

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062820.D
 Acq On : 14 Sep 2024 20:39
 Operator : JU/RC
 Sample : P3898-20DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC59DL

Quant Time: Sep 15 01:16:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

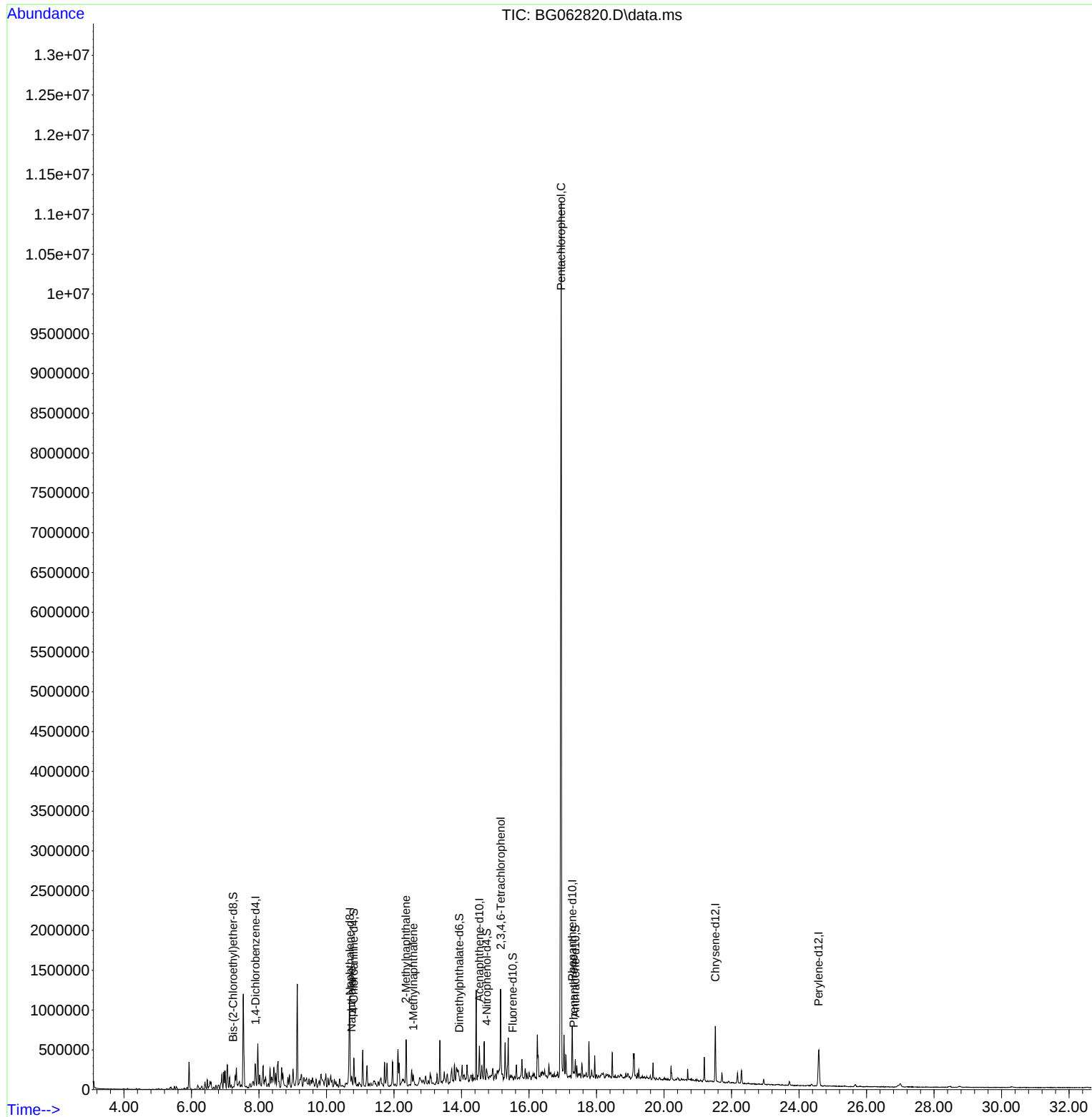
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	43948	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	182262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	146277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	382937	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	416679	20.000	ng/u1	0.00
88) Perylene-d12	24.581	264	473298	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.066	99	3485	0.904	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.236	67	2873	1.243	ng/u1	0.00
11) 2-Chlorophenol-d4	7.442	132	2390	0.851	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	1125	0.350	ng/u1	0.00
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	9.780	143	1228	0.862	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	2797	0.902	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	9841	2.308	ng/u1	-0.02
46) Dimethylphthalate-d6	13.934	166	11850	1.052	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	12412	0.992	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	3672	1.919	ng/u1	0.01
60) Fluorene-d10	15.521	176	11218	1.105	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.377	188	18074	1.000	ng/u1	0.00
81) Pyrene-d10	19.663	212	21394	0.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.369	264	17631	0.705	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.744	128	49895	5.106	ng/u1	98
36) 2-Methylnaphthalene	12.354	142	83196	11.535	ng/u1	94
37) 1-Methylnaphthalene	12.571	142	48667	6.587	ng/u1#	88
58) 2,3,4,6-Tetrachlorophenol	15.162	232	259497	78.297	ng/u1	95
71) Pentachlorophenol	16.954	266	2611168	867.691	ng/u1	92
72) Phenanthrene	17.325	178	36463	1.831	ng/u1	97

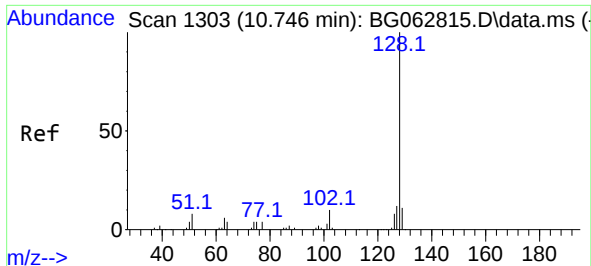
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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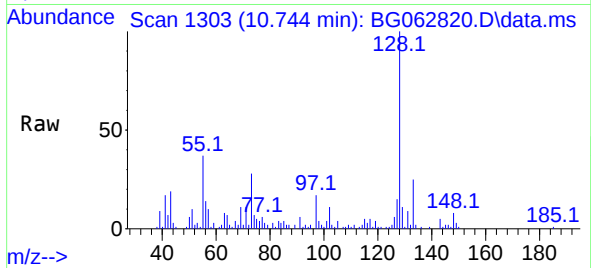
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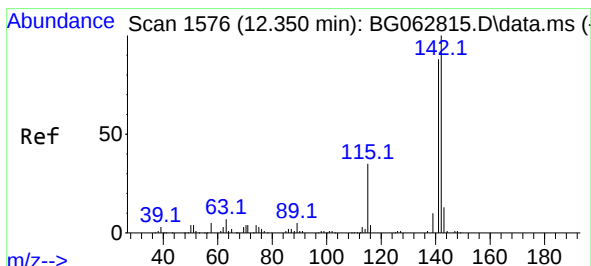
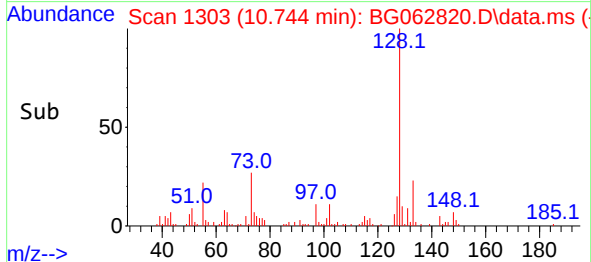
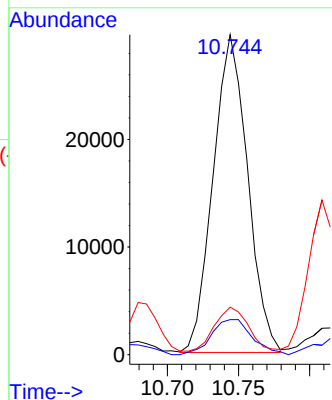


#30
Naphthalene
Concen: 5.106 ng/ul
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062820.D
Acq: 14 Sep 2024 20:39

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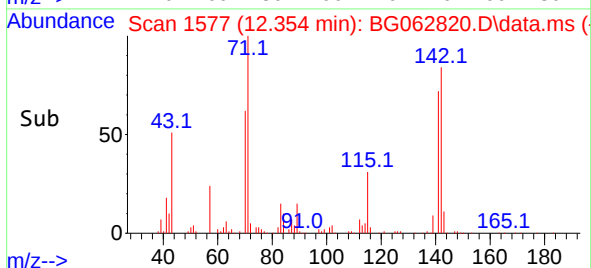
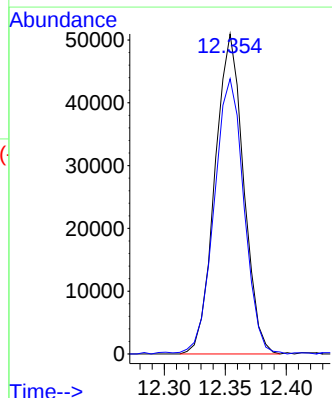
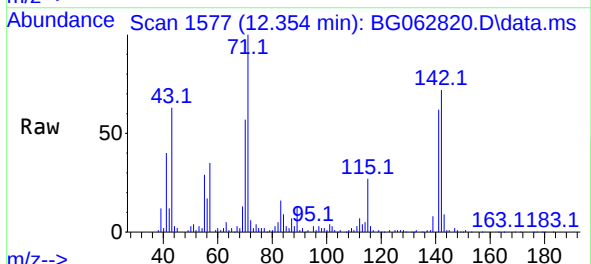


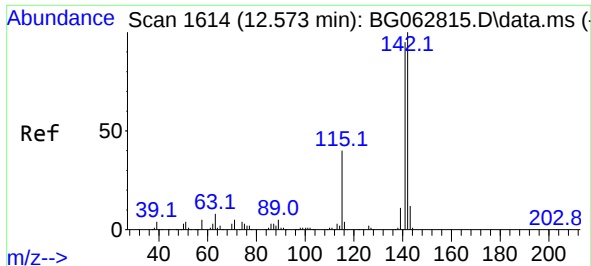
Tgt Ion:128 Resp: 49895
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.8 10.7 16.1



#36
2-Methylnaphthalene
Concen: 11.535 ng/ul
RT: 12.354 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062820.D
Acq: 14 Sep 2024 20:39

Tgt Ion:142 Resp: 83196
Ion Ratio Lower Upper
142 100
141 86.0 73.4 110.2





#37

1-Methylnaphthalene

Concen: 6.587 ng/ul

RT: 12.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062820.D

Acq: 14 Sep 2024 20:39

Instrument :

BNA_G

ClientSampleId :

DDC59DL

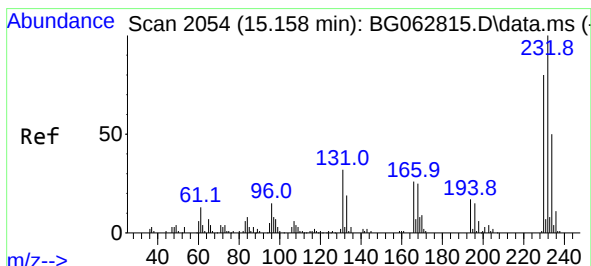
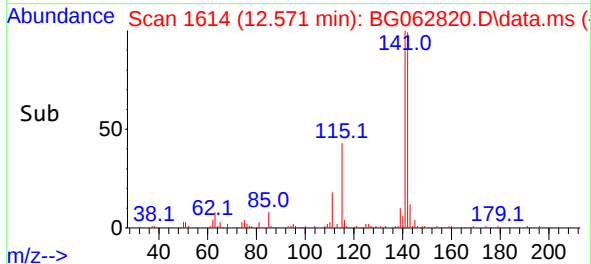
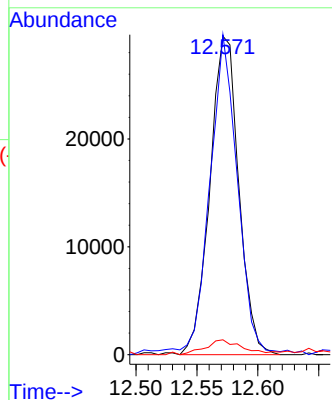
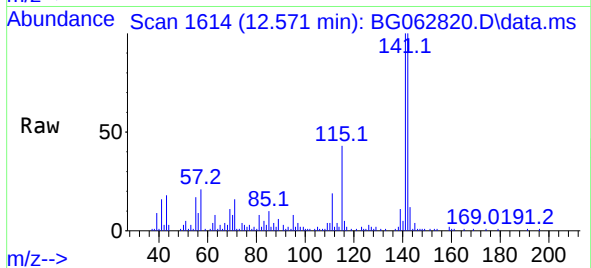
Tgt Ion:142 Resp: 48667

Ion Ratio Lower Upper

142 100

141 100.5 71.1 106.7

116 4.7 3.0 4.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 78.297 ng/ul

RT: 15.162 min Scan# 2055

Delta R.T. 0.007 min

Lab File: BG062820.D

Acq: 14 Sep 2024 20:39

Tgt Ion:232 Resp: 259497

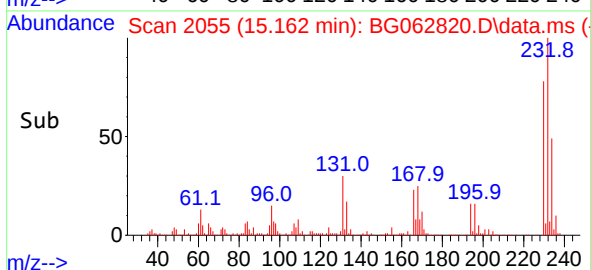
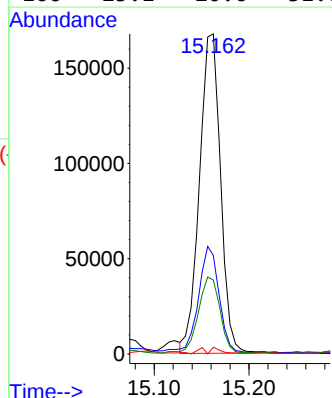
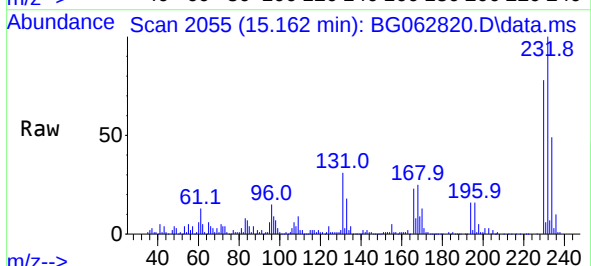
Ion Ratio Lower Upper

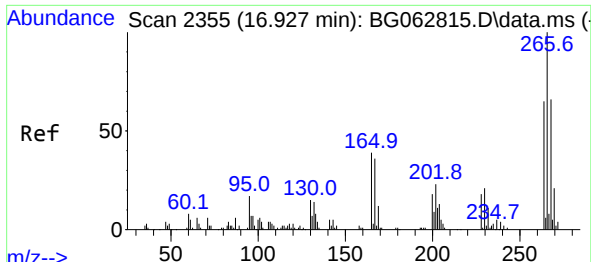
232 100

131 30.8 26.6 40.0

130 2.1 1.6 2.4

166 23.1 20.6 31.0

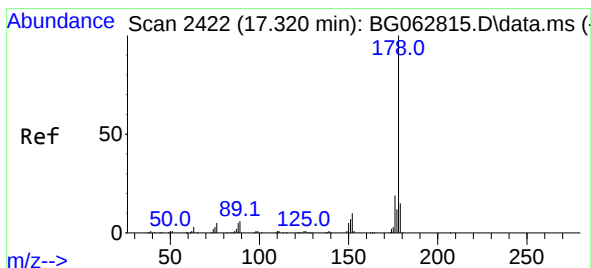
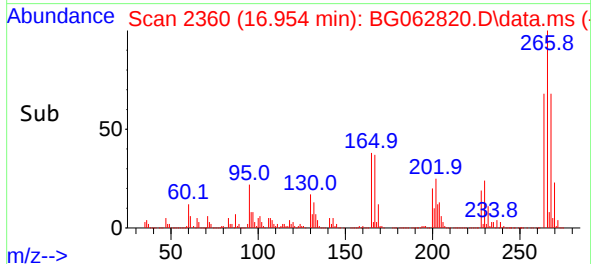
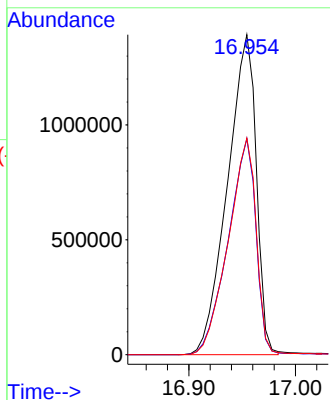
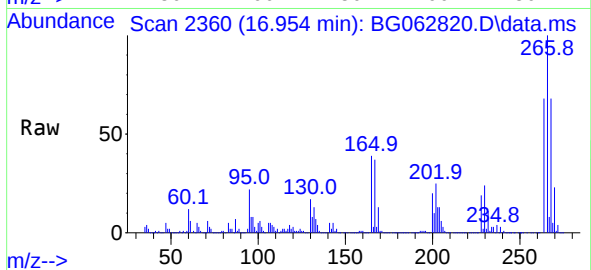




#71
 Pentachlorophenol
 Concen: 867.691 ng/u1
 RT: 16.954 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BG062820.D
 Acq: 14 Sep 2024 20:39

Instrument :
 BNA_G
 ClientSampleId :
 DDC59DL

Tgt Ion:266 Resp: 2611168
 Ion Ratio Lower Upper
 266 100
 264 67.5 48.6 72.8
 268 67.6 49.5 74.3



#72
 Phenanthrene
 Concen: 1.831 ng/u1
 RT: 17.325 min Scan# 2423
 Delta R.T. 0.001 min
 Lab File: BG062820.D
 Acq: 14 Sep 2024 20:39

Tgt Ion:178 Resp: 36463
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 21.0 14.9 22.3

