

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062867.D
 Acq On : 16 Sep 2024 5:17
 Operator : JU/RC
 Sample : P3899-11
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC12

Quant Time: Sep 16 06:11:08 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)

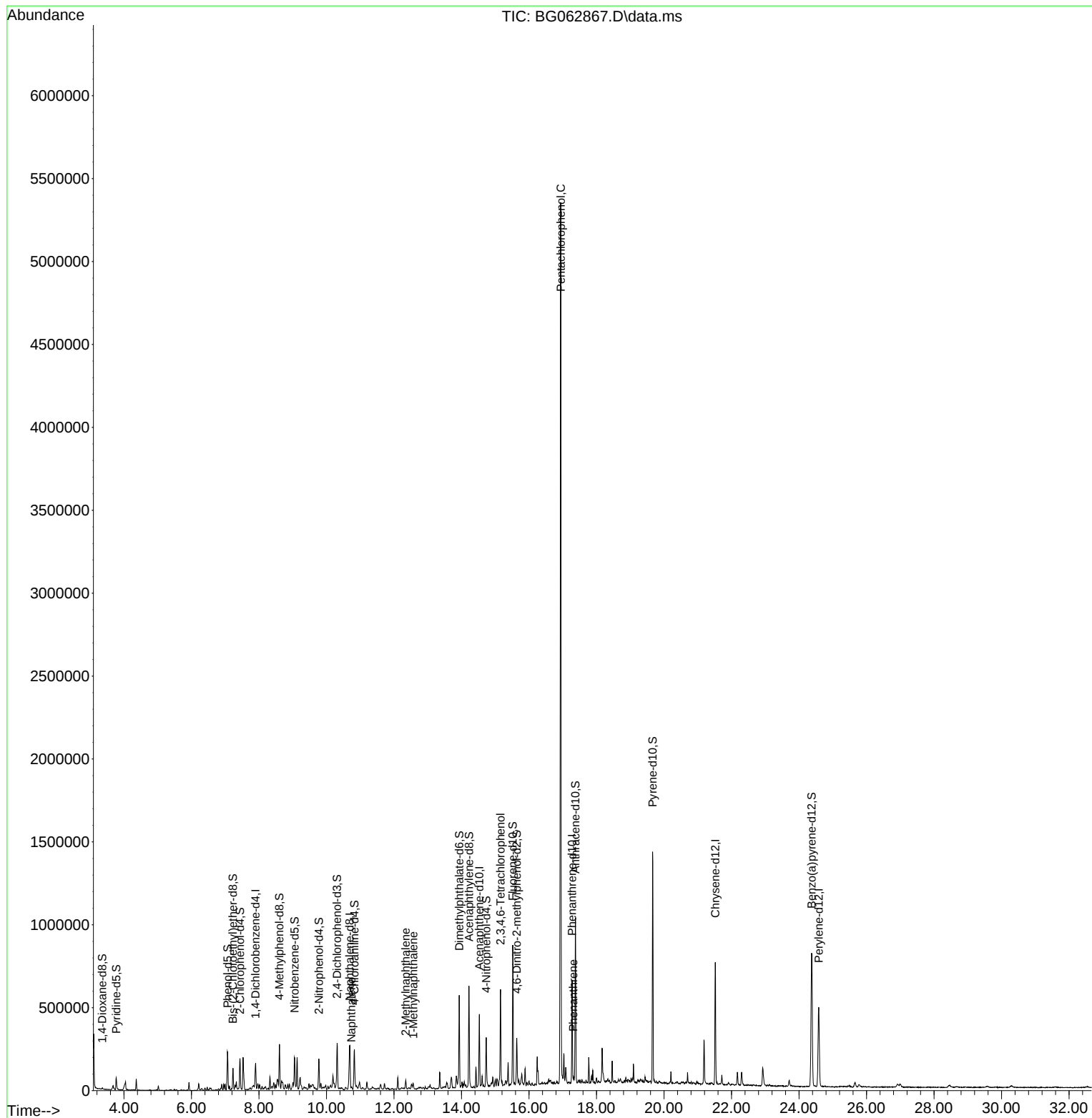
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	42722	20.000	ng/u1	0.00
20) Naphthalene-d8	10.691	136	175709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	148284	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	395652	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.520	240	445439	20.000	ng/u1	# 0.00
88) Perylene-d12	24.587	264	515401	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	4213	4.458	ng/uL	0.00
4) Pyridine-d5	3.770	84	40834	13.573	ng/u1	0.00
7) Phenol-d5	7.072	99	102553	27.375	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	56398	25.110	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	77858	28.532	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	95126	30.471	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	42391	33.756	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	52511	38.234	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	103168	34.493	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	116439	28.321	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	365540	32.012	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	412877	32.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	57240	29.508	ng/u1	0.00
60) Fluorene-d10	15.521	176	341074	33.147	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	78437	34.465	ng/u1	0.00
73) Anthracene-d10	17.377	188	616160	32.998	ng/u1	0.00
81) Pyrene-d10	19.663	212	808063	32.237	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.375	264	925231	33.997	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.738	128	10323	1.096	ng/u1	96
36) 2-Methylnaphthalene	12.348	142	24498	3.523	ng/u1	96
37) 1-Methylnaphthalene	12.571	142	14462	2.030	ng/u1#	98
58) 2,3,4,6-Tetrachlorophenol	15.156	232	138592	41.251	ng/u1	96
71) Pentachlorophenol	16.943	266	1233318	396.661	ng/u1	97
72) Phenanthrene	17.313	178	23867	1.160	ng/u1	96

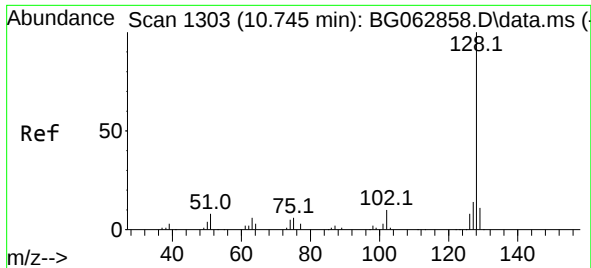
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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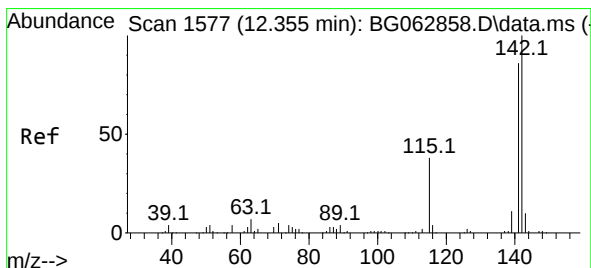
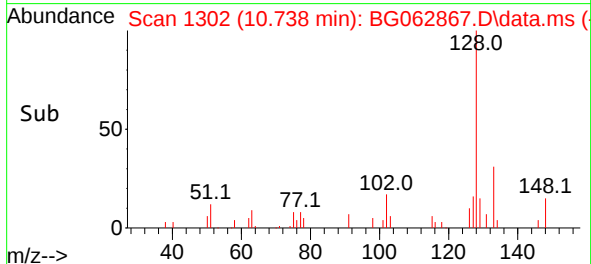
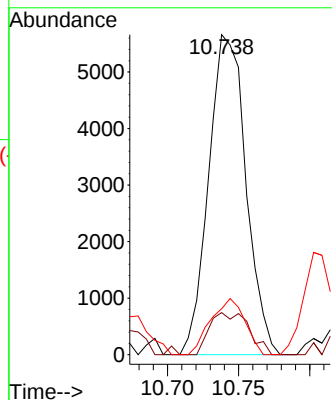
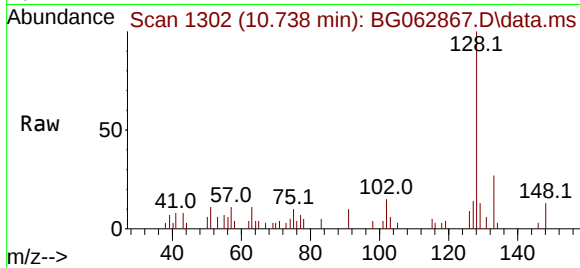




#30
Naphthalene
Concen: 1.096 ng/ul
RT: 10.738 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BG062867.D
Acq: 16 Sep 2024 5:17

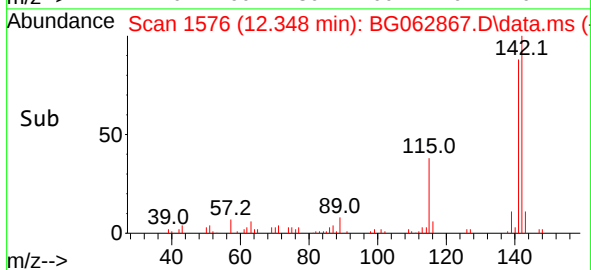
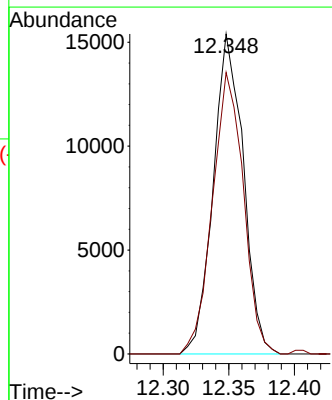
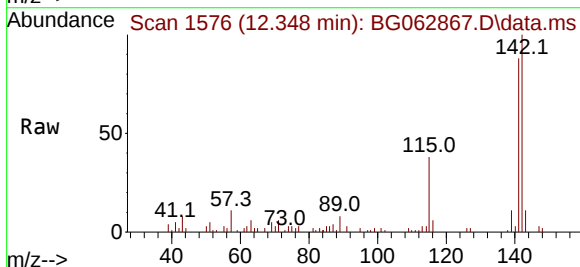
Instrument :
BNA_G
ClientSampleId :
DDC12

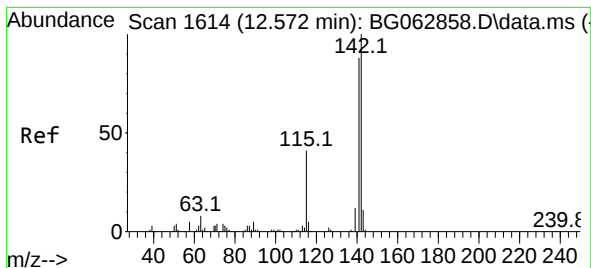
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	14.4	10.7	16.1



#36
2-Methylnaphthalene
Concen: 3.523 ng/ul
RT: 12.348 min Scan# 1576
Delta R.T. -0.011 min
Lab File: BG062867.D
Acq: 16 Sep 2024 5:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.4	110.2





#37

1-Methylnaphthalene

Concen: 2.030 ng/ul

RT: 12.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062867.D

Acq: 16 Sep 2024 5:17

Instrument :

BNA_G

ClientSampleId :

DDC12

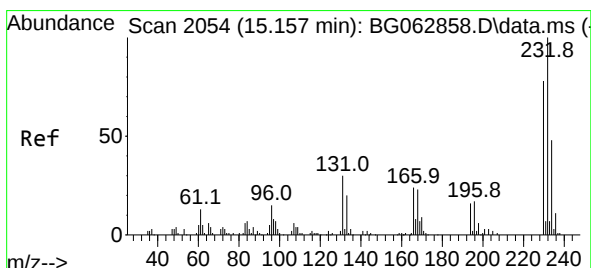
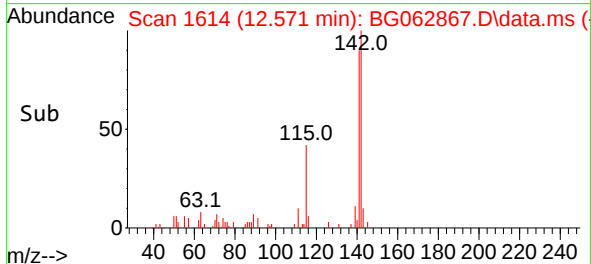
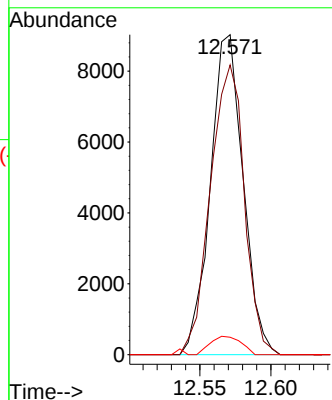
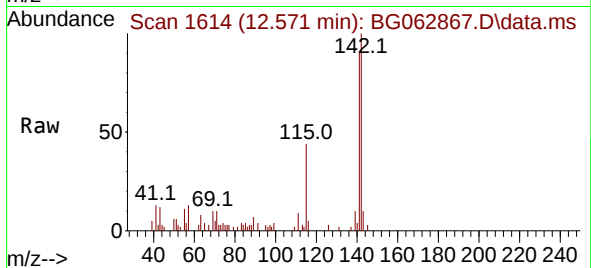
Tgt Ion:142 Resp: 14462

Ion Ratio Lower Upper

142 100

141 90.6 71.1 106.7

116 5.5 3.0 4.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.251 ng/ul

RT: 15.156 min Scan# 2054

Delta R.T. 0.001 min

Lab File: BG062867.D

Acq: 16 Sep 2024 5:17

Tgt Ion:232 Resp: 138592

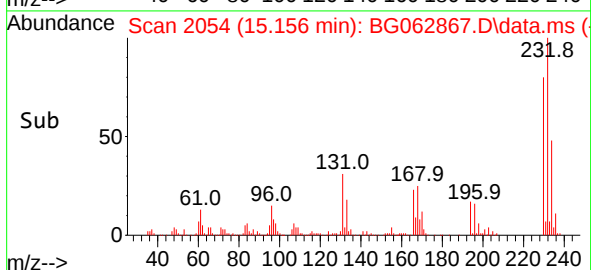
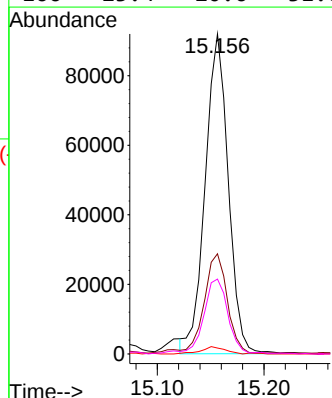
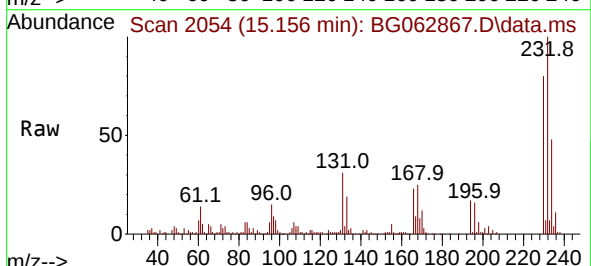
Ion Ratio Lower Upper

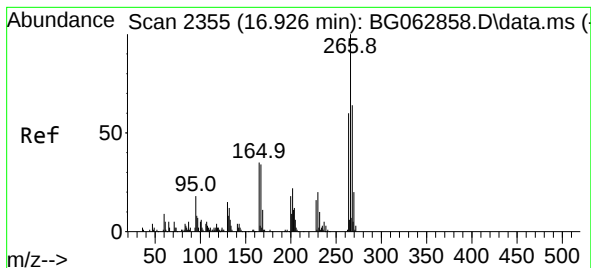
232 100

131 31.3 26.6 40.0

130 1.9 1.6 2.4

166 23.4 20.6 31.0





#71

Pentachlorophenol

Concen: 396.661 ng/ul

RT: 16.943 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG062867.D

Acq: 16 Sep 2024 5:17

Instrument :

BNA_G

ClientSampleId :

DDC12

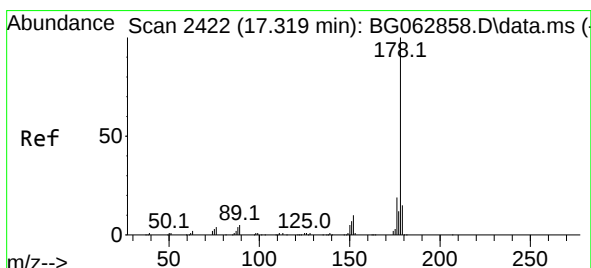
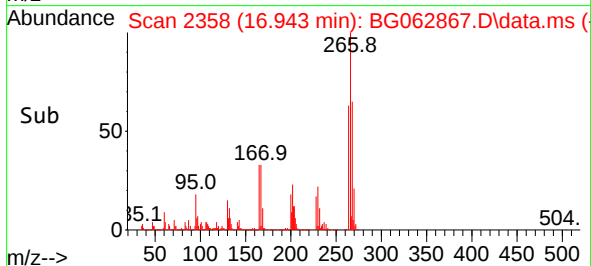
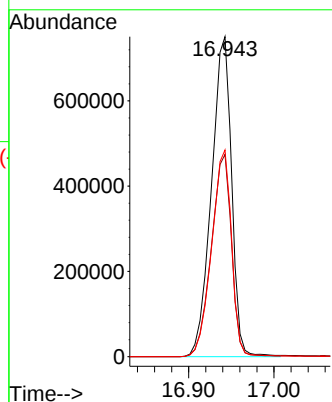
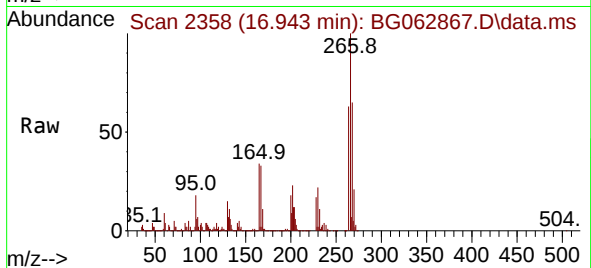
Tgt Ion:266 Resp: 1233318

Ion Ratio Lower Upper

266 100

264 63.2 48.6 72.8

268 64.6 49.5 74.3



#72

Phenanthrene

Concen: 1.160 ng/ul

RT: 17.313 min Scan# 2421

Delta R.T. -0.011 min

Lab File: BG062867.D

Acq: 16 Sep 2024 5:17

Tgt Ion:178 Resp: 23867

Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

176 20.4 14.9 22.3

