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

Hit Summary Sheet
SW-846

SDG No.: Q3083

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4S**								
Q3083-01	MW4S	Water	Acetone		20.6		1.50	5.00	ug/L
Q3083-01	MW4S	Water	Methylcyclohexane		2.10		0.16	1.00	ug/L
Q3083-01	MW4S	Water	Chlorobenzene		16.4		0.12	1.00	ug/L
			Total Voc :		39.1				
Q3083-01	MW4S	Water	unknown13.717	*	16.3	J	0	0	ug/L
Q3083-01	MW4S	Water	Amylene hydrate	*	19.8	J	0	0	ug/L
Q3083-01	MW4S	Water	Benzene, 4-chloro-1,2-dimethy	*	6.90	J	0	0	ug/L
Q3083-01	MW4S	Water	Tetrahydrofuran	*	77.7	J	0.99	5.00	ug/L
Q3083-01	MW4S	Water	Diethyl Ether	*	320	J	0.31	1.00	ug/L
Q3083-01	MW4S	Water	Diisopropyl ether	*	10.9	J	0.15	1.00	ug/L
			Total Tics :		452				
			Total Concentration:		491				
Client ID:	**MW4I**								
Q3083-02	MW4I	Water	Acetone		33.0		1.50	5.00	ug/L
Q3083-02	MW4I	Water	Chloroform		0.74	J	0.25	1.00	ug/L
			Total Voc :		33.7				
Q3083-02	MW4I	Water	Diisopropyl ether	*	0.34	J	0.15	1.00	ug/L
			Total Tics :		0.34				
			Total Concentration:		34.1				
Client ID:	**MW3S**								
Q3083-03	MW3S	Water	Acetone		11.7		1.50	5.00	ug/L
			Total Voc :		11.7				
Q3083-03	MW3S	Water	Tetrahydrofuran	*	4.10	J	0.99	5.00	ug/L
Q3083-03	MW3S	Water	Diethyl Ether	*	70.9	J	0.31	1.00	ug/L
Q3083-03	MW3S	Water	Diisopropyl ether	*	1.70	J	0.15	1.00	ug/L
Q3083-03	MW3S	Water	1,4-Dioxane	*	21.9	J	6.90	100	ug/L
			Total Tics :		98.6				
			Total Concentration:		110				

SAMPLE DATA

Raw Data: **VN087825.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4S	SDG No.:	Q3083
Lab Sample ID:	Q3083-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087825.D	1	09/15/25 10:50	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	20.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-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
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	2.10		0.16	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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4S	SDG No.:	Q3083
Lab Sample ID:	Q3083-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087825.D	1	09/15/25 10:50	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	16.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	47.8		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.7		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	8.206			
540-36-3	1,4-Difluorobenzene	405000	9.083			
3114-55-4	Chlorobenzene-d5	390000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087825.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4S	SDG No.:	Q3083
Lab Sample ID:	Q3083-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087825.D	1	09/15/25 10:50	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
60-29-7	Diethyl Ether	320	J		3.96	ug/L
108-20-3	Diisopropyl ether	10.9	J		6.66	ug/L
109-99-9	Tetrahydrofuran	77.7	J		7.83	ug/L
000075-85-4	Amylene hydrate	19.8	J		8.64	ug/L
	unknown13.717	16.3	J		13.7	ug/L
000615-60-1	Benzene, 4-chloro-1,2-dimethyl-	6.90	J		14.5	ug/L

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

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

Raw Data: **VN087805.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4I	SDG No.:	Q3083
Lab Sample ID:	Q3083-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087805.D	1	09/11/25 17:51	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	33.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-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
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.74	J	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VN087805.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4I	SDG No.:	Q3083
Lab Sample ID:	Q3083-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087805.D	1	09/11/25 17:51	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	8.206			
540-36-3	1,4-Difluorobenzene	503000	9.082			
3114-55-4	Chlorobenzene-d5	493000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	228000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW4I	SDG No.:	Q3083
Lab Sample ID:	Q3083-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087805.D	1	09/11/25 17:51	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-20-3	Diisopropyl ether	0.34	J		6.67	ug/L

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

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

Raw Data: **VN087806.D**

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

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087806.D	1	09/11/25 18:11	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	11.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-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
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VN087806.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087806.D	1	09/11/25 18:11	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	166000	8.206			
540-36-3	1,4-Difluorobenzene	380000	9.083			
3114-55-4	Chlorobenzene-d5	368000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087806.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087806.D	1	09/11/25 18:11	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
60-29-7	Diethyl Ether	70.9	J		3.96	ug/L
108-20-3	Diisopropyl ether	1.70	J		6.66	ug/L
109-99-9	Tetrahydrofuran	4.10	J		7.84	ug/L
123-91-1	1,4-Dioxane	21.9	J		9.69	ug/L

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3083

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3083-01	MW4S	1,2-Dichloroethane-d4	50	49.1	98		70 (74)	130 (125)
		Dibromofluoromethane	50	51.8	104		70 (75)	130 (124)
		Toluene-d8	50	47.8	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.7	93		70 (77)	130 (121)
Q3083-02	MW4I	1,2-Dichloroethane-d4	50	53.8	108		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	48.0	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.3	95		70 (77)	130 (121)
Q3083-03	MW3S	1,2-Dichloroethane-d4	50	53.3	107		70 (74)	130 (125)
		Dibromofluoromethane	50	52.1	104		70 (75)	130 (124)
		Toluene-d8	50	48.6	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.8	92		70 (77)	130 (121)
VN0911WBL01	VN0911WBL01	1,2-Dichloroethane-d4	50	55.0	110		70 (74)	130 (125)
		Dibromofluoromethane	50	51.9	104		70 (75)	130 (124)
		Toluene-d8	50	47.4	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.7	91		70 (77)	130 (121)
VN0911WBS01	VN0911WBS01	1,2-Dichloroethane-d4	50	45.4	91		70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99		70 (75)	130 (124)
		Toluene-d8	50	47.8	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.4	97		70 (77)	130 (121)
VN0911WBSD0	VN0911WBSD01	1,2-Dichloroethane-d4	50	42.7	85		70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99		70 (75)	130 (124)
		Toluene-d8	50	47.1	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.5	95		70 (77)	130 (121)
VN0915WBL01	VN0915WBL01	1,2-Dichloroethane-d4	50	52.5	105		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	47.2	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.6	89		70 (77)	130 (121)
VN0915WBS01	VN0915WBS01	1,2-Dichloroethane-d4	50	46.1	92		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)
		Toluene-d8	50	46.6	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.7	95		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087795.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0911WBS01	Dichlorodifluoromethane	20	21.9	ug/L	110			40 (69)	160 (116)	
	Chloromethane	20	24.5	ug/L	123			40 (65)	160 (116)	
	Vinyl chloride	20	22.2	ug/L	111			70 (65)	130 (117)	
	Bromomethane	20	25.9	ug/L	130			40 (58)	160 (125)	
	Chloroethane	20	21.1	ug/L	106			40 (56)	160 (128)	
	Trichlorofluoromethane	20	22.4	ug/L	112			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108			70 (80)	130 (112)	
	1,1-Dichloroethene	20	21.4	ug/L	107			70 (74)	130 (110)	
	Acetone	100	96.0	ug/L	96			40 (60)	160 (125)	
	Carbon disulfide	20	22.3	ug/L	112			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.6	ug/L	103			70 (78)	130 (114)	
	Methyl Acetate	20	20.3	ug/L	102			70 (67)	130 (125)	
	Methylene Chloride	20	22.6	ug/L	113			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	21.5	ug/L	108			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.9	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	21.2	ug/L	106			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	22.5	ug/L	113			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	21.0	ug/L	105			70 (77)	130 (110)	
	Bromochloromethane	20	20.6	ug/L	103			70 (70)	130 (124)	
	Chloroform	20	21.6	ug/L	108			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.3	ug/L	106			70 (80)	130 (108)	
	Methylcyclohexane	20	21.1	ug/L	106			70 (72)	130 (115)	
	Benzene	20	22.2	ug/L	111			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.5	ug/L	108			70 (80)	130 (115)	
	Trichloroethene	20	21.9	ug/L	110			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.4	ug/L	107			70 (83)	130 (111)	
	Bromodichloromethane	20	22.4	ug/L	112			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	21.4	ug/L	107			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	22.2	ug/L	111			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	22.5	ug/L	113			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	22.5	ug/L	113			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	22.2	ug/L	111			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.9	ug/L	110			70 (81)	130 (110)	
	Tetrachloroethene	20	22.0	ug/L	110			70 (67)	130 (123)	
	Chlorobenzene	20	22.5	ug/L	113			70 (82)	130 (109)	
	Ethyl Benzene	20	21.6	ug/L	108			70 (83)	130 (109)	
	m/p-Xylenes	40	45.0	ug/L	113			70 (82)	130 (110)	
	o-Xylene	20	21.8	ug/L	109			70 (83)	130 (109)	
	Styrene	20	22.8	ug/L	114			70 (80)	130 (111)	
	Bromoform	20	24.3	ug/L	121			70 (79)	130 (109)	
	Isopropylbenzene	20	20.5	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	22.1	ug/L	111			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	21.9	ug/L	110			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	21.3	ug/L	106			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.9	ug/L	110			70 (82)	130 (109)	

( ) = 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.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087795.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0911WBS01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/L	100			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	21.5	ug/L	108			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	21.6	ug/L	108			70 (76)	130 (114)	

( ) = 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.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087796.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0911WBSD01	Dichlorodifluoromethane	20	22.3	ug/L	112	2		40 (69)	160 (116)	20 (19)
	Chloromethane	20	22.2	ug/L	111	10		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	21.8	ug/L	109	2		70 (65)	130 (117)	20 (19)
	Bromomethane	20	24.0	ug/L	120	8		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.2	ug/L	101	5		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	22.8	ug/L	114	2		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	22.0	ug/L	110	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	21.3	ug/L	106	1		70 (74)	130 (110)	20 (20)
	Acetone	100	88.8	ug/L	89	8		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	21.7	ug/L	109	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.6	ug/L	98	5		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.0	ug/L	95	7		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.5	ug/L	103	9		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	20.0	ug/L	100	8		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.5	ug/L	98	6		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	21.0	ug/L	105	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	97.3	ug/L	97	3		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	23.7	ug/L	119	5		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	8		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.4	ug/L	97	6		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.4	ug/L	102	6		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.6	ug/L	103	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	23.4	ug/L	117	10		70 (72)	130 (115)	20 (20)
	Benzene	20	22.0	ug/L	110	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	21.3	ug/L	106	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	22.4	ug/L	112	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.7	ug/L	104	3		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	22.2	ug/L	111	1		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (25)
	Toluene	20	22.0	ug/L	110	3		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	21.4	ug/L	107	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.4	ug/L	107	5		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	22.4	ug/L	112	1		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	22.1	ug/L	111	0		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	22.1	ug/L	111	1		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	22.9	ug/L	115	4		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	21.9	ug/L	110	3		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	22.3	ug/L	112	4		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	46.3	ug/L	116	3		70 (82)	130 (110)	20 (15)
	o-Xylene	20	22.1	ug/L	111	2		70 (83)	130 (109)	20 (20)
	Styrene	20	22.6	ug/L	113	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	24.1	ug/L	121	0		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.8	ug/L	104	1		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107	4		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	21.4	ug/L	107	3		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.7	ug/L	104	2		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	21.9	ug/L	110	0		70 (82)	130 (109)	20 (20)

( ) = 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.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087796.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0911WBSD01	1,2-Dibromo-3-Chloropropane	20	19.8	ug/L	99	1		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104	4		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	21.6	ug/L	108	0		70 (76)	130 (114)	20 (29)

( ) = 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.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087823.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0915WBS01	Dichlorodifluoromethane	20	18.9	ug/L	95			40 (69)	160 (116)	
	Chloromethane	20	19.2	ug/L	96			40 (65)	160 (116)	
	Vinyl chloride	20	19.2	ug/L	96			70 (65)	130 (117)	
	Bromomethane	20	15.8	ug/L	79			40 (58)	160 (125)	
	Chloroethane	20	17.8	ug/L	89			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.1	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	Acetone	100	86.9	ug/L	87			40 (60)	160 (125)	
	Carbon disulfide	20	20.2	ug/L	101			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.9	ug/L	90			70 (78)	130 (114)	
	Methyl Acetate	20	19.4	ug/L	97			70 (67)	130 (125)	
	Methylene Chloride	20	19.3	ug/L	97			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.3	ug/L	92			70 (78)	130 (112)	
	Cyclohexane	20	17.1	ug/L	86			70 (75)	130 (110)	
	2-Butanone	100	91.2	ug/L	91			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.4	ug/L	97			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.0	ug/L	90			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	19.3	ug/L	97			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	16.6	ug/L	83			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.4	ug/L	97			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.8	ug/L	94			70 (83)	130 (111)	
	Bromodichloromethane	20	19.5	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	93.7	ug/L	94			40 (74)	160 (118)	
	Toluene	20	18.7	ug/L	94			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.5	ug/L	98			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.9	ug/L	95			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.8	ug/L	99			70 (83)	130 (112)	
	2-Hexanone	100	93.7	ug/L	94			40 (73)	160 (117)	
	Dibromochloromethane	20	19.4	ug/L	97			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.6	ug/L	98			70 (81)	130 (110)	
	Tetrachloroethene	20	17.6	ug/L	88			70 (67)	130 (123)	
	Chlorobenzene	20	18.2	ug/L	91			70 (82)	130 (109)	
	Ethyl Benzene	20	17.5	ug/L	88			70 (83)	130 (109)	
	m/p-Xylenes	40	37.2	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	17.6	ug/L	88			70 (83)	130 (109)	
	Styrene	20	18.5	ug/L	93			70 (80)	130 (111)	
	Bromoform	20	20.1	ug/L	101			70 (79)	130 (109)	
	Isopropylbenzene	20	16.5	ug/L	83			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.9	ug/L	90			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.3	ug/L	86			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.2	ug/L	91			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087823.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0915WBS01	1,2-Dibromo-3-Chloropropane	20	17.1	ug/L	86			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.1	ug/L	86			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0911WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087794.D Lab Sample ID: VN0911WBL01

Date Analyzed: 09/11/2025 Time Analyzed: 13:45

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0911WBS01	VN0911WBS01	VN087795.D	09/11/2025
VN0911WBSD01	VN0911WBSD01	VN087796.D	09/11/2025
MW4I	Q3083-02	VN087805.D	09/11/2025
MW3S	Q3083-03	VN087806.D	09/11/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0915WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087822.D Lab Sample ID: VN0915WBL01

Date Analyzed: 09/15/2025 Time Analyzed: 09:35

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0915WBS01	VN0915WBS01	VN087823.D	09/15/2025
MW4S	Q3083-01	VN087825.D	09/15/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: VN087614.D | BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:30

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3083
Lab File ID: VN087791.D
BFB Injection Date: 09/11/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:53
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 60.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.4
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	71.1 (99.5) 1
177	5.0 - 9.0% of mass 176	5.3 (7.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087792.D	09/11/2025	12:49
VN0911WBL01	VN0911WBL01	VN087794.D	09/11/2025	13:45
VN0911WBS01	VN0911WBS01	VN087795.D	09/11/2025	14:21
VN0911WBSD01	VN0911WBSD01	VN087796.D	09/11/2025	14:42
MW4I	Q3083-02	VN087805.D	09/11/2025	17:51
MW3S	Q3083-03	VN087806.D	09/11/2025	18:11

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: VN087819.D | BFB Injection Date: 09/15/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:18

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	6.3 (8.5) 1
176	95.0 - 101.0% of mass 174	70.8 (95.4) 1
177	5.0 - 9.0% of mass 176	4.8 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087820.D	09/15/2025	08:39
VN0915WBL01	VN0915WBL01	VN087822.D	09/15/2025	09:35
VN0915WBS01	VN0915WBS01	VN087823.D	09/15/2025	09:56
MW4S	Q3083-01	VN087825.D	09/15/2025	10:50

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087792.D Date Analyzed: 09/11/2025

Instrument ID: MSVOA_N Time Analyzed: 12:49

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	284150	8.21	535670	9.08	504865	11.85
UPPER LIMIT	568300	8.706	1071340	9.582	1009730	12.347
LOWER LIMIT	142075	7.706	267835	8.582	252433	11.347
EPA SAMPLE NO.						
MW4I	220322	8.21	503440	9.08	493455	11.84
MW3S	165866	8.21	379915	9.08	368148	11.84
VN0911WBL01	217125	8.21	505649	9.08	478608	11.84
VN0911WBS01	264571	8.21	504460	9.08	466377	11.84
VN0911WBSD01	284367	8.21	516573	9.08	469236	11.84

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: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087792.D Date Analyzed: 09/11/2025

Instrument ID: MSVOA_N Time Analyzed: 12:49

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	262340	13.77				
UPPER LIMIT	524680	14.27				
LOWER LIMIT	131170	13.27				
EPA SAMPLE NO.						
MW4I	228190	13.77				
MW3S	175104	13.77				
VN0911WBL01	224924	13.77				
VN0911WBS01	243902	13.77				
VN0911WBSD01	252435	13.77				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087820.D Date Analyzed: 09/15/2025

Instrument ID: MSVOA_N Time Analyzed: 08:39

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	257288	8.21	490599	9.08	467132	11.84
UPPER LIMIT	514576	8.706	981198	9.582	934264	12.341
LOWER LIMIT	128644	7.706	245300	8.582	233566	11.341
EPA SAMPLE NO.						
MW4S	187821	8.21	405329	9.08	389909	11.84
VN0915WBL01	194621	8.21	447138	9.08	421003	11.84
VN0915WBS01	212267	8.21	415751	9.08	395901	11.85

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: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: VN087820.D Date Analyzed: 09/15/2025

Instrument ID: MSVOA_N Time Analyzed: 08:39

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	259703	13.765				
UPPER LIMIT	519406	14.265				
LOWER LIMIT	129852	13.265				
EPA SAMPLE NO.						
MW4S	188048	13.77				
VN0915WBL01	194722	13.77				
VN0915WBS01	209334	13.77				

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

Raw Data: **VN087794.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBL01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087794.D	1	09/11/25 13:45	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-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
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VN087794.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBL01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087794.D	1	09/11/25 13:45	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		70 (77) - 130 (121)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	8.206			
540-36-3	1,4-Difluorobenzene	506000	9.082			
3114-55-4	Chlorobenzene-d5	479000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	225000	13.77			

Raw Data: **VN087794.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	VN0911WBL01			SDG No.:	Q3083
Lab Sample ID:	VN0911WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087794.D	1	09/11/25 13:45	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087822.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBL01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087822.D	1	09/15/25 09:35	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-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
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	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
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBL01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087822.D	1	09/15/25 09:35	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	47.2		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.206			
540-36-3	1,4-Difluorobenzene	447000	9.082			
3114-55-4	Chlorobenzene-d5	421000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	195000	13.77			

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBL01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087822.D	1	09/15/25 09:35	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087795.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087795.D	1	09/11/25 14:21	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.9		0.22	1.00	ug/L
74-87-3	Chloromethane	24.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	22.2		0.26	1.00	ug/L
74-83-9	Bromomethane	25.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	22.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.4		0.23	1.00	ug/L
67-64-1	Acetone	96.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	22.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	22.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	21.2		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	22.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.6		0.22	1.00	ug/L
67-66-3	Chloroform	21.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	21.1		0.16	1.00	ug/L
71-43-2	Benzene	22.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	21.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	22.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	21.4		0.14	1.00	ug/L

Raw Data: **VN087795.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087795.D	1	09/11/25 14:21	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	22.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	22.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	22.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	22.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	22.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	21.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	45.0		0.24	2.00	ug/L
95-47-6	o-Xylene	21.8		0.12	1.00	ug/L
100-42-5	Styrene	22.8		0.15	1.00	ug/L
75-25-2	Bromoform	24.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.1		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.5		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	47.8		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265000	8.206			
540-36-3	1,4-Difluorobenzene	504000	9.083			
3114-55-4	Chlorobenzene-d5	466000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	244000	13.771			

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087795.D	1	09/11/25 14:21	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087823.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087823.D	1	09/15/25 09:56	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.9		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.2		0.26	1.00	ug/L
74-83-9	Bromomethane	15.8		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	86.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	20.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.1		1.50	5.00	ug/L
78-93-3	2-Butanone	91.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.7		0.68	5.00	ug/L
108-88-3	Toluene	18.7		0.14	1.00	ug/L

Raw Data: **VN087823.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087823.D	1	09/15/25 09:56	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	17.6		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.1		70 (74) - 130 (125)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	46.6		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	8.206			
540-36-3	1,4-Difluorobenzene	416000	9.082			
3114-55-4	Chlorobenzene-d5	396000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	209000	13.77			

Raw Data: **VN087823.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0915WBS01	SDG No.:	Q3083
Lab Sample ID:	VN0915WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087823.D	1	09/15/25 09:56	VN091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087796.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBSD01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087796.D	1	09/11/25 14:42	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.3		0.22	1.00	ug/L
74-87-3	Chloromethane	22.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	21.8		0.26	1.00	ug/L
74-83-9	Bromomethane	24.0		1.40	5.00	ug/L
75-00-3	Chloroethane	20.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	22.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	22.0		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.3		0.23	1.00	ug/L
67-64-1	Acetone	88.8		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	21.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	21.0		1.50	5.00	ug/L
78-93-3	2-Butanone	97.3		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	23.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	23.4		0.16	1.00	ug/L
71-43-2	Benzene	22.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	22.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	22.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	22.0		0.14	1.00	ug/L

Raw Data: **VN087796.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBSD01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087796.D	1	09/11/25 14:42	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	21.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	22.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	22.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	21.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	22.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	46.3		0.24	2.00	ug/L
95-47-6	o-Xylene	22.1		0.12	1.00	ug/L
100-42-5	Styrene	22.6		0.15	1.00	ug/L
75-25-2	Bromoform	24.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.7		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.7		70 (74) - 130 (125)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	284000	8.206			
540-36-3	1,4-Difluorobenzene	517000	9.083			
3114-55-4	Chlorobenzene-d5	469000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	252000	13.77			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	VN0911WBSD01	SDG No.:	Q3083
Lab Sample ID:	VN0911WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087796.D	1	09/11/25 14:42	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	9

* 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3083
Instrument ID: MSVOA_N
Calibration Date/Time: 09/11/2025 12:49
Lab File ID: VN087792.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.638		-10.14	20
Chloromethane	0.730	0.730	0.1	0	20
Vinyl Chloride	0.846	0.781		-7.68	20
Bromomethane	0.437	0.468		7.09	20
Chloroethane	0.595	0.536		-9.92	20
Trichlorofluoromethane	1.240	1.131		-8.79	20
1,1,2-Trichlorotrifluoroethane	0.701	0.597		-14.84	20
1,1-Dichloroethene	0.721	0.643		-10.82	20
Acetone	0.558	0.530		-5.02	20
Carbon Disulfide	1.985	1.832		-7.71	20
Methyl tert-butyl Ether	2.704	2.437		-9.87	20
Methyl Acetate	1.168	0.989		-15.32	20
Methylene Chloride	0.948	0.755		-20.36	20
trans-1,2-Dichloroethene	0.781	0.689		-11.78	20
1,1-Dichloroethane	1.546	1.354	0.1	-12.42	20
Cyclohexane	1.289	1.062		-17.61	20
2-Butanone	0.734	0.657		-10.49	20
Carbon Tetrachloride	0.547	0.529		-3.29	20
cis-1,2-Dichloroethene	0.934	0.844		-9.64	20
Bromochloromethane	0.747	0.594		-20.48	20
Chloroform	1.578	1.414		-10.39	20
1,1,1-Trichloroethane	1.337	1.181		-11.67	20
Methylcyclohexane	0.610	0.549		-10	20
Benzene	1.699	1.603		-5.65	20
1,2-Dichloroethane	0.653	0.597		-8.58	20
Trichloroethene	0.388	0.370		-4.64	20
1,2-Dichloropropane	0.448	0.398		-11.16	20
Bromodichloromethane	0.653	0.611		-6.43	20
4-Methyl-2-Pentanone	0.713	0.673		-5.61	20
Toluene	1.053	0.992		-5.79	20
t-1,3-Dichloropropene	0.676	0.649		-3.99	20
cis-1,3-Dichloropropene	0.702	0.673		-4.13	20
1,1,2-Trichloroethane	0.407	0.387		-4.91	20
2-Hexanone	0.451	0.470		4.21	20
Dibromochloromethane	0.472	0.466		-1.27	20
1,2-Dibromoethane	0.430	0.413		-3.95	20
Tetrachloroethene	0.347	0.312		-10.09	20
Chlorobenzene	1.244	1.170	0.3	-5.95	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: MSVOA_N Calibration Date/Time: 09/11/2025 12:49

Lab File ID: VN087792.D Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.021		-6.18	20
m/p-Xylenes	0.790	0.774		-2.03	20
o-Xylene	0.774	0.741		-4.26	20
Styrene	1.297	1.292		-0.39	20
Bromoform	0.317	0.333	0.1	5.05	20
Isopropylbenzene	4.040	3.650		-9.65	20
1,1,2,2-Tetrachloroethane	1.391	1.248	0.3	-10.28	20
1,3-Dichlorobenzene	1.876	1.764		-5.97	20
1,4-Dichlorobenzene	1.952	1.781		-8.76	20
1,2-Dichlorobenzene	1.780	1.685		-5.34	20
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2,4-Trichlorobenzene	1.069	1.017		-4.86	20
1,2,3-Trichlorobenzene	1.045	0.994		-4.88	20
1,2-Dichloroethane-d4	1.024	0.878		-14.26	20
Dibromofluoromethane	0.361	0.346		-4.16	20
Toluene-d8	1.351	1.233		-8.73	20
4-Bromofluorobenzene	0.481	0.461		-4.16	20

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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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3083
Instrument ID: MSVOA_N
Calibration Date/Time: 09/15/2025 08:39
Lab File ID: VN087820.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.674		-5.07	20
Chloromethane	0.730	0.685	0.1	-6.16	20
Vinyl Chloride	0.846	0.784		-7.33	20
Bromomethane	0.437	0.354		-18.99	20
Chloroethane	0.595	0.533		-10.42	20
Trichlorofluoromethane	1.240	1.187		-4.27	20
1,1,2-Trichlorotrifluoroethane	0.701	0.651		-7.13	20
1,1-Dichloroethene	0.721	0.665		-7.77	20
Acetone	0.558	0.511		-8.42	20
Carbon Disulfide	1.985	1.956		-1.46	20
Methyl tert-butyl Ether	2.704	2.560		-5.32	20
Methyl Acetate	1.168	1.112		-4.8	20
Methylene Chloride	0.948	0.796		-16.03	20
trans-1,2-Dichloroethene	0.781	0.739		-5.38	20
1,1-Dichloroethane	1.546	1.420	0.1	-8.15	20
Cyclohexane	1.289	1.117		-13.34	20
2-Butanone	0.734	0.692		-5.72	20
Carbon Tetrachloride	0.547	0.551		0.73	20
cis-1,2-Dichloroethene	0.934	0.888		-4.93	20
Bromochloromethane	0.747	0.731		-2.14	20
Chloroform	1.578	1.540		-2.41	20
1,1,1-Trichloroethane	1.337	1.270		-5.01	20
Methylcyclohexane	0.610	0.567		-7.05	20
Benzene	1.699	1.692		-0.41	20
1,2-Dichloroethane	0.653	0.615		-5.82	20
Trichloroethene	0.388	0.380		-2.06	20
1,2-Dichloropropane	0.448	0.427		-4.69	20
Bromodichloromethane	0.653	0.644		-1.38	20
4-Methyl-2-Pentanone	0.713	0.714		0.14	20
Toluene	1.053	1.045		-0.76	20
t-1,3-Dichloropropene	0.676	0.681		0.74	20
cis-1,3-Dichloropropene	0.702	0.706		0.57	20
1,1,2-Trichloroethane	0.407	0.423		3.93	20
2-Hexanone	0.451	0.493		9.31	20
Dibromochloromethane	0.472	0.494		4.66	20
1,2-Dibromoethane	0.430	0.445		3.49	20
Tetrachloroethene	0.347	0.329		-5.19	20
Chlorobenzene	1.244	1.210	0.3	-2.73	20

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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: MSVOA_N Calibration Date/Time: 09/15/2025 08:39

Lab File ID: VN087820.D Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.096		-2.69	20
m/p-Xylenes	0.790	0.800		1.27	20
o-Xylene	0.774	0.760		-1.81	20
Styrene	1.297	1.352		4.24	20
Bromoform	0.317	0.354	0.1	11.67	20
Isopropylbenzene	4.040	3.523		-12.8	20
1,1,2,2-Tetrachloroethane	1.391	1.270	0.3	-8.7	20
1,3-Dichlorobenzene	1.876	1.742		-7.14	20
1,4-Dichlorobenzene	1.952	1.779		-8.86	20
1,2-Dichlorobenzene	1.780	1.694		-4.83	20
1,2-Dibromo-3-Chloropropane	0.330	0.283		-14.24	20
1,2,4-Trichlorobenzene	1.069	1.018		-4.77	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	1.010		-1.37	20
Dibromofluoromethane	0.361	0.390		8.03	20
Toluene-d8	1.351	1.382		2.3	20
4-Bromofluorobenzene	0.481	0.505		4.99	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_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Quant Time: Sep 16 01:31:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

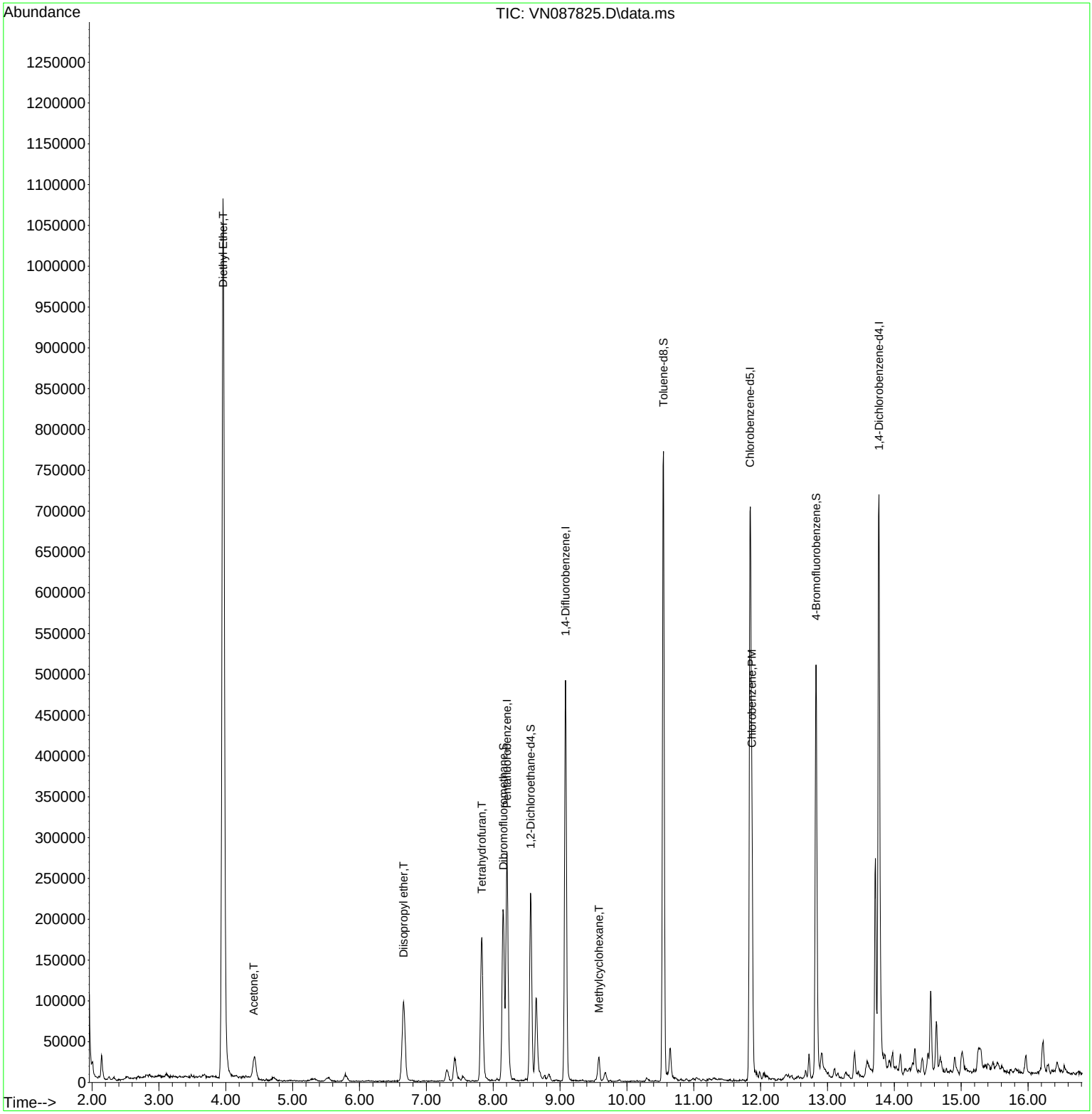
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	187821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	405329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	389909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	188783	49.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	8.153	113	151475	51.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.520%			
50) Toluene-d8	10.547	98	523037	47.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.500%			
62) 4-Bromofluorobenzene	12.829	95	181914	46.701	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.400%			
Target Compounds						Qvalue
8) Diethyl Ether	3.959	74	646944	318.984	ug/l	97
16) Acetone	4.418	43	43052	20.551	ug/l	99
22) Diisopropyl ether	6.659	45	115261	10.884	ug/l #	93
29) Tetrahydrofuran	7.830	42	137795	77.689	ug/l	99
39) Methylcyclohexane	9.582	83	10225	2.069	ug/l	91
65) Chlorobenzene	11.871	112	158841	16.375	ug/l	97

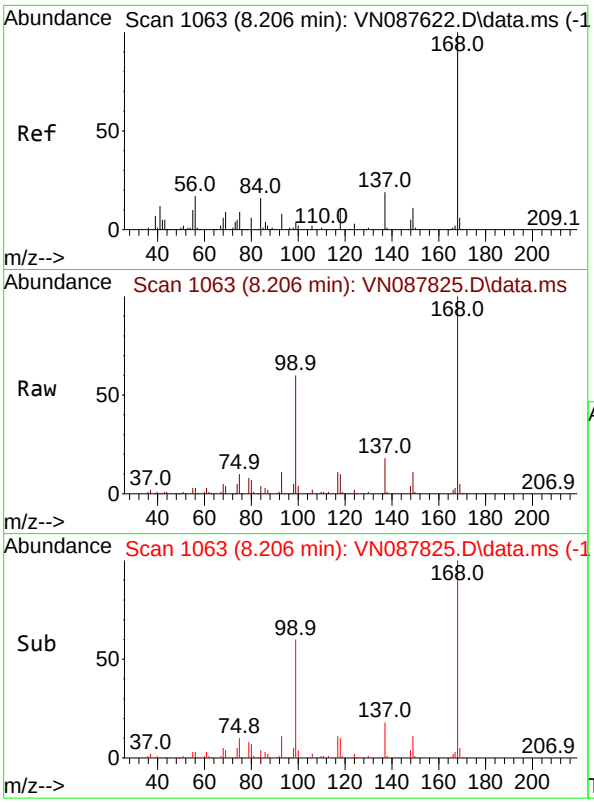
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Quant Time: Sep 16 01:31:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



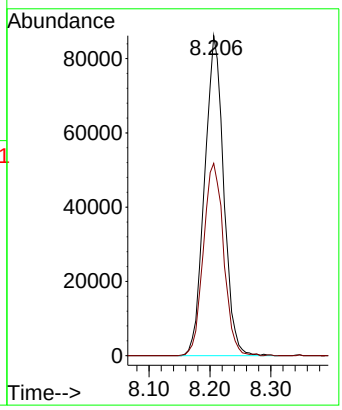


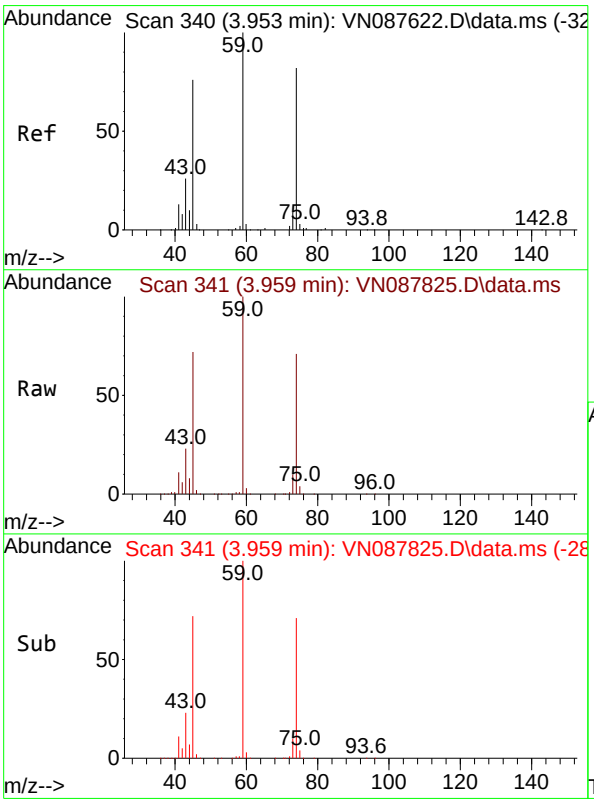
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion:168 Resp: 187821

Ion	Ratio	Lower	Upper
168	100		
99	60.1	57.2	85.8

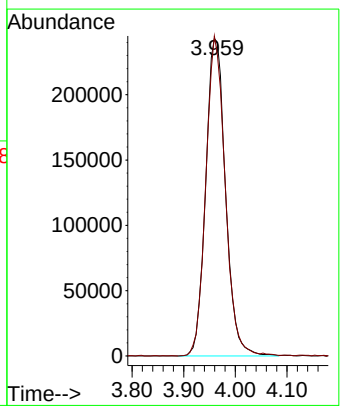


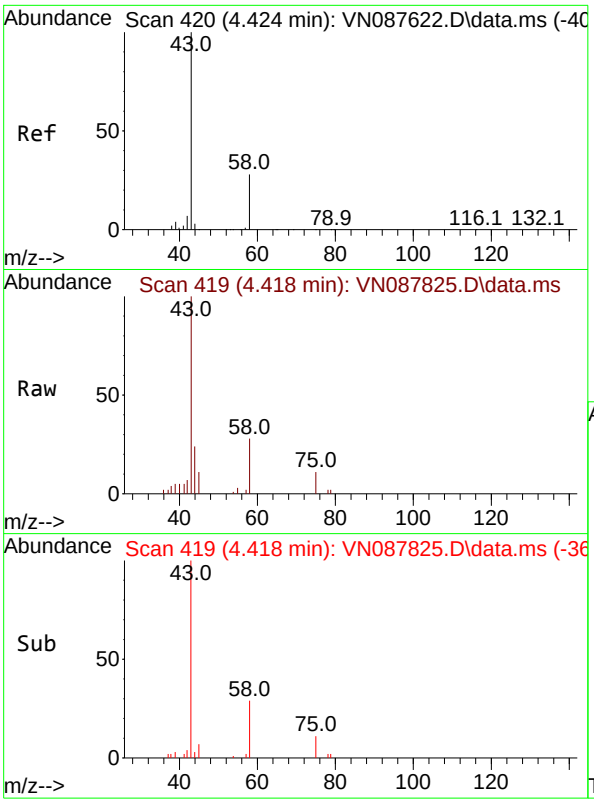


#8
Diethyl Ether
Concen: 318.984 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion: 74 Resp: 646944

Ion	Ratio	Lower	Upper
74	100		
45	98.6	50.6	151.9



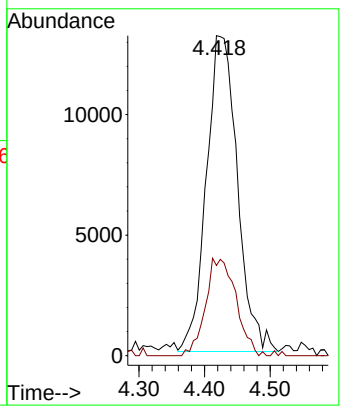


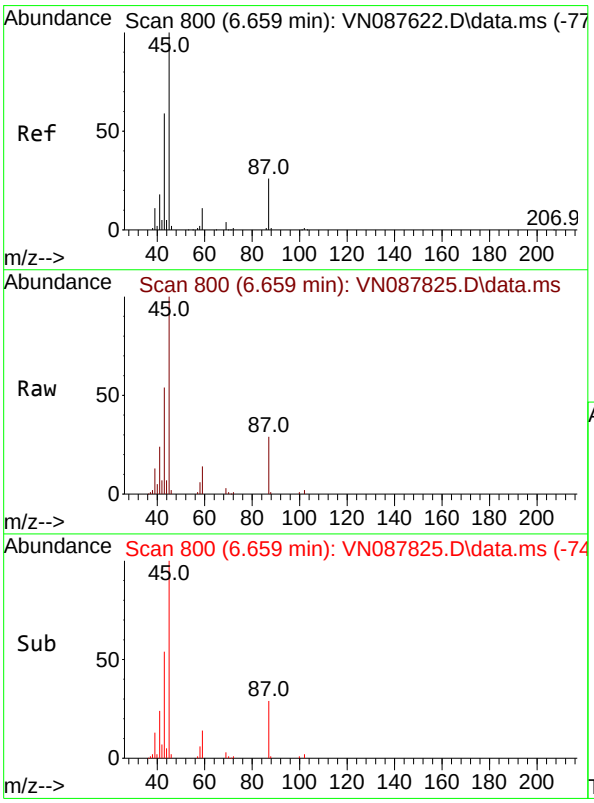
#16
Acetone
Concen: 20.551 ug/l
RT: 4.418 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion: 43 Resp: 43052

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.6	33.8

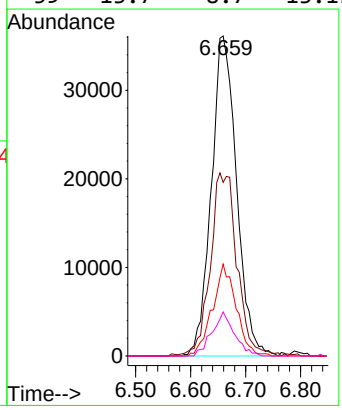


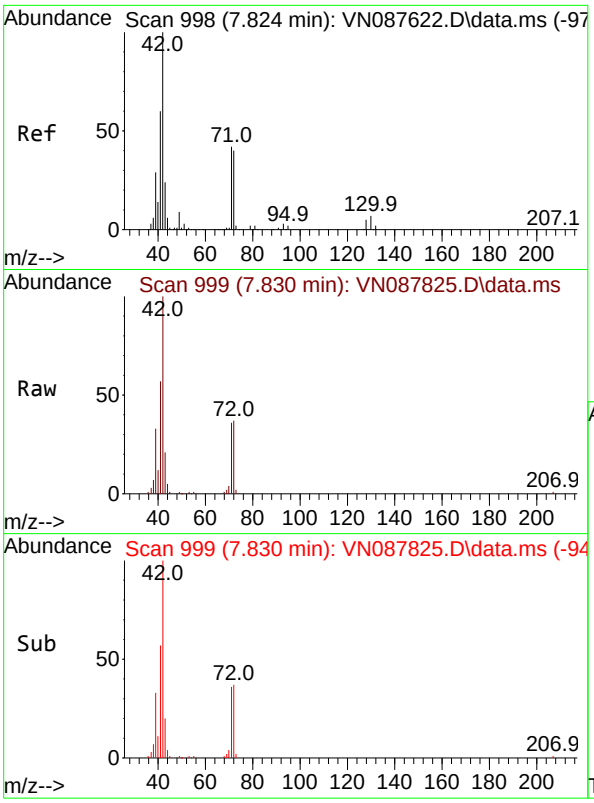


#22
Diisopropyl ether
Concen: 10.884 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion: 45 Resp: 115261

Ion	Ratio	Lower	Upper
45	100		
43	53.8	47.7	71.5
87	28.7	21.4	32.0
59	13.7	8.7	13.1#



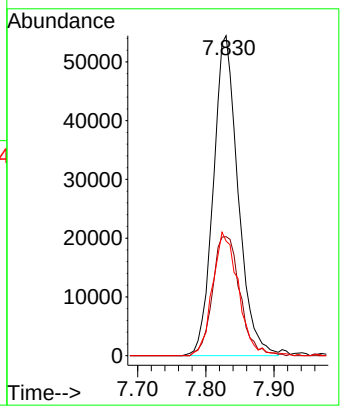


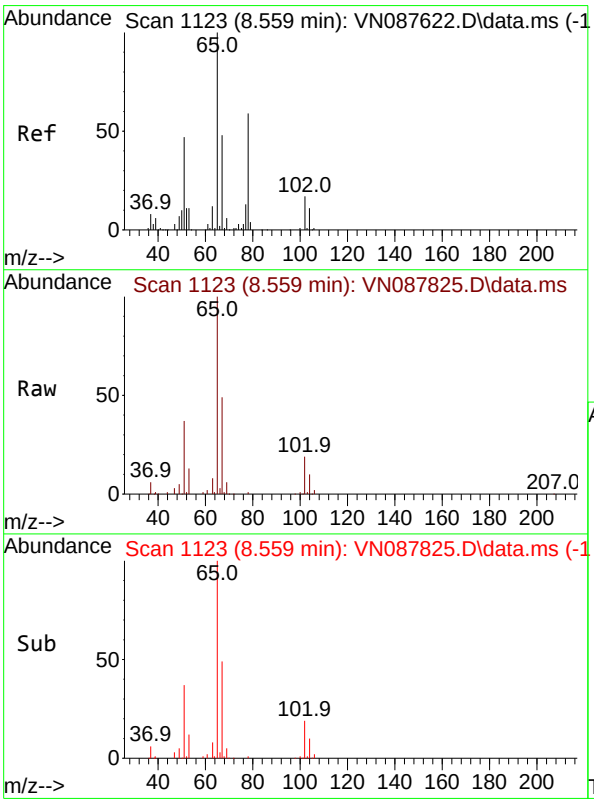
#29
Tetrahydrofuran
Concen: 77.689 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion: 42 Resp: 137795

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.7	50.5
71	40.4	31.9	47.9

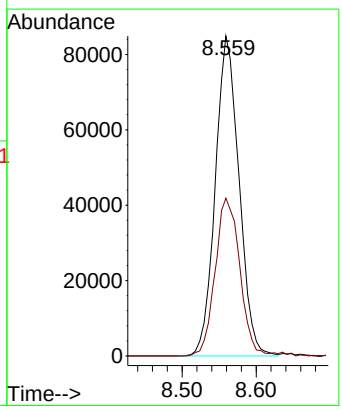


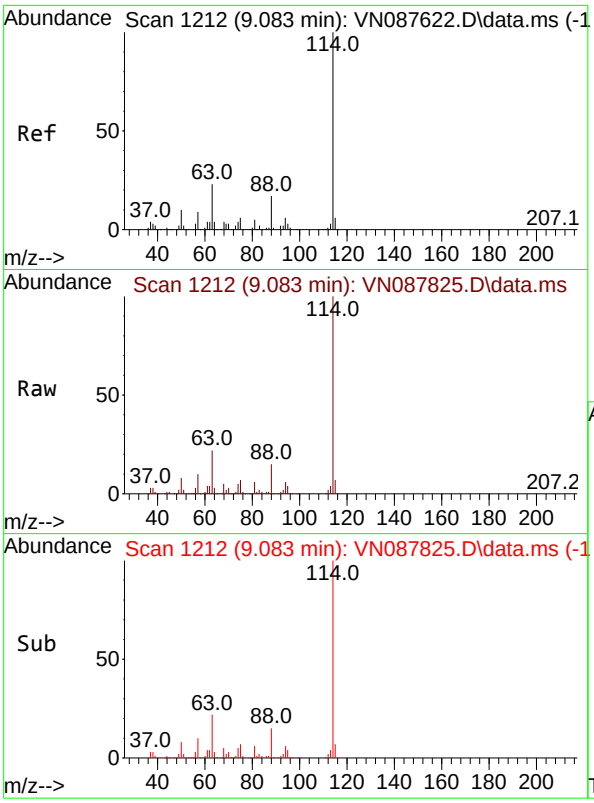


#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion: 65 Resp: 188783

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0



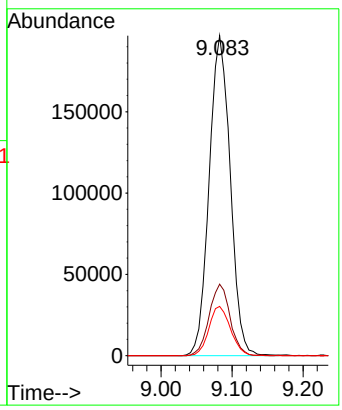


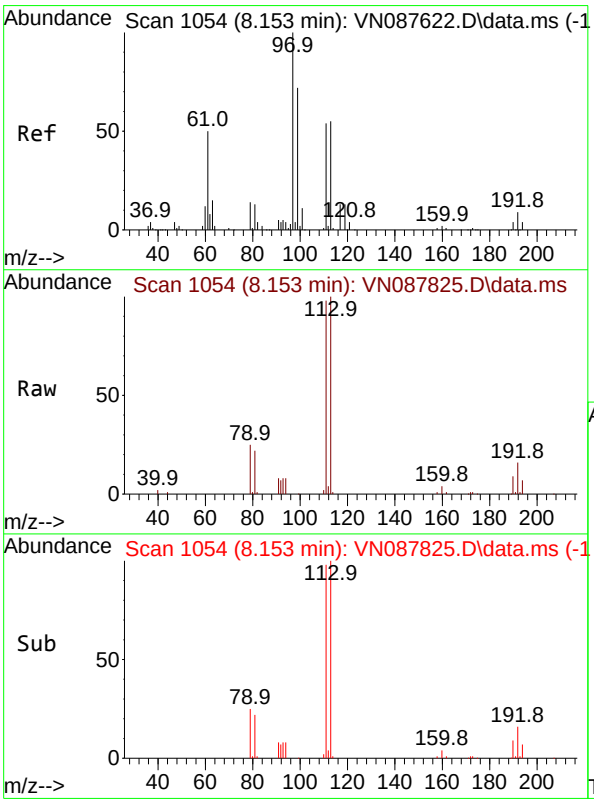
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion:114 Resp: 405329

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.2
88	15.4	0.0	33.4

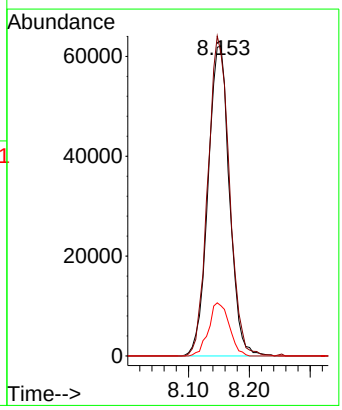


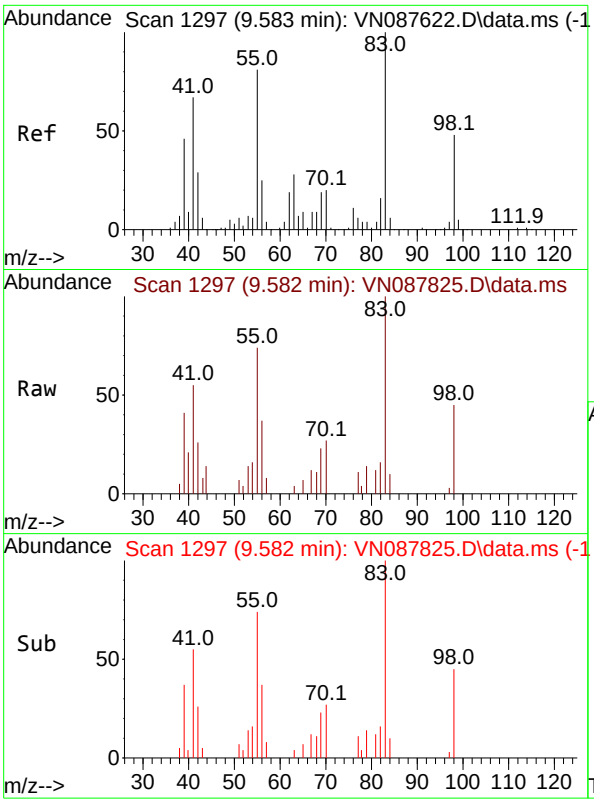


#35
Dibromofluoromethane
Concen: 51.760 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion:113 Resp: 151475

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	16.6	12.8	19.2



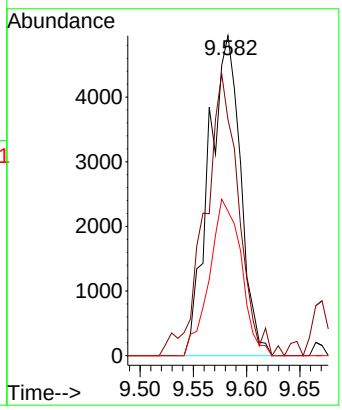


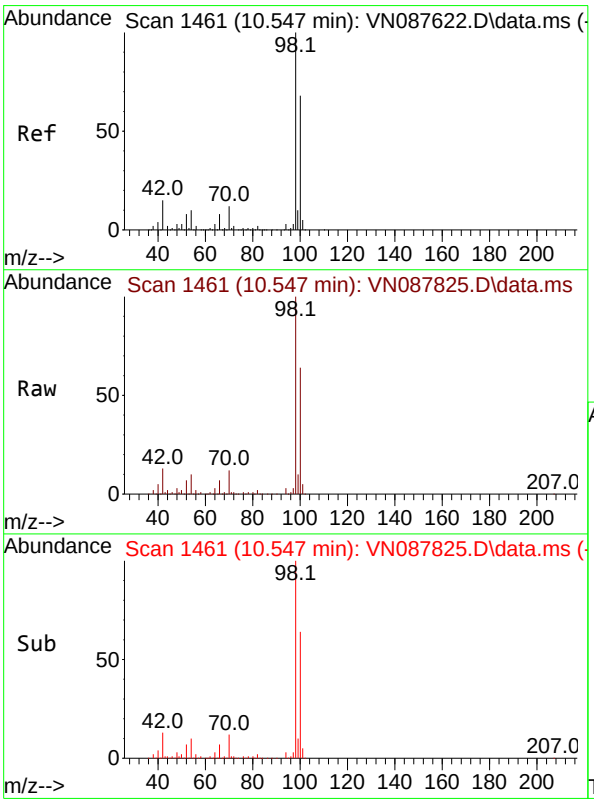
#39
Methylcyclohexane
Concen: 2.069 ug/l
RT: 9.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion: 83 Resp: 10225

Ion	Ratio	Lower	Upper
83	100		
55	70.7	64.6	96.8
98	45.2	38.4	57.6

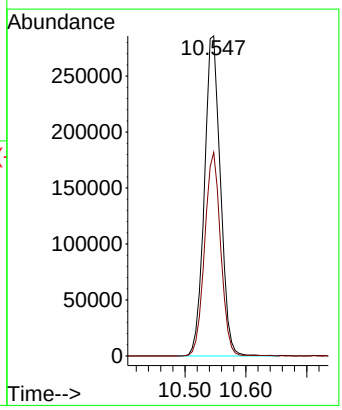


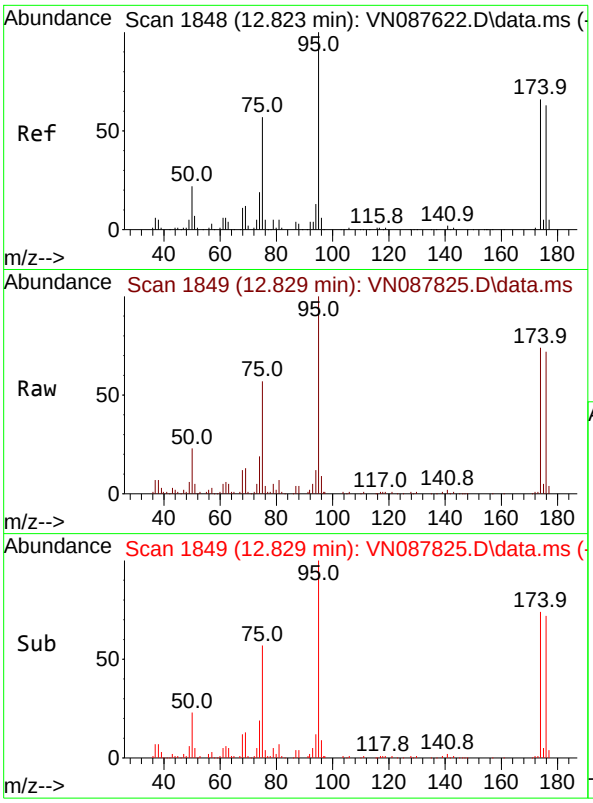


#50
Toluene-d8
Concen: 47.752 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion: 98 Resp: 523037

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.8	79.2



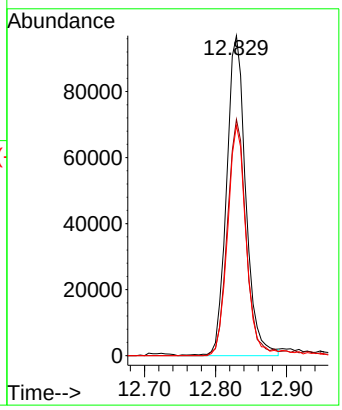


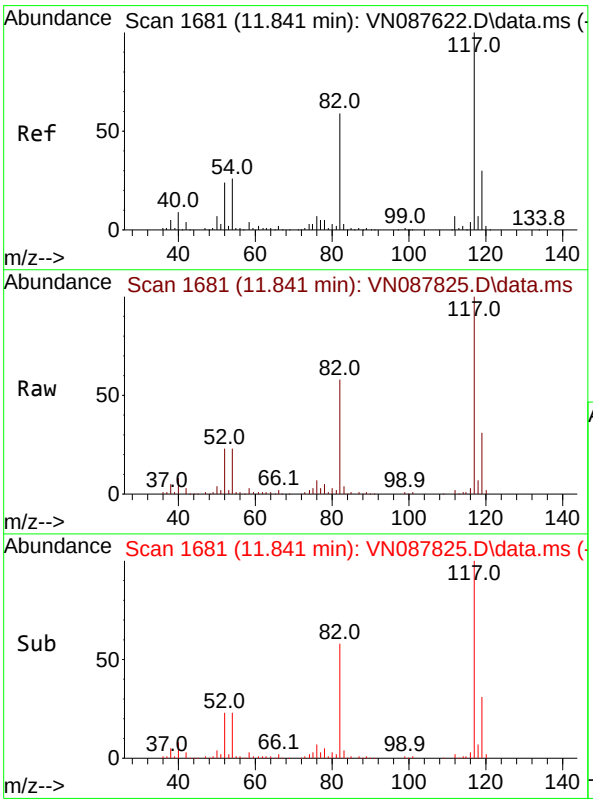
#62
4-Bromofluorobenzene
Concen: 46.701 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion: 95 Resp: 181914

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	71.2	0.0	132.6

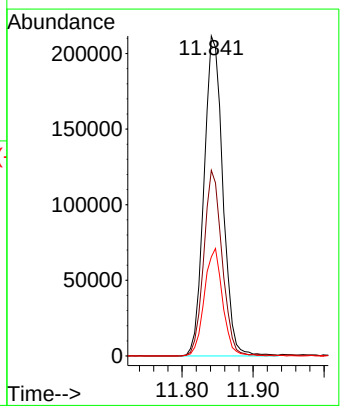


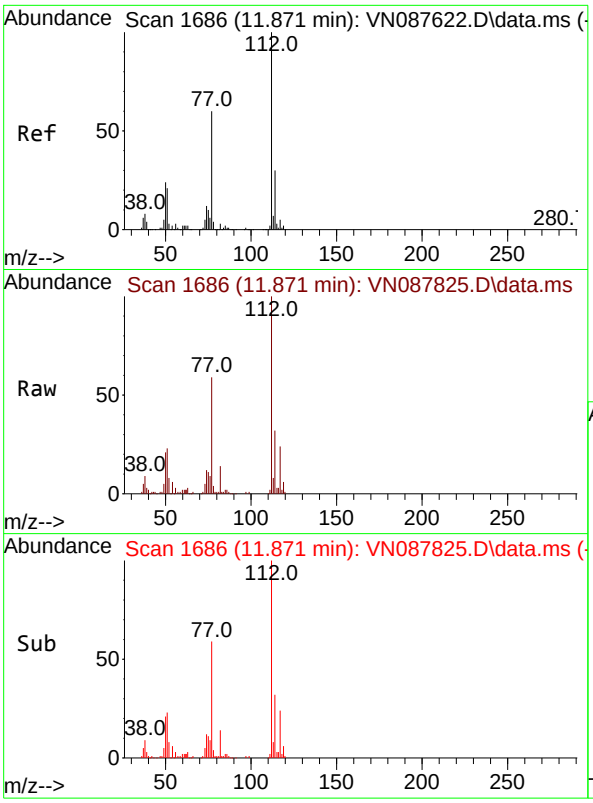


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion:117 Resp: 389909

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	30.9	24.3	36.5



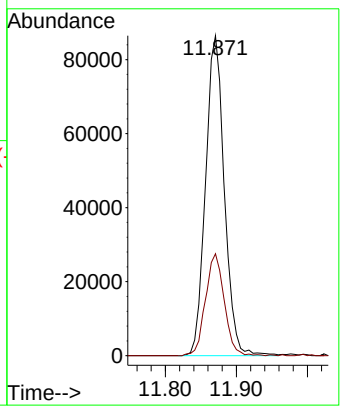


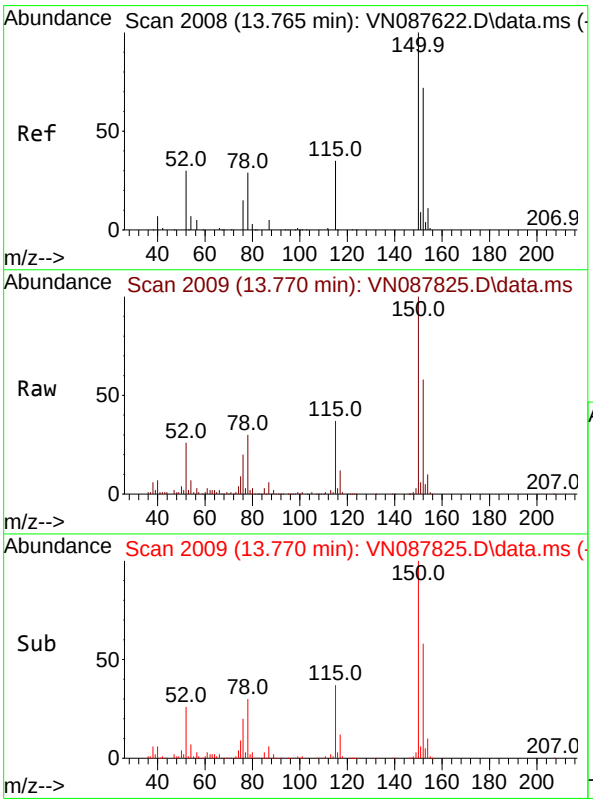
#65
Chlorobenzene
Concen: 16.375 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tgt Ion:112 Resp: 158841

Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.3	36.5

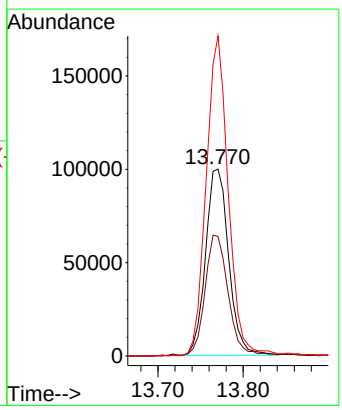




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087825.D
Acq: 15 Sep 2025 10:50

Tgt Ion:152 Resp: 188048

Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.3	96.8
150	164.4	0.0	351.0



Sample Results: **VN087825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087825.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.142	27	32	40	rVB	29340	50352	1.77%	0.355%
2	3.959	331	341	362	rBV	1077214	2843353	100.00%	20.057%
3	4.430	411	421	431	rVB4	27980	96640	3.40%	0.682%
4	6.659	788	800	815	rBV3	96388	307629	10.82%	2.170%
5	7.306	901	910	921	rBV4	14090	41257	1.45%	0.291%
6	7.424	921	930	939	rBV2	28334	80419	2.83%	0.567%
7	7.830	987	999	1012	rBV	176024	469101	16.50%	3.309%
8	8.147	1043	1053	1058	rBV	209729	513870	18.07%	3.625%
9	8.206	1058	1063	1076	rVB	278639	642571	22.60%	4.533%
10	8.559	1115	1123	1131	rBV	229090	521154	18.33%	3.676%
11	8.641	1131	1137	1153	rVB	99250	254424	8.95%	1.795%
12	9.083	1203	1212	1224	rBV	490617	1018786	35.83%	7.186%
13	9.582	1289	1297	1304	rVB4	28905	62553	2.20%	0.441%
14	9.677	1304	1313	1321	rVB6	11332	31587	1.11%	0.223%
15	10.547	1450	1461	1469	rBV	771898	1439622	50.63%	10.155%
16	10.647	1472	1478	1487	rVB3	37419	84885	2.99%	0.599%
17	11.847	1674	1682	1693	rBV2	702453	1783431	62.72%	12.580%
18	12.723	1826	1831	1838	rVB4	29764	47160	1.66%	0.333%
19	12.829	1838	1849	1859	rBV	506617	990740	34.84%	6.989%
20	12.912	1859	1863	1870	rVB8	20245	44137	1.55%	0.311%
21	13.406	1940	1947	1952	rBV5	32245	64264	2.26%	0.453%
22	13.594	1969	1979	1987	rBV10	20341	70792	2.49%	0.499%
23	13.718	1993	2000	2004	rBV	261407	450531	15.85%	3.178%
24	13.770	2004	2009	2021	rVV	704420	1385313	48.72%	9.772%
25	14.088	2059	2063	2070	rVB7	25090	46812	1.65%	0.330%
26	14.306	2097	2100	2108	rVB2	29255	52085	1.83%	0.367%
27	14.417	2114	2119	2125	rVB4	20008	41712	1.47%	0.294%
28	14.506	2125	2134	2136	rBV7	26071	53840	1.89%	0.380%
29	14.541	2136	2140	2148	rVV3	100529	191752	6.74%	1.353%
30	14.629	2149	2155	2160	rVV	62966	117961	4.15%	0.832%
31	14.688	2161	2165	2173	rVB6	18573	40605	1.43%	0.286%
32	14.900	2195	2201	2213	rVB6	21783	56937	2.00%	0.402%
33	15.017	2213	2221	2226	rBV6	28407	76494	2.69%	0.540%
34	15.259	2253	2262	2264	rBV7	29447	59962	2.11%	0.423%
35	15.970	2376	2383	2396	rVB2	23828	60070	2.11%	0.424%
36	16.229	2418	2427	2435	rVB2	37498	83884	2.95%	0.592%

Sample Results: **VN087825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Sum of corrected areas: 14176685

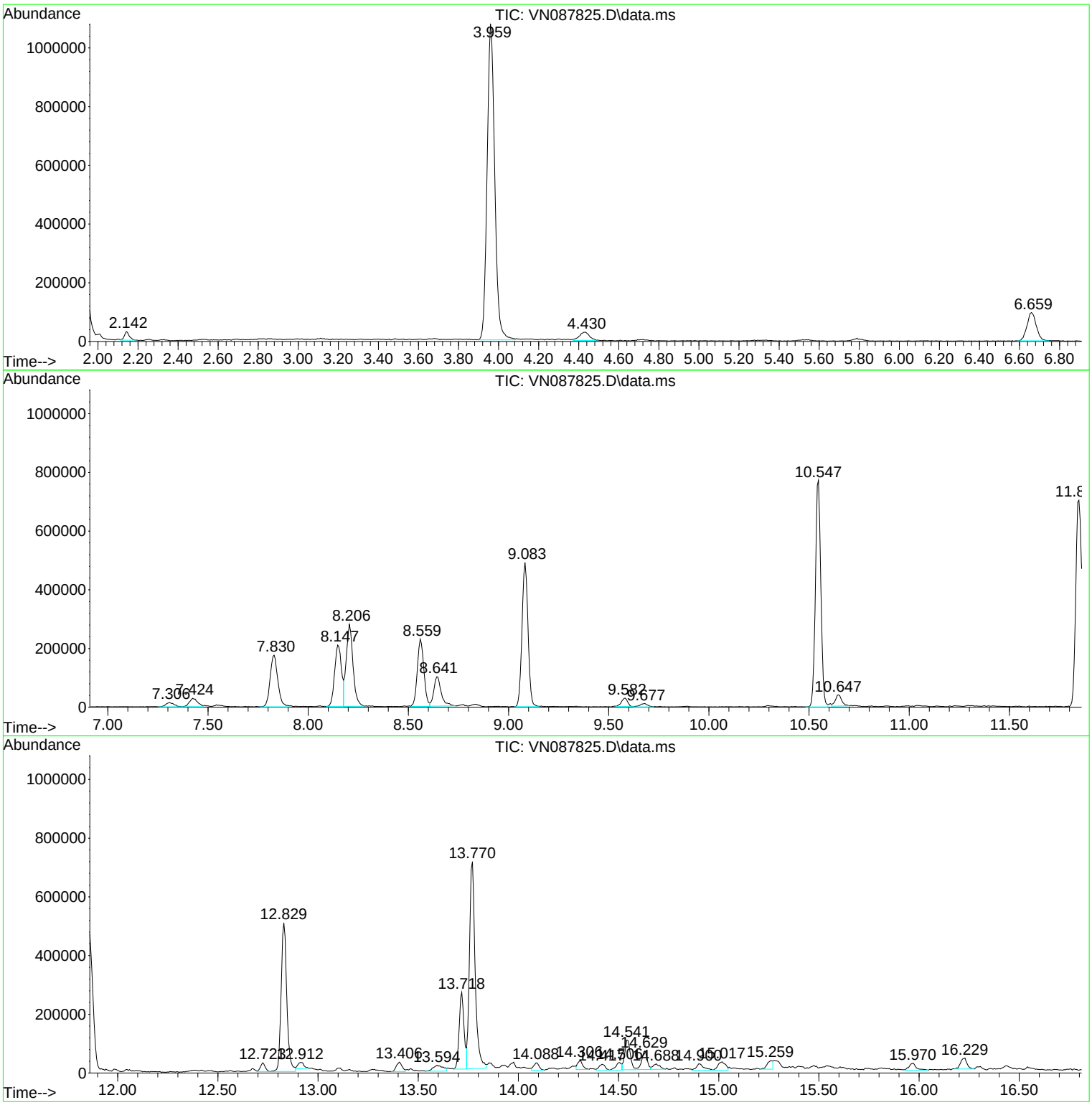
Sample Results: **VN087825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

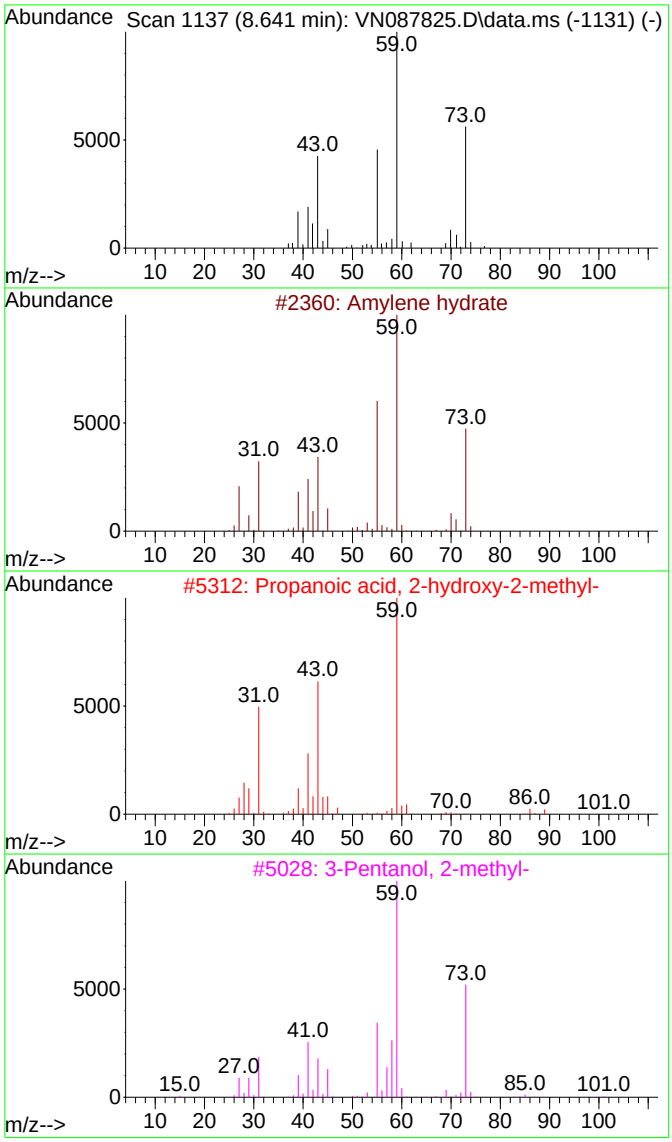
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

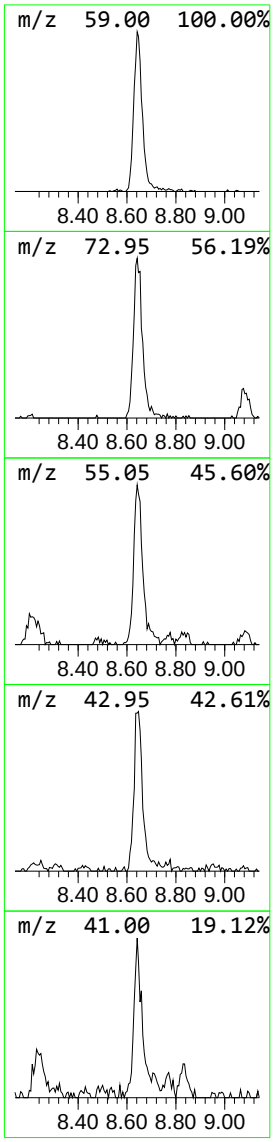
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Amylene hydrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.641	19.80 ug/l	254424	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	74
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
4	Butanamide	87	C4H9NO	000541-35-5	38
5	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

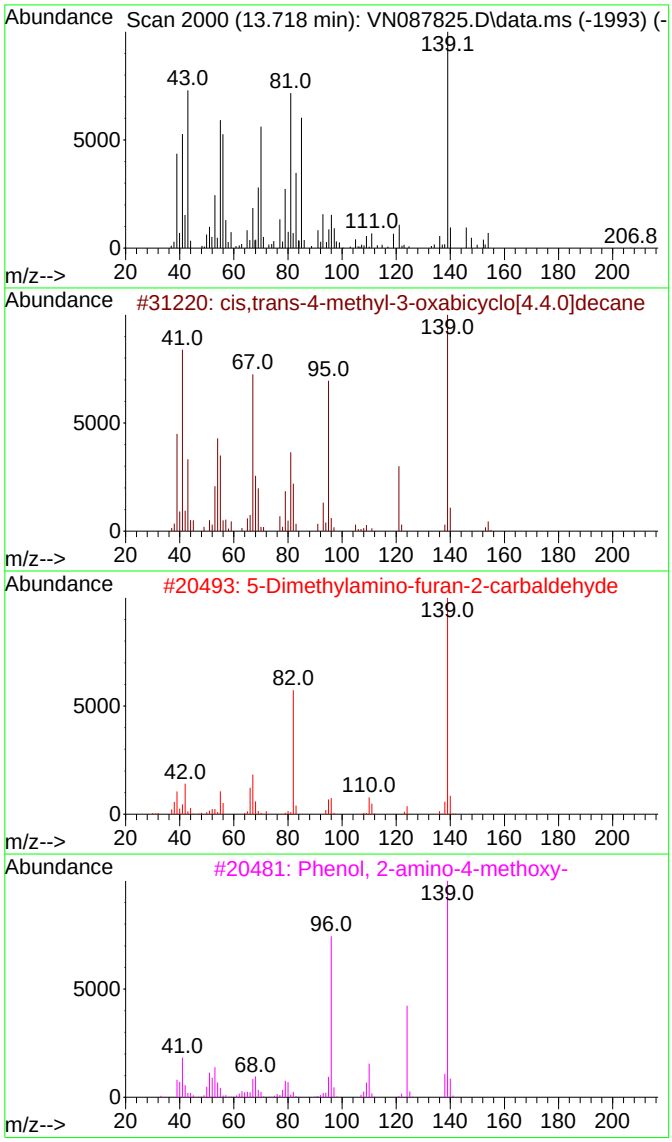
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

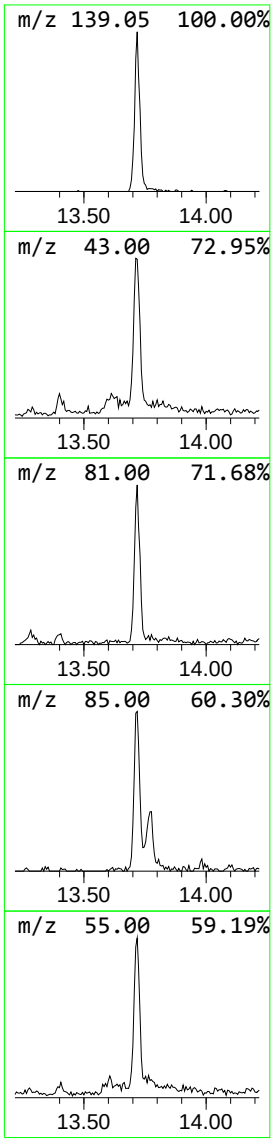
****

Peak Number 3 unknown13.717 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.717	16.26 ug/l	450531	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-4-methyl-3-oxabicyclo[...	154	C10H18O	1000216-89-8	25
2	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	25
3	Phenol, 2-amino-4-methoxy-	139	C7H9NO2	1000317-14-7	25
4	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	22
5	1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

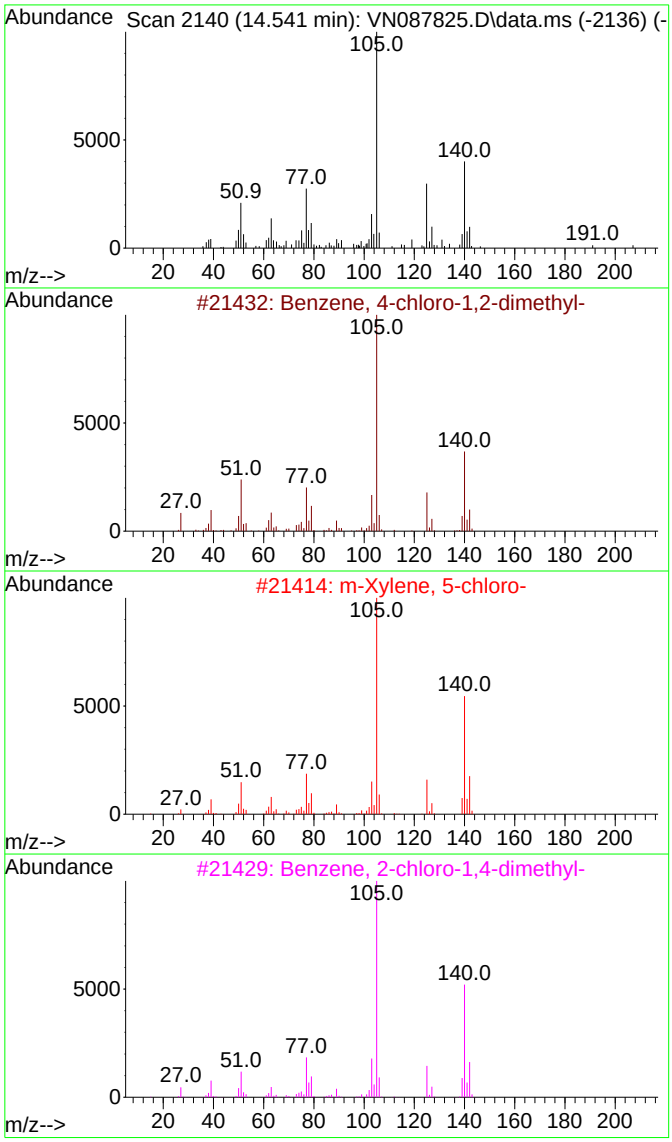
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

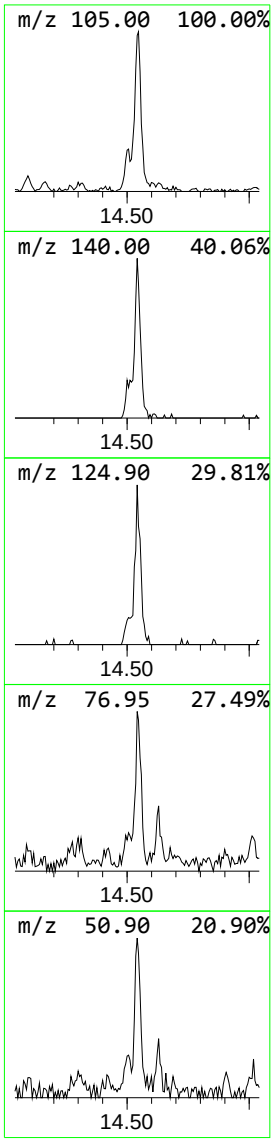
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-chloro-1,2-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	6.92 ug/l	191752	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94
2	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	93
3	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	91
4	Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	81
5	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087825.D
Acq On : 15 Sep 2025 10:50
Operator : JC\MD
Sample : Q3083-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene hydrate	8.641	19.8	ug/l	254424	1	8.206	642571	50.0
unknown13.717	13.717	16.3	ug/l	450531	4	13.771	1385310	50.0
Benzene, 4-chlo...	14.541	6.9	ug/l	191752	4	13.771	1385310	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Quant Time: Sep 12 02:57:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

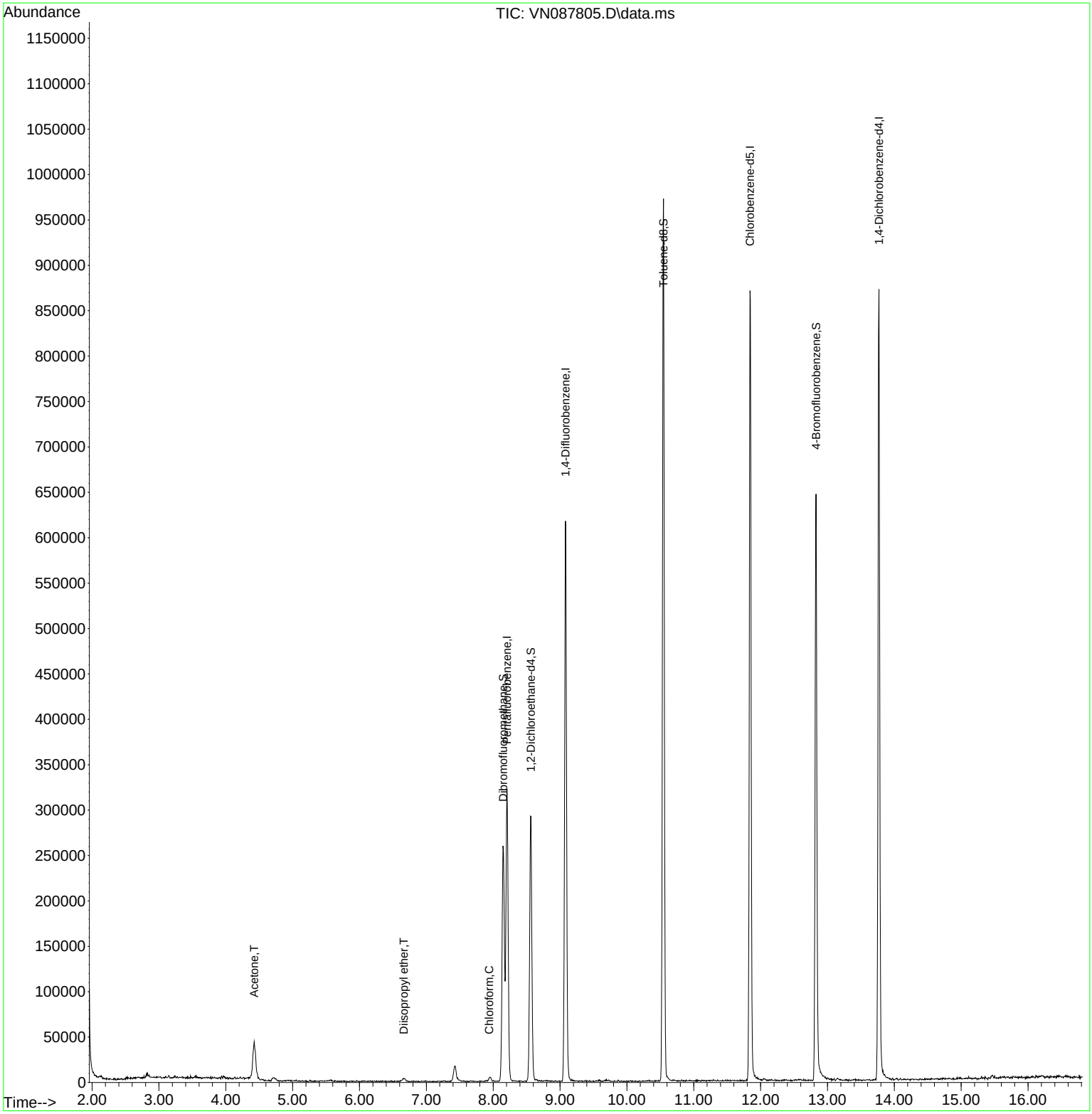
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	220322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	503440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	493455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	228190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	242746	53.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.540%			
35) Dibromofluoromethane	8.147	113	189798	52.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.440%			
50) Toluene-d8	10.547	98	653379	48.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.060%			
62) 4-Bromofluorobenzene	12.829	95	228728	47.276	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.560%			
Target Compounds						Qvalue
16) Acetone	4.424	43	80974	32.952	ug/l	99
22) Diisopropyl ether	6.665	45	4214	0.339	ug/l #	85
30) Chloroform	7.941	83	5171	0.744	ug/l #	68

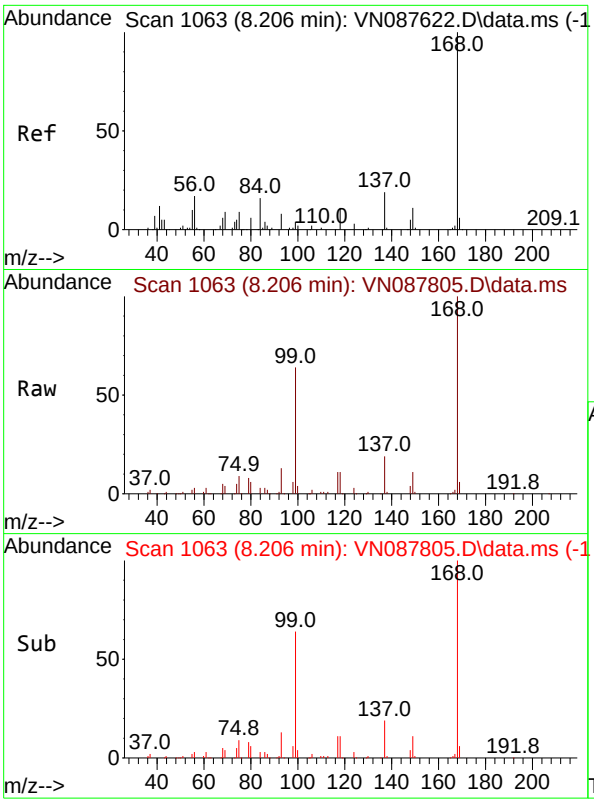
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Quant Time: Sep 12 02:57:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



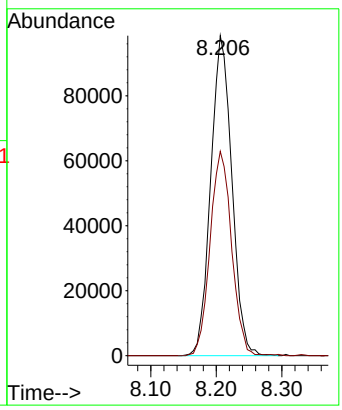


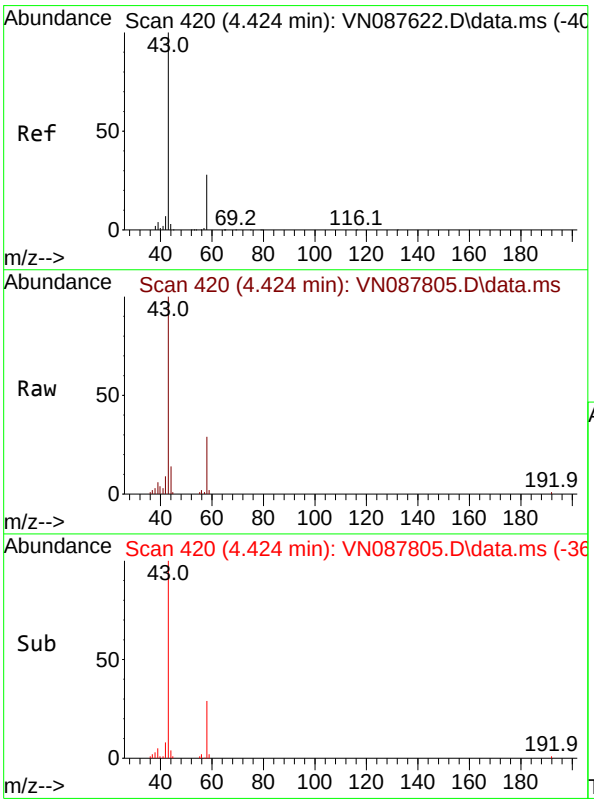
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion:168 Resp: 220322

Ion	Ratio	Lower	Upper
168	100		
99	63.8	57.2	85.8

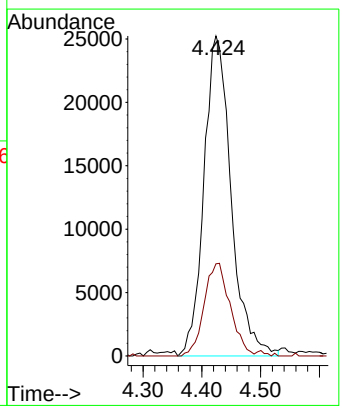


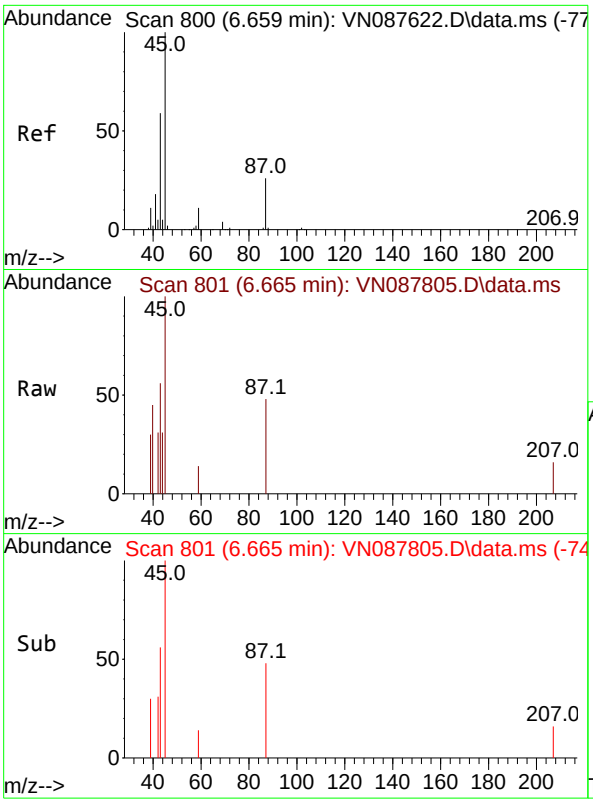


#16
Acetone
Concen: 32.952 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Tgt Ion: 43 Resp: 80974

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	33.8



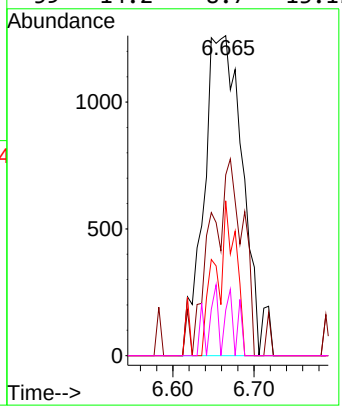


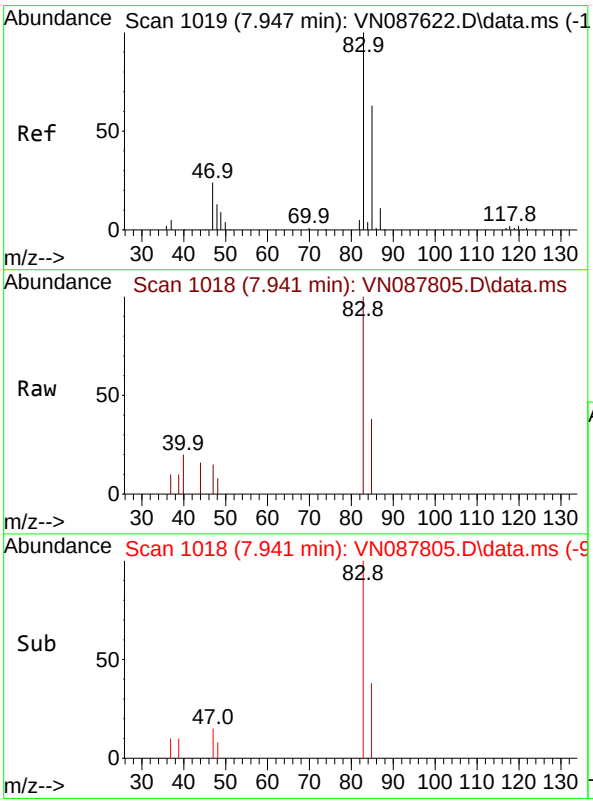
#22
Diisopropyl ether
Concen: 0.339 ug/l
RT: 6.665 min Scan# 8
Delta R.T. 0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion: 45 Resp: 4214

Ion	Ratio	Lower	Upper
45	100		
43	56.5	47.7	71.5
87	48.4	21.4	32.0#
59	14.2	8.7	13.1#

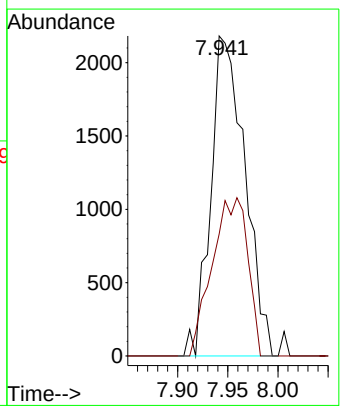


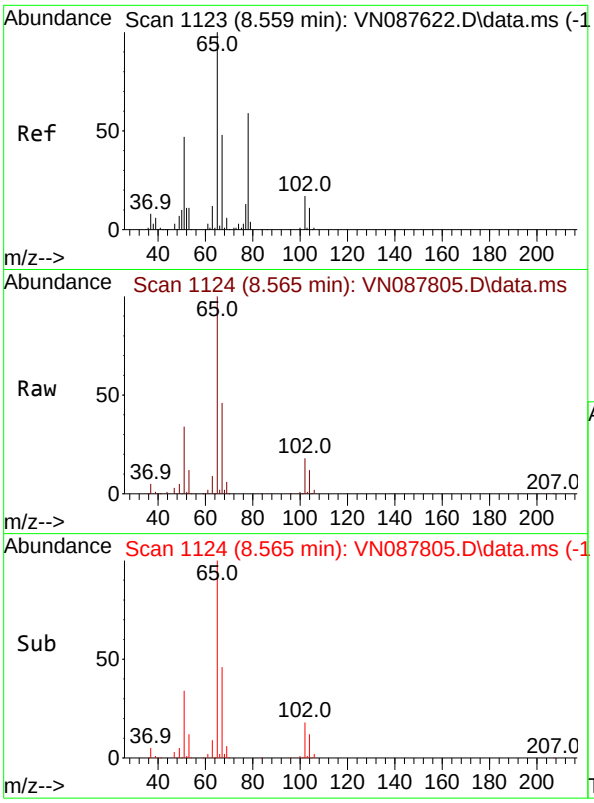


#30
Chloroform
Concen: 0.744 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Tgt Ion: 83 Resp: 5171

Ion	Ratio	Lower	Upper
83	100		
85	38.1	50.7	76.1#



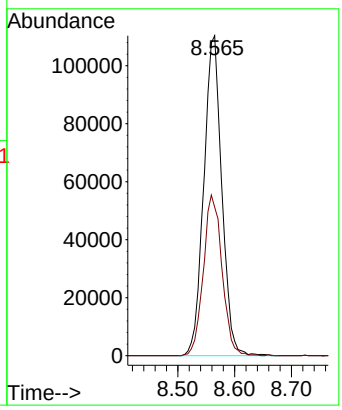


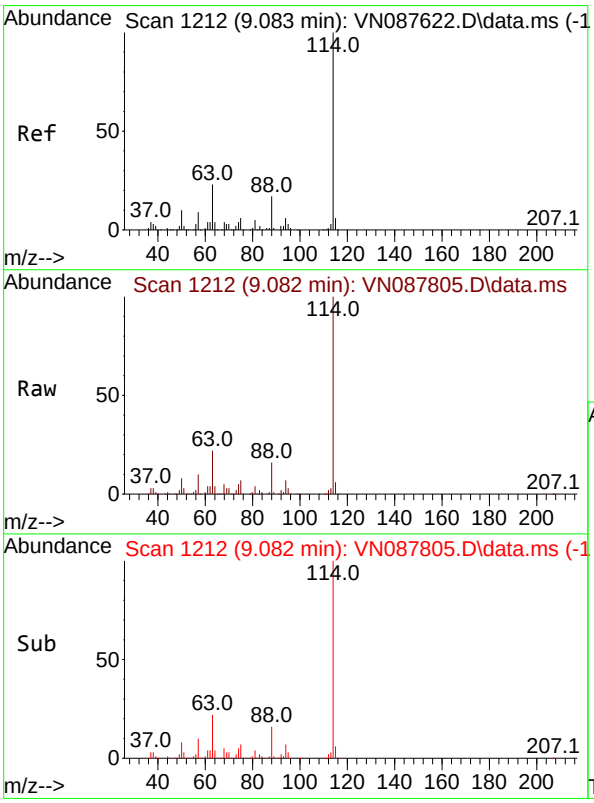
#33
1,2-Dichloroethane-d4
Concen: 53.775 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion: 65 Resp: 242746

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.0

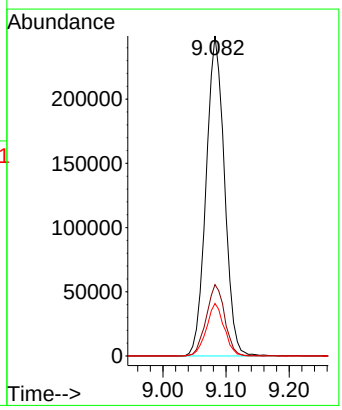


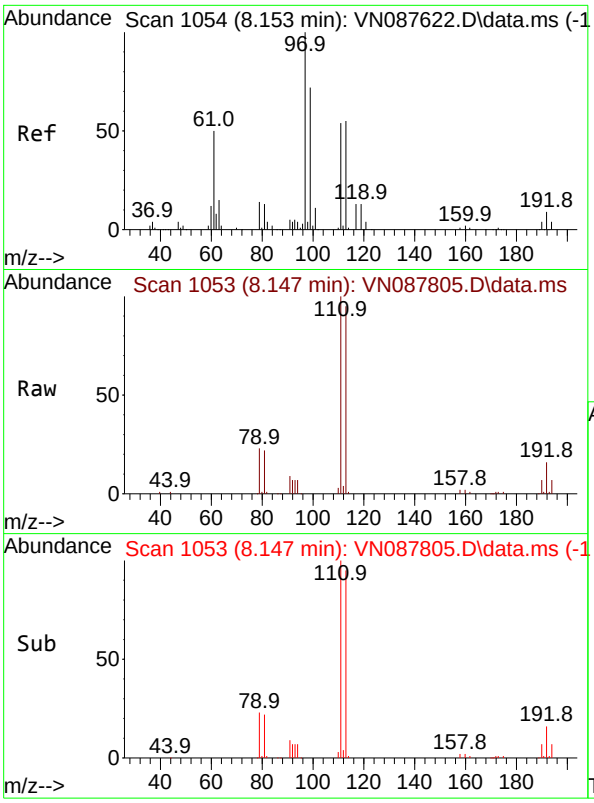


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Tgt Ion:114 Resp: 503440

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	16.4	0.0	33.4



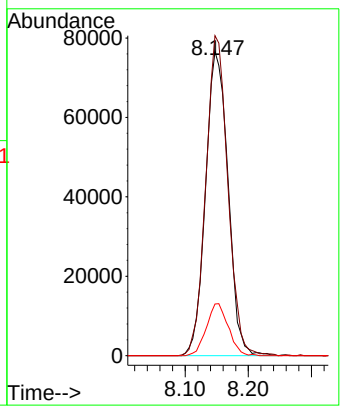


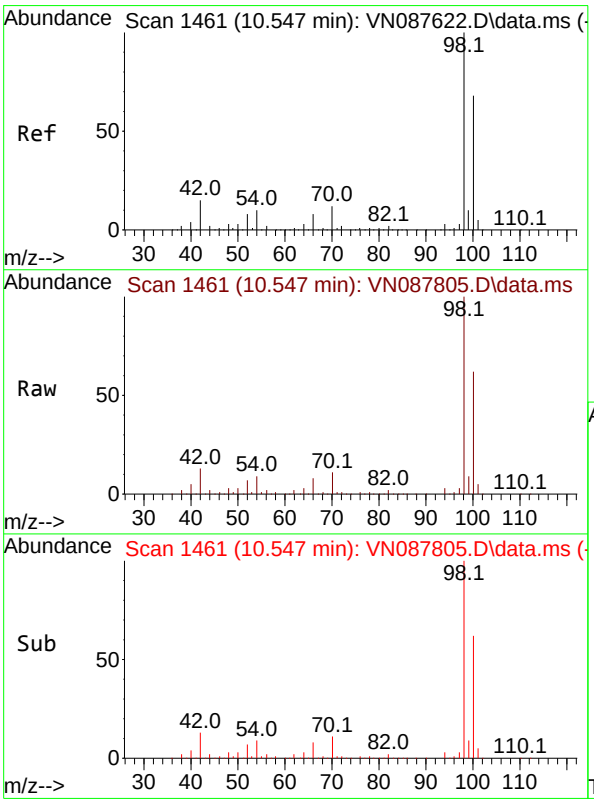
#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion:113 Resp: 189798

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	16.6	12.8	19.2

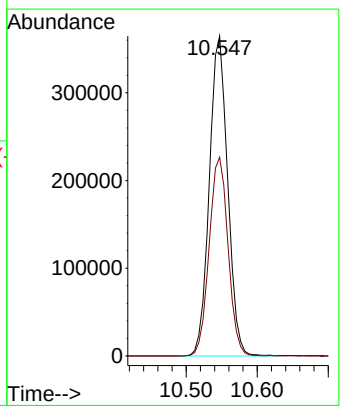


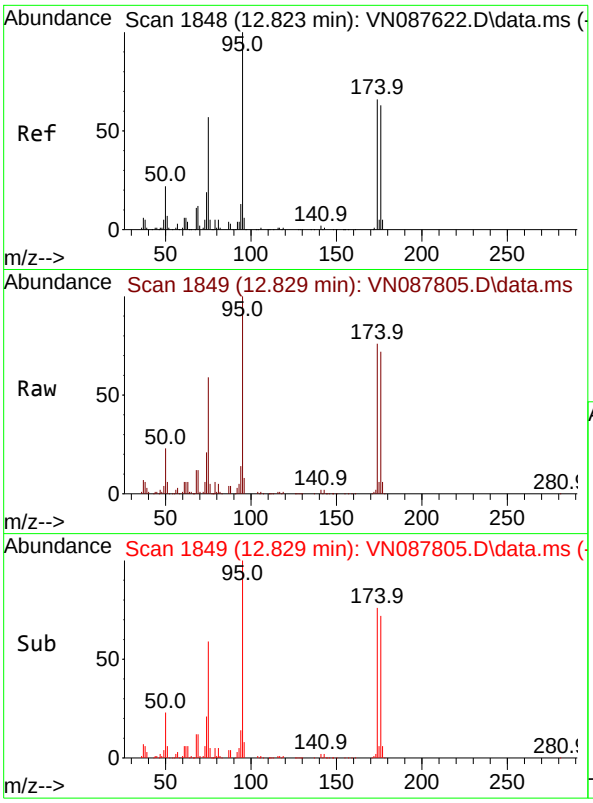


#50
Toluene-d8
Concen: 48.027 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Tgt Ion: 98 Resp: 653379

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.8	79.2



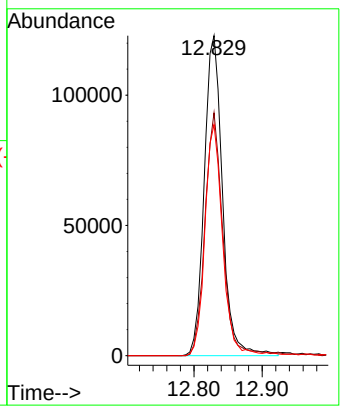


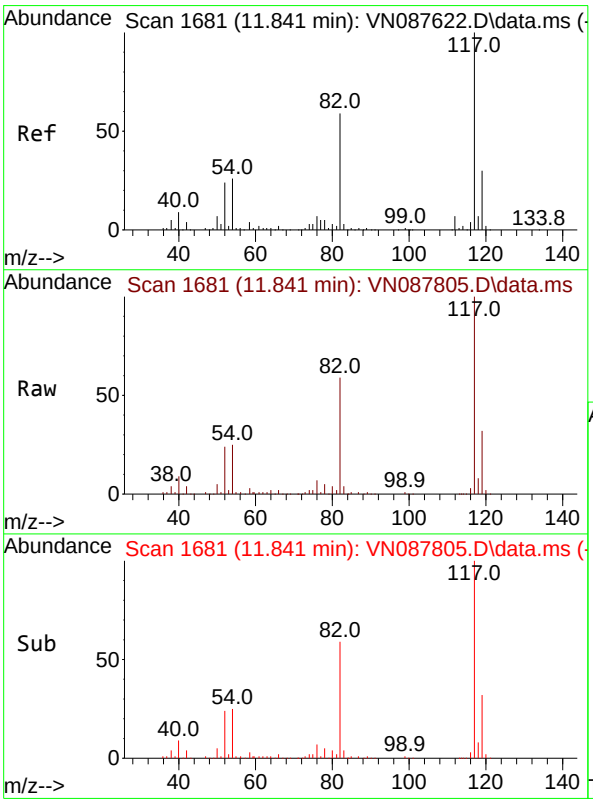
#62
4-Bromofluorobenzene
Concen: 47.276 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion: 95 Resp: 228728

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	138.4
176	69.5	0.0	132.6

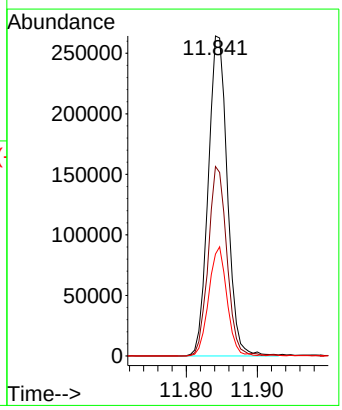


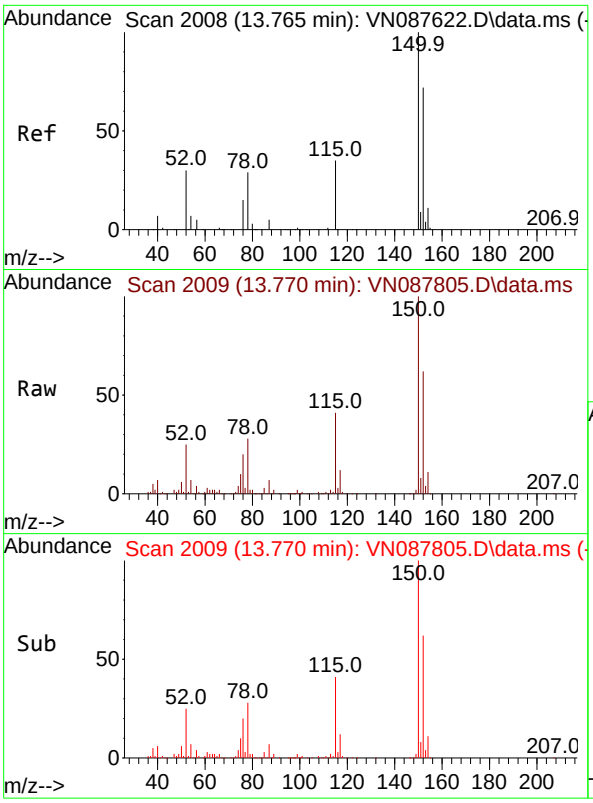


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Tgt Ion:117 Resp: 493455

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	31.9	24.3	36.5



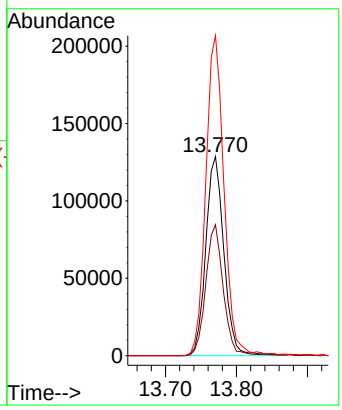


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087805.D
Acq: 11 Sep 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Tgt Ion:152 Resp: 228190

Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.3	96.8
150	162.4	0.0	351.0



Sample Results: **VN087805.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087805.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	412	420	430	rVB	40037	115301	6.40%	1.196%
2	7.430	920	931	937	rBV2	17302	48984	2.72%	0.508%
3	8.147	1042	1053	1058	rBV	259407	634458	35.19%	6.582%
4	8.206	1058	1063	1078	rVB	322383	733177	40.67%	7.606%
5	8.559	1112	1123	1134	rBV2	292676	676037	37.50%	7.013%
6	9.082	1203	1212	1226	rBV	617064	1258936	69.83%	13.060%
7	10.547	1452	1461	1472	rBV	971721	1802784	100.00%	18.702%
8	11.841	1673	1681	1692	rBV	870451	1615738	89.62%	16.762%
9	12.829	1841	1849	1867	rBV	645858	1197476	66.42%	12.423%
10	13.770	2001	2009	2022	rBV	871348	1556587	86.34%	16.148%

Sum of corrected areas: 9639478

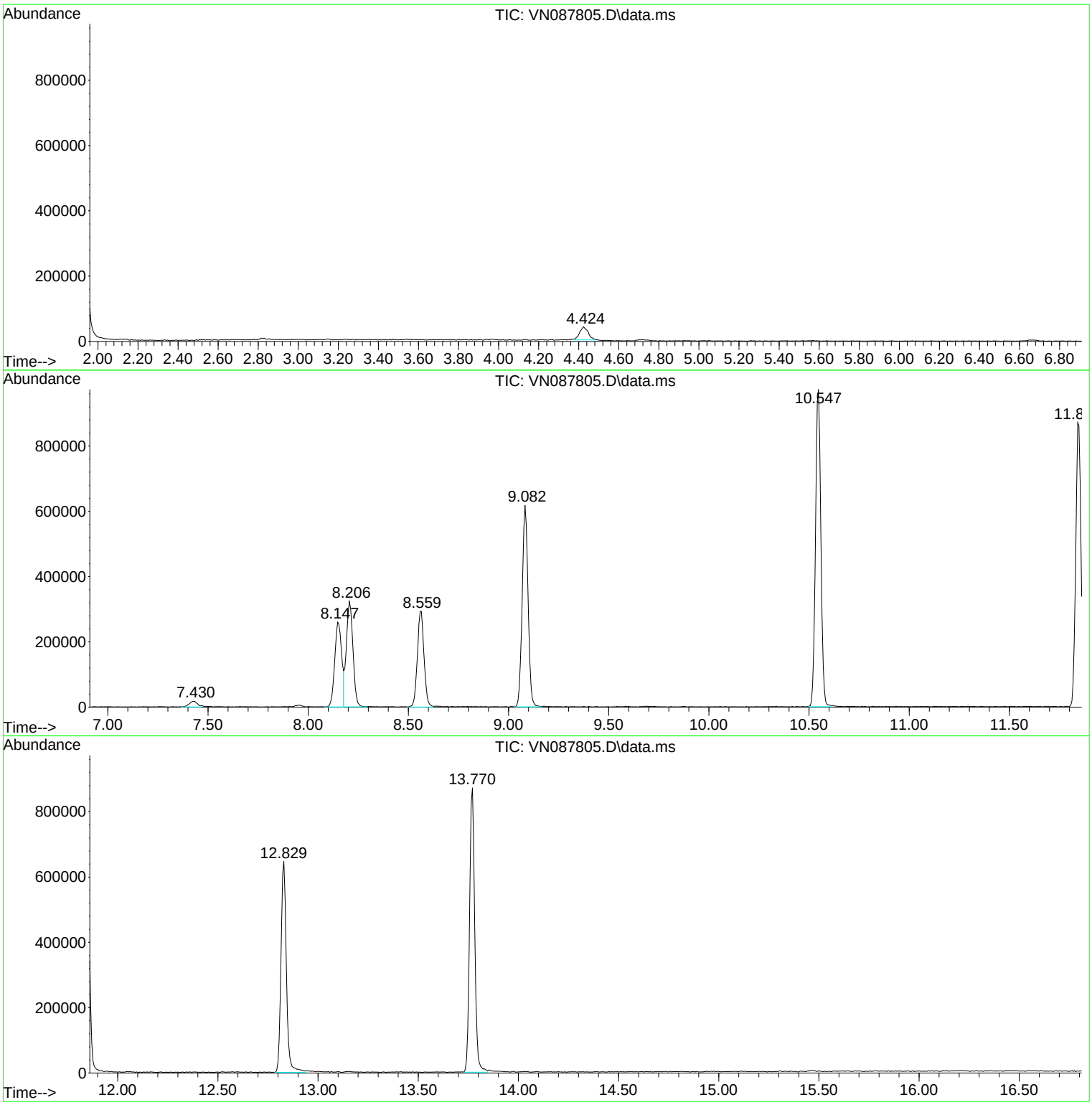
Sample Results: **VN087805.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087805.D
Acq On : 11 Sep 2025 17:51
Operator : JC\MD
Sample : Q3083-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4I

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Quant Time: Sep 12 02:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

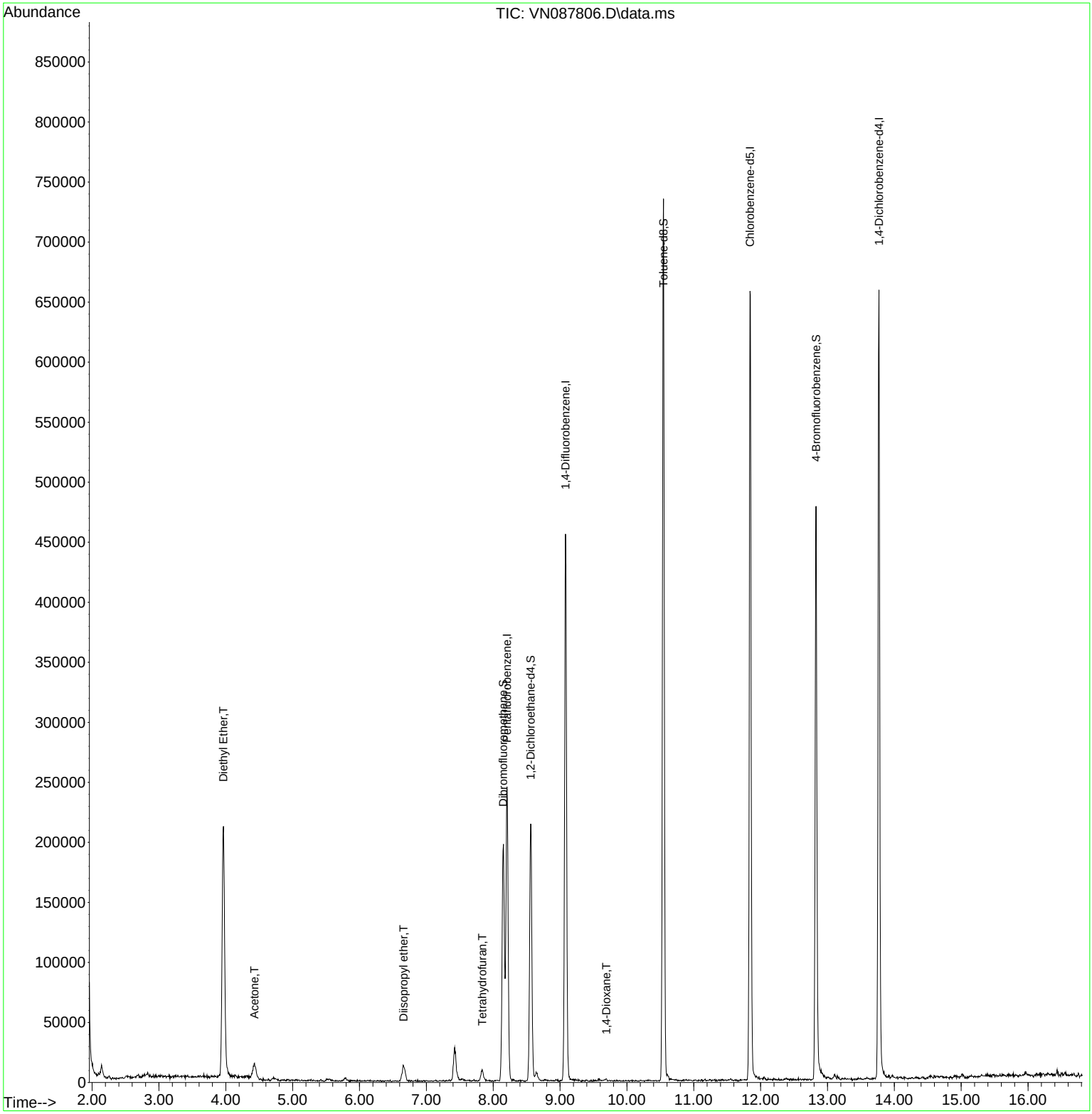
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	165866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	379915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	368148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	175104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	181115	53.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.580%			
35) Dibromofluoromethane	8.147	113	143050	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.547	98	498776	48.583	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.160%			
62) 4-Bromofluorobenzene	12.829	95	167282	45.817	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.640%			
Target Compounds						Qvalue
8) Diethyl Ether	3.965	74	127017	70.917	ug/l	99
16) Acetone	4.430	43	21721	11.741	ug/l	98
22) Diisopropyl ether	6.659	45	15469	1.654	ug/l	92
29) Tetrahydrofuran	7.836	42	6398	4.085	ug/l #	90
49) 1,4-Dioxane	9.694	88	1208	21.948	ug/l #	91

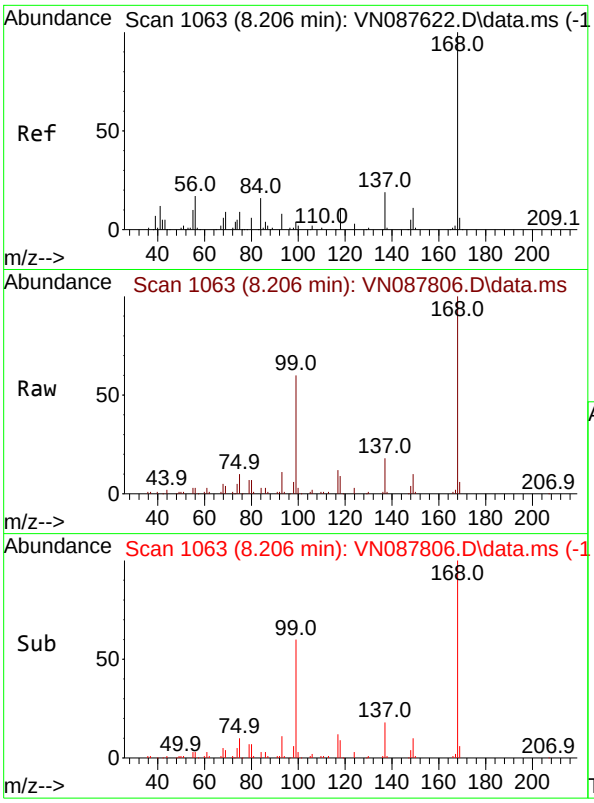
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Quant Time: Sep 12 02:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



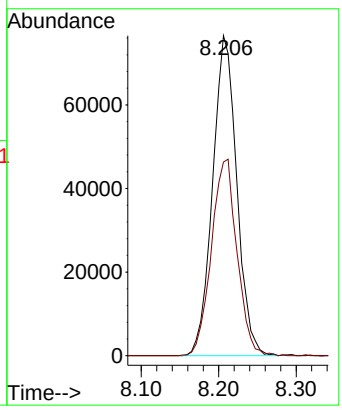


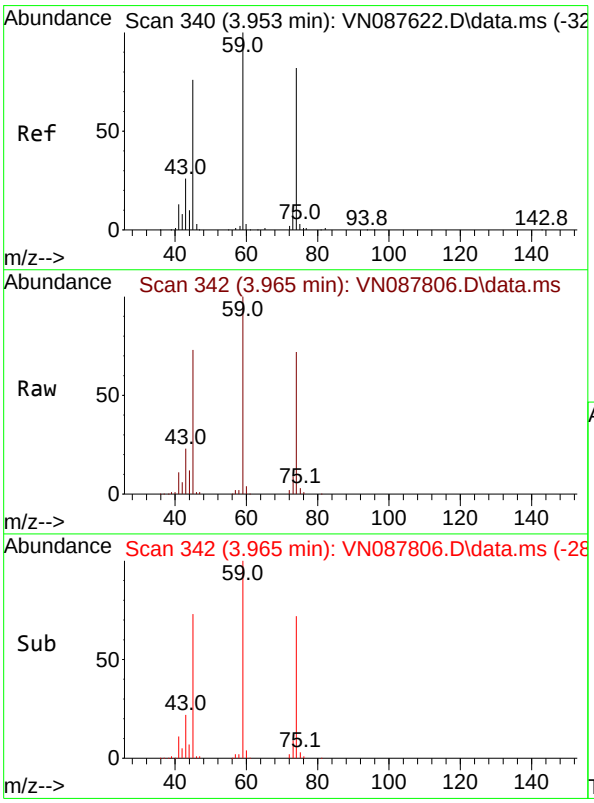
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion:168 Resp: 165866

Ion	Ratio	Lower	Upper
168	100		
99	60.5	57.2	85.8

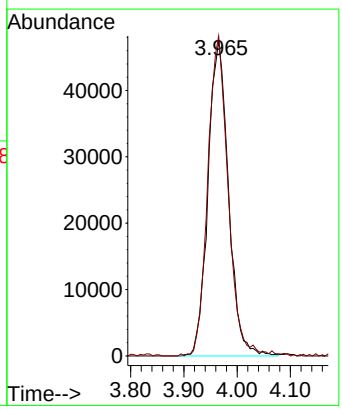


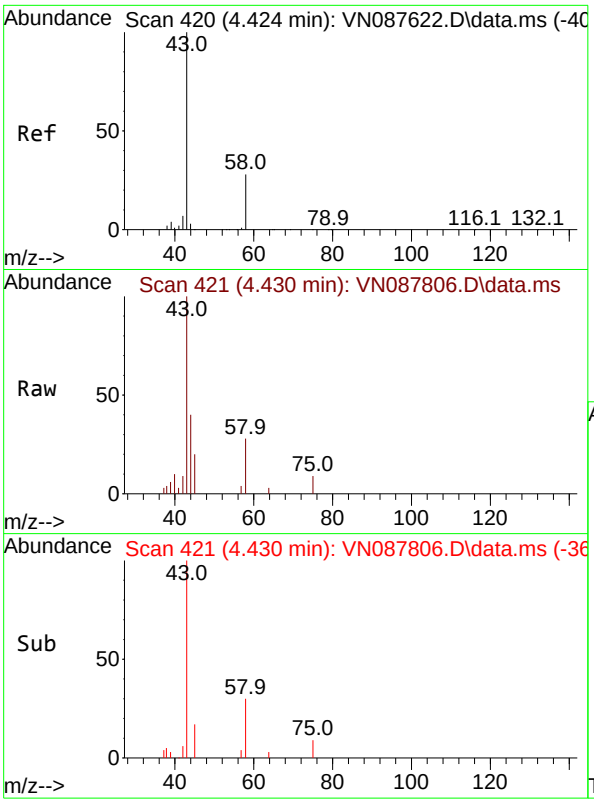


#8
Diethyl Ether
Concen: 70.917 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion: 74 Resp: 127017

Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.6	151.9



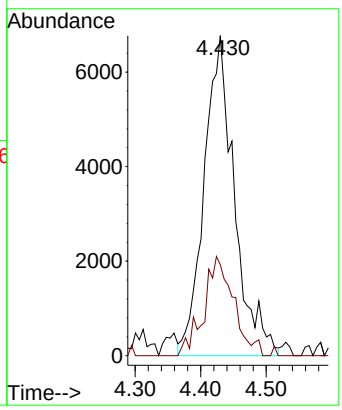


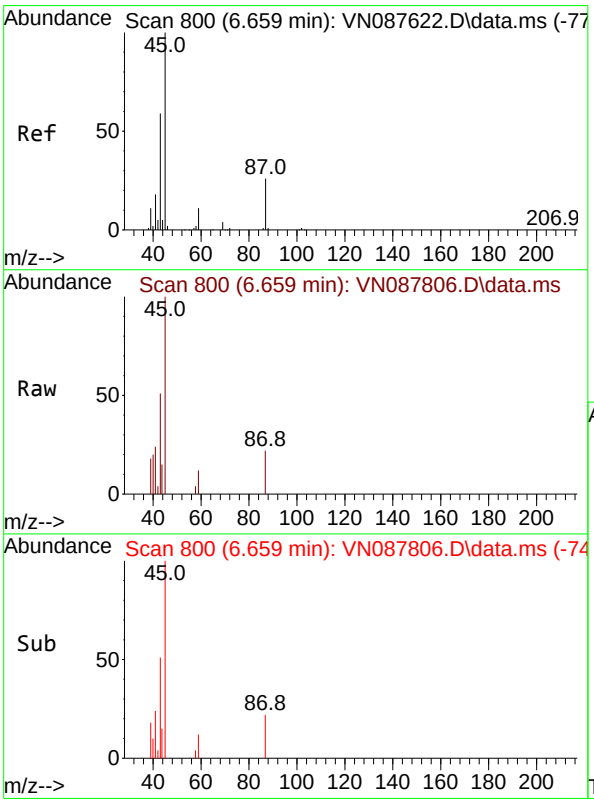
#16
Acetone
Concen: 11.741 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion: 43 Resp: 21721

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.6	33.8

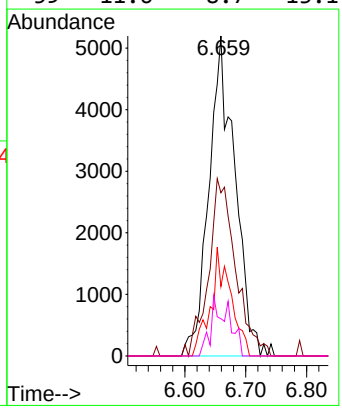


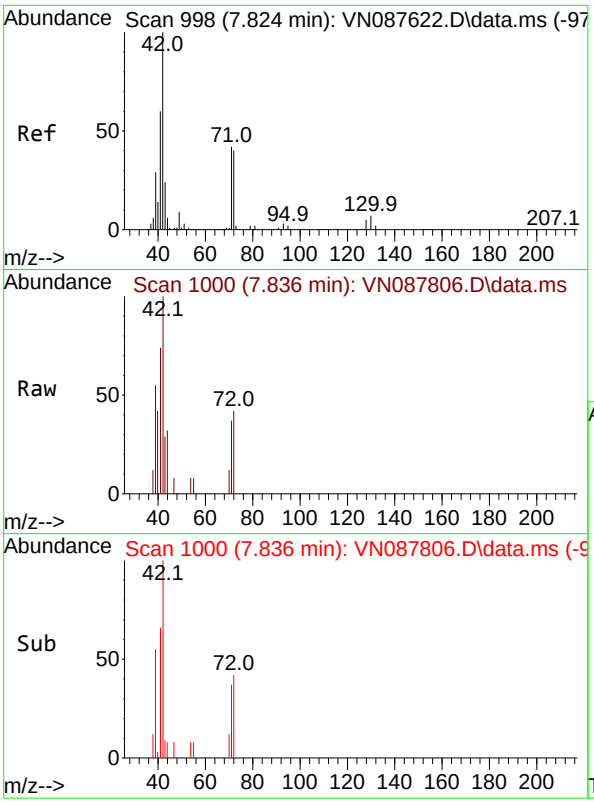


#22
Diisopropyl ether
Concen: 1.654 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion: 45 Resp: 15469

Ion	Ratio	Lower	Upper
45	100		
43	66.3	47.7	71.5
87	21.7	21.4	32.0
59	11.6	8.7	13.1



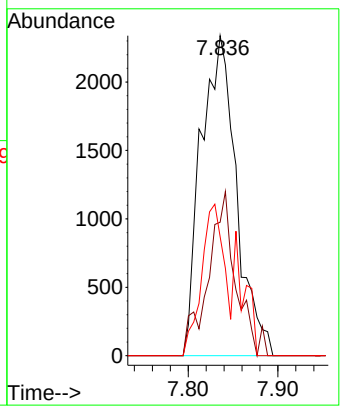


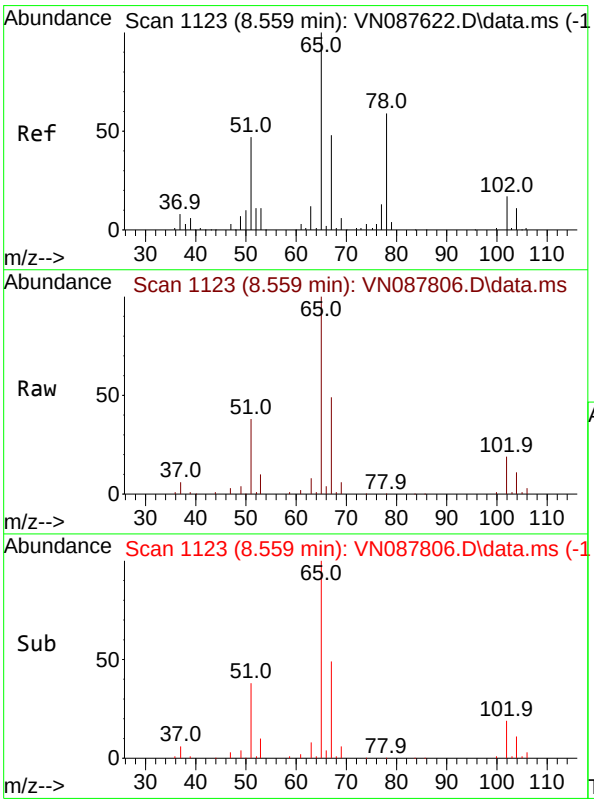
#29
Tetrahydrofuran
Concen: 4.085 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion: 42 Resp: 6398

Ion	Ratio	Lower	Upper
42	100		
72	39.0	33.7	50.5
71	30.4	31.9	47.9#

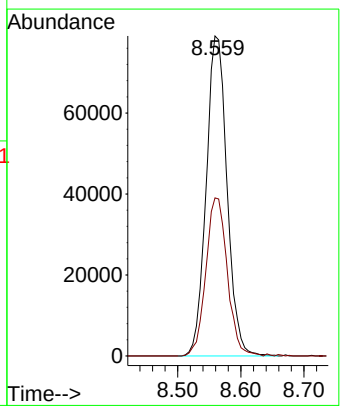


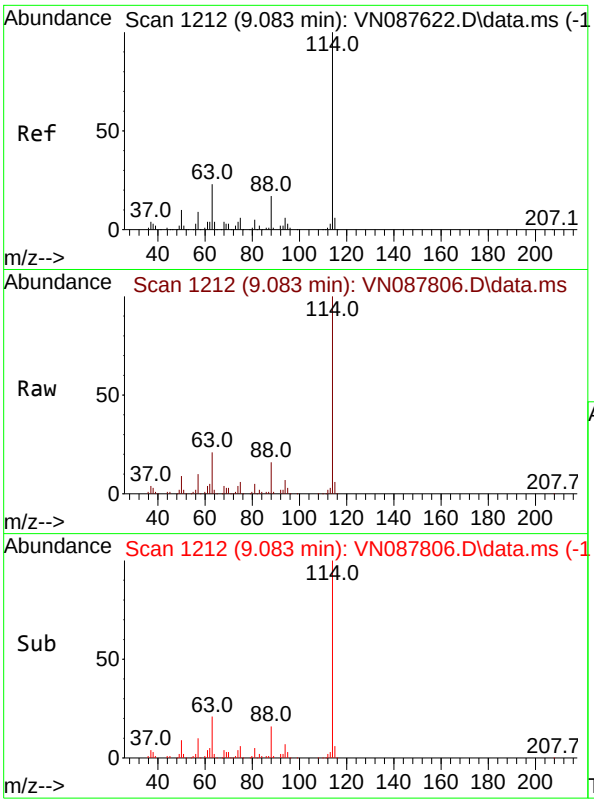


#33
1,2-Dichloroethane-d4
Concen: 53.294 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion: 65 Resp: 181115

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0



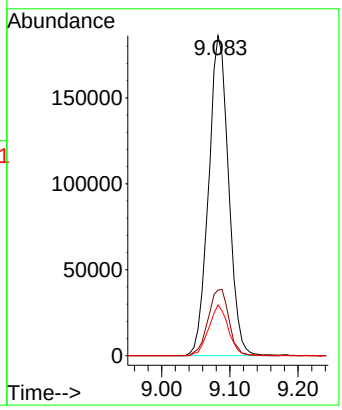


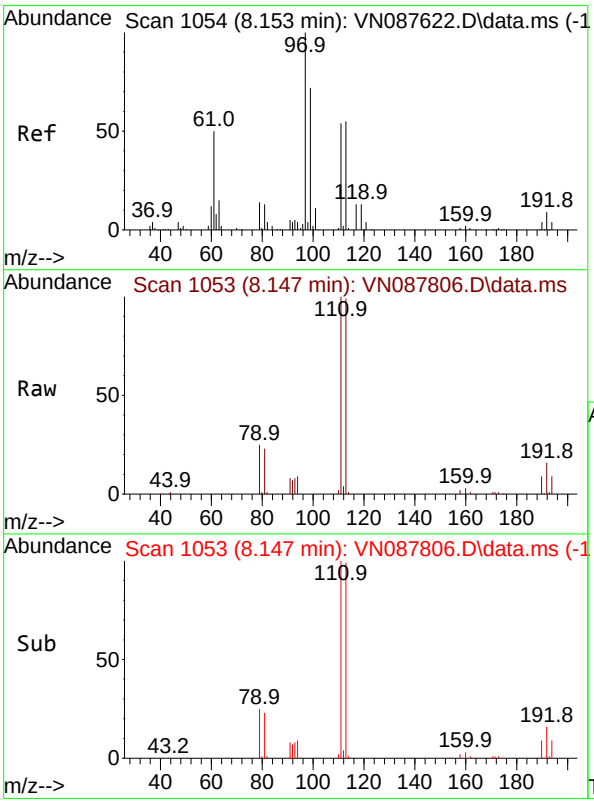
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion:114 Resp: 379915

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.2
88	15.8	0.0	33.4

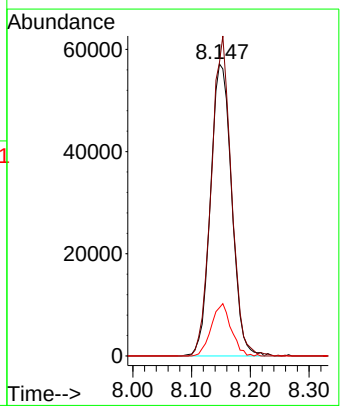


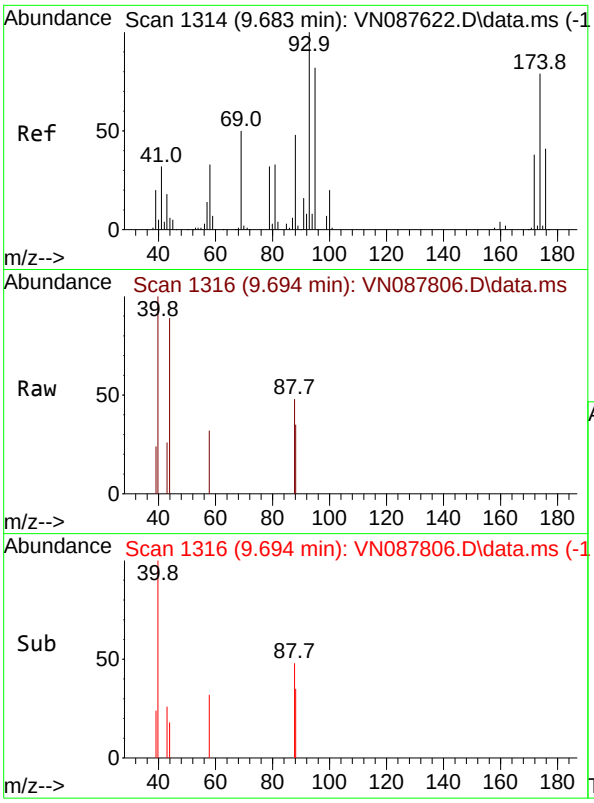


#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion:113 Resp: 143050

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	16.8	12.8	19.2



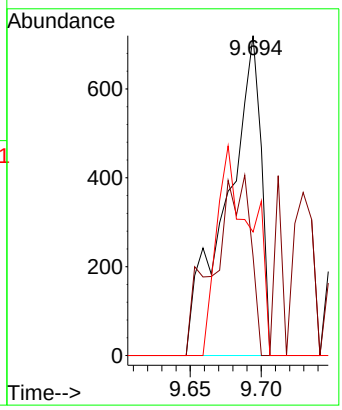


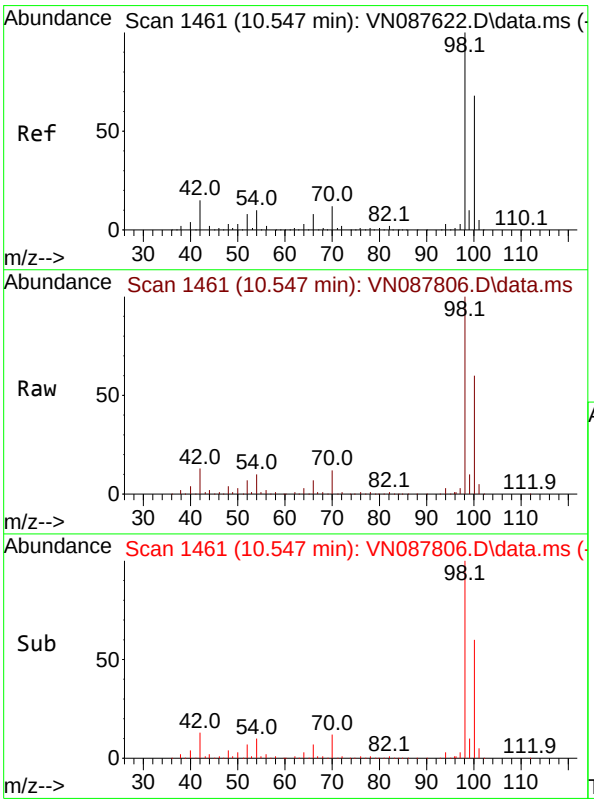
#49
1,4-Dioxane
Concen: 21.948 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion: 88 Resp: 1208

Ion	Ratio	Lower	Upper
88	100		
43	60.9	0.0	0.0#
58	65.1	57.9	86.9

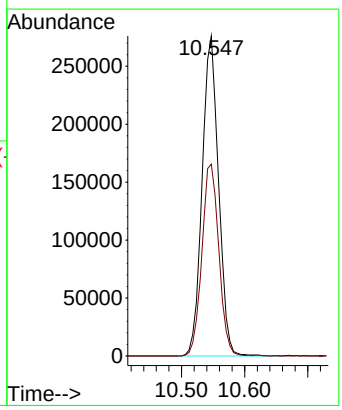


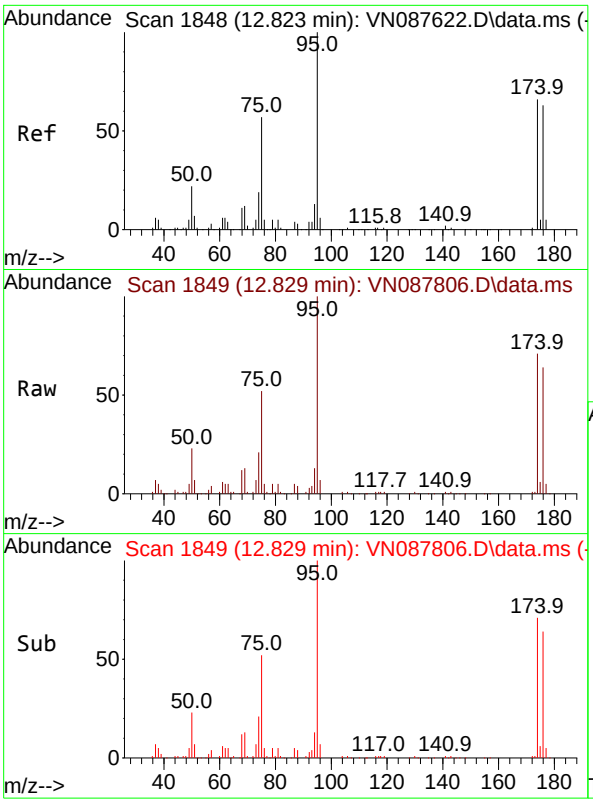


#50
Toluene-d8
Concen: 48.583 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion: 98 Resp: 498776

Ion	Ratio	Lower	Upper
98	100		
100	61.8	52.8	79.2



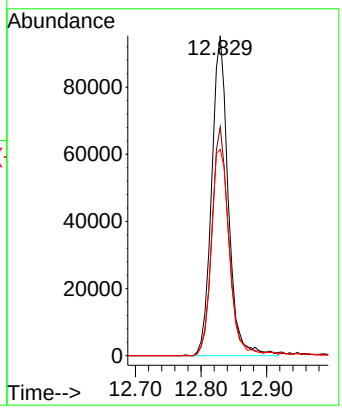


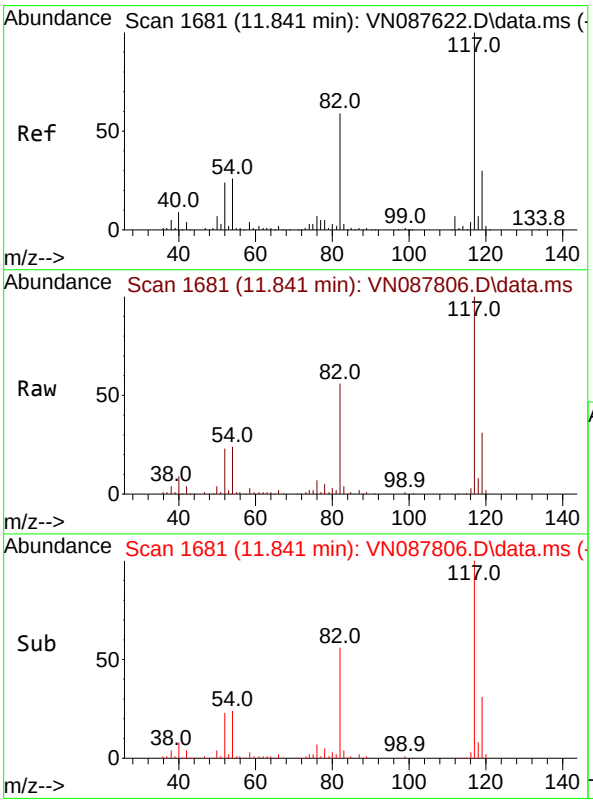
#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion: 95 Resp: 167282

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	138.4
176	70.4	0.0	132.6

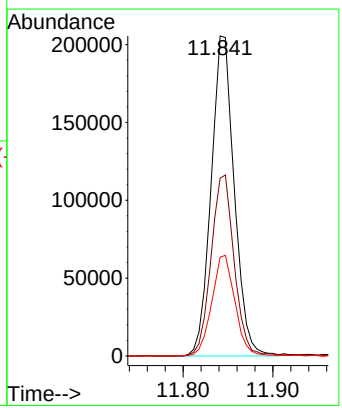


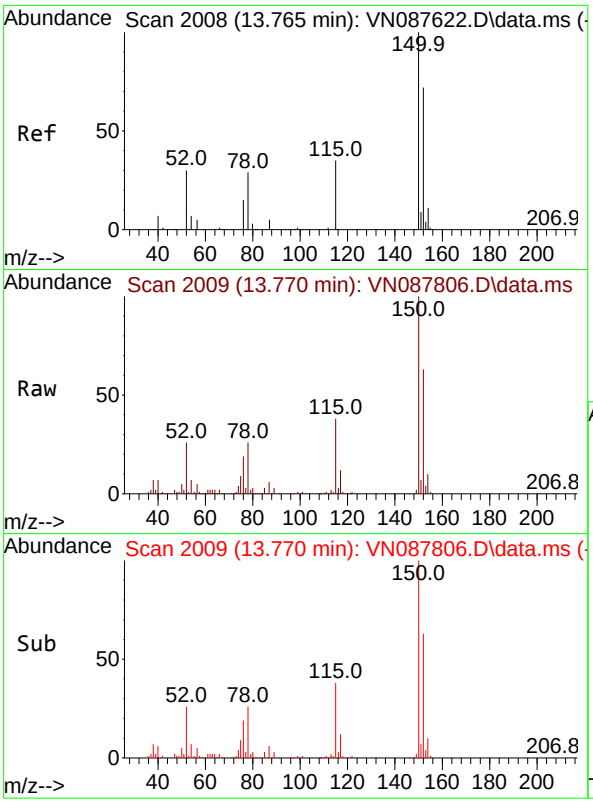


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Tgt Ion:117 Resp: 368148

Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.4	71.2
119	30.9	24.3	36.5



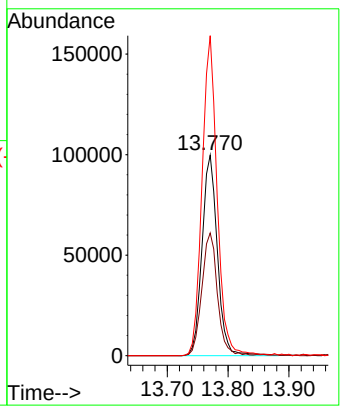


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087806.D
Acq: 11 Sep 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 175104

Ion	Ratio	Lower	Upper
152	100		
115	62.0	32.3	96.8
150	156.3	0.0	351.0



Sample Results: **VN087806.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087806.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.142	27	32	39	rVB5	10278	21115	1.56%	0.269%
2	3.965	328	342	354	rBV2	208974	565055	41.66%	7.212%
3	4.430	411	421	433	rVB5	13914	50249	3.71%	0.641%
4	6.653	791	799	809	rBV4	13224	41009	3.02%	0.523%
5	7.424	919	930	941	rBV	28069	79803	5.88%	1.019%
6	7.836	991	1000	1009	rVB5	9362	24855	1.83%	0.317%
7	8.153	1044	1054	1058	rBV	197133	480602	35.44%	6.134%
8	8.206	1058	1063	1075	rVB	245084	556324	41.02%	7.100%
9	8.559	1114	1123	1133	rBV2	213723	500329	36.89%	6.386%
10	9.083	1203	1212	1223	rBV	455213	948947	69.97%	12.112%
11	10.547	1452	1461	1469	rBV	734321	1356233	100.00%	17.310%
12	11.841	1672	1681	1696	rBV	657201	1210607	89.26%	15.451%
13	12.829	1841	1849	1861	rBV	477182	861793	63.54%	10.999%
14	13.770	2002	2009	2021	rBV	655277	1138158	83.92%	14.526%

Sum of corrected areas: 7835079

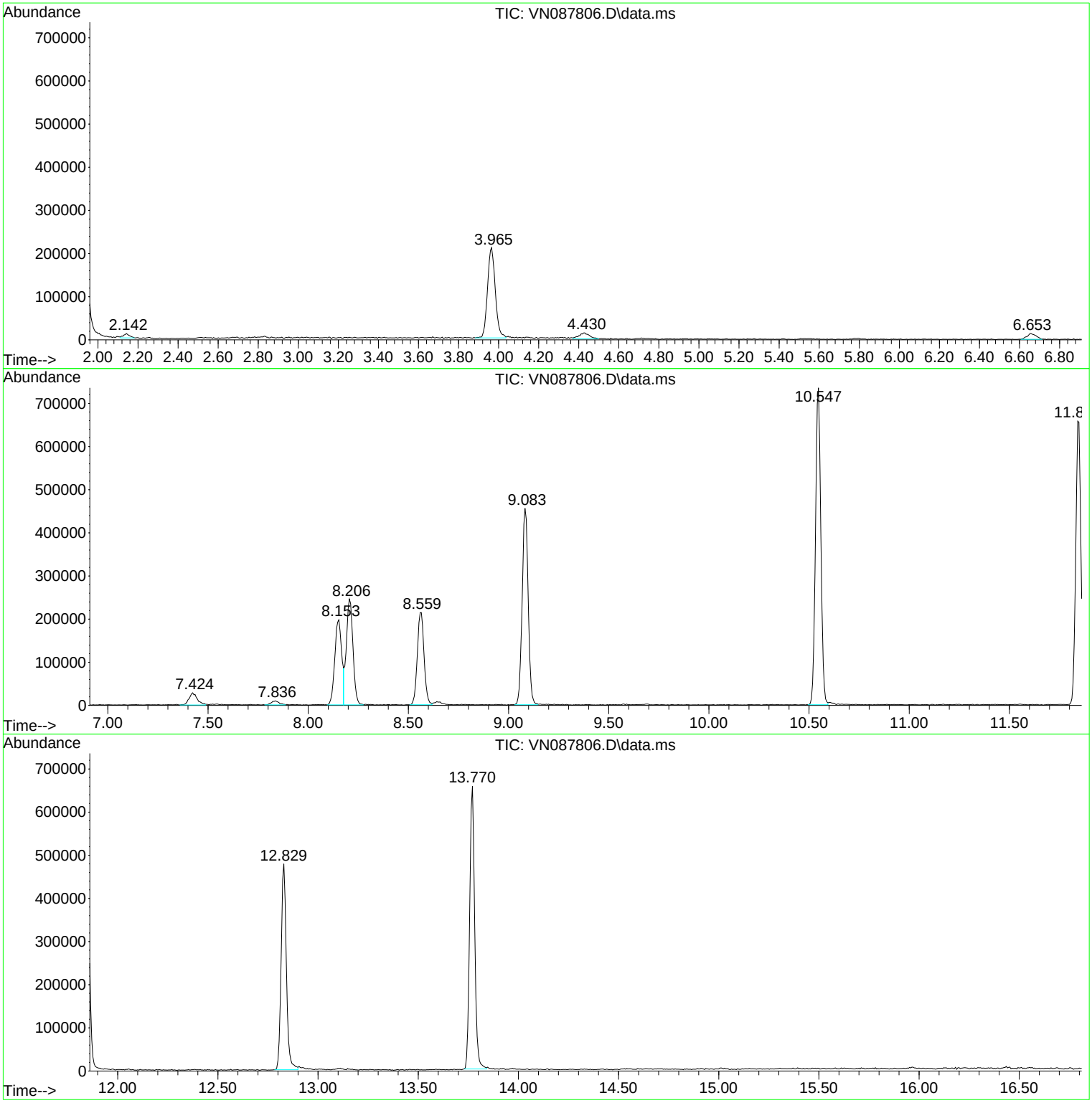
Sample Results: **VN087806.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087806.D
Acq On : 11 Sep 2025 18:11
Operator : JC\MD
Sample : Q3083-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW3S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Time: Sep 12 02:51:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	217125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	505649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	478608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	224924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	244785	55.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.040%			
35) Dibromofluoromethane	8.147	113	189613	51.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	10.547	98	648133	47.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.860%			
62) 4-Bromofluorobenzene	12.829	95	222270	45.740	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.480%			

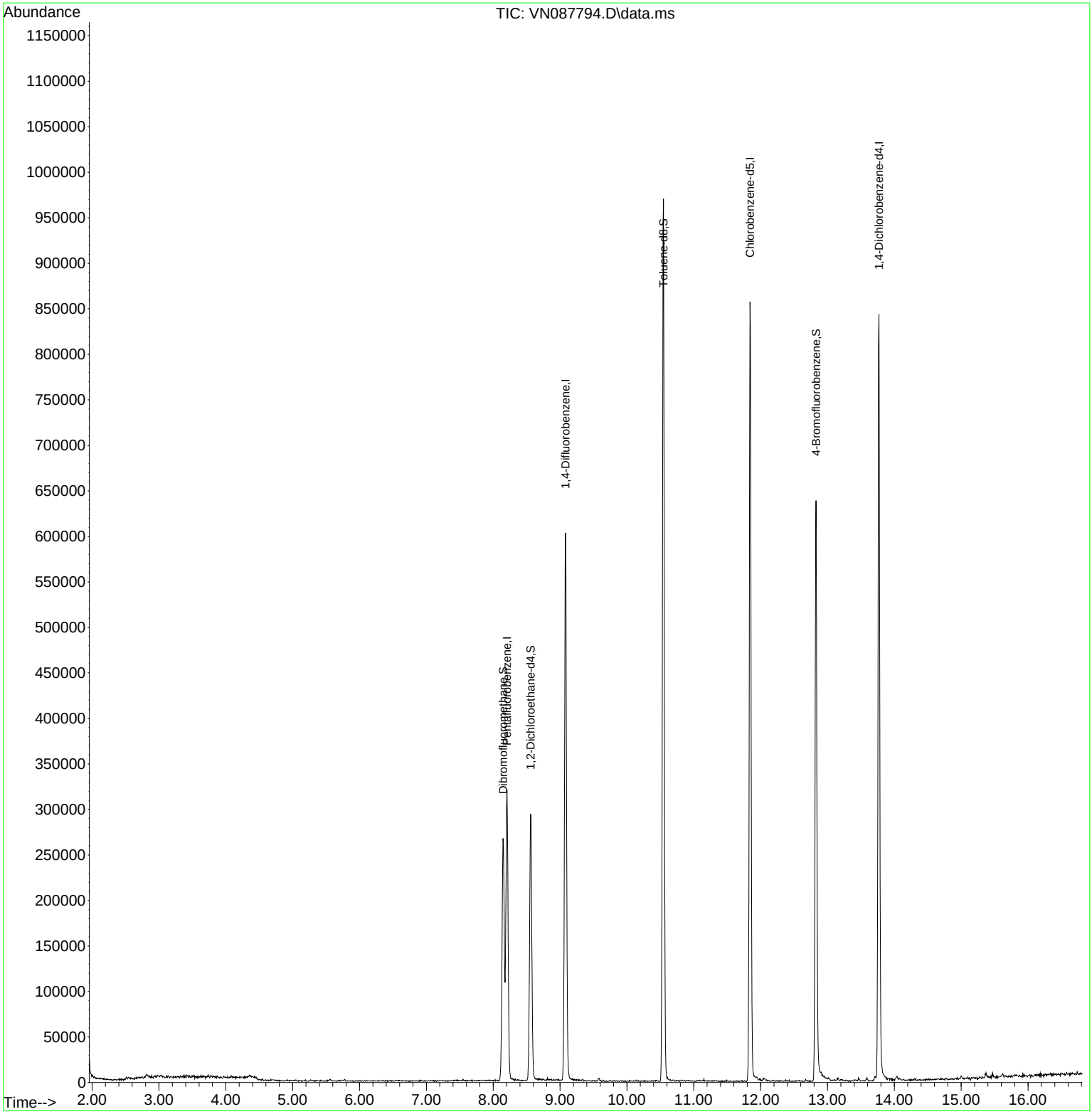
Target Compounds Qvalue

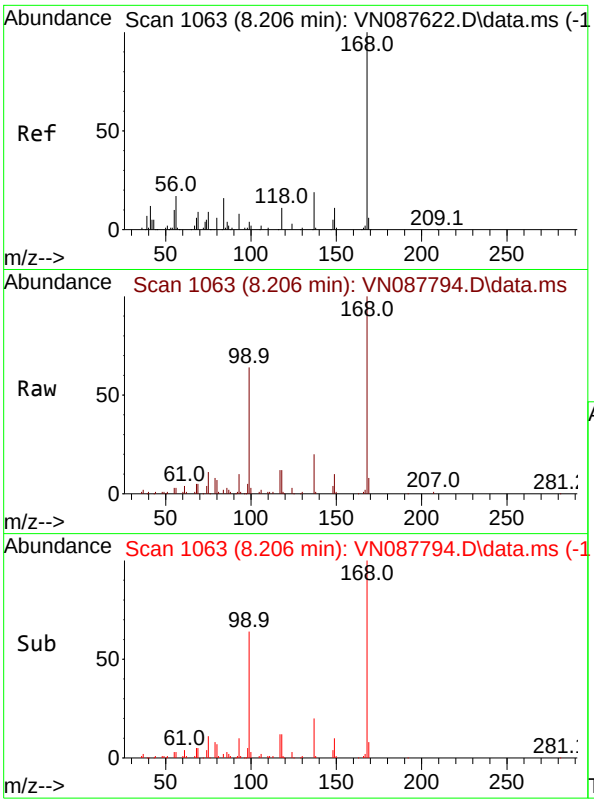
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Time: Sep 12 02:51:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



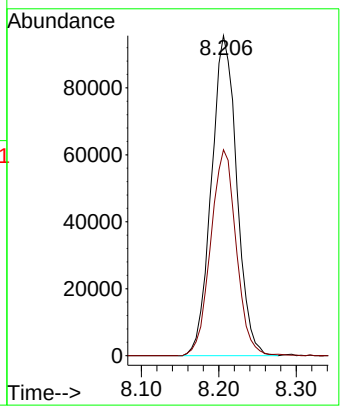


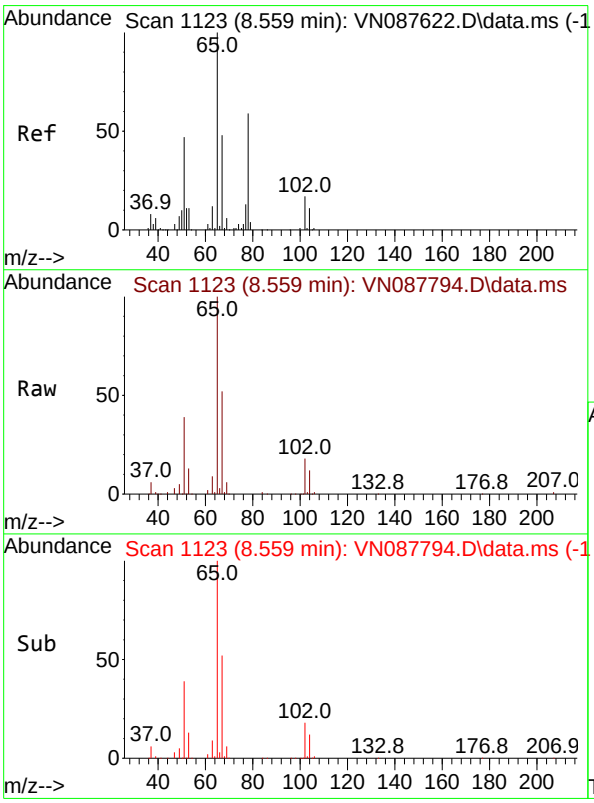
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Tgt Ion:168 Resp: 217125

Ion	Ratio	Lower	Upper
168	100		
99	64.3	57.2	85.8

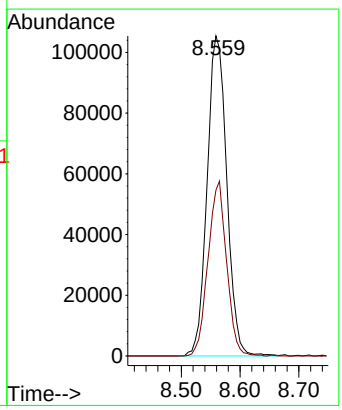


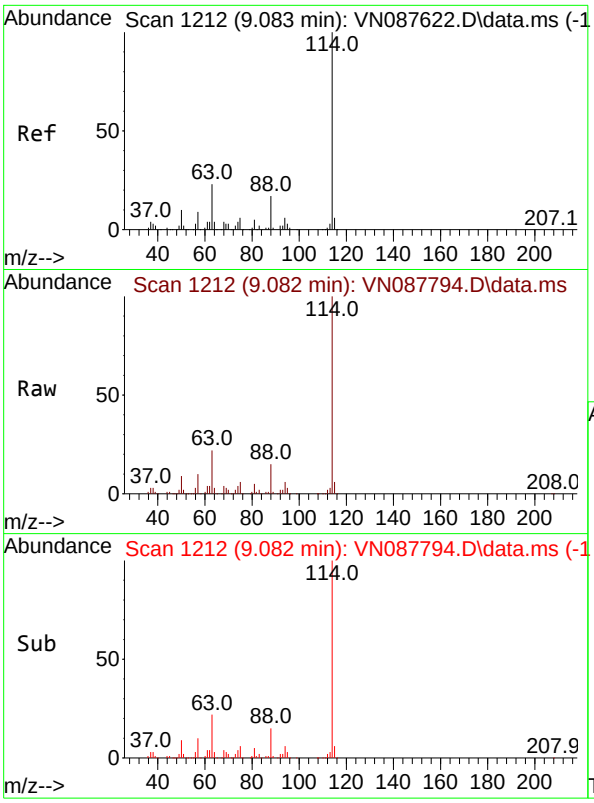


#33
1,2-Dichloroethane-d4
Concen: 55.025 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Tgt Ion: 65 Resp: 244785

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.0



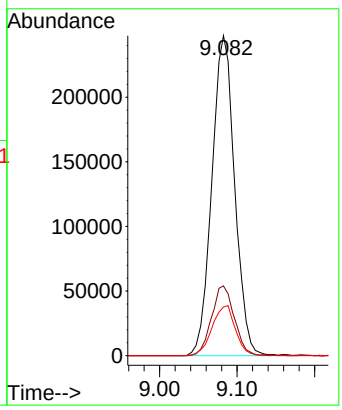


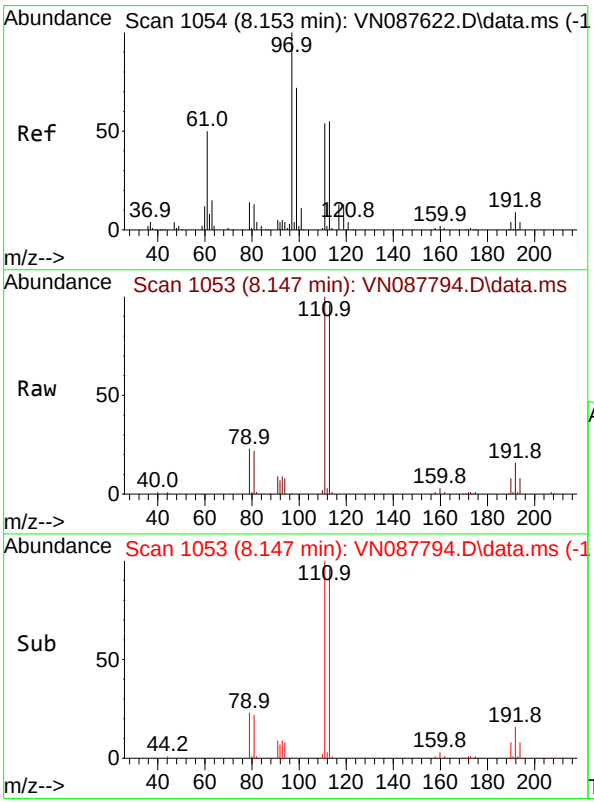
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Tgt Ion:114 Resp: 505649

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	15.2	0.0	33.4

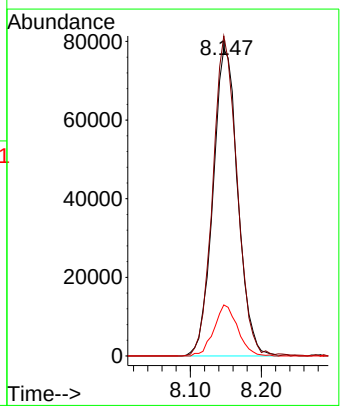


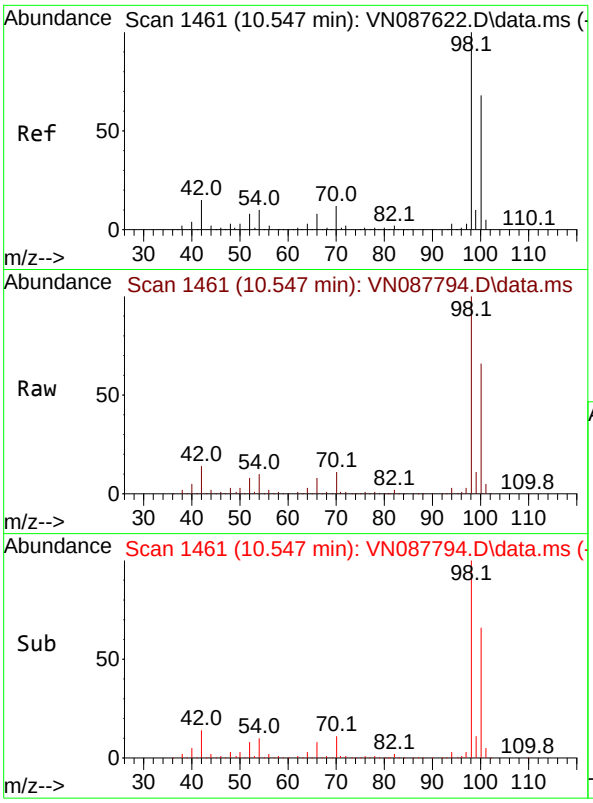


#35
Dibromofluoromethane
Concen: 51.938 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Tgt Ion:113 Resp: 189613

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	15.9	12.8	19.2



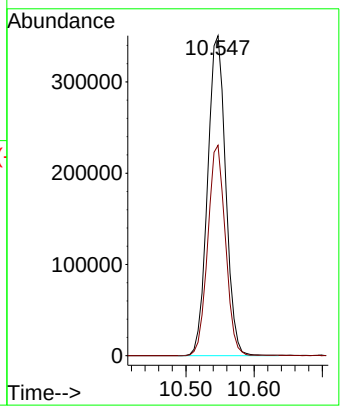


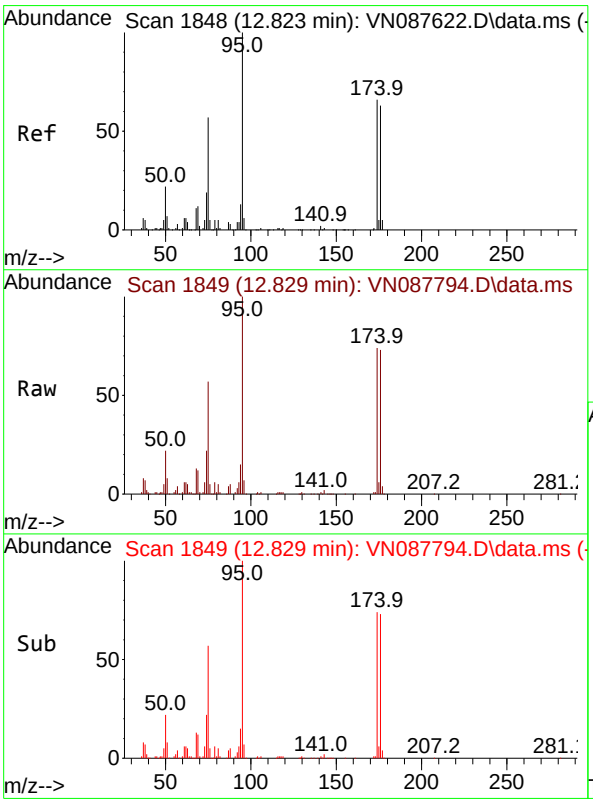
#50
Toluene-d8
Concen: 47.433 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Tgt Ion: 98 Resp: 648133

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.8	79.2

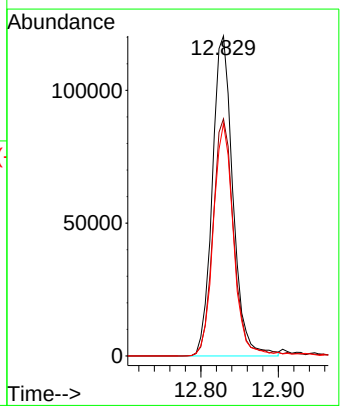


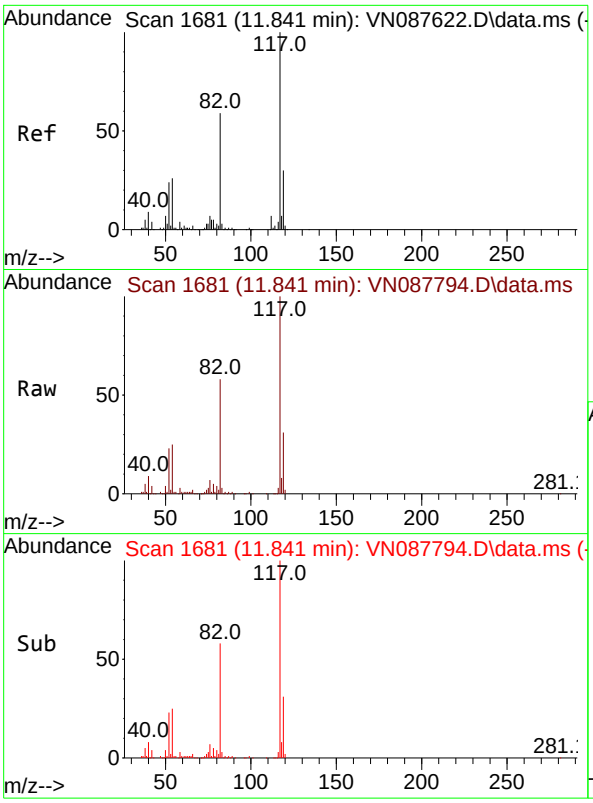


#62
4-Bromofluorobenzene
Concen: 45.740 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Tgt Ion: 95 Resp: 222270

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	138.4
176	71.4	0.0	132.6



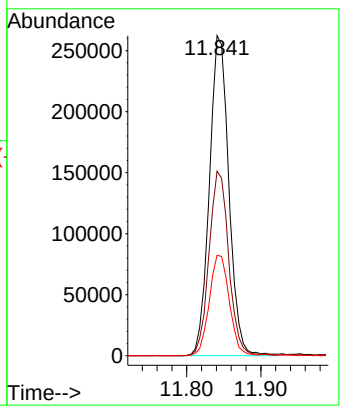


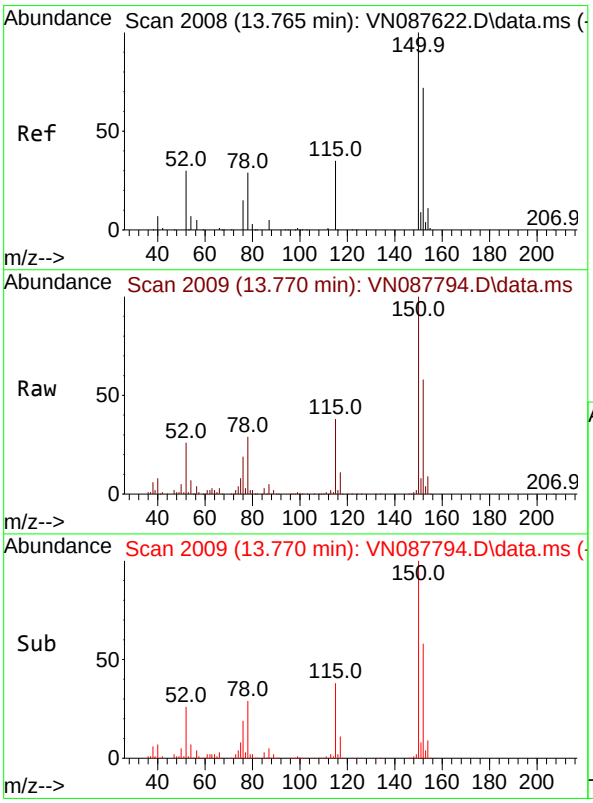
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Tgt Ion:117 Resp: 478608

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	31.4	24.3	36.5

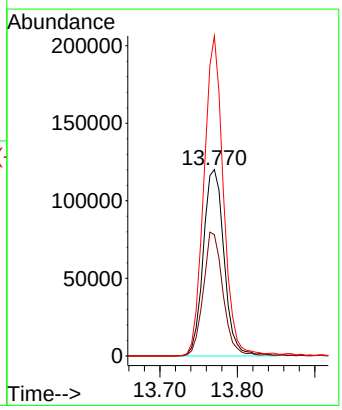




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087794.D
Acq: 11 Sep 2025 13:45

Tgt Ion:152 Resp: 224924

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.3	96.8
150	160.3	0.0	351.0



Sample Results: **VN087794.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1042	1053	1058	rBV2	266852	644778	36.12%	6.913%
2	8.206	1058	1063	1075	rVB	318350	716144	40.12%	7.678%
3	8.559	1113	1123	1135	rBV2	292970	680848	38.15%	7.299%
4	9.082	1204	1212	1224	rBV2	600881	1253090	70.21%	13.434%
5	10.547	1452	1461	1470	rBV	969446	1784860	100.00%	19.135%
6	11.841	1672	1681	1695	rBV	856798	1588578	89.00%	17.031%
7	12.829	1840	1849	1860	rBV	638094	1159958	64.99%	12.436%
8	13.770	2001	2009	2024	rBV	838977	1499236	84.00%	16.073%

Sum of corrected areas: 9327492

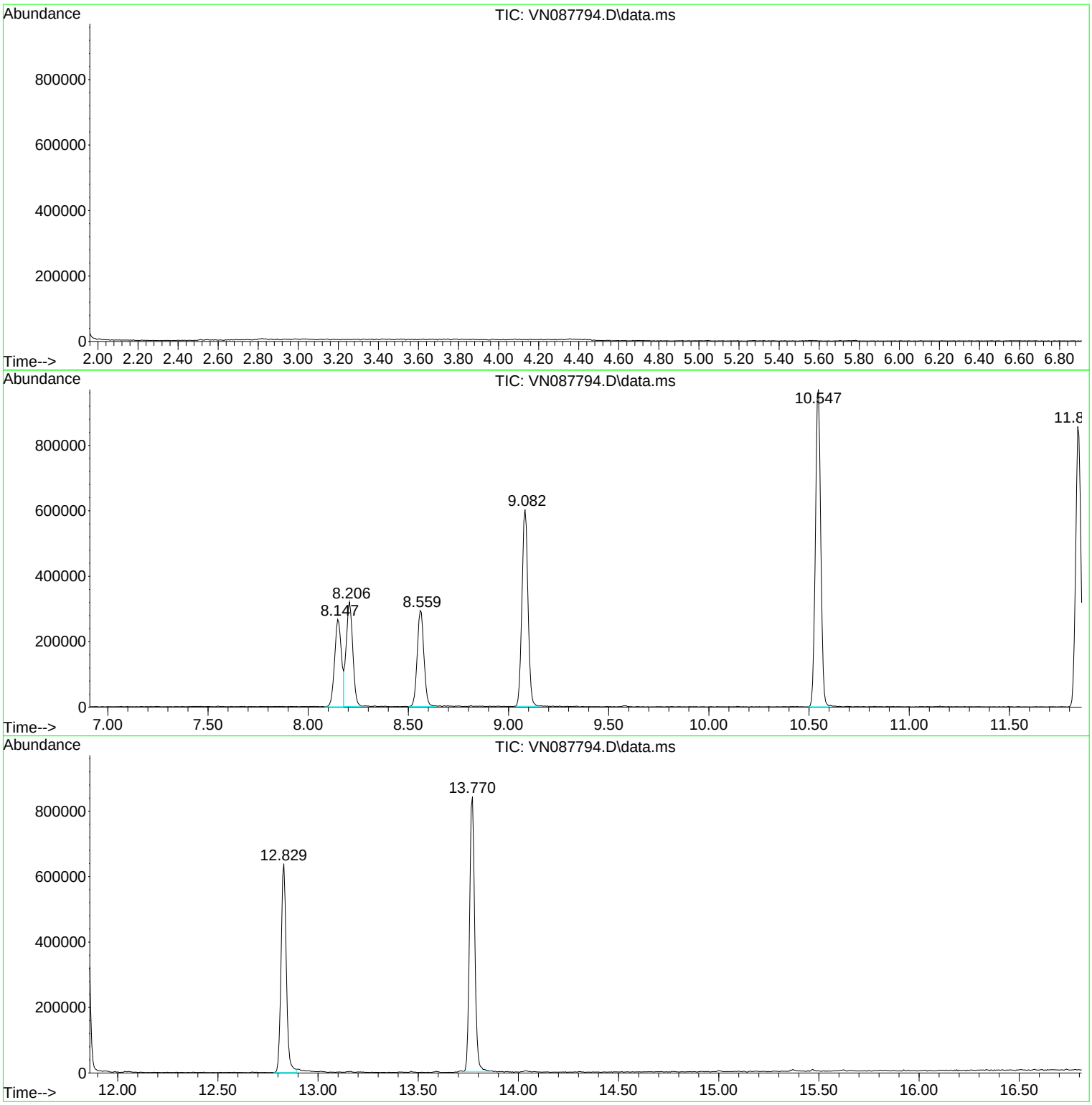
Sample Results: **VN087794.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087794.D
Acq On : 11 Sep 2025 13:45
Operator : JC\MD
Sample : VN0911WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Time: Sep 16 01:29:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	194621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	447138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	421003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209394	52.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.020%			
35) Dibromofluoromethane	8.147	113	162528	50.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	10.547	98	570772	47.237	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.480%			
62) 4-Bromofluorobenzene	12.829	95	191658	44.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.200%			

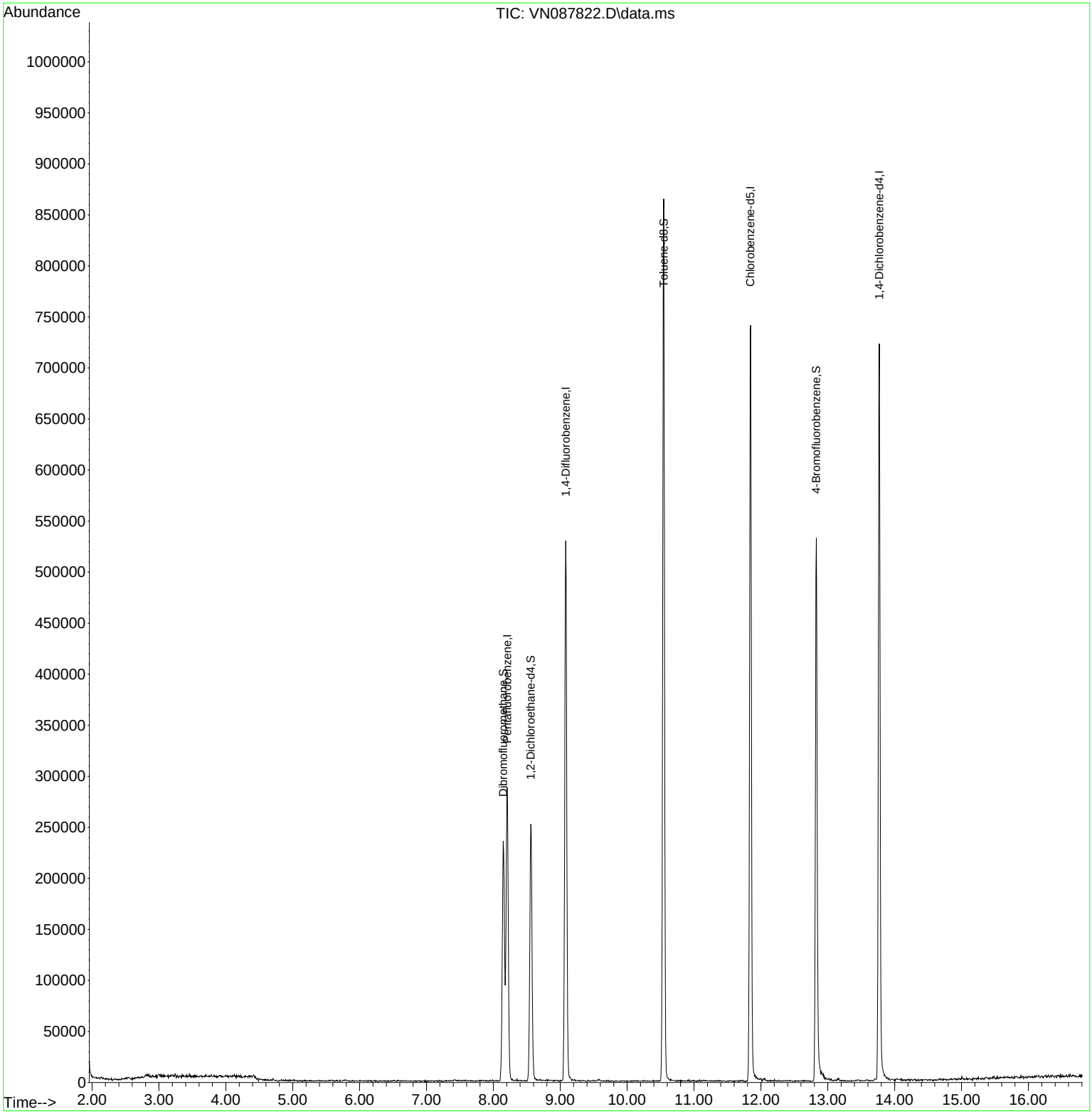
Target Compounds Qvalue

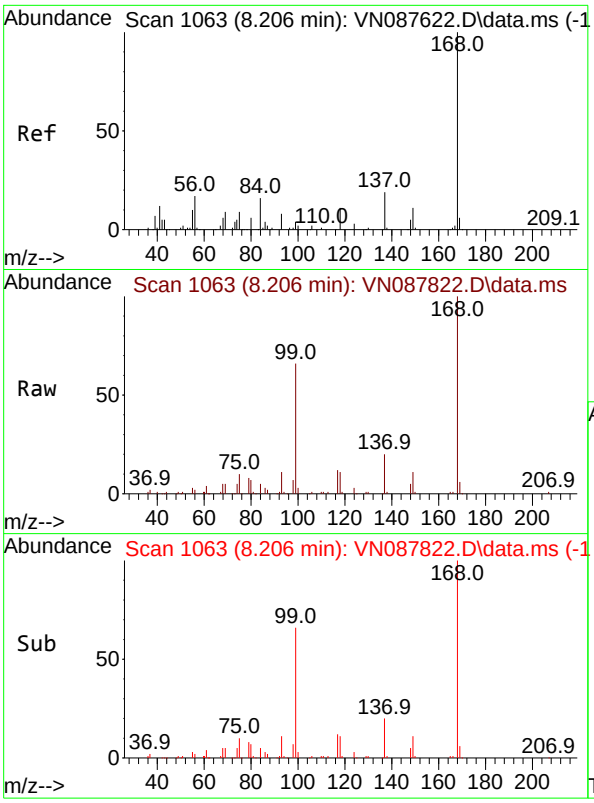
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Time: Sep 16 01:29:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



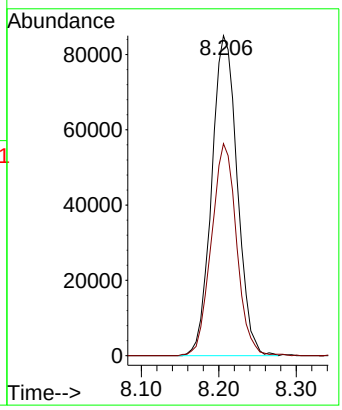


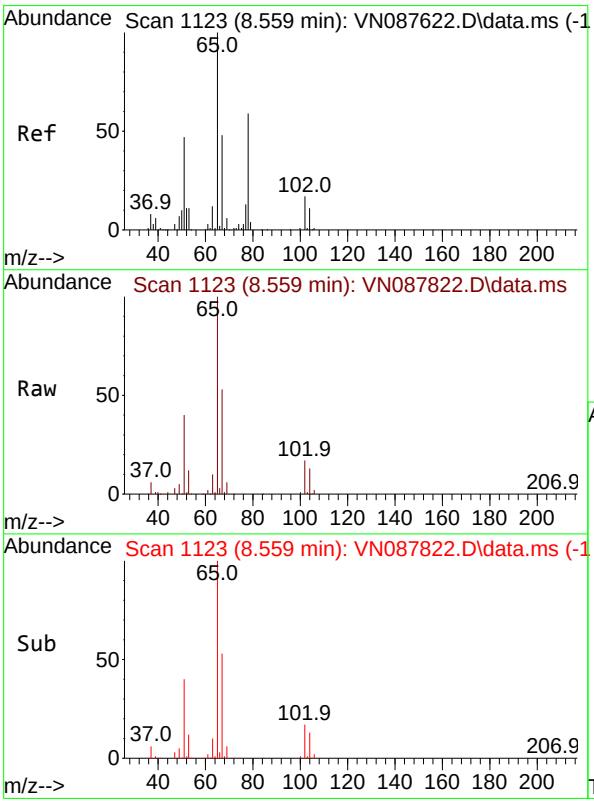
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion:168 Resp: 194621

Ion	Ratio	Lower	Upper
168	100		
99	66.2	57.2	85.8

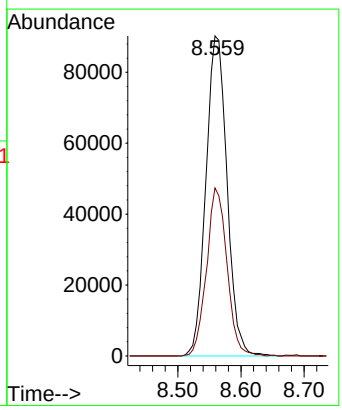


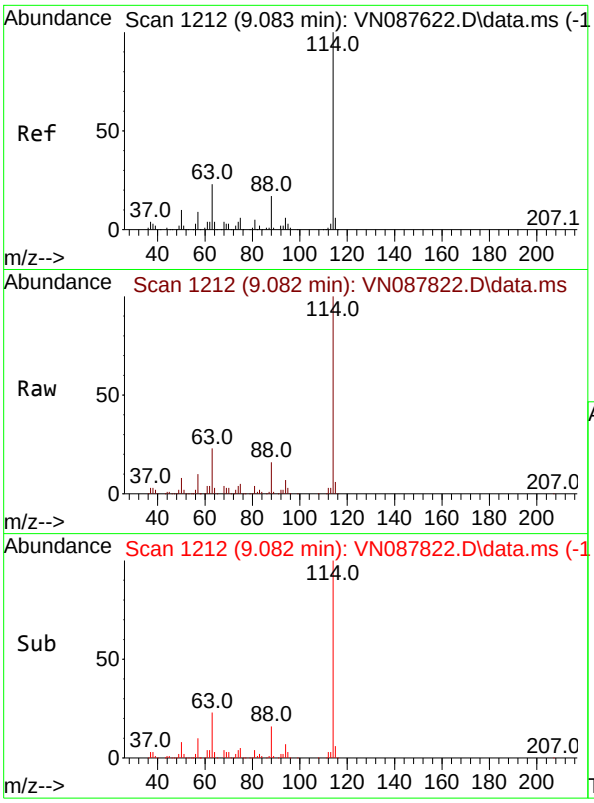


#33
1,2-Dichloroethane-d4
Concen: 52.512 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion: 65 Resp: 209394

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0



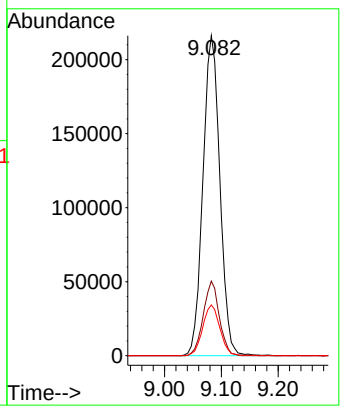


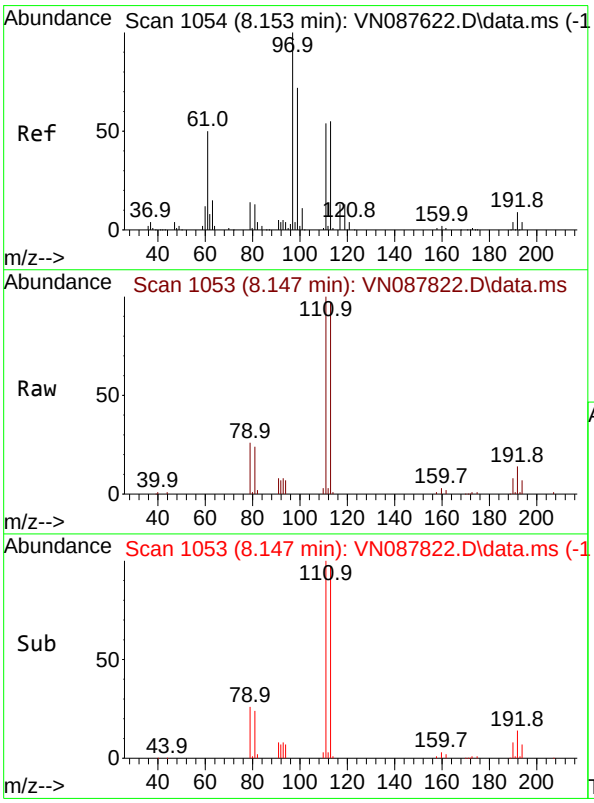
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion:114 Resp: 447138

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.2
88	15.8	0.0	33.4

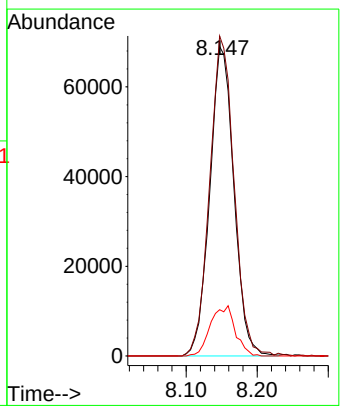


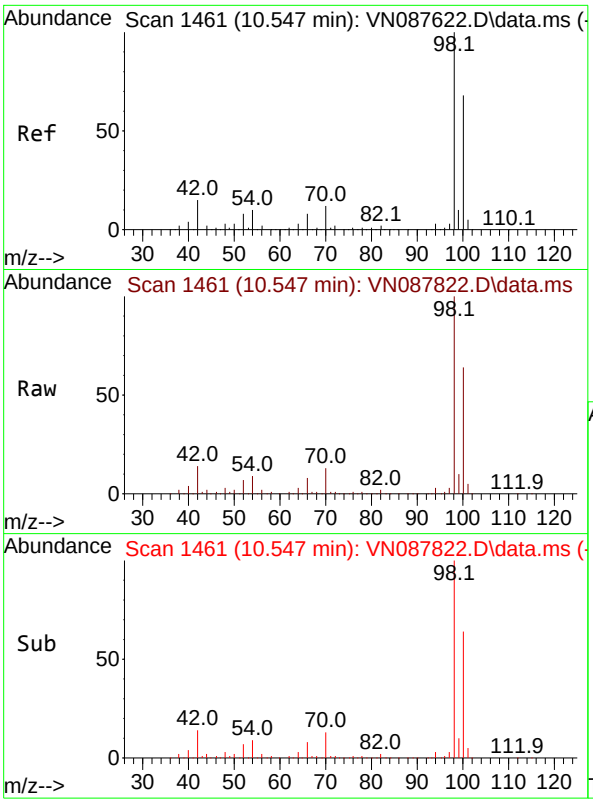


#35
Dibromofluoromethane
Concen: 50.344 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion:113 Resp: 162528

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.8	124.2
192	16.6	12.8	19.2



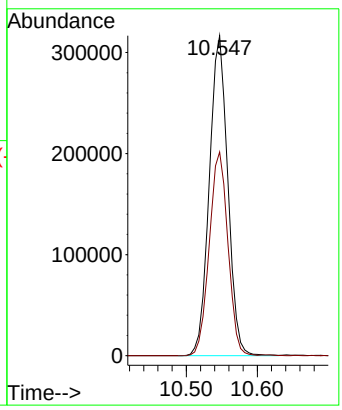


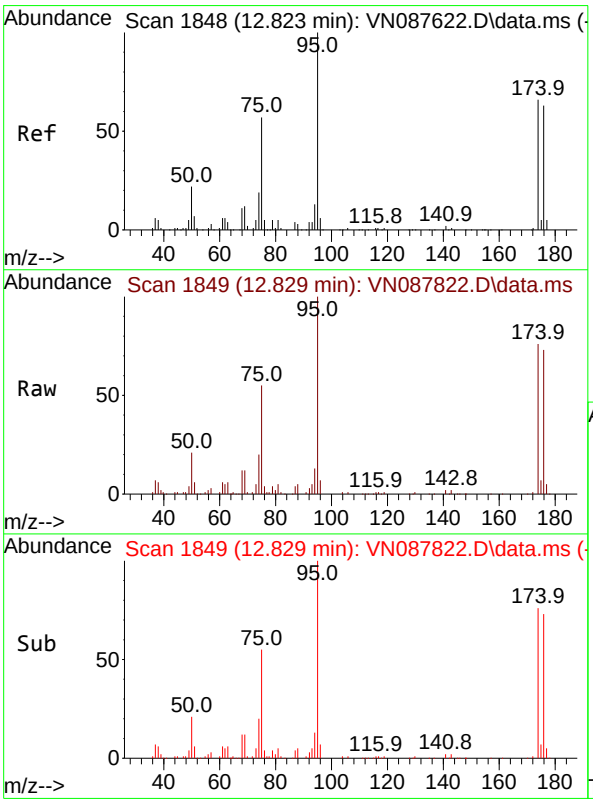
#50
Toluene-d8
Concen: 47.237 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion: 98 Resp: 570772

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2

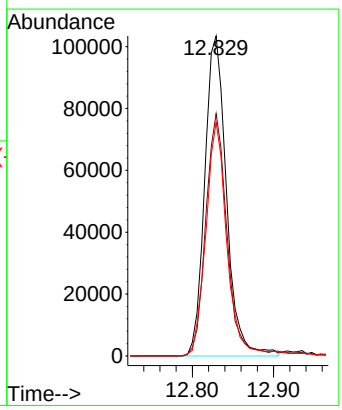


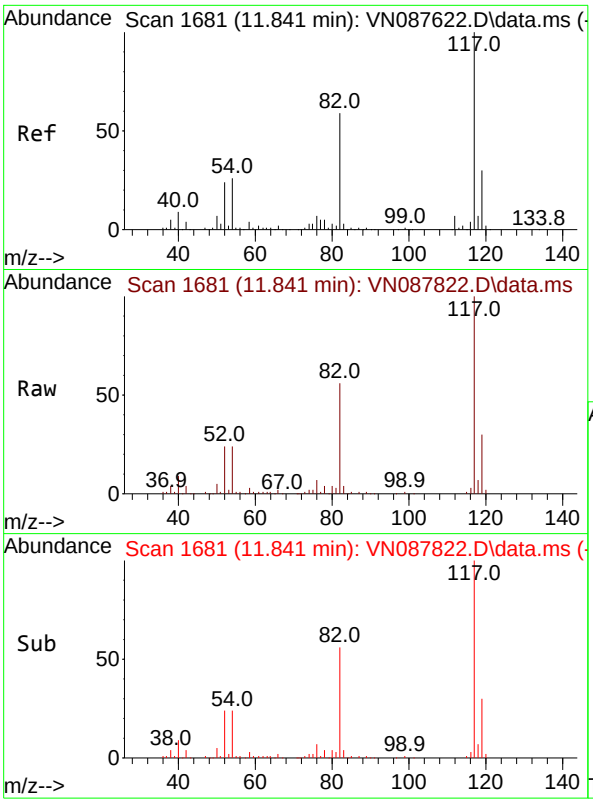


#62
4-Bromofluorobenzene
Concen: 44.602 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion: 95 Resp: 191658

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	138.4
176	71.3	0.0	132.6



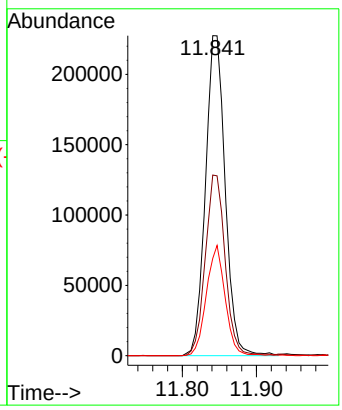


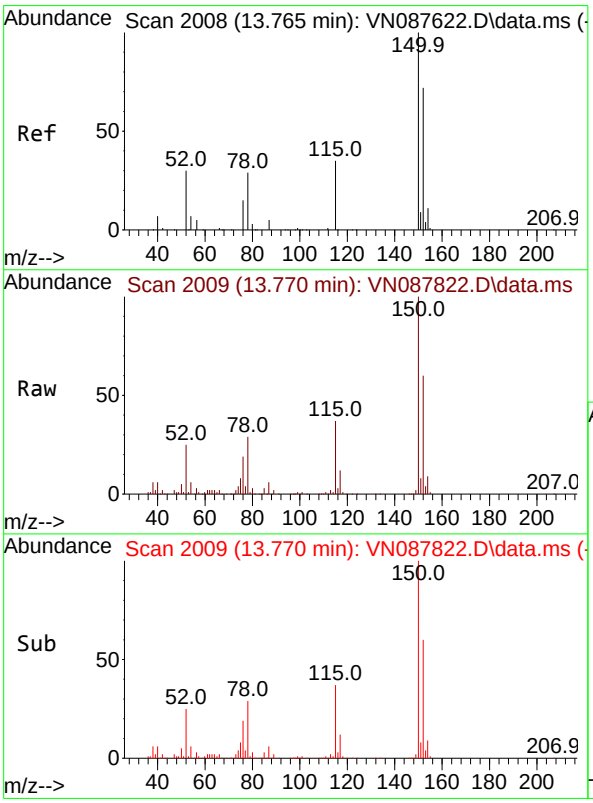
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Tgt Ion:117 Resp: 421003

Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.4	71.2
119	30.4	24.3	36.5

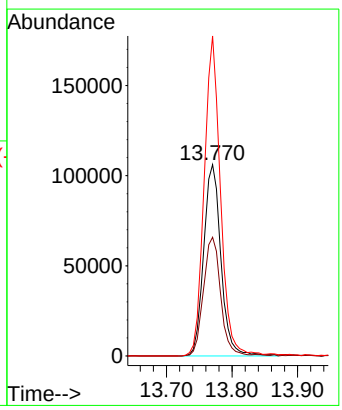




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087822.D
Acq: 15 Sep 2025 09:35

Tgt Ion:152 Resp: 194722

Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.3	96.8
150	157.6	0.0	351.0



Sample Results: **VN087822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV2	235257	553917	35.14%	6.818%
2	8.206	1058	1063	1075	rVB2	286929	647786	41.09%	7.974%
3	8.559	1114	1123	1133	rBV2	251809	578026	36.67%	7.115%
4	9.082	1200	1212	1227	rBV	529549	1114428	70.70%	13.718%
5	10.547	1452	1461	1478	rBV	864200	1576343	100.00%	19.403%
6	11.847	1672	1682	1692	rBV	740750	1377235	87.37%	16.953%
7	12.829	1835	1849	1860	rBV2	532611	987414	62.64%	12.154%
8	13.770	2002	2009	2022	rBV	720770	1288871	81.76%	15.865%

Sum of corrected areas: 8124020

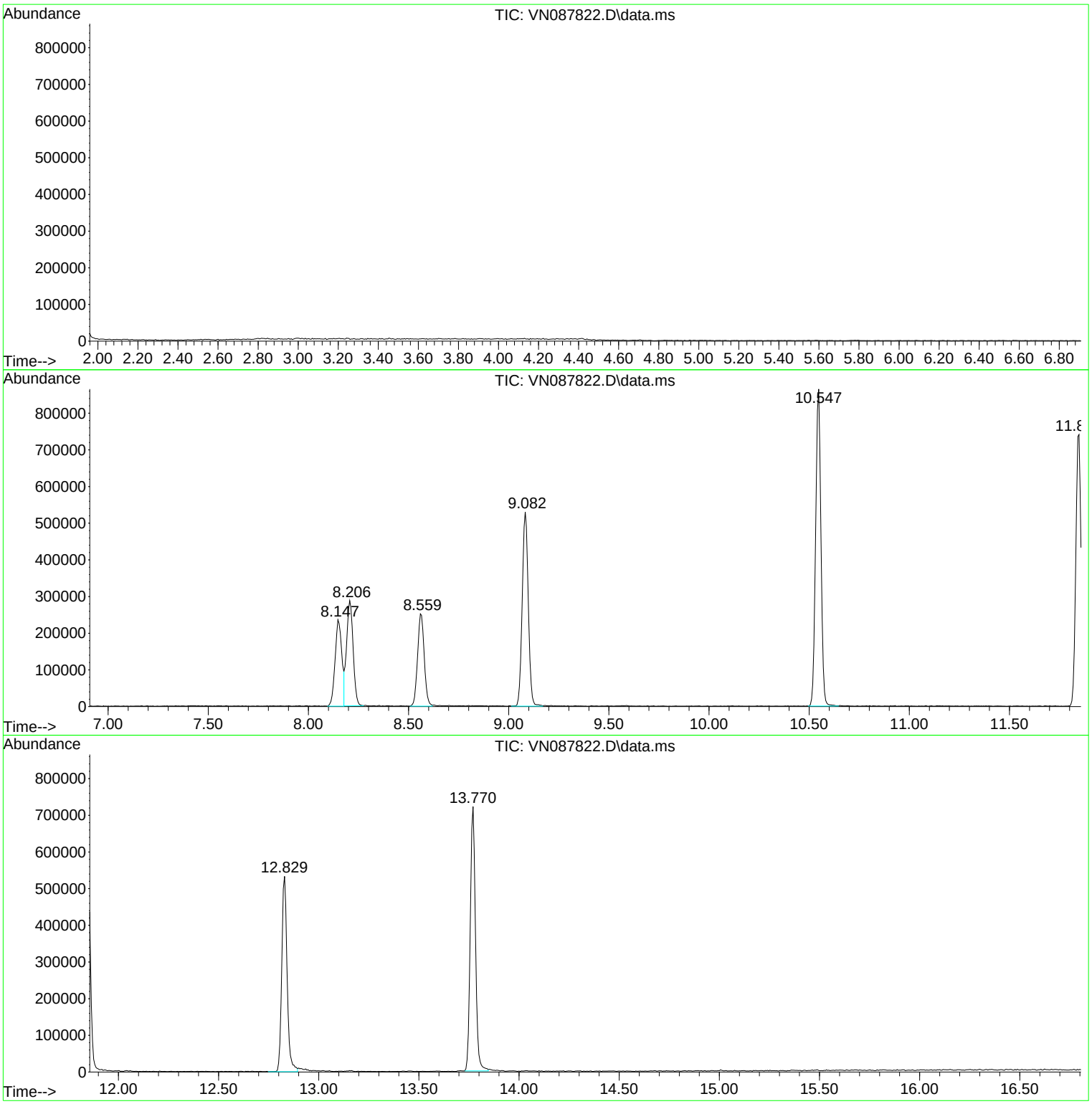
Sample Results: **VN087822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087822.D
Acq On : 15 Sep 2025 09:35
Operator : JC\MD
Sample : VN0915WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087795.D
Acq On : 11 Sep 2025 14:21
Operator : JC\MD
Sample : VN0911WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:51:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	264571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	504460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	243902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	246091	45.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.800%			
35) Dibromofluoromethane	8.147	113	179797	49.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	10.547	98	651885	47.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.829	95	234780	48.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	82376	21.922	ug/l	98
3) Chloromethane	2.383	50	94750	24.536	ug/l	100
4) Vinyl Chloride	2.542	62	99586	22.242	ug/l	94
5) Bromomethane	2.983	94	59837	25.900	ug/l	90
6) Chloroethane	3.142	64	66369	21.090	ug/l	89
7) Trichlorofluoromethane	3.512	101	147075	22.420	ug/l	97
8) Diethyl Ether	3.959	74	58928	20.627	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	80009	21.555	ug/l	95
10) Methyl Iodide	4.577	142	59620	25.375	ug/l	94
11) Tert butyl alcohol	5.524	59	107196	113.909	ug/l	97
12) 1,1-Dichloroethene	4.336	96	81734	21.428	ug/l	96
13) Acrolein	4.171	56	84090	72.685	ug/l	98
14) Allyl chloride	5.012	41	132186	19.123	ug/l	98
15) Acrylonitrile	5.706	53	279159	105.183	ug/l	98
16) Acetone	4.424	43	283140	95.951	ug/l	99
17) Carbon Disulfide	4.701	76	234341	22.316	ug/l	100
18) Methyl Acetate	5.018	43	125567	20.323	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	295415	20.645	ug/l	98
20) Methylene Chloride	5.259	84	99190	22.558	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	88803	21.481	ug/l	89
22) Diisopropyl ether	6.653	45	311629	20.891	ug/l	98
23) Vinyl Acetate	6.589	43	1440014	106.108	ug/l	100
24) 1,1-Dichloroethane	6.559	63	171082	20.918	ug/l	99
25) 2-Butanone	7.471	43	395717	101.930	ug/l	99
26) 2,2-Dichloropropane	7.471	77	144187	20.541	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	103794	21.002	ug/l	98
28) Bromochloromethane	7.794	49	81554	20.626	ug/l	99
29) Tetrahydrofuran	7.824	42	264967	106.052	ug/l	98
30) Chloroform	7.947	83	180449	21.616	ug/l	99
31) Cyclohexane	8.241	56	144622	21.211	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	150632	21.292	ug/l	93
36) 1,1-Dichloropropene	8.353	75	116215	20.799	ug/l	99
37) Ethyl Acetate	7.547	43	155597	20.379	ug/l	96
38) Carbon Tetrachloride	8.341	117	124023	22.481	ug/l	92
39) Methylcyclohexane	9.583	83	129952	21.125	ug/l	97
40) Benzene	8.588	78	380842	22.222	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087795.D
Acq On : 11 Sep 2025 14:21
Operator : JC\MD
Sample : VN0911WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:51:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	81696	20.656	ug/l		96
42) 1,2-Dichloroethane	8.653	62	141700	21.516	ug/l		100
43) Isopropyl Acetate	8.671	43	252433	21.176	ug/l		99
44) Trichloroethene	9.336	130	85729	21.910	ug/l		95
45) 1,2-Dichloropropane	9.600	63	96507	21.364	ug/l		100
46) Dibromomethane	9.688	93	72195	22.458	ug/l		99
47) Bromodichloromethane	9.871	83	147416	22.376	ug/l		97
48) Methyl methacrylate	9.665	41	117076	20.763	ug/l		95
49) 1,4-Dioxane	9.683	88	37518	513.358	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.424	43	795956	110.668	ug/l		100
52) Toluene	10.612	92	227319	21.396	ug/l		96
53) t-1,3-Dichloropropene	10.818	75	151320	22.189	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	158995	22.454	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	92322	22.463	ug/l		99
56) Ethyl methacrylate	10.853	69	142291	21.663	ug/l		98
57) 1,3-Dichloropropane	11.141	76	160951	22.127	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	277245	77.984	ug/l		99
59) 2-Hexanone	11.177	43	509150	112.012	ug/l		100
60) Dibromochloromethane	11.335	129	105880	22.233	ug/l		98
61) 1,2-Dibromoethane	11.447	107	94935	21.906	ug/l		96
64) Tetrachloroethene	11.082	164	71271	22.027	ug/l		90
65) Chlorobenzene	11.871	112	260914	22.487	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	90900	23.599	ug/l		98
67) Ethyl Benzene	11.941	91	434635	21.635	ug/l		99
68) m/p-Xylenes	12.047	106	331219	44.956	ug/l		97
69) o-Xylene	12.377	106	157177	21.769	ug/l		100
70) Styrene	12.388	104	275186	22.750	ug/l		98
71) Bromoform	12.559	173	71930	24.349	ug/l		98
73) Isopropylbenzene	12.676	105	404199	20.508	ug/l		98
74) N-amyl acetate	12.524	43	143545m	19.219	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	150041	22.112	ug/l		98
76) 1,2,3-Trichloropropane	12.971	75	135861m	23.753	ug/l		
77) Bromobenzene	12.959	156	99062	21.317	ug/l		99
78) n-propylbenzene	13.012	91	508284	20.937	ug/l		98
79) 2-Chlorotoluene	13.106	91	307862	21.073	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	349415	20.899	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	41752	19.325	ug/l		94
82) 4-Chlorotoluene	13.200	91	315840	20.563	ug/l		98
83) tert-Butylbenzene	13.418	119	293585	21.072	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	357731	21.374	ug/l		99
85) sec-Butylbenzene	13.594	105	439562	21.260	ug/l		100
86) p-Isopropyltoluene	13.706	119	368004	21.555	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	200138	21.870	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	202733	21.288	ug/l		98
89) n-Butylbenzene	14.035	91	355346	20.957	ug/l		99
90) Hexachloroethane	14.306	117	72679	22.344	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	190159	21.903	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	32144	19.941	ug/l		93
93) 1,2,4-Trichlorobenzene	15.365	180	112279	21.537	ug/l		96
94) Hexachlorobutadiene	15.476	225	42595	22.918	ug/l		97
95) Naphthalene	15.617	128	382521	20.715	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	109952	21.573	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087795.D
Acq On : 11 Sep 2025 14:21
Operator : JC\MD
Sample : VN0911WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:51:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

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

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

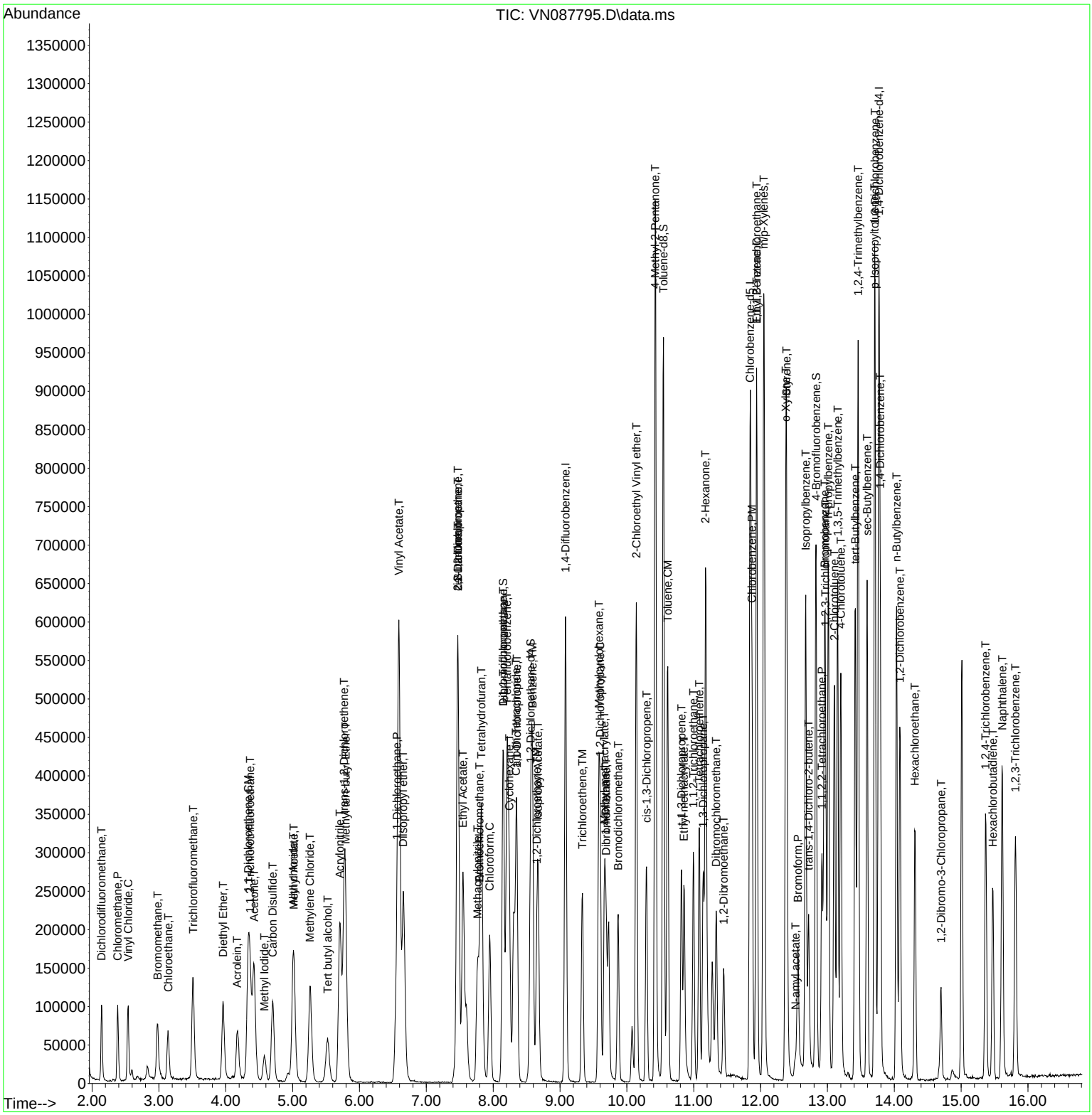
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087795.D
Acq On : 11 Sep 2025 14:21
Operator : JC\MD
Sample : VN0911WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:51:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087823.D
Acq On : 15 Sep 2025 09:56
Operator : JC\MD
Sample : VN0915WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 01:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	212267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	395901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	209334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	200656	46.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.280%			
35) Dibromofluoromethane	8.153	113	148808	49.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	10.547	98	523783	46.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.240%			
62) 4-Bromofluorobenzene	12.829	95	190651	47.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	57092	18.937	ug/l	98
3) Chloromethane	2.383	50	59512	19.208	ug/l	93
4) Vinyl Chloride	2.536	62	68875	19.173	ug/l	96
5) Bromomethane	2.977	94	29286	15.800	ug/l	96
6) Chloroethane	3.136	64	44871	17.772	ug/l	92
7) Trichlorofluoromethane	3.512	101	100527	19.100	ug/l	95
8) Diethyl Ether	3.965	74	40203	17.540	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	55081	18.496	ug/l	92
10) Methyl Iodide	4.577	142	20900	14.922	ug/l	92
11) Tert butyl alcohol	5.524	59	70617	93.530	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58798	19.213	ug/l	90
13) Acrolein	4.183	56	78642	84.725	ug/l	99
14) Allyl chloride	5.012	41	103155m	18.600	ug/l	
15) Acrylonitrile	5.712	53	195219	91.680	ug/l	99
16) Acetone	4.424	43	205672	86.873	ug/l	97
17) Carbon Disulfide	4.694	76	170264	20.209	ug/l #	94
18) Methyl Acetate	5.012	43	96049	19.376	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	205025	17.858	ug/l	97
20) Methylene Chloride	5.259	84	68651	19.285	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	60273	18.172	ug/l	92
22) Diisopropyl ether	6.659	45	218960	18.296	ug/l	98
23) Vinyl Acetate	6.594	43	989533	90.881	ug/l	97
24) 1,1-Dichloroethane	6.553	63	120379	18.345	ug/l	98
25) 2-Butanone	7.471	43	283954	91.164	ug/l	99
26) 2,2-Dichloropropane	7.471	77	103360	18.353	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71240	17.967	ug/l	94
28) Bromochloromethane	7.794	49	69154	21.799	ug/l	97
29) Tetrahydrofuran	7.829	42	179766	89.680	ug/l	98
30) Chloroform	7.947	83	129281	19.302	ug/l	99
31) Cyclohexane	8.241	56	93467	17.086	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	107369	18.916	ug/l	92
36) 1,1-Dichloropropene	8.347	75	79870	17.344	ug/l	98
37) Ethyl Acetate	7.547	43	113551	18.045	ug/l	97
38) Carbon Tetrachloride	8.341	117	88352	19.432	ug/l	98
39) Methylcyclohexane	9.576	83	83939	16.556	ug/l	95
40) Benzene	8.588	78	266523	18.870	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087823.D
Acq On : 15 Sep 2025 09:56
Operator : JC\MD
Sample : VN0915WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 01:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	54809	16.815	ug/l		96
42) 1,2-Dichloroethane	8.653	62	105061	19.357	ug/l		100
43) Isopropyl Acetate	8.676	43	175694	17.883	ug/l		98
44) Trichloroethene	9.329	130	59748	18.528	ug/l		98
45) 1,2-Dichloropropane	9.606	63	69942	18.786	ug/l		93
46) Dibromomethane	9.694	93	51625	19.486	ug/l		95
47) Bromodichloromethane	9.871	83	105630	19.454	ug/l		100
48) Methyl methacrylate	9.665	41	81295	17.494	ug/l		98
49) 1,4-Dioxane	9.682	88	25119	417.039	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.423	43	555651	93.741	ug/l		99
52) Toluene	10.606	92	163321	18.652	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	109528	19.488	ug/l		96
54) cis-1,3-Dichloropropene	10.288	75	110168	18.878	ug/l		91
55) 1,1,2-Trichloroethane	10.994	97	67130	19.818	ug/l		95
56) Ethyl methacrylate	10.859	69	97174	17.951	ug/l		95
57) 1,3-Dichloropropane	11.141	76	115692	19.299	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	277833	94.824	ug/l		97
59) 2-Hexanone	11.176	43	350869	93.661	ug/l		99
60) Dibromochloromethane	11.335	129	75990	19.361	ug/l		99
61) 1,2-Dibromoethane	11.447	107	69960	19.587	ug/l		99
64) Tetrachloroethene	11.082	164	48297	17.584	ug/l		97
65) Chlorobenzene	11.870	112	179549	18.229	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.935	131	63703	19.482	ug/l		97
67) Ethyl Benzene	11.941	91	298893	17.527	ug/l		100
68) m/p-Xylenes	12.047	106	232869	37.234	ug/l		94
69) o-Xylene	12.376	106	108163	17.647	ug/l		99
70) Styrene	12.394	104	190127	18.516	ug/l		99
71) Bromoform	12.559	173	50471	20.126	ug/l	#	97
73) Isopropylbenzene	12.676	105	278533	16.466	ug/l		99
74) N-amyl acetate	12.670	43	110795m	17.284	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	112530	19.322	ug/l		95
76) 1,2,3-Trichloropropane	12.970	75	99885m	20.347	ug/l		
77) Bromobenzene	12.959	156	74393	18.652	ug/l		90
78) n-propylbenzene	13.012	91	352826	16.934	ug/l		99
79) 2-Chlorotoluene	13.106	91	210831	16.814	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	243779	16.988	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	30640m	16.524	ug/l		
82) 4-Chlorotoluene	13.200	91	222078	16.846	ug/l		97
83) tert-Butylbenzene	13.411	119	202356	16.922	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	248994	17.333	ug/l		99
85) sec-Butylbenzene	13.594	105	298460	16.819	ug/l		99
86) p-Isopropyltoluene	13.706	119	248772	16.977	ug/l		100
87) 1,3-Dichlorobenzene	13.711	146	140831	17.930	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	141565	17.320	ug/l		97
89) n-Butylbenzene	14.035	91	243010	16.698	ug/l		99
90) Hexachloroethane	14.306	117	47397	16.978	ug/l		91
91) 1,2-Dichlorobenzene	14.082	146	135243	18.150	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23715	17.142	ug/l		96
93) 1,2,4-Trichlorobenzene	15.370	180	77667	17.358	ug/l		100
94) Hexachlorobutadiene	15.470	225	31275	19.606	ug/l		95
95) Naphthalene	15.611	128	260485	16.436	ug/l		98
96) 1,2,3-Trichlorobenzene	15.811	180	74831	17.107	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087823.D
Acq On : 15 Sep 2025 09:56
Operator : JC\MD
Sample : VN0915WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 01:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

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

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

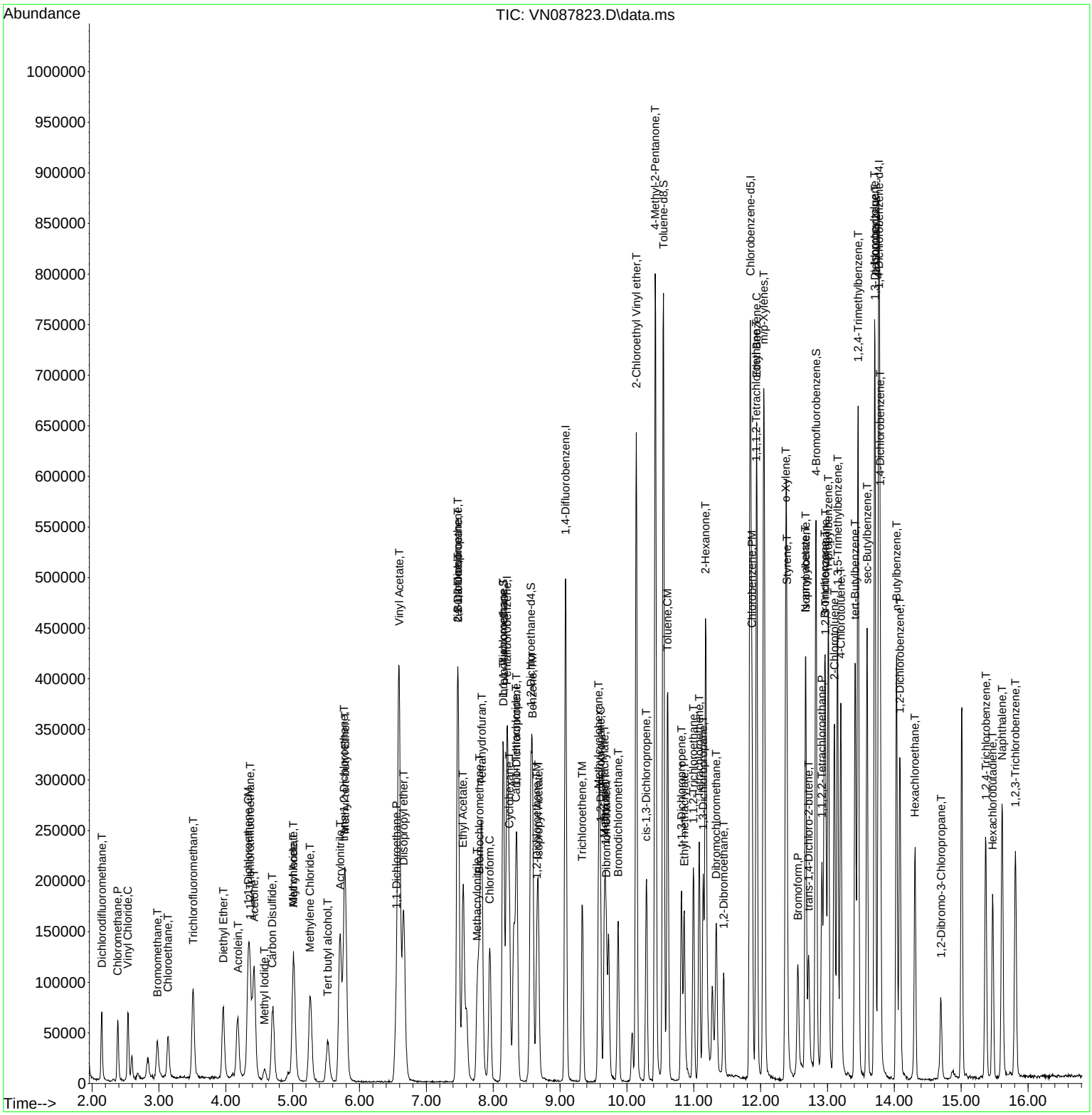
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087823.D
Acq On : 15 Sep 2025 09:56
Operator : JC\MD
Sample : VN0915WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 01:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087796.D
Acq On : 11 Sep 2025 14:42
Operator : JC\MD
Sample : VN0911WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:52:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	284367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	516573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	252435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	248999	42.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.480%			
35) Dibromofluoromethane	8.147	113	184238	49.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	10.547	98	658053	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.280%			
62) 4-Bromofluorobenzene	12.829	95	235639	47.466	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	90187	22.330	ug/l	97
3) Chloromethane	2.383	50	92197	22.213	ug/l	95
4) Vinyl Chloride	2.536	62	104785	21.774	ug/l	99
5) Bromomethane	2.977	94	59650	24.022	ug/l	95
6) Chloroethane	3.136	64	68245	20.177	ug/l	93
7) Trichlorofluoromethane	3.512	101	160411	22.751	ug/l	100
8) Diethyl Ether	3.959	74	61819	20.132	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	87627	21.964	ug/l	94
10) Methyl Iodide	4.583	142	64098	25.380	ug/l	96
11) Tert butyl alcohol	5.530	59	106308	105.102	ug/l	99
12) 1,1-Dichloroethene	4.330	96	87329	21.301	ug/l	93
13) Acrolein	4.183	56	84753	68.158	ug/l	99
14) Allyl chloride	5.018	41	135039	18.176	ug/l	98
15) Acrylonitrile	5.706	53	284485	99.728	ug/l	98
16) Acetone	4.424	43	281669	88.807	ug/l	96
17) Carbon Disulfide	4.695	76	245100	21.716	ug/l	95
18) Methyl Acetate	5.024	43	126495	19.048	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	302111	19.643	ug/l	92
20) Methylene Chloride	5.265	84	97533	20.528	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	88859	19.998	ug/l	88
22) Diisopropyl ether	6.659	45	309822	19.324	ug/l	98
23) Vinyl Acetate	6.594	43	1457687	99.933	ug/l	99
24) 1,1-Dichloroethane	6.553	63	171709	19.533	ug/l #	93
25) 2-Butanone	7.471	43	406134	97.330	ug/l	99
26) 2,2-Dichloropropane	7.471	77	151340	20.059	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	103096	19.408	ug/l	97
28) Bromochloromethane	7.800	49	82350	19.377	ug/l	97
29) Tetrahydrofuran	7.830	42	262404	97.715	ug/l	99
30) Chloroform	7.947	83	182840	20.378	ug/l	100
31) Cyclohexane	8.236	56	153604	20.960	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	156909	20.635	ug/l	98
36) 1,1-Dichloropropene	8.347	75	119325	20.855	ug/l	95
37) Ethyl Acetate	7.547	43	156153	19.972	ug/l	98
38) Carbon Tetrachloride	8.341	117	133901	23.702	ug/l	98
39) Methylcyclohexane	9.577	83	147246	23.375	ug/l	97
40) Benzene	8.583	78	385488	21.966	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087796.D
Acq On : 11 Sep 2025 14:42
Operator : JC\MD
Sample : VN0911WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:52:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	84250	20.802	ug/l		98
42) 1,2-Dichloroethane	8.653	62	143929	21.342	ug/l		100
43) Isopropyl Acetate	8.671	43	256028	20.974	ug/l		98
44) Trichloroethene	9.330	130	89641	22.373	ug/l		97
45) 1,2-Dichloropropane	9.600	63	95736	20.696	ug/l		100
46) Dibromomethane	9.688	93	73049	22.191	ug/l		95
47) Bromodichloromethane	9.865	83	149553	22.168	ug/l		97
48) Methyl methacrylate	9.665	41	120665	20.898	ug/l		97
49) 1,4-Dioxane	9.683	88	36752	491.085	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.424	43	804345	109.212	ug/l		100
52) Toluene	10.612	92	239807	22.042	ug/l		97
53) t-1,3-Dichloropropene	10.812	75	149420	21.397	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	155127	21.394	ug/l		93
55) 1,1,2-Trichloroethane	10.994	97	94082	22.354	ug/l		97
56) Ethyl methacrylate	10.853	69	143672	21.360	ug/l		97
57) 1,3-Dichloropropane	11.141	76	161502	21.682	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	278180	76.412	ug/l		99
59) 2-Hexanone	11.177	43	516097	110.878	ug/l		99
60) Dibromochloromethane	11.335	129	107819	22.109	ug/l		99
61) 1,2-Dibromoethane	11.447	107	97873	22.054	ug/l		98
64) Tetrachloroethene	11.082	164	74523	22.891	ug/l		89
65) Chlorobenzene	11.871	112	255372	21.876	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.935	131	90019	23.227	ug/l		99
67) Ethyl Benzene	11.941	91	450854	22.306	ug/l		98
68) m/p-Xylenes	12.047	106	343287	46.310	ug/l		98
69) o-Xylene	12.376	106	160231	22.057	ug/l		99
70) Styrene	12.388	104	275652	22.649	ug/l		99
71) Bromoform	12.559	173	71739	24.136	ug/l	#	98
73) Isopropylbenzene	12.671	105	423440	20.758	ug/l		99
74) N-amyl acetate	12.524	43	148966m	19.270	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	150166	21.382	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	135367m	22.867	ug/l		
77) Bromobenzene	12.959	156	99260	20.638	ug/l		99
78) n-propylbenzene	13.012	91	538903	21.448	ug/l		100
79) 2-Chlorotoluene	13.106	91	314012	20.768	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	360655	20.842	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	44946	20.100	ug/l		85
82) 4-Chlorotoluene	13.200	91	323353	20.340	ug/l		100
83) tert-Butylbenzene	13.412	119	306158	21.231	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	368292	21.261	ug/l		100
85) sec-Butylbenzene	13.594	105	468005	21.870	ug/l		98
86) p-Isopropyltoluene	13.706	119	389998	22.071	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	202490	21.379	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	203735	20.670	ug/l		99
89) n-Butylbenzene	14.035	91	378369	21.560	ug/l		99
90) Hexachloroethane	14.306	117	77697	23.080	ug/l		93
91) 1,2-Dichlorobenzene	14.082	146	196560	21.875	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	32962	19.758	ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	111854	20.730	ug/l		98
94) Hexachlorobutadiene	15.470	225	47970	24.937	ug/l		98
95) Naphthalene	15.612	128	386312	20.213	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	113978	21.607	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087796.D
Acq On : 11 Sep 2025 14:42
Operator : JC\MD
Sample : VN0911WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:52:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025

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

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

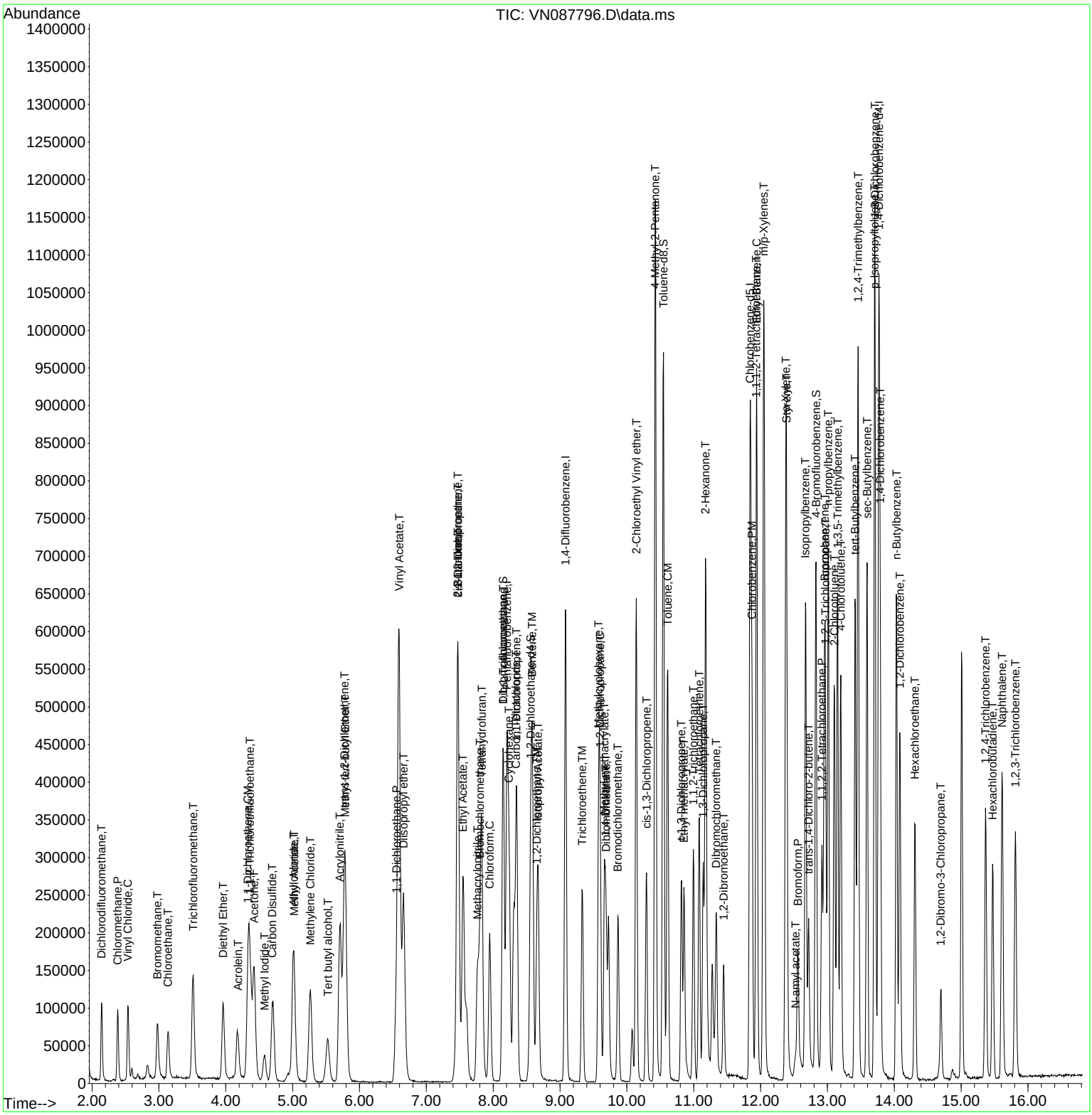
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087796.D
Acq On : 11 Sep 2025 14:42
Operator : JC\MD
Sample : VN0911WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:52:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087619.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	1,4-Dichlorobenzene	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Diethyl Ether	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Ethyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Methyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	N-amyl acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	Ethyl Acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	N-amyl acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	N-amyl acetate	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	N-amyl acetate	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087623.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:28 AM	MMDadoda	8/25/2025 8:11:24 AM	Peak Integrated by Software
VSTDICC150	VN087624.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:33 AM	MMDadoda	8/25/2025 8:11:26 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	N-amyl acetate	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn091125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087792.D	1,2,3-Trichloropropane	sam	9/12/2025 9:18:13 AM	MMDadoda	9/12/2025 1:48:06 PM	Peak Integrated by Software
VSTDCCC050	VN087792.D	N-amyl acetate	sam	9/12/2025 9:18:13 AM	MMDadoda	9/12/2025 1:48:06 PM	Peak Integrated by Software
VN0911WBS01	VN087795.D	1,2,3-Trichloropropane	sam	9/12/2025 9:18:17 AM	MMDadoda	9/12/2025 1:48:09 PM	Peak Integrated by Software
VN0911WBS01	VN087795.D	N-amyl acetate	sam	9/12/2025 9:18:17 AM	MMDadoda	9/12/2025 1:48:09 PM	Peak Integrated by Software
VN0911WBSD01	VN087796.D	1,2,3-Trichloropropane	sam	9/12/2025 9:18:21 AM	MMDadoda	9/12/2025 1:48:11 PM	Peak Integrated by Software
VN0911WBSD01	VN087796.D	N-amyl acetate	sam	9/12/2025 9:18:21 AM	MMDadoda	9/12/2025 1:48:11 PM	Peak Integrated by Software
VSTDCCC050	VN087809.D	1,2,3-Trichloropropane	sam	9/12/2025 9:18:49 AM	MMDadoda	9/12/2025 1:48:19 PM	Peak Integrated by Software
VSTDCCC050	VN087809.D	N-amyl acetate	sam	9/12/2025 9:18:49 AM	MMDadoda	9/12/2025 1:48:19 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN091525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087820.D	1,2,3-Trichloropropane	JOHN	9/16/2025 8:01:03 AM	MMDadoda	9/16/2025 8:01:46 AM	Peak Integrated by Software
VSTDCCC050	VN087820.D	Bromomethane	JOHN	9/16/2025 8:01:03 AM	MMDadoda	9/16/2025 8:01:46 AM	Peak Integrated by Software
VSTDCCC050	VN087820.D	N-amyl acetate	JOHN	9/16/2025 8:01:03 AM	MMDadoda	9/16/2025 8:01:46 AM	Peak Integrated by Software
VN0915WBS01	VN087823.D	1,2,3-Trichloropropane	JOHN	9/16/2025 8:03:46 AM	Sam	9/16/2025 8:05:33 AM	Peak Integrated by Software
VN0915WBS01	VN087823.D	Allyl chloride	JOHN	9/16/2025 8:03:46 AM	Sam	9/16/2025 8:05:33 AM	Peak Integrated by Software
VN0915WBS01	VN087823.D	N-amyl acetate	JOHN	9/16/2025 8:03:46 AM	Sam	9/16/2025 8:05:33 AM	Peak Integrated by Software
VN0915WBS01	VN087823.D	trans-1,4-Dichloro-2-but ene	JOHN	9/16/2025 8:03:46 AM	Sam	9/16/2025 8:05:33 AM	Peak Integrated by Software
VSTDCCC050	VN087845.D	1,2,3-Trichloropropane	MMDadod a	9/16/2025 8:02:14 AM	Sam	9/16/2025 8:05:44 AM	Peak Integrated by Software
VSTDCCC050	VN087845.D	N-amyl acetate	MMDadod a	9/16/2025 8:02:14 AM	Sam	9/16/2025 8:05:44 AM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087614.D	21 Aug 2025 09:30	JC\MD	Ok
2	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	JC\MD	Not Ok
3	VN0821WBS01	VN087616.D	21 Aug 2025 10:37	JC\MD	Not Ok
4	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11	JC\MD	Not Ok
5	VN0821WBL01	VN087618.D	21 Aug 2025 11:36	JC\MD	Not Ok
6	VSTDICC001	VN087619.D	21 Aug 2025 12:09	JC\MD	Ok,M
7	VSTDICC005	VN087620.D	21 Aug 2025 13:08	JC\MD	Ok,M
8	VSTDICC020	VN087621.D	21 Aug 2025 13:41	JC\MD	Ok,M
9	VSTDICCC050	VN087622.D	21 Aug 2025 14:02	JC\MD	Ok,M
10	VSTDICC100	VN087623.D	21 Aug 2025 14:23	JC\MD	Ok,M
11	VSTDICC150	VN087624.D	21 Aug 2025 14:44	JC\MD	Ok,M
12	IBLK	VN087625.D	21 Aug 2025 15:05	JC\MD	Ok
13	VSTDICV050	VN087626.D	21 Aug 2025 15:47	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091125

Review By	Mahesh Dadoda	Review On	9/12/2025 1:48:33 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/12/2025 1:52:34 PM		
SubDirectory	VN091125	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135417
Initial Calibration Stds	
CCC	VP135415,VP135416
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087791.D	11 Sep 2025 09:53	JC\MD	Ok
2	VSTDCCC050	VN087792.D	11 Sep 2025 12:49	JC\MD	Ok,M
3	VN0911MBL01	VN087793.D	11 Sep 2025 13:25	JC\MD	Ok
4	VN0911WBL01	VN087794.D	11 Sep 2025 13:45	JC\MD	Ok
5	VN0911WBS01	VN087795.D	11 Sep 2025 14:21	JC\MD	Ok,M
6	VN0911WBSD01	VN087796.D	11 Sep 2025 14:42	JC\MD	Ok,M
7	Q3078-01	VN087797.D	11 Sep 2025 15:03	JC\MD	Dilution
8	VIBLK	VN087798.D	11 Sep 2025 15:25	JC\MD	Ok
9	Q3078-02	VN087799.D	11 Sep 2025 15:45	JC\MD	Ok
10	PB169644TB	VN087800.D	11 Sep 2025 16:06	JC\MD	Ok,M
11	Q3054-04	VN087801.D	11 Sep 2025 16:27	JC\MD	Ok,M
12	Q3054-08	VN087802.D	11 Sep 2025 16:48	JC\MD	Ok
13	Q3072-02	VN087803.D	11 Sep 2025 17:09	JC\MD	Ok,M
14	Q3083-01	VN087804.D	11 Sep 2025 17:30	JC\MD	ReRun
15	Q3083-02	VN087805.D	11 Sep 2025 17:51	JC\MD	Ok
16	Q3083-03	VN087806.D	11 Sep 2025 18:11	JC\MD	Ok
17	Q3078-01DL	VN087807.D	11 Sep 2025 18:32	JC\MD	Ok
18	VN0911WBS02	VN087808.D	11 Sep 2025 18:53	JC\MD	Not Ok
19	VSTDCCC050	VN087809.D	11 Sep 2025 19:14	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091525

Review By	Mahesh Dadoda	Review On	9/16/2025 7:59:53 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/16/2025 8:03:28 AM		
SubDirectory	VN091525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135447
Initial Calibration Stds	
CCC	VP135448,VP135449
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087819.D	15 Sep 2025 08:18	JC\MD	Ok
2	VSTDCCC050	VN087820.D	15 Sep 2025 08:39	JC\MD	Ok,M
3	VN0915MBL01	VN087821.D	15 Sep 2025 09:14	JC\MD	Ok
4	VN0915WBL01	VN087822.D	15 Sep 2025 09:35	JC\MD	Ok
5	VN0915WBS01	VN087823.D	15 Sep 2025 09:56	JC\MD	Ok,M
6	VN0915WBSD01	VN087824.D	15 Sep 2025 10:29	JC\MD	Ok,M
7	Q3083-01	VN087825.D	15 Sep 2025 10:50	JC\MD	Ok
8	Q3088-02	VN087826.D	15 Sep 2025 11:11	JC\MD	Ok
9	PB169678TB	VN087827.D	15 Sep 2025 11:32	JC\MD	Ok
10	Q3082-02	VN087828.D	15 Sep 2025 11:53	JC\MD	Ok
11	Q3082-04	VN087829.D	15 Sep 2025 12:14	JC\MD	Ok,M
12	Q3082-06	VN087830.D	15 Sep 2025 12:35	JC\MD	Ok
13	Q3082-08	VN087831.D	15 Sep 2025 12:56	JC\MD	Ok
14	Q3082-10	VN087832.D	15 Sep 2025 13:17	JC\MD	Ok,M
15	Q3092-01	VN087833.D	15 Sep 2025 13:38	JC\MD	Ok
16	Q3092-02	VN087834.D	15 Sep 2025 13:59	JC\MD	Ok
17	Q3092-03	VN087835.D	15 Sep 2025 14:20	JC\MD	Ok,M
18	Q3092-04	VN087836.D	15 Sep 2025 14:41	JC\MD	Ok
19	VN0915MBS01	VN087837.D	15 Sep 2025 15:02	JC\MD	Ok,M
20	VN0915MBSD01	VN087838.D	15 Sep 2025 15:22	JC\MD	Ok,M
21	Q3058-01ME	VN087839.D	15 Sep 2025 15:43	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091525

Review By	Mahesh Dadoda	Review On	9/16/2025 7:59:53 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/16/2025 8:03:28 AM		
SubDirectory	VN091525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135447
Initial Calibration Stds	
CCC	VP135448,VP135449
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3075-04	VN087840.D	15 Sep 2025 16:04	JC\MD	Ok
23	Q3074-01	VN087841.D	15 Sep 2025 16:25	JC\MD	Ok
24	Q3073-02	VN087842.D	15 Sep 2025 16:46	JC\MD	Ok
25	Q3075-06	VN087843.D	15 Sep 2025 17:06	JC\MD	Ok
26	Q3077-01	VN087844.D	15 Sep 2025 17:27	JC\MD	Not Ok
27	VSTDCCC050	VN087845.D	15 Sep 2025 18:09	JC\MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087614.D	21 Aug 2025 09:30		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	Need ICAL	JC\MD	Not Ok
3	VN0821WBS01	VN0821WBS01	VN087616.D	21 Aug 2025 10:37		JC\MD	Not Ok
4	VN0821WBSD01	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11		JC\MD	Not Ok
5	VN0821WBL01	VN0821WBL01	VN087618.D	21 Aug 2025 11:36		JC\MD	Not Ok
6	VSTDICC001	VSTDICC001	VN087619.D	21 Aug 2025 12:09	LR-10,20	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN087620.D	21 Aug 2025 13:08		JC\MD	Ok,M
8	VSTDICC020	VSTDICC020	VN087621.D	21 Aug 2025 13:41	method not used for #N-amyle Acetate	JC\MD	Ok,M
9	VSTDICCC050	VSTDICCC050	VN087622.D	21 Aug 2025 14:02		JC\MD	Ok,M
10	VSTDICC100	VSTDICC100	VN087623.D	21 Aug 2025 14:23		JC\MD	Ok,M
11	VSTDICC150	VSTDICC150	VN087624.D	21 Aug 2025 14:44		JC\MD	Ok,M
12	IBLK	IBLK	VN087625.D	21 Aug 2025 15:05		JC\MD	Ok
13	VSTDICV050	ICVVN082125	VN087626.D	21 Aug 2025 15:47	Icv Failed for Com.# 64 for DOD	JC\MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091125

Review By	Mahesh Dadoda	Review On	9/12/2025 1:48:33 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/12/2025 1:52:34 PM		
SubDirectory	VN091125	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135417
Initial Calibration Stds	
CCC	VP135415,VP135416
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087791.D	11 Sep 2025 09:53		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087792.D	11 Sep 2025 12:49		JC\MD	Ok,M
3	VN0911MBL01	VN0911MBL01	VN087793.D	11 Sep 2025 13:25		JC\MD	Ok
4	VN0911WBL01	VN0911WBL01	VN087794.D	11 Sep 2025 13:45		JC\MD	Ok
5	VN0911WBS01	VN0911WBS01	VN087795.D	11 Sep 2025 14:21	BS Failed High For Com.#40,65,68	JC\MD	Ok,M
6	VN0911WBSD01	VN0911WBSD01	VN087796.D	11 Sep 2025 14:42	BSD Failed High For Com.#39,40,65,67,68,69	JC\MD	Ok,M
7	Q3078-01	250910074-01-VOA	VN087797.D	11 Sep 2025 15:03	Need 10X;BS,BSD Failed High,vial A pH#8	JC\MD	Dilution
8	VIBLK	VIBLK	VN087798.D	11 Sep 2025 15:25		JC\MD	Ok
9	Q3078-02	250910064-01-TRIP-BL	VN087799.D	11 Sep 2025 15:45	TB,vial A pH#7	JC\MD	Ok
10	PB169644TB	PB169644TB	VN087800.D	11 Sep 2025 16:06	vial A pH# 5	JC\MD	Ok,M
11	Q3054-04	MH-385	VN087801.D	11 Sep 2025 16:27	vial A pH# 5	JC\MD	Ok,M
12	Q3054-08	MH-384	VN087802.D	11 Sep 2025 16:48	vial B pH# 5	JC\MD	Ok
13	Q3072-02	30-GARFIELD-PL-COM	VN087803.D	11 Sep 2025 17:09	vial A pH# 5	JC\MD	Ok,M
14	Q3083-01	MW4S	VN087804.D	11 Sep 2025 17:30	BS failed High;BSD failed High,vial A pH#<2	JC\MD	ReRun
15	Q3083-02	MW4I	VN087805.D	11 Sep 2025 17:51	vial A pH#<3	JC\MD	Ok
16	Q3083-03	MW3S	VN087806.D	11 Sep 2025 18:11	vial A pH# <2	JC\MD	Ok
17	Q3078-01DL	250910074-01-VOADL	VN087807.D	11 Sep 2025 18:32	BS,BSD Failed High,vial C pH# 8,NO SAMPLE TO RERUN	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091125

Review By	Mahesh Dadoda	Review On	9/12/2025 1:48:33 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/12/2025 1:52:34 PM		
SubDirectory	VN091125	HP Acquire Method	MSVOA_N	HP Processing Method	VN082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135417
Initial Calibration Stds	
CCC	VP135415,VP135416
Internal Standard/PEM	VP134956
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VN0911WBS02	VN0911WBS02	VN087808.D	11 Sep 2025 18:53	Surrogate Fail	JC\MD	Not Ok
19	VSTDCCC050	VSTDCCC050EC	VN087809.D	11 Sep 2025 19:14		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091525

Review By	Mahesh Dadoda	Review On	9/16/2025 7:59:53 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/16/2025 8:03:28 AM		
SubDirectory	VN091525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135447
Initial Calibration Stds	
CCC	VP135448,VP135449
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	VN087819.D	15 Sep 2025 08:18		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087820.D	15 Sep 2025 08:39	pH#Lot#V12668	JC\MD	Ok,M
3	VN0915MBL01	VN0915MBL01	VN087821.D	15 Sep 2025 09:14		JC\MD	Ok
4	VN0915WBL01	VN0915WBL01	VN087822.D	15 Sep 2025 09:35		JC\MD	Ok
5	VN0915WBS01	VN0915WBS01	VN087823.D	15 Sep 2025 09:56		JC\MD	Ok,M
6	VN0915WBSD01	VN0915WBSD01	VN087824.D	15 Sep 2025 10:29		JC\MD	Ok,M
7	Q3083-01	MW4S	VN087825.D	15 Sep 2025 10:50	vial B pH<2	JC\MD	Ok
8	Q3088-02	90525-LQ	VN087826.D	15 Sep 2025 11:11	vial A pH<2 brown/ turbid sample	JC\MD	Ok
9	PB169678TB	PB169678TB	VN087827.D	15 Sep 2025 11:32		JC\MD	Ok
10	Q3082-02	WC-29	VN087828.D	15 Sep 2025 11:53	vial A pH#5.0	JC\MD	Ok
11	Q3082-04	WC-30	VN087829.D	15 Sep 2025 12:14	vial A pH#5.0	JC\MD	Ok,M
12	Q3082-06	WC-31	VN087830.D	15 Sep 2025 12:35	vial A pH#5.0	JC\MD	Ok
13	Q3082-08	WC-32	VN087831.D	15 Sep 2025 12:56	vial A pH#5.0	JC\MD	Ok
14	Q3082-10	WC-33	VN087832.D	15 Sep 2025 13:17	vial A pH#5.0	JC\MD	Ok,M
15	Q3092-01	291376	VN087833.D	15 Sep 2025 13:38	vial A pH#5.0	JC\MD	Ok
16	Q3092-02	291376	VN087834.D	15 Sep 2025 13:59	vial A pH#5.0	JC\MD	Ok
17	Q3092-03	279182	VN087835.D	15 Sep 2025 14:20	vial A pH#5.0	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091525

Review By	Mahesh Dadoda	Review On	9/16/2025 7:59:53 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/16/2025 8:03:28 AM		
SubDirectory	VN091525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135447
Initial Calibration Stds	
CCC	VP135448,VP135449
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3092-04	279182	VN087836.D	15 Sep 2025 14:41	vial A pH#5.0	JC\MD	Ok
19	VN0915MBS01	VN0915MBS01	VN087837.D	15 Sep 2025 15:02		JC\MD	Ok,M
20	VN0915MBSD01	VN0915MBSD01	VN087838.D	15 Sep 2025 15:22		JC\MD	Ok,M
21	Q3058-01ME	RPXY5ME	VN087839.D	15 Sep 2025 15:43		JC\MD	Ok
22	Q3075-04	MOO-25-0258	VN087840.D	15 Sep 2025 16:04	cloth material	JC\MD	Ok
23	Q3074-01	MOO-25-0141	VN087841.D	15 Sep 2025 16:25	cloth material	JC\MD	Ok
24	Q3073-02	BEL-25-0023	VN087842.D	15 Sep 2025 16:46	cloth material	JC\MD	Ok
25	Q3075-06	MOO-25-0259	VN087843.D	15 Sep 2025 17:06	cloth material	JC\MD	Ok
26	Q3077-01	LAW-25-0137	VN087844.D	15 Sep 2025 17:27	cloth material run straight MEOH	JC\MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VN087845.D	15 Sep 2025 18:09		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3083	**OrderDate:**	9/11/2025 1:25:37 PM
Client:	G Environmental	**Project:**	Blanchard
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-01	**MW4S**	**Water**			**09/11/25**			**09/11/25**
			VOC-TCLVOA-10	8260-Low			09/15/25	
Q3083-02	**MW4I**	**Water**			**09/11/25**			**09/11/25**
			VOC-TCLVOA-10	8260-Low			09/11/25	
Q3083-03	**MW3S**	**Water**			**09/11/25**			**09/11/25**
			VOC-TCLVOA-10	8260-Low			09/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3083

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW3S									
Q3083-03	MW3S	WATER	Acenaphthene		6.900		0.55	5	ug/L
Q3083-03	MW3S	WATER	1,4-Dioxane		8.500		1	5	ug/L
			Total Svoc :				**15.40**		
Q3083-03	MW3S	WATER	Benzophenone	*	5.500	J	0	0	ug/L
Q3083-03	MW3S	WATER	cis-7-Hexadecenoic acid	*	3.900	J	0	0	ug/L
Q3083-03	MW3S	WATER	Dodecanoic acid	*	2.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	n-Hexadecanoic acid	*	22.700	J	0	0	ug/L
Q3083-03	MW3S	WATER	Octadecanoic acid	*	8.600	J	0	0	ug/L
Q3083-03	MW3S	WATER	Pentacos-1-ene	*	5.500	J	0	0	ug/L
Q3083-03	MW3S	WATER	p-Phenylhydrocinnamonitrile	*	30.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	Supraene	*	11.000	J	0	0	ug/L
Q3083-03	MW3S	WATER	(2,2,5,5-Tetramethyldihydro-1,3,4	*	2.400	J	0	0	ug/L
			Total Tics :				**91.60**		
			Total Concentration:				**107.00**		

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	6.90		0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	8.50		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.8		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	45.2		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.5		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

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Report of Analysis

Client:	G Environmental			Date Collected:	09/11/25
Project:	Blanchard			Date Received:	09/11/25
Client Sample ID:	MW3S			SDG No.:	Q3083
Lab Sample ID:	Q3083-03			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	81.0		30 (42) - 130 (152)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	169000	7.749			
1146-65-2	Naphthalene-d8	657000	10.519			
15067-26-2	Acenaphthene-d10	438000	14.372			
1517-22-2	Phenanthrene-d10	872000	17.172			
1719-03-5	Chrysene-d12	885000	21.63			
1520-96-3	Perylene-d12	934000	24.989			
TENTATIVE IDENTIFIED COMPOUNDS						
000143-07-7	Dodecanoic acid	2.00	J		14.8	ug/L
1000192-04-6	(2,2,5,5-Tetramethyldihydro-1,3,4,	2.40	J		15.4	ug/L
000119-61-9	Benzophenone	5.50	J		15.8	ug/L
092552-19-7	p-Phenylhydrocinnamonitrile	30.0	J		17.5	ug/L
002416-19-5	cis-7-Hexadecenoic acid	3.90	J		18.0	ug/L
000057-10-3	n-Hexadecanoic acid	22.7	J		18.1	ug/L
000057-11-4	Octadecanoic acid	8.60	J		19.4	ug/L
016980-85-1	Pentacos-1-ene	5.50	J		21.3	ug/L
007683-64-9	Supraene	11.0	J		23.4	ug/L

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3083

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169719BL	PB169719BL	2-Fluorophenol	150	119	79		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	73.4	73		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.1	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	71.7	72		30 (42)	130 (152)
PB169719BS	PB169719BS	2-Fluorophenol	150	116	77		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.0	69		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.9	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	75		15 (44)	110 (137)
		Terphenyl-d14	100	72.6	73		30 (42)	130 (152)
PB169719BSD	PB169719BSD	2-Fluorophenol	150	116	78		15 (23)	110 (138)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.8	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	69.9	70		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	76		15 (44)	110 (137)
		Terphenyl-d14	100	72.7	73		30 (42)	130 (152)
Q3083-03	MW3S	2-Fluorophenol	150	68.8	46		15 (23)	110 (138)
		Phenol-d6	150	45.2	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	81.5	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BS	Benzaldehyde	50	29.4	ug/L	59				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	37.3	ug/L	75				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74				70 (65)	130 (100)	
	Acetophenone	50	40.6	ug/L	81				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72				70 (57)	130 (107)	
	Hexachloroethane	50	37.0	ug/L	74				20 (76)	160 (118)	
	Nitrobenzene	50	38.1	ug/L	76				70 (58)	130 (106)	
	Isophorone	50	36.1	ug/L	72				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77				70 (58)	130 (109)	
	Naphthalene	50	37.5	ug/L	75				70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	38.7	ug/L	77				70 (69)	130 (101)	
	Caprolactam	50	36.2	ug/L	72				20 (58)	160 (128)	
	2-Methylnaphthalene	50	37.6	ug/L	75				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	76.0	ug/L	76				20 (36)	160 (160)	
	1,1-Biphenyl	50	41.6	ug/L	83				70 (72)	130 (98)	
	2-Chloronaphthalene	50	38.7	ug/L	77				70 (59)	130 (106)	
	2-Nitroaniline	50	39.6	ug/L	79				70 (73)	130 (114)	
	Dimethylphthalate	50	38.7	ug/L	77				70 (64)	130 (103)	
	Acenaphthylene	50	39.2	ug/L	78				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	40.0	ug/L	80				70 (64)	130 (110)	
	3-Nitroaniline	50	28.5	ug/L	57		*		70 (28)	130 (100)	
	Acenaphthene	50	38.0	ug/L	76				70 (59)	130 (113)	
	Dibenzofuran	50	38.5	ug/L	77				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	40.6	ug/L	81				70 (60)	130 (115)	
	Diethylphthalate	50	39.3	ug/L	79				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77				70 (61)	130 (104)	
	Fluorene	50	38.3	ug/L	77				70 (64)	130 (107)	
	4-Nitroaniline	50	39.4	ug/L	79				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	40.0	ug/L	80				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	40.6	ug/L	81				70 (73)	130 (103)	
	Hexachlorobenzene	50	39.1	ug/L	78				70 (73)	130 (106)	
	Atrazine	50	40.7	ug/L	81				70 (76)	130 (120)	
	Phenanthrene	50	39.1	ug/L	78				70 (62)	130 (109)	
	Anthracene	50	39.5	ug/L	79				70 (65)	130 (110)	
	Carbazole	50	39.6	ug/L	79				70 (62)	130 (106)	
	Di-n-butylphthalate	50	40.5	ug/L	81				70 (64)	130 (106)	
	Fluoranthene	50	38.8	ug/L	78				70 (64)	130 (110)	
	Pyrene	50	41.5	ug/L	83				70 (71)	130 (103)	
	Butylbenzylphthalate	50	41.5	ug/L	83				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	27.8	ug/L	56		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	39.6	ug/L	79				70 (62)	130 (107)	
	Chrysene	50	39.8	ug/L	80				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82				70 (59)	130 (110)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BS	Di-n-octyl phthalate	50	39.8	ug/L	80				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.8	ug/L	84				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	40.1	ug/L	80				70 (77)	130 (105)	
	Benzo(a)pyrene	50	40.4	ug/L	81				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	43.2	ug/L	86				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				70 (72)	130 (101)	
	1,4-Dioxane	50	31.8	ug/L	64				20 (38)	160 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Benzaldehyde	50	29.8	ug/L	60	1			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	38.1	ug/L	76	2			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	37.0	ug/L	74	0			70 (65)	130 (100)	20 (20)
	Acetophenone	50	40.8	ug/L	82	0			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	36.4	ug/L	73	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	38.0	ug/L	76	3			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	38.9	ug/L	78	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	36.9	ug/L	74	2			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	0			70 (58)	130 (109)	20 (20)
	Naphthalene	50	38.1	ug/L	76	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.1	ug/L	40	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	38.7	ug/L	77	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	36.6	ug/L	73	1			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	37.6	ug/L	75	0			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	76.9	ug/L	77	1			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	41.4	ug/L	83	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	38.8	ug/L	78	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	40.3	ug/L	81	2			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	38.7	ug/L	77	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	39.7	ug/L	79	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	39.5	ug/L	79	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	27.5	ug/L	55	4	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	38.4	ug/L	77	1			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	38.3	ug/L	77	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	40.5	ug/L	81	0			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	38.9	ug/L	78	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	37.9	ug/L	76	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	38.1	ug/L	76	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	39.3	ug/L	79	0			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	40.0	ug/L	80	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	39.9	ug/L	80	2			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	38.5	ug/L	77	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	39.9	ug/L	80	2			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	39.0	ug/L	78	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	39.1	ug/L	78	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	39.4	ug/L	79	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	39.1	ug/L	78	4			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	39.3	ug/L	79	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	41.3	ug/L	83	0			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	42.1	ug/L	84	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	27.6	ug/L	55	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	40.2	ug/L	80	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	39.5	ug/L	79	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	41.0	ug/L	82	0			70 (59)	130 (110)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Di-n-octyl phthalate	50	39.2	ug/L	78	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	41.7	ug/L	83	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	42.5	ug/L	85	6			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	40.7	ug/L	81	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.6	ug/L	85	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	43.3	ug/L	87	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.7	ug/L	65	3			20 (38)	160 (125)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169719BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: BP025776.D | Lab Sample ID: PB169719BL

Instrument ID: BNA_P | Date Extracted: 09/17/2025

Matrix: (soil/water) Water | Date Analyzed: 09/17/2025

Level: (low/med) LOW | Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169719BS	PB169719BS	BP025774.D	09/17/2025
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025
MW3S	Q3083-03	BP025797.D	09/19/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BP025724.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BP025768.D DFTPP Injection Date: 09/17/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.9 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025769.D	09/17/2025	12:03
PB169719BS	PB169719BS	BP025774.D	09/17/2025	20:35
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025	21:16
PB169719BL	PB169719BL	BP025776.D	09/17/2025	21:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: BP025791.D | DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_P | DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.8
443	15.0 - 24.0% of mass 442	13 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025792.D	09/19/2025	10:12
MW3S	Q3083-03	BP025797.D	09/19/2025	13:43

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	173185	7.755	666754	10.53	429441	14.37
	UPPER LIMIT	346370	8.255	1333510	11.025	858882	14.872
	LOWER LIMIT	86592.5	7.255	333377	10.025	214721	13.872
	EPA SAMPLE NO.						
01	PB169719BL	179386	7.75	669415	10.53	415180	14.37
02	PB169719BS	164300	7.76	643426	10.52	416776	14.37
03	PB169719BSD	164703	7.76	637233	10.53	413759	14.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	869670	17.172	945078	21.625	1090690	24.989
	UPPER LIMIT	1739340	17.672	1890160	22.125	2181380	25.489
	LOWER LIMIT	434835	16.672	472539	21.125	545345	24.489
	EPA SAMPLE NO.						
01	PB169719BL	826588	17.17	912511	21.61	985422	24.97
02	PB169719BS	849137	17.17	847157	21.62	873039	24.97
03	PB169719BSD	845328	17.18	850188	21.63	857103	24.98

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	182285	7.749	709982	10.51	456027	14.37
	UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
	LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
	EPA SAMPLE NO.						
01	MW3S	169135	7.75	657250	10.52	437837	14.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	907902	17.172	942075	21.619	1041360	24.971
	UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
	LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
	EPA SAMPLE NO.						
01	MW3S	872207	17.17	884935	21.63	933835	24.99

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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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BL	SDG No.:	Q3083
Lab Sample ID:	PB169719BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3083
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.4		30 (67) - 130 (132)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3083
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	71.7		30 (42) - 130 (152)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.754			
1146-65-2	Naphthalene-d8	669000	10.525			
15067-26-2	Acenaphthene-d10	415000	14.372			
1517-22-2	Phenanthrene-d10	827000	17.172			
1719-03-5	Chrysene-d12	913000	21.613			
1520-96-3	Perylene-d12	985000	24.971			

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:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BS			SDG No.:	Q3083
Lab Sample ID:	PB169719BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOCMS Group2
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.4		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.3		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.9		1.30	5.00	ug/L
98-86-2	Acetophenone	40.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	37.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.1		0.76	5.00	ug/L
78-59-1	Isophorone	36.1		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	37.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.2		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.0		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	39.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	40.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	28.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.0		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	39.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.5		0.68	5.00	ug/L
86-73-7	Fluorene	38.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.4		1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3083
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	39.1		0.52	5.00	ug/L
1912-24-9	Atrazine	40.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.1		0.50	5.00	ug/L
120-12-7	Anthracene	39.5		0.61	5.00	ug/L
86-74-8	Carbazole	39.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.8		0.82	5.00	ug/L
129-00-0	Pyrene	41.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	41.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	39.6		0.45	5.00	ug/L
218-01-9	Chrysene	39.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.8		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	40.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.4		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.8		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		15 (23) - 110 (138)	77%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0		30 (67) - 130 (132)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		15 (44) - 110 (137)	75%	SPK: 150

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BS			SDG No.:	Q3083
Lab Sample ID:	PB169719BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.6		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	7.755			
1146-65-2	Naphthalene-d8	643000	10.519			
15067-26-2	Acenaphthene-d10	417000	14.372			
1517-22-2	Phenanthrene-d10	849000	17.172			
1719-03-5	Chrysene-d12	847000	21.624			
1520-96-3	Perylene-d12	873000	24.971			

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:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3083
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.8		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.1		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.0		1.30	5.00	ug/L
98-86-2	Acetophenone	40.8		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.4		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.9		0.76	5.00	ug/L
78-59-1	Isophorone	36.9		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	38.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.1		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	40.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	39.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.4		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	38.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.9		0.68	5.00	ug/L
86-73-7	Fluorene	38.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.3		1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3083
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	38.5		0.52	5.00	ug/L
1912-24-9	Atrazine	39.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.1		0.61	5.00	ug/L
86-74-8	Carbazole	39.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
129-00-0	Pyrene	41.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	42.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	40.2		0.45	5.00	ug/L
218-01-9	Chrysene	39.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.3		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.7		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		15 (23) - 110 (138)	78%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.8		30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		15 (44) - 110 (137)	76%	SPK: 150

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3083
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.7		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.755			
1146-65-2	Naphthalene-d8	637000	10.525			
15067-26-2	Acenaphthene-d10	414000	14.372			
1517-22-2	Phenanthrene-d10	845000	17.178			
1719-03-5	Chrysene-d12	850000	21.63			
1520-96-3	Perylene-d12	857000	24.983			

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.323		6.7	
Benzaldehyde	0.987	0.805		-18.4	
Phenol-d6	1.648	1.712		3.9	
bis(2-Chloroethyl)ether	1.396	1.387		-0.6	
2,2-oxybis(1-Chloropropane)	2.283	2.159		-5.4	
Acetophenone	0.534	0.569		6.6	
n-Nitroso-di-n-propylamine	1.149	1.140	0.050	-0.8	
Nitrobenzene-d5	0.453	0.476		5.1	
Hexachloroethane	0.602	0.622		3.3	
Nitrobenzene	0.407	0.429		5.4	
Isophorone	0.797	0.808		1.4	
bis(2-Chloroethoxy)methane	0.461	0.479		3.9	
Naphthalene	1.078	1.121		4.0	
4-Chloroaniline	0.449	0.481		7.1	
Hexachlorobutadiene	0.229	0.248		8.3	20.0
Caprolactam	0.122	0.120		-1.6	
2-Methylnaphthalene	0.693	0.712		2.7	
Hexachlorocyclopentadiene	0.330	0.341	0.050	3.3	
2-Fluorobiphenyl	1.502	1.618		7.7	
1,1-Biphenyl	1.468	1.574		7.2	
2-Chloronaphthalene	1.156	1.235		6.8	
2-Nitroaniline	0.385	0.413		7.3	
Dimethylphthalate	1.527	1.567		2.6	
Acenaphthylene	1.915	2.027		5.8	
2,6-Dinitrotoluene	0.324	0.343		5.9	
3-Nitroaniline	0.340	0.368		8.2	
Acenaphthene	1.104	1.149		4.1	20.0
Dibenzofuran	1.800	1.852		2.9	
2,4-Dinitrotoluene	0.460	0.502		9.1	
Diethylphthalate	1.549	1.581		2.1	
4-Chlorophenyl-phenylether	0.721	0.742		2.9	
Fluorene	1.431	1.476		3.1	
4-Nitroaniline	0.349	0.388		11.2	
n-Nitrosodiphenylamine	0.612	0.647		5.7	20.0
2,4,6-Tribromophenol	0.249	0.276		10.8	
4-Bromophenyl-phenylether	0.220	0.239		8.6	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.248		6.0	
Phenanthrene	1.135	1.161		2.3	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.199		4.2	
Carbazole	1.070	1.109		3.6	
Di-n-butylphthalate	1.313	1.370		4.3	
Fluoranthene	1.361	1.439		5.7	20.0
Pyrene	1.335	1.370		2.6	
Terphenyl-d14	1.112	1.118		0.5	
Butylbenzylphthalate	0.585	0.610		4.3	
3,3-Dichlorobenzidine	0.473	0.529		11.8	
Benzo(a)anthracene	1.369	1.426		4.2	
Chrysene	1.305	1.368		4.8	
Bis(2-ethylhexyl)phthalate	0.856	0.891		4.1	
Di-n-octyl phthalate	1.523	1.585		4.1	20.0
Benzo(b)fluoranthene	1.223	1.305		6.6	
Benzo(k)fluoranthene	1.248	1.260		1.0	
Benzo(a)pyrene	1.198	1.252		4.5	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.599		10.0	
Dibenzo(a,h)anthracene	1.190	1.306		9.7	
Benzo(g,h,i)perylene	1.171	1.261		7.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.677		11.7	
1,4-Dioxane	0.520	0.547		5.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.228		-1.0	
Benzaldehyde	0.987	1.065		7.9	
Phenol-d6	1.648	1.562		-5.2	
bis(2-Chloroethyl)ether	1.396	1.332		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	2.240		-1.9	
Acetophenone	0.534	0.523		-2.1	
n-Nitroso-di-n-propylamine	1.149	1.058	0.050	-7.9	
Nitrobenzene-d5	0.453	0.446		-1.5	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.402		-1.2	
Isophorone	0.797	0.758		-4.9	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
Naphthalene	1.078	1.036		-3.9	
4-Chloroaniline	0.449	0.439		-2.2	
Hexachlorobutadiene	0.229	0.218		-4.8	20.0
Caprolactam	0.122	0.108		-11.5	
2-Methylnaphthalene	0.693	0.653		-5.8	
Hexachlorocyclopentadiene	0.330	0.324	0.050	-1.8	
2-Fluorobiphenyl	1.502	1.472		-2.0	
1,1-Biphenyl	1.468	1.478		0.7	
2-Chloronaphthalene	1.156	1.140		-1.4	
2-Nitroaniline	0.385	0.388		0.8	
Dimethylphthalate	1.527	1.459		-4.5	
Acenaphthylene	1.915	1.848		-3.5	
2,6-Dinitrotoluene	0.324	0.327		0.9	
3-Nitroaniline	0.340	0.339		-0.3	
Acenaphthene	1.104	1.057		-4.3	20.0
Dibenzofuran	1.800	1.711		-4.9	
2,4-Dinitrotoluene	0.460	0.457		-0.7	
Diethylphthalate	1.549	1.476		-4.7	
4-Chlorophenyl-phenylether	0.721	0.669		-7.2	
Fluorene	1.431	1.343		-6.2	
4-Nitroaniline	0.349	0.351		0.6	
n-Nitrosodiphenylamine	0.612	0.616		0.7	20.0
2,4,6-Tribromophenol	0.249	0.234		-6.0	
4-Bromophenyl-phenylether	0.220	0.220		0.0	
Hexachlorobenzene	0.245	0.236		-3.7	
Atrazine	0.234	0.230		-1.7	
Phenanthrene	1.135	1.108		-2.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.139		-1.0	
Carbazole	1.070	1.053		-1.6	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.339		-1.6	20.0
Pyrene	1.335	1.325		-0.7	
Terphenyl-d14	1.112	1.080		-2.9	
Butylbenzylphthalate	0.585	0.598		2.2	
3,3-Dichlorobenzidine	0.473	0.476		0.6	
Benzo(a)anthracene	1.369	1.318		-3.7	
Chrysene	1.305	1.279		-2.0	
Bis(2-ethylhexyl)phthalate	0.856	0.864		0.9	
Di-n-octyl phthalate	1.523	1.524		0.1	20.0
Benzo(b)fluoranthene	1.223	1.214		-0.7	
Benzo(k)fluoranthene	1.248	1.232		-1.3	
Benzo(a)pyrene	1.198	1.179		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.449		-0.3	
Dibenzo(a,h)anthracene	1.190	1.182		-0.7	
Benzo(g,h,i)perylene	1.171	1.167		-0.3	
1,2,4,5-Tetrachlorobenzene	0.606	0.607		0.2	
1,4-Dioxane	0.520	0.520		0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Time: Sep 19 14:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

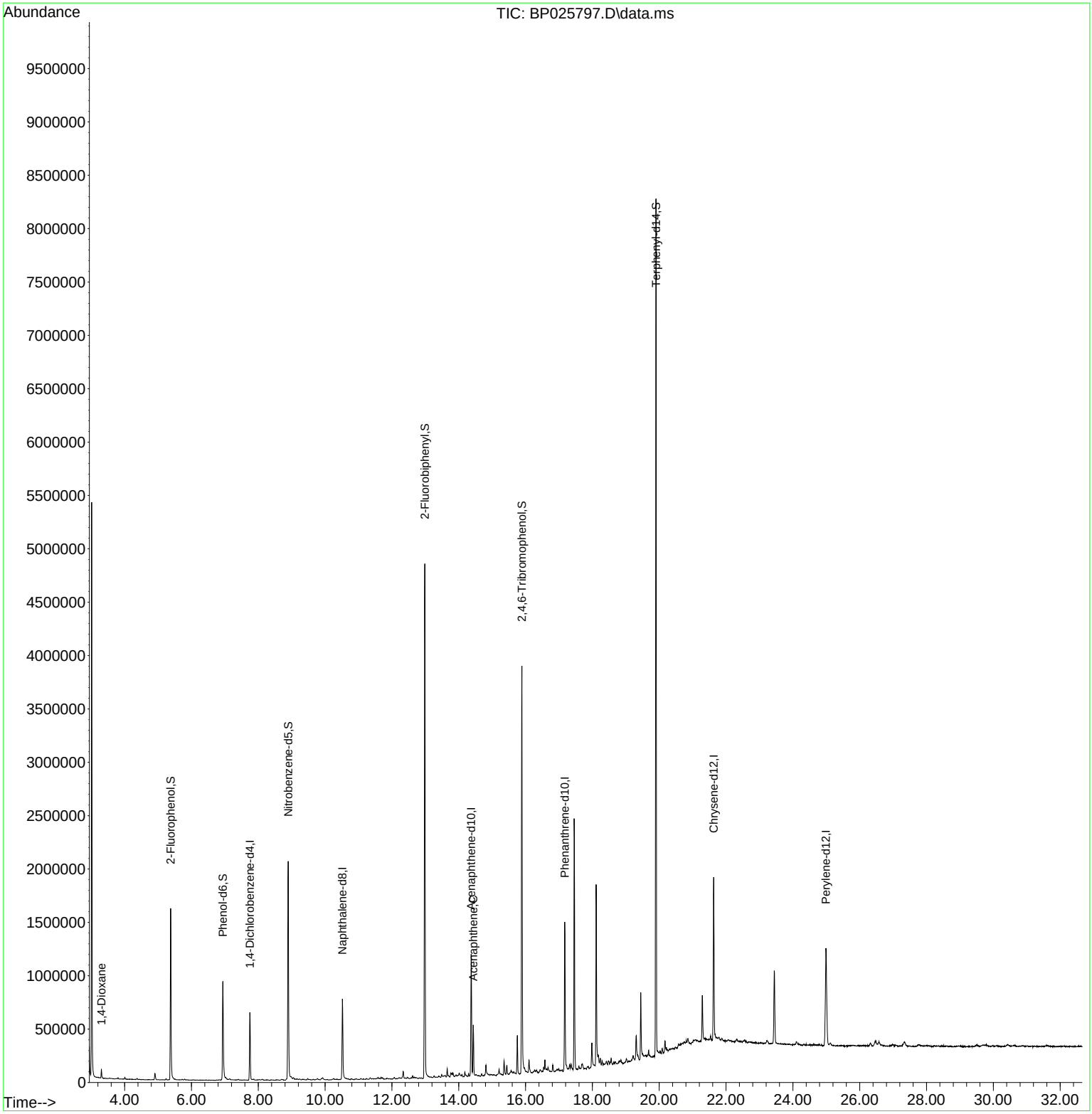
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	169135	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	657250	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	437837	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	872207	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	884935	20.000	ng	-0.01
86) Perylene-d12	24.989	264	933835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	720817	68.766	ng	0.00
7) Phenol-d6	6.943	99	629553	45.185	ng	0.00
23) Nitrobenzene-d5	8.896	82	1247975	83.757	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	686510	125.708	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2680828	81.527	ng	0.00
79) Terphenyl-d14	19.901	244	3985084	81.013	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	37284	8.475	ng	# 82
52) Acenaphthene	14.437	154	167497	6.927	ng	99

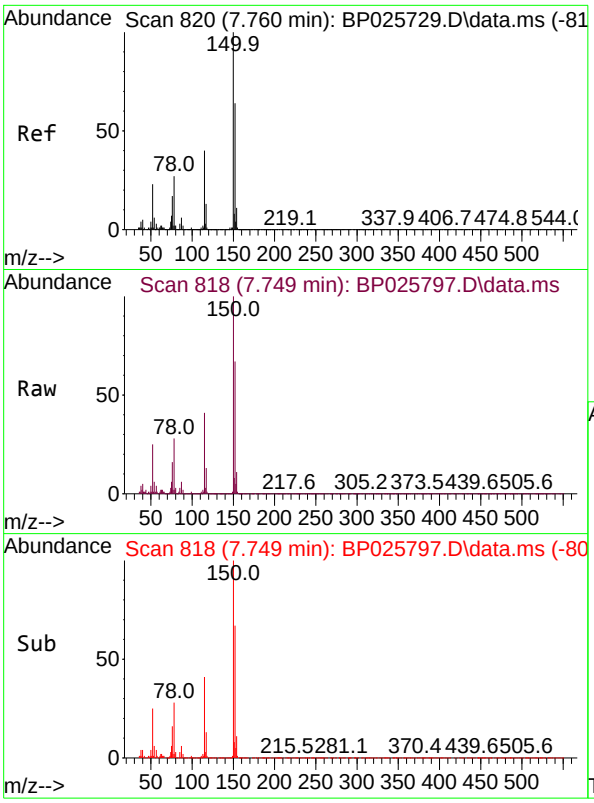
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Time: Sep 19 14:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



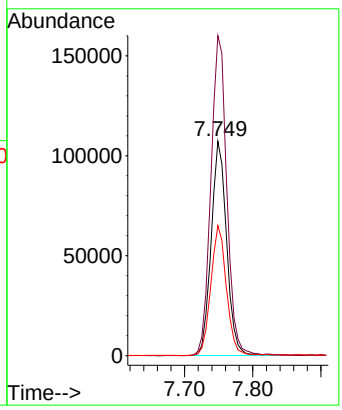


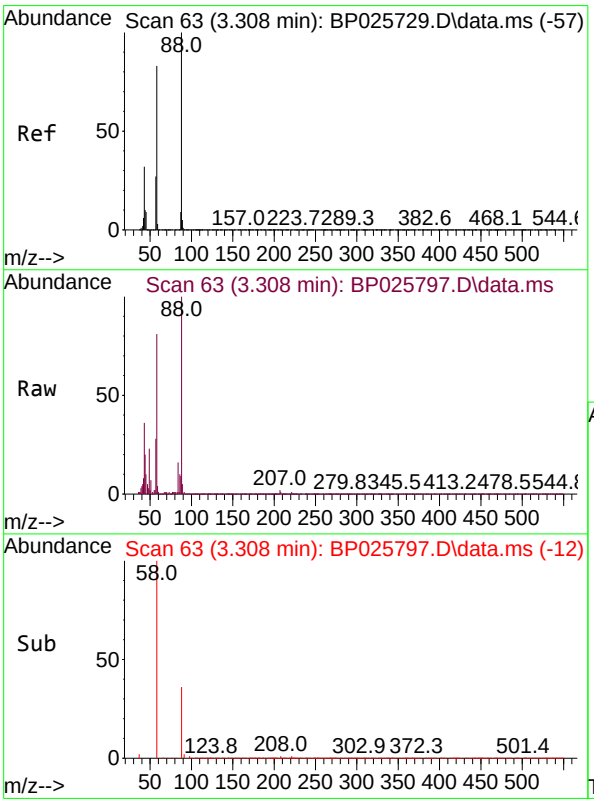
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 169135

Ion	Ratio	Lower	Upper
152	100		
150	149.3	124.3	186.5
115	60.7	50.3	75.5

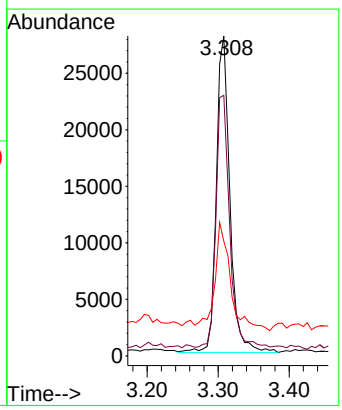


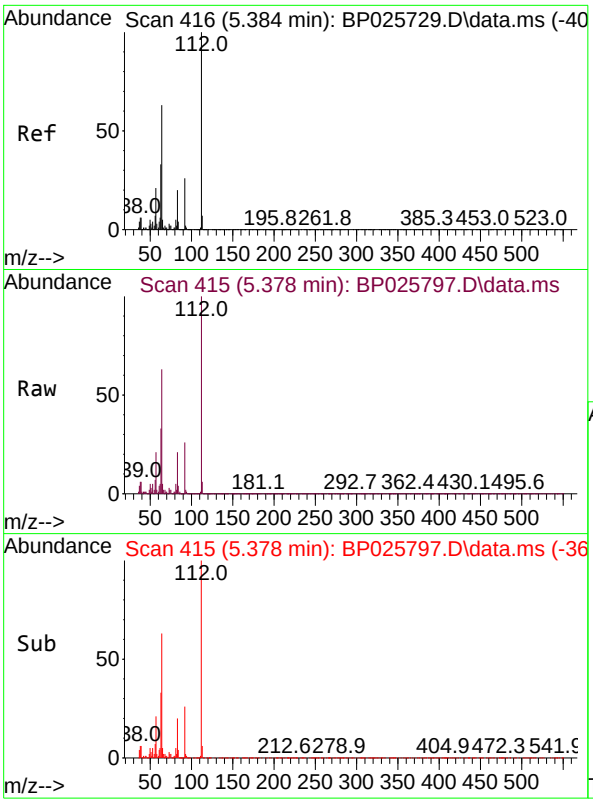


#2
1,4-Dioxane
Concen: 8.475 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 88 Resp: 37284

Ion	Ratio	Lower	Upper
88	100		
58	79.6	65.5	98.3
43	0.0	25.2	37.8#



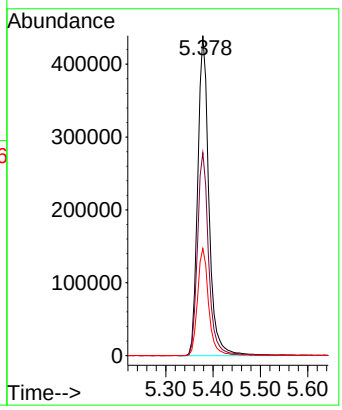


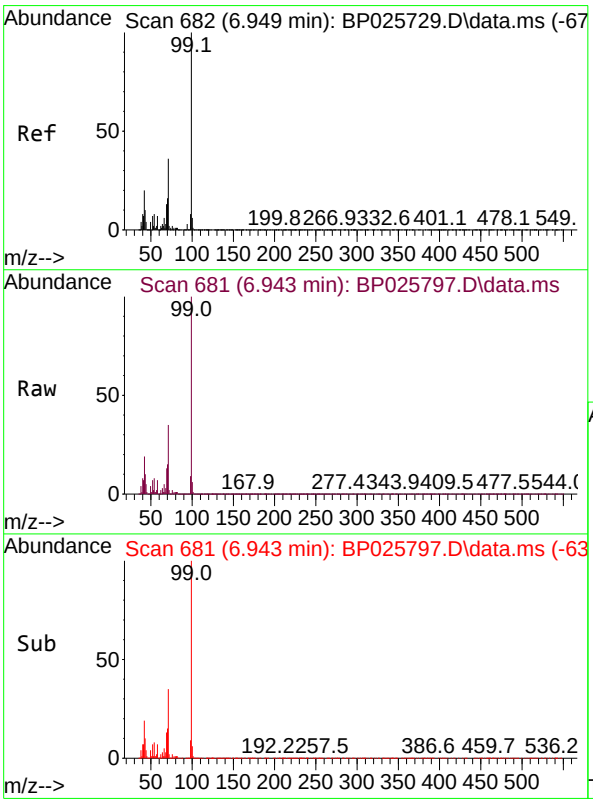
#5
2-Fluorophenol
Concen: 68.766 ng
RT: 5.378 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:112 Resp: 720817

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.2	75.4
63	33.5	26.7	40.1

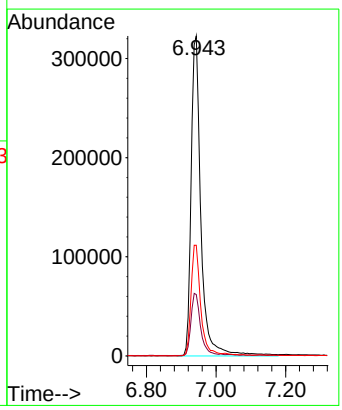


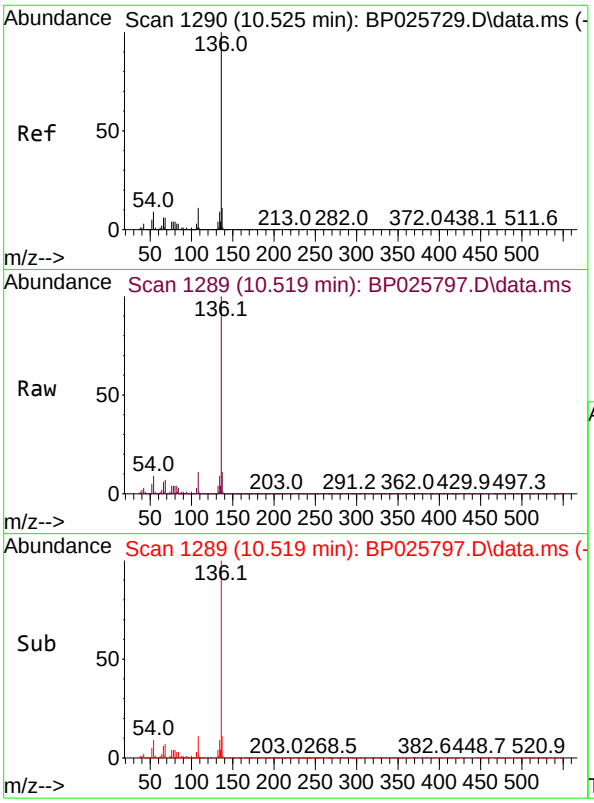


#7
Phenol-d6
Concen: 45.185 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 99 Resp: 629553

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	34.6	28.6	43.0



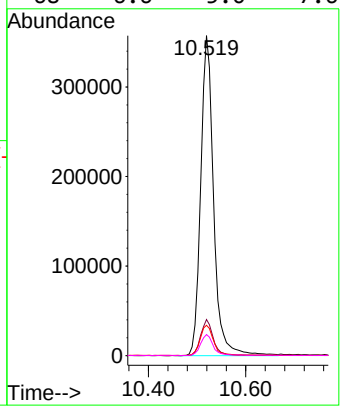


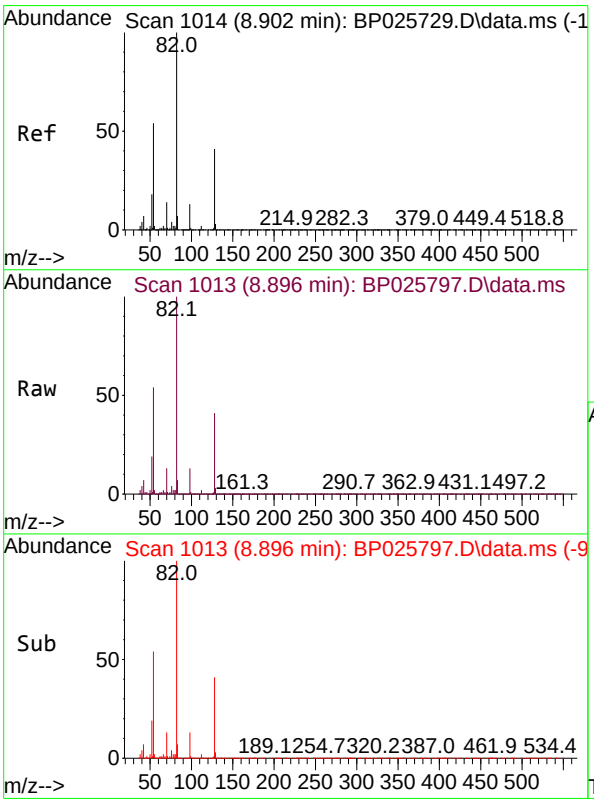
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:136 Resp: 657250

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	7.5	11.3
68	6.6	5.0	7.6

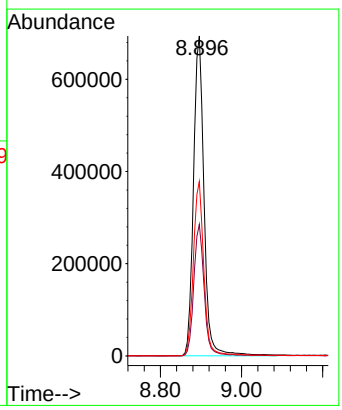


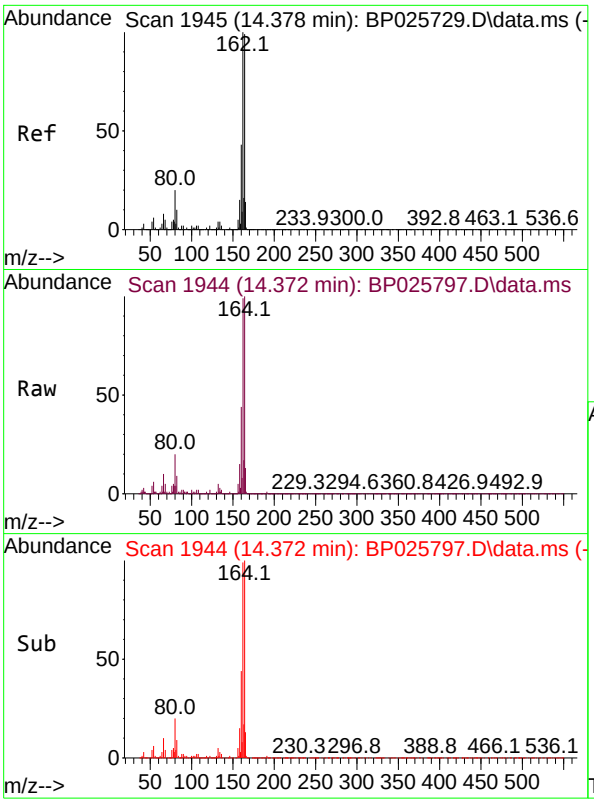


#23
Nitrobenzene-d5
Concen: 83.757 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 82 Resp: 1247975

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.9	49.3
54	54.5	43.4	65.2



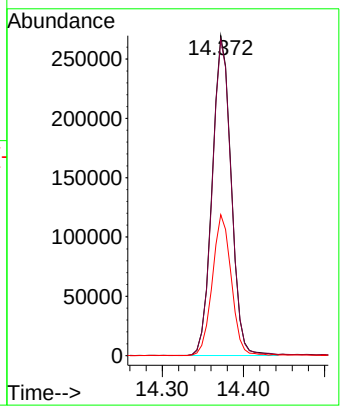


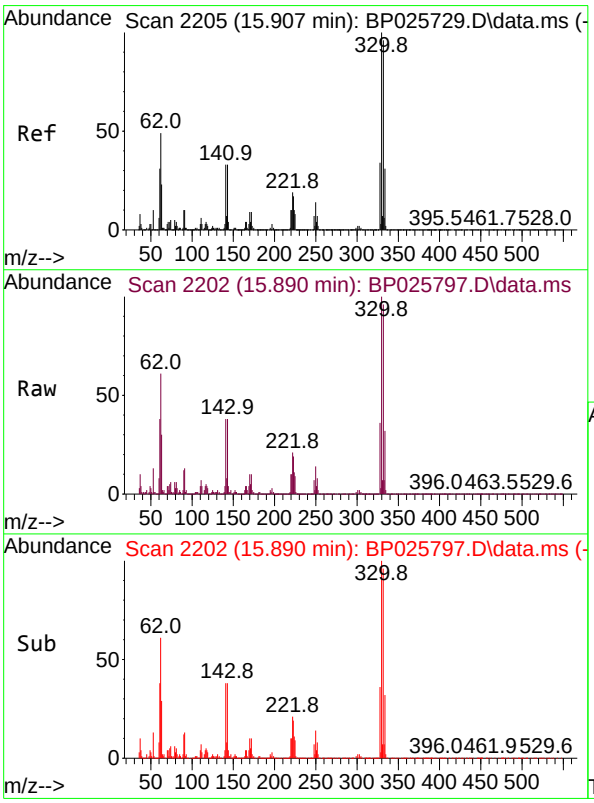
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:164 Resp: 437837

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	44.0	35.0	52.6

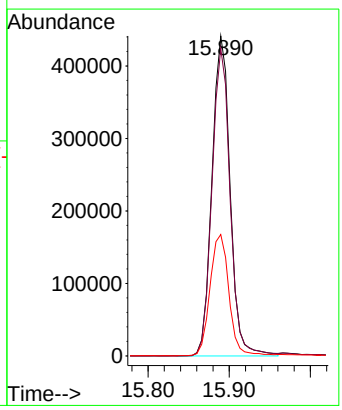


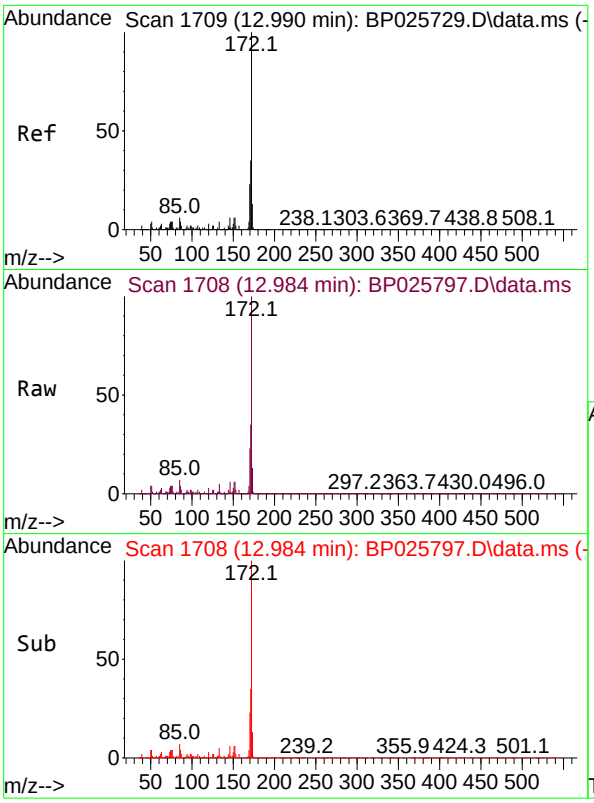


#42
2,4,6-Tribromophenol
Concen: 125.708 ng
RT: 15.890 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:330 Resp: 686510

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	39.4	31.0	46.4



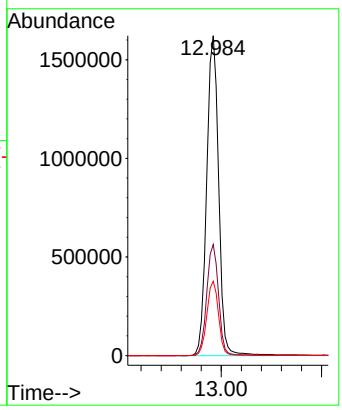


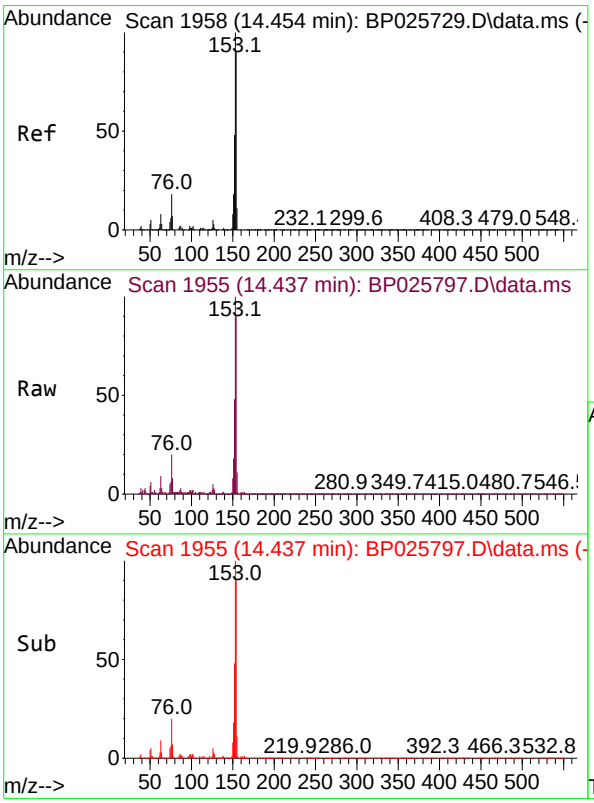
#45
2-Fluorobiphenyl
Concen: 81.527 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:172 Resp: 2680828

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	27.8

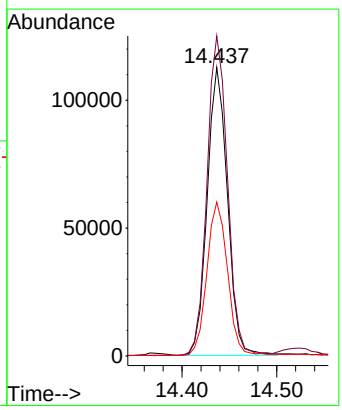


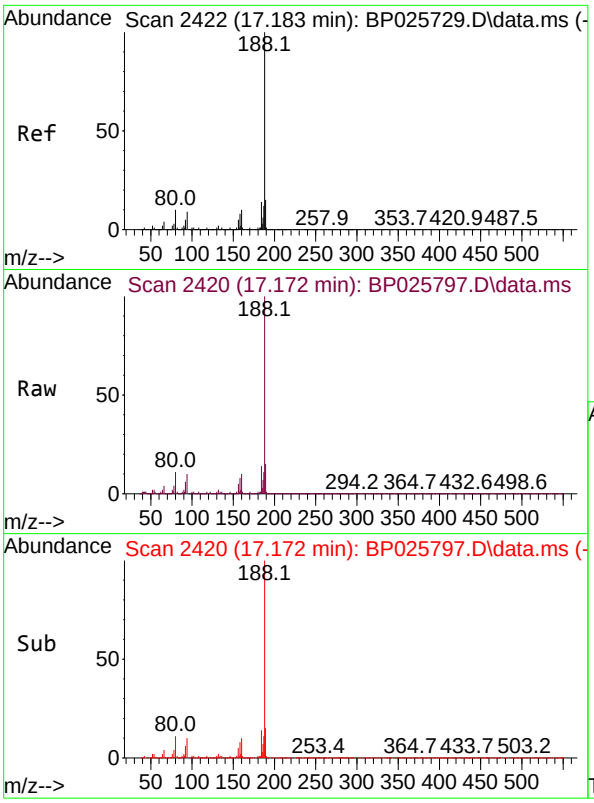


#52
Acenaphthene
Concen: 6.927 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:154 Resp: 167497

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.4	134.0
152	53.3	42.5	63.7



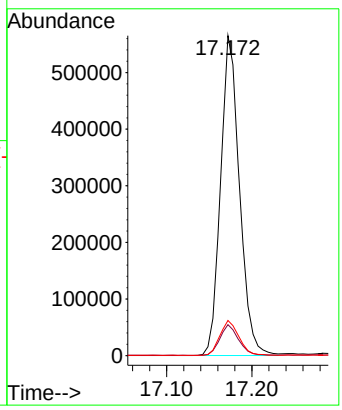


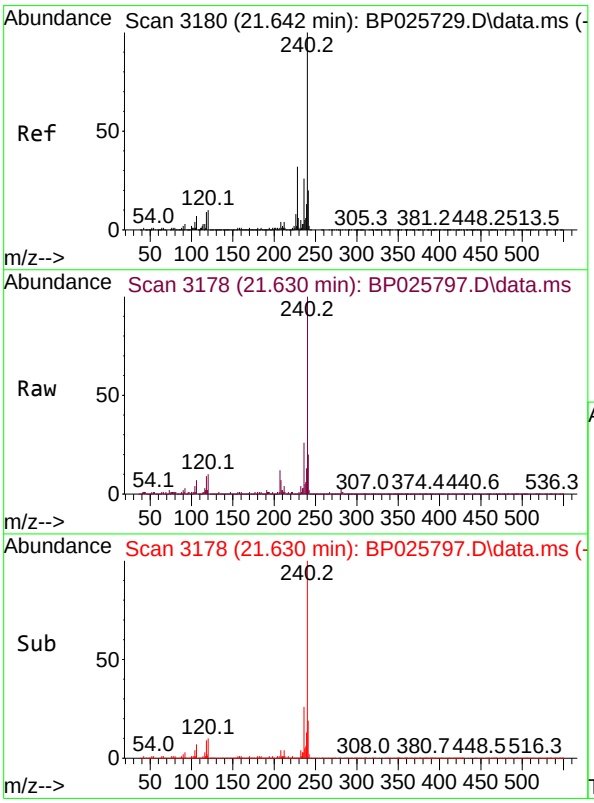
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:188 Resp: 872207

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	11.0	7.7	11.5

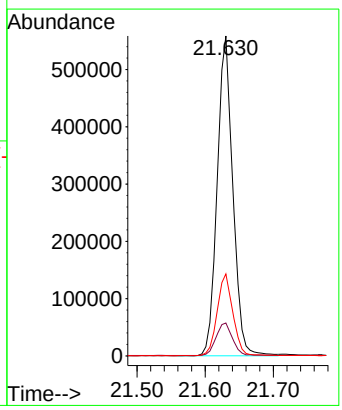


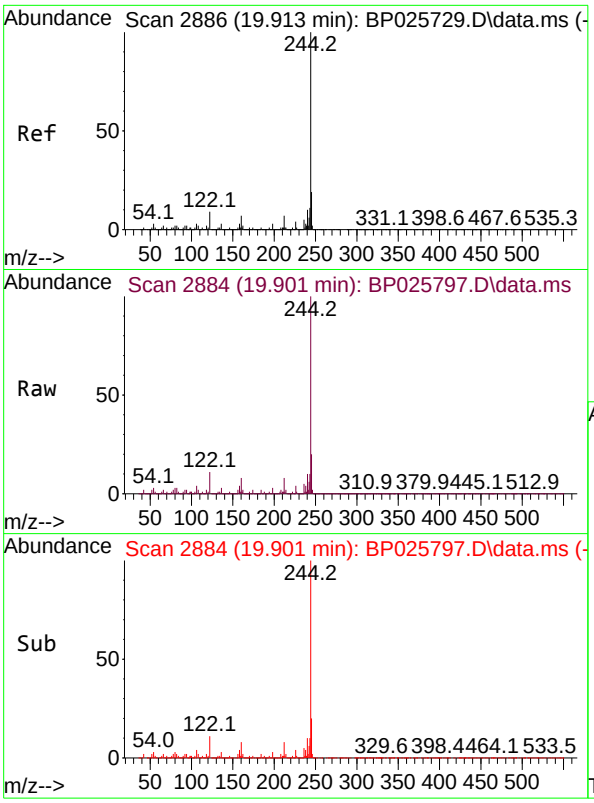


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:240 Resp: 884935

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.0	12.0
236	25.6	20.7	31.1



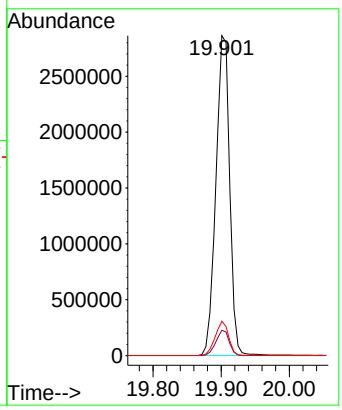


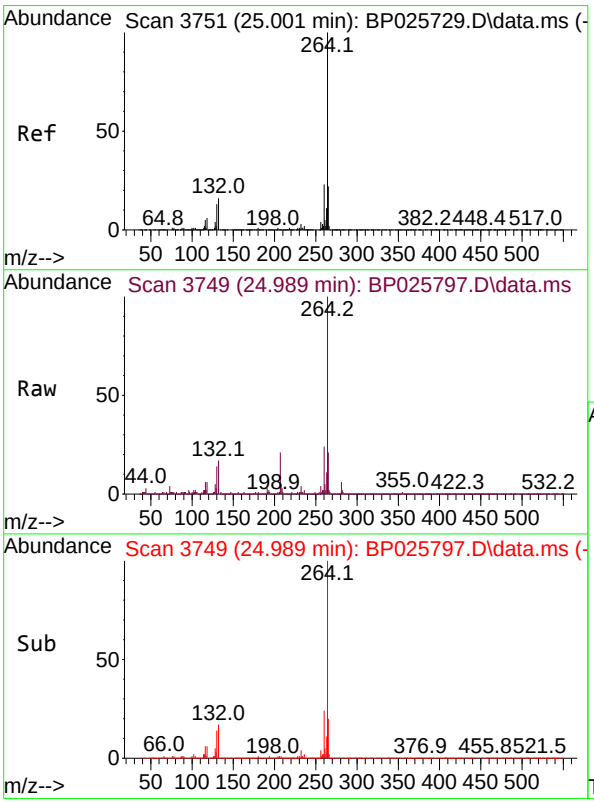
#79
Terphenyl-d14
Concen: 81.013 ng
RT: 19.901 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

Tgt Ion:244 Resp: 3985084

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.7	7.1	10.7#

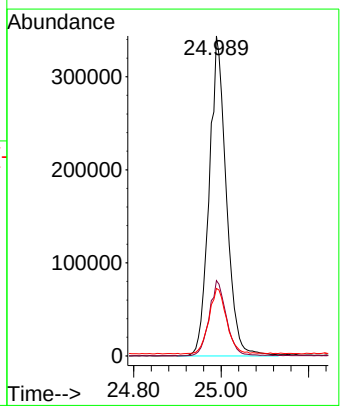




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:264 Resp: 933835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	17.3	25.9



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	29	rVB	5383191	6425963	58.62%	10.173%
2	3.308	59	63	71	rVB	80962	110963	1.01%	0.176%
3	4.908	329	335	348	rVB3	59586	114751	1.05%	0.182%
4	5.378	409	415	434	rBV	1604428	2615535	23.86%	4.141%
5	6.943	671	681	694	rBV	926128	1801509	16.43%	2.852%
6	7.749	811	818	827	rBV	634113	1019193	9.30%	1.613%
7	8.896	1005	1013	1026	rBV	2040225	3561207	32.48%	5.638%
8	10.519	1281	1289	1304	rBV	753558	1383554	12.62%	2.190%
9	12.337	1590	1598	1604	rVB2	63457	111574	1.02%	0.177%
10	12.984	1699	1708	1726	rBV	4824256	7937653	72.41%	12.566%
11	13.654	1817	1822	1827	rBV2	78102	120068	1.10%	0.190%
12	14.372	1937	1944	1950	rBV	1139852	1860086	16.97%	2.945%
13	14.437	1950	1955	1965	rVB	472567	718568	6.55%	1.138%
14	14.813	2014	2019	2031	rBV2	93504	188274	1.72%	0.298%
15	15.354	2107	2111	2119	rBV	133937	227002	2.07%	0.359%
16	15.437	2121	2125	2131	rVB2	81810	129280	1.18%	0.205%
17	15.754	2173	2179	2186	rBV	361407	509667	4.65%	0.807%
18	15.890	2195	2202	2213	rBV	3821980	6125135	55.87%	9.696%
19	16.101	2234	2238	2250	rVB	118757	215729	1.97%	0.342%
20	16.578	2316	2319	2324	rVB	91568	113831	1.04%	0.180%
21	17.172	2414	2420	2426	rBV2	1393022	2185473	19.94%	3.460%
22	17.454	2463	2468	2478	rBV	2353025	3273756	29.86%	5.183%
23	17.984	2553	2558	2568	rBV	229714	424849	3.88%	0.673%
24	18.113	2575	2580	2588	rBV	1699919	2480387	22.63%	3.927%
25	19.313	2779	2784	2800	rVB2	228262	522576	4.77%	0.827%
26	19.448	2802	2807	2820	rBV	627242	1059966	9.67%	1.678%
27	19.901	2878	2884	2891	rBV	8027789	10962641	100.00%	17.354%
28	20.172	2927	2930	2935	rBV	83306	121129	1.10%	0.192%
29	21.289	3116	3120	3128	rBV	410589	677753	6.18%	1.073%
30	21.630	3172	3178	3185	rBV	1526028	2461971	22.46%	3.897%
31	23.442	3480	3486	3495	rVB	678864	1317520	12.02%	2.086%
32	24.989	3741	3749	3762	rVB	900797	2391813	21.82%	3.786%

Sum of corrected areas: 63169376

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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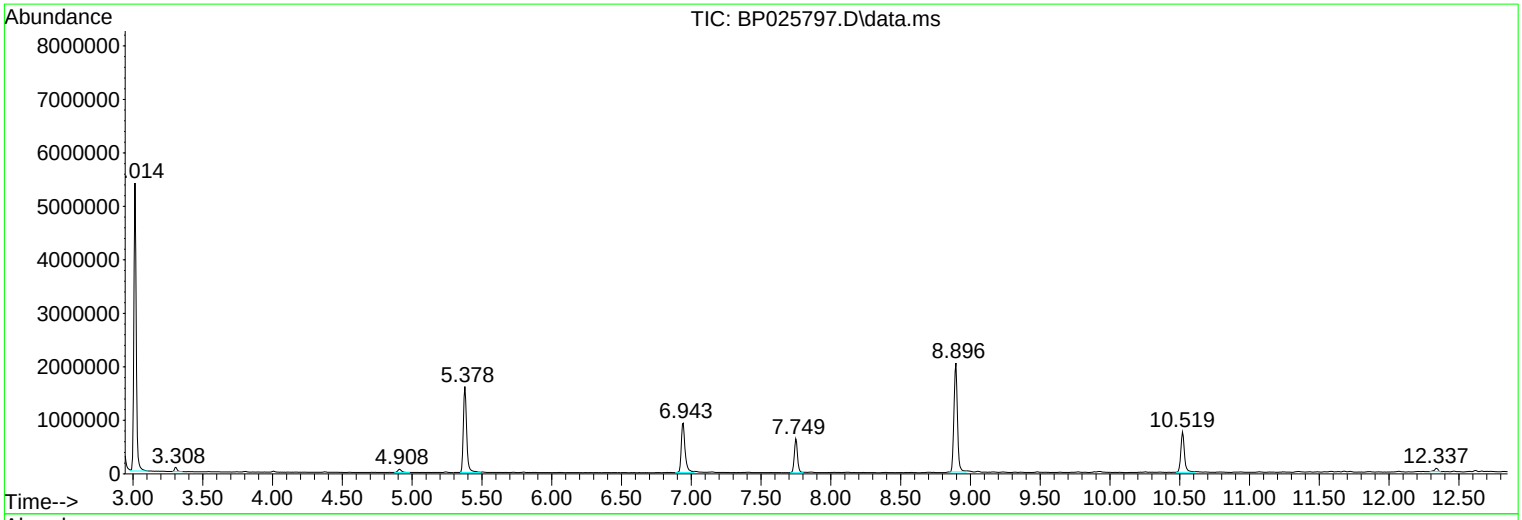

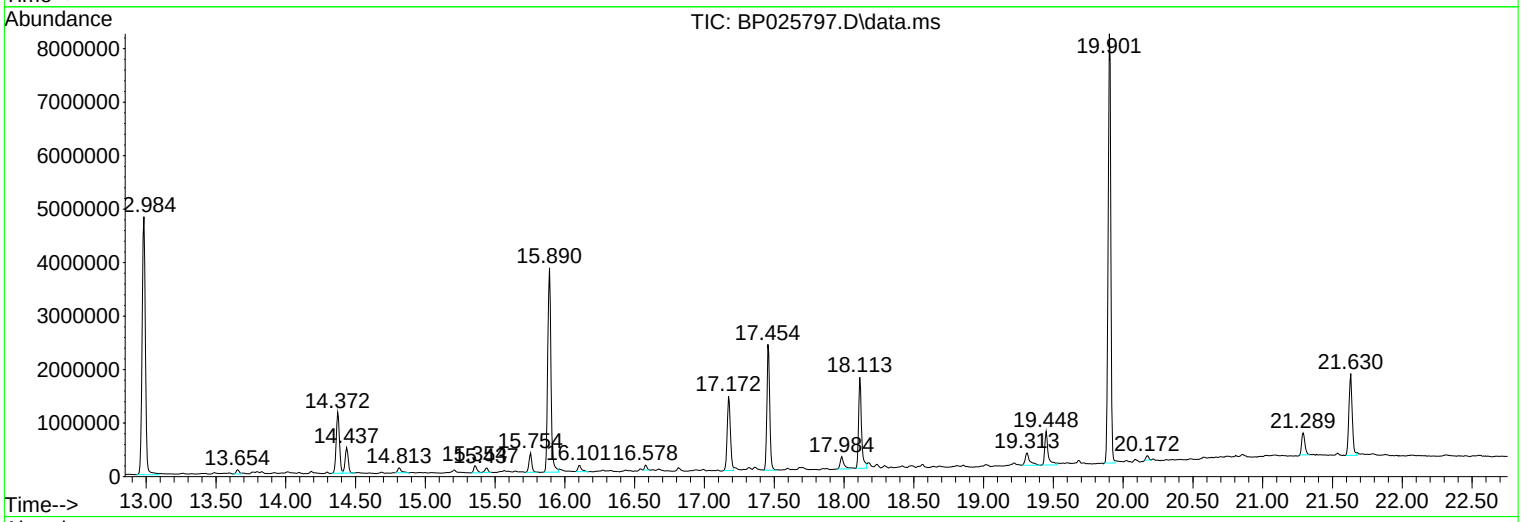

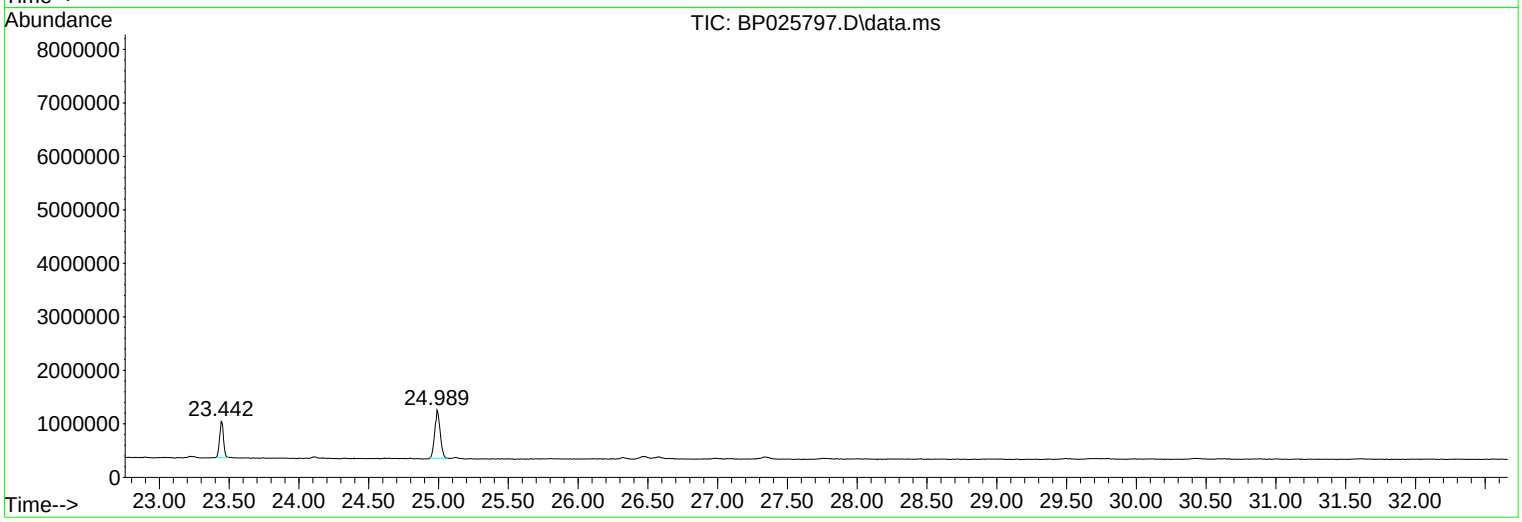

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Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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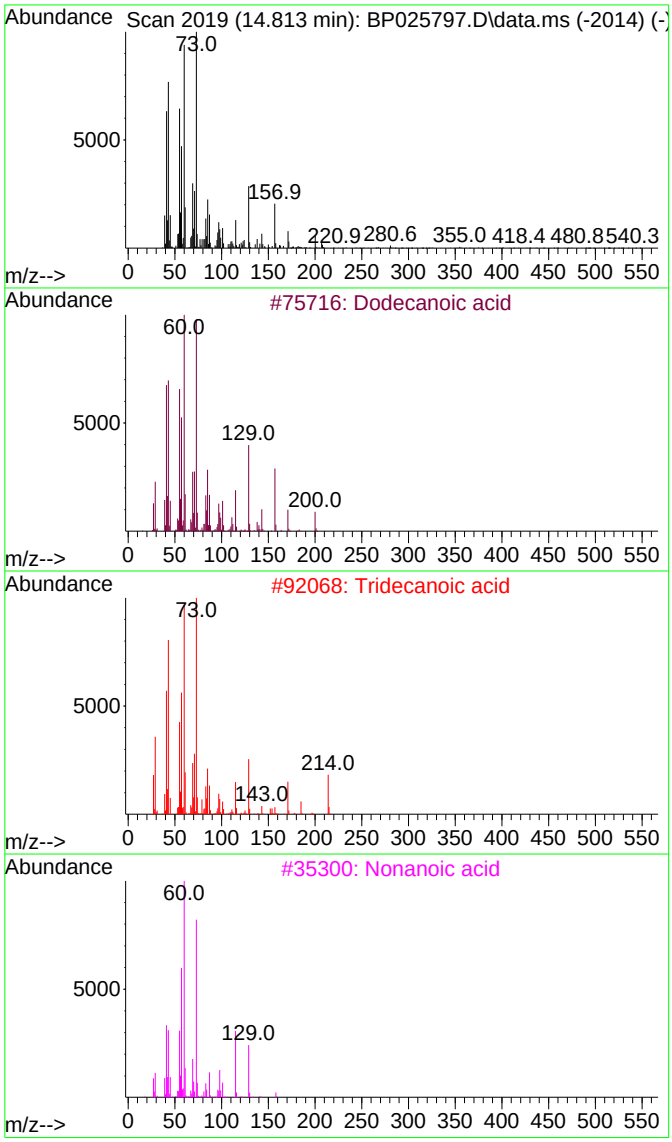
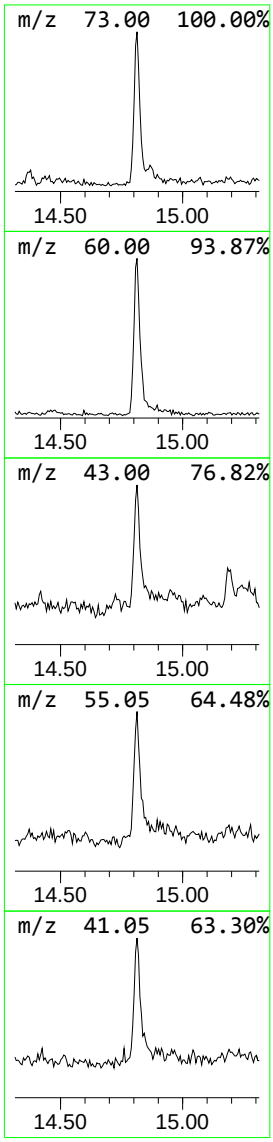
Peak Number 3 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.813	2.02 ng	188274	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Nonanoic acid	158	C9H18O2	000112-05-0	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Octanoic acid	144	C8H16O2	000124-07-2	52





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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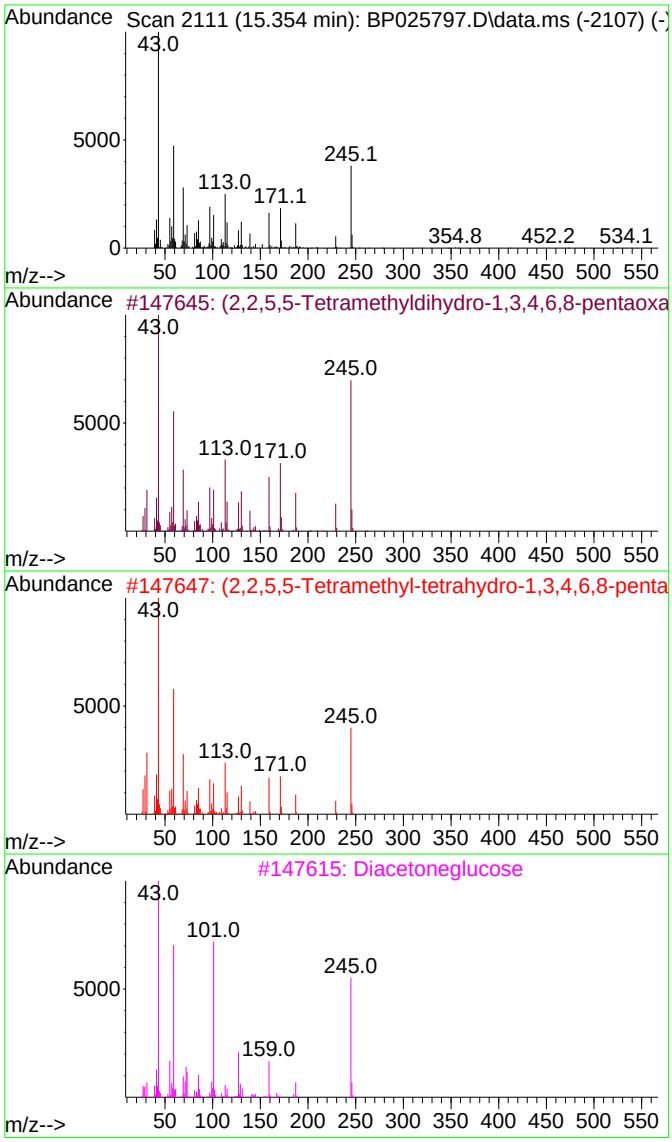
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

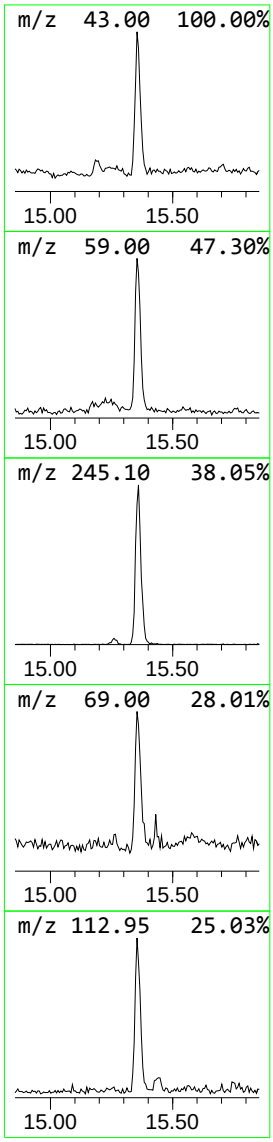
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (2,2,5,5-Tetramethyldihydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.354	2.44 ng	227002	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,2,5,5-Tetramethyldihydro-1,3,...	260	C12H20O6	1000192-04-6	98
2	(2,2,5,5-Tetramethyl-tetrahydro-...	260	C12H20O6	1000193-90-4	91
3	Diacetoneglucose	260	C12H20O6	000582-52-5	38
4	.alpha.-D-Galactopyranose, 1,2:3...	260	C12H20O6	004064-06-6	30
5	Diisopropylidene l-idose	260	C12H20O6	1000127-52-3	25





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Sample : Q3083-03
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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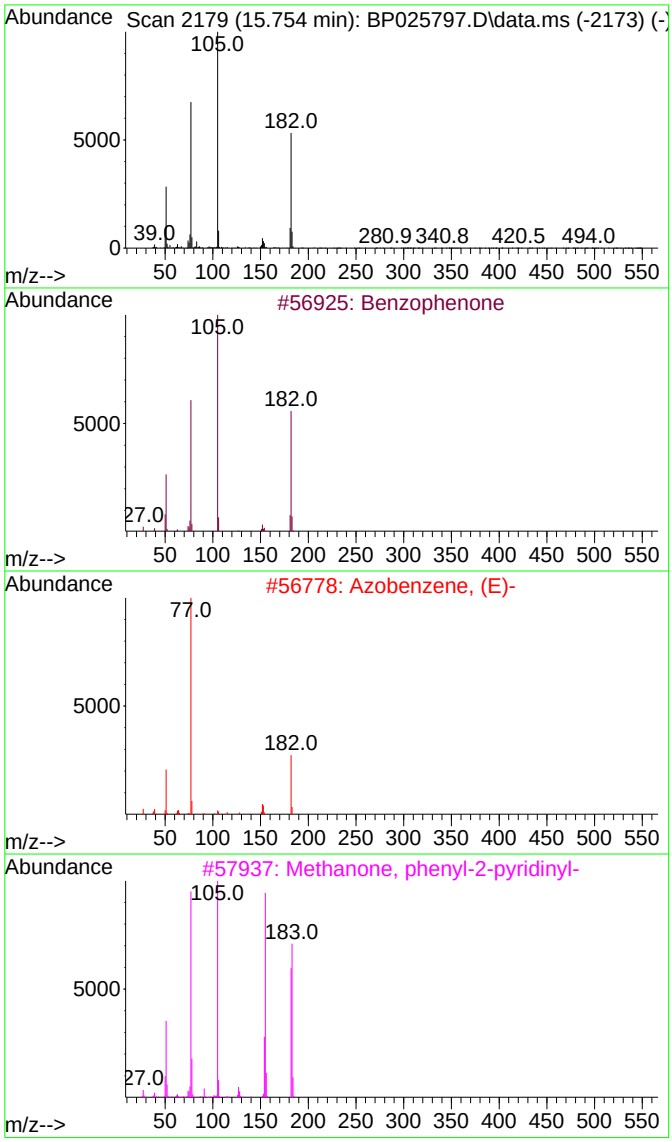
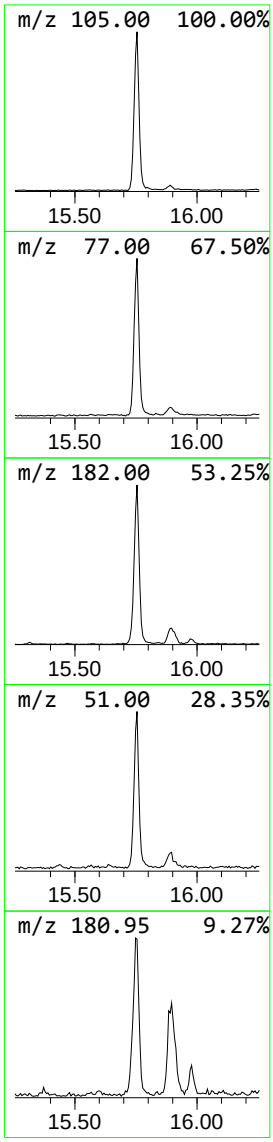
Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	5.48 ng	509667	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	58
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	42
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	40





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

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

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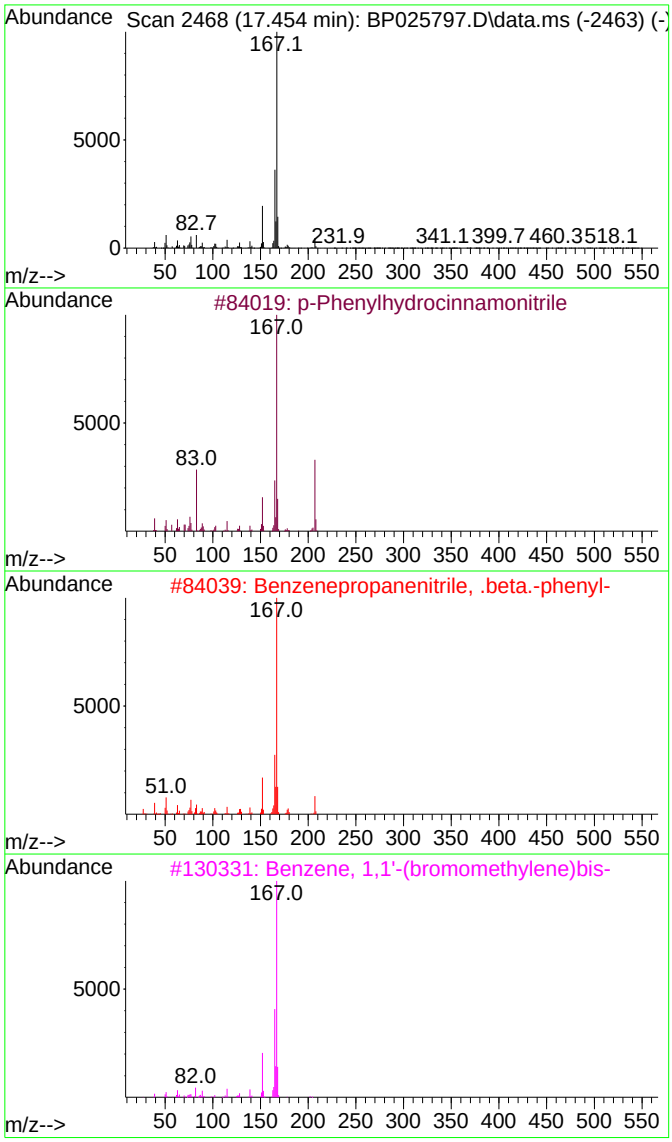
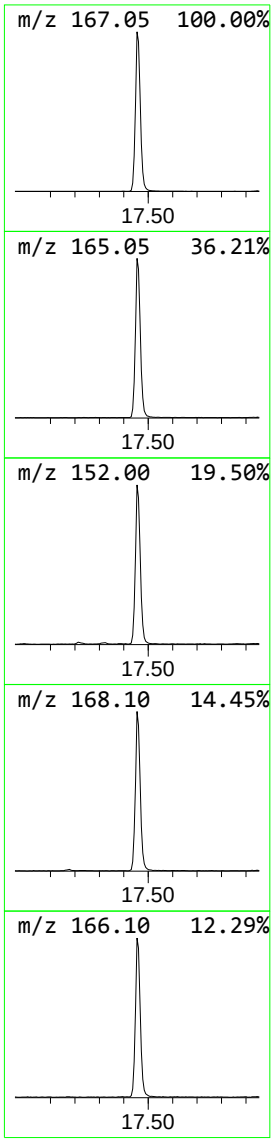
Peak Number 6 p-Phenylhydrocinnamonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.454	29.96 ng	3273760	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Phenylhydrocinnamonitrile	207	C15H13N	092552-19-7	91
2	Benzenepropanenitrile, .beta.-ph...	207	C15H13N	002286-54-6	91
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	87
4	Adrafinil	289	C15H15NO3S	063547-13-7	87
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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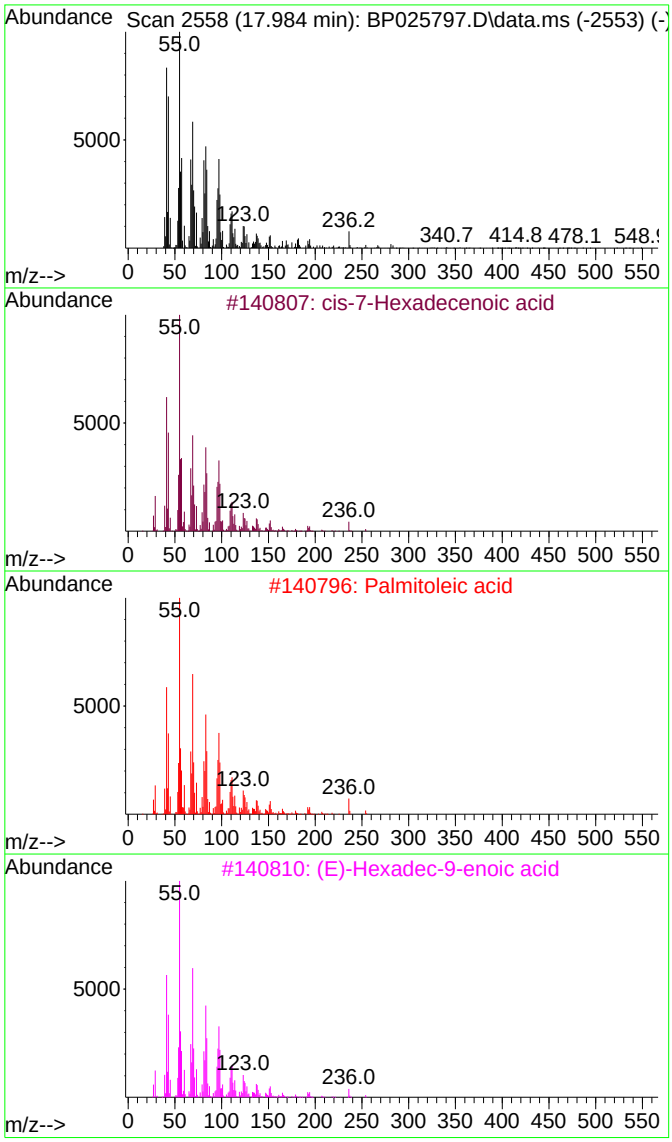
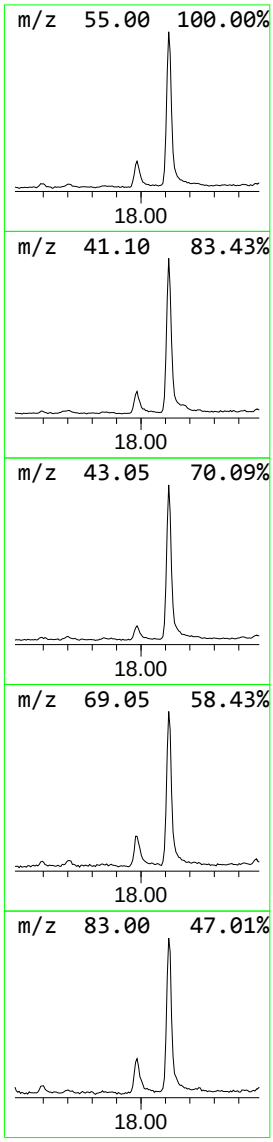
Peak Number 7 cis-7-Hexadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.984	3.89 ng	424849	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	98
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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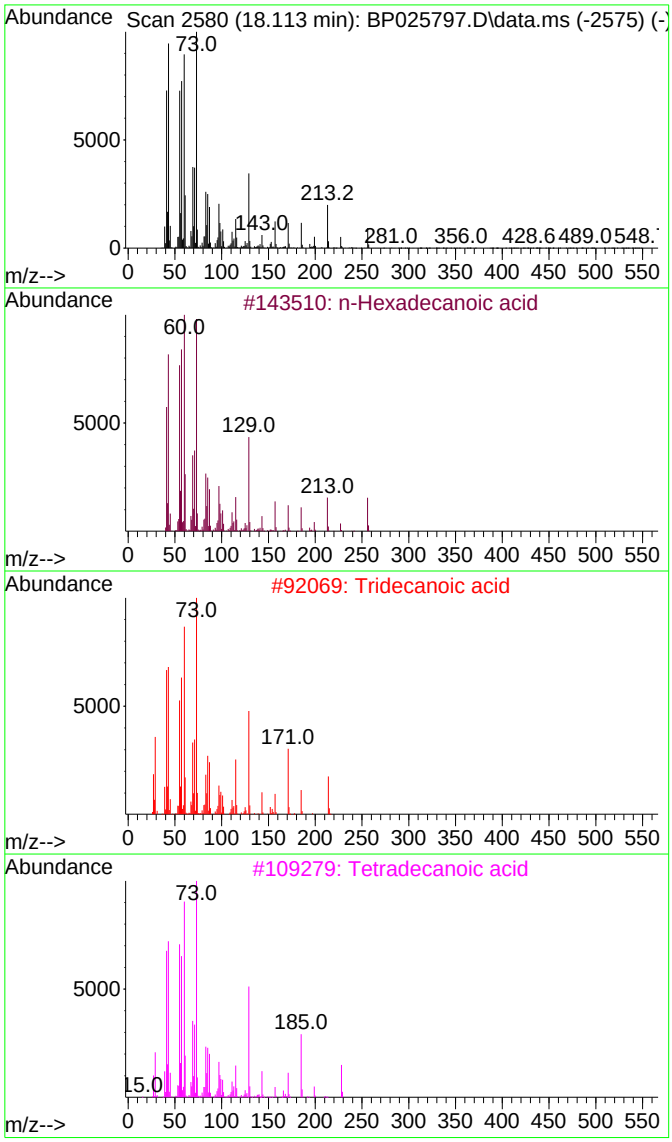
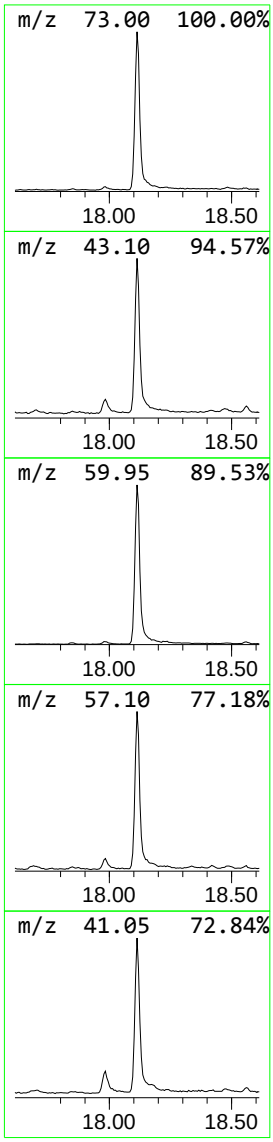
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	22.70 ng	2480390	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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

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

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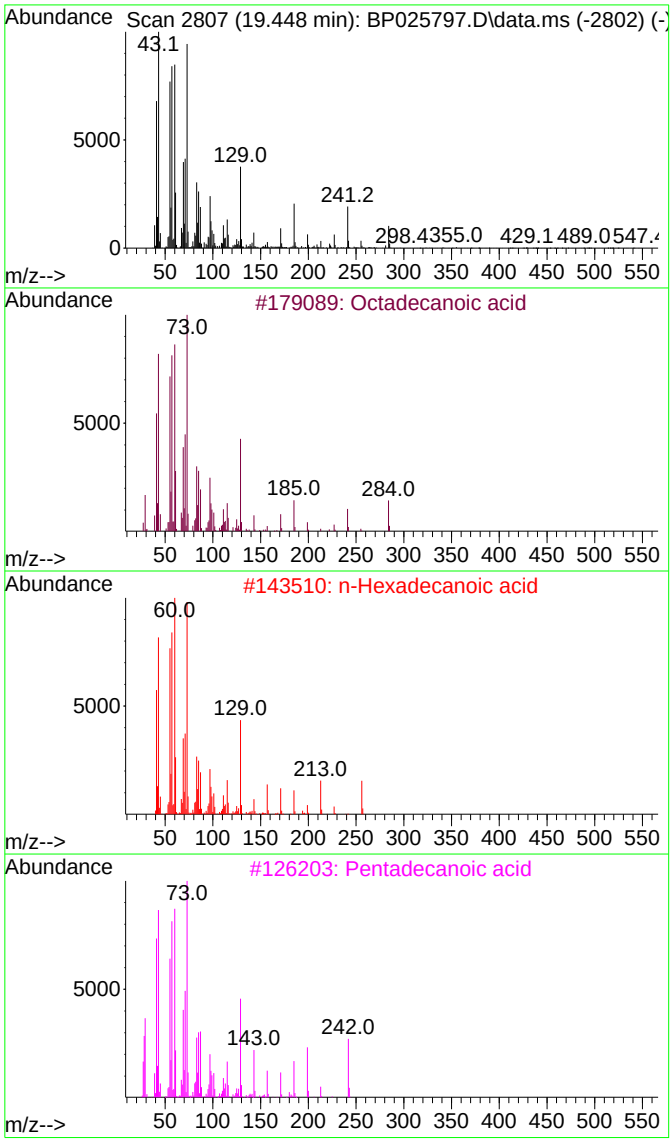
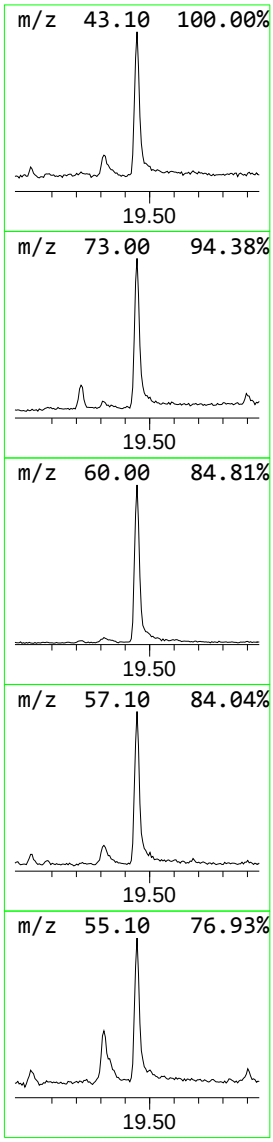
Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	8.61 ng	1059970	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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ALS Vial : 7 Sample Multiplier: 1

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

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

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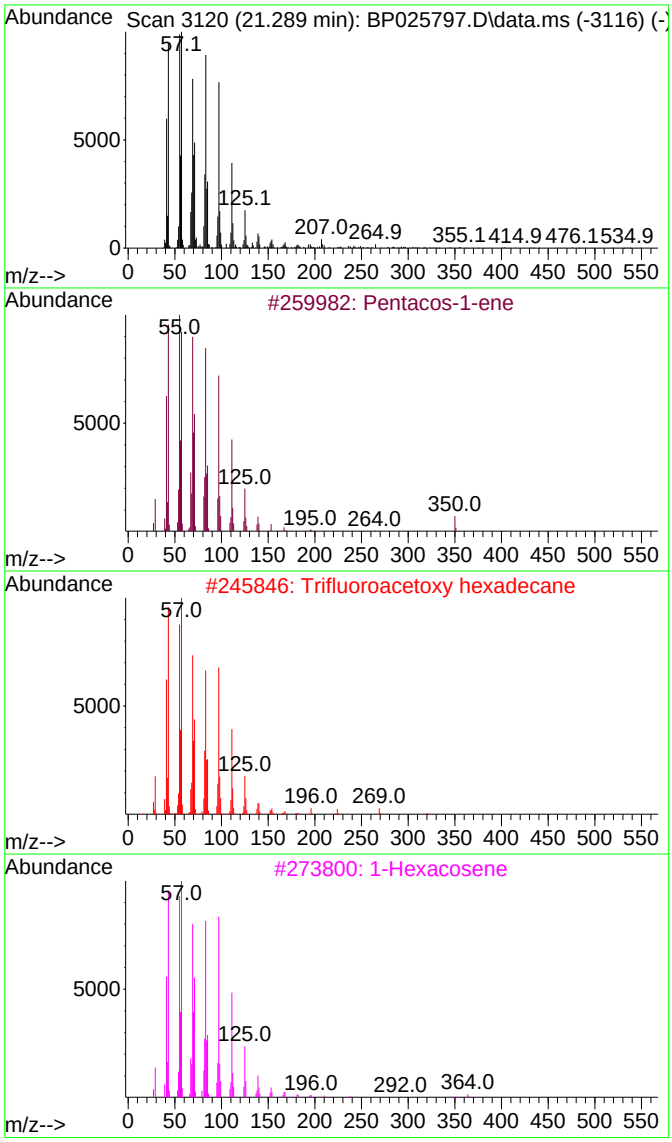
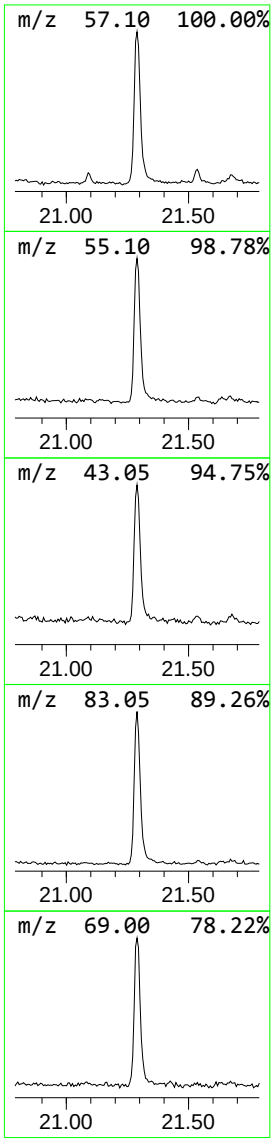
Peak Number 11 Pentacos-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.289	5.51 ng	677753	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Sample : Q3083-03
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ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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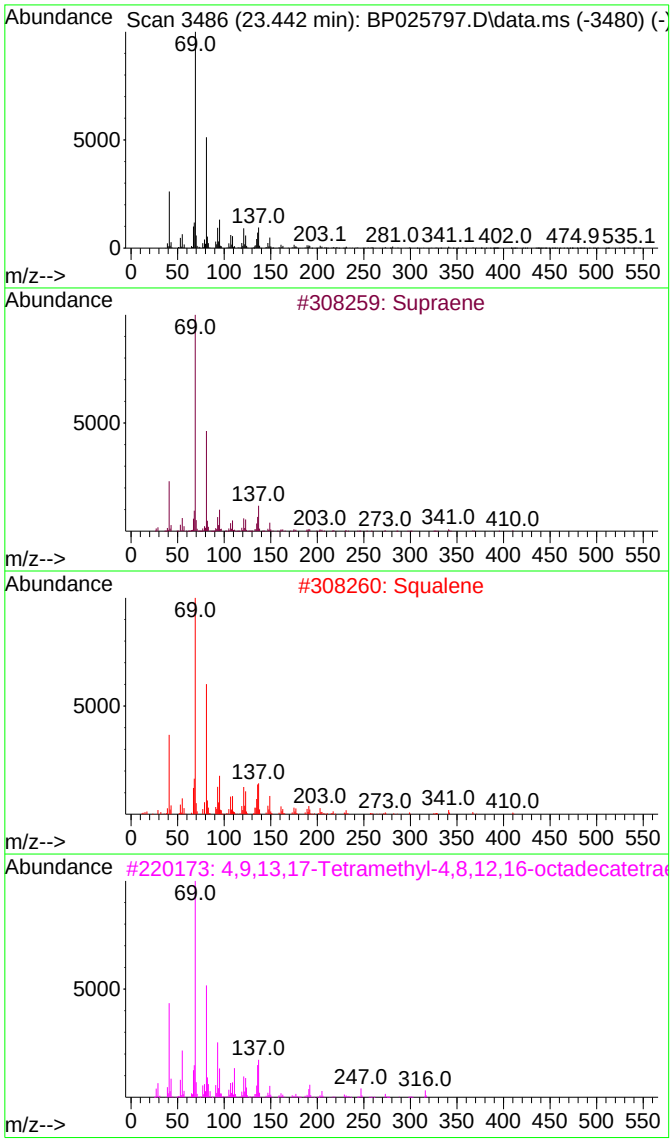
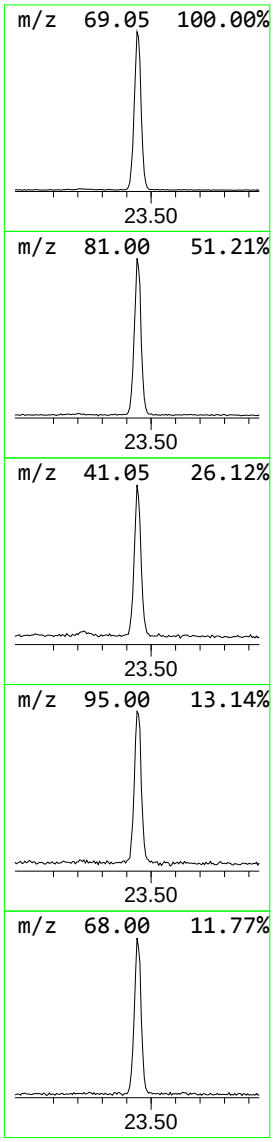
Peak Number 12 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.442	11.02 ng	1317520	Perylene-d12	24.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	14.813	2.0	ng	188274	3	14.372	1860090	20.0
(2,2,5,5-Tetram...	15.354	2.4	ng	227002	3	14.372	1860090	20.0
Benzophenone	15.754	5.5	ng	509667	3	14.372	1860090	20.0
p-Phenylhydroci...	17.454	30.0	ng	3273760	4	17.172	2185470	20.0
cis-7-Hexadecen...	17.984	3.9	ng	424849	4	17.172	2185470	20.0
n-Hexadecanoic ...	18.113	22.7	ng	2480390	4	17.172	2185470	20.0
Octadecanoic acid	19.448	8.6	ng	1059970	5	21.631	2461970	20.0
Pentacos-1-ene	21.289	5.5	ng	677753	5	21.631	2461970	20.0
Supraene	23.442	11.0	ng	1317520	6	24.989	2391810	20.0

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

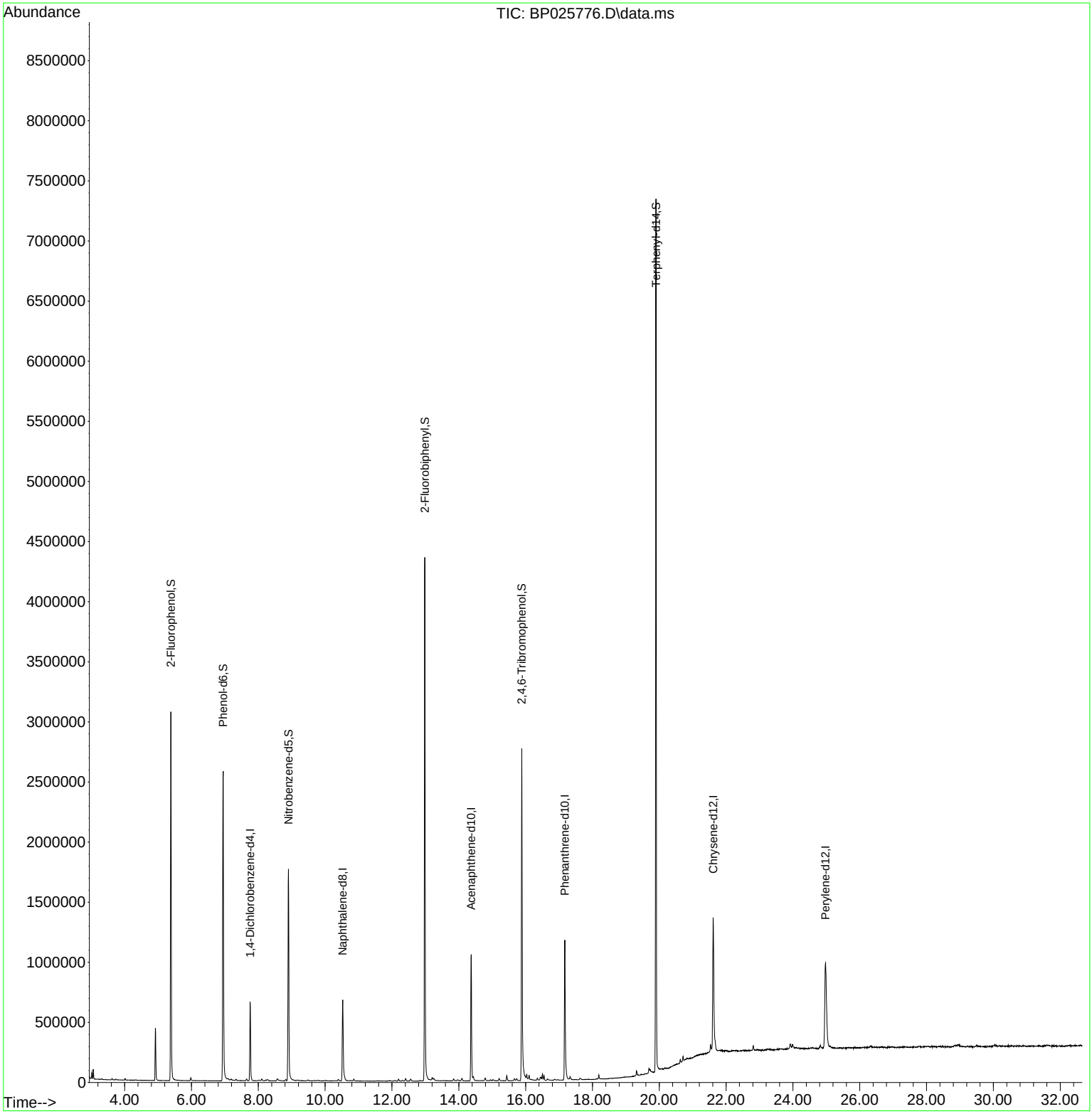
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	912511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	985422	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1321221	118.842	ng	0.00
7) Phenol-d6	6.949	99	1609379	108.910	ng	0.00
23) Nitrobenzene-d5	8.901	82	1113438	73.370	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	574835	111.003	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2342096	75.112	ng	0.00
79) Terphenyl-d14	19.901	244	3637790	71.718	ng	-0.01
Target Compounds						Qvalue

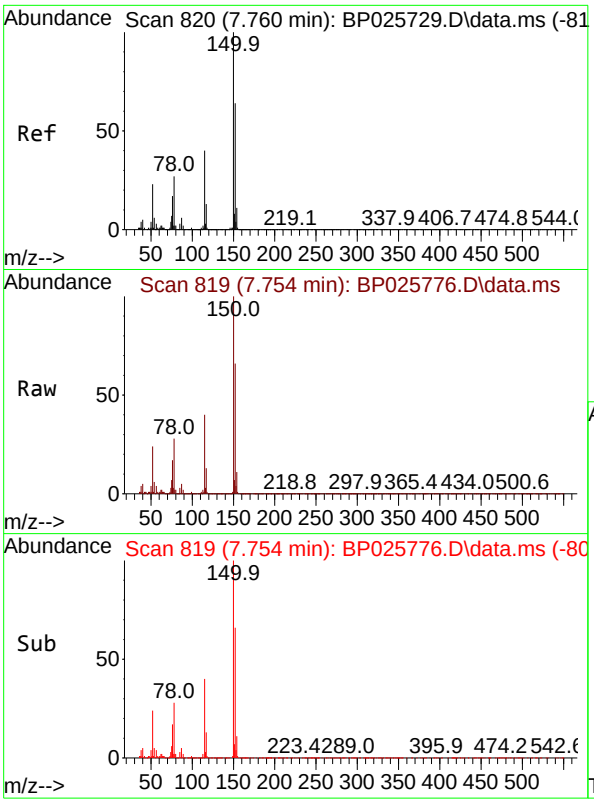
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



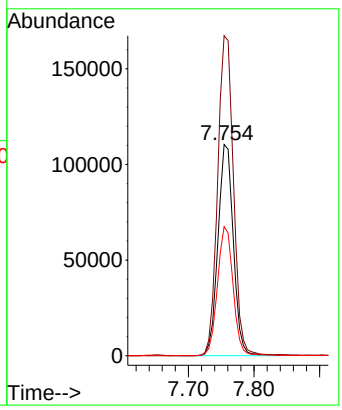


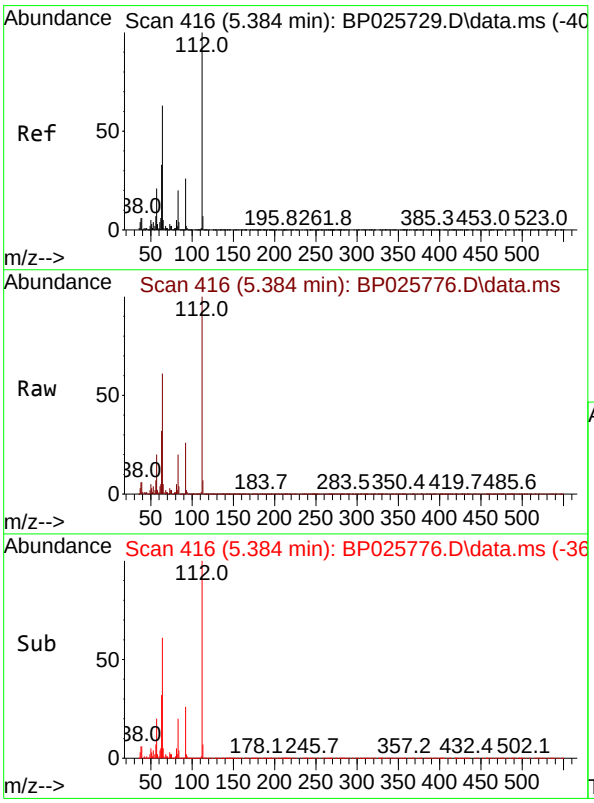
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:152 Resp: 179386

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.3	186.5
115	61.2	50.3	75.5

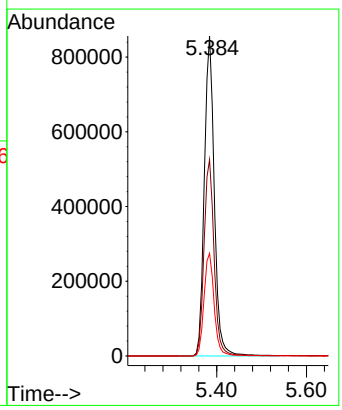


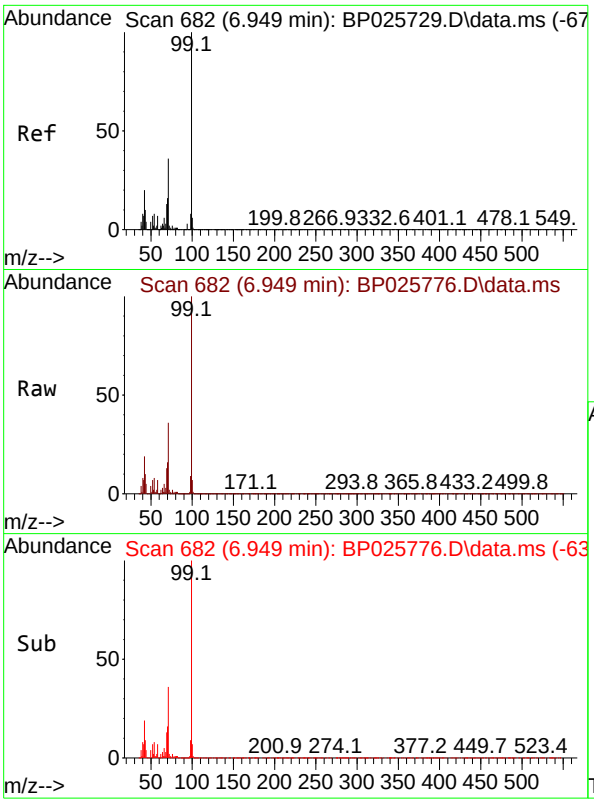


#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:112 Resp: 1321221

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.1	26.7	40.1



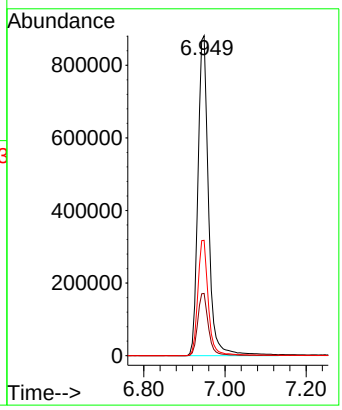


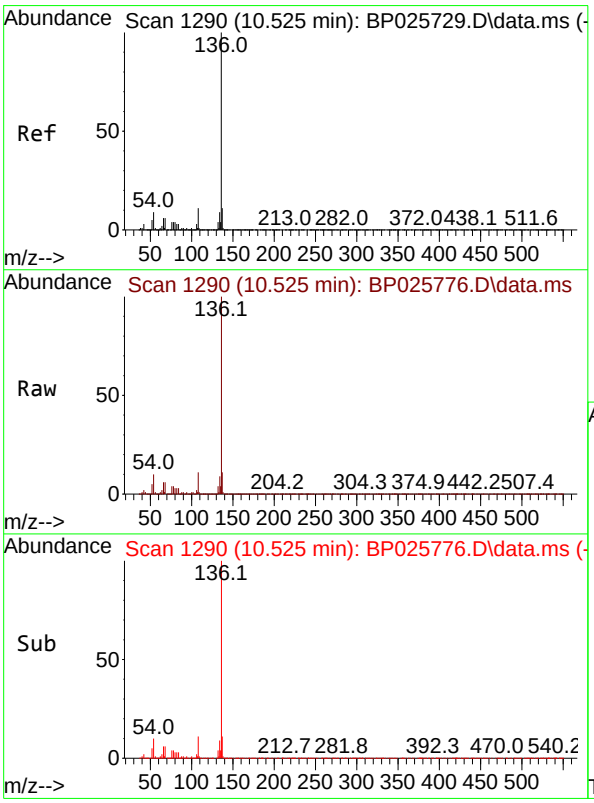
#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 99 Resp: 1609379

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	36.0	28.6	43.0

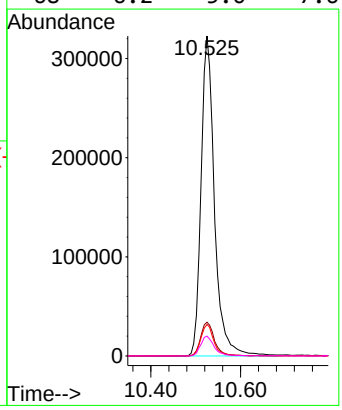


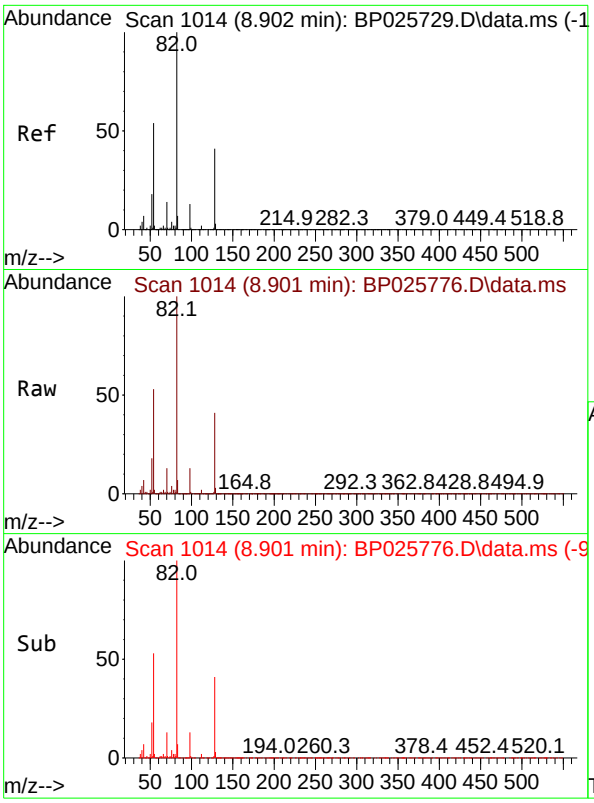


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:136 Resp: 669415

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6



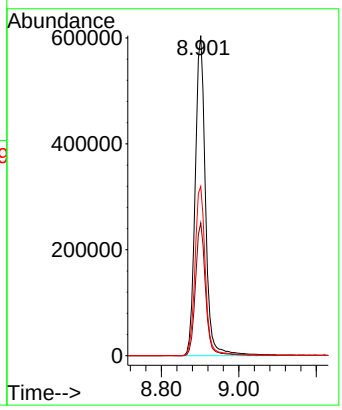


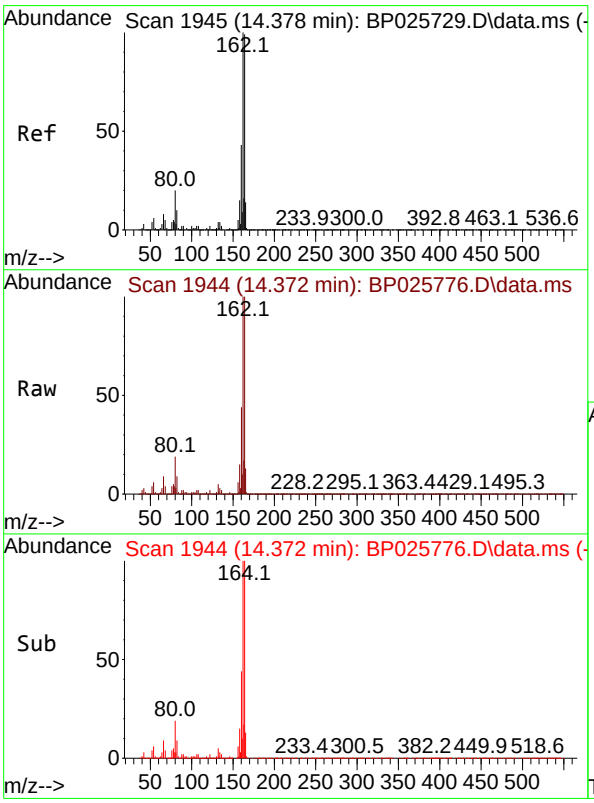
#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 82 Resp: 1113438

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	52.9	43.4	65.2

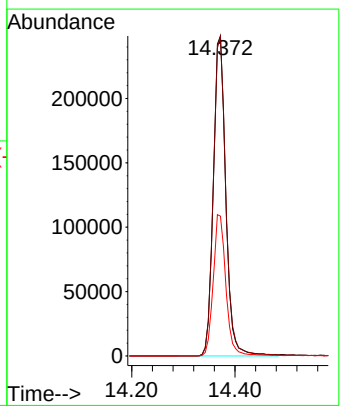


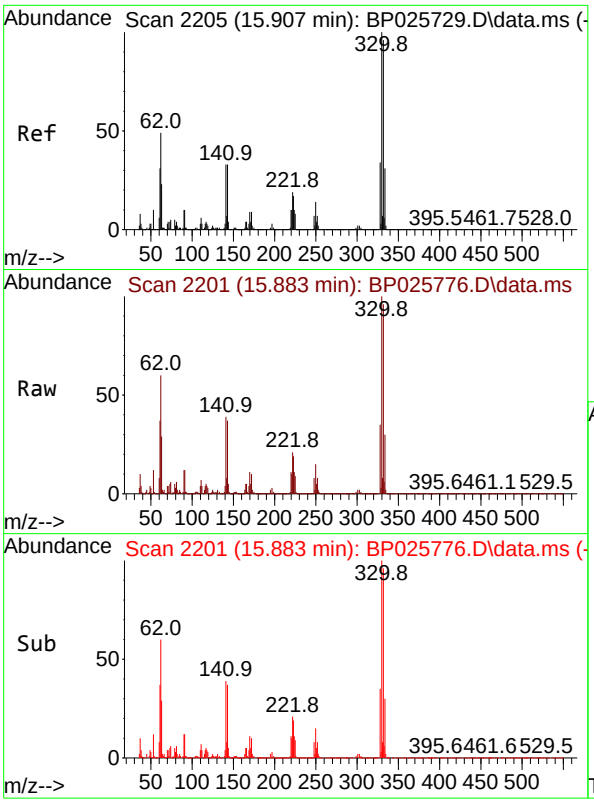


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.7	35.0	52.6



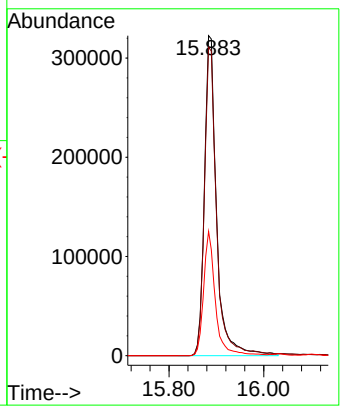


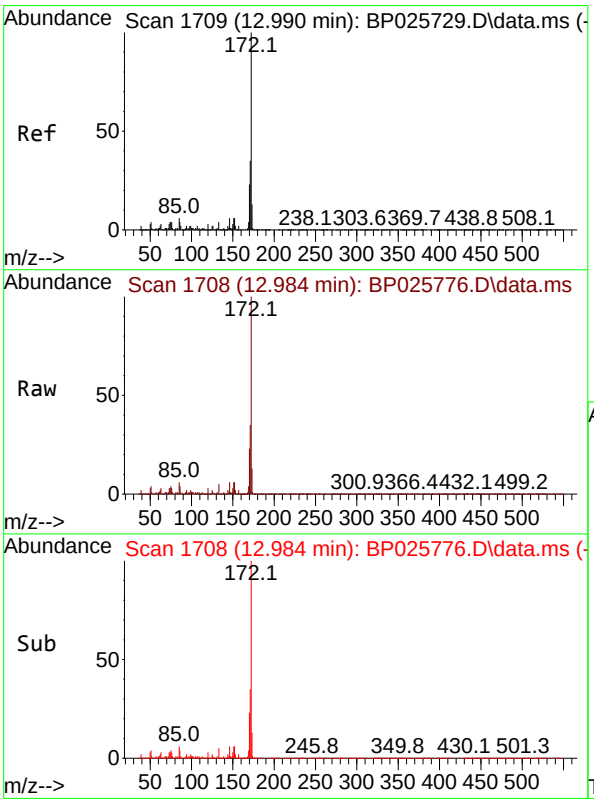
#42
2,4,6-Tribromophenol
Concen: 111.003 ng
RT: 15.883 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:330 Resp: 574835

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	37.6	31.0	46.4

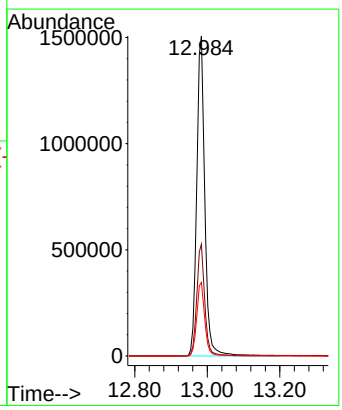


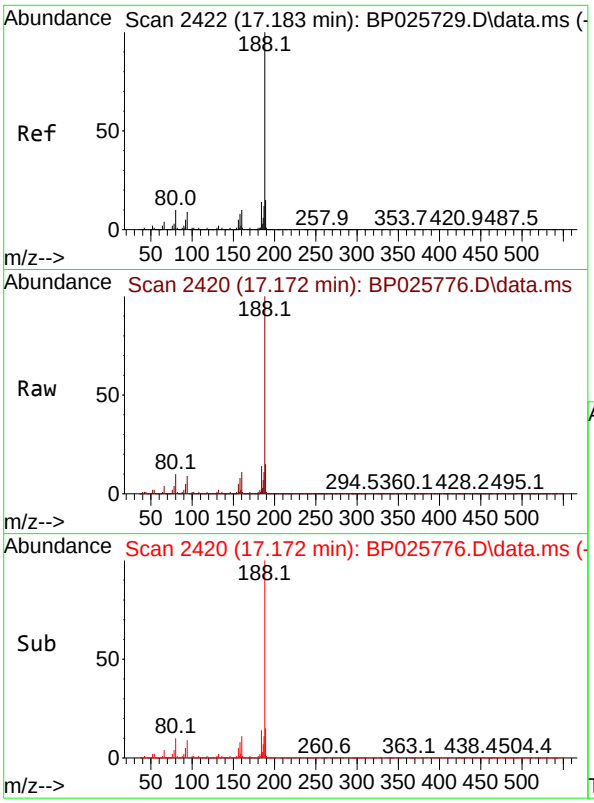


#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:172 Resp: 2342096

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.6	27.8



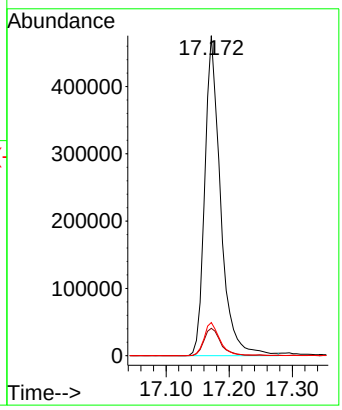


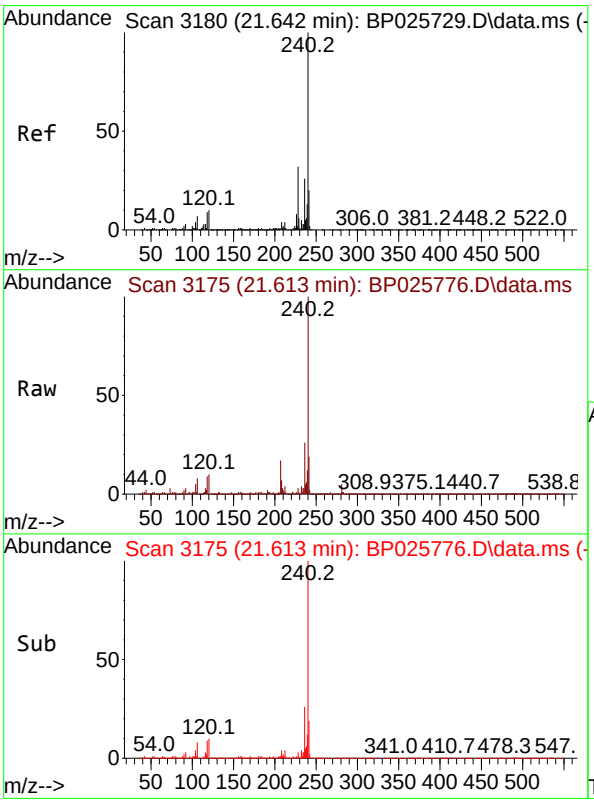
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:188 Resp: 826588

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.3	7.7	11.5

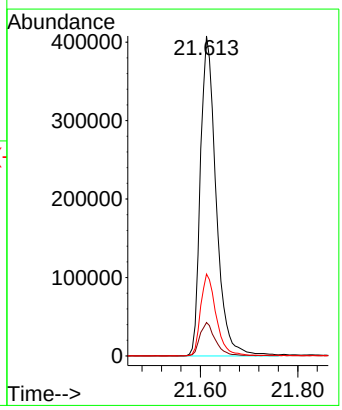


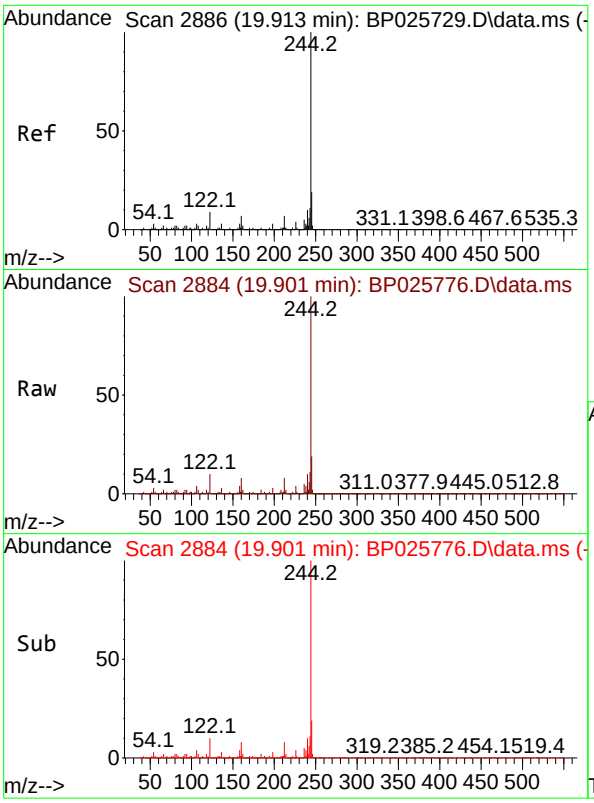


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:240 Resp: 912511

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.6	20.7	31.1



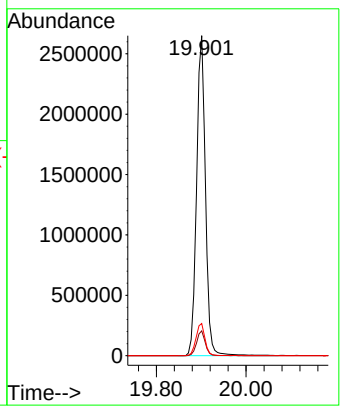


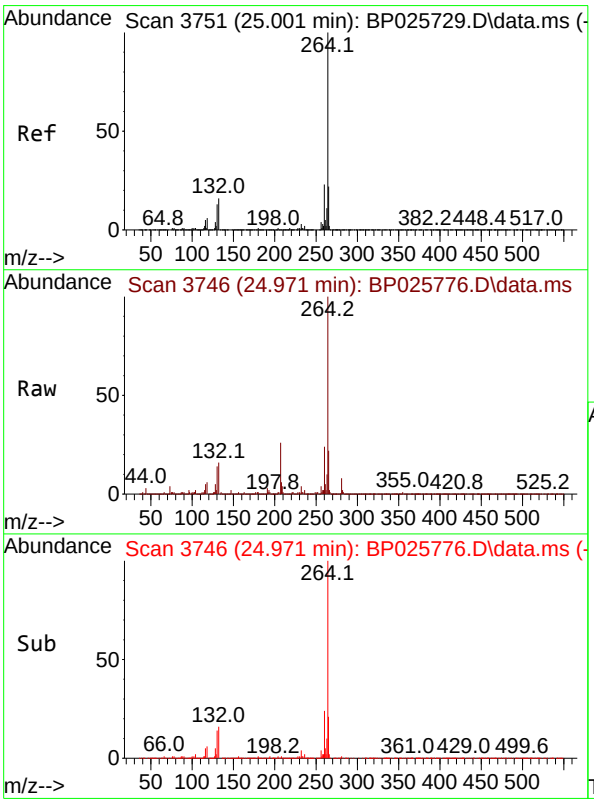
#79
Terphenyl-d14
Concen: 71.718 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:244 Resp: 3637790

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.0	7.1	10.7

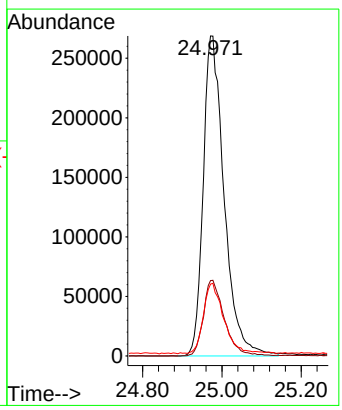




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:264 Resp: 985422

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.3	25.9



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.919	332	337	350	rBV	434274	637504	6.37%	1.374%
2	5.384	409	416	436	rBV	3067102	4769873	47.63%	10.283%
3	6.949	670	682	701	rBV	2576186	4714299	47.07%	10.163%
4	7.754	812	819	834	rBV	655154	1105705	11.04%	2.384%
5	8.901	1006	1014	1036	rBV	1761882	3271318	32.67%	7.053%
6	10.525	1282	1290	1307	rBV	674065	1435864	14.34%	3.096%
7	12.984	1696	1708	1726	rBV	4355524	6787745	67.78%	14.634%
8	14.372	1936	1944	1951	rBV	1051362	1752688	17.50%	3.779%
9	15.883	2194	2201	2216	rBV	2763290	4769324	47.62%	10.282%
10	17.172	2413	2420	2436	rBV	1165013	2116229	21.13%	4.562%
11	19.901	2877	2884	2902	rBV	7263694	10014746	100.00%	21.591%
12	21.613	3169	3175	3191	rVB	1097791	2548378	25.45%	5.494%
13	24.977	3738	3747	3767	rVB	694876	2461082	24.57%	5.306%

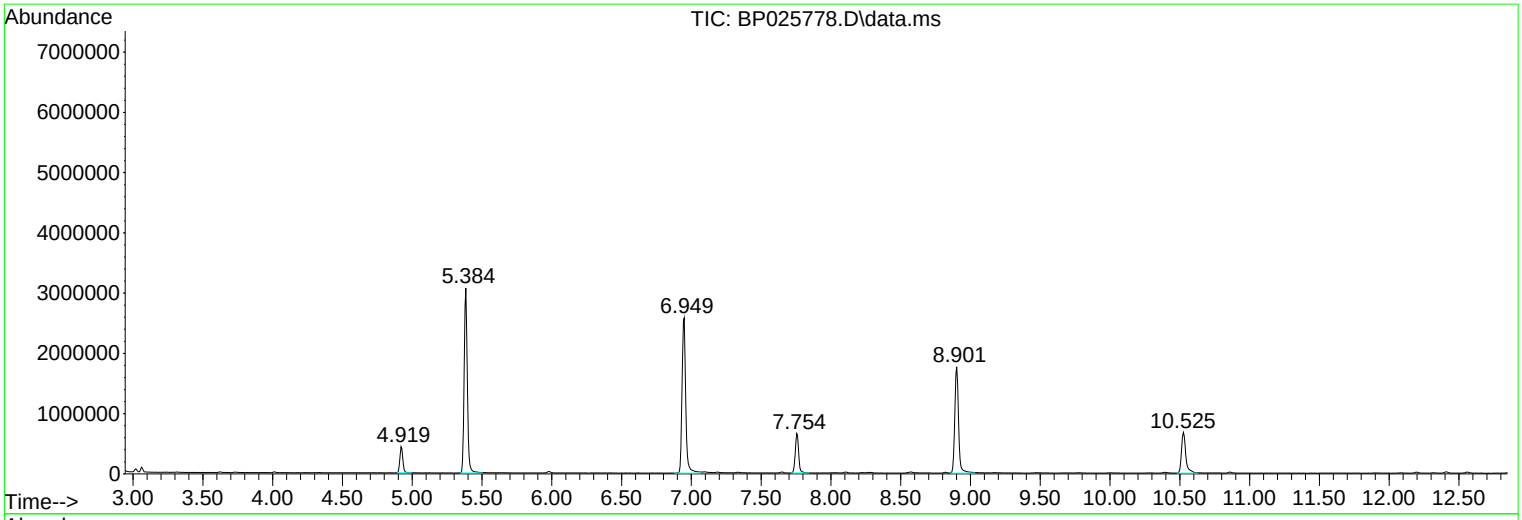
Sum of corrected areas: 46384755

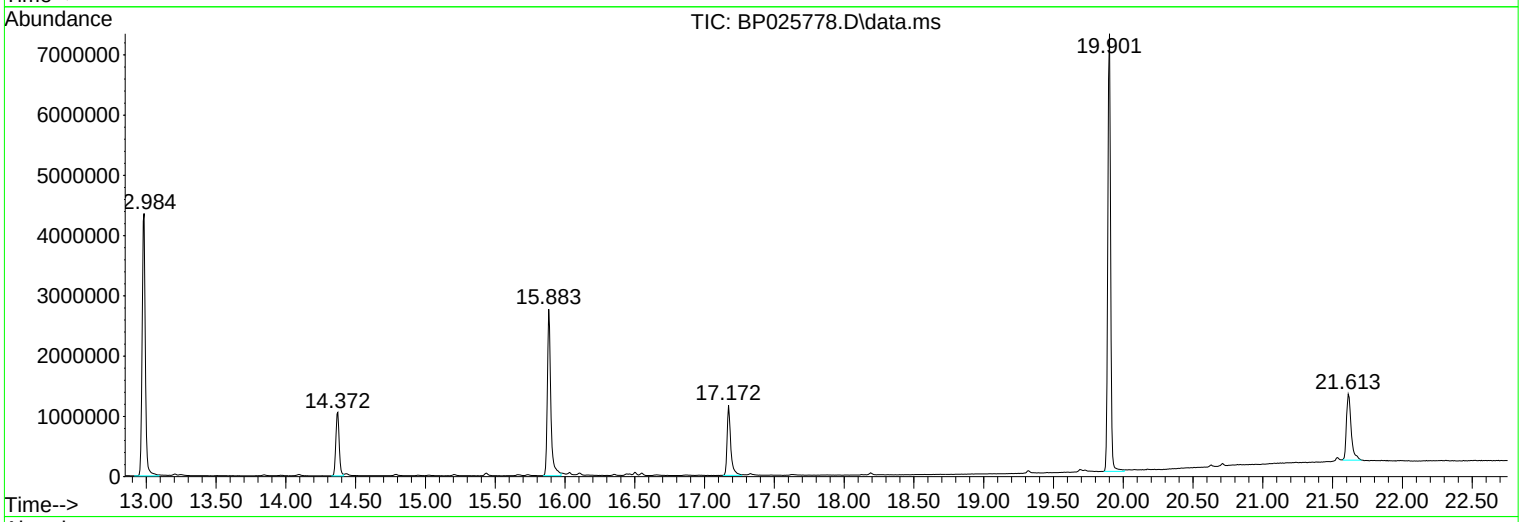
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

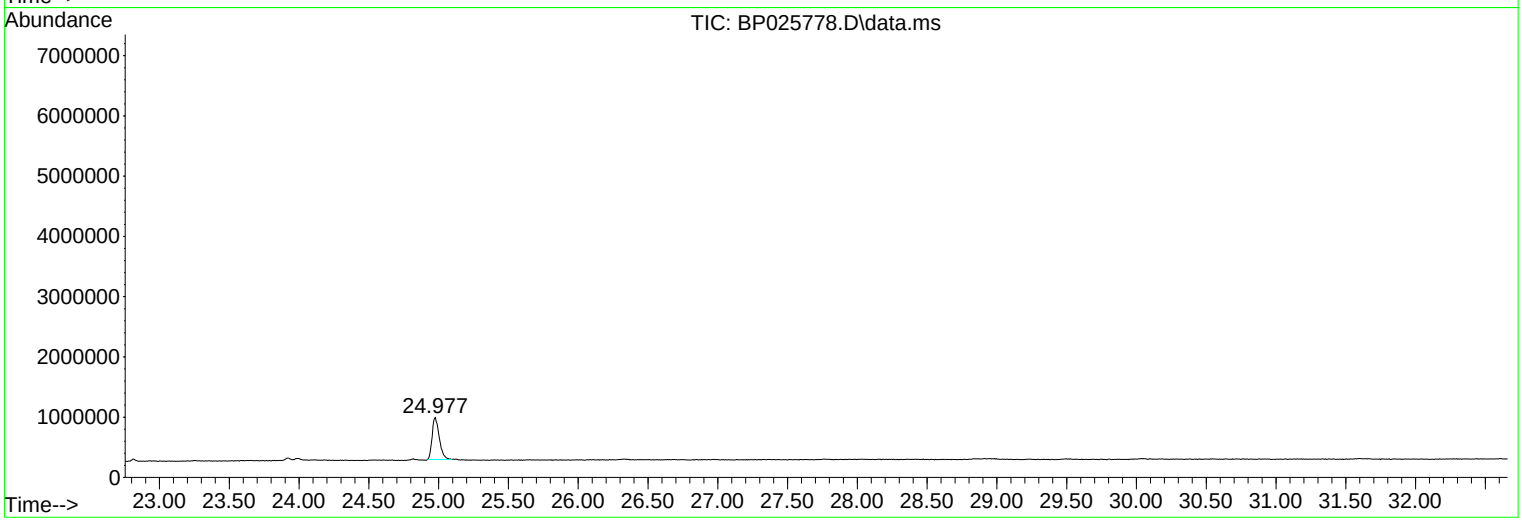
Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	164300	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	643426	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	416776	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	849137	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	847157	20.000	ng		-0.02
86) Perylene-d12	24.971	264	873039	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1178875	115.774	ng		0.00
7) Phenol-d6	6.943	99	1479877	109.342	ng		0.00
23) Nitrobenzene-d5	8.896	82	1006405	68.995	ng		0.00
42) 2,4,6-Tribromophenol	15.889	330	585396	112.610	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2158045	68.945	ng		0.00
79) Terphenyl-d14	19.901	244	3418819	72.601	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	135923	31.805	ng		99
3) Pyridine	3.708	79	382452	32.500	ng		99
4) n-Nitrosodimethylamine	3.614	42	204632	36.852	ng		99
6) Aniline	7.090	93	471572	25.382	ng		100
8) 2-Chlorophenol	7.331	128	434808	38.924	ng		100
9) Benzaldehyde	6.907	77	238499	29.400	ng		99
10) Phenol	6.972	94	552387	38.706	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	427685	37.301	ng		96
12) 1,3-Dichlorobenzene	7.649	146	478704	37.653	ng		97
13) 1,4-Dichlorobenzene	7.790	146	489997	37.836	ng		99
14) 1,2-Dichlorobenzene	8.102	146	467804	37.183	ng		100
15) Benzyl Alcohol	7.996	79	397237	35.519	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	691145	36.860	ng		100
17) 2-Methylphenol	8.196	107	365386	37.975	ng		99
18) Hexachloroethane	8.819	117	183140	37.023	ng		97
19) n-Nitroso-di-n-propyla...	8.549	70	338007	35.806	ng		99
20) 3+4-Methylphenols	8.519	107	488522	36.254	ng		99
22) Acetophenone	8.560	105	698464	40.621	ng	#	99
24) Nitrobenzene	8.937	77	498625	38.105	ng		97
25) Isophorone	9.460	82	925880	36.113	ng		99
26) 2-Nitrophenol	9.643	139	226790	39.036	ng		95
27) 2,4-Dimethylphenol	9.707	122	397240	38.974	ng		98
28) bis(2-Chloroethoxy)met...	9.931	93	566916	38.253	ng		100
29) 2,4-Dichlorophenol	10.184	162	412664	40.608	ng		100
30) 1,2,4-Trichlorobenzene	10.384	180	439123	38.342	ng		99
31) Naphthalene	10.572	128	1302186	37.533	ng		100
32) Benzoic acid	9.872	122	303703	40.078	ng		97
33) 4-Chloroaniline	10.684	127	293810	20.318	ng		99
34) Hexachlorobutadiene	10.854	225	285624	38.741	ng		99
35) Caprolactam	11.478	113	141780m	36.192	ng		
36) 4-Chloro-3-methylphenol	11.819	107	463277	38.238	ng		97
37) 2-Methylnaphthalene	12.178	142	838936	37.649	ng		99
38) 1-Methylnaphthalene	12.395	142	860734	36.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	524326	41.516	ng		99
41) Hexachlorocyclopentadiene	12.531	237	522921	76.023	ng		99
43) 2,4,6-Trichlorophenol	12.795	196	341500	41.132	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	380833	41.215	ng		95
46)	1,1'-Biphenyl	13.195	154	1271773	41.573	ng		99
47)	2-Chloronaphthalene	13.237	162	931691	38.679	ng		99
48)	2-Nitroaniline	13.442	65	317780	39.576	ng		99
49)	Acenaphthylene	14.089	152	1564782	39.207	ng		100
50)	Dimethylphthalate	13.825	163	1232543	38.735	ng		100
51)	2,6-Dinitrotoluene	13.942	165	269502	39.977	ng		99
52)	Acenaphthene	14.437	154	873516	37.952	ng		99
53)	3-Nitroaniline	14.284	138	202335	28.541	ng		99
54)	2,4-Dinitrophenol	14.501	184	319695	73.363	ng		98
55)	Dibenzofuran	14.778	168	1444470	38.507	ng		98
56)	4-Nitrophenol	14.619	139	438046	72.215	ng		96
57)	2,4-Dinitrotoluene	14.742	165	389301	40.577	ng		95
58)	Fluorene	15.436	166	1143758	38.344	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.013	232	332721	39.973	ng		98
60)	Diethylphthalate	15.207	149	1268288	39.295	ng		100
61)	4-Chlorophenyl-phenyle...	15.425	204	578906	38.509	ng		98
62)	4-Nitroaniline	15.460	138	285861	39.361	ng		98
63)	Azobenzene	15.725	77	1224620	39.240	ng		99
65)	4,6-Dinitro-2-methylph...	15.531	198	227526	40.291	ng		95
66)	n-Nitrosodiphenylamine	15.648	169	1039816	40.015	ng		100
67)	4-Bromophenyl-phenylether	16.348	248	378303	40.553	ng		99
68)	Hexachlorobenzene	16.466	284	406369	39.063	ng		96
69)	Atrazine	16.631	200	403995	40.672	ng		98
70)	Pentachlorophenol	16.819	266	541321	78.842	ng		98
71)	Phenanthrene	17.213	178	1884872	39.131	ng		99
72)	Anthracene	17.313	178	1929629	39.483	ng		100
73)	Carbazole	17.589	167	1799258	39.599	ng		100
74)	Di-n-butylphthalate	18.177	149	2260758	40.545	ng		100
75)	Fluoranthene	19.307	202	2240678	38.787	ng		99
77)	Benzidine	19.507	184	835116	34.222	ng		99
78)	Pyrene	19.683	202	2343737	41.462	ng		99
80)	Butylbenzylphthalate	20.630	149	1029397	41.533	ng		98
81)	Benzo(a)anthracene	21.601	228	2298048	39.623	ng		100
82)	3,3'-Dichlorobenzidine	21.524	252	557181	27.784	ng		100
83)	Chrysene	21.677	228	2198224	39.761	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.536	149	1492612	41.163	ng		99
85)	Di-n-octyl phthalate	22.813	149	2569490	39.836	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.812	276	2715724	42.775	ng	#	74
88)	Benzo(b)fluoranthene	23.918	252	2231239	41.793	ng		99
89)	Benzo(k)fluoranthene	23.989	252	2184839	40.104	ng		99
90)	Benzo(a)pyrene	24.824	252	2114441	40.442	ng		99
91)	Dibenzo(a,h)anthracene	28.889	278	2200197	42.348	ng		99
92)	Benzo(g,h,i)perylene	29.983	276	2209083	43.235	ng		99

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

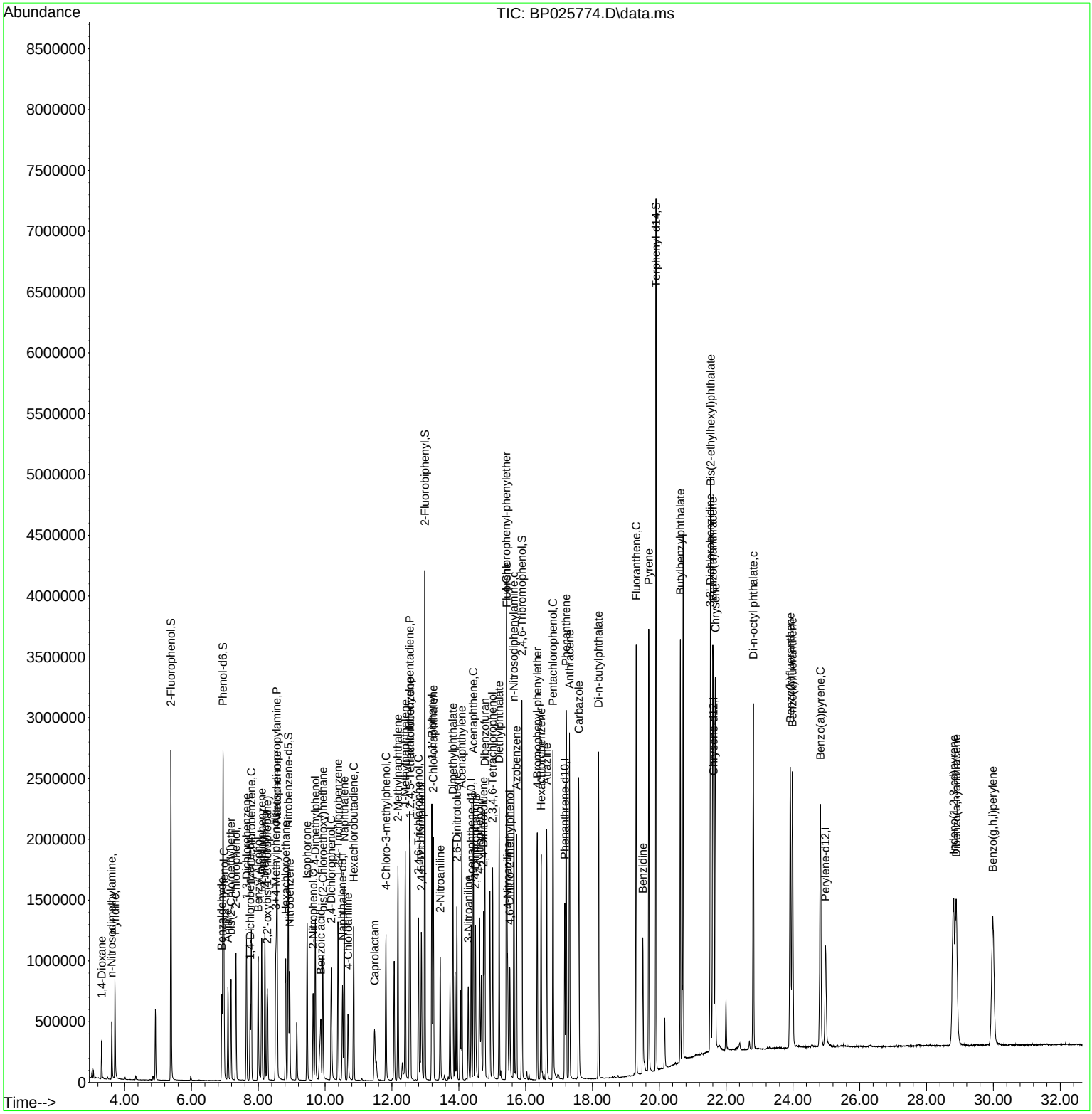
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng	99
3) Pyridine	3.708	79	388608	32.942	ng	98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng	98
6) Aniline	7.090	93	488835	26.246	ng	98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng	99
9) Benzaldehyde	6.913	77	242697	29.844	ng	99
10) Phenol	6.972	94	558256	39.022	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng	98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng	98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng	99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng	98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng	100
17) 2-Methylphenol	8.202	107	367765	38.129	ng	99
18) Hexachloroethane	8.819	117	188643	38.042	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng	99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng	99
22) Acetophenone	8.566	105	694903	40.806	ng	99
24) Nitrobenzene	8.943	77	503635	38.862	ng	98
25) Isophorone	9.466	82	935933	36.860	ng	99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng	94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng	99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng	99
31) Naphthalene	10.572	128	1308580	38.084	ng	99
32) Benzoic acid	9.878	122	310336	41.351	ng	96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng	99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng	99
35) Caprolactam	11.478	113	142021	36.606	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng	97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng	98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng	99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

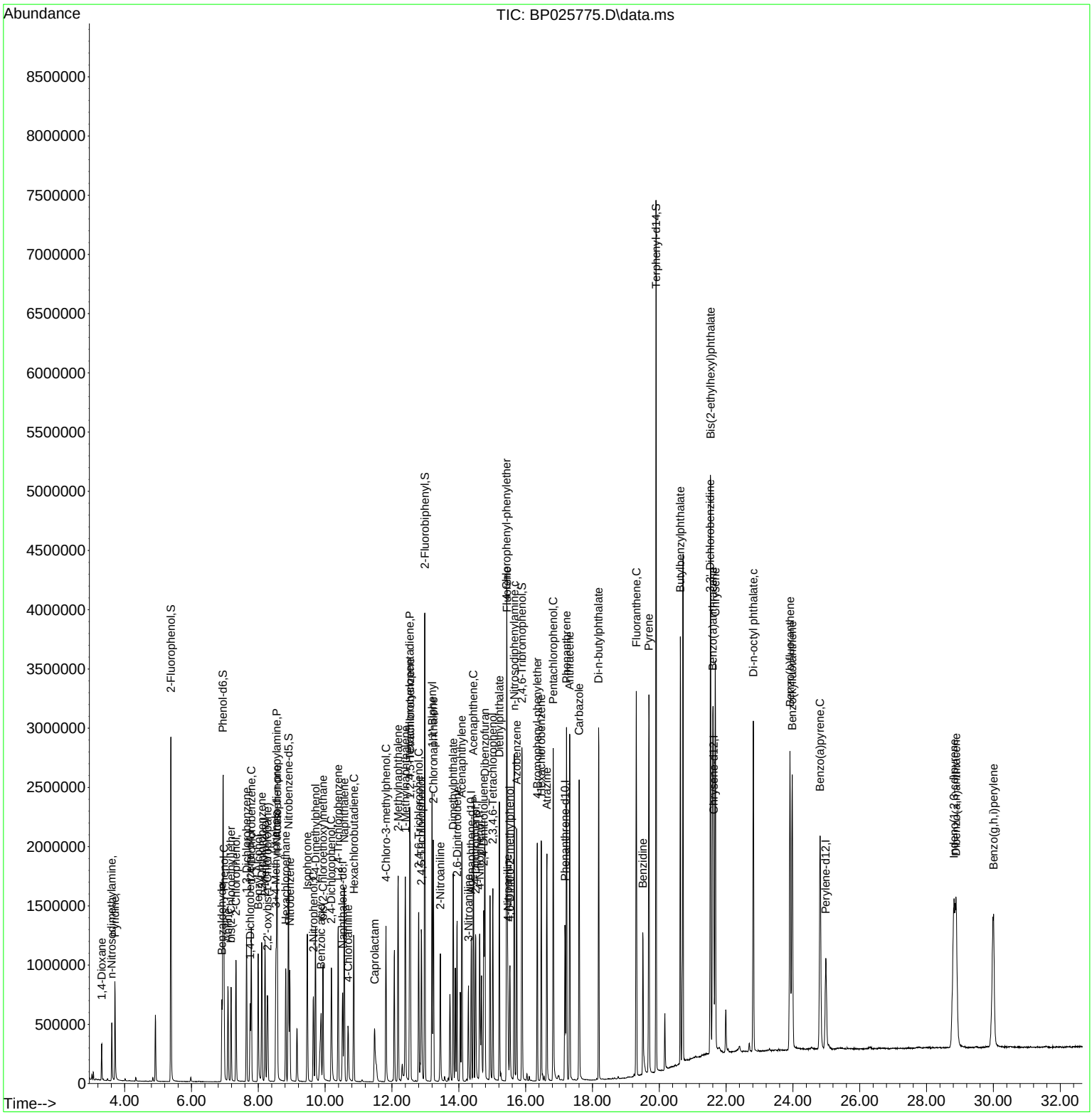
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng		99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng		99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng		98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng		98
49) Acenaphthylene	14.090	152	1573291	39.708	ng		100
50) Dimethylphthalate	13.831	163	1223345	38.727	ng		99
51) 2,6-Dinitrotoluene	13.948	165	264565	39.531	ng		99
52) Acenaphthene	14.437	154	878336	38.440	ng		100
53) 3-Nitroaniline	14.290	138	193474	27.490	ng		95
54) 2,4-Dinitrophenol	14.507	184	319344	73.787	ng		99
55) Dibenzofuran	14.778	168	1425642	38.282	ng		99
56) 4-Nitrophenol	14.625	139	437941	72.692	ng		97
57) 2,4-Dinitrotoluene	14.748	165	385720	40.497	ng		98
58) Fluorene	15.442	166	1127137	38.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	326930	39.563	ng		100
60) Diethylphthalate	15.213	149	1245832	38.880	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	566110	37.932	ng		99
62) 4-Nitroaniline	15.466	138	283646	39.340	ng		98
63) Azobenzene	15.731	77	1190017	38.409	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	227000	40.379	ng		94
66) n-Nitrosodiphenylamine	15.660	169	1035040	40.011	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	370443	39.890	ng		99
68) Hexachlorobenzene	16.466	284	398949	38.523	ng		98
69) Atrazine	16.636	200	394105	39.855	ng		98
70) Pentachlorophenol	16.825	266	544904	79.722	ng		99
71) Phenanthrene	17.225	178	1871116	39.021	ng		100
72) Anthracene	17.319	178	1900966	39.072	ng		100
73) Carbazole	17.601	167	1782815	39.414	ng		99
74) Di-n-butylphthalate	18.183	149	2172820	39.143	ng		100
75) Fluoranthene	19.313	202	2258488	39.271	ng		100
77) Benzidine	19.507	184	844260	34.474	ng		99
78) Pyrene	19.689	202	2341307	41.272	ng		99
80) Butylbenzylphthalate	20.630	149	1046003	42.053	ng		98
81) Benzo(a)anthracene	21.601	228	2337622	40.162	ng		99
82) 3,3'-Dichlorobenzidine	21.524	252	556223	27.637	ng		98
83) Chrysene	21.677	228	2189029	39.453	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492610	41.016	ng		100
85) Di-n-octyl phthalate	22.813	149	2538713	39.218	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2655840	42.609	ng	#	76
88) Benzo(b)fluoranthene	23.913	252	2187404	41.733	ng		99
89) Benzo(k)fluoranthene	23.977	252	2274107	42.519	ng		100
90) Benzo(a)pyrene	24.812	252	2087891	40.677	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	2174745	42.636	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2173956	43.339	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP091725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169719BS	BP025774.D	Caprolactam	Rahul	9/19/2025 8:47:34 AM	Jagrut	9/19/2025 10:17:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091925	Instrument	BNA_p

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM				
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM				
SubDirectory	BP091225	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM				
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM				
SubDirectory	BP091725	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025768.D	17 Sep 2025 11:22	CG/JU	Ok
2	SSTDCCC040	BP025769.D	17 Sep 2025 12:03	CG/JU	Ok
3	PB169672BL	BP025770.D	17 Sep 2025 14:26	CG/JU	Ok
4	Q3015-03	BP025771.D	17 Sep 2025 15:07	CG/JU	Dilution
5	Q3015-03DL	BP025772.D	17 Sep 2025 17:51	CG/JU	Ok,M
6	Q3015-22	BP025773.D	17 Sep 2025 19:13	CG/JU	Ok
7	PB169719BS	BP025774.D	17 Sep 2025 20:35	CG/JU	Ok,M
8	PB169719BSD	BP025775.D	17 Sep 2025 21:16	CG/JU	Ok
9	PB169719BL	BP025776.D	17 Sep 2025 21:56	CG/JU	Ok
10	SSTDCCC040	BP025777.D	17 Sep 2025 22:37	CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM				
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM				
SubDirectory	BP091925	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025791.D	19 Sep 2025 09:31	CG/JU	Ok
2	SSTDCCC040	BP025792.D	19 Sep 2025 10:12	CG/JU	Ok
3	PB169731TB	BP025793.D	19 Sep 2025 10:53	CG/JU	Ok
4	PB169672BS	BP025794.D	19 Sep 2025 11:34	CG/JU	Ok,M
5	Q3103-01	BP025795.D	19 Sep 2025 12:20	CG/JU	Ok
6	Q3108-01	BP025796.D	19 Sep 2025 13:01	CG/JU	Ok
7	Q3083-03	BP025797.D	19 Sep 2025 13:43	CG/JU	Ok
8	Q3117-02	BP025798.D	19 Sep 2025 14:24	CG/JU	Ok
9	Q3117-02MS	BP025799.D	19 Sep 2025 15:05	CG/JU	Ok
10	Q3117-02MSD	BP025800.D	19 Sep 2025 15:47	CG/JU	Ok
11	Q3098-04	BP025801.D	19 Sep 2025 16:28	CG/JU	Ok
12	Q3098-05MS	BP025802.D	19 Sep 2025 17:09	CG/JU	Ok
13	Q3098-06MSD	BP025803.D	19 Sep 2025 17:51	CG/JU	Ok,M
14	Q3133-03	BP025804.D	19 Sep 2025 18:32	CG/JU	Ok,M
15	Q3133-03MS	BP025805.D	19 Sep 2025 19:14	CG/JU	Ok
16	Q3133-03MSD	BP025806.D	19 Sep 2025 19:55	CG/JU	Ok
17	Q3126-01	BP025807.D	19 Sep 2025 20:37	CG/JU	Dilution

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-(	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025768.D	17 Sep 2025 11:22		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025769.D	17 Sep 2025 12:03		CG/JU	Ok
3	PB169672BL	PB169672BL	BP025770.D	17 Sep 2025 14:26		CG/JU	Ok
4	Q3015-03	WP0925-PT-BN-WP	BP025771.D	17 Sep 2025 15:07	PT Sample-Need 5X dilution	CG/JU	Dilution
5	Q3015-03DL	WP0925-PT-BN-WPDL	BP025772.D	17 Sep 2025 17:51		CG/JU	Ok,M
6	Q3015-22	WP0925-RR-TRIAZINE	BP025773.D	17 Sep 2025 19:13		CG/JU	Ok
7	PB169719BS	PB169719BS	BP025774.D	17 Sep 2025 20:35		CG/JU	Ok,M
8	PB169719BSD	PB169719BSD	BP025775.D	17 Sep 2025 21:16		CG/JU	Ok
9	PB169719BL	PB169719BL	BP025776.D	17 Sep 2025 21:56		CG/JU	Ok
10	SSTDCCC040	SSTDCCC040EC	BP025777.D	17 Sep 2025 22:37		CG/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025791.D	19 Sep 2025 09:31		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025792.D	19 Sep 2025 10:12		CG/JU	Ok
3	PB169731TB	PB169731TB	BP025793.D	19 Sep 2025 10:53		CG/JU	Ok
4	PB169672BS	PB169672BS	BP025794.D	19 Sep 2025 11:34		CG/JU	Ok,M
5	Q3103-01	TW-WTS-14	BP025795.D	19 Sep 2025 12:20		CG/JU	Ok
6	Q3108-01	MW2	BP025796.D	19 Sep 2025 13:01		CG/JU	Ok
7	Q3083-03	MW3S	BP025797.D	19 Sep 2025 13:43		CG/JU	Ok
8	Q3117-02	7211986-357	BP025798.D	19 Sep 2025 14:24		CG/JU	Ok
9	Q3117-02MS	7211986-357MS	BP025799.D	19 Sep 2025 15:05		CG/JU	Ok
10	Q3117-02MSD	7211986-357MSD	BP025800.D	19 Sep 2025 15:47		CG/JU	Ok
11	Q3098-04	EFF-WW	BP025801.D	19 Sep 2025 16:28	Surrogate Fail	CG/JU	Ok
12	Q3098-05MS	EFF-WWMS	BP025802.D	19 Sep 2025 17:09		CG/JU	Ok
13	Q3098-06MSD	EFF-WWMSD	BP025803.D	19 Sep 2025 17:51		CG/JU	Ok,M
14	Q3133-03	VNJ-222	BP025804.D	19 Sep 2025 18:32		CG/JU	Ok,M
15	Q3133-03MS	VNJ-222MS	BP025805.D	19 Sep 2025 19:14		CG/JU	Ok
16	Q3133-03MSD	VNJ-222MSD	BP025806.D	19 Sep 2025 19:55		CG/JU	Ok
17	Q3126-01	OK-01-091725	BP025807.D	19 Sep 2025 20:37	Need Further 2X Dilution	CG/JU	Dilution

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169719

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/17/2025
Matrix :	Water			**Extraction Start Time :**	09:05
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/17/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	ritesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3973
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext-lab)	RC/SVOC
14:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

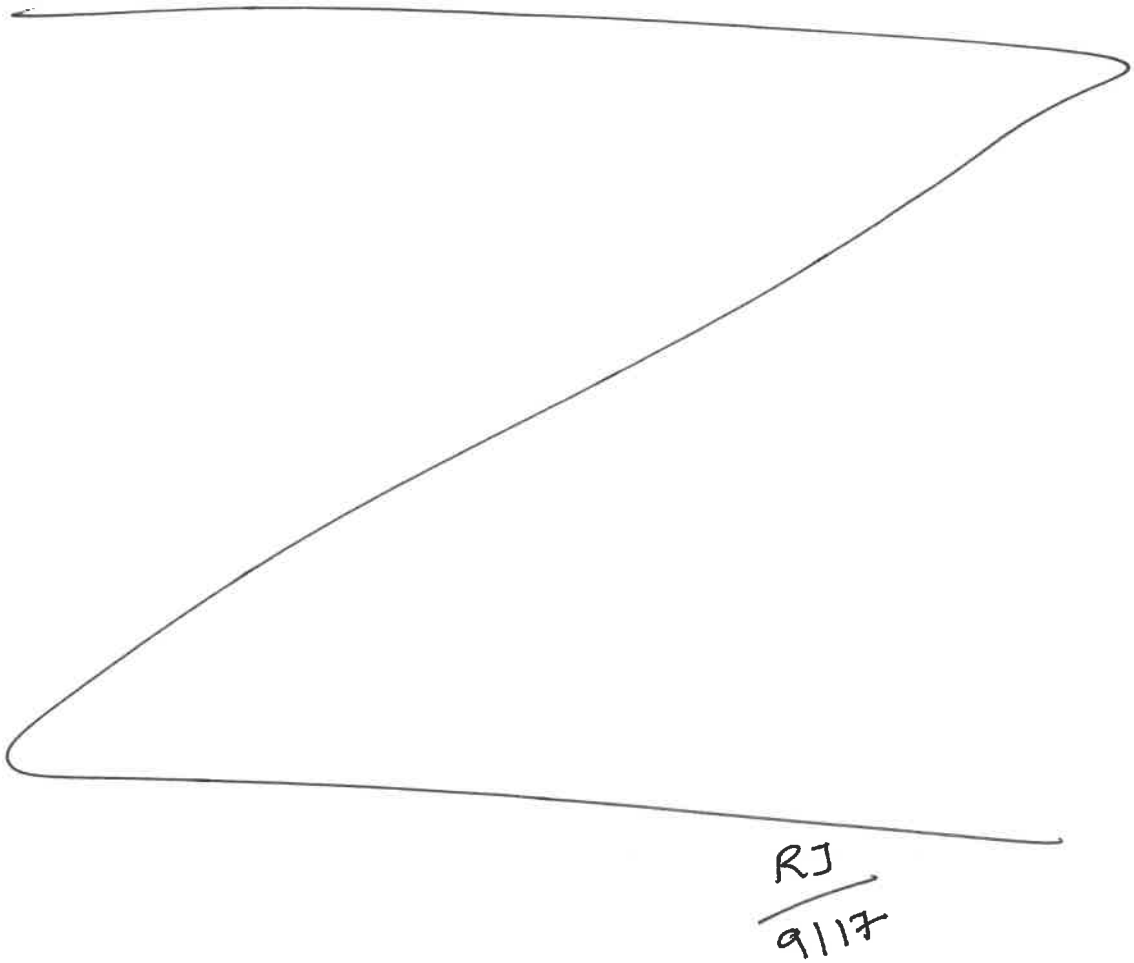
EXTRACTION LOGPAGE

PrepBatch ID : PB169719

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169719BL	SBLK719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			SEP-1
PB169719BS	SLCS719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			2
PB169719BSD	SLCSD719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			3
Q3015-03	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			4
Q3015-06	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			5
Q3015-22	WP0925-RR-TRIAZINE-WP	SVOCMS Group6	1000	6	ritesh	Evelyn	1			6
Q3083-03	MW3S	SVOCMS Group2	1000	6	ritesh	Evelyn	1	F		7
Q3103-01	TW-WTS-14	SVOCMS Group4	1000	6	ritesh	Evelyn	1	D		8
Q3108-01	MW2	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		9



* **Extracts relinquished on the same date as received.**

169715 9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3108 **WorkList ID :** 191910 **Department :** Extraction **Date :** 09-17-2025 09:00:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-03	WP0925-PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-06	WP0925-PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-22	WP0925-RR-TRIAZINE-WP	Water	SVOCMS Group6	Cool 4 deg C	ALLI03	QA Of	09/05/2025	8270E
Q3083-03	MW3S	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	09/11/2025	8270E
Q3103-01	TW-WTS-14	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J22	09/15/2025	8270E
Q3108-01	MW2	Water	SVOCMS Group1	Cool 4 deg C	GENV01	A11	09/15/2025	8270E

Date/Time 9/17/25 9:00
Raw Sample Received by: RJ (EZL-Cole)
Raw Sample Relinquished by: SM

Date/Time 9/17/25 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EZL-Cole)

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LAB CHRONICLE

OrderID:	Q3083	**OrderDate:**	9/11/2025 1:25:37 PM
Client:	G Environmental	**Project:**	Blanchard
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-03	**MW3S**	**Water**			**09/11/25**			**09/11/25**
			SVOCMS Group2	8270E		09/17/25	09/19/25	
			SVOC-SIM	8270-Modified		09/15/25	09/18/25	
Q3083-03DL	**MW3SDL**	**Water**			**09/11/25**			**09/11/25**
			SVOC-SIM	8270-Modified		09/15/25	09/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3083

Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3S								
Q3083-03	MW3S	WATER	Acenaphthylene	0.040	J	0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Acenaphthene	5.500	E	0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Fluorene	1.000		0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Phenanthrene	0.320		0.03	0.1	ug/L
Q3083-03	MW3S	WATER	Anthracene	0.490		0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Fluoranthene	0.770		0.03	0.1	ug/L
Q3083-03	MW3S	WATER	Pyrene	0.350		0.03	0.1	ug/L
			Total Svoc :			**8.47**		
			Total Concentration:			**8.47**		
Client ID : MW3SDL								
Q3083-03DL	MW3SDL	WATER	Acenaphthene	4.500	D	0.08	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Fluorene	0.770	D	0.08	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Phenanthrene	0.260	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Anthracene	0.380	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Fluoranthene	0.580	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Pyrene	0.280	D	0.06	0.2	ug/L
			Total Svoc :			**6.77**		
			Total Concentration:			**6.77**		

SAMPLE DATA

Raw Data: **BN037782.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	09/11/25
Project:	Blanchard			Date Received:	09/11/25
Client Sample ID:	MW3S			SDG No.:	Q3083
Lab Sample ID:	Q3083-03			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
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
BN037782.D	1	09/15/25 12:00	09/18/25 18:12	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.040	U	0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.040	J	0.040	0.10	ug/L
83-32-9	Acenaphthene	5.50	E	0.040	0.10	ug/L
86-73-7	Fluorene	1.00		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.32		0.030	0.10	ug/L
120-12-7	Anthracene	0.49		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.77		0.030	0.10	ug/L
129-00-0	Pyrene	0.35		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
218-01-9	Chrysene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.050	U	0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	89%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 (54) - 150 (157)	111%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	91%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.80	*	30 (54) - 130 (175)	199%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	6580	7.833			
1146-65-2	Naphthalene-d8	17800	10.637			
15067-26-2	Acenaphthene-d10	8900	14.484			
1517-22-2	Phenanthrene-d10	17400	17.235			
1719-03-5	Chrysene-d12	17800	21.411			
1520-96-3	Perylene-d12	19000	23.741			

Raw Data: **BN037782.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	09/11/25
Project:	Blanchard			Date Received:	09/11/25
Client Sample ID:	MW3S			SDG No.:	Q3083
Lab Sample ID:	Q3083-03			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
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
BN037782.D	1	09/15/25 12:00	09/18/25 18:12	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BN037816.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3SDL	SDG No.:	Q3083
Lab Sample ID:	Q3083-03DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037816.D	2	09/15/25 12:00	09/19/25 16:08	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.080	UD	0.080	0.20	ug/L
208-96-8	Acenaphthylene	0.080	UD	0.080	0.20	ug/L
83-32-9	Acenaphthene	4.50	D	0.080	0.20	ug/L
86-73-7	Fluorene	0.77	D	0.080	0.20	ug/L
85-01-8	Phenanthrene	0.26	D	0.070	0.20	ug/L
120-12-7	Anthracene	0.38	D	0.070	0.20	ug/L
206-44-0	Fluoranthene	0.58	D	0.070	0.20	ug/L
129-00-0	Pyrene	0.28	D	0.060	0.20	ug/L
56-55-3	Benzo(a)anthracene	0.070	UD	0.070	0.20	ug/L
218-01-9	Chrysene	0.070	UD	0.070	0.20	ug/L
205-99-2	Benzo(b)fluoranthene	0.070	UD	0.070	0.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.10	UD	0.10	0.20	ug/L
50-32-8	Benzo(a)pyrene	0.080	UD	0.080	0.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.090	UD	0.090	0.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.090	UD	0.090	0.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.080	UD	0.080	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.26		30 (20) - 150 (139)	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (54) - 150 (157)	83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (27) - 130 (154)	72%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (30) - 130 (155)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.65	*	30 (54) - 130 (175)	162%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	5940	7.832			
1146-65-2	Naphthalene-d8	13500	10.637			
15067-26-2	Acenaphthene-d10	6160	14.484			
1517-22-2	Phenanthrene-d10	11700	17.235			
1719-03-5	Chrysene-d12	10900	21.411			
1520-96-3	Perylene-d12	10900	23.744			

Raw Data: **BN037816.D**

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

Client:	G Environmental			Date Collected:	09/11/25
Project:	Blanchard			Date Received:	09/11/25
Client Sample ID:	MW3SDL			SDG No.:	Q3083
Lab Sample ID:	Q3083-03DL			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
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
BN037816.D	2	09/15/25 12:00	09/19/25 16:08	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3083

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169693BL	PB169693BL	2-Methylnaphthalene-d10	0.4	0.33	82		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.38	96		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.36	90		30 (54)	130 (175)
PB169693BS	PB169693BS	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	73		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	92		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.32	81		30 (54)	130 (175)
Q3083-03	MW3S	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.44	111		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.80	199	*	30 (54)	130 (175)
Q3083-03DL	MW3SDL	2-Methylnaphthalene-d10	0.4	0.26	66		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.29	72		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	75		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.65	162	*	30 (54)	130 (175)
Q3097-02MS	RE103D2-20250911MS	2-Methylnaphthalene-d10	0.4	0.28	70		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	107		30 (54)	130 (175)
Q3097-03MSD	RE103D2-20250911MSD	2-Methylnaphthalene-d10	0.4	0.28	70		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** SW8270-Modified

Client: G Environmental **DataFile:** BN037772.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3097-02MS		**Client Sample ID: RE103D2-20250911MS**									
Naphthalene	0.4	0	0.32	ug/L	80				70 (62)	130 (119)	
Acenaphthylene	0.4	0	0.34	ug/L	85				70 (53)	130 (123)	
Acenaphthene	0.4	0	0.32	ug/L	80				70 (57)	130 (122)	
Fluorene	0.4	0	0.31	ug/L	78				70 (58)	130 (123)	
Phenanthrene	0.4	0	0.37	ug/L	93				70 (64)	130 (129)	
Anthracene	0.4	0	0.35	ug/L	88				70 (67)	130 (127)	
Fluoranthene	0.4	0	0.36	ug/L	90				70 (55)	130 (140)	
Pyrene	0.4	0	0.42	ug/L	105				70 (59)	130 (137)	
Benzo(a)anthracene	0.4	0	0.42	ug/L	105				70 (51)	130 (146)	
Chrysene	0.4	0	0.42	ug/L	105				70 (61)	130 (126)	
Benzo(b)fluoranthene	0.4	0	0.43	ug/L	108				70 (60)	130 (123)	
Benzo(k)fluoranthene	0.4	0	0.41	ug/L	103				70 (61)	130 (122)	
Benzo(a)pyrene	0.4	0	0.42	ug/L	105				70 (54)	130 (129)	
Indeno(1,2,3-cd)pyrene	0.4	0	0.46	ug/L	115				70 (50)	130 (134)	
Dibenz(a,h)anthracene	0.4	0	0.46	ug/L	115				70 (53)	130 (121)	
Benzo(g,h,i)perylene	0.4	0	0.44	ug/L	110				70 (44)	130 (132)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** SW8270-Modified

Client: G Environmental **DataFile:** BN037773.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3097-03MSD		**Client Sample ID: RE103D2-20250911MSD**									
Naphthalene	0.4	0	0.32	ug/L	80	0			70 (62)	130 (119)	20 (20)
Acenaphthylene	0.4	0	0.34	ug/L	85	0			70 (53)	130 (123)	20 (20)
Acenaphthene	0.4	0	0.32	ug/L	80	0			70 (57)	130 (122)	20 (20)
Fluorene	0.4	0	0.31	ug/L	78	0			70 (58)	130 (123)	20 (20)
Phenanthrene	0.4	0	0.38	ug/L	95	2			70 (64)	130 (129)	20 (20)
Anthracene	0.4	0	0.36	ug/L	90	2			70 (67)	130 (127)	20 (20)
Fluoranthene	0.4	0	0.38	ug/L	95	5			70 (55)	130 (140)	20 (20)
Pyrene	0.4	0	0.40	ug/L	100	5			70 (59)	130 (137)	20 (20)
Benzo(a)anthracene	0.4	0	0.41	ug/L	103	2			70 (51)	130 (146)	20 (20)
Chrysene	0.4	0	0.42	ug/L	105	0			70 (61)	130 (126)	20 (20)
Benzo(b)fluoranthene	0.4	0	0.42	ug/L	105	3			70 (60)	130 (123)	20 (20)
Benzo(k)fluoranthene	0.4	0	0.42	ug/L	105	2			70 (61)	130 (122)	20 (20)
Benzo(a)pyrene	0.4	0	0.43	ug/L	108	3			70 (54)	130 (129)	20 (20)
Indeno(1,2,3-cd)pyrene	0.4	0	0.47	ug/L	117	2			70 (50)	130 (134)	20 (20)
Dibenz(a,h)anthracene	0.4	0	0.46	ug/L	115	0			70 (53)	130 (121)	20 (20)
Benzo(g,h,i)perylene	0.4	0	0.43	ug/L	108	2			70 (44)	130 (132)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083 **Analytical Method:** 8270-Modified

Client: G Environmental **DataFile:** BN037792.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169693BS	Naphthalene	0.4	0.34	ug/L	85				70 (67)	130 (120)	
	Acenaphthylene	0.4	0.36	ug/L	90				70 (60)	130 (119)	
	Acenaphthene	0.4	0.34	ug/L	85				70 (65)	130 (119)	
	Fluorene	0.4	0.31	ug/L	78				70 (58)	130 (122)	
	Phenanthrene	0.4	0.35	ug/L	88				70 (65)	130 (117)	
	Anthracene	0.4	0.34	ug/L	85				70 (57)	130 (118)	
	Fluoranthene	0.4	0.30	ug/L	75				70 (53)	130 (126)	
	Pyrene	0.4	0.33	ug/L	83				70 (54)	130 (124)	
	Benzo(a)anthracene	0.4	0.36	ug/L	90				70 (54)	130 (130)	
	Chrysene	0.4	0.36	ug/L	90				70 (64)	130 (126)	
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.40	ug/L	100				70 (68)	130 (120)	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				70 (70)	130 (127)	
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98				70 (65)	130 (121)	
	Benzo(g,h,i)perylene	0.4	0.40	ug/L	100				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169693BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: BN037777.D | Lab Sample ID: PB169693BL

Instrument ID: BNA_N | Date Extracted: 09/15/2025

Matrix: (soil/water) Water | Date Analyzed: 09/18/2025

Level: (low/med) LOW | Time Analyzed: 15:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW3S	Q3083-03	BN037782.D	09/18/2025
PB169693BS	PB169693BS	BN037792.D	09/19/2025
RE103D2-20250911MS	Q3097-02MS	BN037772.D	09/18/2025
RE103D2-20250911MSD	Q3097-03MSD	BN037773.D	09/18/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BN037689.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_N DFTPP Injection Time: 07:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	71
443	15.0 - 24.0% of mass 442	14.5 (20.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037691.D	09/11/2025	09:56
SSTDICC0.2	SSTDICC0.2	BN037692.D	09/11/2025	10:32
SSTDICCC0.4	SSTDICCC0.4	BN037693.D	09/11/2025	11:08
SSTDICC0.8	SSTDICC0.8	BN037694.D	09/11/2025	11:44
SSTDICC1.6	SSTDICC1.6	BN037695.D	09/11/2025	12:20
SSTDICC3.2	SSTDICC3.2	BN037696.D	09/11/2025	12:56
SSTDICC5.0	SSTDICC5.0	BN037697.D	09/11/2025	13:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BN037758.D DFTPP Injection Date: 09/18/2025

Instrument ID: BNA_N DFTPP Injection Time: 02:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.5 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037759.D	09/18/2025	02:46
RE103D2-20250911MS	Q3097-02MS	BN037772.D	09/18/2025	11:48
RE103D2-20250911MSD	Q3097-03MSD	BN037773.D	09/18/2025	12:25

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3083

Lab File ID: BN037775.D DFTPP Injection Date: 09/18/2025

Instrument ID: BNA_N DFTPP Injection Time: 13:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	85.7
443	15.0 - 24.0% of mass 442	16.2 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037776.D	09/18/2025	14:32
PB169693BL	PB169693BL	BN037777.D	09/18/2025	15:10
MW3S	Q3083-03	BN037782.D	09/18/2025	18:12
PB169693BS	PB169693BS	BN037792.D	09/19/2025	00:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3083

Lab File ID: BN037812.D | DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_N | DFTPP Injection Time: 13:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	39
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	79.5
443	15.0 - 24.0% of mass 442	15.9 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037813.D	09/19/2025	14:19
MW3SDL	Q3083-03DL	BN037816.D	09/19/2025	16:08

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037759.D Time Analyzed: 02:46

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	8012	7.833	21664	10.64	10192	14.48
	UPPER LIMIT	16024	8.333	43328	11.137	20384	14.984
	LOWER LIMIT	4006	7.333	10832	10.137	5096	13.984
	EPA SAMPLE NO.						
01	RE103D2-20250911MS	7218	7.83	19437	10.64	8792	14.48
02	RE103D2-20250911MSD	7159	7.83	19099	10.64	8494	14.48

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037759.D Time Analyzed: 02:46

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	18613	17.235	16797	21.411	18043	23.741
	UPPER LIMIT	37226	17.735	33594	21.911	36086	24.241
	LOWER LIMIT	9306.5	16.735	8398.5	20.911	9021.5	23.241
	EPA SAMPLE NO.						
01	RE103D2-20250911MS	14560	17.24	11077	21.41	10712	23.74
02	RE103D2-20250911MSD	14218	17.24	11982	21.41	11726	23.75

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037776.D Time Analyzed: 14:32

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	7127	7.833	18984	10.64	8698	14.48
	UPPER LIMIT	14254	8.333	37968	11.137	17396	14.984
	LOWER LIMIT	3563.5	7.333	9492	10.137	4349	13.984
	EPA SAMPLE NO.						
01	PB169693BL	6667	7.84	17045	10.64	7049	14.48
02	PB169693BS	7441	7.83	19392	10.64	8149	14.48
03	MW3S	6579	7.83	17764	10.64	8899	14.48

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037776.D Time Analyzed: 14:32

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	14526	17.235	10438	21.411	10600	23.744
	UPPER LIMIT	29052	17.735	20876	21.911	21200	24.244
	LOWER LIMIT	7263	16.735	5219	20.911	5300	23.244
	EPA SAMPLE NO.						
01	PB169693BL	11652	17.24	9221	21.41	9002	23.75
02	PB169693BS	12386	17.24	10095	21.41	10200	23.74
03	MW3S	17415	17.24	17835	21.41	19008	23.74

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID : SSTDCCC0.4 Date Analyzed: 09/19/2025

Lab File ID: BN037813.D Time Analyzed: 14:19

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	4812	7.833	12410	10.64	5585	14.48
	UPPER LIMIT	9624	8.333	24820	11.137	11170	14.984
	LOWER LIMIT	2406	7.333	6205	10.137	2792.5	13.984
	EPA SAMPLE NO.						
01	MW3SDL	5937	7.83	13519	10.64	6156	14.48

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3083

Client ID: SSTDCCC0.4 Date Analyzed: 09/19/2025

Lab File ID: BN037813.D Time Analyzed: 14:19

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	9638	17.235	8466	21.411	8084	23.739
	UPPER LIMIT	19276	17.735	16932	21.911	16168	24.239
	LOWER LIMIT	4819	16.735	4233	20.911	4042	23.239
	EPA SAMPLE NO.						
01	MW3SDL	11729	17.24	10935	21.41	10906	23.74

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

Raw Data: **BN037777.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169693BL			SDG No.:	Q3083
Lab Sample ID:	PB169693BL			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
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
BN037777.D	1	09/15/25 12:00	09/18/25 15:10	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.040	U	0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.040	U	0.040	0.10	ug/L
83-32-9	Acenaphthene	0.040	U	0.040	0.10	ug/L
86-73-7	Fluorene	0.040	U	0.040	0.10	ug/L
85-01-8	Phenanthrene	0.030	U	0.030	0.10	ug/L
120-12-7	Anthracene	0.040	U	0.040	0.10	ug/L
206-44-0	Fluoranthene	0.030	U	0.030	0.10	ug/L
129-00-0	Pyrene	0.030	U	0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
218-01-9	Chrysene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.050	U	0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 (54) - 150 (157)	80%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.38		30 (27) - 130 (154)	96%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	99%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		30 (54) - 130 (175)	90%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	6670	7.84			
1146-65-2	Naphthalene-d8	17000	10.637			
15067-26-2	Acenaphthene-d10	7050	14.484			
1517-22-2	Phenanthrene-d10	11700	17.236			
1719-03-5	Chrysene-d12	9220	21.411			
1520-96-3	Perylene-d12	9000	23.75			

Raw Data: **BN037777.D**

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Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Blanchard			Date Received:			
Client Sample ID:	PB169693BL			SDG No.:	Q3083		
Lab Sample ID:	PB169693BL			Matrix:	Water		
Analytical Method:	SW8270ESIM			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM		
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
BN037777.D	1	09/15/25 12:00	09/18/25 15:10	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BN037792.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Blanchard			Date Received:	
Client Sample ID:	PB169693BS			SDG No.:	Q3083
Lab Sample ID:	PB169693BS			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM
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
BN037792.D	1	09/15/25 12:00	09/19/25 00:16	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.34		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.36		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.34		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.35		0.030	0.10	ug/L
120-12-7	Anthracene	0.34		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.30		0.030	0.10	ug/L
129-00-0	Pyrene	0.33		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.040	0.10	ug/L
218-01-9	Chrysene	0.36		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.40		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.29		30 (54) - 150 (157)	73%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.32		30 (54) - 130 (175)	81%	SPK: 0.4

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	7440	7.833
1146-65-2	Naphthalene-d8	19400	10.637
15067-26-2	Acenaphthene-d10	8150	14.484
1517-22-2	Phenanthrene-d10	12400	17.235
1719-03-5	Chrysene-d12	10100	21.411
1520-96-3	Perylene-d12	10200	23.738

Raw Data: **BN037792.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Blanchard			Date Received:			
Client Sample ID:	PB169693BS			SDG No.:	Q3083		
Lab Sample ID:	PB169693BS			Matrix:	Water		
Analytical Method:	SW8270ESIM			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIM		
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
BN037792.D	1	09/15/25 12:00	09/19/25 00:16	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BN037772.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MS	SDG No.:	Q3083
Lab Sample ID:	Q3097-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037772.D	1	09/15/25 12:00	09/18/25 11:48	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.32		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.34		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.32		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.37		0.030	0.10	ug/L
120-12-7	Anthracene	0.35		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.36		0.030	0.10	ug/L
129-00-0	Pyrene	0.42		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.040	0.10	ug/L
218-01-9	Chrysene	0.42		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	70%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	87%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	81%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (30) - 130 (155)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	107%	SPK: 0.4

CAS Number	Parameter	Conc.	Qualifier
INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	7220	7.833
1146-65-2	Naphthalene-d8	19400	10.637
15067-26-2	Acenaphthene-d10	8790	14.484
1517-22-2	Phenanthrene-d10	14600	17.236
1719-03-5	Chrysene-d12	11100	21.411
1520-96-3	Perylene-d12	10700	23.744

Raw Data: **BN037772.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MS	SDG No.:	Q3083
Lab Sample ID:	Q3097-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037772.D	1	09/15/25 12:00	09/18/25 11:48	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BN037773.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MSD	SDG No.:	Q3083
Lab Sample ID:	Q3097-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037773.D	1	09/15/25 12:00	09/18/25 12:25	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.32		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.34		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.32		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.38		0.030	0.10	ug/L
120-12-7	Anthracene	0.36		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.38		0.030	0.10	ug/L
129-00-0	Pyrene	0.40		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.040	0.10	ug/L
218-01-9	Chrysene	0.42		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	70%	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)	82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.41		30 (54) - 130 (175)	101%	SPK: 0.4

CAS Number	Parameter	Conc.	Qualifier
INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	7160	7.833
1146-65-2	Naphthalene-d8	19100	10.637
15067-26-2	Acenaphthene-d10	8490	14.484
1517-22-2	Phenanthrene-d10	14200	17.235
1719-03-5	Chrysene-d12	12000	21.411
1520-96-3	Perylene-d12	11700	23.747

Raw Data: **BN037773.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MSD	SDG No.:	Q3083
Lab Sample ID:	Q3097-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037773.D	1	09/15/25 12:00	09/18/25 12:25	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 14:20:01 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037691.D 0.2 =BN037692.D 0.4 =BN037693.D 0.8 =BN037694.D 1.6 =BN037695.D 3.2 =BN037696.D 5 =BN037697.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.429	0.422	0.411	0.432	0.418	0.388	0.417	3.80
3)		n-Nitrosodimet...		0.530	0.564	0.515	0.556	0.550	0.551	0.544	3.34
4)	S	2-Fluorophenol	0.929	0.913	0.892	0.840	0.912	0.937	1.004	0.918	5.37
5)	S	Phenol-d6	1.191	1.193	1.156	1.088	1.193	1.225	1.289	1.191	5.15
6)		bis(2-Chloroet...	1.076	1.075	1.070	1.019	1.078	1.066	1.063	1.064	1.94
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.287	0.279	0.285	0.272	0.296	0.303	0.325	0.293	6.05
9)		Naphthalene	1.091	1.072	1.074	1.036	1.117	1.115	1.149	1.093	3.38
10)		Hexachlorobuta...	0.199	0.196	0.197	0.189	0.203	0.199	0.202	0.198	2.29
11)	SURR	2-Methylnaphth...	0.497	0.497	0.498	0.478	0.522	0.550	0.668	0.530	12.31
12)		2-Methylnaphth...	0.643	0.651	0.659	0.633	0.697	0.712	0.740	0.676	5.91
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.098	0.101	0.096	0.113	0.131		0.104	14.74
15)	S	2-Fluorobiphenyl	1.663	1.666	1.649	1.586	1.689	1.674	1.785	1.673	3.54
16)		Acenaphthylene	1.754	1.756	1.783	1.727	1.885	1.916	2.020	1.834	5.90
17)		Acenaphthene	1.165	1.199	1.215	1.187	1.272	1.296	1.348	1.240	5.37
18)		Fluorene	1.404	1.402	1.441	1.419	1.545	1.633	1.671	1.502	7.59
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.032	0.033	0.033	0.040	0.046		0.037	16.34
21)		4-Bromophenyl-...	0.250	0.252	0.251	0.248	0.272	0.269	0.284	0.261	5.43
22)		Hexachlorobenzene	0.301	0.308	0.294	0.280	0.305	0.302	0.310	0.300	3.39
23)		Atrazine	0.145	0.151	0.152	0.146	0.169	0.190	0.209	0.166	15.00
24)		Pentachlorophenol		0.074	0.074	0.073	0.086	0.100	0.115	0.087	19.46
25)		Phenanthrene	1.228	1.215	1.223	1.173	1.285	1.321	1.371	1.259	5.47
26)		Anthracene	1.038	1.029	1.070	1.030	1.140	1.221	1.281	1.116	9.09
27)	SURR	Fluoranthene-d10	0.912	0.887	0.935	0.883	0.954	1.108	1.350	1.004	16.98
28)		Fluoranthene	1.257	1.224	1.310	1.269	1.393	1.578	1.637	1.381	11.91
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.578	1.618	1.557	1.473	1.603	1.542	1.590	1.566	3.09
31)	S	Terphenyl-d14	0.806	0.833	0.801	0.754	0.812	0.784	0.892	0.812	5.30
32)		Benzo(a)anthra...	1.386	1.345	1.347	1.297	1.410	1.459	1.522	1.395	5.46
33)		Chrysene	1.523	1.491	1.496	1.402	1.510	1.506	1.543	1.496	3.01
34)		Bis(2-ethylhex...		0.440	0.376	0.345	0.380	0.438	0.504	0.414	13.96
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091125.M

36)		Indeno(1,2,3-c...	1.517	1.491	1.543	1.532	1.791	1.865	2.025	1.681	12.58
37)		Benzo(b)fluora...	1.463	1.475	1.554	1.444	1.636	1.674	1.778	1.575	7.99
38)		Benzo(k)fluora...	1.516	1.543	1.524	1.501	1.705	1.696	1.756	1.606	6.73
39)	C	Benzo(a)pyrene	1.155	1.172	1.201	1.151	1.314	1.367	1.467	1.261	9.78
40)		Dibenzo(a,h)an...	1.157	1.175	1.210	1.232	1.463	1.519	1.636	1.342	14.39
41)		Benzo(g,h,i)pe...	1.413	1.402	1.451	1.375	1.568	1.607	1.723	1.506	8.59

(#) = 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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_N Calibration Date/Time: 09/18/2025 02:46

Lab File ID: BN037759.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.511		-3.6	20.0
Fluoranthene-d10	1.004	0.949		-5.5	20.0
2-Fluorophenol	0.918	0.939		2.3	20.0
Phenol-d6	1.191	1.179		-1.0	20.0
Nitrobenzene-d5	0.293	0.286		-2.4	20.0
Naphthalene	1.093	1.062		-2.8	20.0
2-Fluorobiphenyl	1.673	1.646		-1.6	20.0
Acenaphthylene	1.834	1.743		-5.0	20.0
Acenaphthene	1.240	1.204		-2.9	20.0
Fluorene	1.502	1.421		-5.4	20.0
2,4,6-Tribromophenol	0.104	0.120		15.4	20.0
Phenanthrene	1.259	1.218		-3.3	20.0
Anthracene	1.116	1.073		-3.9	20.0
Fluoranthene	1.381	1.338		-3.1	20.0
Pyrene	1.566	1.487		-5.0	20.0
Terphenyl-d14	0.812	0.735		-9.5	20.0
Benzo(a)anthracene	1.395	1.368		-1.9	20.0
Chrysene	1.496	1.485		-0.7	20.0
Benzo(b)fluoranthene	1.575	1.500		-4.8	20.0
Benzo(k)fluoranthene	1.606	1.567		-2.4	20.0
Benzo(a)pyrene	1.261	1.217		-3.5	20.0
Indeno(1,2,3-cd)pyrene	1.681	1.811		7.7	20.0
Dibenzo(a,h)anthracene	1.342	1.448		7.9	20.0
Benzo(g,h,i)perylene	1.506	1.515		0.6	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_N Calibration Date/Time: 09/18/2025 14:32

Lab File ID: BN037776.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.497		-6.2	20.0
Fluoranthene-d10	1.004	0.839		-16.4	20.0
2-Fluorophenol	0.918	0.890		-3.0	20.0
Phenol-d6	1.191	1.130		-5.1	20.0
Nitrobenzene-d5	0.293	0.298		1.7	20.0
Naphthalene	1.093	1.070		-2.1	20.0
2-Fluorobiphenyl	1.673	1.679		0.4	20.0
Acenaphthylene	1.834	1.744		-4.9	20.0
Acenaphthene	1.240	1.206		-2.7	20.0
Fluorene	1.502	1.397		-7.0	20.0
2,4,6-Tribromophenol	0.104	0.114		9.6	20.0
Phenanthrene	1.259	1.222		-2.9	20.0
Anthracene	1.116	1.047		-6.2	20.0
Fluoranthene	1.381	1.201		-13.0	20.0
Pyrene	1.566	1.637		4.5	20.0
Terphenyl-d14	0.812	0.801		-1.4	20.0
Benzo(a)anthracene	1.395	1.328		-4.8	20.0
Chrysene	1.496	1.528		2.1	20.0
Benzo(b)fluoranthene	1.575	1.525		-3.2	20.0
Benzo(k)fluoranthene	1.606	1.612		0.4	20.0
Benzo(a)pyrene	1.261	1.241		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.681	1.837		9.3	20.0
Dibenzo(a,h)anthracene	1.342	1.463		9.0	20.0
Benzo(g,h,i)perylene	1.506	1.555		3.3	20.0

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3083

Instrument ID: BNA_N Calibration Date/Time: 09/19/2025 14:19

Lab File ID: BN037813.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.473		-10.8	20.0
Fluoranthene-d10	1.004	0.897		-10.7	20.0
2-Fluorophenol	0.918	0.947		3.2	20.0
Phenol-d6	1.191	1.079		-9.4	20.0
Nitrobenzene-d5	0.293	0.284		-3.1	20.0
Naphthalene	1.093	1.055		-3.5	20.0
2-Fluorobiphenyl	1.673	1.589		-5.0	20.0
Acenaphthylene	1.834	1.643		-10.4	20.0
Acenaphthene	1.240	1.149		-7.3	20.0
Fluorene	1.502	1.334		-11.2	20.0
2,4,6-Tribromophenol	0.104	0.121		16.3	20.0
Phenanthrene	1.259	1.201		-4.6	20.0
Anthracene	1.116	1.032		-7.5	20.0
Fluoranthene	1.381	1.286		-6.9	20.0
Pyrene	1.566	1.455		-7.1	20.0
Terphenyl-d14	0.812	0.730		-10.1	20.0
Benzo(a)anthracene	1.395	1.279		-8.3	20.0
Chrysene	1.496	1.448		-3.2	20.0
Benzo(b)fluoranthene	1.575	1.562		-0.8	20.0
Benzo(k)fluoranthene	1.606	1.543		-3.9	20.0
Benzo(a)pyrene	1.261	1.211		-4.0	20.0
Indeno(1,2,3-cd)pyrene	1.681	1.670		-0.7	20.0
Dibenzo(a,h)anthracene	1.342	1.263		-5.9	20.0
Benzo(g,h,i)perylene	1.506	1.486		-1.3	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037782.D
Acq On : 18 Sep 2025 18:12
Operator : RC/JU
Sample : Q3083-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3S

Quant Time: Sep 18 18:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

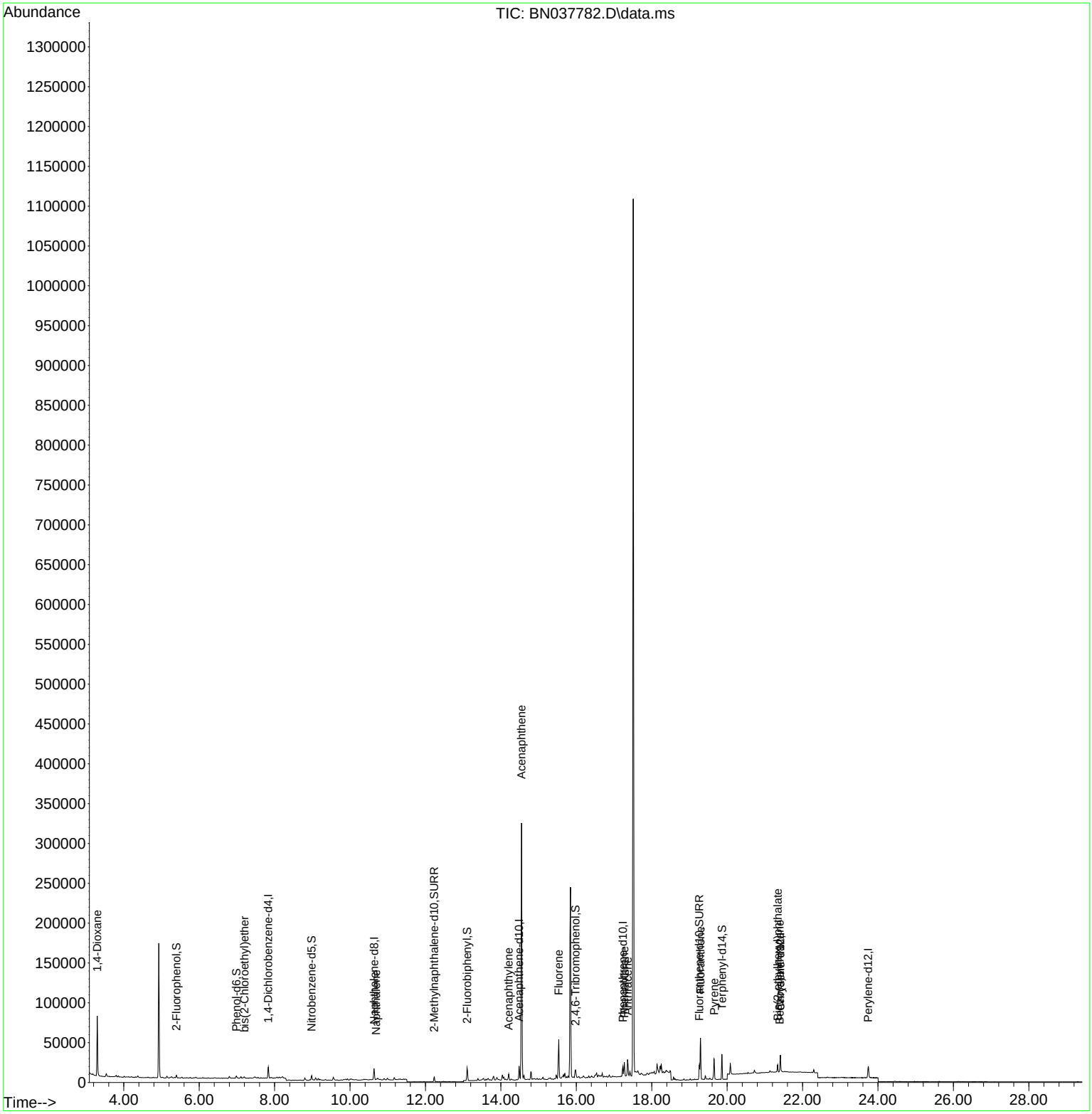
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	6579	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	17764	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8899	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	17415	0.400	ng		0.00
29) Chrysene-d12	21.411	240	17835	0.400	ng	#	0.00
35) Perylene-d12	23.741	264	19008	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2772	0.184	ng		0.00
5) Phenol-d6	6.988	99	2548	0.130	ng		0.00
8) Nitrobenzene-d5	8.982	82	4565	0.351	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8353	0.355	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	1646	0.709	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	13500	0.363	ng		-0.01
27) Fluoranthene-d10	19.262	212	19350	0.443	ng		0.00
31) Terphenyl-d14	19.861	244	28826	0.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	42725	6.235	ng		95
6) bis(2-Chloroethyl)ether	7.197	93	750	0.043	ng	#	37
9) Naphthalene	10.690	128	1060	0.022	ng	#	60
16) Acenaphthylene	14.206	152	1793	0.044	ng	#	41
17) Acenaphthene	14.548	154	152410	5.523	ng		97
18) Fluorene	15.535	166	33401	0.999	ng		93
25) Phenanthrene	17.273	178	17293	0.315	ng		96
26) Anthracene	17.360	178	23665	0.487	ng		97
28) Fluoranthene	19.294	202	46498	0.773	ng		99
30) Pyrene	19.657	202	24513	0.351	ng	#	90
32) Benzo(a)anthracene	21.393	228	1311	0.021	ng	#	53
34) Bis(2-ethylhexyl)phtha...	21.340	149	9051	0.491	ng		98

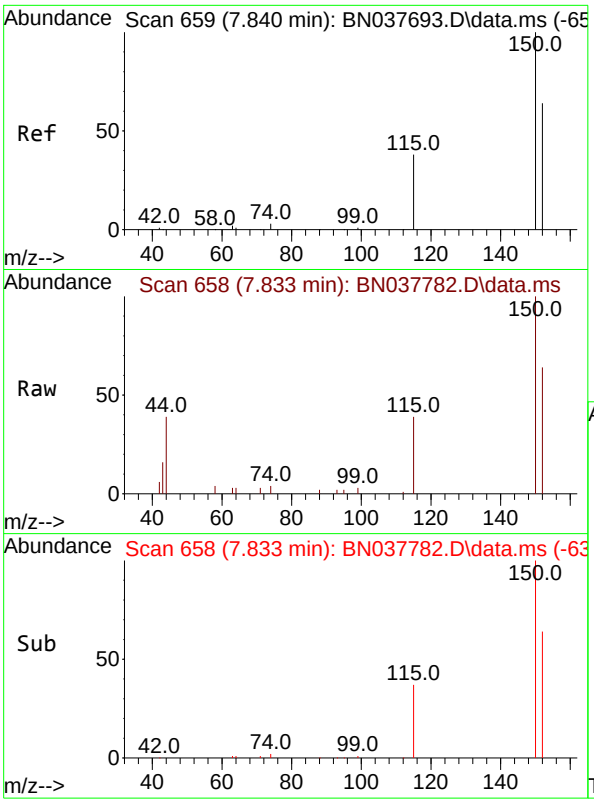
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037782.D
Acq On : 18 Sep 2025 18:12
Operator : RC/JU
Sample : Q3083-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3S

Quant Time: Sep 18 18:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



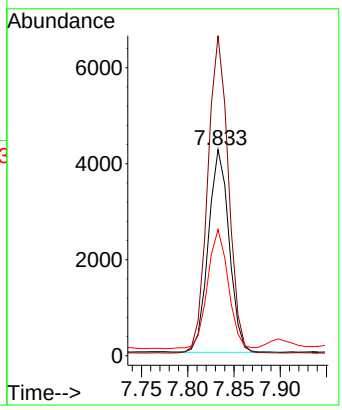


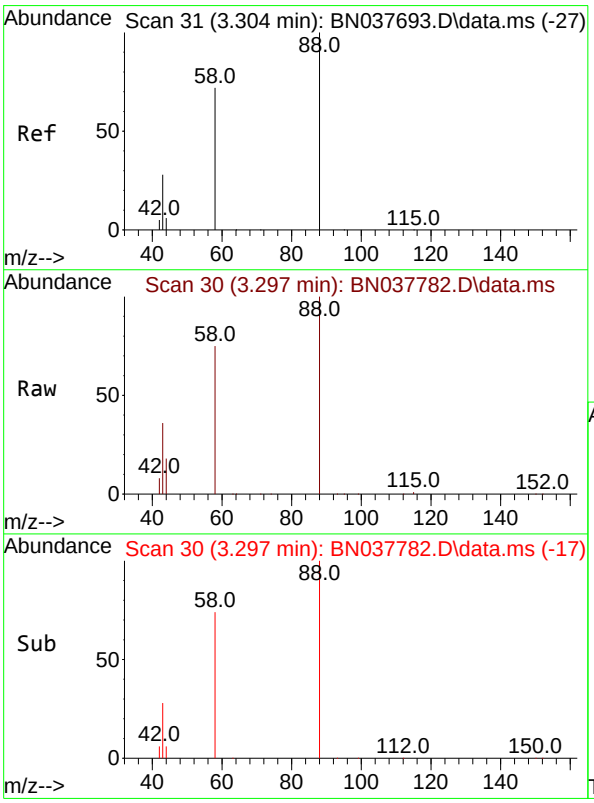
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 6579

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	61.2	49.2	73.8

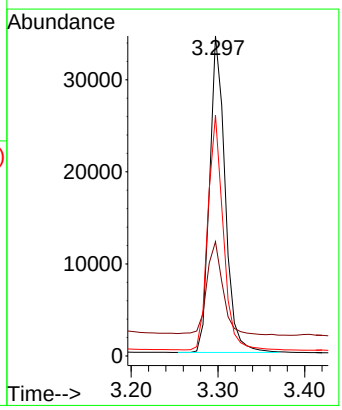


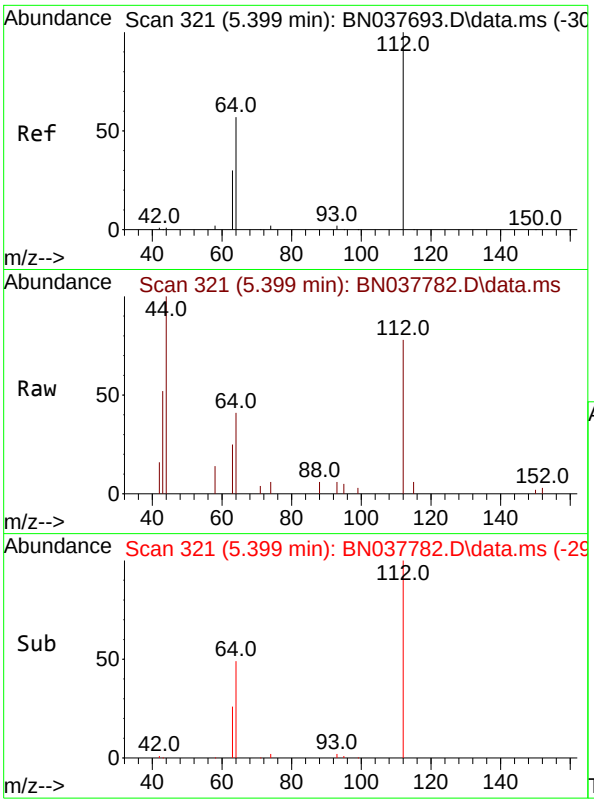


#2
1,4-Dioxane
Concen: 6.235 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 88 Resp: 42725

Ion	Ratio	Lower	Upper
88	100		
43	31.2	26.8	40.2
58	73.3	61.9	92.9



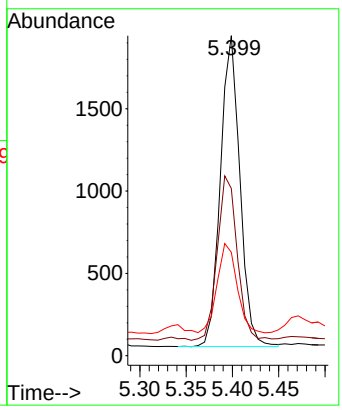


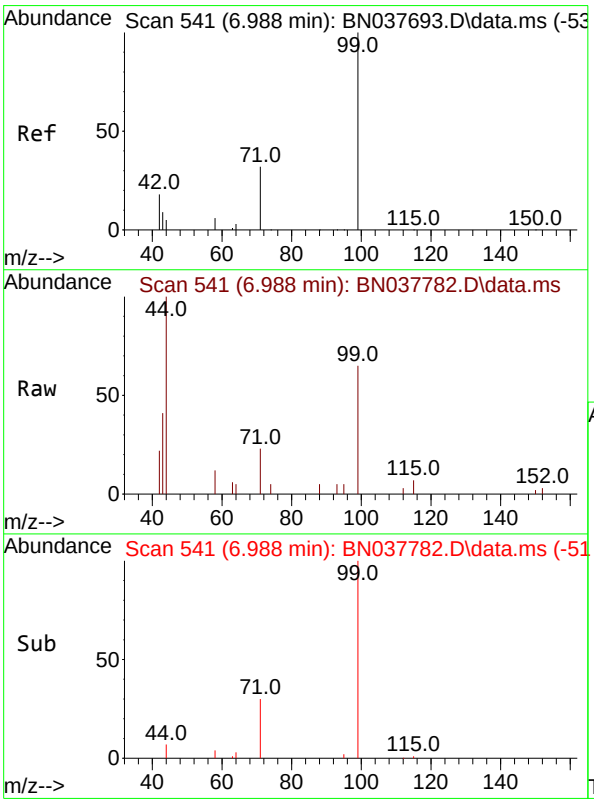
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.399 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:112 Resp: 2772

Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.9	67.3
63	29.8	24.7	37.1

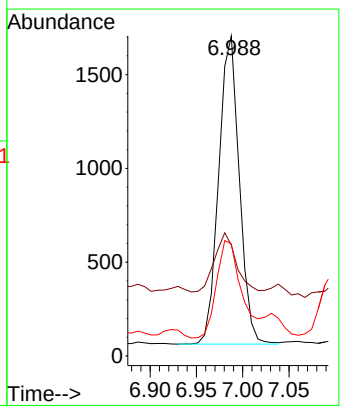


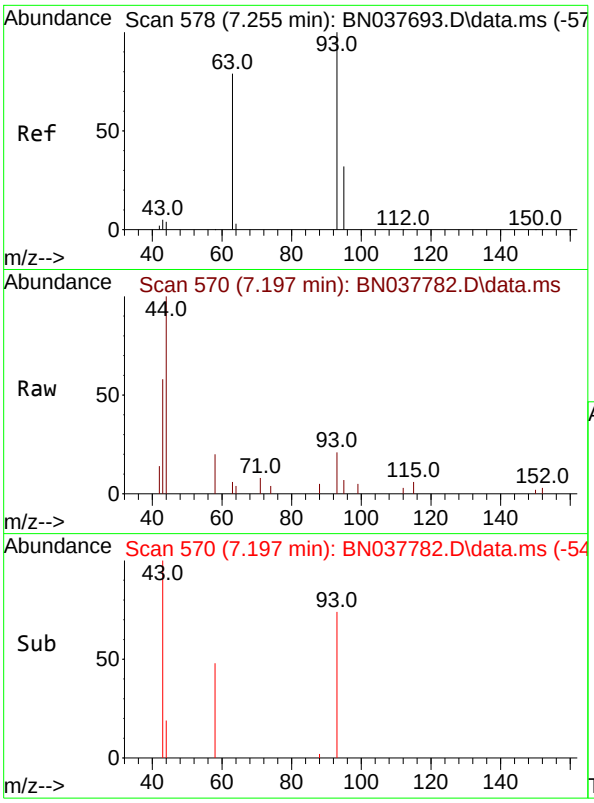


#5
Phenol-d6
Concen: 0.130 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 99 Resp: 2548

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	38.1	26.7	40.1



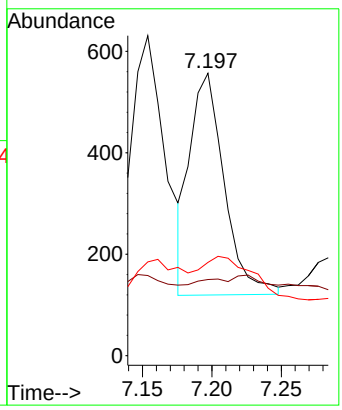


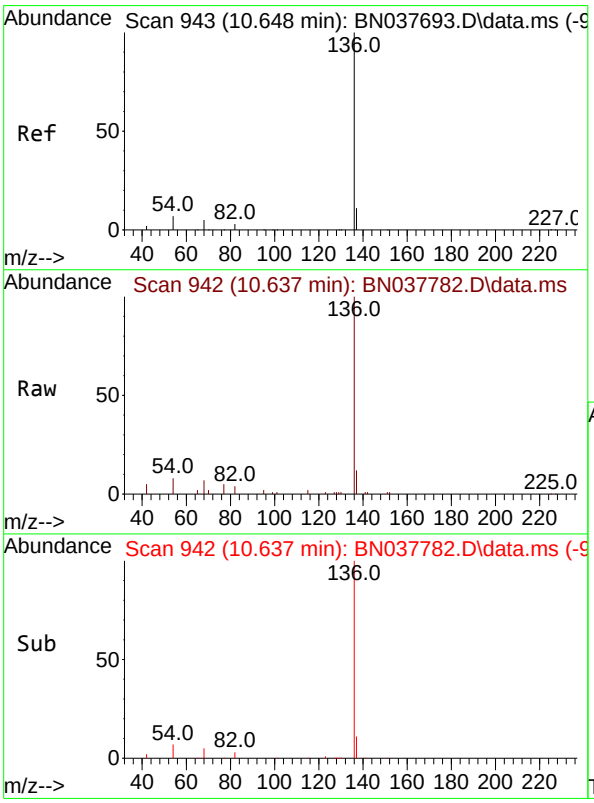
#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.197 min Scan# 5
Delta R.T. -0.058 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion: 93 Resp: 750

Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.6	90.8#
95	29.7	26.0	39.0

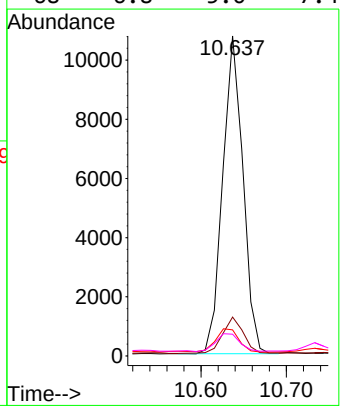


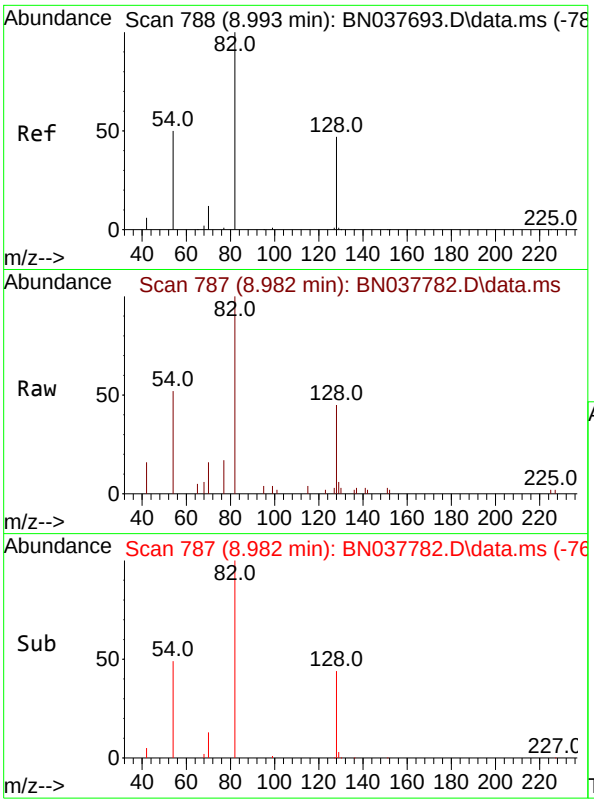


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:136 Resp: 17764

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	8.2	6.3	9.5
68	6.8	5.0	7.4



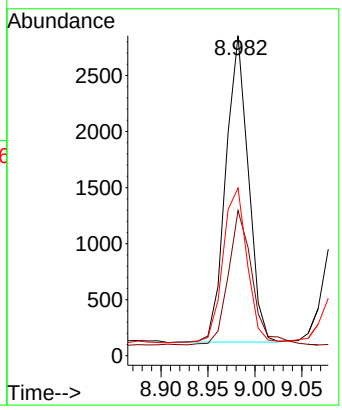


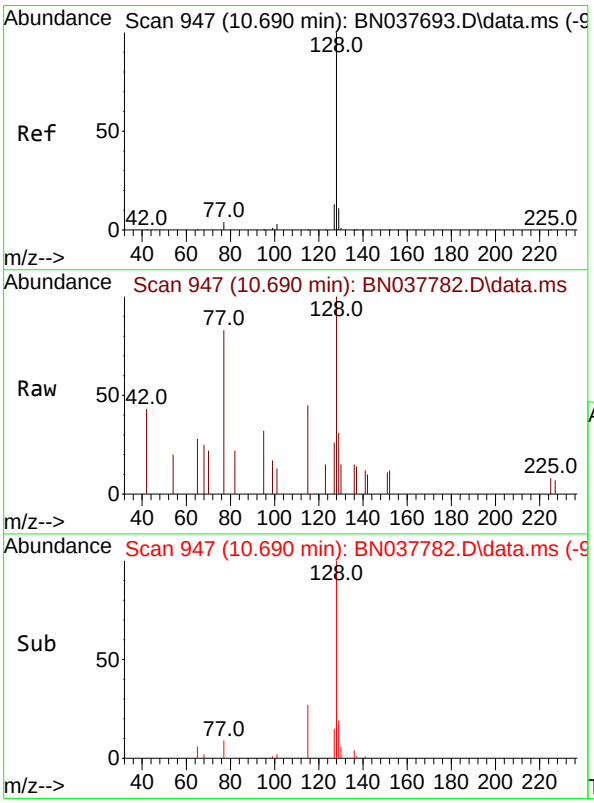
#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.982 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion: 82 Resp: 4565

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.3	57.5
54	52.4	41.4	62.2

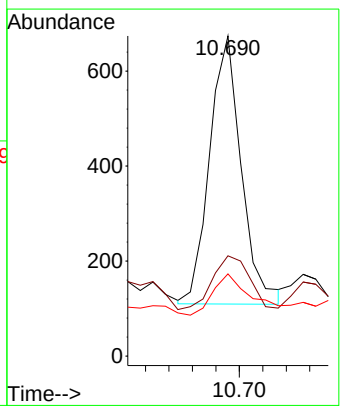


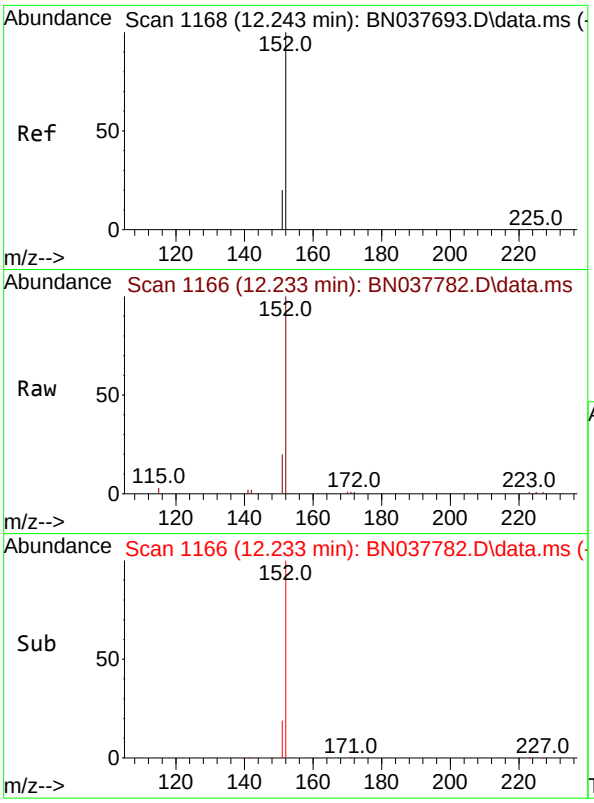


#9
Naphthalene
Concen: 0.022 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:128 Resp: 1060

Ion	Ratio	Lower	Upper
128	100		
129	31.3	9.1	13.7#
127	25.7	10.9	16.3#



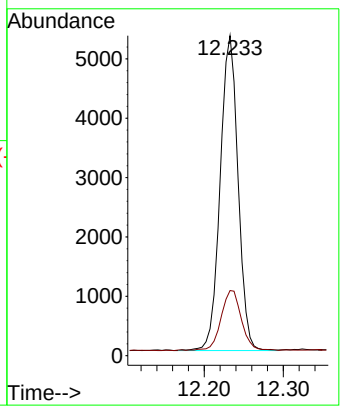


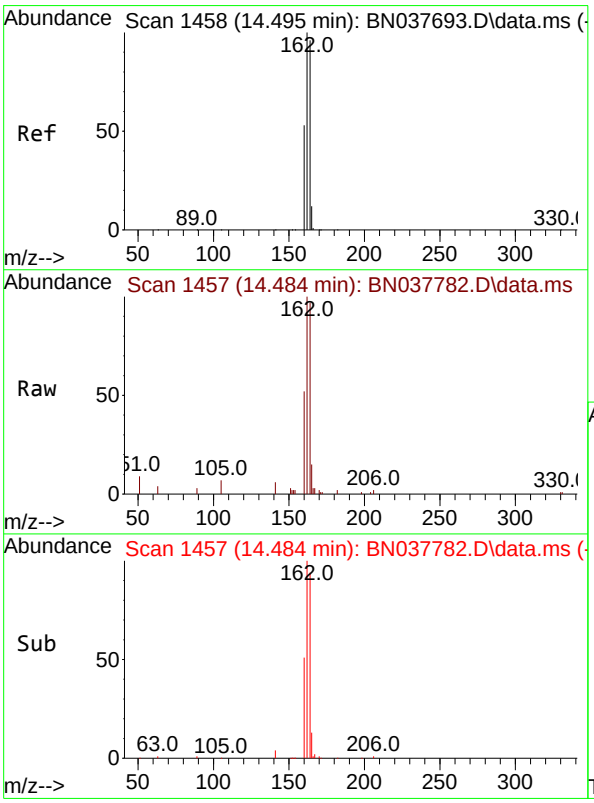
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 8353

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6

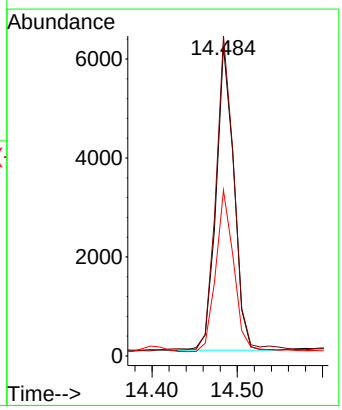


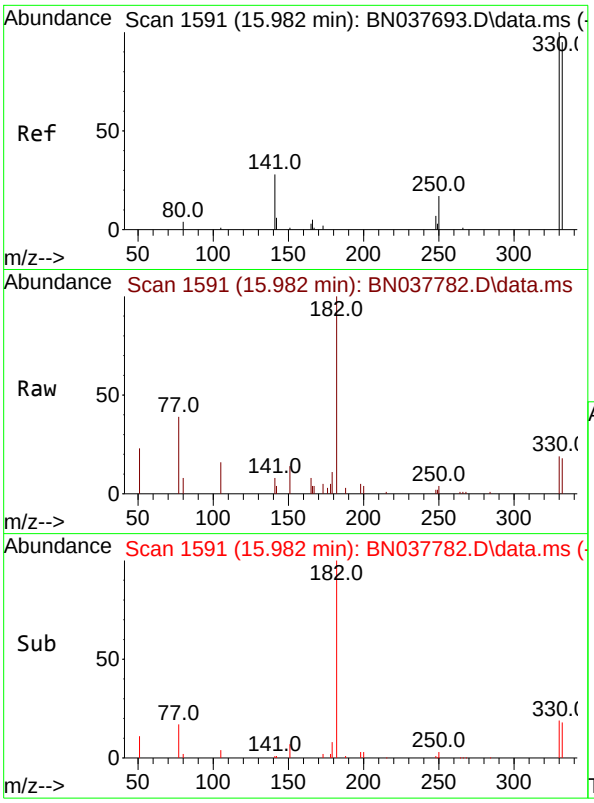


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:164 Resp: 8899

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	53.5	44.3	66.5



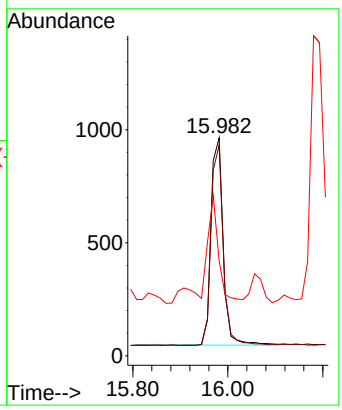


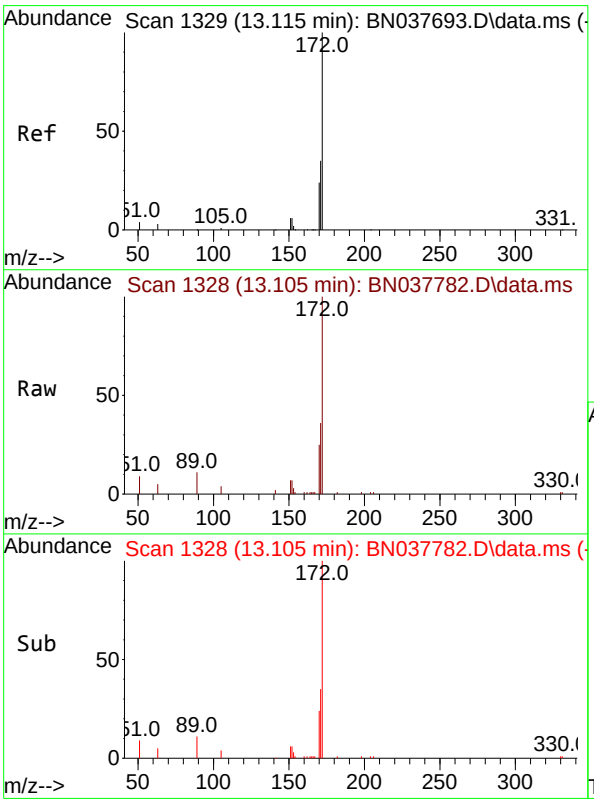
#14
2,4,6-Tribromophenol
Concen: 0.709 ng
RT: 15.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:330 Resp: 1646

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.3	112.9
141	47.2	35.0	52.4

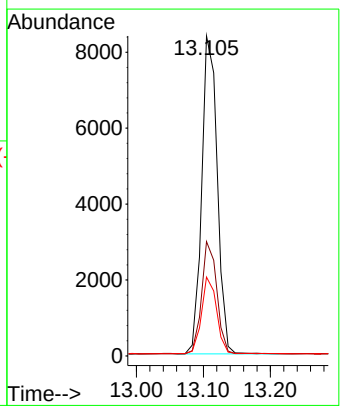


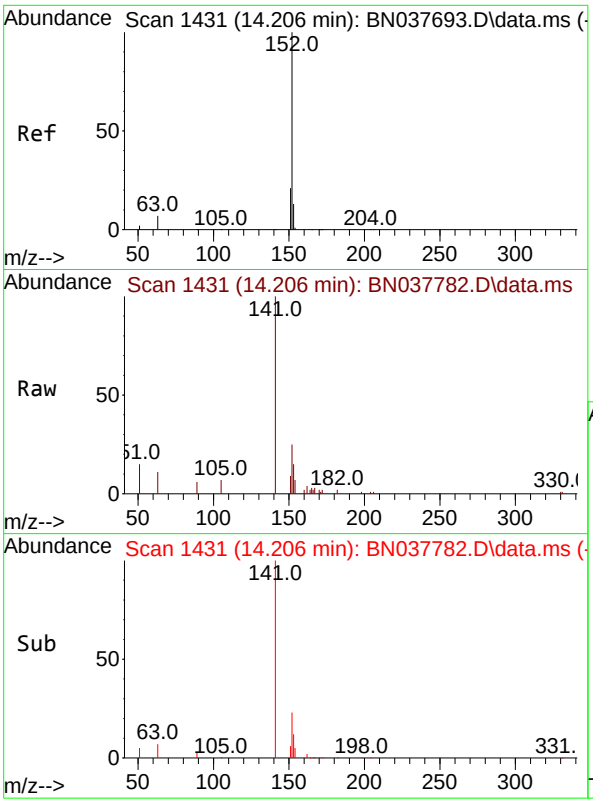


#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:172 Resp: 13500

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.7	19.8	29.8



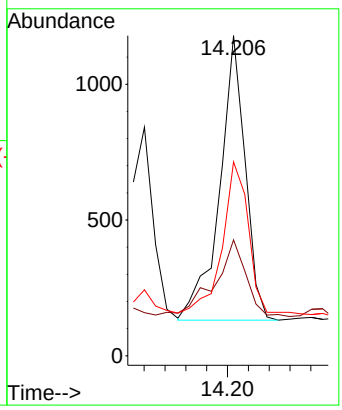


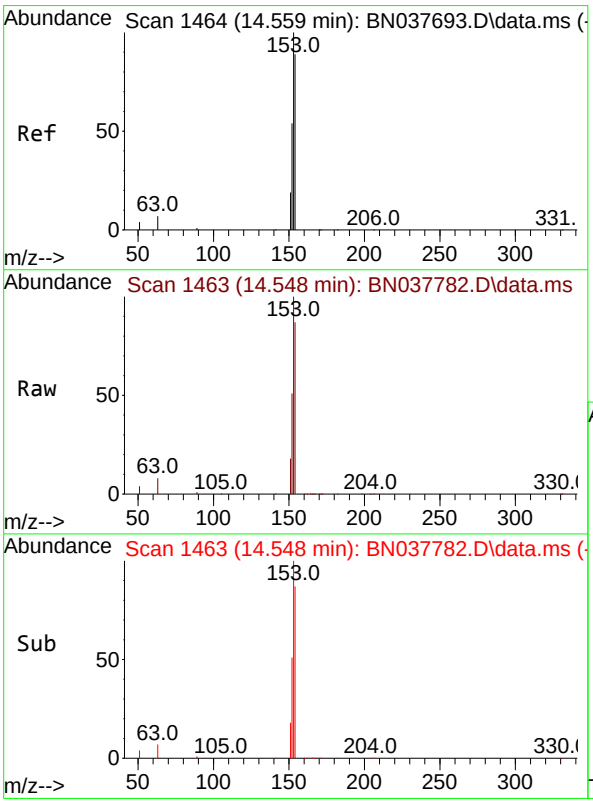
#16
Acenaphthylene
Concen: 0.044 ng
RT: 14.206 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:152 Resp: 1793

Ion	Ratio	Lower	Upper
152	100		
151	33.3	16.2	24.2#
153	55.0	10.4	15.6#

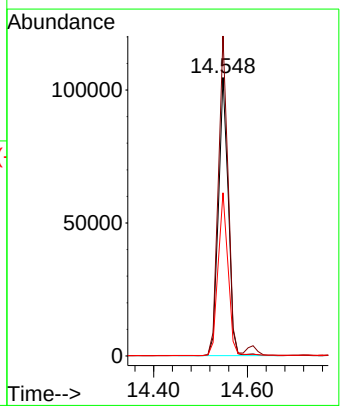


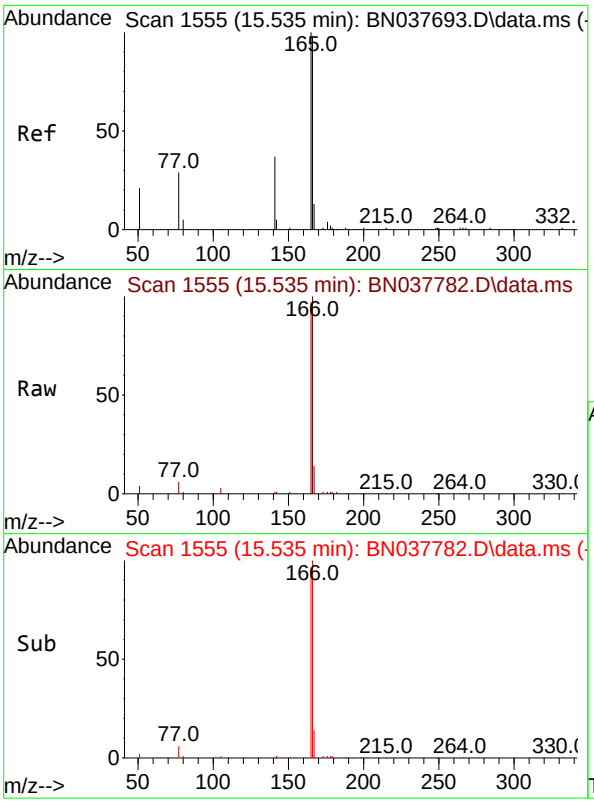


#17
Acenaphthene
Concen: 5.523 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:154 Resp: 152410

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.8
152	59.6	50.2	75.2



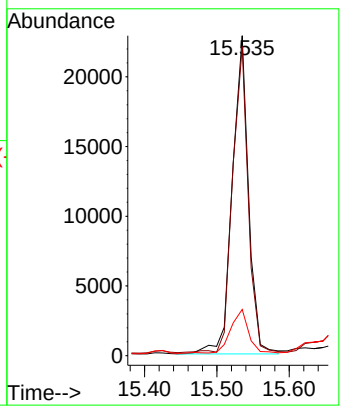


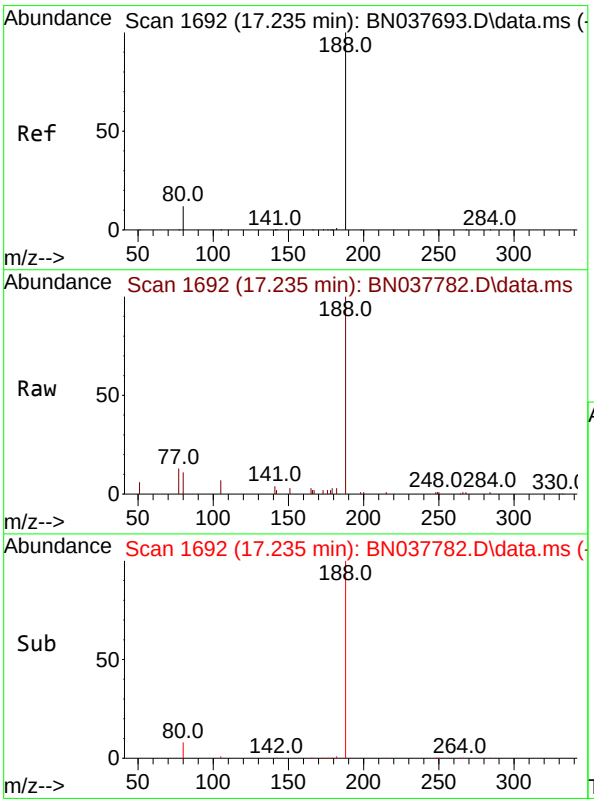
#18
Fluorene
Concen: 0.999 ng
RT: 15.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:166 Resp: 33401

Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.6	119.4
167	15.5	10.6	16.0

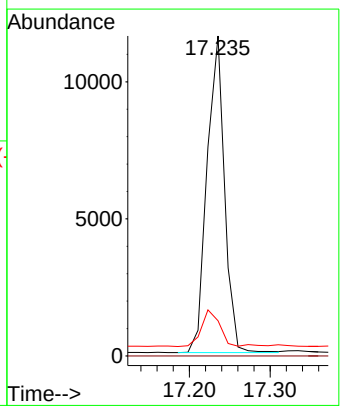


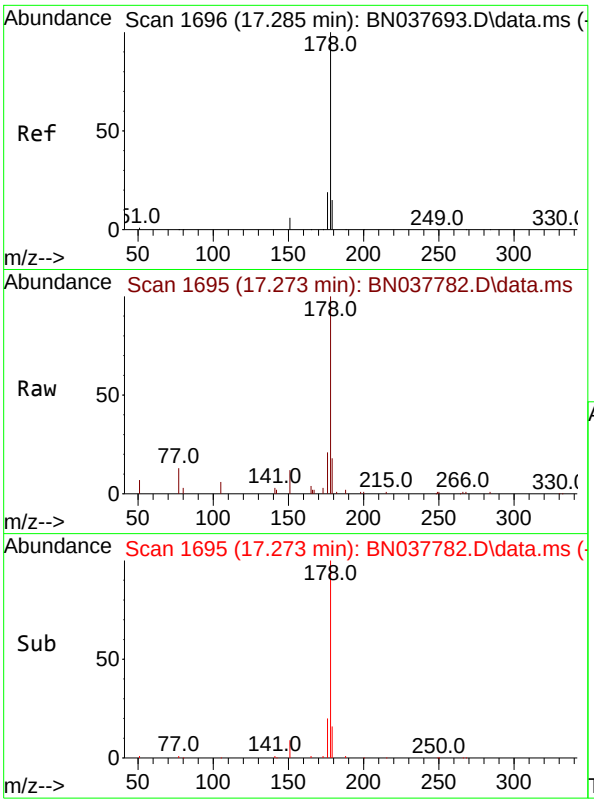


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:188 Resp: 17415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	10.6	15.8



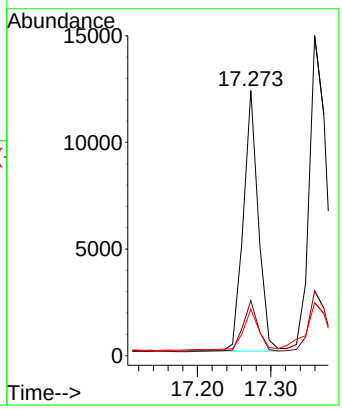


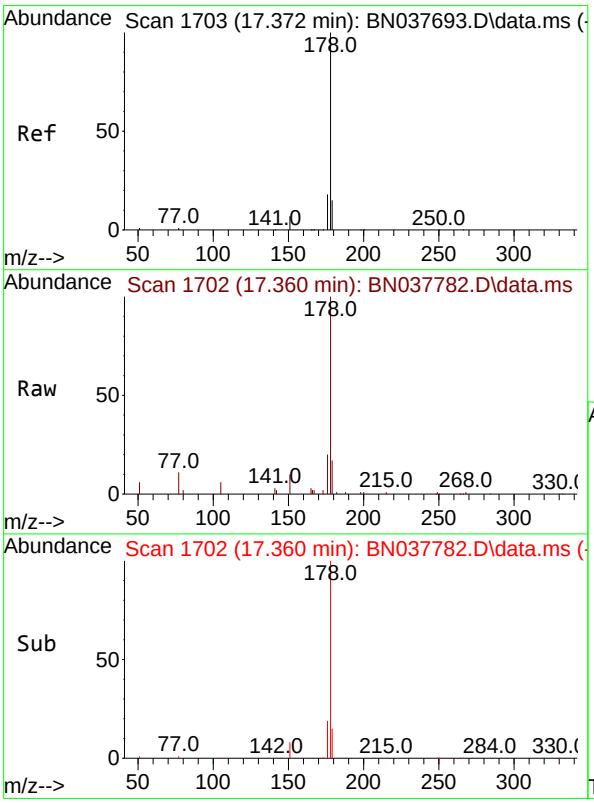
#25
Phenanthrene
Concen: 0.315 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:178 Resp: 17293

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	17.5	12.2	18.2

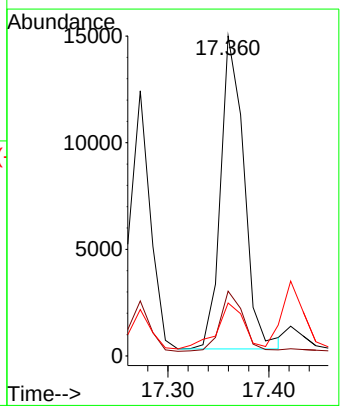


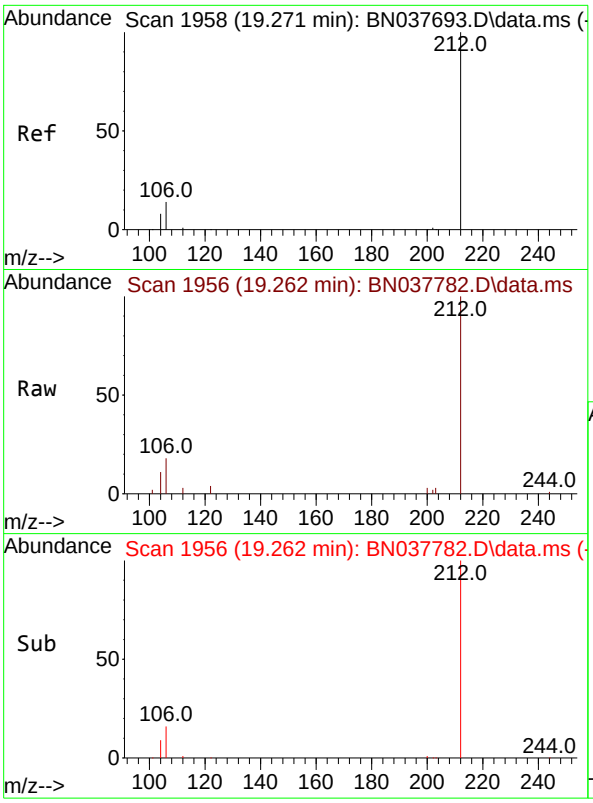


#26
Anthracene
Concen: 0.487 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:178 Resp: 23665

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	16.9	12.2	18.4



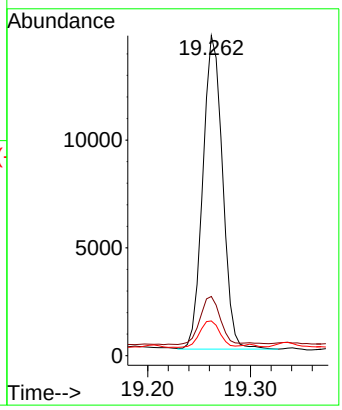


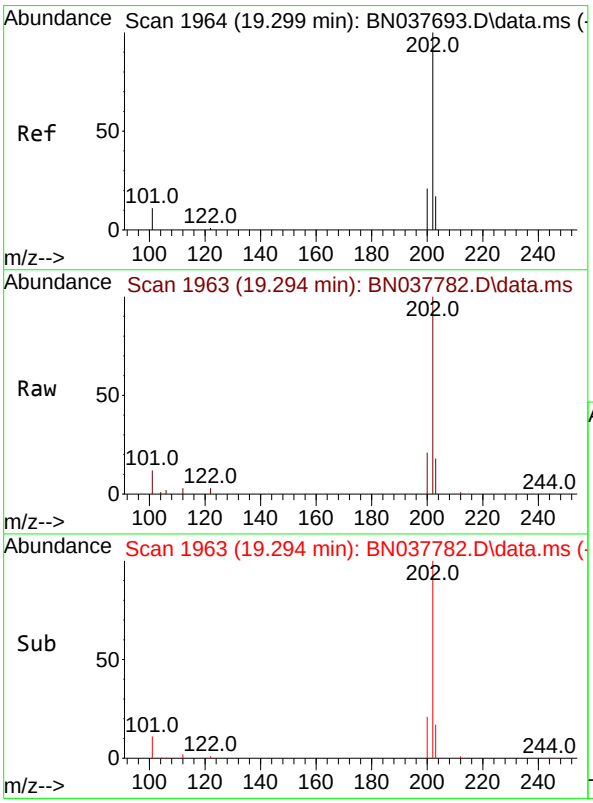
#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.262 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:212 Resp: 19350

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.2	18.2
104	8.8	6.9	10.3

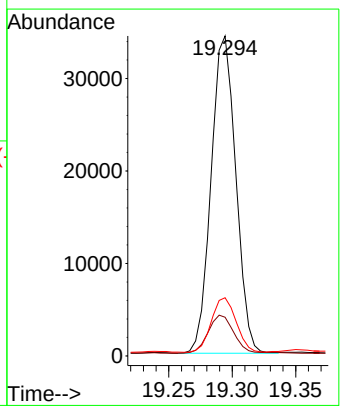


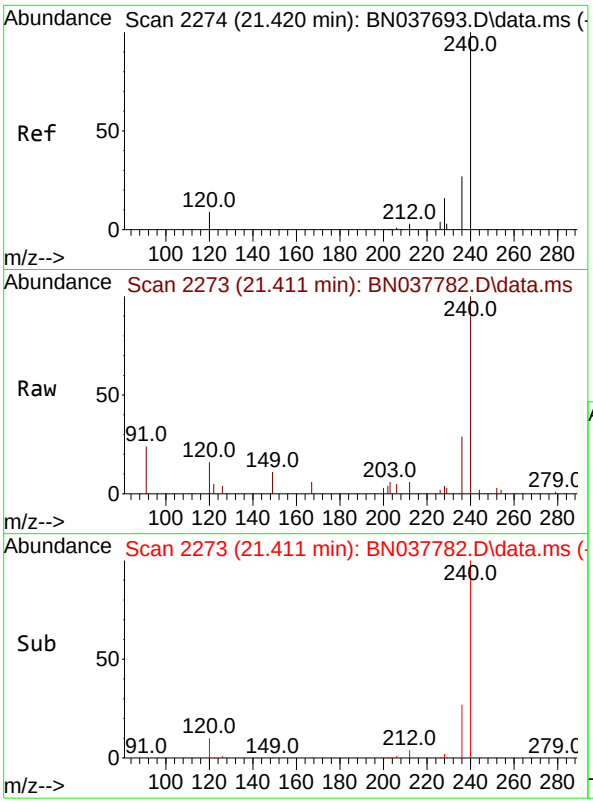


#28
Fluoranthene
Concen: 0.773 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:202 Resp: 46498

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.3	13.9
203	17.1	13.7	20.5



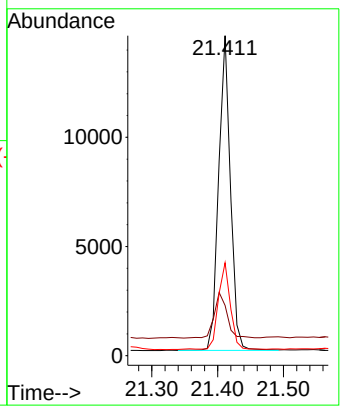


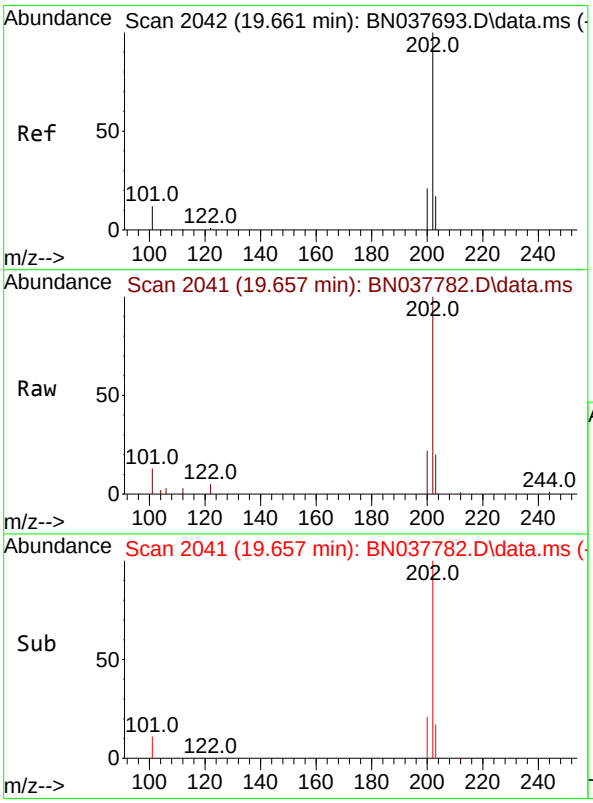
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:240 Resp: 17835

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.2	13.8#
236	29.1	22.6	33.8

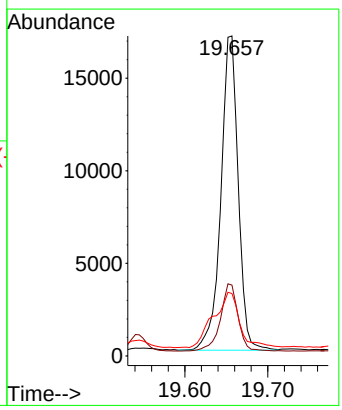


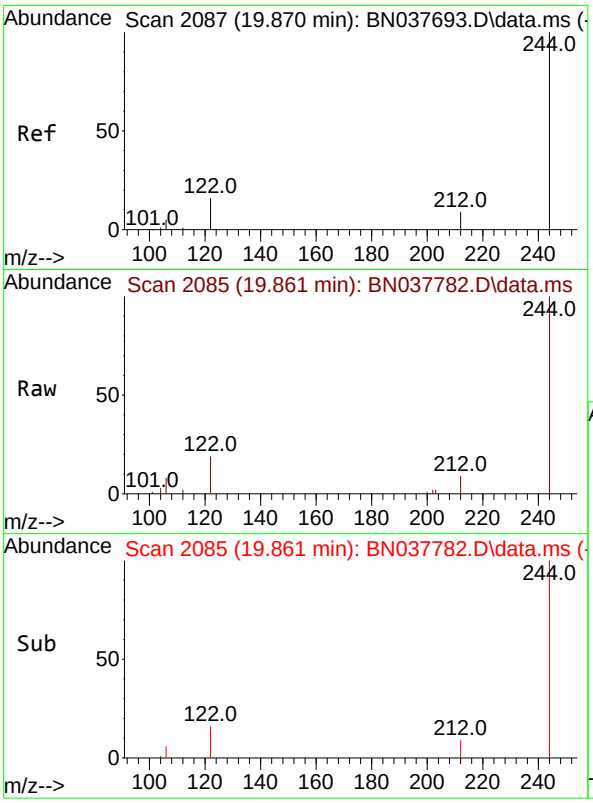


#30
Pyrene
Concen: 0.351 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:202 Resp: 24513

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.8	25.2
203	26.5	14.3	21.5#



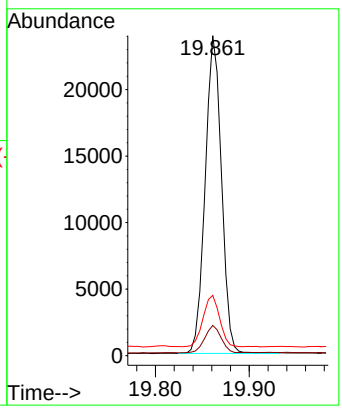


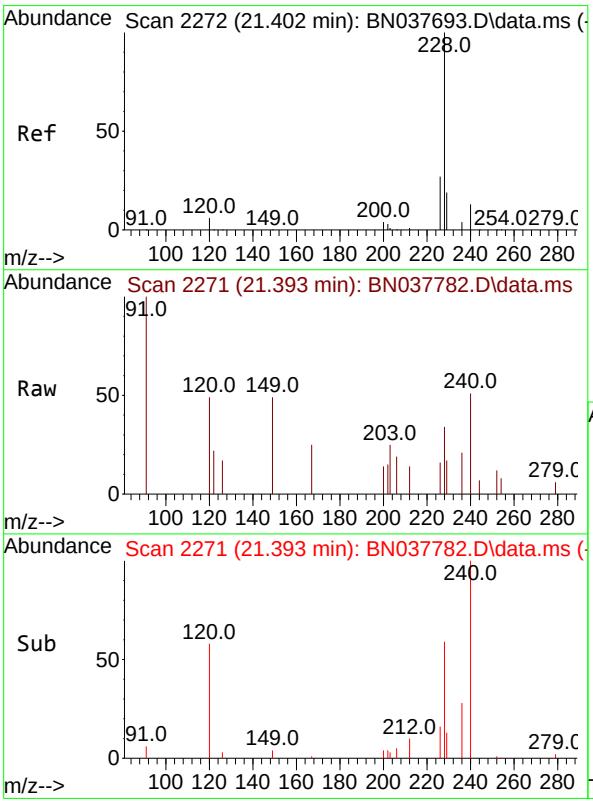
#31
Terphenyl-d14
Concen: 0.796 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:244 Resp: 28826

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	18.8	13.2	19.8

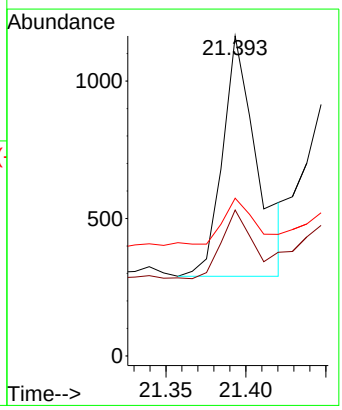


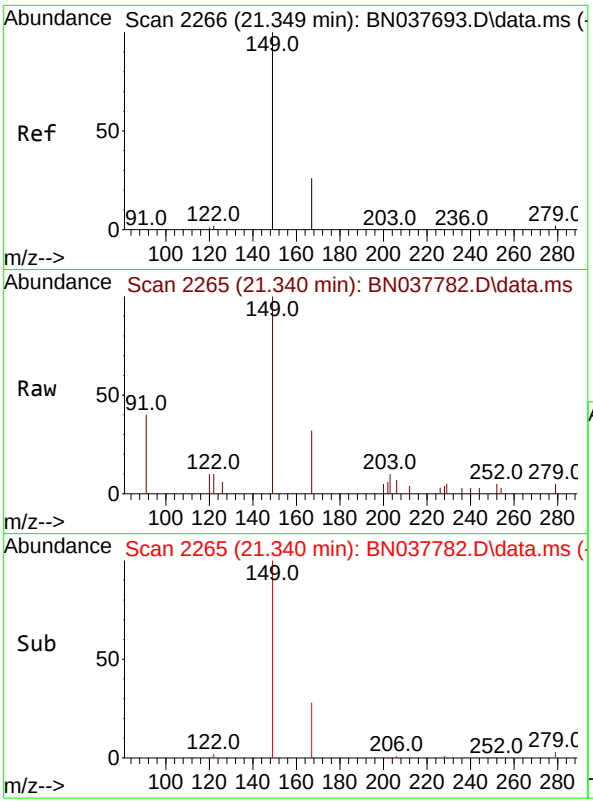


#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:228 Resp: 1311

Ion	Ratio	Lower	Upper
228	100		
226	45.6	22.2	33.2#
229	49.3	15.8	23.6#



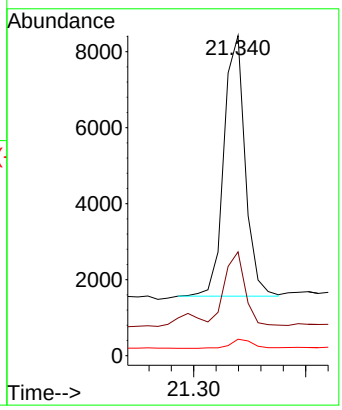


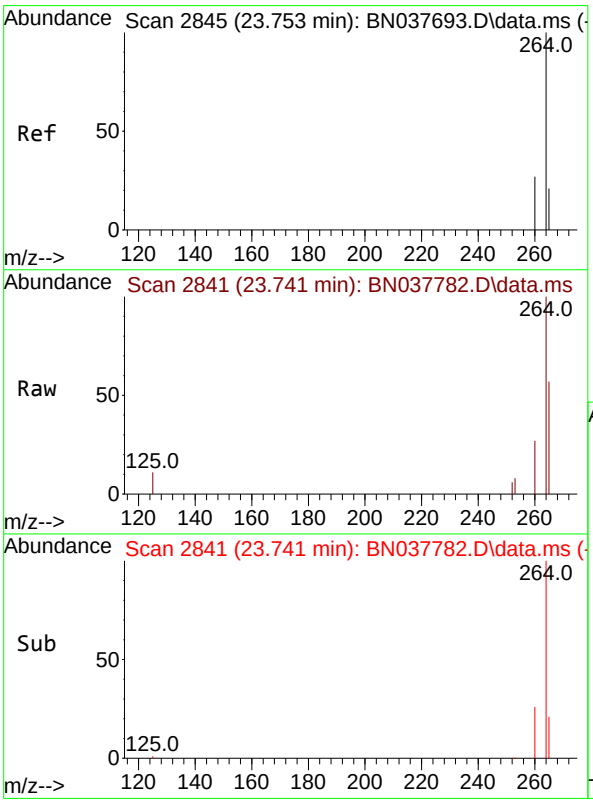
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.491 ng
RT: 21.340 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:149 Resp: 9051

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	3.7	3.3	4.9

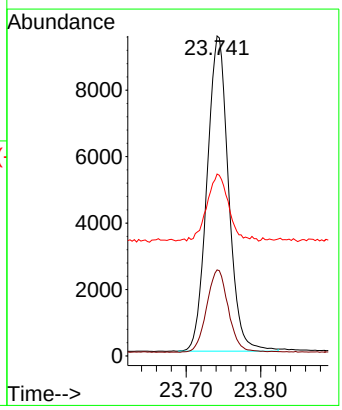




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:264 Resp: 19008

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	56.9	39.4	59.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037816.D
Acq On : 19 Sep 2025 16:08
Operator : RC/JU
Sample : Q3083-03DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Quant Time: Sep 19 16:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

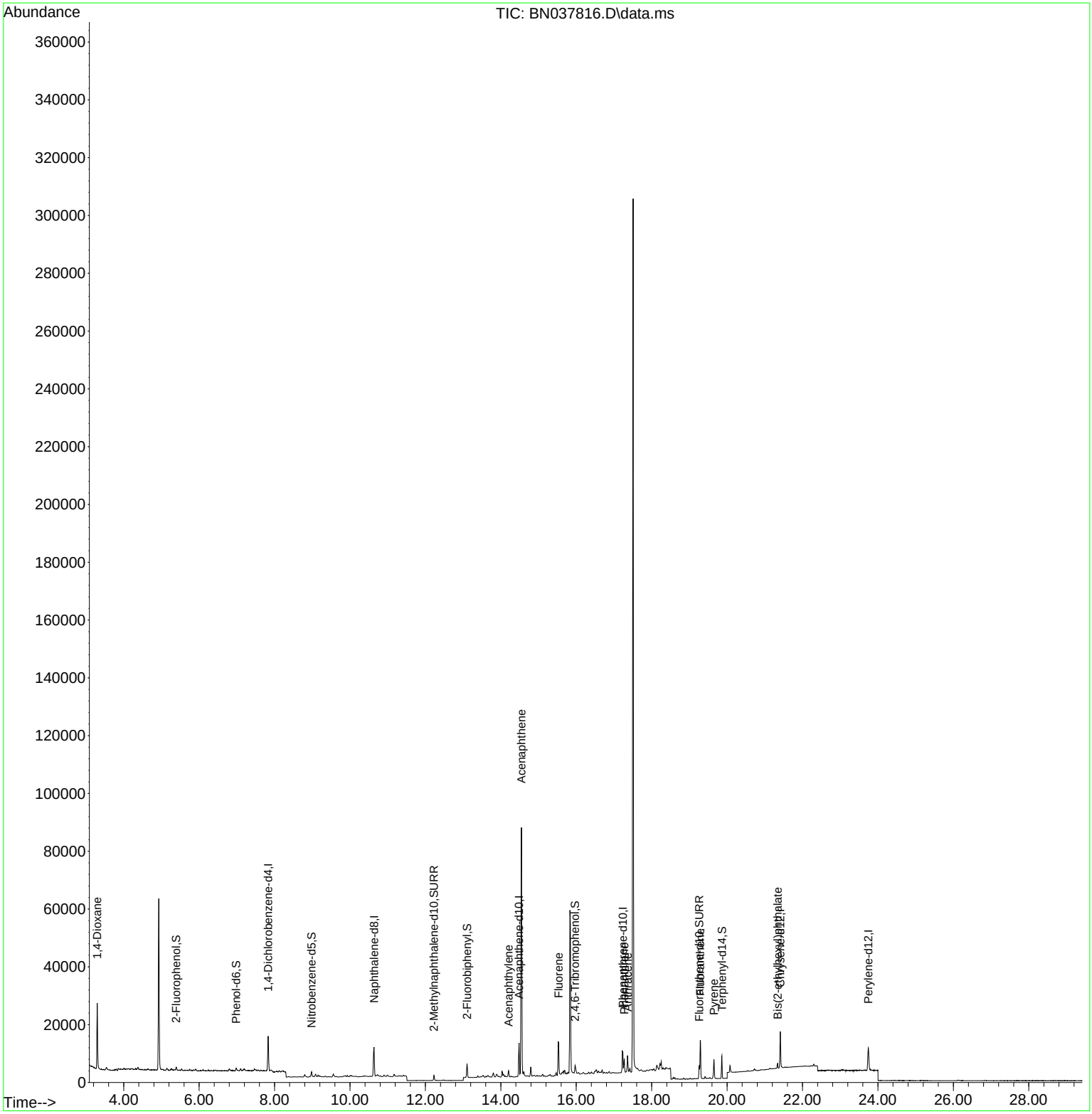
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	5937	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13519	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6156	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	11729	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10935	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	10906	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	957	0.070	ng	0.00
5) Phenol-d6	6.980	99	885	0.050	ng	0.00
8) Nitrobenzene-d5	8.982	82	1434	0.145	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	2367	0.132	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	384	0.239	ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	3833	0.149	ng	-0.01
27) Fluoranthene-d10	19.262	212	4881	0.166	ng	0.00
31) Terphenyl-d14	19.861	244	7221	0.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	13467	2.178	ng	97
16) Acenaphthylene	14.206	152	622	0.022	ng	# 52
17) Acenaphthene	14.548	154	42996	2.252	ng	98
18) Fluorene	15.535	166	8908	0.385	ng	96
25) Phenanthrene	17.272	178	4851	0.131	ng	96
26) Anthracene	17.359	178	6194	0.189	ng	98
28) Fluoranthene	19.289	202	11726	0.290	ng	99
30) Pyrene	19.652	202	6090	0.142	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.339	149	1849	0.164	ng	98

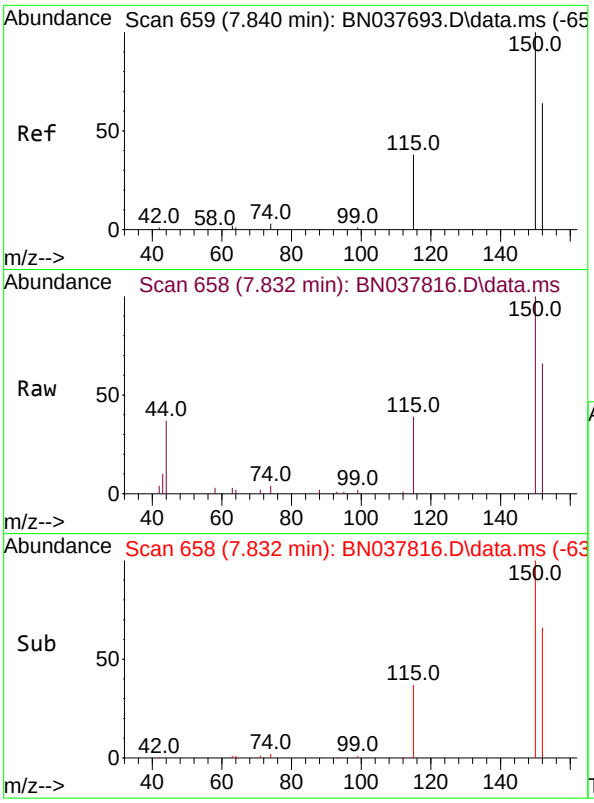
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037816.D
Acq On : 19 Sep 2025 16:08
Operator : RC/JU
Sample : Q3083-03DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Quant Time: Sep 19 16:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



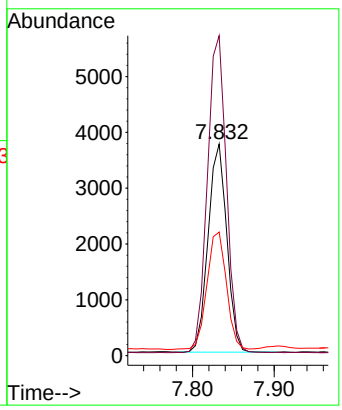


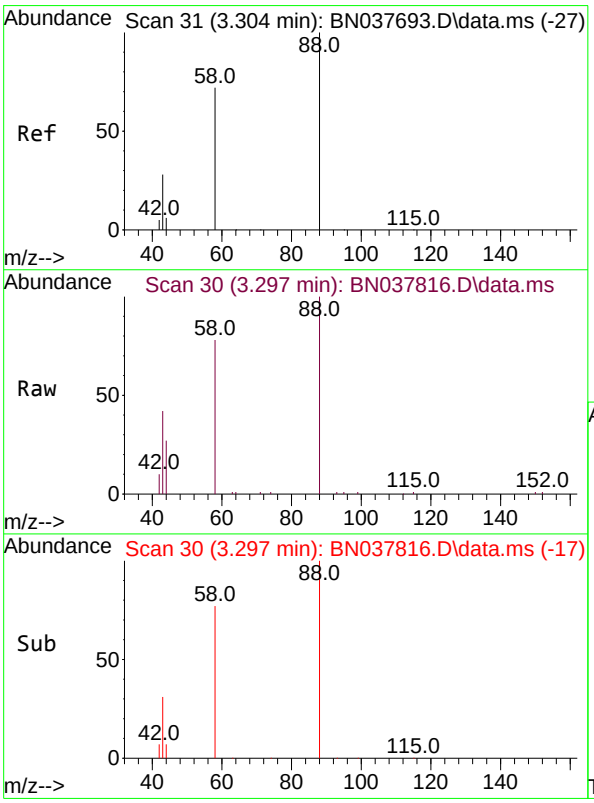
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:152 Resp: 5937

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.5	186.7
115	58.5	49.2	73.8

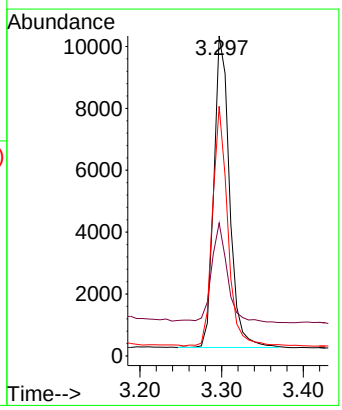


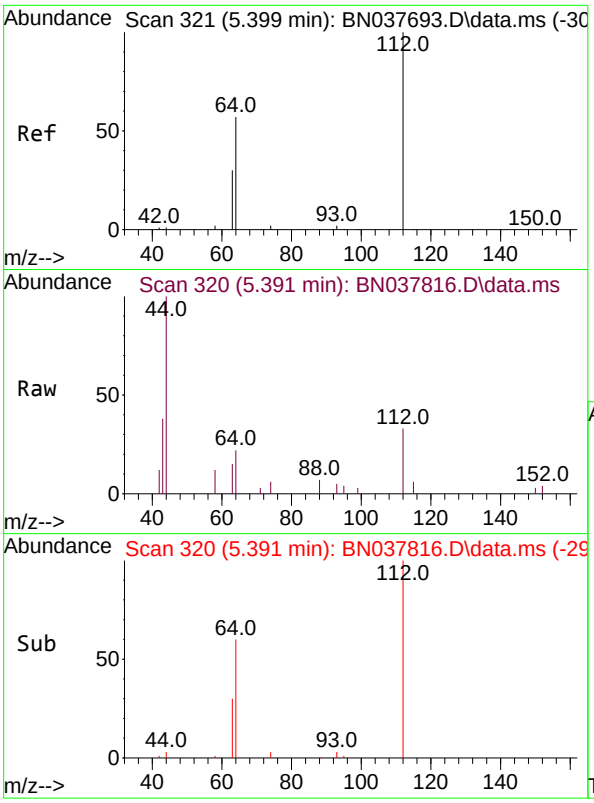


#2
1,4-Dioxane
Concen: 2.178 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 88 Resp: 13467

Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.8	40.2
58	74.2	61.9	92.9



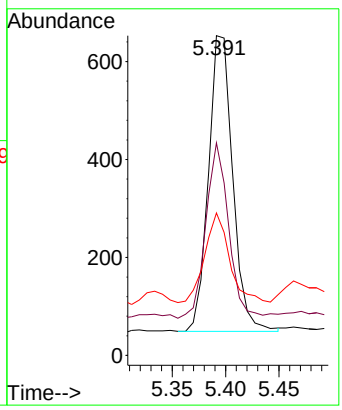


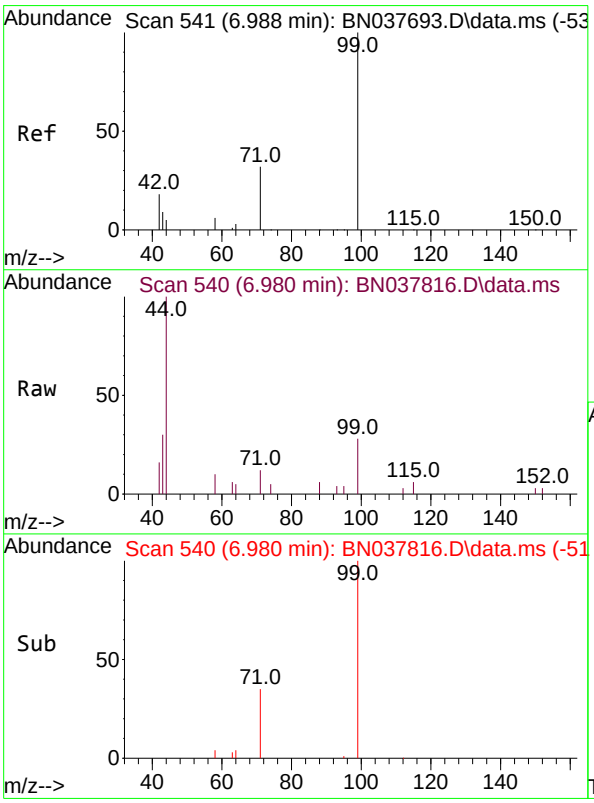
#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.391 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:112 Resp: 957

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.9	67.3
63	30.6	24.7	37.1

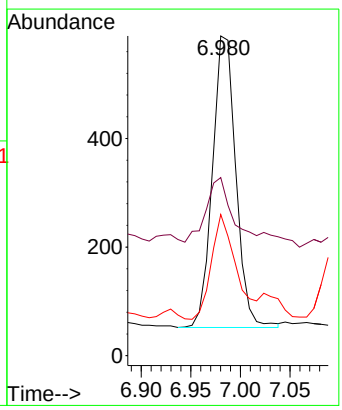


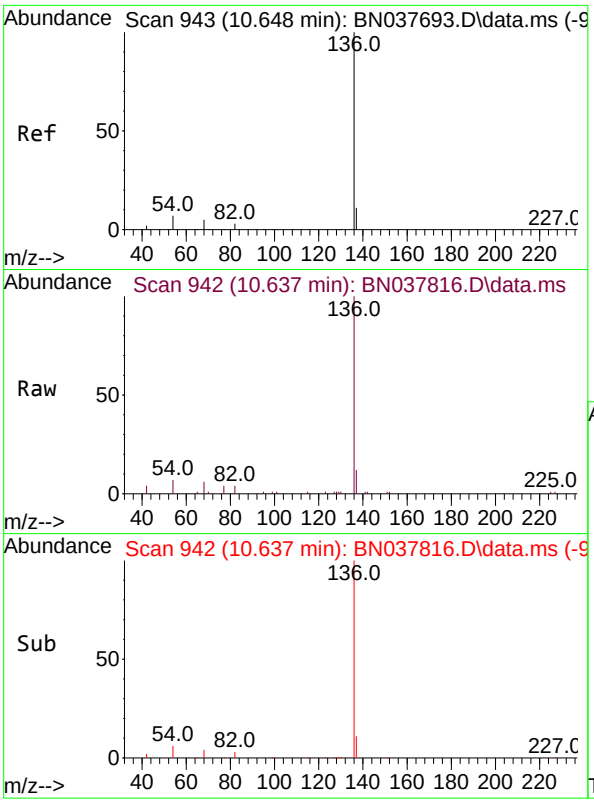


#5
Phenol-d6
Concen: 0.050 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 99 Resp: 885

Ion	Ratio	Lower	Upper
99	100		
42	32.8	16.6	24.8#
71	37.9	26.7	40.1



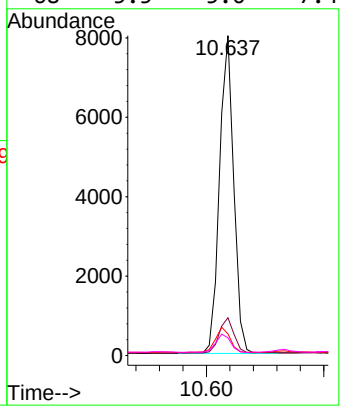


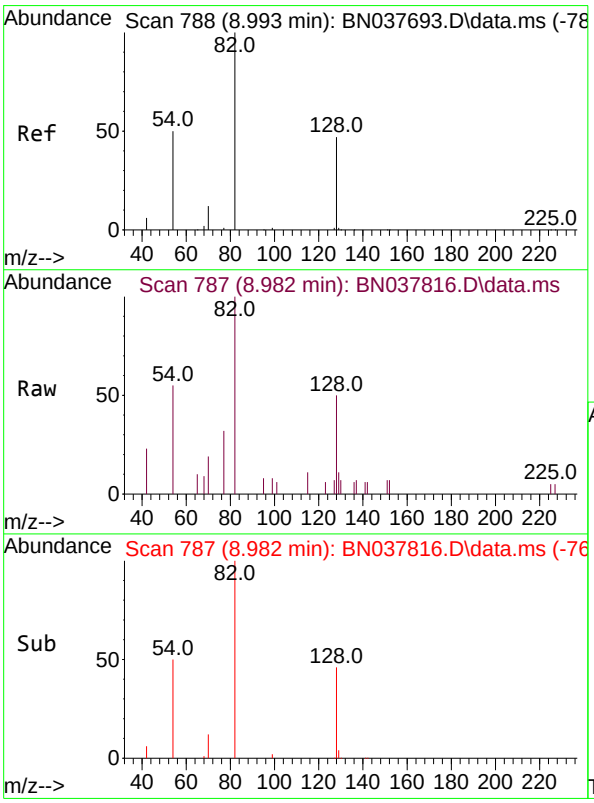
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:136 Resp: 13519

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	6.8	6.3	9.5
68	5.5	5.0	7.4

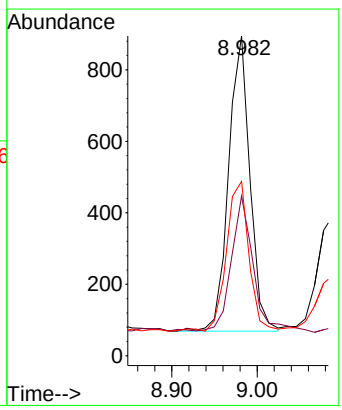


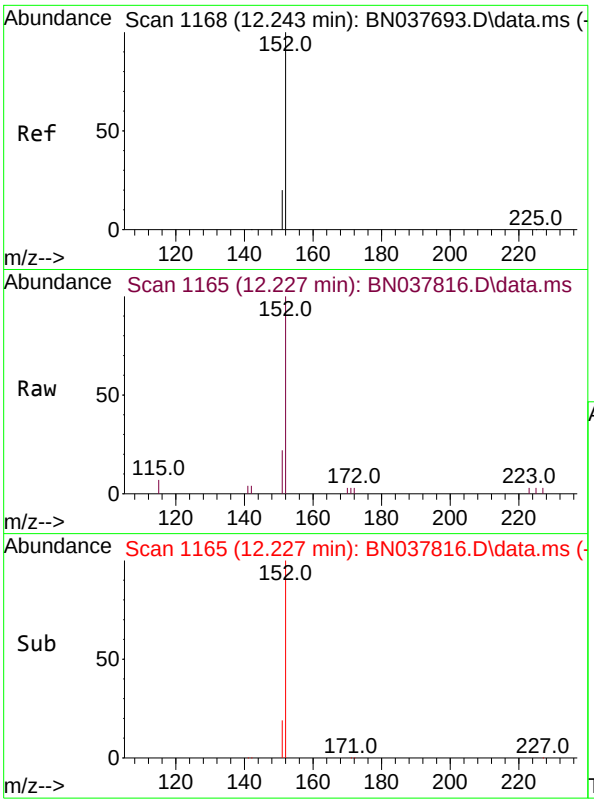


#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 82 Resp: 1434

Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.3	57.5
54	54.5	41.4	62.2



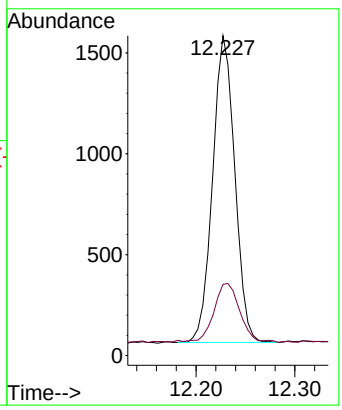


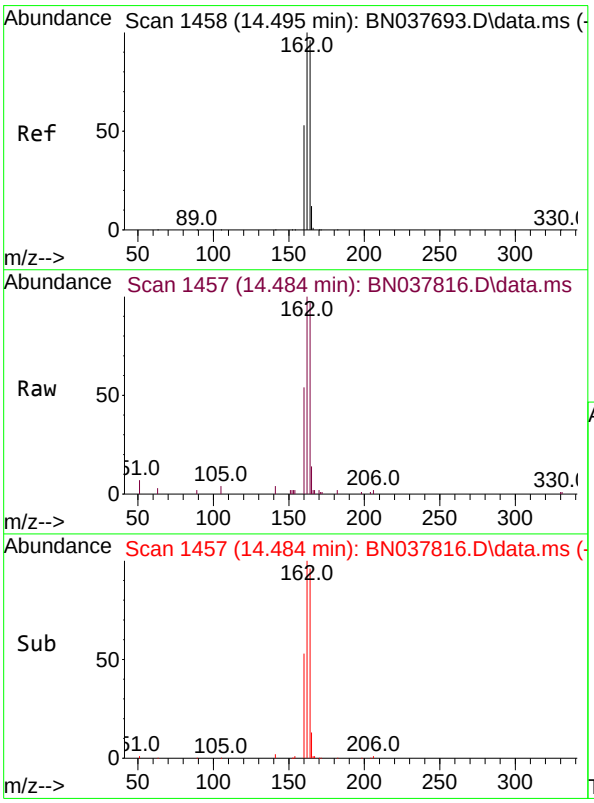
#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.227 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:152 Resp: 2367

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.6

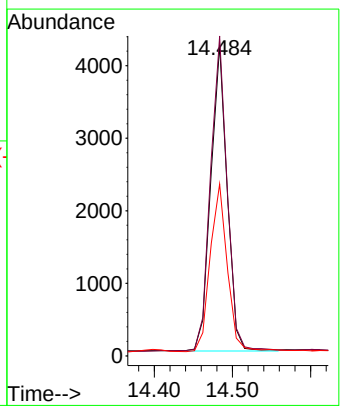


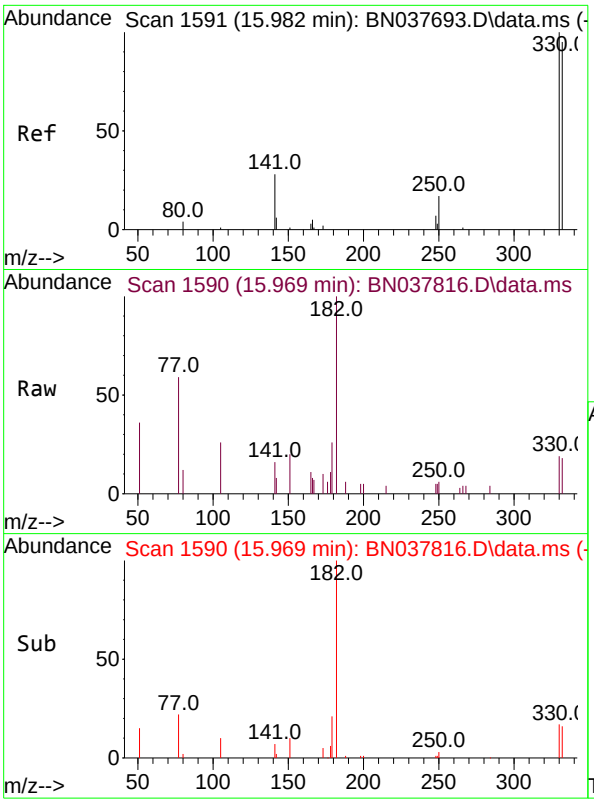


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:164 Resp: 6156

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	55.4	44.3	66.5



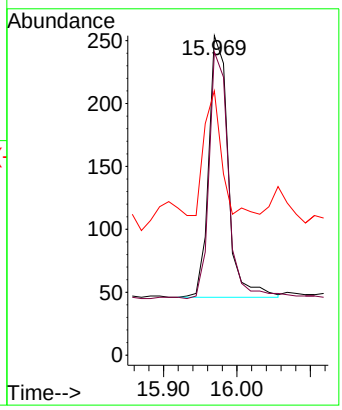


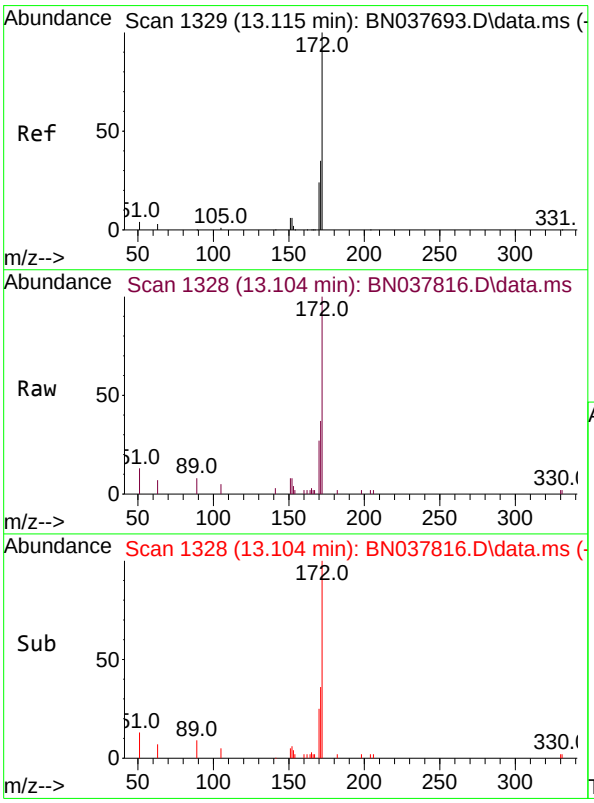
#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.969 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:330 Resp: 384

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.3	112.9
141	54.4	35.0	52.4#

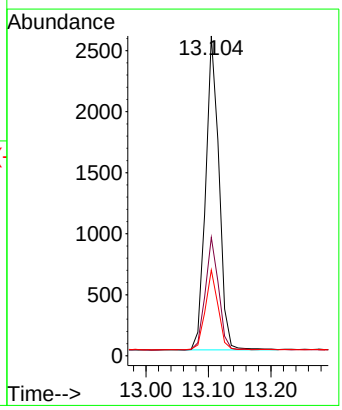


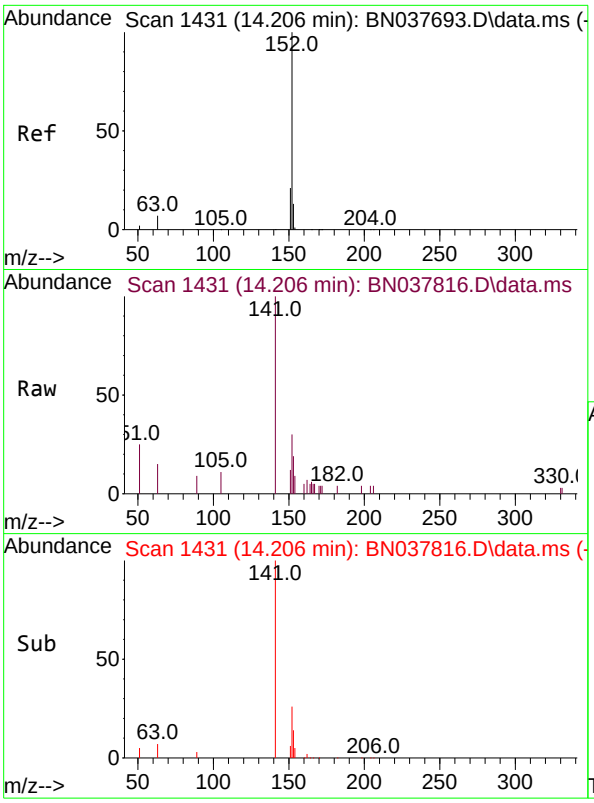


#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 13.104 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:172 Resp: 3833

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	26.8	19.8	29.8



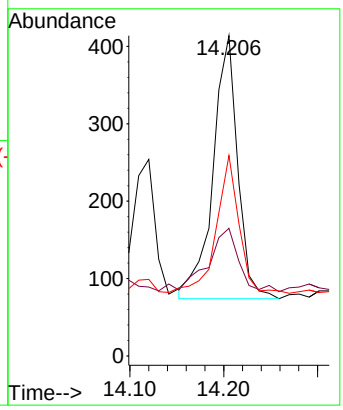


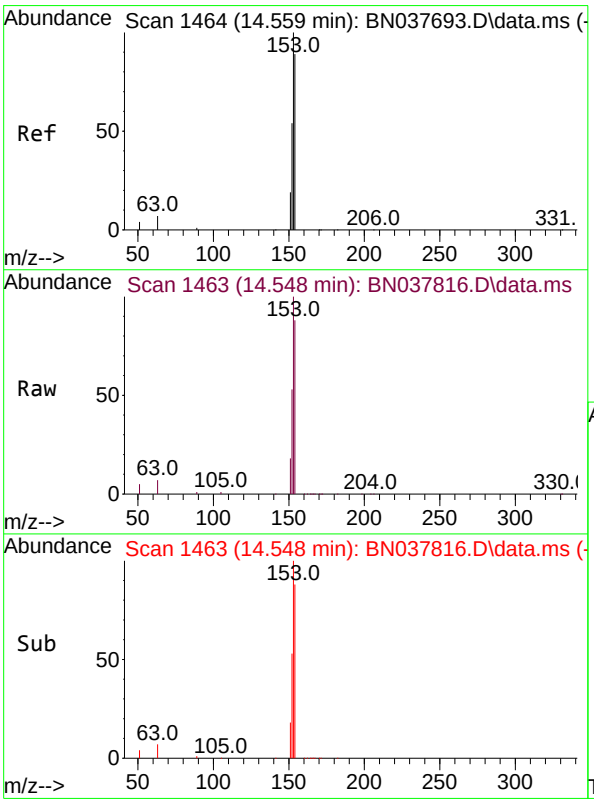
#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.206 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:152 Resp: 622

Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.2	24.2#
153	47.9	10.4	15.6#

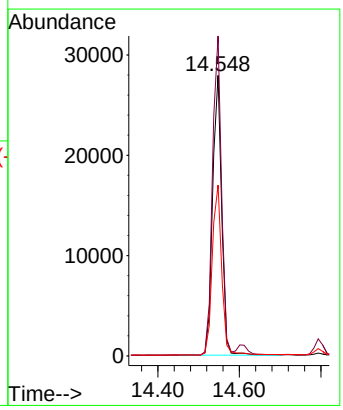


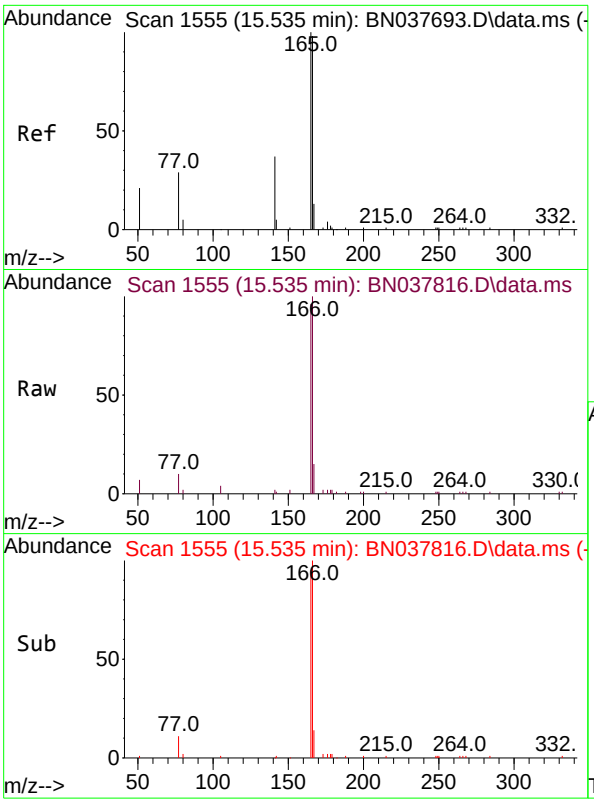


#17
Acenaphthene
Concen: 2.252 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:154 Resp: 42996

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.8	134.8
152	63.6	50.2	75.2



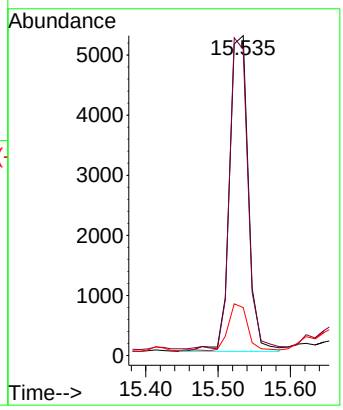


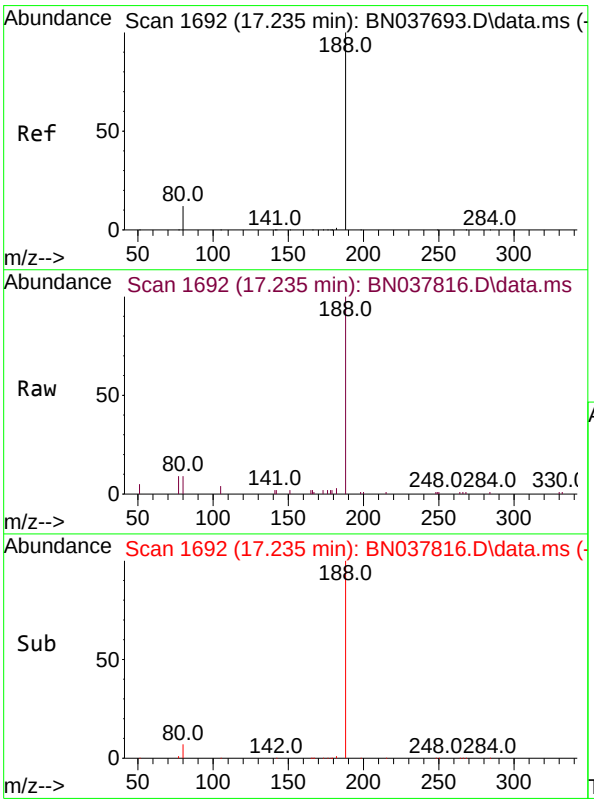
#18
Fluorene
Concen: 0.385 ng
RT: 15.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:166 Resp: 8908

Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.6	119.4
167	15.8	10.6	16.0

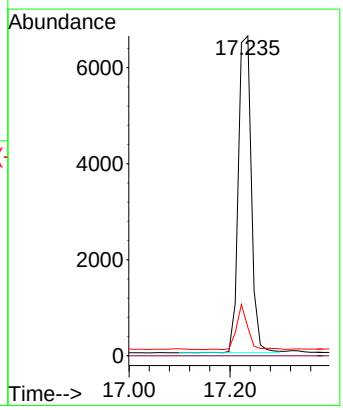


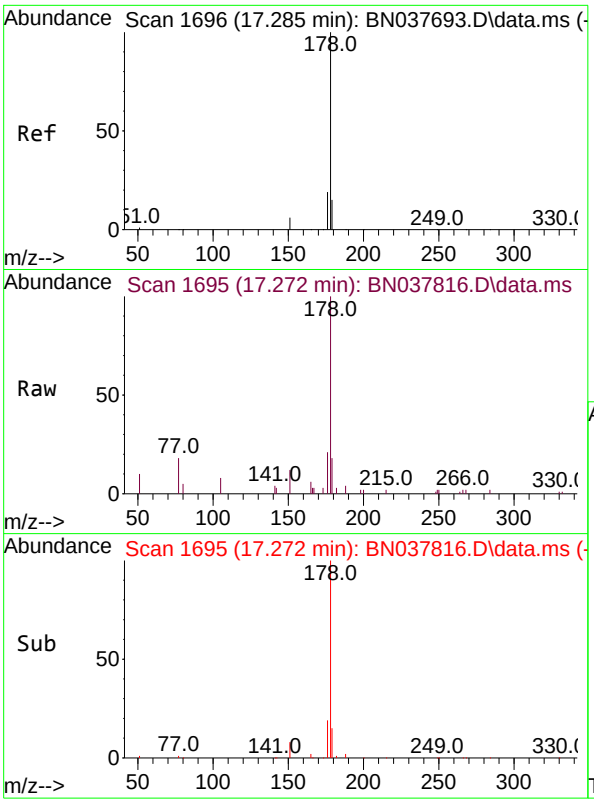


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:188 Resp: 11729

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	10.6	15.8#



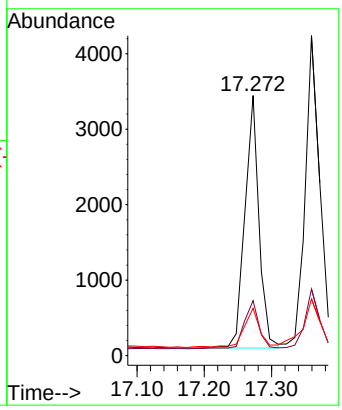


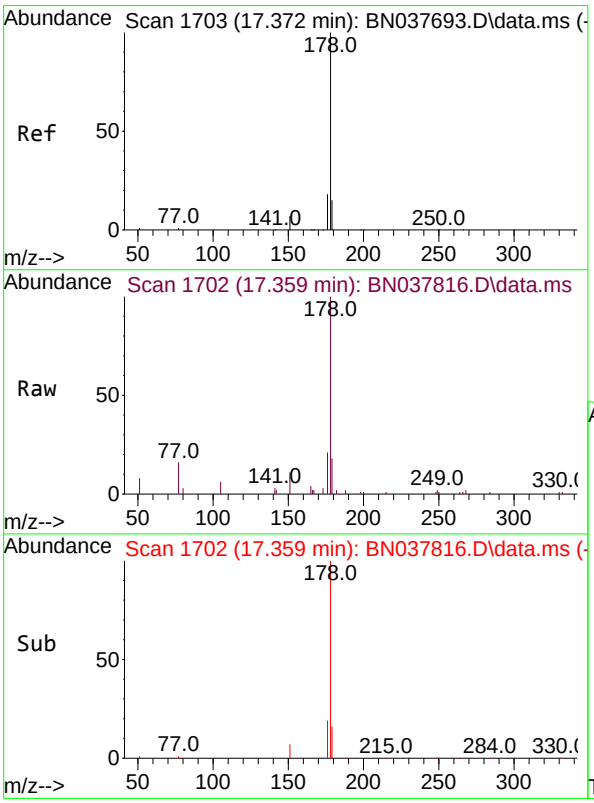
#25
Phenanthrene
Concen: 0.131 ng
RT: 17.272 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:178 Resp: 4851

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	18.0	12.2	18.2

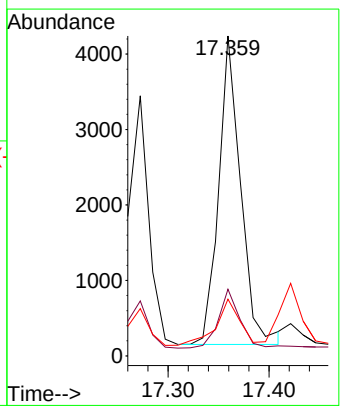


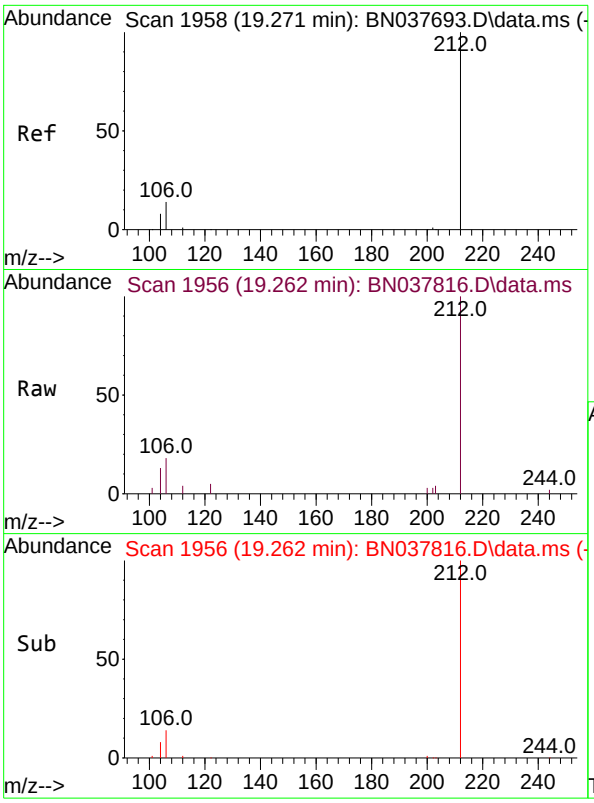


#26
Anthracene
Concen: 0.189 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:178 Resp: 6194

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	16.0	12.2	18.4



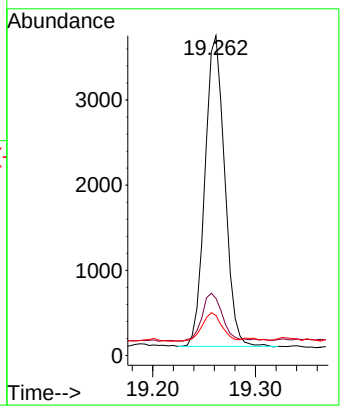


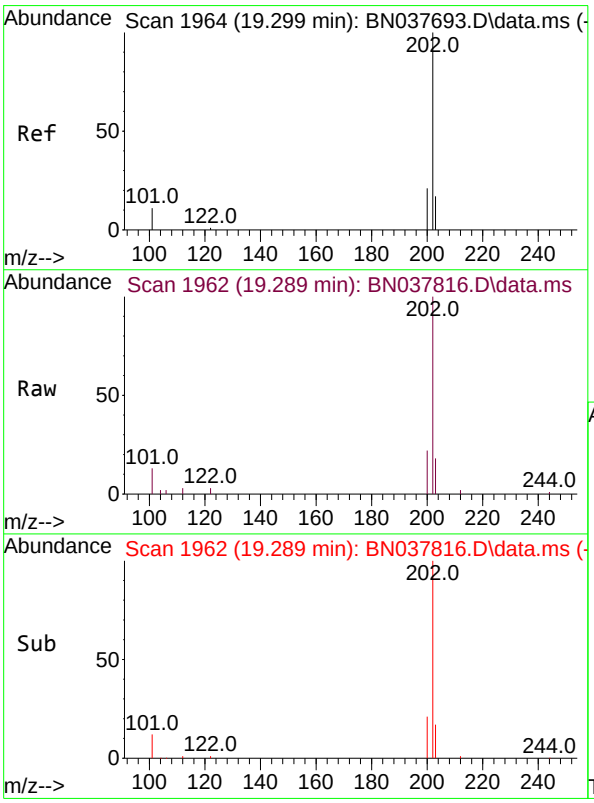
#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.262 min Scan# 19
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:212 Resp: 4881

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.2	18.2
104	9.4	6.9	10.3

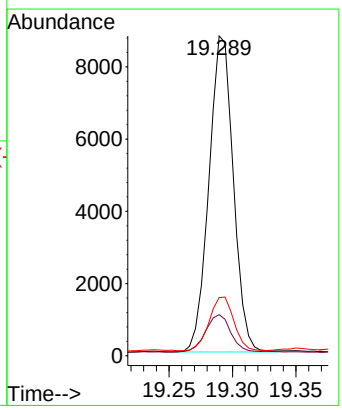


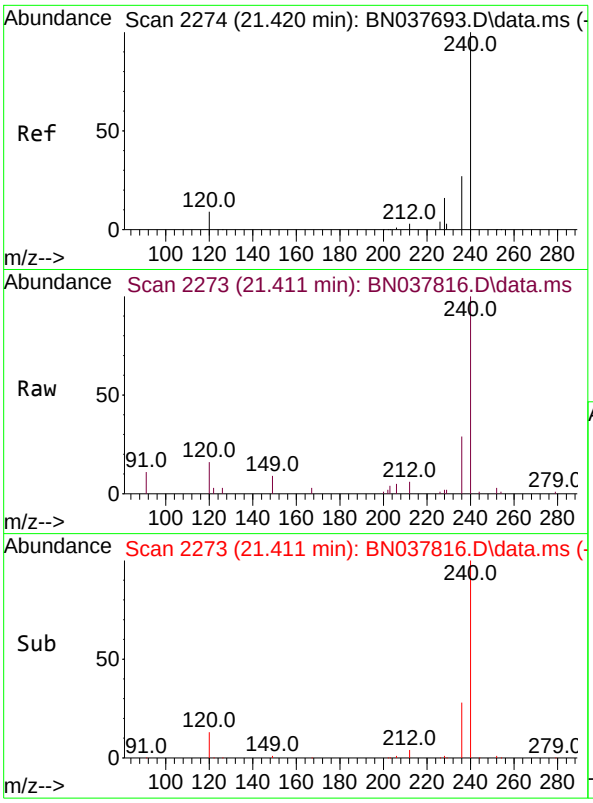


#28
Fluoranthene
Concen: 0.290 ng
RT: 19.289 min Scan# 1962
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:202 Resp: 11726

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.3	13.9
203	17.1	13.7	20.5



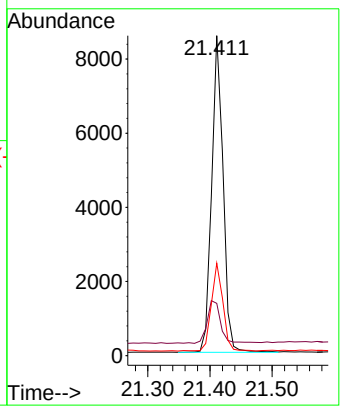


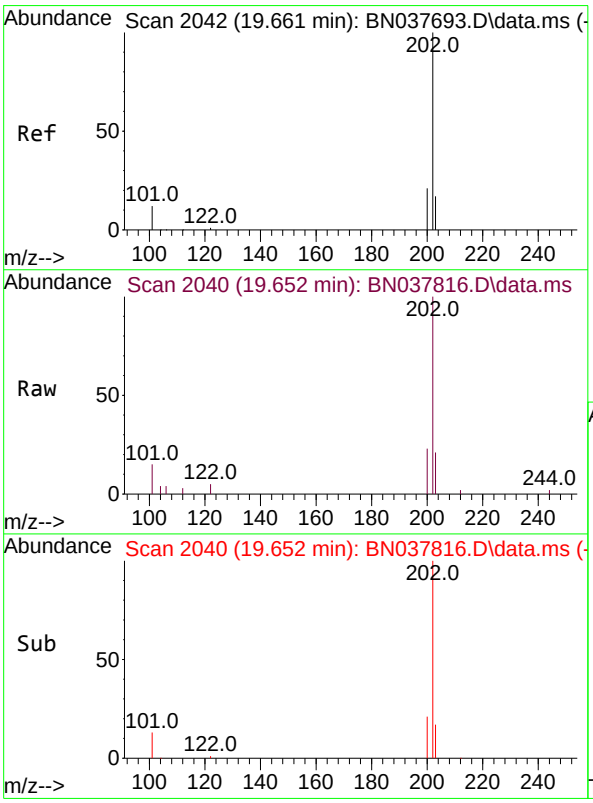
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:240 Resp: 10935

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.2	13.8#
236	28.9	22.6	33.8

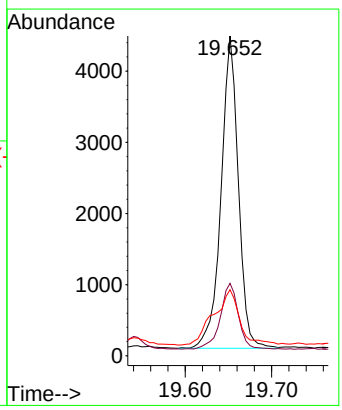


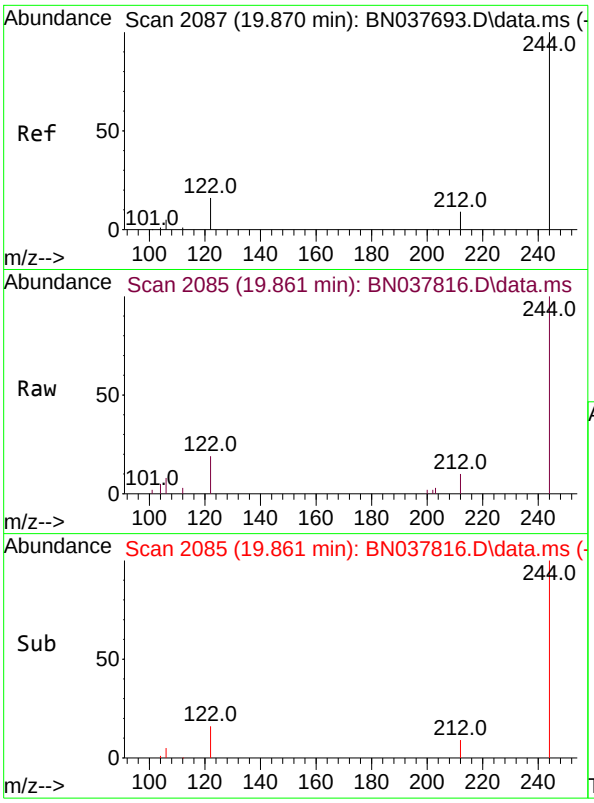


#30
Pyrene
Concen: 0.142 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:202 Resp: 6090

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	27.1	14.3	21.5#



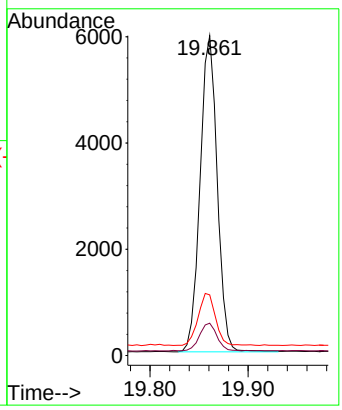


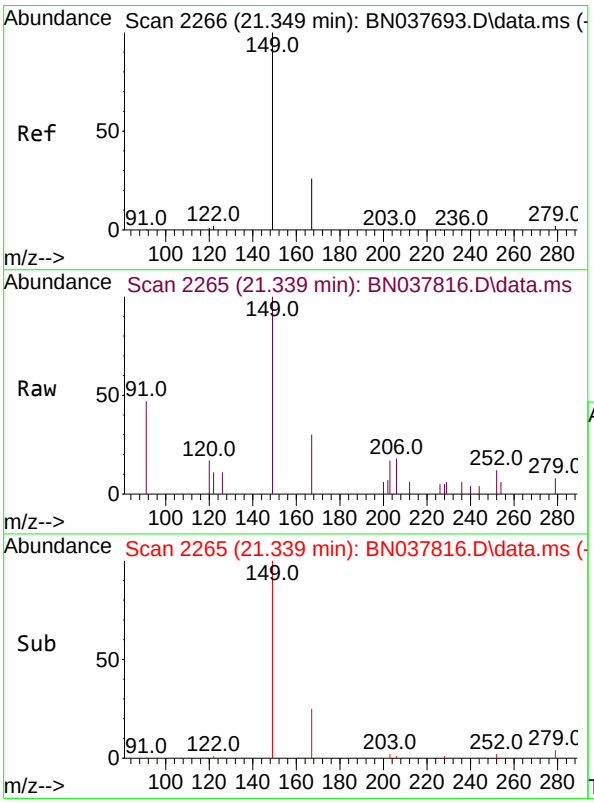
#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.861 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:244 Resp: 7221

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.5	11.3
122	19.0	13.2	19.8

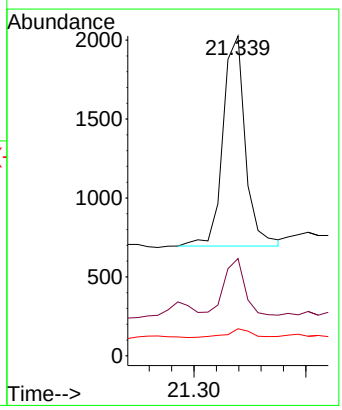


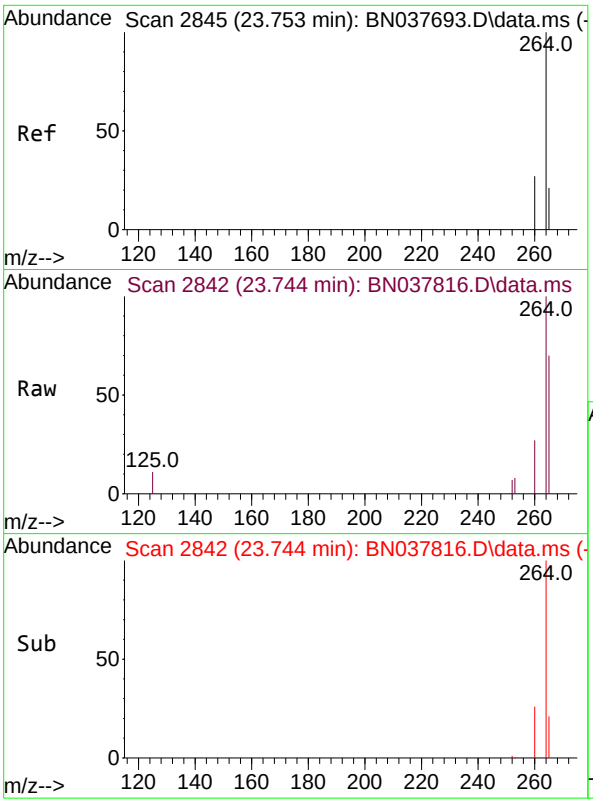


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:149 Resp: 1849

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.8	31.2
279	4.4	3.3	4.9



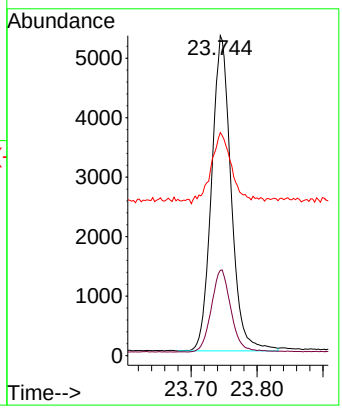


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Tgt Ion:264 Resp: 10906

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	69.7	39.4	59.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037777.D
Acq On : 18 Sep 2025 15:10
Operator : RC/JU
Sample : PB169693BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

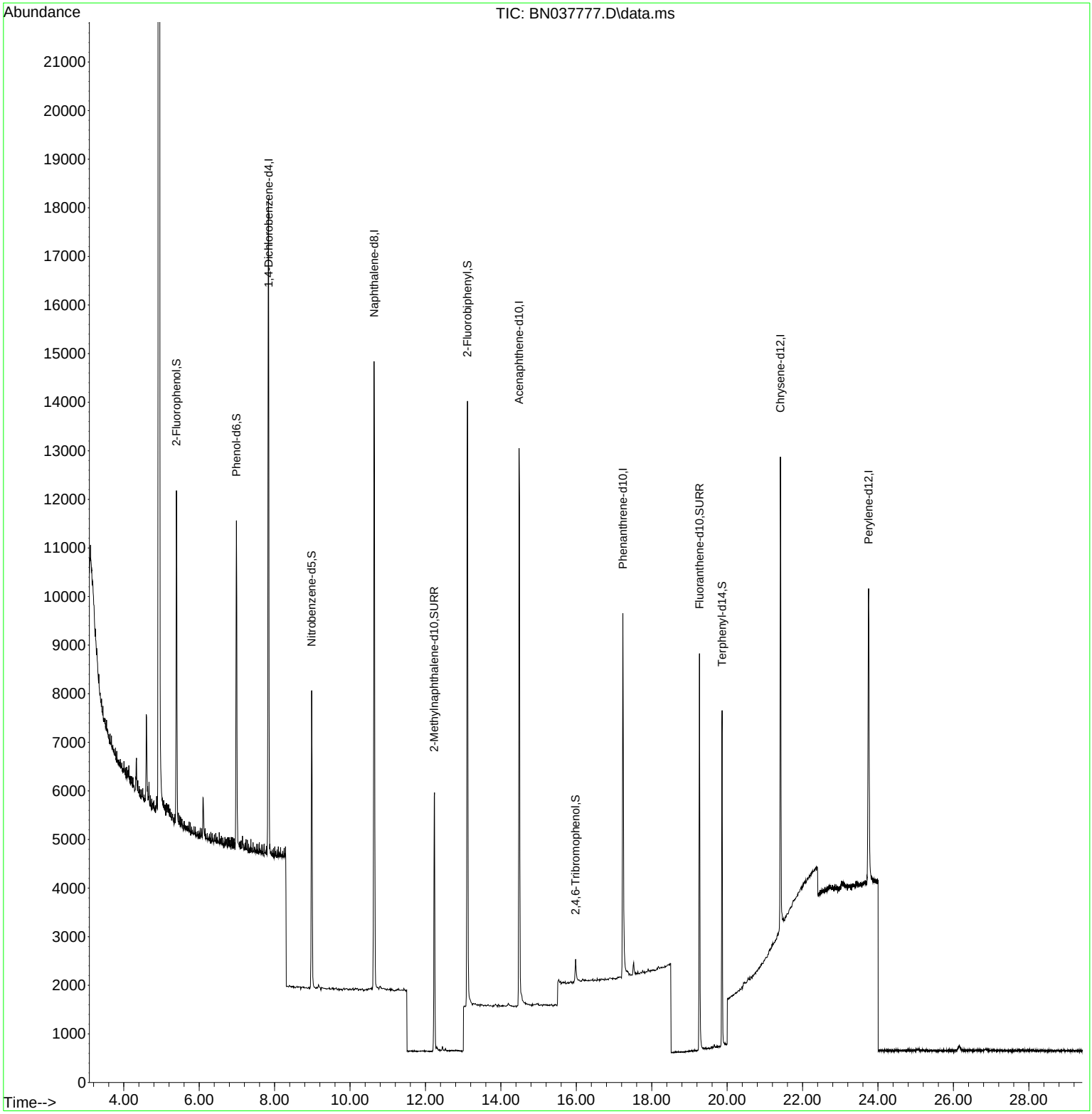
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6667	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17045	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7049	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11652	0.400	ng	0.00
29) Chrysene-d12	21.411	240	9221	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	9002	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5270	0.344	ng	0.00
5) Phenol-d6	6.988	99	6284	0.317	ng	0.00
8) Nitrobenzene-d5	8.982	82	4777	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7427	0.329	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	384	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11632	0.395	ng	0.00
27) Fluoranthene-d10	19.267	212	9319	0.319	ng	0.00
31) Terphenyl-d14	19.866	244	6747	0.361	ng	0.00
Target Compounds						Qvalue

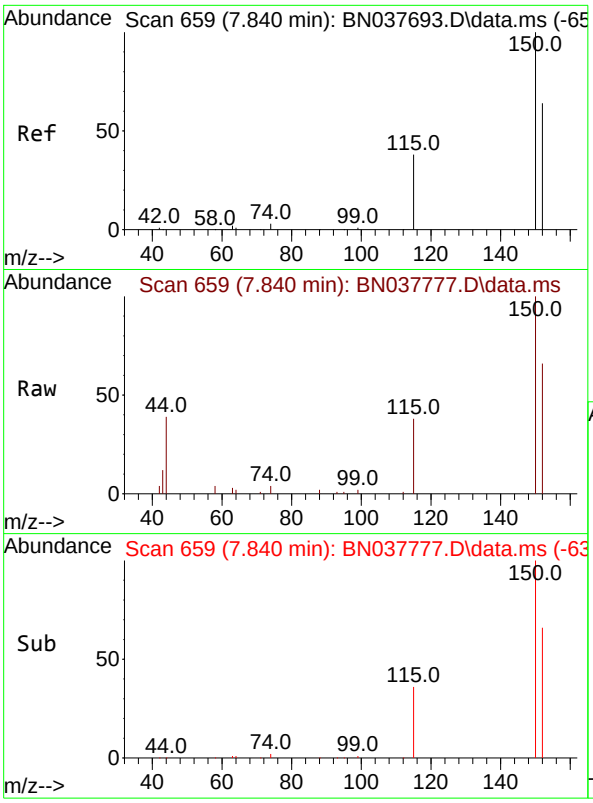
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037777.D
Acq On : 18 Sep 2025 15:10
Operator : RC/JU
Sample : PB169693BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



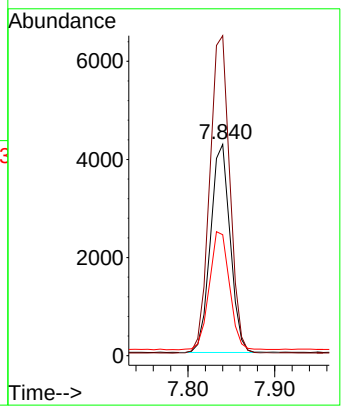


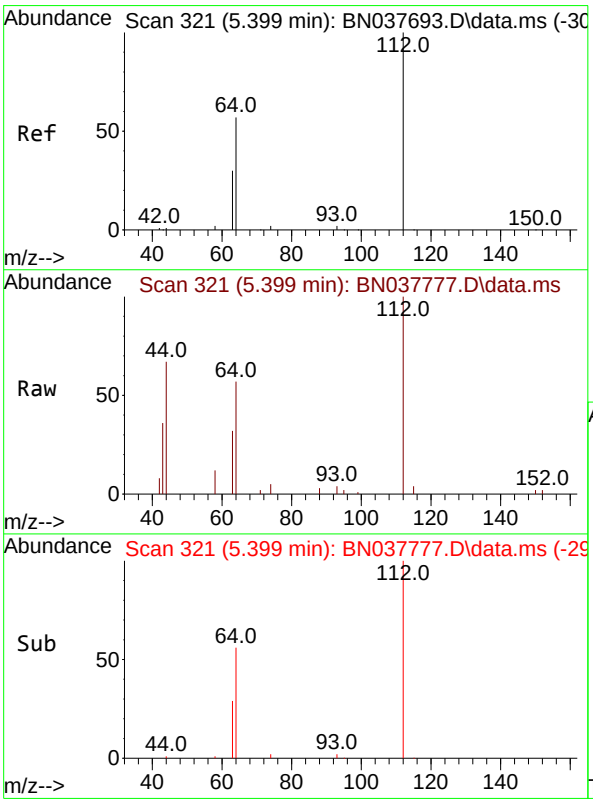
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion:152 Resp: 6667

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.5	186.7
115	57.2	49.2	73.8

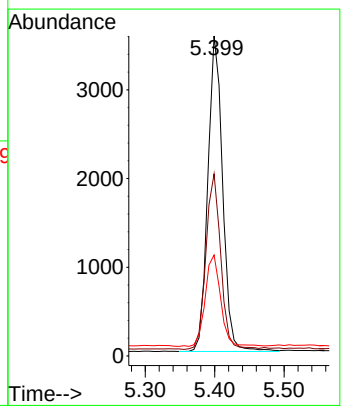


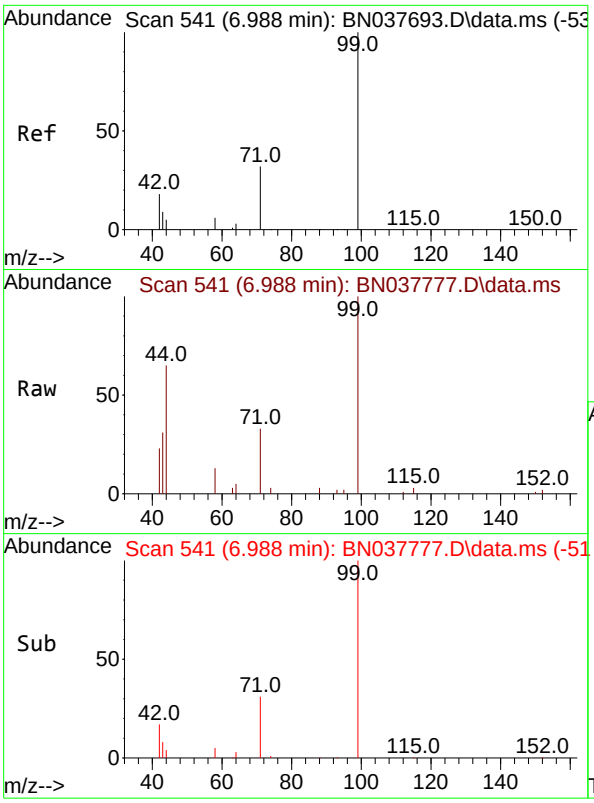


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:112 Resp: 5270

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.9	67.3
63	30.1	24.7	37.1



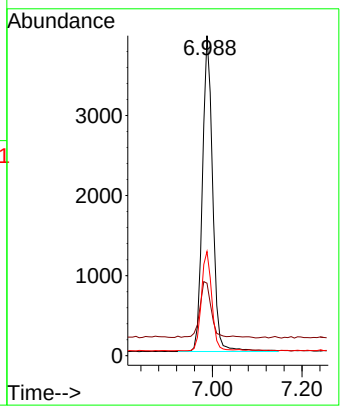


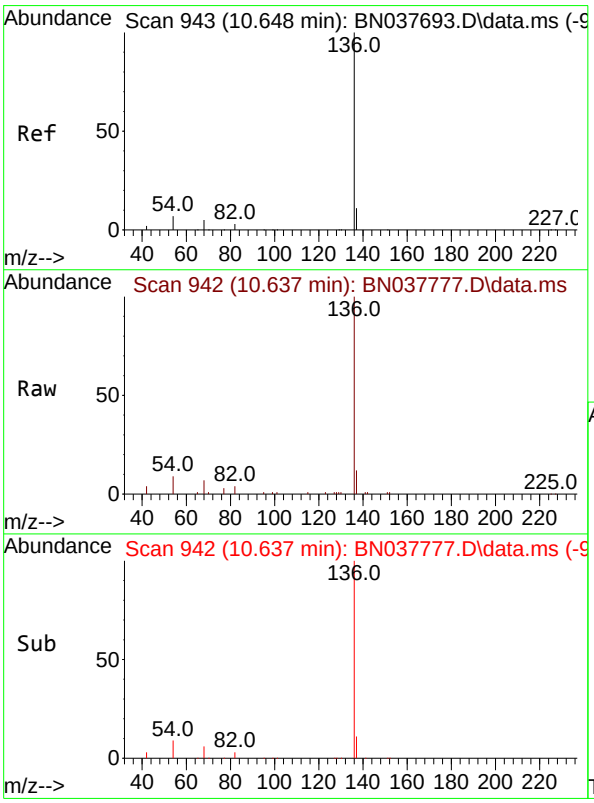
#5
Phenol-d6
Concen: 0.317 ng
RT: 6.988 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion: 99 Resp: 6284

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.6	24.8
71	31.6	26.7	40.1

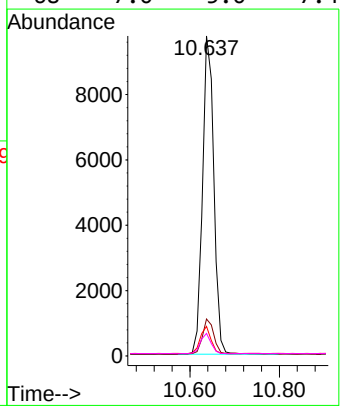


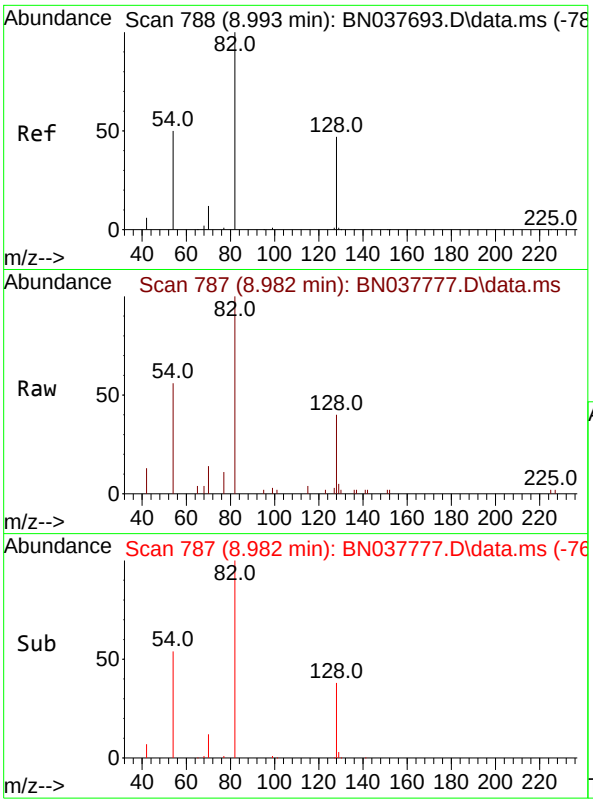


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:136 Resp: 17045

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.3	6.3	9.5
68	7.0	5.0	7.4



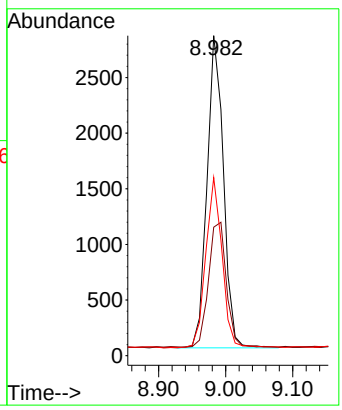


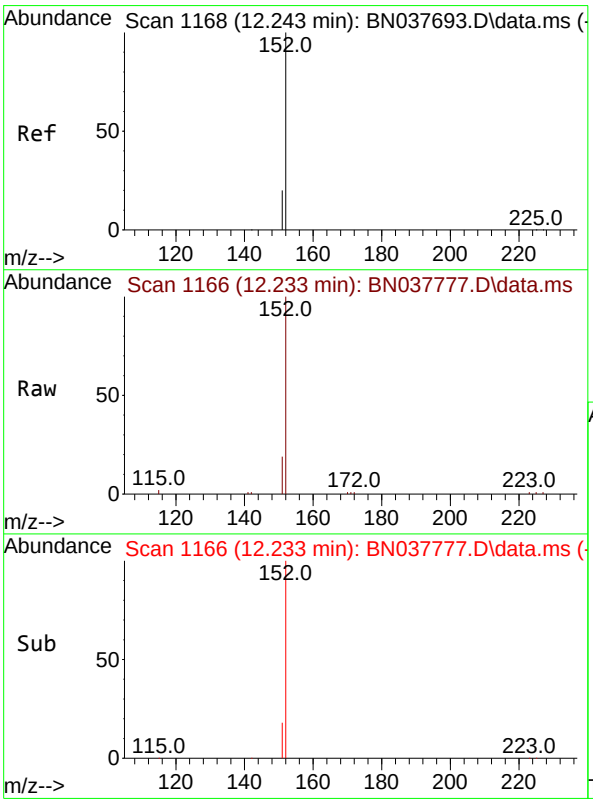
#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.982 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion: 82 Resp: 4777

Ion	Ratio	Lower	Upper
82	100		
128	40.2	38.3	57.5
54	55.6	41.4	62.2

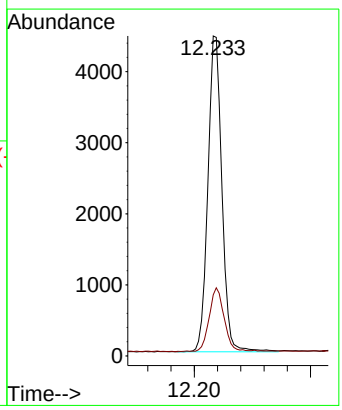


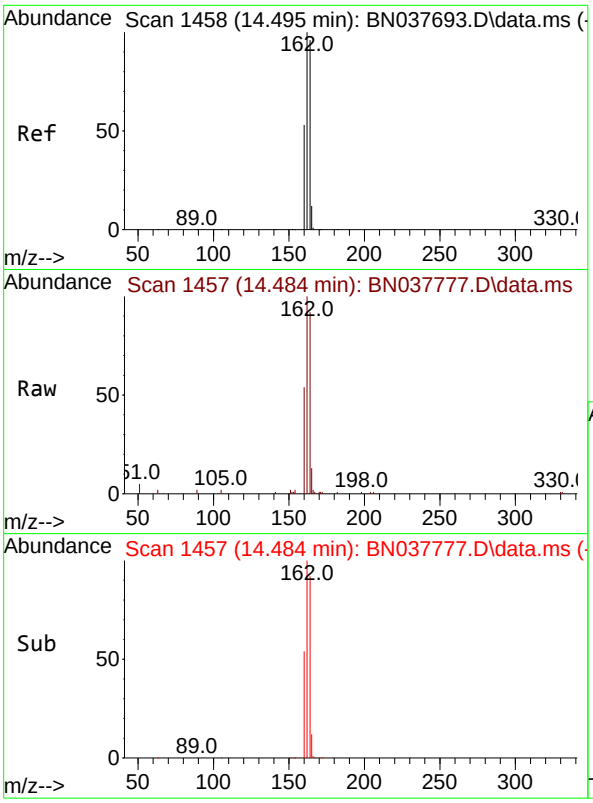


#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:152 Resp: 7427

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6



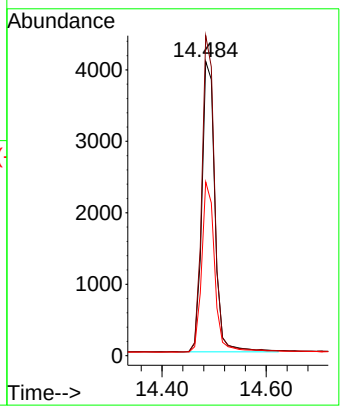


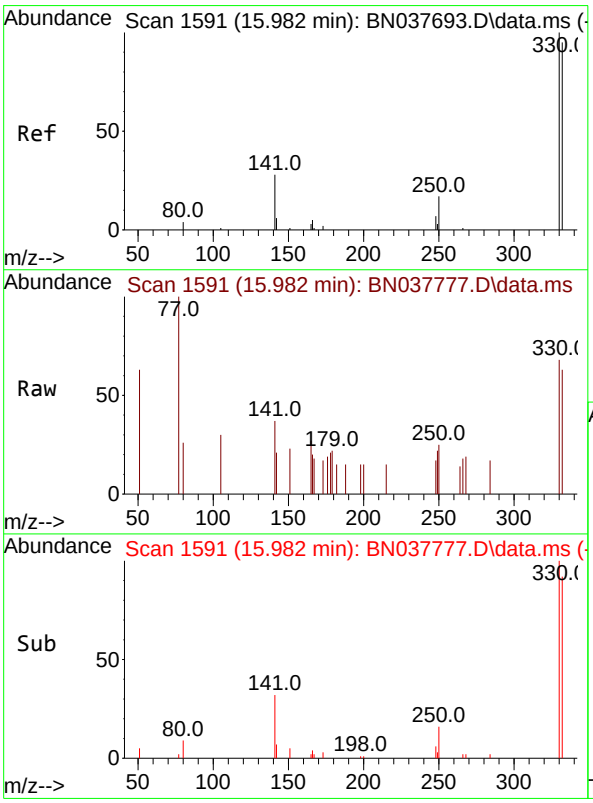
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion:164 Resp: 7049

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	59.1	44.3	66.5

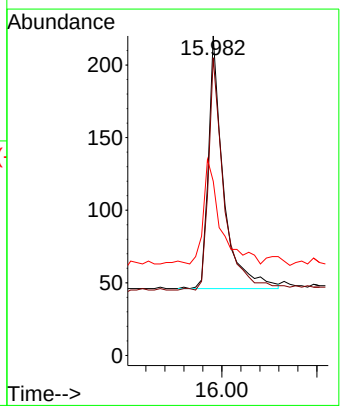


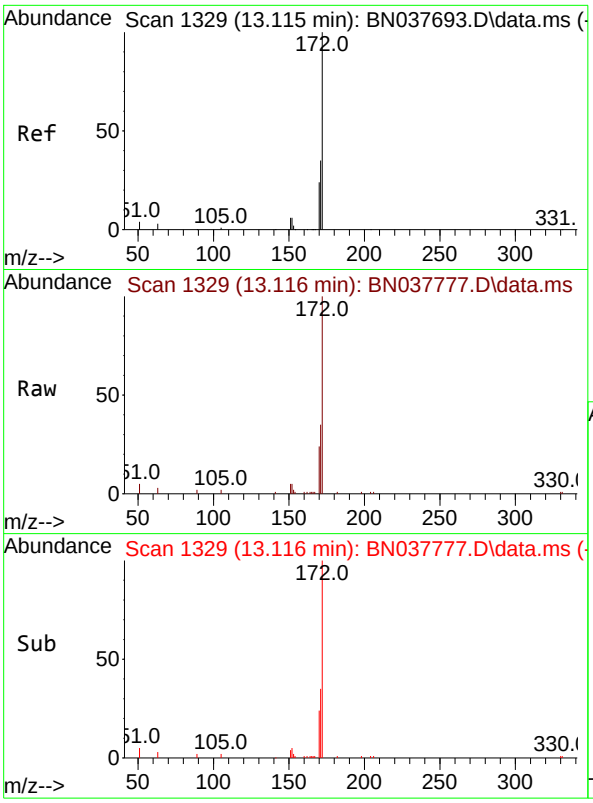


#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:330 Resp: 384

Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.3	112.9
141	46.1	35.0	52.4



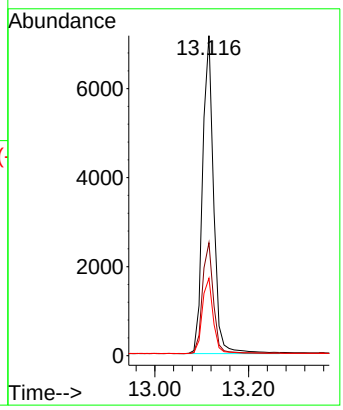


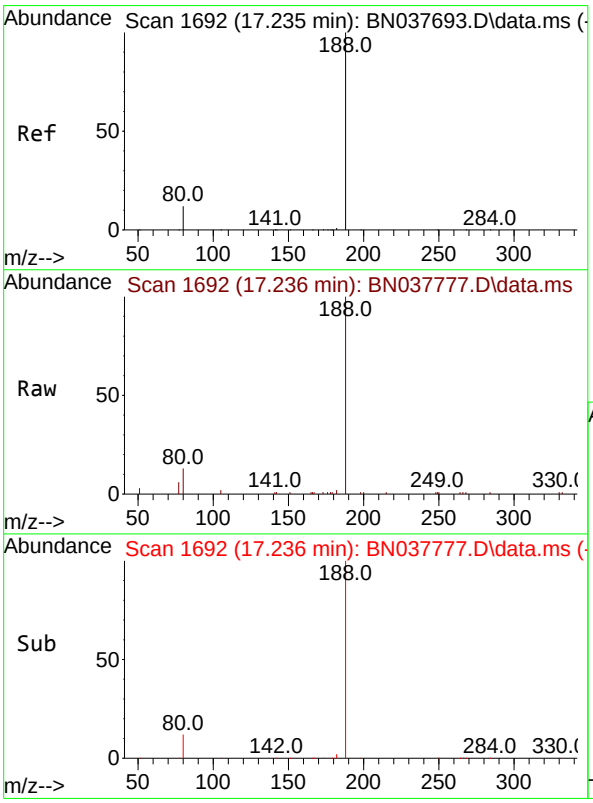
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion:172 Resp: 11632

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	24.2	19.8	29.8

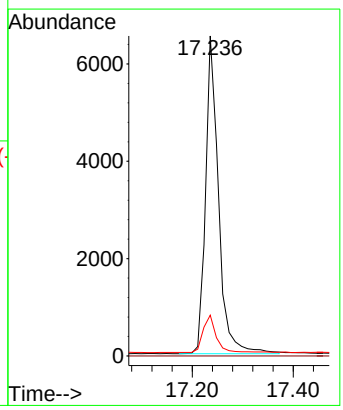


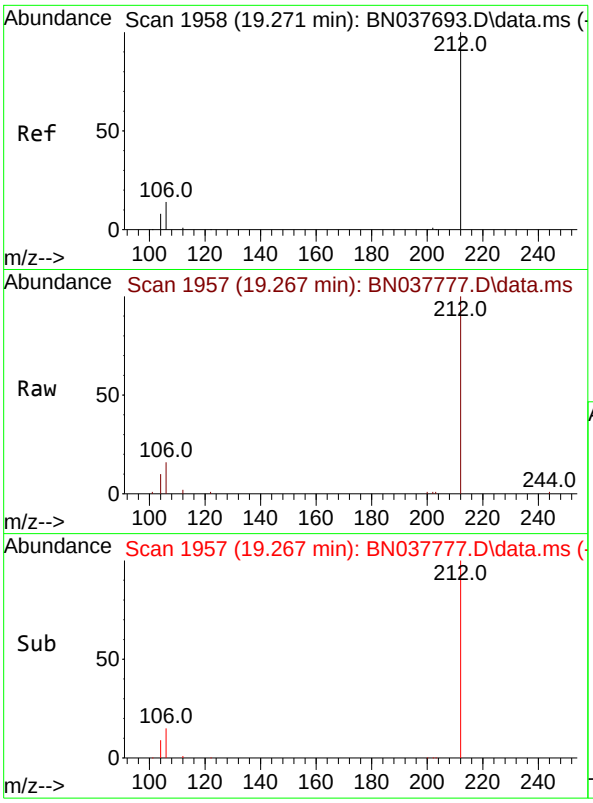


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:188 Resp: 11652

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	10.6	15.8



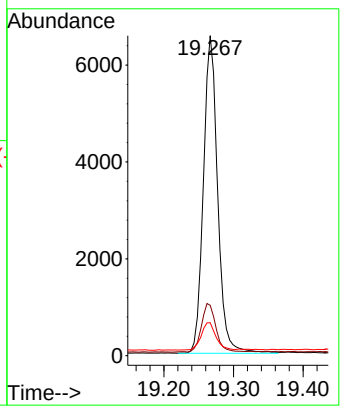


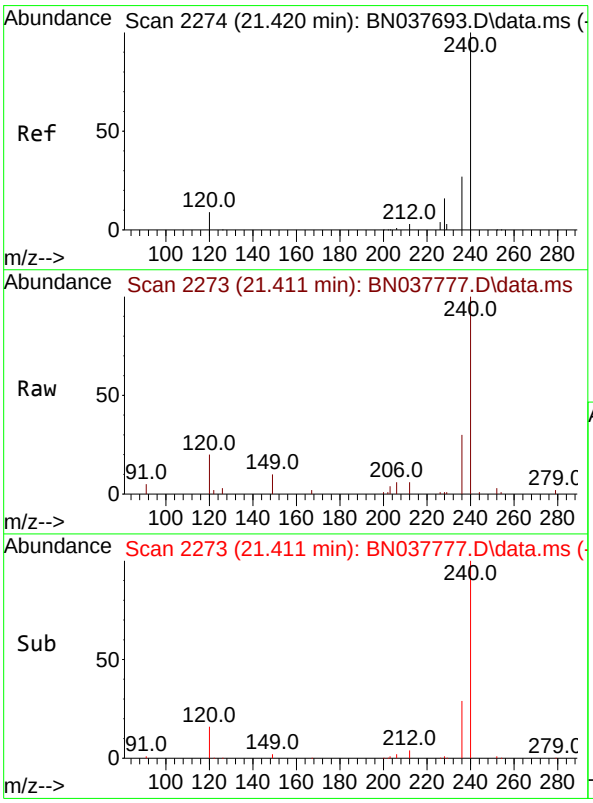
#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.267 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion:212 Resp: 9319

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.2	18.2
104	8.9	6.9	10.3

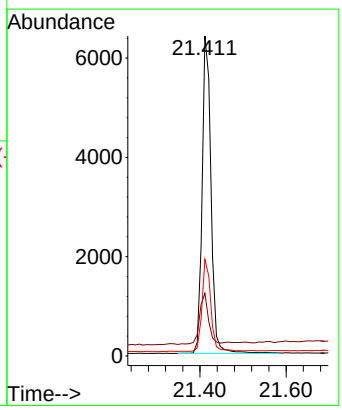


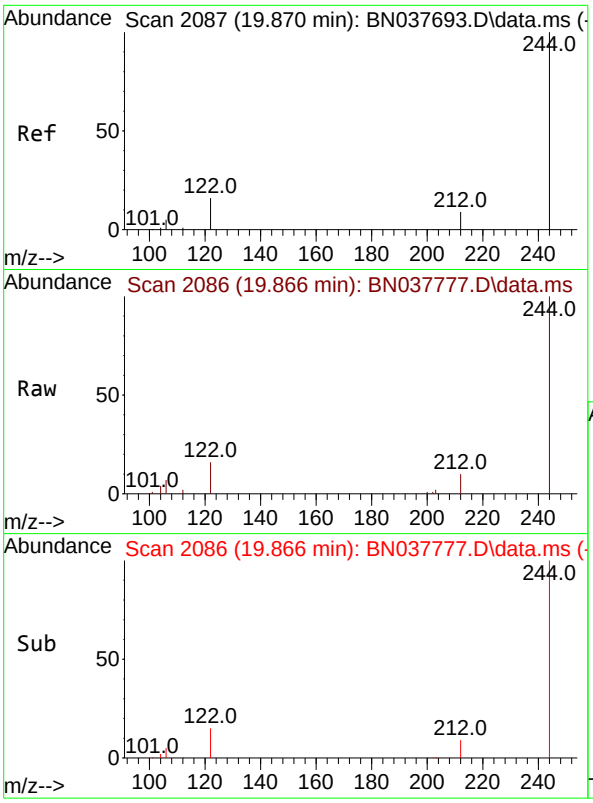


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:240 Resp: 9221

Ion	Ratio	Lower	Upper
240	100		
120	19.6	9.2	13.8#
236	30.1	22.6	33.8



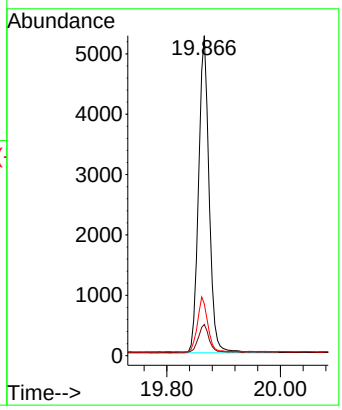


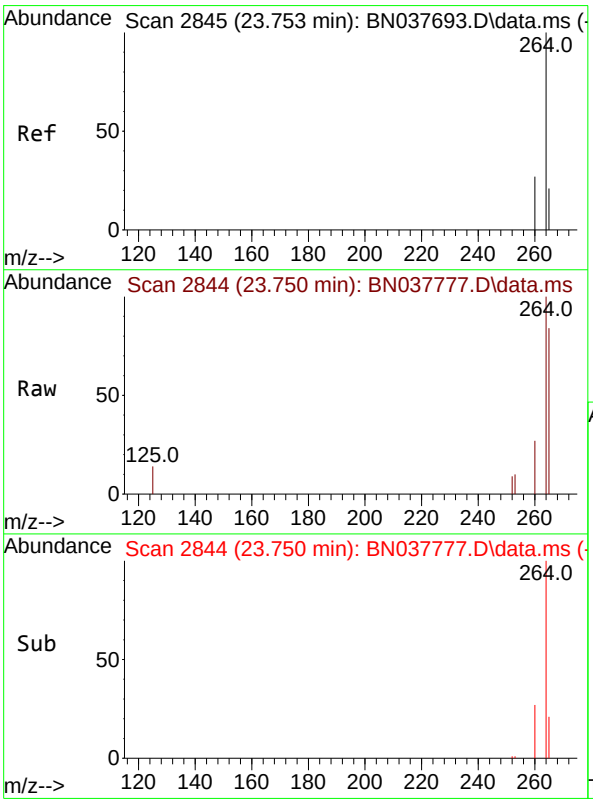
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.866 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Tgt Ion:244 Resp: 6747

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.5	11.3
122	16.2	13.2	19.8

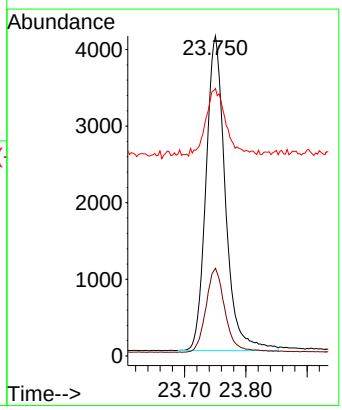




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:264 Resp: 9002

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	83.6	39.4	59.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037792.D
Acq On : 19 Sep 2025 00:16
Operator : RC/JU
Sample : PB169693BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 19 04:12:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7441	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19392	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8149	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12386	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10095	0.400	ng	0.00
35) Perylene-d12	23.738	264	10200	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5555	0.325	ng	0.00
5) Phenol-d6	6.980	99	6563	0.296	ng	0.00
8) Nitrobenzene-d5	8.982	82	5088	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7932	0.309	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	674	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	12492	0.367	ng	-0.01
27) Fluoranthene-d10	19.262	212	9050	0.291	ng	0.00
31) Terphenyl-d14	19.861	244	6591	0.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	2366	0.305	ng	# 85
3) n-Nitrosodimethylamine	3.600	42	3300	0.326	ng	# 90
6) bis(2-Chloroethyl)ether	7.248	93	6941	0.351	ng	100
9) Naphthalene	10.680	128	17810	0.336	ng	99
10) Hexachlorobutadiene	10.989	225	3379	0.352	ng	# 99
12) 2-Methylnaphthalene	12.303	142	9820	0.299	ng	99
16) Acenaphthylene	14.206	152	13377	0.358	ng	99
17) Acenaphthene	14.548	154	8509	0.337	ng	99
18) Fluorene	15.535	166	9452	0.309	ng	99
20) 4,6-Dinitro-2-methylph...	15.609	198	305	0.266	ng	# 88
21) 4-Bromophenyl-phenylether	16.428	248	2895	0.358	ng	# 92
22) Hexachlorobenzene	16.540	284	3601	0.388	ng	98
23) Atrazine	16.689	200	1710	0.333	ng	# 94
24) Pentachlorophenol	16.888	266	1388	0.515	ng	98
25) Phenanthrene	17.273	178	13505	0.346	ng	100
26) Anthracene	17.359	178	11748	0.340	ng	99
28) Fluoranthene	19.294	202	12912	0.302	ng	100
30) Pyrene	19.652	202	12854	0.325	ng	100
32) Benzo(a)anthracene	21.393	228	12540	0.356	ng	100
33) Chrysene	21.447	228	13567	0.359	ng	100
34) Bis(2-ethylhexyl)phtha...	21.331	149	3708	0.355	ng	98
36) Indeno(1,2,3-cd)pyrene	26.118	276	17423	0.407	ng	99
37) Benzo(b)fluoranthene	23.034	252	14955	0.372	ng	# 96
38) Benzo(k)fluoranthene	23.081	252	14241m	0.348	ng	
39) Benzo(a)pyrene	23.633	252	12714	0.395	ng	# 94
40) Dibenzo(a,h)anthracene	26.142	278	13475	0.394	ng	99
41) Benzo(g,h,i)perylene	26.843	276	15272	0.398	ng	99

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

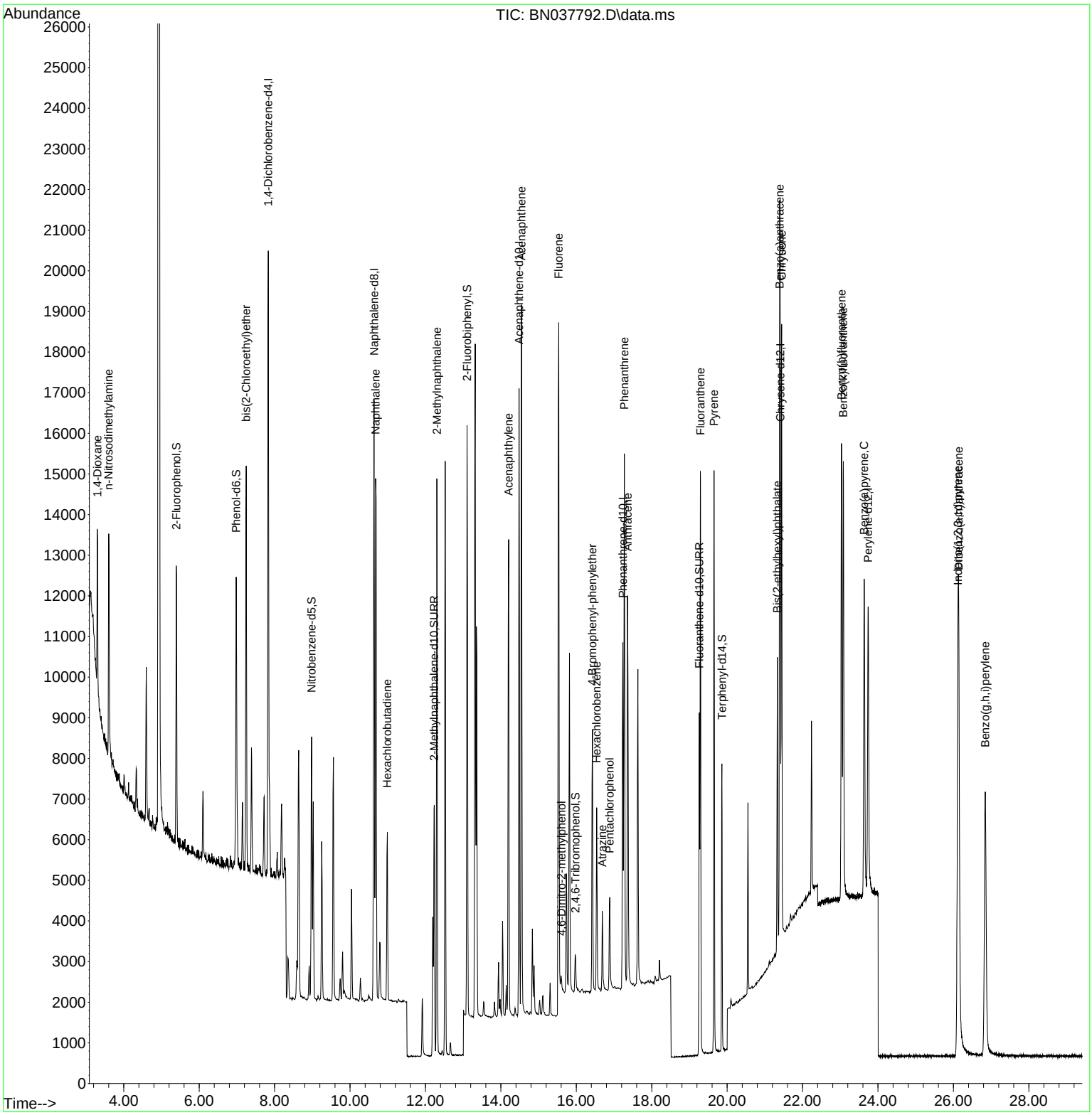
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037792.D
Acq On : 19 Sep 2025 00:16
Operator : RC/JU
Sample : PB169693BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

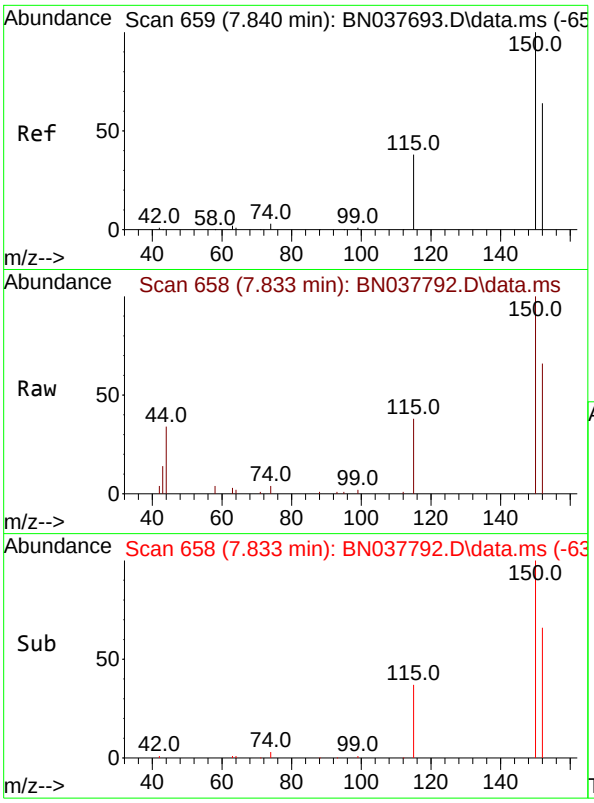
Quant Time: Sep 19 04:12:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

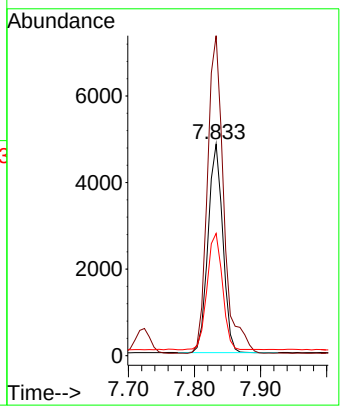




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.5	186.7
115	57.8	49.2	73.8



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
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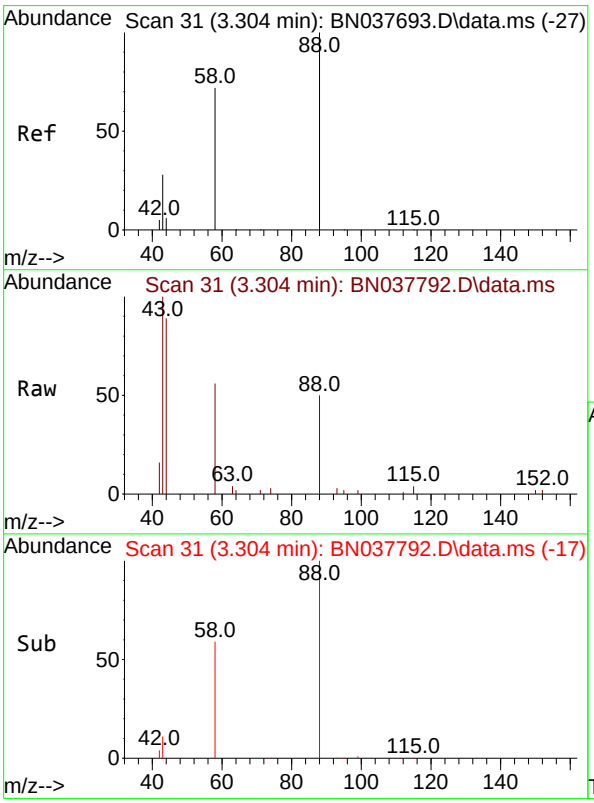
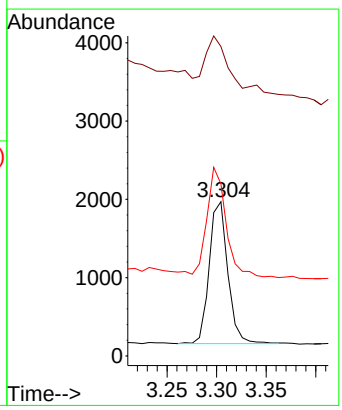
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

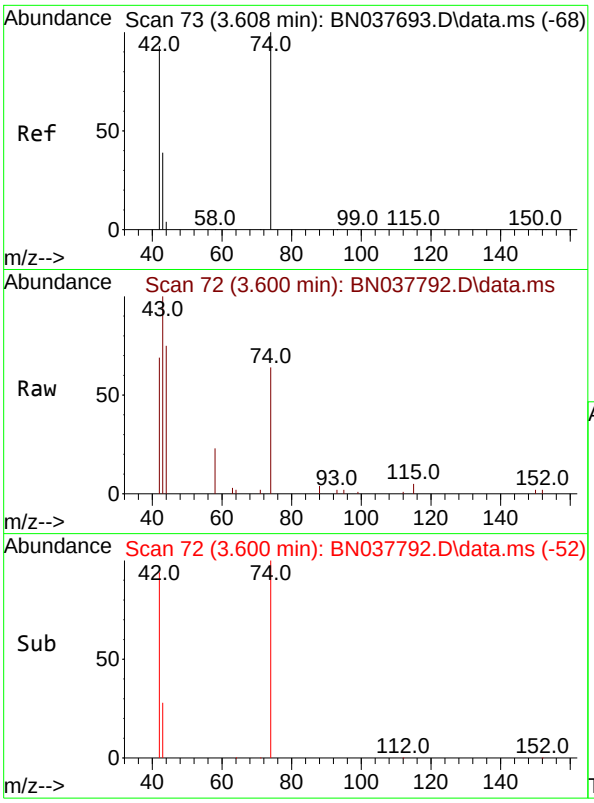


#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 88 Resp: 2366

Ion	Ratio	Lower	Upper
88	100		
43	56.6	26.8	40.2#
58	80.3	61.9	92.9

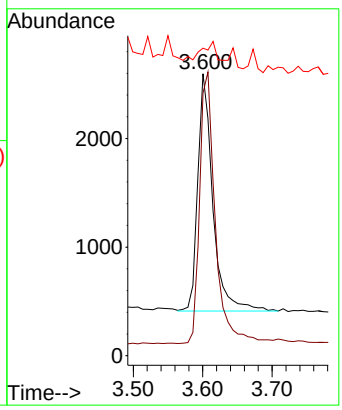




#3
n-Nitrosodimethylamine
Concen: 0.326 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 42 Resp: 330

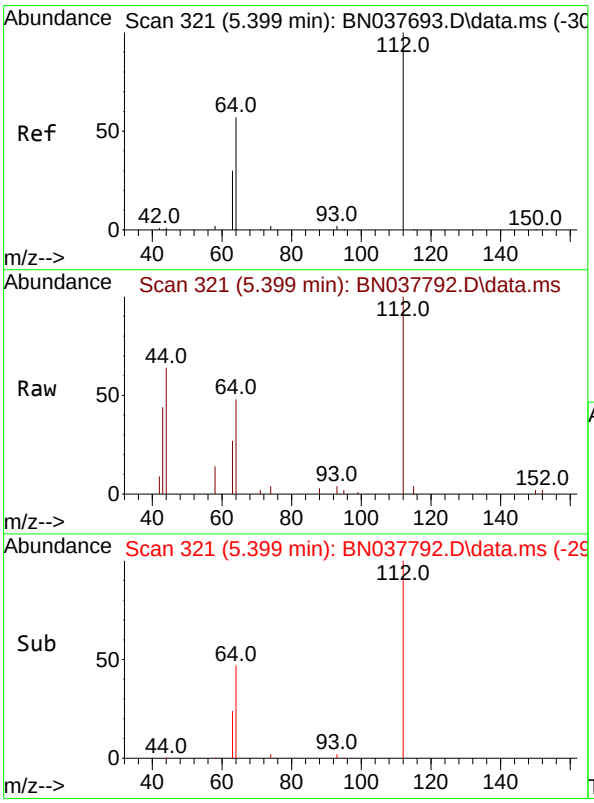
Ion	Ratio	Lower	Upper
42	100		
74	118.9	86.0	129.0
44	8.3	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
APPROVED

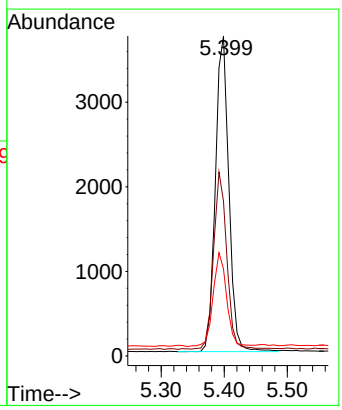
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

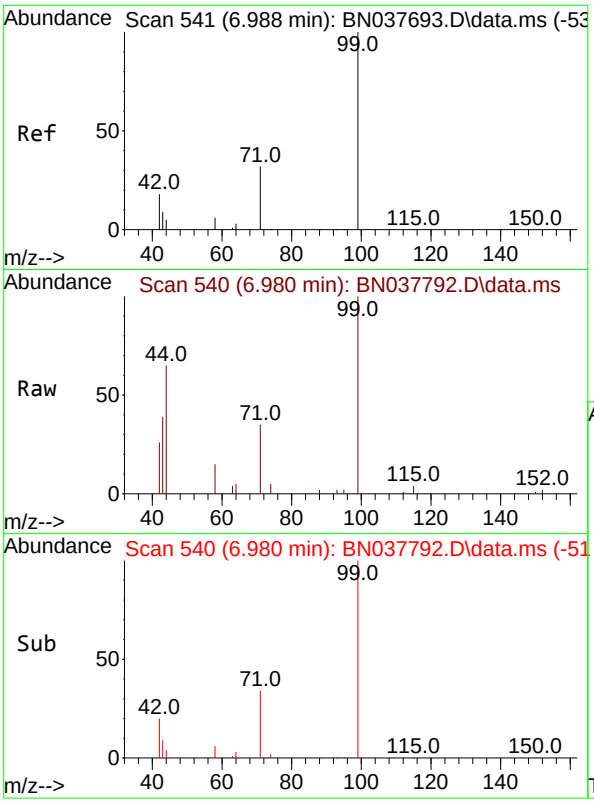


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:112 Resp: 5555

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.9	67.3
63	29.6	24.7	37.1

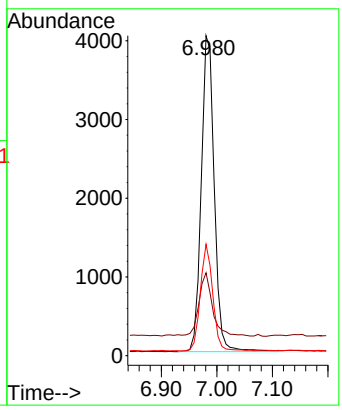




#5
Phenol-d6
Concen: 0.296 ng
RT: 6.980 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 99 Resp: 656

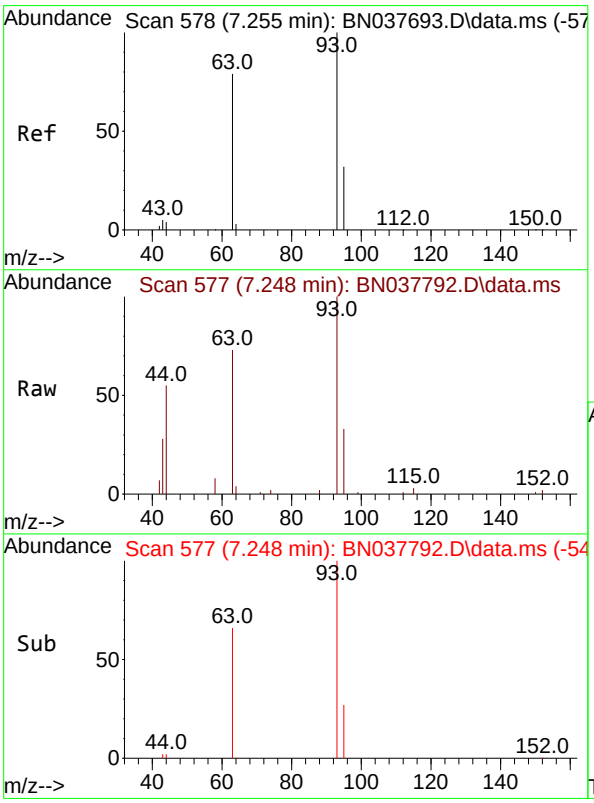
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	32.2	26.7	40.1



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
APPROVED

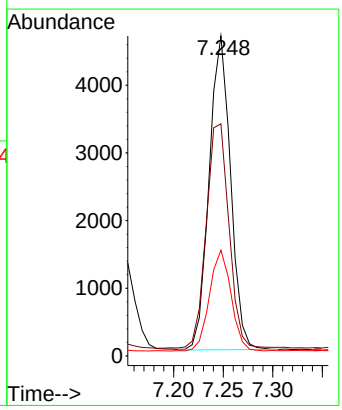
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

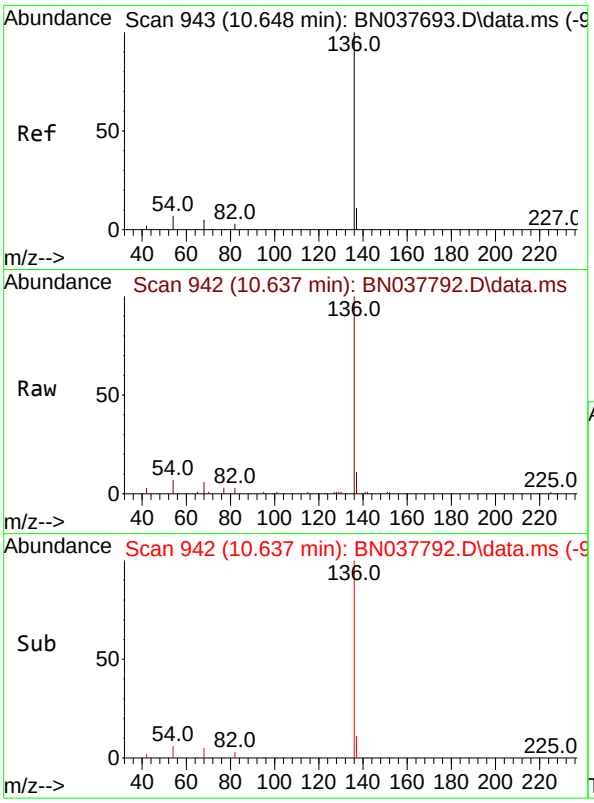


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 93 Resp: 6941

Ion	Ratio	Lower	Upper
93	100		
63	76.1	60.6	90.8
95	32.6	26.0	39.0

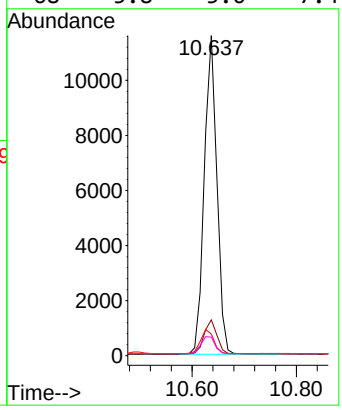




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:136 Resp: 1939

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	6.3	9.5
68	5.8	5.0	7.4



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
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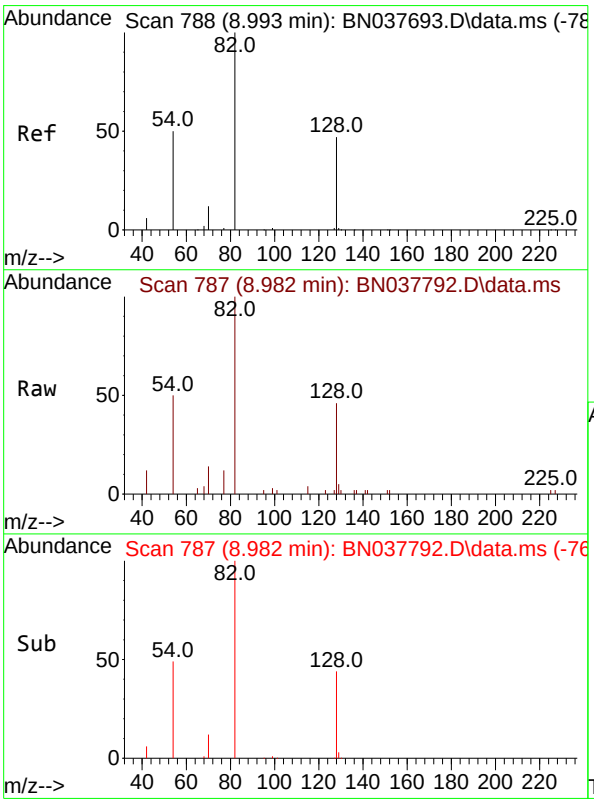
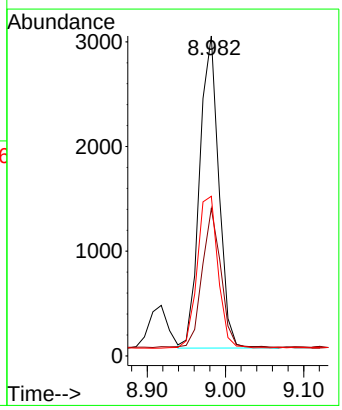
Supervised By :mohammad ahmed 09/23/2025

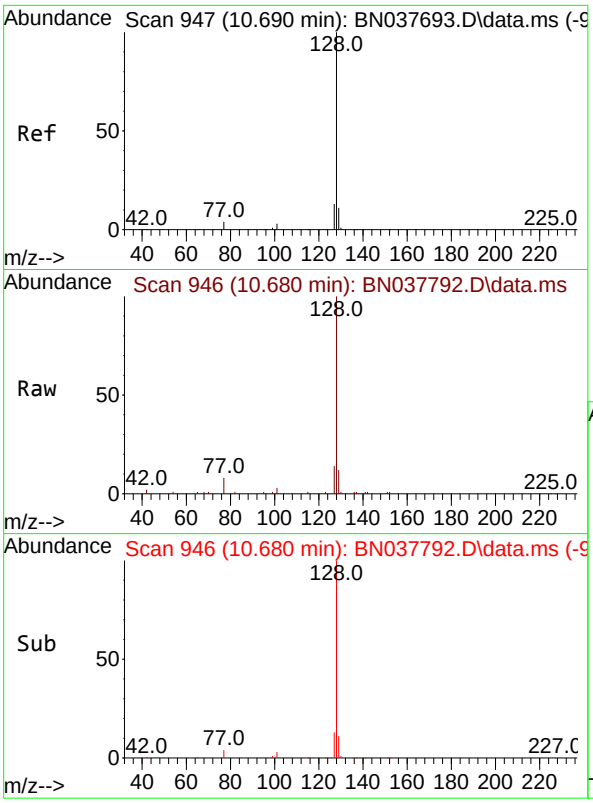


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 82 Resp: 5088

Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.3	57.5
54	49.9	41.4	62.2

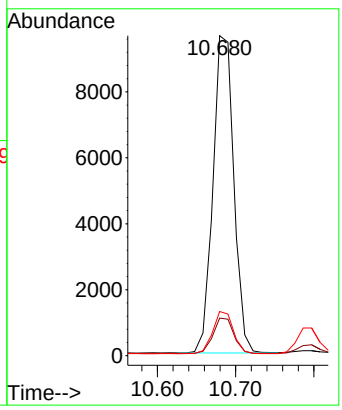




#9
Naphthalene
Concen: 0.336 ng
RT: 10.680 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:128 Resp: 1781

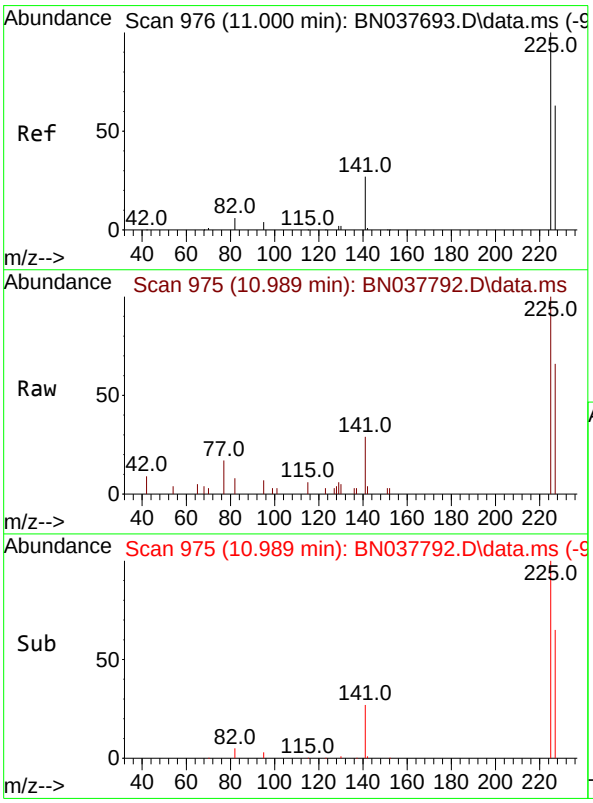
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.8	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations APPROVED

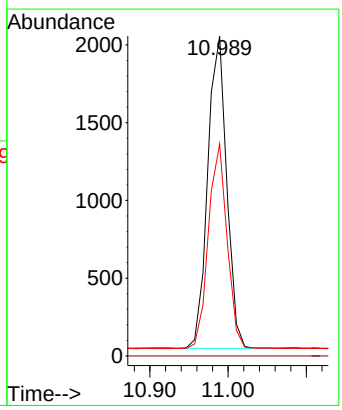
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

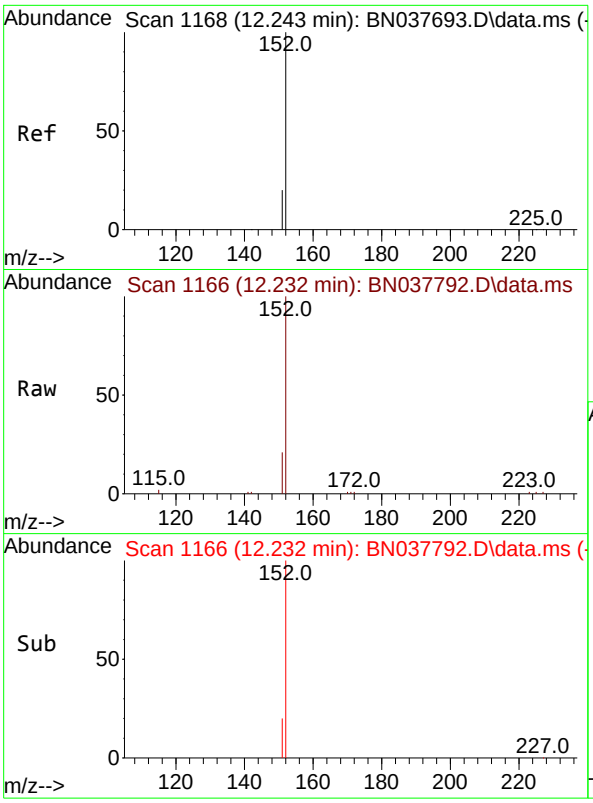


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:225 Resp: 3379

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.9	76.3





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.232 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

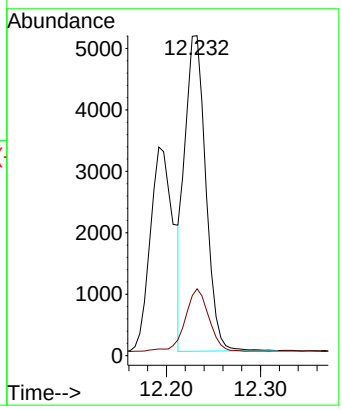
Tgt Ion:152 Resp: 793

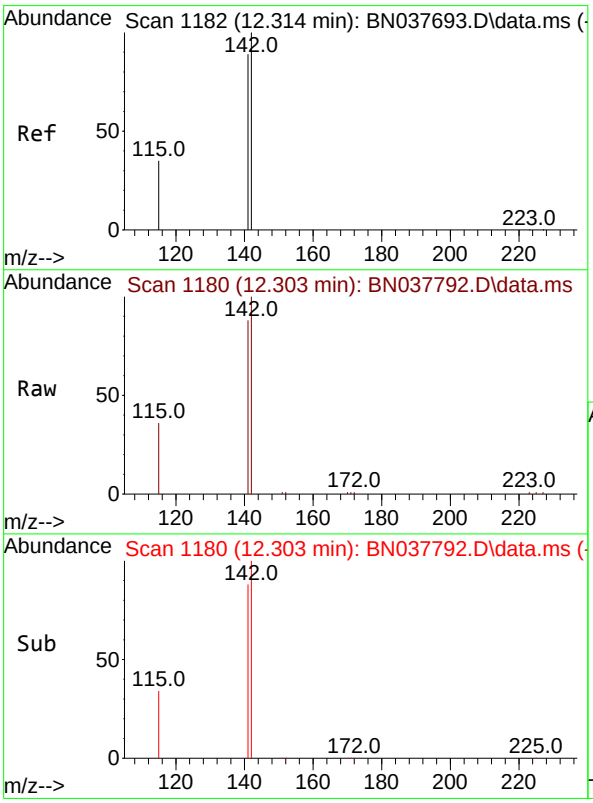
Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.6

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

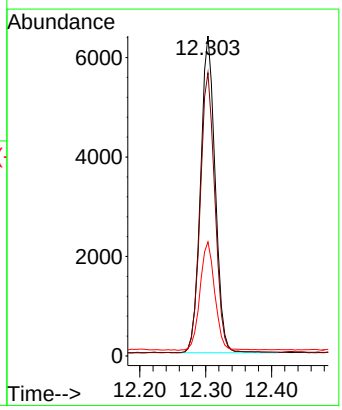


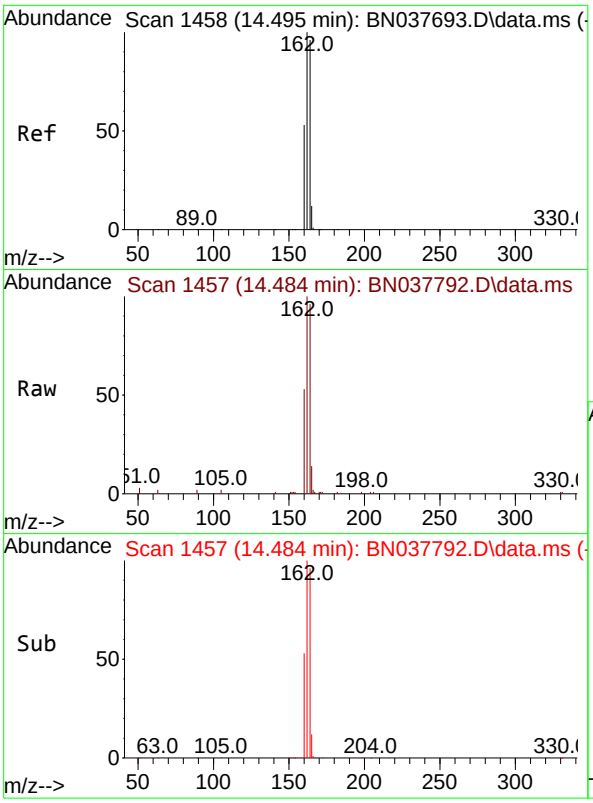


#12
2-Methylnaphthalene
Concen: 0.299 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:142 Resp: 9820

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	35.7	28.6	43.0

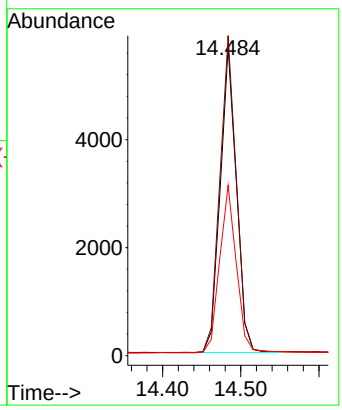




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:164 Resp: 814

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	55.2	44.3	66.5



Instrument :
BNA_N
ClientSampleId :
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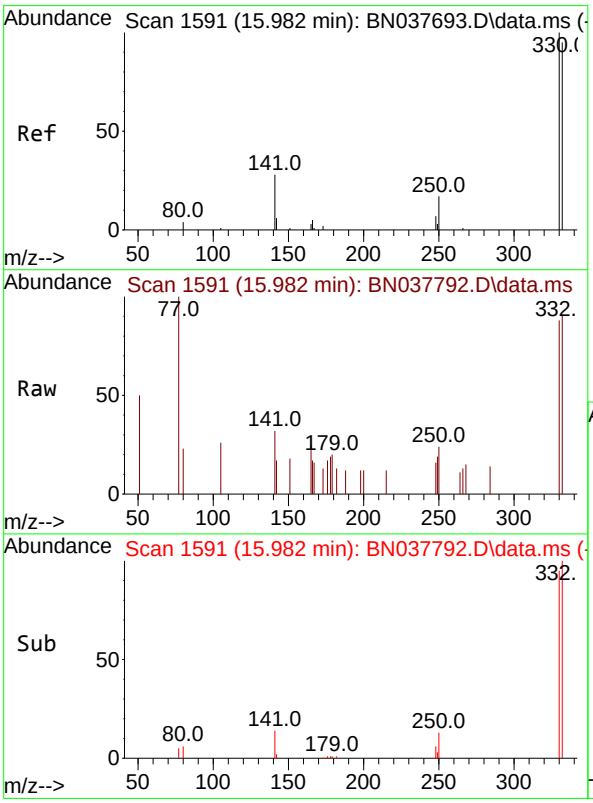
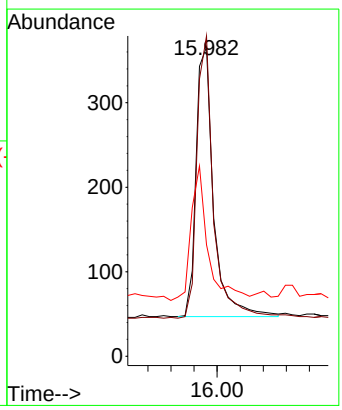
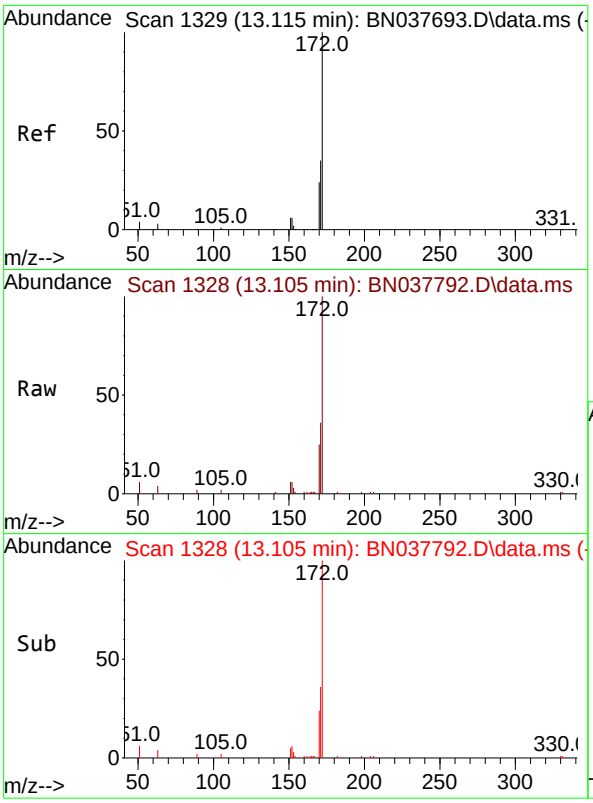


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:330 Resp: 674

Ion	Ratio	Lower	Upper
330	100		
332	99.4	75.3	112.9
141	47.6	35.0	52.4

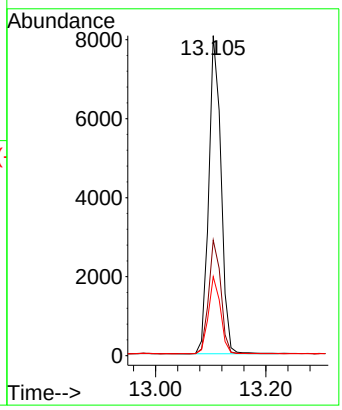




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:172 Resp: 1249

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.7	19.8	29.8



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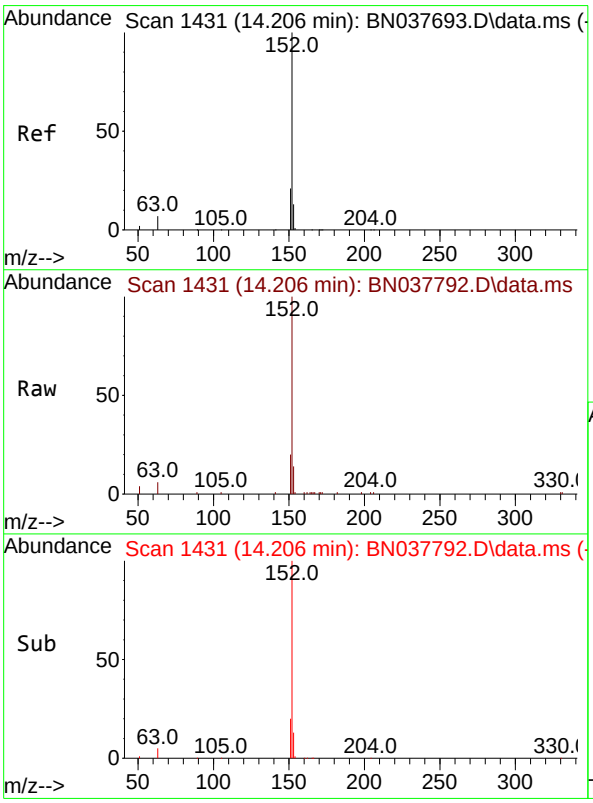
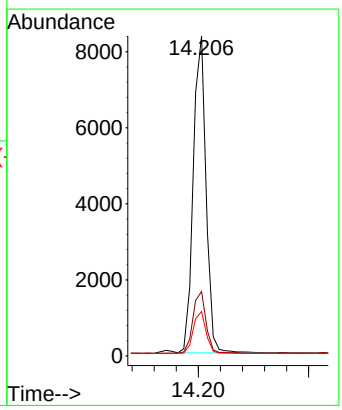
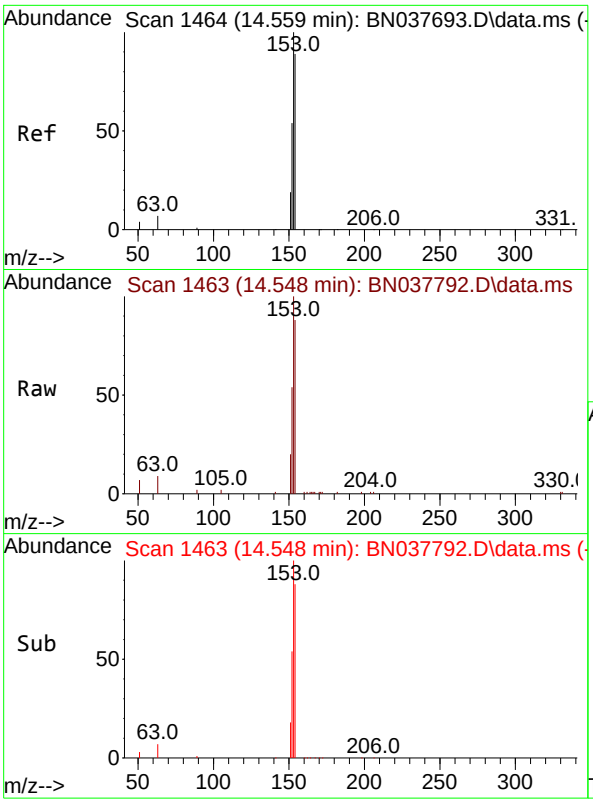


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:152 Resp: 13377

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.4	10.4	15.6

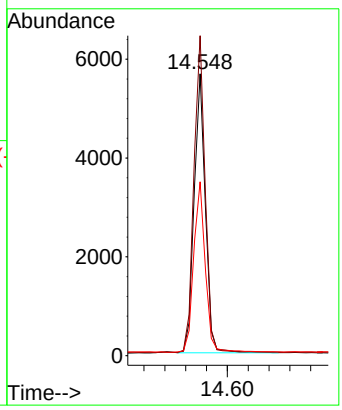




#17
Acenaphthene
Concen: 0.337 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:154 Resp: 850

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.8	134.8
152	62.9	50.2	75.2



Instrument :
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ClientSampleId :
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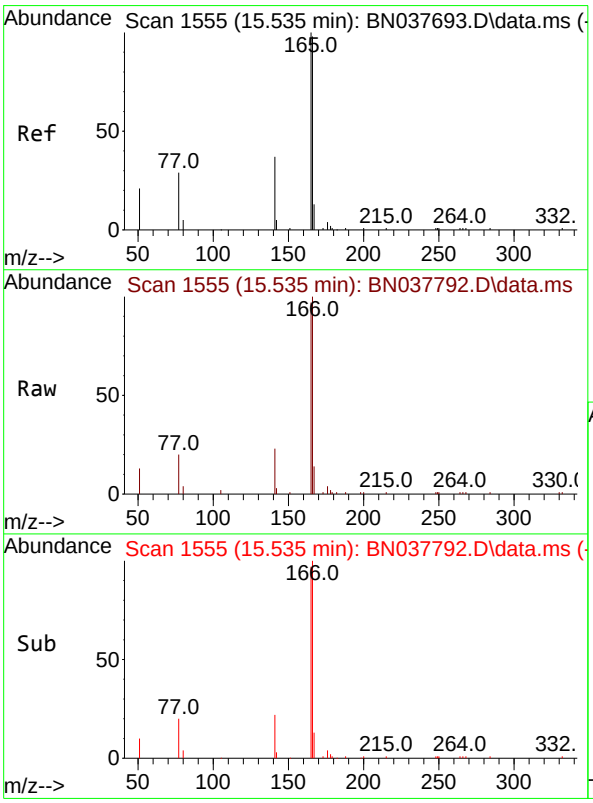
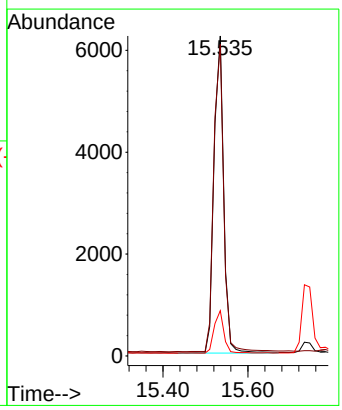
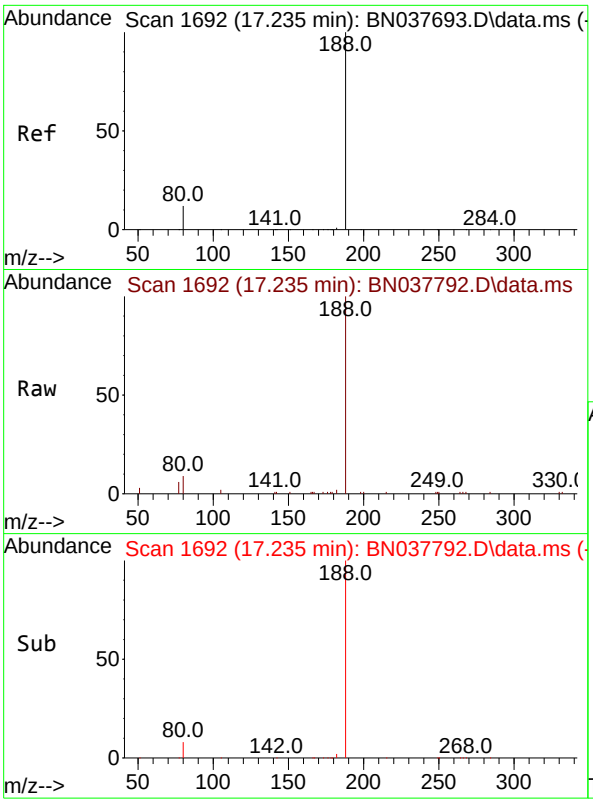


#18
Fluorene
Concen: 0.309 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:166 Resp: 9452

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	13.9	10.6	16.0

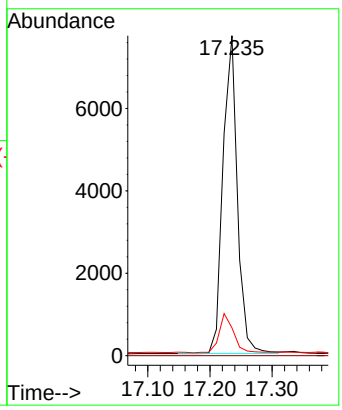




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:188 Resp: 1238(

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	10.6	15.8#



Instrument :
BNA_N
ClientSampleId :
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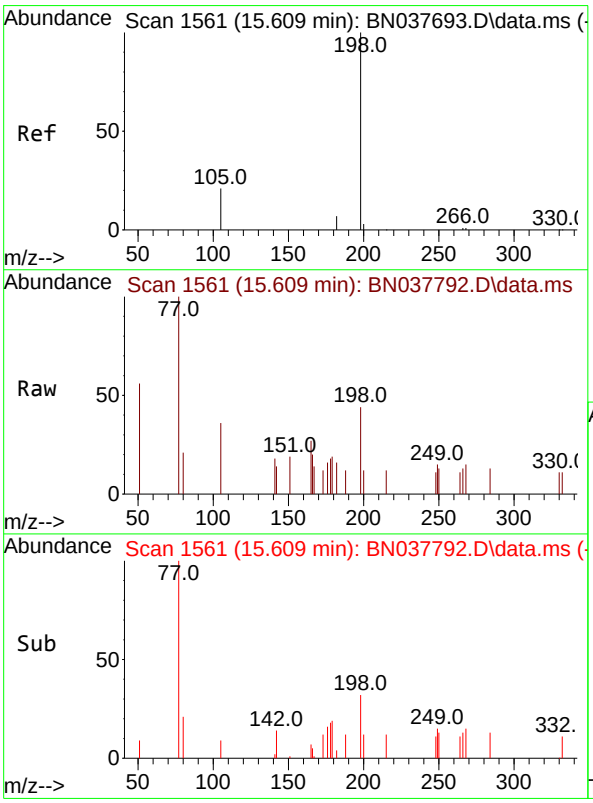
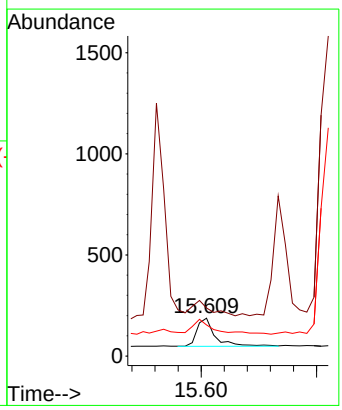
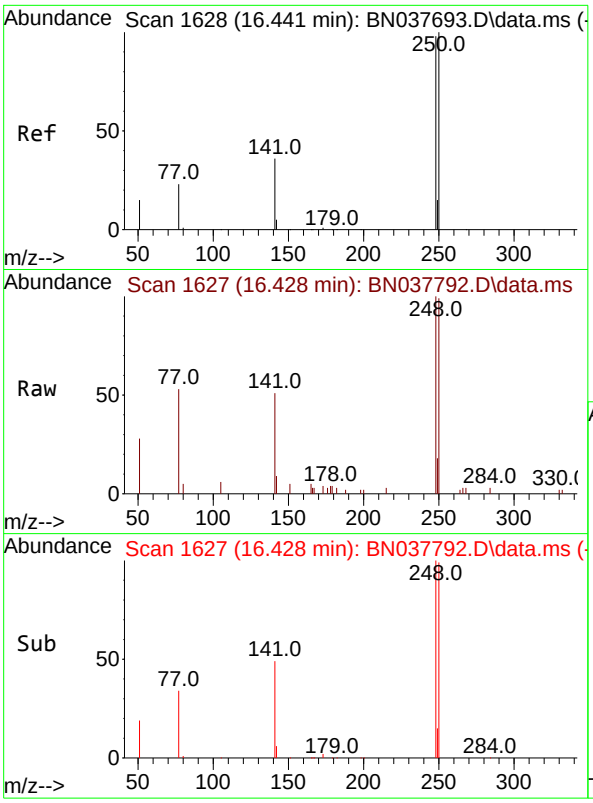


#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	127.3	95.1	142.7
105	82.4	53.8	80.6#

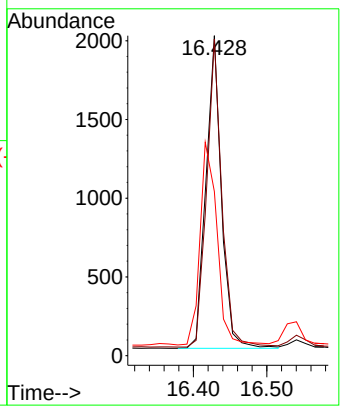




#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.428 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:248 Resp: 289

Ion	Ratio	Lower	Upper
248	100		
250	99.0	81.5	122.3
141	51.3	30.8	46.2



Instrument :
BNA_N
ClientSampleId :
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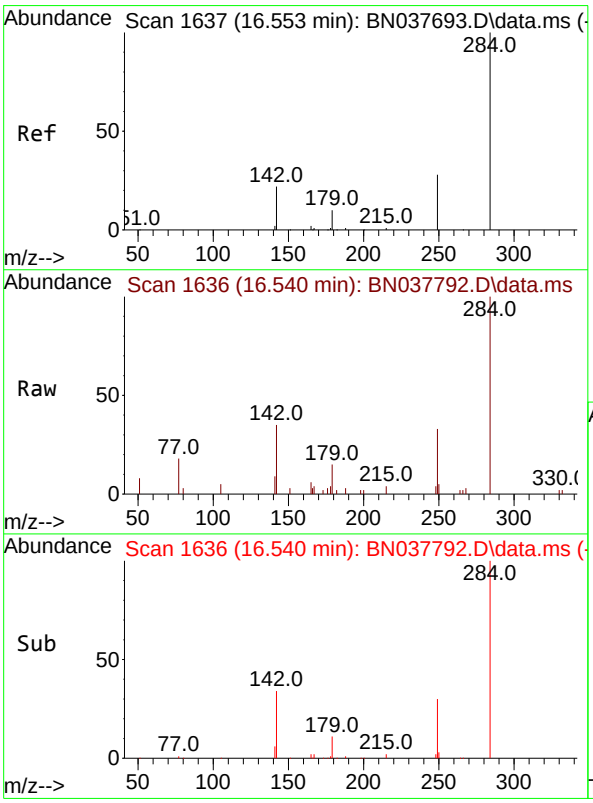
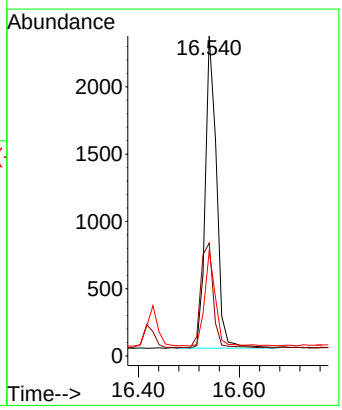
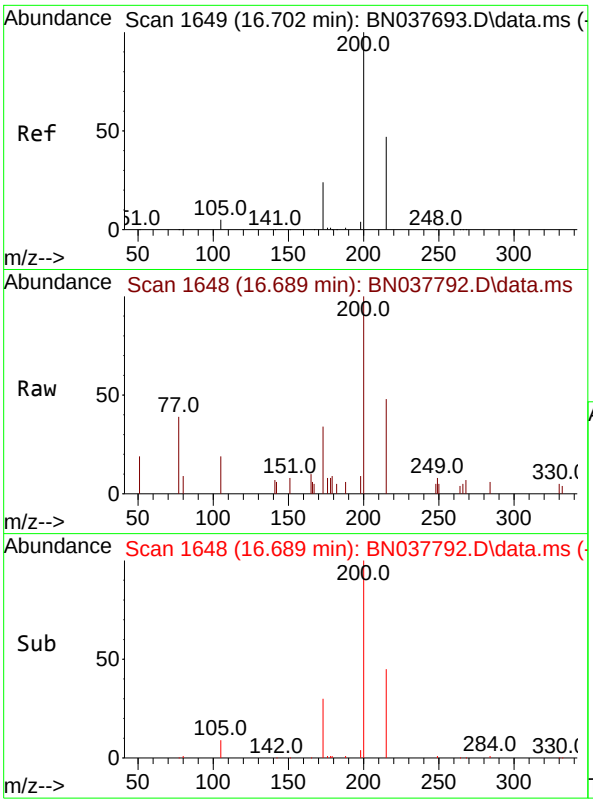


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:284 Resp: 3601

Ion	Ratio	Lower	Upper
284	100		
142	37.9	30.9	46.3
249	28.9	24.8	37.2

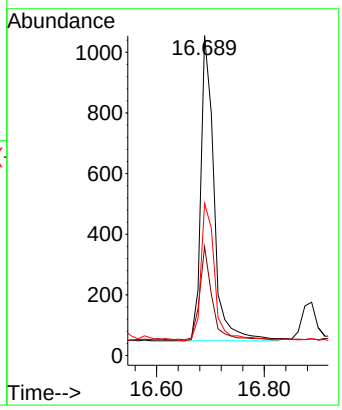




#23
Atrazine
Concen: 0.333 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:200 Resp: 171

Ion	Ratio	Lower	Upper
200	100		
173	34.0	21.4	32.2
215	47.6	39.2	58.8



Instrument :
BNA_N
ClientSampleId :
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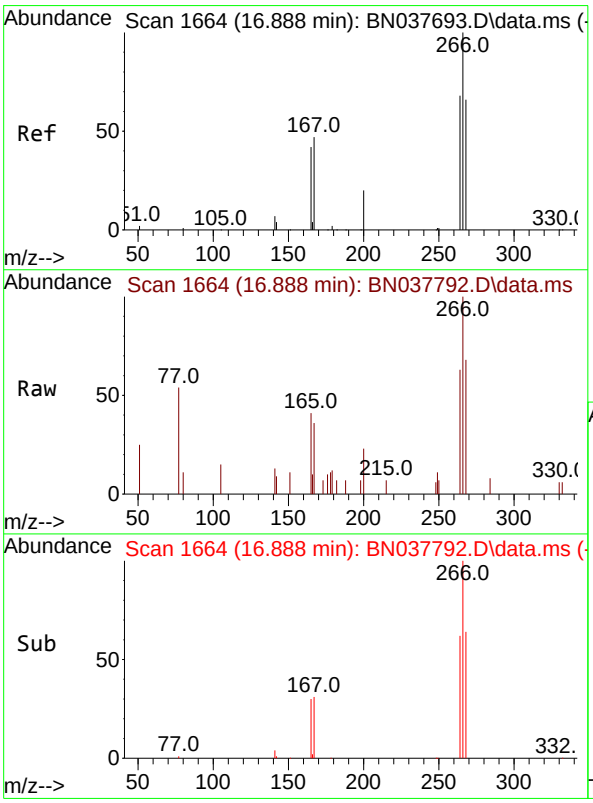
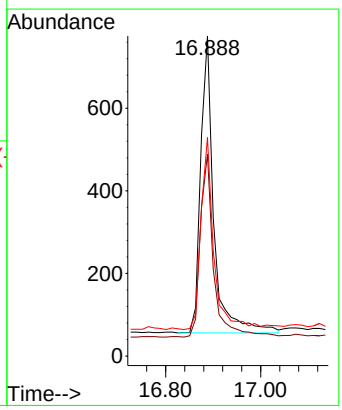
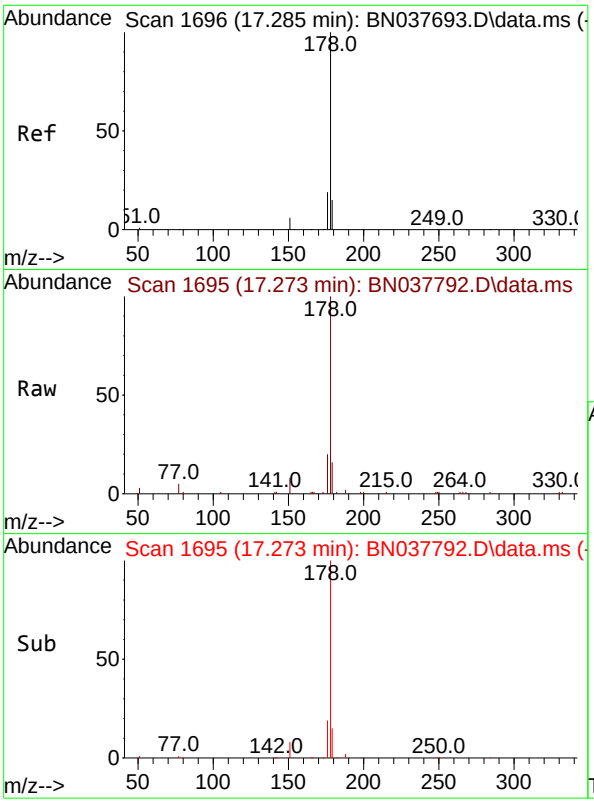


#24
Pentachlorophenol
Concen: 0.515 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:266 Resp: 1388

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.6	77.4
268	65.3	53.2	79.8

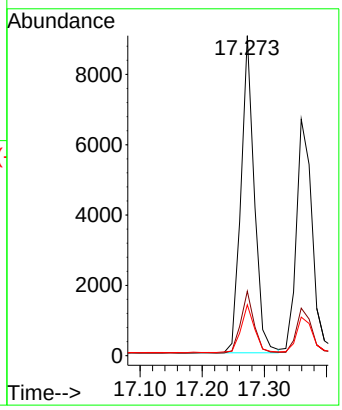




#25
Phenanthrene
Concen: 0.346 ng
RT: 17.273 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:178 Resp: 1350

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.3	12.2	18.2



Instrument :
BNA_N
ClientSampleId :
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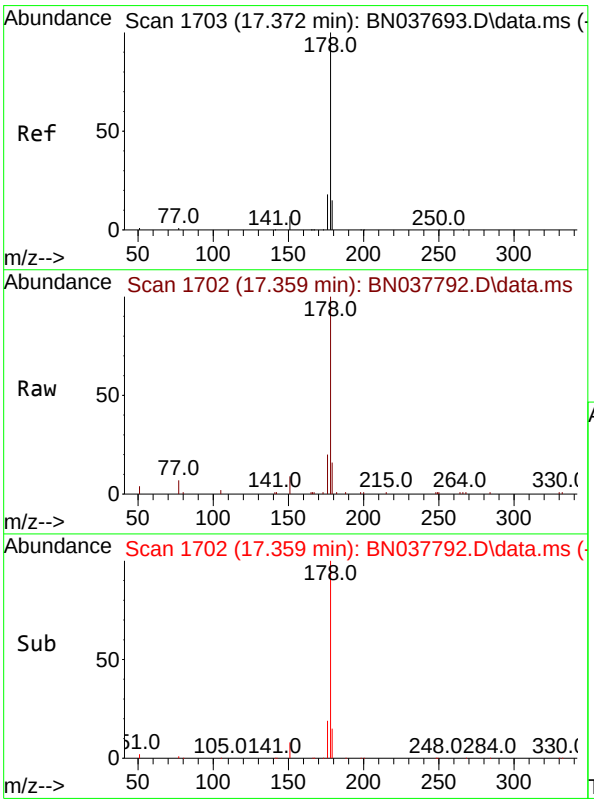
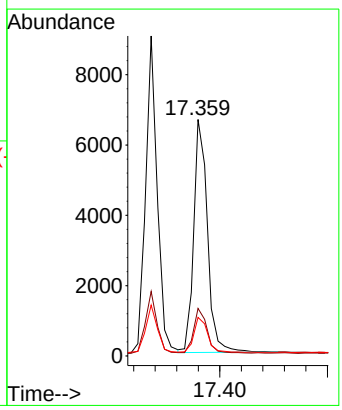
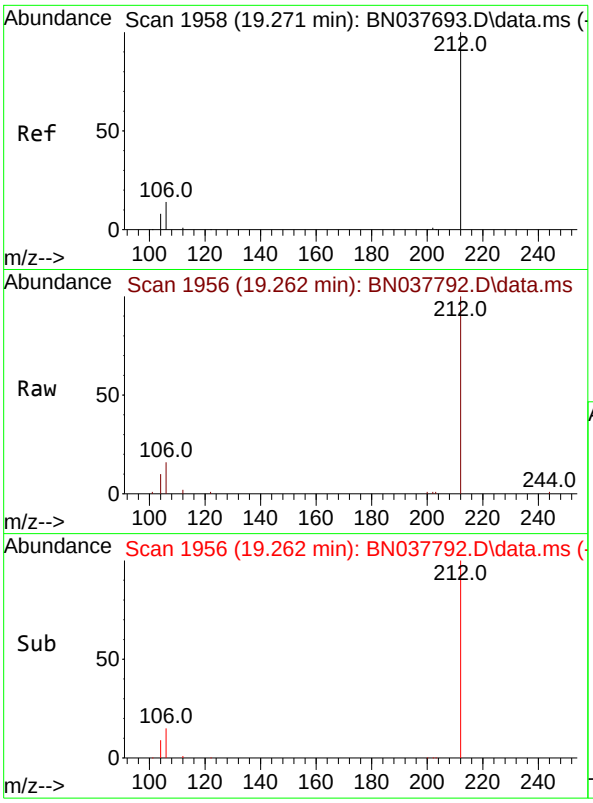


#26
Anthracene
Concen: 0.340 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:178 Resp: 11748

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.4	12.2	18.4

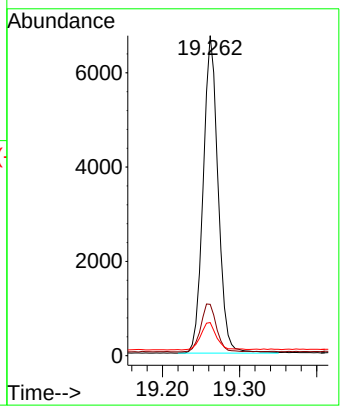




#27
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.262 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:212 Resp: 905

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.2	18.2
104	9.2	6.9	10.3



Instrument :
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ClientSampleId :
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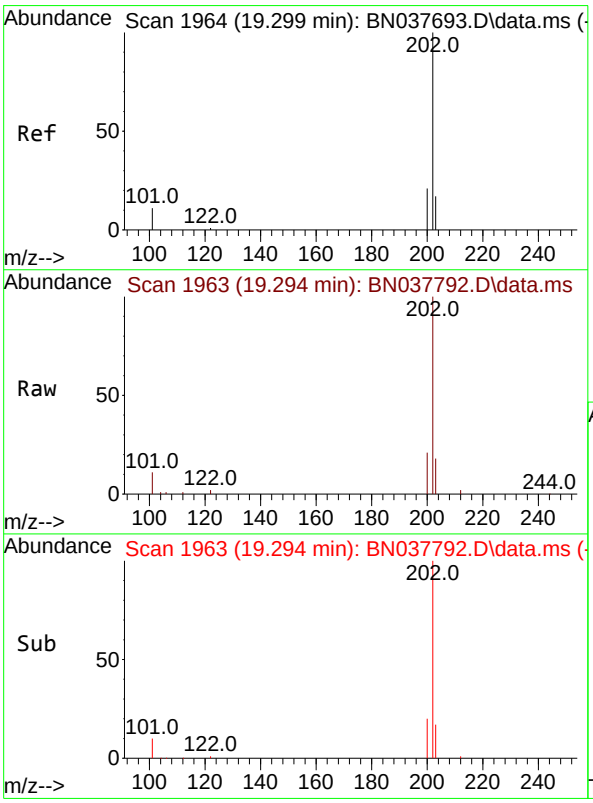
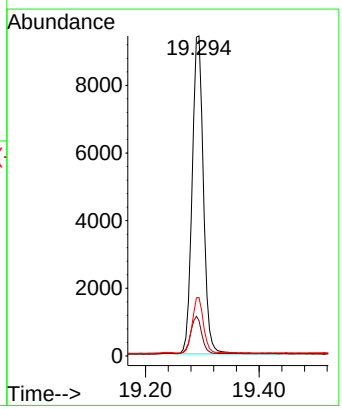
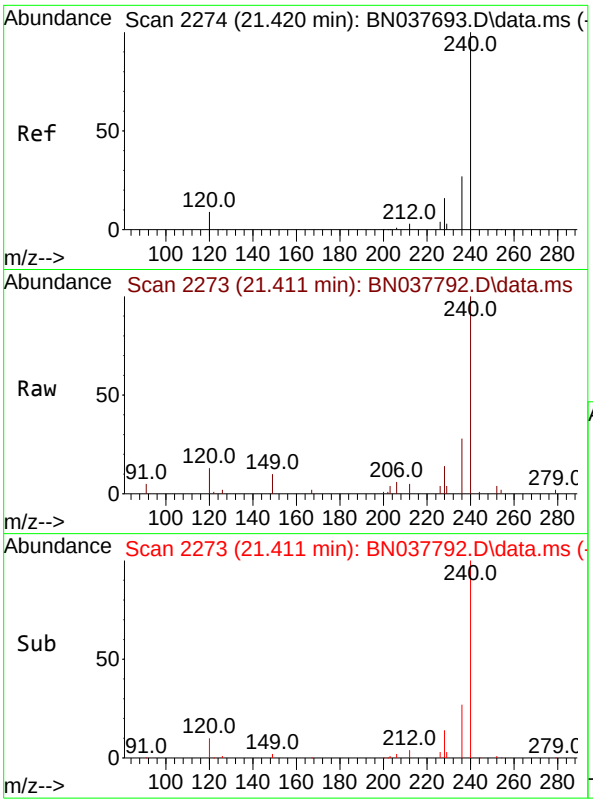


#28
Fluoranthene
Concen: 0.302 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:202 Resp: 12912

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
203	17.3	13.7	20.5

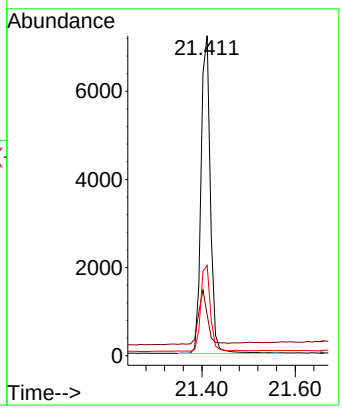




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:240 Resp: 1009

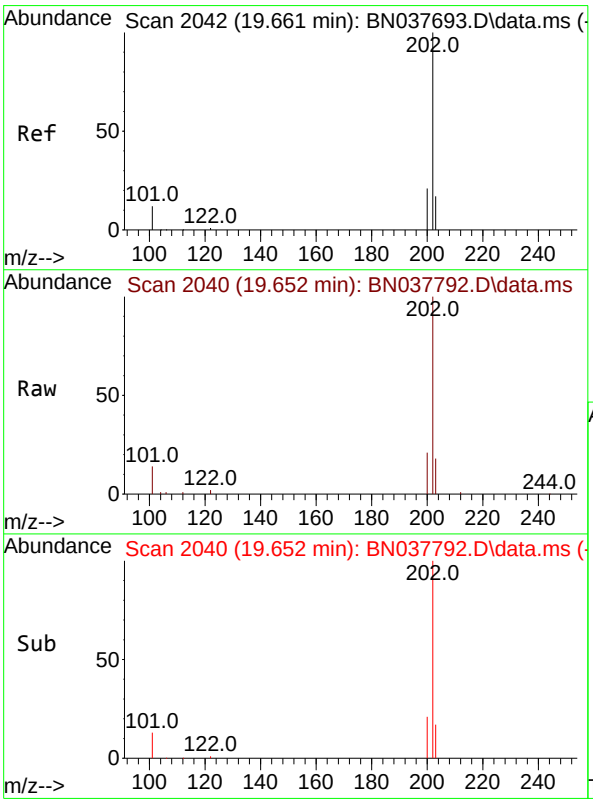
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	28.2	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations APPROVED

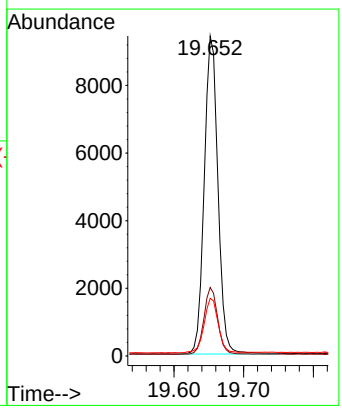
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

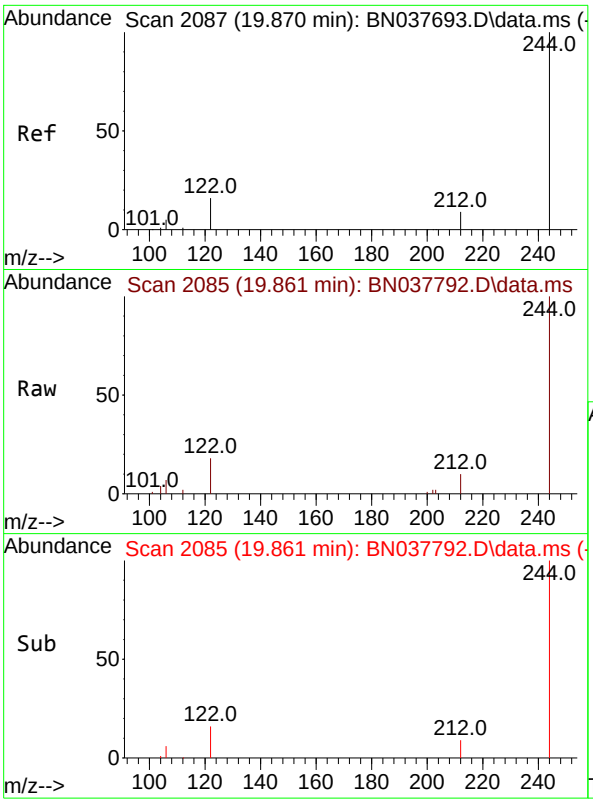


#30
Pyrene
Concen: 0.325 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:202 Resp: 12854

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.3	21.5

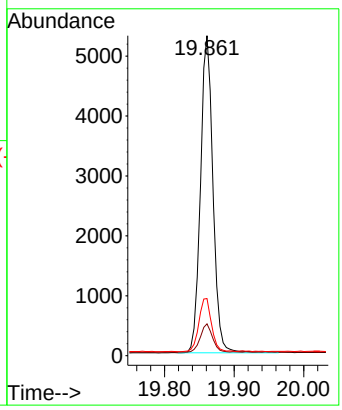




#31
Terphenyl-d14
Concen: 0.322 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:244 Resp: 659

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.5	11.3
122	17.8	13.2	19.8



Instrument :
BNA_N
ClientSampleId :
PB169693BS

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Reviewed By :Rahul Chavli 09/19/2025
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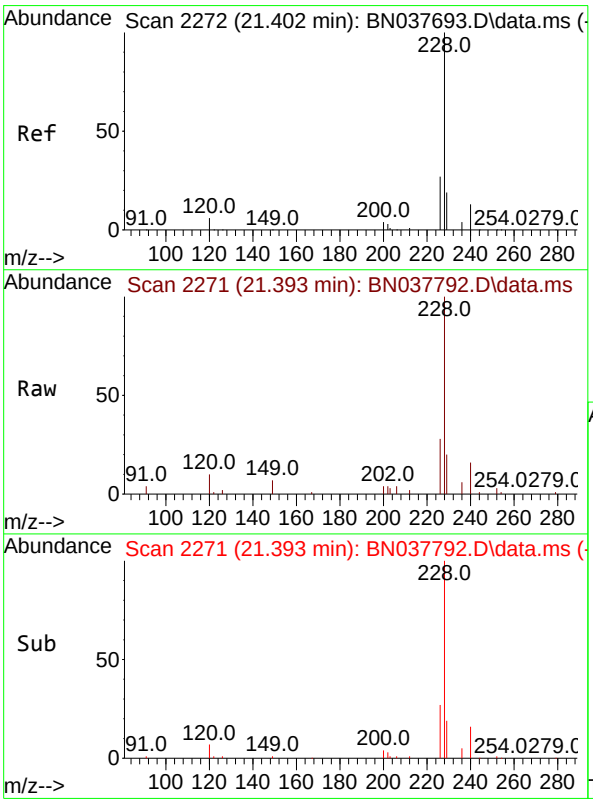
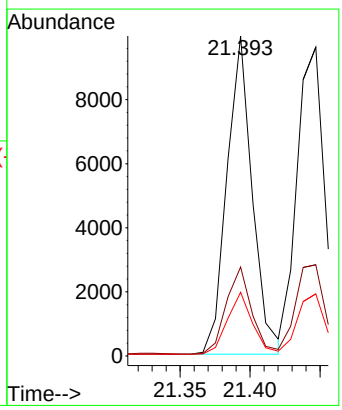
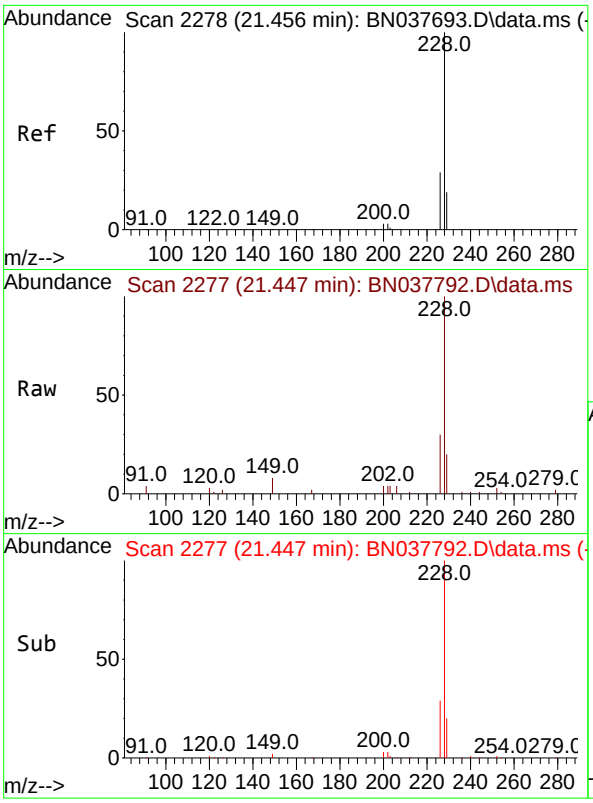


#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:228 Resp: 12540

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	19.9	15.8	23.6

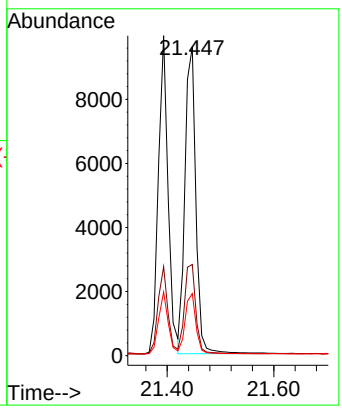




#33
Chrysene
Concen: 0.359 ng
RT: 21.447 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:228 Resp: 1356

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	20.1	15.9	23.9



Instrument :
BNA_N
ClientSampleId :
PB169693BS

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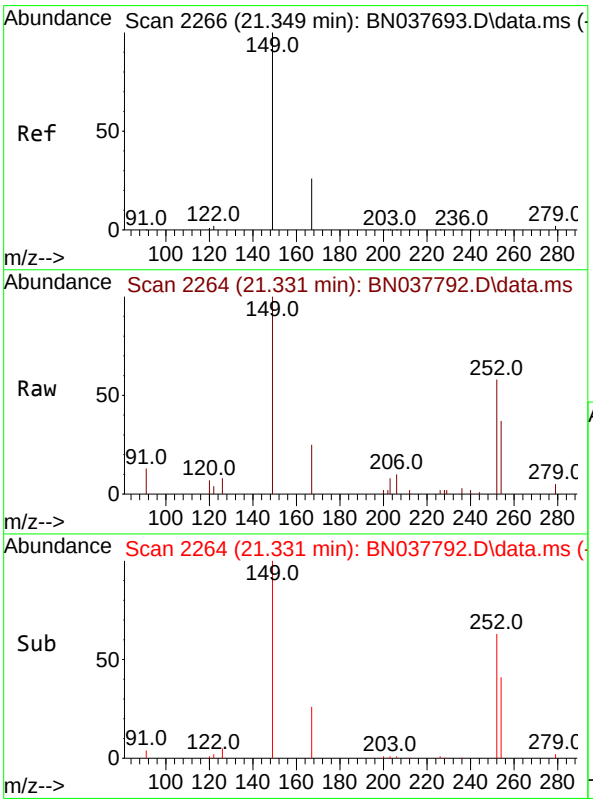
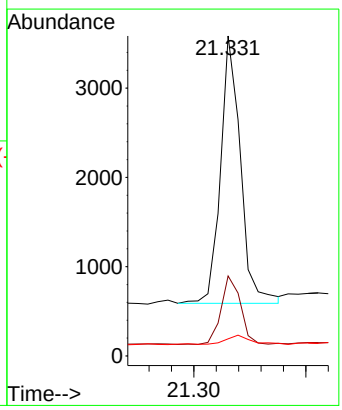
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

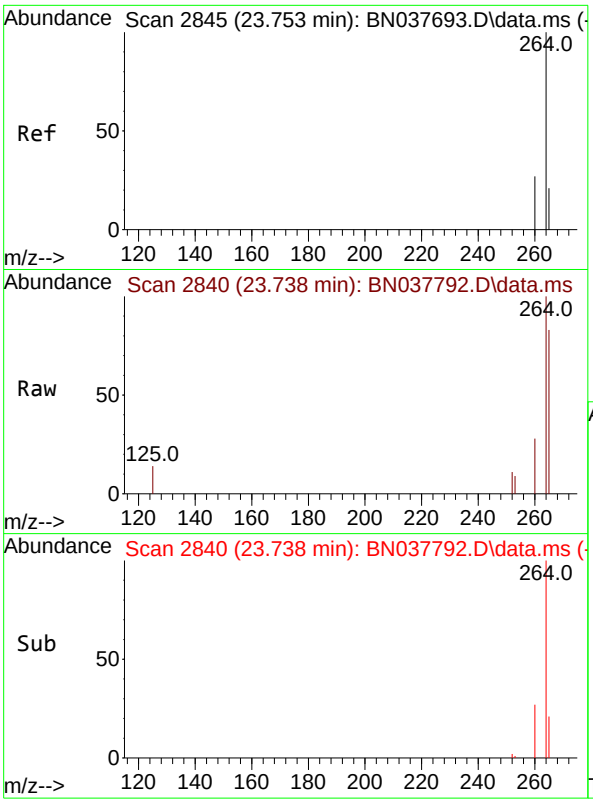


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:149 Resp: 3708

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.8	31.2
279	4.3	3.3	4.9

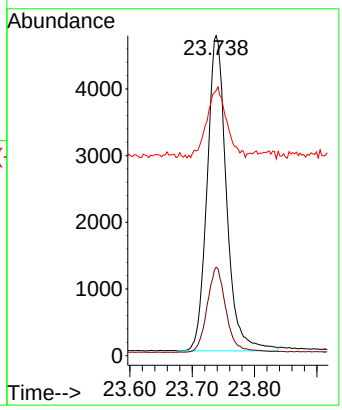




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:264 Resp: 1020

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	82.9	39.4	59.2



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
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Reviewed By :Rahul Chavli 09/19/2025
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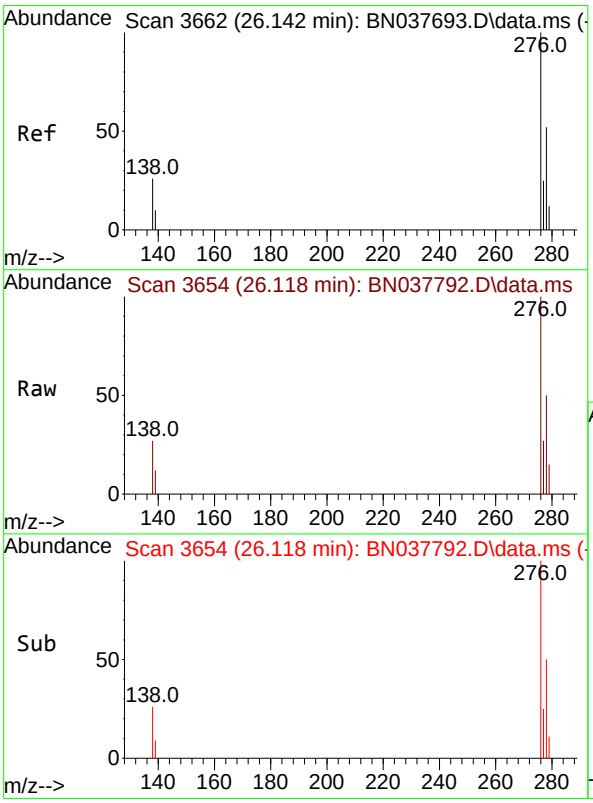
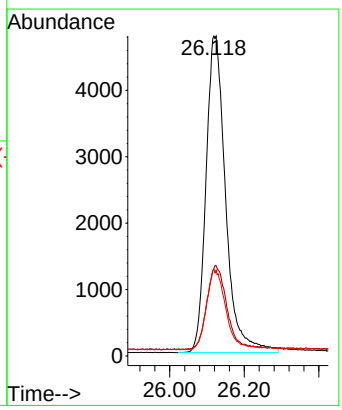
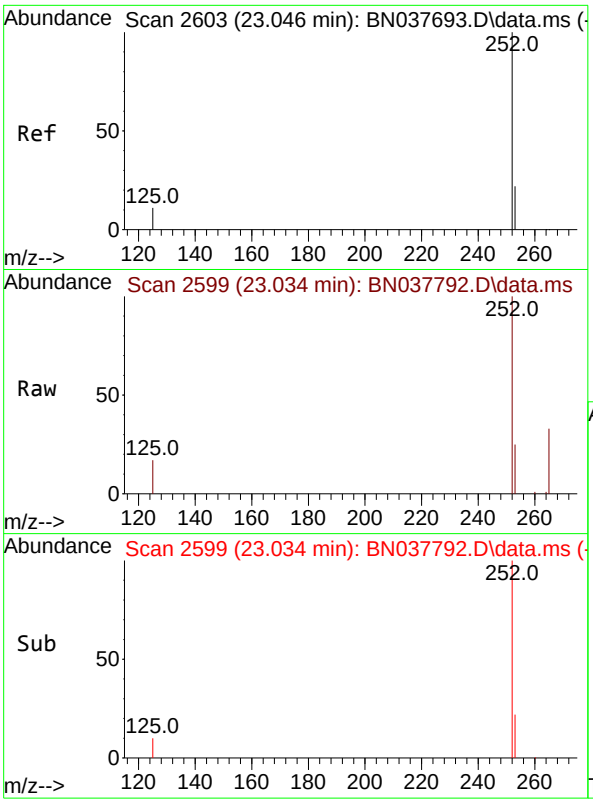


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.118 min Scan# 3654
Delta R.T. -0.024 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:276 Resp: 17423

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.9	32.9
277	25.2	20.1	30.1

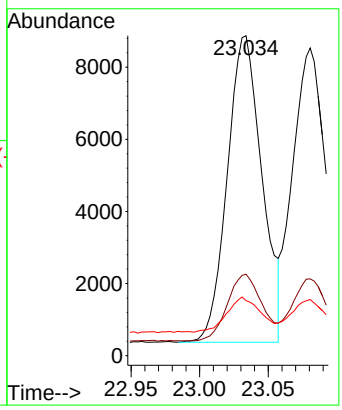




#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.034 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:252 Resp: 1495

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.2
125	17.2	11.2	16.8#



Instrument :
BNA_N
ClientSampleId :
PB169693BS

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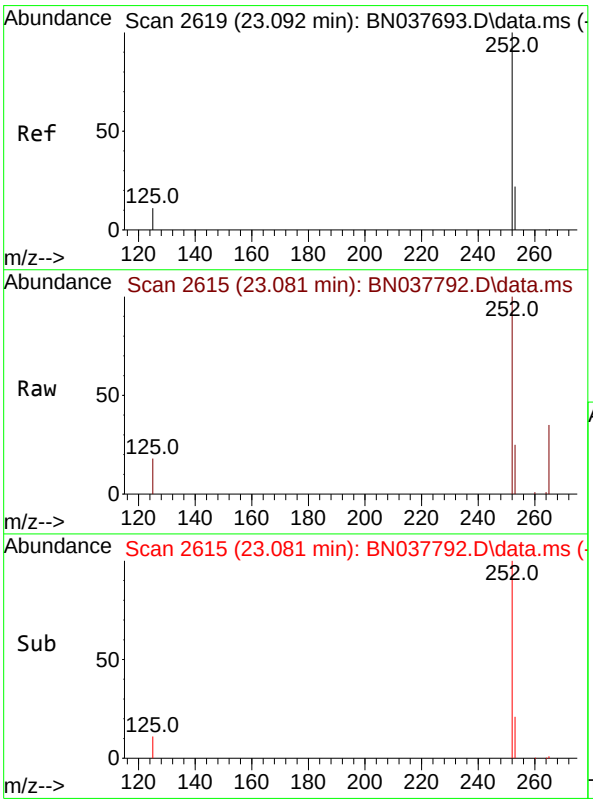
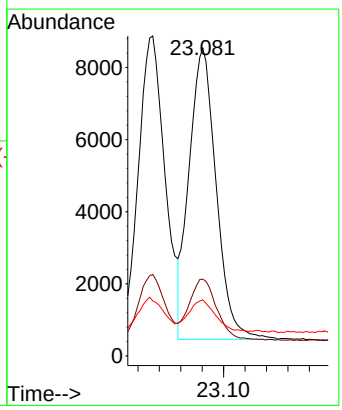
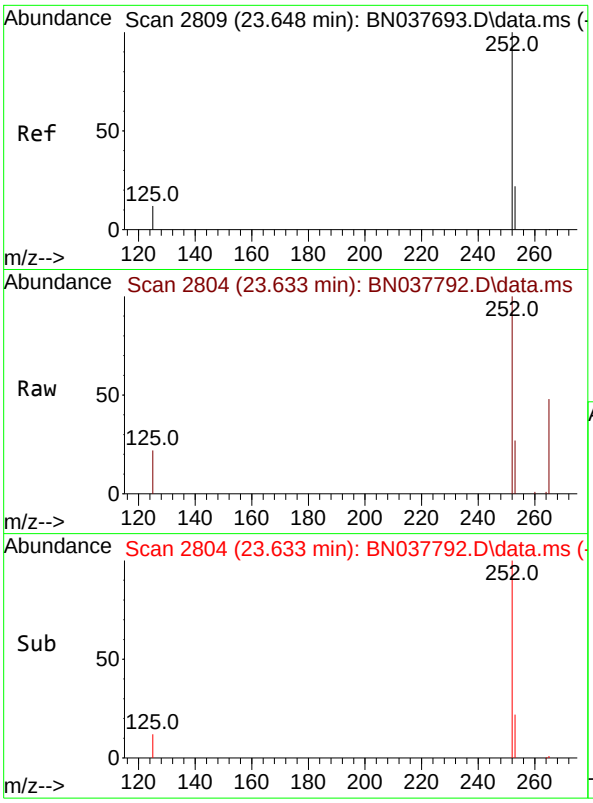


#38
Benzo(k)fluoranthene
Concen: 0.348 ng m
RT: 23.081 min Scan# 2615
Delta R.T. -0.012 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:252 Resp: 14241

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.0
125	18.3	11.6	17.4#

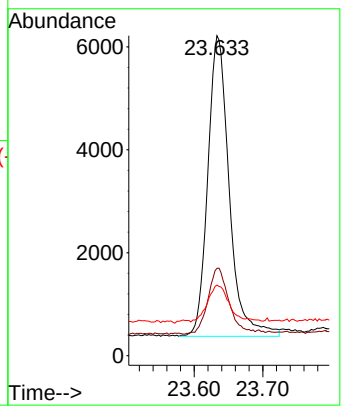




#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.633 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:252 Resp: 1271

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.8	31.2
125	22.1	13.9	20.9



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
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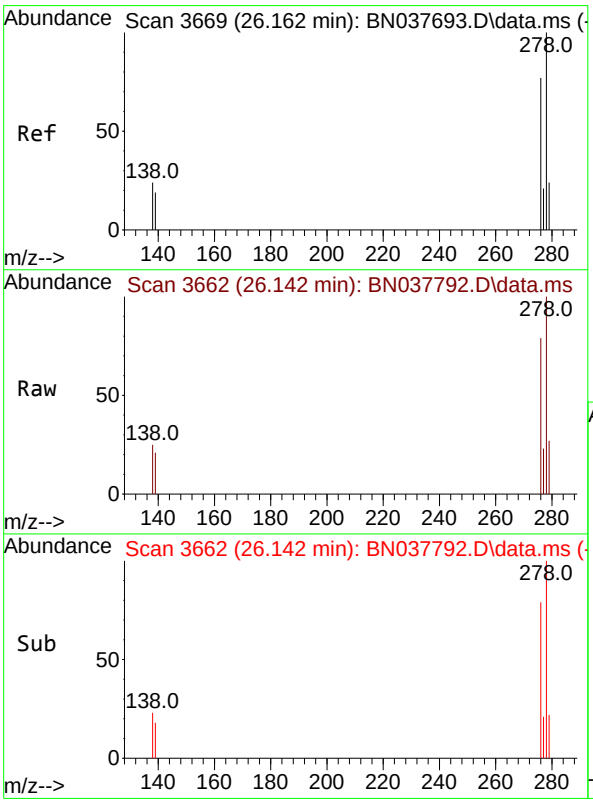
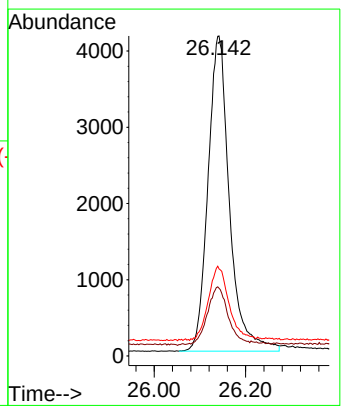
Supervised By :mohammad ahmed 09/23/2025

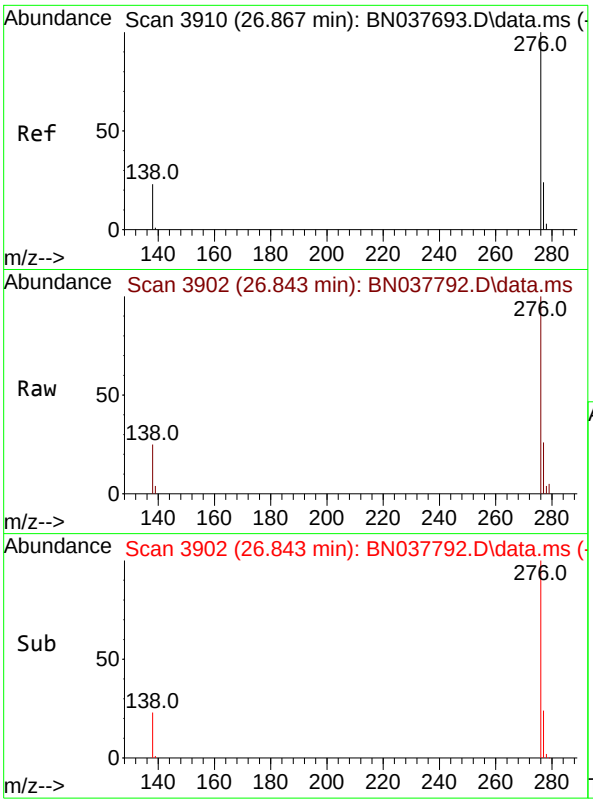


#40
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.142 min Scan# 3662
Delta R.T. -0.021 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:278 Resp: 13475

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.8	26.6
279	27.2	22.0	33.0

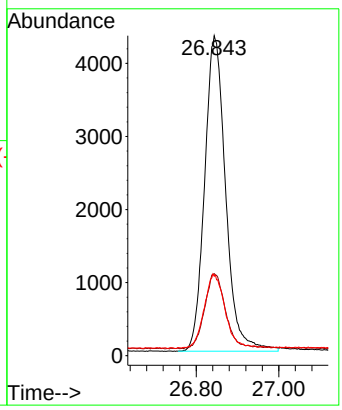




#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.843 min Scan# 3
Delta R.T. -0.024 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:276 Resp: 1527

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.6	31.0
138	24.8	20.2	30.2



Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations
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Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

A B C D E F G H I J K

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037772.D
Acq On : 18 Sep 2025 11:48
Operator : RC/JU
Sample : Q3097-02MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

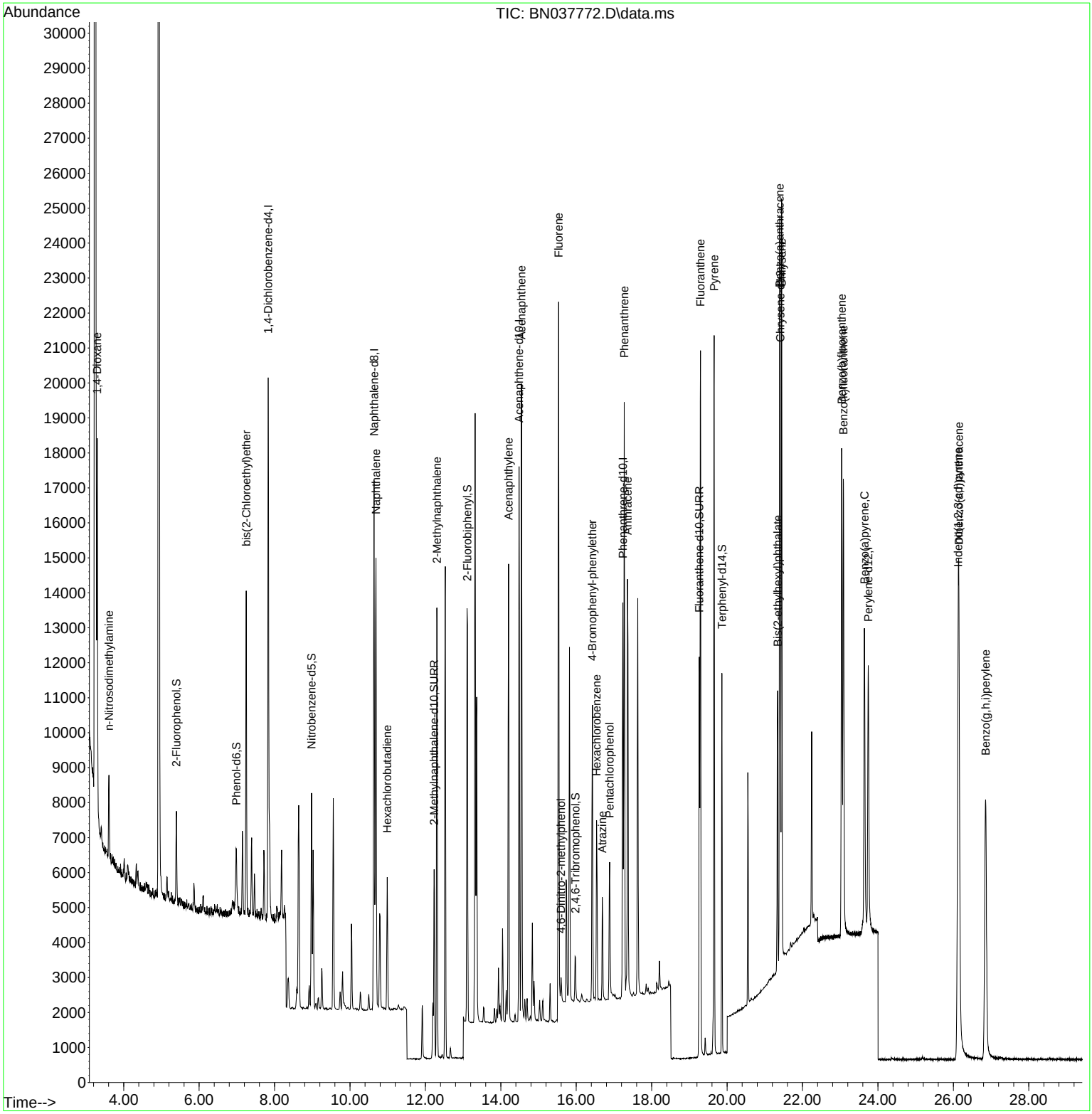
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	7218	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	19437	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8792	0.400	ng		-0.01
19) Phenanthrene-d10	17.236	188	14560	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	11077	0.400	ng		# 0.00
35) Perylene-d12	23.744	264	10712	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2158	0.130	ng		0.00
5) Phenol-d6	6.988	99	1612	0.075	ng		0.00
8) Nitrobenzene-d5	8.982	82	4623	0.325	ng		-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7201	0.280	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	880	0.384	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	11146	0.303	ng		0.00
27) Fluoranthene-d10	19.262	212	12673	0.347	ng		0.00
31) Terphenyl-d14	19.861	244	9630	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	5443	0.724	ng		95
3) n-Nitrosodimethylamine	3.608	42	1281	0.130	ng		87
6) bis(2-Chloroethyl)ether	7.248	93	6334	0.330	ng		99
9) Naphthalene	10.690	128	17098	0.322	ng		99
10) Hexachlorobutadiene	10.989	225	2914	0.303	ng	#	100
12) 2-Methylnaphthalene	12.304	142	9253	0.282	ng		100
16) Acenaphthylene	14.206	152	13679	0.339	ng		100
17) Acenaphthene	14.548	154	8588	0.315	ng		99
18) Fluorene	15.535	166	10257	0.311	ng		98
20) 4,6-Dinitro-2-methylph...	15.597	198	483	0.358	ng	#	72
21) 4-Bromophenyl-phenylether	16.429	248	3439	0.362	ng	#	89
22) Hexachlorobenzene	16.540	284	4153	0.380	ng		97
23) Atrazine	16.689	200	2516	0.417	ng	#	91
24) Pentachlorophenol	16.888	266	2259	0.712	ng		97
25) Phenanthrene	17.273	178	17041	0.372	ng		100
26) Anthracene	17.360	178	14357	0.354	ng		100
28) Fluoranthene	19.294	202	18098	0.360	ng		99
30) Pyrene	19.657	202	18207	0.420	ng		100
32) Benzo(a)anthracene	21.393	228	16075	0.416	ng		100
33) Chrysene	21.447	228	17366	0.419	ng		99
34) Bis(2-ethylhexyl)phtha...	21.340	149	5730	0.500	ng		98
36) Indeno(1,2,3-cd)pyrene	26.127	276	20796	0.462	ng		99
37) Benzo(b)fluoranthene	23.037	252	18047	0.428	ng		97
38) Benzo(k)fluoranthene	23.084	252	17770	0.413	ng		97
39) Benzo(a)pyrene	23.642	252	14195	0.420	ng		97
40) Dibenzo(a,h)anthracene	26.148	278	16460	0.458	ng		98
41) Benzo(g,h,i)perylene	26.855	276	17542	0.435	ng		98

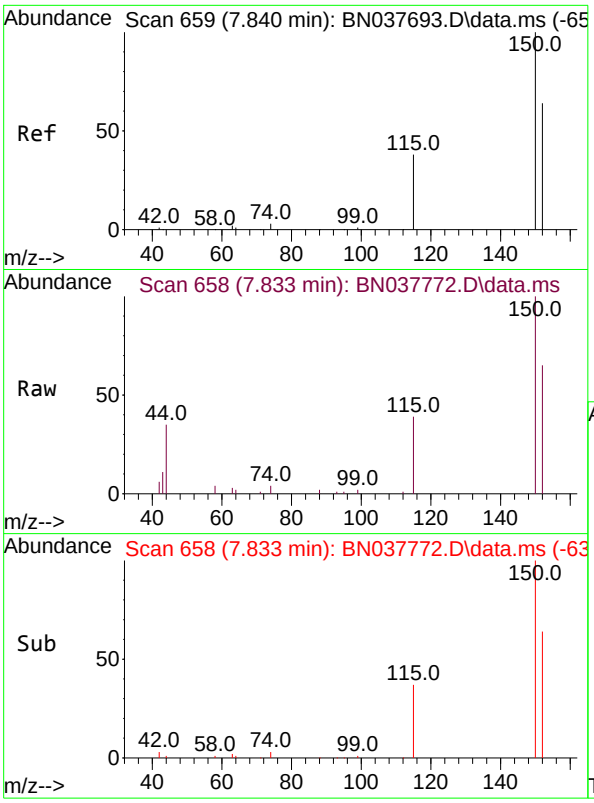
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037772.D
Acq On : 18 Sep 2025 11:48
Operator : RC/JU
Sample : Q3097-02MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



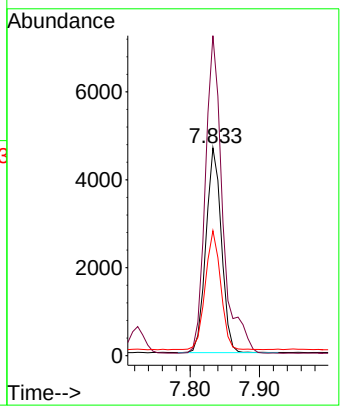


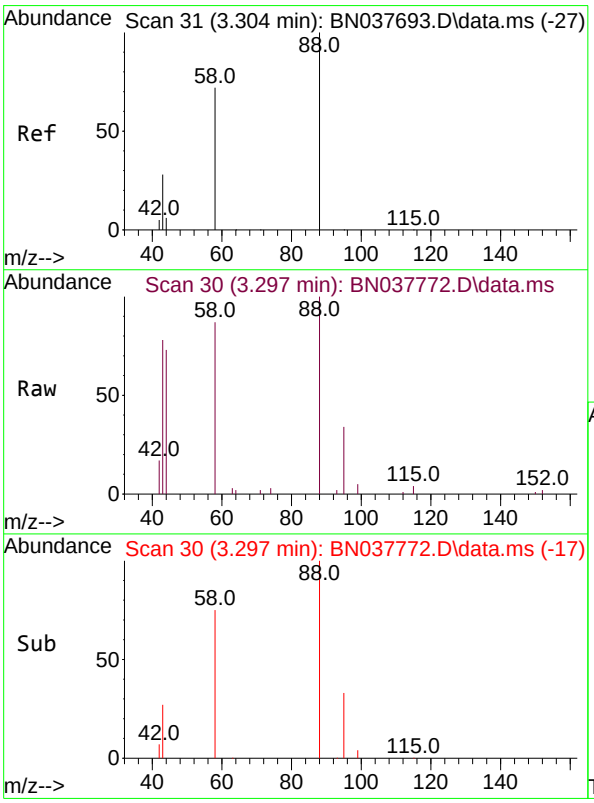
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:152 Resp: 7218

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.5	186.7
115	60.1	49.2	73.8

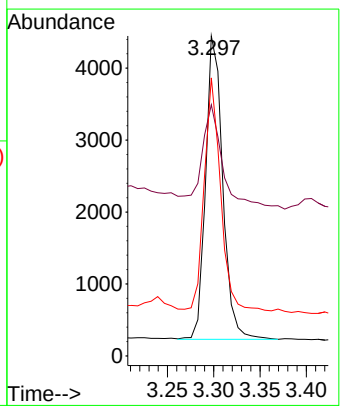


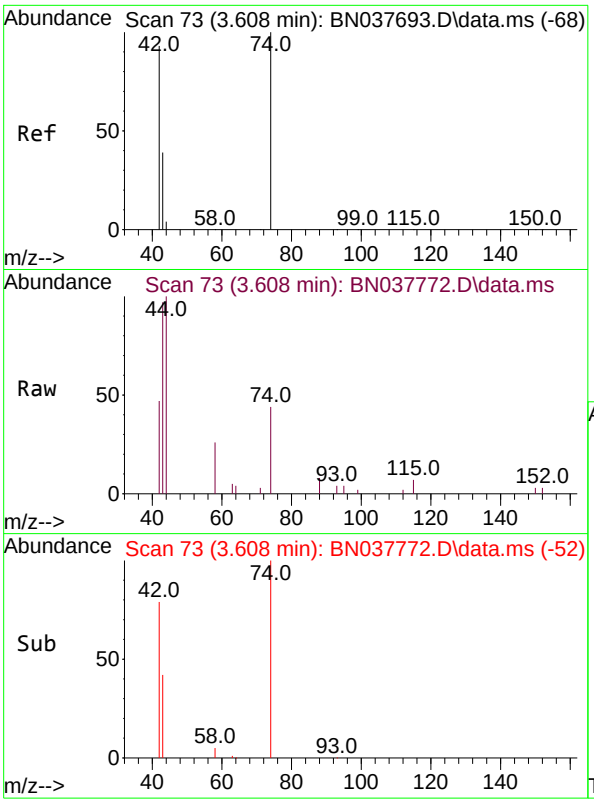


#2
1,4-Dioxane
Concen: 0.724 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion: 88 Resp: 5443

Ion	Ratio	Lower	Upper
88	100		
43	37.1	26.8	40.2
58	73.0	61.9	92.9



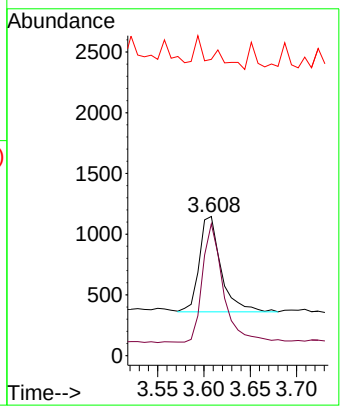


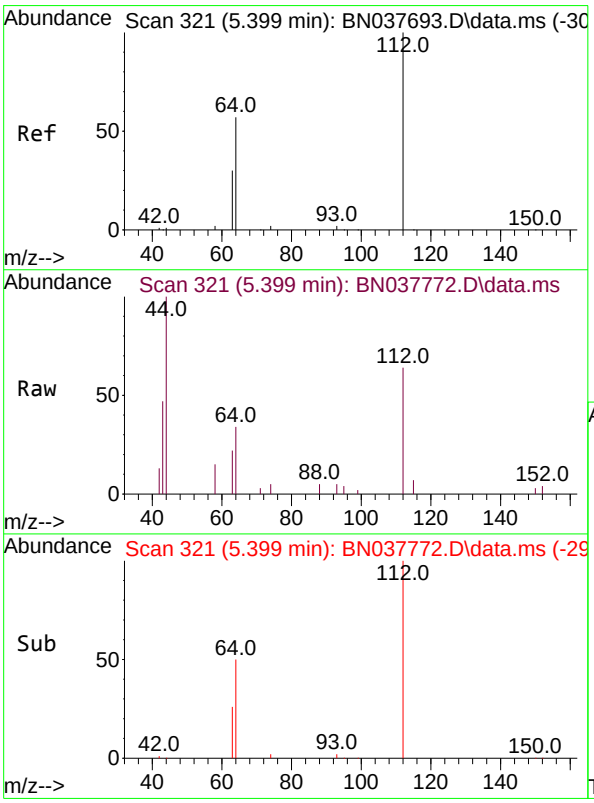
#3
n-Nitrosodimethylamine
Concen: 0.130 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion: 42 Resp: 1281

Ion	Ratio	Lower	Upper
42	100		
74	121.5	86.0	129.0
44	11.9	8.4	12.6

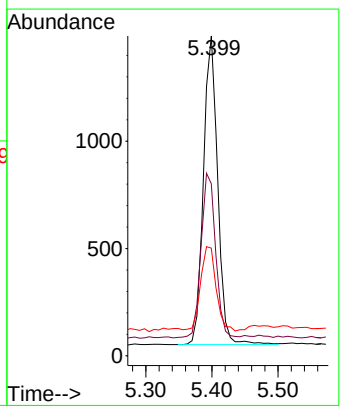


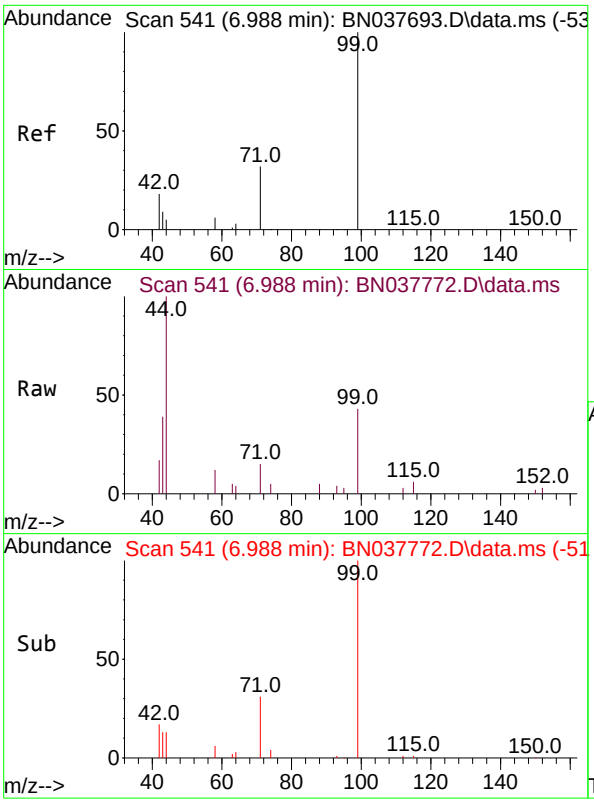


#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:112 Resp: 2158

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.9	67.3
63	29.7	24.7	37.1



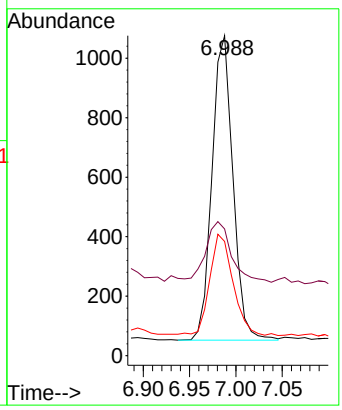


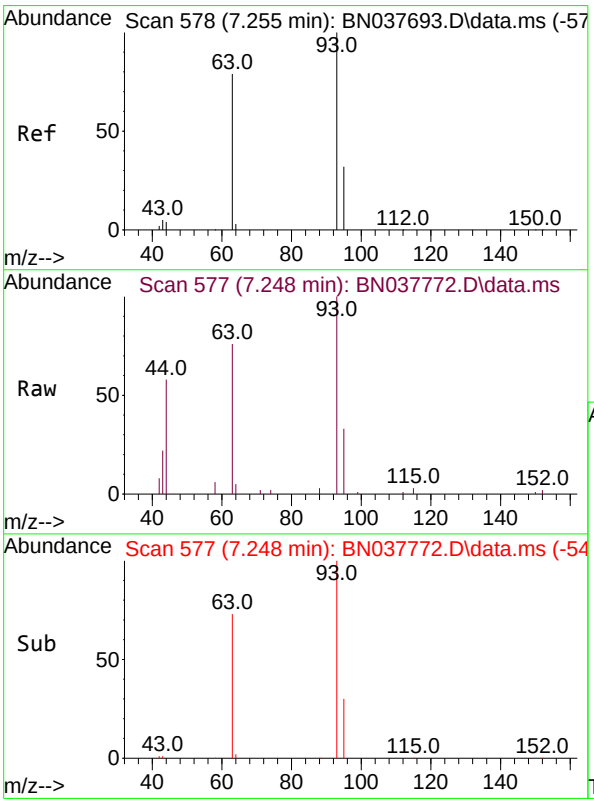
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion: 99 Resp: 1612

Ion	Ratio	Lower	Upper
99	100		
42	24.2	16.6	24.8
71	36.7	26.7	40.1

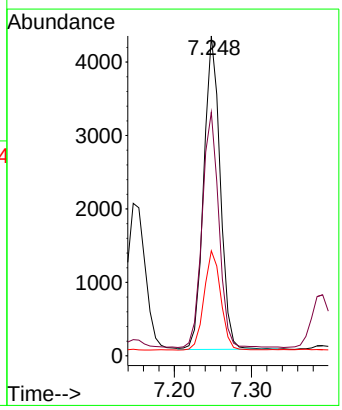


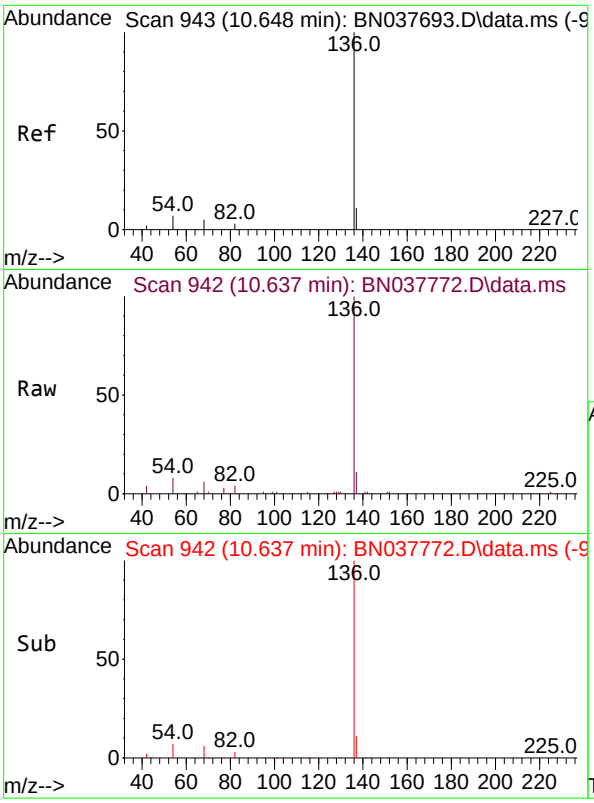


#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion: 93 Resp: 6334

Ion	Ratio	Lower	Upper
93	100		
63	76.1	60.6	90.8
95	32.0	26.0	39.0



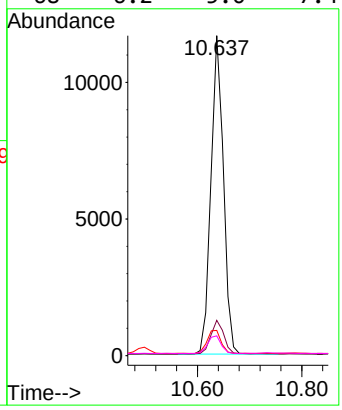


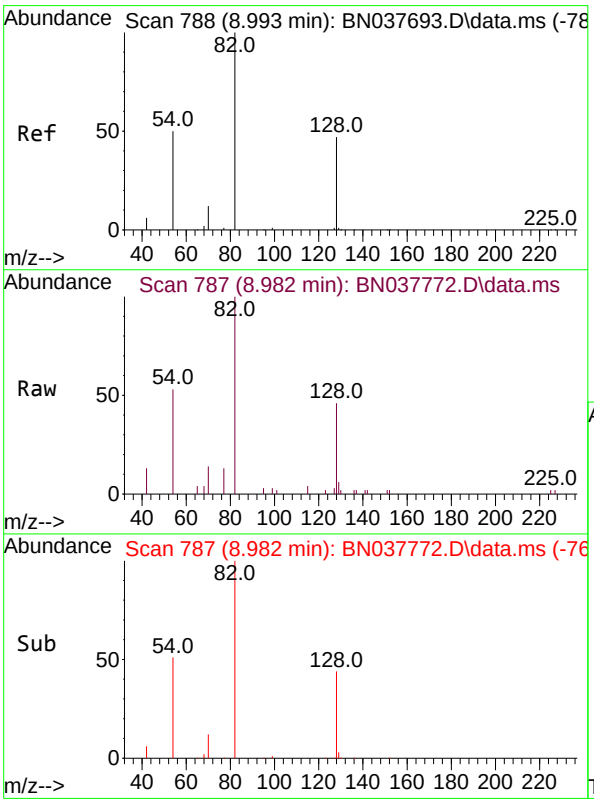
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:136 Resp: 19437

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.9	6.3	9.5
68	6.2	5.0	7.4

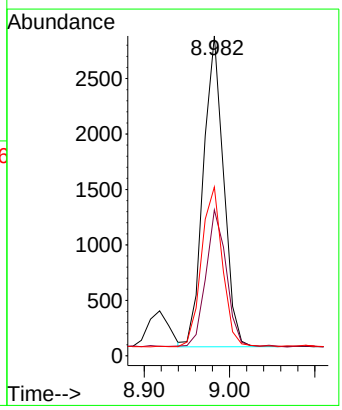


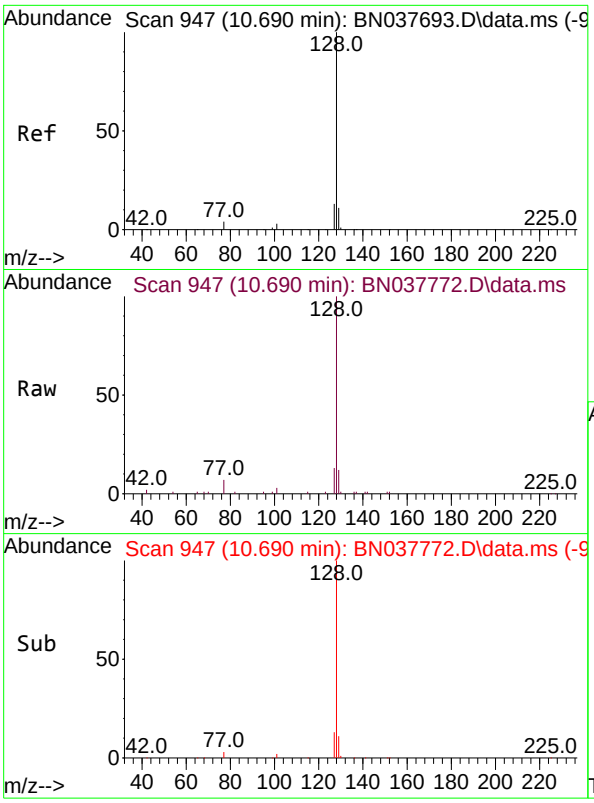


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion: 82 Resp: 4623

Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.3	57.5
54	52.8	41.4	62.2



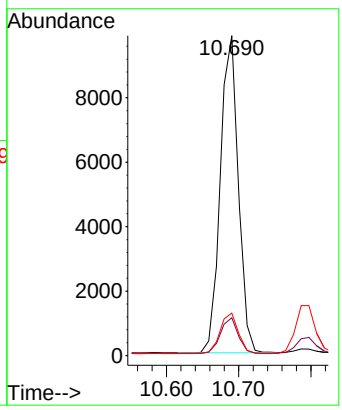


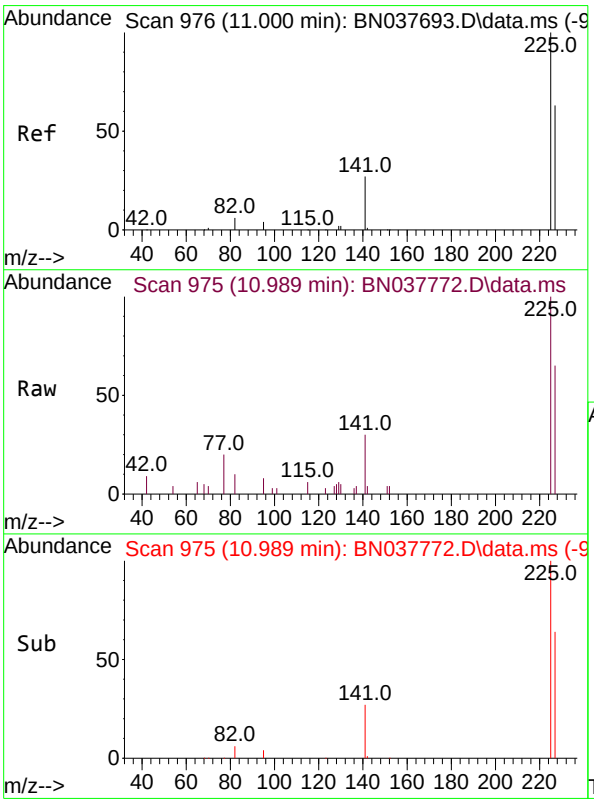
#9
Naphthalene
Concen: 0.322 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:128 Resp: 17098

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	10.9	16.3

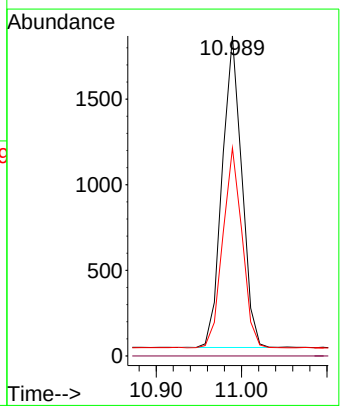


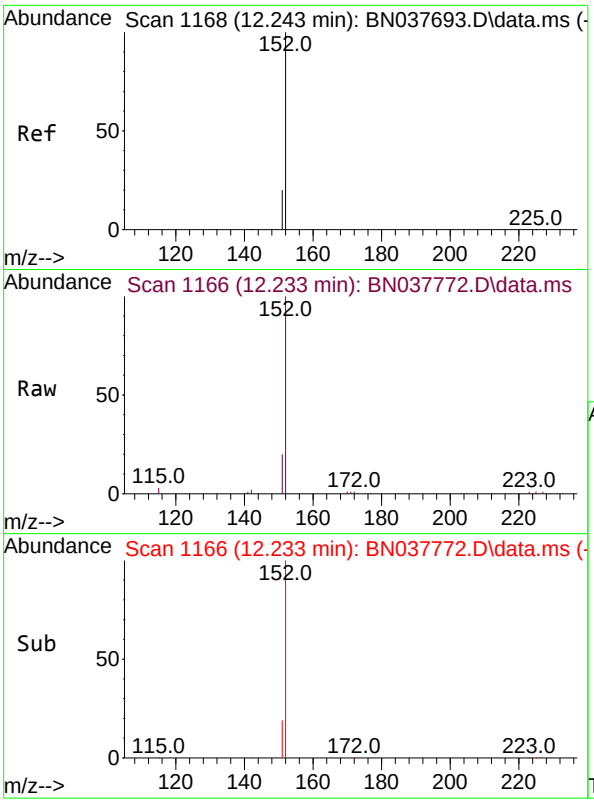


#10
Hexachlorobutadiene
Concen: 0.303 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:225 Resp: 2914

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.9	76.3



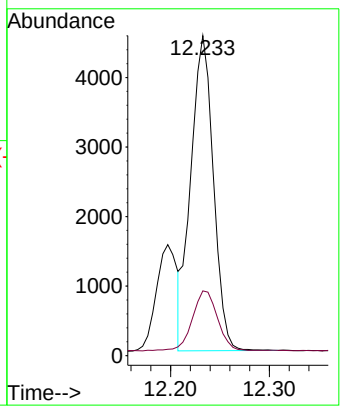


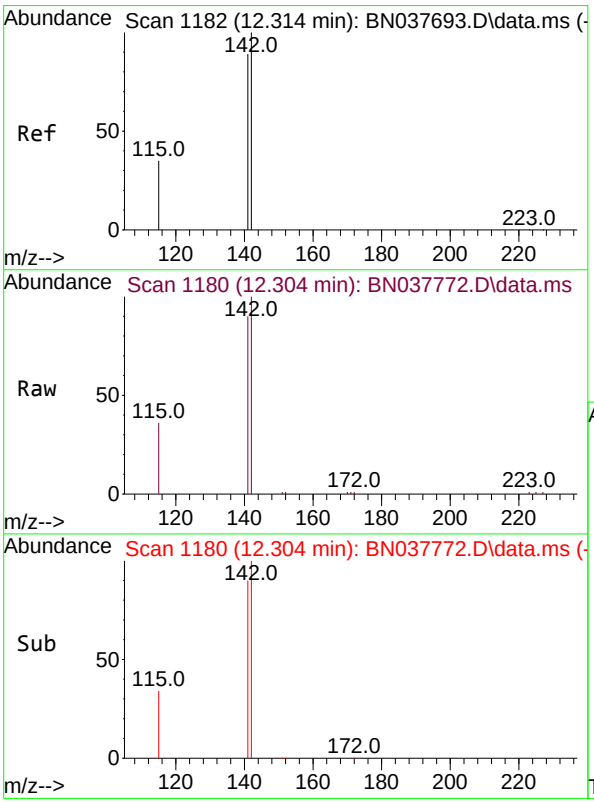
#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:152 Resp: 7201

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6

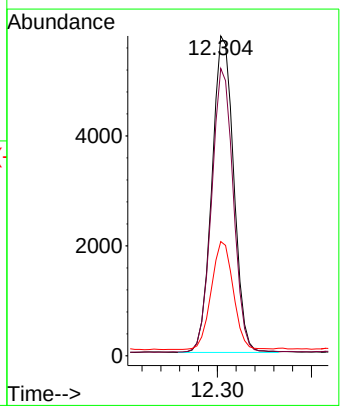


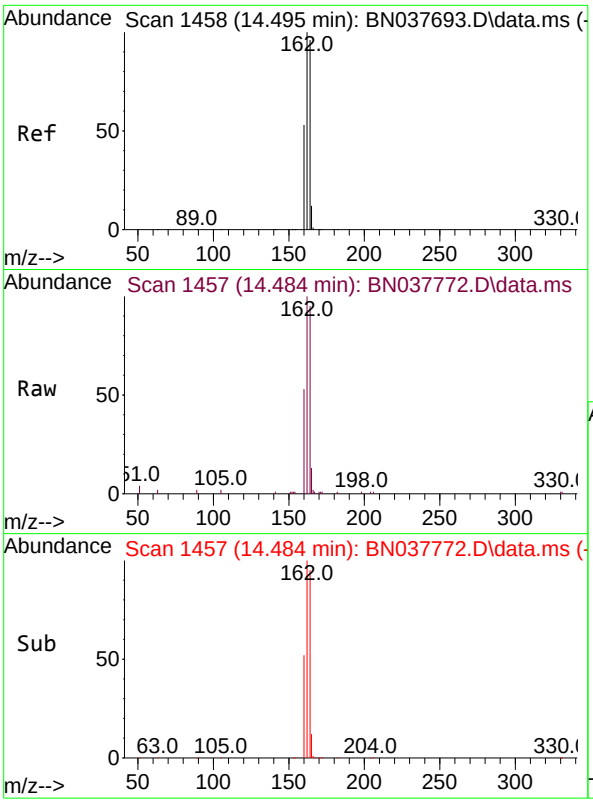


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.304 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:142 Resp: 9253

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	35.7	28.6	43.0



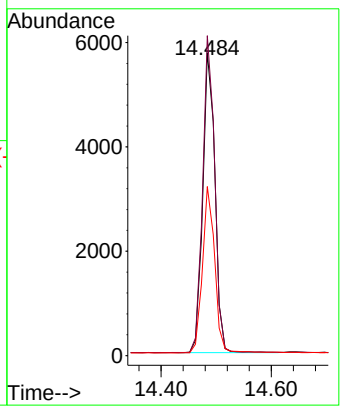


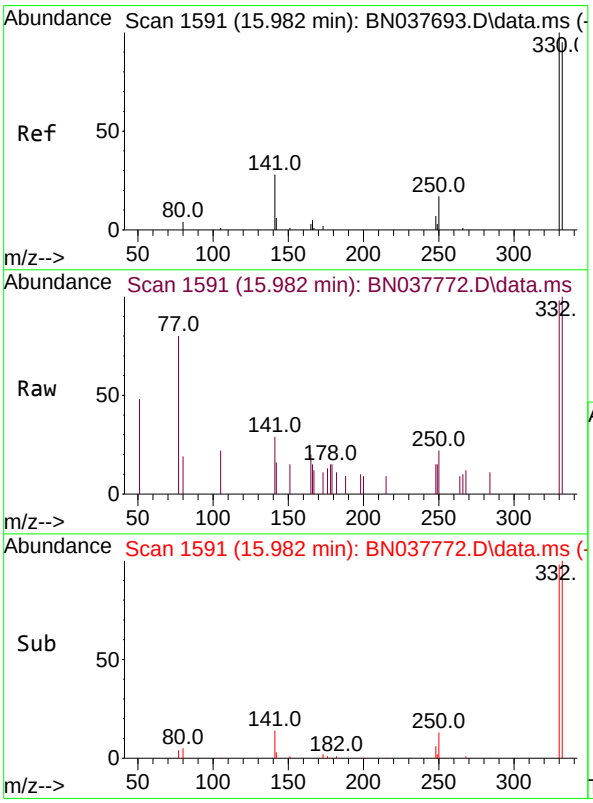
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:164 Resp: 8792

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.1	124.7
160	55.8	44.3	66.5

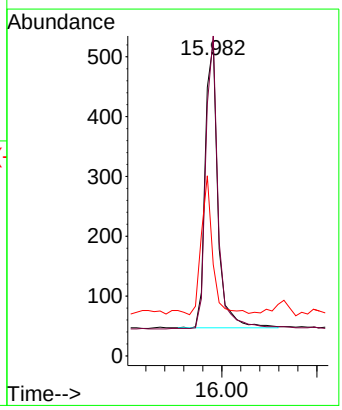


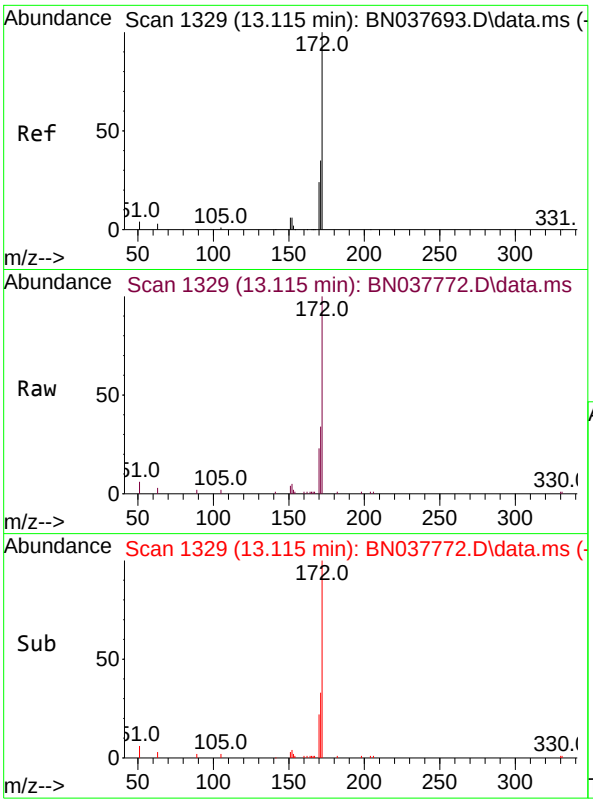


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:330 Resp: 880

Ion	Ratio	Lower	Upper
330	100		
332	100.5	75.3	112.9
141	43.6	35.0	52.4



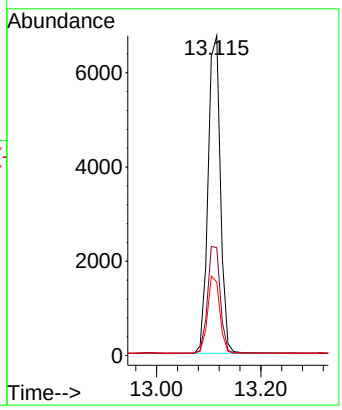


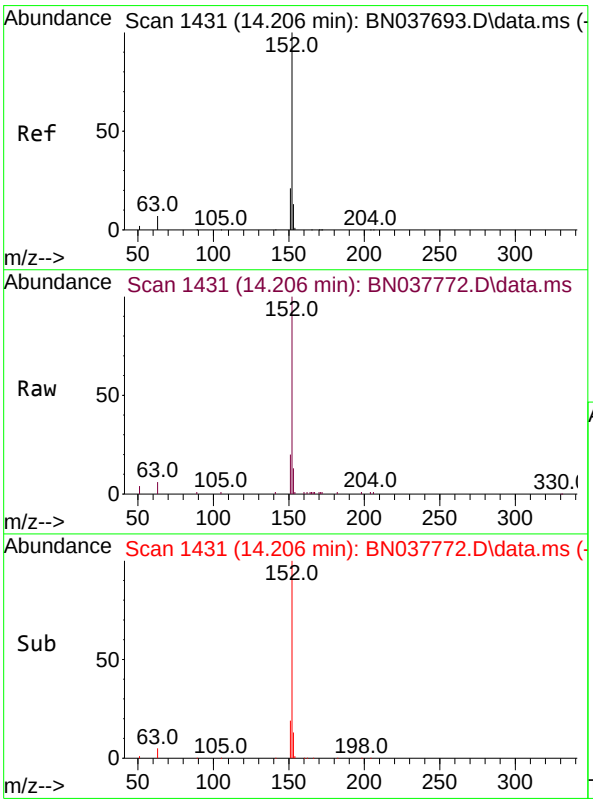
#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.115 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:172 Resp: 11146

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	43.0
170	23.0	19.8	29.8

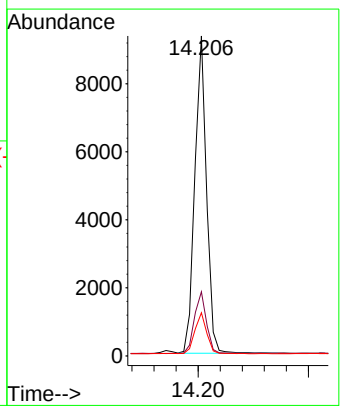


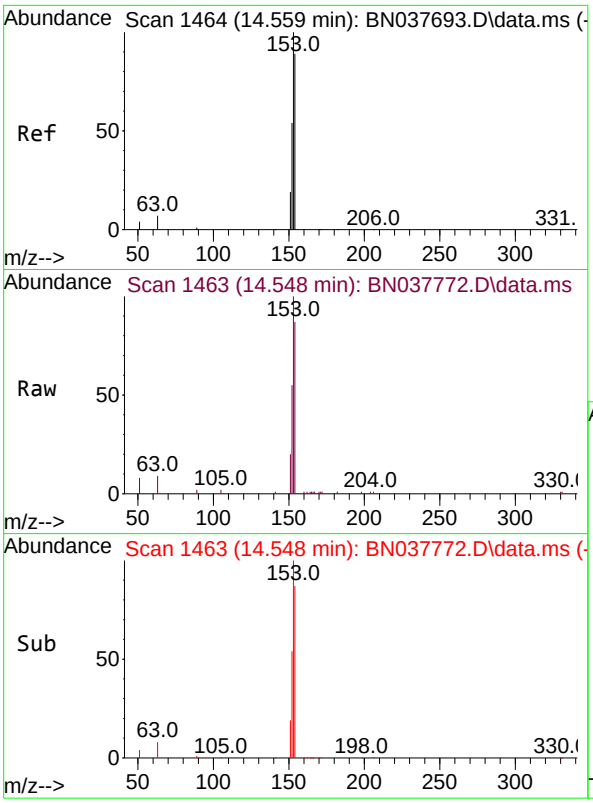


#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.206 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:152 Resp: 13679

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.4	15.6



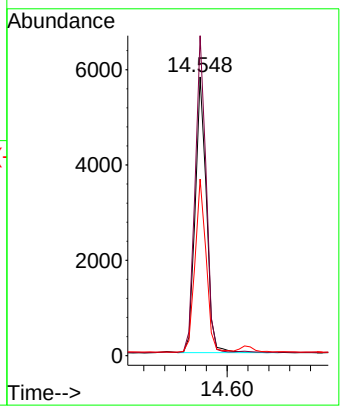


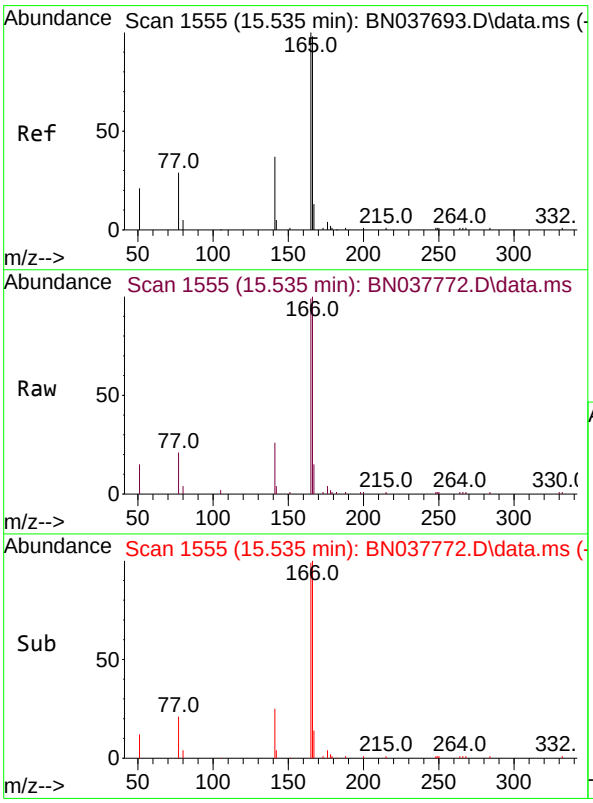
#17
Acenaphthene
Concen: 0.315 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:154 Resp: 8588

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.8
152	62.5	50.2	75.2

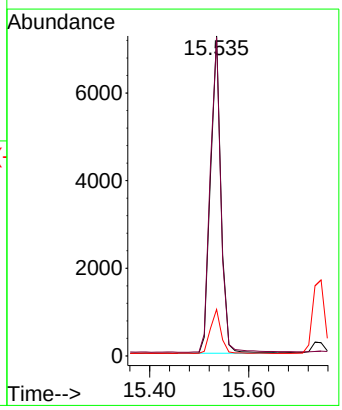


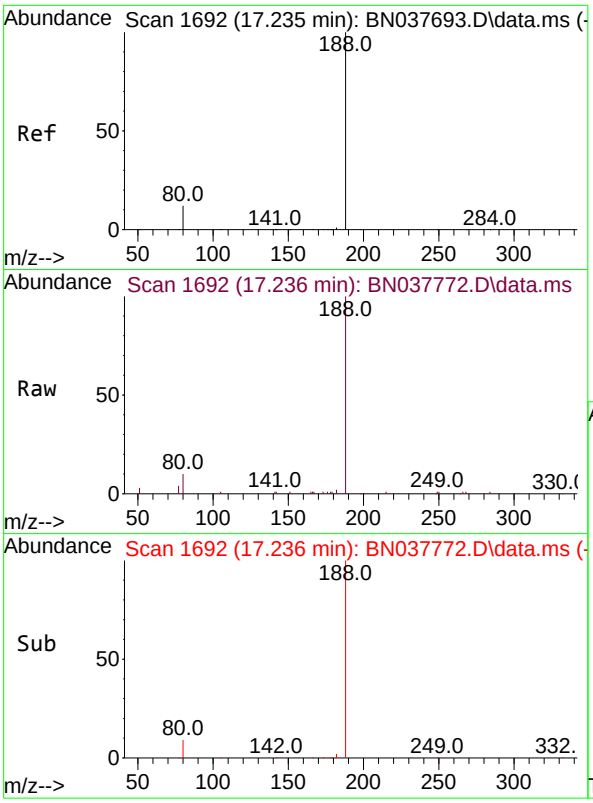


#18
Fluorene
Concen: 0.311 ng
RT: 15.535 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:166 Resp: 10257

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.6	119.4
167	14.1	10.6	16.0



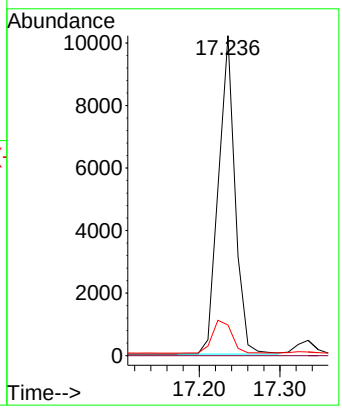


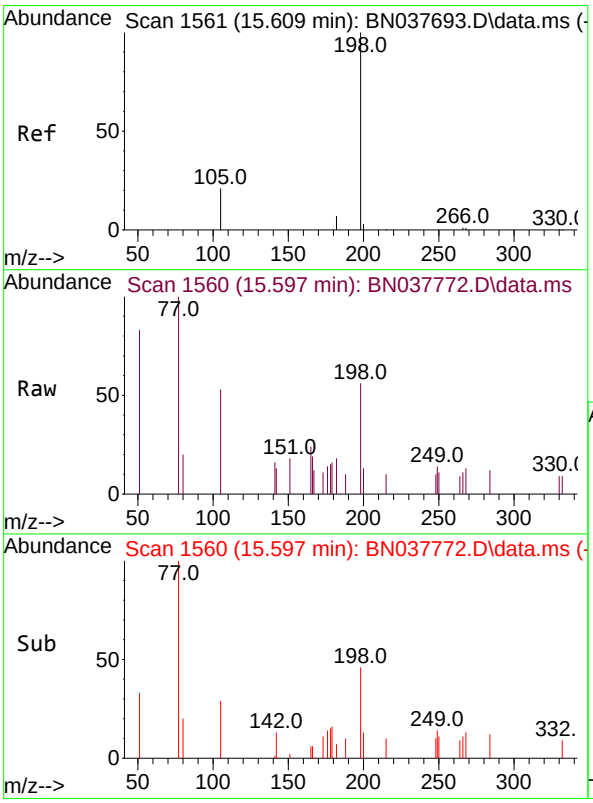
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:188 Resp: 14560

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	10.6	15.8#

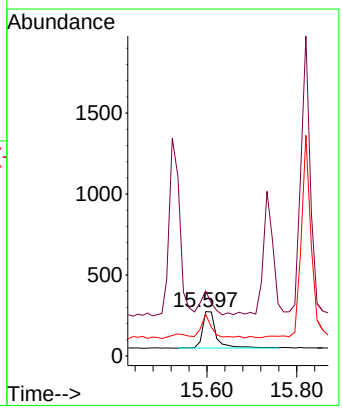


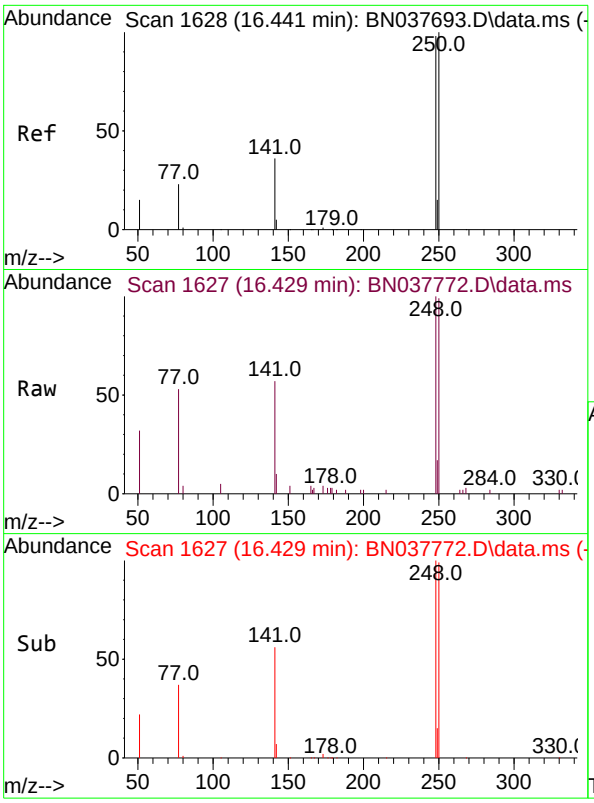


#20
4,6-Dinitro-2-methylphenol
Concen: 0.358 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:198 Resp: 483

Ion	Ratio	Lower	Upper
198	100		
51	146.4	95.1	142.7#
105	93.8	53.8	80.6#



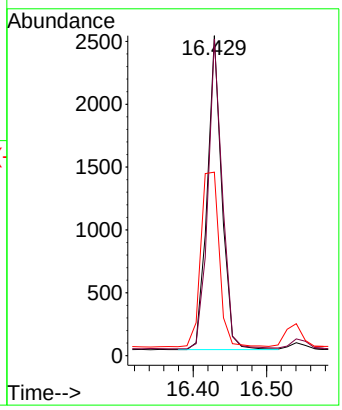


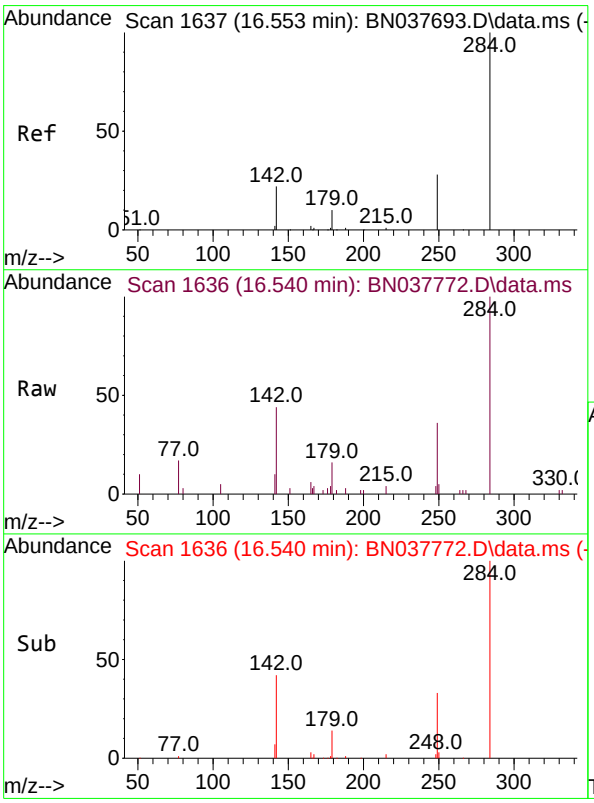
#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.429 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:248 Resp: 3439

Ion	Ratio	Lower	Upper
248	100		
250	98.9	81.5	122.3
141	57.3	30.8	46.2#

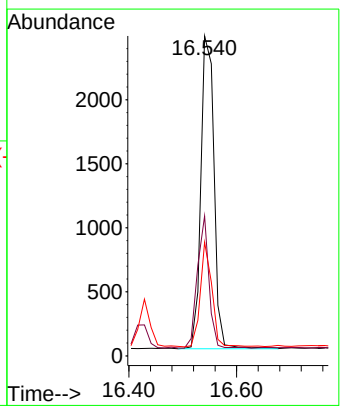


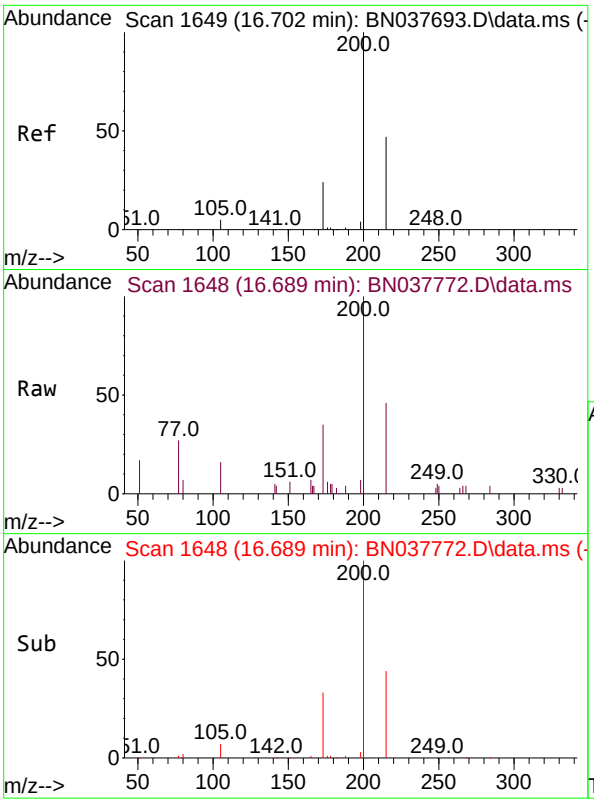


#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:284 Resp: 4153

Ion	Ratio	Lower	Upper
284	100		
142	37.0	30.9	46.3
249	29.4	24.8	37.2



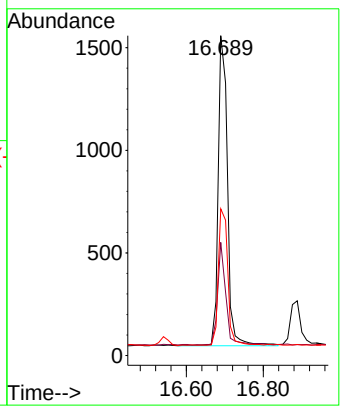


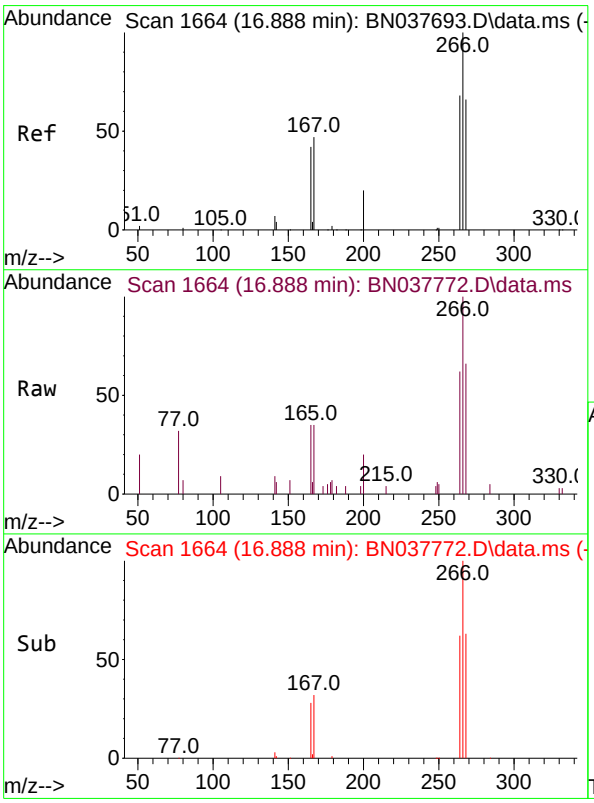
#23
Atrazine
Concen: 0.417 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:200 Resp: 2516

Ion	Ratio	Lower	Upper
200	100		
173	35.3	21.4	32.2#
215	45.9	39.2	58.8

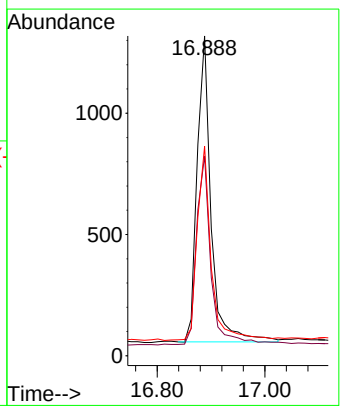


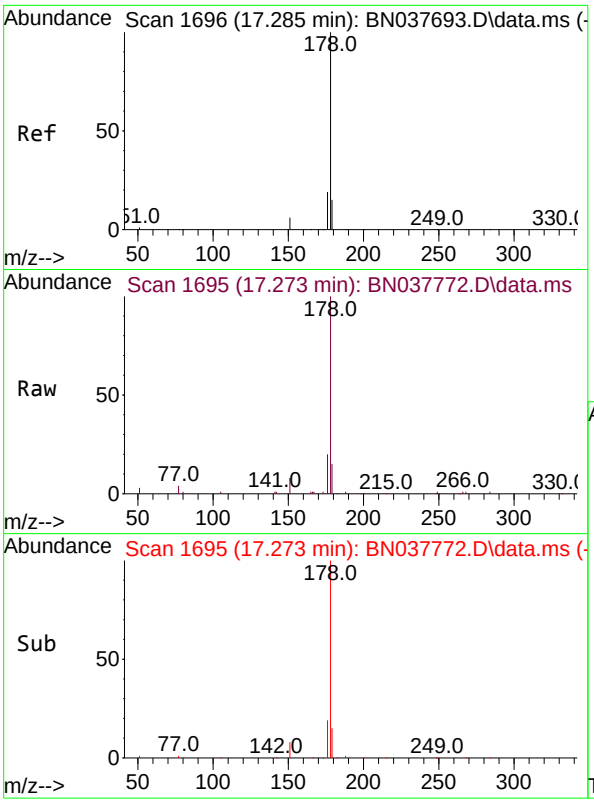


#24
Pentachlorophenol
Concen: 0.712 ng
RT: 16.888 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:266 Resp: 2259

Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.6	77.4
268	62.9	53.2	79.8



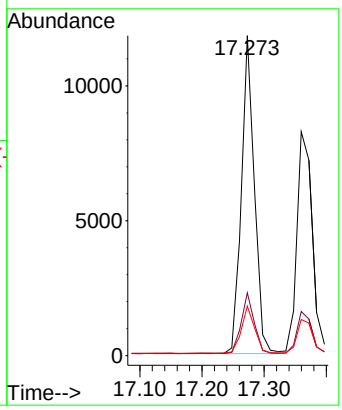


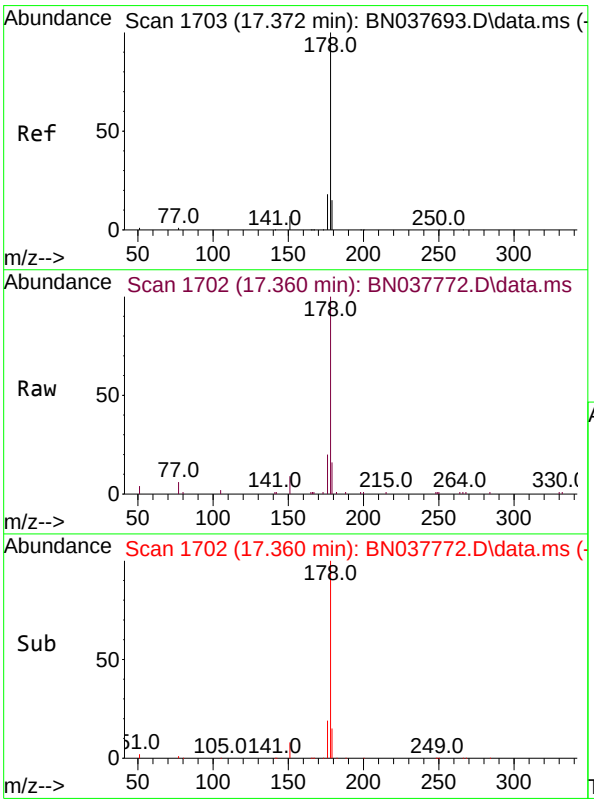
#25
Phenanthrene
Concen: 0.372 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:178 Resp: 17041

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.2

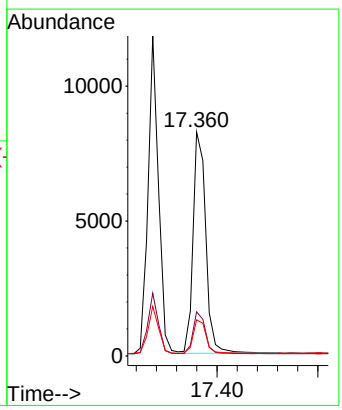


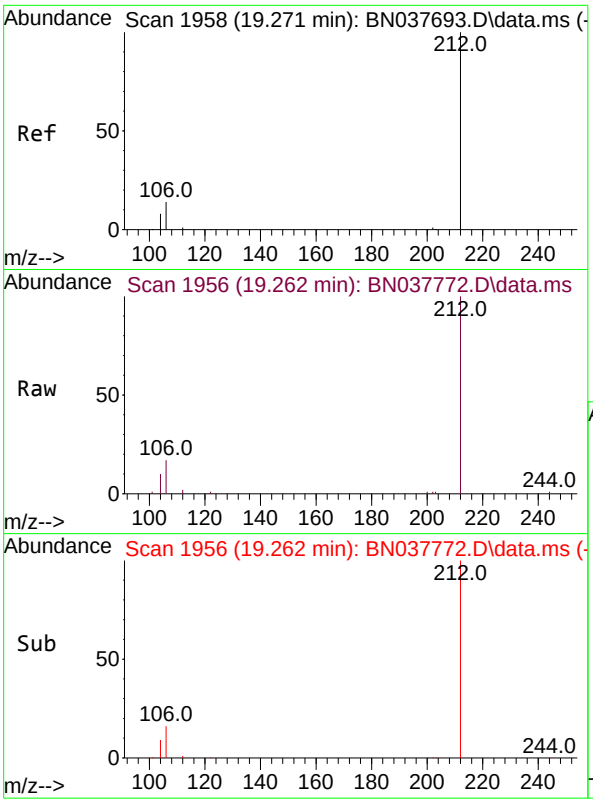


#26
Anthracene
Concen: 0.354 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:178 Resp: 14357

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.2	18.4



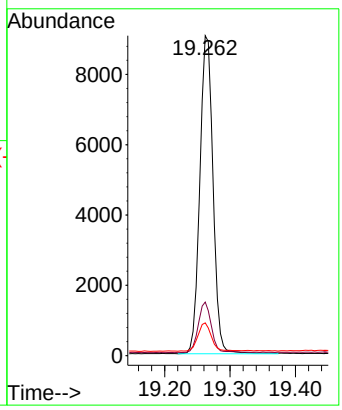


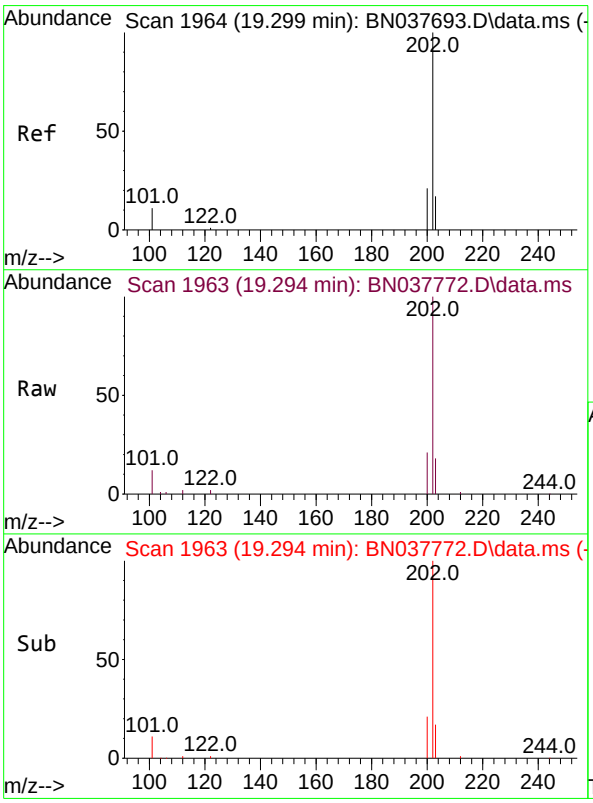
#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.262 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:212 Resp: 12673

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.2	18.2
104	9.1	6.9	10.3

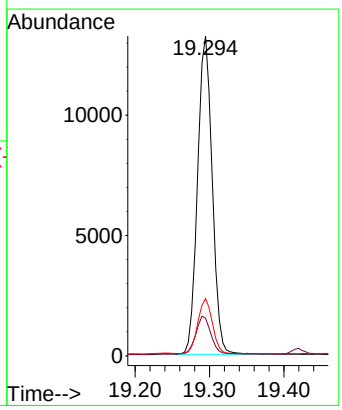


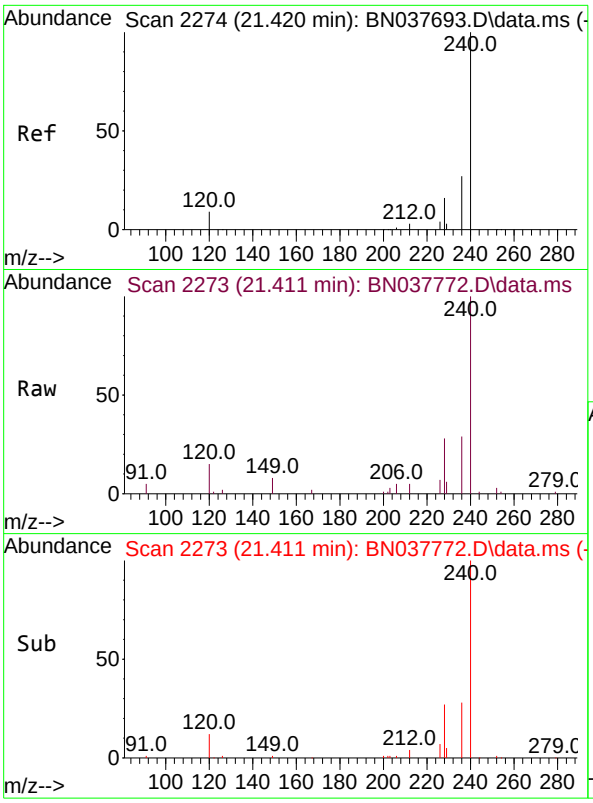


#28
Fluoranthene
Concen: 0.360 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:202 Resp: 18098

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
203	17.0	13.7	20.5



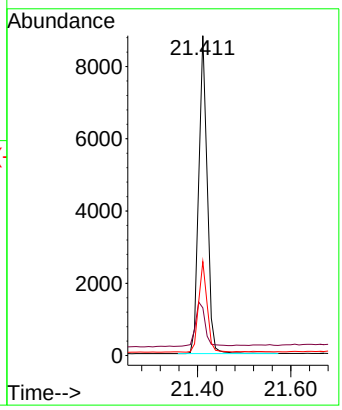


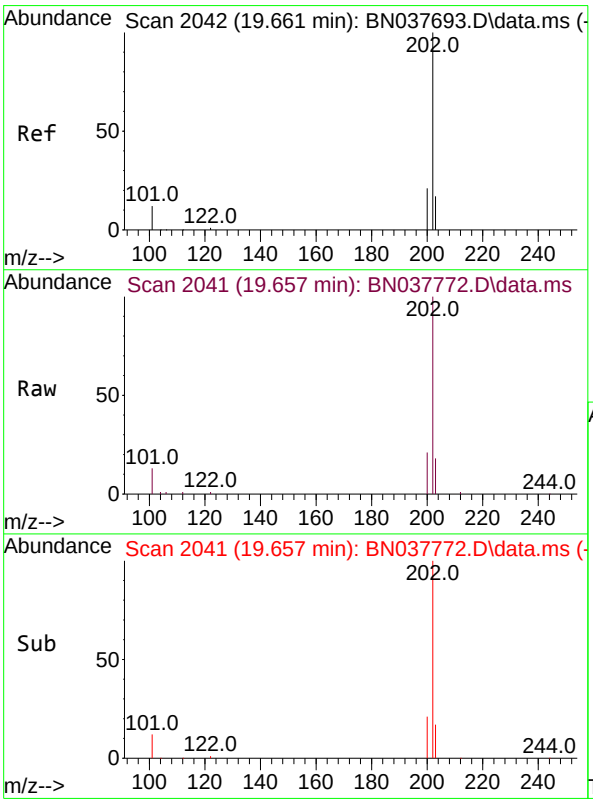
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:240 Resp: 11077

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.2	13.8#
236	29.4	22.6	33.8

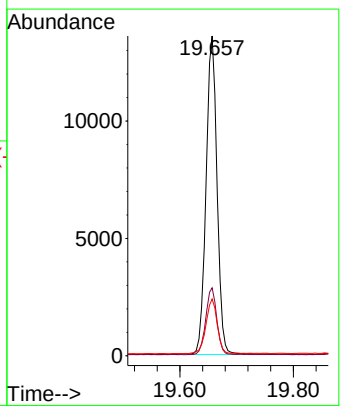


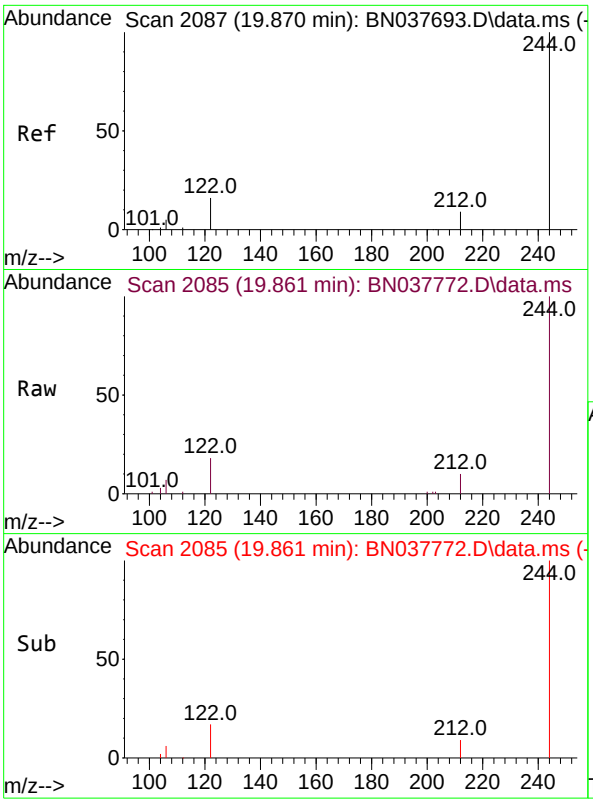


#30
Pyrene
Concen: 0.420 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:202 Resp: 18207

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.6	14.3	21.5



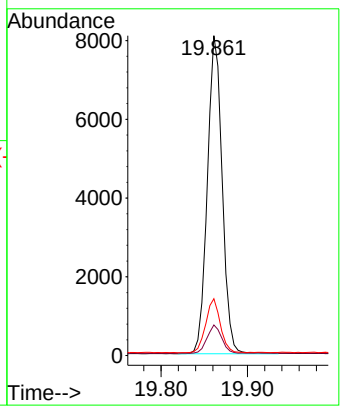


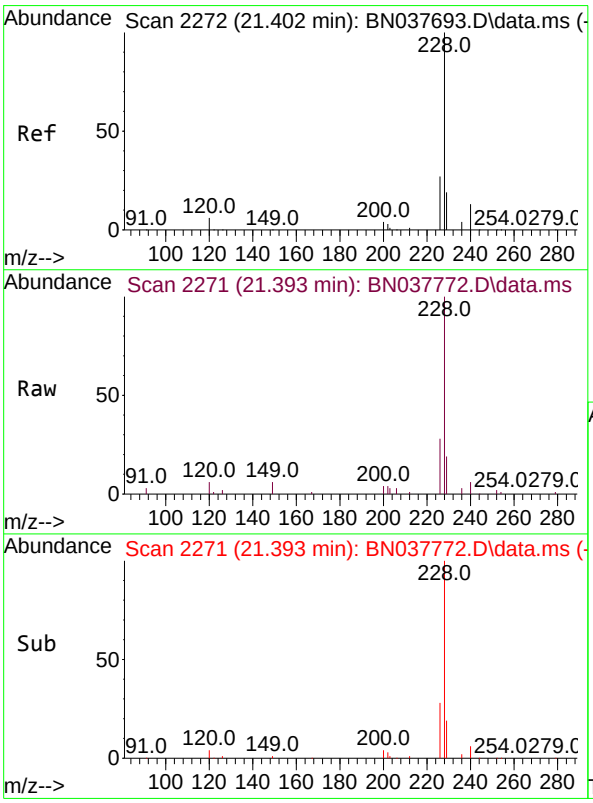
#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:244 Resp: 9630

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	17.8	13.2	19.8

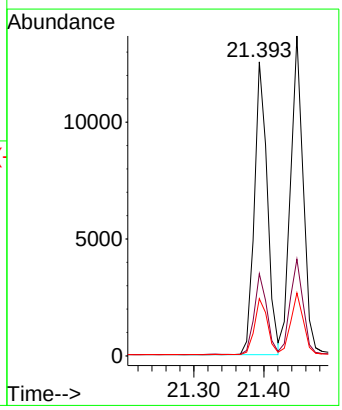


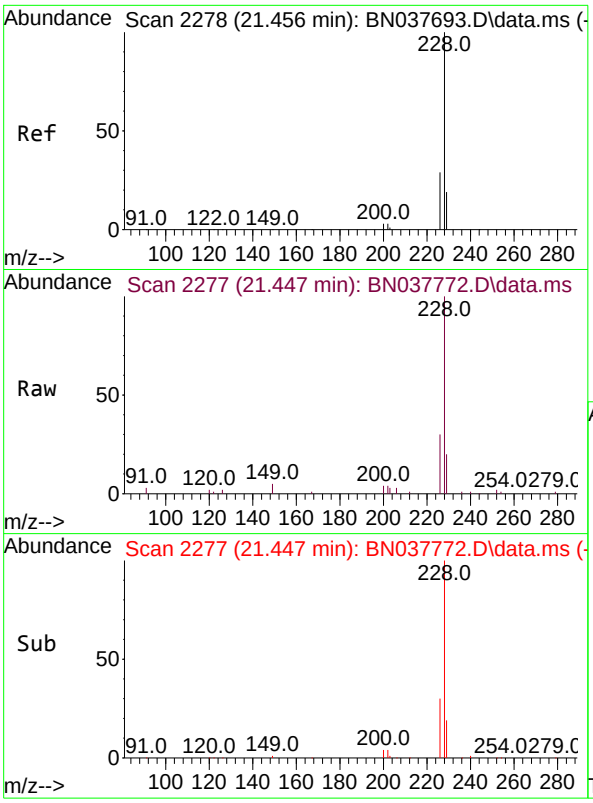


#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:228 Resp: 16075

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.5	15.8	23.6



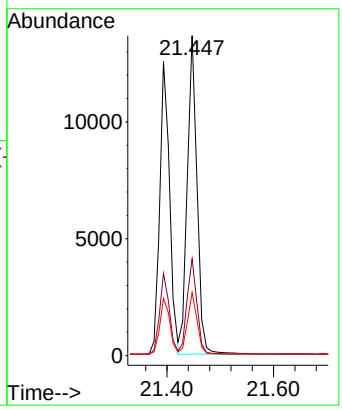


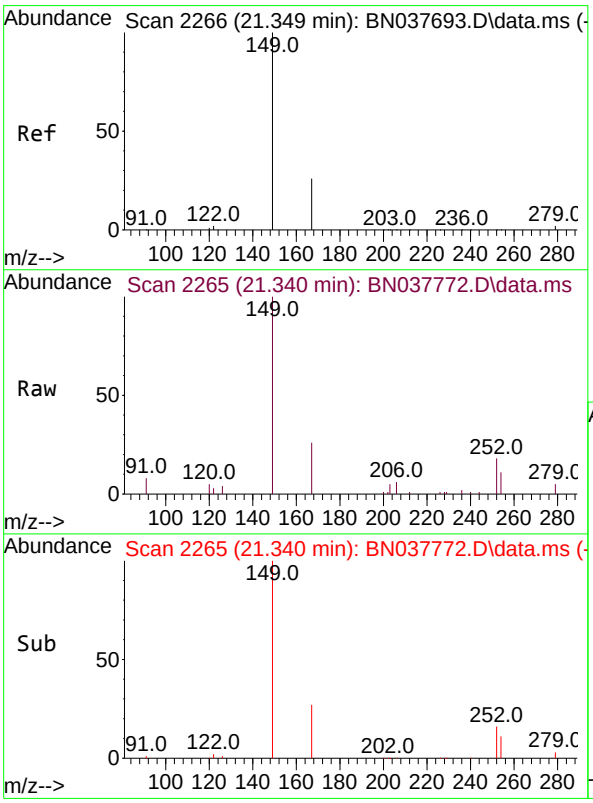
#33
Chrysene
Concen: 0.419 ng
RT: 21.447 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:228 Resp: 17366

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.5	35.3
229	19.7	15.9	23.9

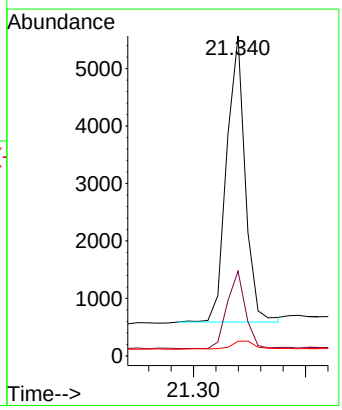


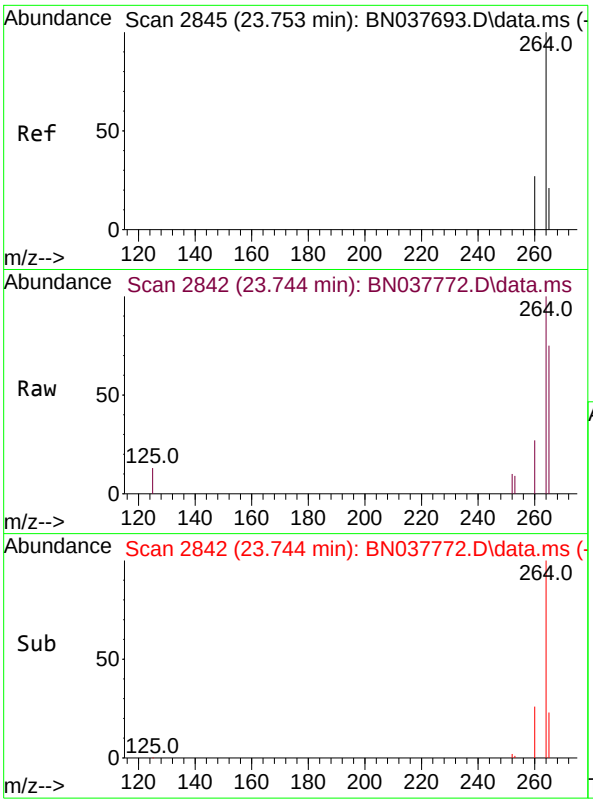


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.500 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:149 Resp: 5730

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.8	31.2
279	4.0	3.3	4.9



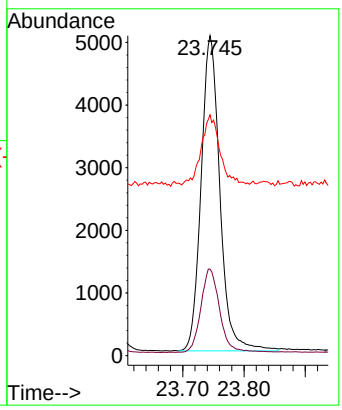


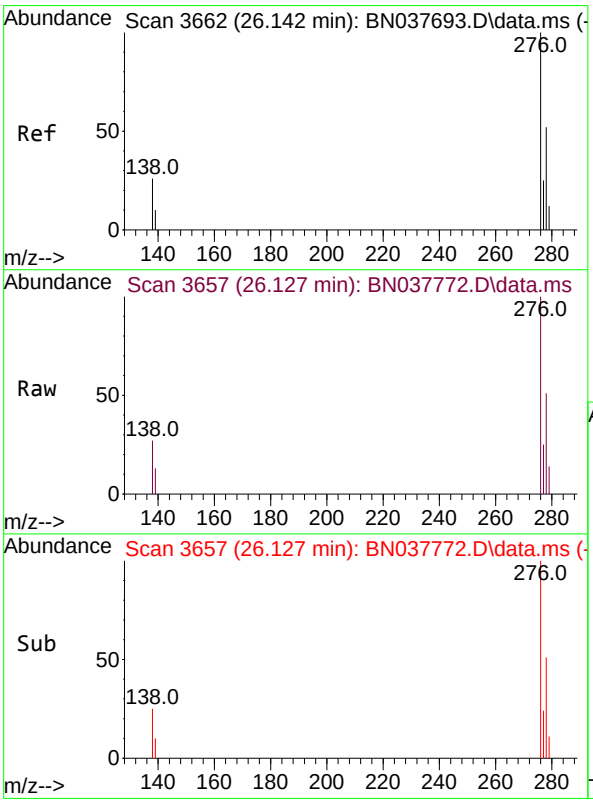
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:264 Resp: 10712

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	75.2	39.4	59.2#

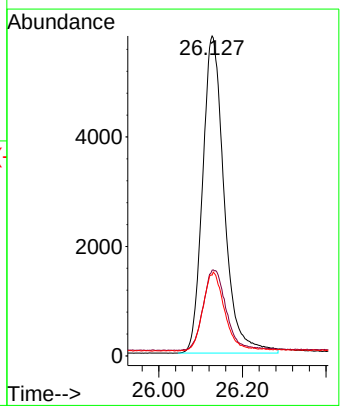


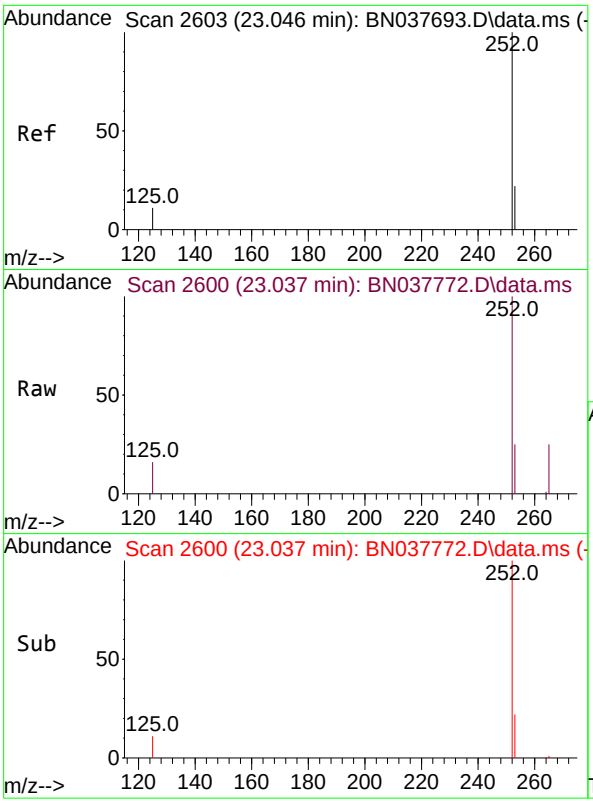


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng
RT: 26.127 min Scan# 3657
Delta R.T. -0.015 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:276 Resp: 20796

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.9	32.9
277	24.7	20.1	30.1



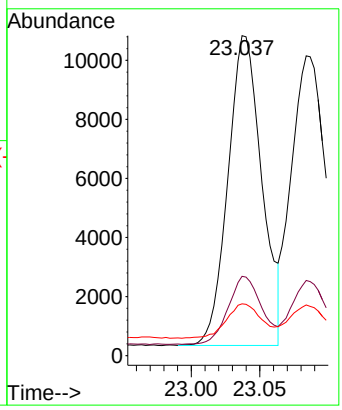


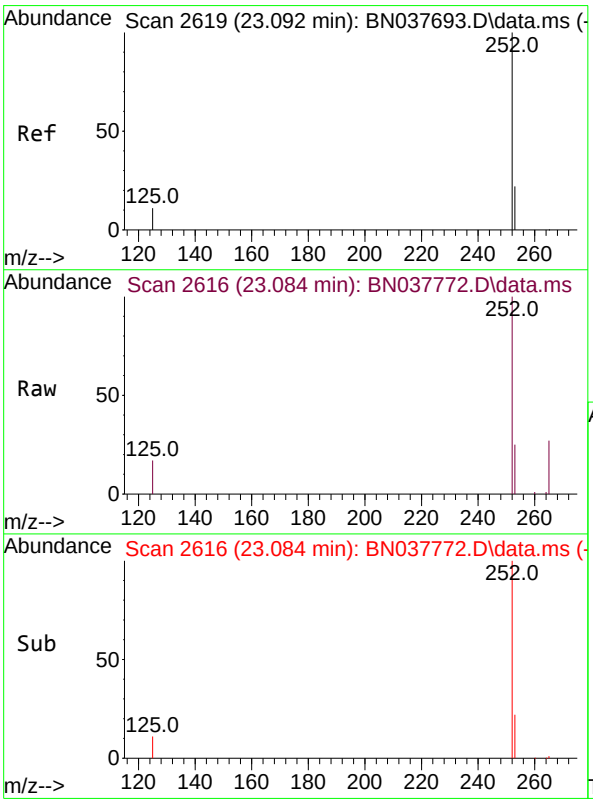
#37
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.037 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:252 Resp: 18047

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	16.2	11.2	16.8

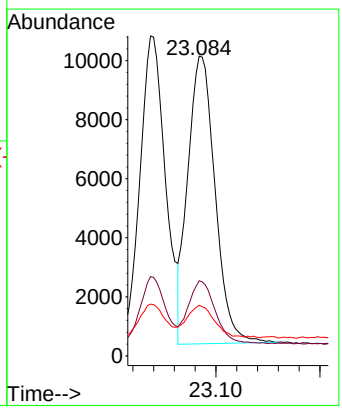


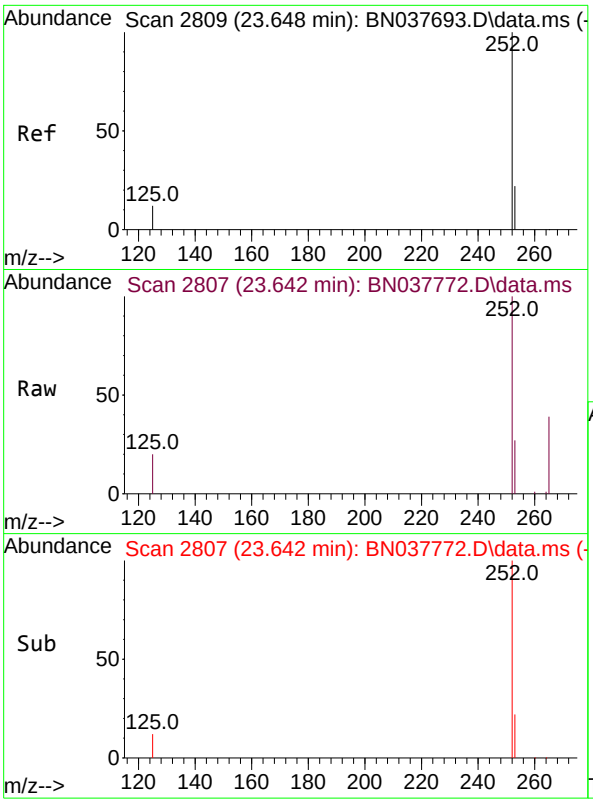


#38
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.084 min Scan# 2616
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:252 Resp: 17770

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	16.9	11.6	17.4



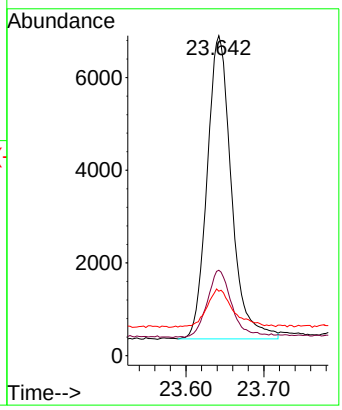


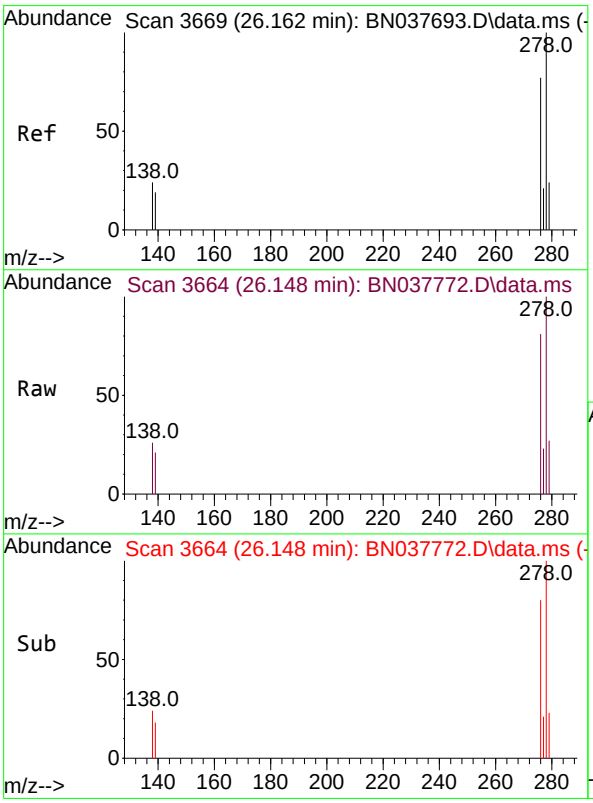
#39
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.642 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:252 Resp: 14195

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.8	31.2
125	20.1	13.9	20.9

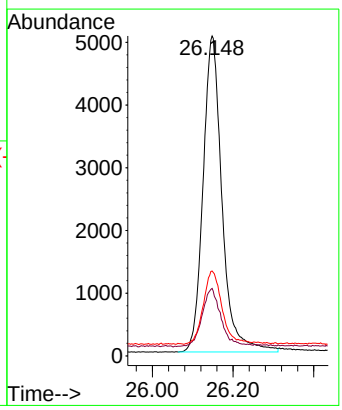


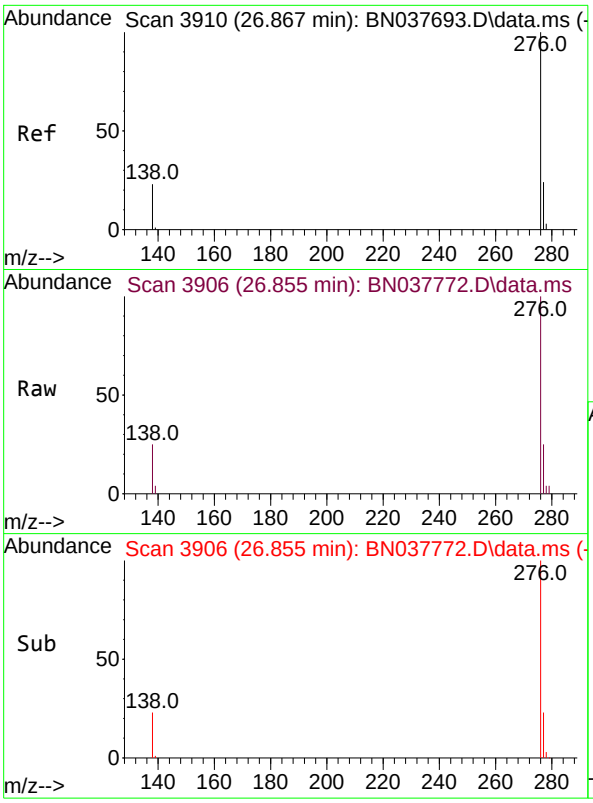


#40
Dibenzo(a,h)anthracene
Concen: 0.458 ng
RT: 26.148 min Scan# 3664
Delta R.T. -0.015 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:278 Resp: 16460

Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.8	26.6
279	26.5	22.0	33.0



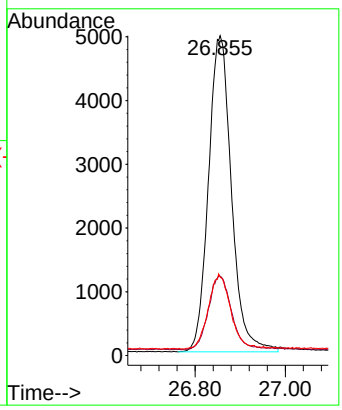


#41
Benzo(g,h,i)perylene
Concen: 0.435 ng
RT: 26.855 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:276 Resp: 17542

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	31.0
138	24.5	20.2	30.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037773.D
Acq On : 18 Sep 2025 12:25
Operator : RC/JU
Sample : Q3097-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Quant Time: Sep 18 12:59:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

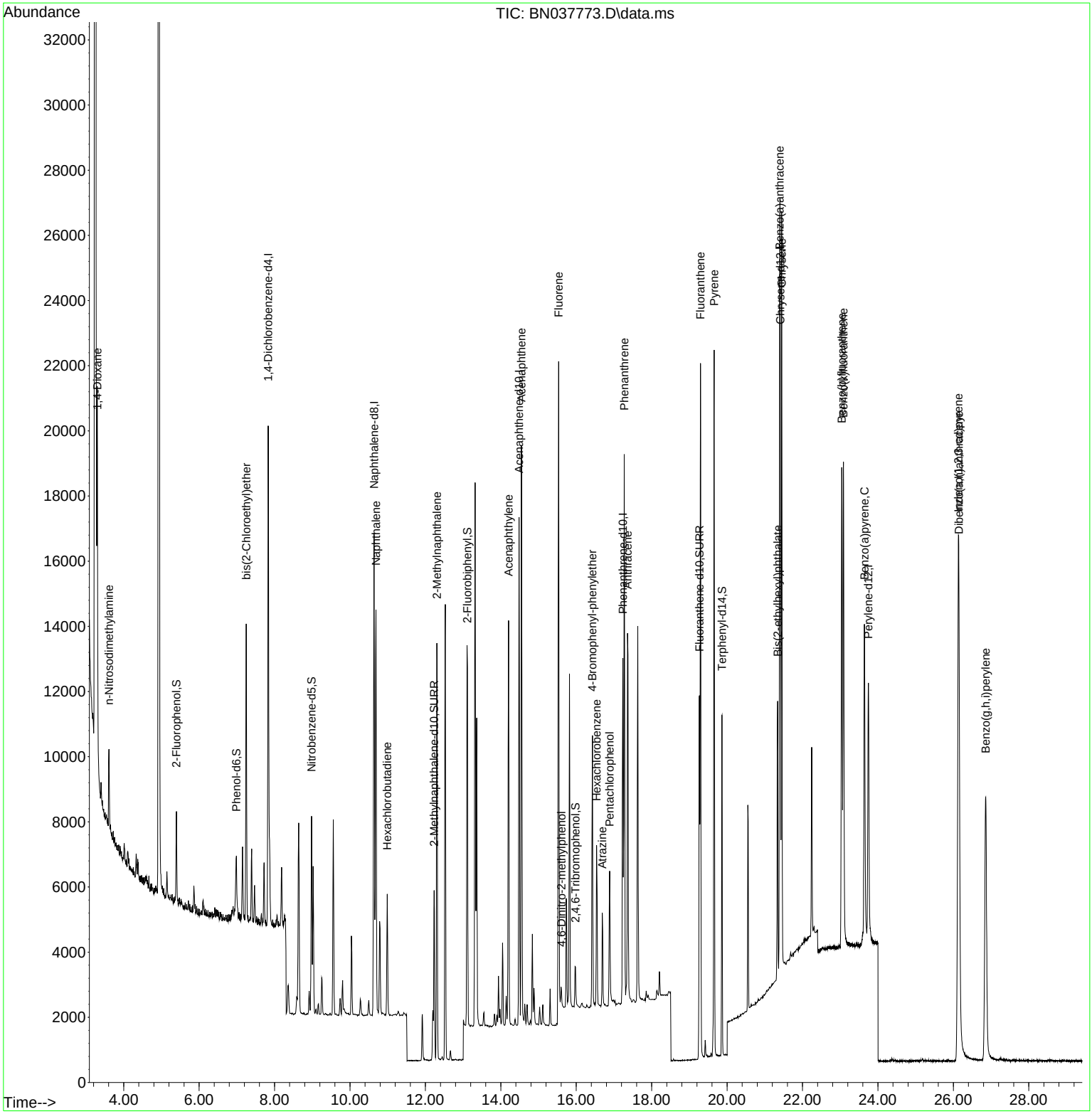
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7159	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19099	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8494	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	14218	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11982	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	11726	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2162	0.132	ng	0.00
5) Phenol-d6	6.988	99	1603	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	4572	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7086	0.280	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	876	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10884	0.306	ng	0.00
27) Fluoranthene-d10	19.266	212	12926	0.362	ng	0.00
31) Terphenyl-d14	19.866	244	9877	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	5455	0.732	ng	# 93
3) n-Nitrosodimethylamine	3.608	42	1372	0.141	ng	# 93
6) bis(2-Chloroethyl)ether	7.248	93	6329	0.332	ng	100
9) Naphthalene	10.690	128	16829	0.322	ng	99
10) Hexachlorobutadiene	10.989	225	2887	0.306	ng	# 98
12) 2-Methylnaphthalene	12.303	142	9108	0.282	ng	100
16) Acenaphthylene	14.206	152	13370	0.343	ng	99
17) Acenaphthene	14.548	154	8415	0.319	ng	99
18) Fluorene	15.535	166	10028	0.314	ng	100
20) 4,6-Dinitro-2-methylph...	15.609	198	468	0.355	ng	94
21) 4-Bromophenyl-phenylether	16.429	248	3385	0.365	ng	# 87
22) Hexachlorobenzene	16.540	284	3993	0.374	ng	98
23) Atrazine	16.689	200	2440	0.414	ng	# 90
24) Pentachlorophenol	16.888	266	2303	0.744	ng	97
25) Phenanthrene	17.273	178	16893	0.377	ng	99
26) Anthracene	17.359	178	14220	0.359	ng	99
28) Fluoranthene	19.294	202	18446	0.376	ng	99
30) Pyrene	19.657	202	18763	0.400	ng	100
32) Benzo(a)anthracene	21.393	228	17097	0.409	ng	99
33) Chrysene	21.447	228	18729	0.418	ng	98
34) Bis(2-ethylhexyl)phtha...	21.339	149	5916	0.477	ng	99
36) Indeno(1,2,3-cd)pyrene	26.130	276	22920	0.465	ng	99
37) Benzo(b)fluoranthene	23.040	252	19407	0.420	ng	98
38) Benzo(k)fluoranthene	23.086	252	19956	0.424	ng	98
39) Benzo(a)pyrene	23.642	252	15734	0.426	ng	98
40) Dibenzo(a,h)anthracene	26.148	278	17896	0.455	ng	97
41) Benzo(g,h,i)perylene	26.855	276	19134	0.433	ng	98

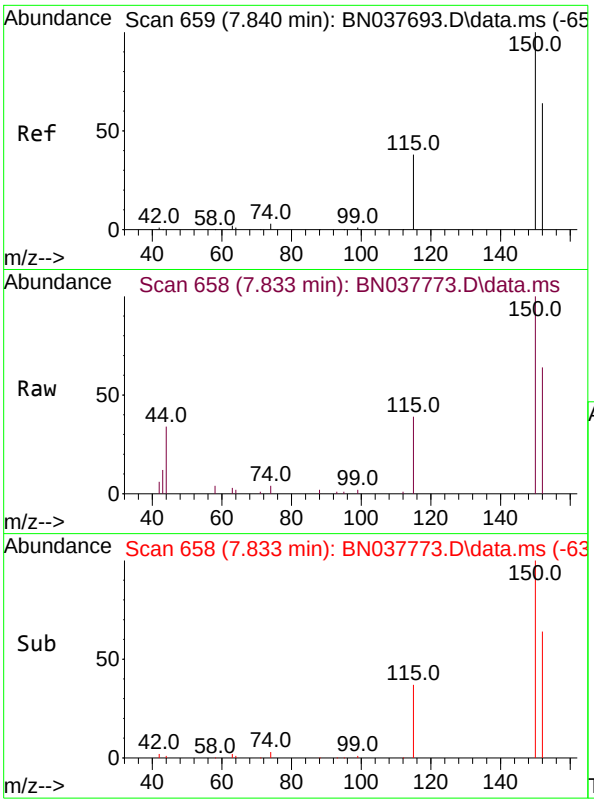
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037773.D
Acq On : 18 Sep 2025 12:25
Operator : RC/JU
Sample : Q3097-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Quant Time: Sep 18 12:59:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



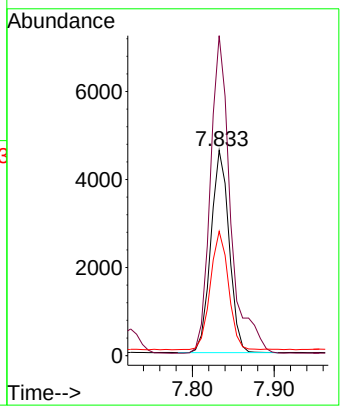


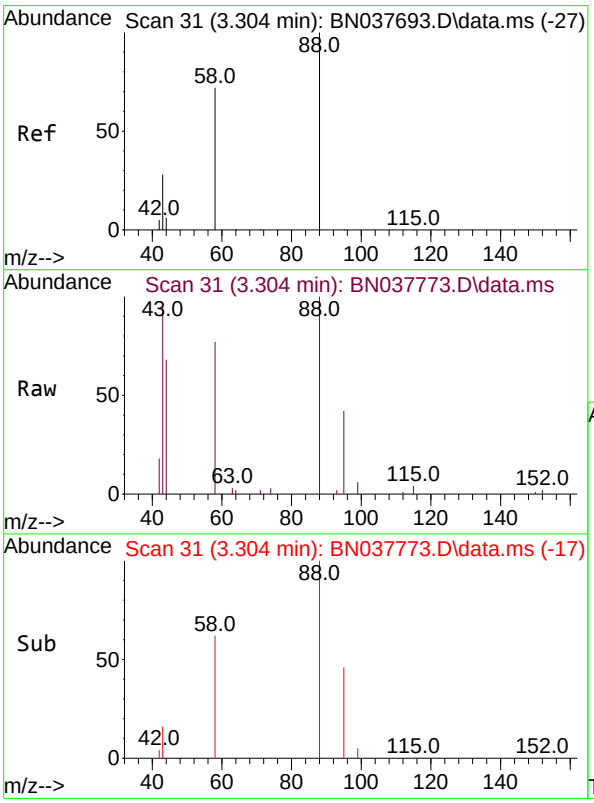
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:152 Resp: 7159

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	60.5	49.2	73.8

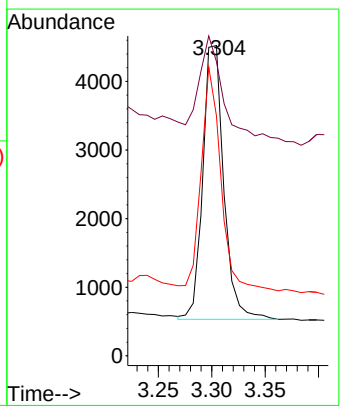


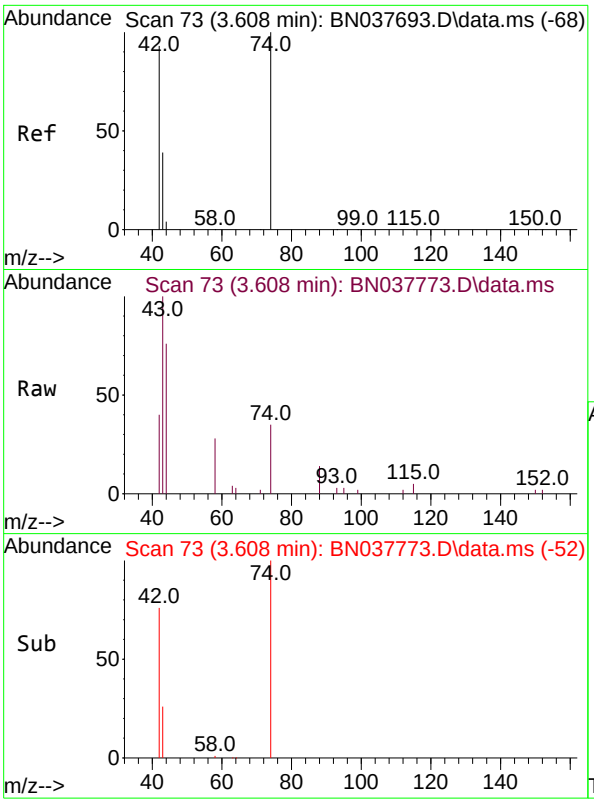


#2
1,4-Dioxane
Concen: 0.732 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion: 88 Resp: 5455

Ion	Ratio	Lower	Upper
88	100		
43	45.0	26.8	40.2#
58	76.7	61.9	92.9



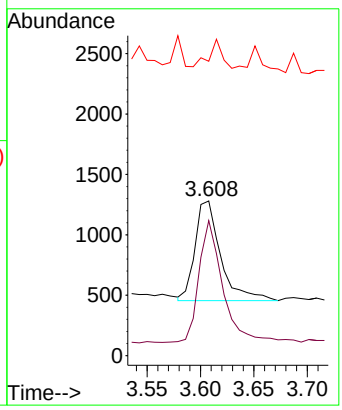


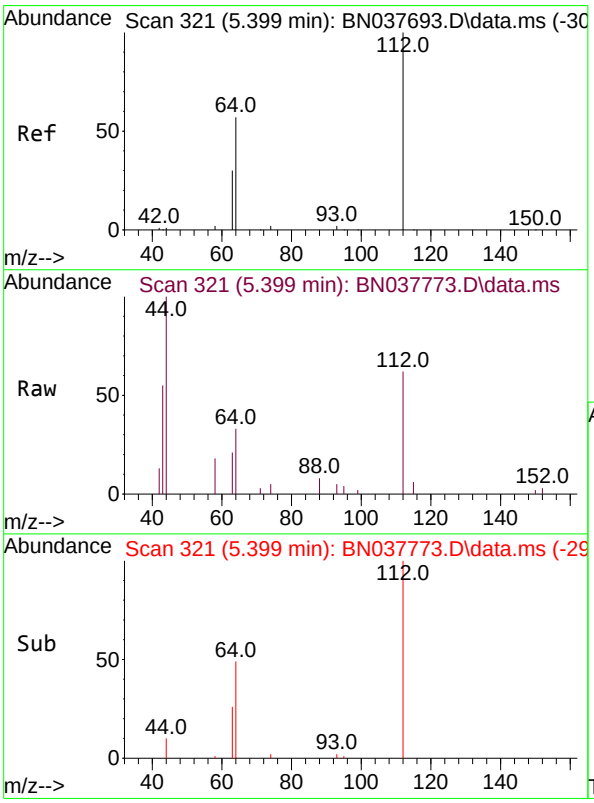
#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.608 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion: 42 Resp: 1372

Ion	Ratio	Lower	Upper
42	100		
74	114.1	86.0	129.0
44	15.3	8.4	12.6#

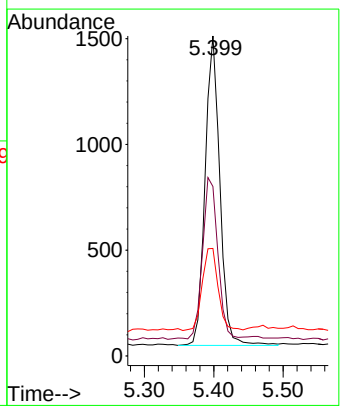


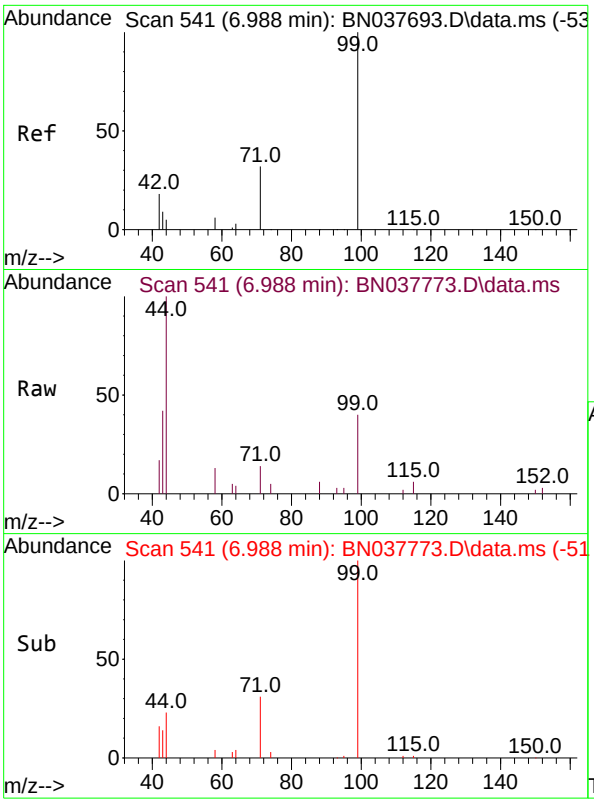


#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:112 Resp: 2162

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.9	67.3
63	28.6	24.7	37.1



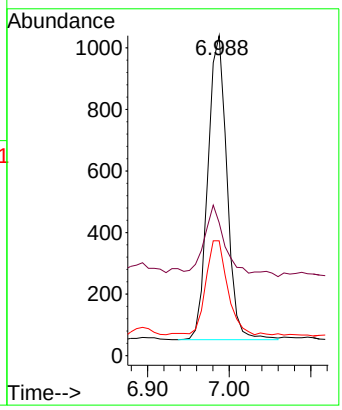


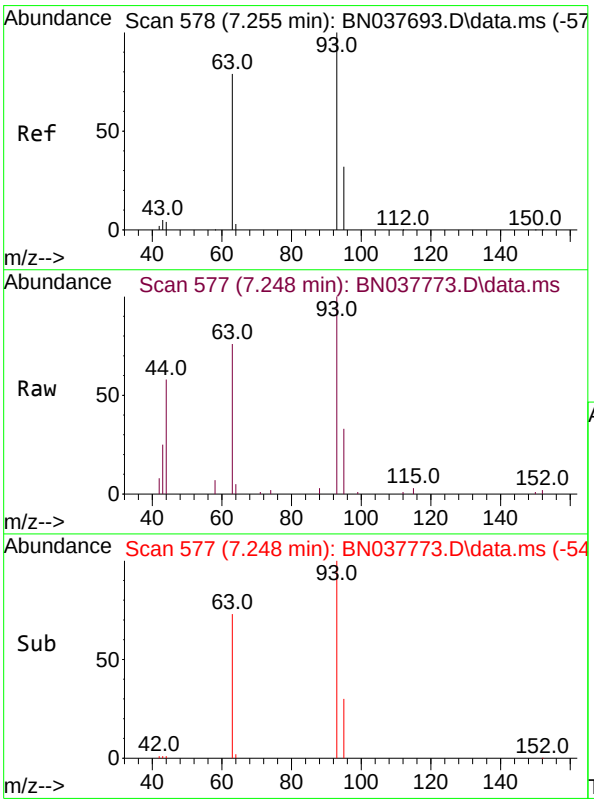
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion: 99 Resp: 1603

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	36.1	26.7	40.1

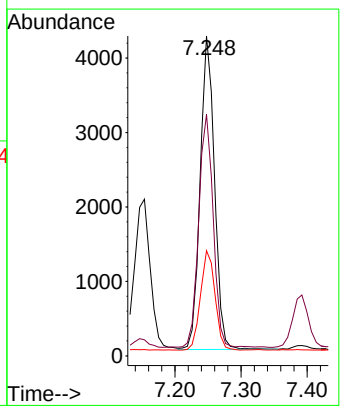


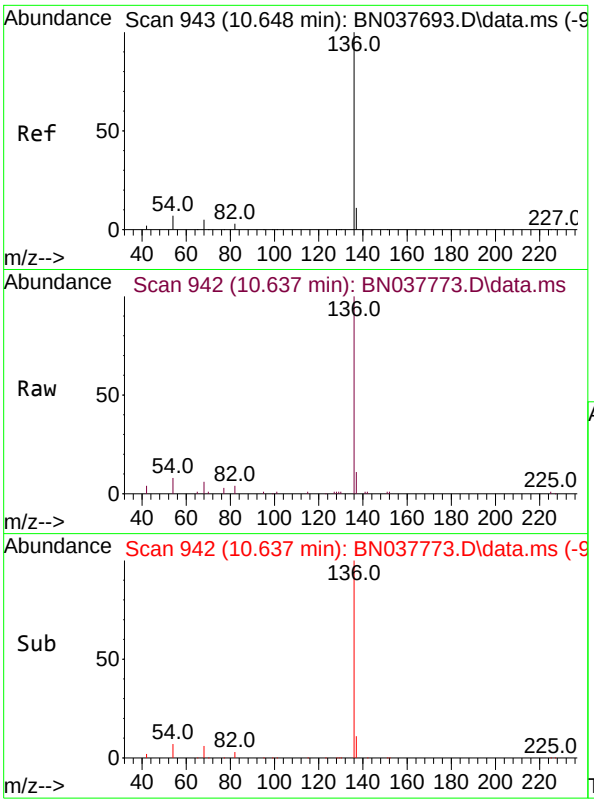


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion: 93 Resp: 6329

Ion	Ratio	Lower	Upper
93	100		
63	75.4	60.6	90.8
95	32.2	26.0	39.0



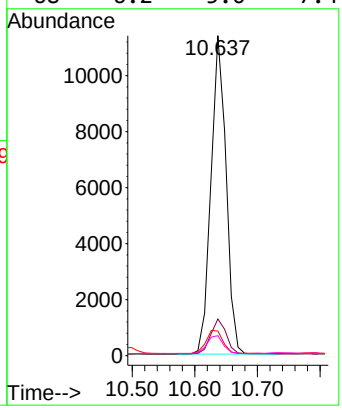


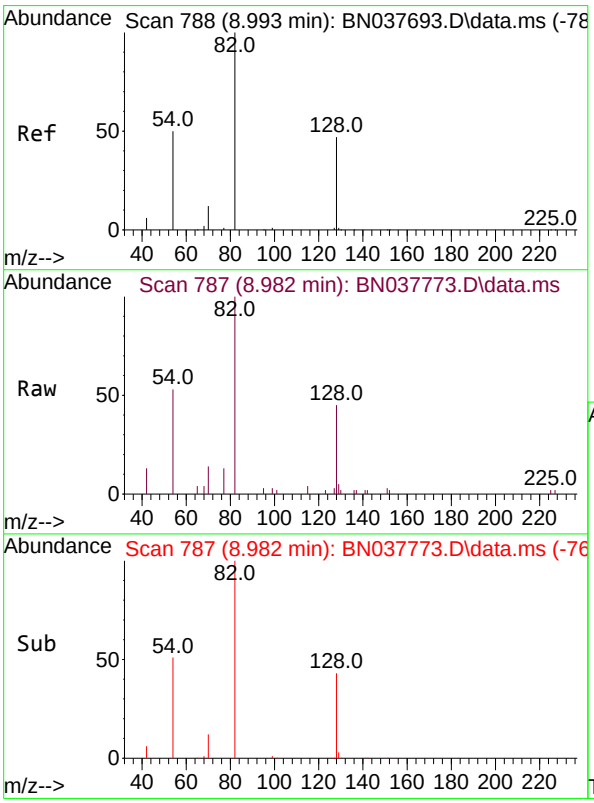
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:136 Resp: 19099

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	6.3	9.5
68	6.2	5.0	7.4

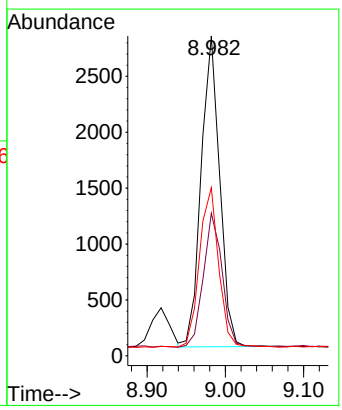


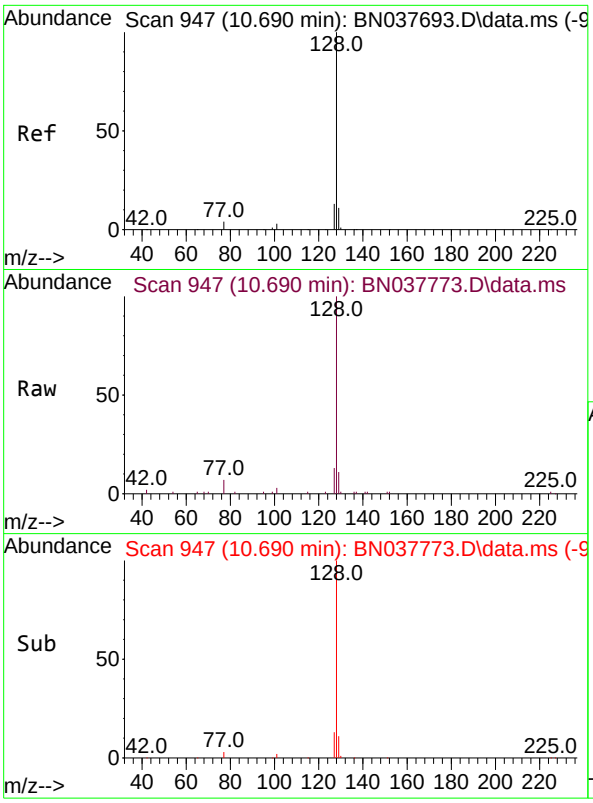


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion: 82 Resp: 4572

Ion	Ratio	Lower	Upper
82	100		
128	44.6	38.3	57.5
54	52.6	41.4	62.2



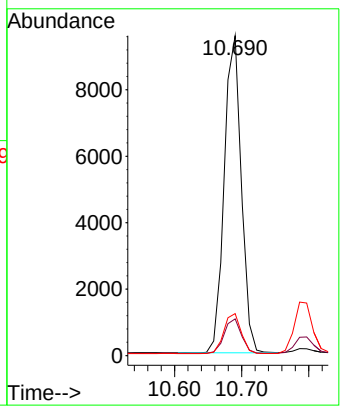


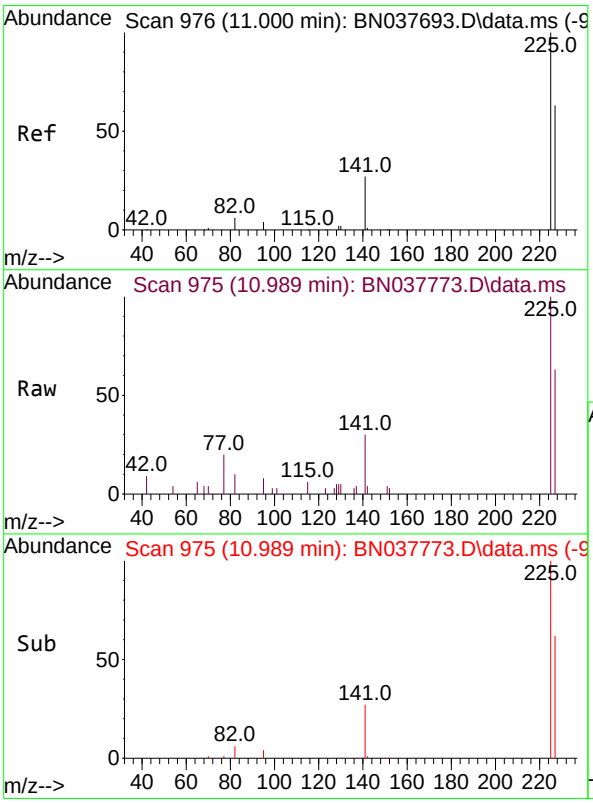
#9
Naphthalene
Concen: 0.322 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:128 Resp: 16829

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.1	10.9	16.3

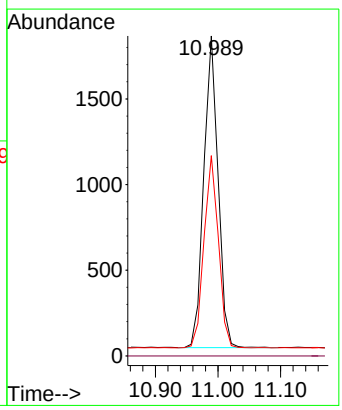


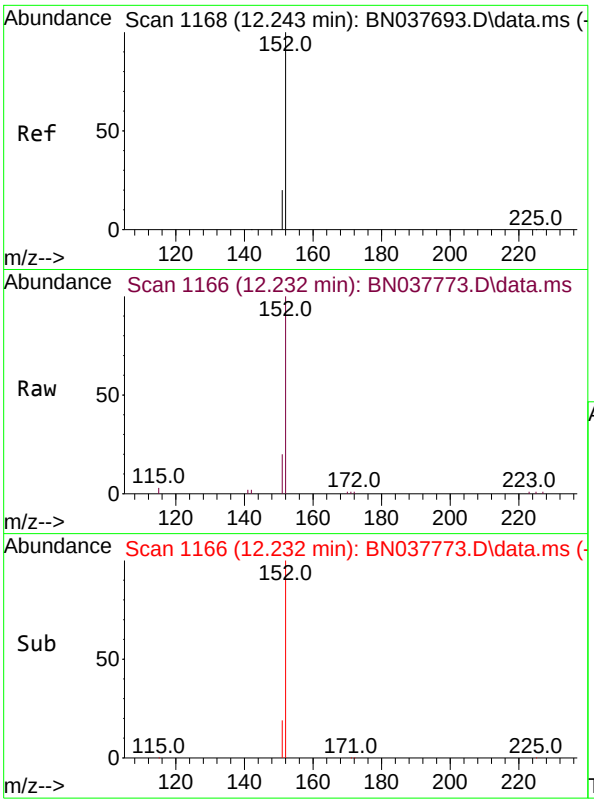


#10
Hexachlorobutadiene
Concen: 0.306 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:225 Resp: 2887

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.2	50.9	76.3



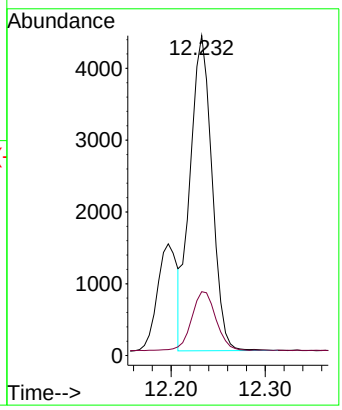


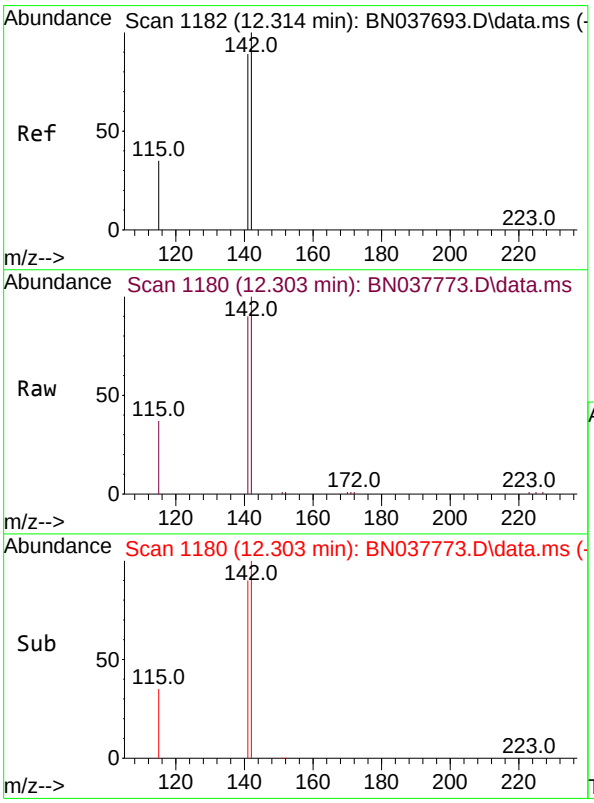
#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.232 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:152 Resp: 7086

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

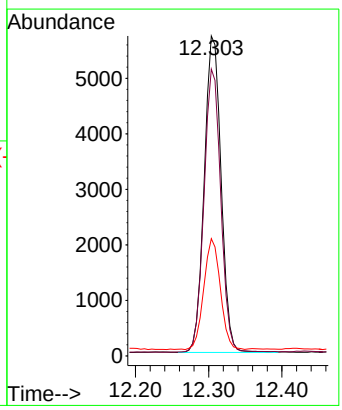


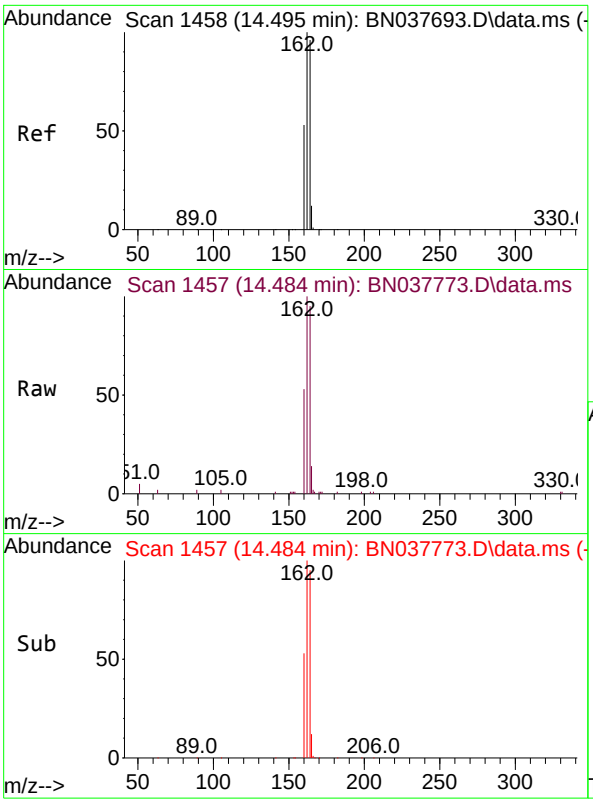


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:142 Resp: 9108

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4
115	36.6	28.6	43.0



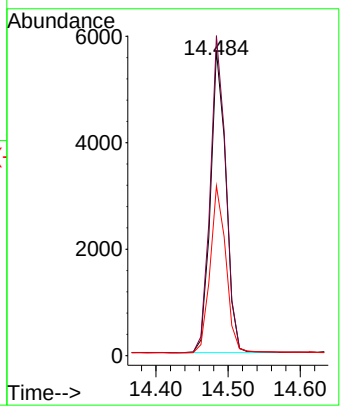


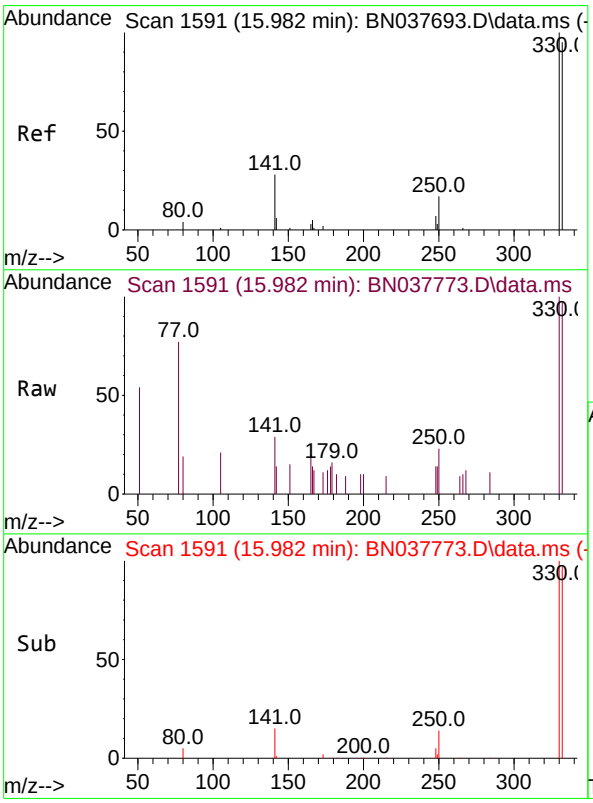
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:164 Resp: 8494

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	55.7	44.3	66.5

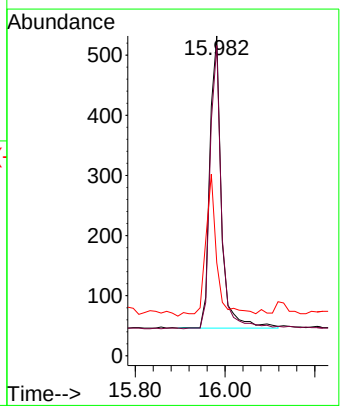


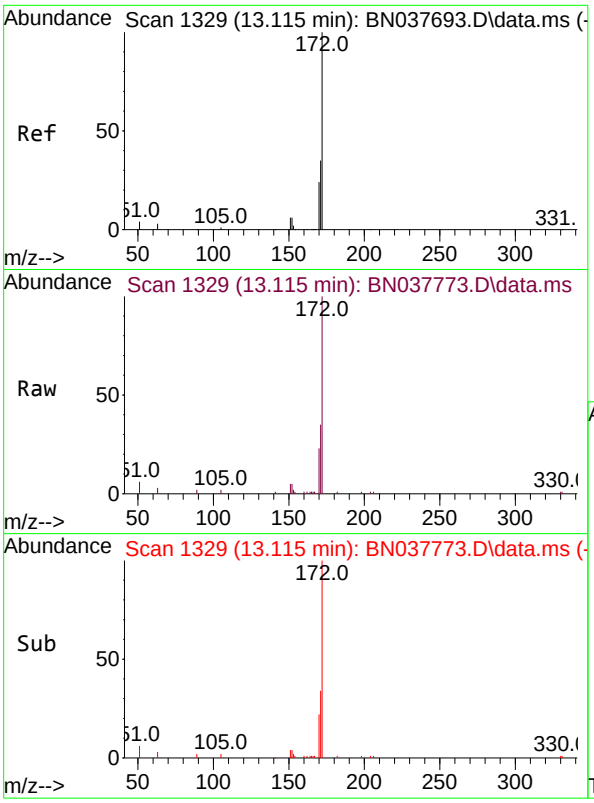


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:330 Resp: 876

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.3	112.9
141	47.4	35.0	52.4



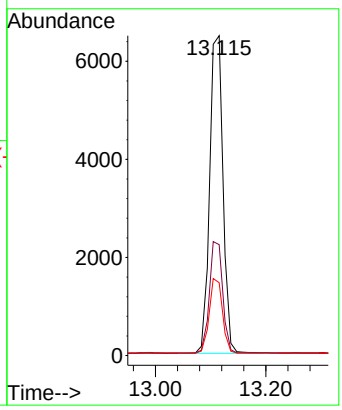


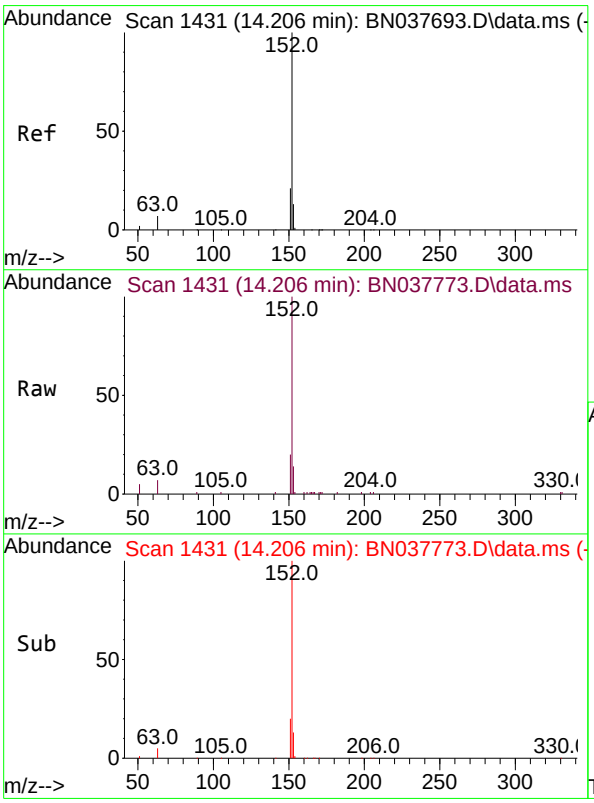
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:172 Resp: 10884

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.8	29.8

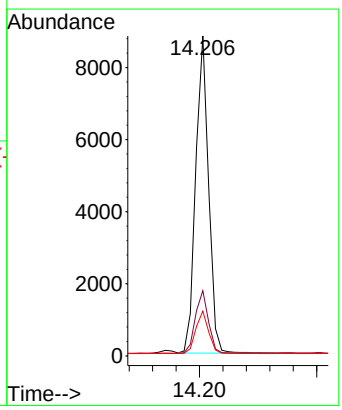


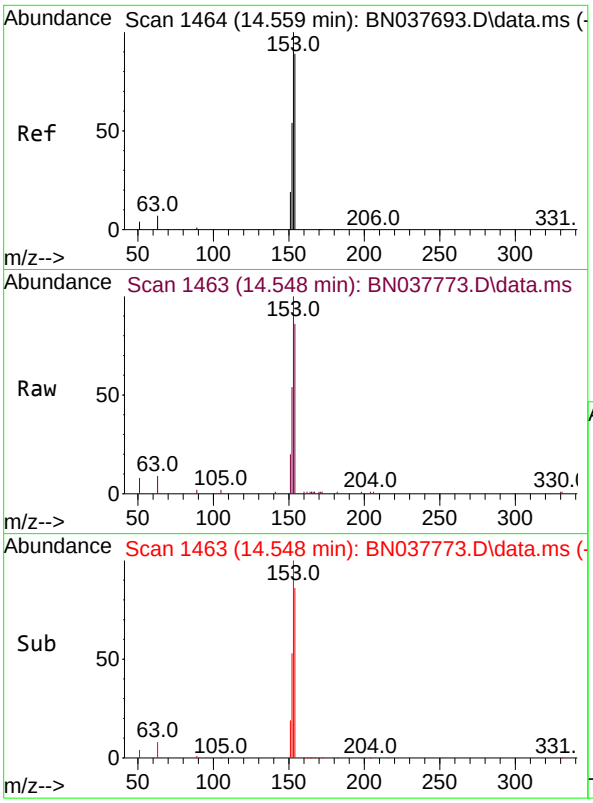


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:152 Resp: 13370

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.3	10.4	15.6



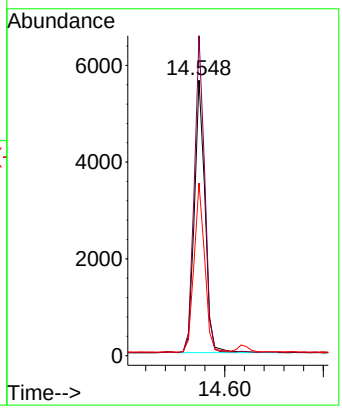


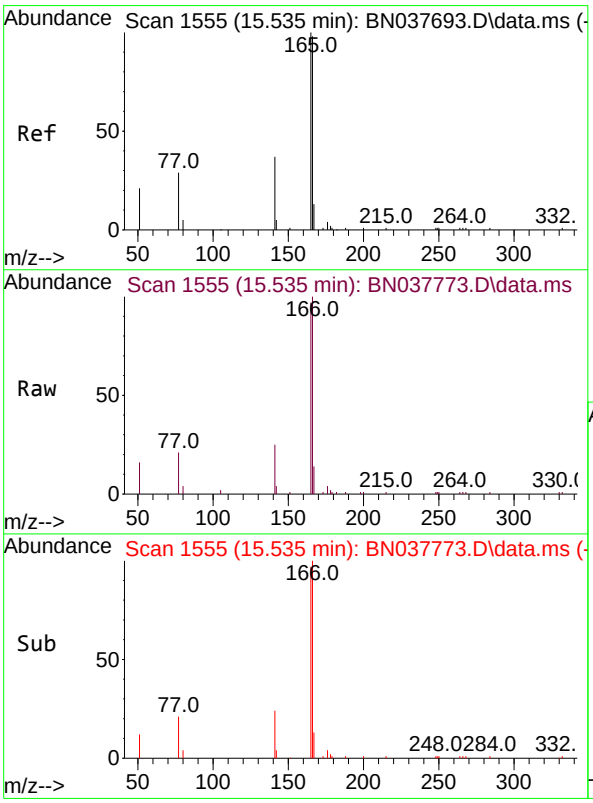
#17
Acenaphthene
Concen: 0.319 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:154 Resp: 8415

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.8
152	62.0	50.2	75.2

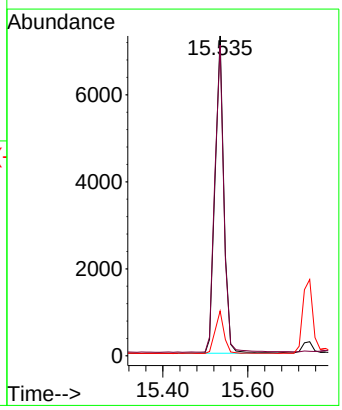


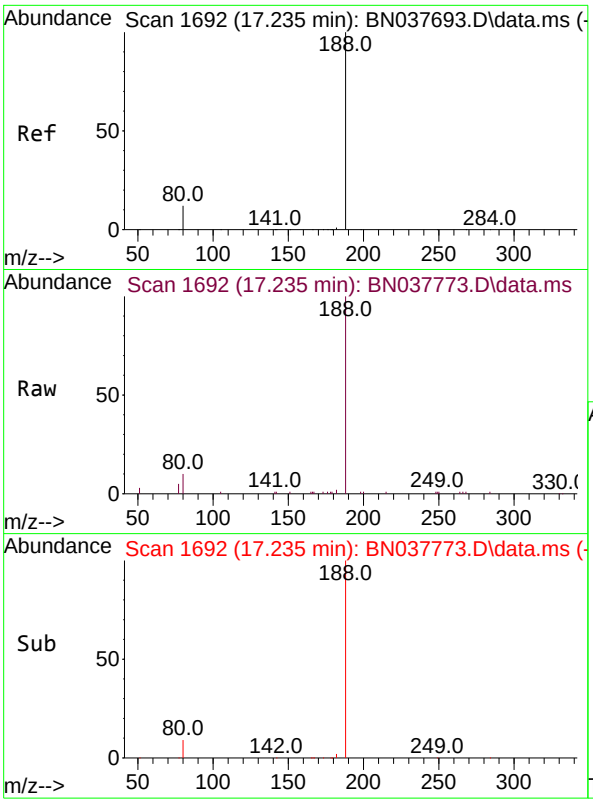


#18
Fluorene
Concen: 0.314 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:166 Resp: 10028

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.6	119.4
167	14.0	10.6	16.0



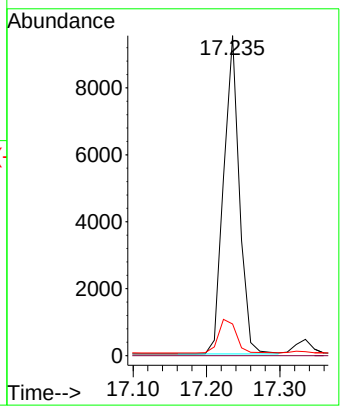


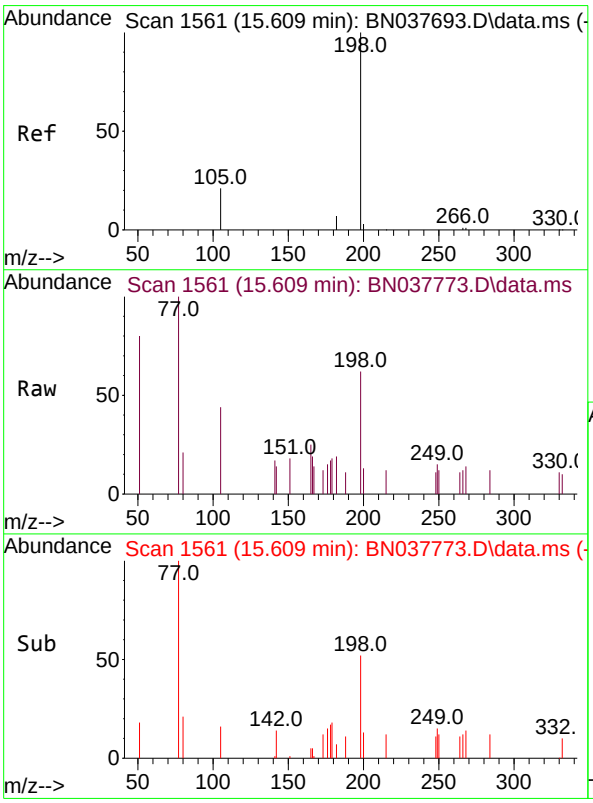
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:188 Resp: 14218

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	10.6	15.8#

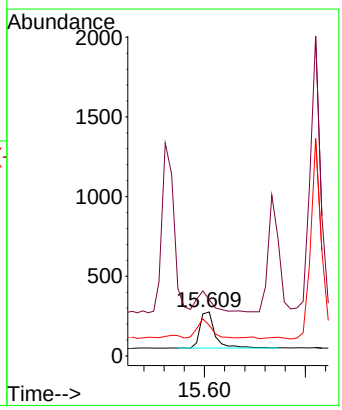


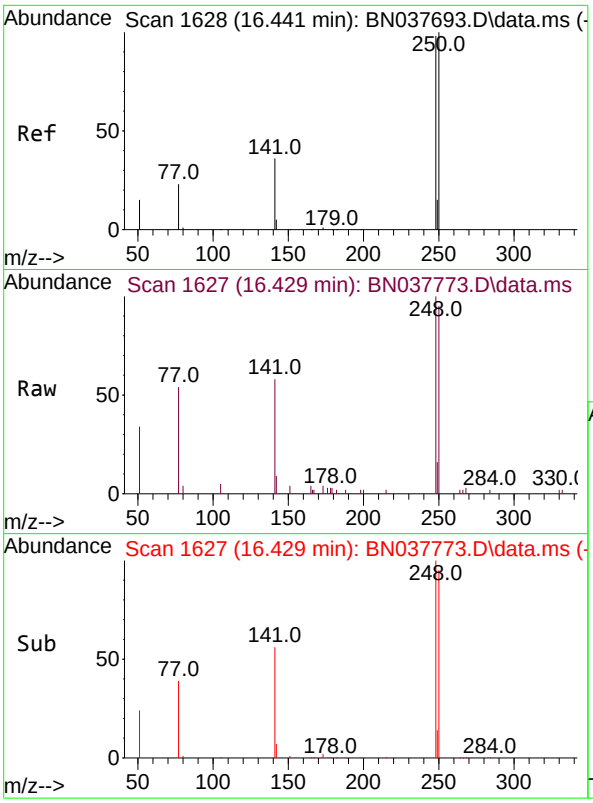


#20
4,6-Dinitro-2-methylphenol
Concen: 0.355 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:198 Resp: 468

Ion	Ratio	Lower	Upper
198	100		
51	127.9	95.1	142.7
105	69.9	53.8	80.6



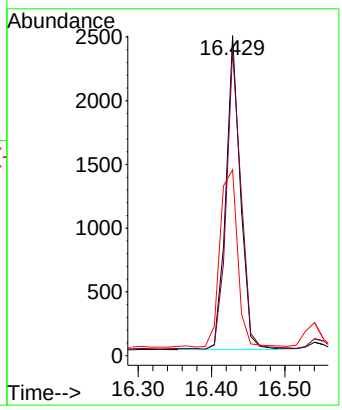


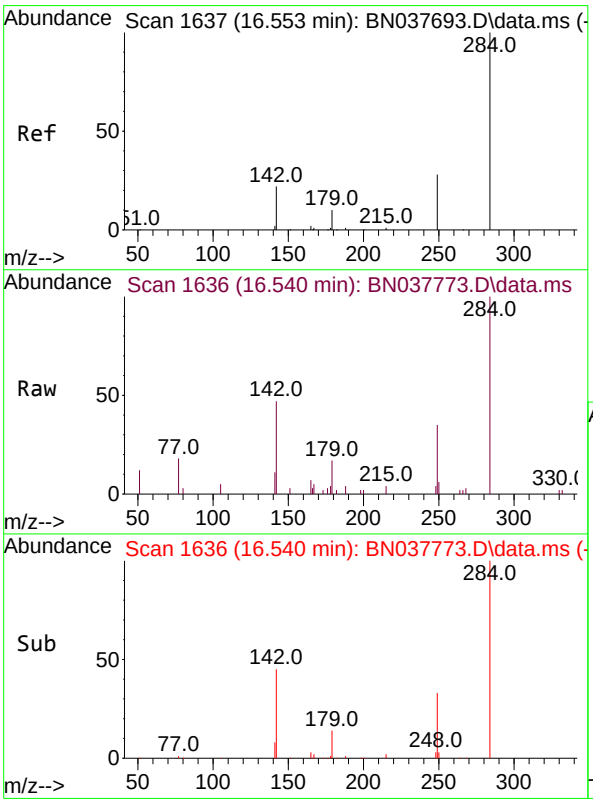
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.429 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:248 Resp: 3385

Ion	Ratio	Lower	Upper
248	100		
250	95.5	81.5	122.3
141	58.1	30.8	46.2#

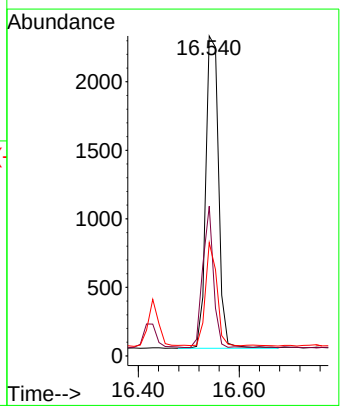


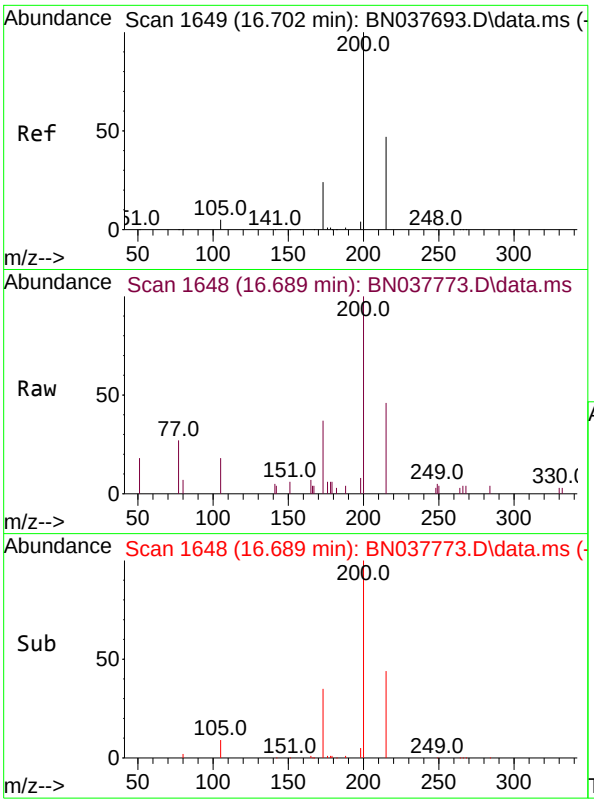


#22
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:284 Resp: 3993

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.9	46.3
249	29.4	24.8	37.2



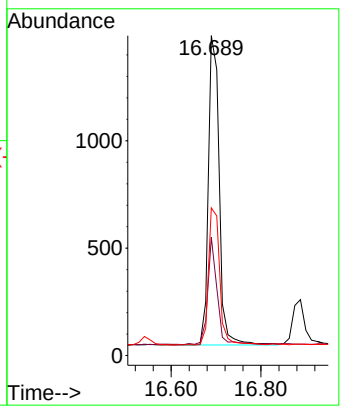


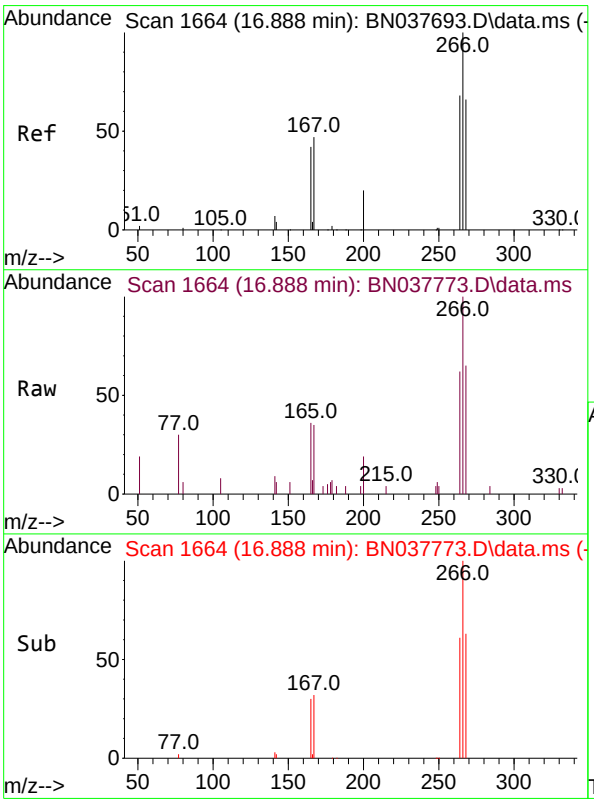
#23
Atrazine
Concen: 0.414 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:200 Resp: 2440

Ion	Ratio	Lower	Upper
200	100		
173	37.0	21.4	32.2#
215	46.2	39.2	58.8

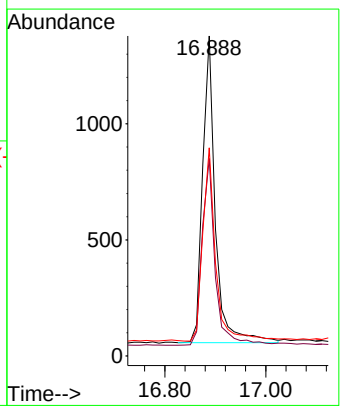


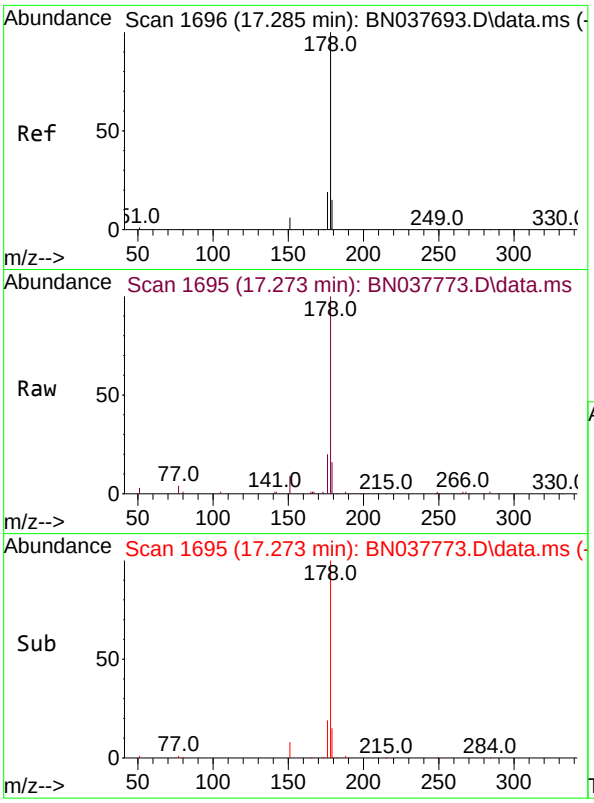


#24
Pentachlorophenol
Concen: 0.744 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:266 Resp: 2303

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.6	77.4
268	64.2	53.2	79.8



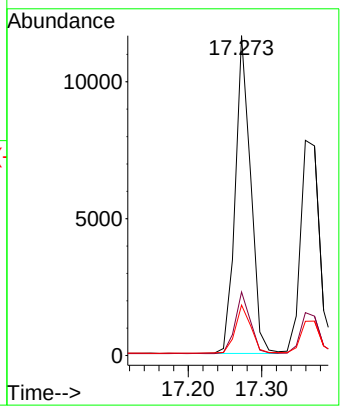


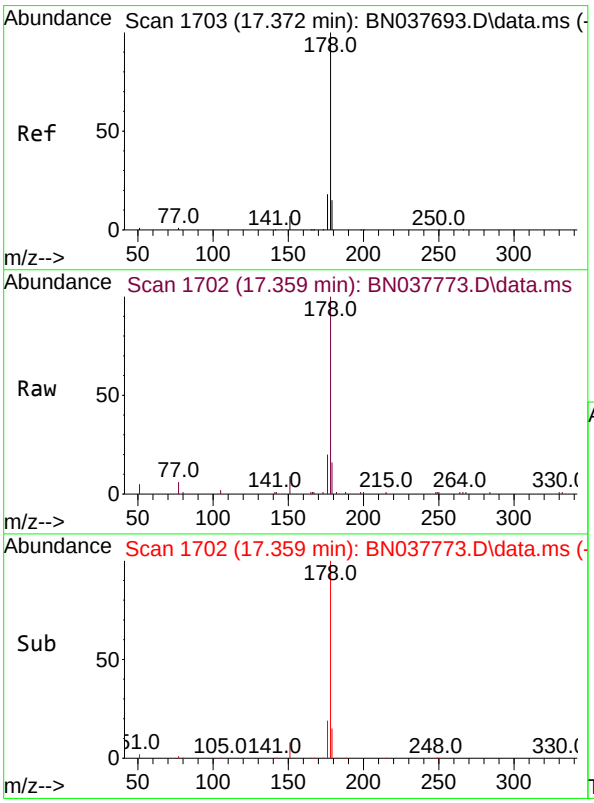
#25
Phenanthrene
Concen: 0.377 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:178 Resp: 16893

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.8	12.2	18.2

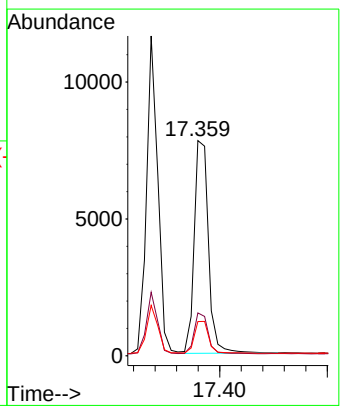


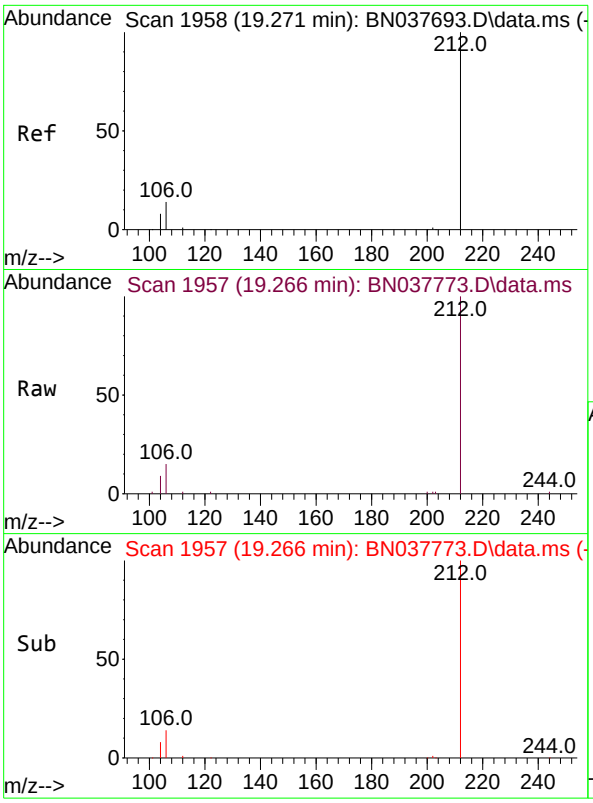


#26
Anthracene
Concen: 0.359 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:178 Resp: 14220

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.2	18.4



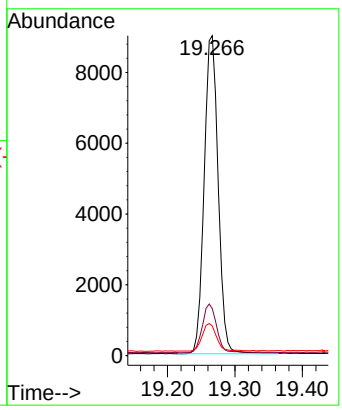


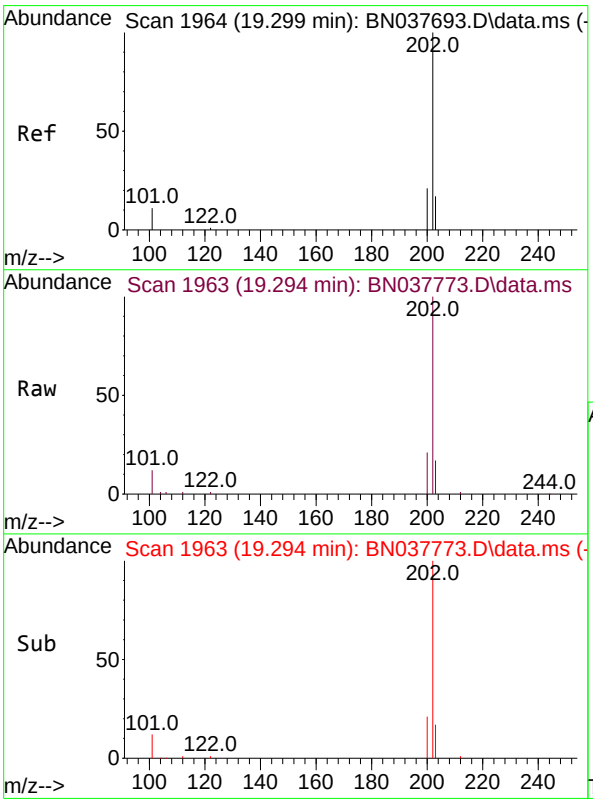
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.266 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:212 Resp: 12926

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.2	18.2
104	8.7	6.9	10.3

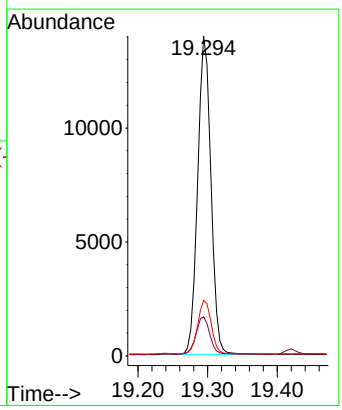


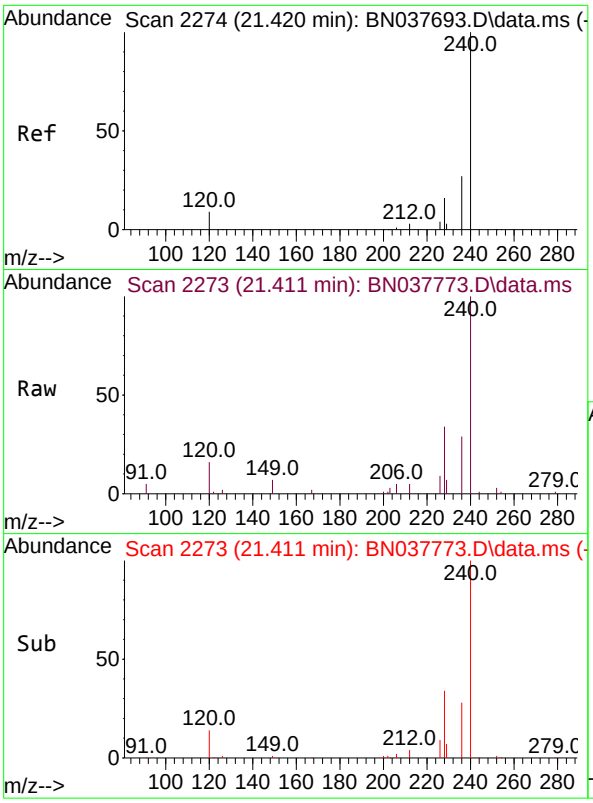


#28
Fluoranthene
Concen: 0.376 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:202 Resp: 18446

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
203	17.2	13.7	20.5



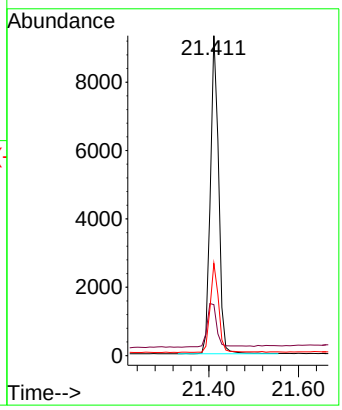


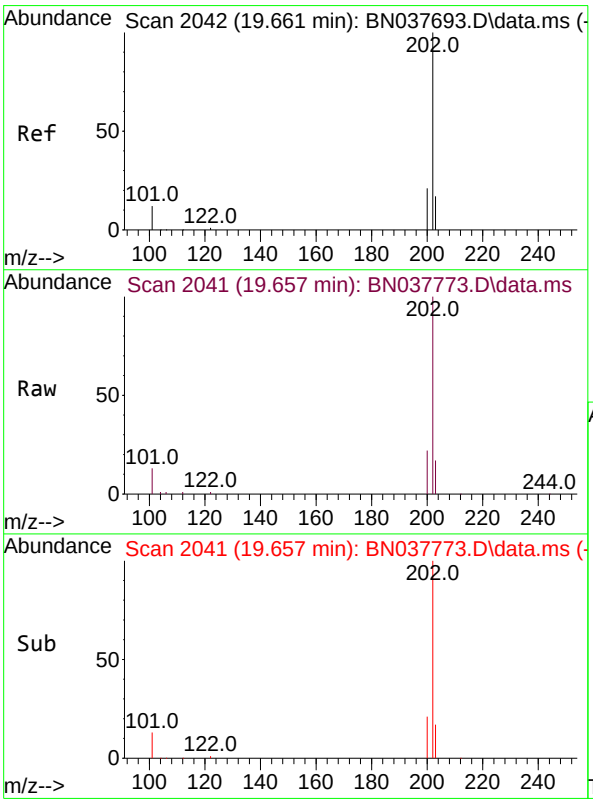
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:240 Resp: 11982

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.2	13.8#
236	28.8	22.6	33.8

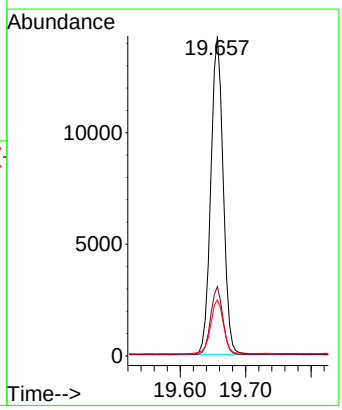


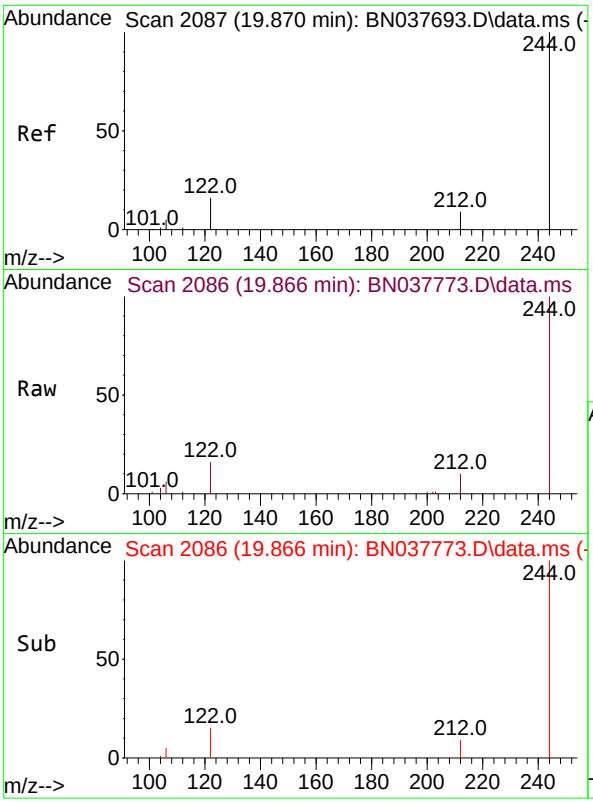


#30
Pyrene
Concen: 0.400 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:202 Resp: 18763

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	14.3	21.5



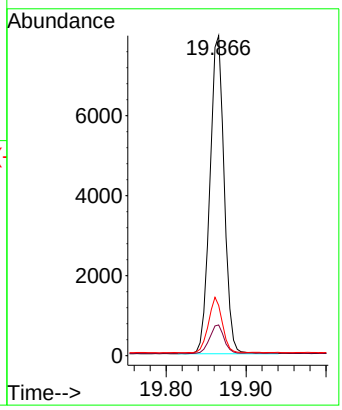


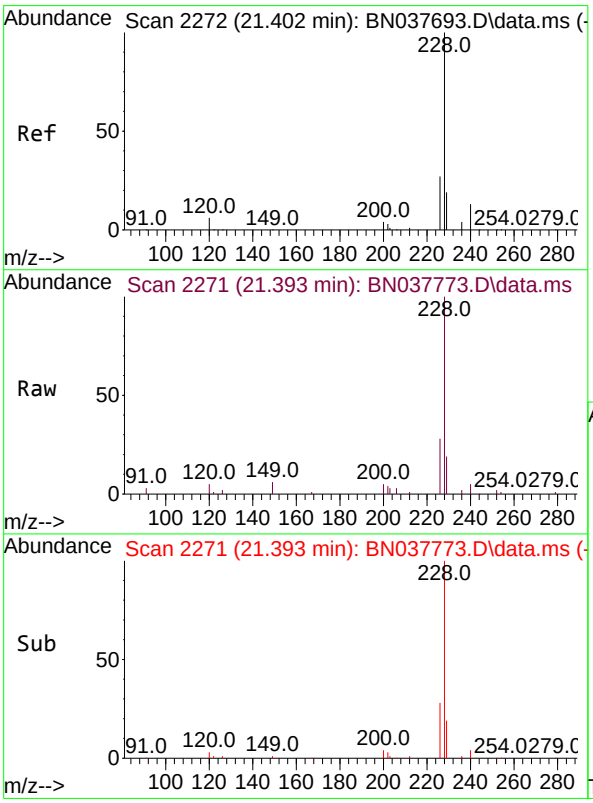
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 19.866 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:244 Resp: 9877

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	15.7	13.2	19.8

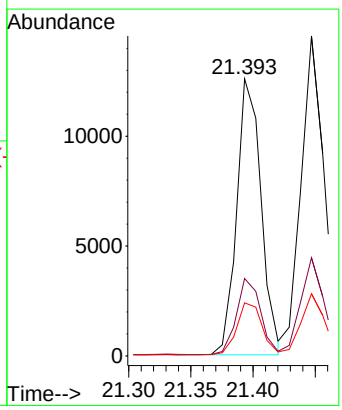


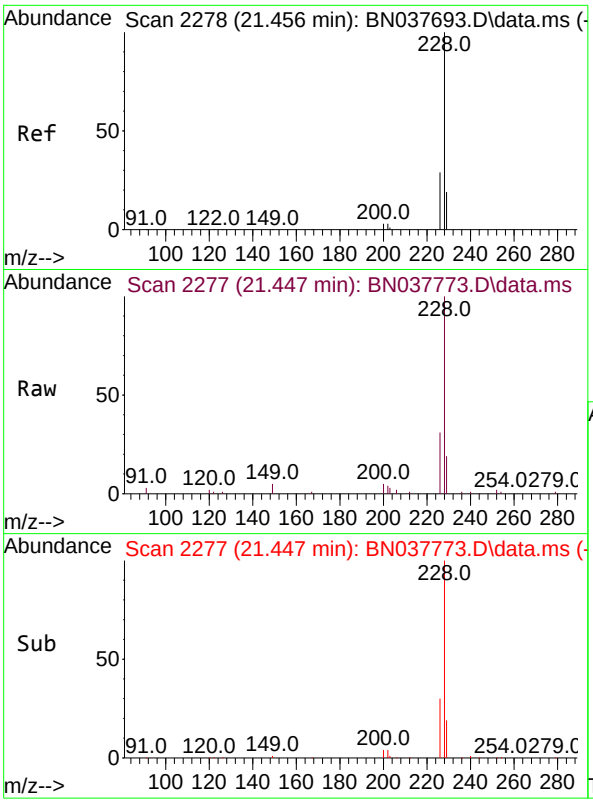


#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:228 Resp: 17097

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	19.2	15.8	23.6



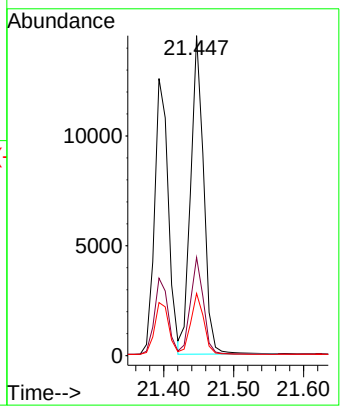


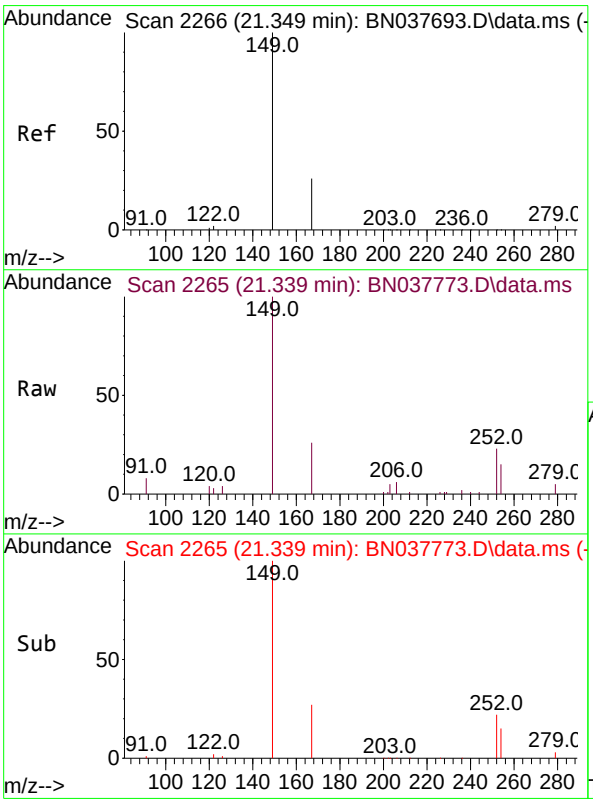
#33
Chrysene
Concen: 0.418 ng
RT: 21.447 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:228 Resp: 18729

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.5	35.3
229	19.4	15.9	23.9

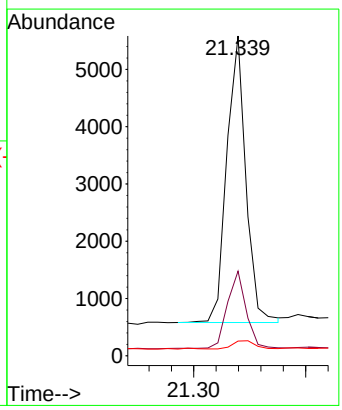


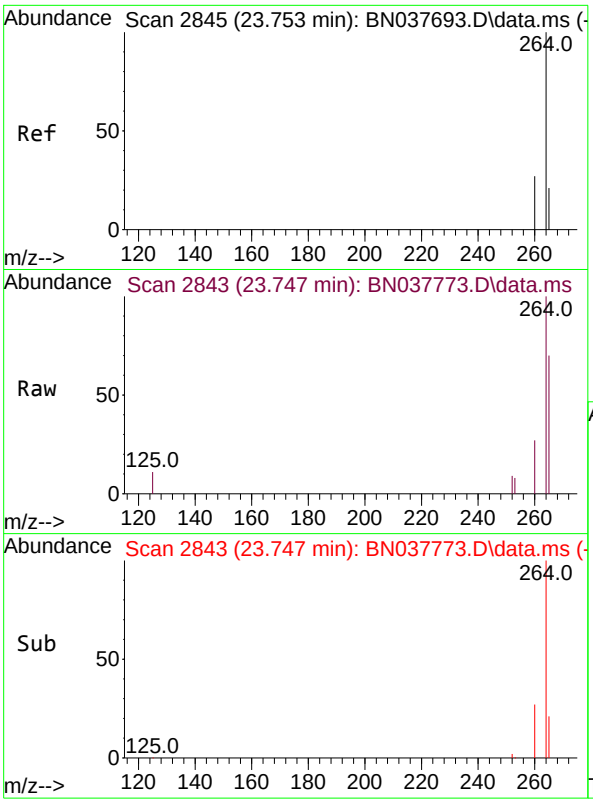


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.477 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:149 Resp: 5916

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.4	3.3	4.9



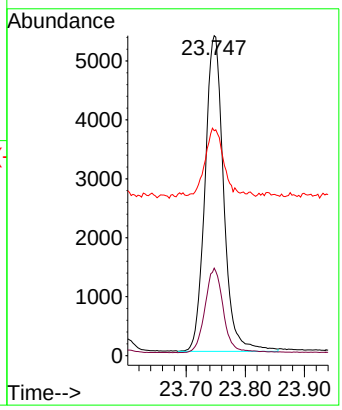


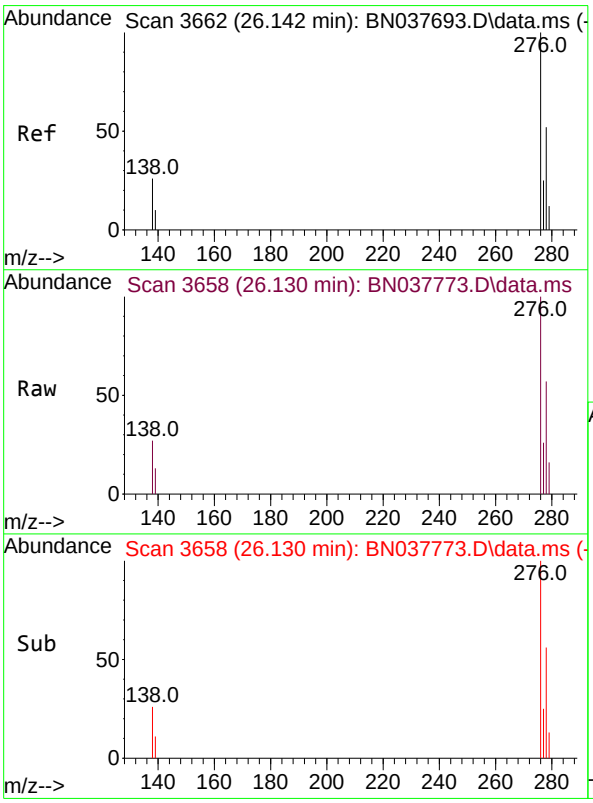
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:264 Resp: 11726

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	70.3	39.4	59.2#

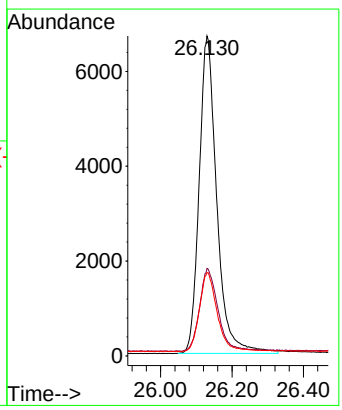


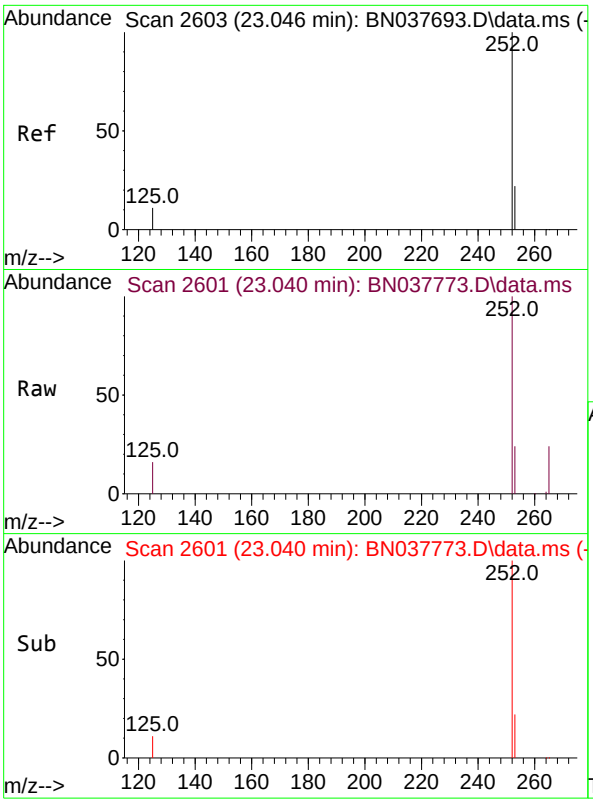


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng
RT: 26.130 min Scan# 3658
Delta R.T. -0.012 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:276 Resp: 22920

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.9	32.9
277	25.2	20.1	30.1



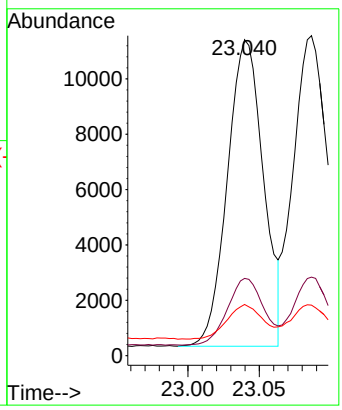


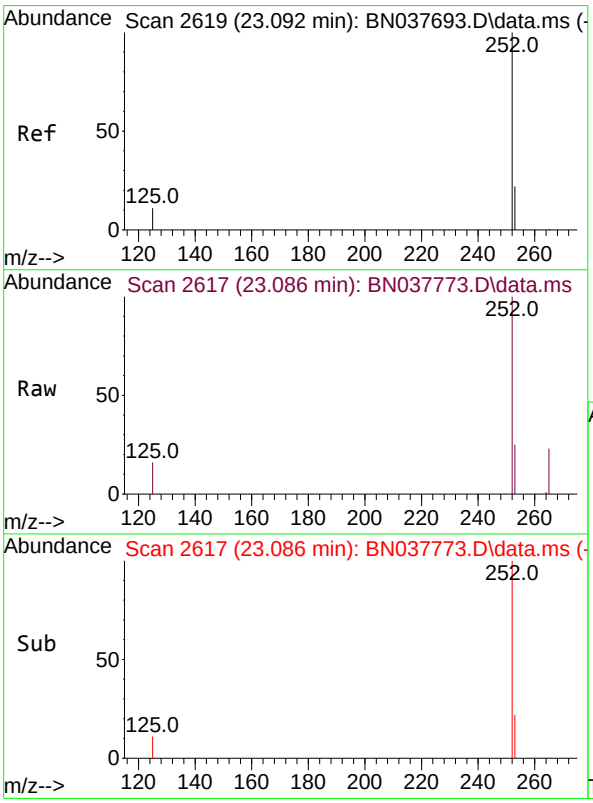
#37
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.040 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:252 Resp: 19407

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	16.2	11.2	16.8

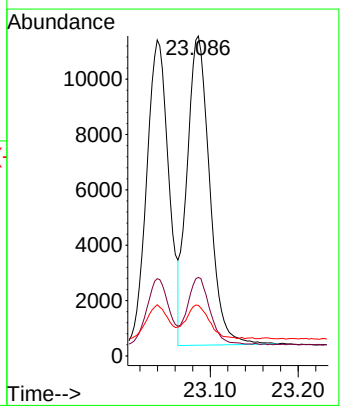


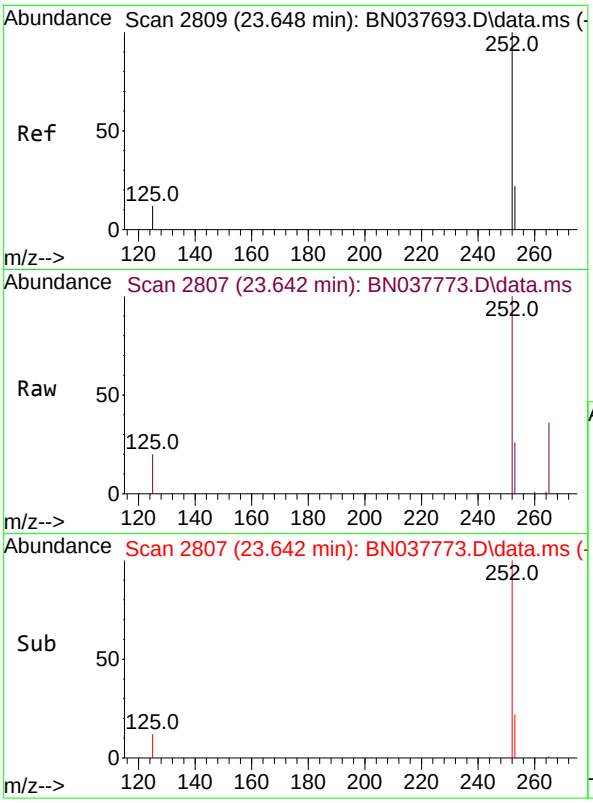


#38
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 23.086 min Scan# 2617
Delta R.T. -0.006 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:252 Resp: 19956

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	15.8	11.6	17.4



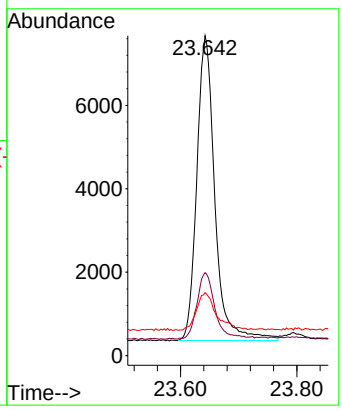


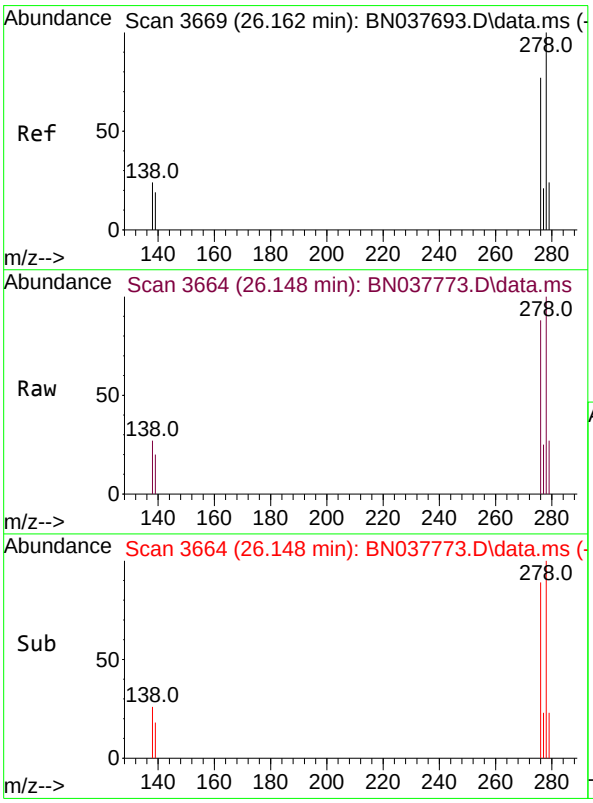
#39
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.642 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:252 Resp: 15734

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.8	31.2
125	19.7	13.9	20.9

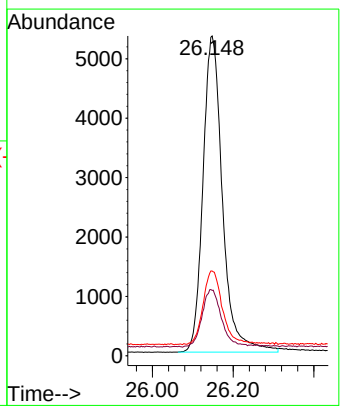


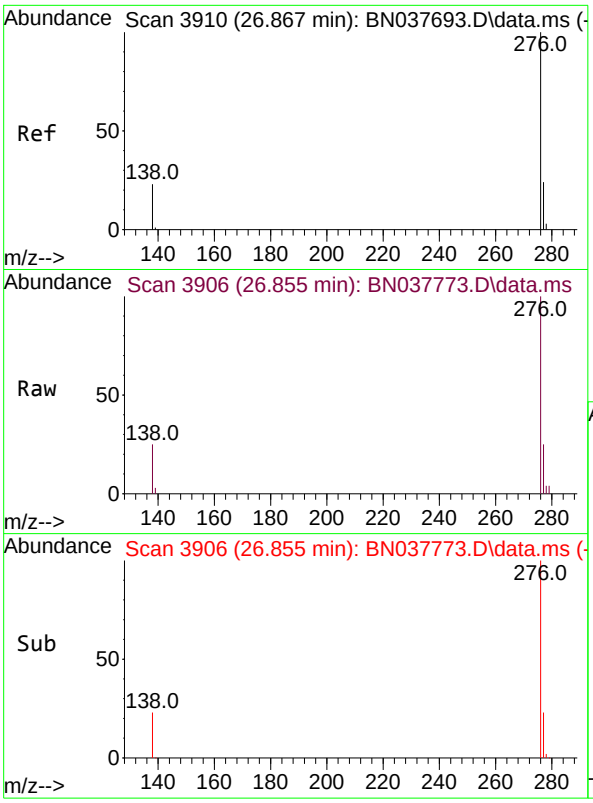


#40
Dibenzo(a,h)anthracene
Concen: 0.455 ng
RT: 26.148 min Scan# 3664
Delta R.T. -0.015 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:278 Resp: 17896

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.8	26.6
279	26.5	22.0	33.0



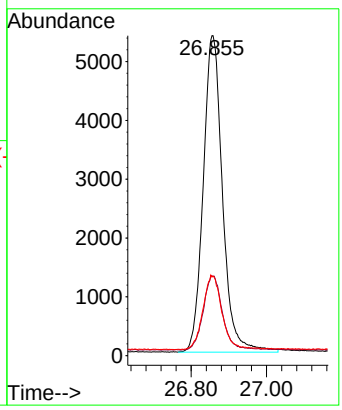


#41
Benzo(g,h,i)perylene
Concen: 0.433 ng
RT: 26.855 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:276 Resp: 19134

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.6	31.0
138	24.5	20.2	30.2



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

Manual Integration Report

Sequence:	BN091125	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.2	BN037692.D	Benzo(k)fluoranthene	Rahul	9/12/2025 8:44:30 AM	Jagrut	9/12/2025 11:51:26 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BN091725	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:	BN091825	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169693BS	BN037792.D	Benzo(k)fluoranthene	Rahul	9/19/2025 8:46:42 AM	mohammad	9/23/2025 2:07:38 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BN091925	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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091125

Review By	Rahul	Review On	9/12/2025 10:21:18 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:52:20 AM		
SubDirectory	BN091125	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037689.D	11 Sep 2025 07:54	RC/JU	Ok
2	SSTDCCC0.4	BN037690.D	11 Sep 2025 09:20	RC/JU	Ok
3	SSTDICC0.1	BN037691.D	11 Sep 2025 09:56	RC/JU	Ok
4	SSTDICC0.2	BN037692.D	11 Sep 2025 10:32	RC/JU	Ok,M
5	SSTDICCC0.4	BN037693.D	11 Sep 2025 11:08	RC/JU	Ok
6	SSTDICC0.8	BN037694.D	11 Sep 2025 11:44	RC/JU	Ok
7	SSTDICC1.6	BN037695.D	11 Sep 2025 12:20	RC/JU	Ok
8	SSTDICC3.2	BN037696.D	11 Sep 2025 12:56	RC/JU	Ok
9	SSTDICC5.0	BN037697.D	11 Sep 2025 13:33	RC/JU	Ok
10	SSTDICV0.4	BN037698.D	11 Sep 2025 14:09	RC/JU	Ok
11	PB169529BL	BN037699.D	11 Sep 2025 14:45	RC/JU	Ok
12	Q2893-03	BN037700.D	11 Sep 2025 15:21	RC/JU	Ok
13	Q2893-03	BN037701.D	11 Sep 2025 15:58	RC/JU	Ok
14	Q2893-09	BN037702.D	11 Sep 2025 16:34	RC/JU	Ok
15	Q2893-09	BN037703.D	11 Sep 2025 17:10	RC/JU	Ok
16	PB169527BL	BN037704.D	11 Sep 2025 17:47	RC/JU	Ok
17	SSTDCCC0.4	BN037705.D	11 Sep 2025 18:23	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 # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM		
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037739.D	17 Sep 2025 10:46	RC/JU	Ok
2	SSTDCCC0.4	BN037740.D	17 Sep 2025 11:25	RC/JU	Ok
3	PB169692BL	BN037741.D	17 Sep 2025 12:02	RC/JU	Ok
4	Q3095-05	BN037742.D	17 Sep 2025 12:38	RC/JU	Ok
5	Q3095-06MS	BN037743.D	17 Sep 2025 13:14	RC/JU	Ok
6	Q3095-07MSD	BN037744.D	17 Sep 2025 13:59	RC/JU	Ok
7	Q3086-01	BN037745.D	17 Sep 2025 14:35	RC/JU	Ok
8	Q3086-02	BN037746.D	17 Sep 2025 15:11	RC/JU	Ok
9	Q3095-01	BN037747.D	17 Sep 2025 15:47	RC/JU	Ok
10	Q3095-02	BN037748.D	17 Sep 2025 16:24	RC/JU	Ok
11	Q3095-03	BN037749.D	17 Sep 2025 17:00	RC/JU	Dilution
12	Q3095-04	BN037750.D	17 Sep 2025 17:36	RC/JU	Ok
13	Q3095-08	BN037751.D	17 Sep 2025 18:13	RC/JU	Ok
14	Q3095-09	BN037752.D	17 Sep 2025 18:49	RC/JU	Ok
15	Q3095-10	BN037753.D	17 Sep 2025 19:25	RC/JU	Ok
16	Q3095-11	BN037754.D	17 Sep 2025 20:01	RC/JU	Ok
17	Q3095-13	BN037755.D	17 Sep 2025 20:37	RC/JU	Ok
18	SP6870	BN037756.D	17 Sep 2025 21:13	RC/JU	Ok
19	SSTDCCC0.4	BN037757.D	17 Sep 2025 21:50	RC/JU	Ok
20	DFTPP	BN037758.D	18 Sep 2025 02:06	RC/JU	Ok
21	SSTDCCC0.4	BN037759.D	18 Sep 2025 02:46	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM		
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169692BL	BN037760.D	18 Sep 2025 03:22	RC/JU	Ok
23	Q3095-12	BN037761.D	18 Sep 2025 03:58	RC/JU	Ok
24	Q3095-14	BN037762.D	18 Sep 2025 04:34	RC/JU	Ok
25	Q3095-15	BN037763.D	18 Sep 2025 05:10	RC/JU	Ok
26	Q3095-16	BN037764.D	18 Sep 2025 05:46	RC/JU	Ok
27	Q3095-17	BN037765.D	18 Sep 2025 06:23	RC/JU	Ok
28	Q3095-18	BN037766.D	18 Sep 2025 06:59	RC/JU	Ok
29	Q3095-19	BN037767.D	18 Sep 2025 07:35	RC/JU	Ok
30	Q3095-20	BN037768.D	18 Sep 2025 08:11	RC/JU	Ok
31	Q3097-07	BN037769.D	18 Sep 2025 08:47	RC/JU	Ok
32	Q3097-08	BN037770.D	18 Sep 2025 09:23	RC/JU	Dilution
33	Q3097-01	BN037771.D	18 Sep 2025 10:00	RC/JU	Ok
34	Q3097-02MS	BN037772.D	18 Sep 2025 11:48	RC/JU	Ok
35	Q3097-03MSD	BN037773.D	18 Sep 2025 12:25	RC/JU	Ok
36	SSTDCCC0.4	BN037774.D	18 Sep 2025 13:16	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM		
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM		
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037775.D	18 Sep 2025 13:53	RC/JU	Ok
2	SSTDCCC0.4	BN037776.D	18 Sep 2025 14:32	RC/JU	Ok
3	PB169693BL	BN037777.D	18 Sep 2025 15:10	RC/JU	Ok
4	Q3097-09	BN037778.D	18 Sep 2025 15:47	RC/JU	Ok
5	Q3097-04	BN037779.D	18 Sep 2025 16:23	RC/JU	Ok
6	Q3097-05	BN037780.D	18 Sep 2025 17:00	RC/JU	Ok
7	Q3097-06	BN037781.D	18 Sep 2025 17:36	RC/JU	Ok
8	Q3083-03	BN037782.D	18 Sep 2025 18:12	RC/JU	Dilution
9	Q3095-21	BN037783.D	18 Sep 2025 18:49	RC/JU	Ok
10	Q3095-22	BN037784.D	18 Sep 2025 19:25	RC/JU	Ok
11	Q3095-23	BN037785.D	18 Sep 2025 20:02	RC/JU	Ok
12	Q3095-24	BN037786.D	18 Sep 2025 20:38	RC/JU	Ok
13	Q3095-25	BN037787.D	18 Sep 2025 21:14	RC/JU	Ok
14	Q3095-26	BN037788.D	18 Sep 2025 21:51	RC/JU	Ok
15	Q3095-03DL	BN037789.D	18 Sep 2025 22:27	RC/JU	Ok
16	Q3097-08DL	BN037790.D	18 Sep 2025 23:03	RC/JU	Ok
17	PB169692BS	BN037791.D	18 Sep 2025 23:40	RC/JU	Ok
18	PB169693BS	BN037792.D	19 Sep 2025 00:16	RC/JU	Ok,M
19	SSTDCCC0.4	BN037793.D	19 Sep 2025 00:52	RC/JU	Ok
20	DFTPP	BN037794.D	19 Sep 2025 02:08	RC/JU	Ok
21	SSTDCCC0.4	BN037795.D	19 Sep 2025 02:47	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM		
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM		
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169692BL	BN037796.D	19 Sep 2025 03:24	RC/JU	Ok
23	Q3095-29	BN037797.D	19 Sep 2025 04:00	RC/JU	Ok
24	Q3095-30	BN037798.D	19 Sep 2025 04:37	RC/JU	Ok
25	Q3095-31	BN037799.D	19 Sep 2025 05:13	RC/JU	Ok
26	Q3095-32	BN037800.D	19 Sep 2025 05:49	RC/JU	Ok
27	Q3097-10	BN037801.D	19 Sep 2025 06:25	RC/JU	Ok
28	Q3097-11	BN037802.D	19 Sep 2025 07:01	RC/JU	Ok
29	Q3097-12	BN037803.D	19 Sep 2025 07:37	RC/JU	Ok
30	Q3097-13	BN037804.D	19 Sep 2025 08:13	RC/JU	Dilution
31	Q3097-14	BN037805.D	19 Sep 2025 08:49	RC/JU	Ok
32	Q3097-15	BN037806.D	19 Sep 2025 09:25	RC/JU	Ok
33	Q3097-19	BN037807.D	19 Sep 2025 10:02	RC/JU	Dilution
34	Q3127-13	BN037808.D	19 Sep 2025 10:38	RC/JU	Ok
35	Q3127-14MS	BN037809.D	19 Sep 2025 11:50	RC/JU	Ok,M
36	Q3127-15MSD	BN037810.D	19 Sep 2025 12:27	RC/JU	Ok,M
37	SSTDCCC0.4	BN037811.D	19 Sep 2025 13:03	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM				
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM				
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125		

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037812.D	19 Sep 2025 13:39	RC/JU	Ok
2	SSTDCCC0.4	BN037813.D	19 Sep 2025 14:19	RC/JU	Ok
3	PB169743BL	BN037814.D	19 Sep 2025 14:55	RC/JU	Ok
4	Q3095-27	BN037815.D	19 Sep 2025 15:32	RC/JU	Ok
5	Q3083-03DL	BN037816.D	19 Sep 2025 16:08	RC/JU	Ok
6	Q3097-13DL	BN037817.D	19 Sep 2025 16:45	RC/JU	Ok
7	Q3097-19DL	BN037818.D	19 Sep 2025 17:21	RC/JU	Ok
8	Q3097-21	BN037819.D	19 Sep 2025 17:58	RC/JU	Ok
9	Q3097-22	BN037820.D	19 Sep 2025 18:34	RC/JU	Ok
10	Q3097-23	BN037821.D	19 Sep 2025 19:11	RC/JU	Ok
11	Q3097-24	BN037822.D	19 Sep 2025 19:47	RC/JU	Dilution
12	Q3097-25	BN037823.D	19 Sep 2025 20:24	RC/JU	Dilution
13	Q3097-26	BN037824.D	19 Sep 2025 21:00	RC/JU	Ok
14	Q3127-01	BN037825.D	19 Sep 2025 21:37	RC/JU	Ok
15	Q3127-02	BN037826.D	19 Sep 2025 22:13	RC/JU	Dilution
16	Q3127-03	BN037827.D	19 Sep 2025 22:50	RC/JU	Dilution
17	Q3127-04	BN037828.D	19 Sep 2025 23:26	RC/JU	Dilution
18	PB169743BS	BN037829.D	20 Sep 2025 00:03	RC/JU	Ok
19	SSTDCCC0.4	BN037830.D	20 Sep 2025 00:39	RC/JU	Ok
20	DFTPP	BN037831.D	20 Sep 2025 01:16	RC/JU	Ok
21	SSTDCCC0.4	BN037832.D	20 Sep 2025 02:35	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM		
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM		
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169743BL	BN037833.D	20 Sep 2025 03:12	RC/JU	Ok
23	Q3127-05	BN037834.D	20 Sep 2025 03:48	RC/JU	Ok
24	Q3127-06	BN037835.D	20 Sep 2025 04:25	RC/JU	Ok
25	Q3127-07	BN037836.D	20 Sep 2025 05:01	RC/JU	Ok
26	Q3127-08	BN037837.D	20 Sep 2025 05:37	RC/JU	Dilution
27	Q3127-09	BN037838.D	20 Sep 2025 06:13	RC/JU	Ok
28	Q3127-10	BN037839.D	20 Sep 2025 06:50	RC/JU	Ok
29	Q3127-11	BN037840.D	20 Sep 2025 07:26	RC/JU	Ok
30	Q3127-12	BN037841.D	20 Sep 2025 08:02	RC/JU	Ok
31	Q3127-16	BN037842.D	20 Sep 2025 08:38	RC/JU	Dilution
32	Q3095-28	BN037843.D	20 Sep 2025 09:14	RC/JU	Ok
33	Q3097-20	BN037844.D	20 Sep 2025 09:51	RC/JU	Dilution
34	Q3127-18	BN037845.D	20 Sep 2025 10:27	RC/JU	Ok
35	Q3127-19	BN037846.D	20 Sep 2025 11:03	RC/JU	Ok
36	SSTDCCC0.4	BN037847.D	20 Sep 2025 11:39	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091125

Review By	Rahul	Review On	9/12/2025 10:21:18 AM	
Supervise By	Jagrut	Supervise On	9/12/2025 11:52:20 AM	
SubDirectory	BN091125	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037689.D	11 Sep 2025 07:54		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037690.D	11 Sep 2025 09:20	A Fresh Calibration is required.	RC/JU	Ok
3	SSTDICC0.1	SSTDICC0.1	BN037691.D	11 Sep 2025 09:56		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037692.D	11 Sep 2025 10:32		RC/JU	Ok,M
5	SSTDICCC0.4	SSTDICCC0.4	BN037693.D	11 Sep 2025 11:08		RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037694.D	11 Sep 2025 11:44		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037695.D	11 Sep 2025 12:20		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037696.D	11 Sep 2025 12:56		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037697.D	11 Sep 2025 13:33	Compound#14,20 removed from 5 ppm	RC/JU	Ok
10	SSTDICV0.4	ICVBN091125	BN037698.D	11 Sep 2025 14:09		RC/JU	Ok
11	PB169529BL	PB169529BL	BN037699.D	11 Sep 2025 14:45		RC/JU	Ok
12	Q2893-03	MDL-SOIL-03-QT3-202	BN037700.D	11 Sep 2025 15:21	MDL-SOIL -0.1 ppm	RC/JU	Ok
13	Q2893-03	MDL-SOIL-03-QT3-202	BN037701.D	11 Sep 2025 15:58	MDL-SOIL -0.2 ppm	RC/JU	Ok
14	Q2893-09	MDL-WATER-03-QT3-2	BN037702.D	11 Sep 2025 16:34	MDL-WATER -0.1 ppm	RC/JU	Ok
15	Q2893-09	MDL-WATER-03-QT3-2	BN037703.D	11 Sep 2025 17:10	MDL-WATER -0.2 ppm	RC/JU	Ok
16	PB169527BL	PB169527BL	BN037704.D	11 Sep 2025 17:47		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4EC	BN037705.D	11 Sep 2025 18:23		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM	
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM	
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037739.D	17 Sep 2025 10:46		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037740.D	17 Sep 2025 11:25		RC/JU	Ok
3	PB169692BL	PB169692BL	BN037741.D	17 Sep 2025 12:02		RC/JU	Ok
4	Q3095-05	MW203D2-20250909	BN037742.D	17 Sep 2025 12:38		RC/JU	Ok
5	Q3095-06MS	MW203D2-20250909M	BN037743.D	17 Sep 2025 13:14		RC/JU	Ok
6	Q3095-07MSD	MW203D2-20250909M	BN037744.D	17 Sep 2025 13:59		RC/JU	Ok
7	Q3086-01	RW8-SP100-20250911	BN037745.D	17 Sep 2025 14:35		RC/JU	Ok
8	Q3086-02	RW8-SP303-20250911	BN037746.D	17 Sep 2025 15:11		RC/JU	Ok
9	Q3095-01	MW305I-20250908	BN037747.D	17 Sep 2025 15:47		RC/JU	Ok
10	Q3095-02	MW179D-20250908	BN037748.D	17 Sep 2025 16:24		RC/JU	Ok
11	Q3095-03	MW201D-20250908	BN037749.D	17 Sep 2025 17:00	Need 2X Dilution	RC/JU	Dilution
12	Q3095-04	MW179D1-20250908	BN037750.D	17 Sep 2025 17:36		RC/JU	Ok
13	Q3095-08	MW203D1-20250909	BN037751.D	17 Sep 2025 18:13		RC/JU	Ok
14	Q3095-09	MW179D2-20250909	BN037752.D	17 Sep 2025 18:49		RC/JU	Ok
15	Q3095-10	MW201D1-20250909	BN037753.D	17 Sep 2025 19:25		RC/JU	Ok
16	Q3095-11	RE122D1-20250909	BN037754.D	17 Sep 2025 20:01		RC/JU	Ok
17	Q3095-13	MW178I1-20250909	BN037755.D	17 Sep 2025 20:37		RC/JU	Ok
18	SP6870	SP6870	BN037756.D	17 Sep 2025 21:13		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM	
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM	
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037757.D	17 Sep 2025 21:50		RC/JU	Ok
20	DFTPP	DFTPP	BN037758.D	18 Sep 2025 02:06		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037759.D	18 Sep 2025 02:46		RC/JU	Ok
22	PB169692BL	PB169692BL	BN037760.D	18 Sep 2025 03:22		RC/JU	Ok
23	Q3095-12	MW202D-20250909	BN037761.D	18 Sep 2025 03:58		RC/JU	Ok
24	Q3095-14	RE123D1-20250909	BN037762.D	18 Sep 2025 04:34		RC/JU	Ok
25	Q3095-15	RE123D3-20250909	BN037763.D	18 Sep 2025 05:10		RC/JU	Ok
26	Q3095-16	MW305D-20250909	BN037764.D	18 Sep 2025 05:46		RC/JU	Ok
27	Q3095-17	DUP01-20250909	BN037765.D	18 Sep 2025 06:23		RC/JU	Ok
28	Q3095-18	RE126D2-20250909	BN037766.D	18 Sep 2025 06:59		RC/JU	Ok
29	Q3095-19	RE126D3-20250909	BN037767.D	18 Sep 2025 07:35		RC/JU	Ok
30	Q3095-20	MW178S-20250910	BN037768.D	18 Sep 2025 08:11		RC/JU	Ok
31	Q3097-07	RE108D2-20250911	BN037769.D	18 Sep 2025 08:47		RC/JU	Ok
32	Q3097-08	RE125D2-20250911	BN037770.D	18 Sep 2025 09:23	Need 5X Dilution	RC/JU	Dilution
33	Q3097-01	RE103D2-20250911	BN037771.D	18 Sep 2025 10:00		RC/JU	Ok
34	Q3097-02MS	RE103D2-20250911MS	BN037772.D	18 Sep 2025 11:48		RC/JU	Ok
35	Q3097-03MSD	RE103D2-20250911MS	BN037773.D	18 Sep 2025 12:25		RC/JU	Ok
36	SSTDCCC0.4	SSTDCCC0.4EC	BN037774.D	18 Sep 2025 13:16		RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM	
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM	
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037775.D	18 Sep 2025 13:53		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037776.D	18 Sep 2025 14:32		RC/JU	Ok
3	PB169693BL	PB169693BL	BN037777.D	18 Sep 2025 15:10		RC/JU	Ok
4	Q3097-09	RE108D1-20250911	BN037778.D	18 Sep 2025 15:47		RC/JU	Ok
5	Q3097-04	RE125D1-20250911	BN037779.D	18 Sep 2025 16:23		RC/JU	Ok
6	Q3097-05	RE125D3-20250911	BN037780.D	18 Sep 2025 17:00		RC/JU	Ok
7	Q3097-06	RE103D3-20250911	BN037781.D	18 Sep 2025 17:36		RC/JU	Ok
8	Q3083-03	MW3S	BN037782.D	18 Sep 2025 18:12	Need 2x Dilution	RC/JU	Dilution
9	Q3095-21	RE126D1-20250910	BN037783.D	18 Sep 2025 18:49		RC/JU	Ok
10	Q3095-22	MW202D1-20250910	BN037784.D	18 Sep 2025 19:25		RC/JU	Ok
11	Q3095-23	RE104D2-20250910	BN037785.D	18 Sep 2025 20:02		RC/JU	Ok
12	Q3095-24	MW178I-20250910	BN037786.D	18 Sep 2025 20:38		RC/JU	Ok
13	Q3095-25	DUP02-20250910	BN037787.D	18 Sep 2025 21:14		RC/JU	Ok
14	Q3095-26	DUP03-20250910	BN037788.D	18 Sep 2025 21:51		RC/JU	Ok
15	Q3095-03DL	MW201D-20250908DL	BN037789.D	18 Sep 2025 22:27		RC/JU	Ok
16	Q3097-08DL	RE125D2-20250911DL	BN037790.D	18 Sep 2025 23:03		RC/JU	Ok
17	PB169692BS	PB169692BS	BN037791.D	18 Sep 2025 23:40		RC/JU	Ok
18	PB169693BS	PB169693BS	BN037792.D	19 Sep 2025 00:16		RC/JU	Ok,M

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 # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM	
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM	
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037793.D	19 Sep 2025 00:52		RC/JU	Ok
20	DFTPP	DFTPP	BN037794.D	19 Sep 2025 02:08		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037795.D	19 Sep 2025 02:47		RC/JU	Ok
22	PB169692BL	PB169692BL	BN037796.D	19 Sep 2025 03:24		RC/JU	Ok
23	Q3095-29	RE122D2-20250910	BN037797.D	19 Sep 2025 04:00		RC/JU	Ok
24	Q3095-30	RE104D1-20250910	BN037798.D	19 Sep 2025 04:37		RC/JU	Ok
25	Q3095-31	TT180D-20250911	BN037799.D	19 Sep 2025 05:13		RC/JU	Ok
26	Q3095-32	RE122D3-20250911	BN037800.D	19 Sep 2025 05:49		RC/JU	Ok
27	Q3097-10	RE120D3-20250911	BN037801.D	19 Sep 2025 06:25		RC/JU	Ok
28	Q3097-11	RE105D1-20250911	BN037802.D	19 Sep 2025 07:01		RC/JU	Ok
29	Q3097-12	DUP04-20250911	BN037803.D	19 Sep 2025 07:37		RC/JU	Ok
30	Q3097-13	DUP05-20250911	BN037804.D	19 Sep 2025 08:13	Need 2X Dilution	RC/JU	Dilution
31	Q3097-14	RE105D2-20250911	BN037805.D	19 Sep 2025 08:49		RC/JU	Ok
32	Q3097-15	RE117D2-20250911	BN037806.D	19 Sep 2025 09:25		RC/JU	Ok
33	Q3097-19	RE120D1-20250912	BN037807.D	19 Sep 2025 10:02	Need 2X Dilution	RC/JU	Dilution
34	Q3127-13	TT119S1-20250916	BN037808.D	19 Sep 2025 10:38		RC/JU	Ok
35	Q3127-14MS	TT119S1-20250916MS	BN037809.D	19 Sep 2025 11:50		RC/JU	Ok,M
36	Q3127-15MSD	TT119S1-20250916MS	BN037810.D	19 Sep 2025 12:27		RC/JU	Ok,M
37	SSTDCCC0.4	SSTDCCC0.4EC	BN037811.D	19 Sep 2025 13:03		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM	
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM	
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM	
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM	
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037812.D	19 Sep 2025 13:39		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037813.D	19 Sep 2025 14:19		RC/JU	Ok
3	PB169743BL	PB169743BL	BN037814.D	19 Sep 2025 14:55		RC/JU	Ok
4	Q3095-27	RE117D1-20250910	BN037815.D	19 Sep 2025 15:32		RC/JU	Ok
5	Q3083-03DL	MW3SDL	BN037816.D	19 Sep 2025 16:08		RC/JU	Ok
6	Q3097-13DL	DUP05-20250911DL	BN037817.D	19 Sep 2025 16:45		RC/JU	Ok
7	Q3097-19DL	RE120D1-20250912DL	BN037818.D	19 Sep 2025 17:21		RC/JU	Ok
8	Q3097-21	RE120D2-20250912	BN037819.D	19 Sep 2025 17:58		RC/JU	Ok
9	Q3097-22	RE134D1-20250912	BN037820.D	19 Sep 2025 18:34		RC/JU	Ok
10	Q3097-23	RE134D4-20250912	BN037821.D	19 Sep 2025 19:11		RC/JU	Ok
11	Q3097-24	RE134D2-20250912	BN037822.D	19 Sep 2025 19:47	Need 2X Dilution	RC/JU	Dilution
12	Q3097-25	RE134D3-20250912	BN037823.D	19 Sep 2025 20:24	Need 2X Dilution	RC/JU	Dilution
13	Q3097-26	EB01-20250912	BN037824.D	19 Sep 2025 21:00		RC/JU	Ok
14	Q3127-01	DUP08-20250915	BN037825.D	19 Sep 2025 21:37		RC/JU	Ok
15	Q3127-02	RE131D1-20250915	BN037826.D	19 Sep 2025 22:13	Need 2X Dilution	RC/JU	Dilution
16	Q3127-03	RE131D2-20250915	BN037827.D	19 Sep 2025 22:50	Need 2X Dilution	RC/JU	Dilution
17	Q3127-04	DUP07-20250915	BN037828.D	19 Sep 2025 23:26	Need 2X Dilution	RC/JU	Dilution
18	PB169743BS	PB169743BS	BN037829.D	20 Sep 2025 00:03		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM	
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM	
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn091125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037830.D	20 Sep 2025 00:39		RC/JU	Ok
20	DFTPP	DFTPP	BN037831.D	20 Sep 2025 01:16		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037832.D	20 Sep 2025 02:35		RC/JU	Ok
22	PB169743BL	PB169743BL	BN037833.D	20 Sep 2025 03:12		RC/JU	Ok
23	Q3127-05	TT158I1-20250915	BN037834.D	20 Sep 2025 03:48		RC/JU	Ok
24	Q3127-06	TT180D2-20250915	BN037835.D	20 Sep 2025 04:25		RC/JU	Ok
25	Q3127-07	RE135D2-20250915	BN037836.D	20 Sep 2025 05:01		RC/JU	Ok
26	Q3127-08	RE132D6-20250916	BN037837.D	20 Sep 2025 05:37	Need 2X Dilution	RC/JU	Dilution
27	Q3127-09	TT101D2-20250915	BN037838.D	20 Sep 2025 06:13		RC/JU	Ok
28	Q3127-10	TT101D-20250915	BN037839.D	20 Sep 2025 06:50		RC/JU	Ok
29	Q3127-11	RE135D3-20250915	BN037840.D	20 Sep 2025 07:26		RC/JU	Ok
30	Q3127-12	RE132D7-20250916	BN037841.D	20 Sep 2025 08:02		RC/JU	Ok
31	Q3127-16	TT101D2-20250915	BN037842.D	20 Sep 2025 08:38	Need 2X Dilution	RC/JU	Dilution
32	Q3095-28	RE104D3-20250910	BN037843.D	20 Sep 2025 09:14		RC/JU	Ok
33	Q3097-20	DUP06-20250912	BN037844.D	20 Sep 2025 09:51	Need 2X Dilution	RC/JU	Dilution
34	Q3127-18	BPOW1-8-20250917	BN037845.D	20 Sep 2025 10:27		RC/JU	Ok
35	Q3127-19	BPOW1-7-20250917	BN037846.D	20 Sep 2025 11:03		RC/JU	Ok
36	SSTDCCC0.4	SSTDCCC0.4EC	BN037847.D	20 Sep 2025 11:39		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169693

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/15/2025
Matrix :	Water			**Extraction Start Time :**	12:00
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/15/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	4,5,6,7	**Supervisor By :**	ritesh

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	SP6855
Surrogate	1.0ML	0.4 PPM	SP6831
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	E3937
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443.

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
9/15/25	RJ (EXT-1 cab)	Rclsvoc
16:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169693

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 09/15/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169693BL	SBLK693	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1			SEP-1
PB169693BS	SLCS693	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1			2
Q3083-03	MW3S	SVOC-SIM	1000	6	ritesh	Evelyn	1	C		3
Q3095-21	RE126D1-20250910	SVOC-SIMGroup1	990	6	ritesh	Evelyn	1	C		4
Q3095-22	MW202D1-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		5
Q3095-23	RE104D2-20250910	SVOC-SIMGroup1	980	6	ritesh	Evelyn	1	C		6
Q3095-24	MW178I-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		7
Q3095-25	DUP02-20250910	SVOC-SIMGroup1	970	6	ritesh	Evelyn	1	C		8
Q3095-26	DUP0-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		9
Q3095-27	RE117D1-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		10
Q3095-28	RE104D3-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		11
Q3095-29	RE122D2-20250910	SVOC-SIMGroup1	980	6	ritesh	Evelyn	1	C		12
Q3095-30	RE104D1-20250910	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		13
Q3095-31	TT180D-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		14
Q3095-32	RE122D3-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		15
Q3097-01	RE103D2-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		16
Q3097-02	Q3097-01MS	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		SEP-1
Q3097-03	Q3097-01MSD	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		2
Q3097-04	RE125D1-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		3
Q3097-05	RE125D3-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		4
Q3097-06	RE103D3-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		5
Q3097-07	RE108D2-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		6
Q3097-08	RE125D2-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		7
Q3097-09	RE108D1-20250911	SVOC-SIMGroup1	1000	6	ritesh	Evelyn	1	C		8

* **Extracts relinquished on the same date as received.**

RJ 9/15

1696 12:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3095 **WorkList ID :** 191877 **Department :** Extraction **Date :** 09-15-2025 11:28:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3083-03	MW3S	Water	SVOC-SIM	Cool 4 deg C	GENV01	D31	09/11/2025	8270-Modified
Q3095-21	RE126D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-22	MW202D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-23	RE104D2-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-24	MW178I-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-25	DUP02-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-26	DUP0-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-27	RE117D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-28	RE104D3-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-29	RE122D2-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-30	RE104D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-31	TT180D-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/11/2025	8270-Modified
Q3095-32	RE122D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/11/2025	8270-Modified
Q3097-01	RE103D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-02	Q3097-01MS	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-03	Q3097-01MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-04	RE125D1-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-05	RE125D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-06	RE103D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-07	RE108D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-08	RE125D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified

Date/Time 09/15/25 11:55

Raw Sample Received by: RJ (Courier)

Raw Sample Relinquished by: [signature]

Date/Time 09/15/25 12:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: RJ (Courier)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3095 **WorkList ID :** 191877 **Department :** Extraction **Date :** 09-15-2025 11:28:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3097-09	RE108D1-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified

Date/Time 09/15/25 11:55

Raw Sample Received by: RJ (EXL-Lab)

Raw Sample Relinquished by: [signature]

Date/Time 09/15/25 12:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: RJ (EXL-Lab)

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

LAB CHRONICLE

OrderID:	Q3083	**OrderDate:**	9/11/2025 1:25:37 PM
Client:	G Environmental	**Project:**	Blanchard
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-03	**MW3S**	**Water**			**09/11/25**			**09/11/25**
			SVOC-SIM	8270-Modified		09/15/25	09/18/25	
Q3083-03DL	**MW3SDL**	**Water**			**09/11/25**			**09/11/25**
			SVOC-SIM	8270-Modified		09/15/25	09/19/25	