

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062967.D
 Acq On : 20 Sep 2024 7:20
 Operator : JU/RC
 Sample : P3898-13ME
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC78ME

Quant Time: Sep 20 08:01:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

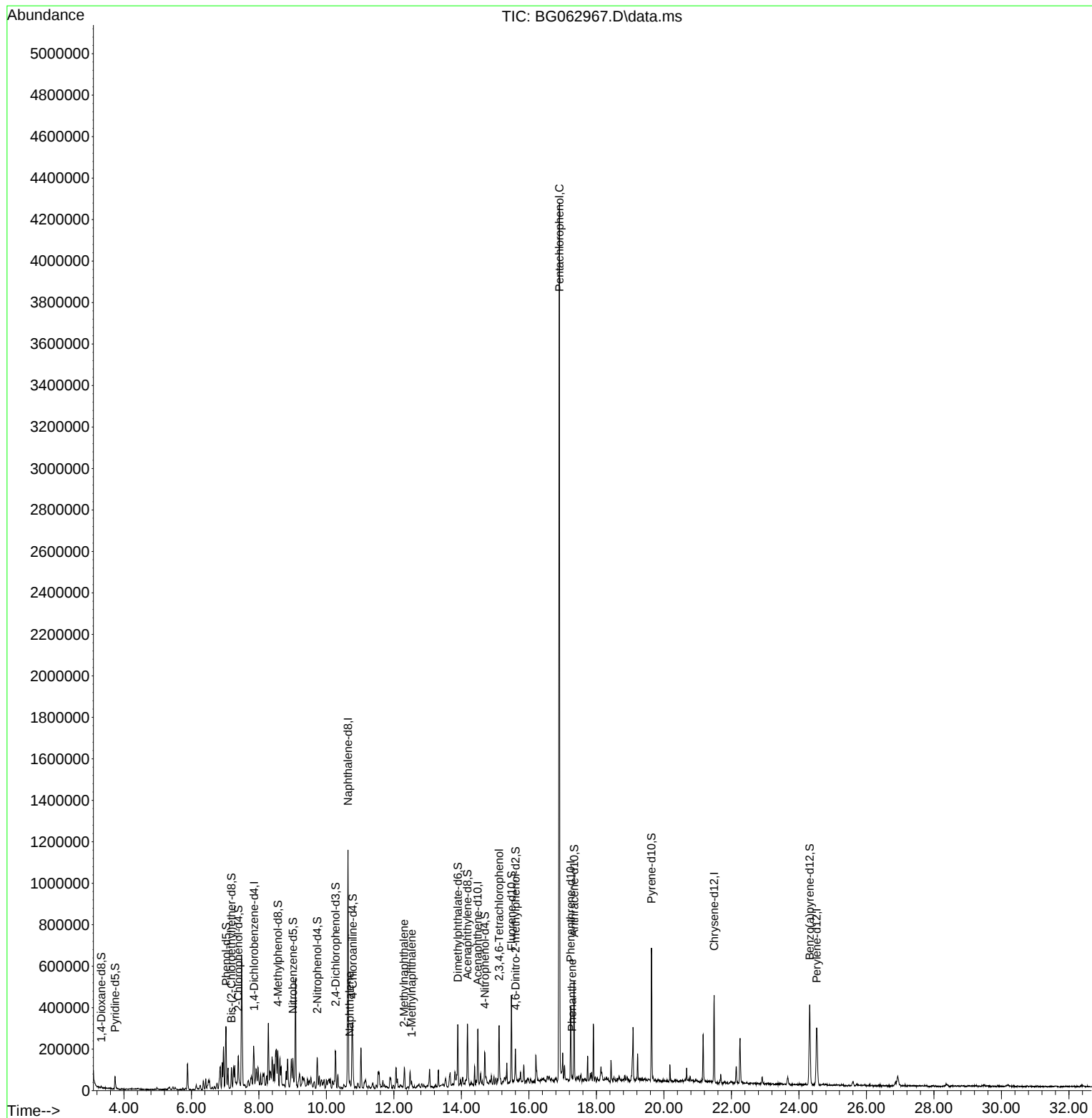
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	30119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	114144	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.483	164	92191	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	212713	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240	236848	20.000	ng/ul	# 0.00
88) Perylene-d12	24.524	264	288330	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3328	3.236	ng/uL	0.00
4) Pyridine-d5	3.743	84	37502	13.434	ng/ul	0.00
7) Phenol-d5	7.027	99	71912	23.009	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	46491	26.582	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	51417	25.058	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	54672	23.880	ng/ul	0.00
21) Nitrobenzene-d5	9.007	128	24538	26.984	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	27746	26.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	53496	24.993	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	62266	23.375	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	171859	25.068	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	189923	24.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.694	143	26050	23.712	ng/ul	0.00
60) Fluorene-d10	15.482	176	164077	25.704	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	31789	24.722	ng/ul	0.00
73) Anthracene-d10	17.338	188	266827	26.542	ng/ul	0.00
81) Pyrene-d10	19.630	212	361454	25.197	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.318	264	407460	26.796	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.693	128	10230	1.614	ng/ul#	80
36) 2-Methylnaphthalene	12.303	142	20365	4.459	ng/ul	96
37) 1-Methylnaphthalene	12.526	142	9694	2.097	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.117	232	51227	26.615	ng/ul#	97
71) Pentachlorophenol	16.904	266	843869	541.996	ng/ul	92
72) Phenanthrene	17.280	178	13761	1.218	ng/ul#	87

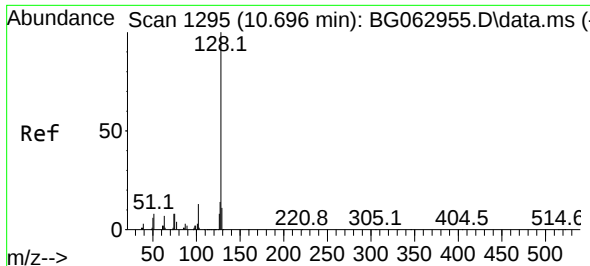
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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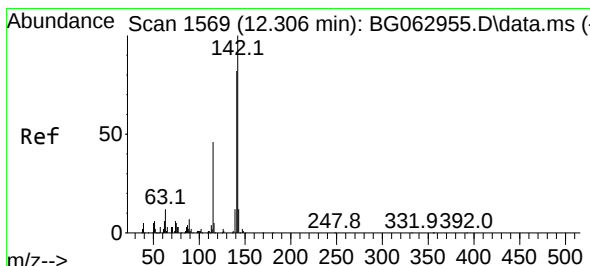
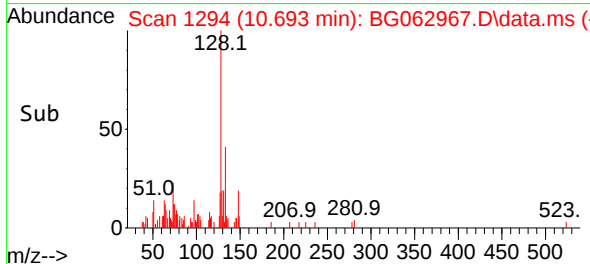
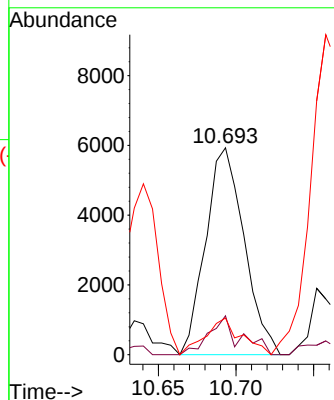
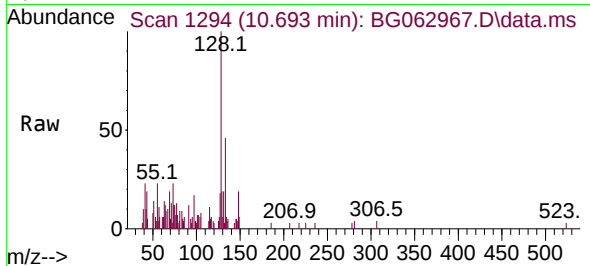




#30
Naphthalene
Concen: 1.614 ng/ul
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG062967.D
Acq: 20 Sep 2024 7:20

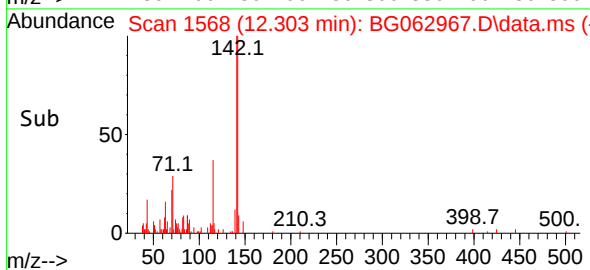
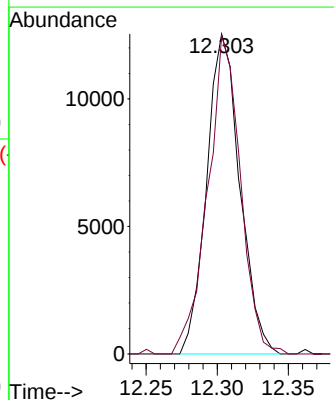
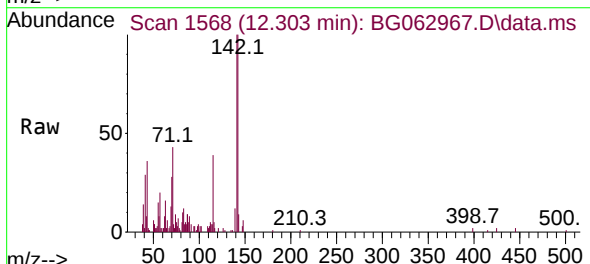
Instrument :
BNA_G
ClientSampleId :
DDC78ME

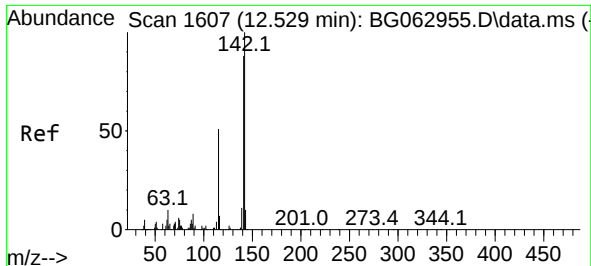
Tgt Ion:128 Resp: 10230
Ion Ratio Lower Upper
128 100
129 18.8 7.1 10.7#
127 17.7 9.4 14.2#



#36
2-Methylnaphthalene
Concen: 4.459 ng/ul
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG062967.D
Acq: 20 Sep 2024 7:20

Tgt Ion:142 Resp: 20365
Ion Ratio Lower Upper
142 100
141 99.6 76.5 114.7





#37

1-Methylnaphthalene

Concen: 2.097 ng/ul

RT: 12.526 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG062967.D

Acq: 20 Sep 2024 7:20

Instrument :

BNA_G

ClientSampleId :

DDC78ME

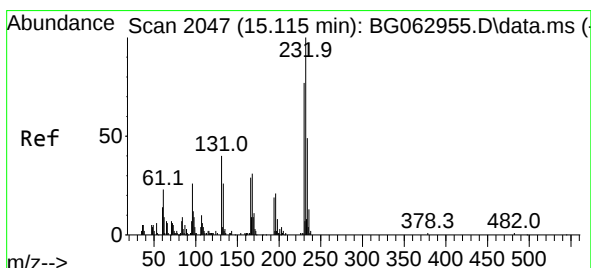
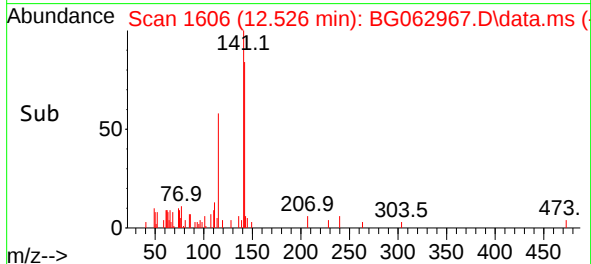
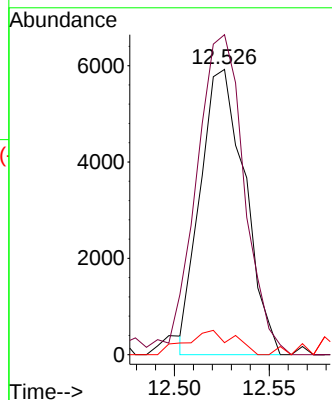
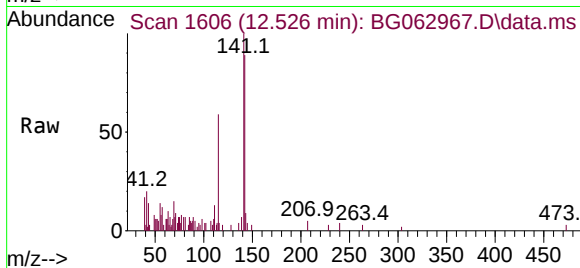
Tgt Ion:142 Resp: 9694

Ion Ratio Lower Upper

142 100

141 112.1 74.1 111.1#

116 4.2 3.6 5.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.615 ng/ul

RT: 15.117 min Scan# 2047

Delta R.T. 0.002 min

Lab File: BG062967.D

Acq: 20 Sep 2024 7:20

Tgt Ion:232 Resp: 51227

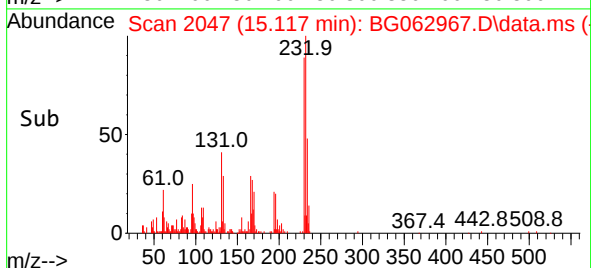
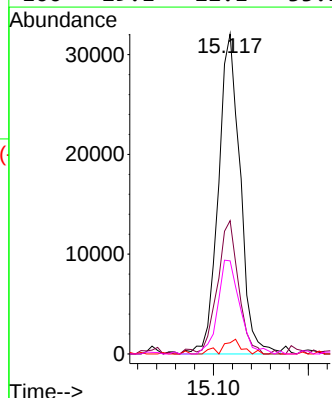
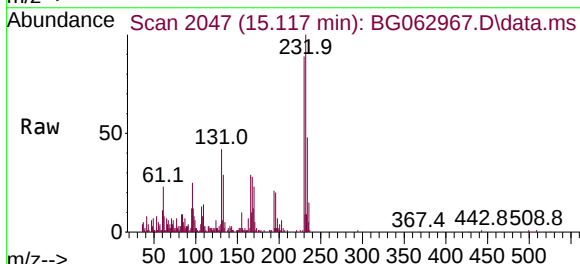
Ion Ratio Lower Upper

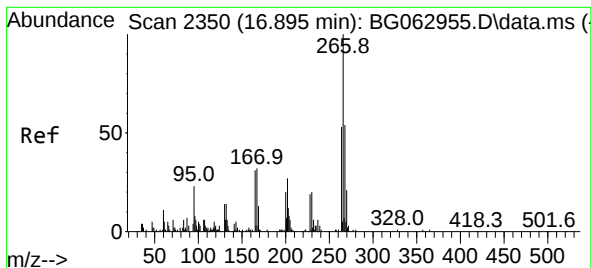
232 100

131 41.7 31.9 47.9

130 3.5 1.9 2.9#

166 29.1 22.1 33.1





#71

Pentachlorophenol

Concen: 541.996 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG062967.D

Acq: 20 Sep 2024 7:20

Instrument :

BNA_G

ClientSampleId :

DDC78ME

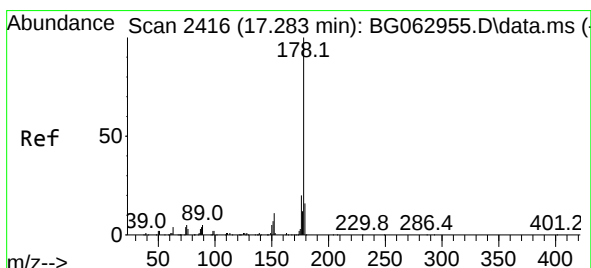
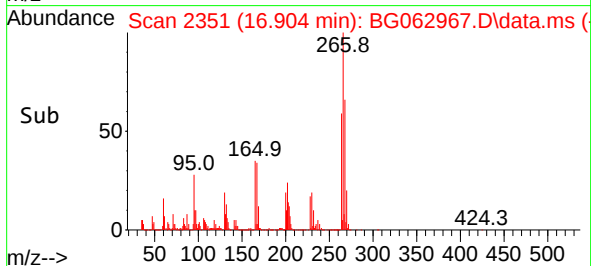
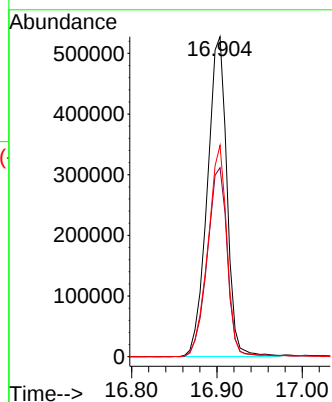
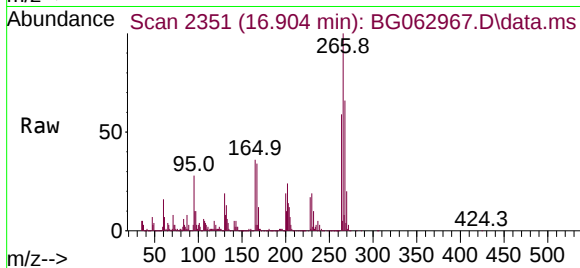
Tgt Ion:266 Resp: 843869

Ion Ratio Lower Upper

266 100

264 59.0 43.0 64.4

268 66.0 47.2 70.8



#72

Phenanthrene

Concen: 1.218 ng/ul

RT: 17.280 min Scan# 2415

Delta R.T. 0.002 min

Lab File: BG062967.D

Acq: 20 Sep 2024 7:20

Tgt Ion:178 Resp: 13761

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

176 29.1 15.5 23.3#

