

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063017.D
 Acq On : 24 Sep 2024 7:38
 Operator : RC/JU
 Sample : P3879-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC73

Quant Time: Sep 24 08:23:02 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)

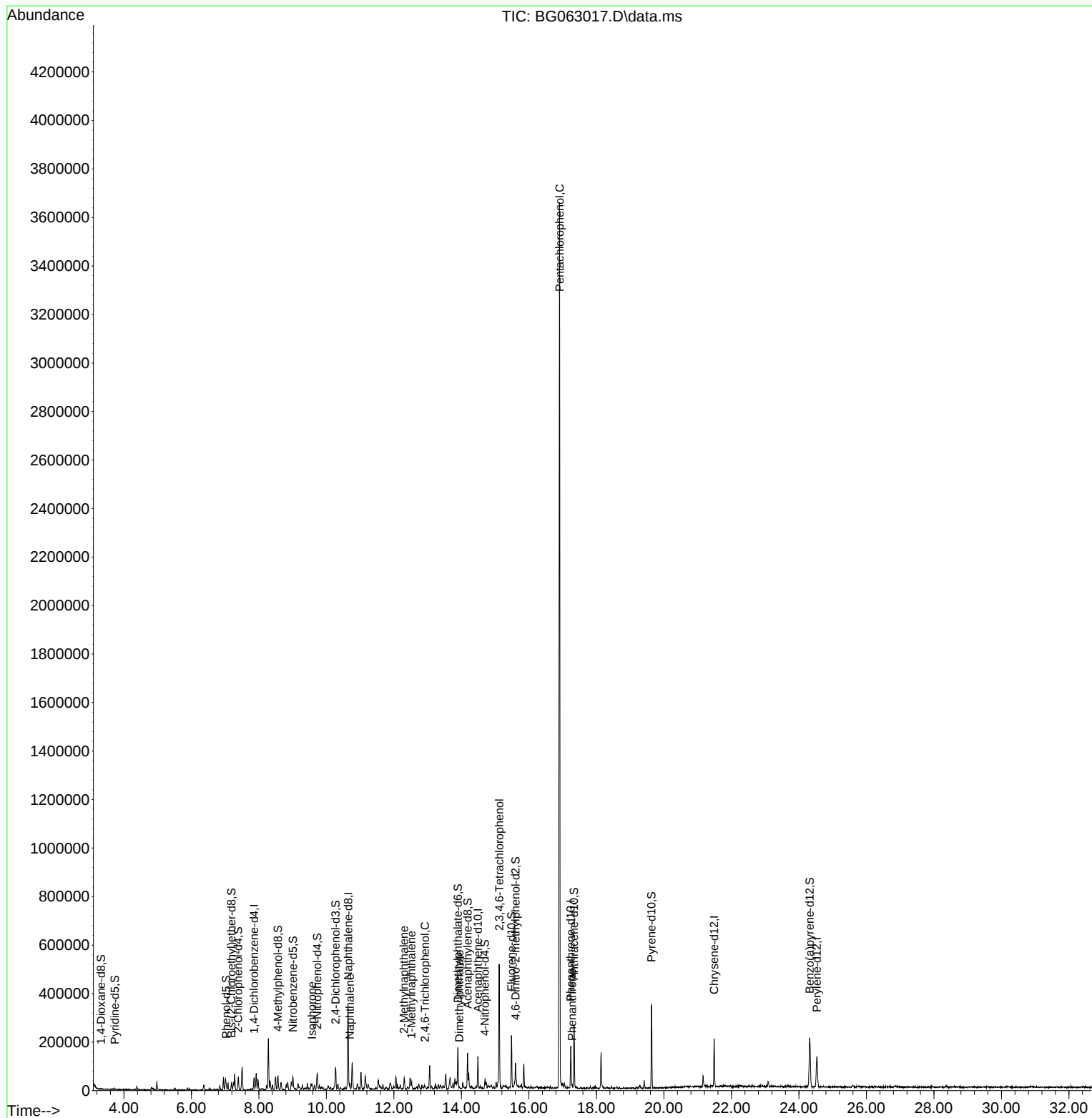
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	10610	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	45954	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.489	164	39092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	103276	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240	108916	20.000	ng/ul	# 0.00
88) Perylene-d12	24.530	264	136912	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	1329	3.669	ng/uL	0.00
4) Pyridine-d5	3.736	84	1244	1.265	ng/ul	0.00
7) Phenol-d5	7.027	99	8906	8.089	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.185	67	12297	19.959	ng/ul	0.00
11) 2-Chlorophenol-d4	7.385	132	17707	24.497	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	16040	19.888	ng/ul	0.00
21) Nitrobenzene-d5	9.007	128	8863	24.209	ng/ul	0.00
24) 2-Nitrophenol-d4	9.729	143	11676	28.112	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.276	165	25541	29.639	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	842	0.785	ng/ul	-0.02
46) Dimethylphthalate-d6	13.895	166	92329	31.761	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	84971	26.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.694	143	4133	8.872	ng/ul	0.00
60) Fluorene-d10	15.481	176	86161	31.832	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	22066	35.345	ng/ul	0.00
73) Anthracene-d10	17.338	188	144174	29.538	ng/ul	0.00
81) Pyrene-d10	19.630	212	205943	31.219	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.318	264	228675	31.670	ng/ul	0.00
Target Compounds						
					Qvalue	
23) Isophorone	9.571	82	7952	3.674	ng/ul#	93
30) Naphthalene	10.699	128	11537	4.522	ng/ul#	97
36) 2-Methylnaphthalene	12.303	142	15505	8.432	ng/ul	83
37) 1-Methylnaphthalene	12.520	142	9454	5.080	ng/ul	95
41) 2,4,6-Trichlorophenol	12.920	196	1857	2.151	ng/ul	86
47) Dimethylphthalate	13.936	163	5348	1.798	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.123	232	99308	121.677	ng/ul	91
71) Pentachlorophenol	16.909	266	728866	964.192	ng/ul	92
72) Phenanthrene	17.279	178	8310	1.515	ng/ul	97

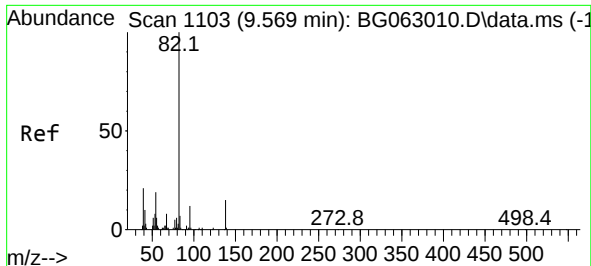
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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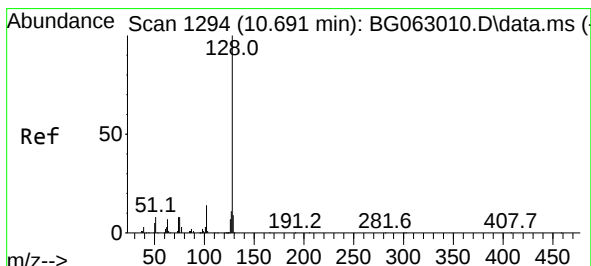
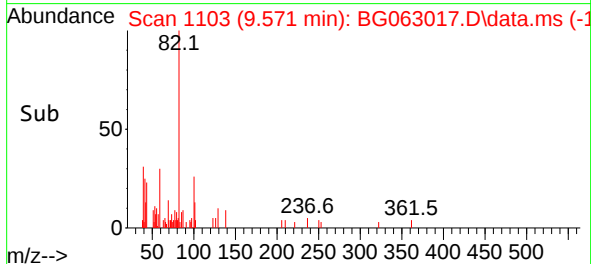
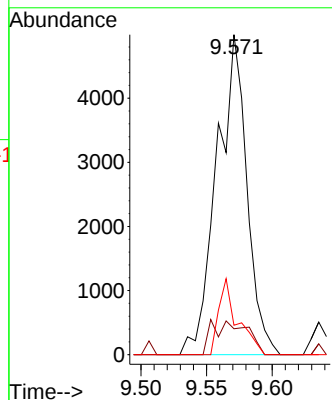
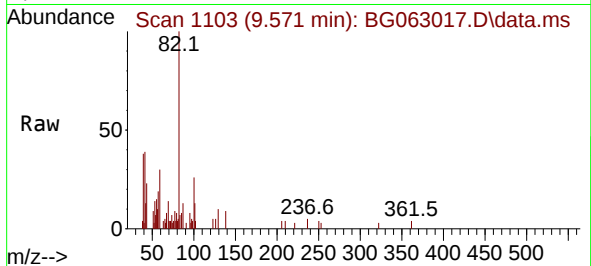




#23
Isophorone
Concen: 3.674 ng/ul
RT: 9.571 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

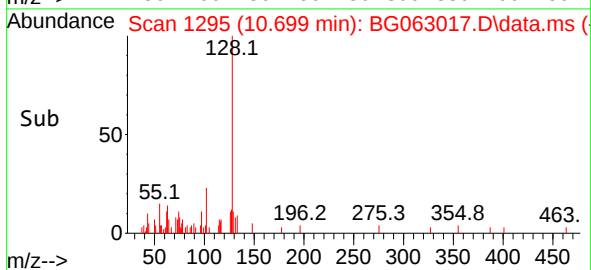
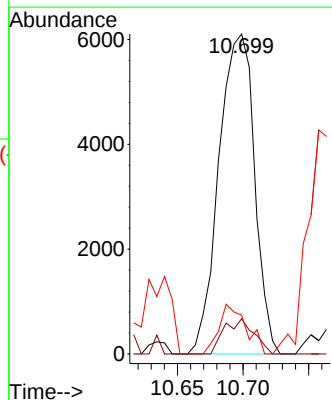
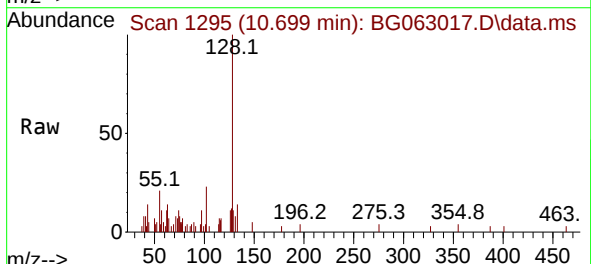
Instrument :
BNA_G
ClientSampleId :
DDC73

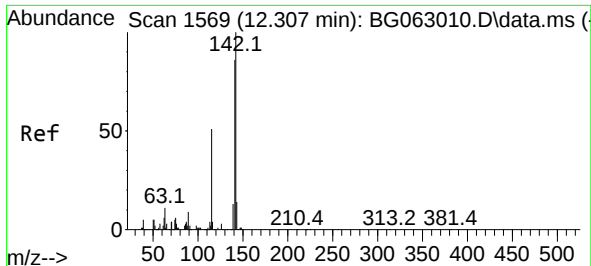
Tgt Ion: 82 Resp: 7952
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 9.2 10.9 16.3#



#30
Naphthalene
Concen: 4.522 ng/ul
RT: 10.699 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

Tgt Ion:128 Resp: 11537
Ion Ratio Lower Upper
128 100
129 11.0 7.1 10.7#
127 12.2 9.4 14.2

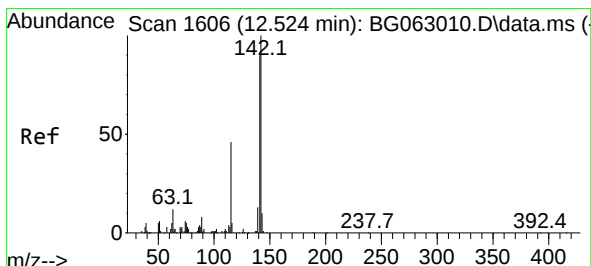
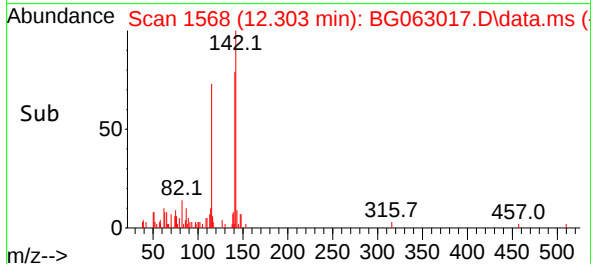
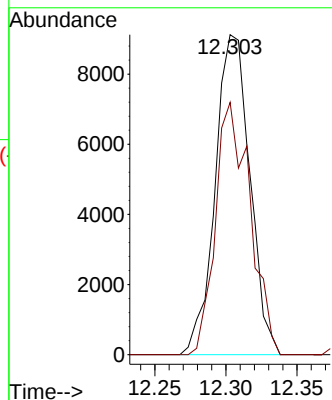
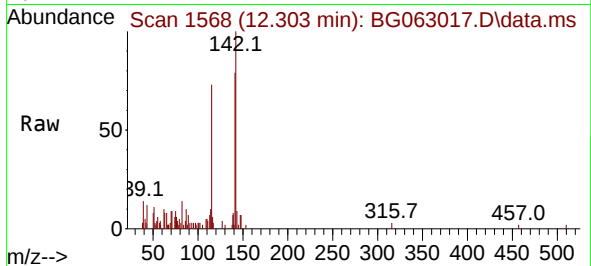




#36
2-Methylnaphthalene
Concen: 8.432 ng/ul
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

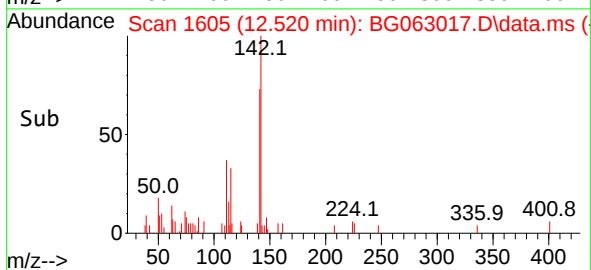
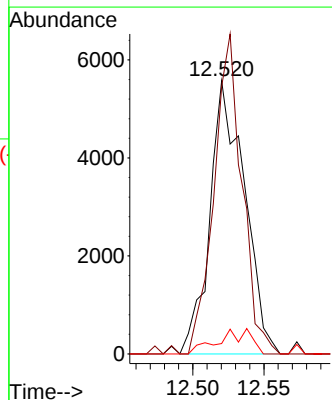
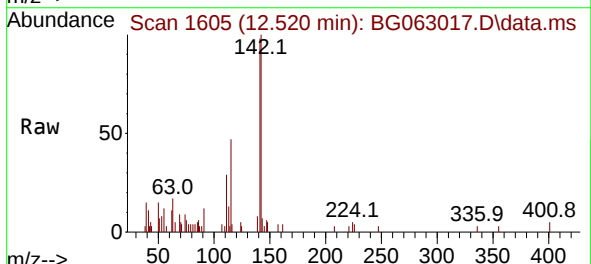
Instrument :
BNA_G
ClientSampleId :
DDC73

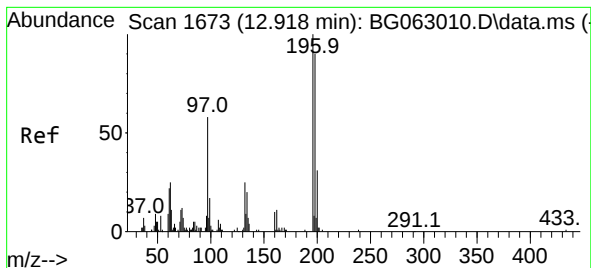
Tgt Ion:142 Resp: 15505
Ion Ratio Lower Upper
142 100
141 78.9 76.5 114.7



#37
1-Methylnaphthalene
Concen: 5.080 ng/ul
RT: 12.520 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

Tgt Ion:142 Resp: 9454
Ion Ratio Lower Upper
142 100
141 97.9 74.1 111.1
116 3.8 3.6 5.4





#41

2,4,6-Trichlorophenol

Concen: 2.151 ng/ul

RT: 12.920 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG063017.D

Acq: 24 Sep 2024 7:38

Instrument :

BNA_G

ClientSampleId :

DDC73

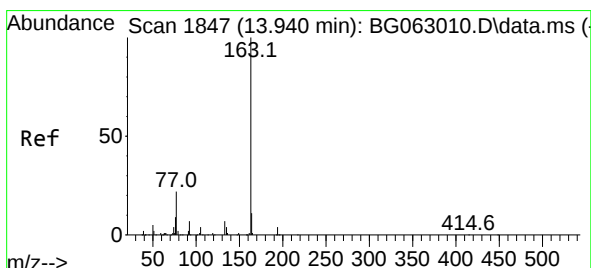
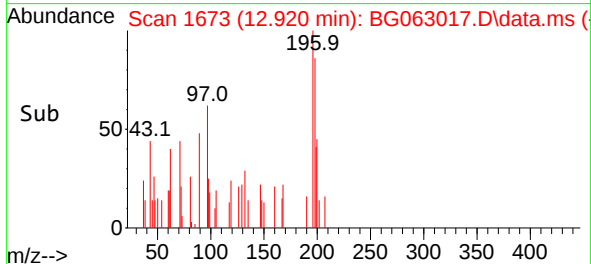
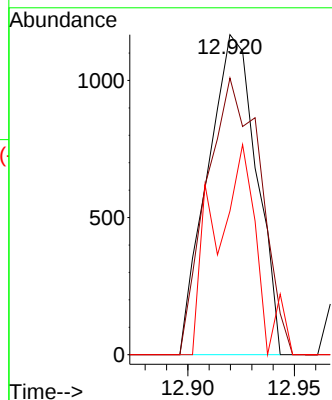
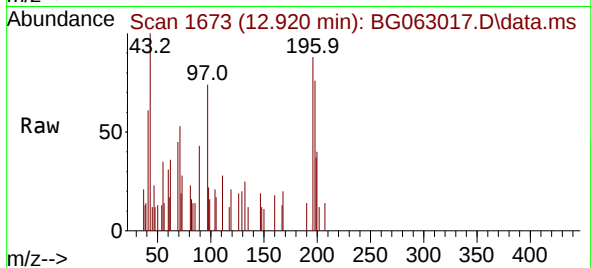
Tgt Ion:196 Resp: 1857

Ion Ratio Lower Upper

196 100

198 86.5 81.8 122.6

200 44.9 30.5 45.7



#47

Dimethylphthalate

Concen: 1.798 ng/ul

RT: 13.936 min Scan# 1846

Delta R.T. -0.004 min

Lab File: BG063017.D

Acq: 24 Sep 2024 7:38

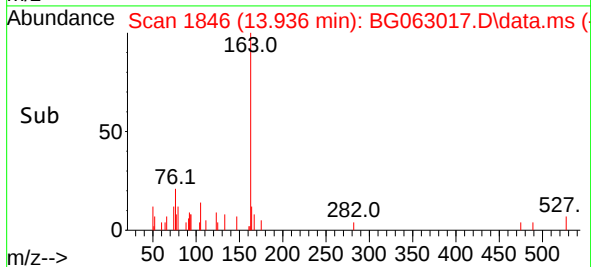
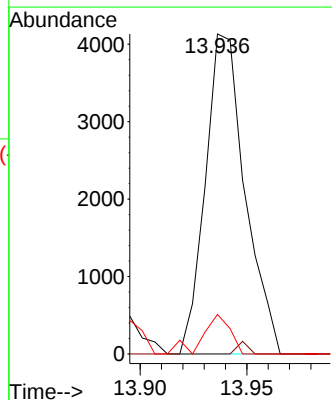
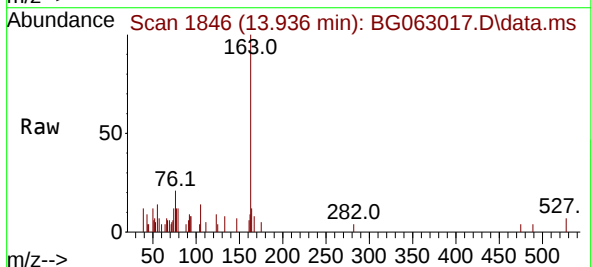
Tgt Ion:163 Resp: 5348

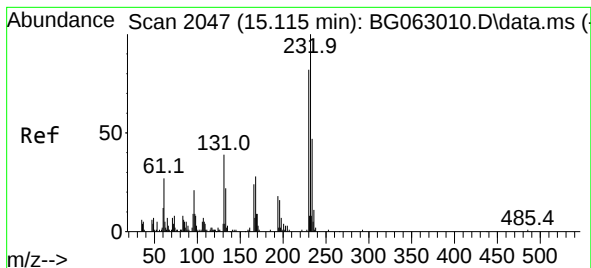
Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

164 12.4 8.2 12.4#

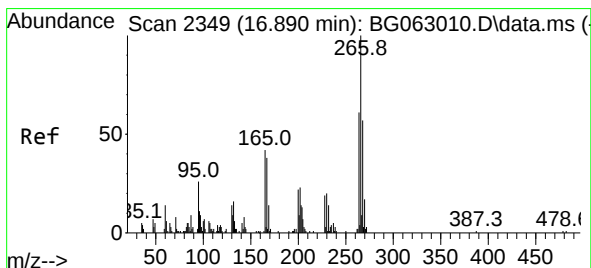
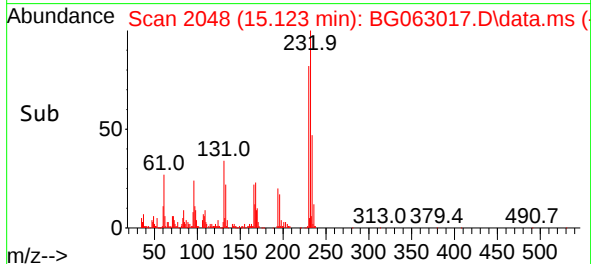
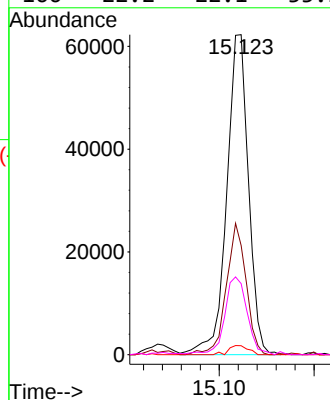
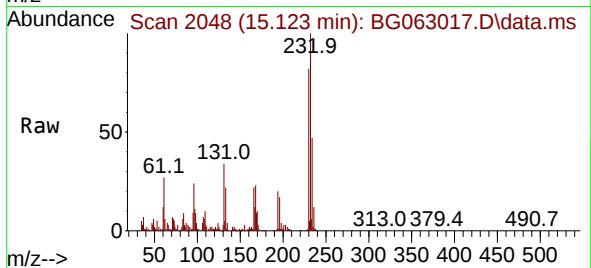




#58
2,3,4,6-Tetrachlorophenol
Concen: 121.677 ng/ul
RT: 15.123 min Scan# 2048
Delta R.T. 0.007 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

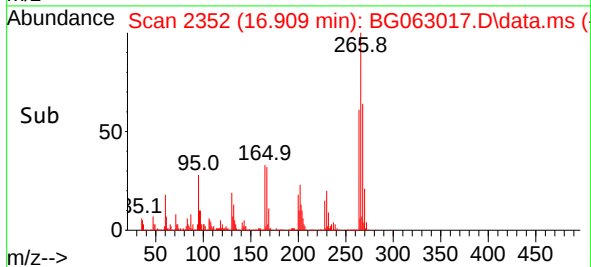
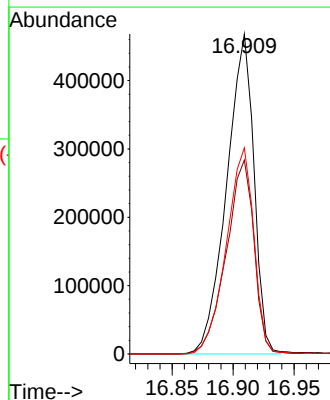
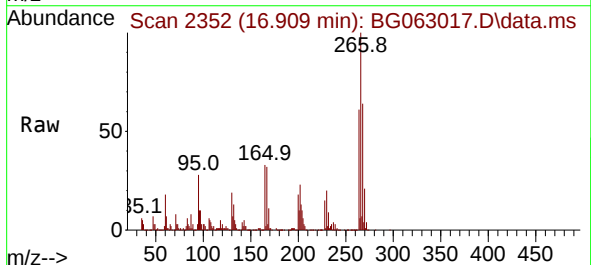
Instrument :
BNA_G
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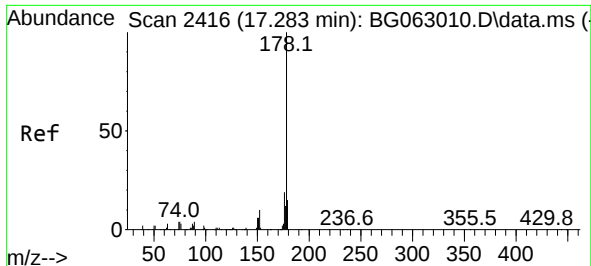
Tgt Ion:	232	Resp:	99308
Ion Ratio	Lower	Upper	
232	100		
131	34.1	31.9	47.9
130	2.8	1.9	2.9
166	22.2	22.1	33.1



#71
Pentachlorophenol
Concen: 964.192 ng/ul
RT: 16.909 min Scan# 2352
Delta R.T. 0.019 min
Lab File: BG063017.D
Acq: 24 Sep 2024 7:38

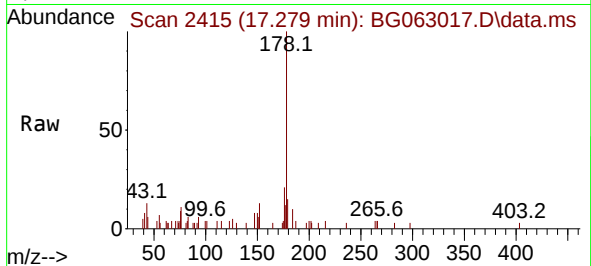
Tgt Ion:	266	Resp:	728866
Ion Ratio	Lower	Upper	
266	100		
264	60.6	43.0	64.4
268	64.4	47.2	70.8





#72
 Phenanthrene
 Concen: 1.515 ng/ul
 RT: 17.279 min Scan# 2415
 Delta R.T. 0.001 min
 Lab File: BG063017.D
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Tgt Ion:	178	Resp:	8310
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	21.5	15.5	23.3

