

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063087.D
 Acq On : 27 Sep 2024 23:44
 Operator : RC/JU
 Sample : P3910-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC32

Quant Time: Sep 28 00:47:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

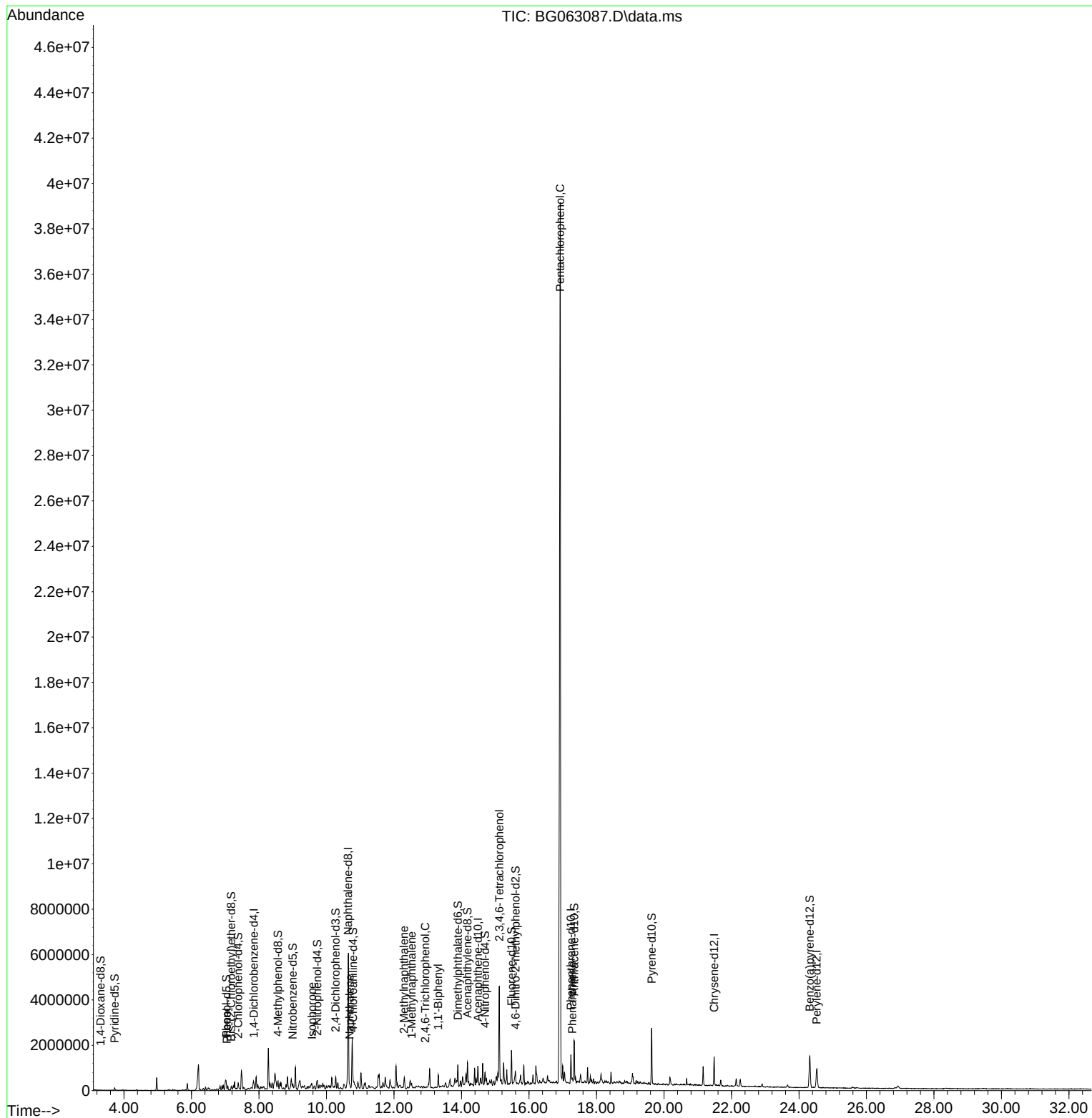
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	78361	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.639	136	319966	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.487	164	311260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.243	188	752947	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.485	240	785999	20.000	ng/ul	# 0.00
88) Perylene-d12	24.522	264	936685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6059	4.457	ng/uL	0.00
4) Pyridine-d5	3.723	84	76417	22.991	ng/ul	0.00
7) Phenol-d5	7.031	99	159335	32.921	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.178	67	57763	30.549	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	147313	30.977	ng/ul	0.00
15) 4-Methylphenol-d8	8.565	113	151569	34.690	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	70436	29.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	98207	32.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.274	165	209840	33.459	ng/ul	0.01
31) 4-Chloroaniline-d4	10.785	131	182023	24.735	ng/ul	0.01
46) Dimethylphthalate-d6	13.894	166	717313	28.985	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	790206	30.131	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	103667	27.774	ng/ul	0.00
60) Fluorene-d10	15.480	176	679508	29.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	138722	26.363	ng/ul	0.00
73) Anthracene-d10	17.337	188	1194207	33.058	ng/ul	0.00
81) Pyrene-d10	19.634	212	1467913	33.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.317	264	1650532	32.900	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.049	94	9055	1.859	ng/ul#	88
23) Isophorone	9.569	82	104207	12.149	ng/ul#	89
30) Naphthalene	10.691	128	95909	5.897	ng/ul#	94
36) 2-Methylnaphthalene	12.301	142	172337	13.063	ng/ul	95
37) 1-Methylnaphthalene	12.525	142	102850	7.713	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.924	196	9015	1.296	ng/ul#	83
43) 1,1'-Biphenyl	13.312	154	21293	1.033	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.122	232	1049045	128.435	ng/ul#	96
71) Pentachlorophenol	16.925	266	8788788	1371.856	ng/ul	85
72) Phenanthrene	17.284	178	112012	2.886	ng/ul#	95

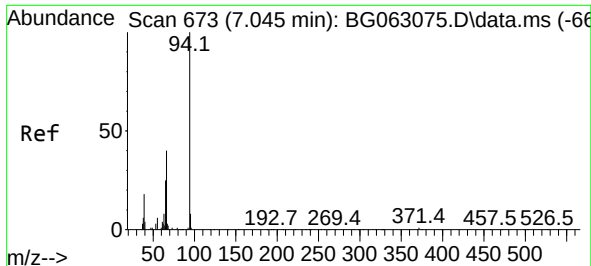
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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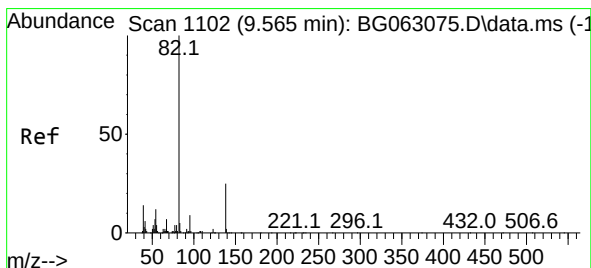
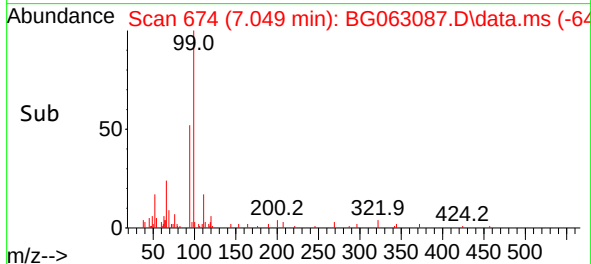
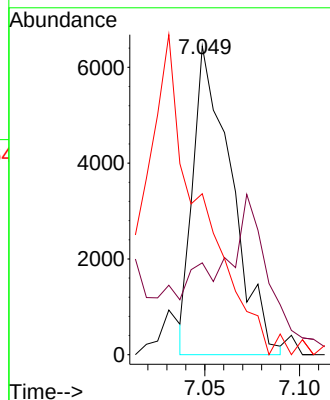
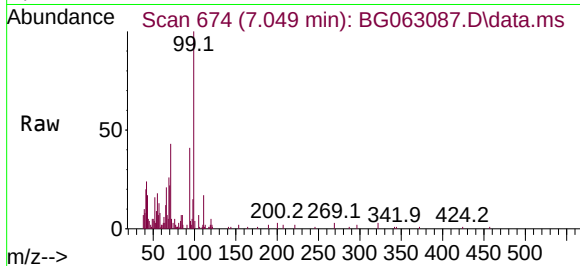




#8
Phenol
Concen: 1.859 ng/ul
RT: 7.049 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

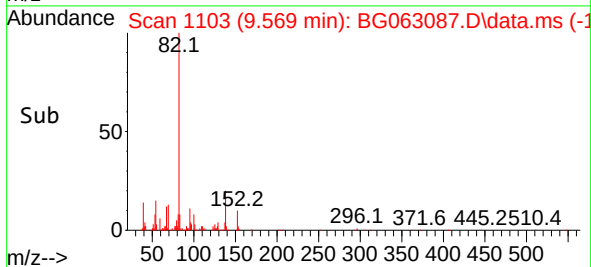
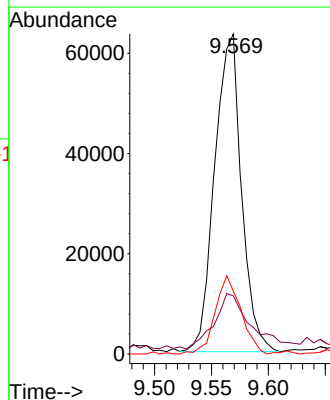
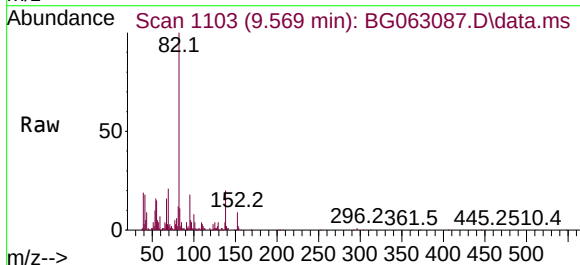
Instrument :
BNA_G
ClientSampleId :
DDC32

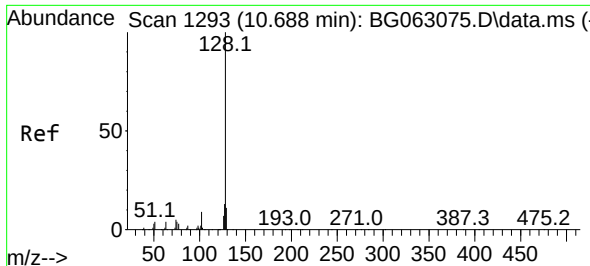
Tgt Ion: 94 Resp: 9055
Ion Ratio Lower Upper
94 100
65 29.8 20.1 30.1
66 52.1 34.6 51.8#



#23
Isophorone
Concen: 12.149 ng/ul
RT: 9.569 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

Tgt Ion: 82 Resp: 104207
Ion Ratio Lower Upper
82 100
95 18.1 10.0 15.0#
138 19.6 19.5 29.3

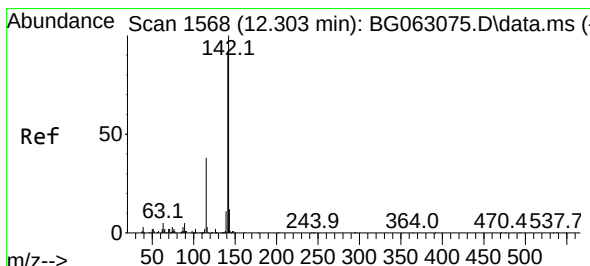
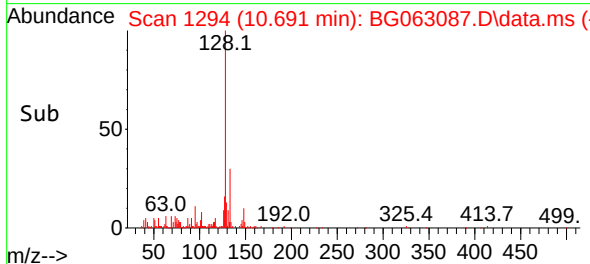
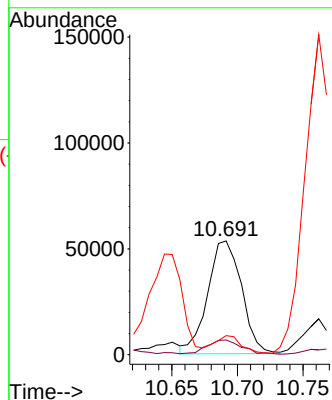
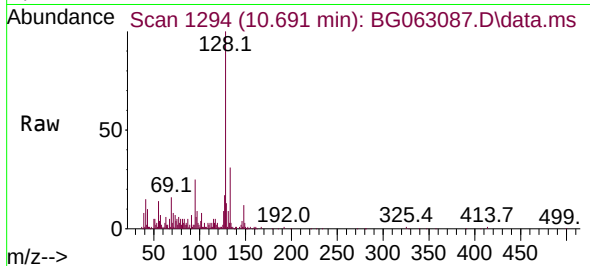




#30
Naphthalene
Concen: 5.897 ng/ul
RT: 10.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

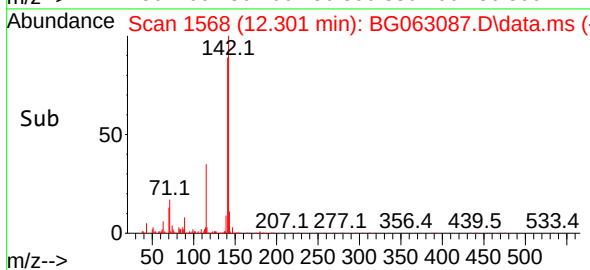
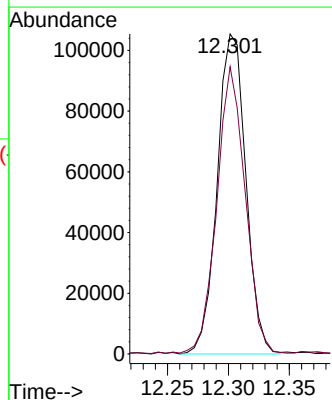
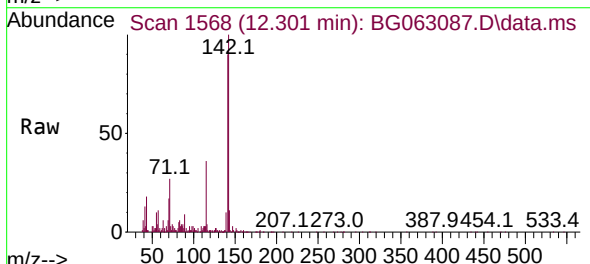
Instrument :
BNA_G
ClientSampleId :
DDC32

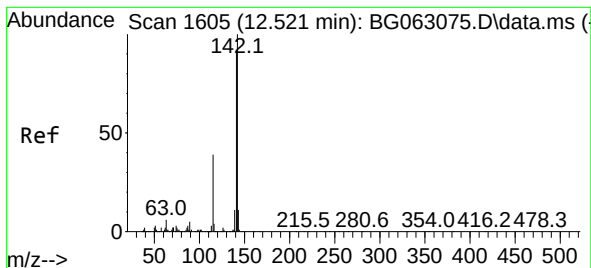
Tgt Ion:128 Resp: 95909
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 16.7 10.7 16.1#



#36
2-Methylnaphthalene
Concen: 13.063 ng/ul
RT: 12.301 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

Tgt Ion:142 Resp: 172337
Ion Ratio Lower Upper
142 100
141 89.7 75.8 113.8





#37

1-Methylnaphthalene

Concen: 7.713 ng/ul

RT: 12.525 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063087.D

Acq: 27 Sep 2024 23:44

Instrument :

BNA_G

ClientSampleId :

DDC32

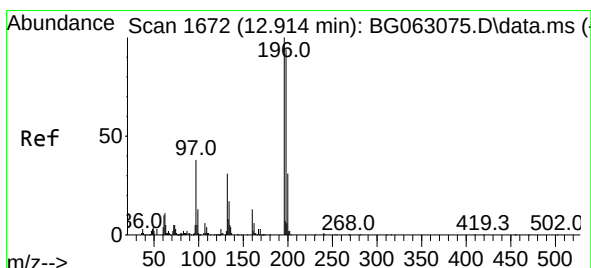
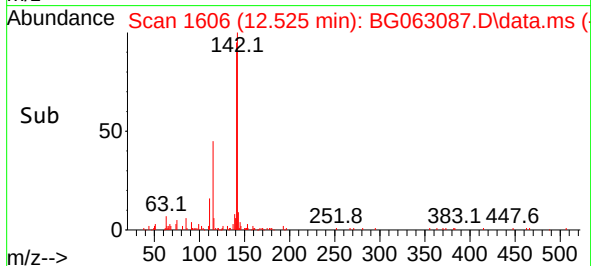
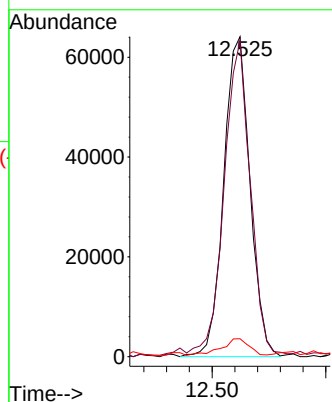
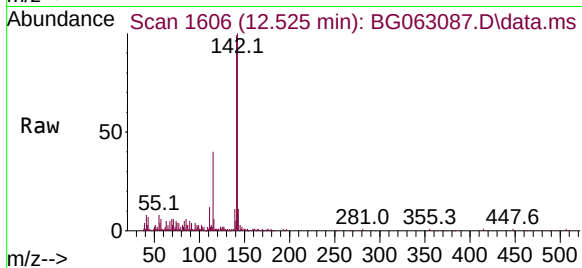
Tgt Ion:142 Resp: 102850

Ion Ratio Lower Upper

142 100

141 98.8 73.4 110.0

116 5.6 3.0 4.6#



#41

2,4,6-Trichlorophenol

Concen: 1.296 ng/ul

RT: 12.924 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BG063087.D

Acq: 27 Sep 2024 23:44

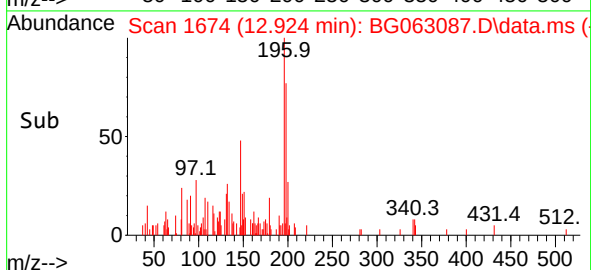
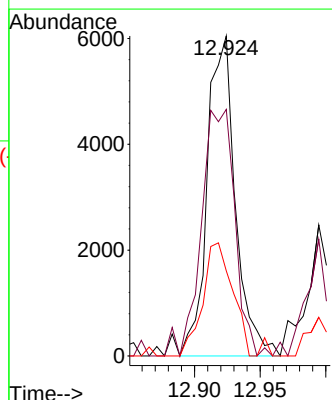
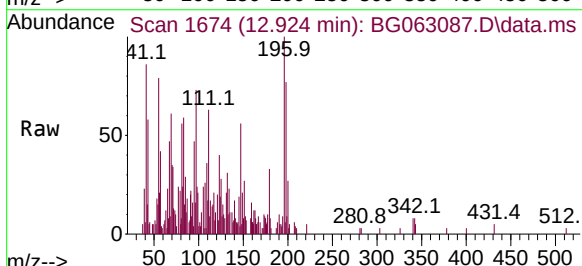
Tgt Ion:196 Resp: 9015

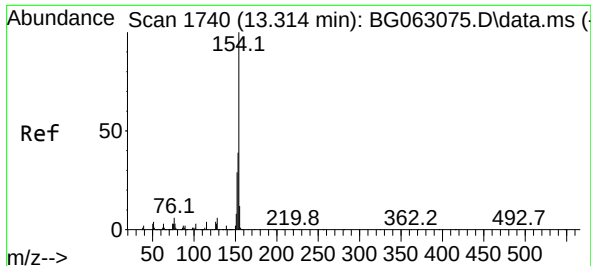
Ion Ratio Lower Upper

196 100

198 77.0 77.6 116.4#

200 26.6 25.1 37.7

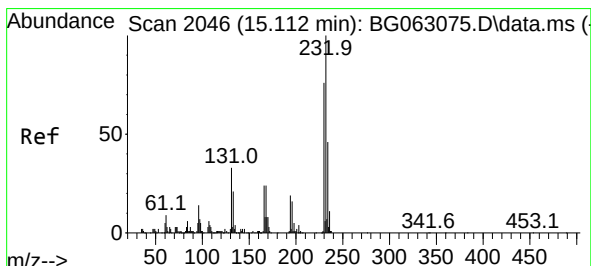
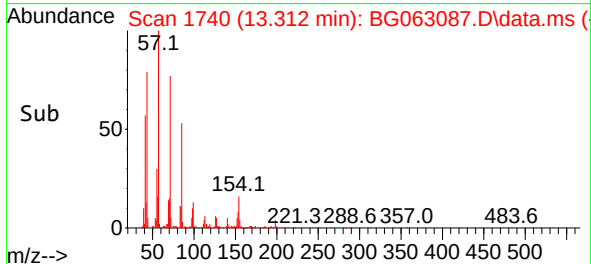
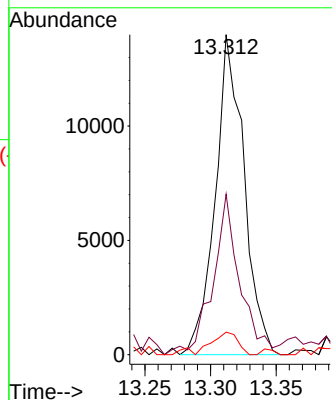
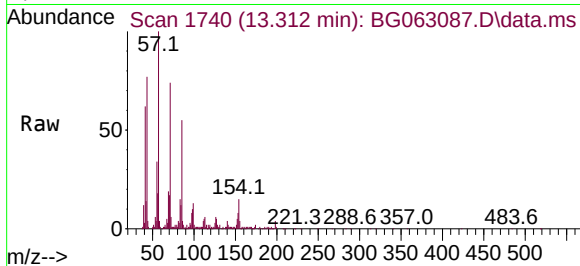




#43
1,1'-Biphenyl
Concen: 1.033 ng/ul
RT: 13.312 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

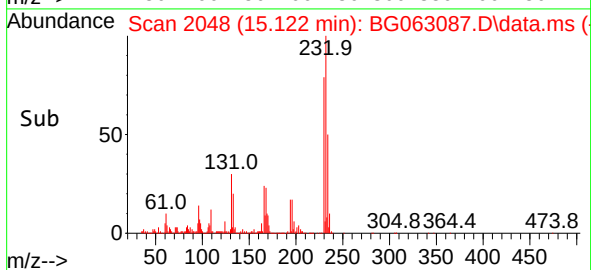
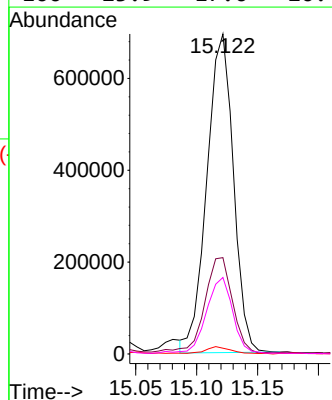
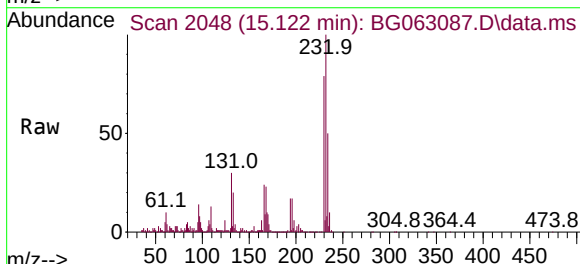
Instrument :
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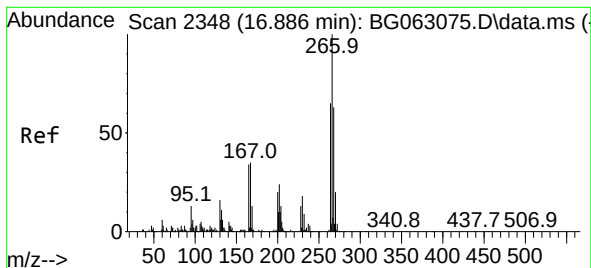
Tgt Ion:154 Resp: 21293
Ion Ratio Lower Upper
154 100
153 50.1 32.6 48.8#
76 7.1 4.1 6.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 128.435 ng/ul
RT: 15.122 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BG063087.D
Acq: 27 Sep 2024 23:44

Tgt Ion:232 Resp: 1049045
Ion Ratio Lower Upper
232 100
131 30.1 25.8 38.6
130 1.8 1.9 2.9#
166 23.9 17.6 26.4





#71

Pentachlorophenol

Concen: 1371.856 ng/ul

RT: 16.925 min Scan# 21

Delta R.T. 0.036 min

Lab File: BG063087.D

Acq: 27 Sep 2024 23:44

Instrument :

BNA_G

ClientSampleId :

DDC32

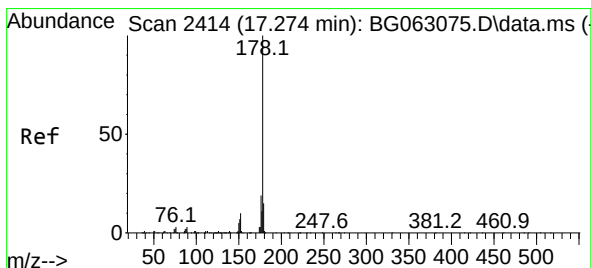
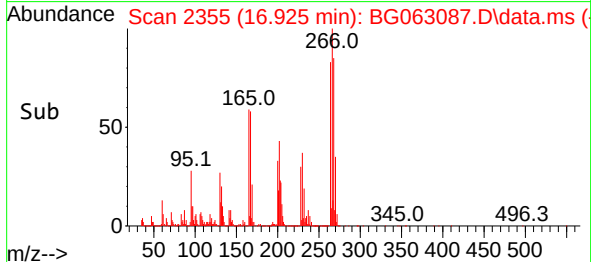
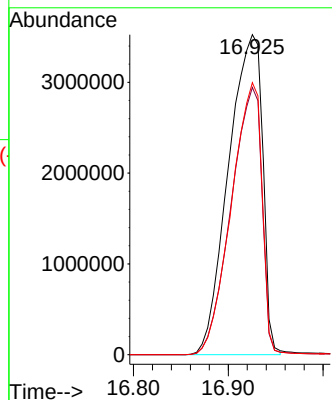
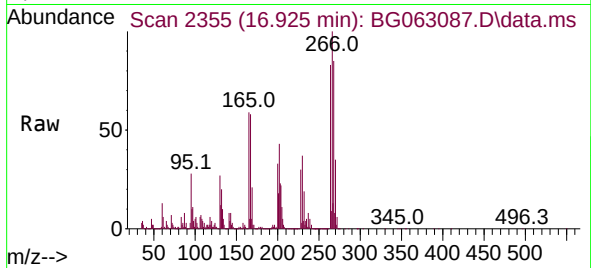
Tgt Ion:266 Resp: 8788788

Ion Ratio Lower Upper

266 100

264 83.5 57.7 86.5

268 85.0 57.3 85.9



#72

Phenanthrene

Concen: 2.886 ng/ul

RT: 17.284 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BG063087.D

Acq: 27 Sep 2024 23:44

Tgt Ion:178 Resp: 112012

Ion Ratio Lower Upper

178 100

179 19.0 12.2 18.4#

176 17.7 14.9 22.3

