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

Hit Summary Sheet
SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**38073-100124**							
Q1870-03	38073-100124	WATER	2,4-Dimethylphenol	38.600		1.9	5	ug/L
			Total Svoc :			**38.60**		
			Total Concentration:			**38.60**		

SAMPLE DATA

Raw Data: **BM050038.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/22/25
Project:	NJ Waste Water PT	Date Received:	04/24/25
Client Sample ID:	38073-100124	SDG No.:	Q1870
Lab Sample ID:	Q1870-03	Matrix:	Water
Analytical Method:	SW8270	% 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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050038.D	1	04/24/25 12:05	04/29/25 11:39	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	38.6		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	149		10 - 134	100%	SPK: 150
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	245000	7.763			
1146-65-2	Naphthalene-d8	915000	10.557			
15067-26-2	Acenaphthene-d10	618000	14.41			
1517-22-2	Phenanthrene-d10	1210000	17.157			
1719-03-5	Chrysene-d12	1060000	21.403			
1520-96-3	Perylene-d12	1120000	24.403			

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

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Surrogate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167729BL	PB167729BL	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	129	86		10	134
		2,4,6-Tribromophenol	150	126	84		44	137
PB167729BS	PB167729BS	2-Fluorophenol	150	133	89		10	139
		Phenol-d6	150	131	87		10	134
		2,4,6-Tribromophenol	150	133	89		44	137
Q1870-03	38073-100124	2-Fluorophenol	150	145	96		10	139
		Phenol-d6	150	149	100		10	134
		2,4,6-Tribromophenol	150	154	103		44	137

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E **DataFile:** BM050040.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167729BS	2,4-Dimethylphenol	50	43.5	ug/L	87				42	142	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167729BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050036.D Lab Sample ID: PB167729BL

Instrument ID: BNA_M Date Extracted: 04/24/2025

Matrix: (soil/water) Water Date Analyzed: 04/29/2025

Level: (low/med) LOW Time Analyzed: 09:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167729BS	PB167729BS	BM050040.D	04/29/2025
38073-100124	Q1870-03	BM050038.D	04/29/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
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	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.3) 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	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050034.D DFTPP Injection Date: 04/29/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.5 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050035.D	04/29/2025	09:13
PB167729BL	PB167729BL	BM050036.D	04/29/2025	09:52
38073-100124	Q1870-03	BM050038.D	04/29/2025	11:39
PB167729BS	PB167729BS	BM050040.D	04/29/2025	12:58

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	251798	7.769	911122	10.56	601329	14.41
	UPPER LIMIT	503596	8.269	1822240	11.057	1202660	14.91
	LOWER LIMIT	125899	7.269	455561	10.057	300665	13.91
	EPA SAMPLE NO.						
01	PB167729BL	267473	7.77	926574	10.56	611197	14.41
02	38073-100124	245413	7.76	914618	10.56	618114	14.41
03	PB167729BS	269893	7.76	961152	10.56	608153	14.41

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

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

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

Alliance TECHNICAL GROUP
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1168790	17.156	1131300	21.397	1083540	24.397
	UPPER LIMIT	2337580	17.656	2262600	21.897	2167080	24.897
	LOWER LIMIT	584395	16.656	565650	20.897	541770	23.897
	EPA SAMPLE NO.						
01	PB167729BL	1171850	17.16	971539	21.40	1012330	24.40
02	38073-100124	1211510	17.16	1057120	21.40	1117520	24.40
03	PB167729BS	1141690	17.16	1074280	21.40	1054030	24.40

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BL	SDG No.:	Q1870
Lab Sample ID:	PB167729BL	Matrix:	Water
Analytical Method:	SW8270	% 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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050036.D	1	04/24/25 12:05	04/29/25 09:52	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.769			
1146-65-2	Naphthalene-d8	927000	10.563			
15067-26-2	Acenaphthene-d10	611000	14.41			
1517-22-2	Phenanthrene-d10	1170000	17.162			
1719-03-5	Chrysene-d12	972000	21.403			
1520-96-3	Perylene-d12	1010000	24.403			

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BS	SDG No.:	Q1870
Lab Sample ID:	PB167729BS	Matrix:	Water
Analytical Method:	SW8270	% 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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050040.D	1	04/24/25 12:05	04/29/25 12:58	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	43.5		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 134	87%	SPK: 150
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.763			
1146-65-2	Naphthalene-d8	961000	10.557			
15067-26-2	Acenaphthene-d10	608000	14.41			
1517-22-2	Phenanthrene-d10	1140000	17.156			
1719-03-5	Chrysene-d12	1070000	21.397			
1520-96-3	Perylene-d12	1050000	24.397			

U = Not Detected
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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_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG No.: Q1870

Instrument ID: BNA_M Calibration Date/Time: 04/29/2025 09:13

Lab File ID: BM050035.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.236		8.2	
Phenol-d6	1.436	1.548		7.8	
Nitrobenzene-d5	0.406	0.443		9.1	
2,4-Dimethylphenol	0.297	0.320		7.7	
2-Fluorobiphenyl	1.691	1.844		9.0	
2,4,6-Tribromophenol	0.296	0.317		7.1	
Terphenyl-d14	1.352	1.558		15.2	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050038.D
Acq On : 29 Apr 2025 11:39
Operator : RC/JU
Sample : Q1870-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
38073-100124

Quant Time: Apr 29 12:23:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

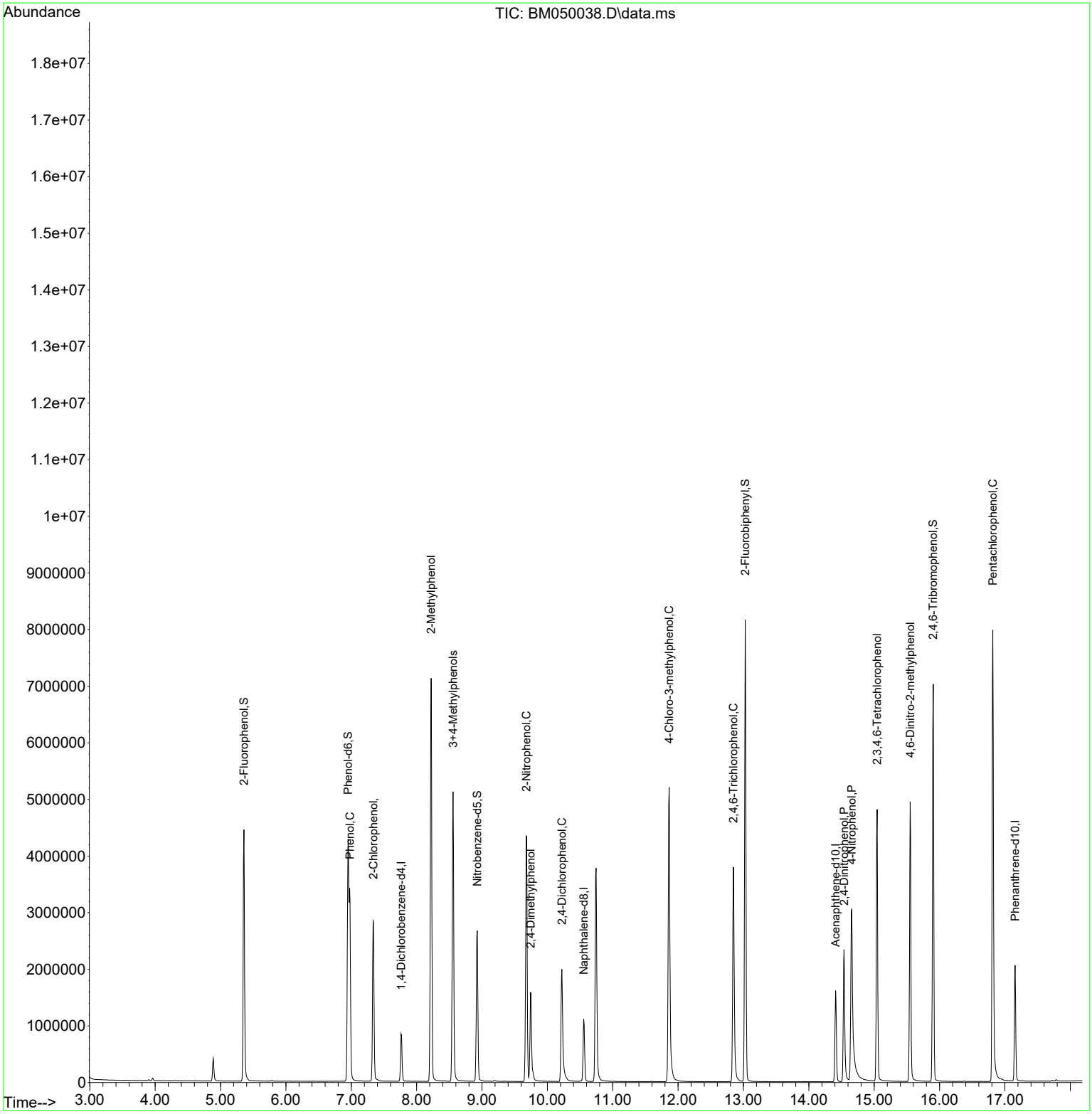
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	245413	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	914618	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	618114	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1211511	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1057120	20.000	ng	0.00
86) Perylene-d12	24.403	264	1117523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2025635	144.533	ng	0.00
7) Phenol-d6	6.951	99	2630309	149.322	ng	0.00
23) Nitrobenzene-d5	8.928	82	1551763	83.604	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1407153	153.962	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4363352	83.509	ng	0.00
79) Terphenyl-d14	19.780	244	7391887	103.471	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.340	128	1351687	89.201	ng	100
10) Phenol	6.981	94	1764956	98.975	ng	97
17) 2-Methylphenol	8.222	107	2184055	185.916	ng	98
20) 3+4-Methylphenols	8.557	107	1923303	121.233	ng	91
26) 2-Nitrophenol	9.681	139	1546833	188.661	ng	99
27) 2,4-Dimethylphenol	9.745	122	524727	38.592	ng	98
29) 2,4-Dichlorophenol	10.222	162	933870	61.308	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	2073107	147.310	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1151938	84.878	ng	97
54) 2,4-Dinitrophenol	14.539	184	658465	107.856	ng	99
56) 4-Nitrophenol	14.657	139	1345989	179.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1063736	83.970	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	1381151	182.123	ng	97
70) Pentachlorophenol	16.815	266	1687241	177.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050038.D
Acq On : 29 Apr 2025 11:39
Operator : RC/JU
Sample : Q1870-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
38073-100124

Quant Time: Apr 29 12:23:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



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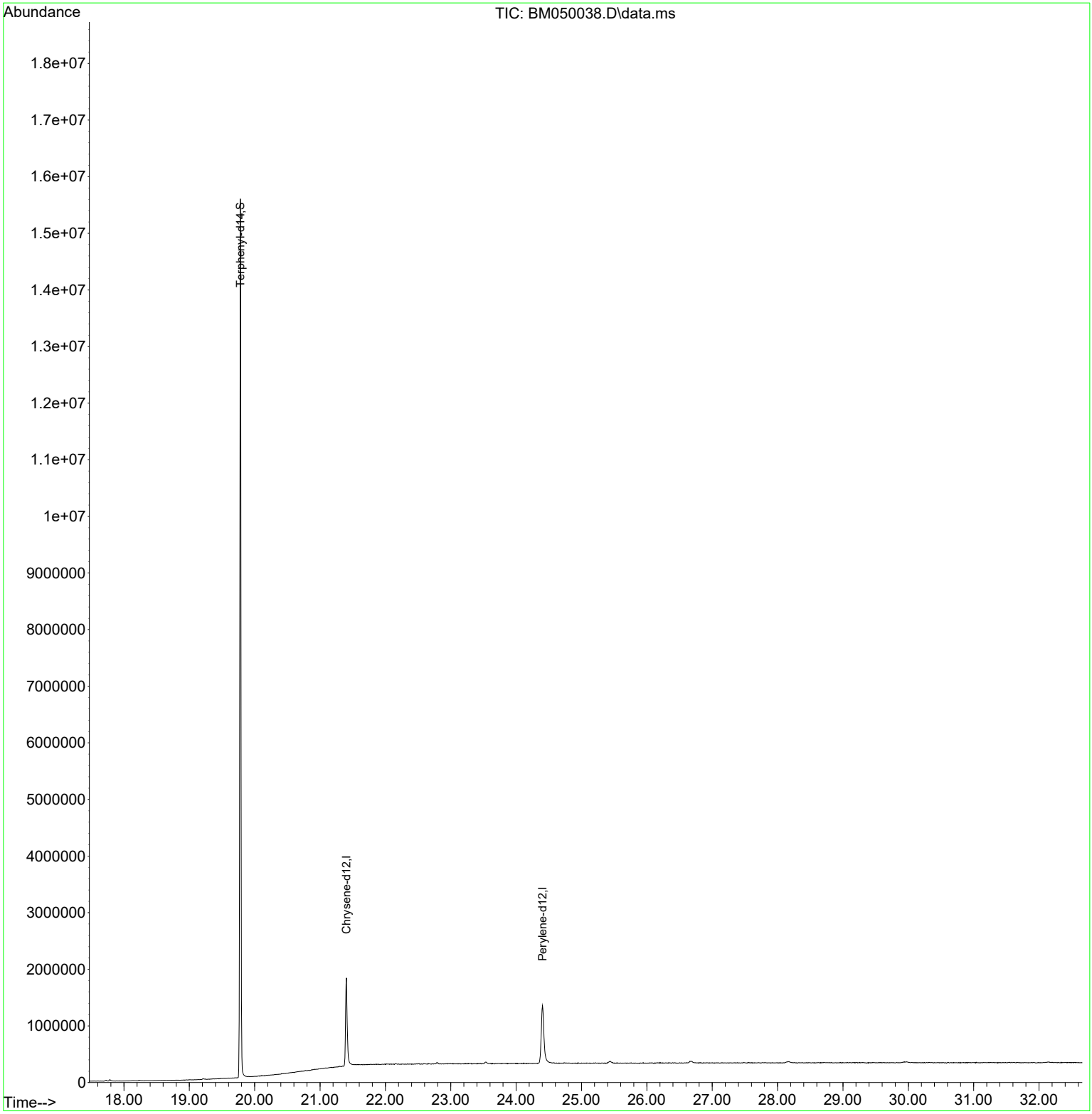
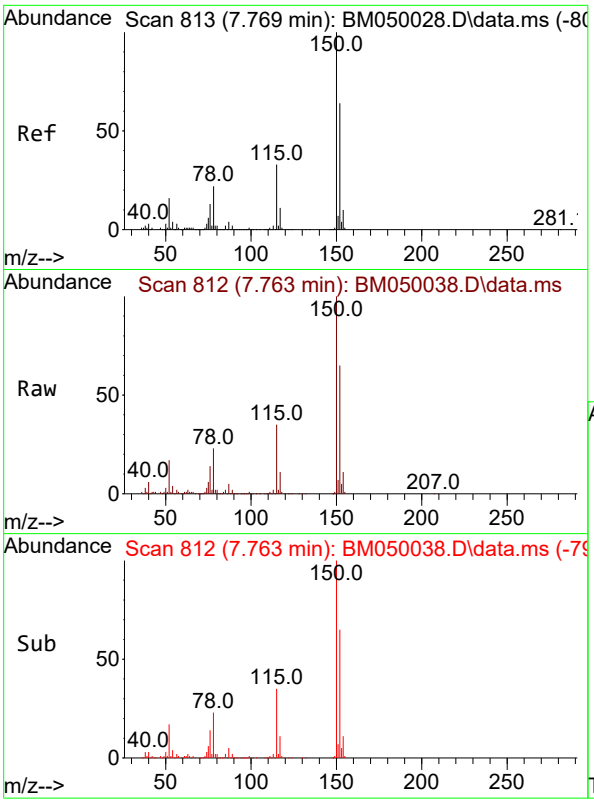
Data File : BM050038.D
Acq On : 29 Apr 2025 11:39
Operator : RC/JU
Sample : Q1870-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
38073-100124

Quant Time: Apr 29 12:23:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



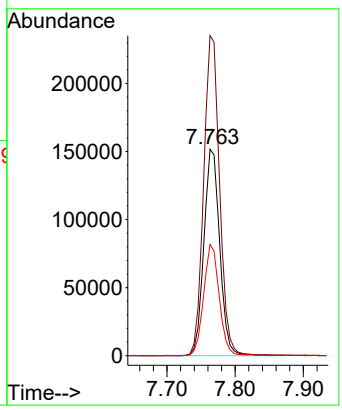


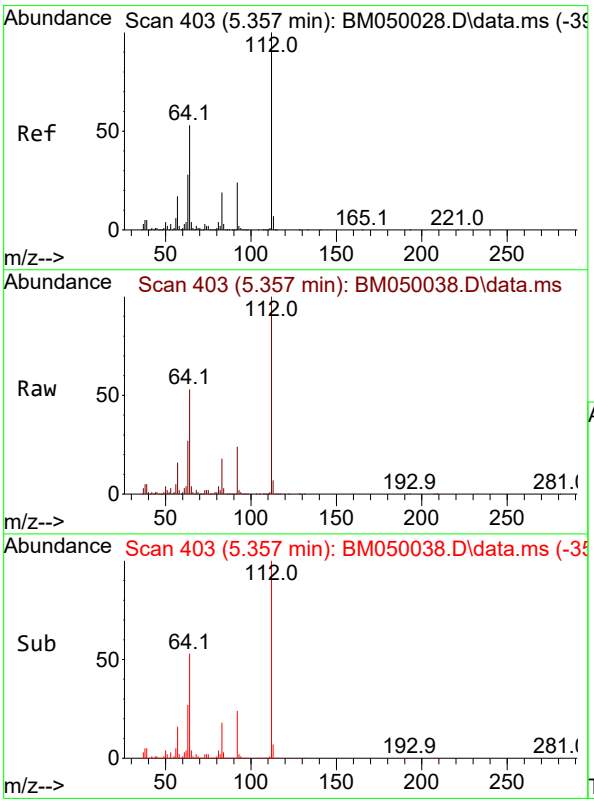
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:152 Resp: 245413

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.1	186.1
115	53.9	41.2	61.8

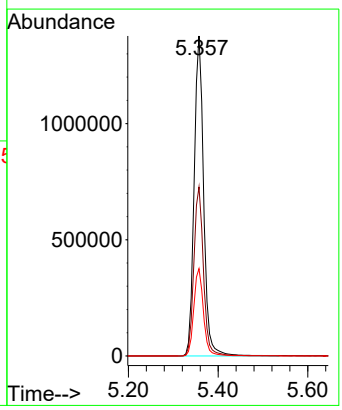




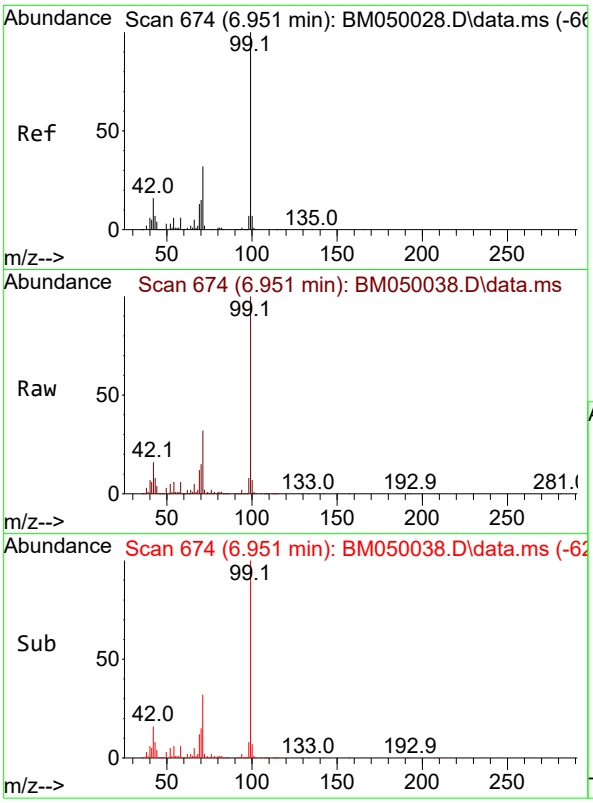
#5
2-Fluorophenol
Concen: 144.533 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:112 Resp: 2025635

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	64.0
63	27.3	22.2	33.4



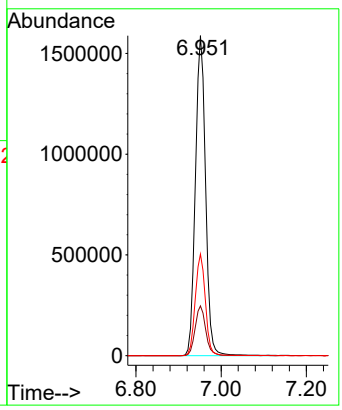
Instrument :
BNA_M
ClientSampleId :
38073-100124

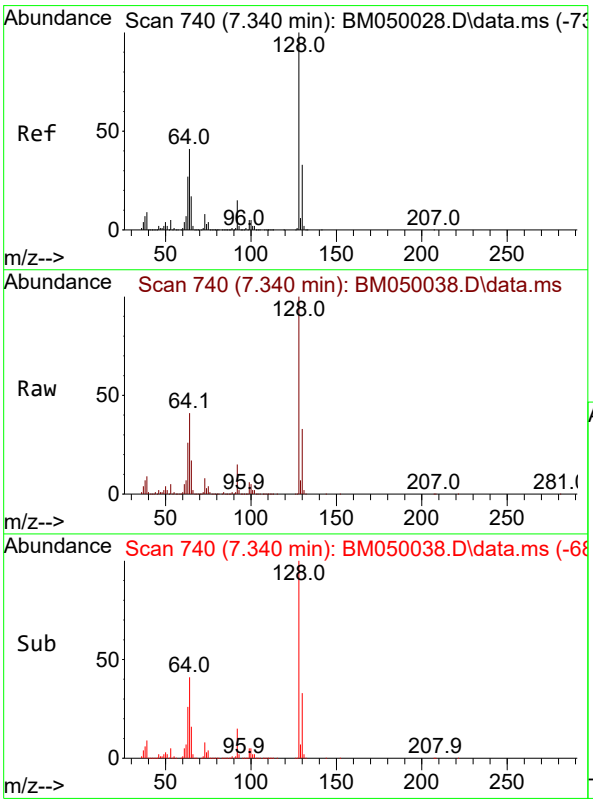


#7
Phenol-d6
Concen: 149.322 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion: 99 Resp: 2630309

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	31.8	25.6	38.4

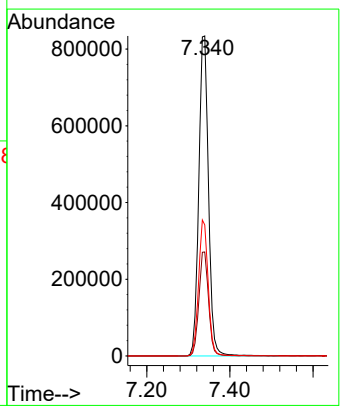




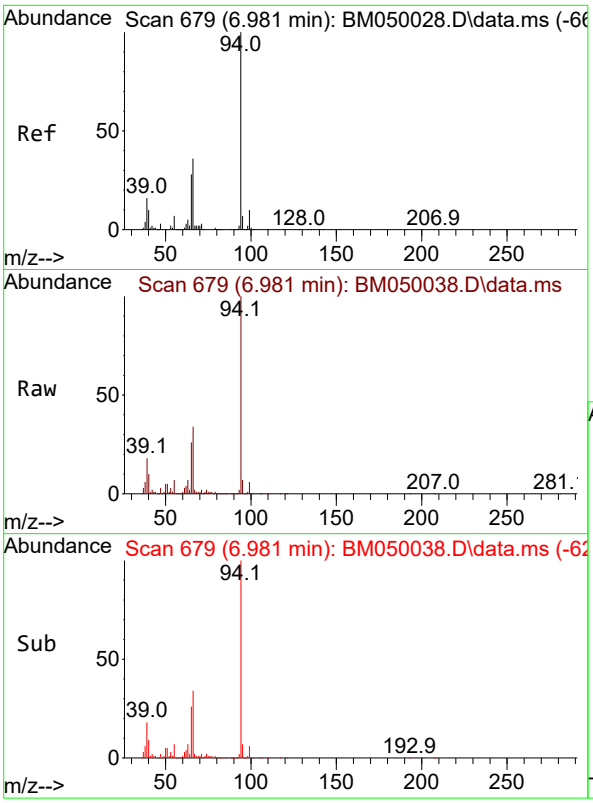
#8
2-Chlorophenol
Concen: 89.201 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:128 Resp: 1351687

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	40.9	21.2	61.2



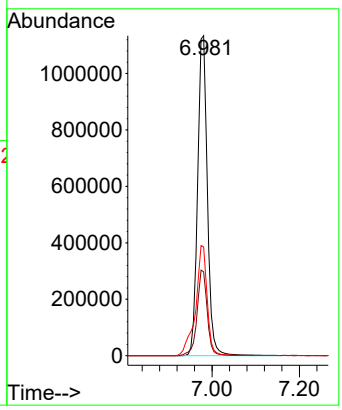
Instrument :
BNA_M
ClientSampleId :
38073-100124

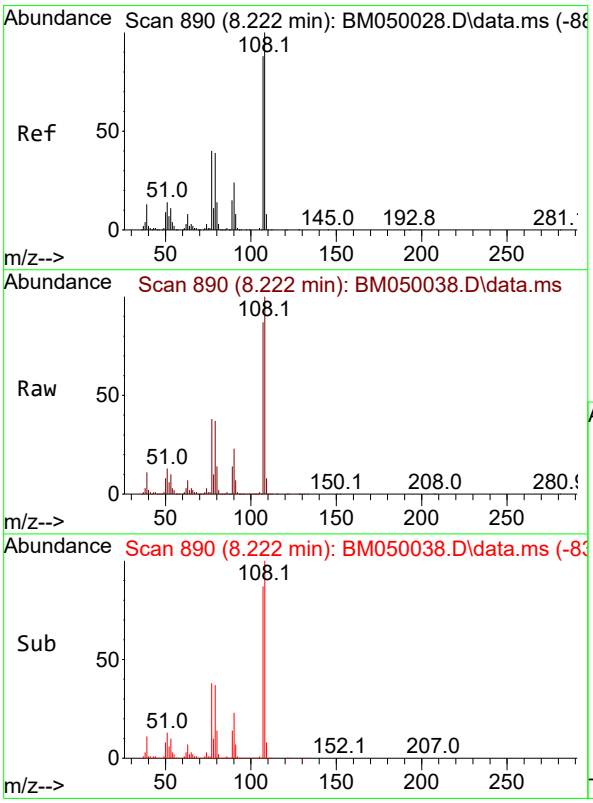


#10
Phenol
Concen: 98.975 ng
RT: 6.981 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion: 94 Resp: 1764956

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.6	47.6
66	34.0	15.8	55.8

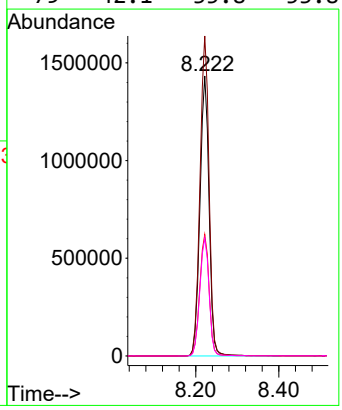


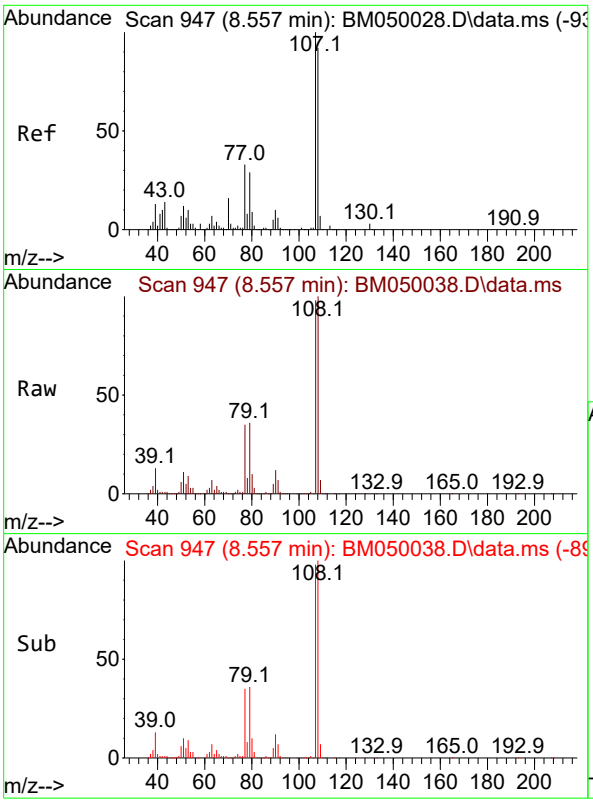


#17
2-Methylphenol
Concen: 185.916 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:107 Resp: 2184055

Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.1	136.7
77	43.4	36.2	54.4
79	42.1	35.8	53.8



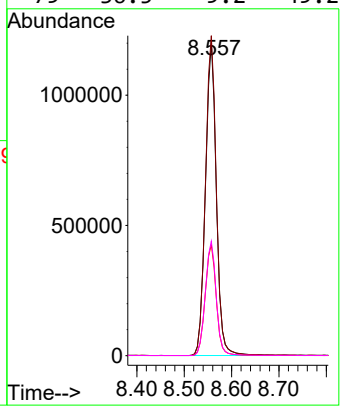


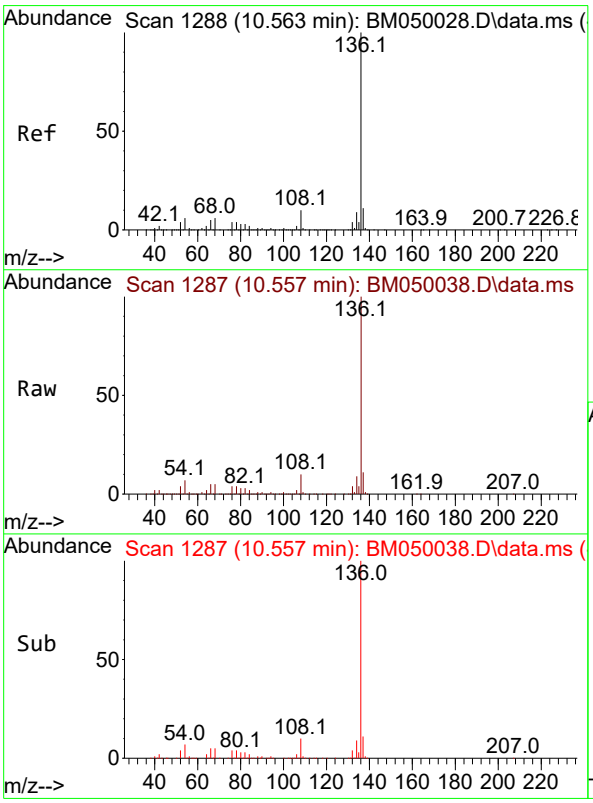
#20
3+4-Methylphenols
Concen: 121.233 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:107 Resp: 1923303

Ion	Ratio	Lower	Upper
107	100		
108	102.1	72.4	112.4
77	35.4	13.6	53.6
79	36.5	9.2	49.2

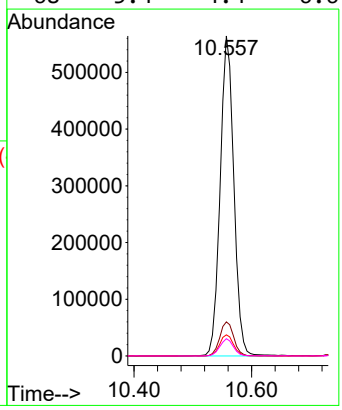


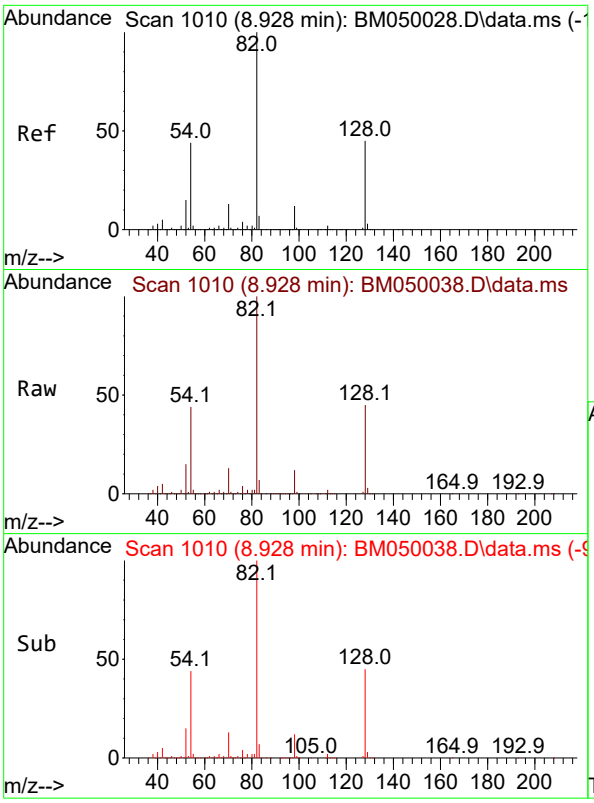


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:136 Resp: 914618

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.6	5.1	7.7
68	5.4	4.4	6.6



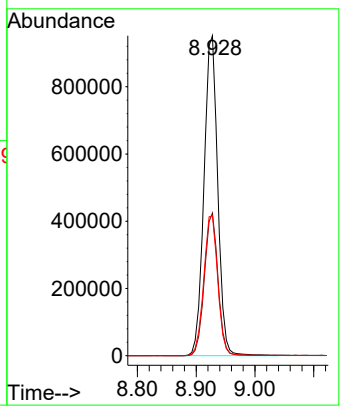


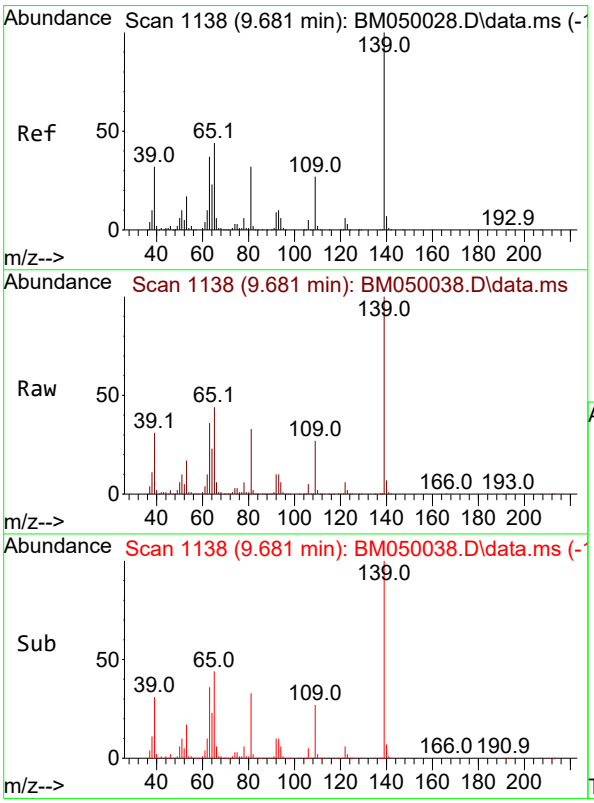
#23
Nitrobenzene-d5
Concen: 83.604 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion: 82 Resp: 1551763

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	43.7	35.4	53.2

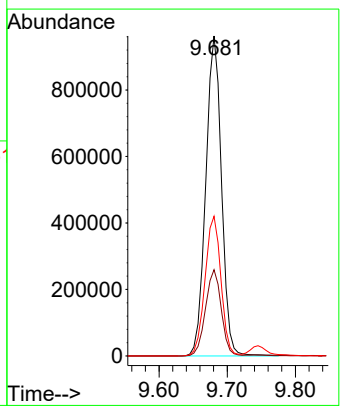


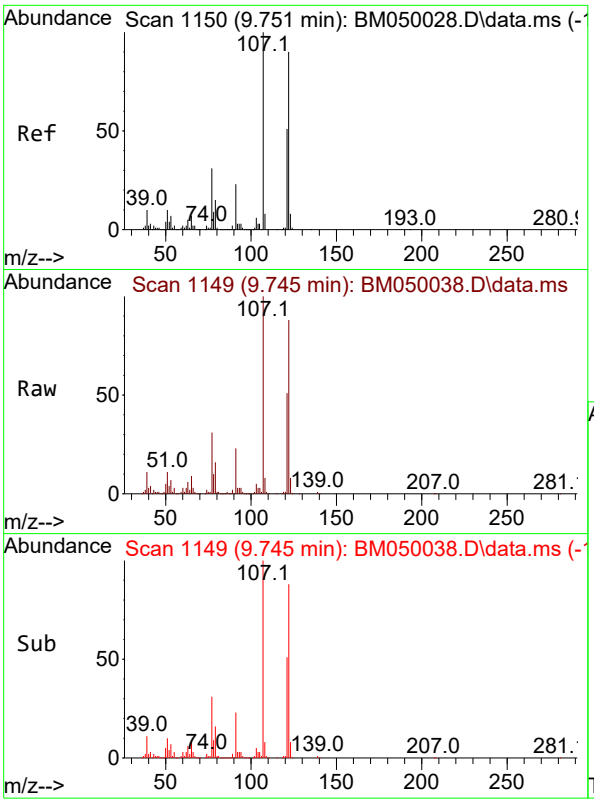


#26
2-Nitrophenol
Concen: 188.661 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:139 Resp: 1546833

Ion	Ratio	Lower	Upper
139	100		
109	27.0	21.9	32.9
65	43.7	35.4	53.2



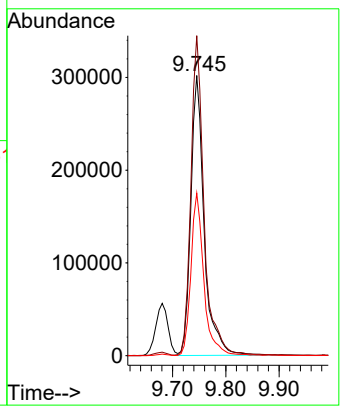


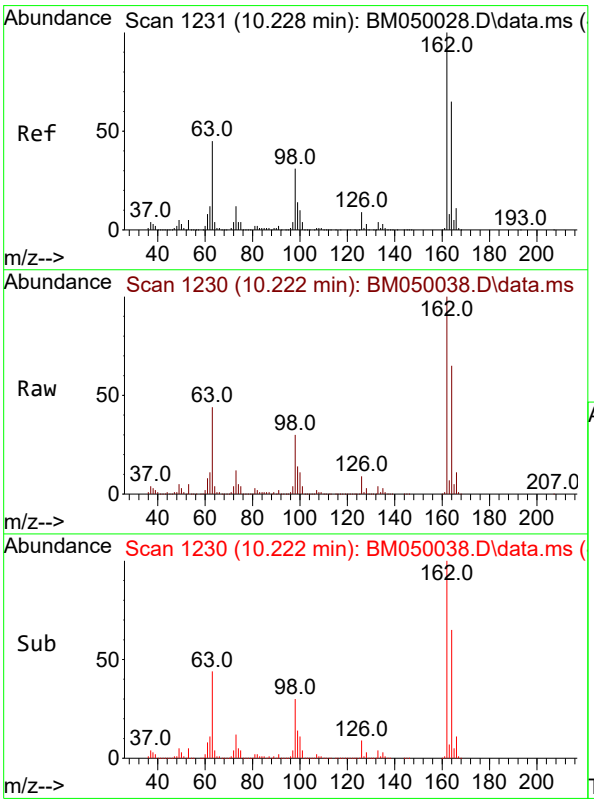
#27
2,4-Dimethylphenol
Concen: 38.592 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:122 Resp: 524727

Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.0	133.6
121	58.0	45.6	68.4

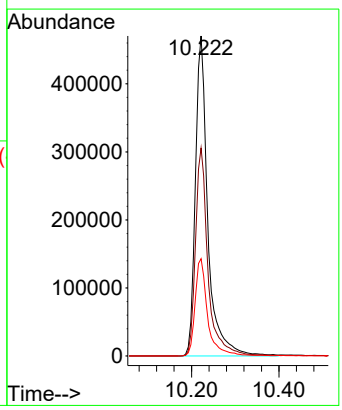


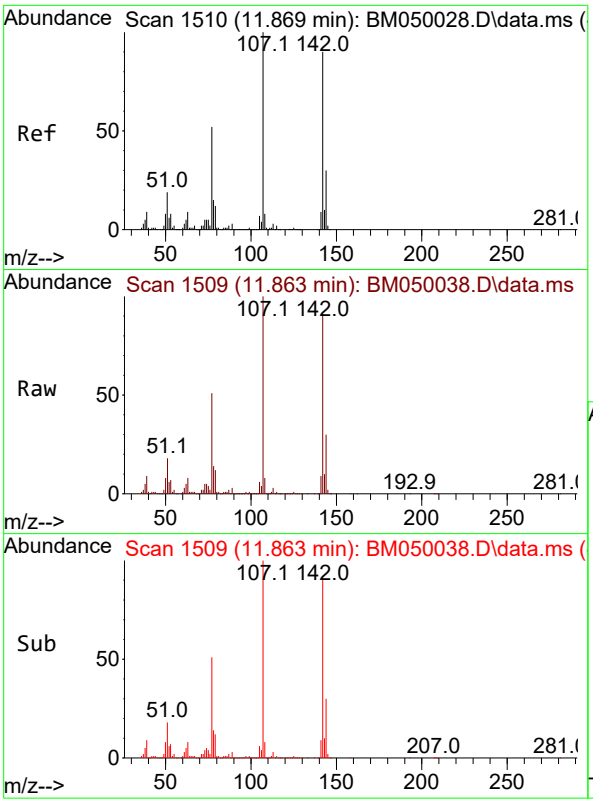


#29
2,4-Dichlorophenol
Concen: 61.308 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:162 Resp: 933870

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.4	85.4
98	30.4	11.3	51.3



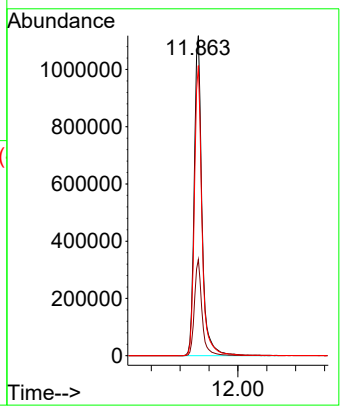


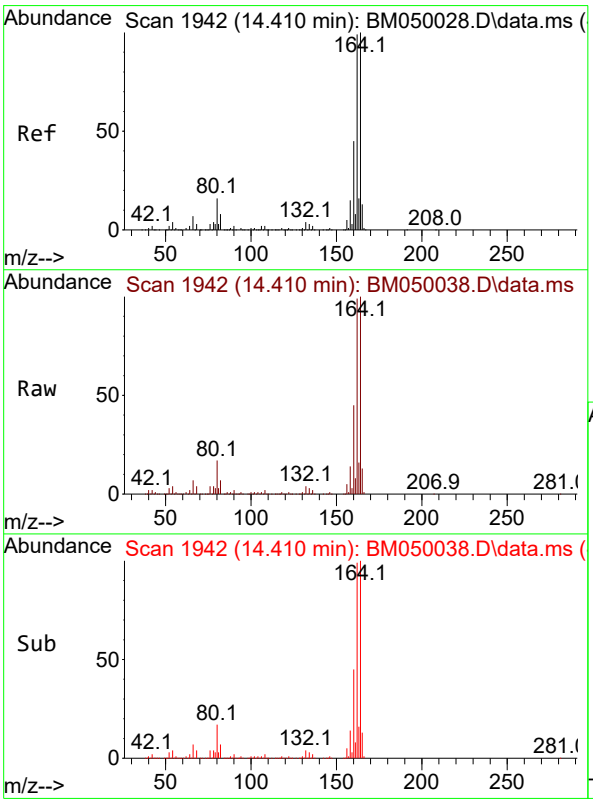
#36
4-Chloro-3-methylphenol
Concen: 147.310 ng
RT: 11.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:107 Resp: 2073107

Ion	Ratio	Lower	Upper
107	100		
144	30.1	23.8	35.6
142	90.7	71.9	107.9

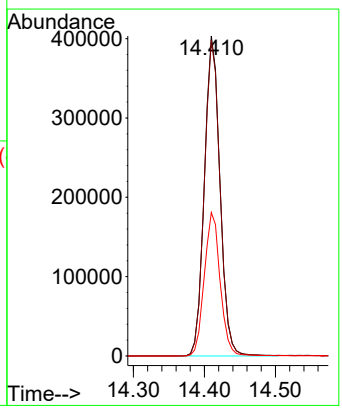


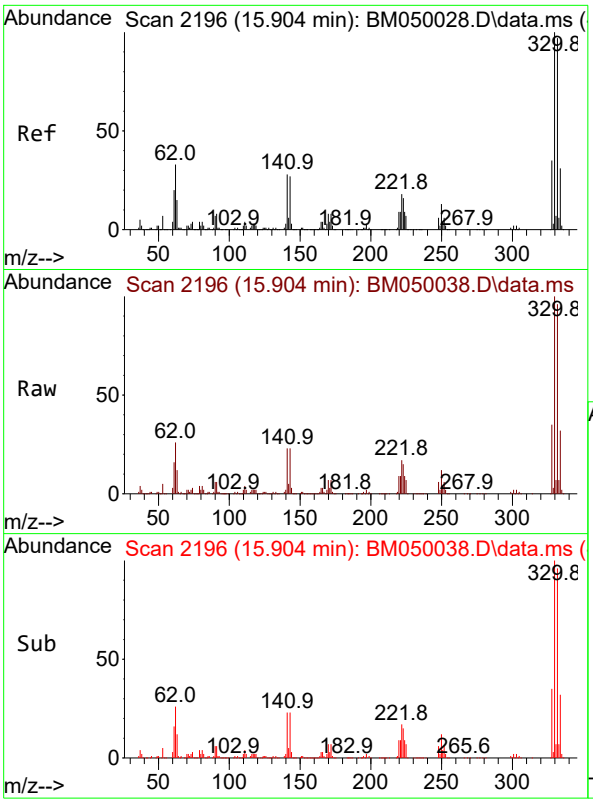


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:164 Resp: 618114

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.4	119.0
160	44.8	36.2	54.4



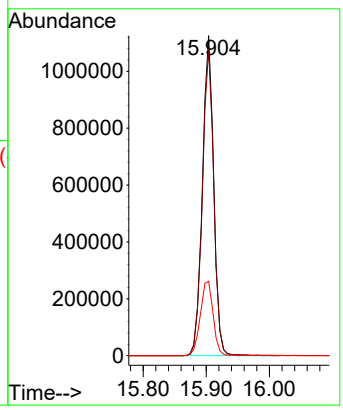


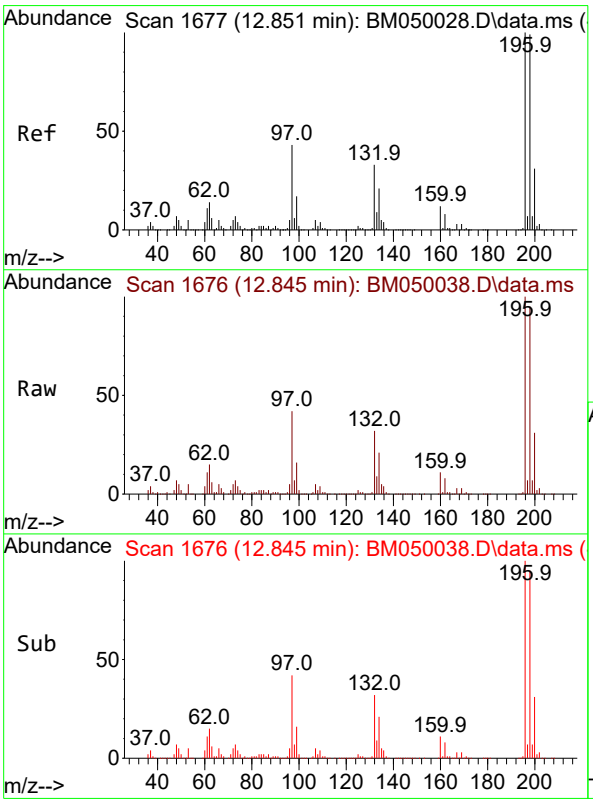
#42
2,4,6-Tribromophenol
Concen: 153.962 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:330 Resp: 1407153

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	26.3	22.5	33.7

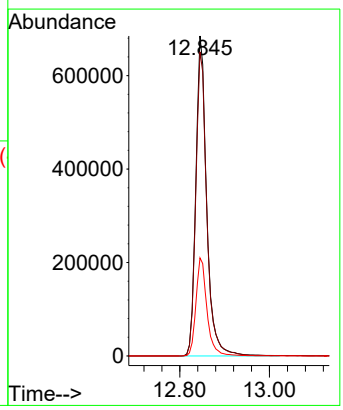


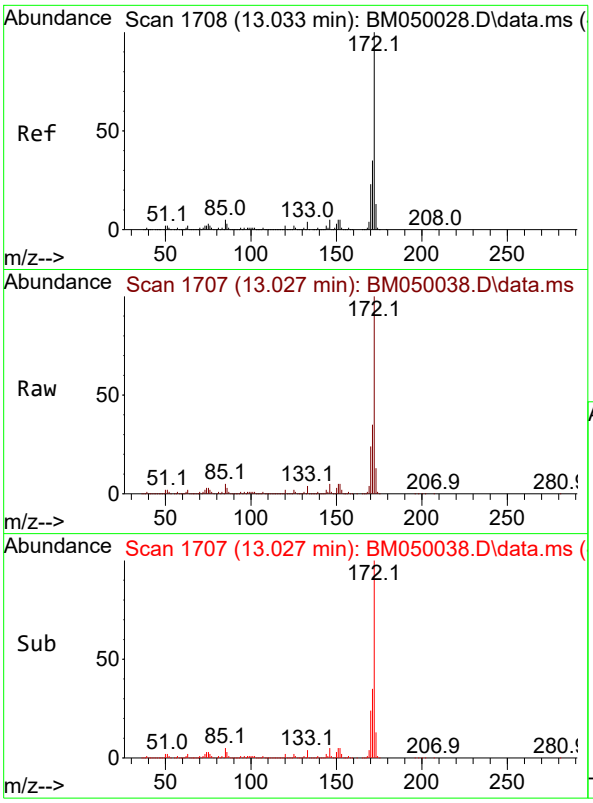


#43
2,4,6-Trichlorophenol
Concen: 84.878 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:196 Resp: 1151938

Ion	Ratio	Lower	Upper
196	100		
198	95.1	79.0	118.6
200	30.6	25.1	37.7



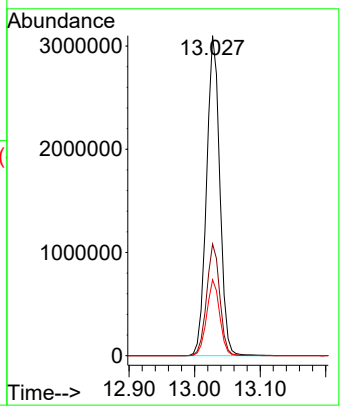


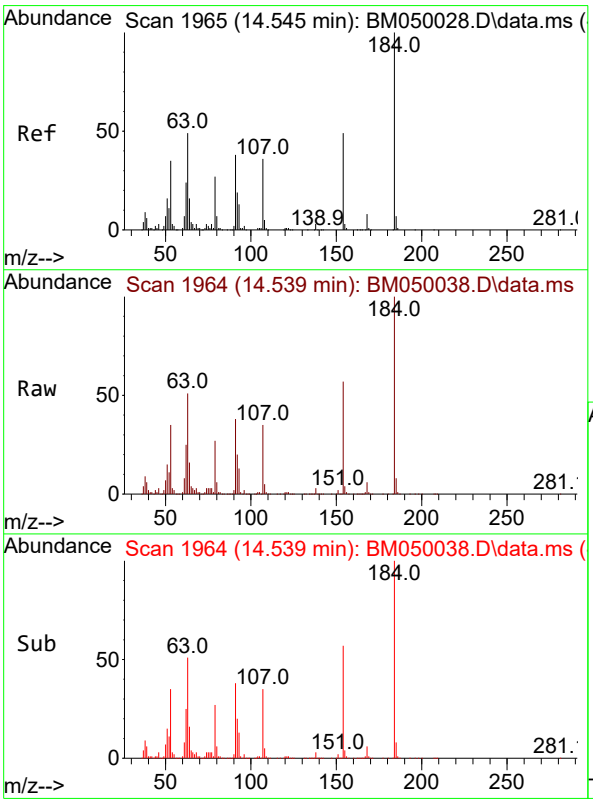
#45
2-Fluorobiphenyl
Concen: 83.509 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:172 Resp: 4363352

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.7	18.6	28.0

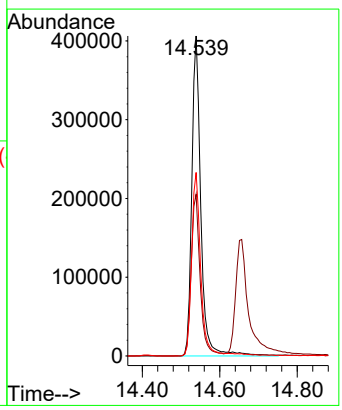


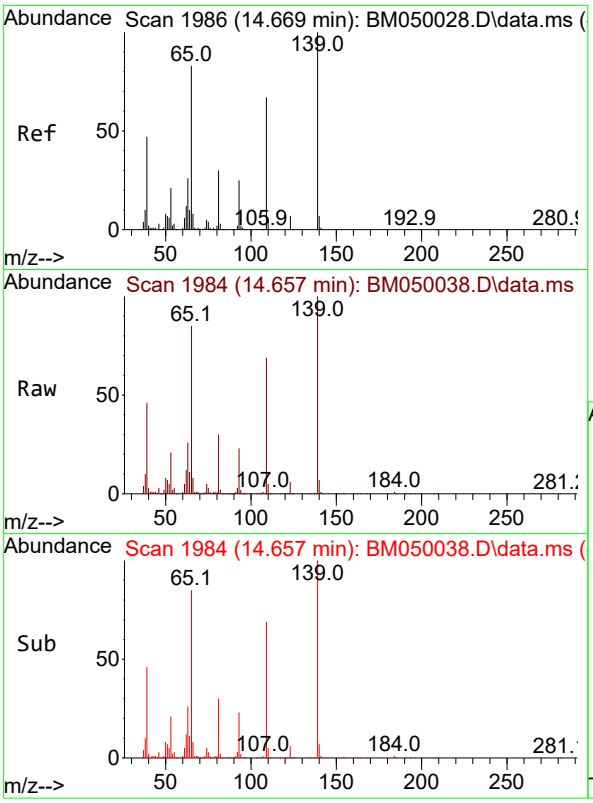


#54
2,4-Dinitrophenol
Concen: 107.856 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:184 Resp: 658465

Ion	Ratio	Lower	Upper
184	100		
63	50.5	39.8	59.6
154	57.4	46.1	69.1



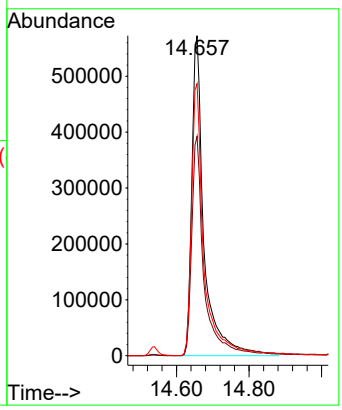


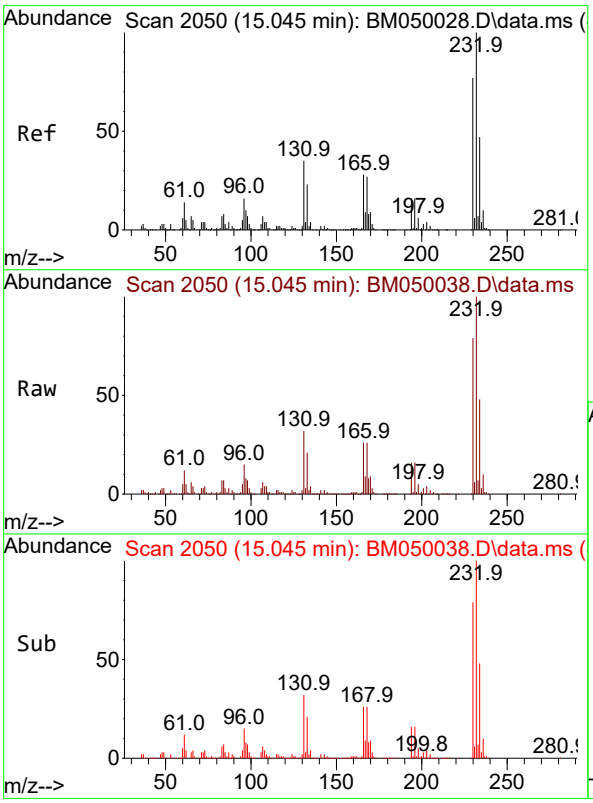
#56
4-Nitrophenol
Concen: 179.320 ng
RT: 14.657 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:139 Resp: 1345989

Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.0	87.0
65	85.0	64.3	104.3

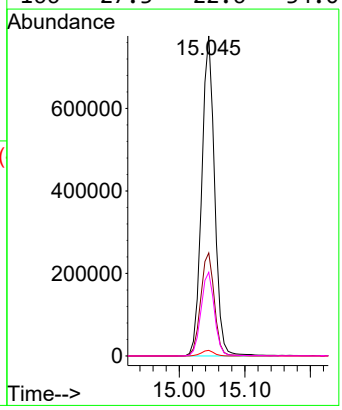


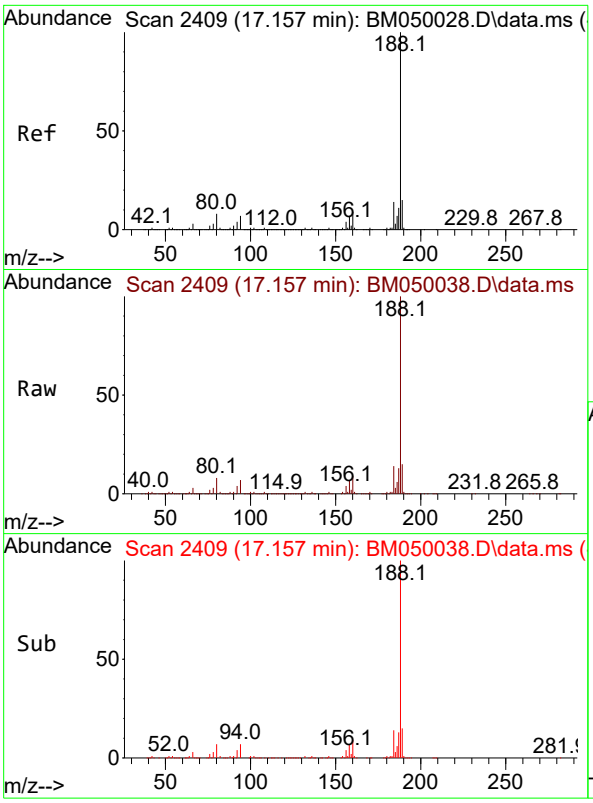


#59
2,3,4,6-Tetrachlorophenol
Concen: 83.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:232 Resp: 1063736

Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.2	42.4
130	1.7	1.5	2.3
166	27.3	22.6	34.0



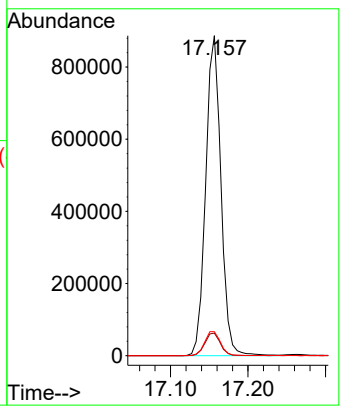


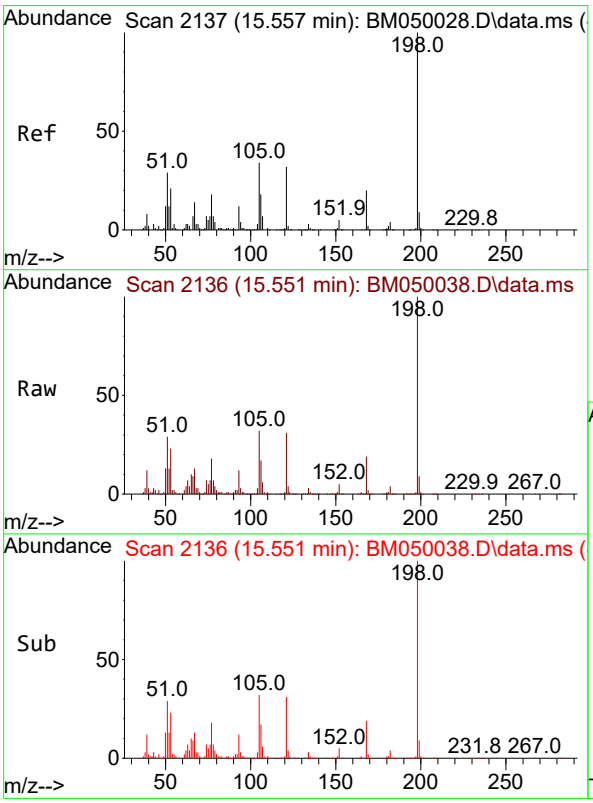
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:188 Resp: 1211511

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.5	6.2	9.4

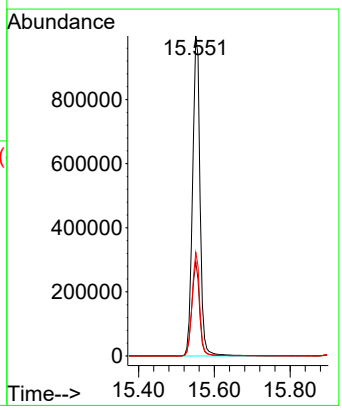


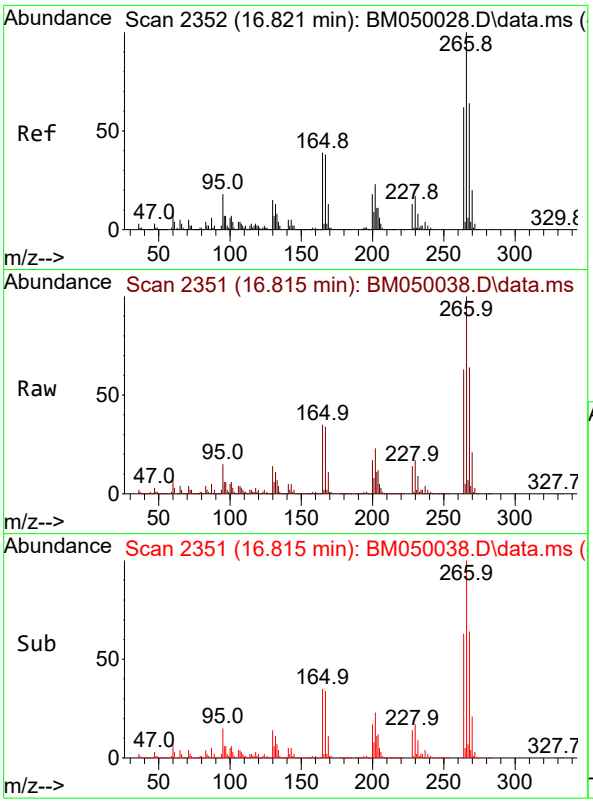


#65
4,6-Dinitro-2-methylphenol
Concen: 182.123 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:198 Resp: 1381151

Ion	Ratio	Lower	Upper
198	100		
51	29.4	10.4	50.4
105	32.4	14.6	54.6



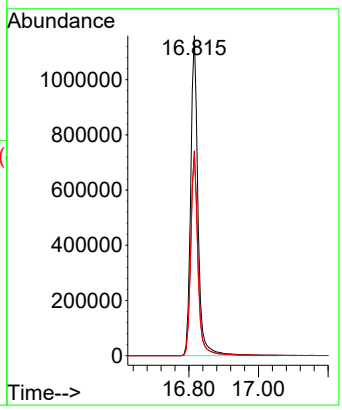


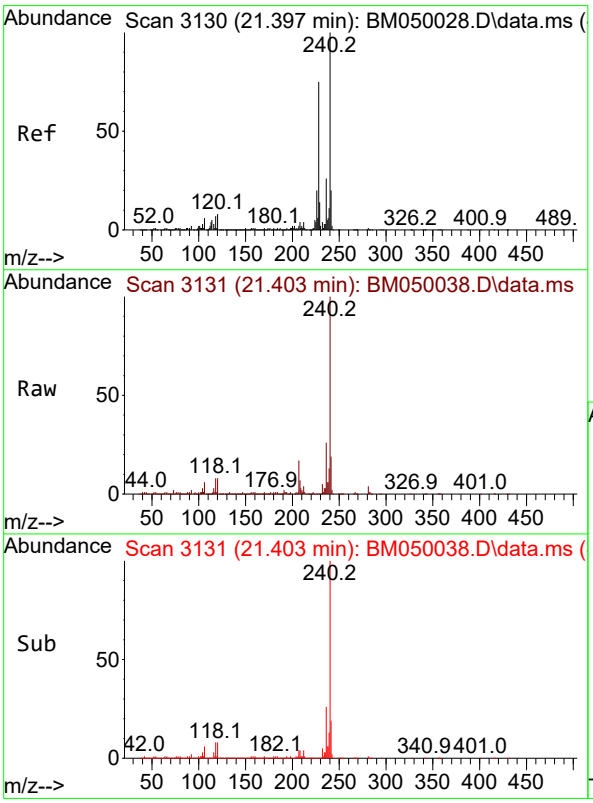
#70
Pentachlorophenol
Concen: 177.494 ng
RT: 16.815 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:266 Resp: 1687241

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	63.1	49.6	74.4

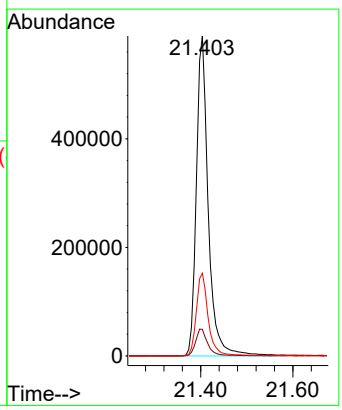


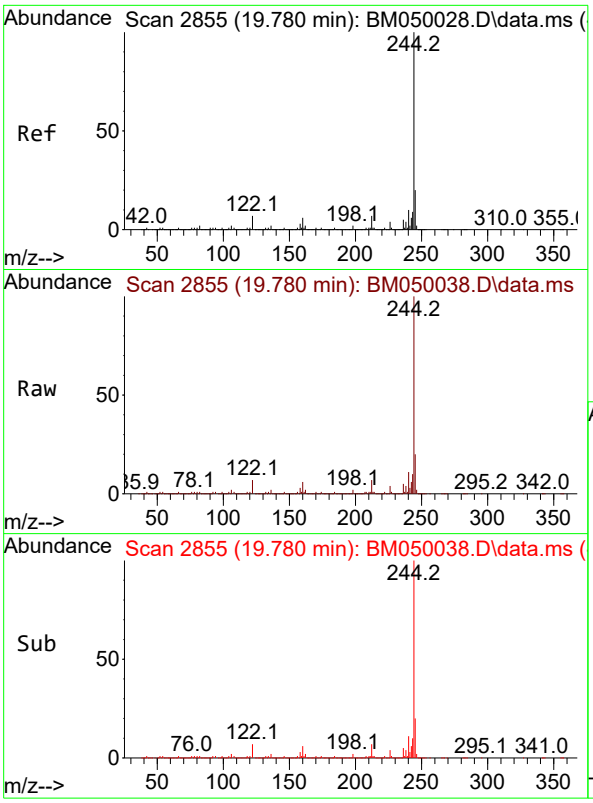


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:240 Resp: 1057120

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.8	20.9	31.3



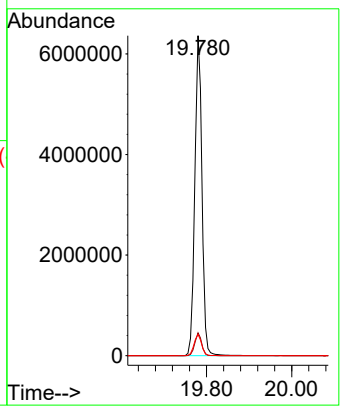


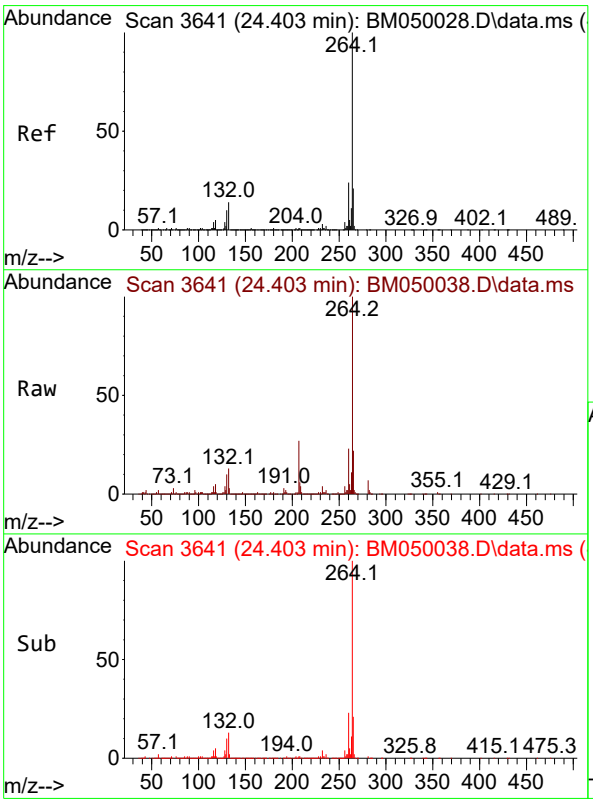
#79
Terphenyl-d14
Concen: 103.471 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:244 Resp: 7391887

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.7	5.6	8.4

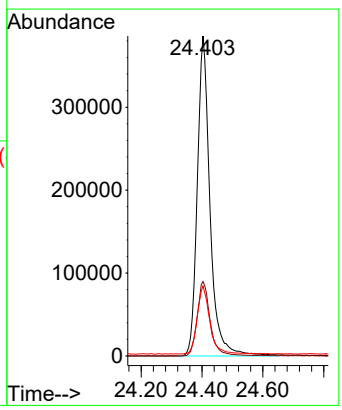




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:264 Resp: 1117523

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.9	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

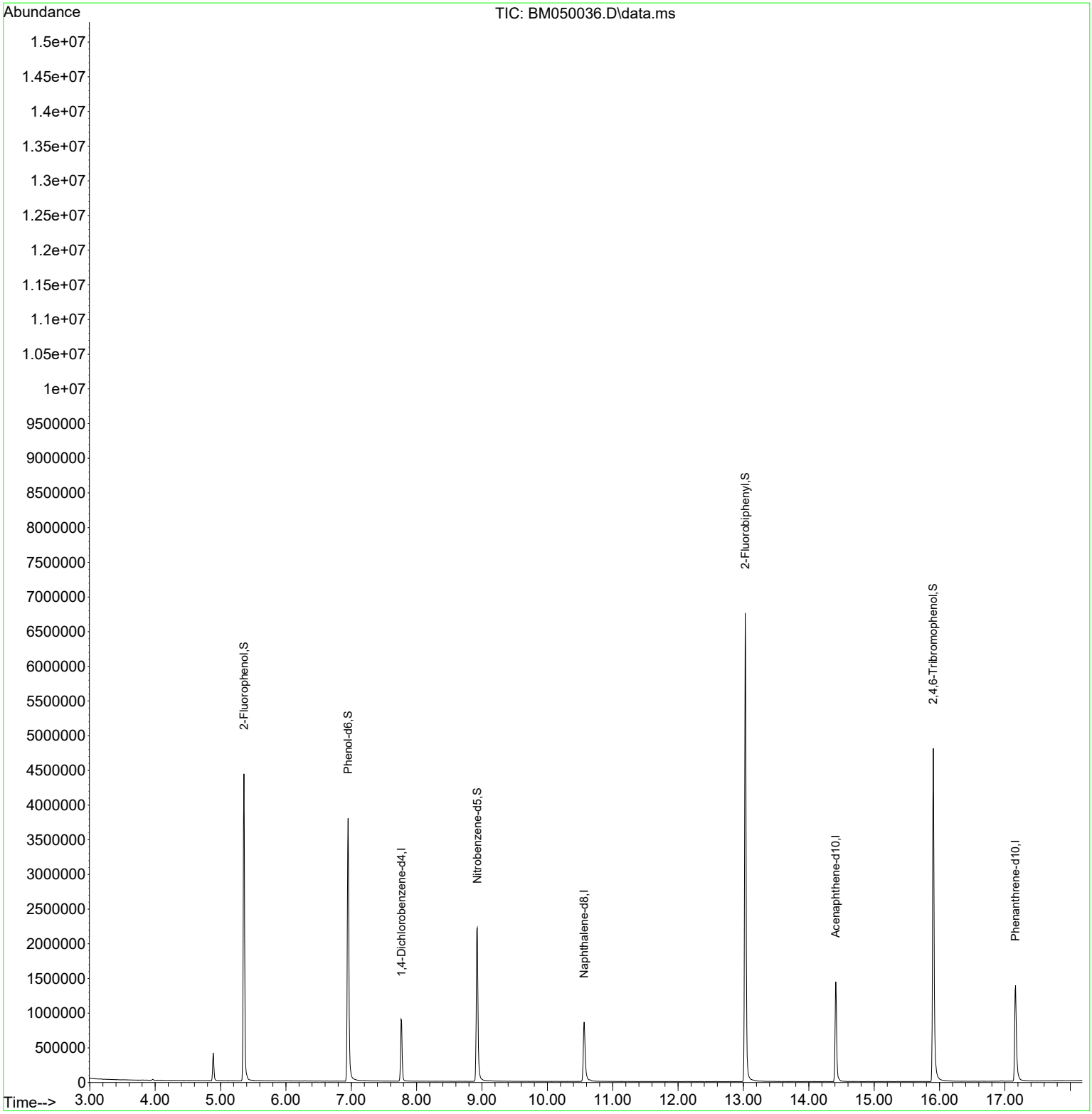
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	267473	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926574	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611197	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1171848	20.000	ng	0.00
76) Chrysene-d12	21.403	240	971539	20.000	ng	0.00
86) Perylene-d12	24.403	264	1012325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2048277	134.095	ng	0.00
7) Phenol-d6	6.951	99	2468999	128.604	ng	0.00
23) Nitrobenzene-d5	8.928	82	1461498	77.724	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1138683	125.997	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4002903	77.477	ng	0.00
79) Terphenyl-d14	19.780	244	6115548	93.145	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

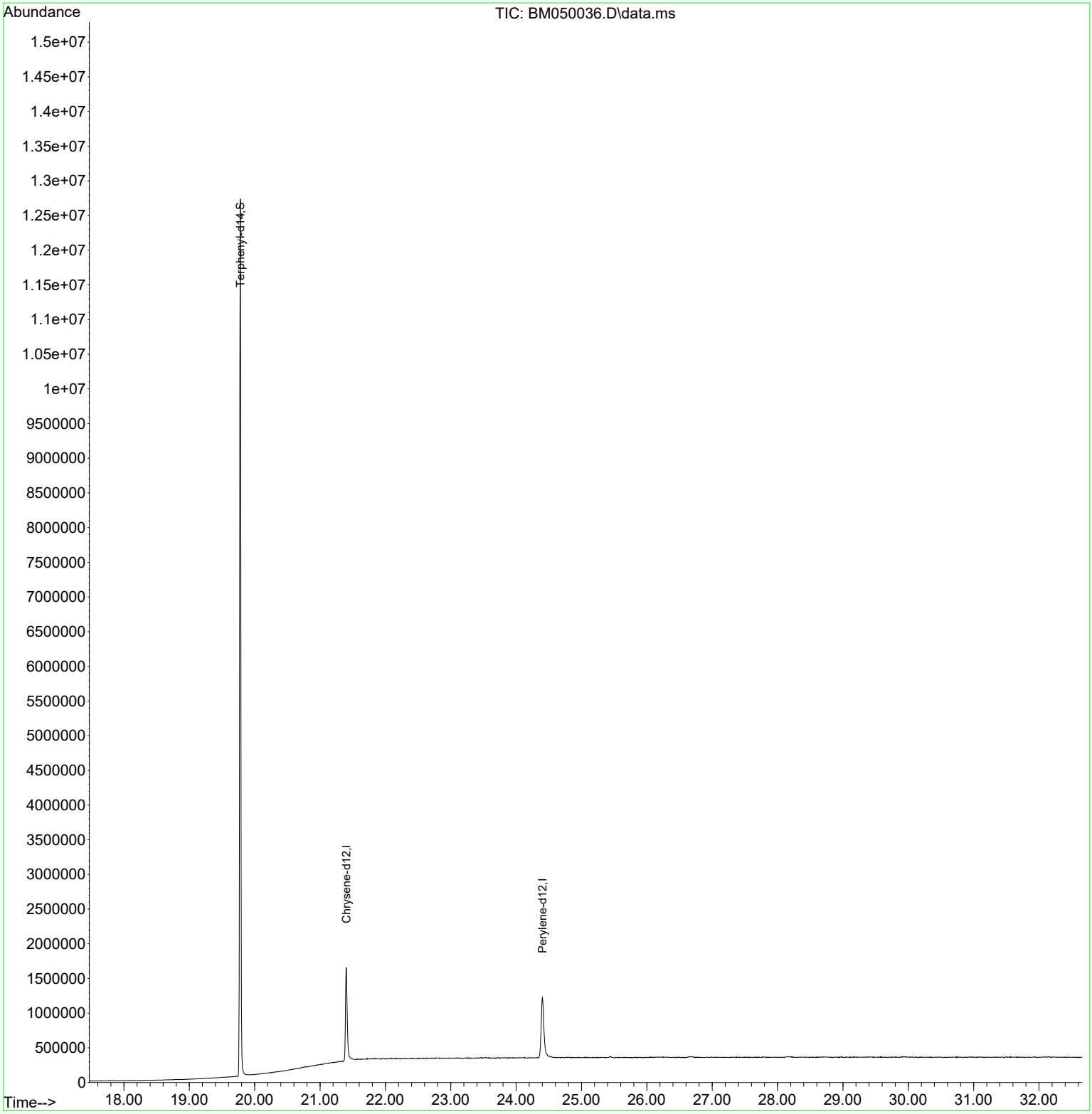
Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

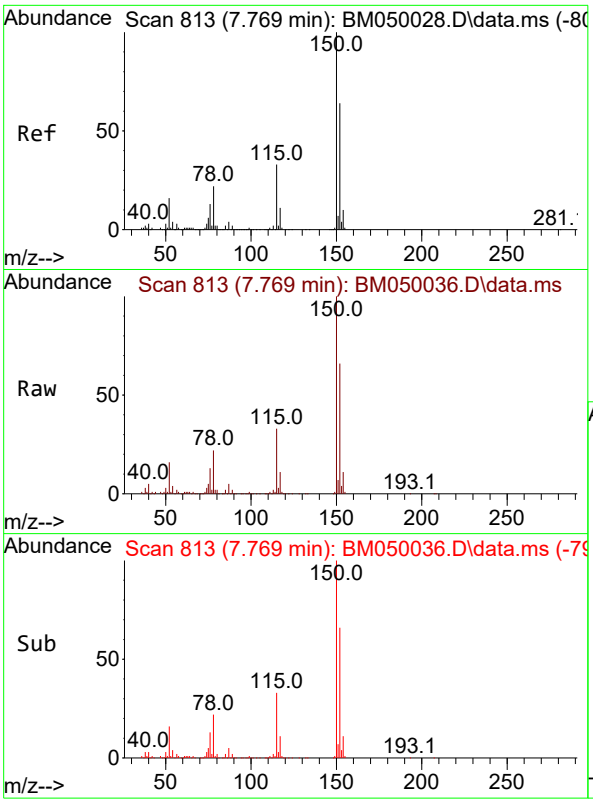


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



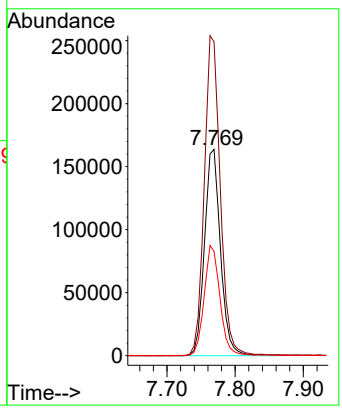


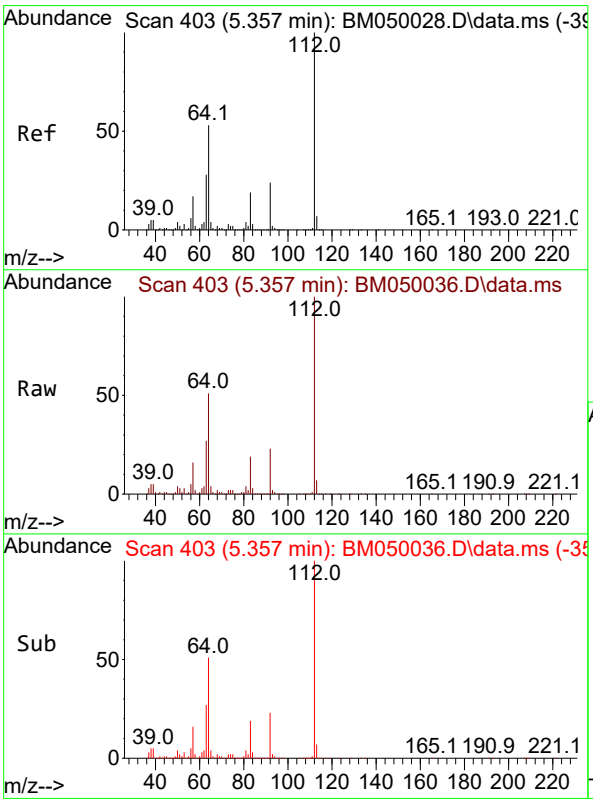
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion:152 Resp: 267473

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.1	186.1
115	50.6	41.2	61.8

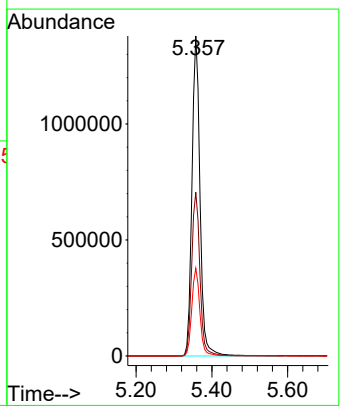




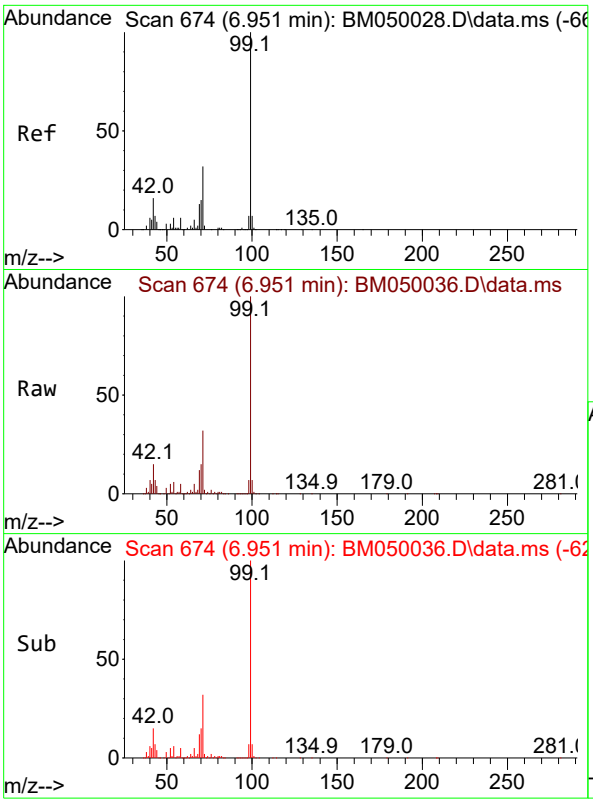
#5
2-Fluorophenol
Concen: 134.095 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:112 Resp: 2048277

Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.6	64.0
63	27.4	22.2	33.4



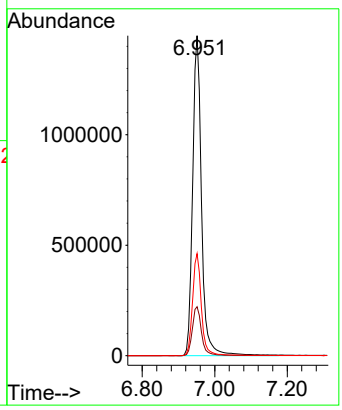
Instrument :
BNA_M
ClientSampleId :
PB167729BL

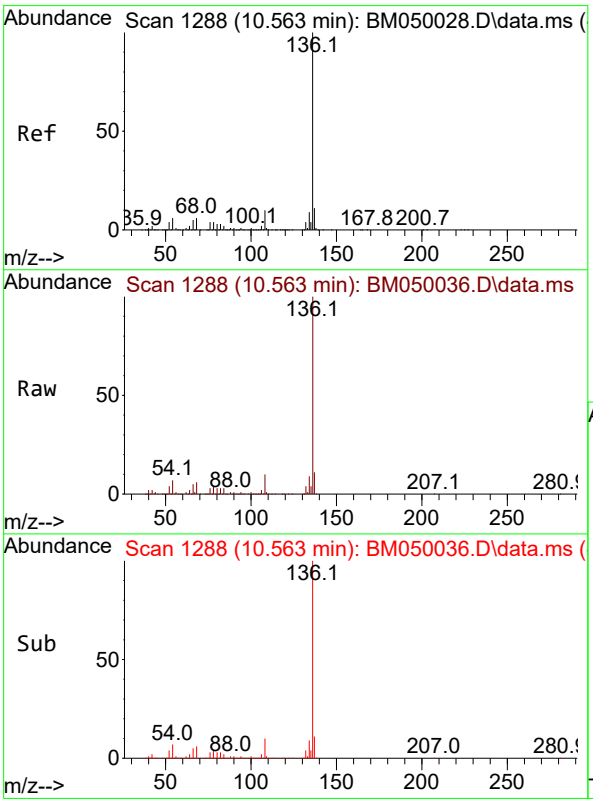


#7
Phenol-d6
Concen: 128.604 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion: 99 Resp: 2468999

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	31.9	25.6	38.4

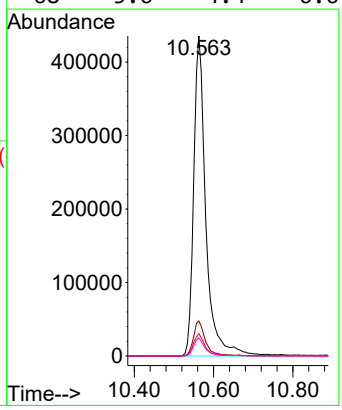


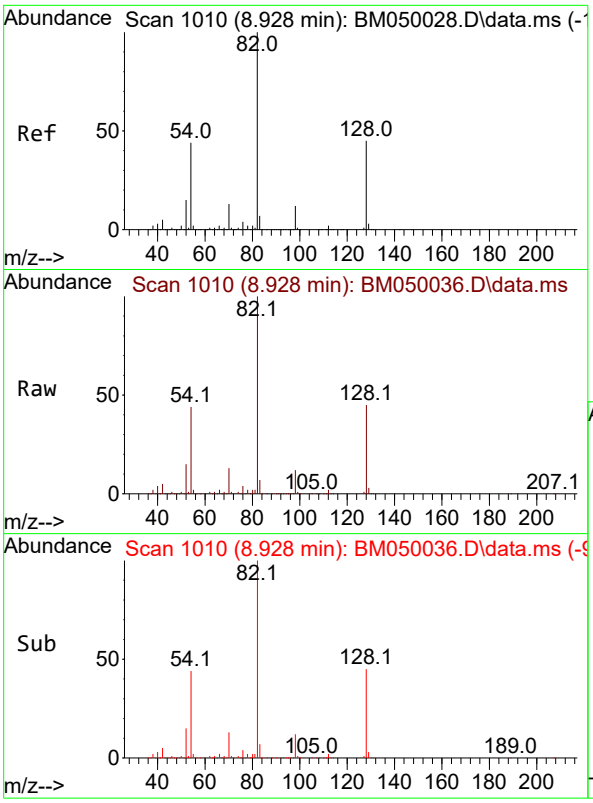


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:136 Resp: 926574

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	5.1	7.7
68	5.6	4.4	6.6



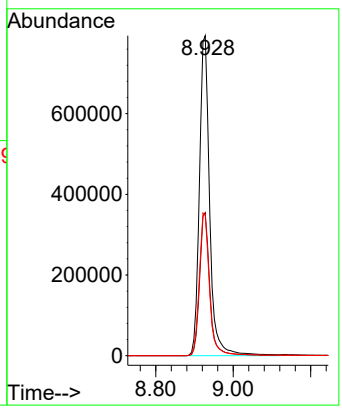


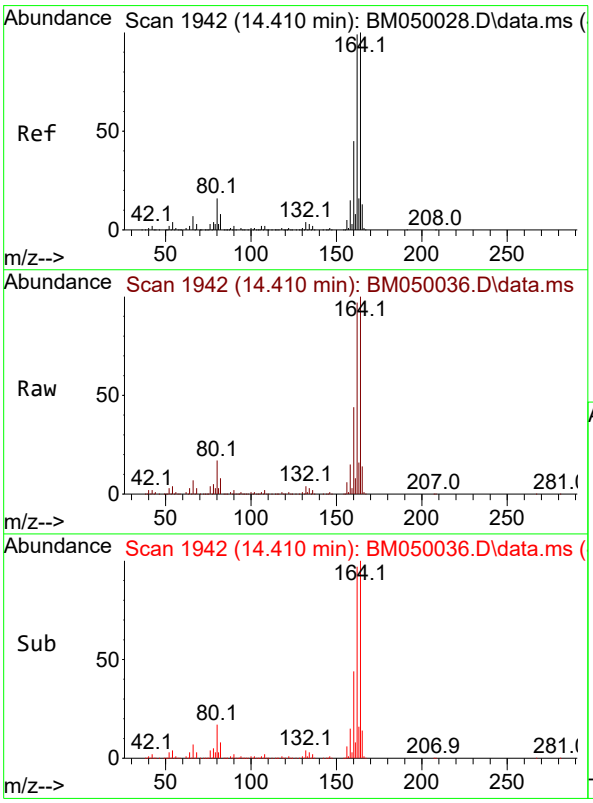
#23
Nitrobenzene-d5
Concen: 77.724 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion: 82 Resp: 1461498

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	43.9	35.4	53.2

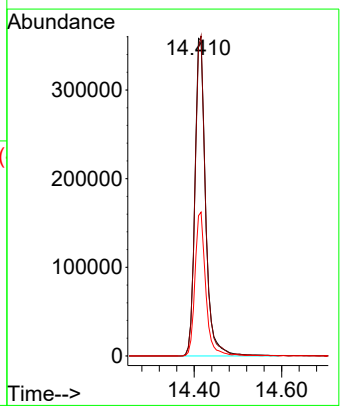


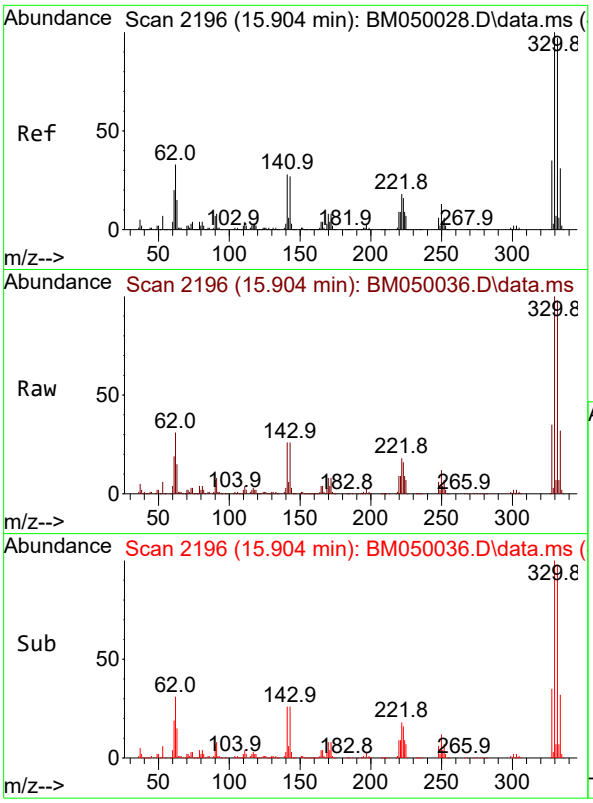


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:164 Resp: 611197

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.4	119.0
160	44.2	36.2	54.4



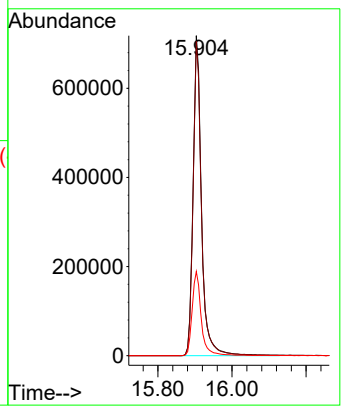


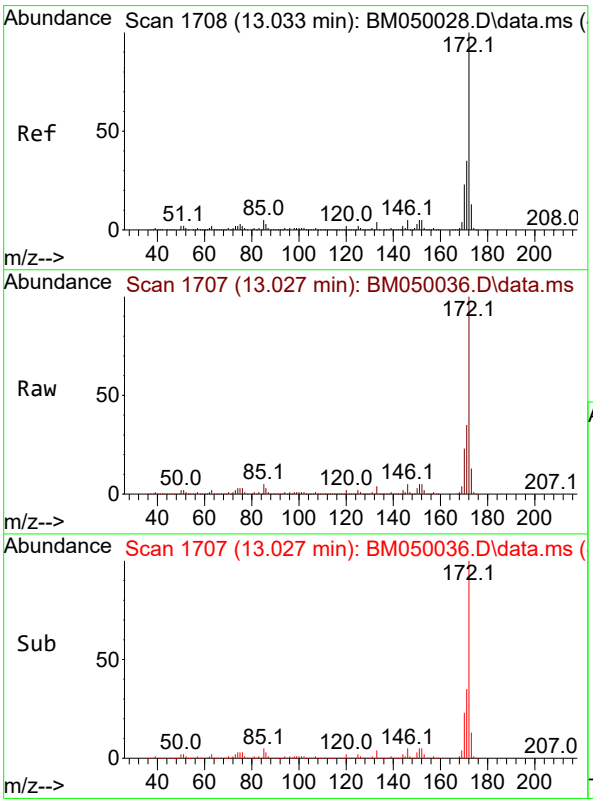
#42
2,4,6-Tribromophenol
Concen: 125.997 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion:330 Resp: 1138683

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	28.3	22.5	33.7

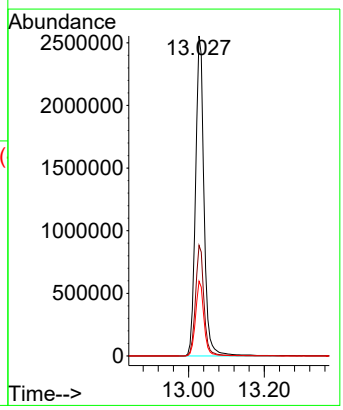


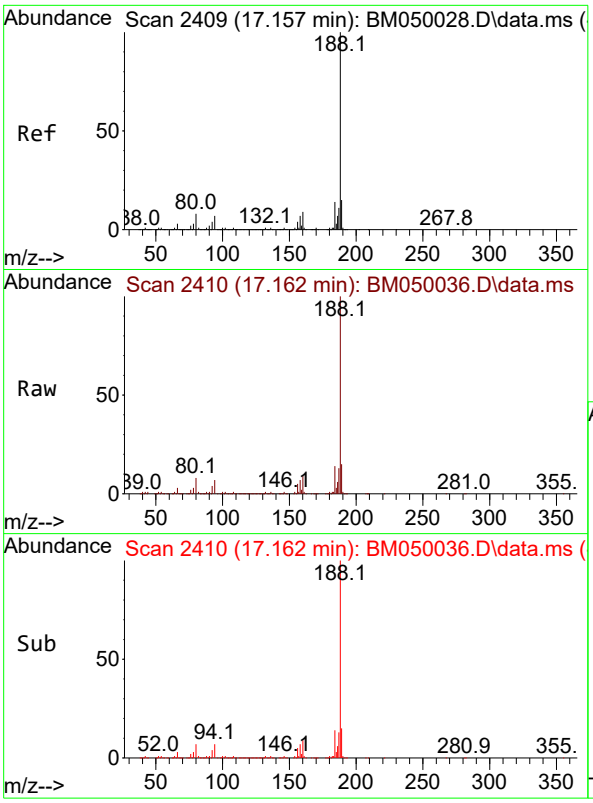


#45
2-Fluorobiphenyl
Concen: 77.477 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:172 Resp: 4002903

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.4	18.6	28.0



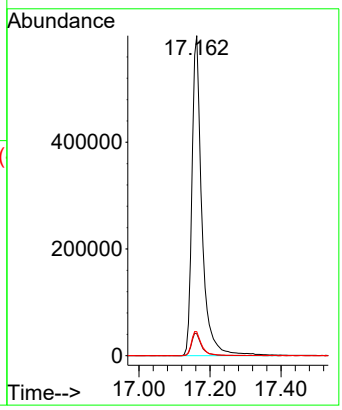


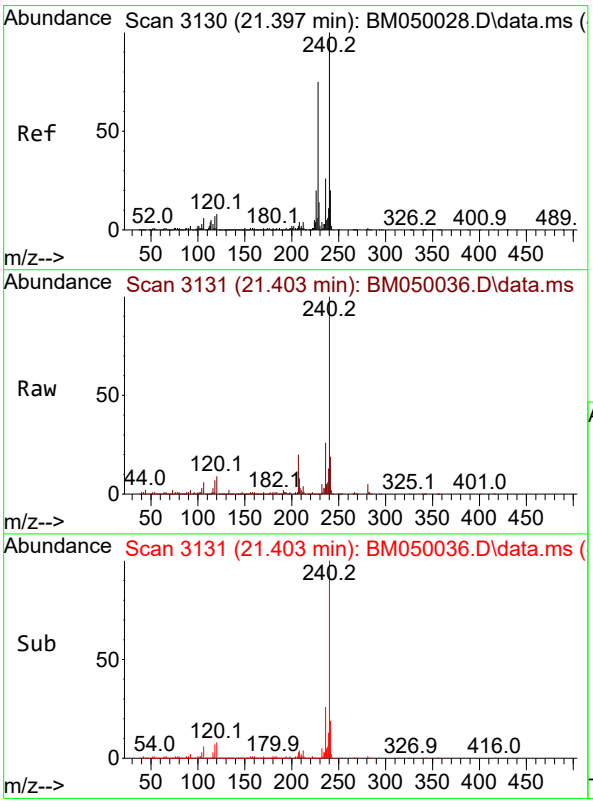
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion:188 Resp: 1171848

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	7.5	6.2	9.4

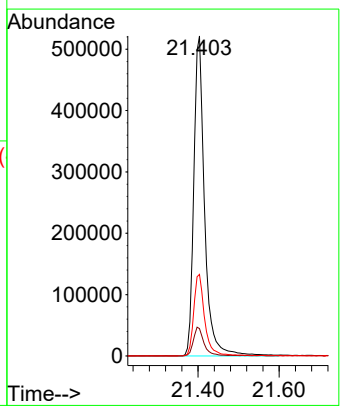


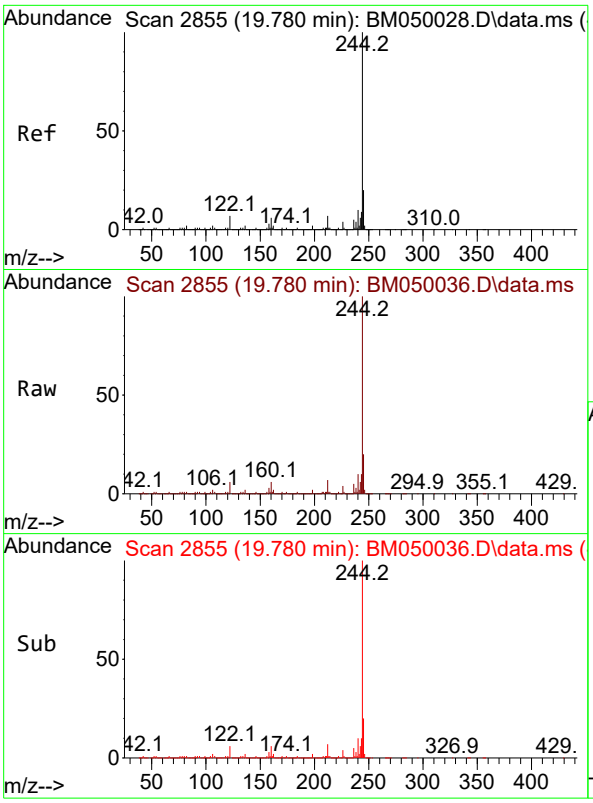


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:240 Resp: 971539

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	25.5	20.9	31.3



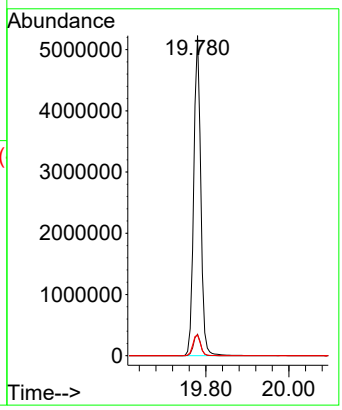


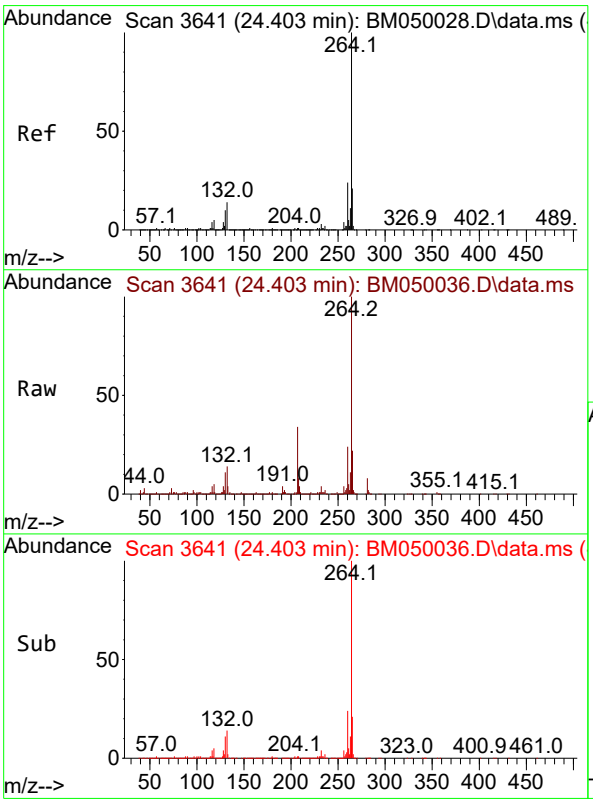
#79
Terphenyl-d14
Concen: 93.145 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion:244 Resp: 6115548

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	6.4	5.6	8.4

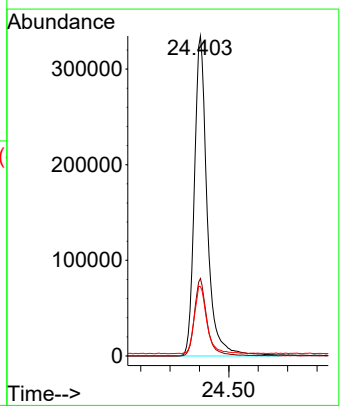




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:264 Resp: 1012325

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.7	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	269893	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	961152	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	608153	20.000	ng		0.00
64) Phenanthrene-d10	17.156	188	1141685	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1074284	20.000	ng		0.00
86) Perylene-d12	24.397	264	1054033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2054378	133.289	ng		0.00
7) Phenol-d6	6.951	99	2536788	130.950	ng		0.00
23) Nitrobenzene-d5	8.928	82	1466426	75.181	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1195862	132.987	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	3957723	76.986	ng		0.00
79) Terphenyl-d14	19.780	244	6028843	83.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	222621	33.686	ng		99
3) Pyridine	3.651	79	622472	36.660	ng		97
4) n-Nitrosodimethylamine	3.563	42	268473	40.314	ng		99
6) Aniline	7.098	93	587160	24.003	ng		99
8) 2-Chlorophenol	7.339	128	712440	42.751	ng		99
9) Benzaldehyde	6.910	77	325538	25.111	ng		100
10) Phenol	6.975	94	873613	44.547	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	664141	40.556	ng		100
12) 1,3-Dichlorobenzene	7.657	146	799721	39.727	ng		99
13) 1,4-Dichlorobenzene	7.798	146	809360	40.021	ng		99
14) 1,2-Dichlorobenzene	8.116	146	781982	40.029	ng		99
15) Benzyl Alcohol	8.010	79	568432	42.311	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.286	45	805029	40.442	ng		99
17) 2-Methylphenol	8.222	107	557394	43.144	ng		99
18) Hexachloroethane	8.839	117	286959	39.916	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	498325	40.108	ng		100
20) 3+4-Methylphenols	8.551	107	746935	42.812	ng		96
22) Acetophenone	8.586	105	980431	41.029	ng	#	98
24) Nitrobenzene	8.969	77	707532	41.951	ng		98
25) Isophorone	9.492	82	1319623	39.689	ng		98
26) 2-Nitrophenol	9.680	139	367607	42.665	ng		99
27) 2,4-Dimethylphenol	9.745	122	621972	43.529	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	846555	41.194	ng		100
29) 2,4-Dichlorophenol	10.227	162	709498	44.323	ng		100
30) 1,2,4-Trichlorobenzene	10.422	180	792629	40.642	ng		100
31) Naphthalene	10.610	128	1999582	41.080	ng		99
32) Benzoic acid	9.916	122	386427	42.285	ng		99
33) 4-Chloroaniline	10.733	127	268271	13.446	ng		98
34) Hexachlorobutadiene	10.892	225	502242	40.569	ng		100
35) Caprolactam	11.521	113	182413	39.083	ng		92
36) 4-Chloro-3-methylphenol	11.869	107	624003	42.193	ng		100
37) 2-Methylnaphthalene	12.221	142	1320802	40.473	ng		99
38) 1-Methylnaphthalene	12.445	142	1387555	40.177	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	916829	43.549	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1281695	99.621	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	598998	44.859	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

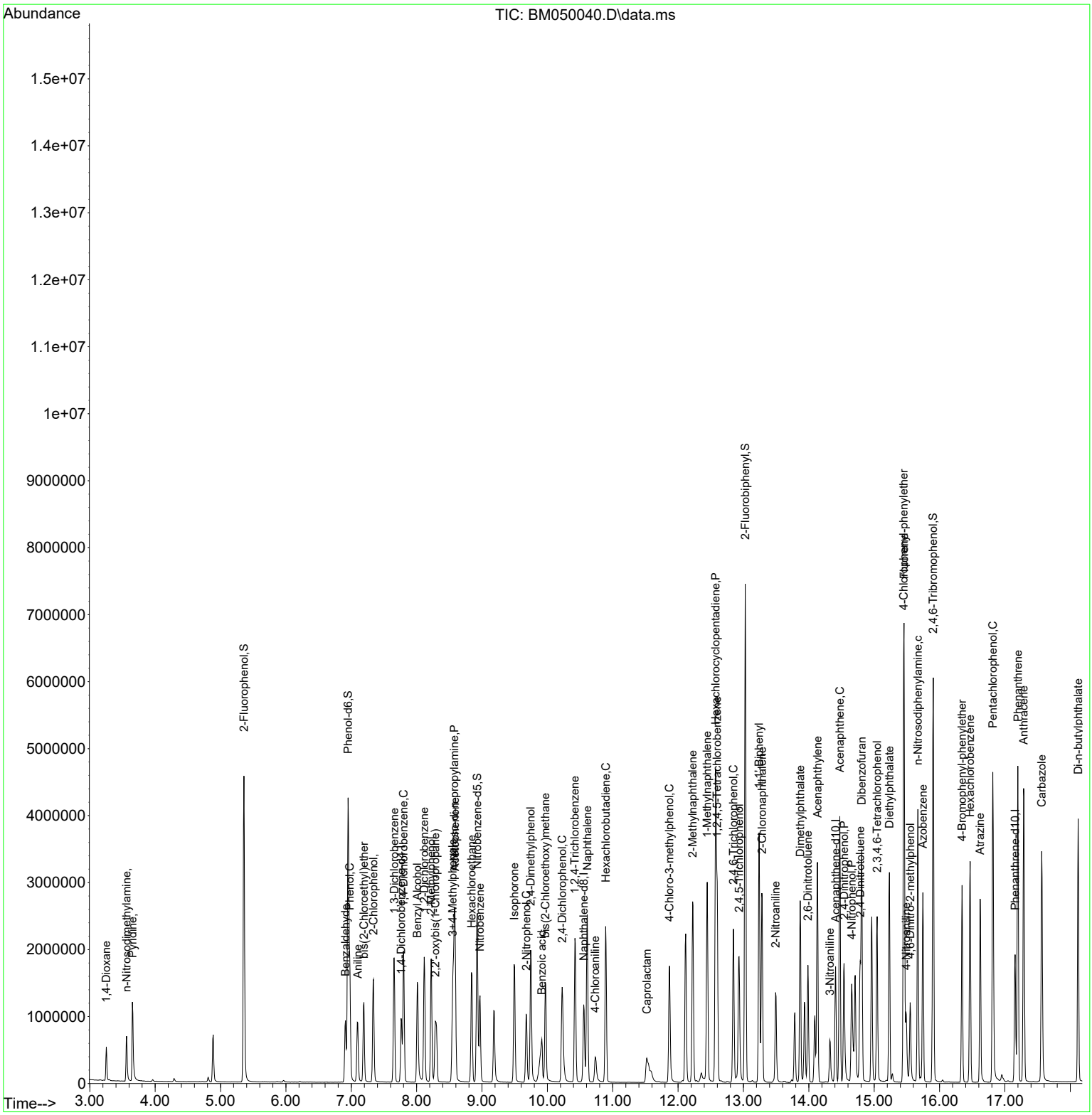
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	639370	44.403	ng	100
46) 1,1'-Biphenyl	13.239	154	1938887	42.889	ng	99
47) 2-Chloronaphthalene	13.286	162	1526561	42.637	ng	99
48) 2-Nitroaniline	13.492	65	365838	43.535	ng	96
49) Acenaphthylene	14.133	152	2392982	42.390	ng	100
50) Dimethylphthalate	13.868	163	1850111	41.627	ng	100
51) 2,6-Dinitrotoluene	13.986	165	395898	43.023	ng	96
52) Acenaphthene	14.474	154	1386169	42.421	ng	100
53) 3-Nitroaniline	14.321	138	188101	21.411	ng	100
54) 2,4-Dinitrophenol	14.539	184	500295	84.598	ng	98
55) Dibenzofuran	14.810	168	2269999	41.754	ng	100
56) 4-Nitrophenol	14.657	139	606531	84.586	ng	98
57) 2,4-Dinitrotoluene	14.786	165	548846	43.164	ng	98
58) Fluorene	15.457	166	1912078	42.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	536088	43.011	ng	99
60) Diethylphthalate	15.233	149	1717203	41.004	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1058040	43.287	ng	99
62) 4-Nitroaniline	15.492	138	346266	40.852	ng	100
63) Azobenzene	15.745	77	1488108	42.399	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	319286	44.677	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1567999	44.726	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	604278	43.769	ng	98
68) Hexachlorobenzene	16.468	284	697068	43.801	ng	97
69) Atrazine	16.621	200	544460	43.054	ng	99
70) Pentachlorophenol	16.815	266	902632	100.762	ng	98
71) Phenanthrene	17.198	178	2807497	43.600	ng	99
72) Anthracene	17.286	178	2880577	44.205	ng	99
73) Carbazole	17.562	167	2435722	43.075	ng	100
74) Di-n-butylphthalate	18.121	149	2832214	42.058	ng	100
75) Fluoranthene	19.215	202	3226174	42.674	ng	100
77) Benzidine	19.409	184	1094565	28.684	ng	100
78) Pyrene	19.580	202	3318333	43.987	ng	100
80) Butylbenzylphthalate	20.474	149	1200717	42.496	ng	94
81) Benzo(a)anthracene	21.380	228	3270859	44.214	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	582534	20.570	ng	99
83) Chrysene	21.444	228	2987144	43.628	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1812796	42.954	ng	99
85) Di-n-octyl phthalate	22.427	149	2993996	43.017	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3671724	46.751	ng	100
88) Benzo(b)fluoranthene	23.450	252	3051800	44.521	ng	99
89) Benzo(k)fluoranthene	23.515	252	3072007	44.305	ng	100
90) Benzo(a)pyrene	24.256	252	2860922	44.562	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3013923	47.076	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2852758	46.543	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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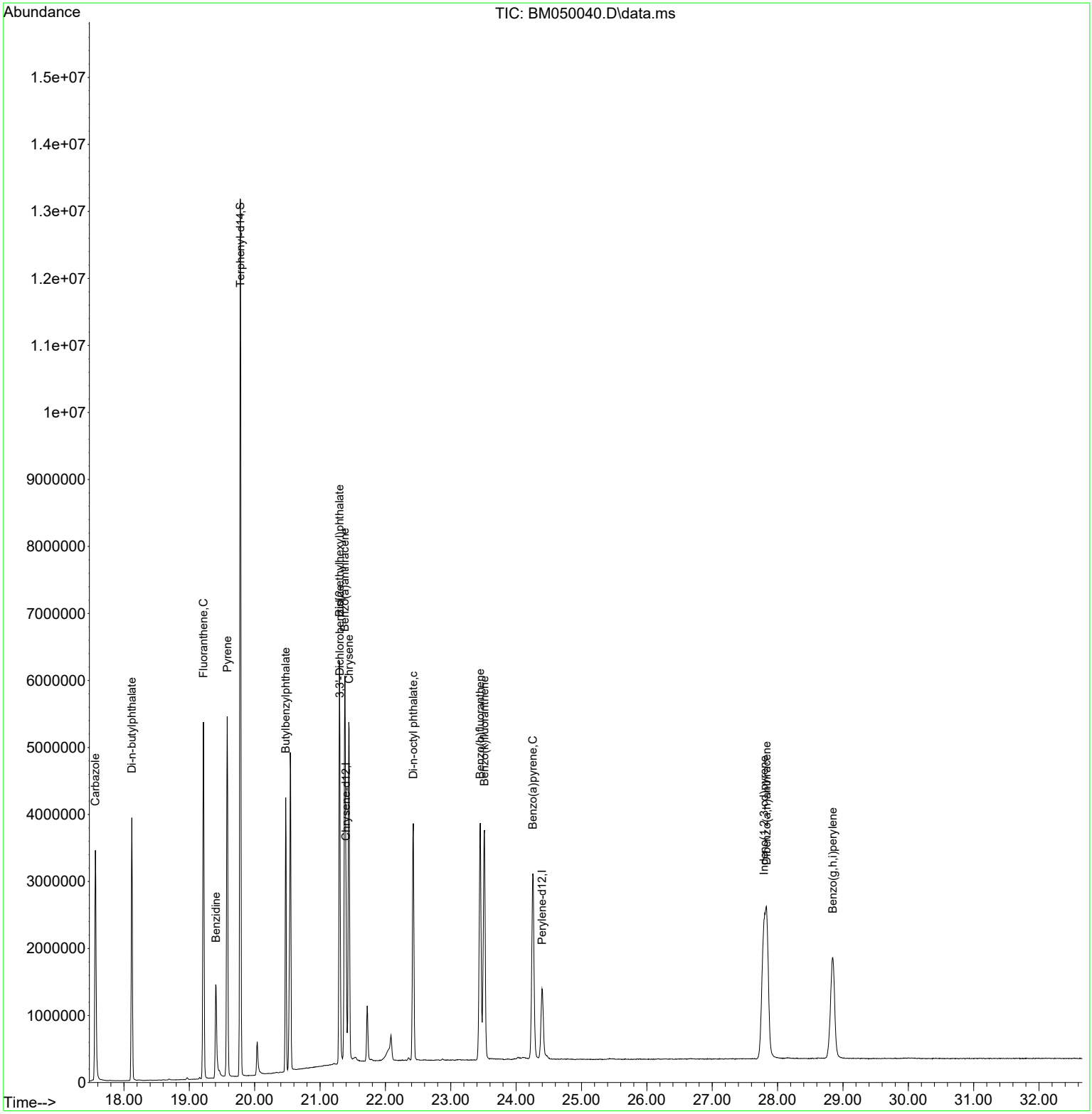

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Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM042925	Instrument	BNA_m

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

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042925

Review By	Rahul	Review On	4/30/2025 11:38:15 AM		
Supervise By	Jagrut	Supervise On	4/30/2025 12:40:09 PM		
SubDirectory	BM042925	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050034.D	29 Apr 2025 08:34	RC/JU	Ok
2	SSTDCCC040	BM050035.D	29 Apr 2025 09:13	RC/JU	Ok
3	PB167729BL	BM050036.D	29 Apr 2025 09:52	RC/JU	Ok
4	Q1502-06DL	BM050037.D	29 Apr 2025 11:00	RC/JU	Ok
5	Q1870-03	BM050038.D	29 Apr 2025 11:39	RC/JU	Ok
6	Q1870-03DL	BM050039.D	29 Apr 2025 12:19	RC/JU	Not Ok
7	PB167729BS	BM050040.D	29 Apr 2025 12:58	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042925

Review By	Rahul	Review On	4/30/2025 11:38:15 AM		
Supervise By	Jagrut	Supervise On	4/30/2025 12:40:09 PM		
SubDirectory	BM042925	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050034.D	29 Apr 2025 08:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050035.D	29 Apr 2025 09:13		RC/JU	Ok
3	PB167729BL	PB167729BL	BM050036.D	29 Apr 2025 09:52		RC/JU	Ok
4	Q1502-06DL	PT-ACIDS-WPDL	BM050037.D	29 Apr 2025 11:00		RC/JU	Ok
5	Q1870-03	38073-100124	BM050038.D	29 Apr 2025 11:39	PT Sample	RC/JU	Ok
6	Q1870-03DL	38073-100124DL	BM050039.D	29 Apr 2025 12:19	Not Required (As 2,4-Dimethylphenol only is to be reported)	RC/JU	Not Ok
7	PB167729BS	PB167729BS	BM050040.D	29 Apr 2025 12:58		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167729

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 04/24/2025

Extraction Start Time : 12:05

Extraction End Date : 04/24/2025

Extraction End Time : 17:00

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3926
Baked Na2SO4	N/A	EP2604
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/24/25	RS (EXT-lab)	JH / SVOC
17:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167729

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167729BL	SBLK729	SVOCMS Group2	1000	6	RUPESH	ritesh	1			SEP-4
PB167729BS	SLCS729	SVOCMS Group2	1000	6	RUPESH	ritesh	1			5
Q1870-03	38073-100124	SVOCMS Group2	1000	6	RUPESH	ritesh	1			6

RS 4/24

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

(167727 12:05 BN

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1870 **WorkList ID :** 189128 **Department :** Extraction **Date :** 04-24-2025 12:02:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1870-01	38072-010925	Water	SVOCMS Group5	Cool 4 deg C	ALLI03	QA Of	04/21/2025	8270-Modified
Q1870-03	38073-100124	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	04/22/2025	8270E

Date/Time 4/24/25 12:03
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SJ (QAO)

Date/Time NA
Raw Sample Received by: N/A
Raw Sample Relinquished by: N/A

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LAB CHRONICLE

OrderID:	Q1870	**OrderDate:**	4/24/2025 11:31:00 AM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Waste Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1870-03	**38073-100124**	**Water**			**04/22/25**			**04/24/25**
			SVOCMS Group2	8270E		04/24/25	04/29/25	