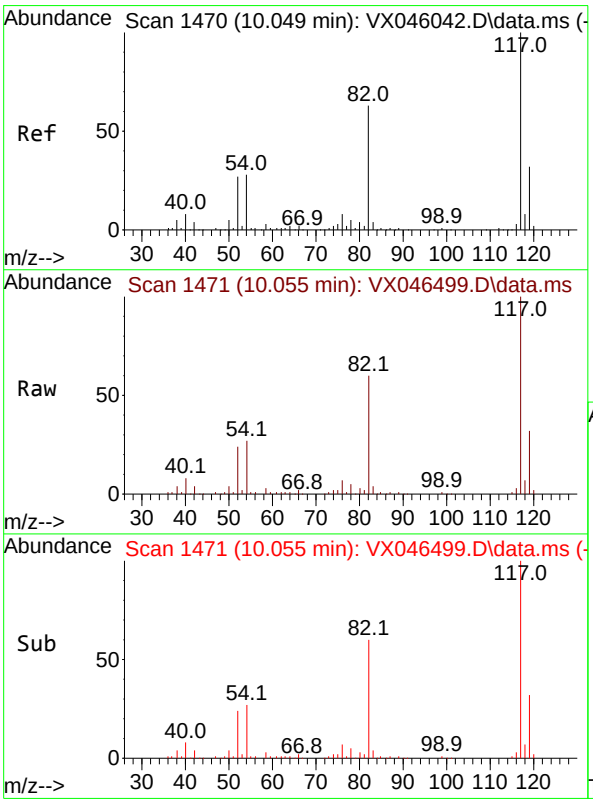
#62
4-Bromofluorobenzene
Concen: 50.610 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Tgt Ion: 95 Resp: 63901

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	135.8
176	63.6	0.0	131.4

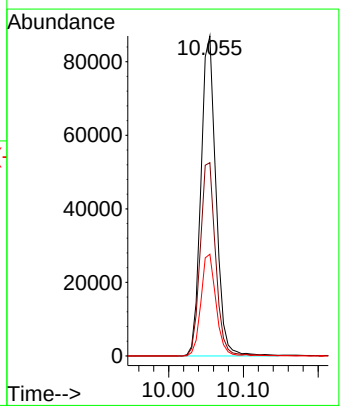


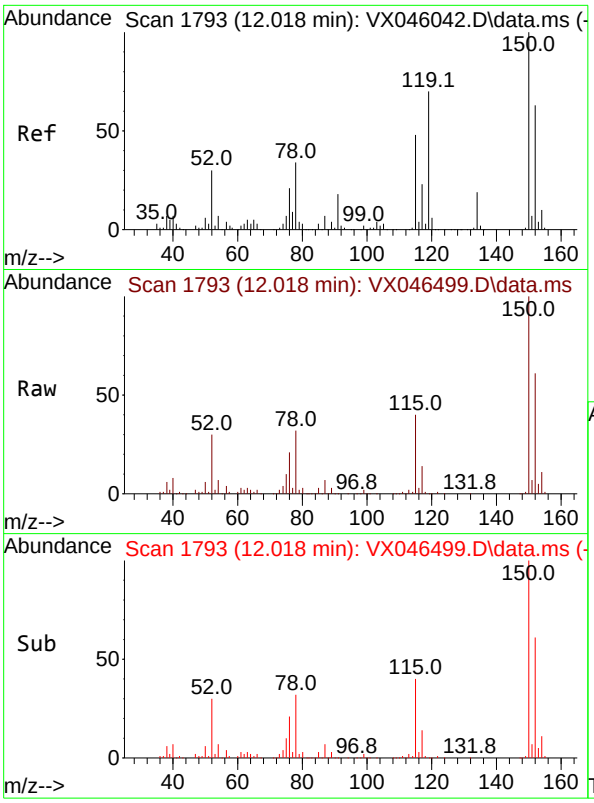


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Tgt Ion:117 Resp: 121549

Ion	Ratio	Lower	Upper
117	100		
82	60.4	50.6	76.0
119	31.8	25.8	38.6



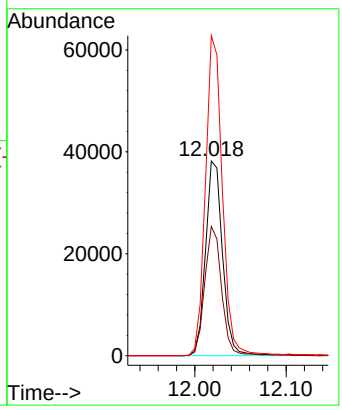


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046499.D
Acq: 04 Jun 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:152 Resp: 49186

Ion	Ratio	Lower	Upper
152	100		
115	66.0	46.9	140.7
150	163.5	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046504.D
Acq On : 04 Jun 2025 16:37
Operator : JC/MD
Sample : Q2200-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Quant Time: Jun 05 02:01:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

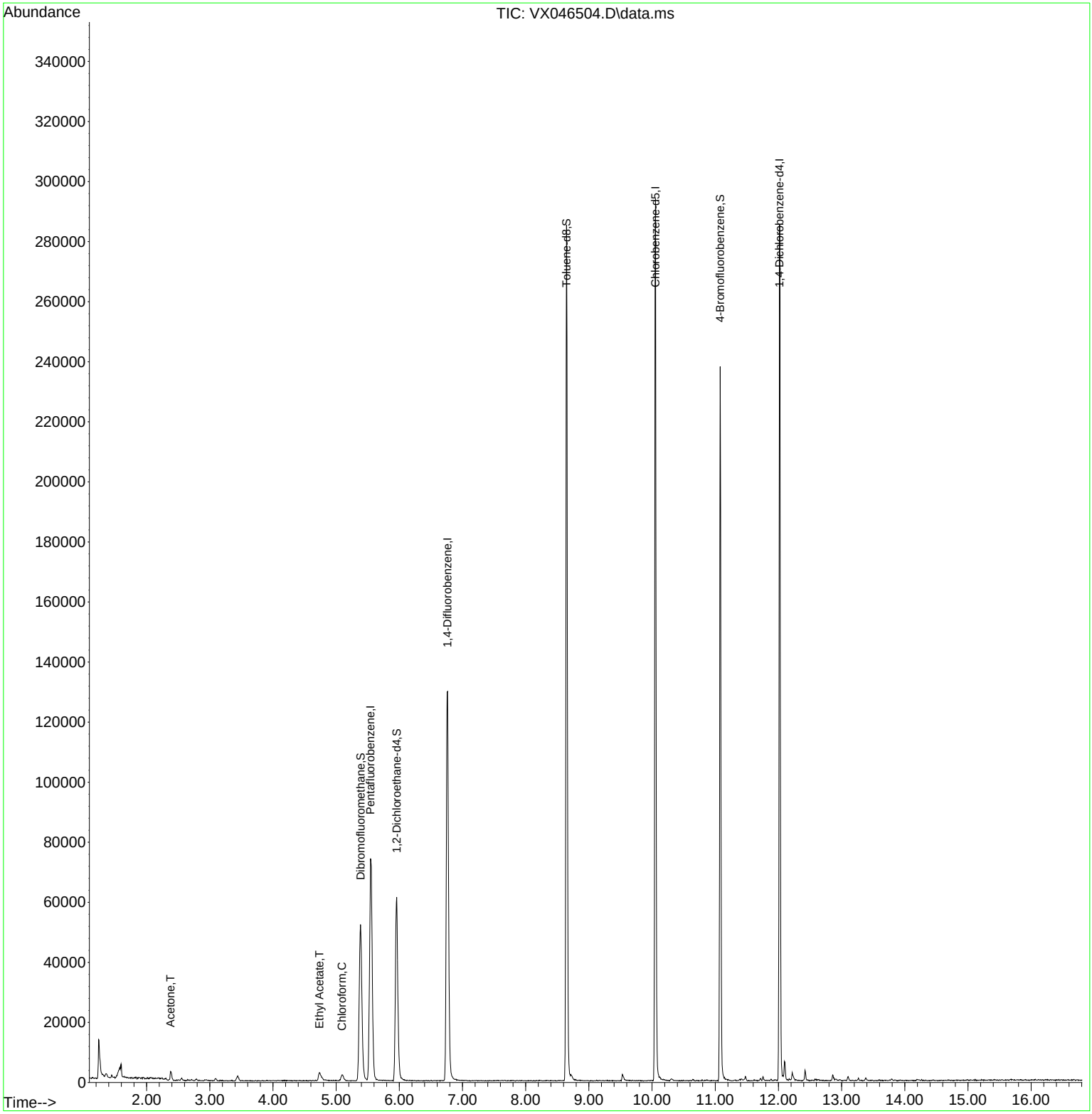
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	64028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62415	52.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.580%			
35) Dibromofluoromethane	5.385	113	45744	49.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	8.647	98	162070	50.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	64642	52.673	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3467	7.244	ug/l	96
30) Chloroform	5.092	83	2645	1.626	ug/l	96
37) Ethyl Acetate	4.733	43	5638	3.674	ug/l #	81

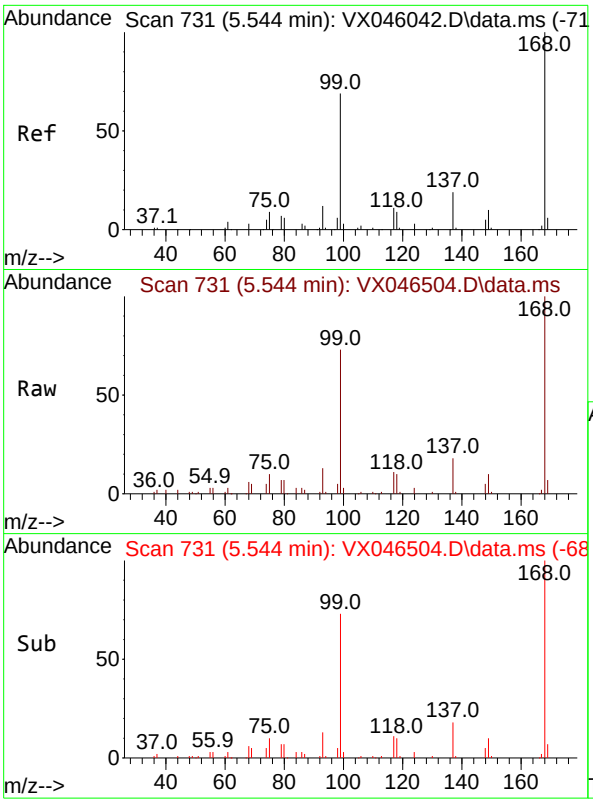
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046504.D
Acq On : 04 Jun 2025 16:37
Operator : JC/MD
Sample : Q2200-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Quant Time: Jun 05 02:01:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



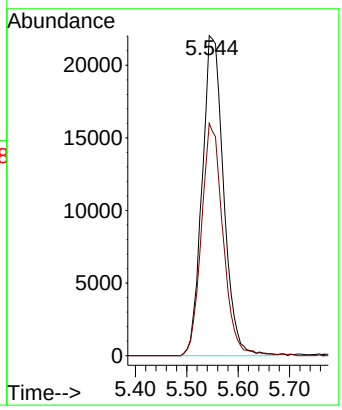


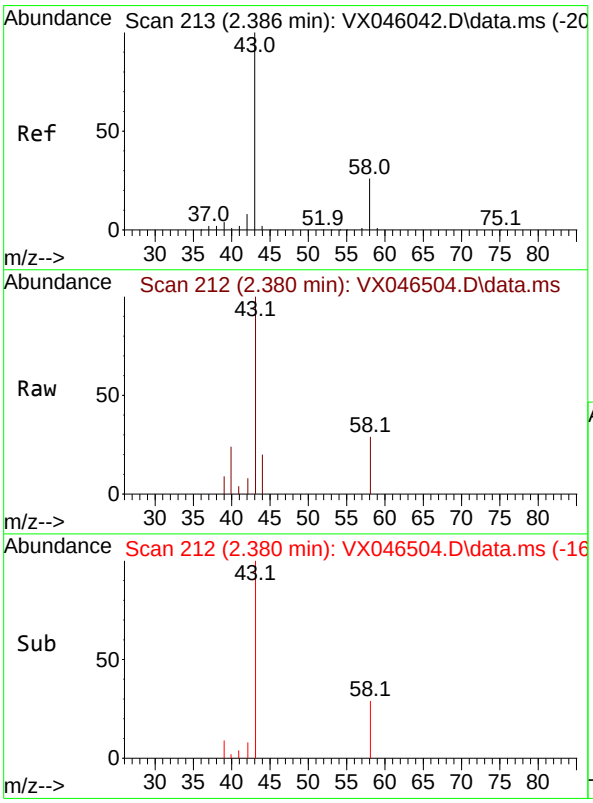
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Tgt Ion:168 Resp: 64028

Ion	Ratio	Lower	Upper
168	100		
99	72.6	54.9	82.3

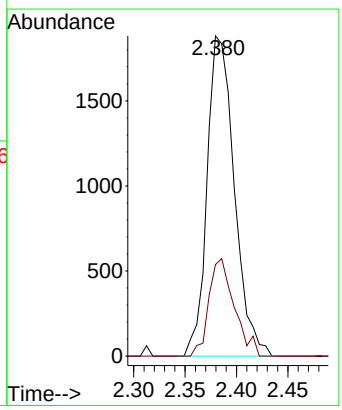




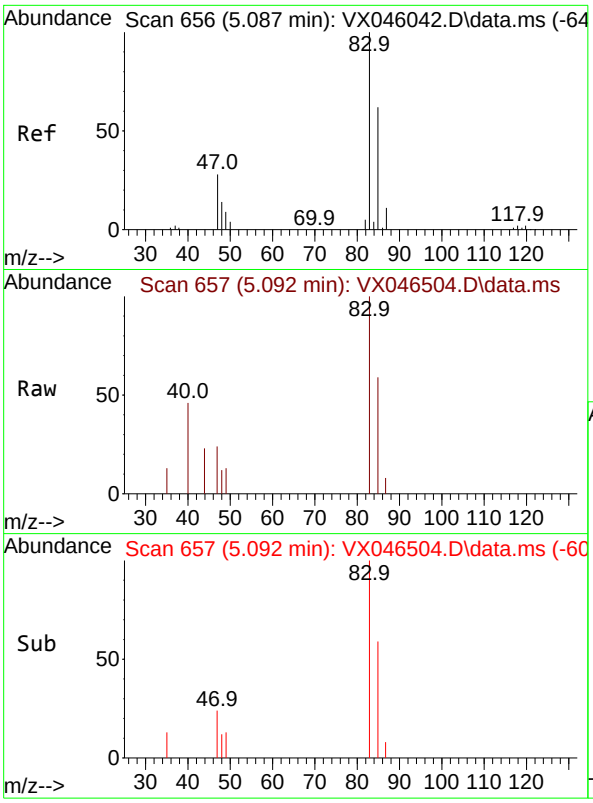
#16
Acetone
Concen: 7.244 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion: 43 Resp: 3467

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8



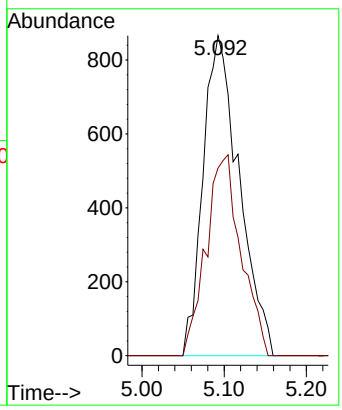
Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

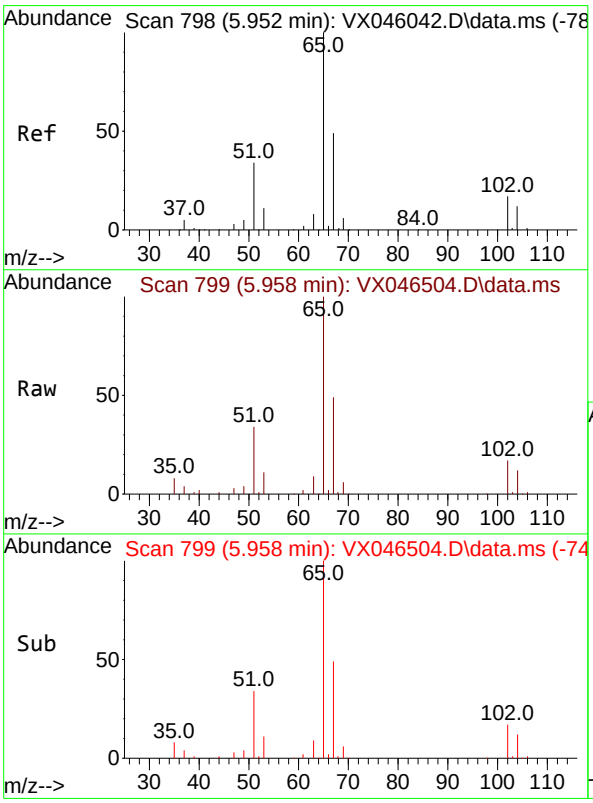


#30
Chloroform
Concen: 1.626 ug/l
RT: 5.092 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion: 83 Resp: 2645

Ion	Ratio	Lower	Upper
83	100		
85	58.7	49.3	73.9

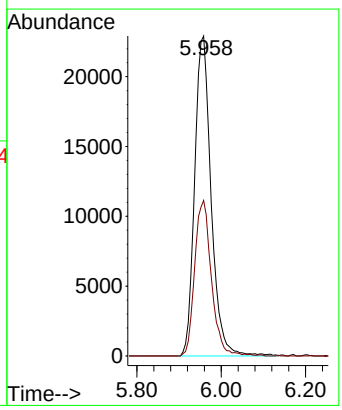


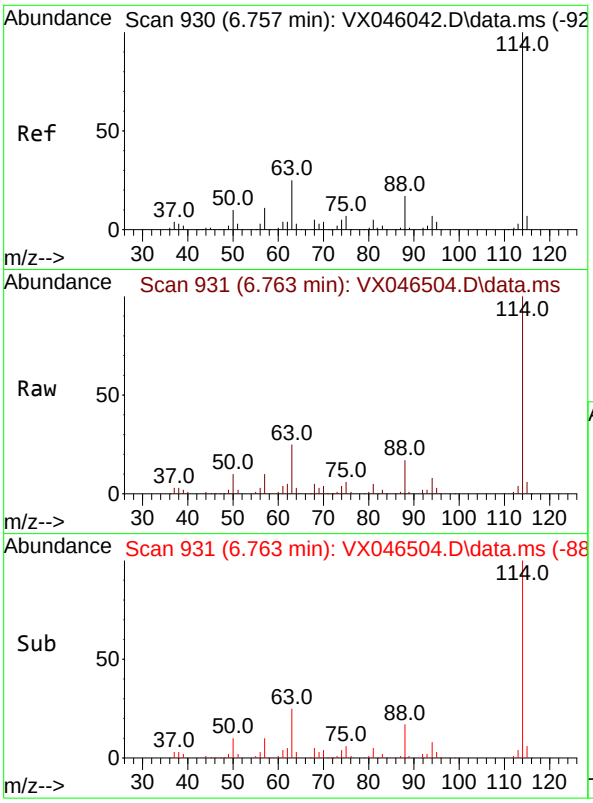


#33
1,2-Dichloroethane-d4
Concen: 52.288 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion: 65 Resp: 62415

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0



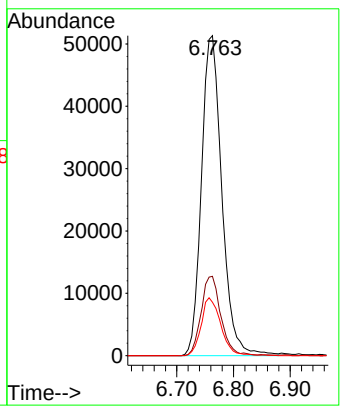


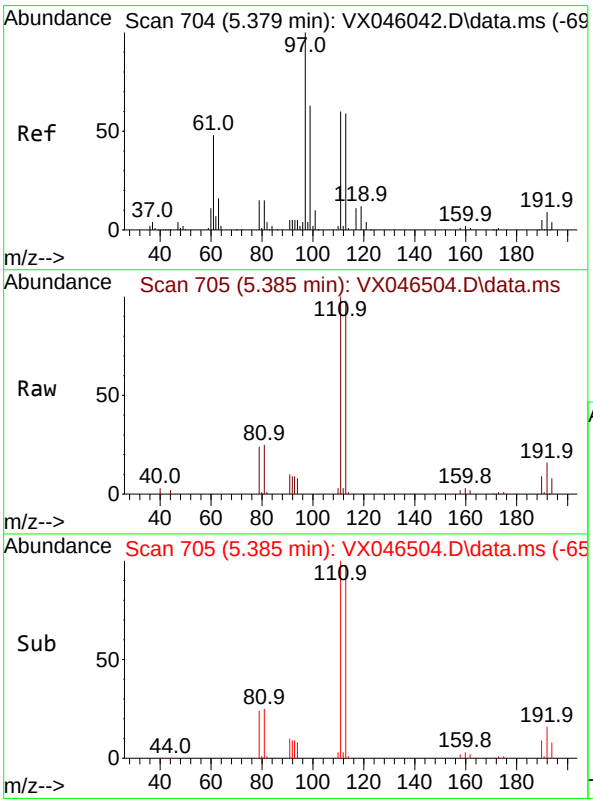
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Tgt Ion:114 Resp: 128366

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.7	0.0	33.6

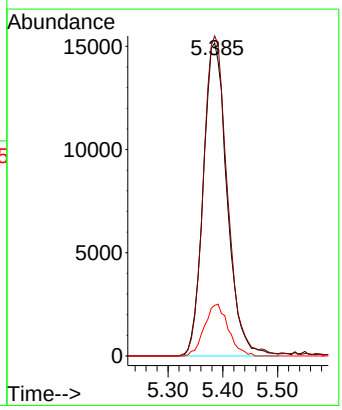


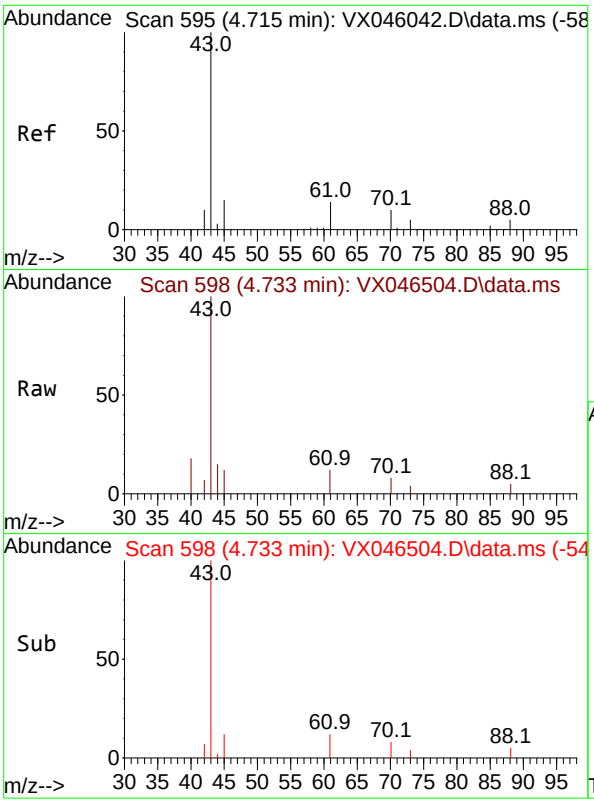


#35
Dibromofluoromethane
Concen: 49.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion:113 Resp: 45744

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	16.6	13.3	19.9



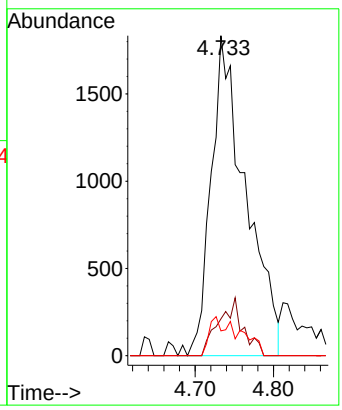


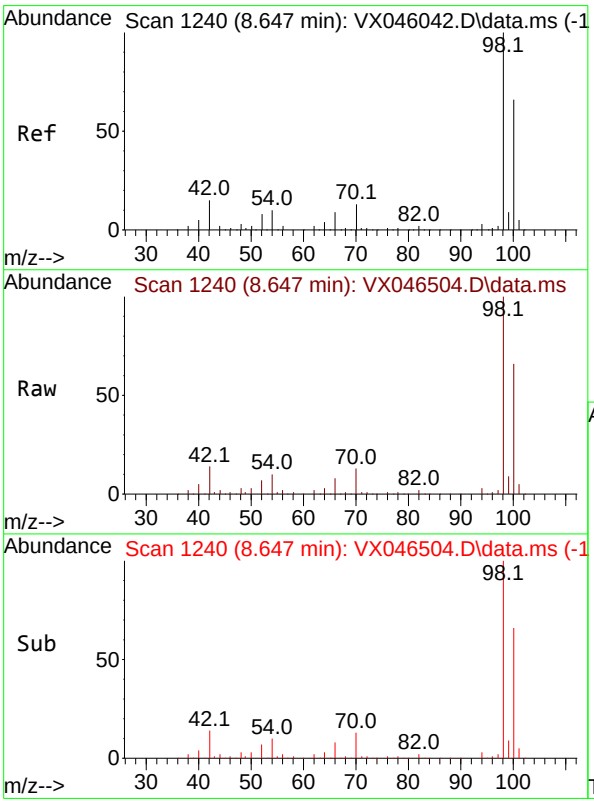
#37
Ethyl Acetate
Concen: 3.674 ug/l
RT: 4.733 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Tgt Ion: 43 Resp: 5638

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	10.5	7.9	11.9

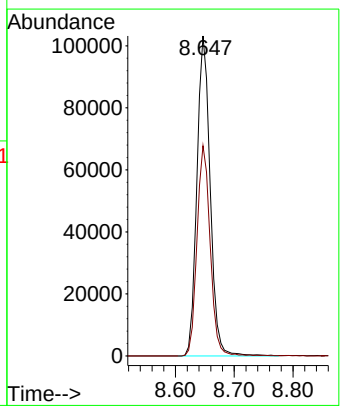


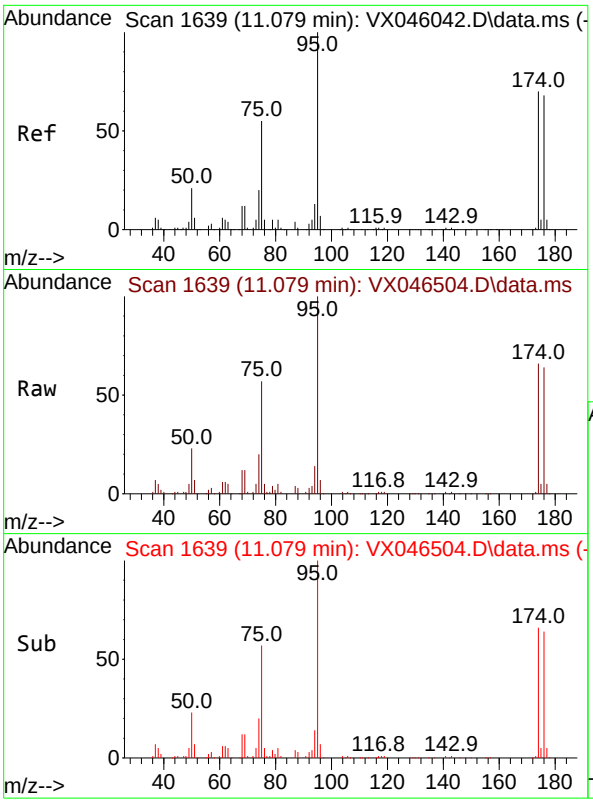


#50
Toluene-d8
Concen: 50.657 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion: 98 Resp: 162070

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.5	80.3



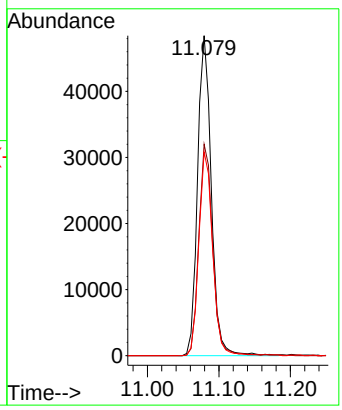


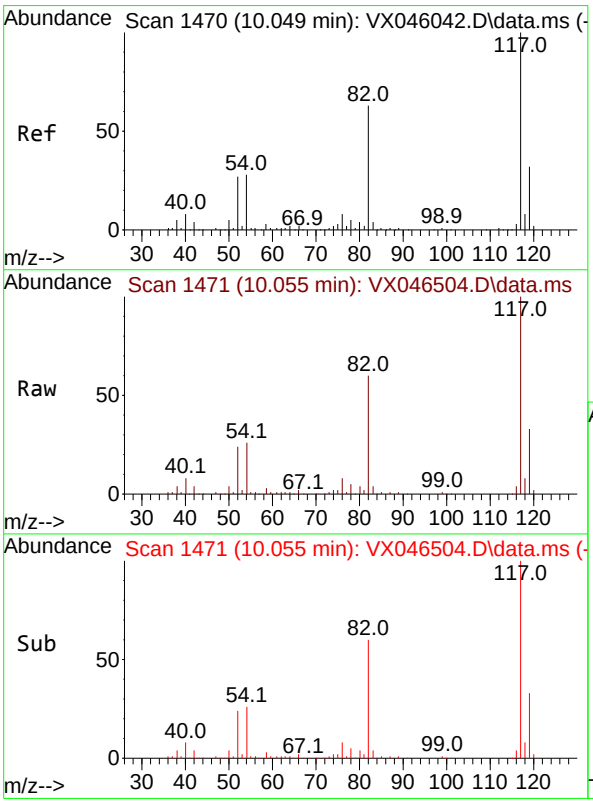
#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Tgt Ion: 95 Resp: 64642

Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	135.8
176	63.9	0.0	131.4

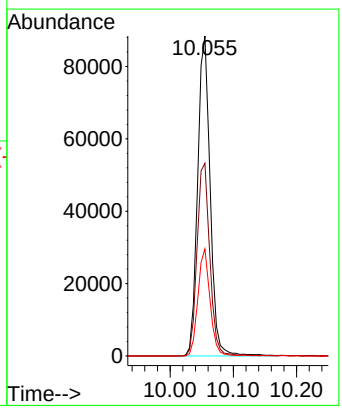


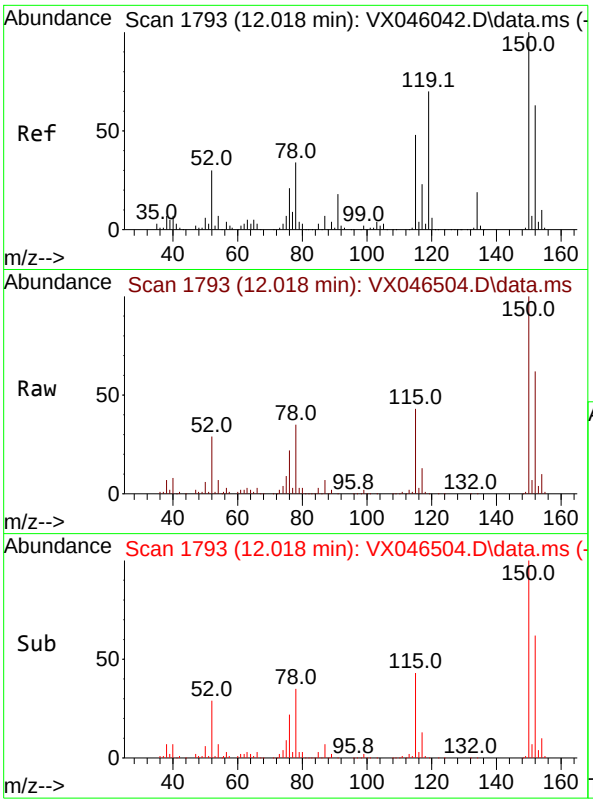


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Tgt Ion:117 Resp: 122354

Ion	Ratio	Lower	Upper
117	100		
82	60.2	50.6	76.0
119	33.5	25.8	38.6



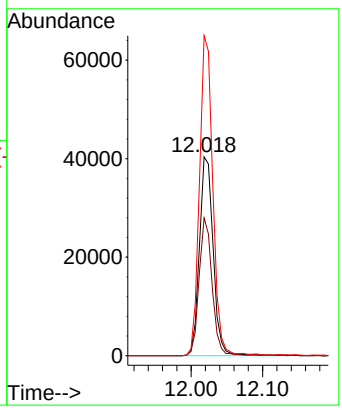


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046504.D
Acq: 04 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-060325

Tgt Ion:152 Resp: 53968

Ion	Ratio	Lower	Upper
152	100		
115	65.5	46.9	140.7
150	156.7	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046500.D
Acq On : 04 Jun 2025 15:02
Operator : JC/MD
Sample : Q2200-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Quant Time: Jun 05 01:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

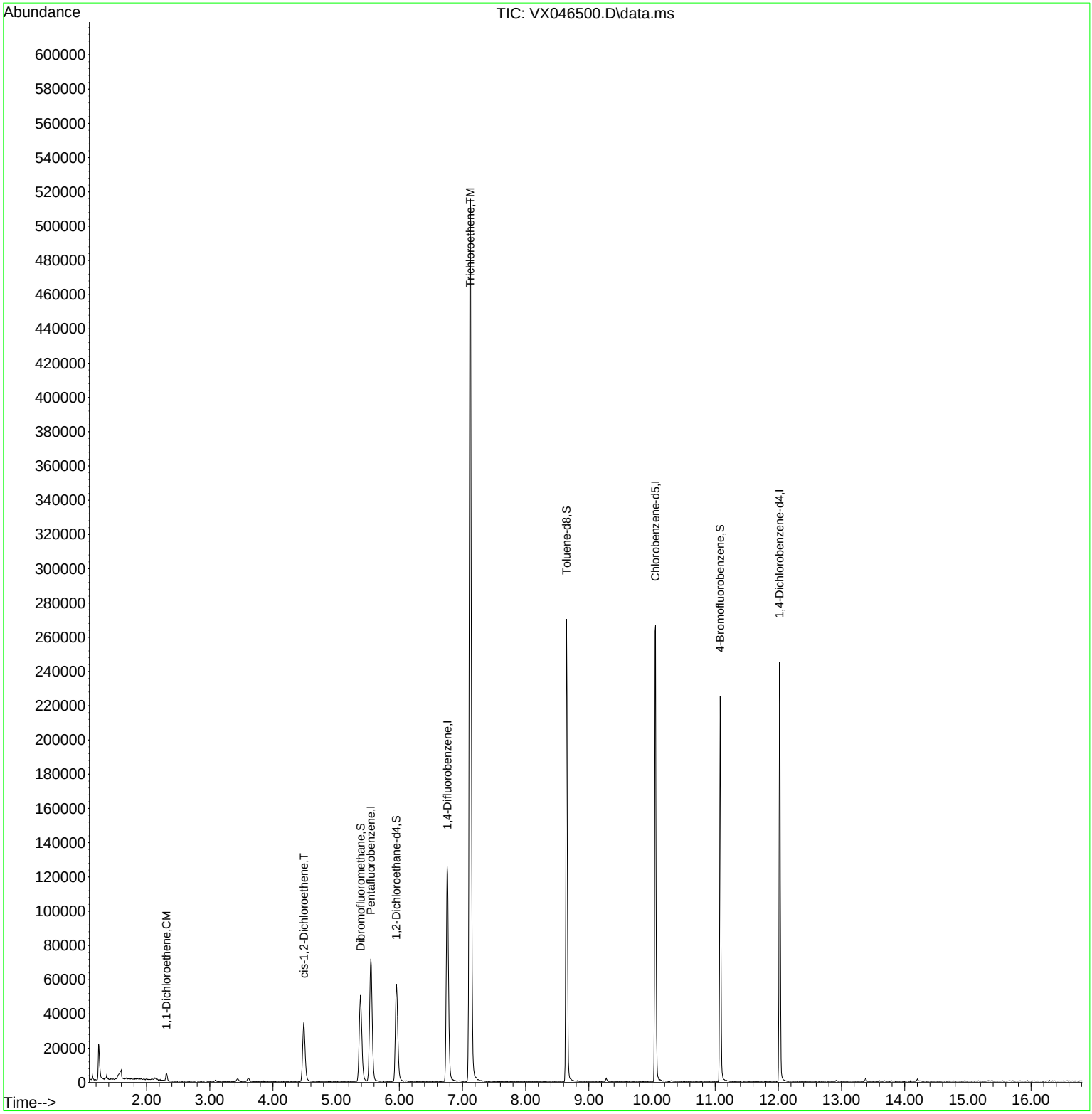
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	61191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59444	52.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	5.385	113	43765	49.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.660%			
50) Toluene-d8	8.647	98	151455	49.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	59009	50.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1260	1.737	ug/l #	95
27) cis-1,2-Dichloroethene	4.489	96	20620	23.474	ug/l	89
44) Trichloroethene	7.123	130	188738	226.852	ug/l	96

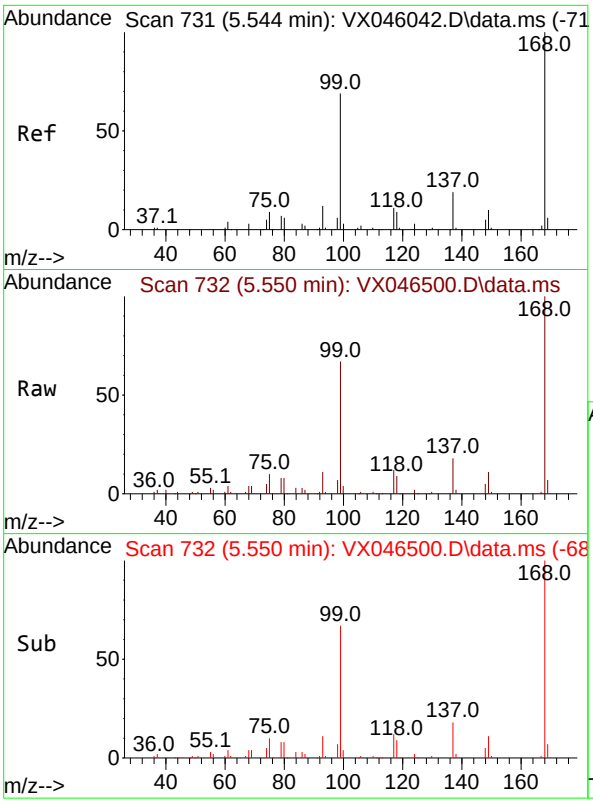
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046500.D
Acq On : 04 Jun 2025 15:02
Operator : JC/MD
Sample : Q2200-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Quant Time: Jun 05 01:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



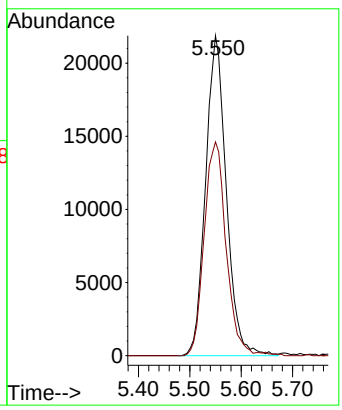


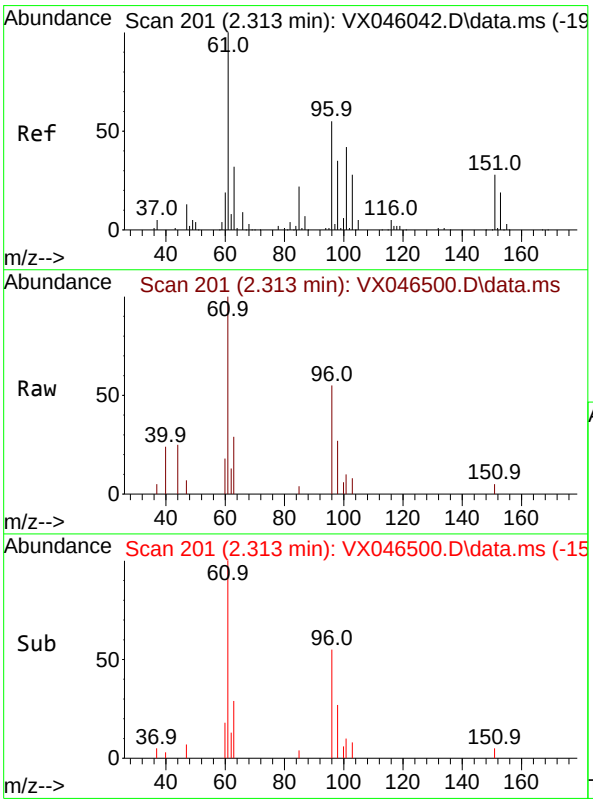
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:168 Resp: 61191

Ion	Ratio	Lower	Upper
168	100		
99	66.8	54.9	82.3

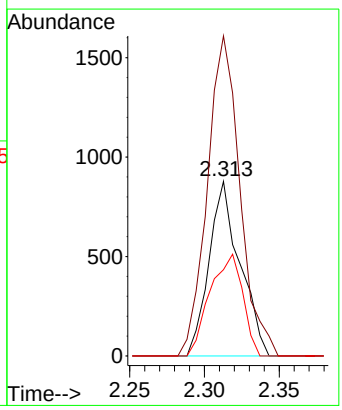




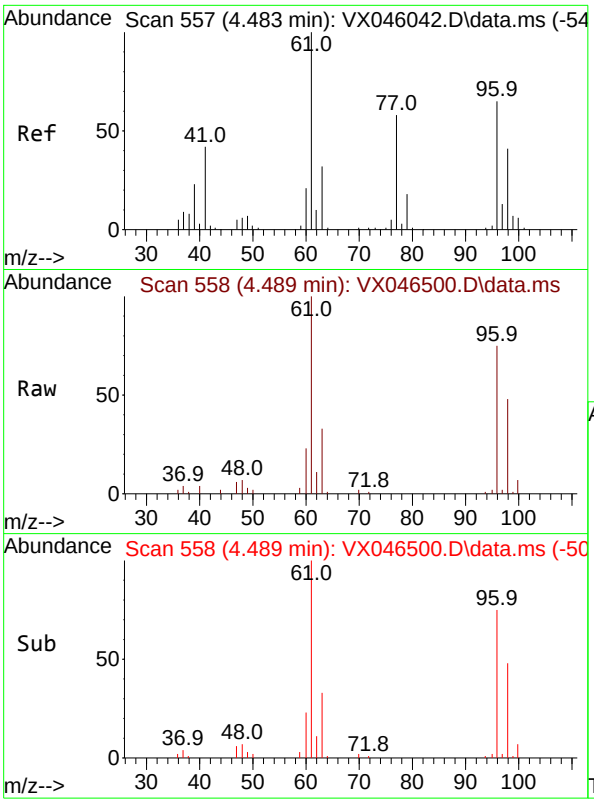
#12
1,1-Dichloroethene
Concen: 1.737 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 96 Resp: 1260

Ion	Ratio	Lower	Upper
96	100		
61	183.3	146.2	219.2
98	49.4	51.0	76.6#



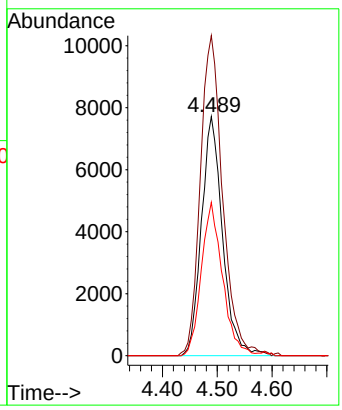
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

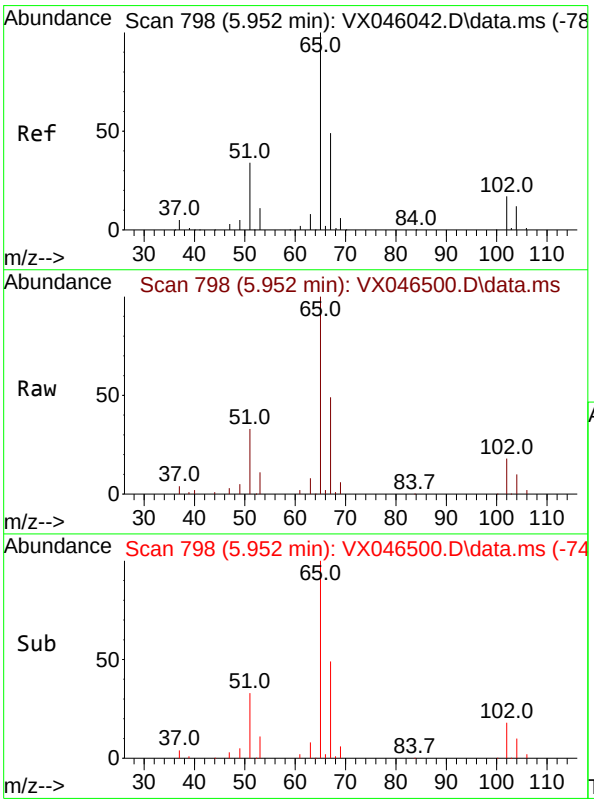


#27
cis-1,2-Dichloroethene
Concen: 23.474 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 96 Resp: 20620

Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	322.8
98	64.3	0.0	129.0

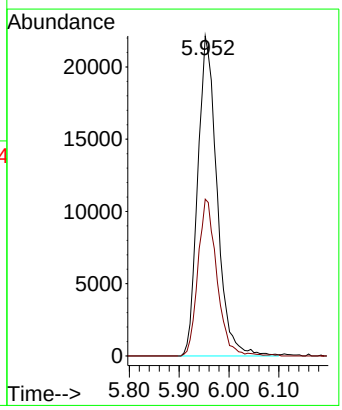


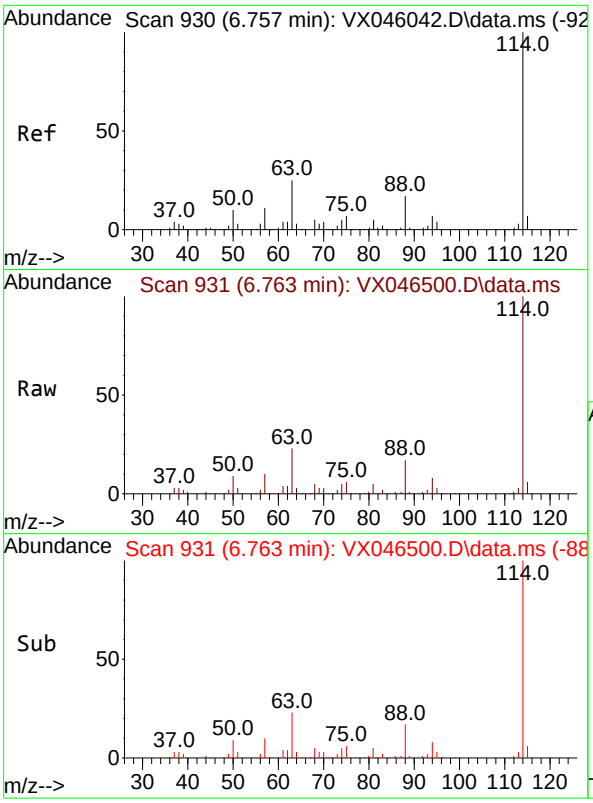


#33
1,2-Dichloroethane-d4
Concen: 52.107 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 65 Resp: 59444

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.0



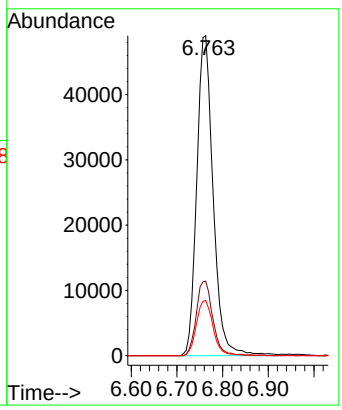


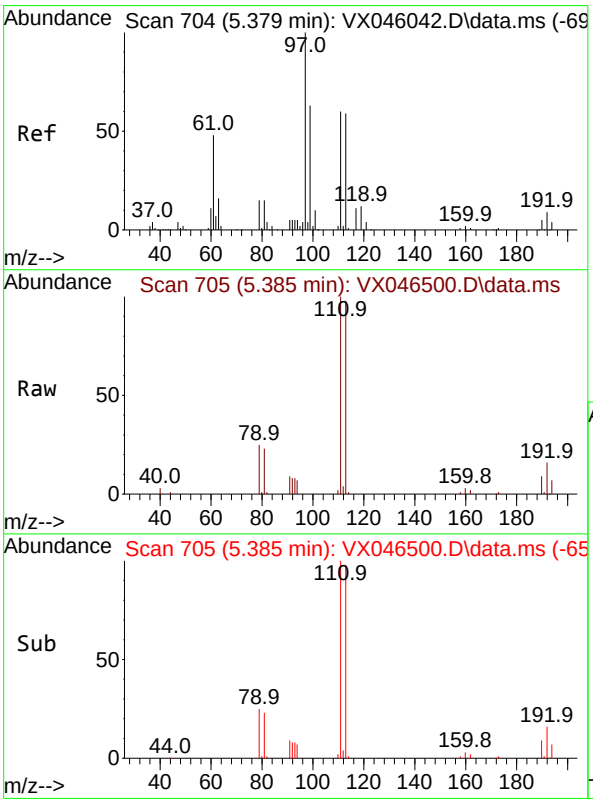
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:114 Resp: 121976

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	49.2
88	17.3	0.0	33.6

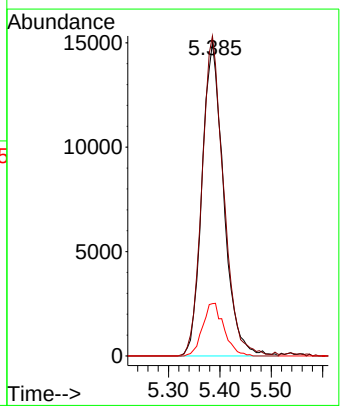


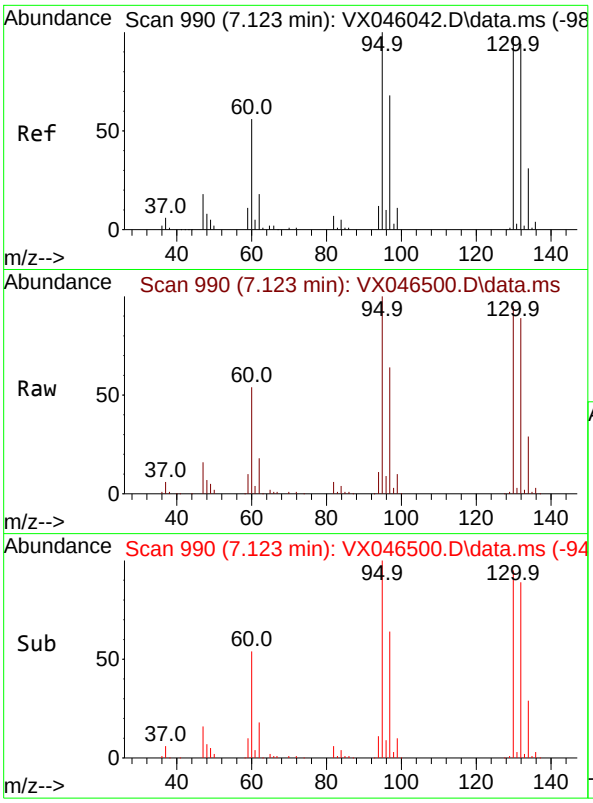


#35
Dibromofluoromethane
Concen: 49.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion:113 Resp: 43765

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	16.6	13.3	19.9



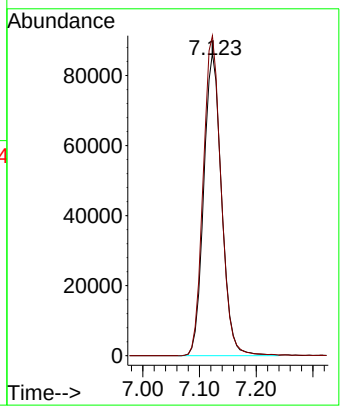


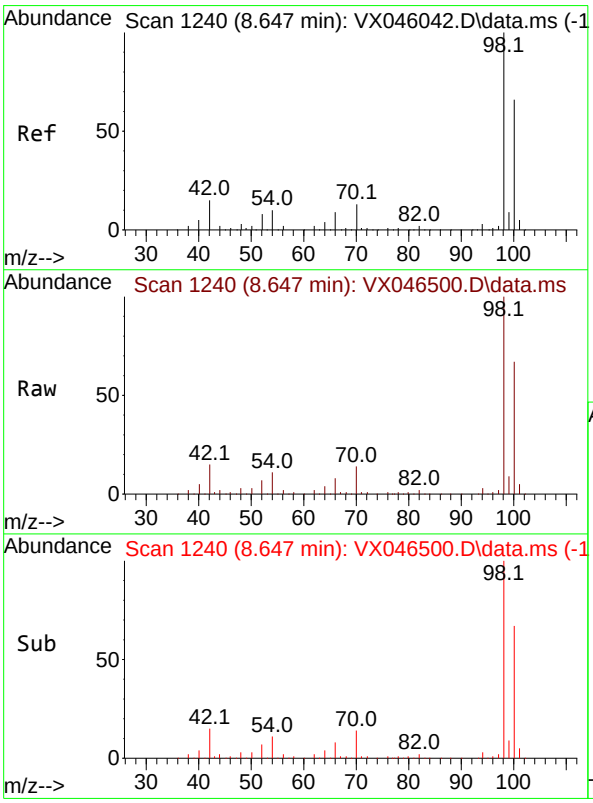
#44
Trichloroethene
Concen: 226.852 ug/l
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:130 Resp: 188738

Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	204.2

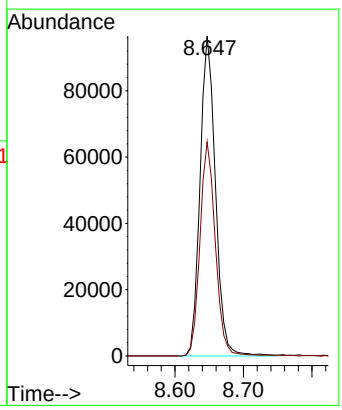


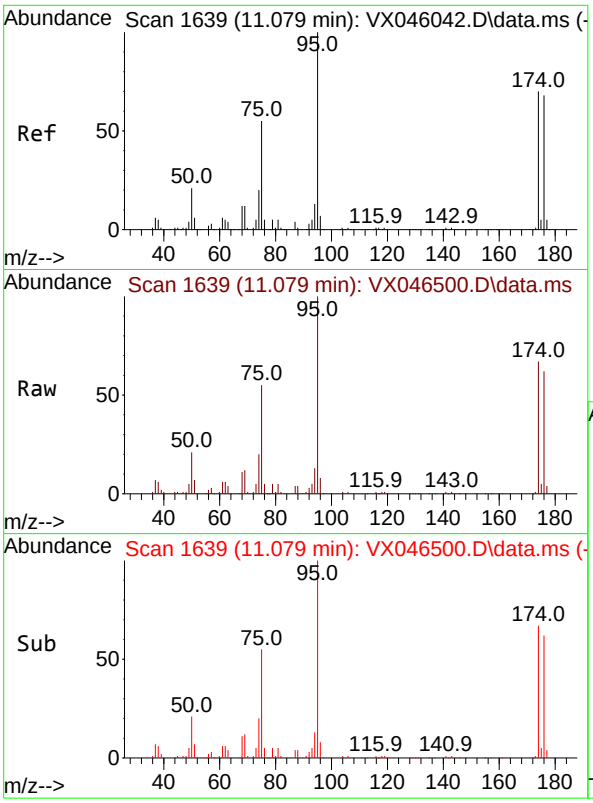


#50
Toluene-d8
Concen: 49.819 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 98 Resp: 151455

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3



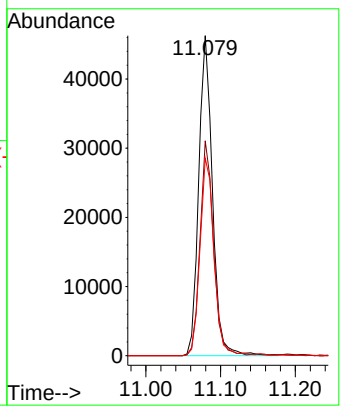


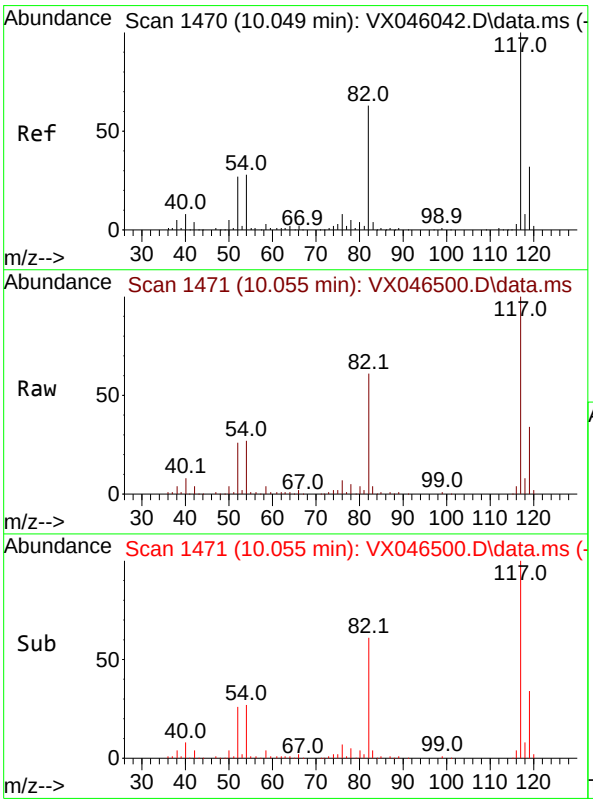
#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion: 95 Resp: 59009

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	135.8
176	62.9	0.0	131.4

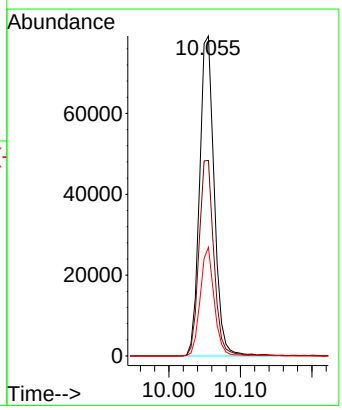


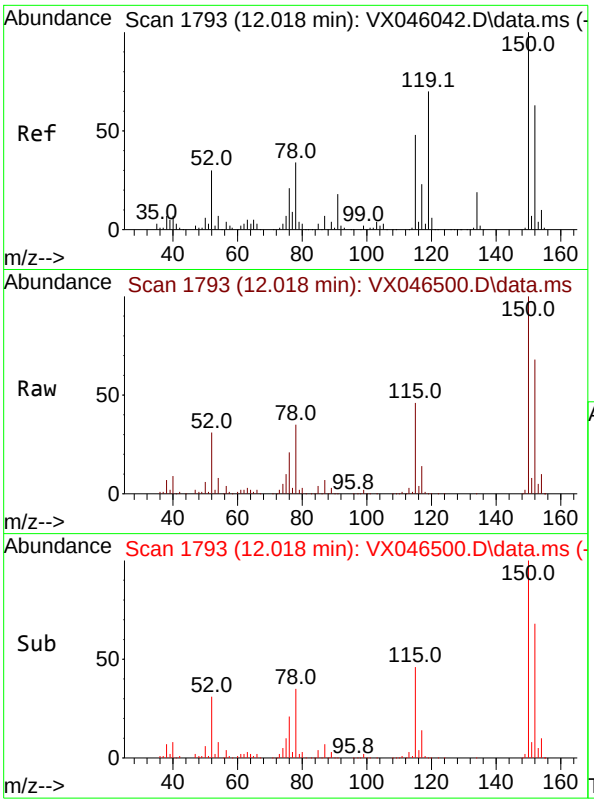


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion:117 Resp: 112952

Ion	Ratio	Lower	Upper
117	100		
82	61.1	50.6	76.0
119	34.0	25.8	38.6



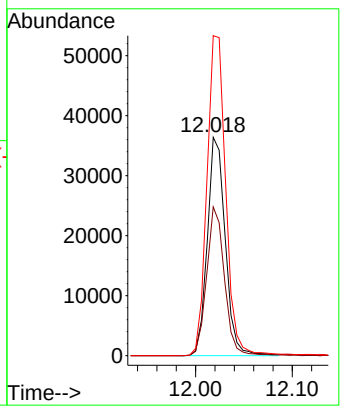


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:152 Resp: 47128

Ion	Ratio	Lower	Upper
152	100		
115	67.6	46.9	140.7
150	153.4	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046509.D
Acq On : 04 Jun 2025 18:36
Operator : JC/MD
Sample : Q2200-05DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 04:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

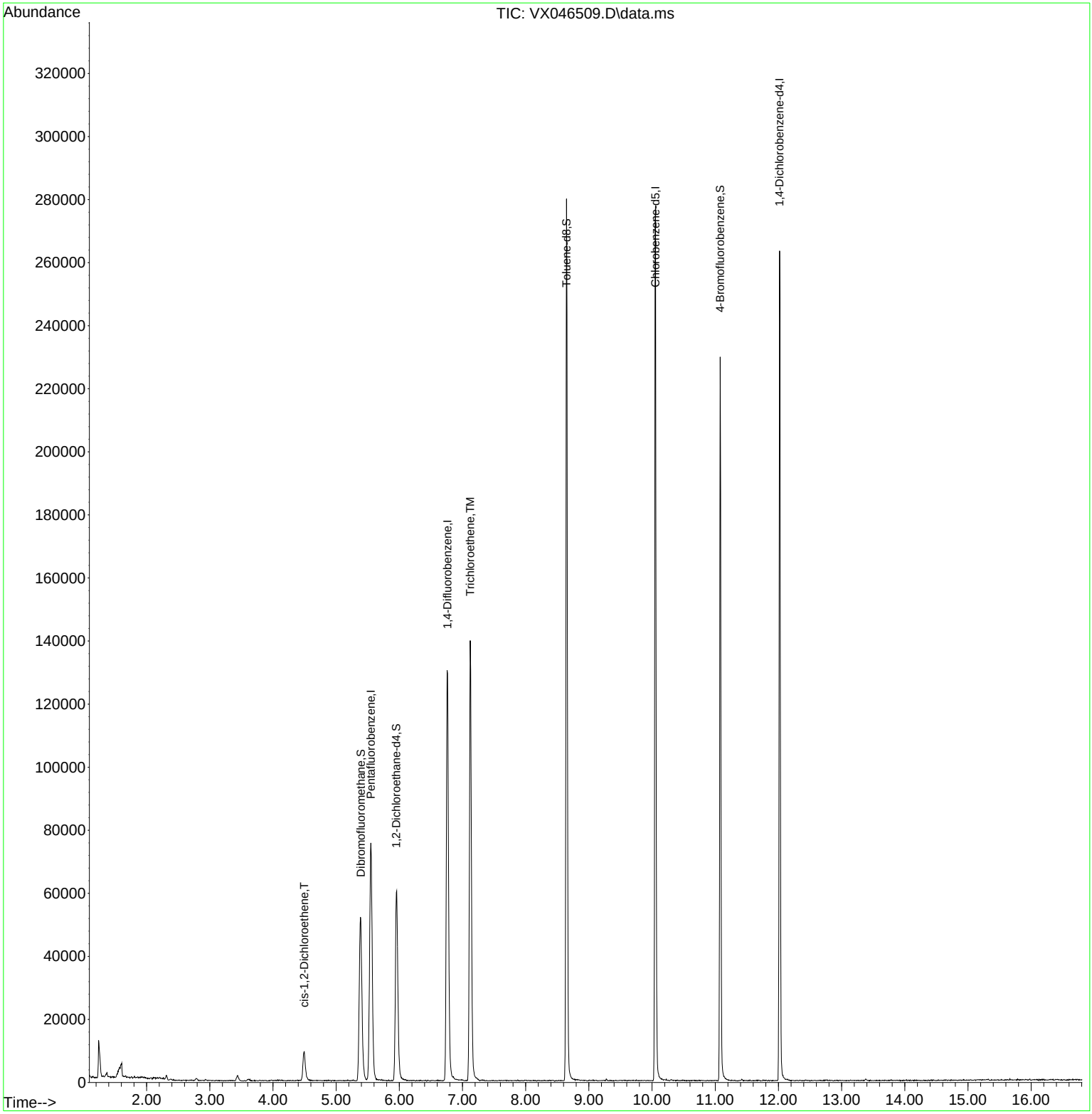
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	63962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62846	52.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.400%			
35) Dibromofluoromethane	5.391	113	45821	49.932	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.647	98	157691	49.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	11.079	95	61278	50.297	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.600%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.495	96	5624	6.125	ug/l	90
44) Trichloroethene	7.123	130	48234	55.491	ug/l	94

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

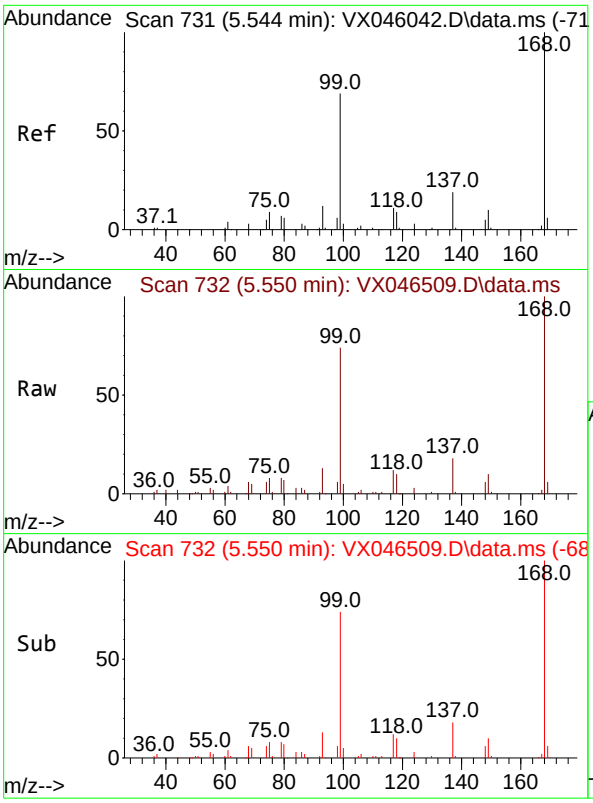
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046509.D
Acq On : 04 Jun 2025 18:36
Operator : JC/MD
Sample : Q2200-05DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 04:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



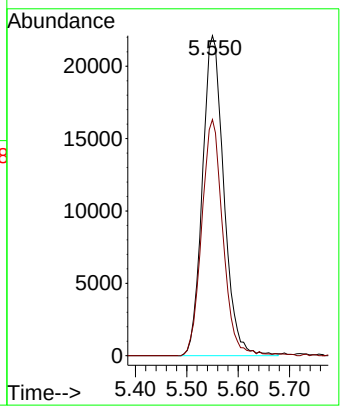
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

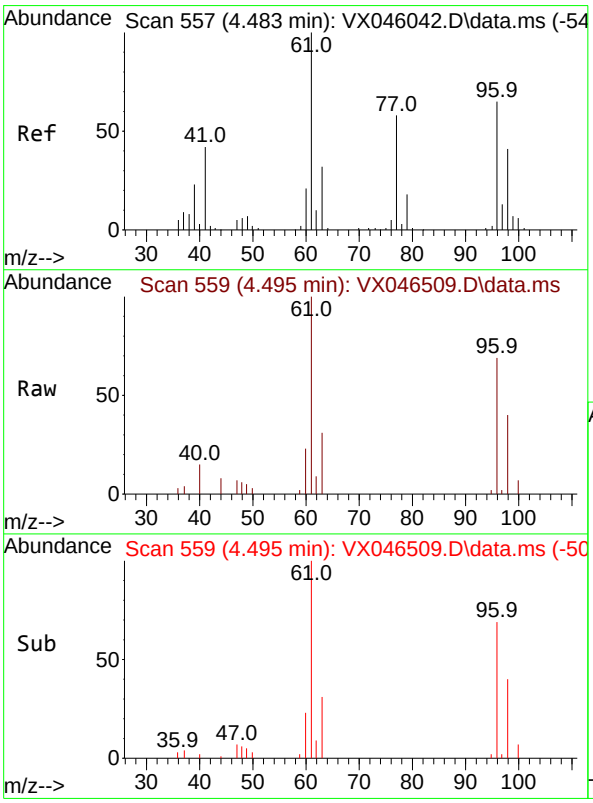


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:168 Resp: 63962

Ion	Ratio	Lower	Upper
168	100		
99	73.8	54.9	82.3

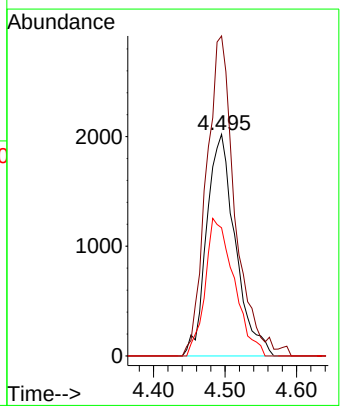


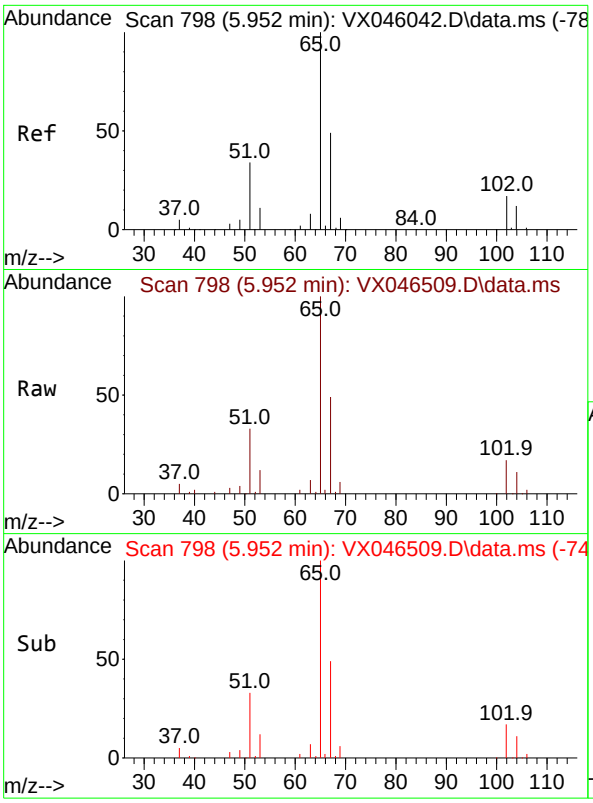


#27
cis-1,2-Dichloroethene
Concen: 6.125 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 96 Resp: 5624

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	322.8
98	62.4	0.0	129.0



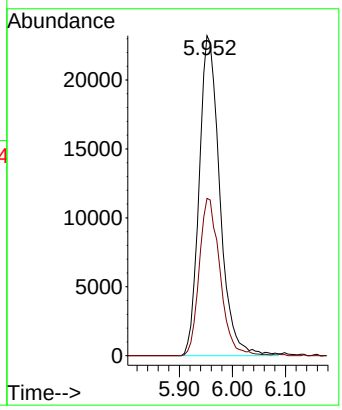


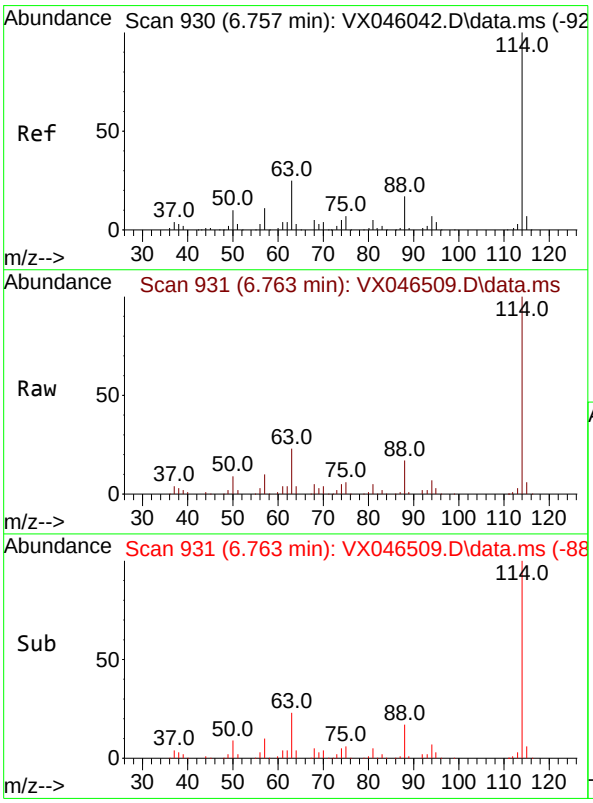
#33
1,2-Dichloroethane-d4
Concen: 52.703 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion: 65 Resp: 62846

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0

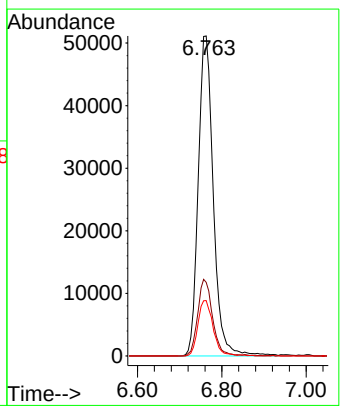




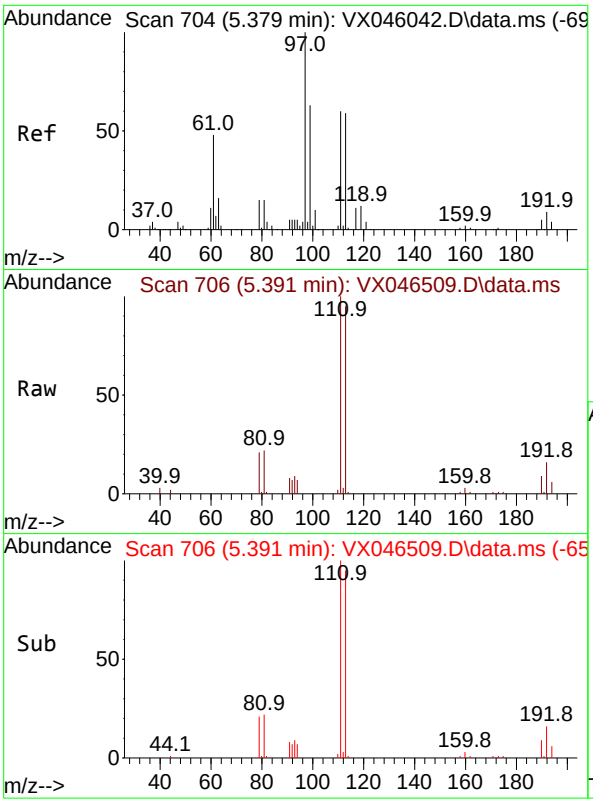
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:114 Resp: 127435

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	17.3	0.0	33.6



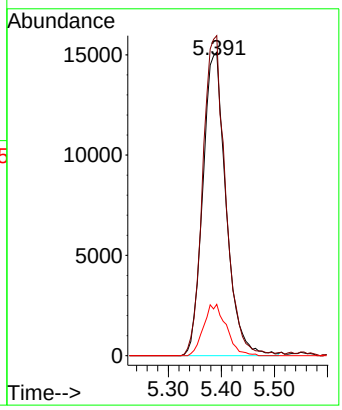
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

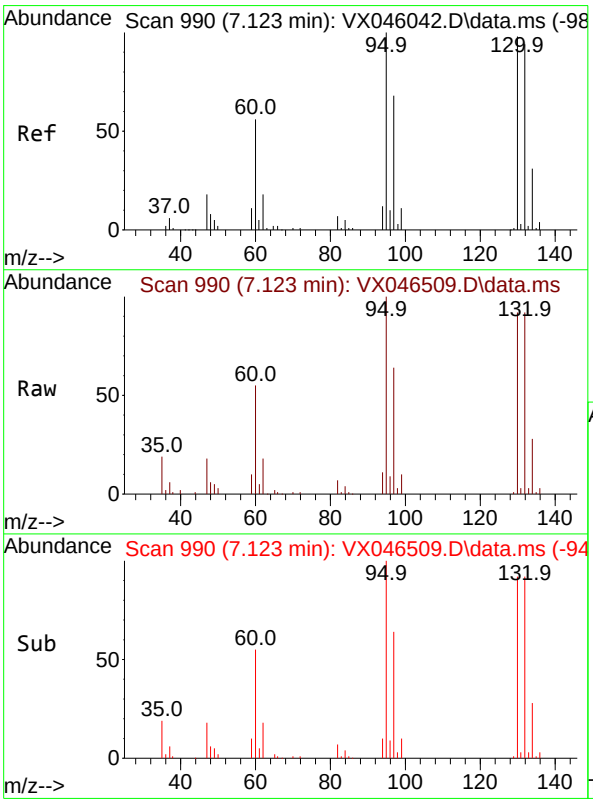


#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:113 Resp: 45821

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	16.8	13.3	19.9

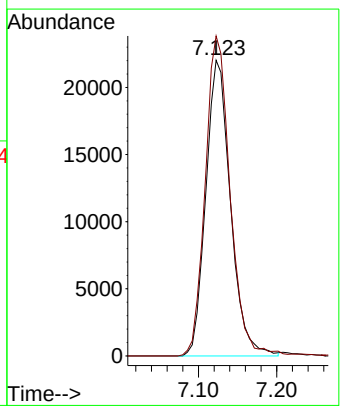




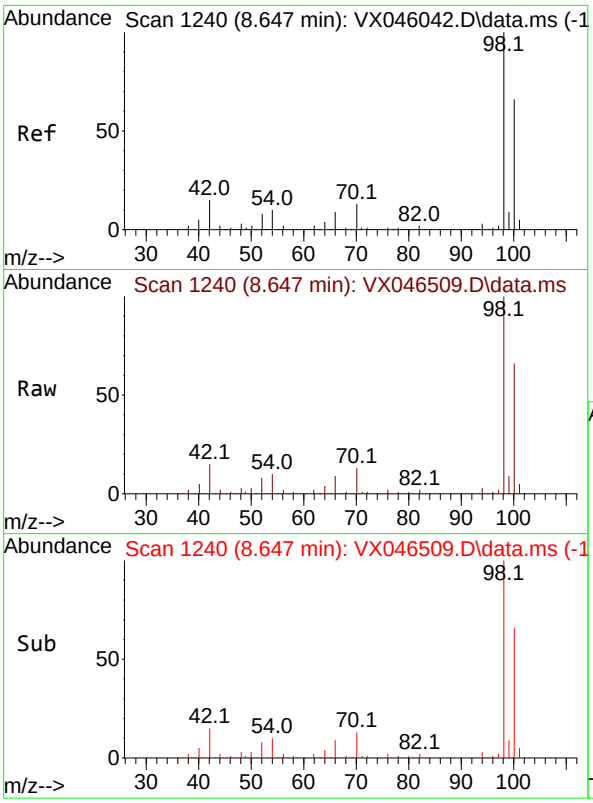
#44
Trichloroethene
Concen: 55.491 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:130 Resp: 48234

Ion	Ratio	Lower	Upper
130	100		
95	108.2	0.0	204.2



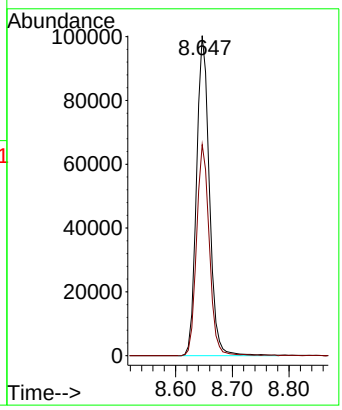
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

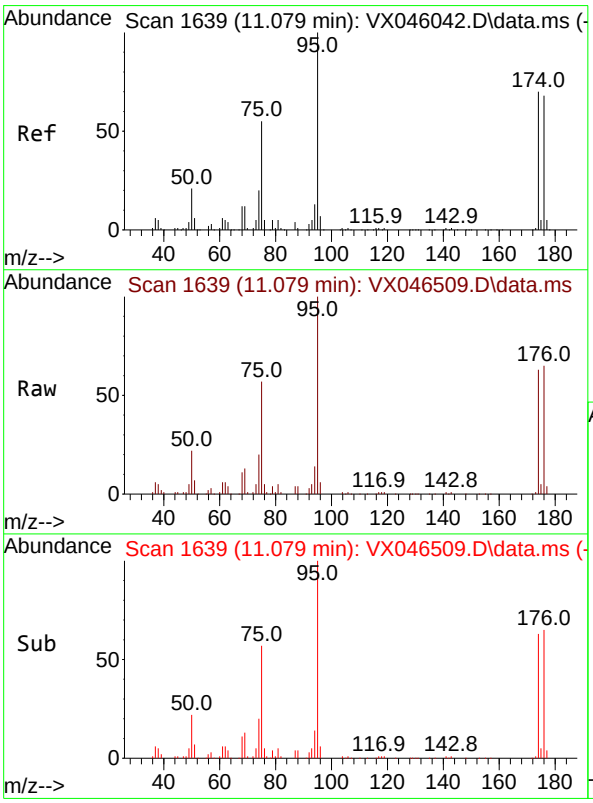


#50
Toluene-d8
Concen: 49.648 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 98 Resp: 157691

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3

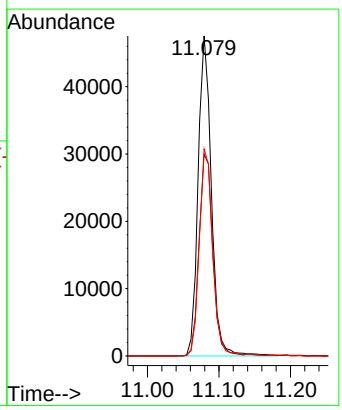


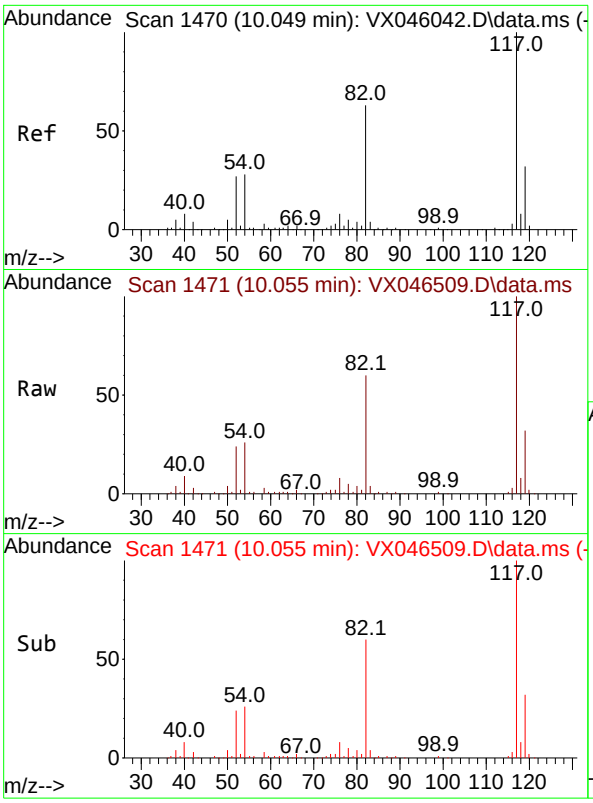


#62
4-Bromofluorobenzene
Concen: 50.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 95 Resp: 61278

Ion	Ratio	Lower	Upper
95	100		
174	65.3	0.0	135.8
176	65.2	0.0	131.4



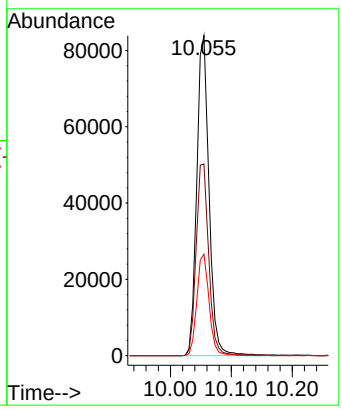


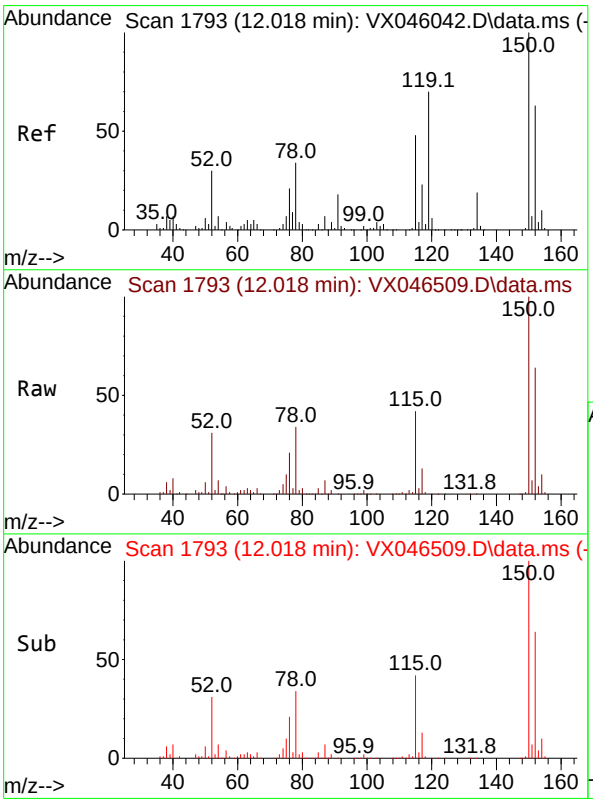
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:117 Resp: 117554

Ion	Ratio	Lower	Upper
117	100		
82	59.9	50.6	76.0
119	31.7	25.8	38.6

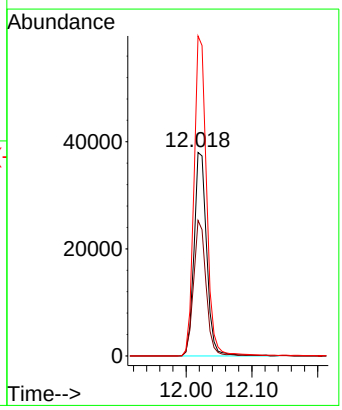




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:152 Resp: 50632

Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.9	140.7
150	156.5	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046510.D
Acq On : 04 Jun 2025 19:00
Operator : JC/MD
Sample : Q2200-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Quant Time: Jun 05 02:07:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	58762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58326	53.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.385	113	42480	49.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.646	98	146129	49.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	57197	50.692	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.380%			

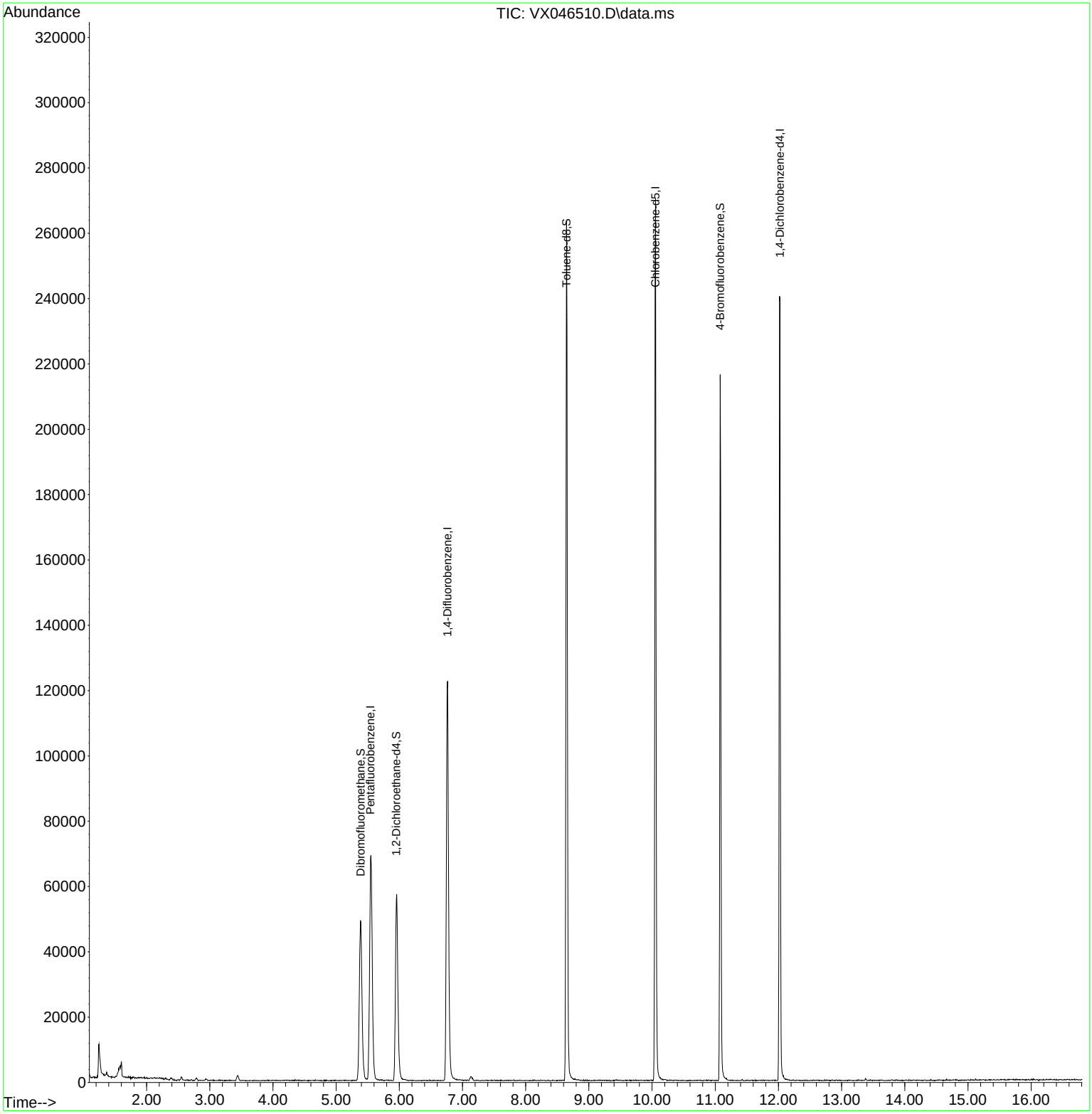
Target Compounds Qvalue

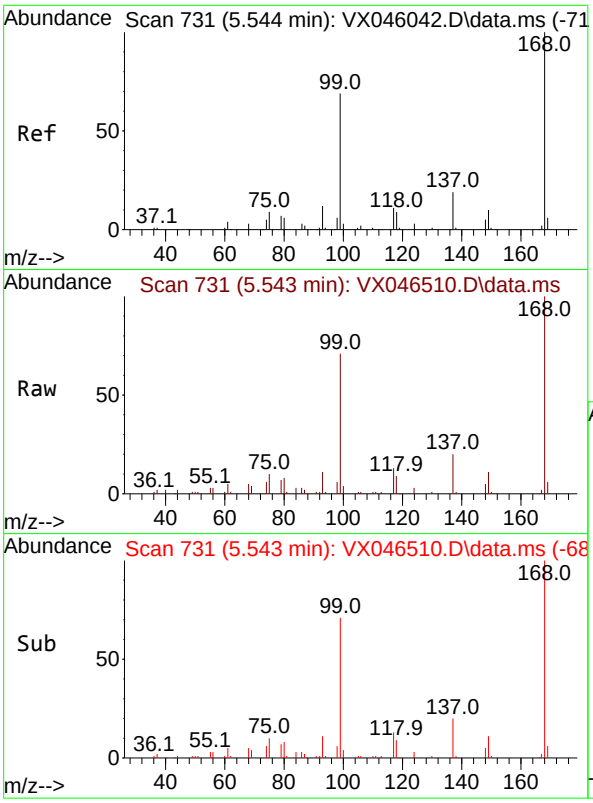
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046510.D
Acq On : 04 Jun 2025 19:00
Operator : JC/MD
Sample : Q2200-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Quant Time: Jun 05 02:07:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



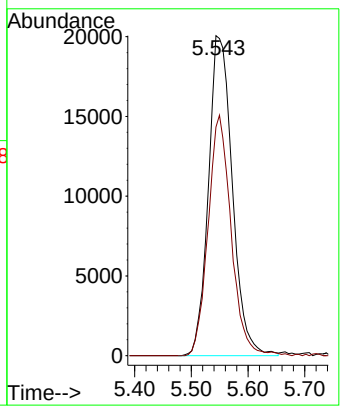


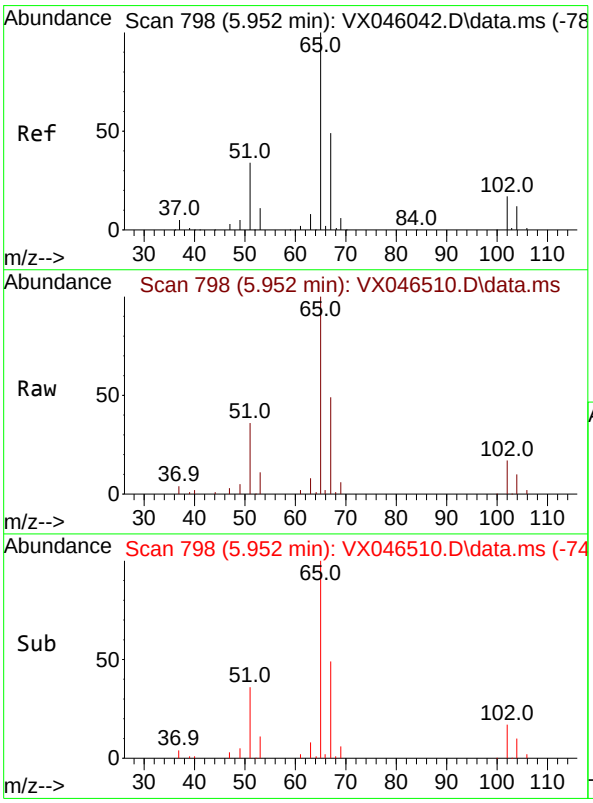
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Tgt Ion:168 Resp: 58762

Ion	Ratio	Lower	Upper
168	100		
99	71.4	54.9	82.3

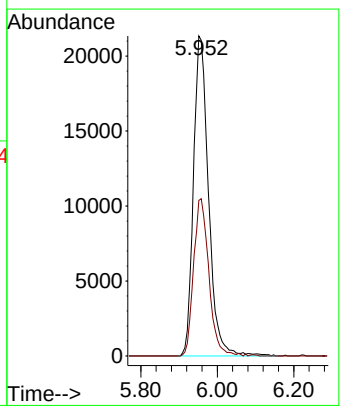


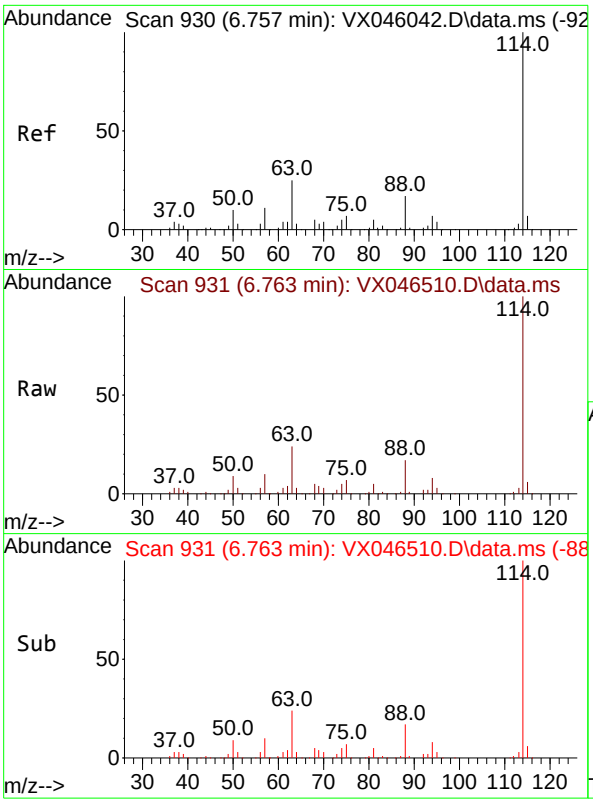


#33
1,2-Dichloroethane-d4
Concen: 53.241 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion: 65 Resp: 58326

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



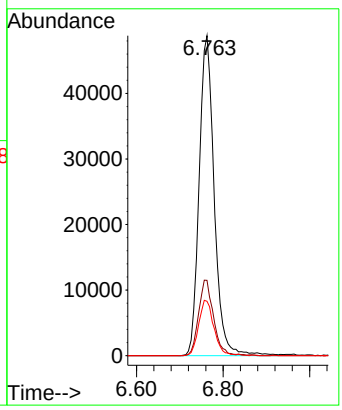


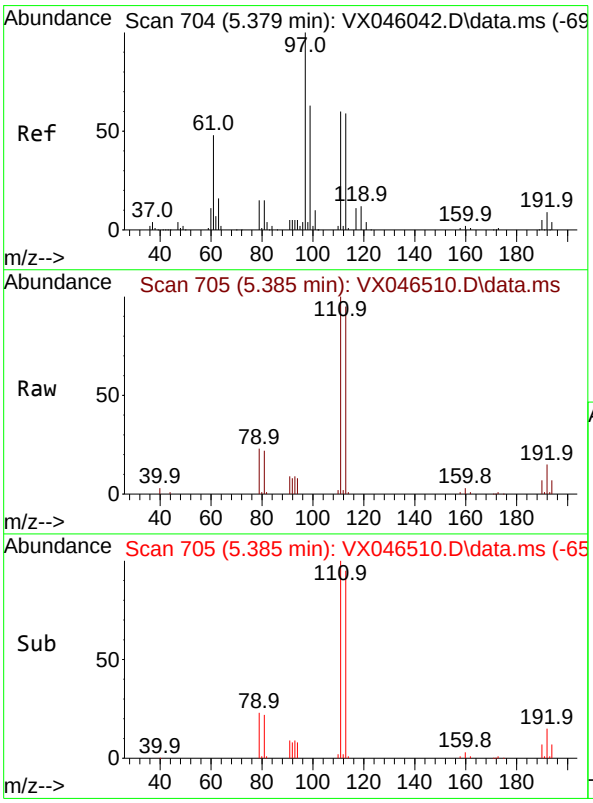
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Tgt Ion:114 Resp: 118020

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	17.0	0.0	33.6

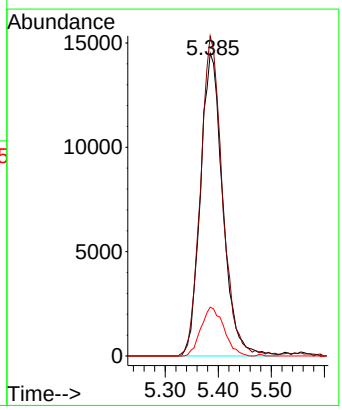


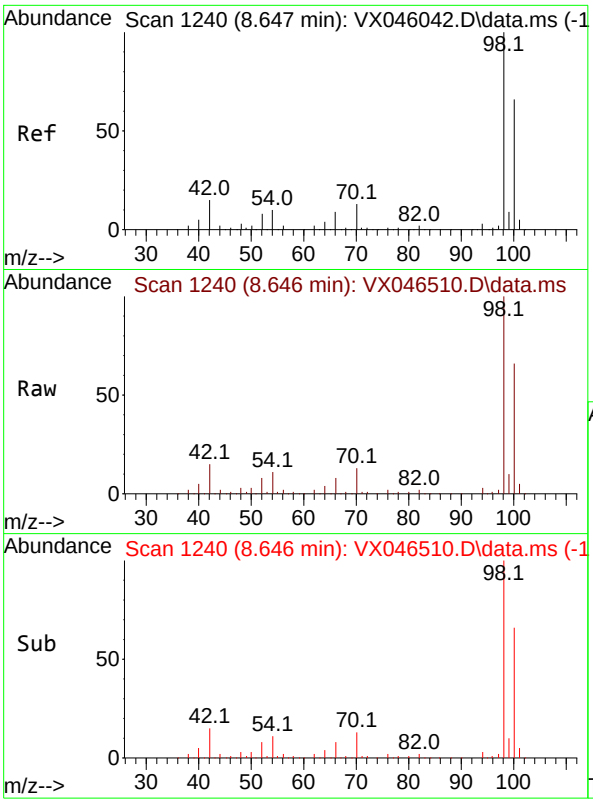


#35
Dibromofluoromethane
Concen: 49.984 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion:113 Resp: 42480

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	16.6	13.3	19.9



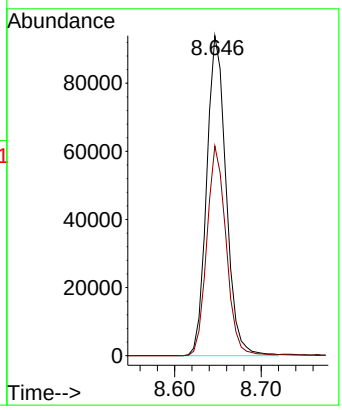


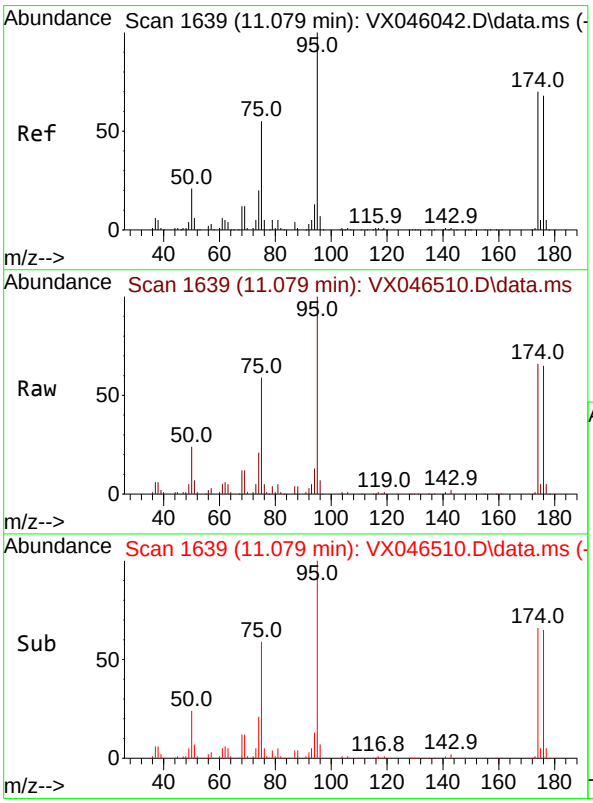
#50
Toluene-d8
Concen: 49.678 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

Tgt Ion: 98 Resp: 146129

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.5	80.3

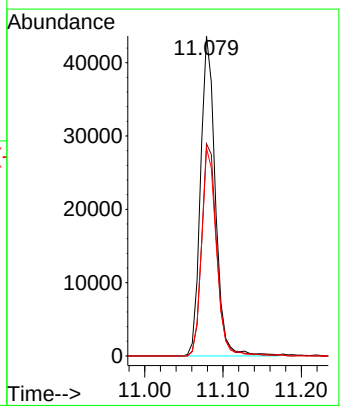




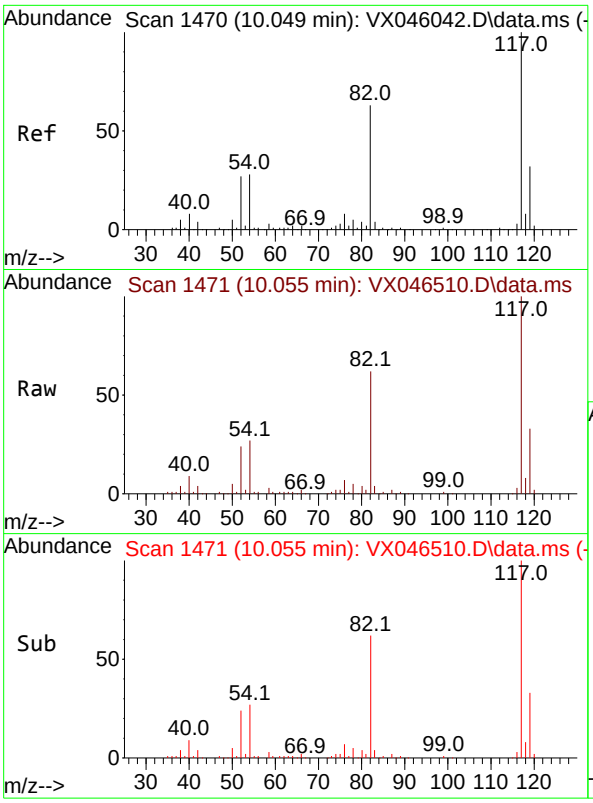
#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion: 95 Resp: 57197

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	64.9	0.0	131.4



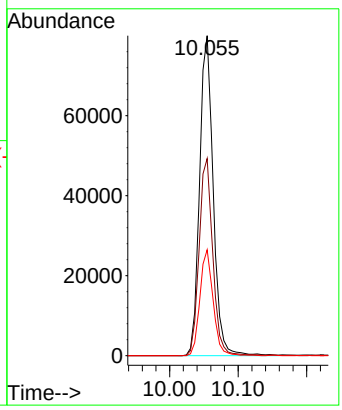
Instrument :
MSVOA_X
ClientSampleId :
TB-01-060325

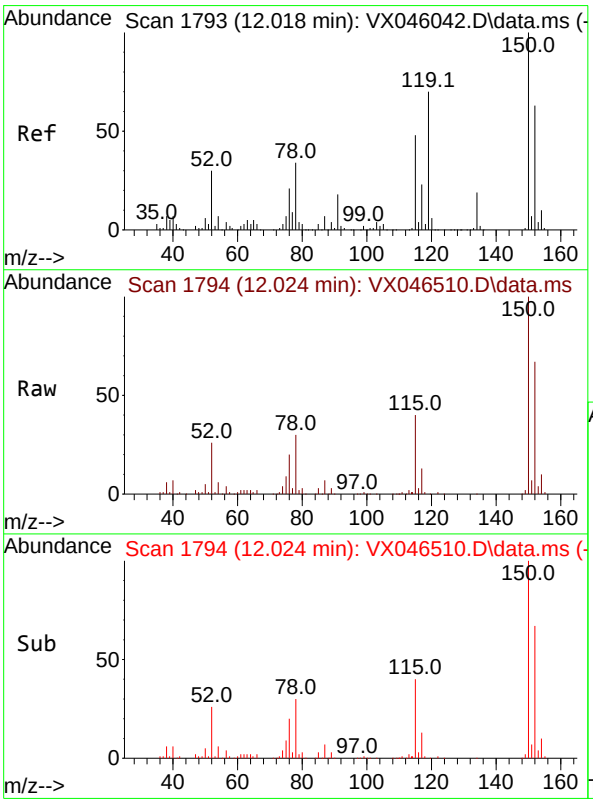


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion:117 Resp: 111037

Ion	Ratio	Lower	Upper
117	100		
82	61.6	50.6	76.0
119	33.1	25.8	38.6

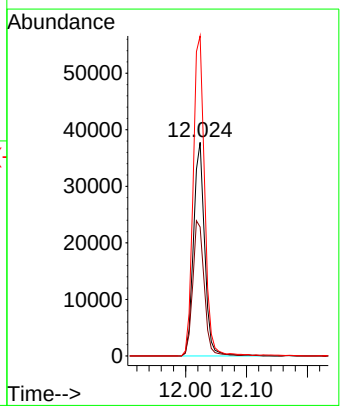




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046510.D
Acq: 04 Jun 2025 19:00

Tgt Ion:152 Resp: 47922

Ion	Ratio	Lower	Upper
152	100		
115	65.1	46.9	140.7
150	154.2	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046490.D
Acq On : 04 Jun 2025 11:04
Operator : JC/MD
Sample : VX0604WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Quant Time: Jun 05 01:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	69580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69212	53.355	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	5.379	113	50780	50.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.647	98	175770	50.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	71016	53.079	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.160%			

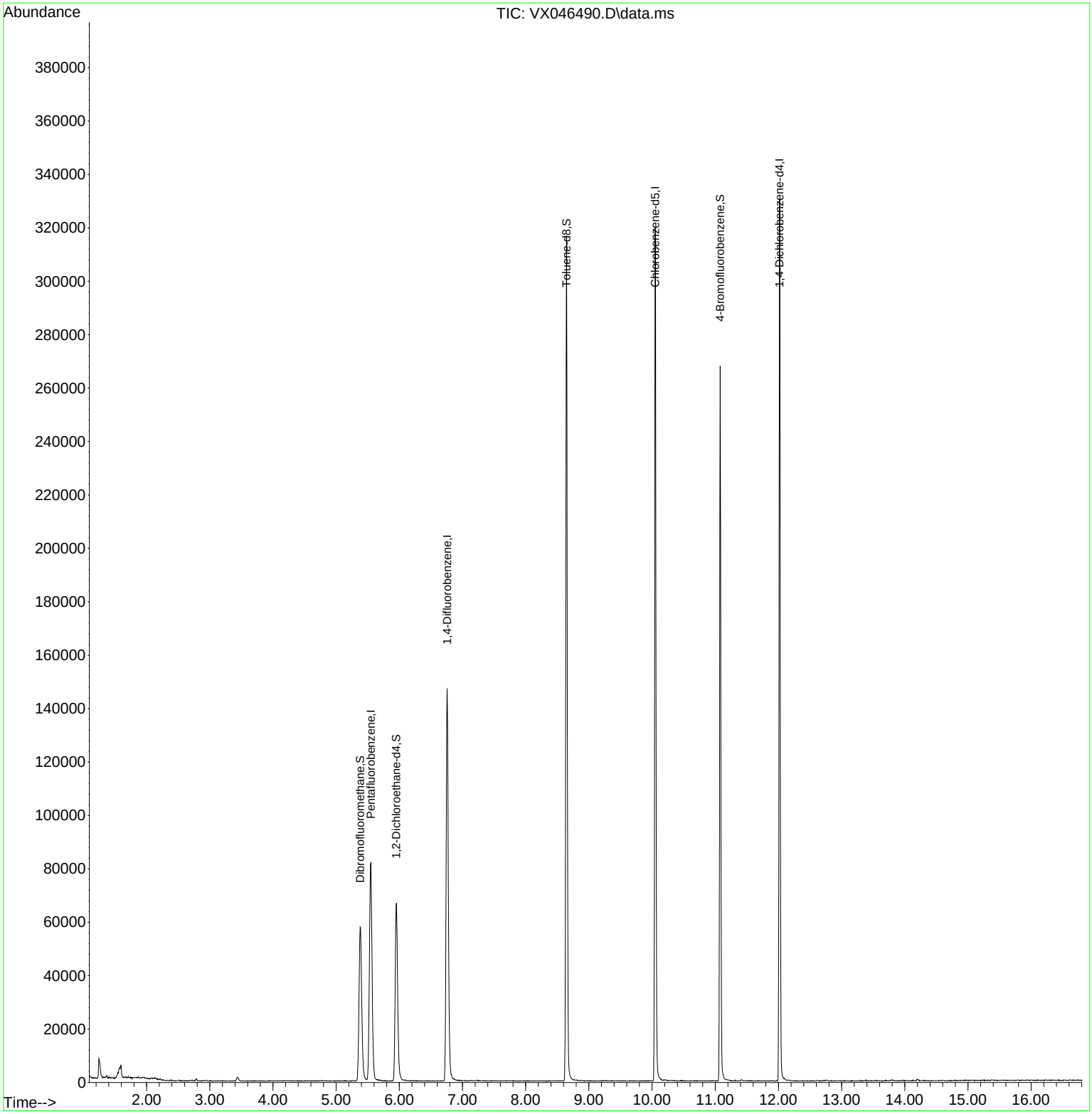
Target Compounds Qvalue

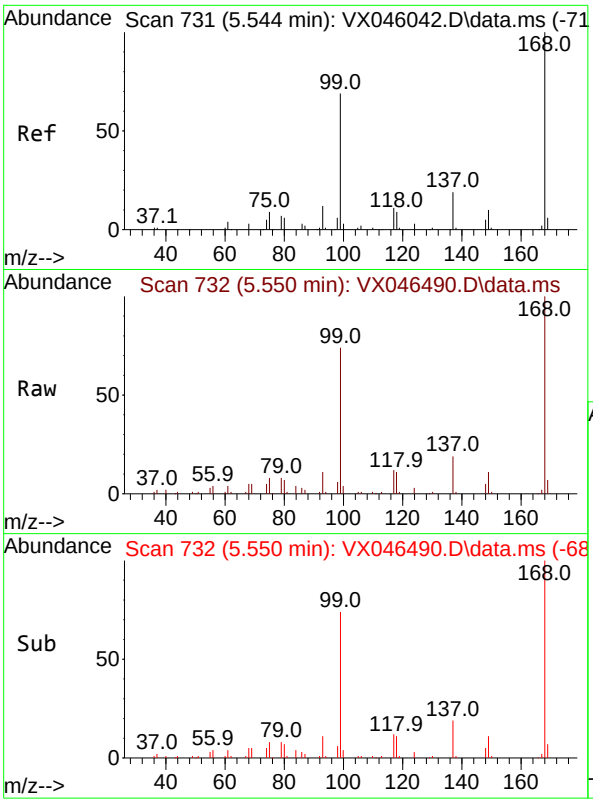
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046490.D
Acq On : 04 Jun 2025 11:04
Operator : JC/MD
Sample : VX0604WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Quant Time: Jun 05 01:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



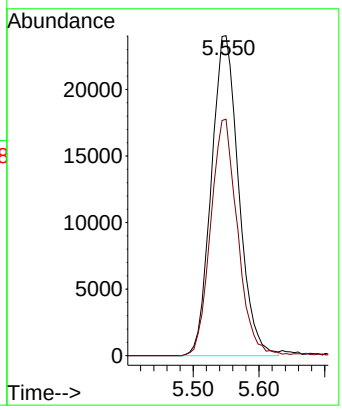


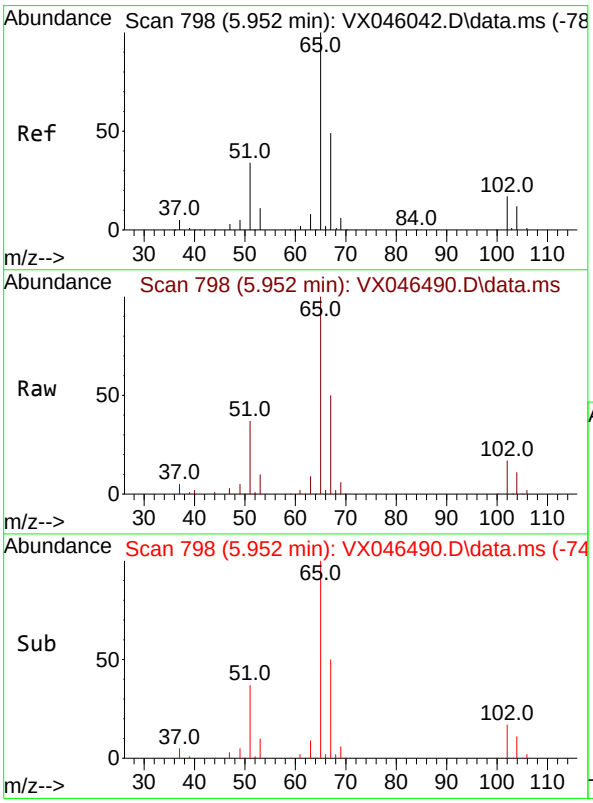
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Tgt Ion:168 Resp: 69580

Ion	Ratio	Lower	Upper
168	100		
99	73.9	54.9	82.3

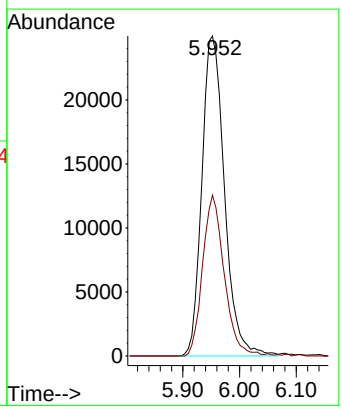


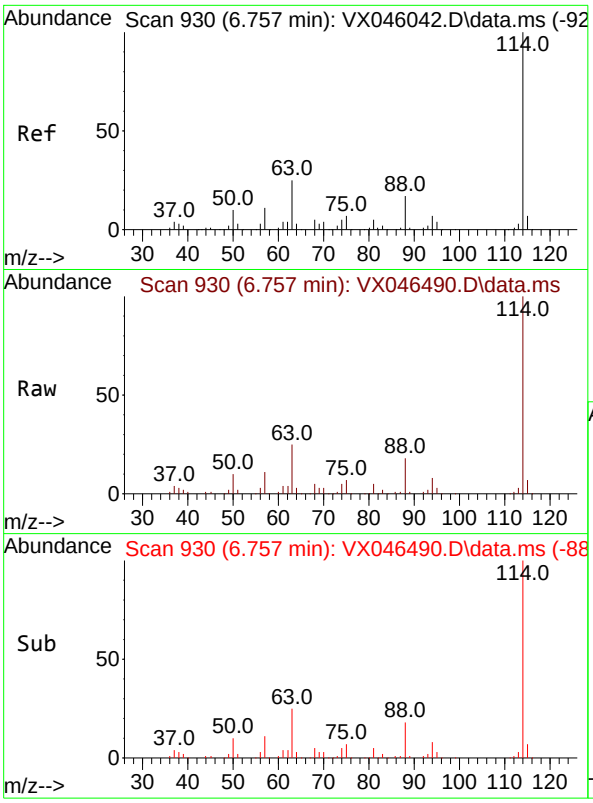


#33
1,2-Dichloroethane-d4
Concen: 53.355 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Tgt Ion: 65 Resp: 69212

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	99.0



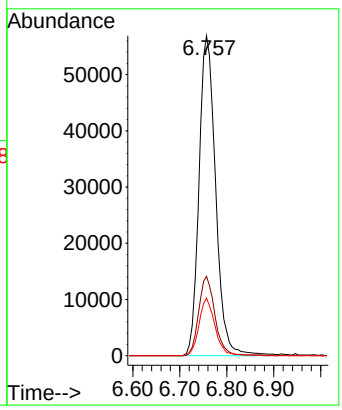


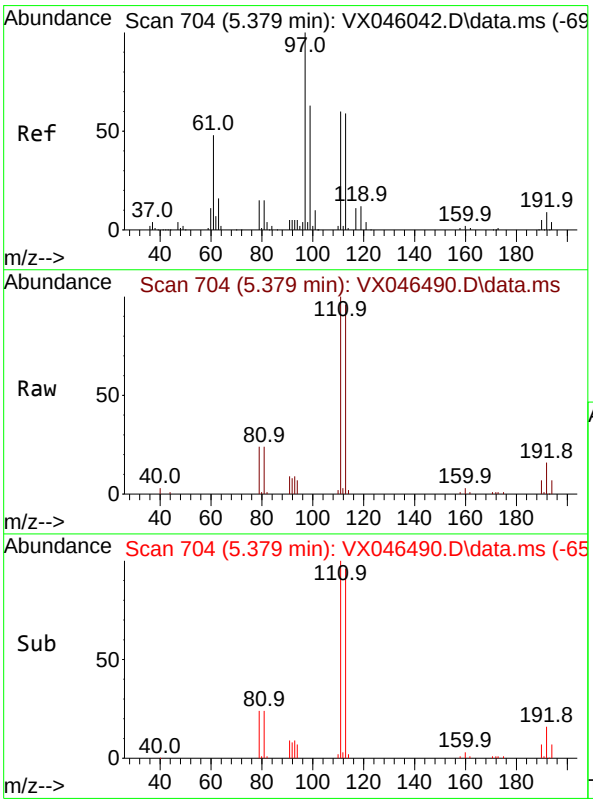
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Tgt Ion:114 Resp: 139946

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	18.0	0.0	33.6

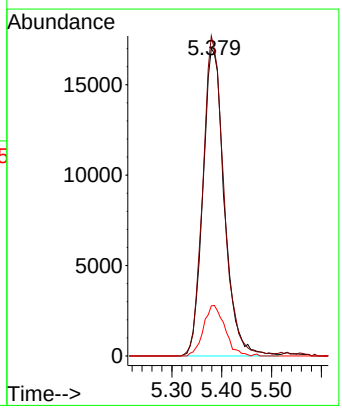


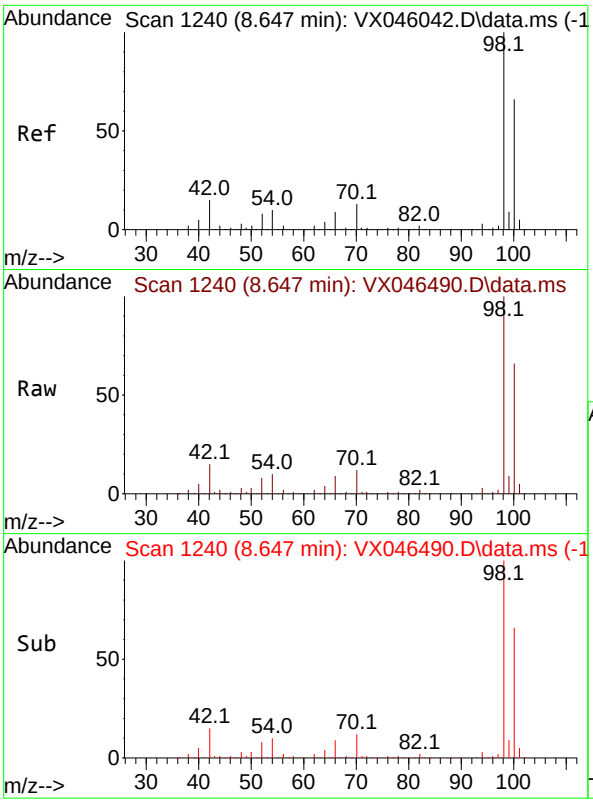


#35
Dibromofluoromethane
Concen: 50.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Tgt Ion:113 Resp: 50780

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	16.4	13.3	19.9



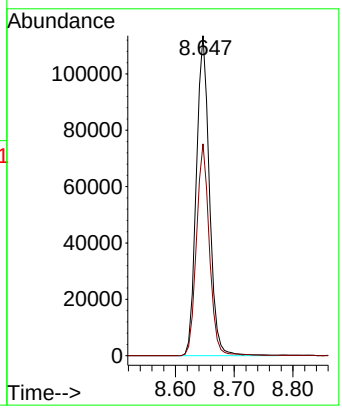


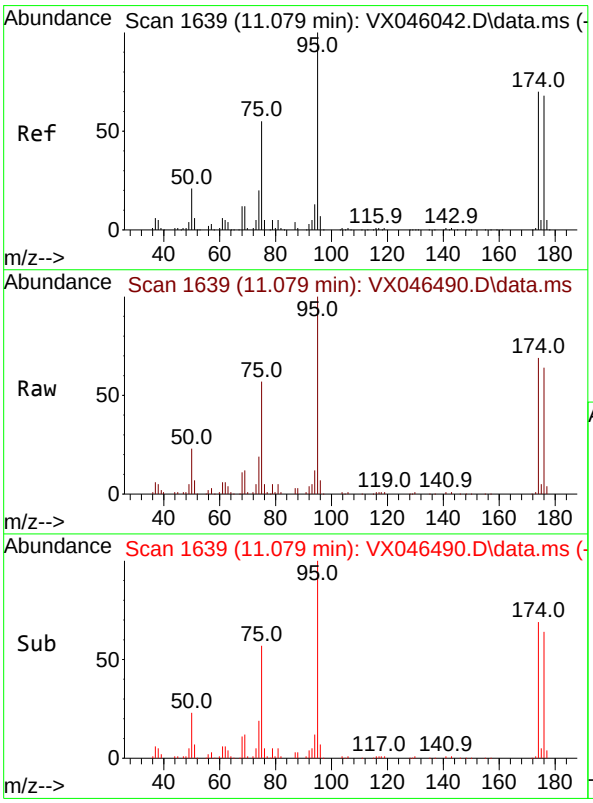
#50
Toluene-d8
Concen: 50.393 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Tgt Ion: 98 Resp: 175770

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.5	80.3

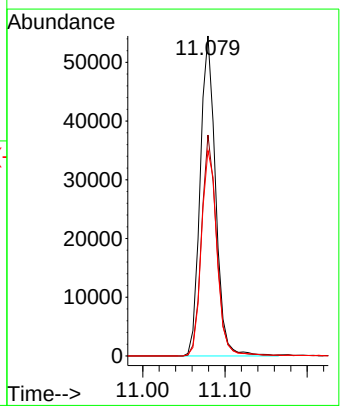


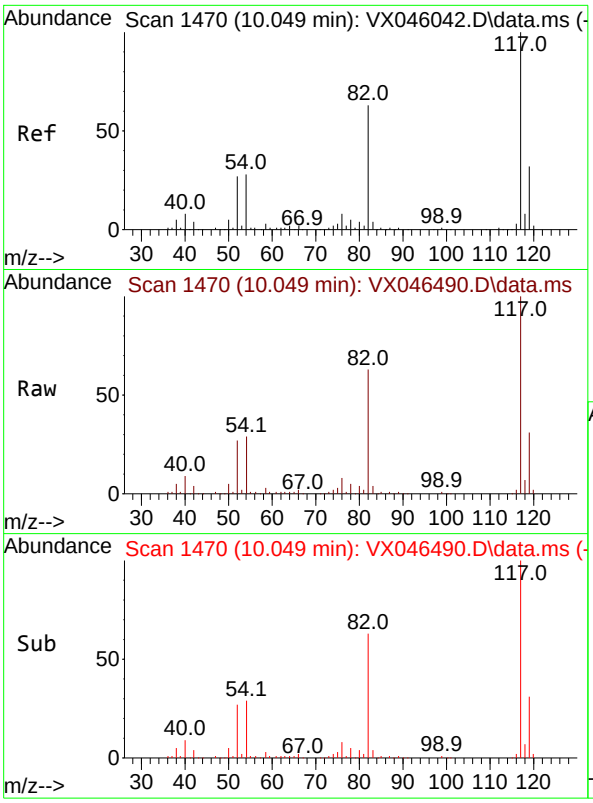


#62
4-Bromofluorobenzene
Concen: 53.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Tgt Ion: 95 Resp: 71016

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	65.5	0.0	131.4



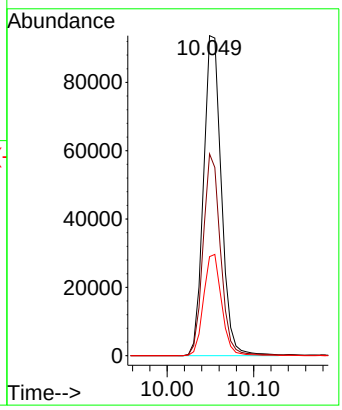


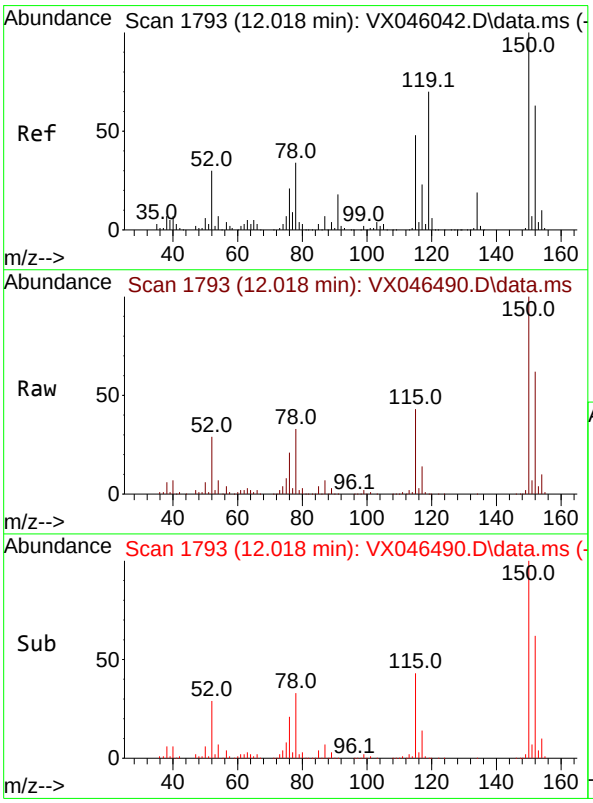
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBL01

Tgt Ion:117 Resp: 133992

Ion	Ratio	Lower	Upper
117	100		
82	63.0	50.6	76.0
119	31.0	25.8	38.6

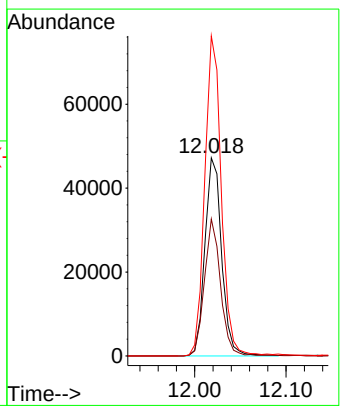




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046490.D
Acq: 04 Jun 2025 11:04

Tgt Ion:152 Resp: 59967

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	160.7	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046491.D
Acq On : 04 Jun 2025 11:27
Operator : JC/MD
Sample : VX0604WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 01:39:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86820	50.130	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	5.379	113	60723	51.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	8.647	98	193713	47.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.500%			
62) 4-Bromofluorobenzene	11.079	95	77214	49.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	22743	15.995	ug/l	99
3) Chloromethane	1.307	50	20855	15.125	ug/l	98
4) Vinyl Chloride	1.374	62	19920	15.523	ug/l	94
5) Bromomethane	1.599	94	9608	16.142	ug/l	100
6) Chloroethane	1.673	64	11730	17.122	ug/l	96
7) Trichlorofluoromethane	1.880	101	34089	17.974	ug/l	95
8) Diethyl Ether	2.130	74	11717	18.148	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	21471	18.294	ug/l	99
10) Methyl Iodide	2.447	142	20760	14.948	ug/l	99
11) Tert butyl alcohol	2.971	59	28971	119.170	ug/l	99
12) 1,1-Dichloroethene	2.313	96	18932	17.187	ug/l	97
13) Acrolein	2.233	56	29271	105.725	ug/l	98
14) Allyl chloride	2.660	41	40362	19.172	ug/l	96
15) Acrylonitrile	3.063	53	74090	106.582	ug/l	98
16) Acetone	2.380	43	73753	106.210	ug/l	99
17) Carbon Disulfide	2.508	76	33026	12.646	ug/l #	95
18) Methyl Acetate	2.703	43	44506	27.620	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	79431	20.568	ug/l	99
20) Methylene Chloride	2.782	84	23740	17.840	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	19363	17.479	ug/l	95
22) Diisopropyl ether	3.758	45	83789	20.604	ug/l	90
23) Vinyl Acetate	3.721	43	346082	96.761	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44360	19.585	ug/l	99
25) 2-Butanone	4.556	43	111365	110.466	ug/l	97
26) 2,2-Dichloropropane	4.471	77	34526	19.475	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26144	19.605	ug/l	97
28) Bromochloromethane	4.898	49	23833	21.860	ug/l	97
29) Tetrahydrofuran	5.007	42	69831	110.541	ug/l	99
30) Chloroform	5.093	83	47227	20.005	ug/l	97
31) Cyclohexane	5.465	56	34657	16.791	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	39783	19.440	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27602	17.344	ug/l	98
37) Ethyl Acetate	4.721	43	39738	20.211	ug/l	99
38) Carbon Tetrachloride	5.672	117	32904	18.402	ug/l	95
39) Methylcyclohexane	7.373	83	33061	16.137	ug/l	98
40) Benzene	6.031	78	86835	18.629	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046491.D
Acq On : 04 Jun 2025 11:27
Operator : JC/MD
Sample : VX0604WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 01:39:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	23318	22.671	ug/l		98
42) 1,2-Dichloroethane	6.086	62	39852	19.809	ug/l		99
43) Isopropyl Acetate	6.342	43	63564	21.191	ug/l		99
44) Trichloroethene	7.123	130	20599	18.361	ug/l		97
45) 1,2-Dichloropropane	7.428	63	22961	19.810	ug/l		96
46) Dibromomethane	7.580	93	17290	18.913	ug/l		98
47) Bromodichloromethane	7.818	83	35372	19.645	ug/l		99
48) Methyl methacrylate	7.696	41	32412	21.158	ug/l		98
49) 1,4-Dioxane	7.659	88	13462	462.828	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	215594	108.282	ug/l		100
52) Toluene	8.714	92	54715	19.143	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	30645	19.148	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	34352	19.420	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	23114	20.509	ug/l		98
56) Ethyl methacrylate	9.116	69	37067	20.636	ug/l		97
57) 1,3-Dichloropropane	9.305	76	39627	19.578	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	97808	106.806	ug/l		99
59) 2-Hexanone	9.427	43	163451	110.961	ug/l		100
60) Dibromochloromethane	9.519	129	25342	20.474	ug/l		98
61) 1,2-Dibromoethane	9.610	107	23528	20.086	ug/l		100
64) Tetrachloroethene	9.269	164	18715	18.968	ug/l		95
65) Chlorobenzene	10.080	112	59399	19.461	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21063	20.209	ug/l		98
67) Ethyl Benzene	10.189	91	105678	19.642	ug/l		99
68) m/p-Xylenes	10.299	106	78322	39.802	ug/l		99
69) o-Xylene	10.640	106	39544	20.613	ug/l		99
70) Styrene	10.653	104	64399	20.492	ug/l		99
71) Bromoform	10.799	173	15687	20.047	ug/l	#	97
73) Isopropylbenzene	10.957	105	105573	21.209	ug/l		99
74) N-amyl acetate	10.842	43	53645	21.810	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37218	21.336	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32568m	21.162	ug/l		
77) Bromobenzene	11.195	156	23492	20.328	ug/l		99
78) n-propylbenzene	11.299	91	117360	20.277	ug/l		98
79) 2-Chlorotoluene	11.360	91	75768	20.296	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	85839	20.642	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9522	20.143	ug/l		99
82) 4-Chlorotoluene	11.451	91	83569	20.186	ug/l		98
83) tert-Butylbenzene	11.713	119	87673	20.930	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	86879	20.630	ug/l		100
85) sec-Butylbenzene	11.890	105	108045	21.008	ug/l		100
86) p-Isopropyltoluene	12.006	119	87255	20.553	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	42116	19.969	ug/l		98
88) 1,4-Dichlorobenzene	12.037	146	44193	20.518	ug/l		98
89) n-Butylbenzene	12.329	91	75030	20.149	ug/l		99
90) Hexachloroethane	12.536	117	14661	19.602	ug/l		96
91) 1,2-Dichlorobenzene	12.329	146	44415	20.986	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9196	23.797	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	25497	20.975	ug/l		97
94) Hexachlorobutadiene	13.719	225	10415	19.618	ug/l		96
95) Naphthalene	13.774	128	94780	21.259	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	25741	20.522	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046491.D
Acq On : 04 Jun 2025 11:27
Operator : JC/MD
Sample : VX0604WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 01:39:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

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

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

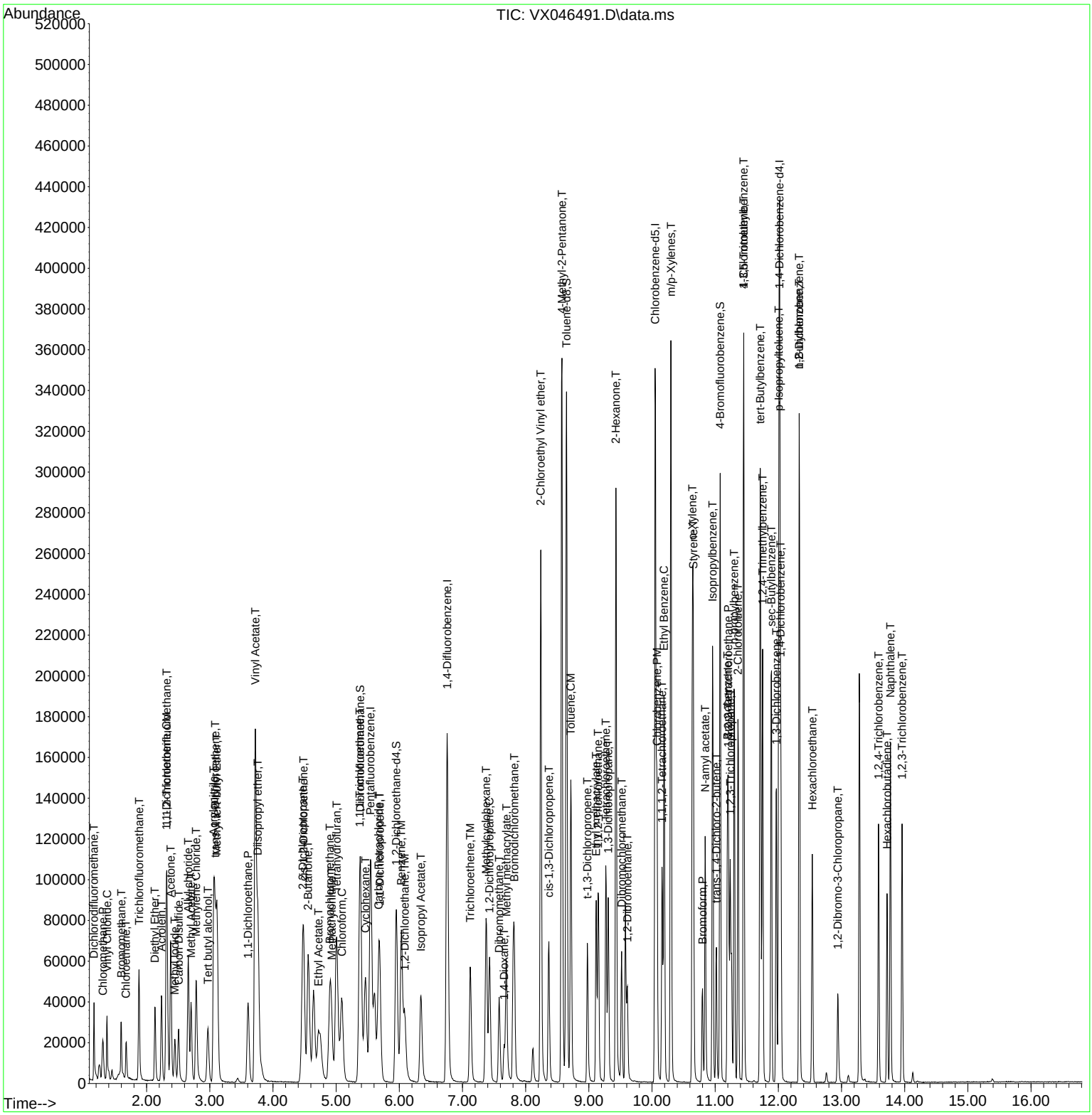
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046491.D
Acq On : 04 Jun 2025 11:27
Operator : JC/MD
Sample : VX0604WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 01:39:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046497.D
Acq On : 04 Jun 2025 13:52
Operator : JC/MD
Sample : VX0604WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 01:51:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	84483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81368	51.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	5.385	113	57316	52.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.647	98	186769	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	75026	51.347	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24632	19.049	ug/l	99
3) Chloromethane	1.307	50	23757	18.946	ug/l	97
4) Vinyl Chloride	1.374	62	21918	18.781	ug/l	98
5) Bromomethane	1.593	94	9220	17.033	ug/l	98
6) Chloroethane	1.672	64	15446	24.792	ug/l	94
7) Trichlorofluoromethane	1.880	101	35809	20.761	ug/l	97
8) Diethyl Ether	2.136	74	12725	21.673	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21610	20.246	ug/l	97
10) Methyl Iodide	2.447	142	24073	19.060	ug/l	100
11) Tert butyl alcohol	2.971	59	27971	126.516	ug/l	99
12) 1,1-Dichloroethene	2.312	96	20333	20.297	ug/l	100
13) Acrolein	2.233	56	25349	100.678	ug/l	97
14) Allyl chloride	2.660	41	42621	22.262	ug/l	95
15) Acrylonitrile	3.062	53	73994	117.045	ug/l	99
16) Acetone	2.386	43	72770	115.231	ug/l	98
17) Carbon Disulfide	2.501	76	39956	16.824	ug/l	100
18) Methyl Acetate	2.703	43	45782	31.241	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82120	23.382	ug/l	100
20) Methylene Chloride	2.782	84	24899	20.575	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	20553	20.402	ug/l	98
22) Diisopropyl ether	3.763	45	85964	23.245	ug/l	98
23) Vinyl Acetate	3.721	43	352257	108.297	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45805	22.237	ug/l	98
25) 2-Butanone	4.562	43	110519	120.545	ug/l	99
26) 2,2-Dichloropropane	4.471	77	32995	20.465	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26678	21.998	ug/l	98
28) Bromochloromethane	4.897	49	22848	23.044	ug/l	98
29) Tetrahydrofuran	5.013	42	69743	121.397	ug/l	99
30) Chloroform	5.092	83	48458	22.570	ug/l	97
31) Cyclohexane	5.458	56	39649	21.123	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	41875	22.500	ug/l	97
36) 1,1-Dichloropropene	5.690	75	30800	20.829	ug/l	99
37) Ethyl Acetate	4.721	43	40135	21.968	ug/l	98
38) Carbon Tetrachloride	5.678	117	33893	20.399	ug/l	97
39) Methylcyclohexane	7.379	83	37949	19.934	ug/l	92
40) Benzene	6.031	78	92846	21.436	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046497.D
Acq On : 04 Jun 2025 13:52
Operator : JC/MD
Sample : VX0604WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 01:51:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	24996	26.155	ug/l		95
42) 1,2-Dichloroethane	6.086	62	40404	21.614	ug/l		99
43) Isopropyl Acetate	6.342	43	64639	23.192	ug/l		99
44) Trichloroethene	7.123	130	22185	21.281	ug/l		96
45) 1,2-Dichloropropane	7.427	63	23770	22.070	ug/l		98
46) Dibromomethane	7.580	93	18288	21.529	ug/l		99
47) Bromodichloromethane	7.818	83	36336	21.718	ug/l		99
48) Methyl methacrylate	7.696	41	33430	23.486	ug/l		99
49) 1,4-Dioxane	7.659	88	12861	475.862	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	220370	119.115	ug/l		99
52) Toluene	8.714	92	57666	21.713	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	30745	20.675	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	35234	21.437	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	23253	22.204	ug/l		96
56) Ethyl methacrylate	9.116	69	39616	23.736	ug/l		99
57) 1,3-Dichloropropane	9.305	76	41148	21.879	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	98765	116.070	ug/l		99
59) 2-Hexanone	9.427	43	168301	122.961	ug/l		99
60) Dibromochloromethane	9.518	129	24794	21.558	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23687	21.762	ug/l		96
64) Tetrachloroethene	9.269	164	19397	20.578	ug/l		94
65) Chlorobenzene	10.079	112	62199	21.331	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21656	21.749	ug/l		99
67) Ethyl Benzene	10.195	91	113326	22.048	ug/l		99
68) m/p-Xylenes	10.299	106	80924	43.046	ug/l		94
69) o-Xylene	10.640	106	41048	22.397	ug/l		97
70) Styrene	10.652	104	67392	22.447	ug/l		97
71) Bromoform	10.799	173	15427	20.636	ug/l	#	98
73) Isopropylbenzene	10.963	105	110318	22.550	ug/l		100
74) N-amyl acetate	10.841	43	55422	22.926	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38648	22.544	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32723m	21.634	ug/l		
77) Bromobenzene	11.195	156	24841	21.872	ug/l		99
78) n-propylbenzene	11.305	91	124223	21.838	ug/l		99
79) 2-Chlorotoluene	11.360	91	78907	21.507	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	92894	22.729	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	9297	20.011	ug/l		99
82) 4-Chlorotoluene	11.451	91	88804	21.826	ug/l		99
83) tert-Butylbenzene	11.713	119	92557	22.483	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	92688	22.395	ug/l		99
85) sec-Butylbenzene	11.890	105	111854	22.129	ug/l		99
86) p-Isopropyltoluene	12.006	119	93040	22.299	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	44995	21.707	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	44540	21.040	ug/l		98
89) n-Butylbenzene	12.329	91	79526	21.729	ug/l		98
90) Hexachloroethane	12.536	117	15772	21.457	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	46207	22.214	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9047	23.821	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	25914	21.691	ug/l		99
94) Hexachlorobutadiene	13.725	225	11422	21.891	ug/l		100
95) Naphthalene	13.774	128	102748	23.449	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26637	21.608	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046497.D
Acq On : 04 Jun 2025 13:52
Operator : JC/MD
Sample : VX0604WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 01:51:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025

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

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

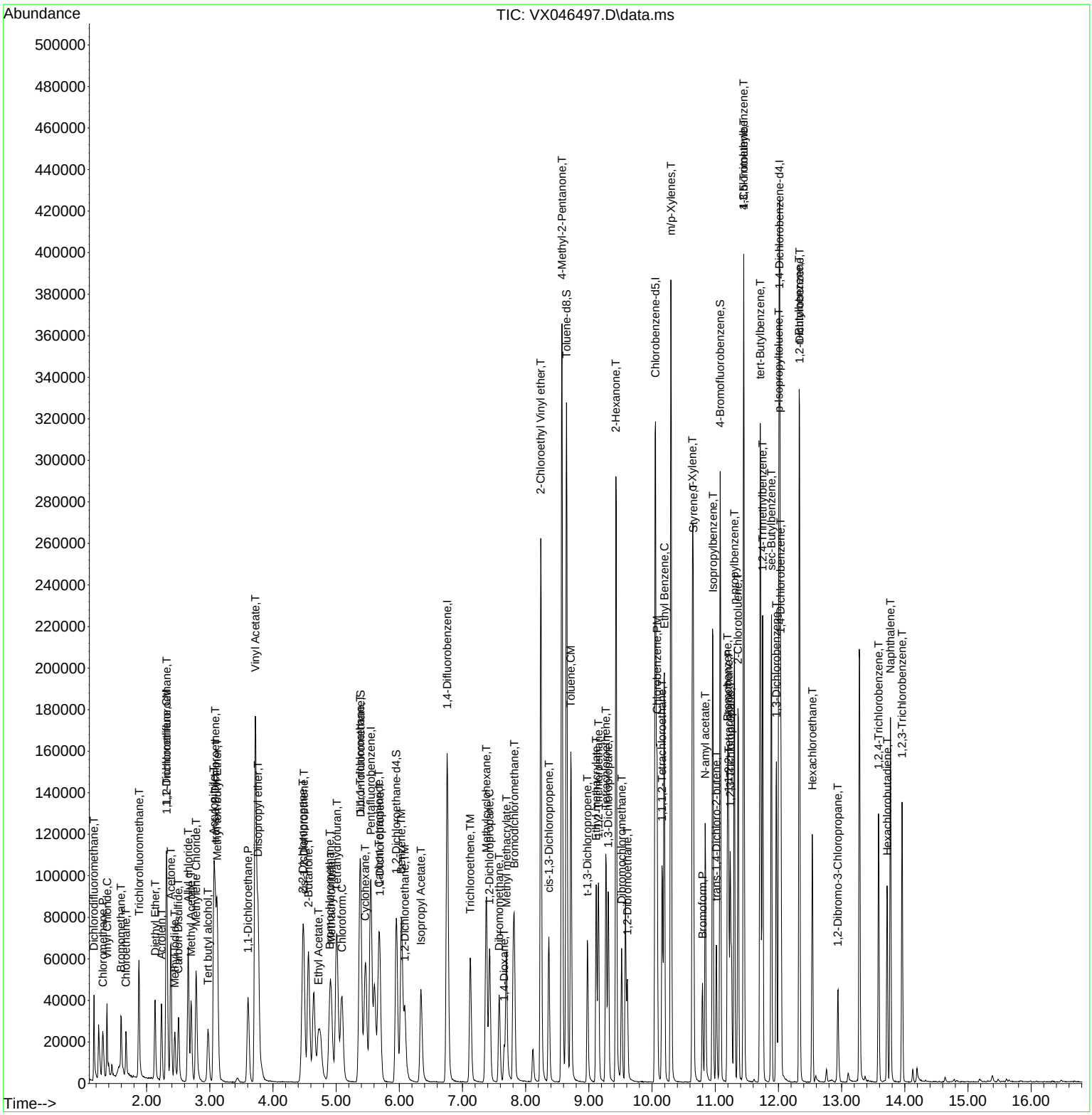
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046497.D
Acq On : 04 Jun 2025 13:52
Operator : JC/MD
Sample : VX0604WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 01:51:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VX060425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046488.D	1,2,3-Trichloropropane	MMDadoda	6/5/2025 4:44:18 PM	SAM	6/5/2025 4:47:19 PM	Peak Integrated by Software
VSTDCCC050	VX046488.D	Methacrylonitrile	MMDadoda	6/5/2025 4:44:18 PM	SAM	6/5/2025 4:47:19 PM	Peak Integrated by Software
VX0604WBS01	VX046491.D	1,2,3-Trichloropropane	MMDadoda	6/5/2025 4:44:20 PM	SAM	6/5/2025 4:47:20 PM	Peak Integrated by Software
VX0604WBSD01	VX046497.D	1,2,3-Trichloropropane	MMDadoda	6/5/2025 4:44:23 PM	SAM	6/5/2025 4:47:24 PM	Peak Integrated by Software
VSTDCCC050	VX046515.D	1,2,3-Trichloropropane	SAM	6/5/2025 4:47:29 PM	MMdadoda	6/6/2025 1:00:26 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060425

Review By	Mahesh Dadoda	Review On	6/5/2025 4:44:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/5/2025 4:48:33 PM		
SubDirectory	VX060425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134124
Initial Calibration Stds	
CCC	VP134125,VP134126
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046487.D	04 Jun 2025 09:43	JC/MD	Ok
2	VSTDCCC050	VX046488.D	04 Jun 2025 10:12	JC/MD	Ok,M
3	VX0604MBL01	VX046489.D	04 Jun 2025 10:40	JC/MD	Ok
4	VX0604WBL01	VX046490.D	04 Jun 2025 11:04	JC/MD	Ok
5	VX0604WBS01	VX046491.D	04 Jun 2025 11:27	JC/MD	Ok,M
6	Q2169-03DL	VX046492.D	04 Jun 2025 11:55	JC/MD	Ok
7	Q2168-08DL	VX046493.D	04 Jun 2025 12:18	JC/MD	Ok
8	Q2168-12DL	VX046494.D	04 Jun 2025 12:41	JC/MD	Ok
9	Q2169-01	VX046495.D	04 Jun 2025 13:05	JC/MD	Dilution
10	Q2175-05	VX046496.D	04 Jun 2025 13:28	JC/MD	Ok
11	VX0604WBSD01	VX046497.D	04 Jun 2025 13:52	JC/MD	Ok,M
12	Q2200-01DL	VX046498.D	04 Jun 2025 14:15	JC/MD	Ok
13	Q2200-02	VX046499.D	04 Jun 2025 14:39	JC/MD	Ok
14	Q2200-05	VX046500.D	04 Jun 2025 15:02	JC/MD	Dilution
15	Q2175-06	VX046501.D	04 Jun 2025 15:26	JC/MD	Dilution
16	IBLK	VX046502.D	04 Jun 2025 15:50	JC/MD	Ok
17	IBLK	VX046503.D	04 Jun 2025 16:13	JC/MD	Ok
18	Q2200-03	VX046504.D	04 Jun 2025 16:37	JC/MD	Ok
19	Q2201-01	VX046505.D	04 Jun 2025 17:01	JC/MD	Ok
20	Q2198-05	VX046506.D	04 Jun 2025 17:25	JC/MD	ReRun
21	IBLK	VX046507.D	04 Jun 2025 17:49	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060425

Review By	Mahesh Dadoda	Review On	6/5/2025 4:44:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/5/2025 4:48:33 PM		
SubDirectory	VX060425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134124
Initial Calibration Stds	
CCC	VP134125,VP134126
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2200-01	VX046508.D	04 Jun 2025 18:12	JC/MD	Dilution
23	Q2200-05DL	VX046509.D	04 Jun 2025 18:36	JC/MD	Ok
24	Q2200-06	VX046510.D	04 Jun 2025 19:00	JC/MD	Ok
25	Q2175-06DL	VX046511.D	04 Jun 2025 19:24	JC/MD	Ok,M
26	VX0604MBS01	VX046512.D	04 Jun 2025 19:47	JC/MD	Ok,M
27	Q2168-11ME	VX046513.D	04 Jun 2025 20:11	JC/MD	Dilution
28	Q2168-07ME	VX046514.D	04 Jun 2025 20:35	JC/MD	Ok
29	VSTDCCC050	VX046515.D	04 Jun 2025 20:59	JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060425

Review By	Mahesh Dadoda	Review On	6/5/2025 4:44:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/5/2025 4:48:33 PM		
SubDirectory	VX060425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134124
Initial Calibration Stds	
CCC	VP134125,VP134126
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046487.D	04 Jun 2025 09:43		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046488.D	04 Jun 2025 10:12	pH#Lot#V12668	JC/MD	Ok,M
3	VX0604MBL01	VX0604MBL01	VX046489.D	04 Jun 2025 10:40		JC/MD	Ok
4	VX0604WBL01	VX0604WBL01	VX046490.D	04 Jun 2025 11:04		JC/MD	Ok
5	VX0604WBS01	VX0604WBS01	VX046491.D	04 Jun 2025 11:27	BS failed low for comp. #17	JC/MD	Ok,M
6	Q2169-03DL	303-PPR-2DL	VX046492.D	04 Jun 2025 11:55	vial B pH<2	JC/MD	Ok
7	Q2168-08DL	B3DL	VX046493.D	04 Jun 2025 12:18	vial B pH#5.0	JC/MD	Ok
8	Q2168-12DL	C2DL	VX046494.D	04 Jun 2025 12:41	vial B pH#5.0	JC/MD	Ok
9	Q2169-01	303-PPR-1	VX046495.D	04 Jun 2025 13:05	vial B pH<2;Need 2X	JC/MD	Dilution
10	Q2175-05	52525-B	VX046496.D	04 Jun 2025 13:28	vial A pH<2 foamy sample	JC/MD	Ok
11	VX0604WBSD01	VX0604WBSD01	VX046497.D	04 Jun 2025 13:52		JC/MD	Ok,M
12	Q2200-01DL	RMW-02B-66-060325D	VX046498.D	04 Jun 2025 14:15		JC/MD	Ok
13	Q2200-02	RMW-03B-90-060325	VX046499.D	04 Jun 2025 14:39		JC/MD	Ok
14	Q2200-05	MW-11B-37.5-060325	VX046500.D	04 Jun 2025 15:02	Need 200X	JC/MD	Dilution
15	Q2175-06	EGR-LIQUID	VX046501.D	04 Jun 2025 15:26	Need 2000X	JC/MD	Dilution
16	IBLK	IBLK	VX046502.D	04 Jun 2025 15:50		JC/MD	Ok
17	IBLK	IBLK	VX046503.D	04 Jun 2025 16:13		JC/MD	Ok
18	Q2200-03	EB01-060325	VX046504.D	04 Jun 2025 16:37	EB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060425

Review By	Mahesh Dadoda	Review On	6/5/2025 4:44:40 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/5/2025 4:48:33 PM		
SubDirectory	VX060425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134124
Initial Calibration Stds	
CCC	VP134125,VP134126
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2201-01	MW-01-6.5-060225	VX046505.D	04 Jun 2025 17:01	vial A pH<2	JC/MD	Ok
20	Q2198-05	B-202-GW01	VX046506.D	04 Jun 2025 17:25	BS failed low for comp. #17	JC/MD	ReRun
21	IBLK	IBLK	VX046507.D	04 Jun 2025 17:49		JC/MD	Ok
22	Q2200-01	RMW-02B-66-060325	VX046508.D	04 Jun 2025 18:12	Need 100X	JC/MD	Dilution
23	Q2200-05DL	MW-11B-37.5-060325D	VX046509.D	04 Jun 2025 18:36		JC/MD	Ok
24	Q2200-06	TB-01-060325	VX046510.D	04 Jun 2025 19:00	TB	JC/MD	Ok
25	Q2175-06DL	EGR-LIQUIDDL	VX046511.D	04 Jun 2025 19:24		JC/MD	Ok,M
26	VX0604MBS01	VX0604MBS01	VX046512.D	04 Jun 2025 19:47		JC/MD	Ok,M
27	Q2168-11ME	C2ME	VX046513.D	04 Jun 2025 20:11	Need 10X	JC/MD	Dilution
28	Q2168-07ME	B3ME	VX046514.D	04 Jun 2025 20:35		JC/MD	Ok
29	VSTDCCC050	VSTDCCC050EC	VX046515.D	04 Jun 2025 20:59		JC/MD	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q2200	**OrderDate:**	6/3/2025 4:06:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2200-01	**RMW-02B-66-060325**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-01DL	**RMW-02B-66-060325 DL**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-02	**RMW-03B-90-060325**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-03	**EB01-060325**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-05	**MW-11B-37.5-060325**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-05DL	**MW-11B-37.5-060325 DL**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	
Q2200-06	**TB-01-060325**	**Water**			**06/03/25**			**06/03/25**
			VOCMS Group3	8260-Low			06/04/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**RMW-02B-66-060325**							
Q2200-01	RMW-02B-66-060325	WATER	1,4-Dioxane	21.100	E	0.07	0.21	ug/L
			Total Svoc :	**21.10**				
			Total Concentration:	**21.10**				
Client ID :	**RMW-02B-66-060325DL**							
Q2200-01DL	RMW-02B-66-060325DL	WATER	1,4-Dioxane	25.100	D	0.68	2.1	ug/L
			Total Svoc :	**25.10**				
			Total Concentration:	**25.10**				
Client ID :	**RMW-03B-90-060325**							
Q2200-02	RMW-03B-90-060325	WATER	1,4-Dioxane	6.400	E	0.07	0.21	ug/L
			Total Svoc :	**6.40**				
			Total Concentration:	**6.40**				
Client ID :	**RMW-03B-90-060325DL**							
Q2200-02DL	RMW-03B-90-060325DL	WATER	1,4-Dioxane	5.400	D	0.14	0.42	ug/L
			Total Svoc :	**5.40**				
			Total Concentration:	**5.40**				
Client ID :	**MW-11B-37.5-060325**							
Q2200-05	MW-11B-37.5-060325	WATER	1,4-Dioxane	22.100	E	0.07	0.21	ug/L
			Total Svoc :	**22.10**				
			Total Concentration:	**22.10**				
Client ID :	**MW-11B-37.5-060325DL**							
Q2200-05DL	MW-11B-37.5-060325DL	WATER	1,4-Dioxane	25.100	D	0.68	2.1	ug/L
			Total Svoc :	**25.10**				
			Total Concentration:	**25.10**				

SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-02B-66-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037177.D	1	06/04/25 11:46	06/05/25 12:44	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	21.1	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	95%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	110%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2050	7.589			
1146-65-2	Naphthalene-d8	4890	10.372			
15067-26-2	Acenaphthene-d10	2460	14.234			
1517-22-2	Phenanthrene-d10	4390	16.984			
1719-03-5	Chrysene-d12	3310	21.188			
1520-96-3	Perylene-d12	3370	23.374			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-02B-66-060325DL	SDG No.:	Q2200
Lab Sample ID:	Q2200-01DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037183.D	10	06/04/25 11:46	06/05/25 16:57	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	25.1	D	0.68	2.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	83%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (54) - 150 (157)	105%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	93%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.52		30 (54) - 130 (175)	130%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1560	7.597			
1146-65-2	Naphthalene-d8	4020	10.372			
15067-26-2	Acenaphthene-d10	2280	14.235			
1517-22-2	Phenanthrene-d10	4260	16.996			
1719-03-5	Chrysene-d12	2800	21.189			
1520-96-3	Perylene-d12	2510	23.38			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-03B-90-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037178.D	1	06/04/25 11:46	06/05/25 13:20	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.40	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	74%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	78%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1900	7.589			
1146-65-2	Naphthalene-d8	4870	10.372			
15067-26-2	Acenaphthene-d10	2510	14.235			
1517-22-2	Phenanthrene-d10	4280	16.984			
1719-03-5	Chrysene-d12	2890	21.189			
1520-96-3	Perylene-d12	2730	23.377			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	RMW-03B-90-060325DL	SDG No.:	Q2200
Lab Sample ID:	Q2200-02DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037184.D	2	06/04/25 11:46	06/05/25 17:33	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	5.40	D	0.14	0.42	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.24		30 (20) - 150 (139)	60%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.29		30 (54) - 150 (157)	72%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.24		30 (27) - 130 (154)	60%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.26		30 (30) - 130 (155)	65%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (175)	97%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1830	7.59			
1146-65-2	Naphthalene-d8	4770	10.372			
15067-26-2	Acenaphthene-d10	2650	14.235			
1517-22-2	Phenanthrene-d10	4720	16.984			
1719-03-5	Chrysene-d12	2950	21.189			
1520-96-3	Perylene-d12	2770	23.377			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	EB01-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037179.D	1	06/04/25 11:46	06/05/25 13:56	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	73%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	77%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	108%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1770	7.589			
1146-65-2	Naphthalene-d8	4600	10.372			
15067-26-2	Acenaphthene-d10	2430	14.234			
1517-22-2	Phenanthrene-d10	4340	16.984			
1719-03-5	Chrysene-d12	2780	21.188			
1520-96-3	Perylene-d12	2500	23.38			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	MW-01-6.5-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-04	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037180.D	1	06/04/25 11:46	06/05/25 14:32	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	80%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	85%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	108%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1860	7.589			
1146-65-2	Naphthalene-d8	4770	10.372			
15067-26-2	Acenaphthene-d10	2550	14.234			
1517-22-2	Phenanthrene-d10	4650	16.984			
1719-03-5	Chrysene-d12	3040	21.189			
1520-96-3	Perylene-d12	2760	23.377			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	MW-11B-37.5-060325	SDG No.:	Q2200
Lab Sample ID:	Q2200-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037181.D	1	06/04/25 11:46	06/05/25 15:08	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	22.1	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	90%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	81%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	80%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	109%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2010	7.589			
1146-65-2	Naphthalene-d8	5260	10.372			
15067-26-2	Acenaphthene-d10	2800	14.235			
1517-22-2	Phenanthrene-d10	4920	16.984			
1719-03-5	Chrysene-d12	3310	21.189			
1520-96-3	Perylene-d12	3150	23.377			

U = Not Detected
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MDL = Method Detection Limit
LOD = Limit of Detection
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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
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/03/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/03/25
Client Sample ID:	MW-11B-37.5-060325DL	SDG No.:	Q2200
Lab Sample ID:	Q2200-05DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037185.D	10	06/04/25 11:46	06/05/25 18:10	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	25.1	D	0.68	2.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.33		30 (30) - 130 (155)	83%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1670	7.589			
1146-65-2	Naphthalene-d8	4200	10.372			
15067-26-2	Acenaphthene-d10	2310	14.234			
1517-22-2	Phenanthrene-d10	4170	16.984			
1719-03-5	Chrysene-d12	2650	21.188			
1520-96-3	Perylene-d12	2590	23.377			

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LOD = Limit of Detection
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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
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A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168286BL	PB168286BL	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	85		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	98		30 (54)	130 (175)
PB168286BS	PB168286BS	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	94		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	91		30 (54)	130 (175)
PB168286BSD	PB168286BSD	2-Methylnaphthalene-d10	0.4	0.41	101		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	79		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	89		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	96		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	94		30 (54)	130 (175)
Q2200-01	RMW-02B-66-060325	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	95		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	110		30 (54)	130 (175)
Q2200-01DL	RMW-02B-66-060325DL	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	93		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	130		30 (54)	130 (175)
Q2200-02	RMW-03B-90-060325	2-Methylnaphthalene-d10	0.4	0.30	74		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	78		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)
Q2200-02DL	RMW-03B-90-060325DL	2-Methylnaphthalene-d10	0.4	0.24	60		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	72		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.24	60		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.26	65		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	97		30 (54)	130 (175)
Q2200-03	EB01-060325	2-Methylnaphthalene-d10	0.4	0.29	73		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	77		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
Q2200-04	MW-01-6.5-060325	2-Methylnaphthalene-d10	0.4	0.32	80		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	85		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
Q2200-05	MW-11B-37.5-060325	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	80		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q2200-05DL	MW-11B-37.5-060325DL	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2200-05DL	MW-11B-37.5-060325DL	Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.33	83		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037182.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168286BS	1,4-Dioxane	0.4	0.40	ug/L	100				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037186.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168286BSD	1,4-Dioxane	0.4	0.40	ug/L	100	0			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168286BL

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: BN037173.D Lab Sample ID: PB168286BL

Instrument ID: BNA_N Date Extracted: 06/04/2025

Matrix: (soil/water) Water Date Analyzed: 06/05/2025

Level: (low/med) LOW Time Analyzed: 10:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168286BS	PB168286BS	BN037182.D	06/05/2025
RMW-02B-66-060325	Q2200-01	BN037177.D	06/05/2025
RMW-03B-90-060325	Q2200-02	BN037178.D	06/05/2025
EB01-060325	Q2200-03	BN037179.D	06/05/2025
PB168286BSD	PB168286BSD	BN037186.D	06/05/2025
MW-01-6.5-060325	Q2200-04	BN037180.D	06/05/2025
MW-11B-37.5-060325	Q2200-05	BN037181.D	06/05/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: BN037142.D DFTPP Injection Date: 06/03/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	58.7
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	53.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	12.1 (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
SSTDICC0.1	SSTDICC0.1	BN037143.D	06/03/2025	11:39
SSTDICC0.2	SSTDICC0.2	BN037144.D	06/03/2025	12:15
SSTDICCC0.4	SSTDICCC0.4	BN037145.D	06/03/2025	12:51
SSTDICC0.8	SSTDICC0.8	BN037146.D	06/03/2025	13:26
SSTDICC1.6	SSTDICC1.6	BN037147.D	06/03/2025	14:02
SSTDICC3.2	SSTDICC3.2	BN037148.D	06/03/2025	14:38
SSTDICC5.0	SSTDICC5.0	BN037149.D	06/03/2025	15:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2200 SDG NO.: Q2200

Lab File ID: BN037171.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_N DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	74.9
68	Less than 2.0% of mass 69	0.4 (0.7) 1
69	Mass 69 relative abundance	60.7
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	8.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.3 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037172.D	06/05/2025	09:42
PB168286BL	PB168286BL	BN037173.D	06/05/2025	10:19
RMW-02B-66-060325	Q2200-01	BN037177.D	06/05/2025	12:44
RMW-03B-90-060325	Q2200-02	BN037178.D	06/05/2025	13:20
EB01-060325	Q2200-03	BN037179.D	06/05/2025	13:56
MW-01-6.5-060325	Q2200-04	BN037180.D	06/05/2025	14:32
MW-11B-37.5-060325	Q2200-05	BN037181.D	06/05/2025	15:08
PB168286BS	PB168286BS	BN037182.D	06/05/2025	16:21
RMW-02B-66-060325DL	Q2200-01DL	BN037183.D	06/05/2025	16:57
RMW-03B-90-060325DL	Q2200-02DL	BN037184.D	06/05/2025	17:33
MW-11B-37.5-060325DL	Q2200-05DL	BN037185.D	06/05/2025	18:10
PB168286BSD	PB168286BSD	BN037186.D	06/05/2025	18:46

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/05/2025

Lab File ID: BN037172.D Time Analyzed: 09:42

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2188	7.589	5634	10.37	3073	14.23
	UPPER LIMIT	4376	8.089	11268	10.872	6146	14.734
	LOWER LIMIT	1094	7.089	2817	9.872	1536.5	13.734
	EPA SAMPLE NO.						
01	PB168286BL	1976	7.59	4795	10.37	2582	14.25
02	PB168286BS	2072	7.59	5107	10.37	2443	14.24
03	PB168286BSD	1756	7.59	4279	10.37	2046	14.24
04	RMW-02B-66-060325	2048	7.59	4893	10.37	2464	14.23
05	RMW-02B-66-060325DL	1563	7.60	4019	10.37	2284	14.24
06	RMW-03B-90-060325	1903	7.59	4873	10.37	2514	14.24
07	RMW-03B-90-060325DL	1825	7.59	4774	10.37	2649	14.24
08	EB01-060325	1771	7.59	4597	10.37	2434	14.23
09	MW-01-6.5-060325	1856	7.59	4772	10.37	2549	14.23
10	MW-11B-37.5-060325	2014	7.59	5256	10.37	2798	14.24
11	MW-11B-37.5-060325DL	1668	7.59	4203	10.37	2312	14.23

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: CHEMTECH

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG NO.: Q2200

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/05/2025

Lab File ID: BN037172.D Time Analyzed: 09:42

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5620	16.984	3619	21.188	3205	23.374
	UPPER LIMIT	11240	17.484	7238	21.688	6410	23.874
	LOWER LIMIT	2810	16.484	1809.5	20.688	1602.5	22.874
	EPA SAMPLE NO.						
01	PB168286BL	4632	17.00	2959	21.19	2743	23.38
02	PB168286BS	4074	16.98	2362	21.19	2229	23.38
03	PB168286BSD	3397	16.98	1984	21.18	1936	23.38
04	RMW-02B-66-060325	4393	16.98	3309	21.19	3372	23.37
05	RMW-02B-66-060325DL	4264	17.00	2795	21.19	2507	23.38
06	RMW-03B-90-060325	4282	16.98	2888	21.19	2734	23.38
07	RMW-03B-90-060325DL	4719	16.98	2954	21.19	2771	23.38
08	EB01-060325	4339	16.98	2778	21.19	2502	23.38
09	MW-01-6.5-060325	4645	16.98	3039	21.19	2764	23.38
10	MW-11B-37.5-060325	4922	16.98	3314	21.19	3148	23.38
11	MW-11B-37.5-060325DL	4171	16.98	2654	21.19	2589	23.38

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.

QC SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168286BL	SDG No.:	Q2200
Lab Sample ID:	PB168286BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037173.D	1	06/04/25 11:46	06/05/25 10:19	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	89%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (54) - 150 (157)	85%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	84%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	91%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (175)	98%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1980	7.589			
1146-65-2	Naphthalene-d8	4800	10.372			
15067-26-2	Acenaphthene-d10	2580	14.245			
1517-22-2	Phenanthrene-d10	4630	16.996			
1719-03-5	Chrysene-d12	2960	21.188			
1520-96-3	Perylene-d12	2740	23.377			

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168286BS	SDG No.:	Q2200
Lab Sample ID:	PB168286BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037182.D	1	06/04/25 11:46	06/05/25 16:21	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.40		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	94%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	91%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2070	7.589			
1146-65-2	Naphthalene-d8	5110	10.372			
15067-26-2	Acenaphthene-d10	2440	14.235			
1517-22-2	Phenanthrene-d10	4070	16.984			
1719-03-5	Chrysene-d12	2360	21.189			
1520-96-3	Perylene-d12	2230	23.377			

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168286BSD	SDG No.:	Q2200
Lab Sample ID:	PB168286BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037186.D	1	06/04/25 11:46	06/05/25 18:46	PB168286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.40		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.41		30 (20) - 150 (139)	101%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 (54) - 150 (157)	79%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	89%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	96%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	94%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1760	7.589			
1146-65-2	Naphthalene-d8	4280	10.372			
15067-26-2	Acenaphthene-d10	2050	14.235			
1517-22-2	Phenanthrene-d10	3400	16.984			
1719-03-5	Chrysene-d12	1980	21.18			
1520-96-3	Perylene-d12	1940	23.377			

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

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 04 01:52:03 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037143.D 0.2 =BN037144.D 0.4 =BN037145.D 0.8 =BN037146.D 1.6 =BN037147.D 3.2 =BN037148.D 5.0 =BN037149.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.598	0.657	0.510	0.506	0.526	0.477	0.458	0.533	13.16
3)		n-Nitrosodimet...	1.098	1.031	1.061	1.067	1.163	1.061	1.012	1.071	4.60
4)	S	2-Fluorophenol	1.027	1.017	0.940	0.945	1.036	0.984	0.975	0.989	3.91
5)	S	Phenol-d6	1.156	1.144	1.127	1.126	1.293	1.261	1.285	1.199	6.42
6)		bis(2-Chloroet...	1.138	1.139	1.128	1.089	1.223	1.146	1.146	1.144	3.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.393	0.383	0.421	0.407	0.455	0.450	0.446	0.422	6.86
9)		Naphthalene	1.183	1.125	1.119	1.111	1.215	1.165	1.160	1.154	3.31
10)		Hexachlorobuta...	0.253	0.249	0.261	0.247	0.266	0.246	0.238	0.251	3.81
11)	SURR	2-Methylnaphth...	0.520	0.515	0.562	0.536	0.598	0.577	0.588	0.557	5.97
12)		2-Methylnaphth...	0.704	0.680	0.691	0.719	0.809	0.783	0.793	0.740	7.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.124	0.147	0.146	0.157	0.185	0.182	0.186	0.161	15.03
15)	S	2-Fluorobiphenyl	1.722	1.691	1.626	1.654	1.814	1.706	1.725	1.705	3.52
16)		Acenaphthylene	1.946	1.905	1.768	1.871	2.112	2.050	2.075	1.961	6.32
17)		Acenaphthene	1.290	1.253	1.159	1.212	1.370	1.309	1.320	1.273	5.59
18)		Fluorene	1.701	1.577	1.518	1.611	1.823	1.736	1.752	1.674	6.48
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.039	0.050	0.067	0.090	0.102	0.114	0.077	38.58
21)		4-Bromophenyl-...	0.256	0.253	0.244	0.254	0.281	0.276	0.271	0.262	5.32
22)		Hexachlorobenzene	0.289	0.284	0.269	0.279	0.301	0.284	0.274	0.283	3.72
23)		Atrazine	0.194	0.200	0.187	0.209	0.241	0.238	0.247	0.216	11.42
24)		Pentachlorophenol		0.086	0.092	0.107	0.140	0.153	0.165	0.124	26.72
25)		Phenanthrene	1.285	1.242	1.193	1.248	1.386	1.357	1.361	1.296	5.64
26)		Anthracene	1.098	1.099	1.036	1.143	1.294	1.290	1.317	1.183	9.71
27)	SURR	Fluoranthene-d10	0.969	0.937	0.975	0.956	1.092	1.071	1.114	1.016	7.22
28)		Fluoranthene	1.339	1.294	1.277	1.365	1.579	1.563	1.605	1.432	10.09
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.051	1.974	1.827	1.928	2.048	1.955	1.885	1.953	4.20
31)	S	Terphenyl-d14	0.964	0.909	0.896	0.941	1.006	0.952	0.923	0.942	3.96
32)		Benzo(a)anthra...	1.369	1.367	1.291	1.404	1.582	1.553	1.570	1.448	8.15
33)		Chrysene	1.755	1.636	1.473	1.582	1.698	1.584	1.556	1.612	5.81
34)		Bis(2-ethylhex...	1.032	0.859	0.774	0.858	0.956	0.914	1.002	0.914	9.90
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M

36)		Indeno(1,2,3-c...	1.443	1.605	1.501	1.526	1.695	1.673	1.697	1.591	6.44
37)		Benzo(b)fluora...	1.529	1.520	1.421	1.575	1.763	1.713	1.781	1.615	8.58
38)		Benzo(k)fluora...	1.576	1.565	1.461	1.612	1.777	1.743	1.805	1.648	7.79
39)	C	Benzo(a)pyrene	1.310	1.287	1.219	1.294	1.451	1.426	1.481	1.352	7.32
40)		Dibenzo(a,h)an...	1.074	1.167	1.160	1.196	1.333	1.332	1.328	1.227	8.48
41)		Benzo(g,h,i)pe...	1.368	1.450	1.351	1.372	1.477	1.424	1.425	1.410	3.33

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2200 SAS No.: Q2200 SDG No.: Q2200

Instrument ID: BNA_N Calibration Date/Time: 06/05/2025 09:42

Lab File ID: BN037172.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.553		-0.7	20.0
Fluoranthene-d10	1.016	0.921		-9.4	20.0
2-Fluorophenol	0.989	0.924		-6.6	20.0
Phenol-d6	1.199	1.117		-6.8	20.0
Nitrobenzene-d5	0.422	0.422		0.0	20.0
2-Fluorobiphenyl	1.705	1.677		-1.6	20.0
2,4,6-Tribromophenol	0.161	0.143		-11.2	20.0
Terphenyl-d14	0.942	0.898		-4.7	20.0
1,4-Dioxane	0.533	0.502		-5.8	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037177.D
Acq On : 05 Jun 2025 12:44
Operator : RC/JU
Sample : Q2200-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Quant Time: Jun 05 14:08:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

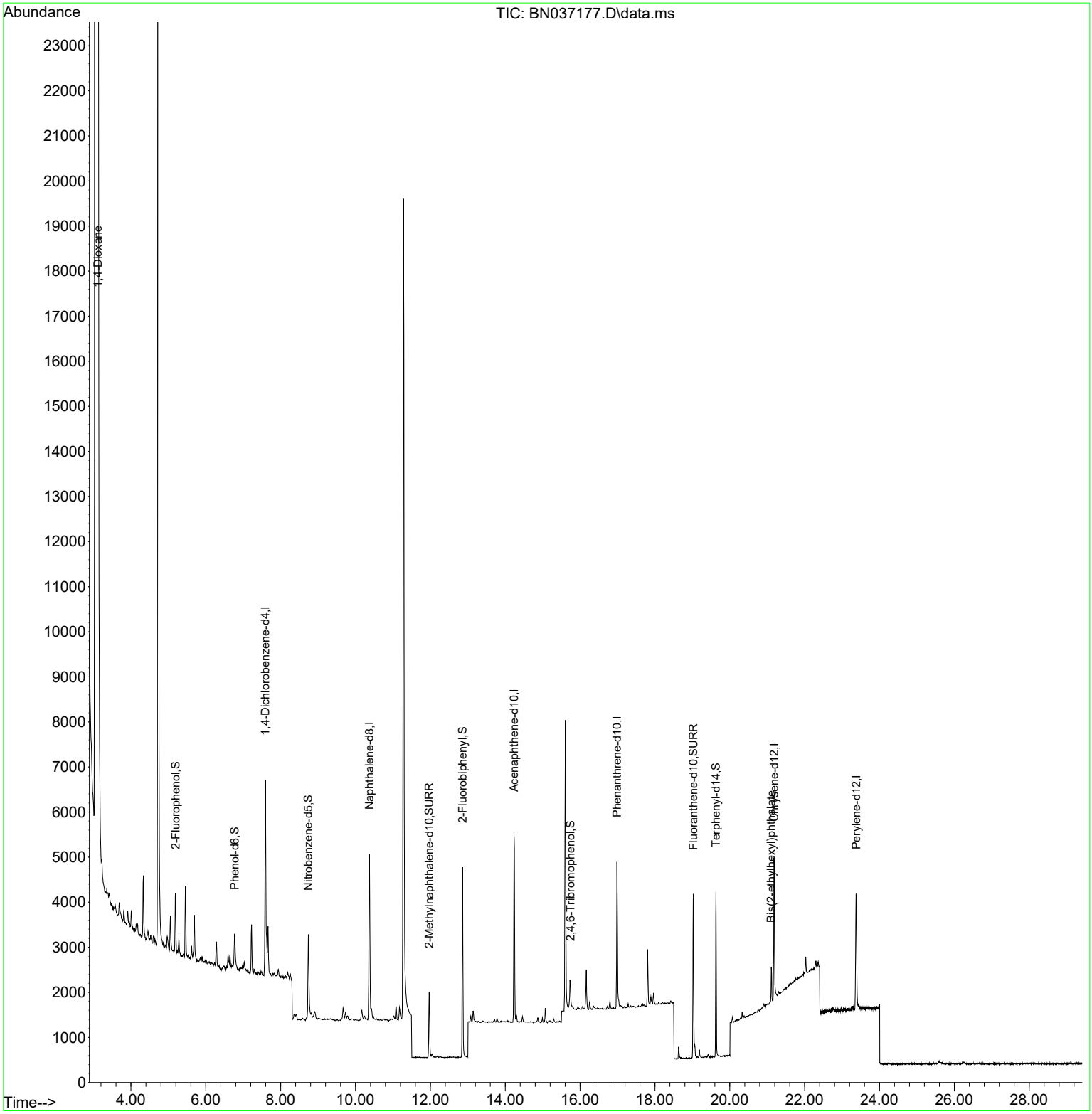
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2048	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	4893	0.400	ng		0.00
13) Acenaphthene-d10	14.234	164	2464	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4393	0.400	ng		0.00
29) Chrysene-d12	21.188	240	3309	0.400	ng		0.00
35) Perylene-d12	23.374	264	3372	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.191	112	898	0.177	ng		0.00
5) Phenol-d6	6.773	99	666	0.108	ng		0.00
8) Nitrobenzene-d5	8.738	82	1702	0.330	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	2102	0.309	ng		0.00
14) 2,4,6-Tribromophenol	15.742	330	363	0.366	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	3785	0.360	ng		0.00
27) Fluoranthene-d10	19.026	212	4262	0.382	ng		0.00
31) Terphenyl-d14	19.630	244	3420	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	55921	20.484	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	778	0.103	ng	#	94

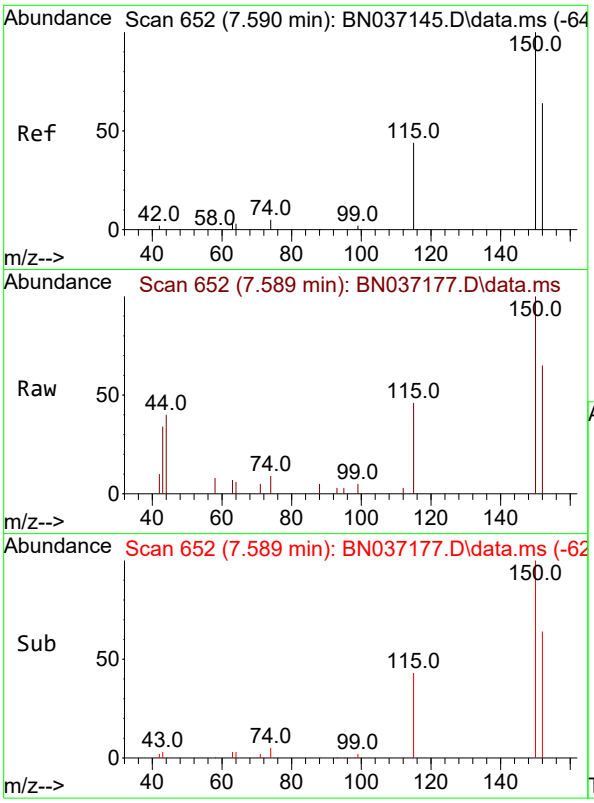
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037177.D
Acq On : 05 Jun 2025 12:44
Operator : RC/JU
Sample : Q2200-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Quant Time: Jun 05 14:08:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



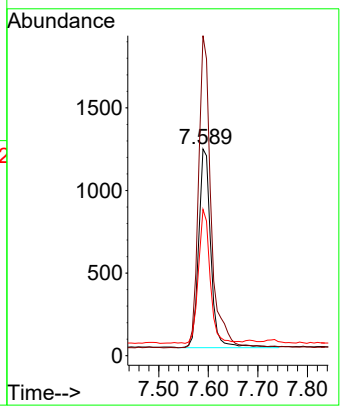


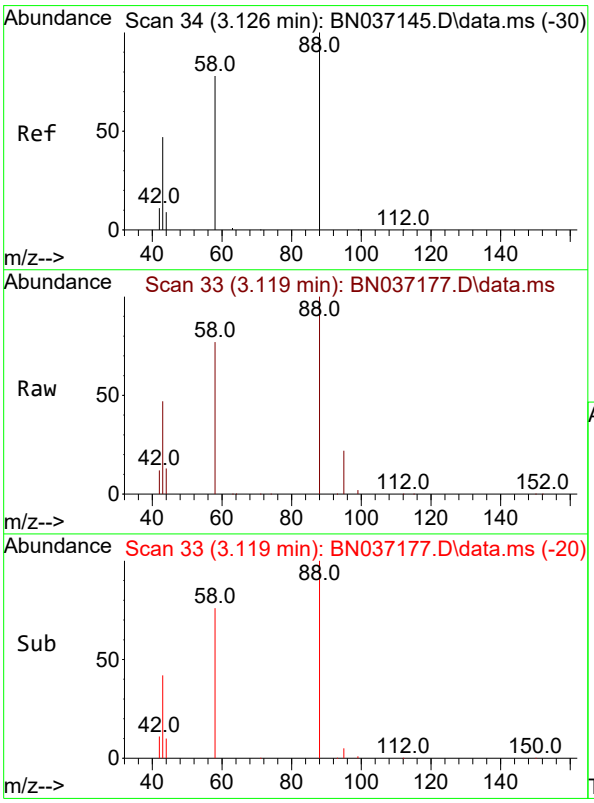
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:152 Resp: 2048

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.2	184.8
115	70.7	56.6	85.0

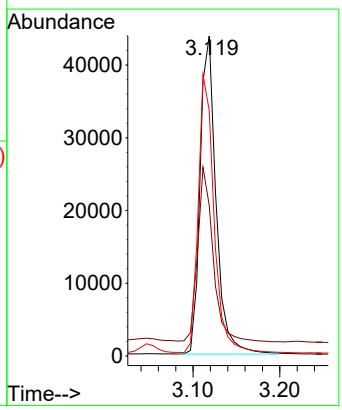


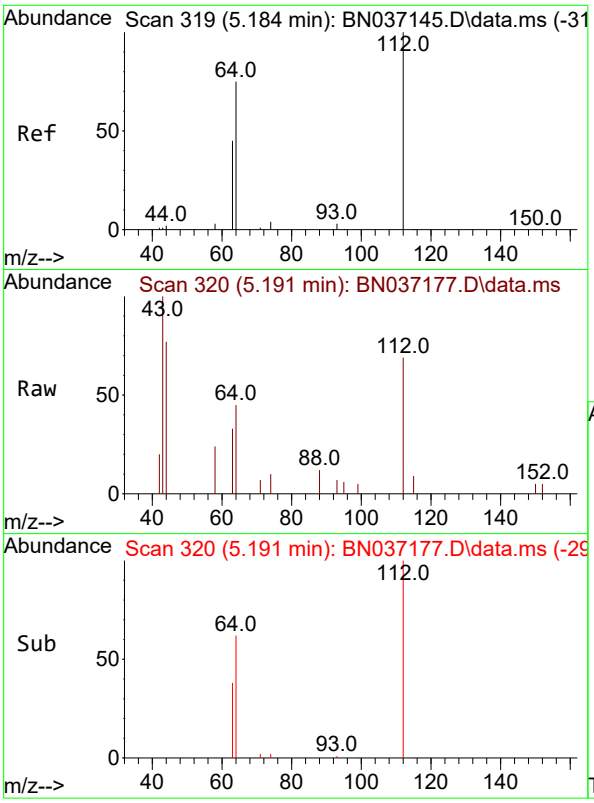


#2
1,4-Dioxane
Concen: 20.484 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.008 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 88 Resp: 55921

Ion	Ratio	Lower	Upper
88	100		
43	53.0	43.5	65.3
58	86.6	67.7	101.5



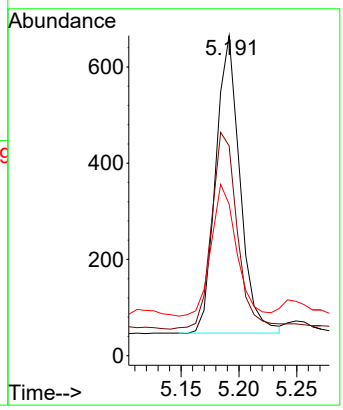


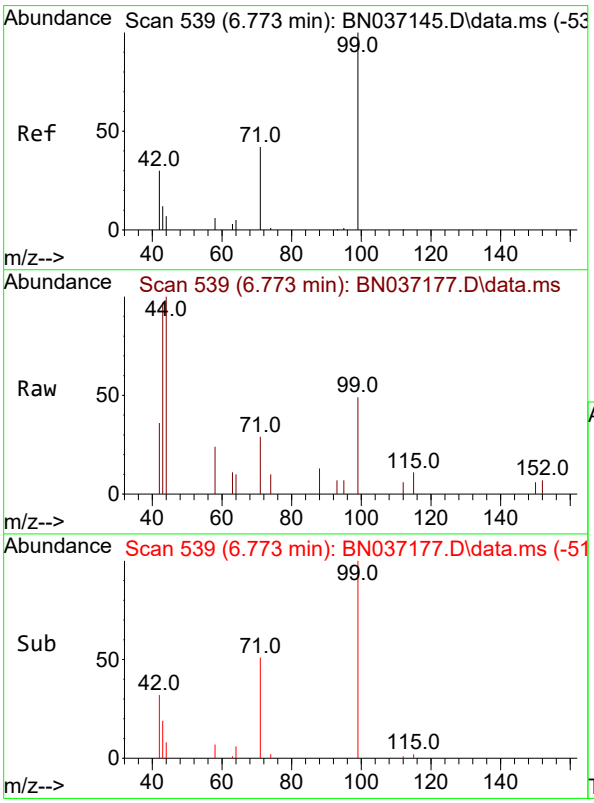
#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.191 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:112 Resp: 898

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	46.4	36.2	54.4

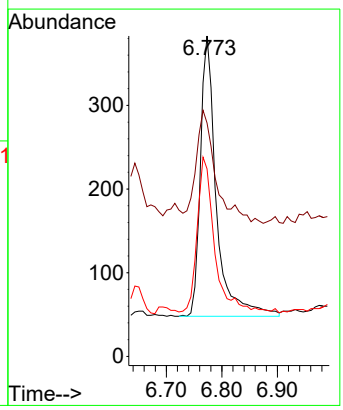


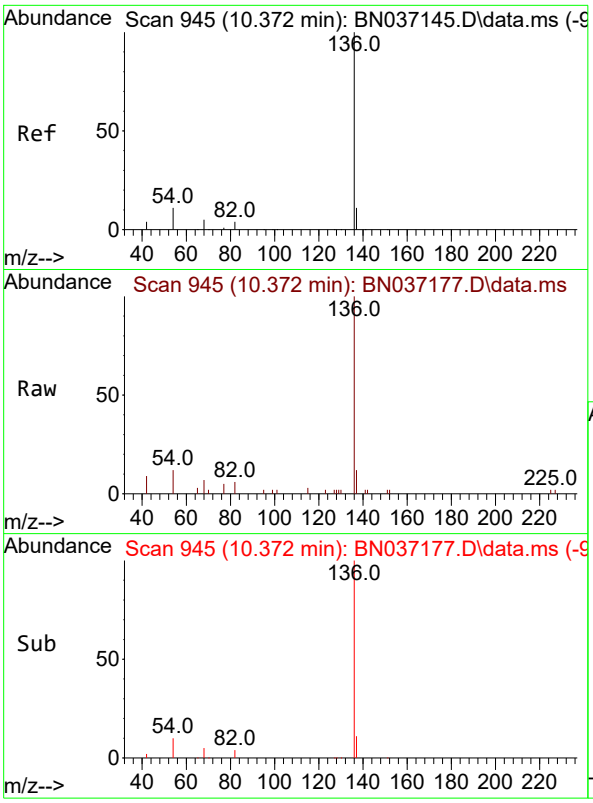


#5
Phenol-d6
Concen: 0.108 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 99 Resp: 666

Ion	Ratio	Lower	Upper
99	100		
42	50.5	31.3	46.9#
71	59.8	38.2	57.2#



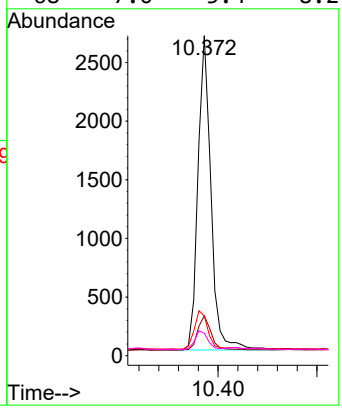


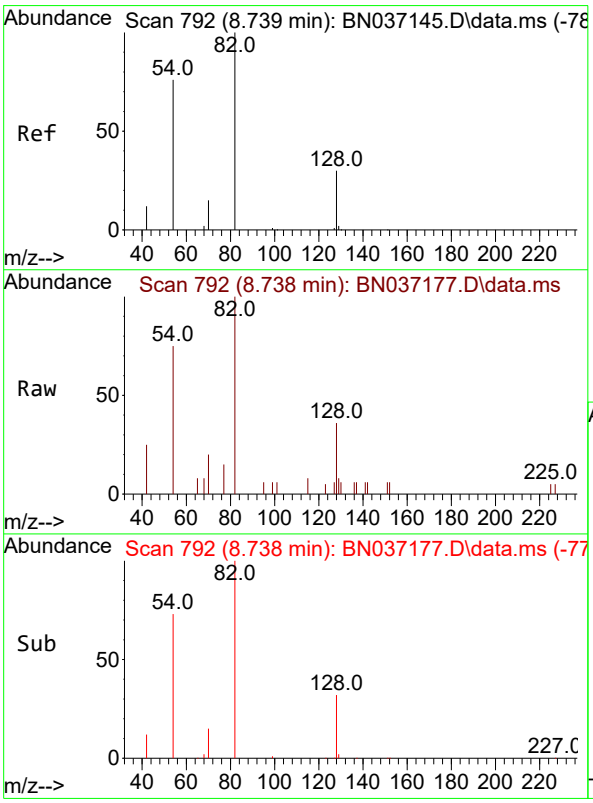
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:136 Resp: 4893

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.7	14.5
54	12.4	9.7	14.5
68	7.0	5.4	8.2

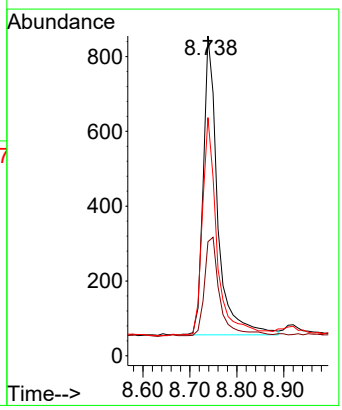


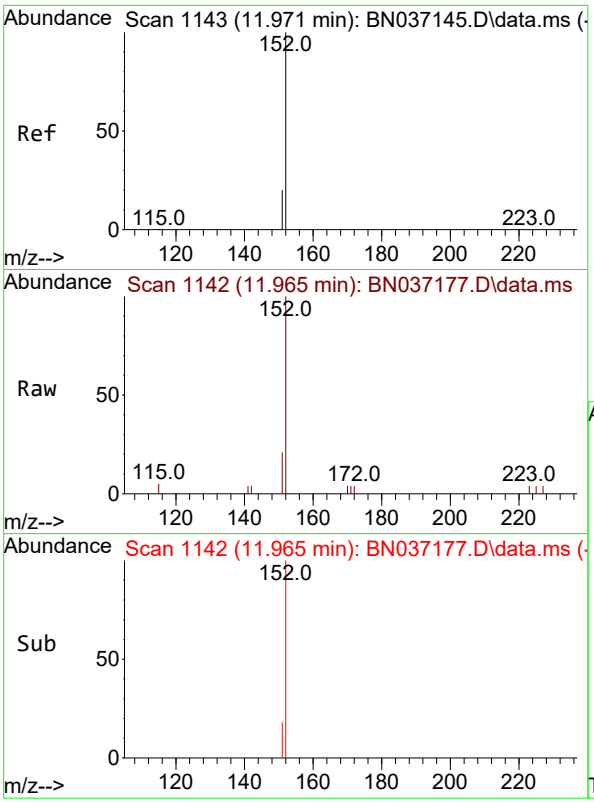


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.738 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion: 82 Resp: 1702

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.9	40.3
54	74.5	61.4	92.2



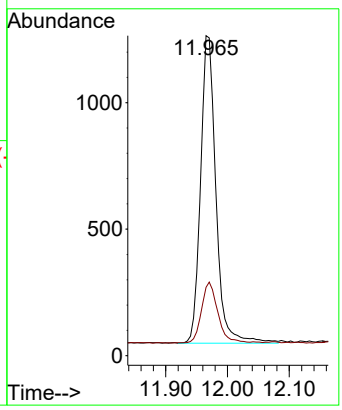


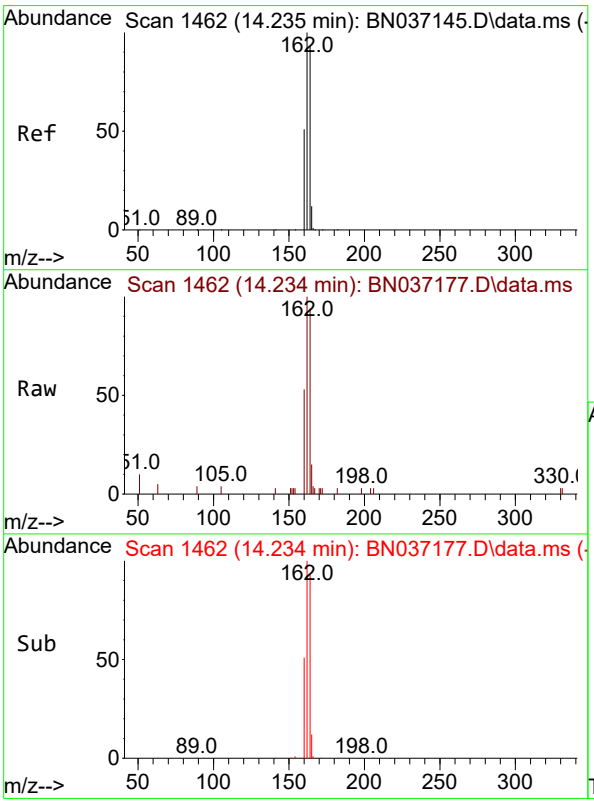
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.965 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:152 Resp: 2102

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7

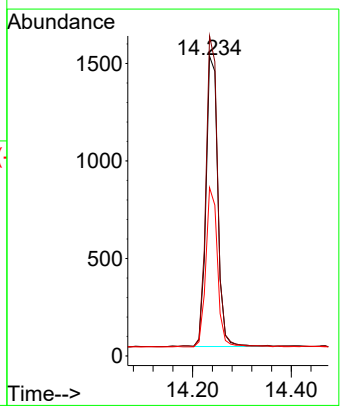


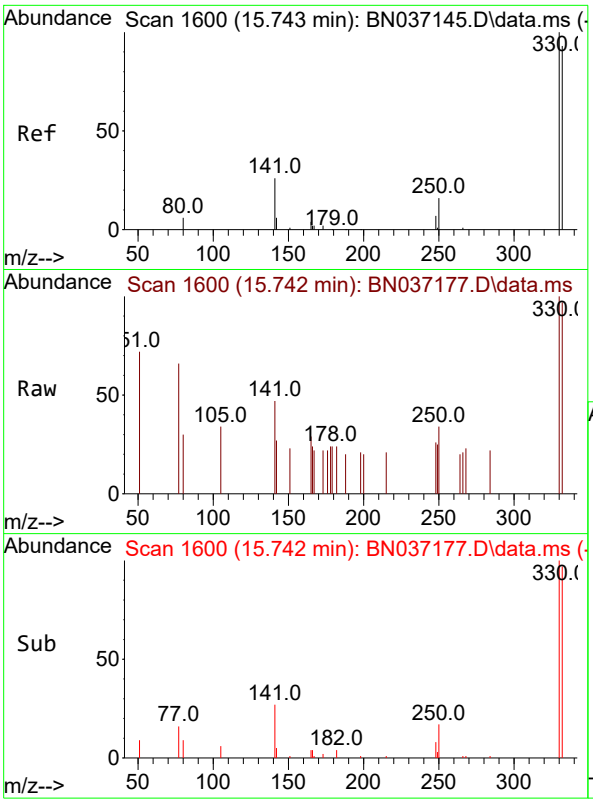


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:164 Resp: 2464

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.5	128.3
160	56.1	44.6	67.0



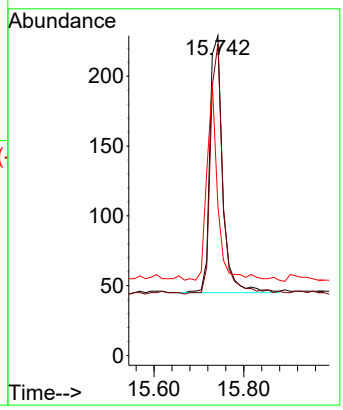


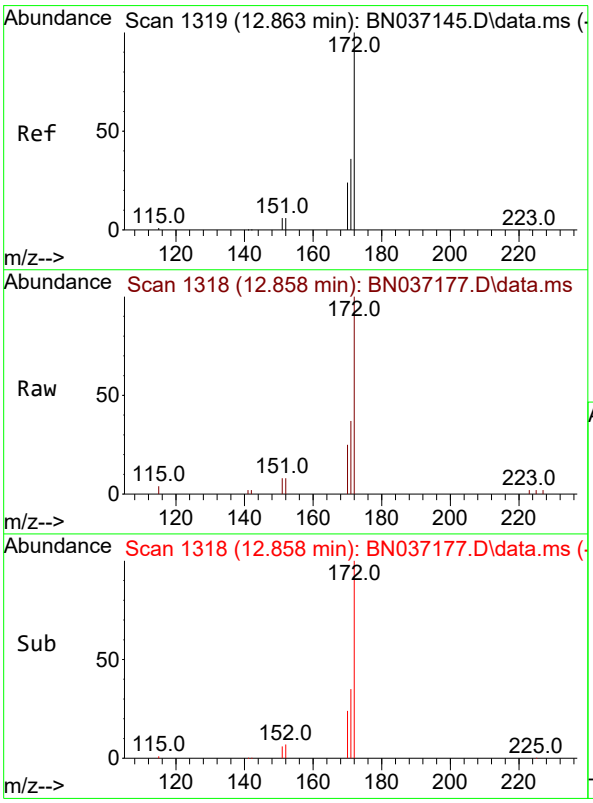
#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:330 Resp: 363

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	68.6	46.4	69.6

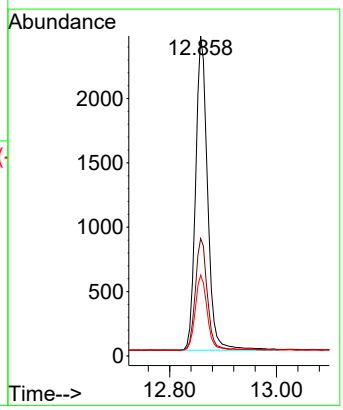


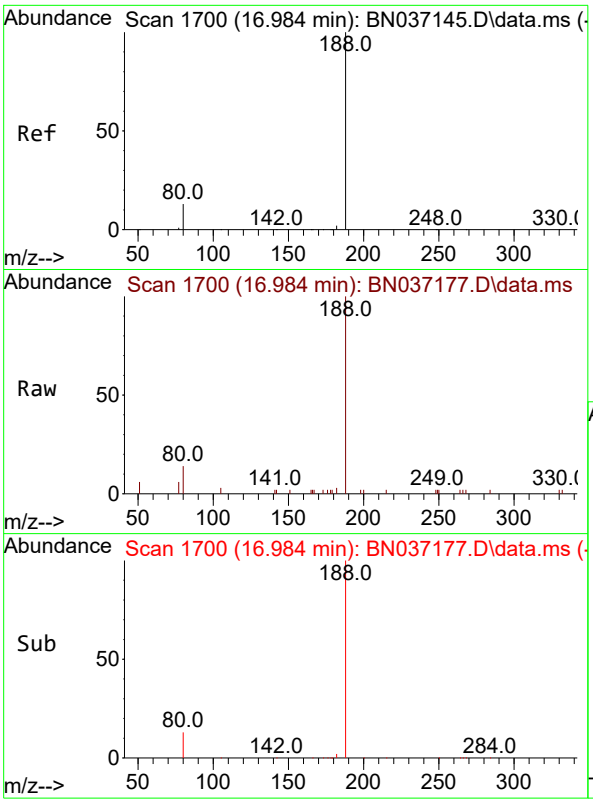


#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:172 Resp: 3785

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.2	20.3	30.5



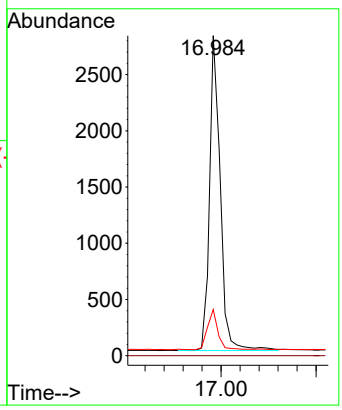


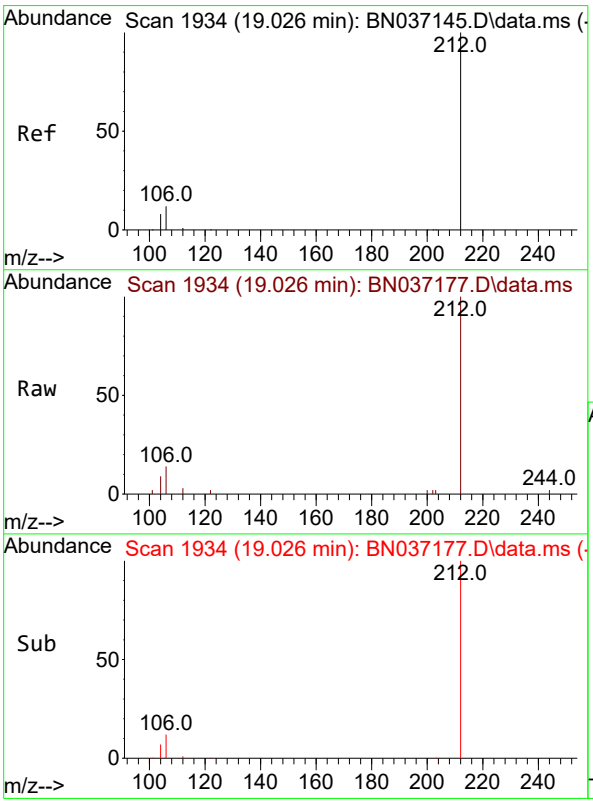
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:188 Resp: 4393

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	11.3	16.9

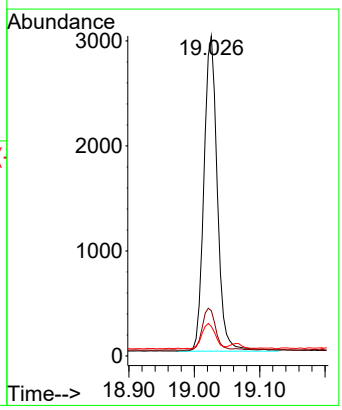


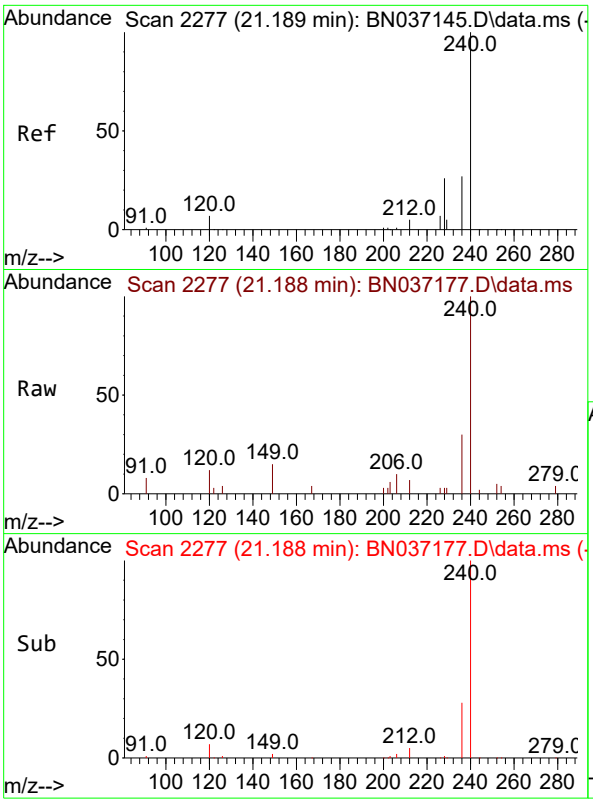


#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:212 Resp: 4262

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	7.9	6.6	9.8



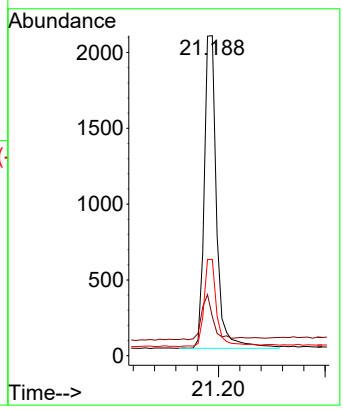


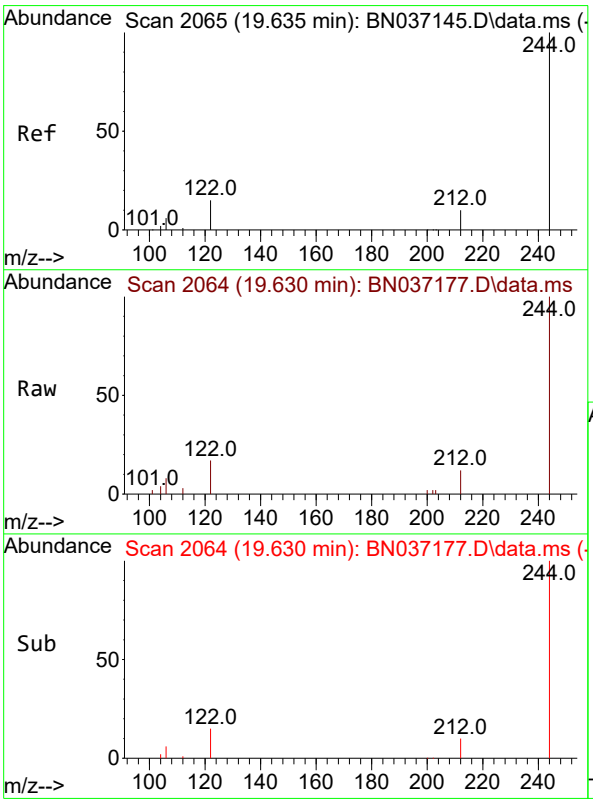
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:240 Resp: 3309

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	30.1	23.0	34.4

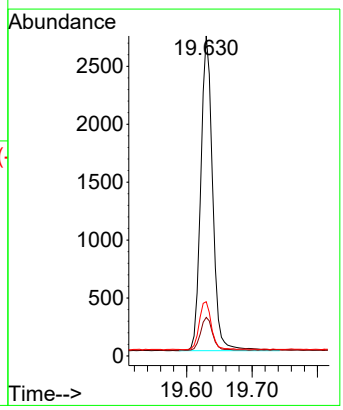


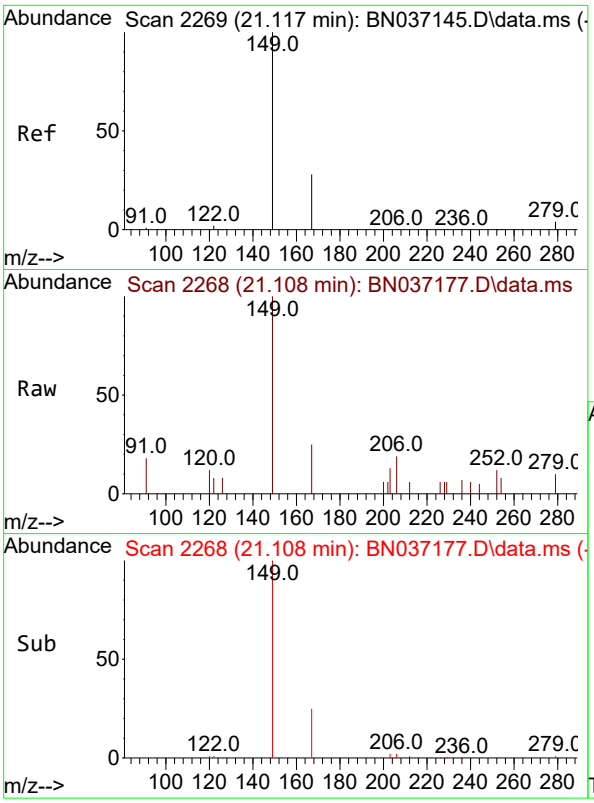


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:244 Resp: 3420

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	16.9	13.2	19.8



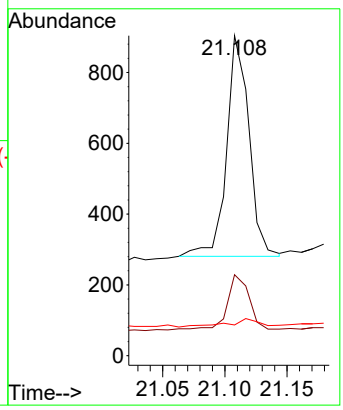


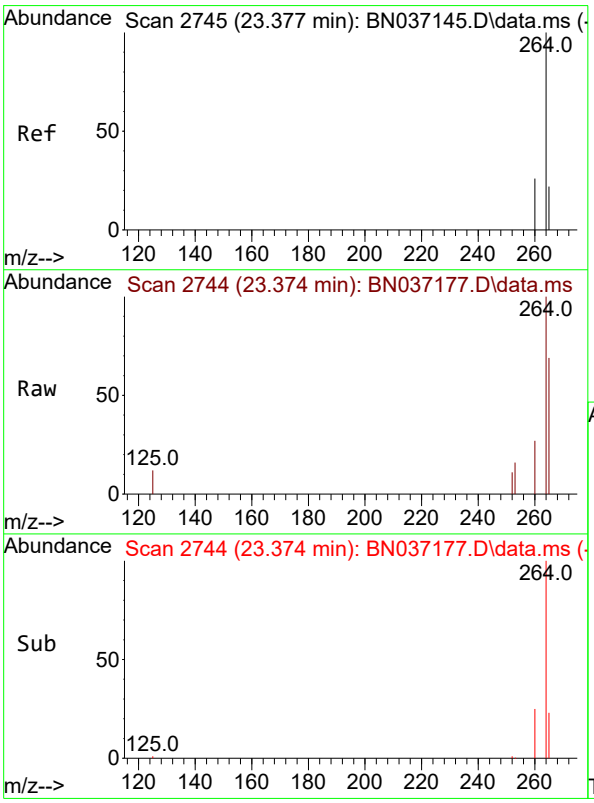
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325

Tgt Ion:149 Resp: 778

Ion	Ratio	Lower	Upper
149	100		
167	23.0	21.0	31.4
279	5.5	2.9	4.3#

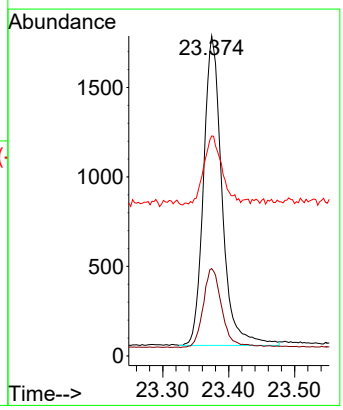




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2744
Delta R.T. -0.003 min
Lab File: BN037177.D
Acq: 05 Jun 2025 12:44

Tgt Ion:264 Resp: 3372

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.1	33.1
265	68.7	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037183.D
Acq On : 05 Jun 2025 16:57
Operator : RC/JU
Sample : Q2200-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Quant Time: Jun 05 17:32:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

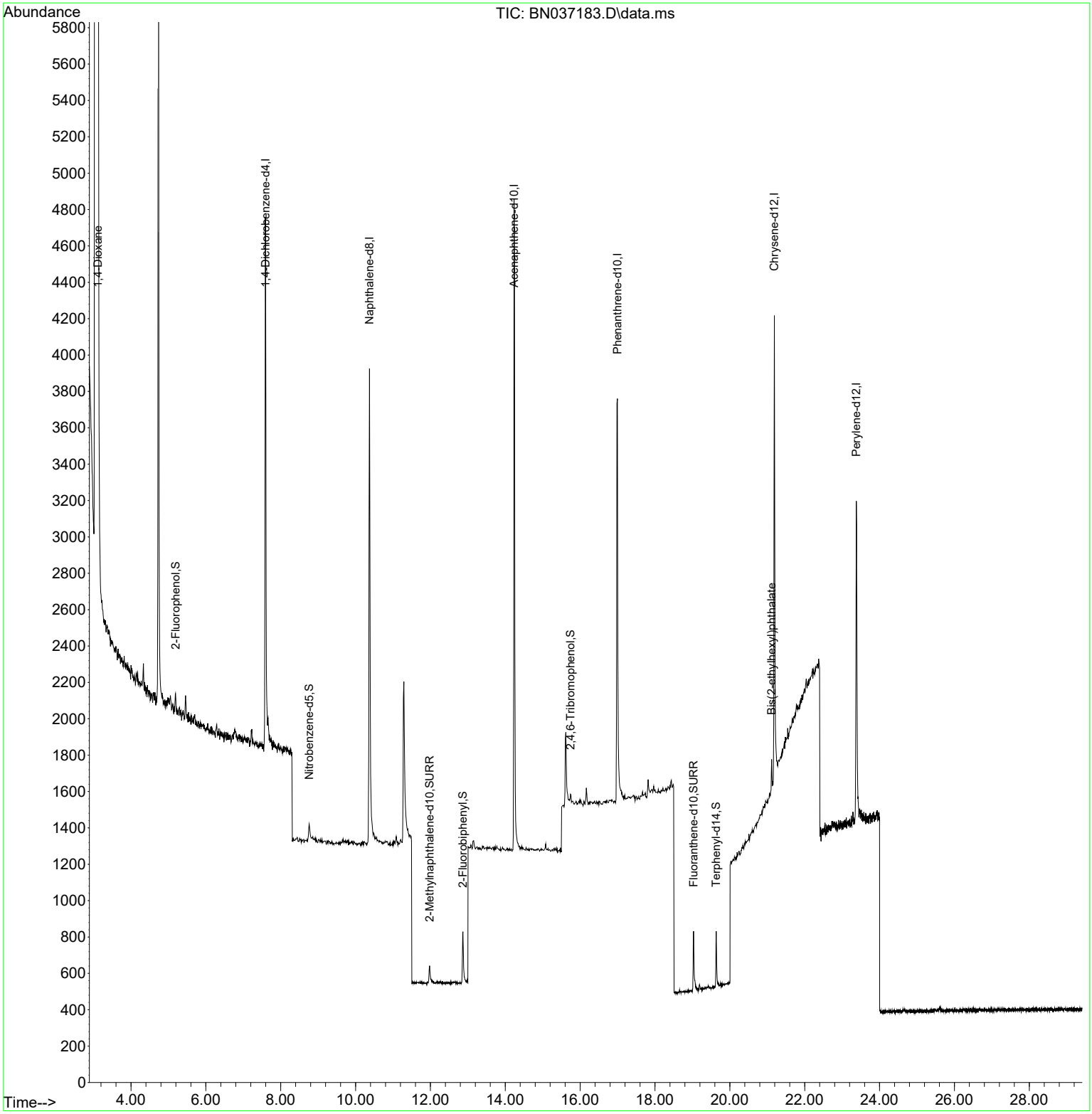
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1563	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4019	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2284	0.400	ng	0.00
19) Phenanthrene-d10	16.996	188	4264	0.400	ng	# 0.01
29) Chrysene-d12	21.189	240	2795	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2507	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	82	0.021	ng	0.00
5) Phenol-d6	6.781	99	60	0.013	ng	0.00
8) Nitrobenzene-d5	8.760	82	127	0.030	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	186	0.033	ng	0.01
14) 2,4,6-Tribromophenol	15.743	330	45	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.868	172	364	0.037	ng	0.00
27) Fluoranthene-d10	19.031	212	456	0.042	ng	0.00
31) Terphenyl-d14	19.635	244	341	0.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	5066	2.432	ng	97
34) Bis(2-ethylhexyl)phtha...	21.117	149	247	0.039	ng	# 75

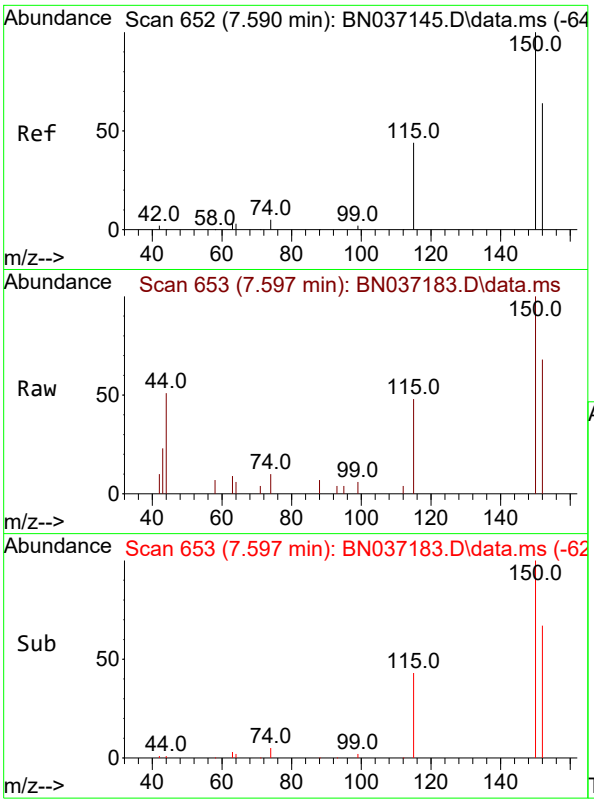
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037183.D
Acq On : 05 Jun 2025 16:57
Operator : RC/JU
Sample : Q2200-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Quant Time: Jun 05 17:32:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



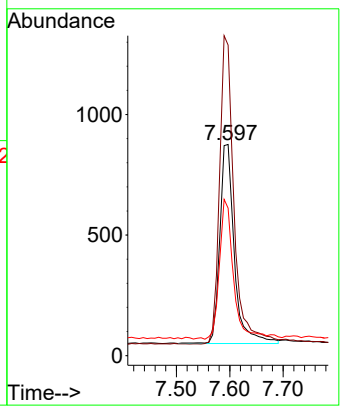


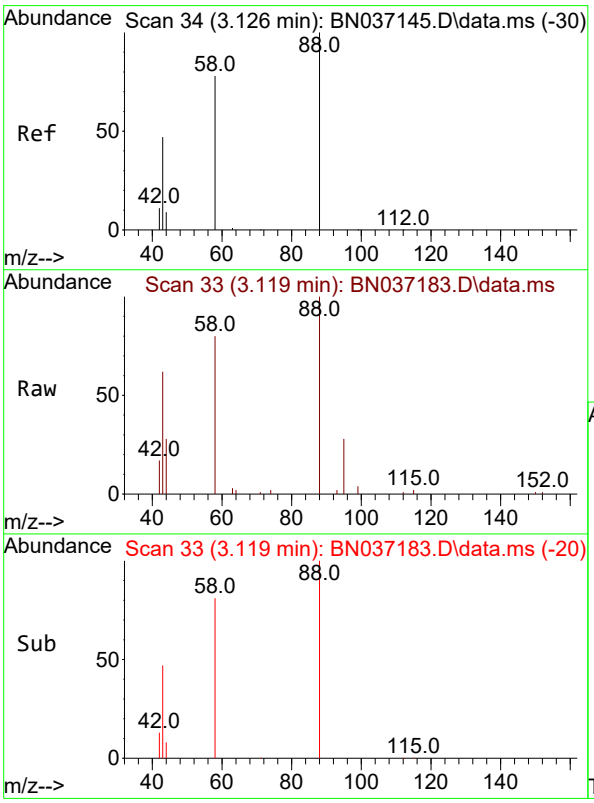
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.597 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:152 Resp: 1563

Ion	Ratio	Lower	Upper
152	100		
150	147.0	123.2	184.8
115	69.9	56.6	85.0

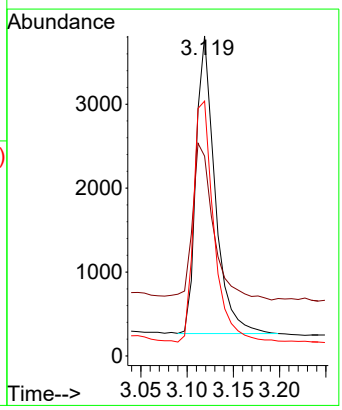


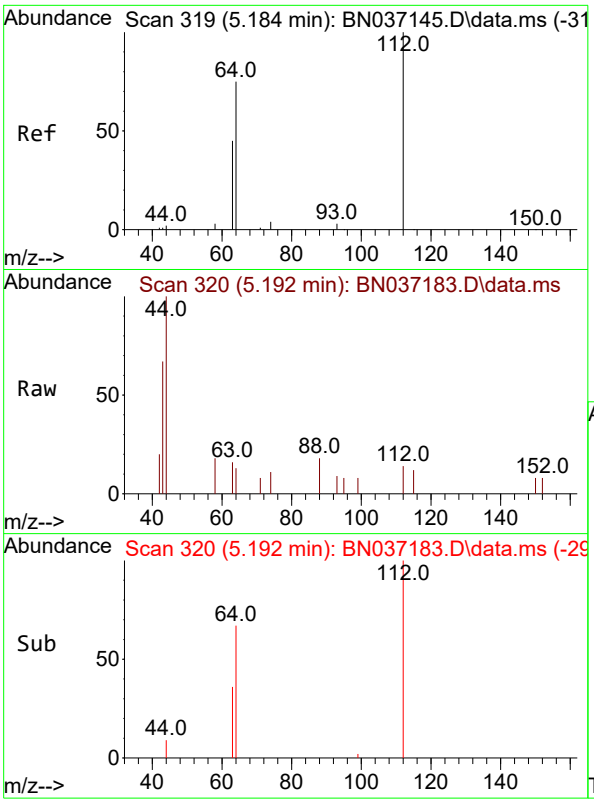


#2
1,4-Dioxane
Concen: 2.432 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion: 88 Resp: 5066

Ion	Ratio	Lower	Upper
88	100		
43	58.4	43.5	65.3
58	85.8	67.7	101.5



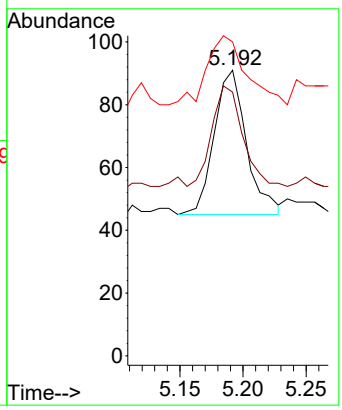


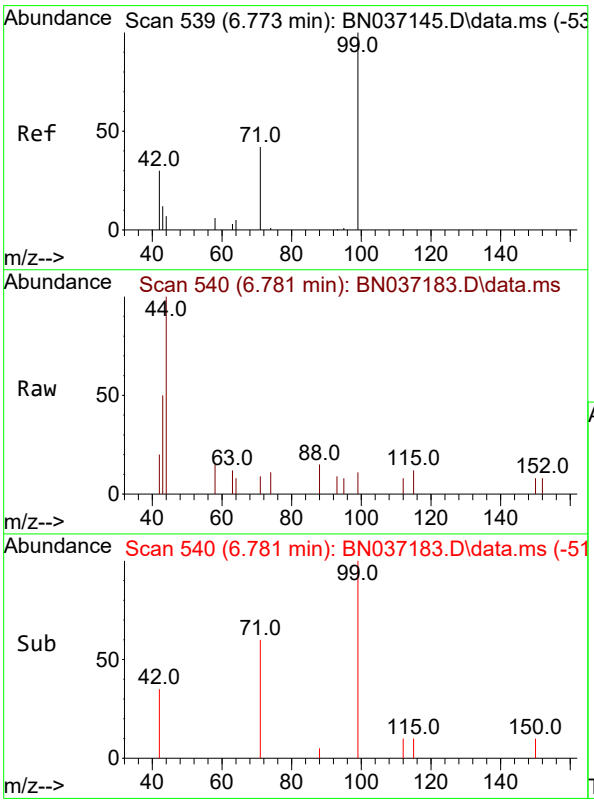
#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.192 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:112 Resp: 82

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	57.3	36.2	54.4#

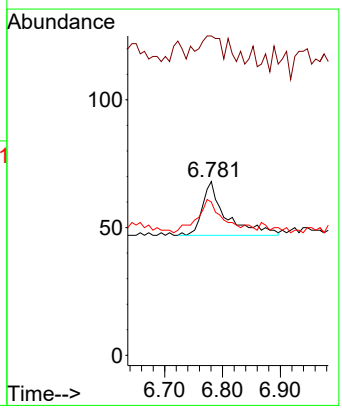


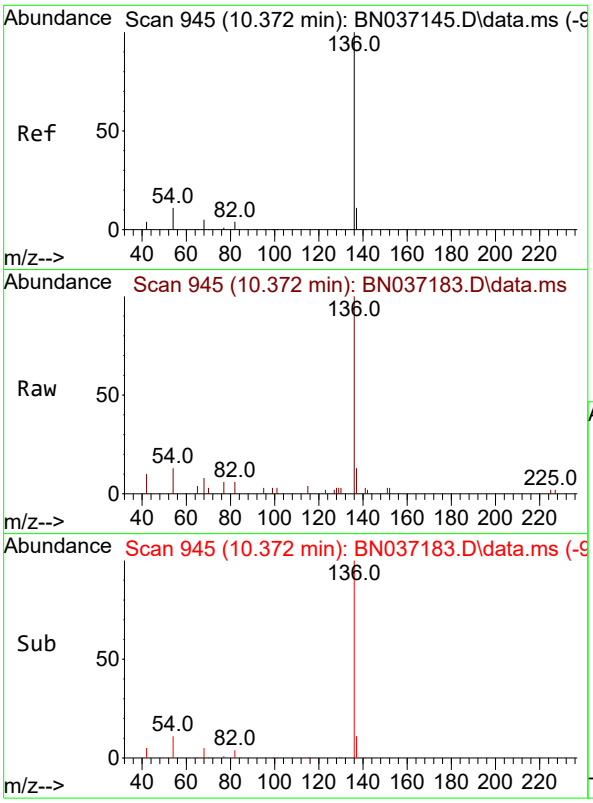


#5
Phenol-d6
Concen: 0.013 ng
RT: 6.781 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion: 99 Resp: 60

Ion	Ratio	Lower	Upper
99	100		
42	41.7	31.3	46.9
71	63.3	38.2	57.2#



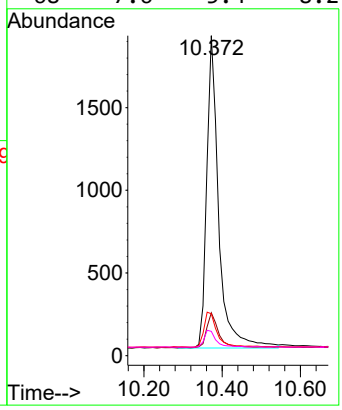


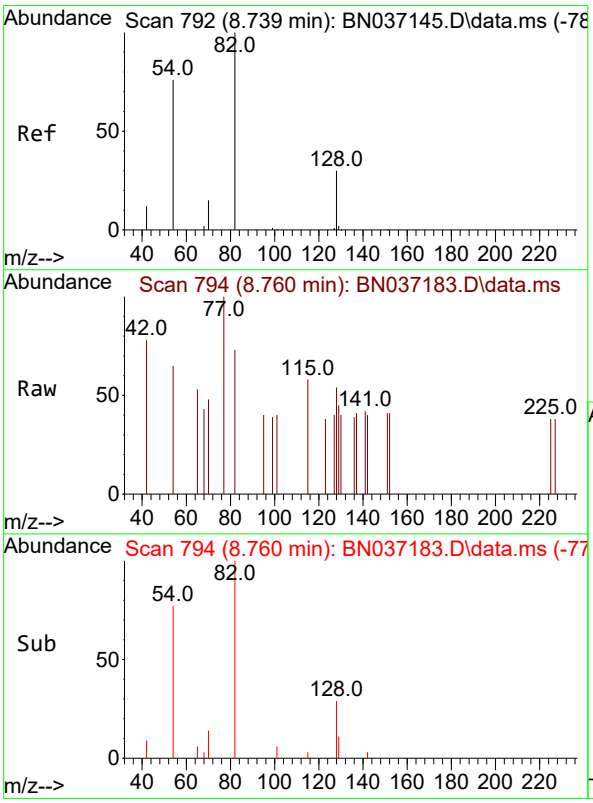
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:136 Resp: 4019

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.7	14.5
54	13.1	9.7	14.5
68	7.6	5.4	8.2

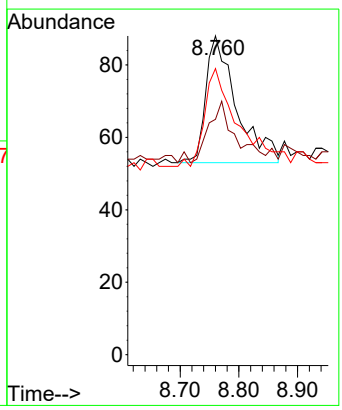


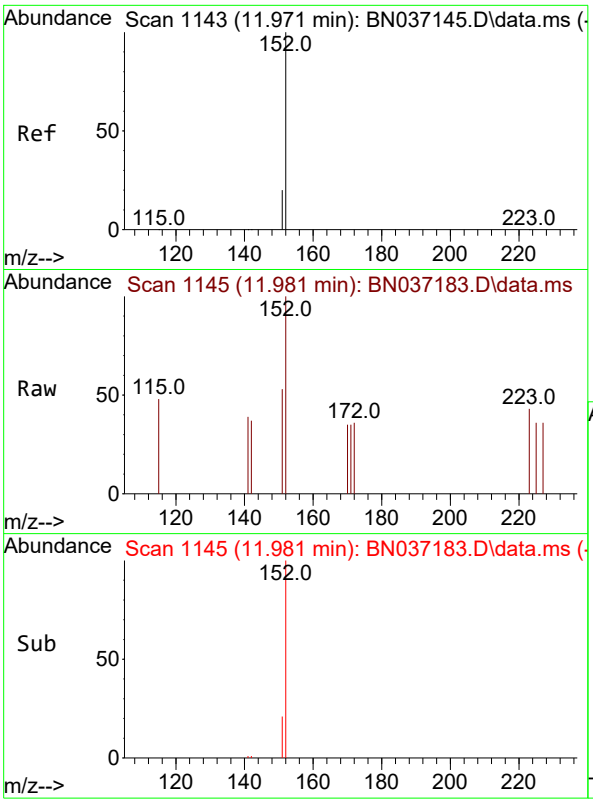


#8
Nitrobenzene-d5
Concen: 0.030 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.021 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion: 82 Resp: 127

Ion	Ratio	Lower	Upper
82	100		
128	73.9	26.9	40.3#
54	89.8	61.4	92.2



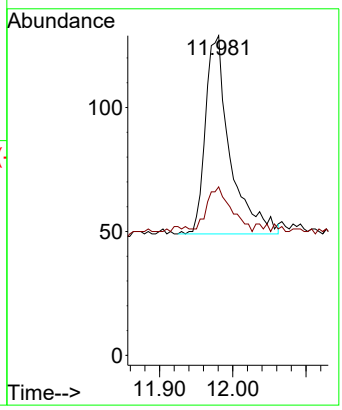


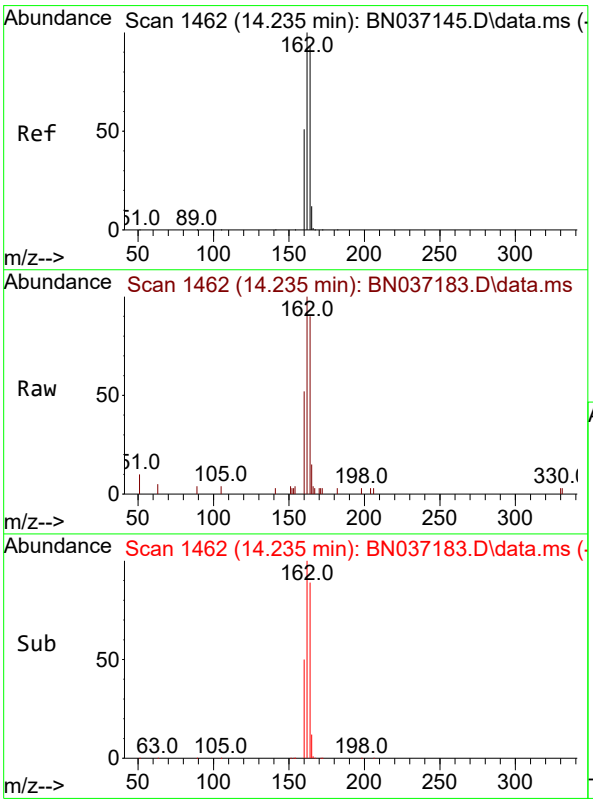
#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 11.981 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:152 Resp: 186

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.1	25.7

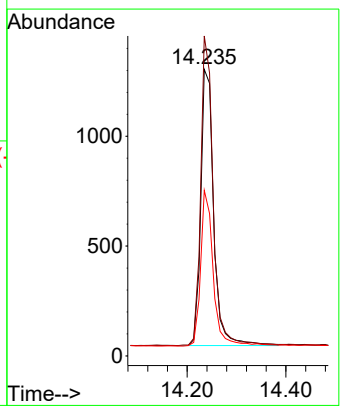


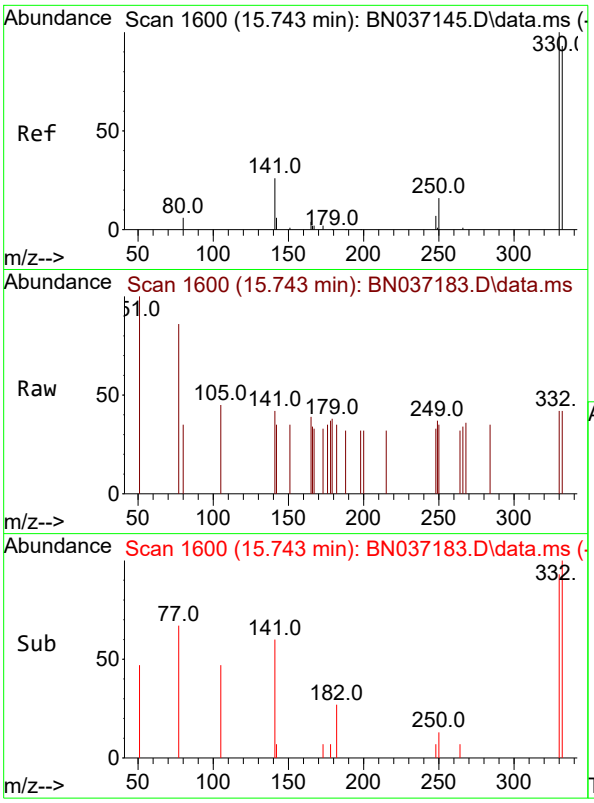


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:164 Resp: 2284

Ion	Ratio	Lower	Upper
164	100		
162	111.6	85.5	128.3
160	57.8	44.6	67.0



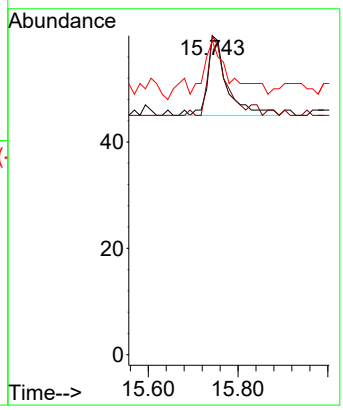


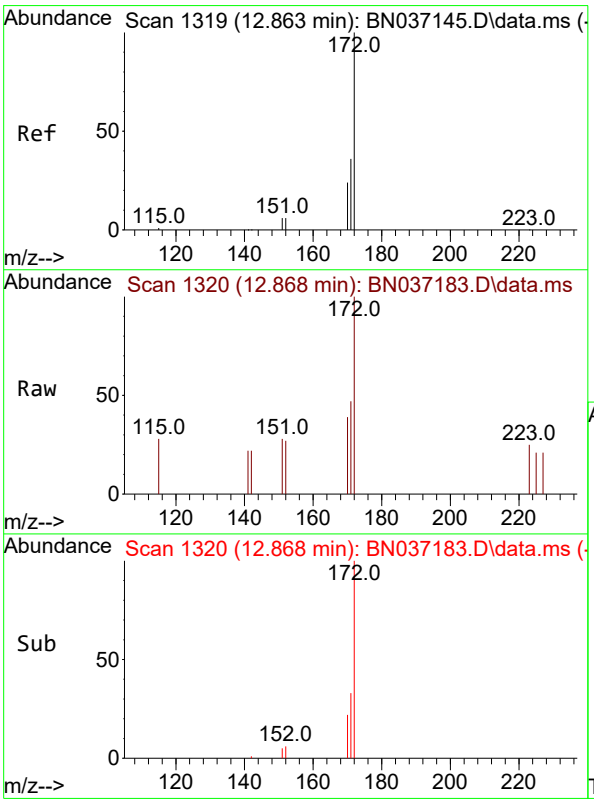
#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.743 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:330 Resp: 45

Ion	Ratio	Lower	Upper
330	100		
332	86.7	77.1	115.7
141	71.1	46.4	69.6#

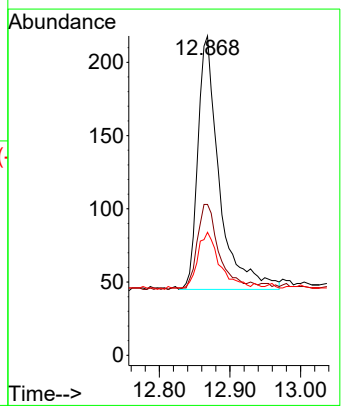


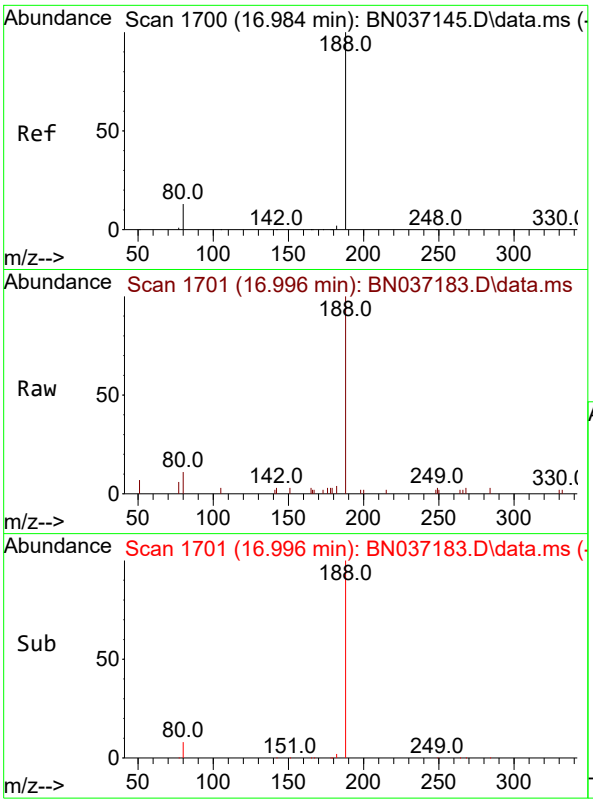


#15
2-Fluorobiphenyl
Concen: 0.037 ng
RT: 12.868 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:172 Resp: 364

Ion	Ratio	Lower	Upper
172	100		
171	47.2	29.6	44.4#
170	38.5	20.3	30.5#



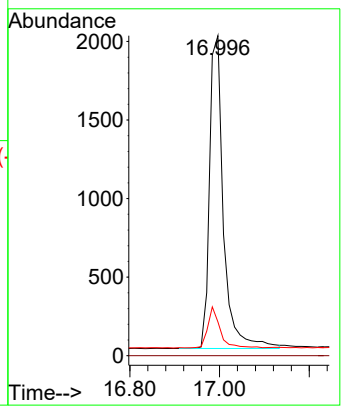


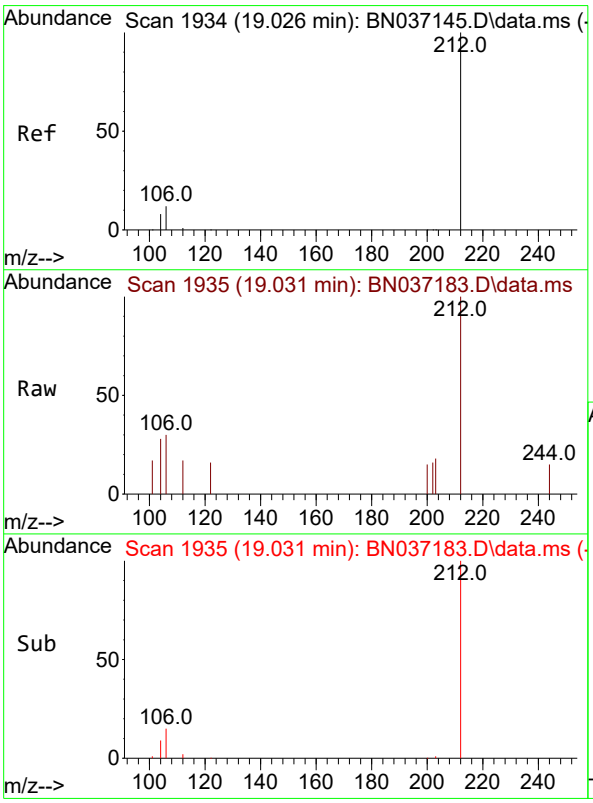
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:188 Resp: 4264

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.3	16.9#

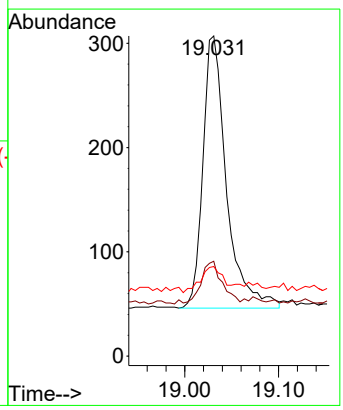


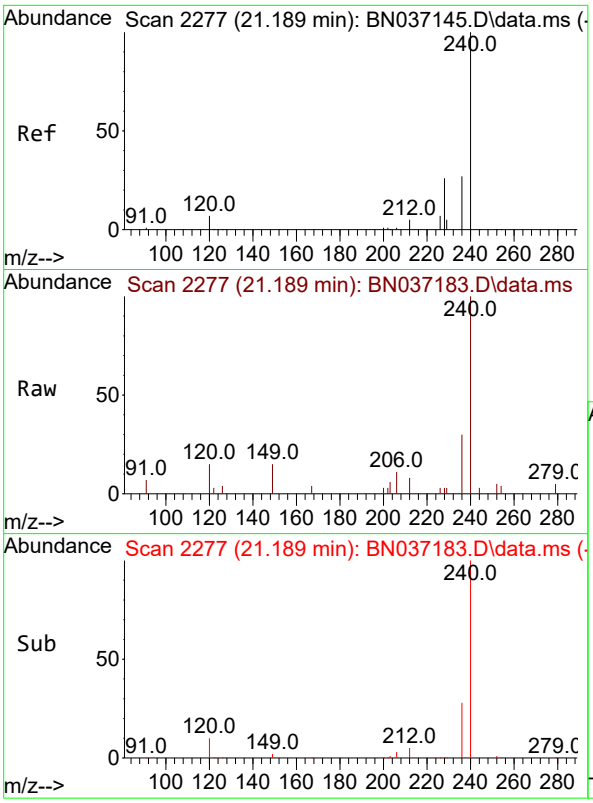


#27
Fluoranthene-d10
Concen: 0.042 ng
RT: 19.031 min Scan# 1935
Delta R.T. 0.005 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:212 Resp: 456

Ion	Ratio	Lower	Upper
212	100		
106	14.3	10.6	15.8
104	9.0	6.6	9.8



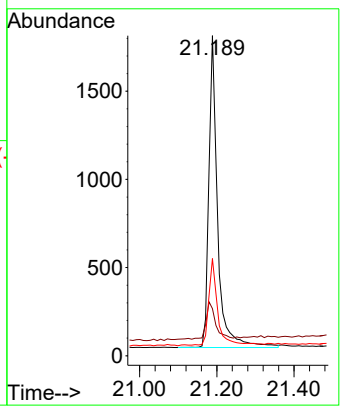


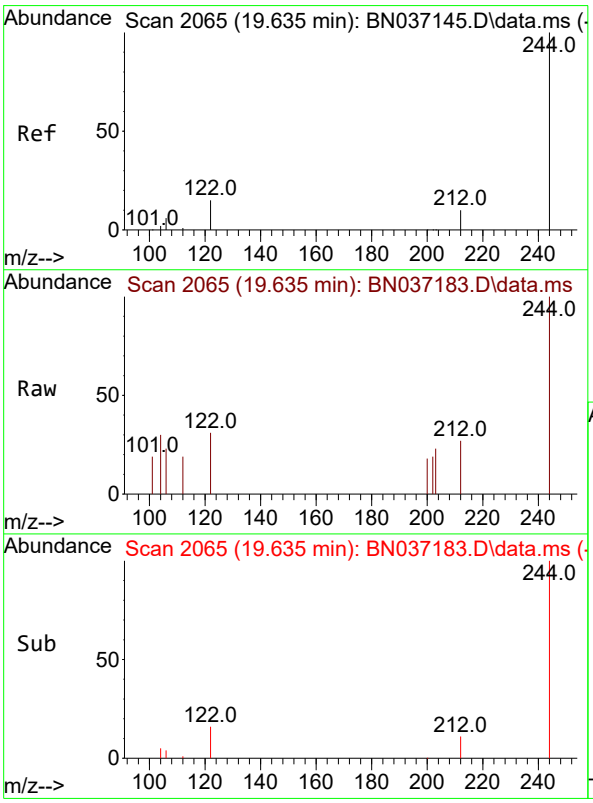
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:240 Resp: 2795

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.0	13.4#
236	30.4	23.0	34.4

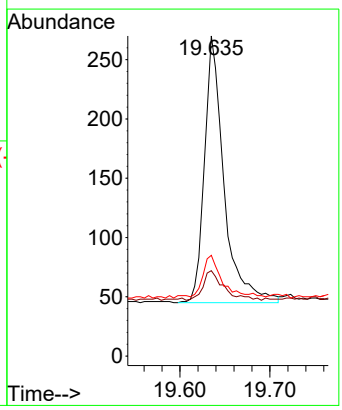


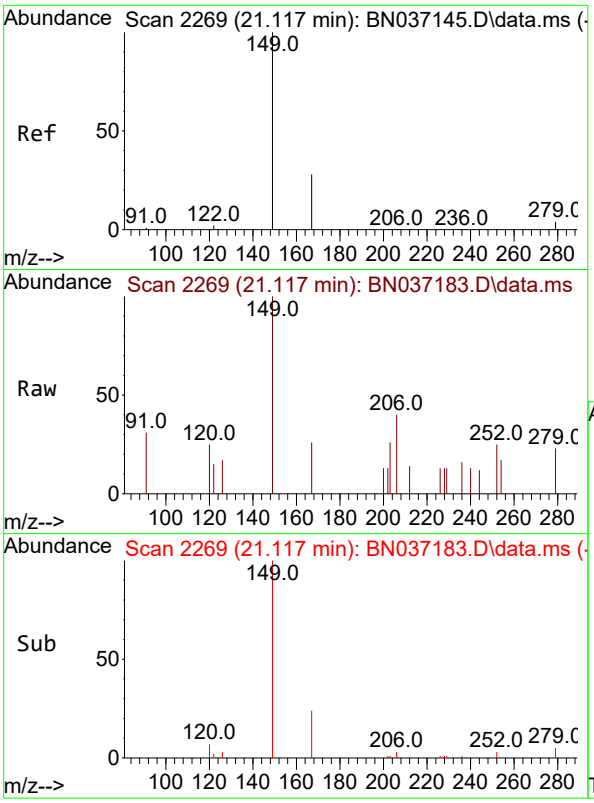


#31
Terphenyl-d14
Concen: 0.052 ng
RT: 19.635 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:244 Resp: 341

Ion	Ratio	Lower	Upper
244	100		
212	26.7	10.0	15.0#
122	31.5	13.2	19.8#



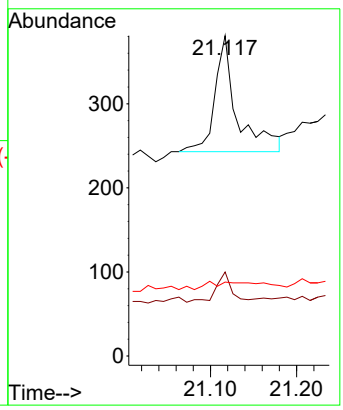


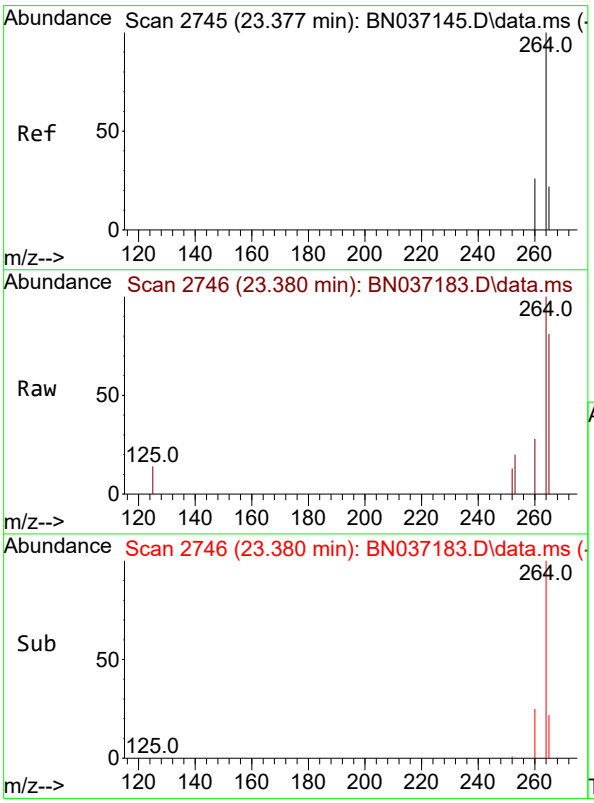
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.117 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-060325DL

Tgt Ion:149 Resp: 247

Ion	Ratio	Lower	Upper
149	100		
167	12.6	21.0	31.4#
279	7.7	2.9	4.3#

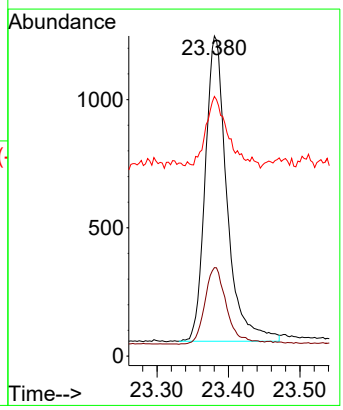




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2746
Delta R.T. 0.003 min
Lab File: BN037183.D
Acq: 05 Jun 2025 16:57

Tgt Ion:264 Resp: 2507

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.1	33.1
265	81.1	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037178.D
Acq On : 05 Jun 2025 13:20
Operator : RC/JU
Sample : Q2200-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Quant Time: Jun 05 14:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

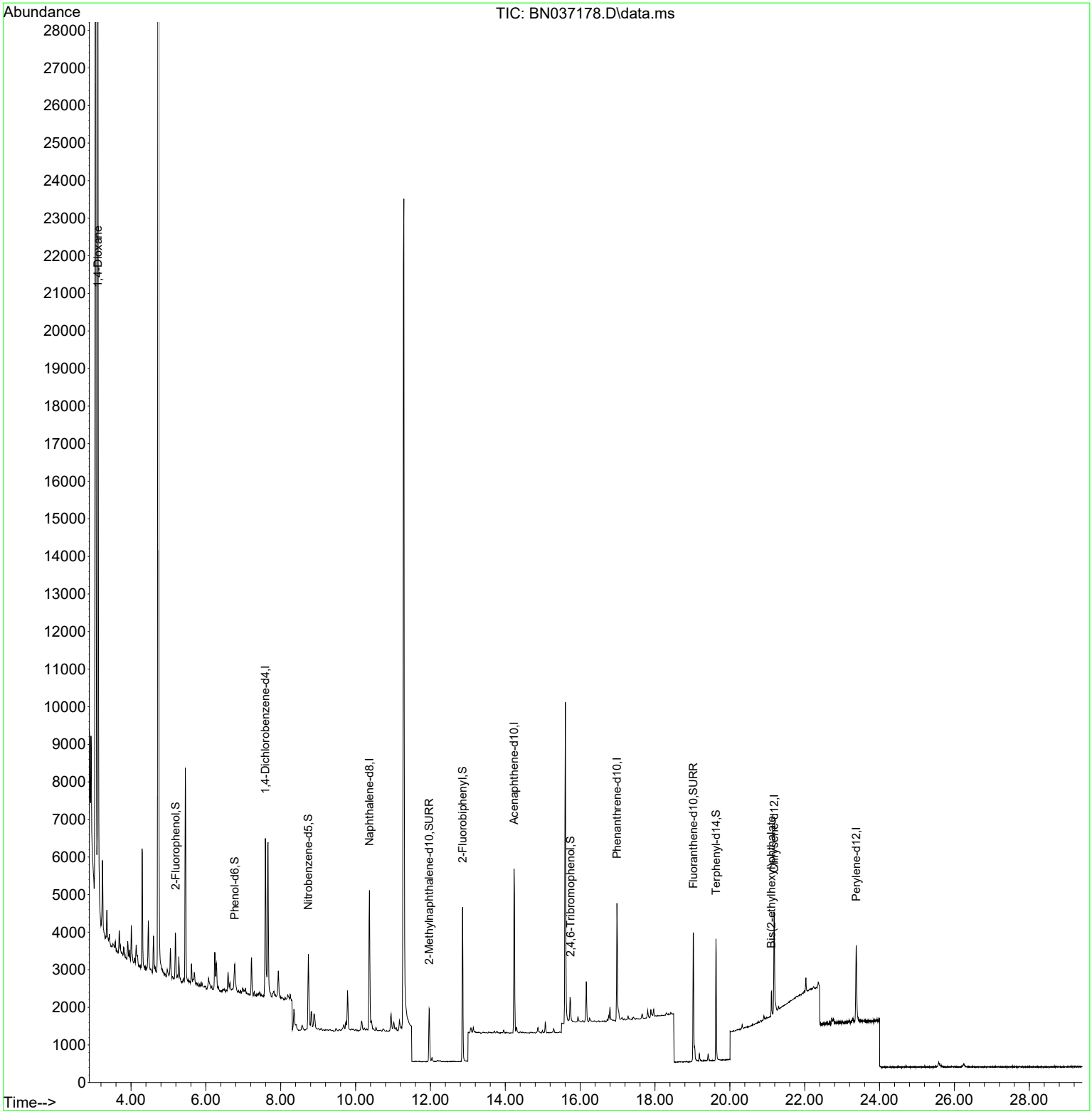
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1903	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4873	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2514	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4282	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2888	0.400	ng	0.00
35) Perylene-d12	23.377	264	2734	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	806	0.171	ng	0.00
5) Phenol-d6	6.773	99	603	0.106	ng	0.00
8) Nitrobenzene-d5	8.739	82	1605	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	1998	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	377	0.372	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3476	0.324	ng	0.00
27) Fluoranthene-d10	19.026	212	3980	0.366	ng	0.00
31) Terphenyl-d14	19.630	244	3083	0.454	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	15673	6.179	ng	96
34) Bis(2-ethylhexyl)phtha...	21.108	149	683	0.104	ng #	98

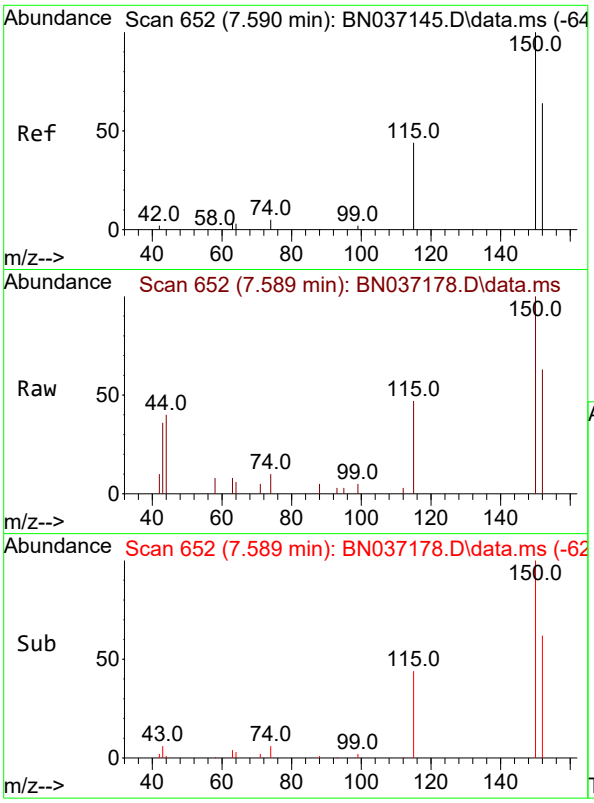
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037178.D
Acq On : 05 Jun 2025 13:20
Operator : RC/JU
Sample : Q2200-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Quant Time: Jun 05 14:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



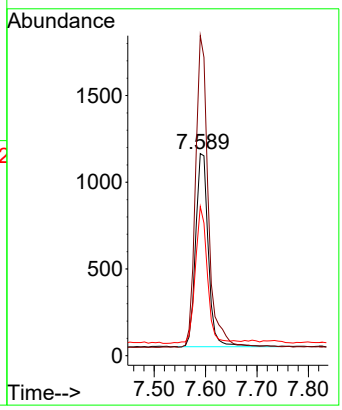


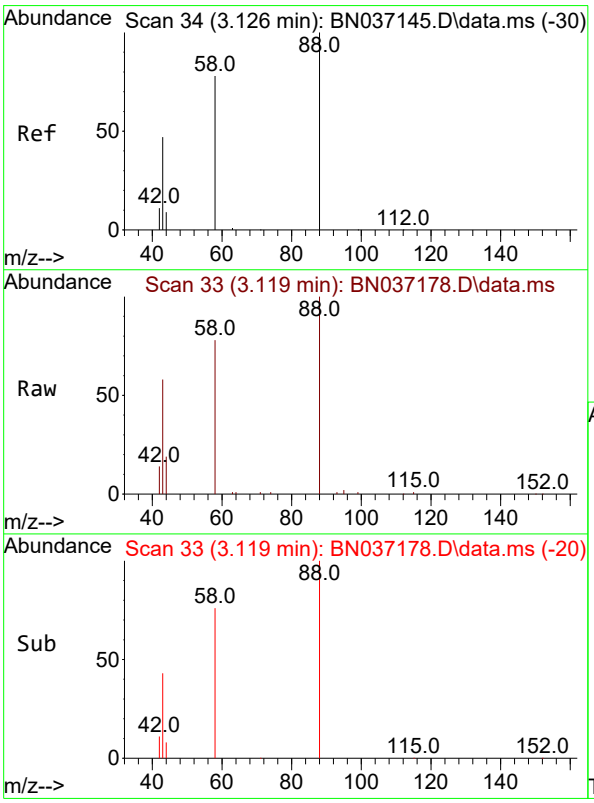
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:152 Resp: 1903

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.2	184.8
115	73.8	56.6	85.0

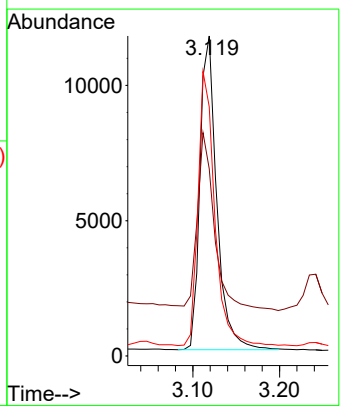


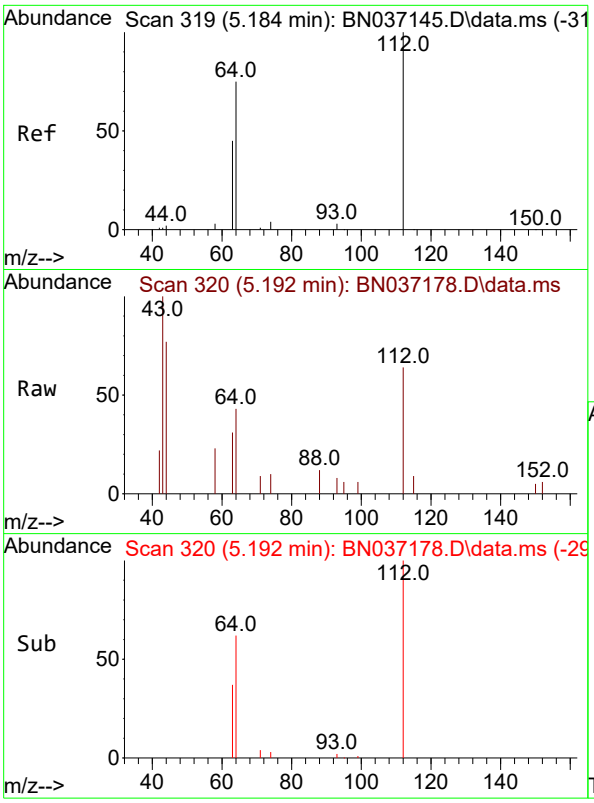


#2
1,4-Dioxane
Concen: 6.179 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion: 88 Resp: 15673

Ion	Ratio	Lower	Upper
88	100		
43	58.2	43.5	65.3
58	86.8	67.7	101.5



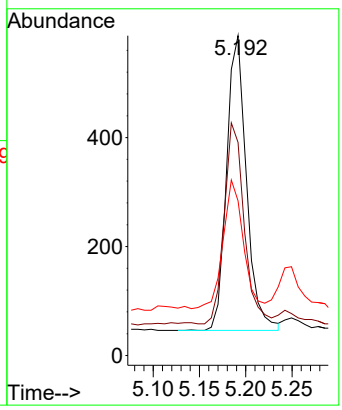


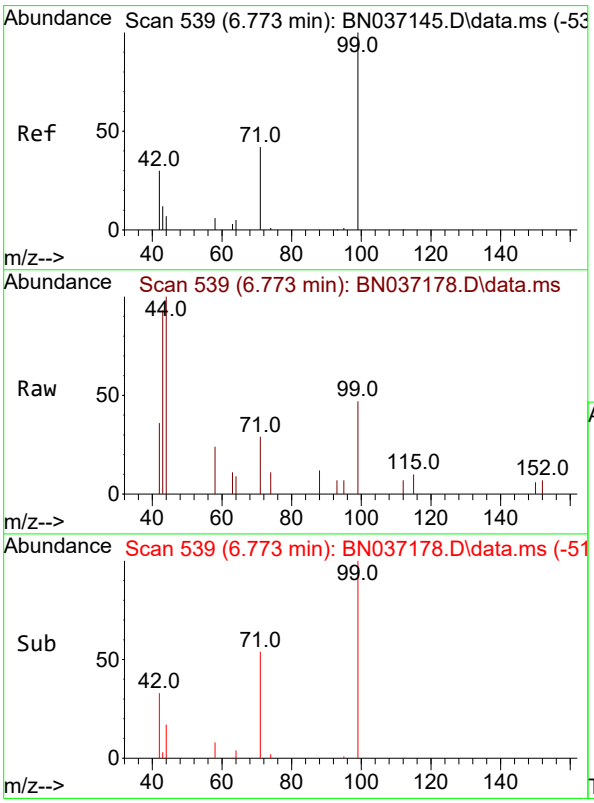
#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.192 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:112 Resp: 806

Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.3	84.5
63	45.2	36.2	54.4

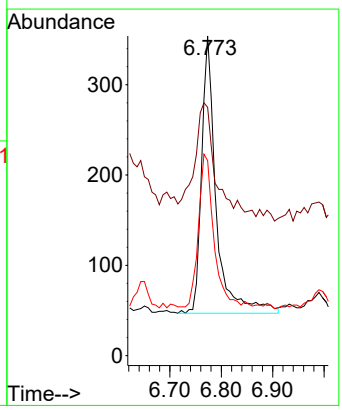


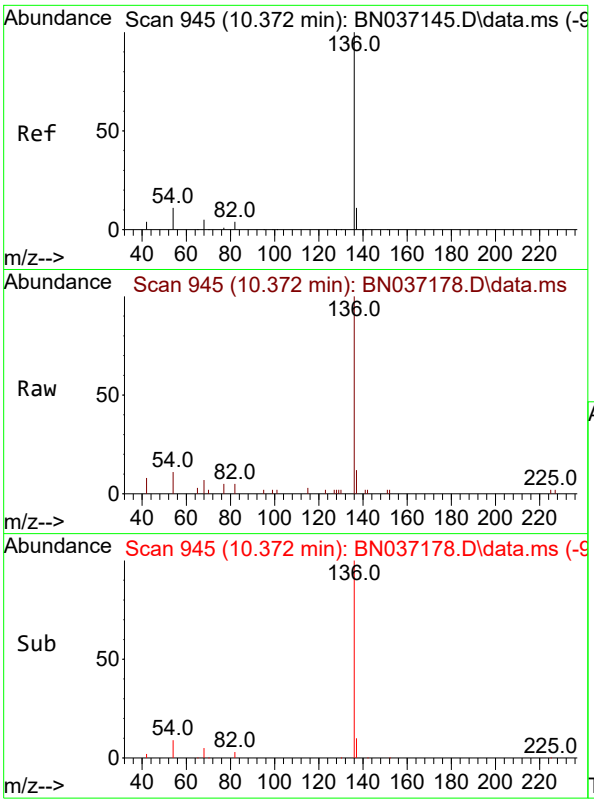


#5
Phenol-d6
Concen: 0.106 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion: 99 Resp: 603

Ion	Ratio	Lower	Upper
99	100		
42	59.4	31.3	46.9#
71	58.2	38.2	57.2#



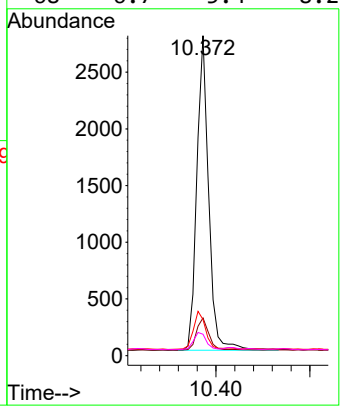


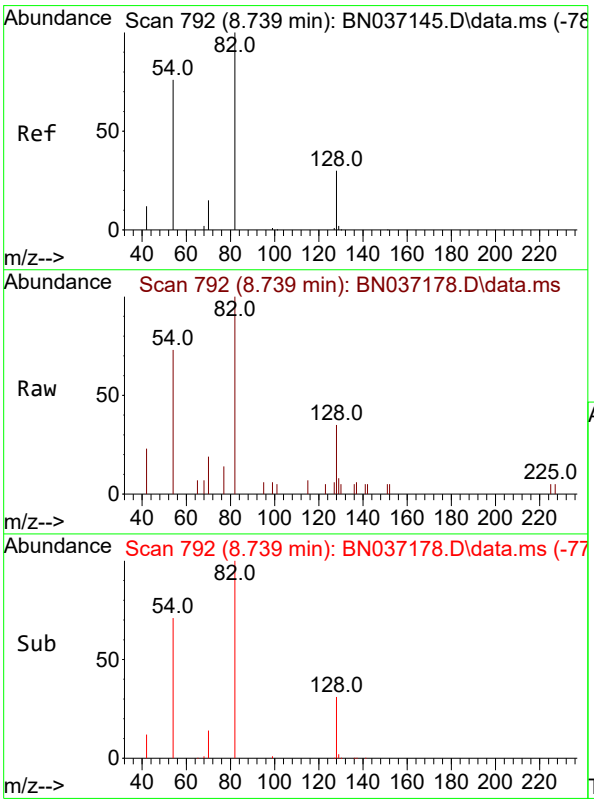
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:136 Resp: 4873

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	11.3	9.7	14.5
68	6.7	5.4	8.2

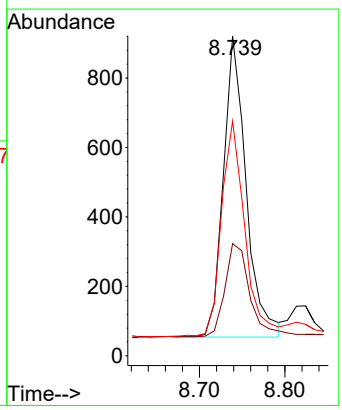


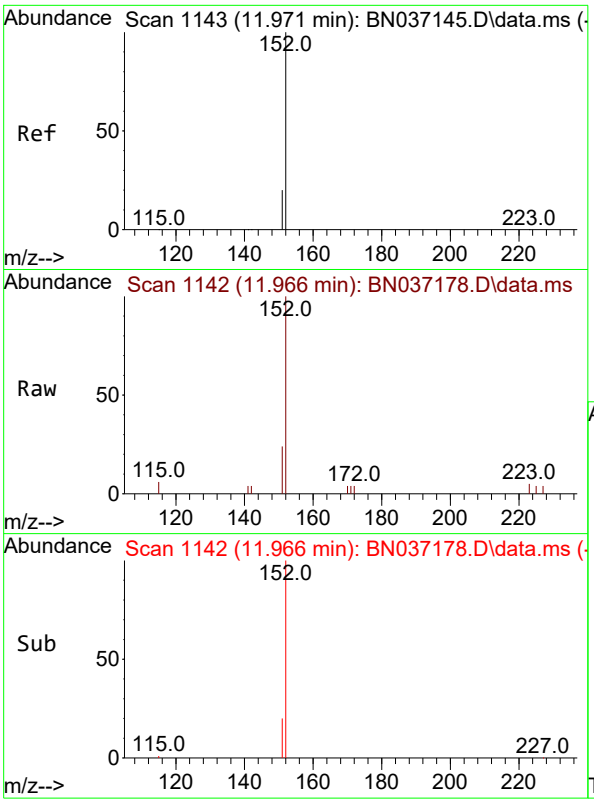


#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion: 82 Resp: 1605

Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.9	40.3
54	73.4	61.4	92.2



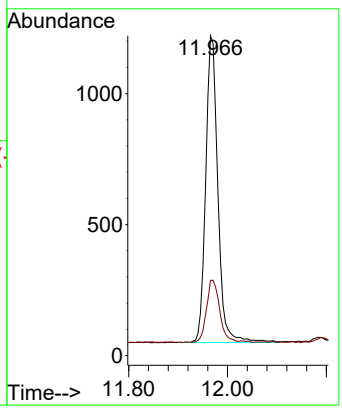


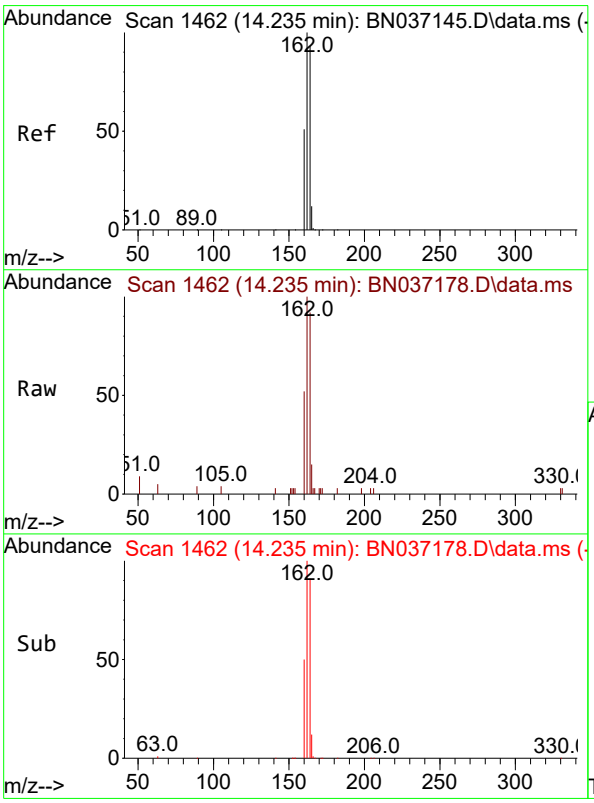
#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 11.966 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:152 Resp: 1998

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7

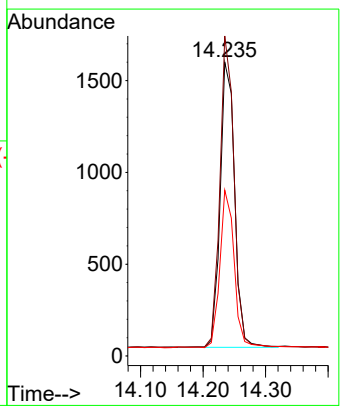


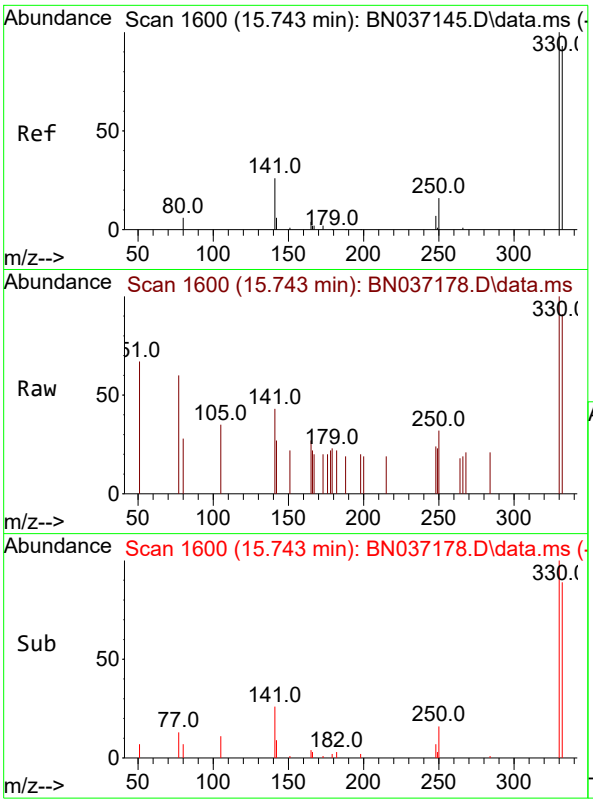


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:164 Resp: 2514

Ion	Ratio	Lower	Upper
164	100		
162	108.9	85.5	128.3
160	56.4	44.6	67.0



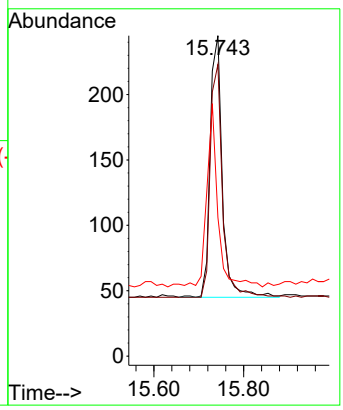


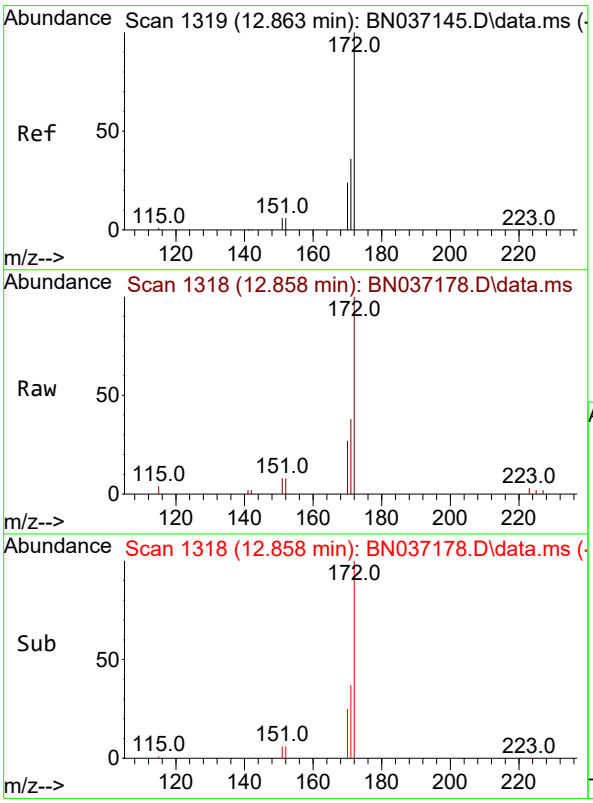
#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.743 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:330 Resp: 377

Ion	Ratio	Lower	Upper
330	100		
332	89.4	77.1	115.7
141	62.6	46.4	69.6

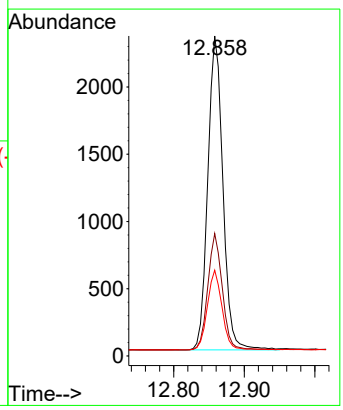


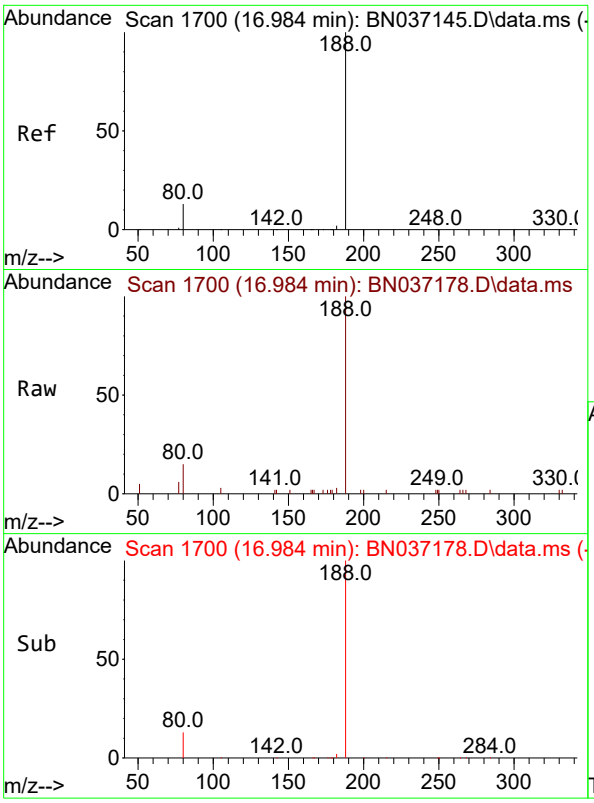


#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:172 Resp: 3476

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.6	44.4
170	26.8	20.3	30.5



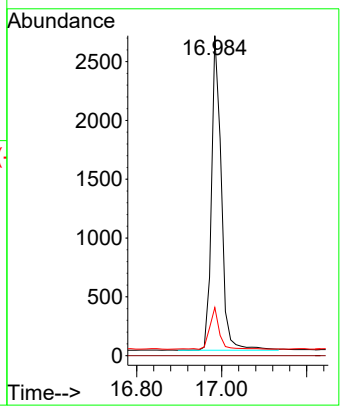


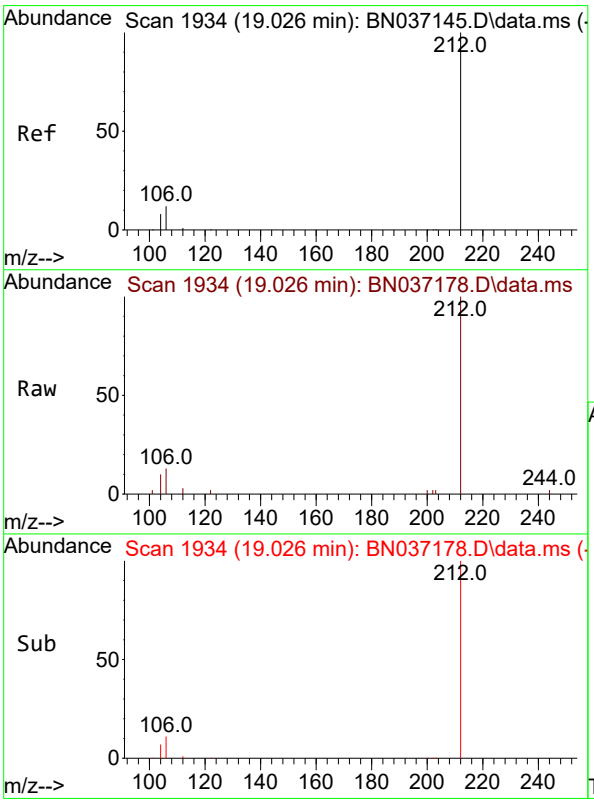
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:188 Resp: 4282

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	11.3	16.9

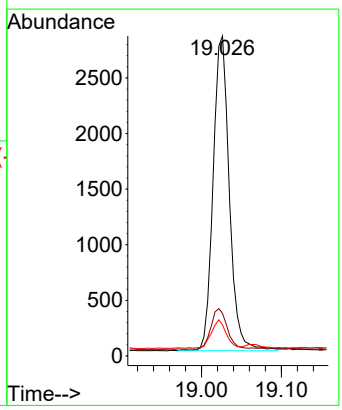


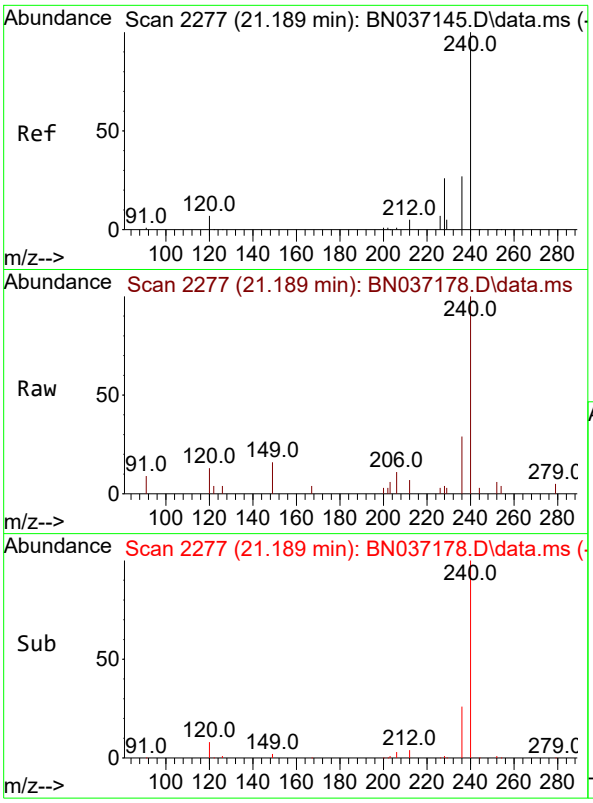


#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:212 Resp: 3980

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	15.8
104	8.2	6.6	9.8



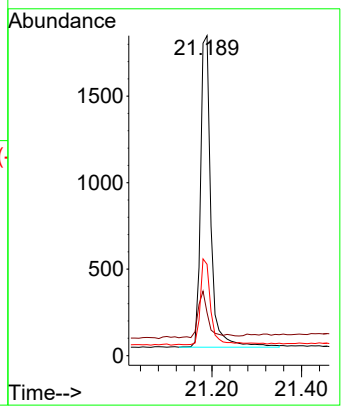


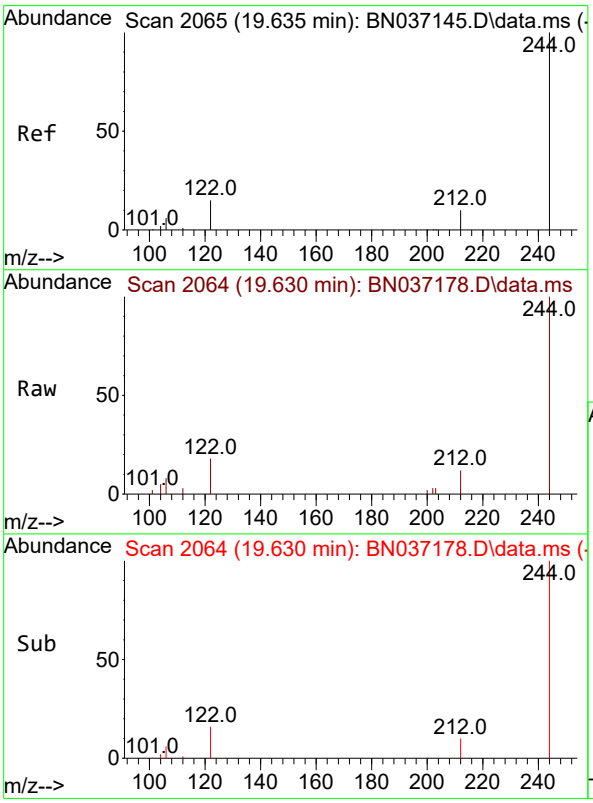
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:240 Resp: 2888

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.0	13.4
236	28.5	23.0	34.4

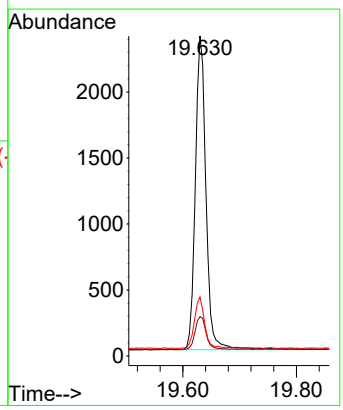


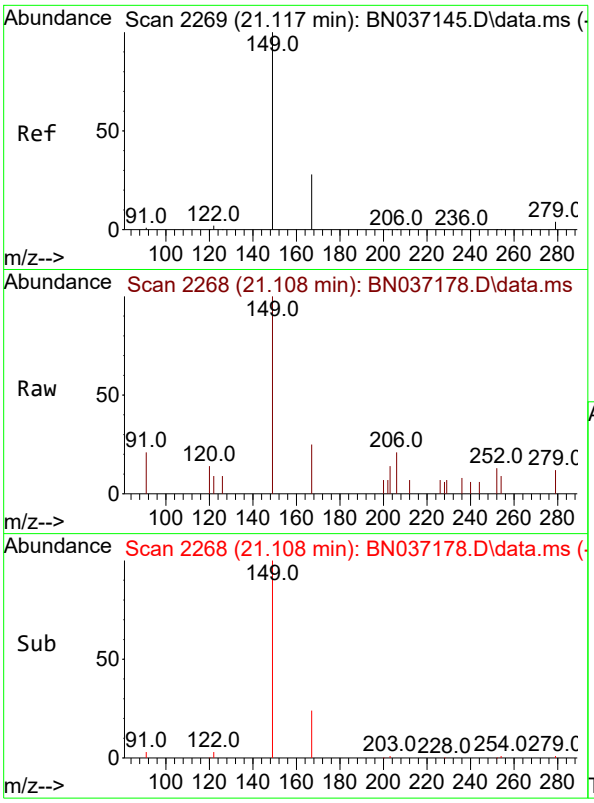


#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:244 Resp: 3083

Ion	Ratio	Lower	Upper
244	100		
212	12.3	10.0	15.0
122	18.4	13.2	19.8



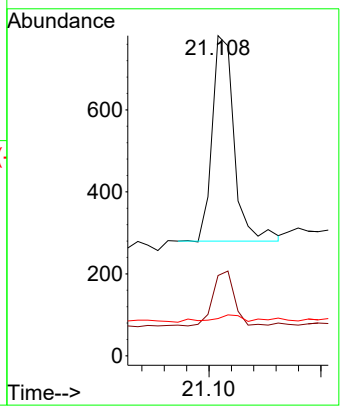


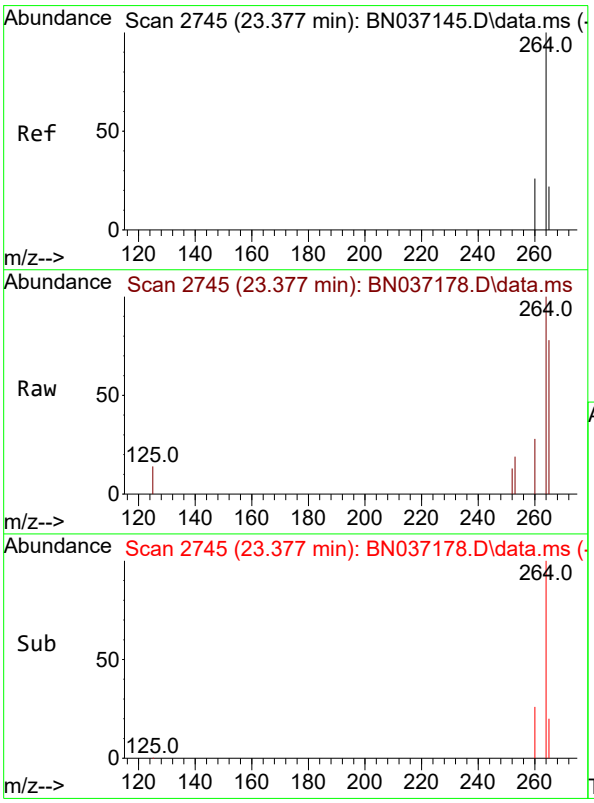
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325

Tgt Ion:149 Resp: 683

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	6.0	2.9	4.3#

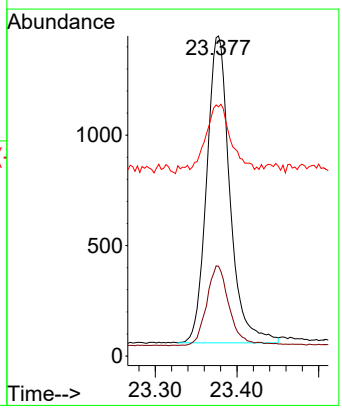




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037178.D
Acq: 05 Jun 2025 13:20

Tgt Ion:264 Resp: 2734

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.1	33.1
265	77.8	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037184.D
Acq On : 05 Jun 2025 17:33
Operator : RC/JU
Sample : Q2200-02DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Quant Time: Jun 05 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

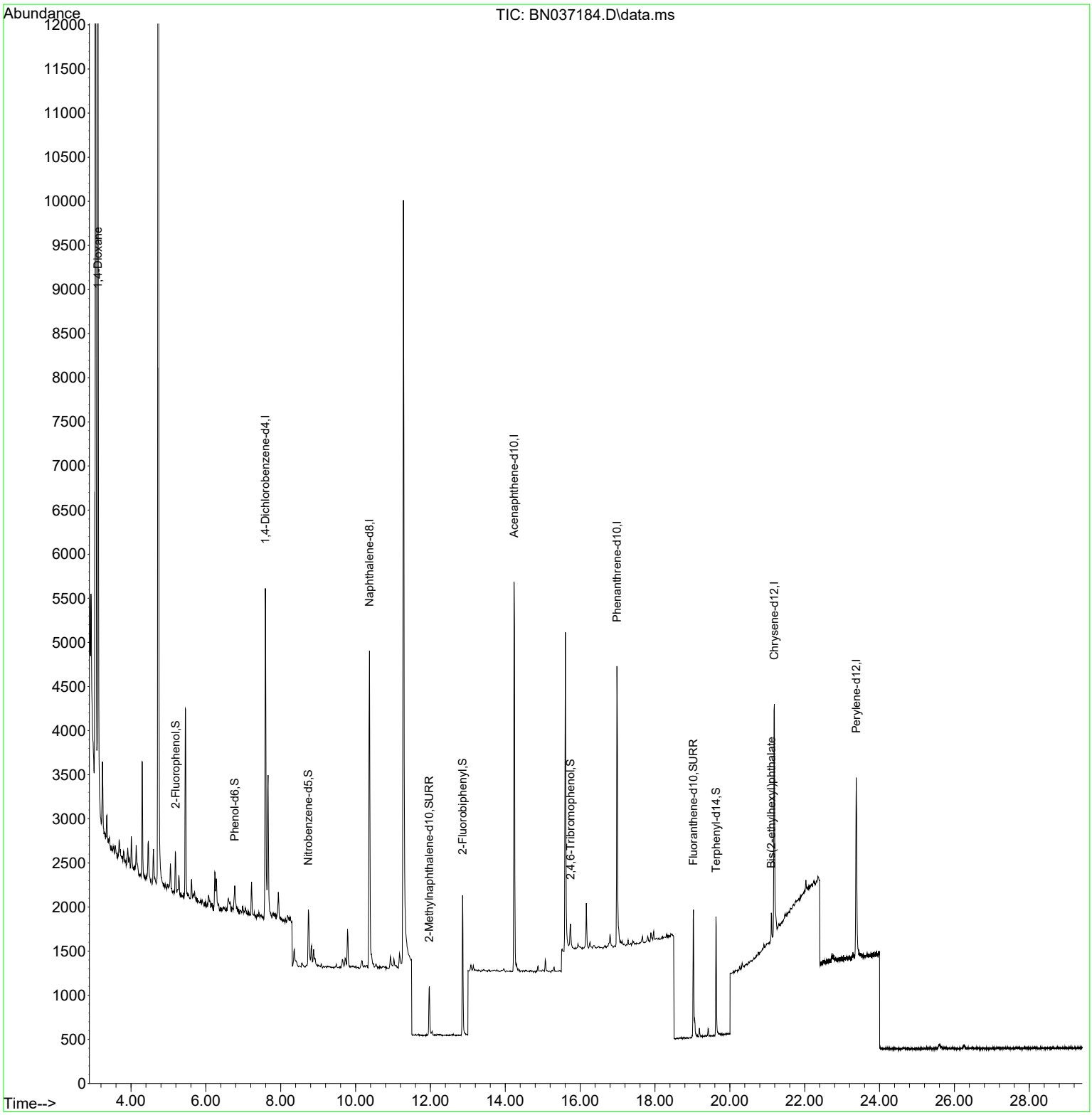
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1825	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4774	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2649	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4719	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2954	0.400	ng	0.00
35) Perylene-d12	23.377	264	2771	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	325	0.072	ng	0.00
5) Phenol-d6	6.773	99	225	0.041	ng	0.00
8) Nitrobenzene-d5	8.739	82	600	0.119	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	804	0.121	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	171	0.160	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	1483	0.131	ng	0.00
27) Fluoranthene-d10	19.026	212	1738	0.145	ng	0.00
31) Terphenyl-d14	19.630	244	1348	0.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	6264	2.575	ng	96
34) Bis(2-ethylhexyl)phtha...	21.108	149	386	0.057	ng #	90

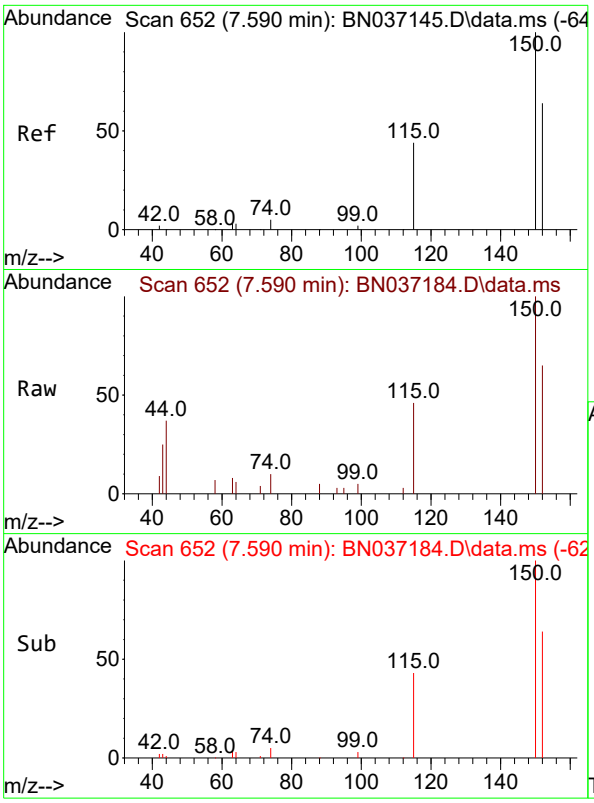
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037184.D
Acq On : 05 Jun 2025 17:33
Operator : RC/JU
Sample : Q2200-02DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Quant Time: Jun 05 18:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



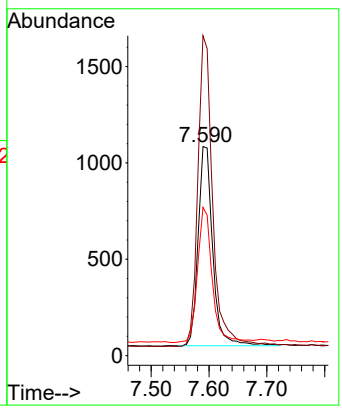


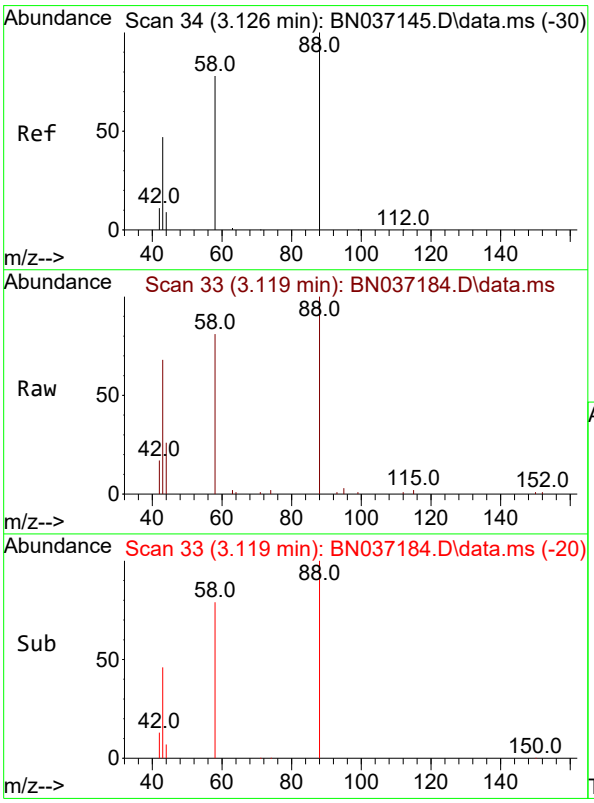
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.590 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:152 Resp: 1825

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.2	184.8
115	70.9	56.6	85.0

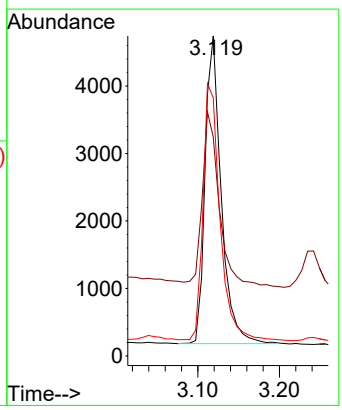


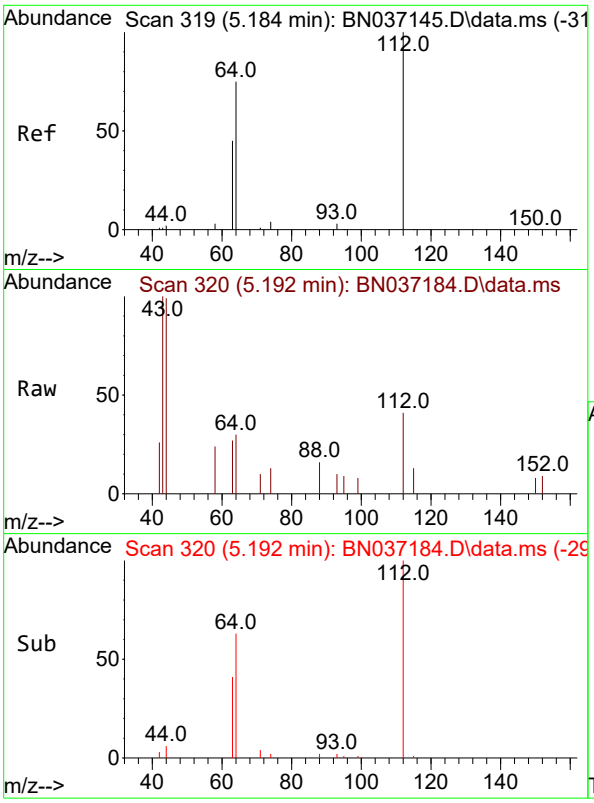


#2
1,4-Dioxane
Concen: 2.575 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion: 88 Resp: 6264

Ion	Ratio	Lower	Upper
88	100		
43	59.3	43.5	65.3
58	87.0	67.7	101.5



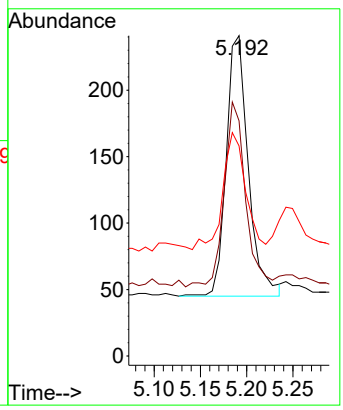


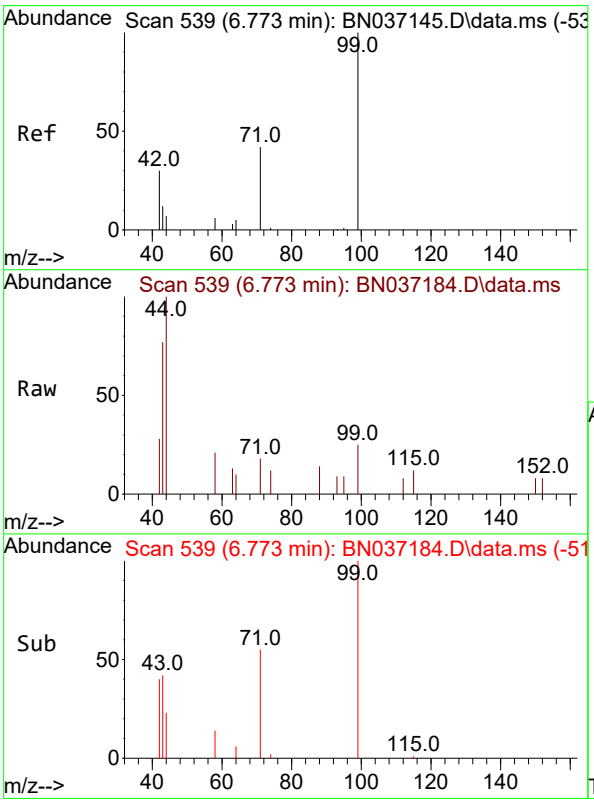
#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.192 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:112 Resp: 325

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.3	84.5
63	48.0	36.2	54.4

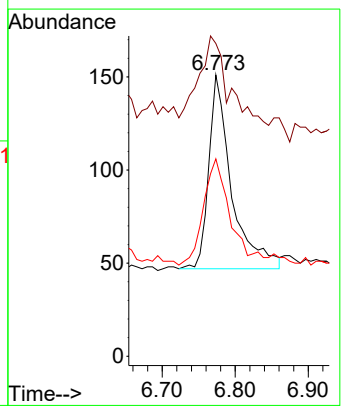


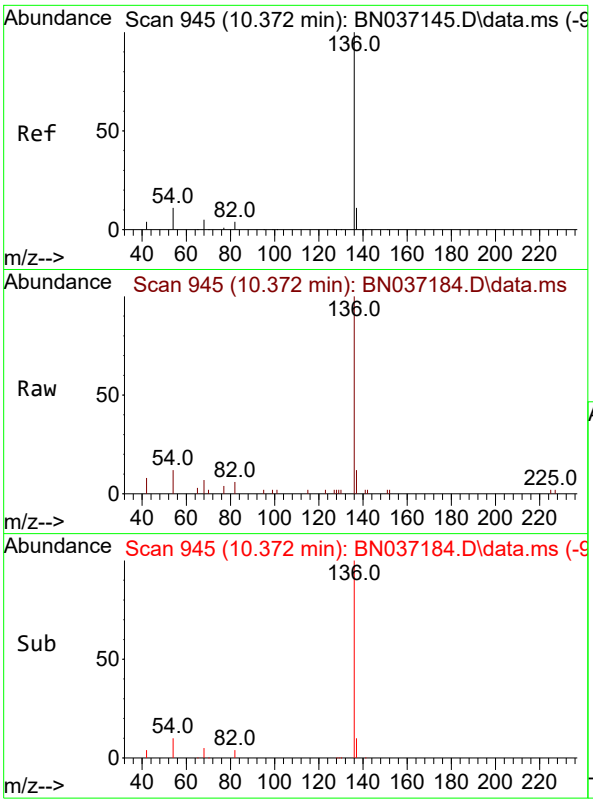


#5
Phenol-d6
Concen: 0.041 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion: 99 Resp: 225

Ion	Ratio	Lower	Upper
99	100		
42	63.1	31.3	46.9#
71	64.9	38.2	57.2#



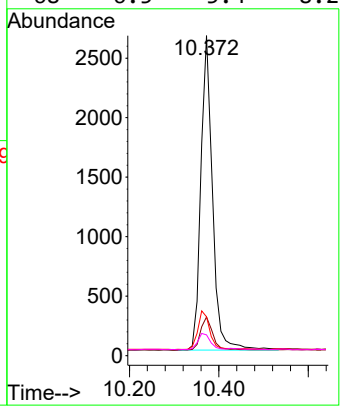


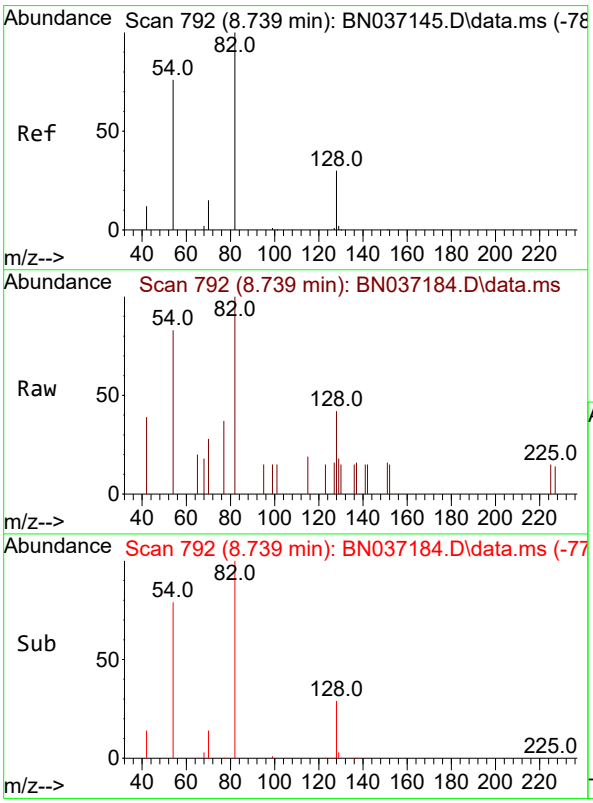
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:136 Resp: 4774

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	12.2	9.7	14.5
68	6.5	5.4	8.2

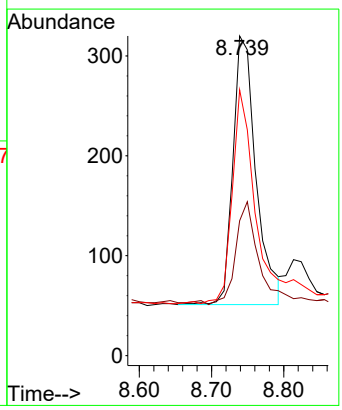


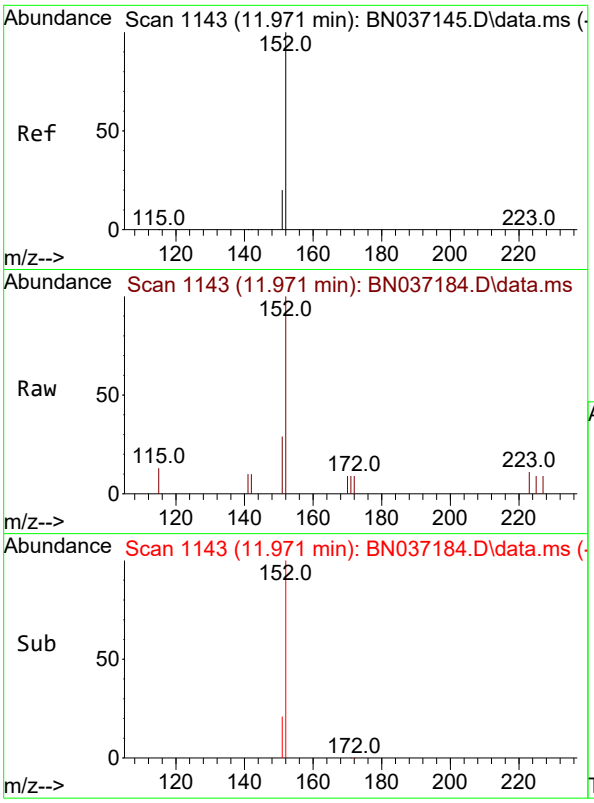


#8
Nitrobenzene-d5
Concen: 0.119 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion: 82 Resp: 600

Ion	Ratio	Lower	Upper
82	100		
128	42.2	26.9	40.3#
54	83.1	61.4	92.2



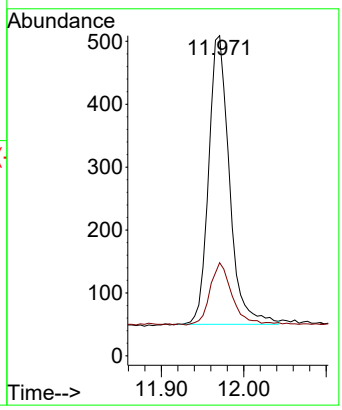


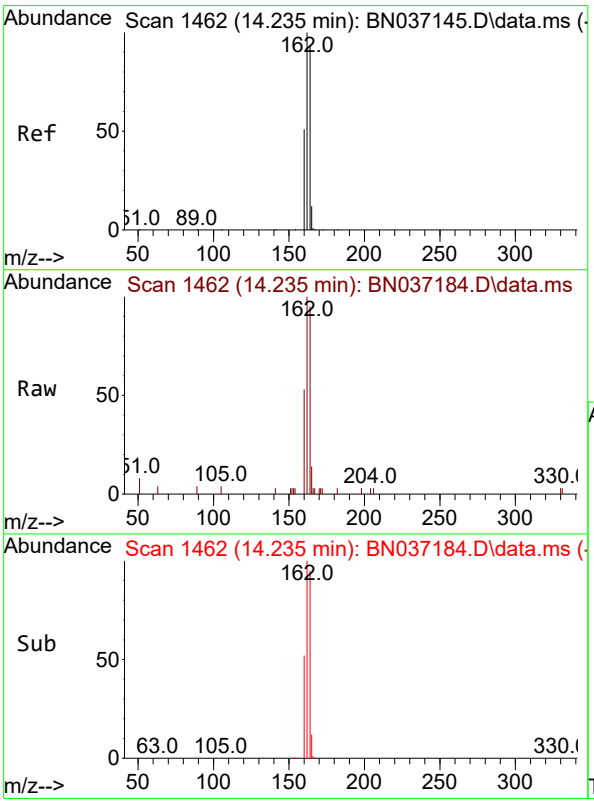
#11
2-Methylnaphthalene-d10
Concen: 0.121 ng
RT: 11.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:152 Resp: 804

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.1	25.7

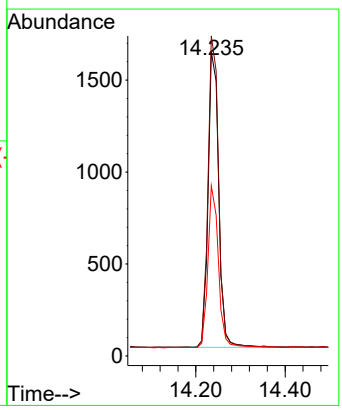


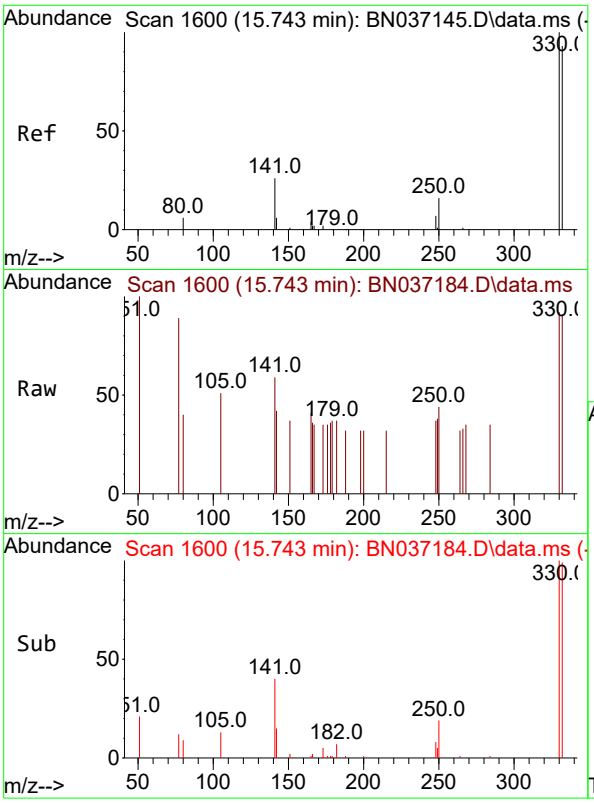


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:164 Resp: 2649

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.5	128.3
160	56.0	44.6	67.0



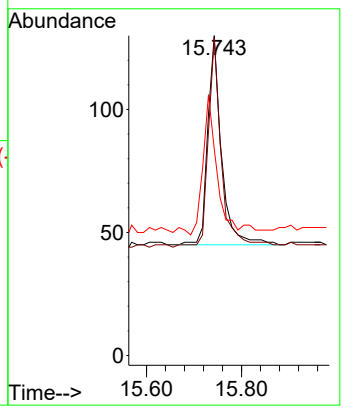


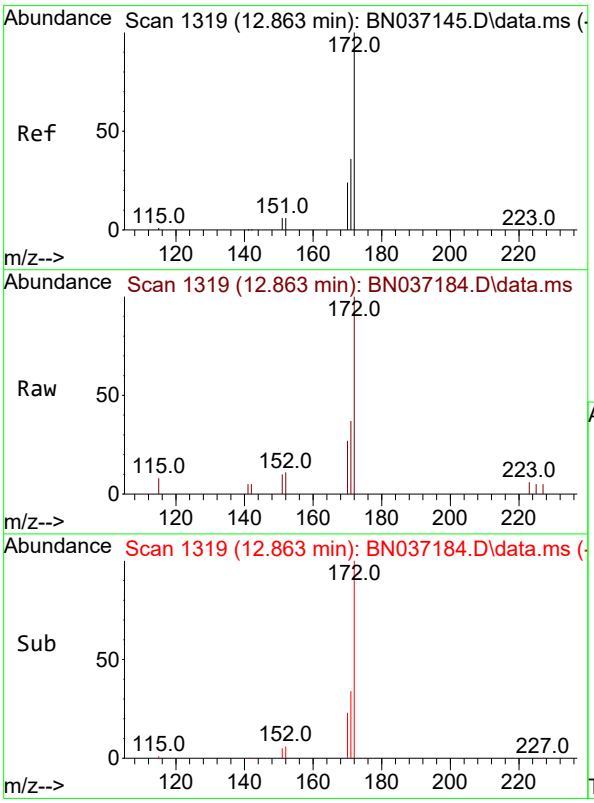
#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:330 Resp: 171

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	71.9	46.4	69.6#

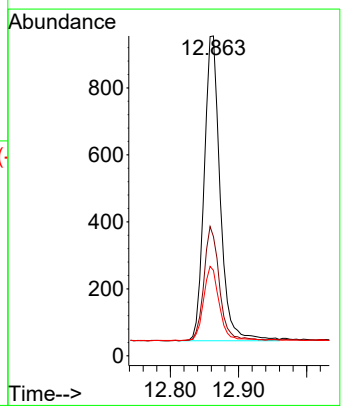


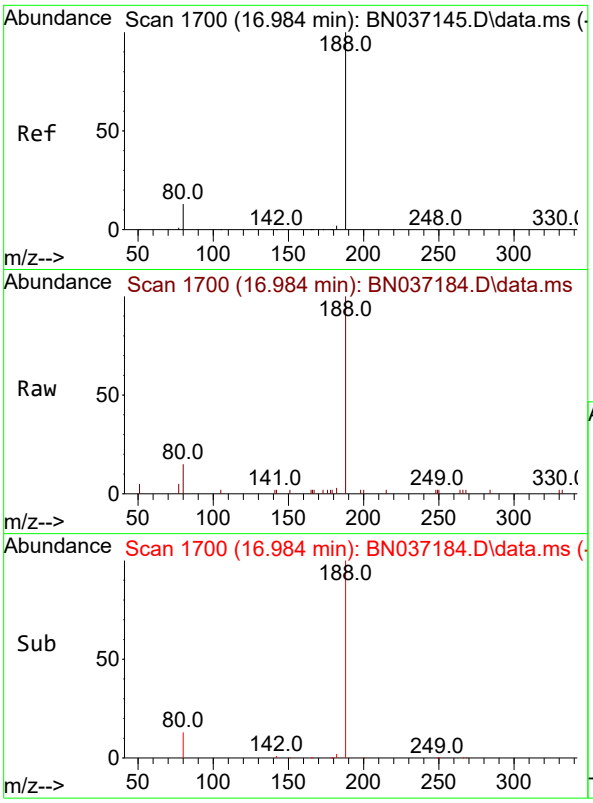


#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.863 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:172 Resp: 1483

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	26.7	20.3	30.5



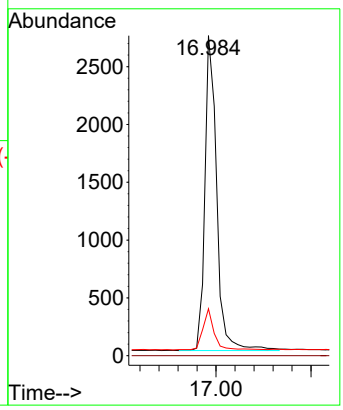


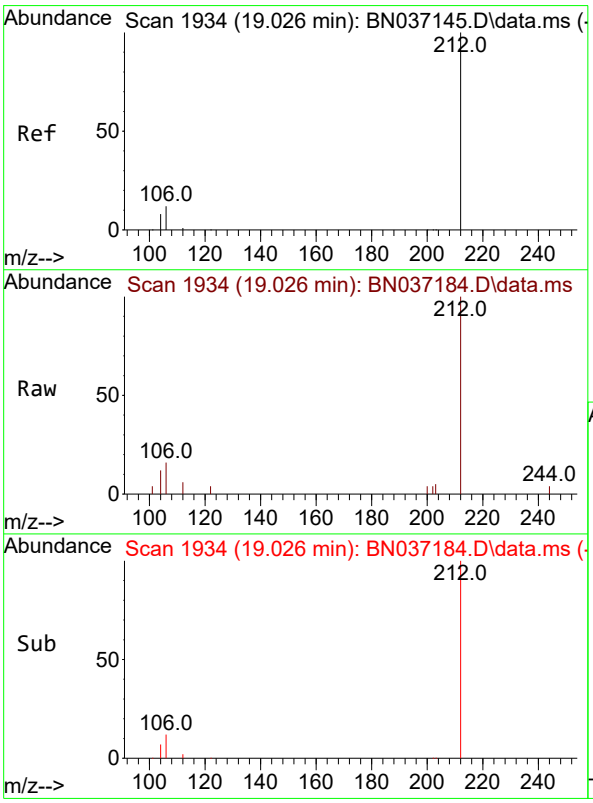
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:188 Resp: 4719

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	11.3	16.9

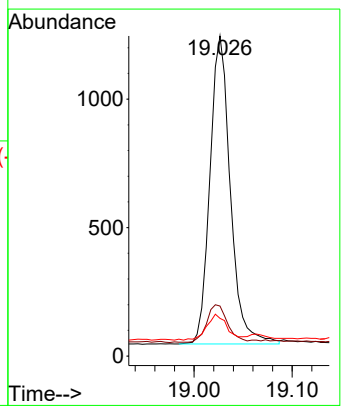


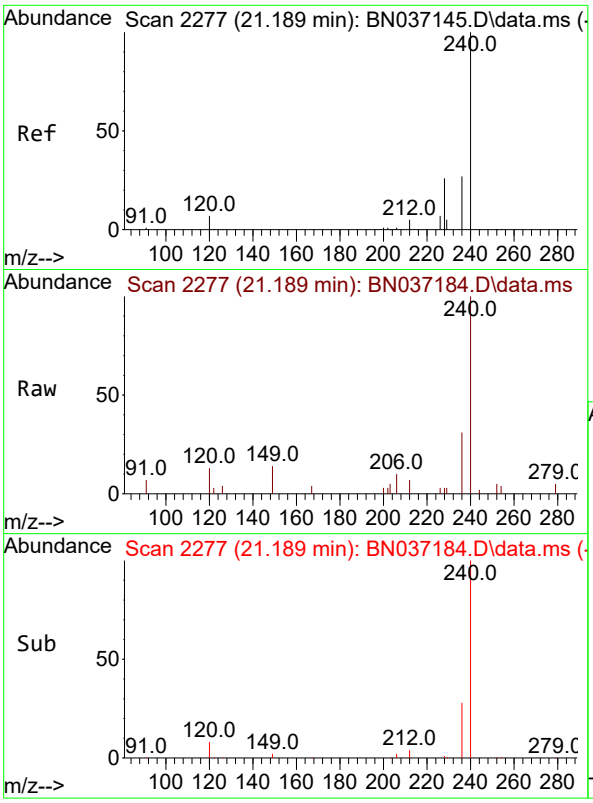


#27
Fluoranthene-d10
Concen: 0.145 ng
RT: 19.026 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:212 Resp: 1738

Ion	Ratio	Lower	Upper
212	100		
106	12.4	10.6	15.8
104	8.3	6.6	9.8



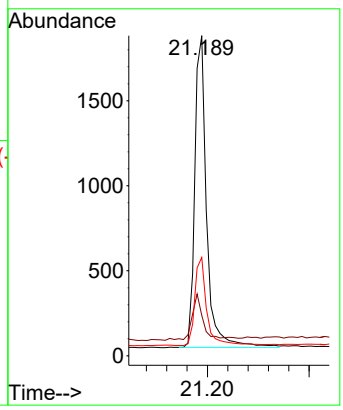


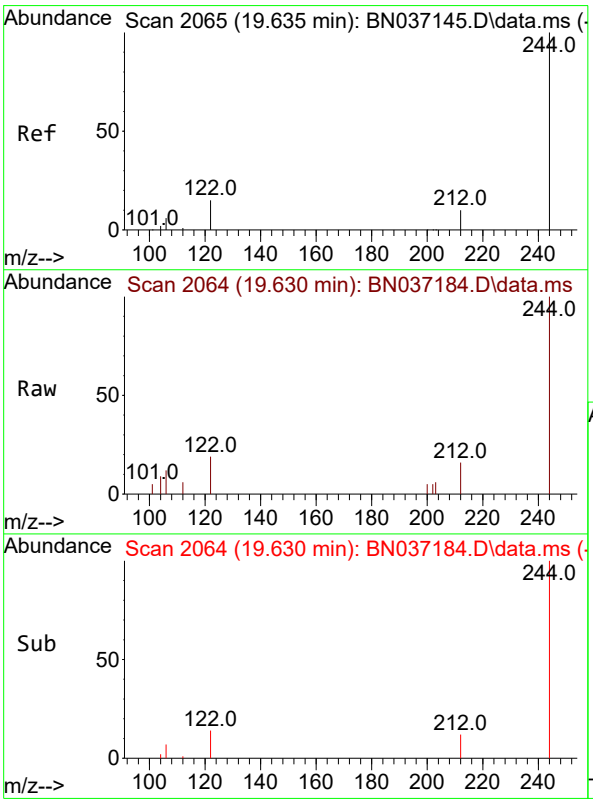
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:240 Resp: 2954

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.4
236	30.7	23.0	34.4

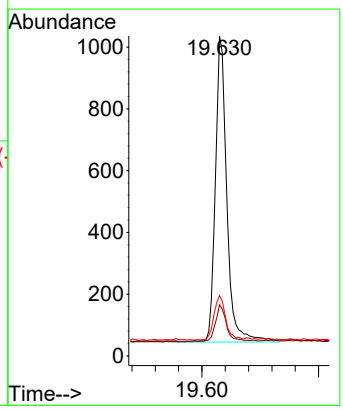


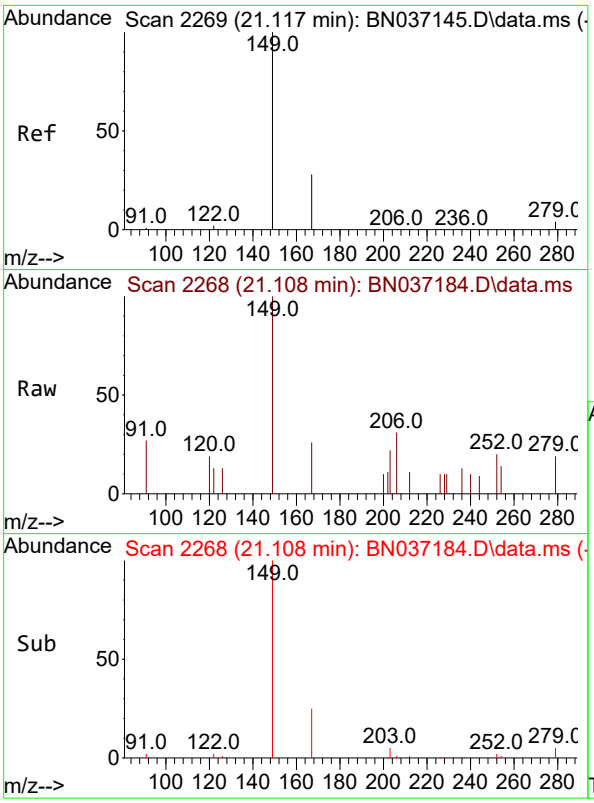


#31
Terphenyl-d14
Concen: 0.194 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:244 Resp: 1348

Ion	Ratio	Lower	Upper
244	100		
212	16.0	10.0	15.0#
122	18.9	13.2	19.8



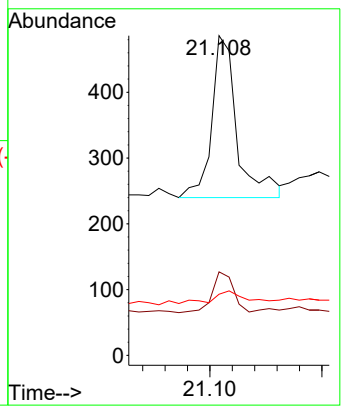


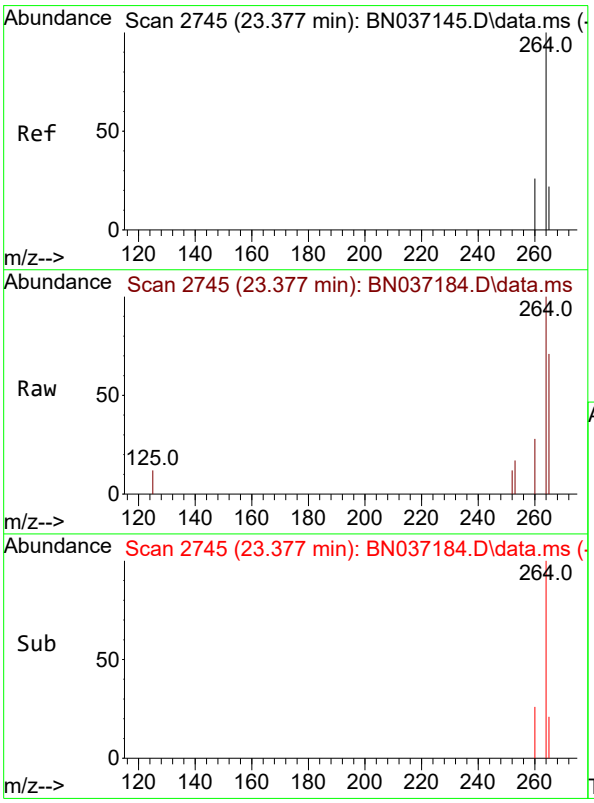
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

Tgt Ion:149 Resp: 386

Ion	Ratio	Lower	Upper
149	100		
167	21.5	21.0	31.4
279	9.6	2.9	4.3#

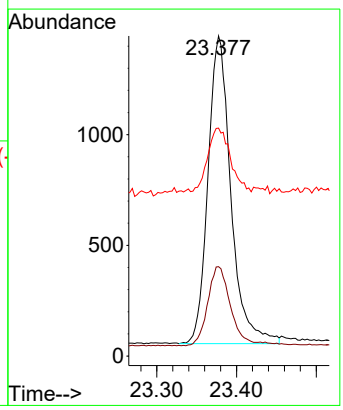




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:264 Resp: 2771

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.1	33.1
265	71.2	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037179.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : Q2200-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Quant Time: Jun 05 14:28:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

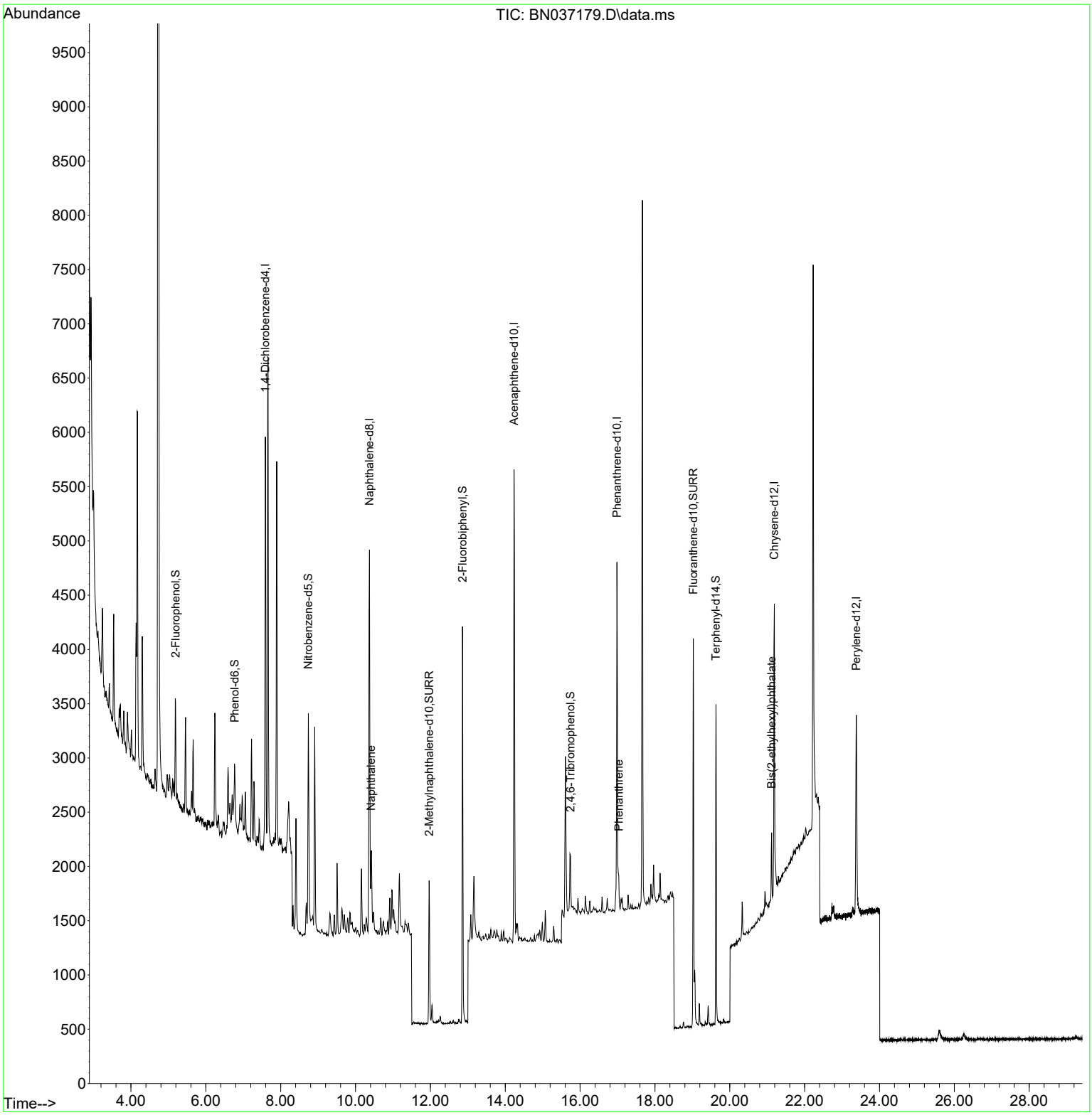
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4597	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2434	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4339	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2778	0.400	ng	0.00
35) Perylene-d12	23.380	264	2502	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	666	0.152	ng	0.00
5) Phenol-d6	6.773	99	474	0.089	ng	0.00
8) Nitrobenzene-d5	8.739	82	1529	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	1866	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	337	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3182	0.307	ng	0.00
27) Fluoranthene-d10	19.026	212	4011	0.364	ng	0.00
31) Terphenyl-d14	19.630	244	2812	0.430	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.415	128	413	0.031	ng	# 63
25) Phenanthrene	17.033	178	335	0.024	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.117	149	601	0.095	ng	98

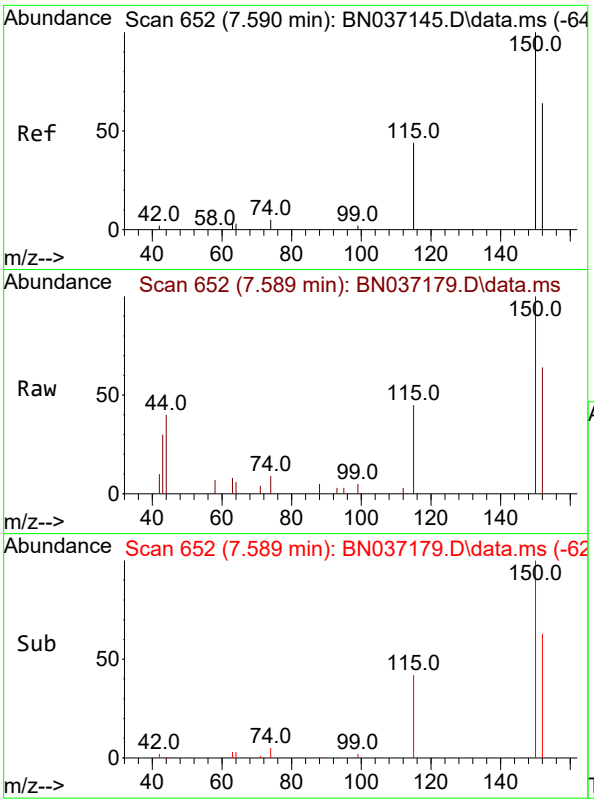
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037179.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : Q2200-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Quant Time: Jun 05 14:28:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



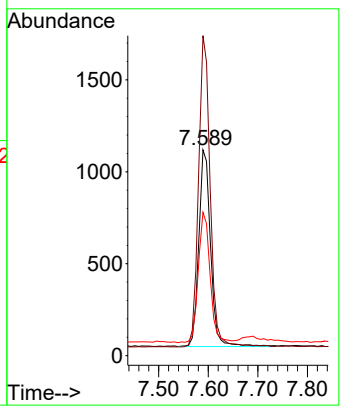


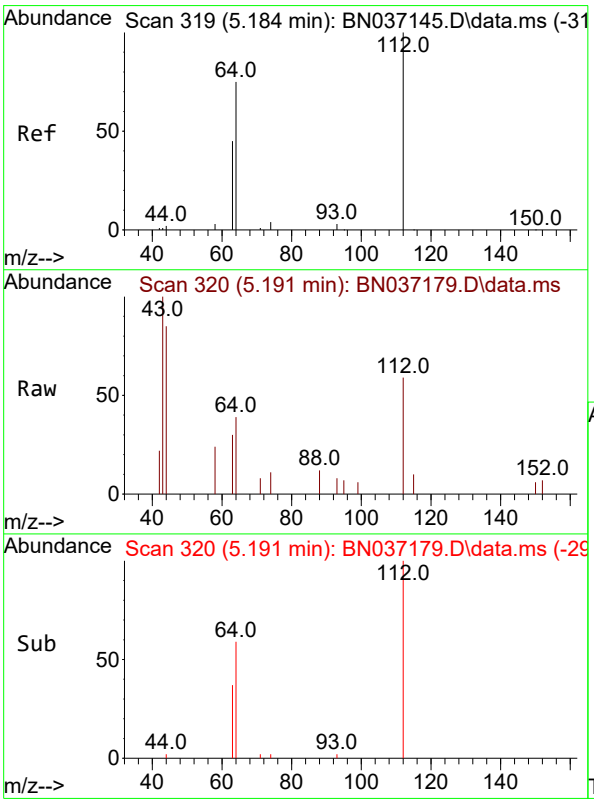
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:152 Resp: 1771

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.2	184.8
115	69.7	56.6	85.0

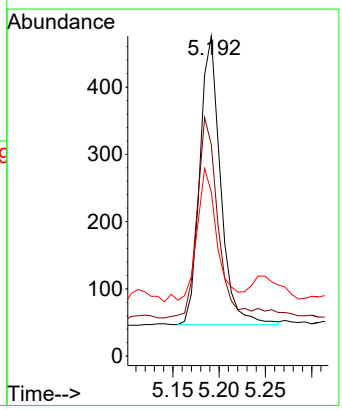


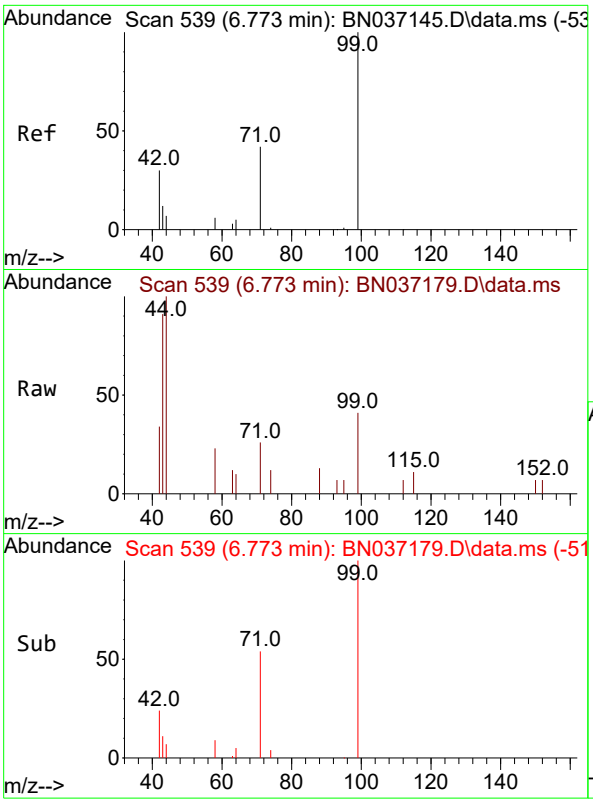


#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:112 Resp: 666

Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.3	84.5
63	44.6	36.2	54.4



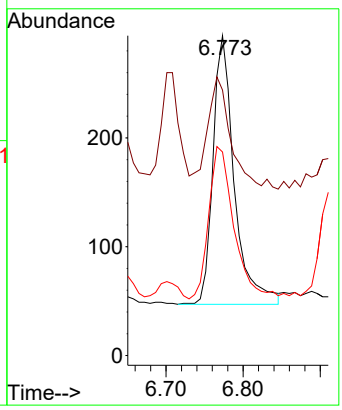


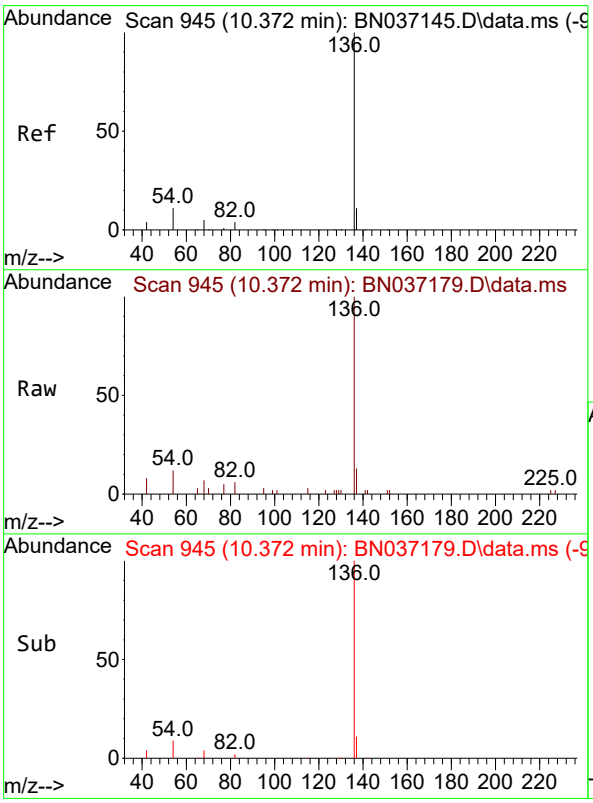
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion: 99 Resp: 474

Ion	Ratio	Lower	Upper
99	100		
42	46.6	31.3	46.9
71	67.7	38.2	57.2#

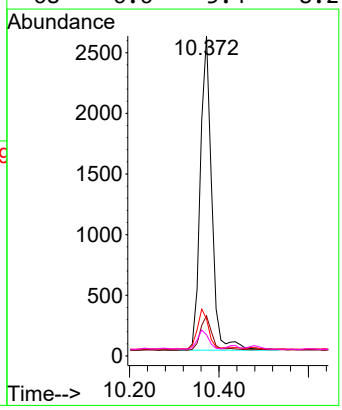


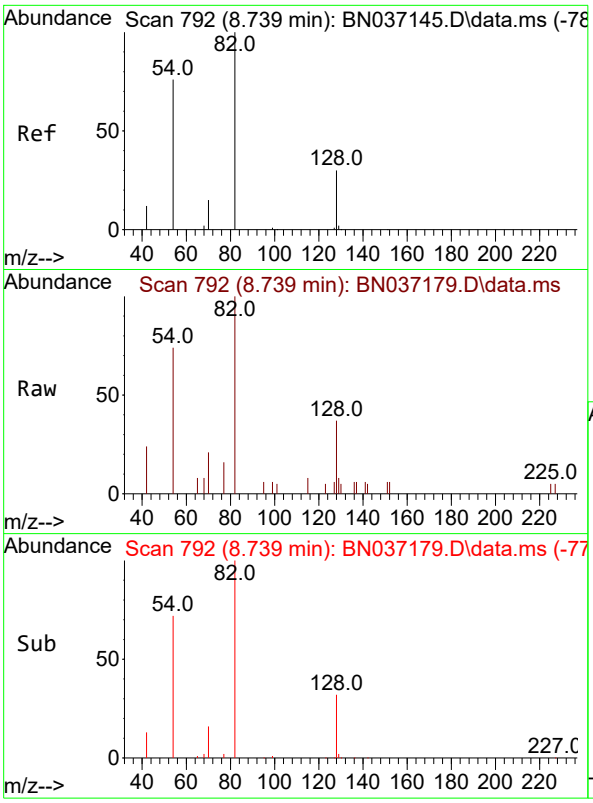


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:136 Resp: 4597

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.7	14.5
54	11.6	9.7	14.5
68	6.6	5.4	8.2



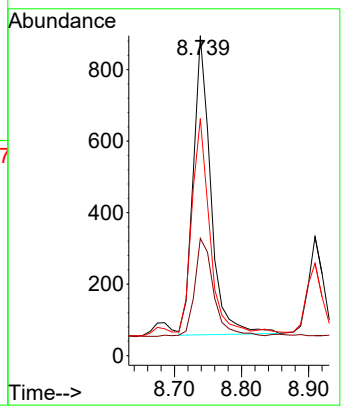


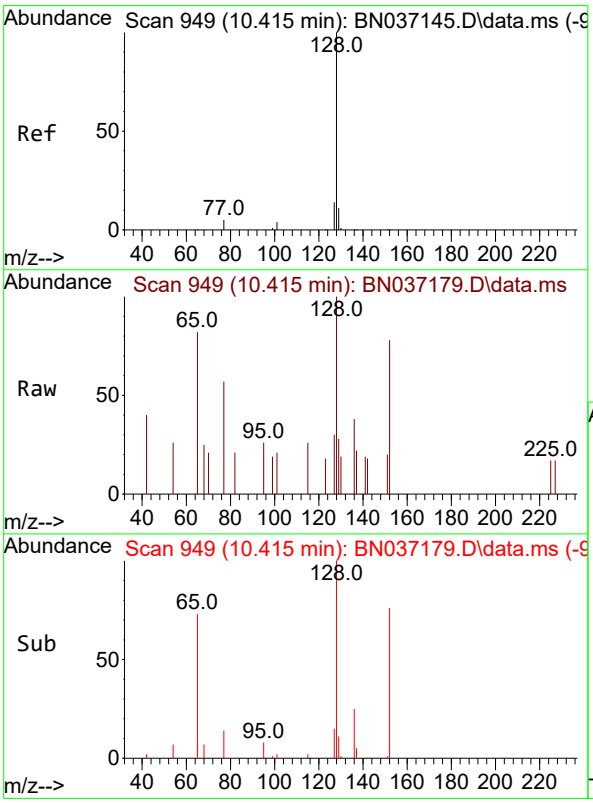
#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.739 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion: 82 Resp: 1529

Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.9	40.3
54	74.1	61.4	92.2

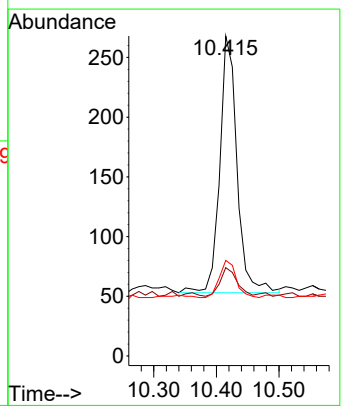


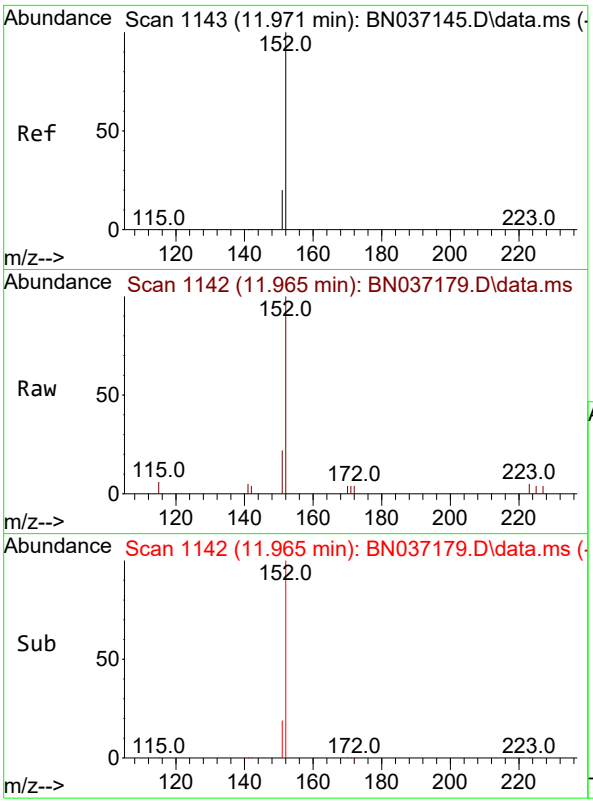


#9
Naphthalene
Concen: 0.031 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:128 Resp: 413

Ion	Ratio	Lower	Upper
128	100		
129	27.6	9.8	14.8#
127	29.9	12.3	18.5#



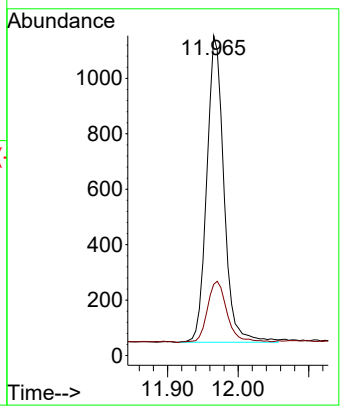


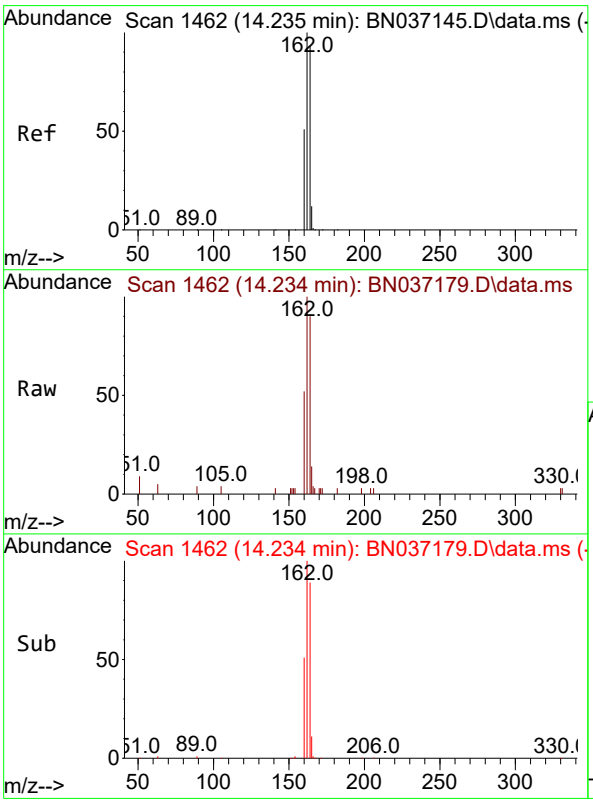
#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 11.965 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:152 Resp: 1866

Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.1	25.7

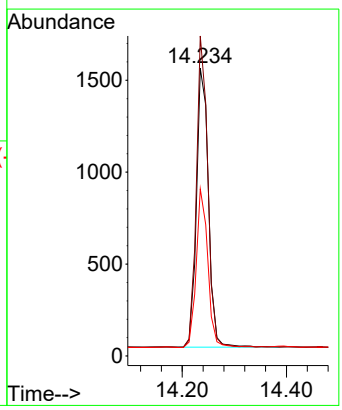


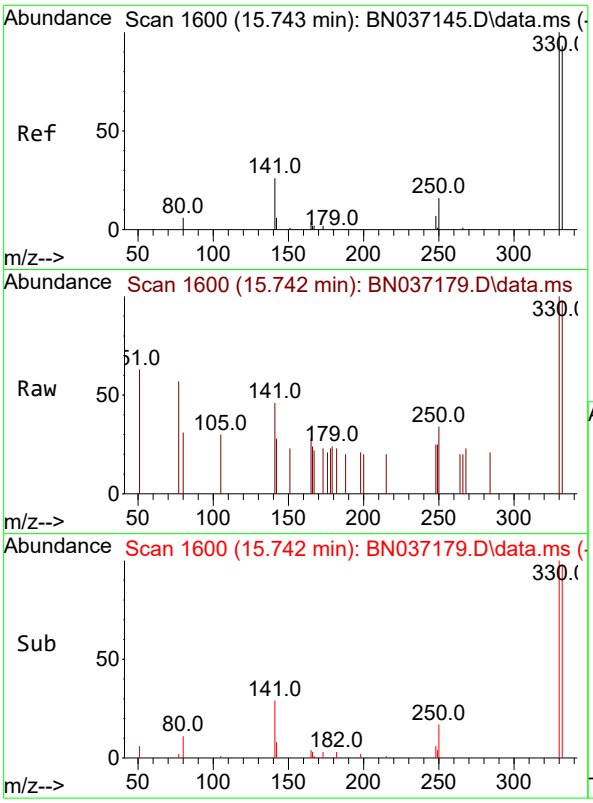


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:164 Resp: 2434

Ion	Ratio	Lower	Upper
164	100		
162	111.2	85.5	128.3
160	58.1	44.6	67.0



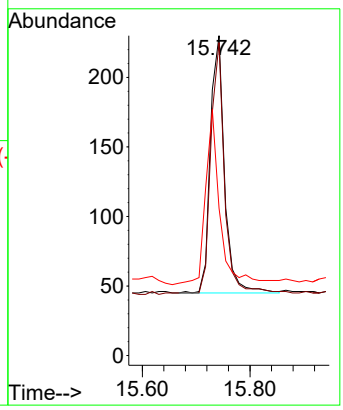


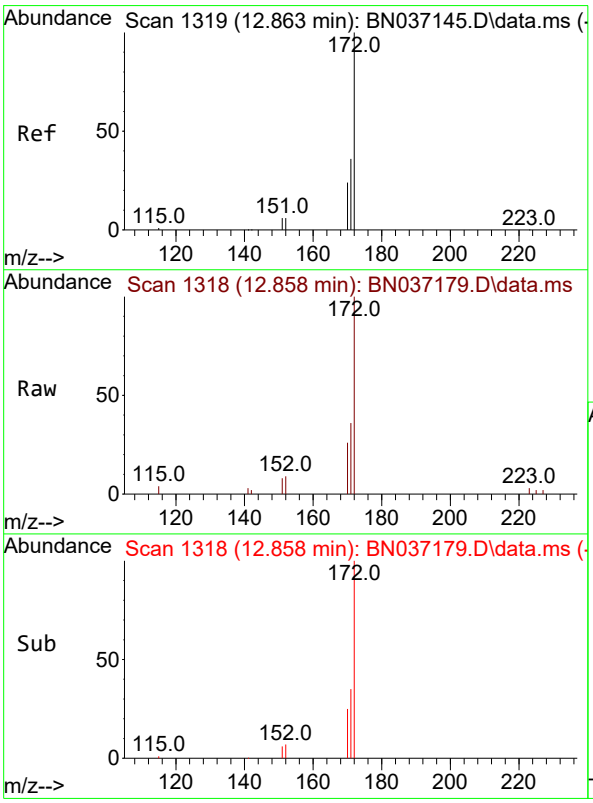
#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:330 Resp: 337

Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.1	115.7
141	68.2	46.4	69.6

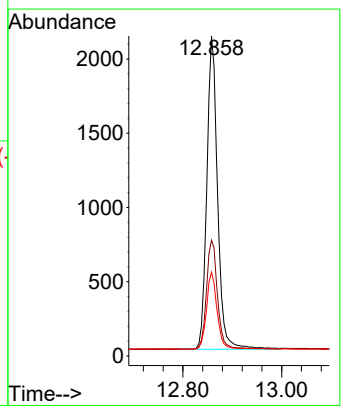


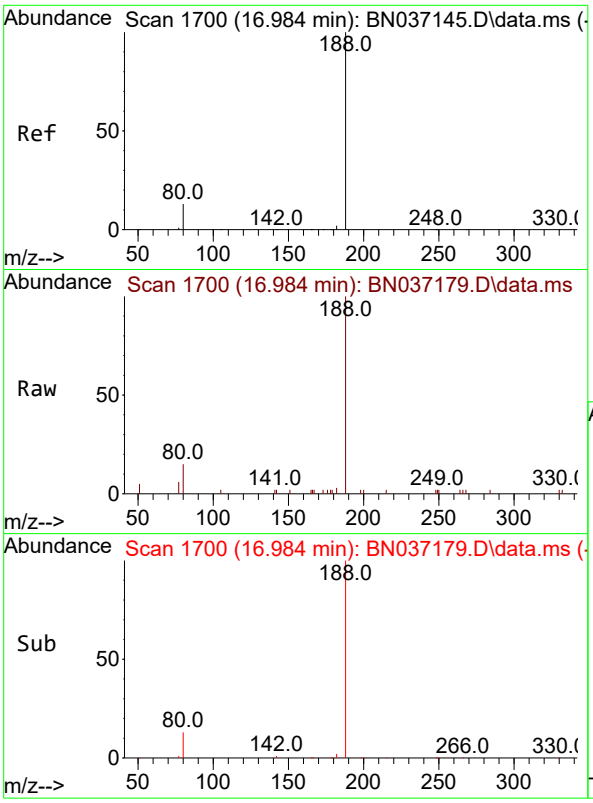


#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:172 Resp: 3182

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	26.2	20.3	30.5



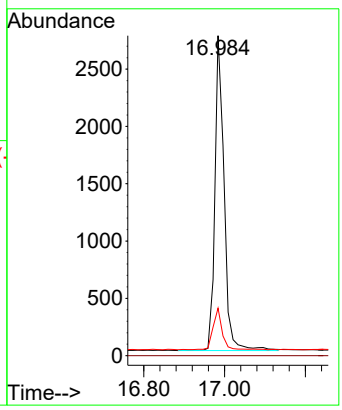


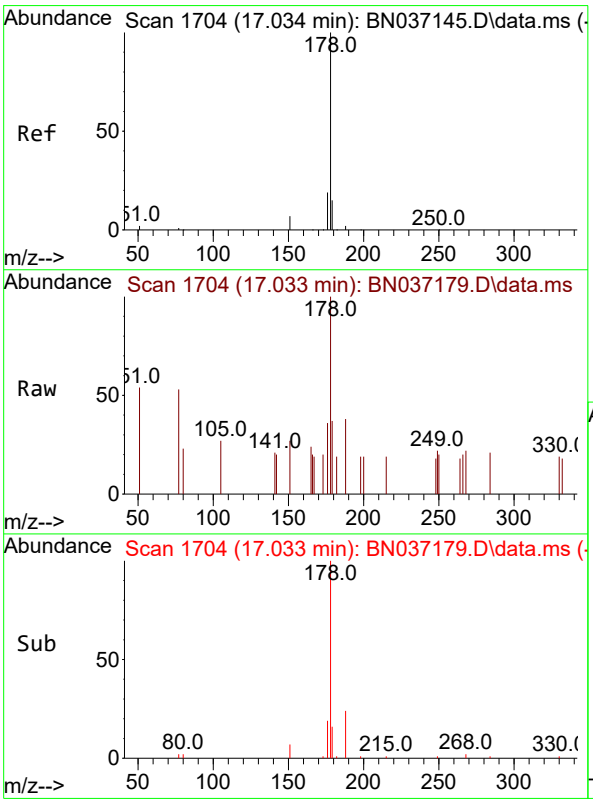
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:188 Resp: 4339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	11.3	16.9

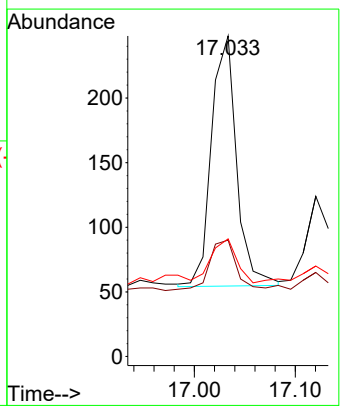


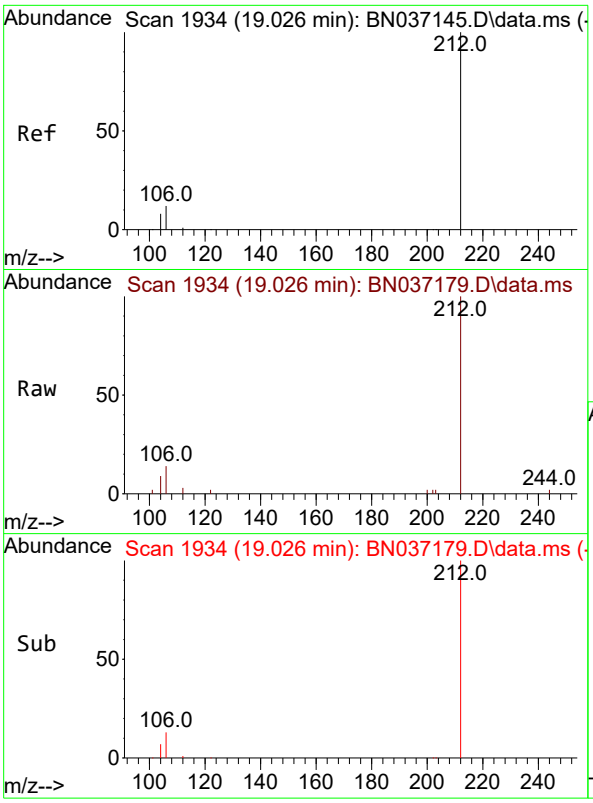


#25
Phenanthrene
Concen: 0.024 ng
RT: 17.033 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:178 Resp: 335

Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.7	23.5
179	25.4	12.3	18.5#



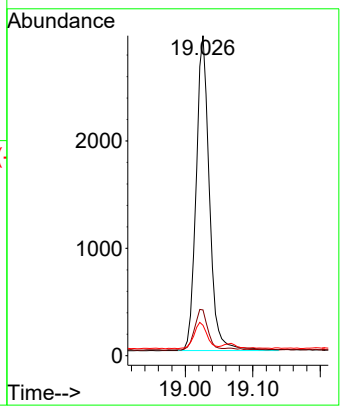


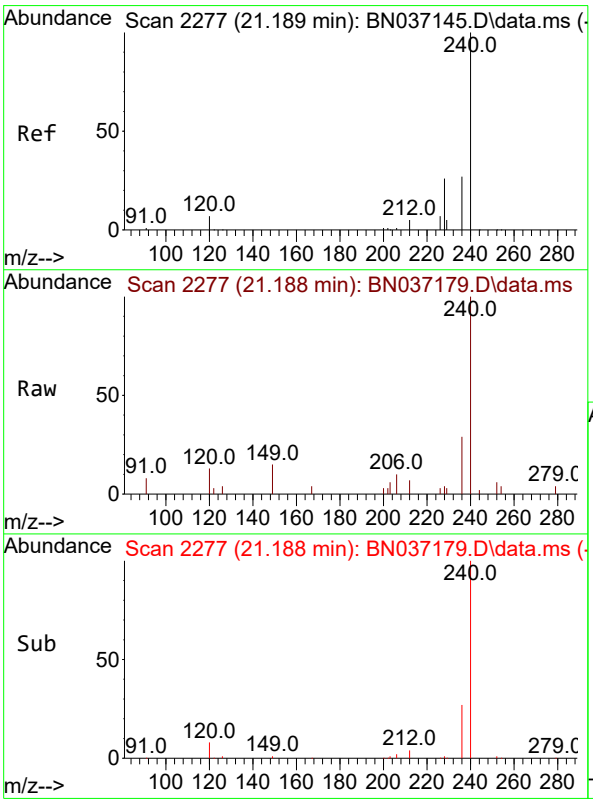
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:212 Resp: 4011

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.6	15.8
104	8.5	6.6	9.8

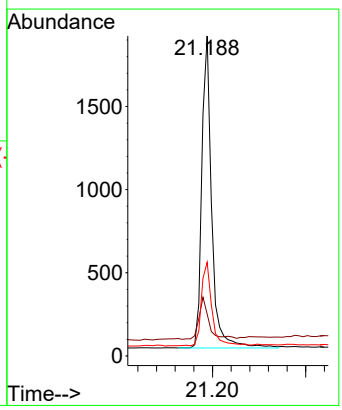


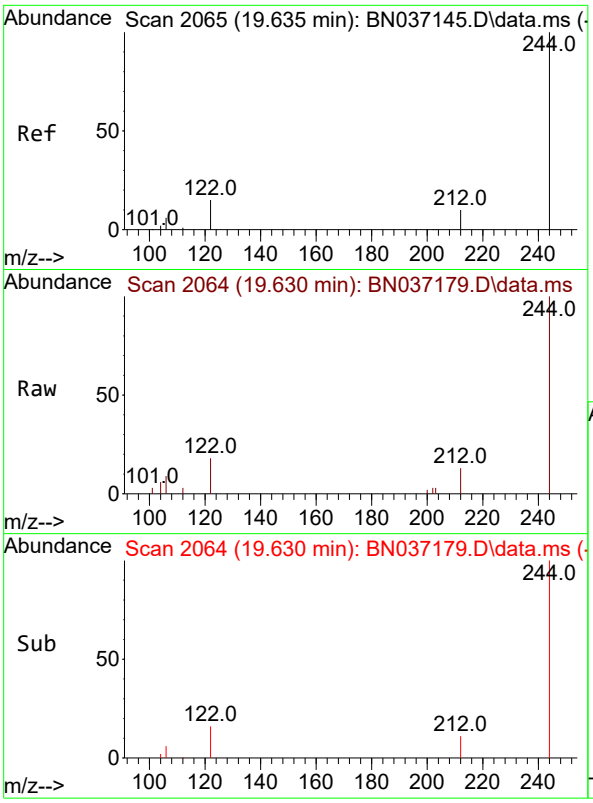


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:240 Resp: 2778

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.0	13.4
236	29.3	23.0	34.4



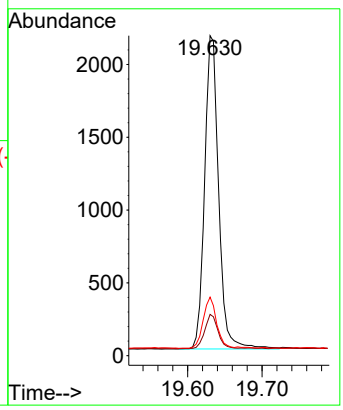


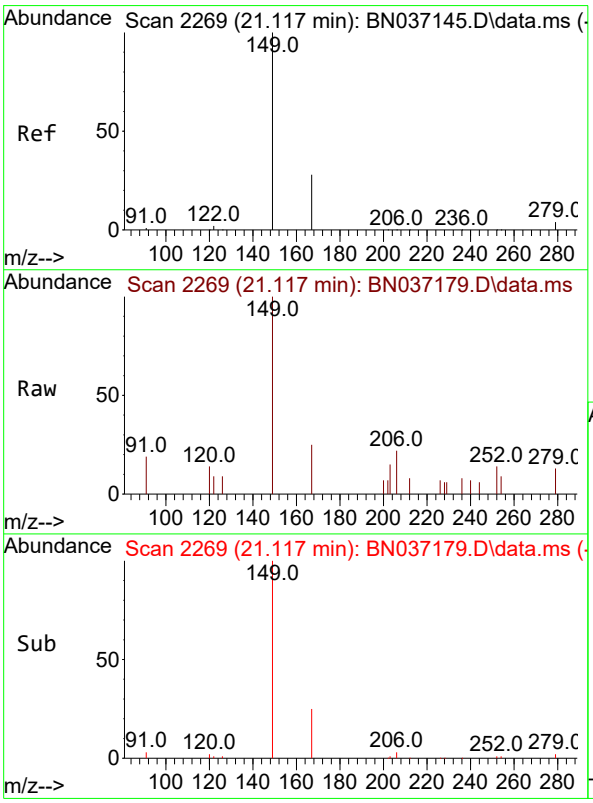
#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:244 Resp: 2812

Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.0	15.0
122	18.3	13.2	19.8

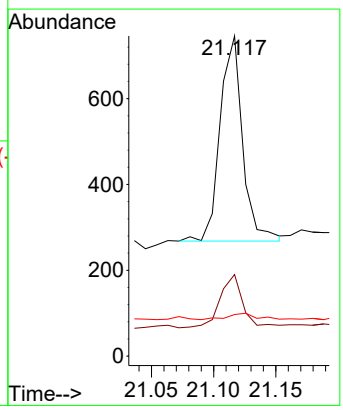


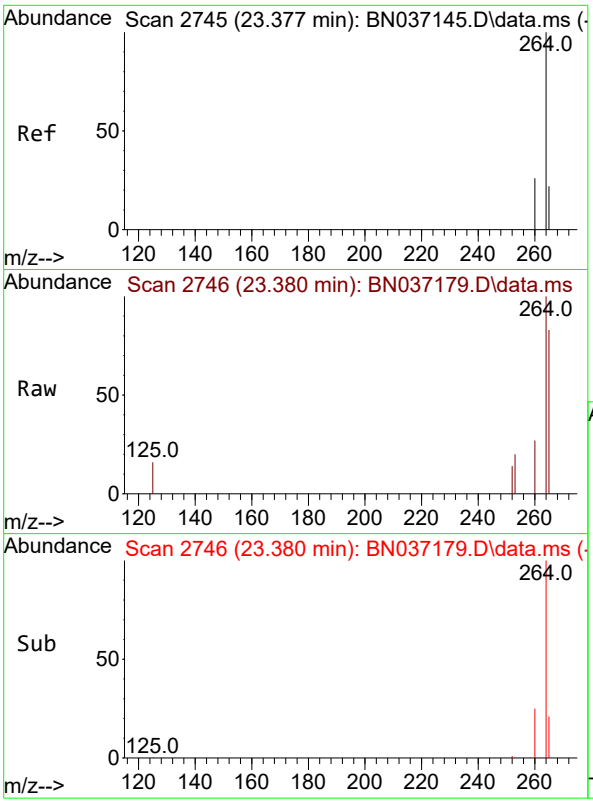


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:149 Resp: 601

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	4.2	2.9	4.3



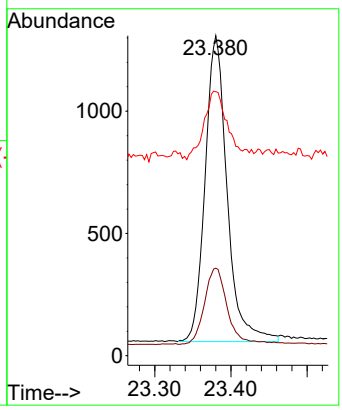


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

Tgt Ion:264 Resp: 2502

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.1	33.1
265	82.5	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037180.D
Acq On : 05 Jun 2025 14:32
Operator : RC/JU
Sample : Q2200-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Quant Time: Jun 05 15:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

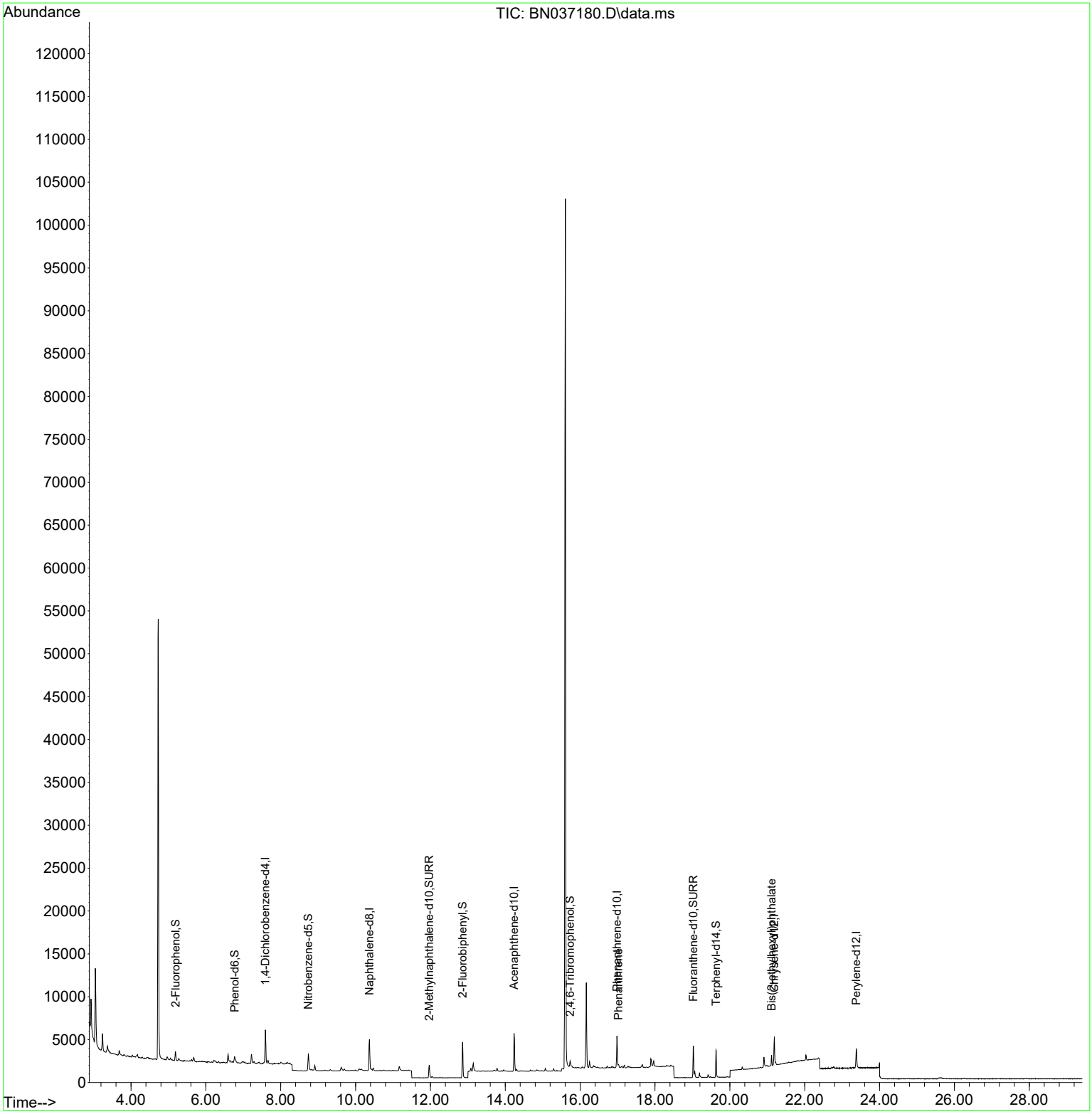
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1856	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4772	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2549	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4645	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3039	0.400	ng	0.00
35) Perylene-d12	23.377	264	2764	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	733	0.160	ng	0.00
5) Phenol-d6	6.773	99	566	0.102	ng	0.00
8) Nitrobenzene-d5	8.739	82	1652	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2122	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	377	0.367	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3699	0.340	ng	0.00
27) Fluoranthene-d10	19.026	212	4158	0.352	ng	0.00
31) Terphenyl-d14	19.630	244	3085	0.431	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.021	178	442	0.029	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.117	149	1241	0.179	ng	98

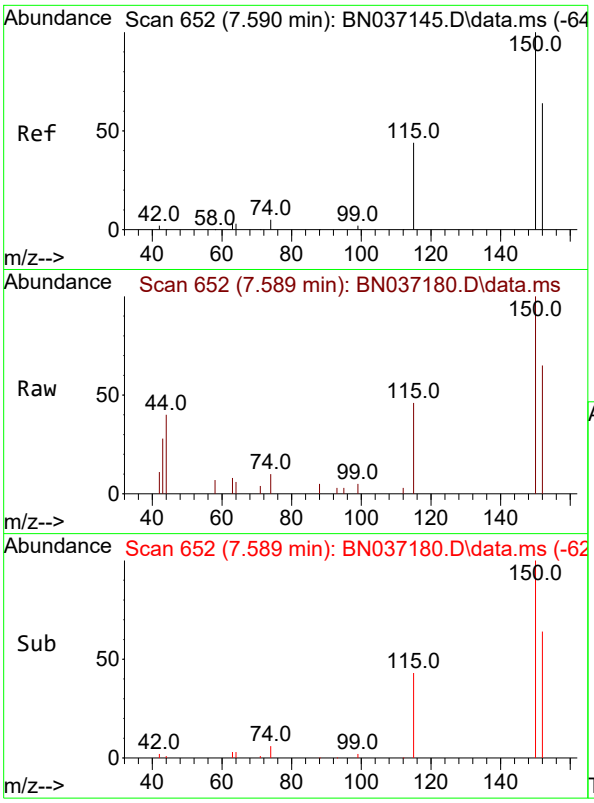
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037180.D
Acq On : 05 Jun 2025 14:32
Operator : RC/JU
Sample : Q2200-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Quant Time: Jun 05 15:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



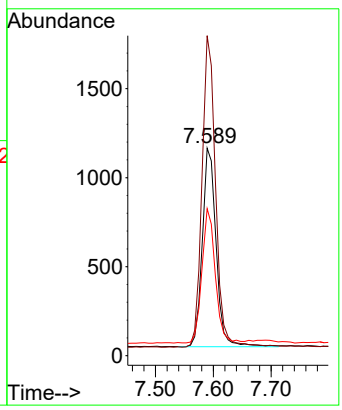


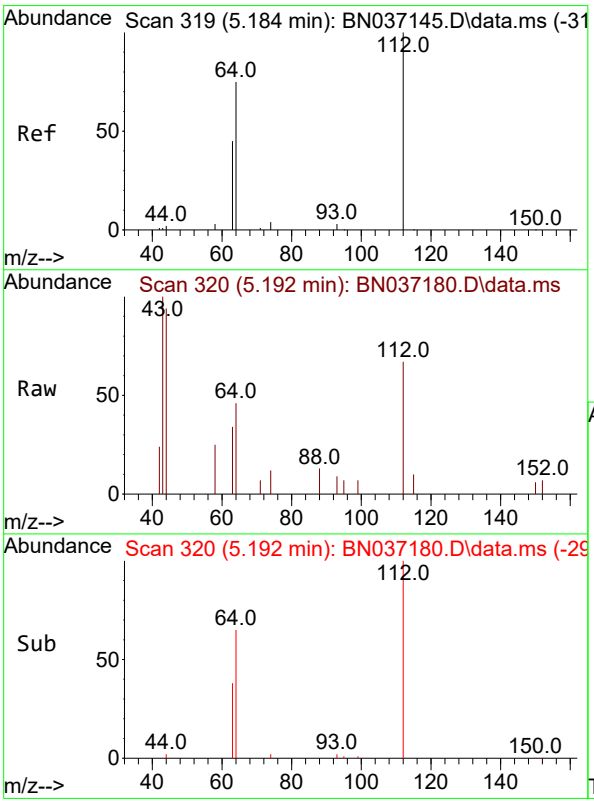
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:152 Resp: 1856

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	70.8	56.6	85.0

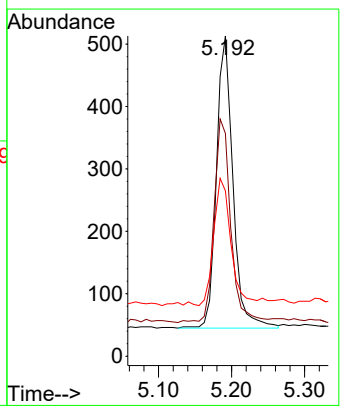


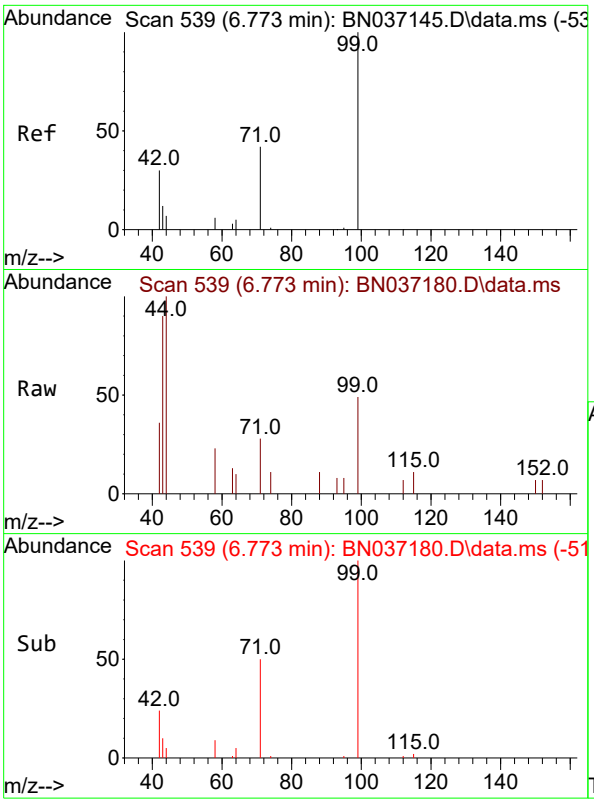


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:112 Resp: 733

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.3	84.5
63	45.6	36.2	54.4



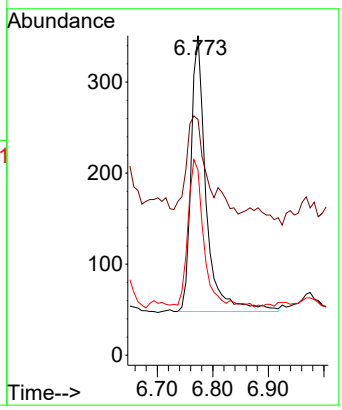


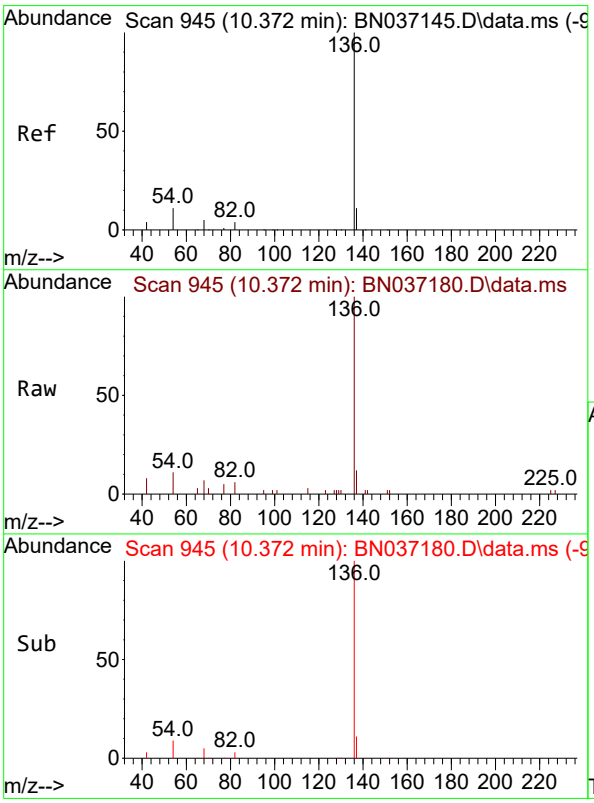
#5
Phenol-d6
Concen: 0.102 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion: 99 Resp: 566

Ion	Ratio	Lower	Upper
99	100		
42	38.0	31.3	46.9
71	56.9	38.2	57.2

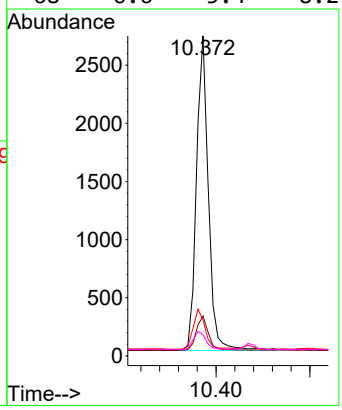


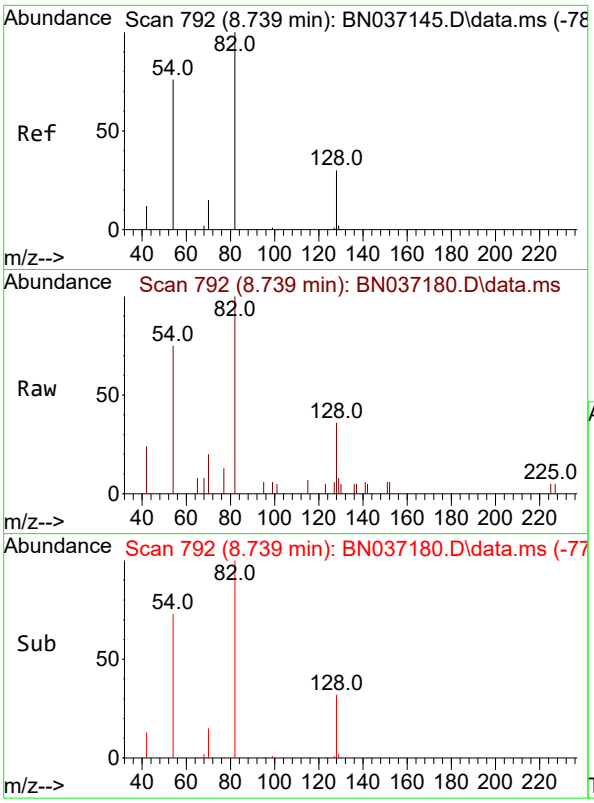


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:136 Resp: 4772

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	11.3	9.7	14.5
68	6.6	5.4	8.2



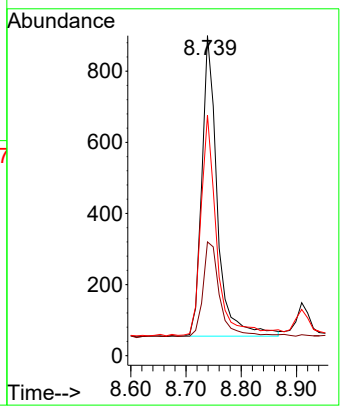


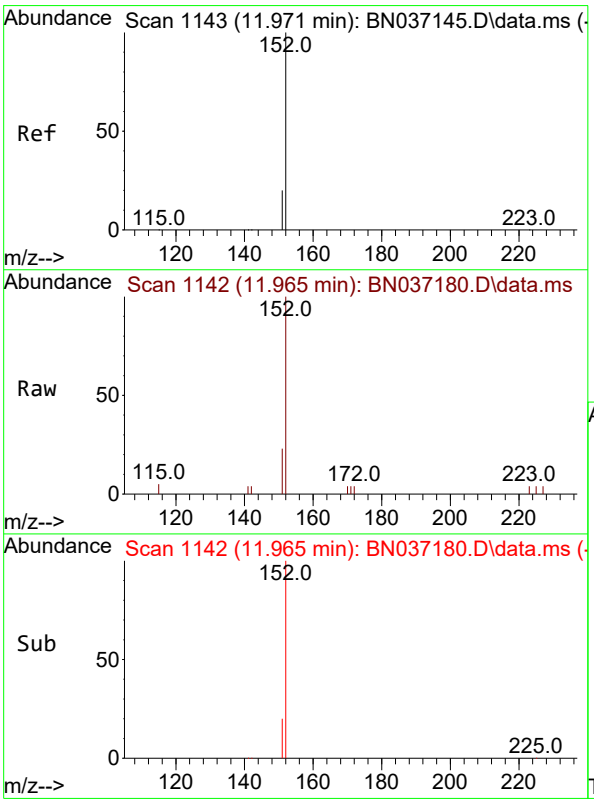
#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.739 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion: 82 Resp: 1652

Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.9	40.3
54	75.2	61.4	92.2

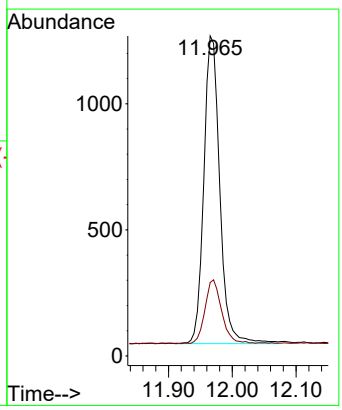


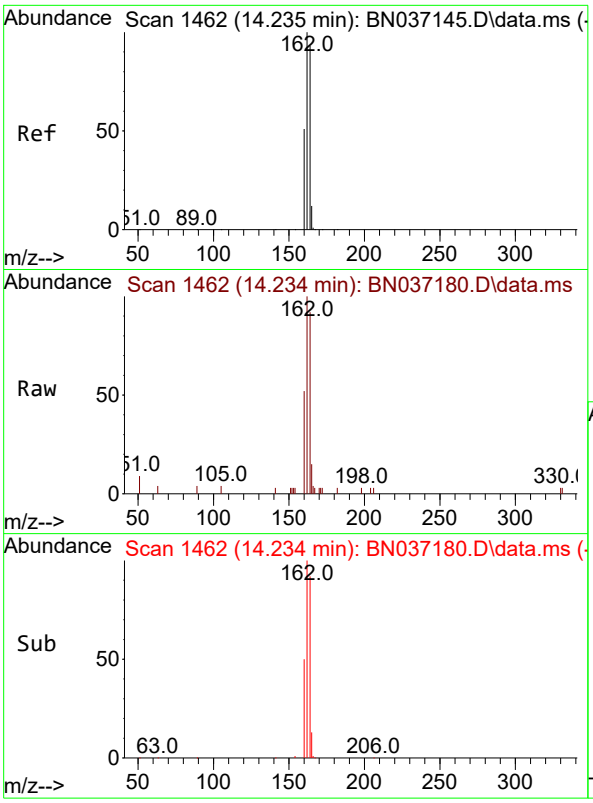


#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:152 Resp: 2122

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7



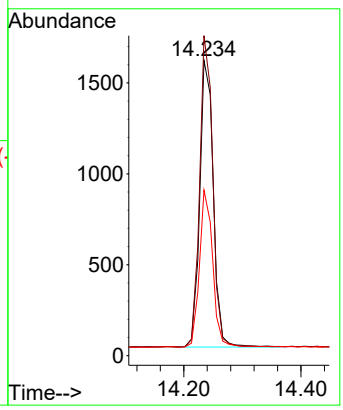


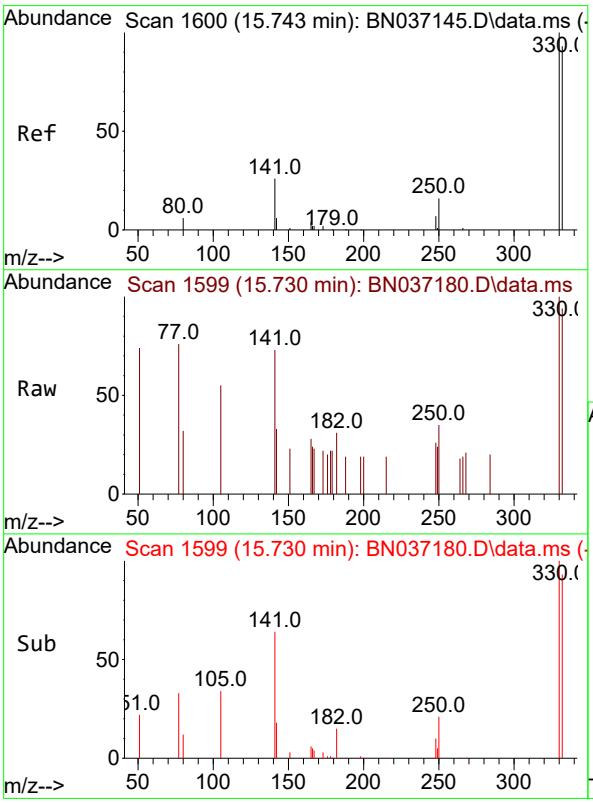
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:164 Resp: 2549

Ion	Ratio	Lower	Upper
164	100		
162	108.4	85.5	128.3
160	56.0	44.6	67.0

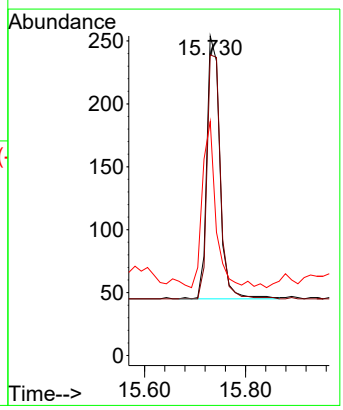


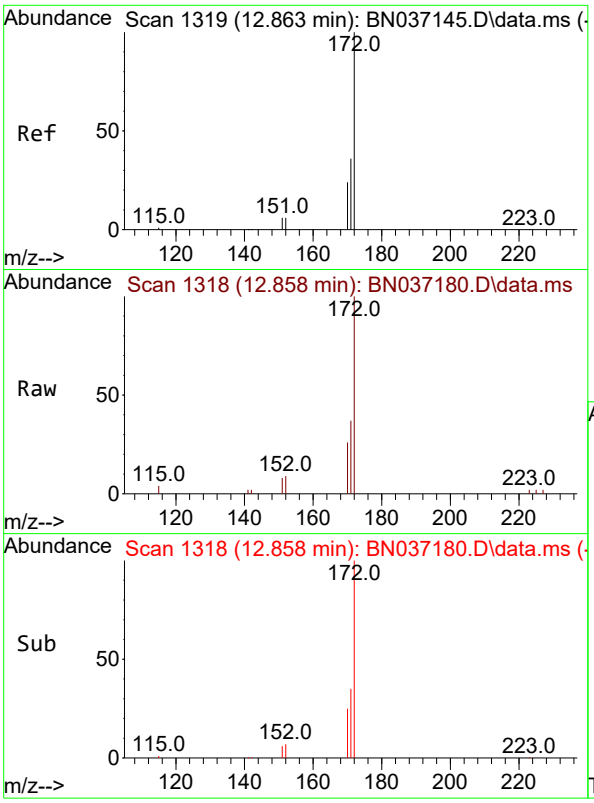


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:330 Resp: 377

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	64.5	46.4	69.6



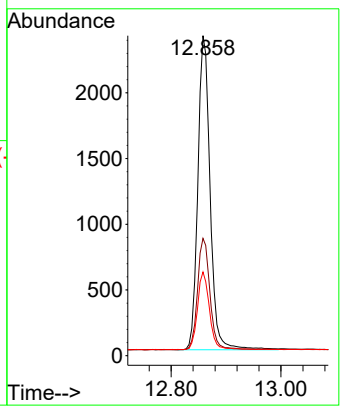


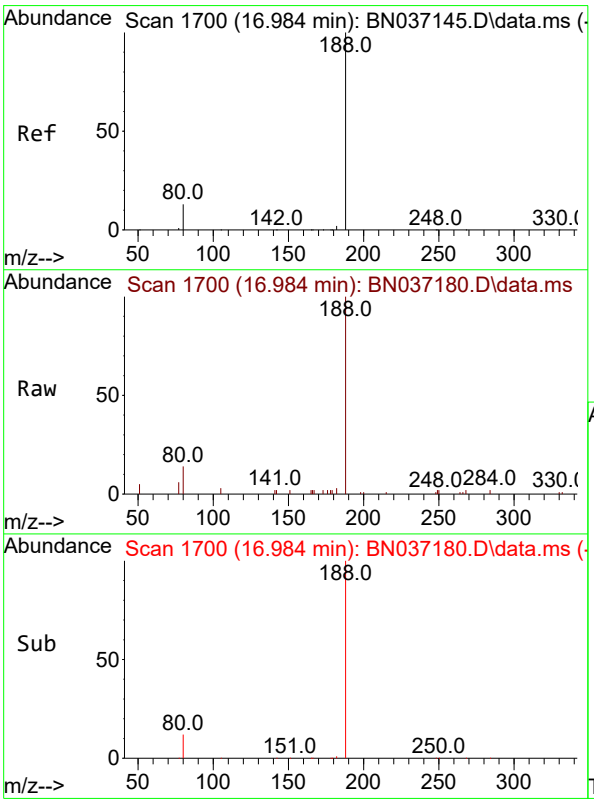
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:172 Resp: 3699

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	26.2	20.3	30.5

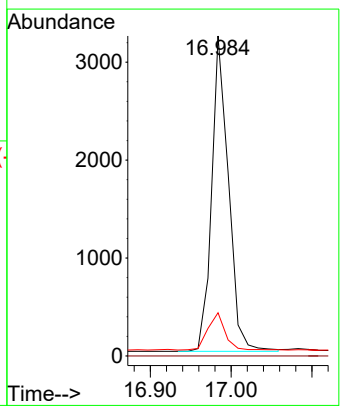


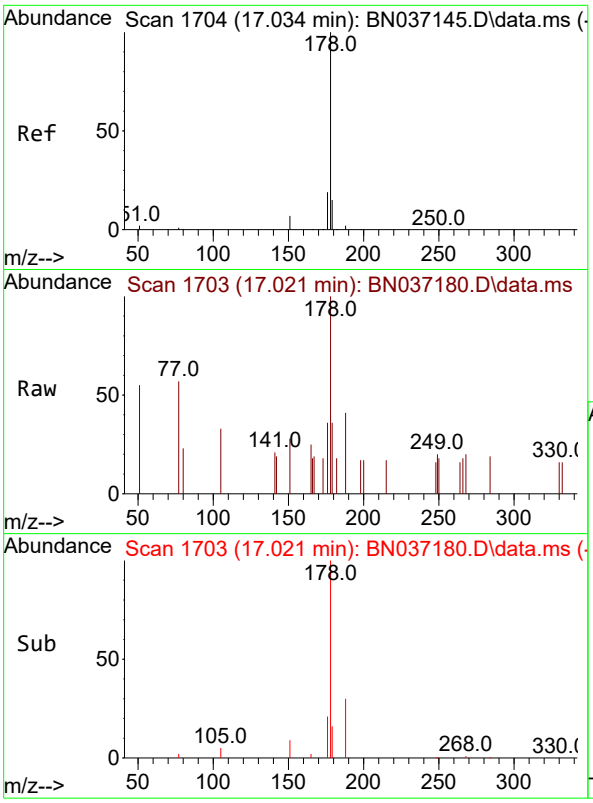


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:188 Resp: 4645

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	11.3	16.9



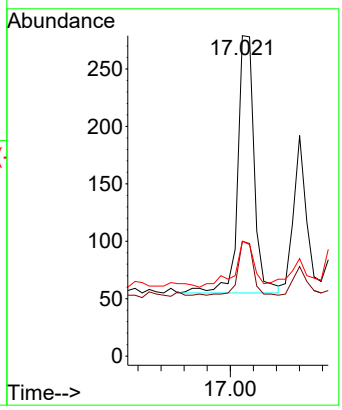


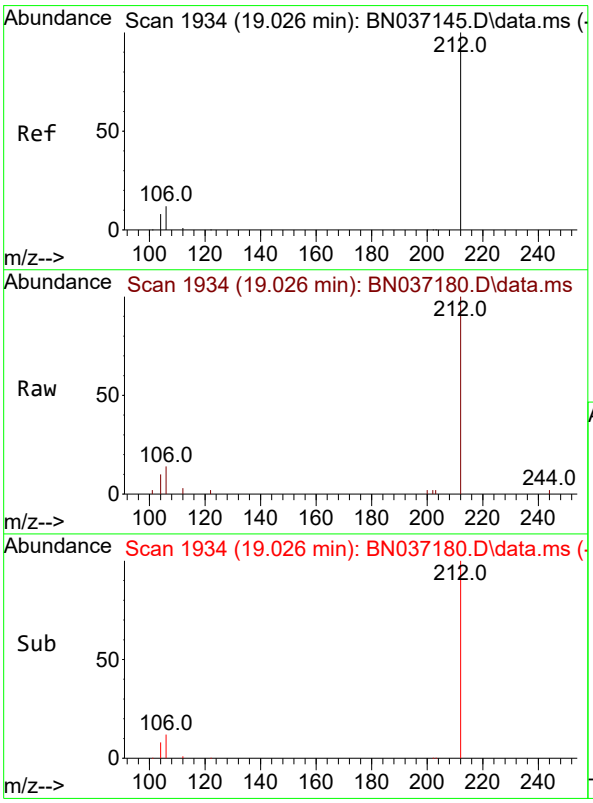
#25
Phenanthrene
Concen: 0.029 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:178 Resp: 442

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	21.7	12.3	18.5#

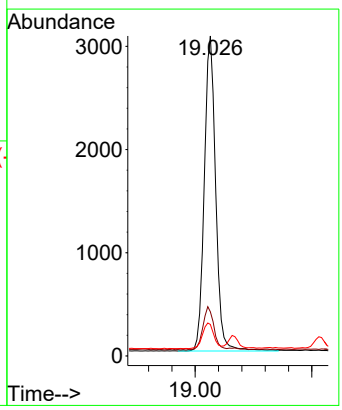


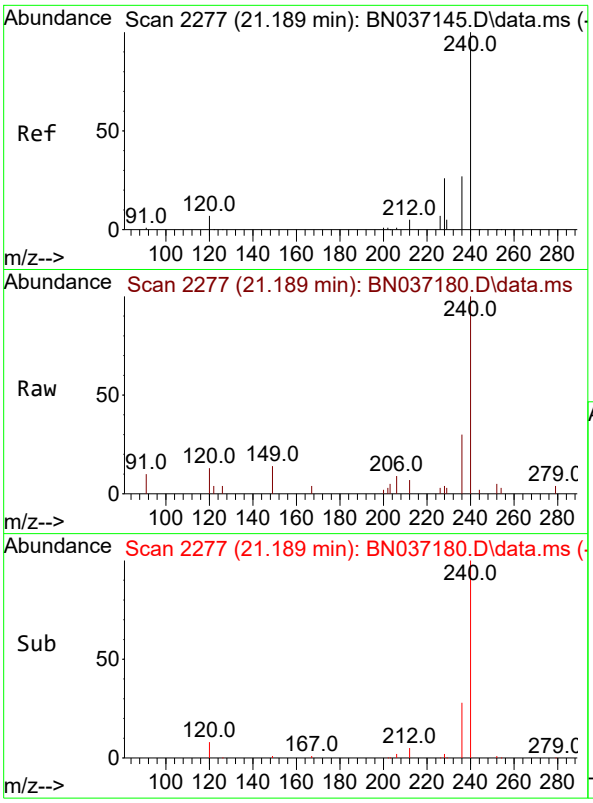


#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:212 Resp: 4158

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	8.1	6.6	9.8



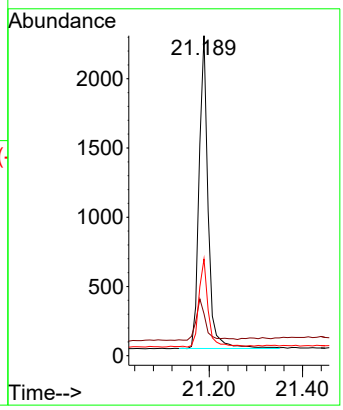


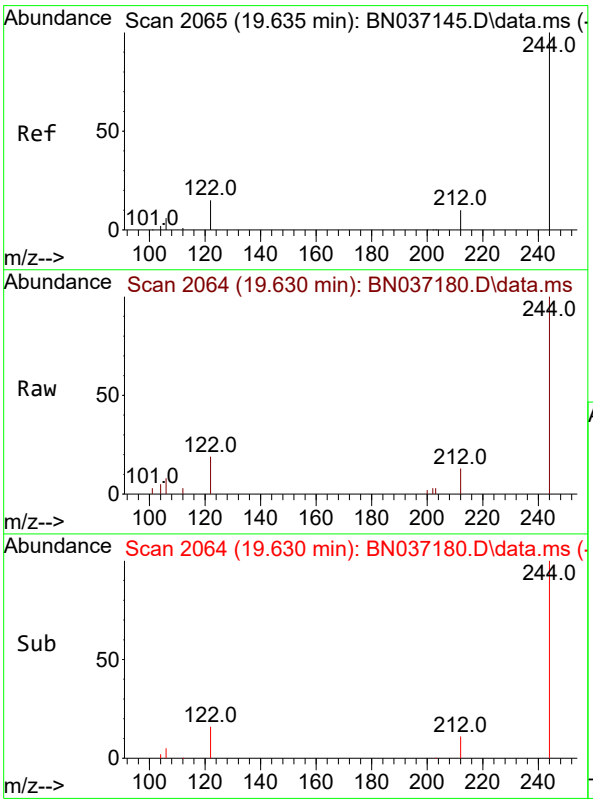
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:240 Resp: 3039

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.0	13.4
236	30.2	23.0	34.4

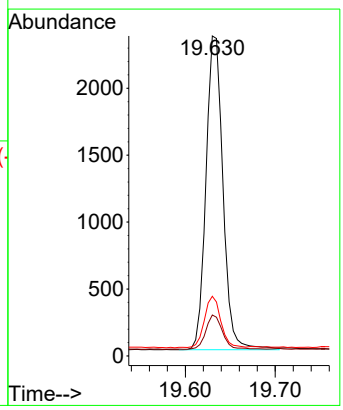


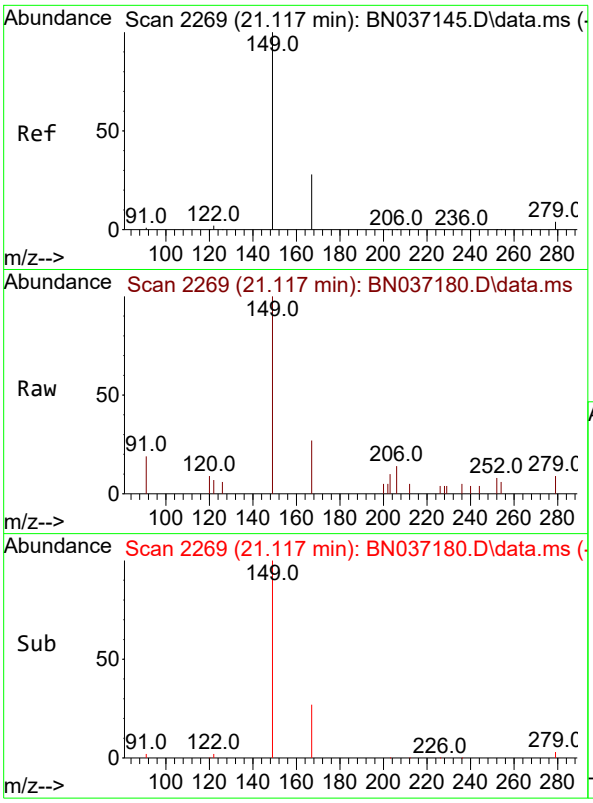


#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:244 Resp: 3085

Ion	Ratio	Lower	Upper
244	100		
212	12.8	10.0	15.0
122	18.7	13.2	19.8



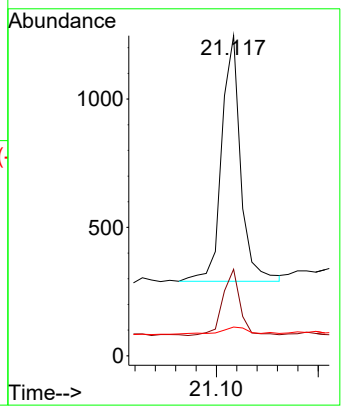


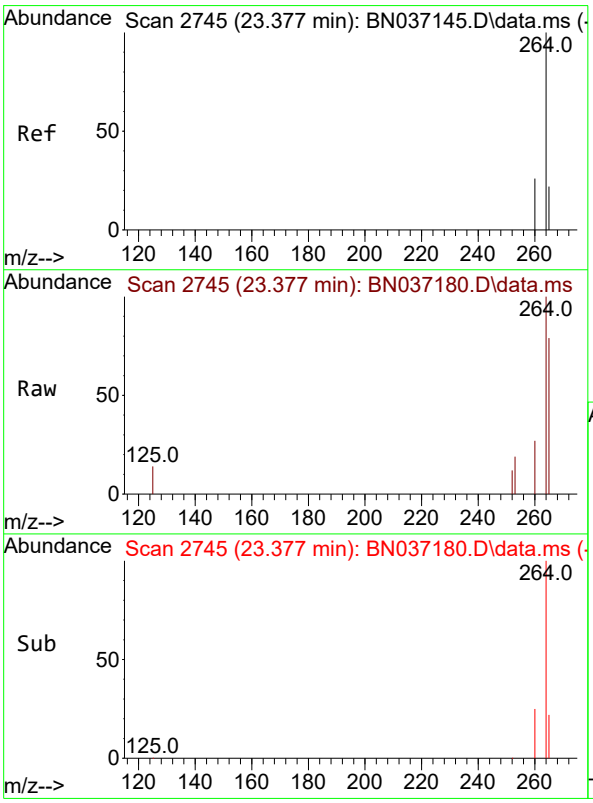
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.179 ng
RT: 21.117 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Instrument :
BNA_N
ClientSampleId :
MW-01-6.5-060325

Tgt Ion:149 Resp: 1241

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.4
279	3.6	2.9	4.3

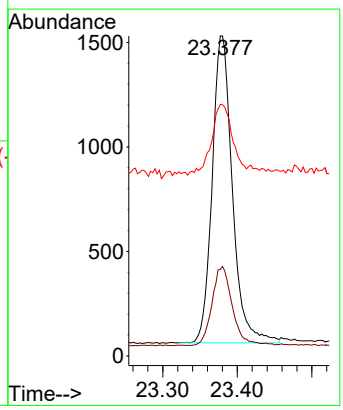




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037180.D
Acq: 05 Jun 2025 14:32

Tgt Ion:264 Resp: 2764

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.1	33.1
265	78.6	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037181.D
Acq On : 05 Jun 2025 15:08
Operator : RC/JU
Sample : Q2200-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Quant Time: Jun 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

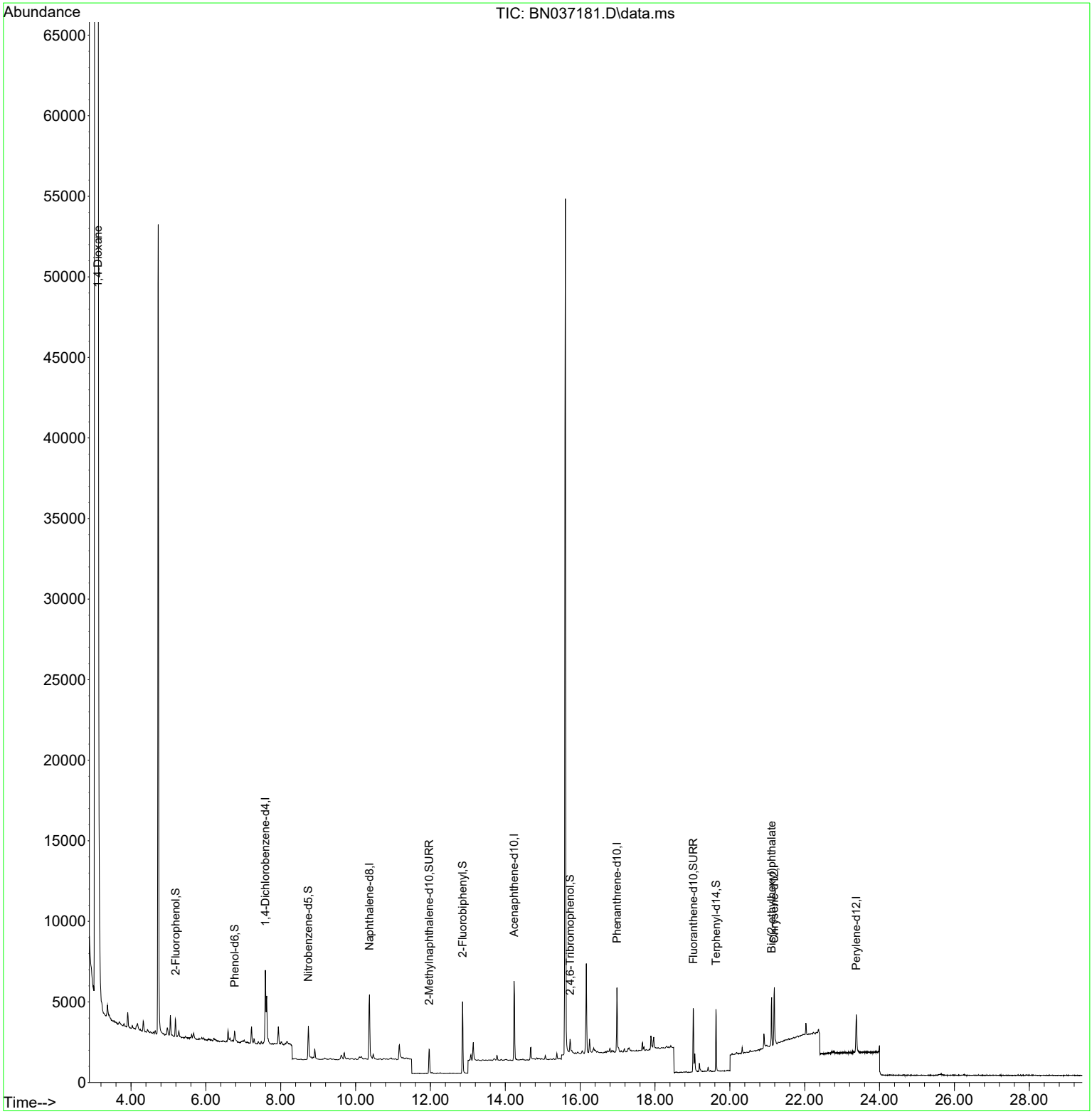
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2014	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5256	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2798	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4922	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3314	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3148	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	778	0.156	ng	0.00
5) Phenol-d6	6.773	99	531	0.088	ng	0.00
8) Nitrobenzene-d5	8.739	82	1803	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2201	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	423	0.375	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3823	0.320	ng	0.00
27) Fluoranthene-d10	19.022	212	4519	0.361	ng	0.00
31) Terphenyl-d14	19.630	244	3411	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	57659	21.478	ng	98
34) Bis(2-ethylhexyl)phtha...	21.117	149	2890	0.382	ng	98

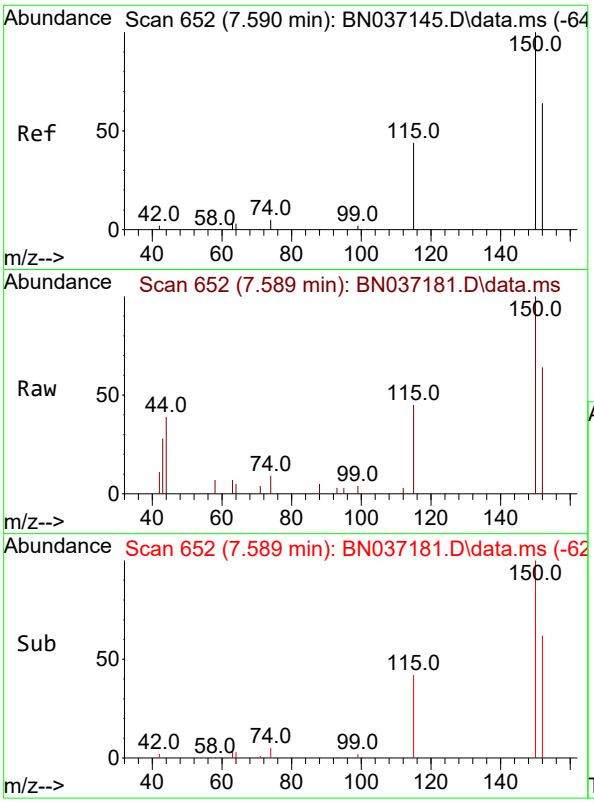
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037181.D
Acq On : 05 Jun 2025 15:08
Operator : RC/JU
Sample : Q2200-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Quant Time: Jun 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



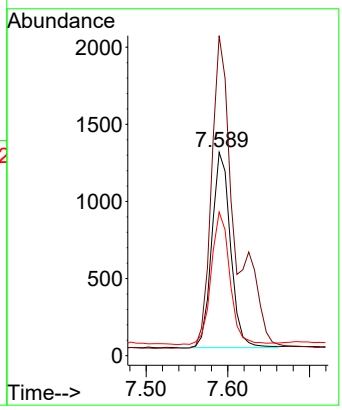


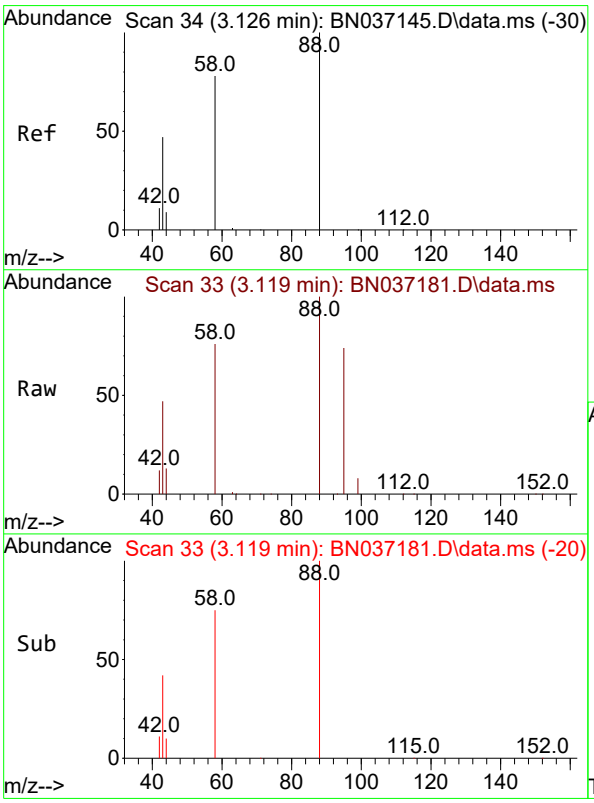
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:152 Resp: 2014

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.2	184.8
115	70.7	56.6	85.0

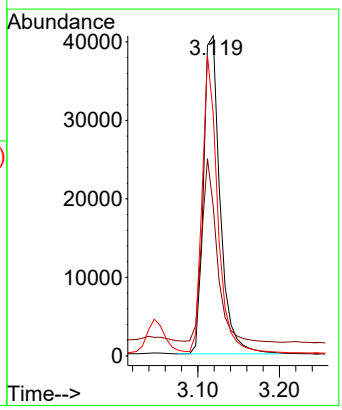


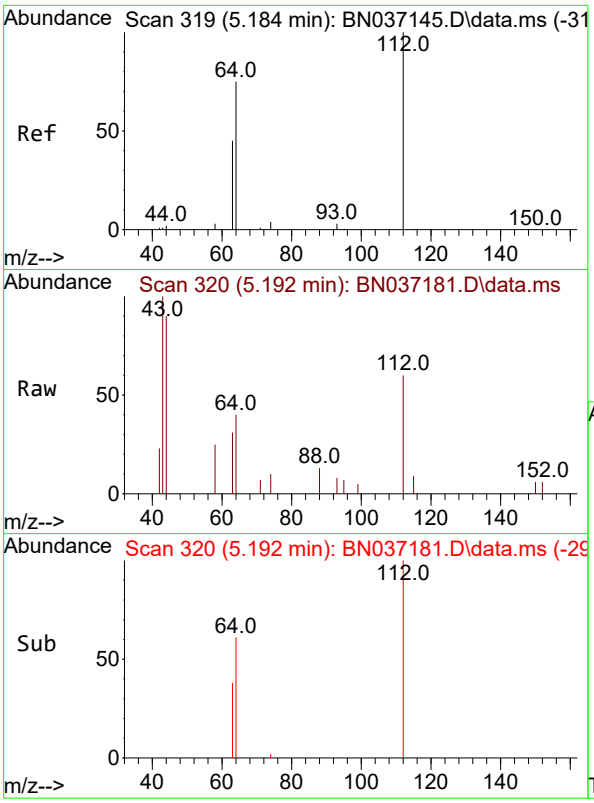


#2
1,4-Dioxane
Concen: 21.478 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion: 88 Resp: 57659

Ion	Ratio	Lower	Upper
88	100		
43	52.9	43.5	65.3
58	85.7	67.7	101.5



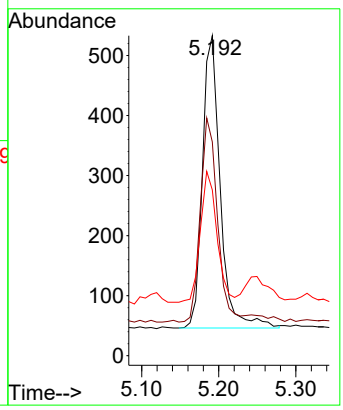


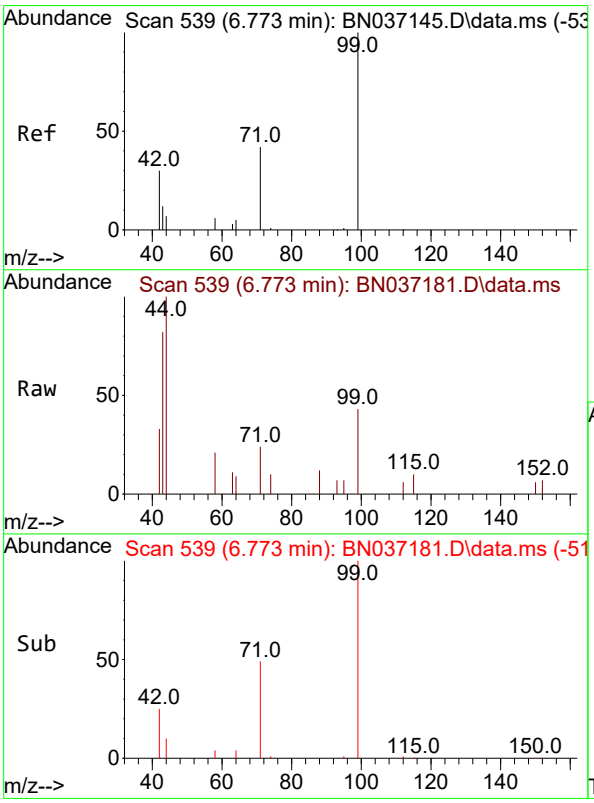
#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.192 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:112 Resp: 778

Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	41.9	36.2	54.4

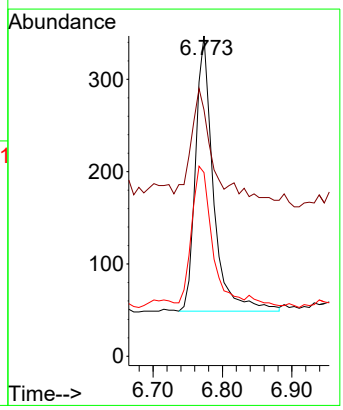


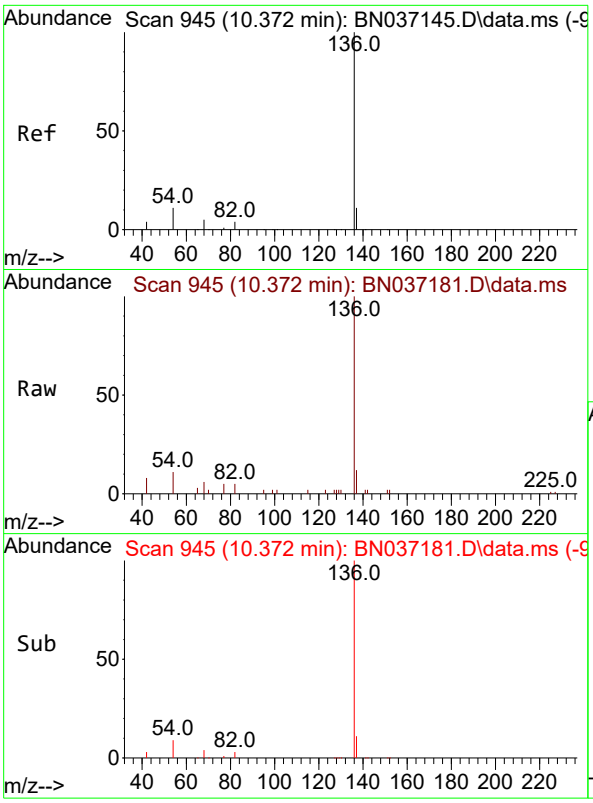


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion: 99 Resp: 531

Ion	Ratio	Lower	Upper
99	100		
42	48.2	31.3	46.9#
71	55.2	38.2	57.2



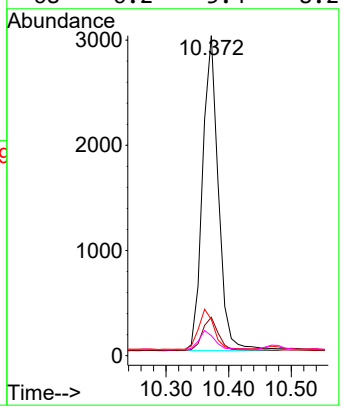


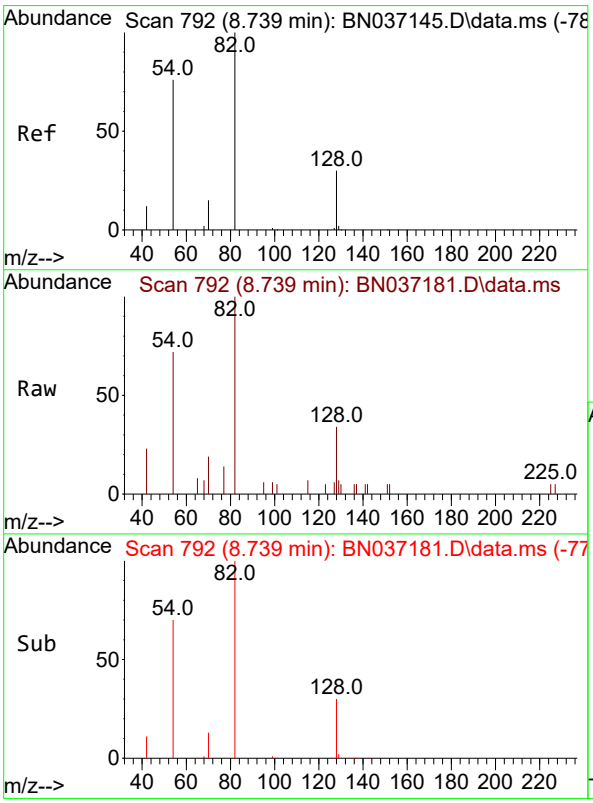
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:136 Resp: 5256

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	11.4	9.7	14.5
68	6.2	5.4	8.2

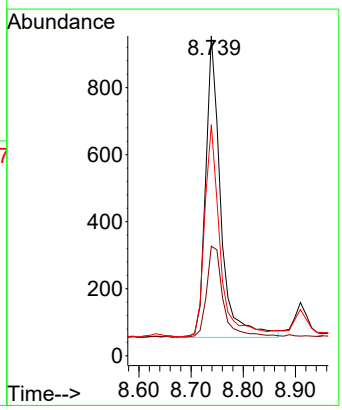


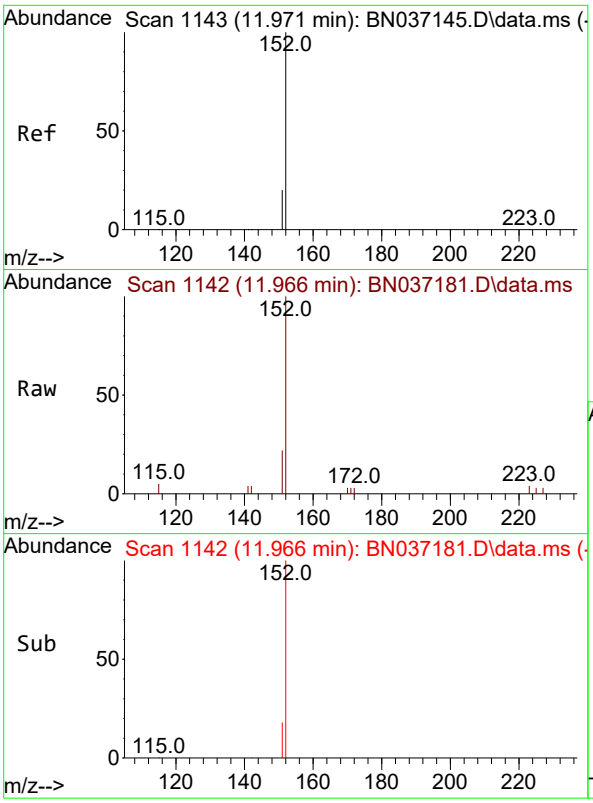


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion: 82 Resp: 1803

Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.9	40.3
54	72.2	61.4	92.2



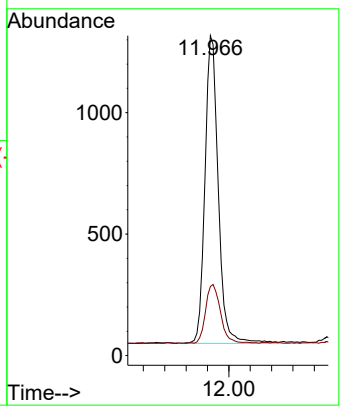


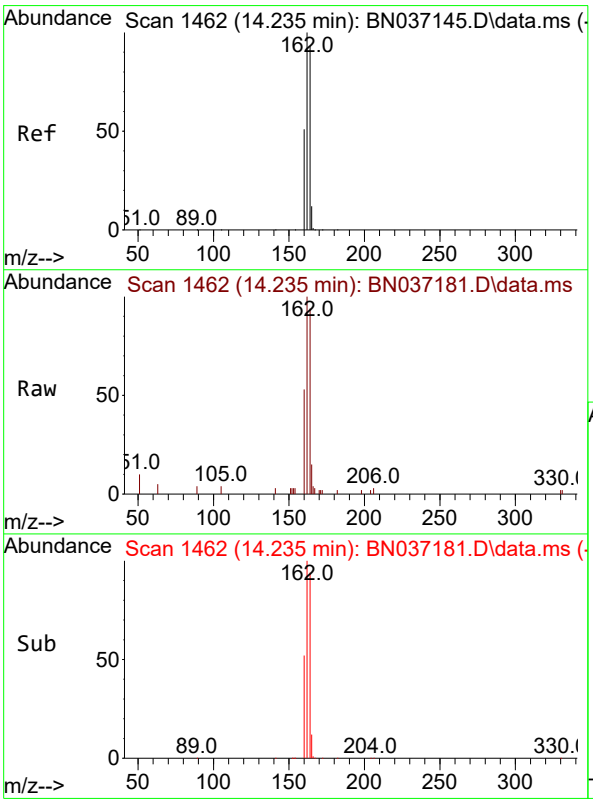
#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.966 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:152 Resp: 2201

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7

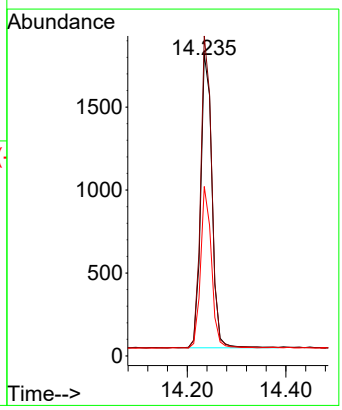


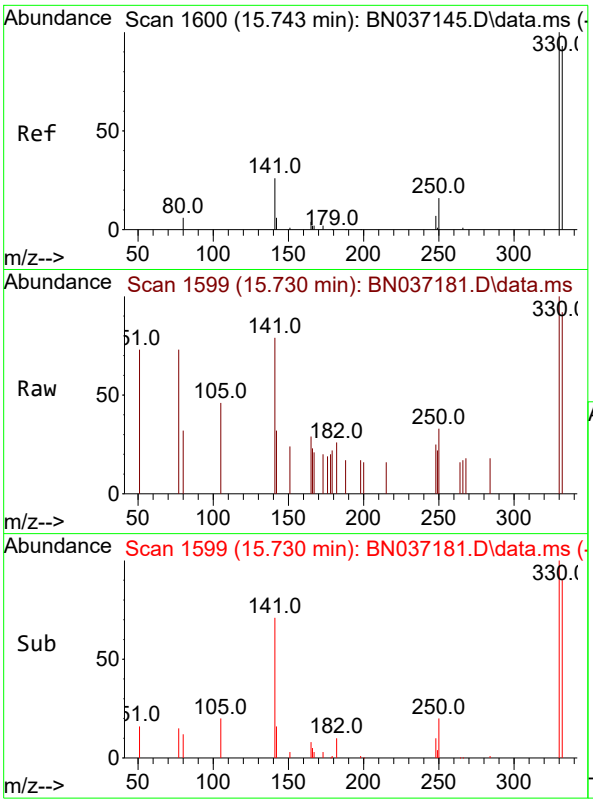


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:164 Resp: 2798

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.5	128.3
160	56.2	44.6	67.0



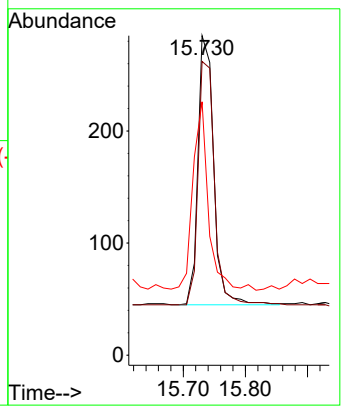


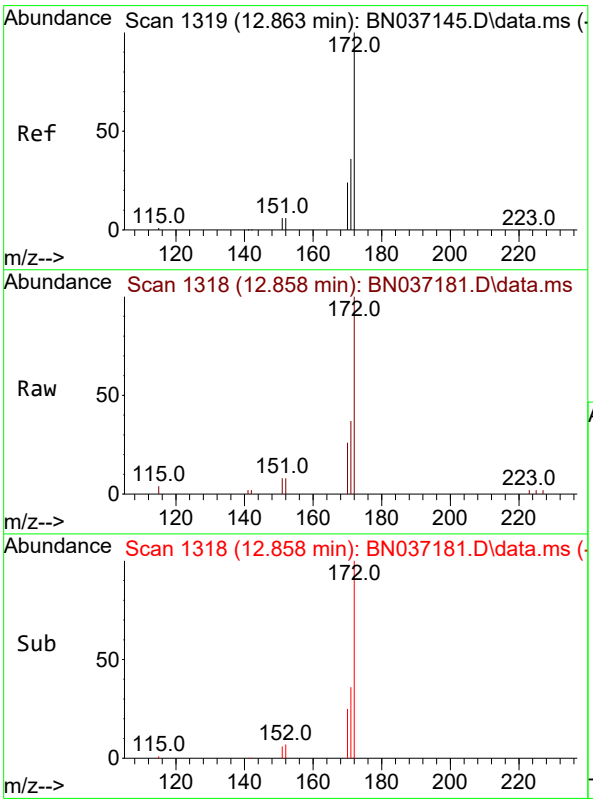
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.730 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:330 Resp: 423

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	68.6	46.4	69.6

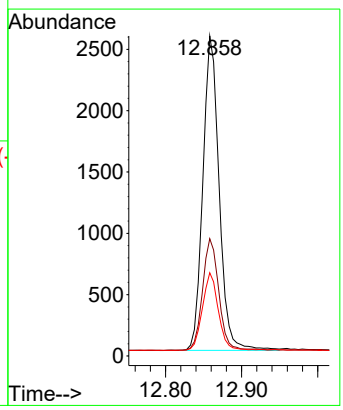


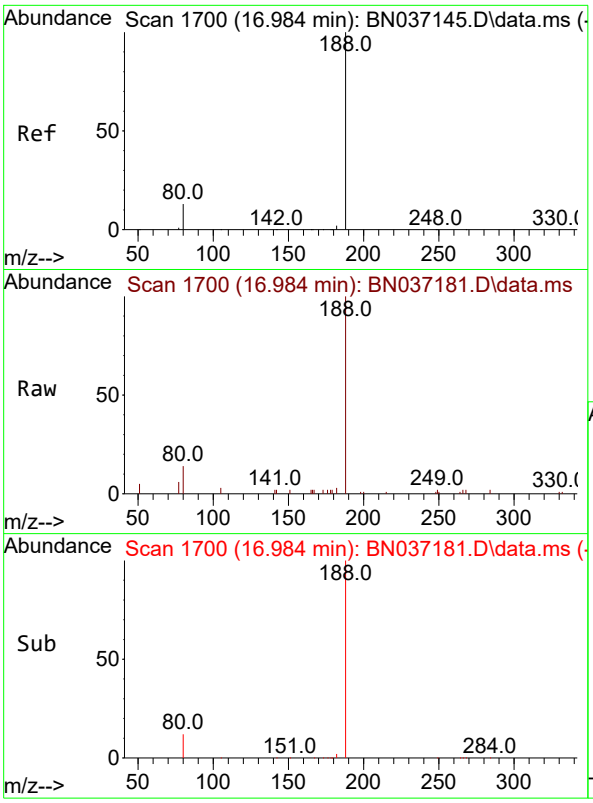


#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:172 Resp: 3823

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	26.0	20.3	30.5



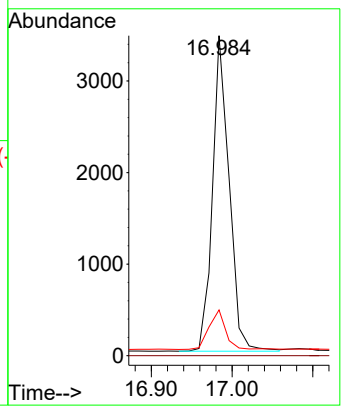


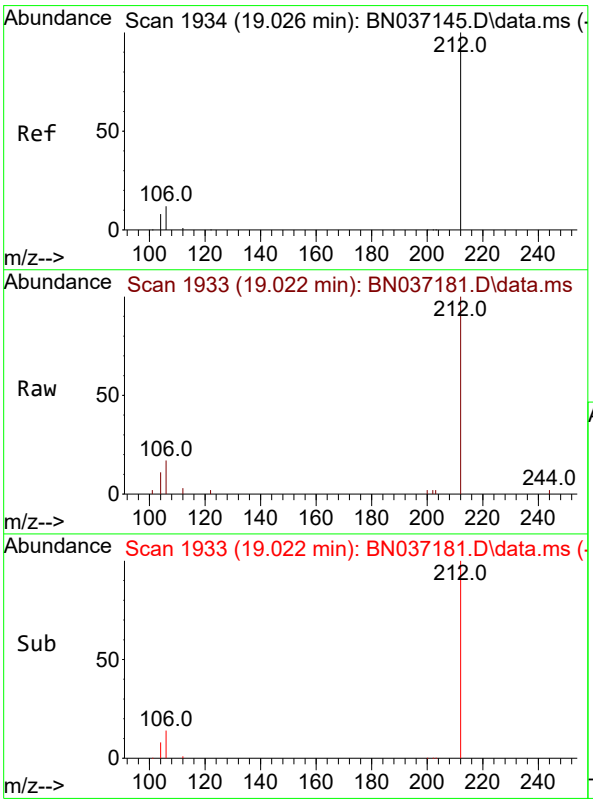
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:188 Resp: 4922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	11.3	16.9

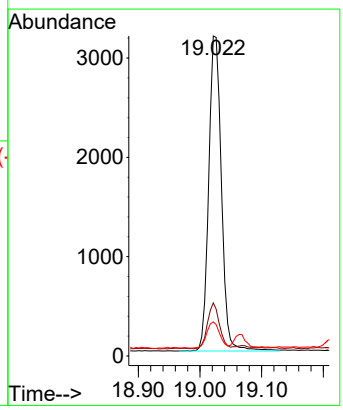


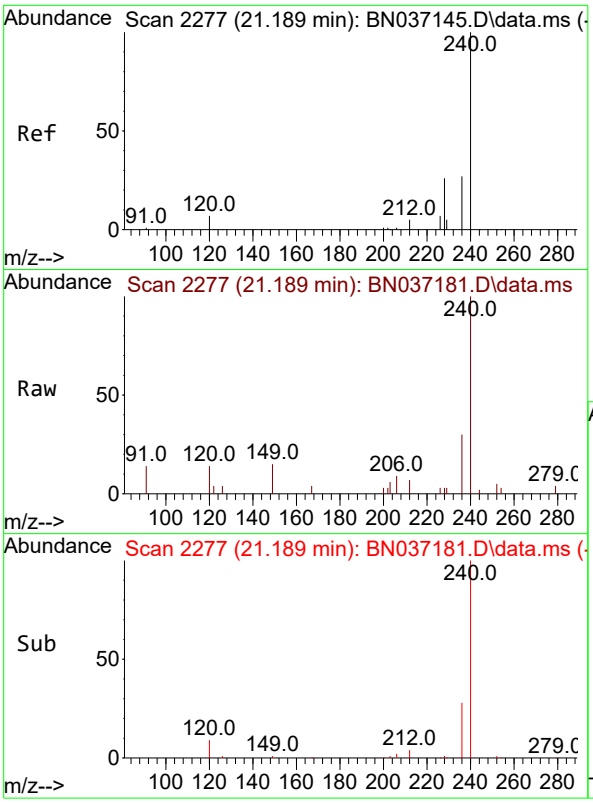


#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.022 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:212 Resp: 4519

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	8.4	6.6	9.8



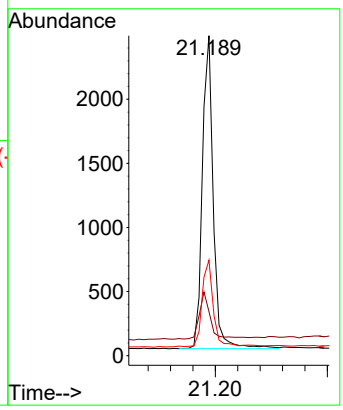


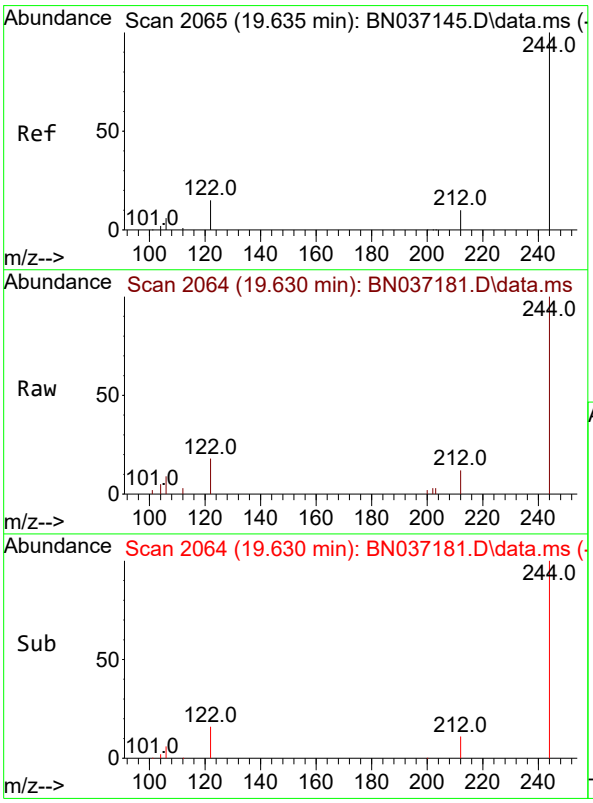
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:240 Resp: 3314

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.0	13.4#
236	29.8	23.0	34.4

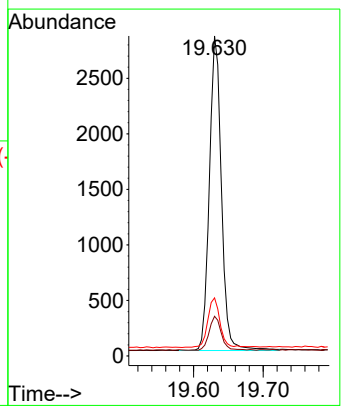


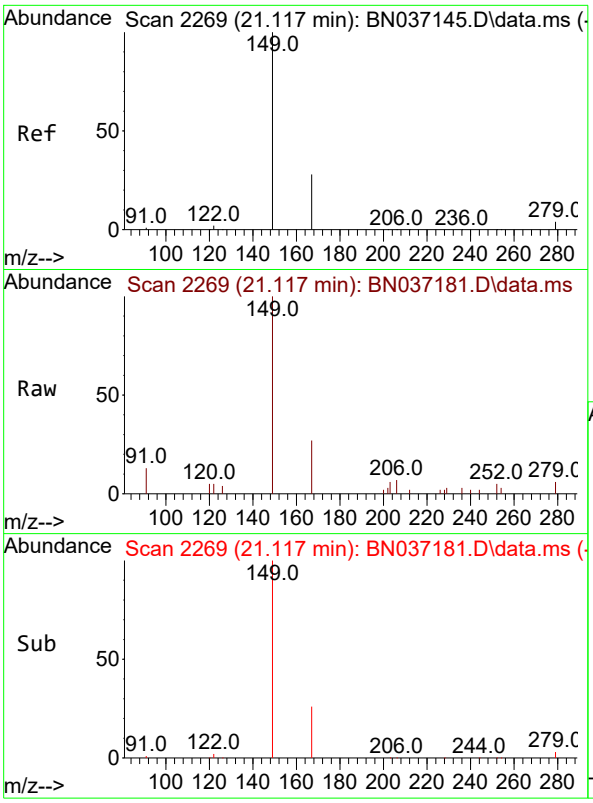


#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:244 Resp: 3411

Ion	Ratio	Lower	Upper
244	100		
212	12.4	10.0	15.0
122	18.2	13.2	19.8



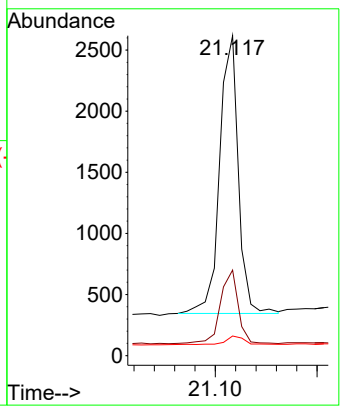


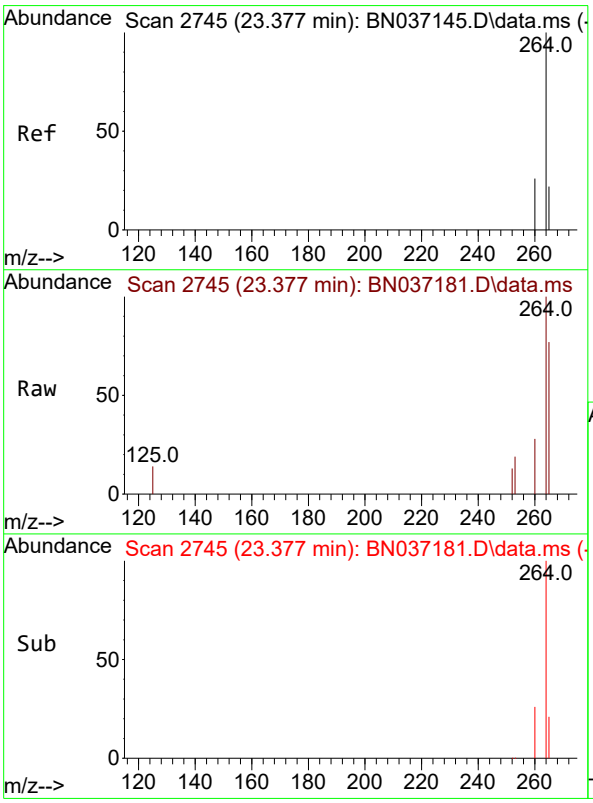
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.382 ng
RT: 21.117 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325

Tgt Ion:149 Resp: 2890

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	2.9	2.9	4.3

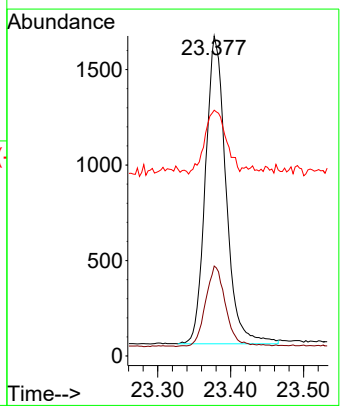




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:264 Resp: 3148

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.1	33.1
265	76.8	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037185.D
Acq On : 05 Jun 2025 18:10
Operator : RC/JU
Sample : Q2200-05DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 18:41:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

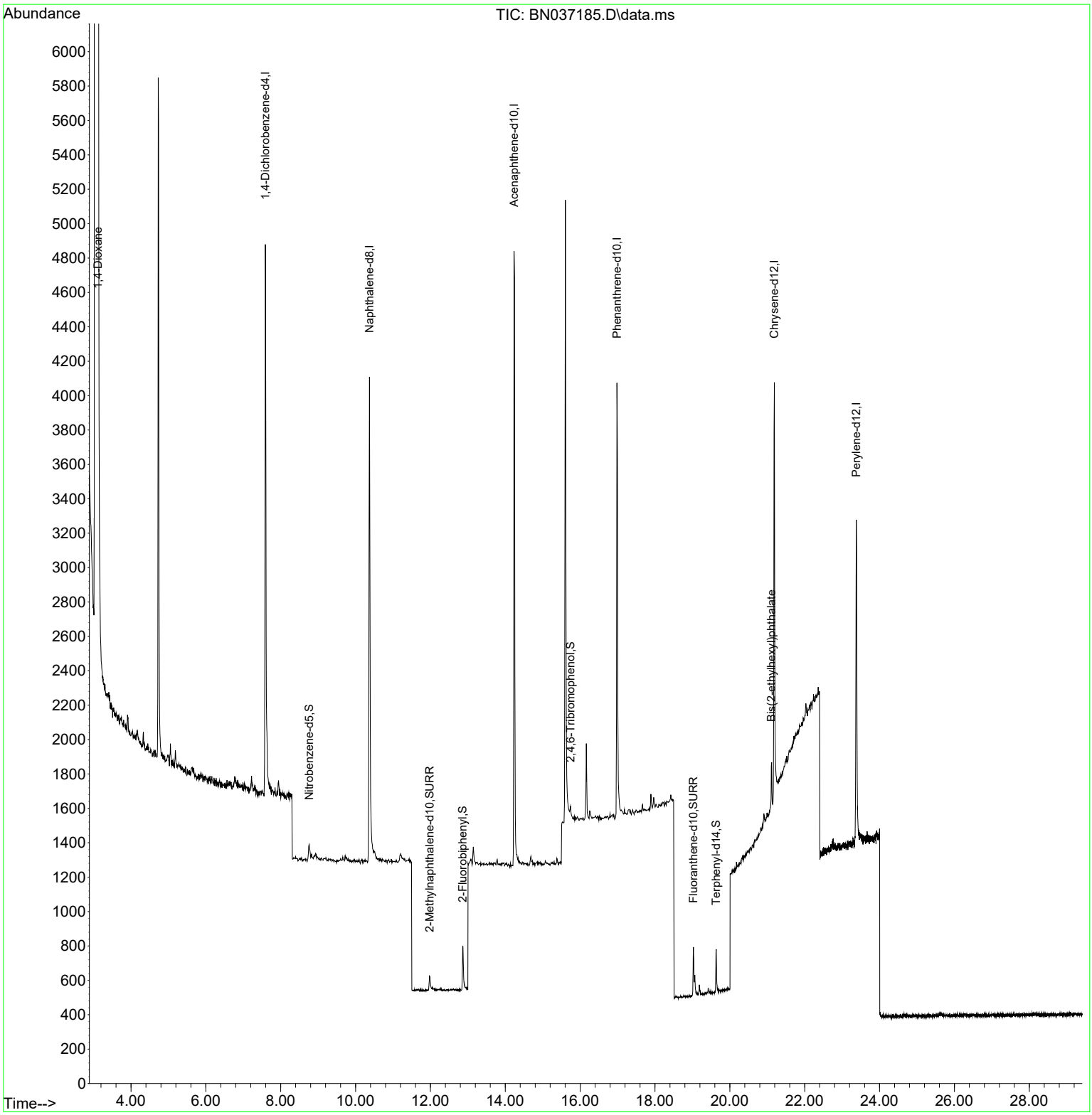
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1668	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4203	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2312	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4171	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2654	0.400	ng	0.00
35) Perylene-d12	23.377	264	2589	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	65	0.016	ng	0.00
5) Phenol-d6	6.773	99	43	0.009	ng	0.00
8) Nitrobenzene-d5	8.760	82	160	0.036	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	181	0.031	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	42	0.045	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	325	0.033	ng	0.00
27) Fluoranthene-d10	19.026	212	390	0.037	ng	0.00
31) Terphenyl-d14	19.635	244	283	0.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	5418	2.437	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	342	0.056	ng	# 88

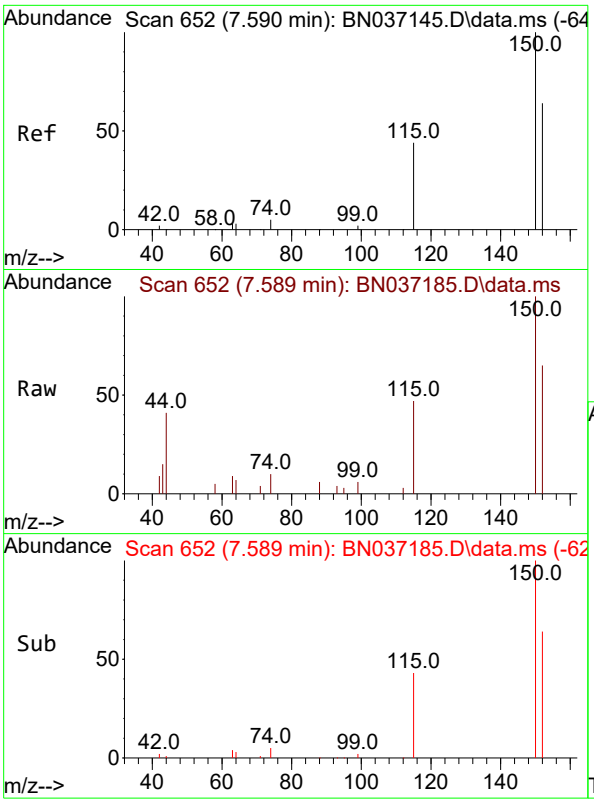
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037185.D
Acq On : 05 Jun 2025 18:10
Operator : RC/JU
Sample : Q2200-05DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Quant Time: Jun 05 18:41:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



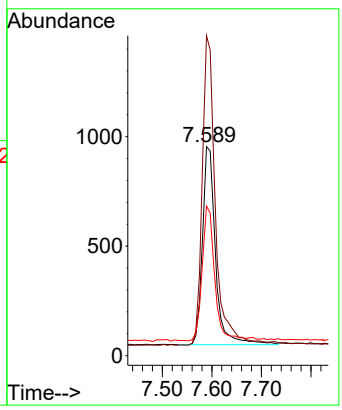


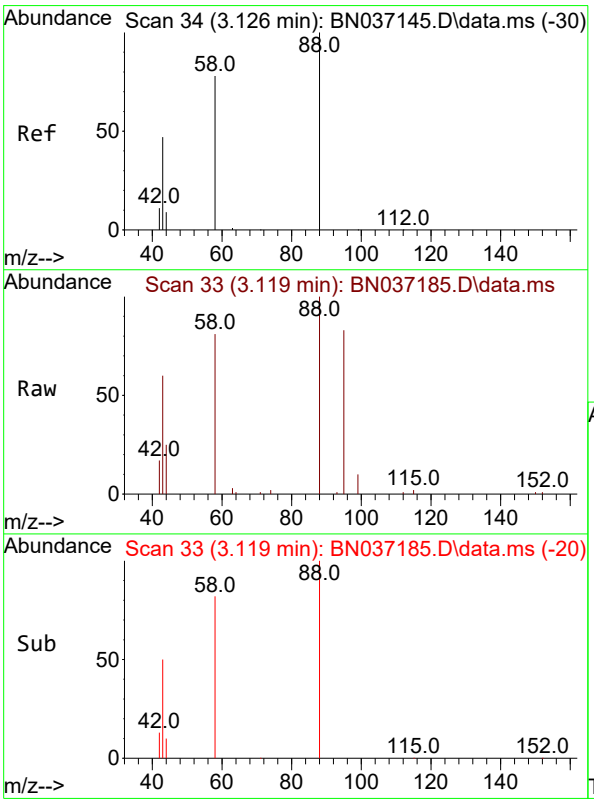
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:152 Resp: 1668

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.2	184.8
115	71.6	56.6	85.0

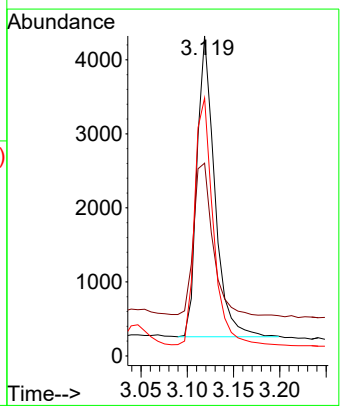


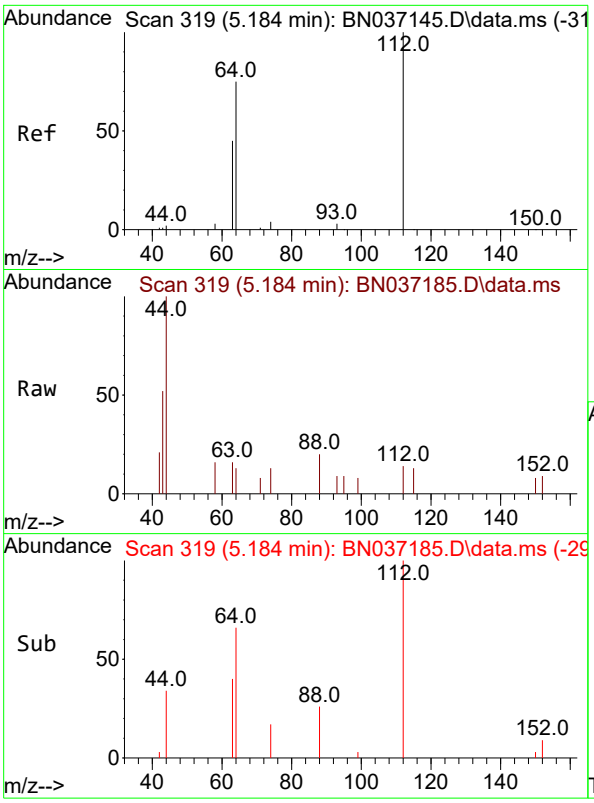


#2
1,4-Dioxane
Concen: 2.437 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 88 Resp: 5418

Ion	Ratio	Lower	Upper
88	100		
43	55.0	43.5	65.3
58	85.6	67.7	101.5



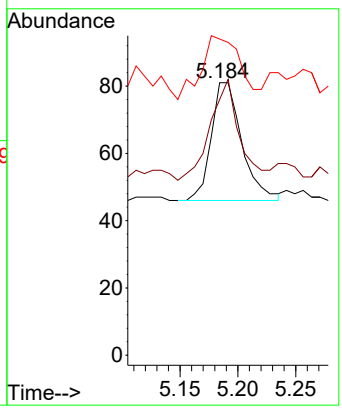


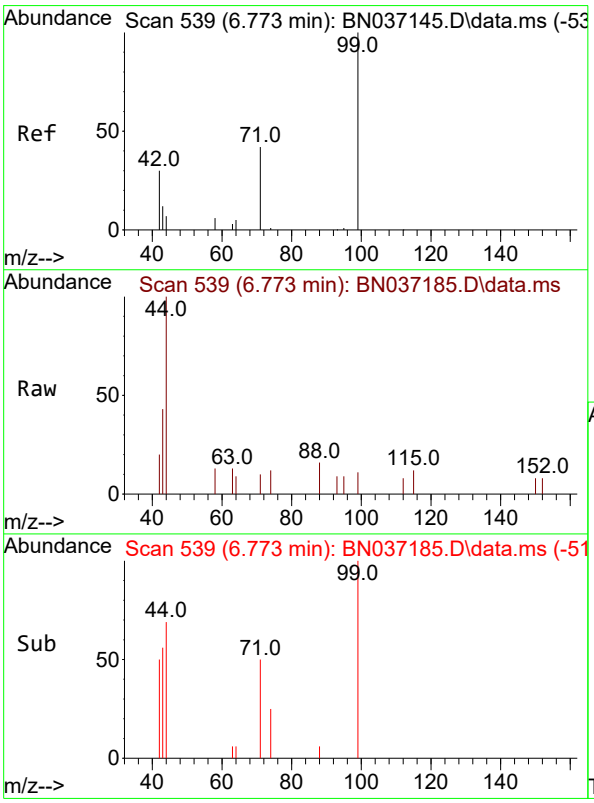
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:112 Resp: 65

Ion	Ratio	Lower	Upper
112	100		
64	78.5	56.3	84.5
63	64.6	36.2	54.4#

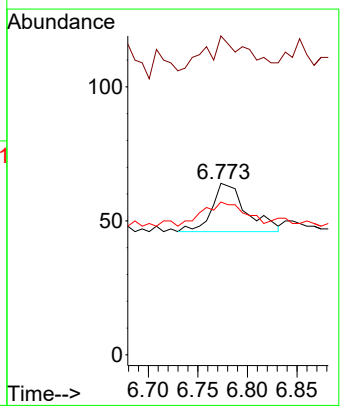


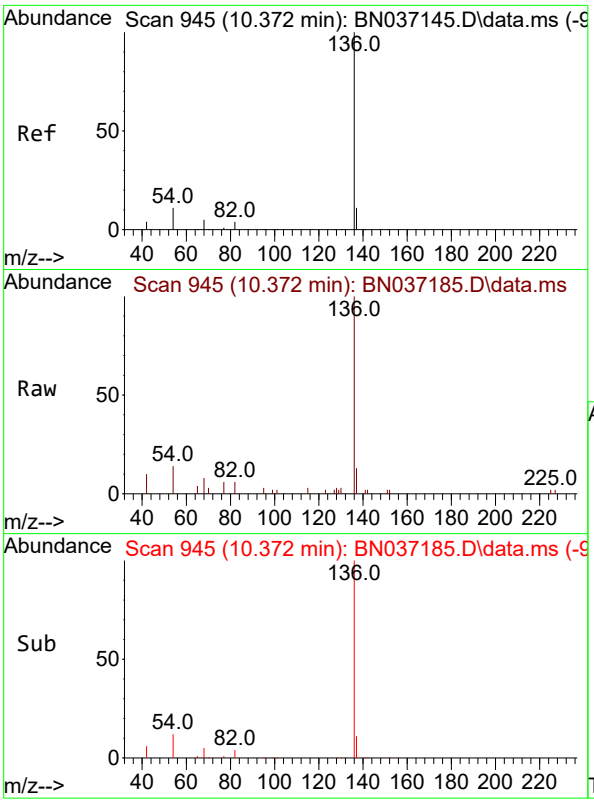


#5
Phenol-d6
Concen: 0.009 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 99 Resp: 43

Ion	Ratio	Lower	Upper
99	100		
42	83.7	31.3	46.9#
71	67.4	38.2	57.2#



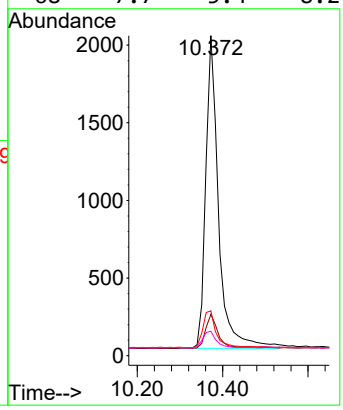


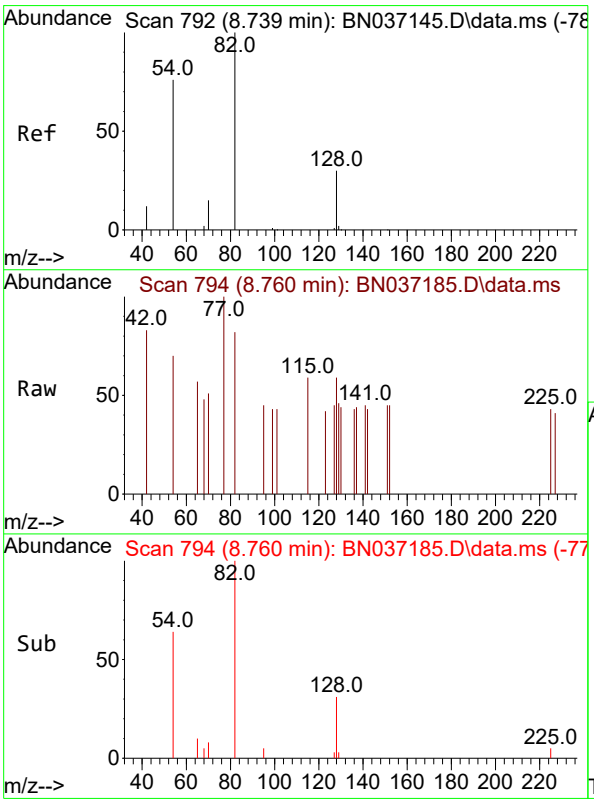
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:136 Resp: 4203

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	14.0	9.7	14.5
68	7.7	5.4	8.2

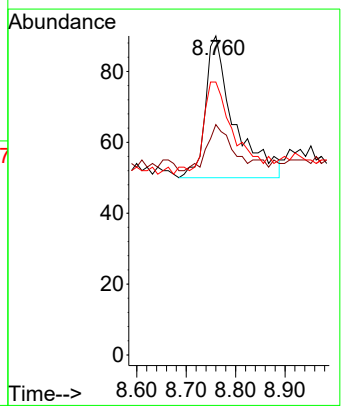


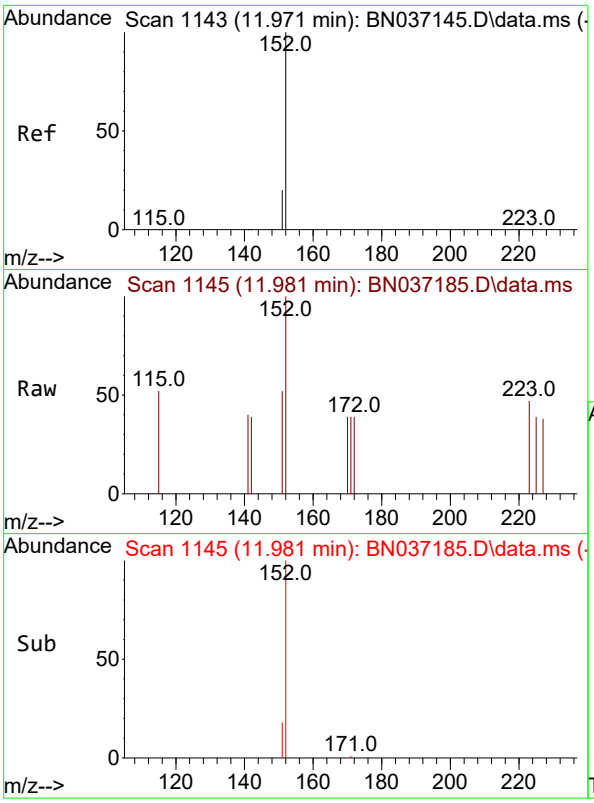


#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.021 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 82 Resp: 160

Ion	Ratio	Lower	Upper
82	100		
128	72.2	26.9	40.3#
54	85.6	61.4	92.2



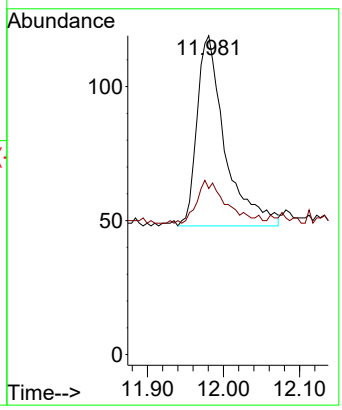


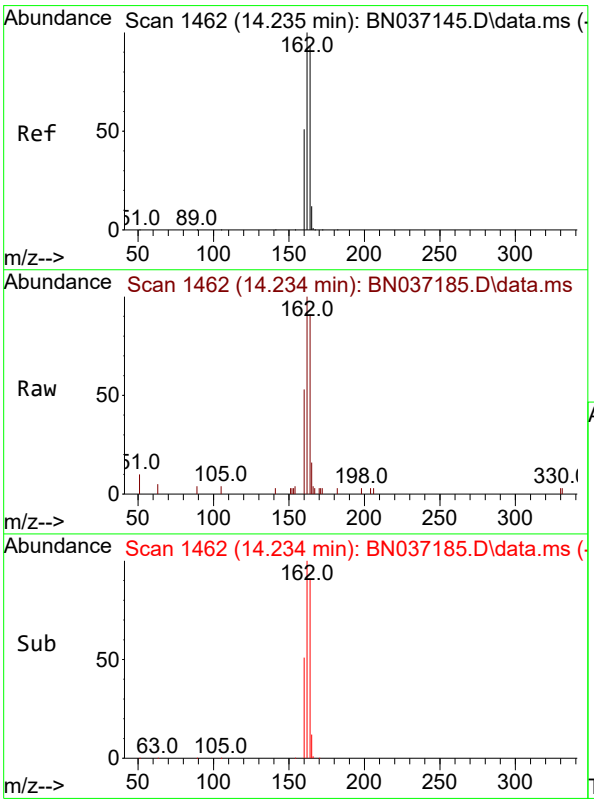
#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 11.981 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:152 Resp: 181

Ion	Ratio	Lower	Upper
152	100		
151	25.4	17.1	25.7

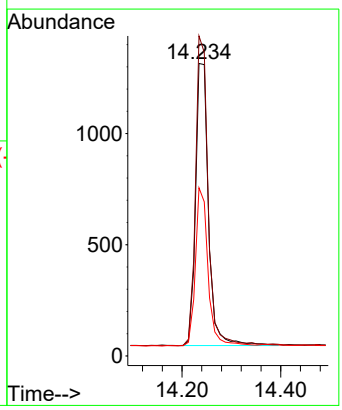


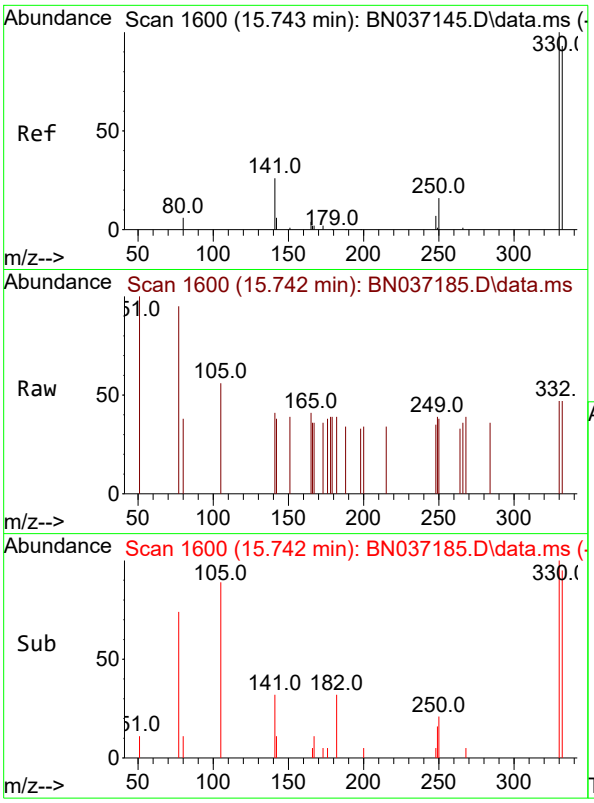


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:164 Resp: 2312

Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.5	128.3
160	57.5	44.6	67.0



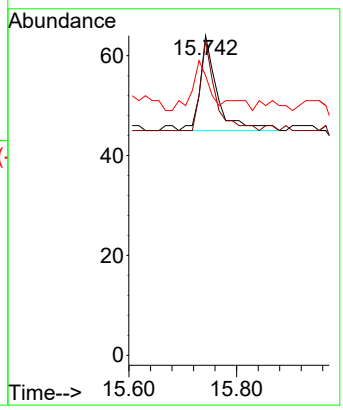


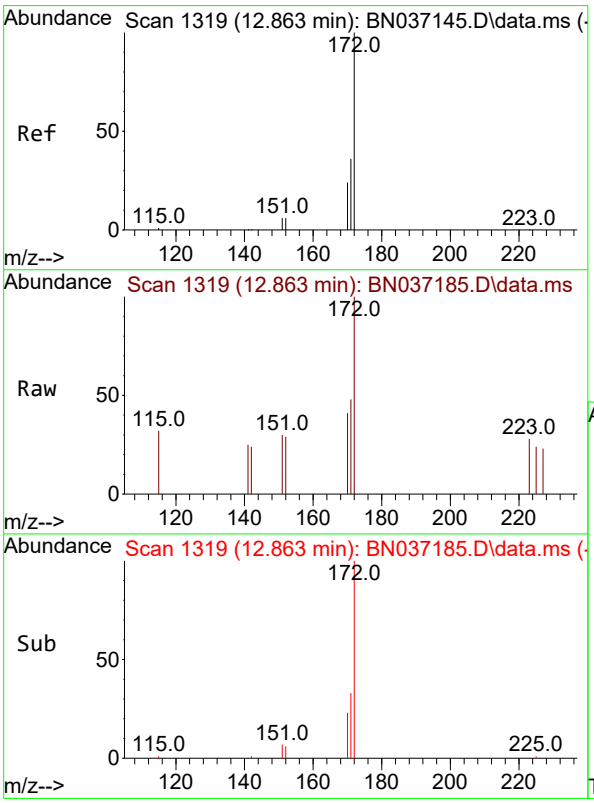
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:330 Resp: 42

Ion	Ratio	Lower	Upper
330	100		
332	81.0	77.1	115.7
141	50.0	46.4	69.6

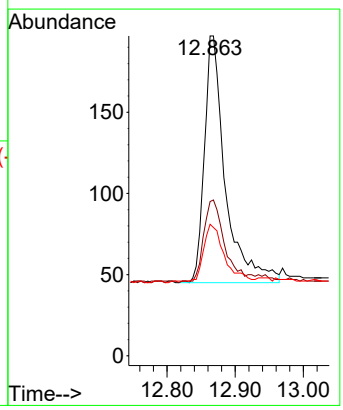


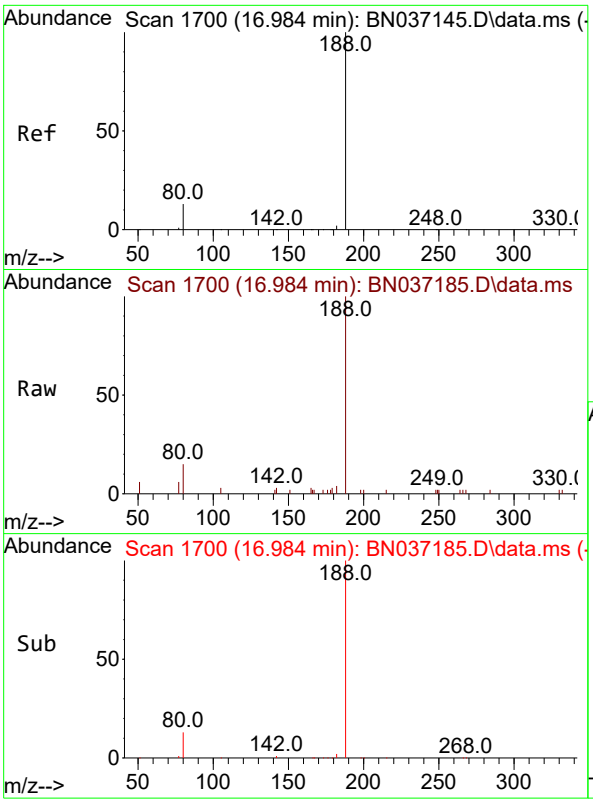


#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.863 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:172 Resp: 325

Ion	Ratio	Lower	Upper
172	100		
171	48.2	29.6	44.4#
170	41.1	20.3	30.5#



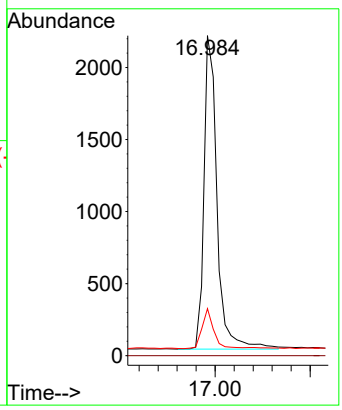


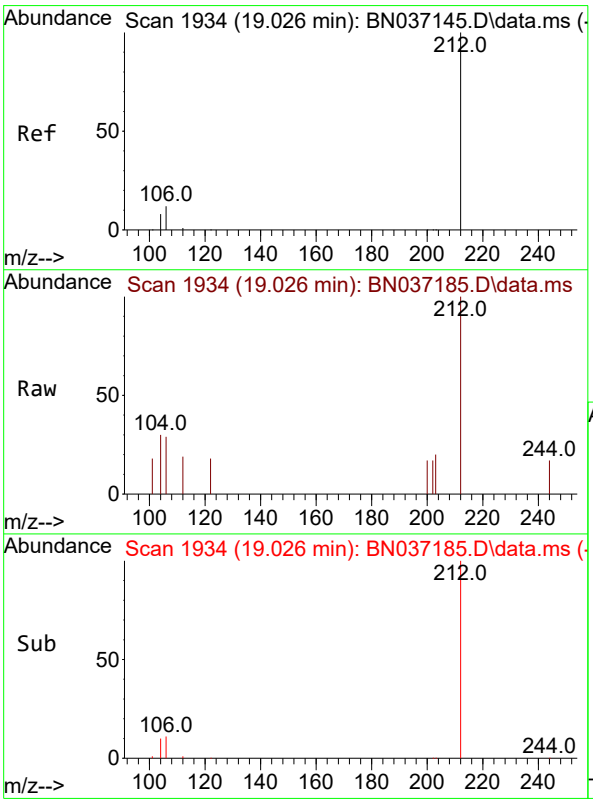
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:188 Resp: 4171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	11.3	16.9

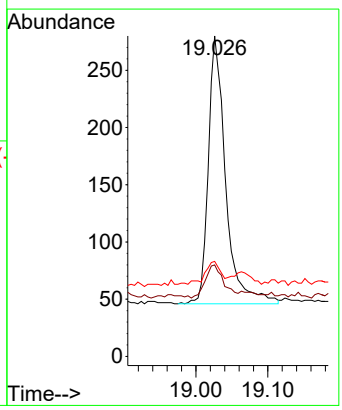


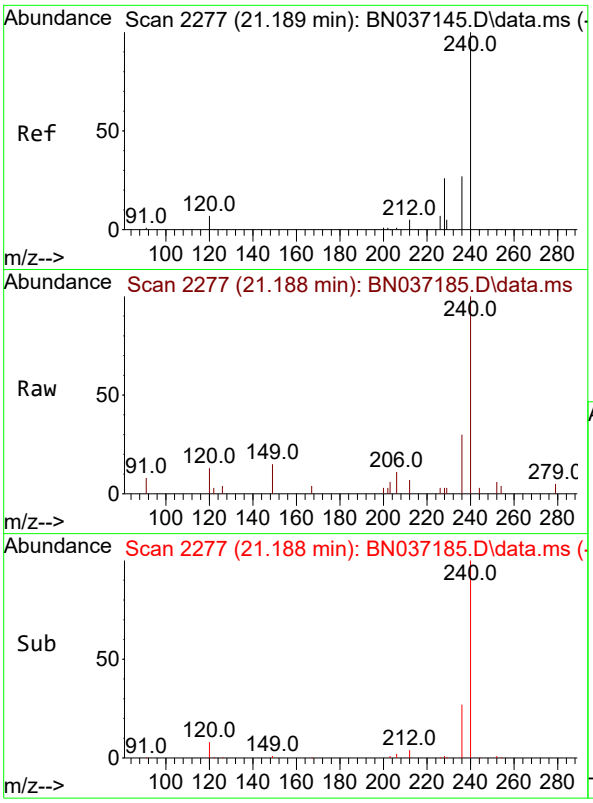


#27
Fluoranthene-d10
Concen: 0.037 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:212 Resp: 390

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	8.5	6.6	9.8



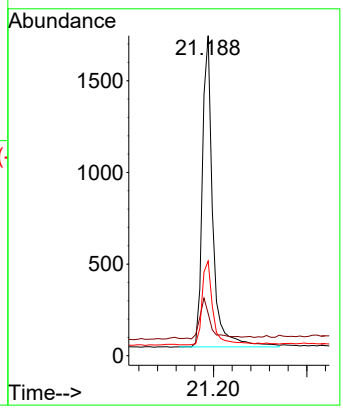


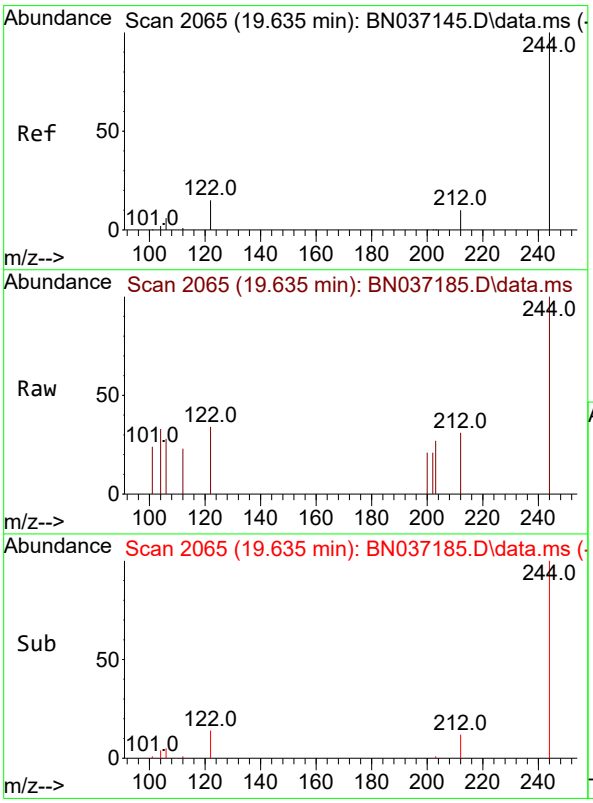
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:240 Resp: 2654

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	29.6	23.0	34.4

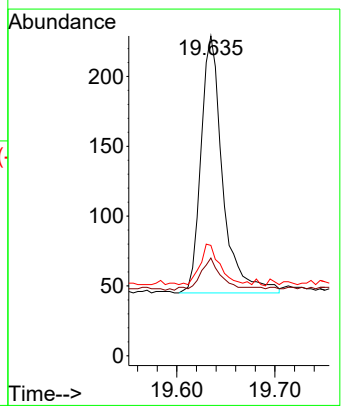


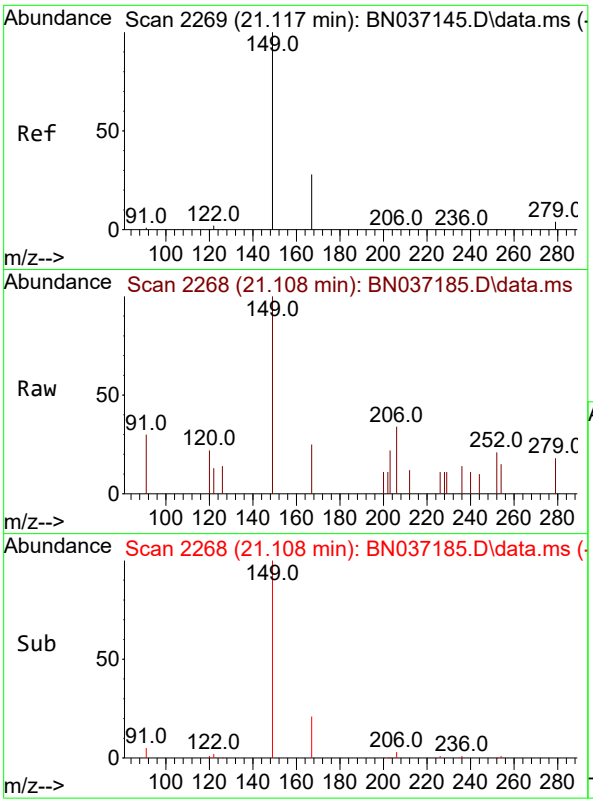


#31
Terphenyl-d14
Concen: 0.045 ng
RT: 19.635 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:244 Resp: 283

Ion	Ratio	Lower	Upper
244	100		
212	30.6	10.0	15.0#
122	34.5	13.2	19.8#



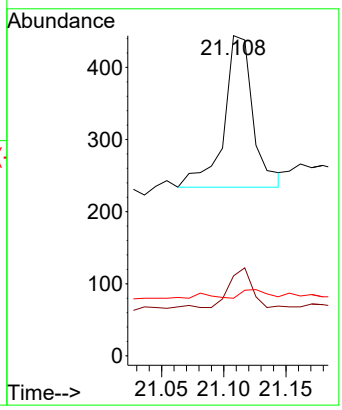


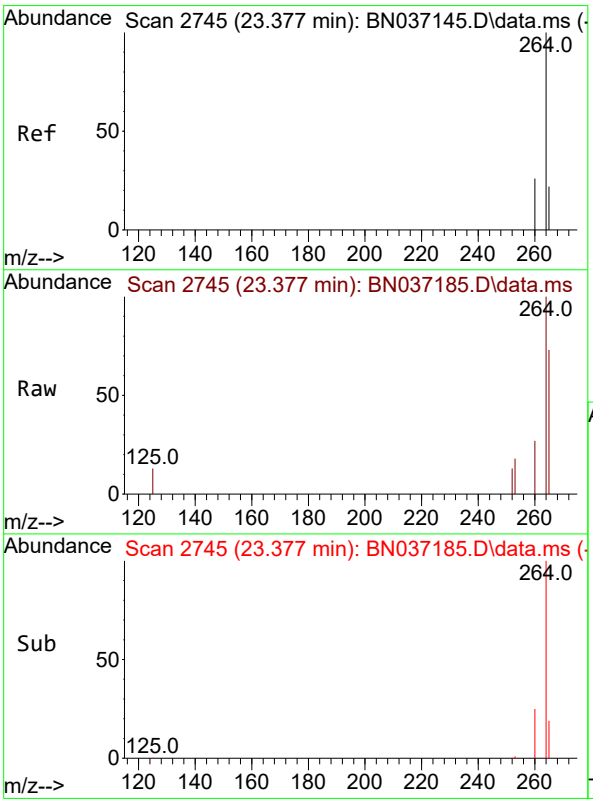
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:149 Resp: 342

Ion	Ratio	Lower	Upper
149	100		
167	19.3	21.0	31.4#
279	5.0	2.9	4.3#

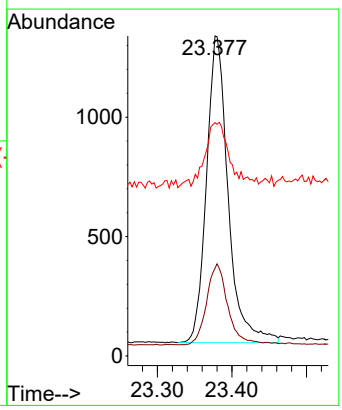




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:264 Resp: 2589

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.1	33.1
265	72.9	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037173.D
Acq On : 05 Jun 2025 10:19
Operator : RC/JU
Sample : PB168286BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Quant Time: Jun 05 11:16:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

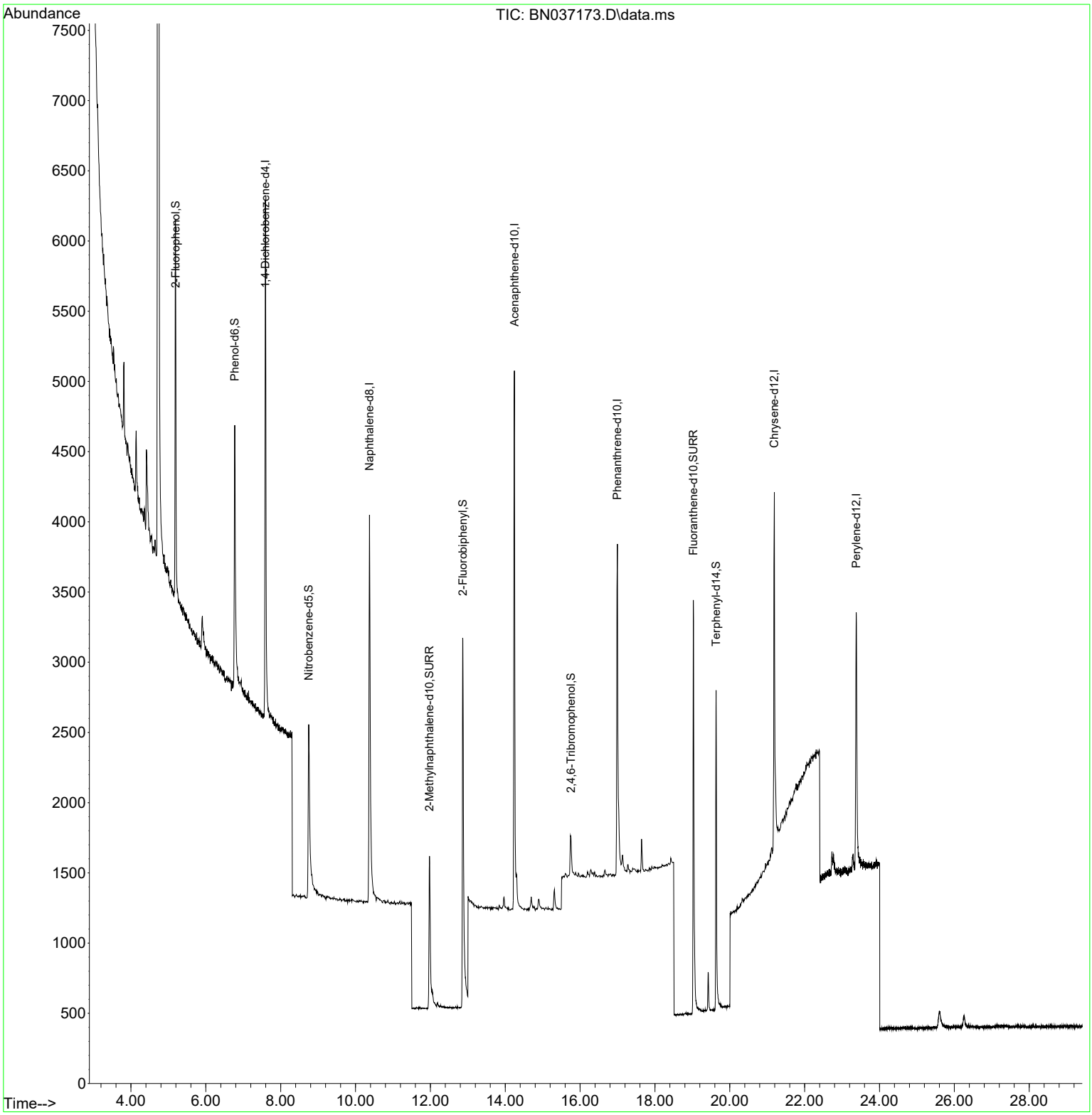
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1976	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4795	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2582	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	4632	0.400	ng	0.01
29) Chrysene-d12	21.188	240	2959	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2002	0.410	ng	0.00
5) Phenol-d6	6.773	99	2088	0.353	ng	0.00
8) Nitrobenzene-d5	8.749	82	1701	0.336	ng	0.01
11) 2-Methylnaphthalene-d10	11.976	152	2368	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	282	0.271	ng	0.01
15) 2-Fluorobiphenyl	12.868	172	4015	0.365	ng	0.00
27) Fluoranthene-d10	19.026	212	4015	0.341	ng	0.00
31) Terphenyl-d14	19.635	244	2721	0.391	ng	0.00
Target Compounds						Qvalue

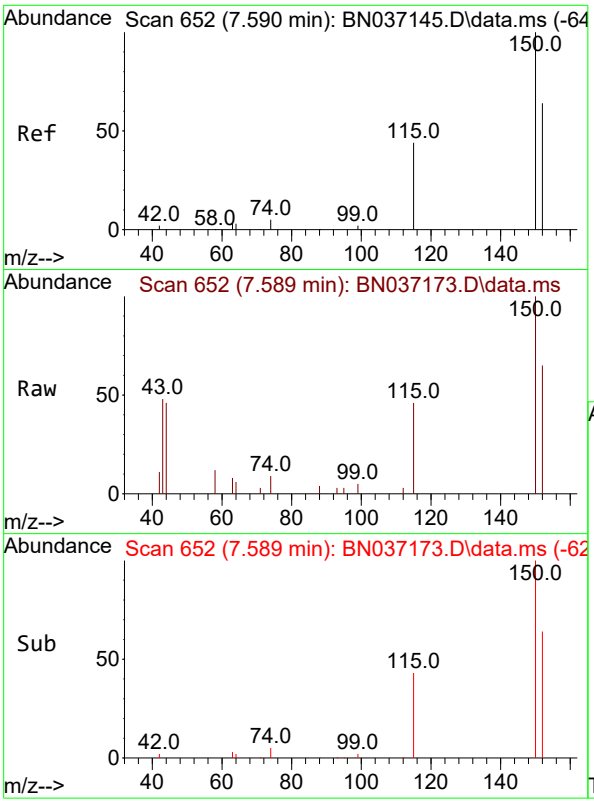
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037173.D
Acq On : 05 Jun 2025 10:19
Operator : RC/JU
Sample : PB168286BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Quant Time: Jun 05 11:16:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



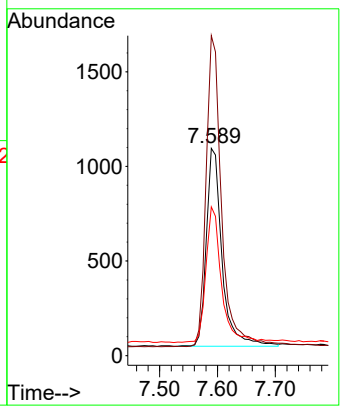


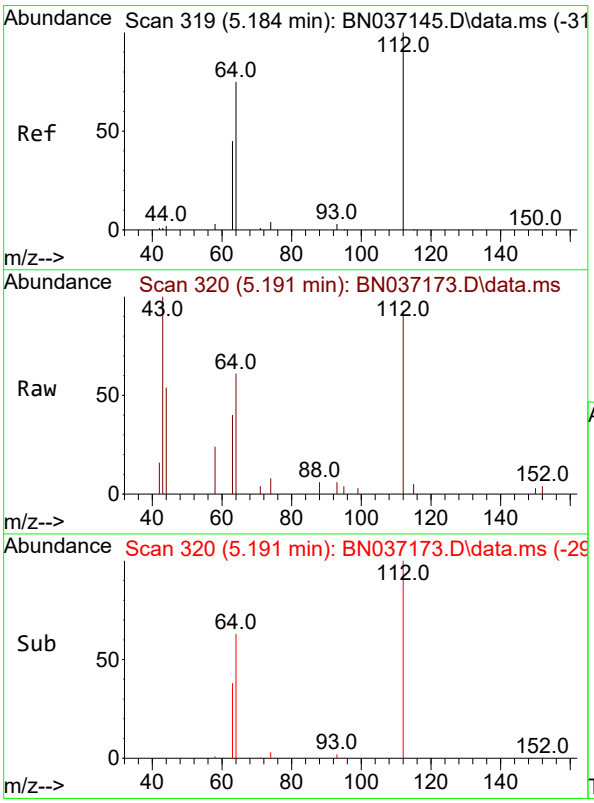
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion:152 Resp: 1976

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.2	184.8
115	71.7	56.6	85.0

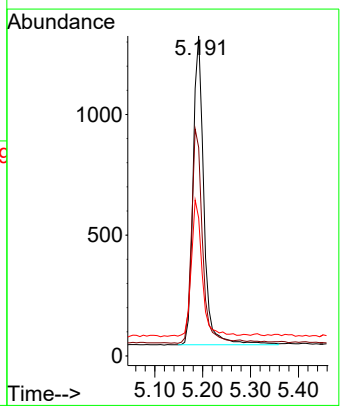


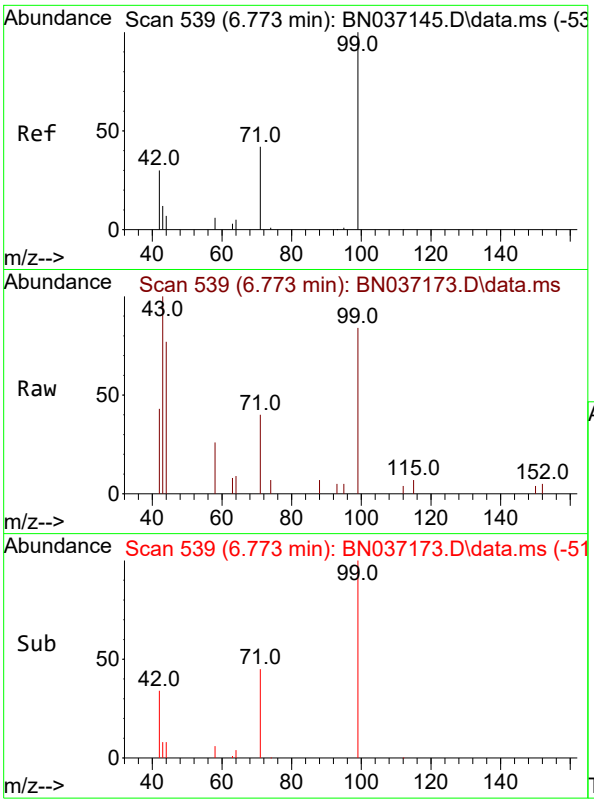


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:112 Resp: 2002

Ion	Ratio	Lower	Upper
112	100		
64	69.5	56.3	84.5
63	45.3	36.2	54.4



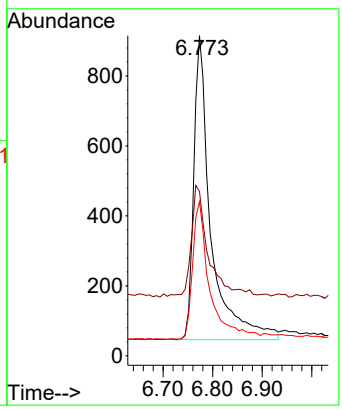


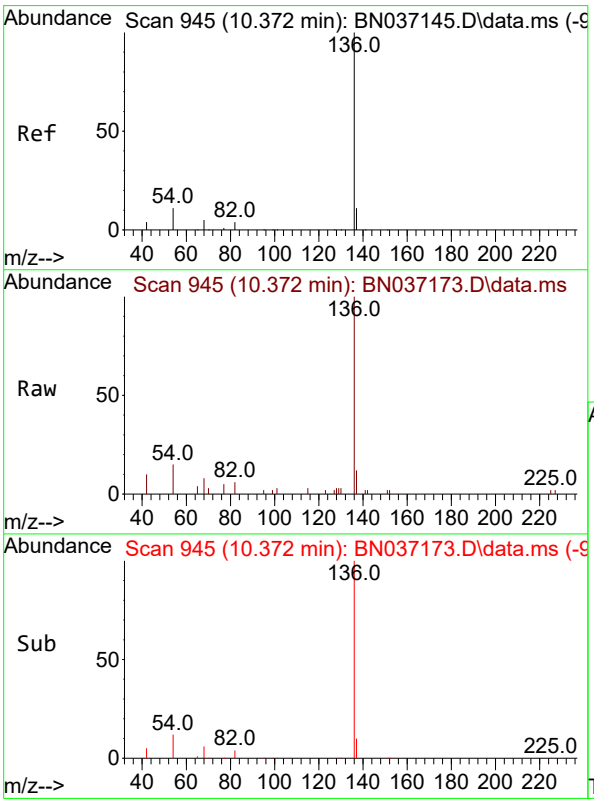
#5
Phenol-d6
Concen: 0.353 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion: 99 Resp: 2088

Ion	Ratio	Lower	Upper
99	100		
42	35.9	31.3	46.9
71	45.3	38.2	57.2

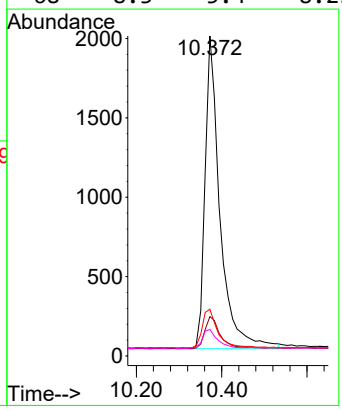


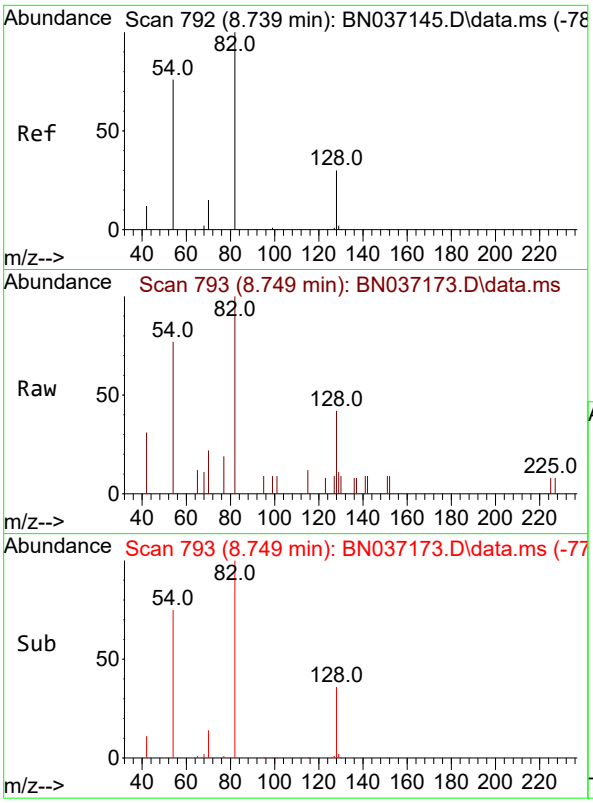


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:136 Resp: 4795

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	14.6	9.7	14.5#
68	8.3	5.4	8.2#



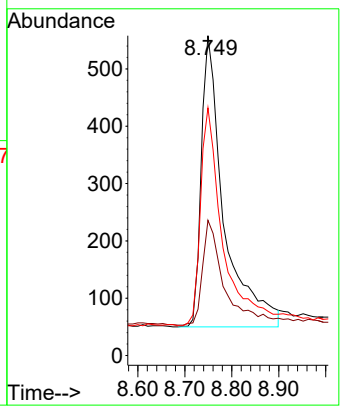


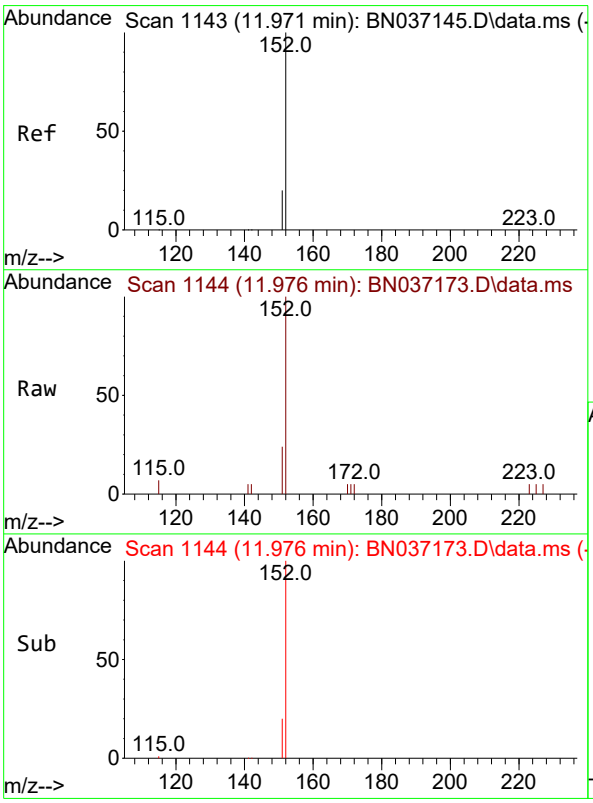
#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.010 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion: 82 Resp: 1701

Ion	Ratio	Lower	Upper
82	100		
128	42.3	26.9	40.3#
54	77.4	61.4	92.2

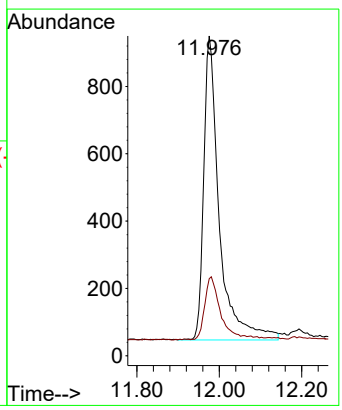


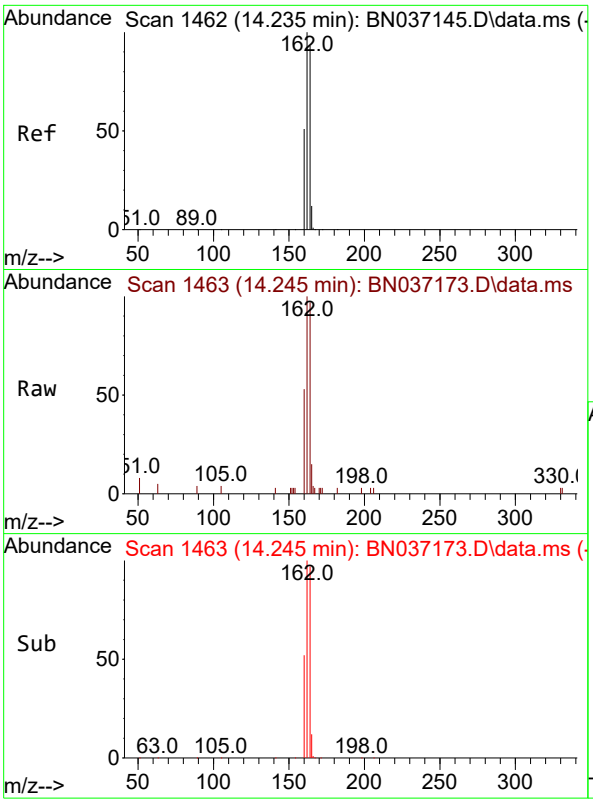


#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.976 min Scan# 1144
Delta R.T. 0.005 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:152 Resp: 2368

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7



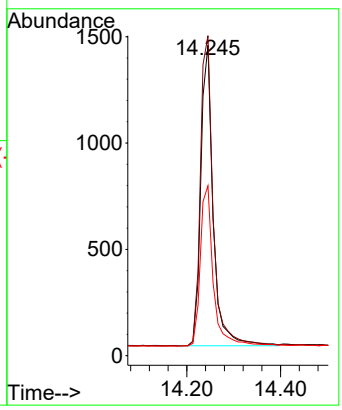


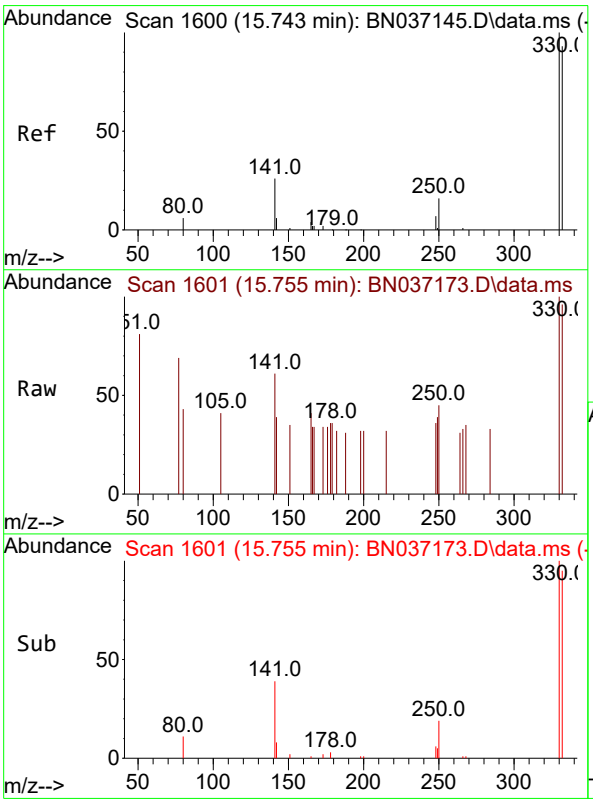
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion:164 Resp: 2582

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.5	128.3
160	54.7	44.6	67.0

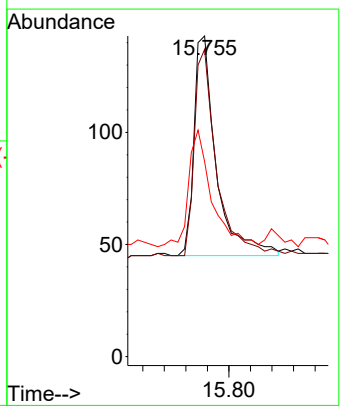


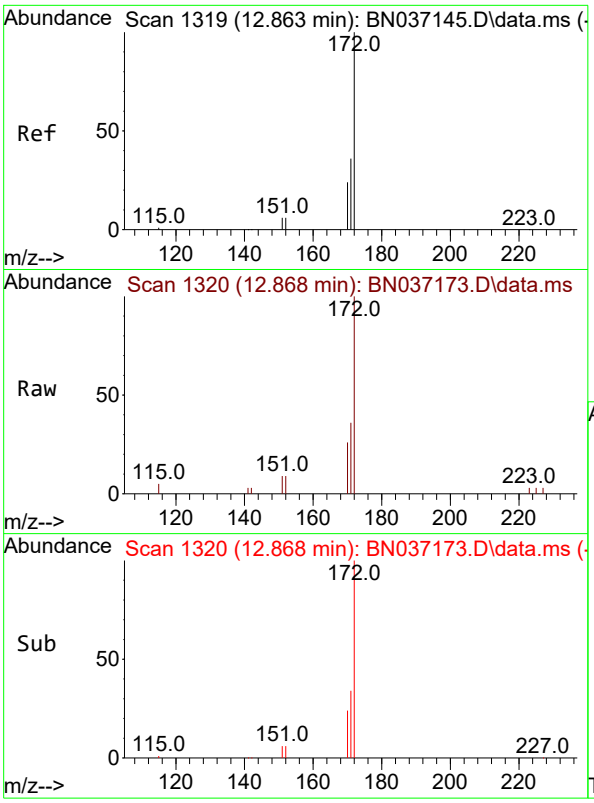


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:330 Resp: 282

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.1	115.7
141	55.3	46.4	69.6



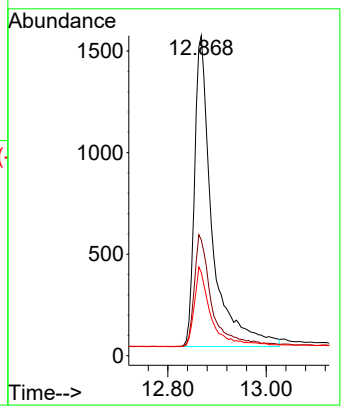


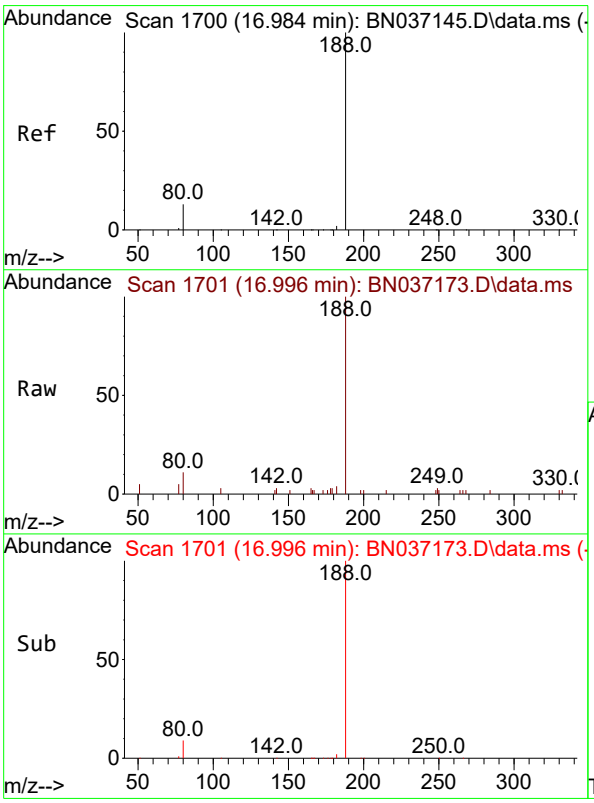
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion:172 Resp: 4015

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	26.1	20.3	30.5

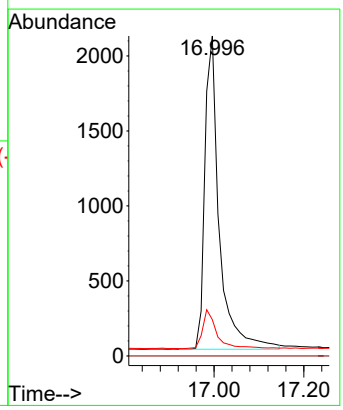


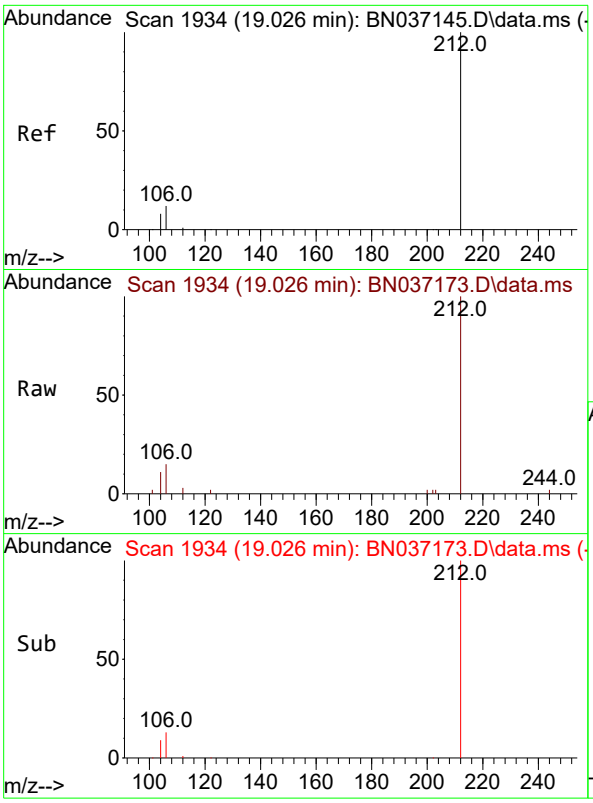


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:188 Resp: 4632

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.3	16.9



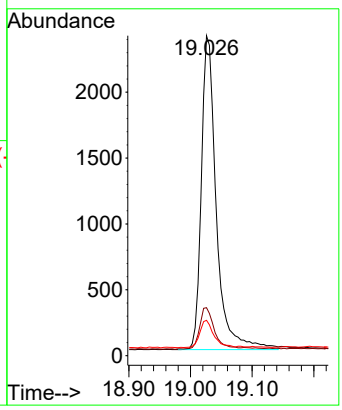


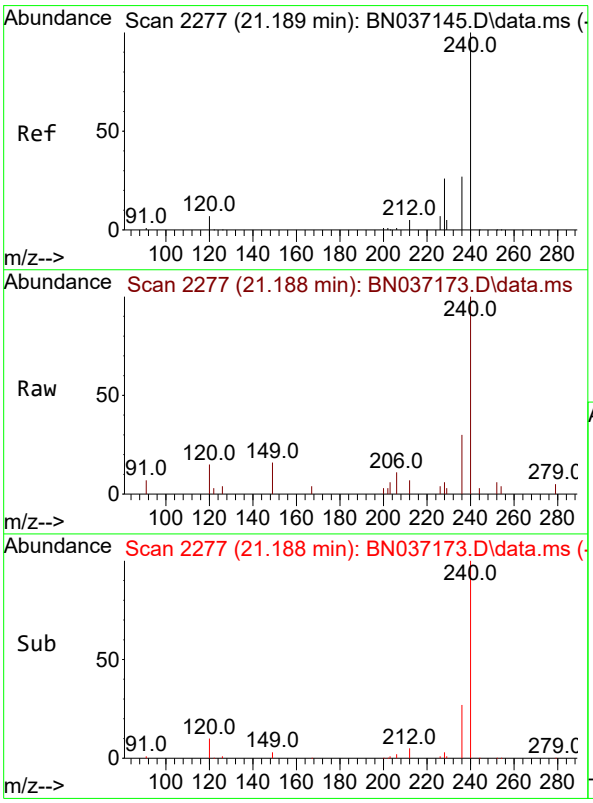
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion:212 Resp: 4015

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	8.2	6.6	9.8

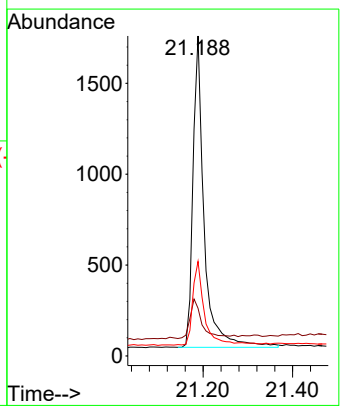


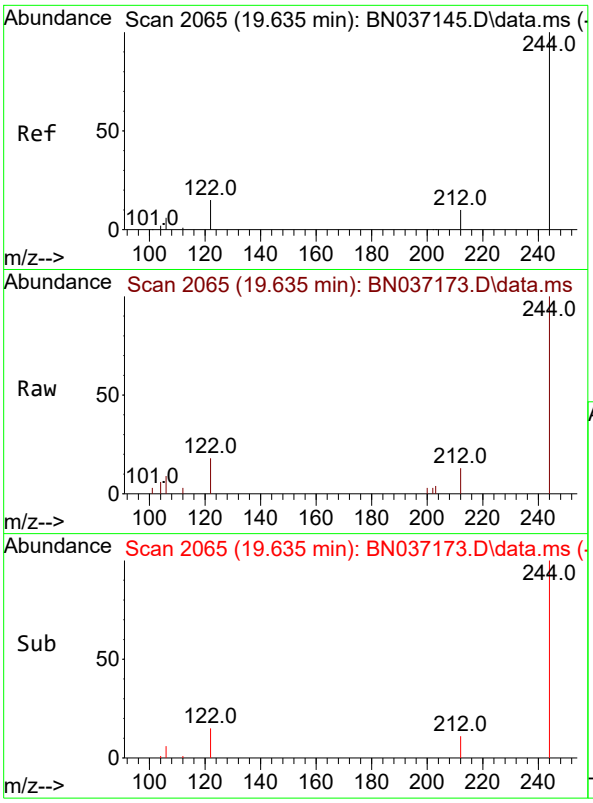


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:240 Resp: 2959

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.0	13.4#
236	29.5	23.0	34.4



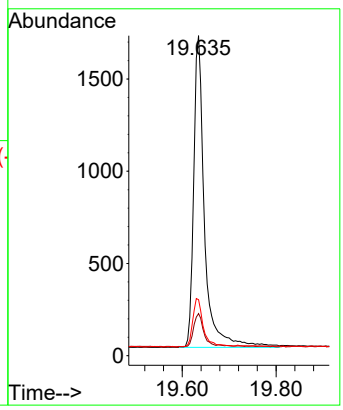


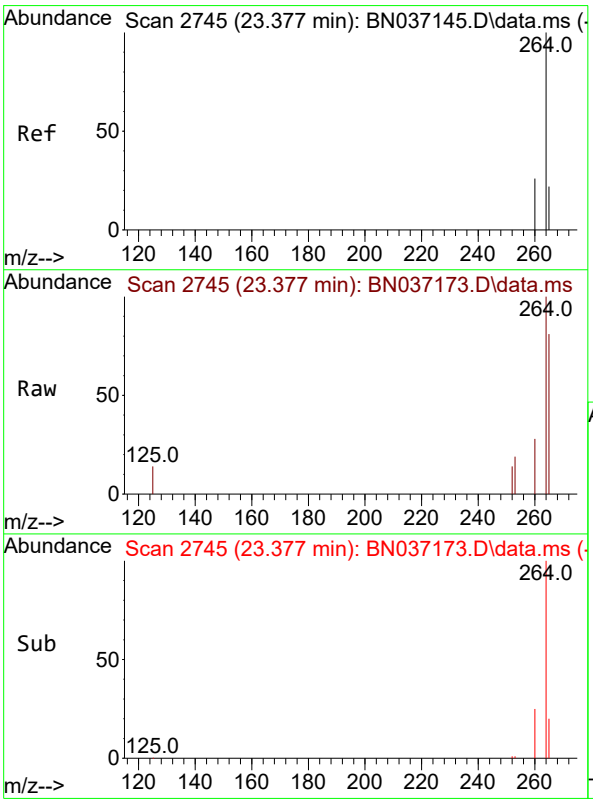
#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :
PB168286BL

Tgt Ion:244 Resp: 2721

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.0	15.0
122	17.5	13.2	19.8

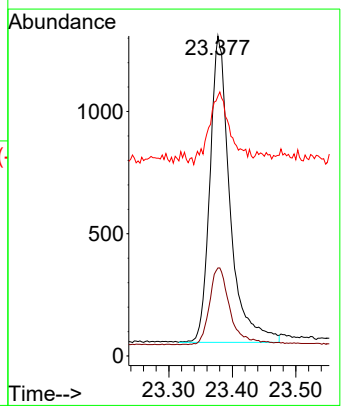




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:264 Resp: 2743

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.1	33.1
265	81.2	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037182.D
Acq On : 05 Jun 2025 16:21
Operator : RC/JU
Sample : PB168286BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 05 17:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168286BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2072	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5107	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2443	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4074	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2362	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2229	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1880	0.367	ng	0.00
5) Phenol-d6	6.773	99	2231	0.359	ng	0.00
8) Nitrobenzene-d5	8.739	82	1885	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2741m	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	300	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3936	0.378	ng	0.00
27) Fluoranthene-d10	19.026	212	3150	0.304	ng	0.00
31) Terphenyl-d14	19.635	244	2031	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	1103	0.399	ng	# 23
3) n-Nitrosodimethylamine	3.429	42	2040	0.368	ng	99
6) bis(2-Chloroethyl)ether	7.026	93	2012	0.340	ng	95
9) Naphthalene	10.415	128	4997	0.339	ng	100
10) Hexachlorobutadiene	10.714	225	1165	0.363	ng	# 100
12) 2-Methylnaphthalene	12.042	142	2842	0.301	ng	98
16) Acenaphthylene	13.957	152	4682	0.391	ng	100
17) Acenaphthene	14.299	154	2768	0.356	ng	99
18) Fluorene	15.293	166	3450	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.389	198	298	0.524	ng	# 67
21) 4-Bromophenyl-phenylether	16.189	248	963	0.361	ng	98
22) Hexachlorobenzene	16.301	284	1084	0.376	ng	98
23) Atrazine	16.462	200	769	0.349	ng	99
24) Pentachlorophenol	16.649	266	556	0.537	ng	99
25) Phenanthrene	17.033	178	4685	0.355	ng	99
26) Anthracene	17.120	178	4323	0.359	ng	99
28) Fluoranthene	19.054	202	4321	0.296	ng	99
30) Pyrene	19.421	202	4321	0.375	ng	100
32) Benzo(a)anthracene	21.171	228	3133	0.366	ng	98
33) Chrysene	21.224	228	3555	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.117	149	1853	0.343	ng	99
36) Indeno(1,2,3-cd)pyrene	25.579	276	3777	0.426	ng	99
37) Benzo(b)fluoranthene	22.725	252	3171	0.352	ng	92
38) Benzo(k)fluoranthene	22.769	252	3407	0.371	ng	93
39) Benzo(a)pyrene	23.284	252	2920	0.387	ng	95
40) Dibenzo(a,h)anthracene	25.590	278	2933	0.429	ng	97
41) Benzo(g,h,i)perylene	26.248	276	3292	0.419	ng	99

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

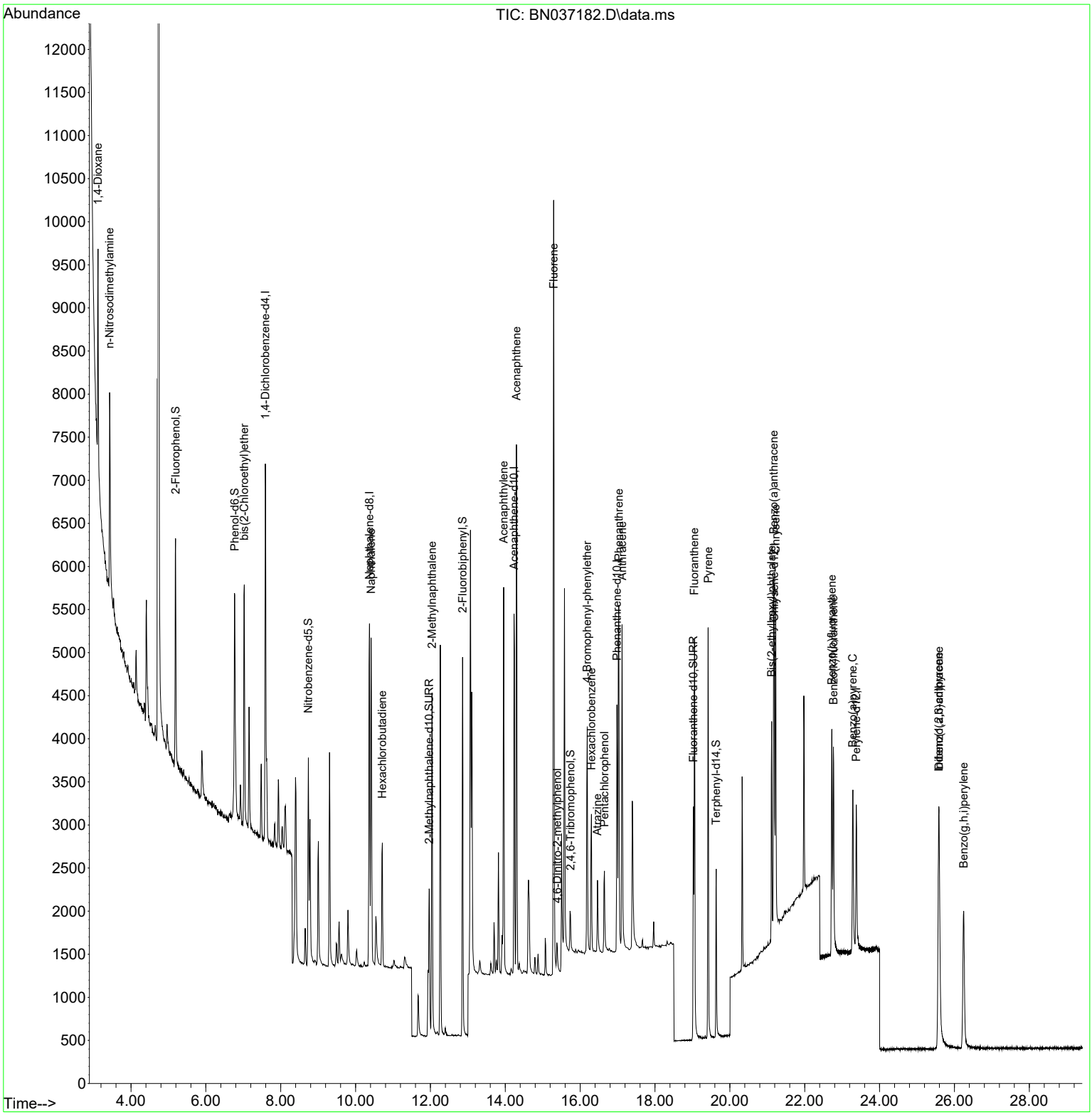
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037182.D
Acq On : 05 Jun 2025 16:21
Operator : RC/JU
Sample : PB168286BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 05 17:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168286BS

Manual Integrations APPROVED

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037186.D
Acq On : 05 Jun 2025 18:46
Operator : RC/JU
Sample : PB168286BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 06 02:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168286BSD

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1756	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4279	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2046	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3397	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1984	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	1936	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1553	0.358	ng	0.00
5) Phenol-d6	6.773	99	1809	0.344	ng	0.00
8) Nitrobenzene-d5	8.739	82	1607	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	2420m	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	258	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3337	0.383	ng	0.00
27) Fluoranthene-d10	19.026	212	2720	0.315	ng	0.00
31) Terphenyl-d14	19.635	244	1751	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	929	0.397	ng	# 27
3) n-Nitrosodimethylamine	3.429	42	1855	0.395	ng	# 88
6) bis(2-Chloroethyl)ether	7.026	93	1686	0.336	ng	98
9) Naphthalene	10.415	128	4291	0.348	ng	99
10) Hexachlorobutadiene	10.714	225	1009	0.375	ng	# 99
12) 2-Methylnaphthalene	12.042	142	2412	0.305	ng	99
16) Acenaphthylene	13.957	152	3960	0.395	ng	99
17) Acenaphthene	14.299	154	2357	0.362	ng	99
18) Fluorene	15.293	166	2967	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.389	198	285	0.561	ng	# 63
21) 4-Bromophenyl-phenylether	16.189	248	859	0.386	ng	98
22) Hexachlorobenzene	16.301	284	936	0.390	ng	99
23) Atrazine	16.463	200	696	0.379	ng	99
24) Pentachlorophenol	16.649	266	468	0.540	ng	97
25) Phenanthrene	17.034	178	4052	0.368	ng	100
26) Anthracene	17.120	178	3680	0.366	ng	99
28) Fluoranthene	19.054	202	3726	0.306	ng	99
30) Pyrene	19.416	202	3699	0.382	ng	99
32) Benzo(a)anthracene	21.171	228	2740	0.382	ng	98
33) Chrysene	21.216	228	3010	0.376	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	1639	0.362	ng	100
36) Indeno(1,2,3-cd)pyrene	25.570	276	3418	0.444	ng	97
37) Benzo(b)fluoranthene	22.722	252	2739	0.350	ng	93
38) Benzo(k)fluoranthene	22.766	252	2964	0.371	ng	93
39) Benzo(a)pyrene	23.284	252	2606	0.398	ng	94
40) Dibenzo(a,h)anthracene	25.591	278	2579	0.434	ng	94
41) Benzo(g,h,i)perylene	26.243	276	2922	0.428	ng	97

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

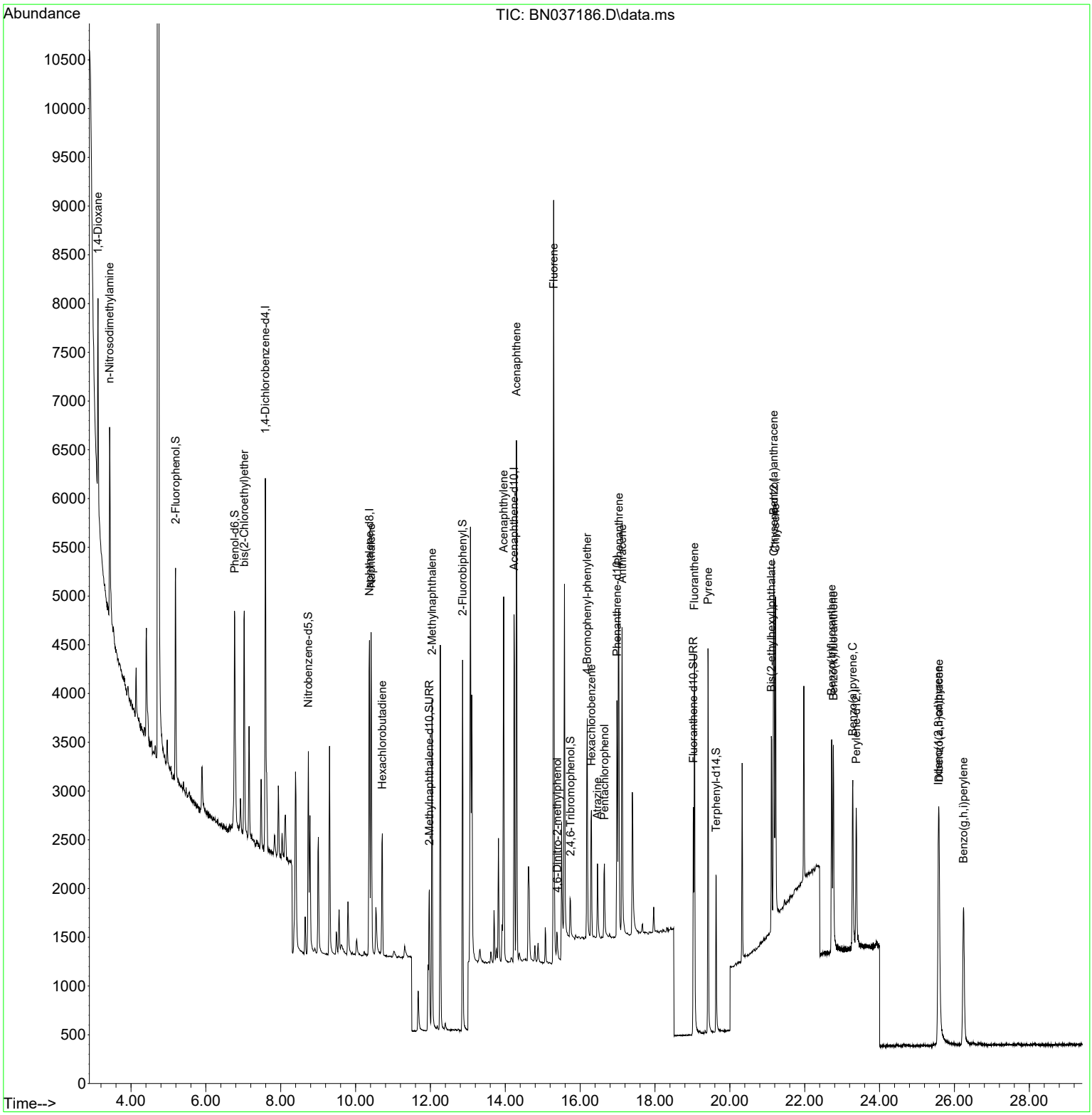
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037186.D
Acq On : 05 Jun 2025 18:46
Operator : RC/JU
Sample : PB168286BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 06 02:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168286BSD

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	BN060325	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	BN060525	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168286BS	BN037182.D	2-Methylnaphthalene-d10	Rahul	6/6/2025 12:28:09 PM	Jagrut	6/6/2025 1:15:35 PM	Peak Integrated by Software
PB168286BSD	BN037186.D	2-Methylnaphthalene-d10	Rahul	6/6/2025 12:28:13 PM	Jagrut	6/6/2025 1:15:38 PM	Peak Integrated by Software

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037142.D	03 Jun 2025 10:21	RC/JU	Ok
2	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	RC/JU	Ok
3	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15	RC/JU	Ok
4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	RC/JU	Ok
5	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26	RC/JU	Ok
6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02	RC/JU	Ok
7	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	RC/JU	Ok
8	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14	RC/JU	Ok
9	SSTDICV0.4	BN037150.D	03 Jun 2025 15:53	RC/JU	Ok
10	PB168238BL	BN037151.D	03 Jun 2025 17:05	RC/JU	Not Ok
11	Q2181-01	BN037152.D	03 Jun 2025 17:41	RC/JU	Dilution
12	Q2181-01DL	BN037153.D	03 Jun 2025 18:18	RC/JU	Ok
13	SSTDCCC0.4	BN037154.D	03 Jun 2025 18:54	RC/JU	Ok
14	DFTPP	BN037155.D	03 Jun 2025 20:10	RC/JU	Ok
15	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49	RC/JU	Ok
16	PB168238BL	BN037157.D	03 Jun 2025 21:25	RC/JU	Not Ok
17	Q2162-03	BN037158.D	03 Jun 2025 22:01	RC/JU	Ok
18	Q2162-07	BN037159.D	03 Jun 2025 22:37	RC/JU	Ok
19	Q2162-09	BN037160.D	03 Jun 2025 23:13	RC/JU	Ok
20	Q2162-10	BN037161.D	03 Jun 2025 23:49	RC/JU	Ok
21	PB168238BS	BN037162.D	04 Jun 2025 00:25	RC/JU	Not Ok

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168238BSD	BN037163.D	04 Jun 2025 01:01	RC/JU	Not Ok
23	SSTDCCC0.4	BN037164.D	04 Jun 2025 02:13	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060525

Review By	Rahul	Review On	6/6/2025 12:34:40 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:15:52 PM		
SubDirectory	BN060525	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037171.D	05 Jun 2025 09:03	RC/JU	Ok
2	SSTDCCC0.4	BN037172.D	05 Jun 2025 09:42	RC/JU	Ok
3	PB168286BL	BN037173.D	05 Jun 2025 10:19	RC/JU	Ok
4	Q2186-03	BN037174.D	05 Jun 2025 10:55	RC/JU	Ok
5	Q2186-07	BN037175.D	05 Jun 2025 11:31	RC/JU	Ok
6	Q2186-09	BN037176.D	05 Jun 2025 12:08	RC/JU	Ok
7	Q2200-01	BN037177.D	05 Jun 2025 12:44	RC/JU	Dilution
8	Q2200-02	BN037178.D	05 Jun 2025 13:20	RC/JU	Dilution
9	Q2200-03	BN037179.D	05 Jun 2025 13:56	RC/JU	Ok
10	Q2200-04	BN037180.D	05 Jun 2025 14:32	RC/JU	Ok
11	Q2200-05	BN037181.D	05 Jun 2025 15:08	RC/JU	Dilution
12	PB168286BS	BN037182.D	05 Jun 2025 16:21	RC/JU	Ok,M
13	Q2200-01DL	BN037183.D	05 Jun 2025 16:57	RC/JU	Ok
14	Q2200-02DL	BN037184.D	05 Jun 2025 17:33	RC/JU	Ok
15	Q2200-05DL	BN037185.D	05 Jun 2025 18:10	RC/JU	Ok
16	PB168286BSD	BN037186.D	05 Jun 2025 18:46	RC/JU	Ok,M
17	SSTDCCC0.4	BN037187.D	05 Jun 2025 19:22	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037142.D	03 Jun 2025 10:21		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	Compound #20,24 removed from 0.1 PPM	RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	Compound #20,24 kept on LR.	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	Method is good for DOD and NONDOD.	RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14		RC/JU	Ok
9	SSTDICV0.4	ICVBN060325	BN037150.D	03 Jun 2025 15:53		RC/JU	Ok
10	PB168238BL	PB168238BL	BN037151.D	03 Jun 2025 17:05	Not Used	RC/JU	Not Ok
11	Q2181-01	38072-062624	BN037152.D	03 Jun 2025 17:41	Need 50X Dilution	RC/JU	Dilution
12	Q2181-01DL	38072-062624DL	BN037153.D	03 Jun 2025 18:18		RC/JU	Ok
13	SSTDCCC0.4	SSTDCCC0.4EC	BN037154.D	03 Jun 2025 18:54		RC/JU	Ok
14	DFTPP	DFTPP	BN037155.D	03 Jun 2025 20:10		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49		RC/JU	Ok
16	PB168238BL	PB168238BL	BN037157.D	03 Jun 2025 21:25	Not Used	RC/JU	Not Ok
17	Q2162-03	BP-VPB-182-GW-580-5	BN037158.D	03 Jun 2025 22:01		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2162-07	BP-VPB-182-GW-620-6	BN037159.D	03 Jun 2025 22:37		RC/JU	Ok
19	Q2162-09	BP-VPB-182-DUP-2025	BN037160.D	03 Jun 2025 23:13		RC/JU	Ok
20	Q2162-10	BP-VPB-182-EB-20250	BN037161.D	03 Jun 2025 23:49		RC/JU	Ok
21	PB168238BS	PB168238BS	BN037162.D	04 Jun 2025 00:25	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
22	PB168238BSD	PB168238BSD	BN037163.D	04 Jun 2025 01:01	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
23	SSTDCCC0.4	SSTDCCC0.4EC	BN037164.D	04 Jun 2025 02:13		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060525

Review By	Rahul	Review On	6/6/2025 12:34:40 PM	
Supervise By	Jagrut	Supervise On	6/6/2025 1:15:52 PM	
SubDirectory	BN060525	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037171.D	05 Jun 2025 09:03		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037172.D	05 Jun 2025 09:42		RC/JU	Ok
3	PB168286BL	PB168286BL	BN037173.D	05 Jun 2025 10:19		RC/JU	Ok
4	Q2186-03	BP-VPB-182-GW-680-6	BN037174.D	05 Jun 2025 10:55		RC/JU	Ok
5	Q2186-07	BP-VPB-182-GW-720-7	BN037175.D	05 Jun 2025 11:31		RC/JU	Ok
6	Q2186-09	VPB182-HYD-2025053	BN037176.D	05 Jun 2025 12:08		RC/JU	Ok
7	Q2200-01	RMW-02B-66-060325	BN037177.D	05 Jun 2025 12:44	Need 10X dilution	RC/JU	Dilution
8	Q2200-02	RMW-03B-90-060325	BN037178.D	05 Jun 2025 13:20	Need 2X dilution	RC/JU	Dilution
9	Q2200-03	EB01-060325	BN037179.D	05 Jun 2025 13:56		RC/JU	Ok
10	Q2200-04	MW-01-6.5-060325	BN037180.D	05 Jun 2025 14:32		RC/JU	Ok
11	Q2200-05	MW-11B-37.5-060325	BN037181.D	05 Jun 2025 15:08	Need 10X dilution	RC/JU	Dilution
12	PB168286BS	PB168286BS	BN037182.D	05 Jun 2025 16:21		RC/JU	Ok,M
13	Q2200-01DL	RMW-02B-66-060325D	BN037183.D	05 Jun 2025 16:57		RC/JU	Ok
14	Q2200-02DL	RMW-03B-90-060325D	BN037184.D	05 Jun 2025 17:33		RC/JU	Ok
15	Q2200-05DL	MW-11B-37.5-060325D	BN037185.D	05 Jun 2025 18:10		RC/JU	Ok
16	PB168286BSD	PB168286BSD	BN037186.D	05 Jun 2025 18:46		RC/JU	Ok,M
17	SSTDCCC0.4	SSTDCCC0.4EC	BN037187.D	05 Jun 2025 19:22		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168286

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/04/2025
Matrix :	Water			**Extraction Start Time :**	11:46
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/04/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ 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	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6758
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH, Q2186-03 used Limited volume received.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/4/25	RS (Ext lab)	RC/SVOC
16:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168286

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/04/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168286BL	SBLK286	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-7
PB168286BS	SLCS286	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			8
PB168286BSD	SLCSD286	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			9
Q2186-03	BP-VPB-182-GW-680-682	SVOC-SIMGroup1	390	6	RUPESH	ritesh	1	C		10
Q2186-07	BP-VPB-182-GW-720-722	SVOC-SIMGroup1	870	6	RUPESH	ritesh	1	C		11
Q2186-09	VPB182-HYD-20250530	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1	C		12
Q2200-01	RMW-02B-66-060325	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	C		13
Q2200-02	RMW-03B-90-060325	SVOC-SIMGroup1	960	6	RUPESH	ritesh	1	C		14
Q2200-03	EB01-060325	SVOC-SIMGroup1	910	6	RUPESH	ritesh	1	C		15
Q2200-04	MW-01-6.5-060325	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			16
Q2200-05	MW-11B-37.5-060325	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	C		17

RS 6/4

* **Extracts relinquished on the same date as received.**

168286
11:46

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2186 **WorkList ID :** 189931 **Department :** Extraction **Date :** 06-04-2025 11:39:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2186-03	BP-VPB-182-GW-680-682	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	N13	05/30/2025	8270-Modified
Q2186-07	BP-VPB-182-GW-720-722	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	N13	06/02/2025	8270-Modified
Q2186-09	VPB182-HYD-20250530	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	N13	05/30/2025	8270-Modified
Q2200-01	RMW-02B-66-060325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	L31	06/03/2025	8270-Modified
Q2200-02	RMW-03B-90-060325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	L31	06/03/2025	8270-Modified
Q2200-03	EB01-060325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	L31	06/03/2025	8270-Modified
Q2200-04	MW-01-6.5-060325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	L31	06/03/2025	8270-Modified
Q2200-05	MW-11B-37.5-060325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	L31	06/03/2025	8270-Modified

Date/Time 6/4/25 11:40
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: RM SM

Date/Time 6/4/25 12:30
Raw Sample Received by: RM SM
Raw Sample Relinquished by: RS (Ext-Lab)

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

LAB CHRONICLE

OrderID:	Q2200	**OrderDate:**	6/3/2025 4:06:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2200-01	**RMW-02B-66-060325**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-01DL	**RMW-02B-66-060325 DL**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-02	**RMW-03B-90-060325**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-02DL	**RMW-03B-90-060325 DL**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-03	**EB01-060325**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-04	**MW-01-6.5-060325**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-05	**MW-11B-37.5-060325**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	
Q2200-05DL	**MW-11B-37.5-060325 DL**	**Water**			**06/03/25**			**06/03/25**
			SVOC-SIMGroup1	8270-Modified		06/04/25	06/05/25	

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. Q2200
COC Number 2046476

7
7.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: Jacobs	PROJECT NAME: STC Princeton	BILL TO: Mary Murphy PO#:
ADDRESS: 412 Mt. Kemble Ave., Suite 100	PROJECT NO.: D3868221 LOCATION: Princeton Junction	ADDRESS:
CITY Morristown STATE: NJ ZIP: 07960	PROJECT MANAGER: Mary Murphy	CITY STATE: ZIP:
ATTENTION: John Ynfante John.Ynfante@Jacobs.com	e-mail: Mary.Murphy@Jacobs.com	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard TAT 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 2 (Results + QC)
- ☑ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other

ANALYSIS

1. Site Specific VOC's (8260D - Low)
2. 1,4-Dioxane (8270E-SIM)
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	1 (A/E)	2 (E)	3	4	5	6	7	8	9	COMMENTS
1.	RMW-02B-66-060325	GW		X	6/3/25	1020	3	X	X								
2.	RMW-03B-90-060325	GW		X	6/3/25	1100	3	X	X								
3.	EB01-060325	DI		X	6/3/25	1300	3	X	X								
4.	MW-01-6.5-060325	GW		X	6/3/25	1400	1		X								
5.	MW-11B-37.5-060325	GW		X	6/3/25	1420	3	X	X								
6.	TB-01-060325	DI		X	6/3/25	1530	2	X									
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES — ← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Dan Holmes [signature]	6/3/25 1600	1. 18:20 [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.4c °C
Comments: See work order for list of site specific VOC's
PO# 148064311

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2200 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 6/3/2025 4:06:00 PM
Project Name : Former Schlumberger STC
Receive DateTime : 6/3/2025 ~~12:00:00~~ AM
Purchase Order : 17:20

Project Mgr :
Report Type : ~~Level 4~~ level 3
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2200-01	RMW-02B-66-060325	Water	06/03/2025	10:20					
					VOCMS Group3		8260-Low		10 Bus. Days
Q2200-02	RMW-03B-90-060325	Water	06/03/2025	11:00					
					VOCMS Group3		8260-Low		10 Bus. Days
Q2200-03	EB01-060325	Water	06/03/2025	13:00					
					VOCMS Group3		8260-Low		10 Bus. Days
Q2200-05	MW-11B-37.5-060325	Water	06/03/2025	14:20					
					VOCMS Group3		8260-Low		10 Bus. Days
Q2200-06	TB-01-060325	Water	06/03/2025	15:30					
					VOCMS Group3		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 6/4/25 1040

Received By : Sam
Date / Time : 06/04/25 1040 Leg # 4
Storage Area : VOA Refridgerator Room

SAMPLES RECEIVED ON 6/3/25
SAMPLES PLACED IN SM-REF-2