

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG062990.D
 Acq On : 23 Sep 2024 13:16
 Operator : RC/JU
 Sample : P3899-05ME
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9ME

Quant Time: Sep 23 14:03:17 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)

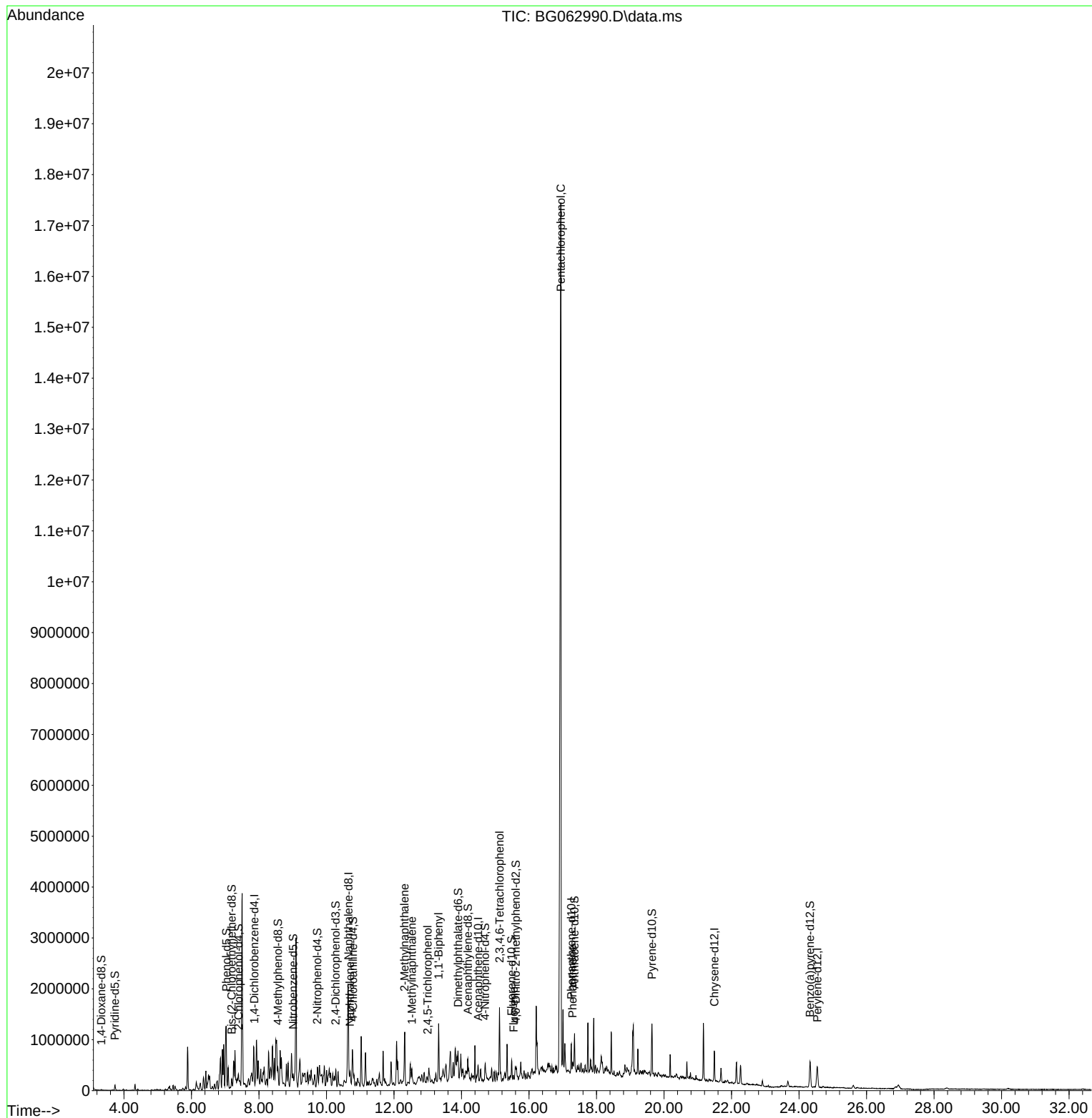
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	39285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.650	136	156673	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	90442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.254	188	316772	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.490	240	339616	20.000	ng/u1	# 0.00
88) Perylene-d12	24.539	264	395395	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	5609	4.182	ng/uL	0.00
4) Pyridine-d5	3.734	84	59666	16.386	ng/u1	0.00
7) Phenol-d5	7.030	99	115854	28.420	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	65477	28.703	ng/u1	0.00
11) 2-Chlorophenol-d4	7.395	132	72036	26.916	ng/u1	0.00
15) 4-Methylphenol-d8	8.564	113	78421	26.261	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	36142	28.956	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	42161	29.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.274	165	87277	29.707	ng/u1	0.00
31) 4-Chloroaniline-d4	10.785	131	101207	27.681	ng/u1	0.00
46) Dimethylphthalate-d6	13.899	166	263365	39.159	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	259835	34.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	25767	23.908	ng/u1	0.00
60) Fluorene-d10	15.485	176	163916	26.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	50182	26.206	ng/u1	0.00
73) Anthracene-d10	17.348	188	383397	25.609	ng/u1	0.01
81) Pyrene-d10	19.639	212	488256	23.737	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.328	264	545574	26.164	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.697	128	95880	11.022	ng/u1#	92
36) 2-Methylnaphthalene	12.312	142	187577	29.922	ng/u1	93
37) 1-Methylnaphthalene	12.530	142	112082	17.667	ng/u1#	97
42) 2,4,5-Trichlorophenol	12.994	196	6015	2.867	ng/u1	92
43) 1,1'-Biphenyl	13.323	154	17490	2.603	ng/u1#	90
58) 2,3,4,6-Tetrachlorophenol	15.127	232	256519	135.850	ng/u1#	92
61) Fluorene	15.544	166	14539	2.231	ng/u1#	95
71) Pentachlorophenol	16.942	266	4710707	2031.677	ng/u1#	85
72) Phenanthrene	17.295	178	105696	6.281	ng/u1	95

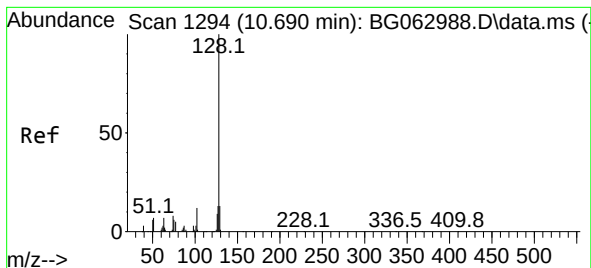
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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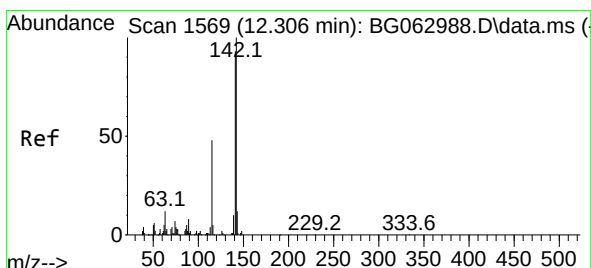
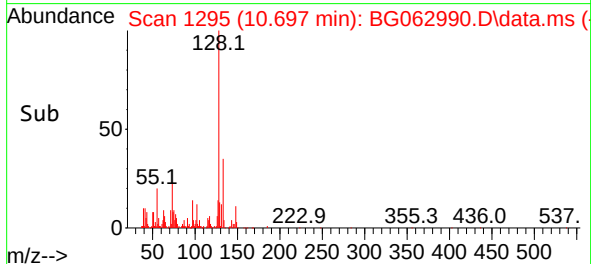
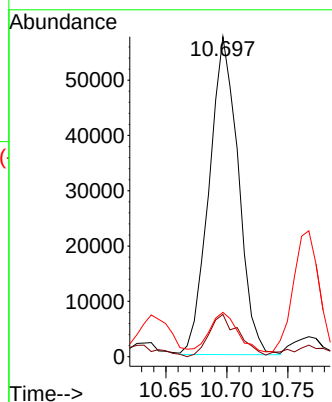
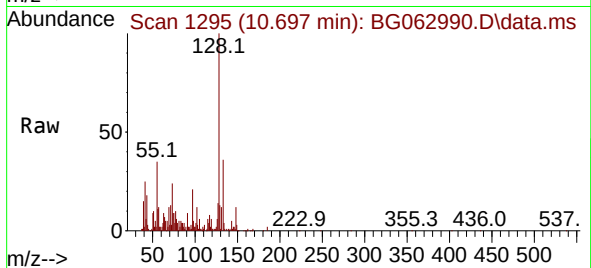




#30
Naphthalene
Concen: 11.022 ng/ul
RT: 10.697 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG062990.D
Acq: 23 Sep 2024 13:16

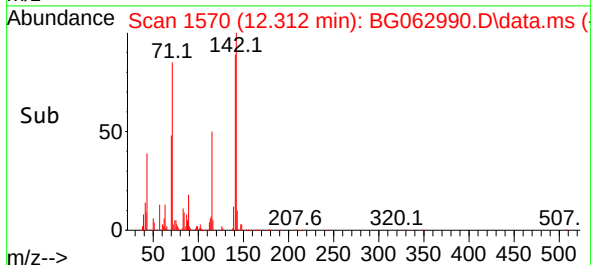
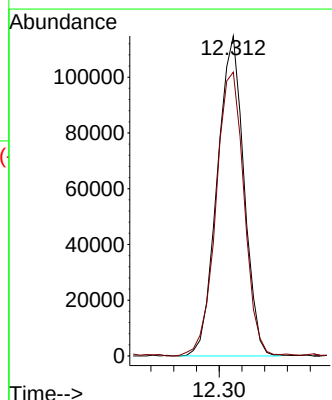
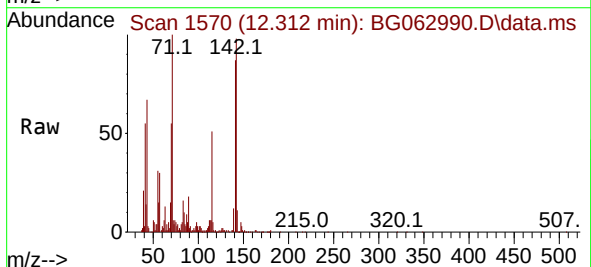
Instrument :
BNA_G
ClientSampleId :
DCVZ9ME

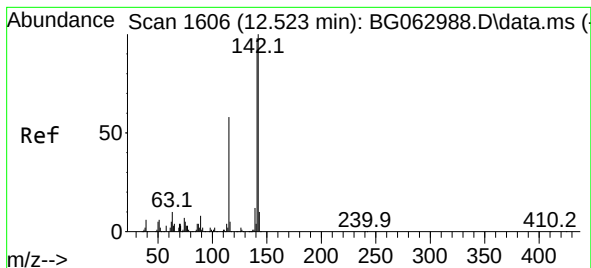
Tgt Ion:128 Resp: 95880
Ion Ratio Lower Upper
128 100
129 13.2 7.1 10.7#
127 13.8 9.4 14.2



#36
2-Methylnaphthalene
Concen: 29.922 ng/ul
RT: 12.312 min Scan# 1570
Delta R.T. 0.005 min
Lab File: BG062990.D
Acq: 23 Sep 2024 13:16

Tgt Ion:142 Resp: 187577
Ion Ratio Lower Upper
142 100
141 88.7 76.5 114.7





#37

1-Methylnaphthalene

Concen: 17.667 ng/ul

RT: 12.530 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG062990.D

Acq: 23 Sep 2024 13:16

Instrument :

BNA_G

ClientSampleId :

DCVZ9ME

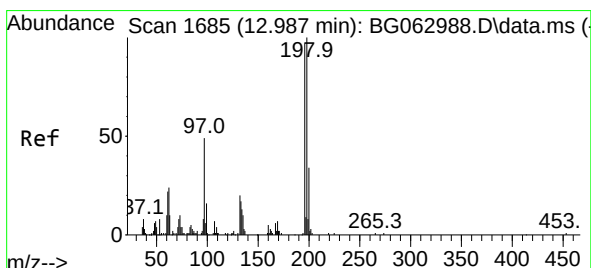
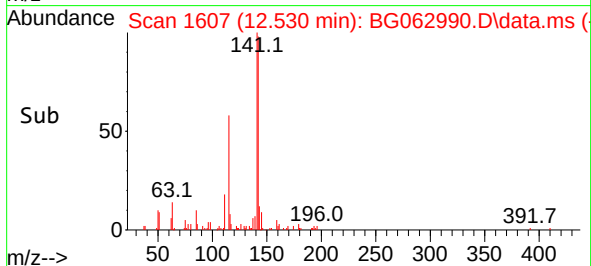
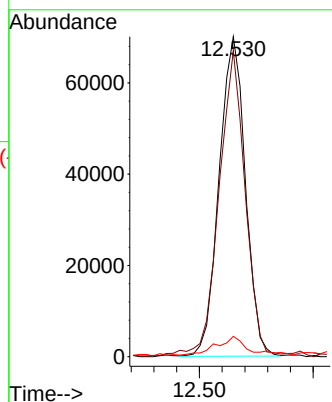
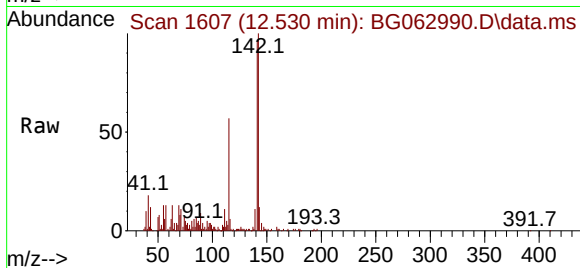
Tgt Ion:142 Resp: 112082

Ion Ratio Lower Upper

142 100

141 95.6 74.1 111.1

116 6.4 3.6 5.4#



#42

2,4,5-Trichlorophenol

Concen: 2.867 ng/ul

RT: 12.994 min Scan# 1686

Delta R.T. -0.001 min

Lab File: BG062990.D

Acq: 23 Sep 2024 13:16

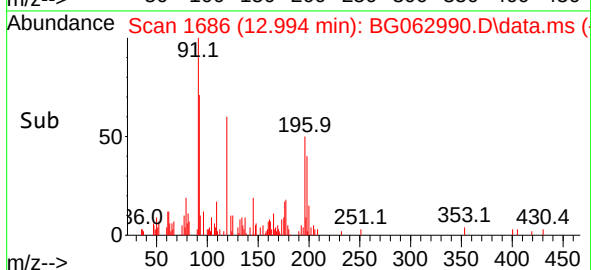
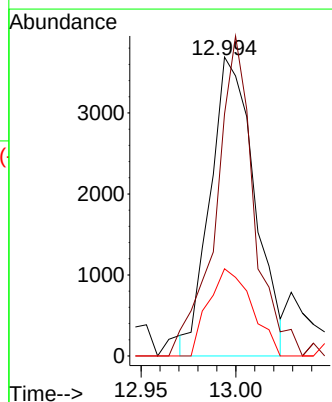
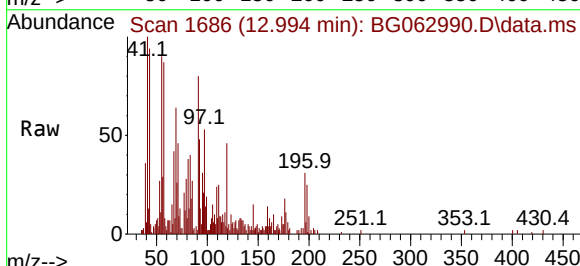
Tgt Ion:196 Resp: 6015

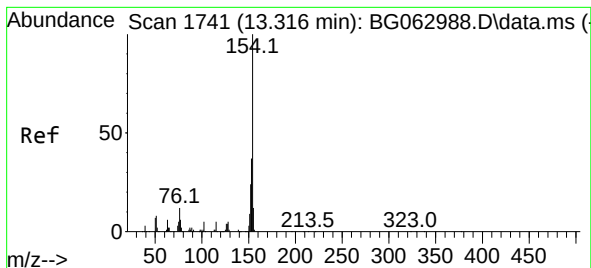
Ion Ratio Lower Upper

196 100

198 85.1 75.5 113.3

200 29.2 25.5 38.3





#43

1,1'-Biphenyl

Concen: 2.603 ng/ul

RT: 13.323 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG062990.D

Acq: 23 Sep 2024 13:16

Instrument :

BNA_G

ClientSampleId :

DCVZ9ME

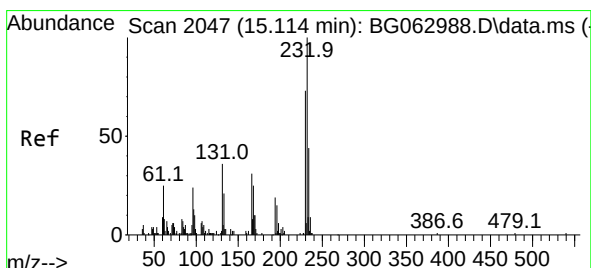
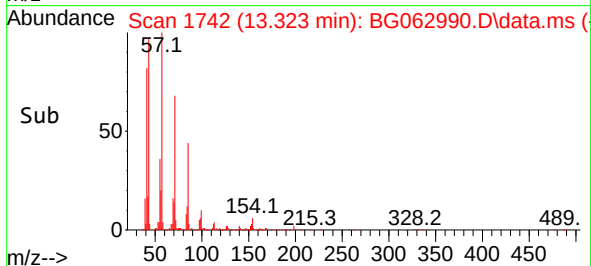
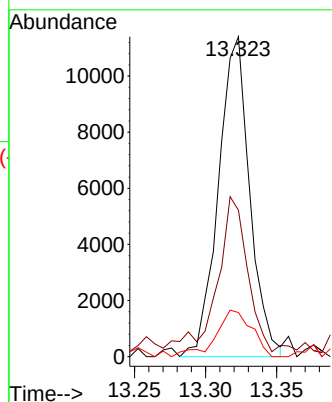
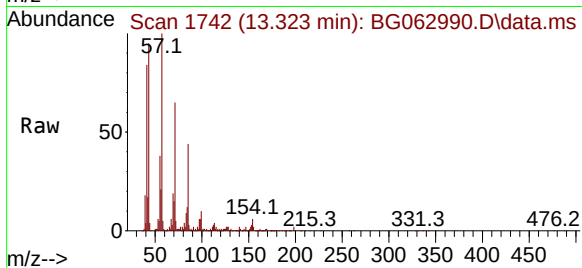
Tgt Ion:154 Resp: 17490

Ion Ratio Lower Upper

154 100

153 45.7 30.3 45.5#

76 13.8 11.9 17.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 135.850 ng/ul

RT: 15.127 min Scan# 2049

Delta R.T. 0.011 min

Lab File: BG062990.D

Acq: 23 Sep 2024 13:16

Tgt Ion:232 Resp: 256519

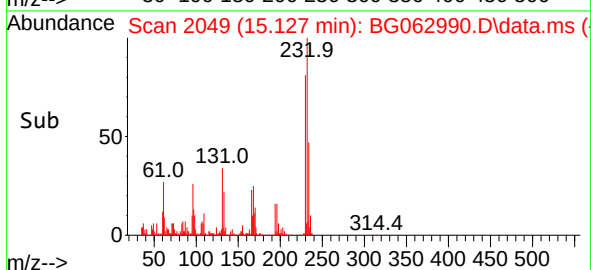
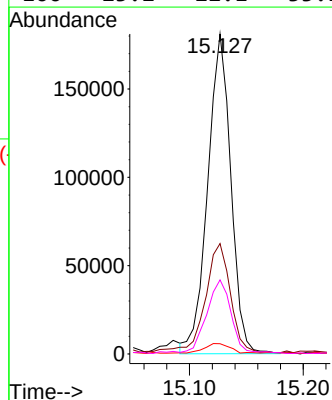
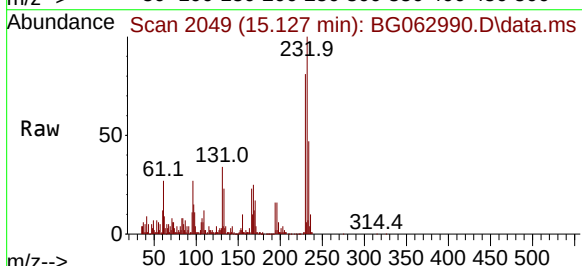
Ion Ratio Lower Upper

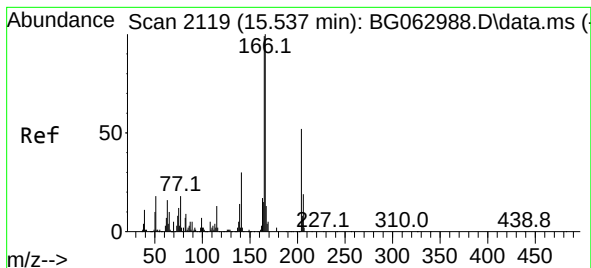
232 100

131 34.5 31.9 47.9

130 3.2 1.9 2.9#

166 23.2 22.1 33.1

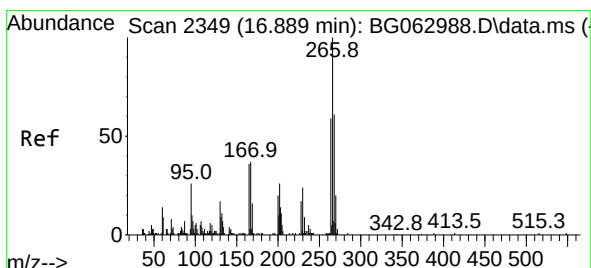
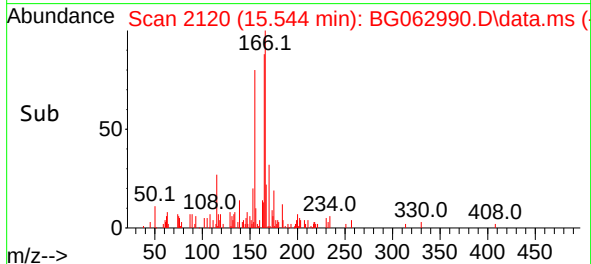
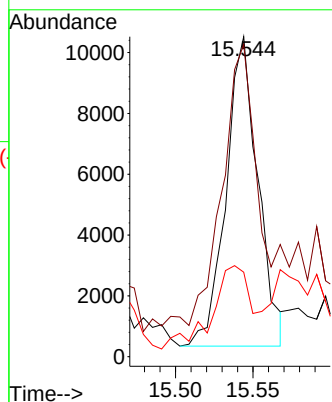
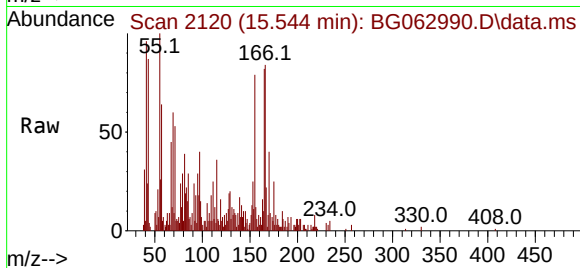




#61
Fluorene
Concen: 2.231 ng/ul
RT: 15.544 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG062990.D
Acq: 23 Sep 2024 13:16

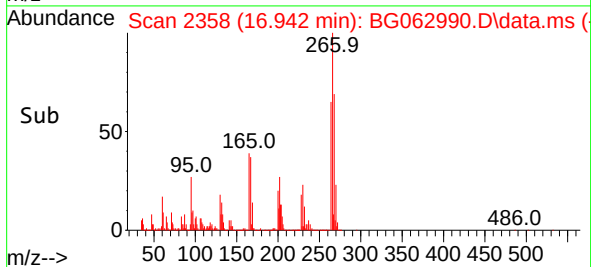
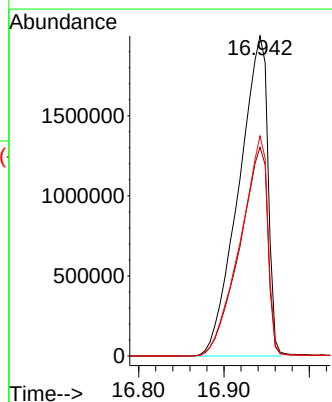
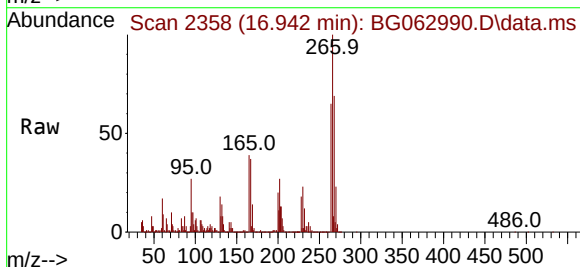
Instrument :
BNA_G
ClientSampleId :
DCVZ9ME

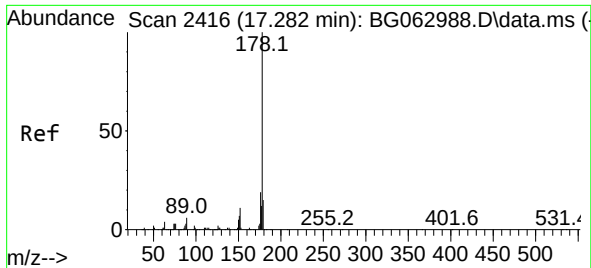
Tgt Ion:166 Resp: 14539
Ion Ratio Lower Upper
166 100
165 97.6 77.2 115.8
167 26.4 10.8 16.2#



#71
Pentachlorophenol
Concen: 2031.677 ng/ul
RT: 16.942 min Scan# 2358
Delta R.T. 0.052 min
Lab File: BG062990.D
Acq: 23 Sep 2024 13:16

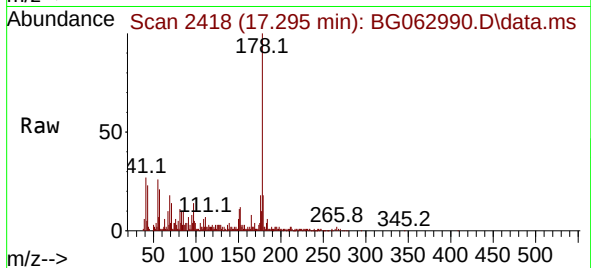
Tgt Ion:266 Resp: 4710707
Ion Ratio Lower Upper
266 100
264 65.2 43.0 64.4#
268 68.8 47.2 70.8





#72
 Phenanthrene
 Concen: 6.281 ng/ul
 RT: 17.295 min Scan# 2418
 Delta R.T. 0.017 min
 Lab File: BG062990.D
 Acq: 23 Sep 2024 13:16

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9ME



Tgt Ion:178 Resp: 105696
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.3 18.5
 176 17.7 15.5 23.3

