

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056890.D
 Acq On : 8 Mar 2023 21:17
 Operator : CG/JU
 Sample : 01784-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAD9

Quant Time: Mar 09 00:01:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

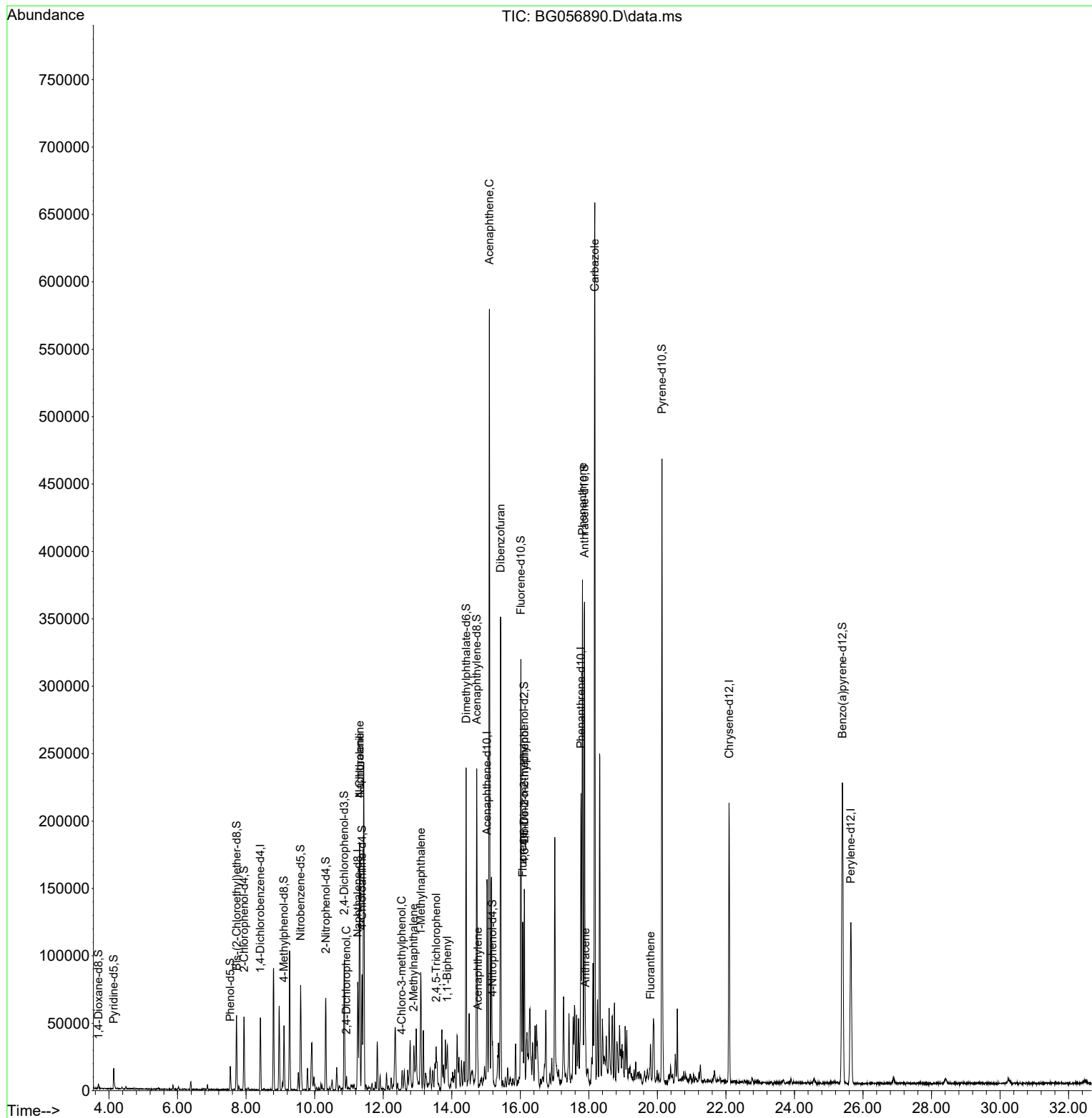
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	14702	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	62171	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.030	164	51447	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.774	188	131935	20.000	ng/ul	0.00
79) Chrysene-d12	22.093	240	136704	20.000	ng/ul	0.00
88) Perylene-d12	25.642	264	150734	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	1664	4.389	ng/uL	0.00
4) Pyridine-d5	4.137	84	8404	6.814	ng/ul	0.00
7) Phenol-d5	7.539	99	9383	6.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	28131	29.722	ng/ul	0.00
11) 2-Chlorophenol-d4	7.939	132	23244	24.647	ng/ul	0.00
15) 4-Methylphenol-d8	9.102	113	16591	14.592	ng/ul	0.00
21) Nitrobenzene-d5	9.590	128	16479	31.958	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	18582	30.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.865	165	32486	27.493	ng/ul	0.00
31) 4-Chloroaniline-d4	11.382	131	29688	19.068	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	143667	32.647	ng/ul	0.00
49) Acenaphthylene-d8	14.731	160	145295	30.071	ng/ul	0.00
54) 4-Nitrophenol-d4	15.189	143	4779	6.409	ng/ul	0.00
60) Fluorene-d10	16.017	176	125950	30.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	30867	32.372	ng/ul	0.00
73) Anthracene-d10	17.874	188	208976	32.772	ng/ul	0.00
81) Pyrene-d10	20.136	212	269271	32.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.401	264	270766	32.806	ng/ul	0.00
Target Compounds						
					Qvalue	
29) 2,4-Dichlorophenol	10.923	162	4050	3.555	ng/ul#	86
30) Naphthalene	11.311	128	139584	40.645	ng/ul	98
32) 4-Chloroaniline	11.311	127	17749	11.635	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.539	107	1404	1.062	ng/ul#	22
36) 2-Methylnaphthalene	12.886	142	2746	1.112	ng/ul	91
37) 1-Methylnaphthalene	13.103	142	32134	13.019	ng/ul	96
42) 2,4,5-Trichlorophenol	13.544	196	1481	1.075	ng/ul	92
43) 1,1'-Biphenyl	13.867	154	8412	2.183	ng/ul	94
50) Acenaphthylene	14.760	152	10581	2.167	ng/ul#	86
52) Acenaphthene	15.101	153	240185	70.328	ng/ul	97
56) Dibenzofuran	15.424	168	216538	41.477	ng/ul	98
61) Fluorene	16.070	166	49149	11.822	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.123	198	3764	4.125	ng/ul#	28
72) Phenanthrene	17.815	178	198950	28.020	ng/ul	98
74) Anthracene	17.904	178	19707	2.725	ng/ul	96
77) Carbazole	18.174	167	428021	69.731	ng/ul	99
80) Fluoranthene	19.801	202	17584	1.772	ng/ul	98

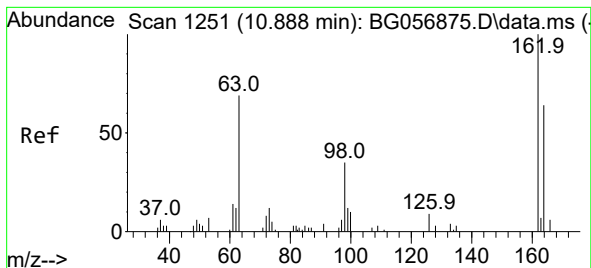
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

2,4-Dichlorophenol

Concen: 3.555 ng/ul

RT: 10.923 min Scan# 1257

Delta R.T. 0.036 min

Lab File: BG056890.D

Acq: 8 Mar 2023 21:17

Instrument :

BNA_G

ClientSampleId :

DCAD9

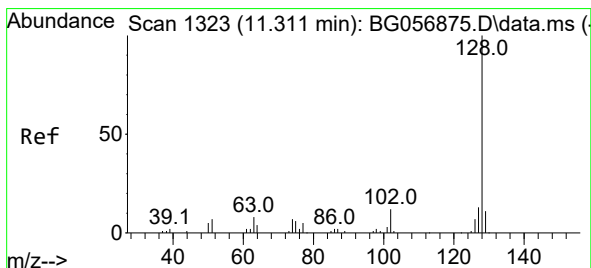
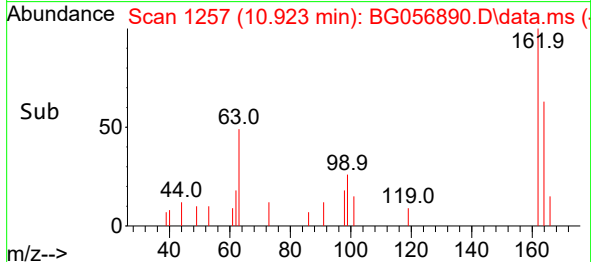
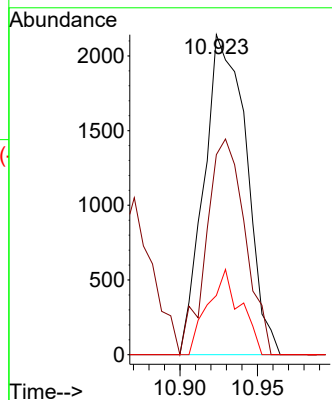
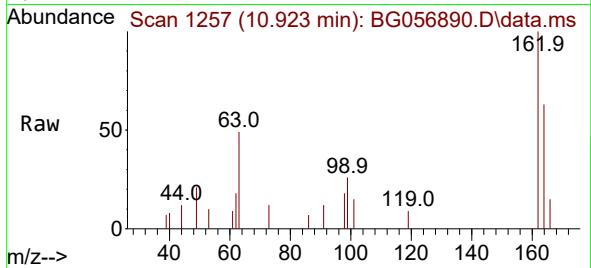
Tgt Ion:162 Resp: 4050

Ion Ratio Lower Upper

162 100

164 62.5 53.7 80.5

98 18.5 28.7 43.1#



#30

Naphthalene

Concen: 40.645 ng/ul

RT: 11.311 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BG056890.D

Acq: 8 Mar 2023 21:17

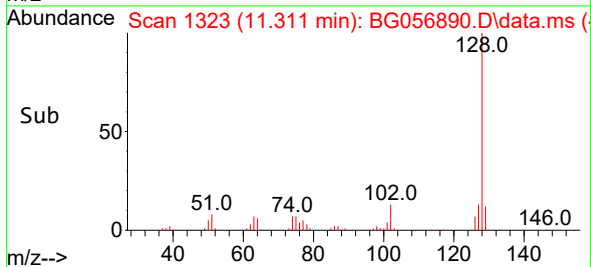
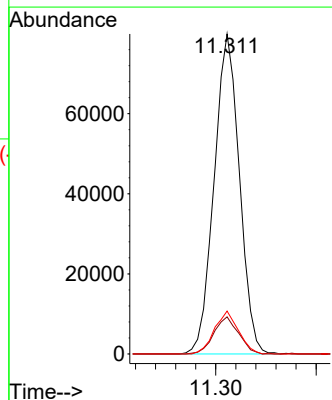
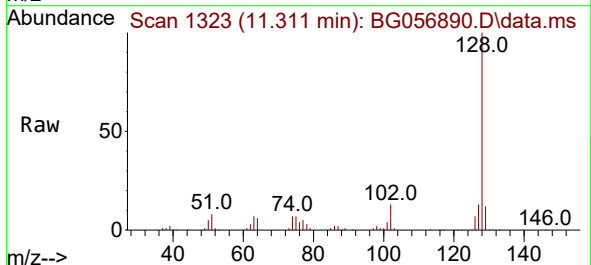
Tgt Ion:128 Resp: 139584

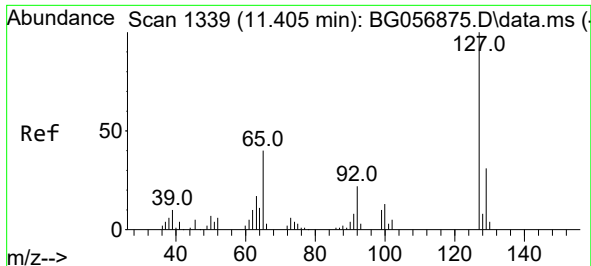
Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

127 13.4 11.8 17.6

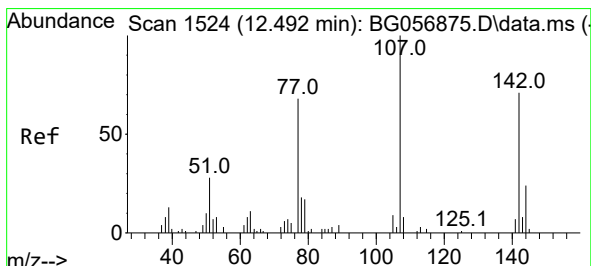
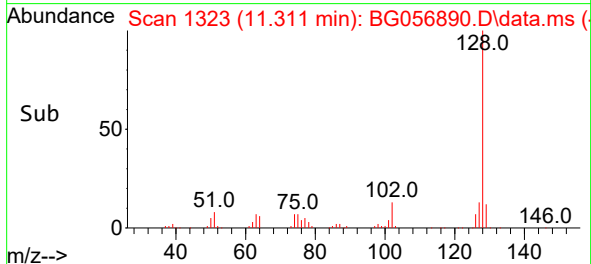
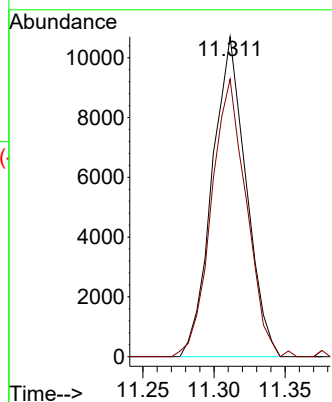
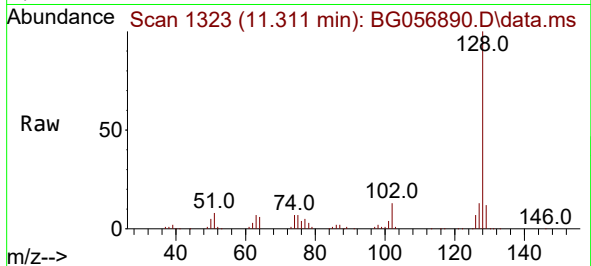




#32
4-Chloroaniline
Concen: 11.635 ng/ul
RT: 11.311 min Scan# 11
Delta R.T. -0.094 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

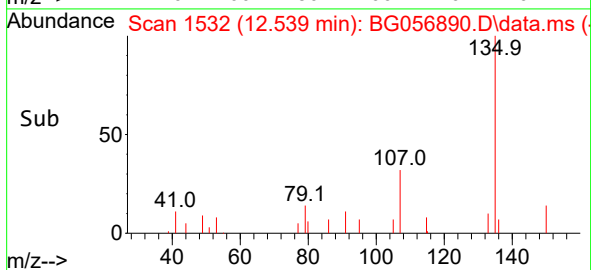
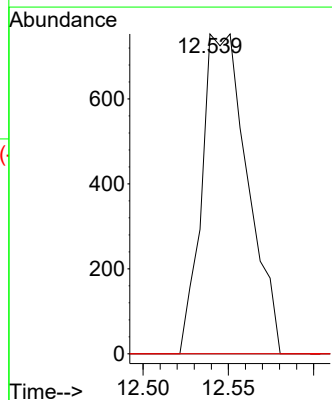
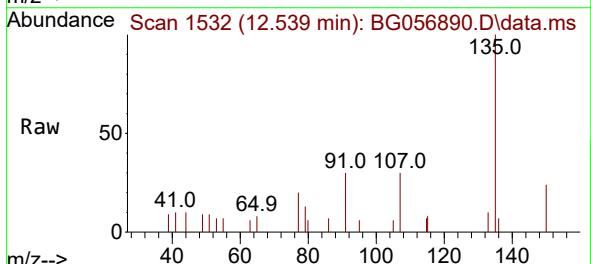
Instrument :
BNA_G
ClientSampleId :
DCAD9

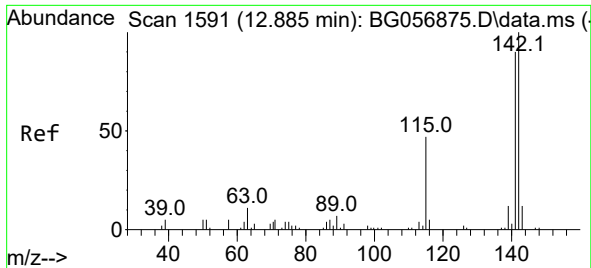
Tgt Ion:127 Resp: 17749
Ion Ratio Lower Upper
127 100
129 86.7 25.1 37.7#



#35
4-Chloro-3-methylphenol
Concen: 1.062 ng/ul
RT: 12.539 min Scan# 1532
Delta R.T. 0.047 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:107 Resp: 1404
Ion Ratio Lower Upper
107 100
144 0.0 20.6 30.8#
142 0.0 59.0 88.4#

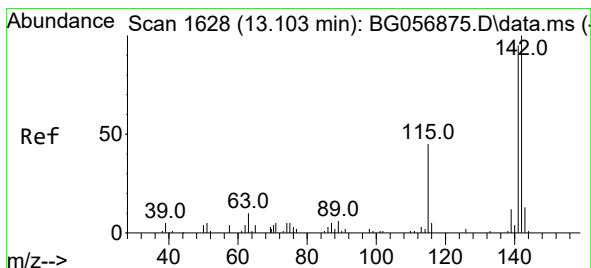
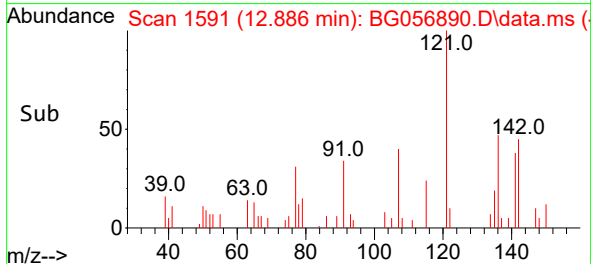
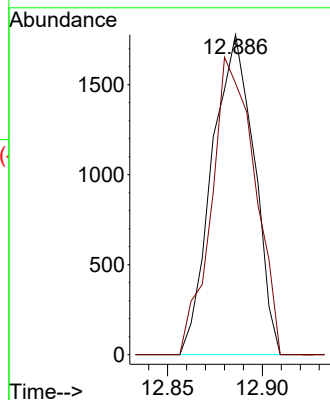
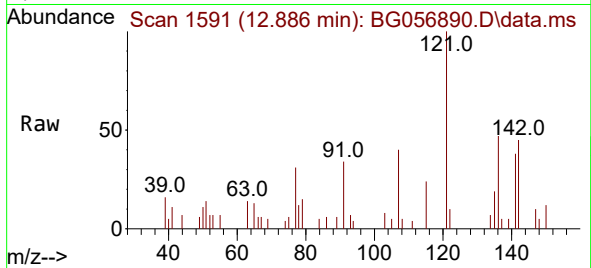




#36
2-Methylnaphthalene
Concen: 1.112 ng/ul
RT: 12.886 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

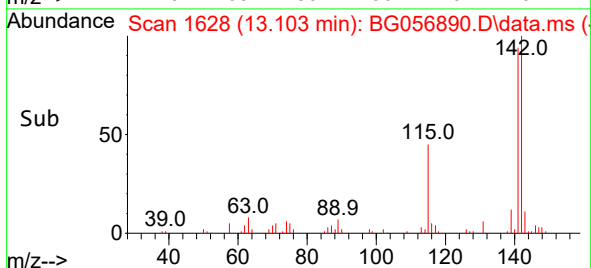
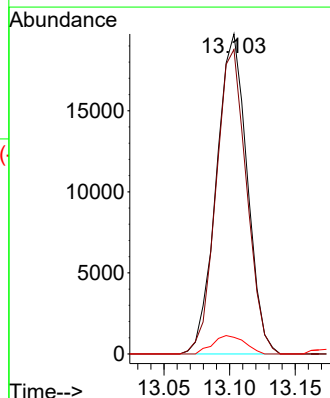
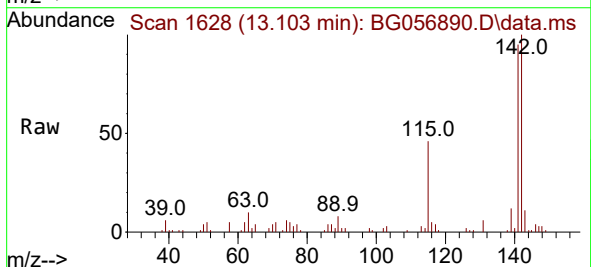
Instrument :
BNA_G
ClientSampleId :
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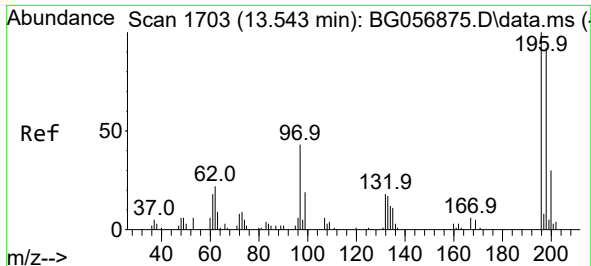
Tgt Ion:142 Resp: 2746
Ion Ratio Lower Upper
142 100
141 84.8 74.6 111.8



#37
1-Methylnaphthalene
Concen: 13.019 ng/ul
RT: 13.103 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:142 Resp: 32134
Ion Ratio Lower Upper
142 100
141 95.1 73.0 109.4
116 5.2 4.6 7.0

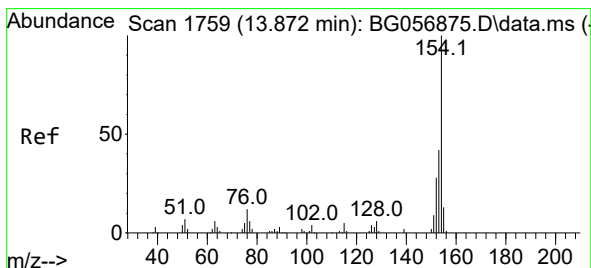
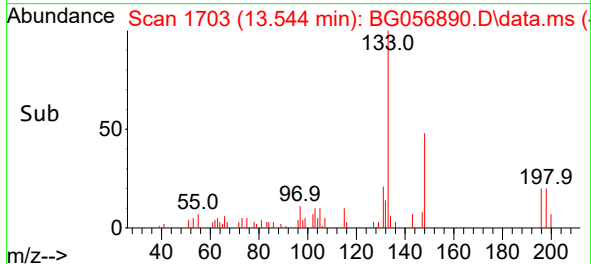
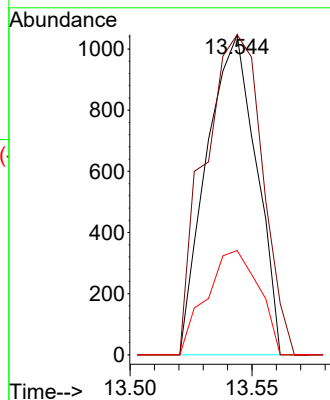
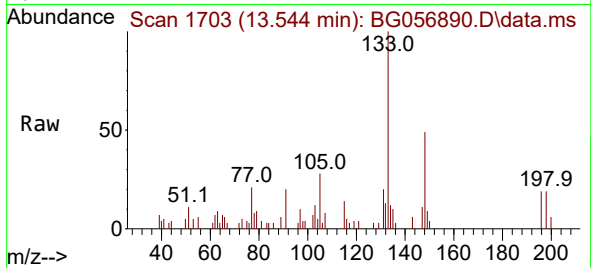




#42
2,4,5-Trichlorophenol
Concen: 1.075 ng/ul
RT: 13.544 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

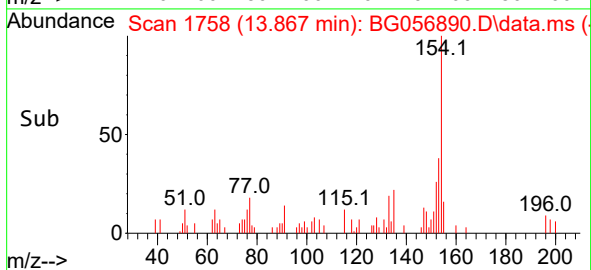
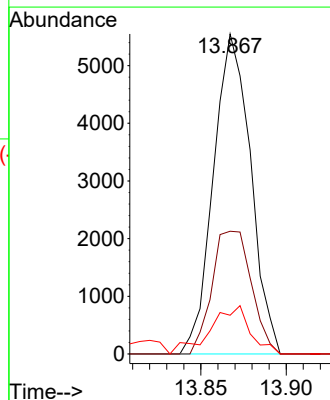
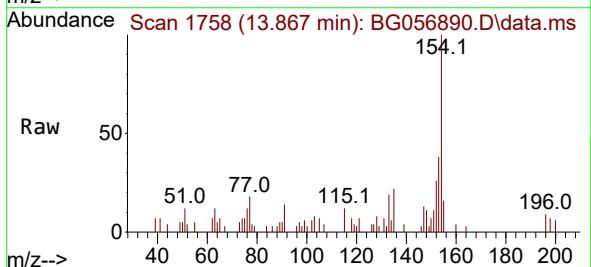
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ClientSampleId :
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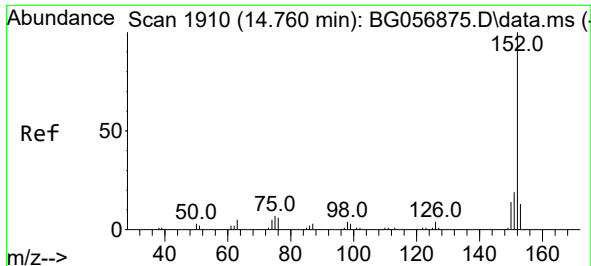
Tgt Ion:196 Resp: 1481
Ion Ratio Lower Upper
196 100
198 100.1 72.7 109.1
200 32.6 24.4 36.6



#43
1,1'-Biphenyl
Concen: 2.183 ng/ul
RT: 13.867 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:154 Resp: 8412
Ion Ratio Lower Upper
154 100
153 38.4 34.2 51.4
76 12.1 9.2 13.8

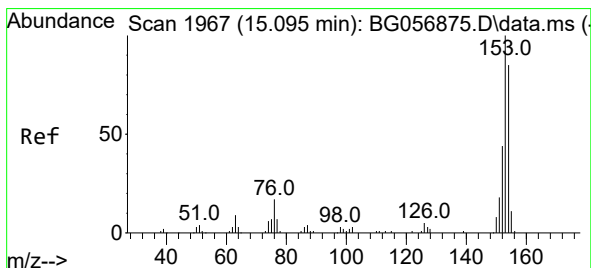
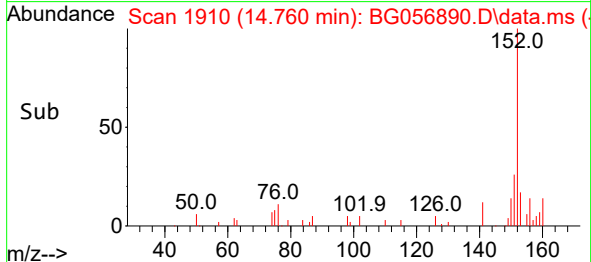
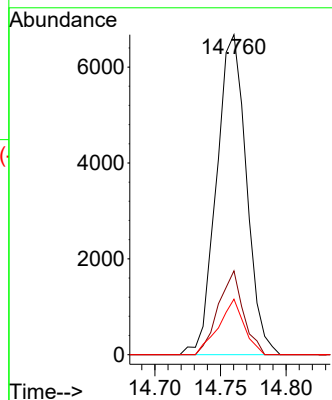
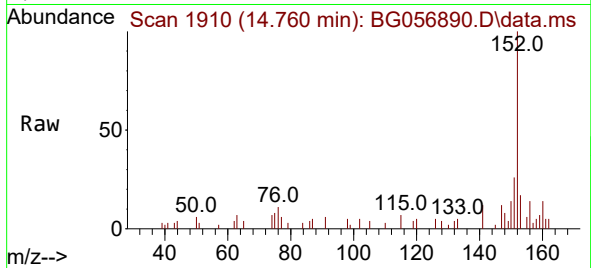




#50
Acenaphthylene
Concen: 2.167 ng/ul
RT: 14.760 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

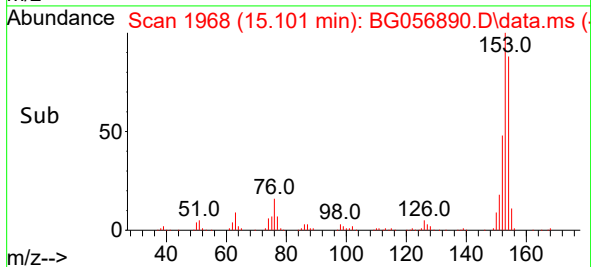
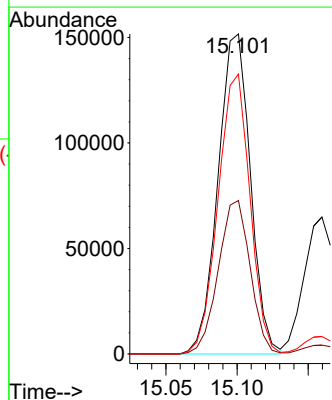
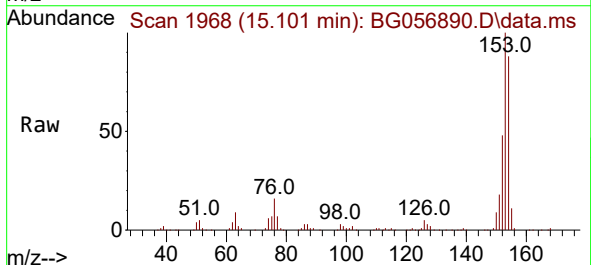
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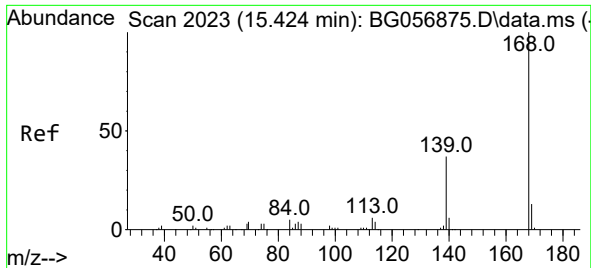
Tgt Ion:152 Resp: 10581
Ion Ratio Lower Upper
152 100
151 26.2 15.2 22.8#
153 17.4 10.6 16.0#



#52
Acenaphthene
Concen: 70.328 ng/ul
RT: 15.101 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:153 Resp: 240185
Ion Ratio Lower Upper
153 100
152 48.0 40.5 60.7
154 87.5 67.8 101.8

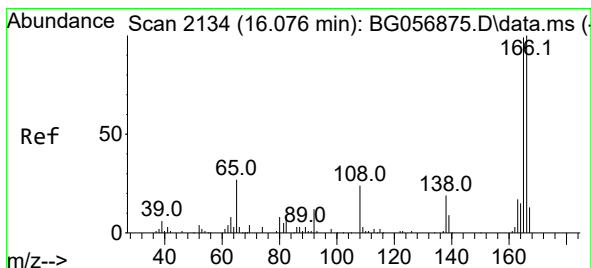
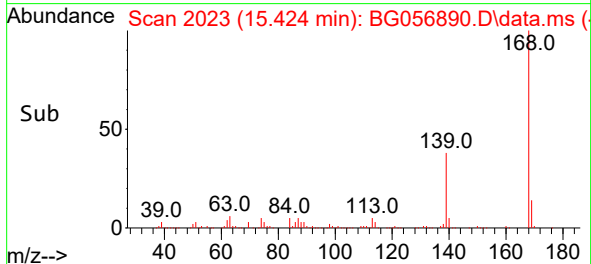
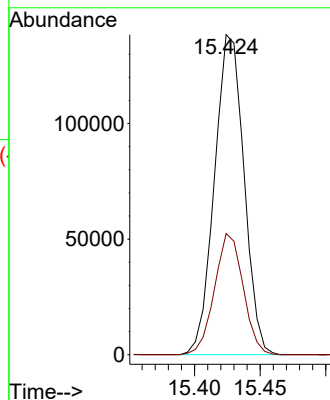
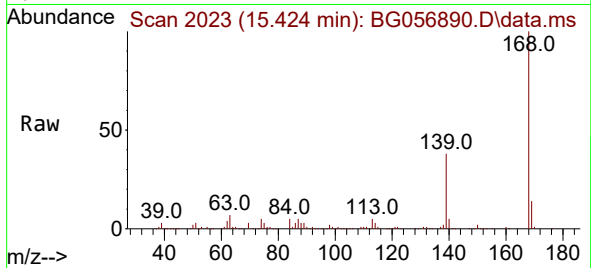




#56
Dibenzo(furan)
Concen: 41.477 ng/ul
RT: 15.424 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

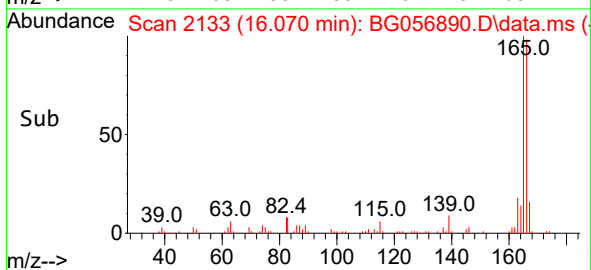
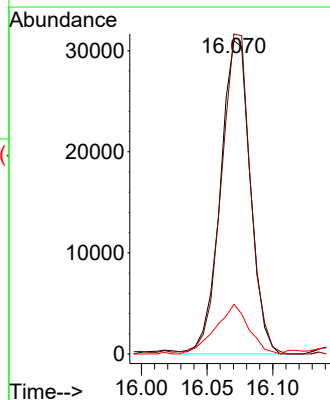
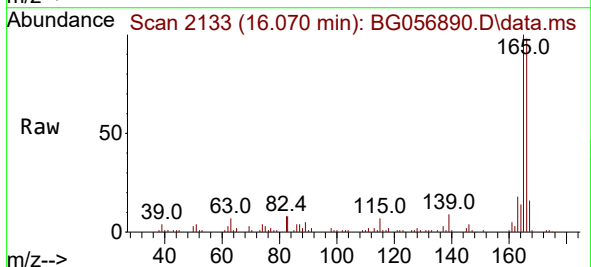
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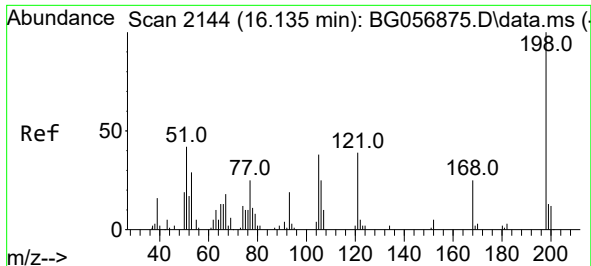
Tgt Ion:168 Resp: 216538
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3



#61
Fluorene
Concen: 11.822 ng/ul
RT: 16.070 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:166 Resp: 49149
Ion Ratio Lower Upper
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165 102.2 80.5 120.7
167 15.9 11.3 16.9

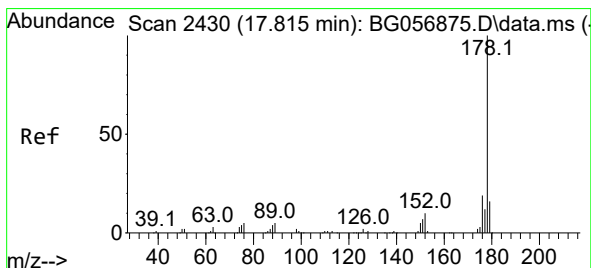
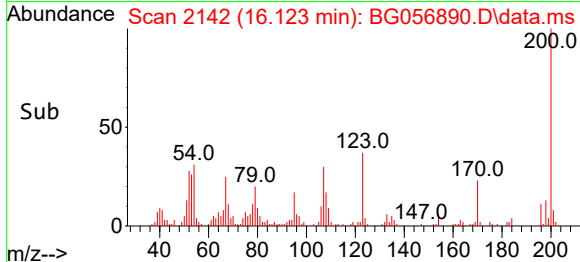
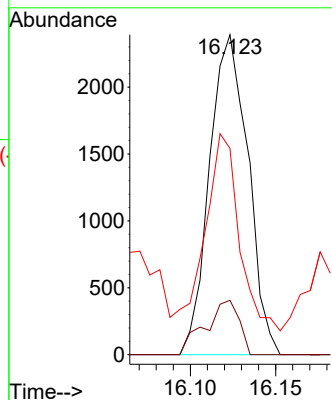
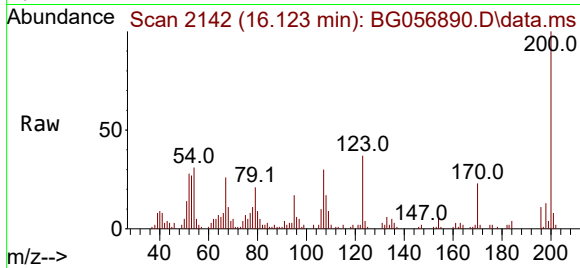




#66
4,6-Dinitro-2-methylphenol
Concen: 4.125 ng/ul
RT: 16.123 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

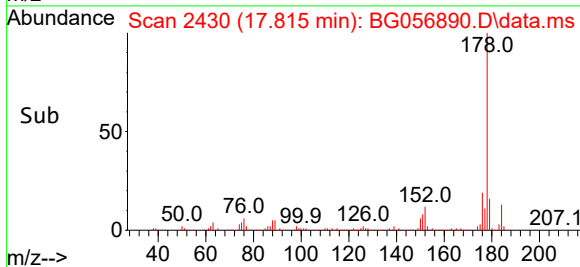
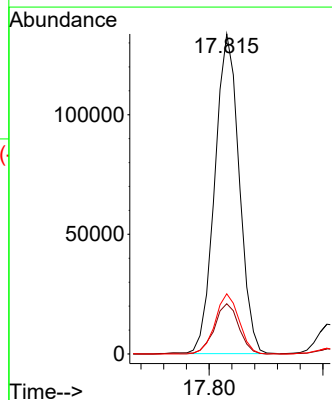
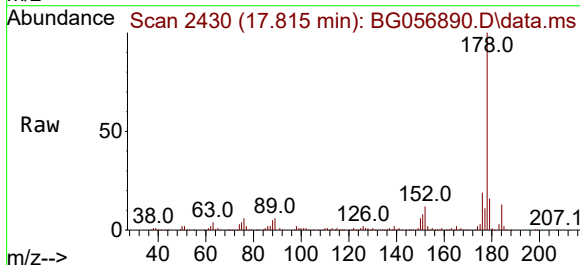
Instrument :
BNA_G
ClientSampleId :
DCAD9

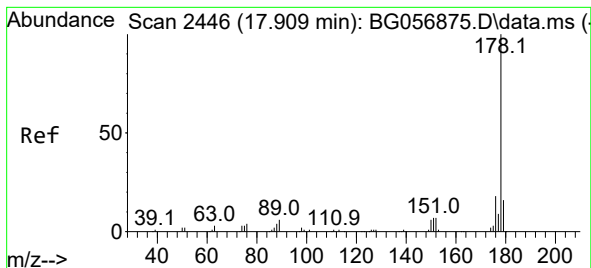
Tgt Ion:198 Resp: 3764
Ion Ratio Lower Upper
198 100
182 17.0 3.1 4.7#
77 64.5 20.5 30.7#



#72
Phenanthrene
Concen: 28.020 ng/ul
RT: 17.815 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BG056890.D
Acq: 8 Mar 2023 21:17

Tgt Ion:178 Resp: 198950
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 18.8 14.6 22.0





#74

Anthracene

Concen: 2.725 ng/ul

RT: 17.904 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG056890.D

Acq: 8 Mar 2023 21:17

Instrument :

BNA_G

ClientSampleId :

DCAD9

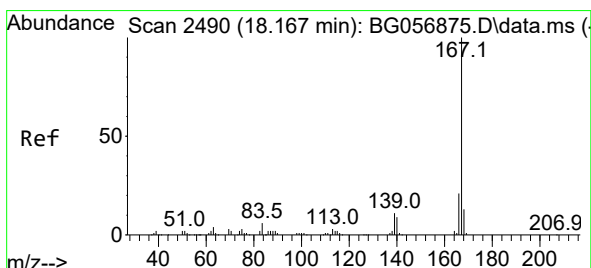
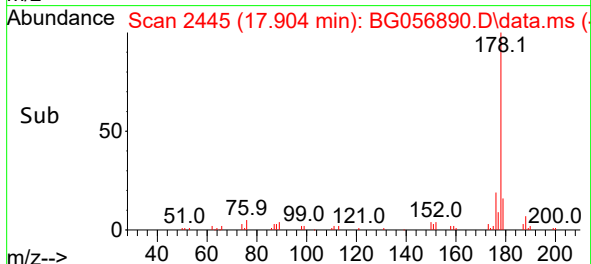
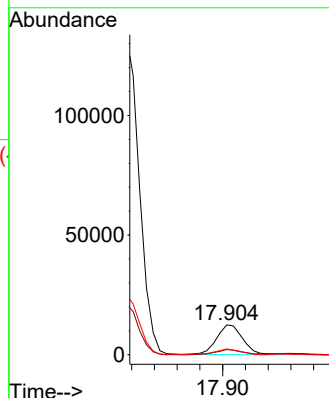
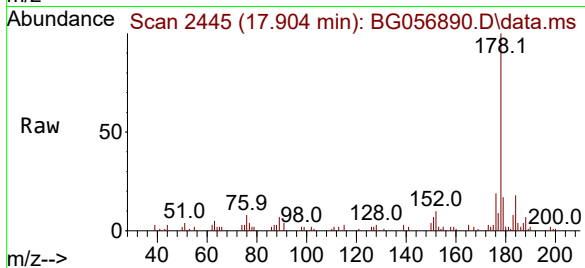
Tgt Ion:178 Resp: 19707

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 19.2 14.2 21.2



#77

Carbazole

Concen: 69.731 ng/ul

RT: 18.174 min Scan# 2491

Delta R.T. 0.006 min

Lab File: BG056890.D

Acq: 8 Mar 2023 21:17

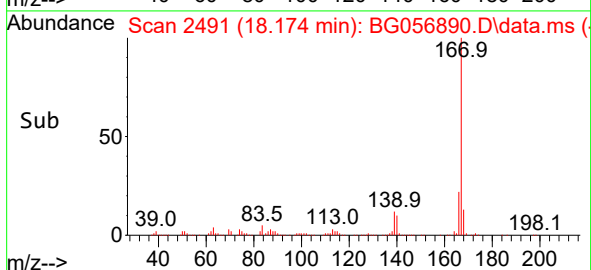
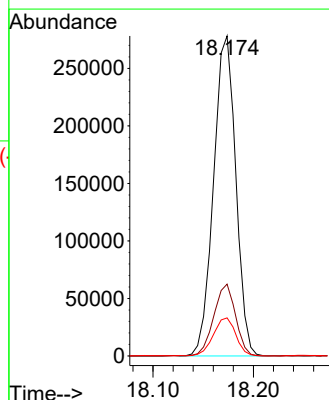
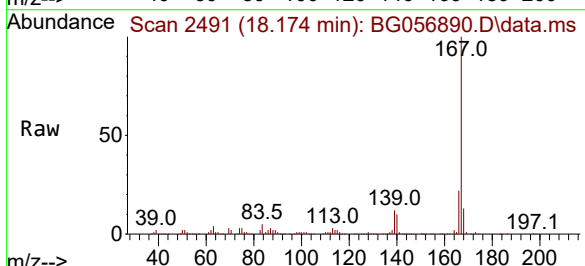
Tgt Ion:167 Resp: 428021

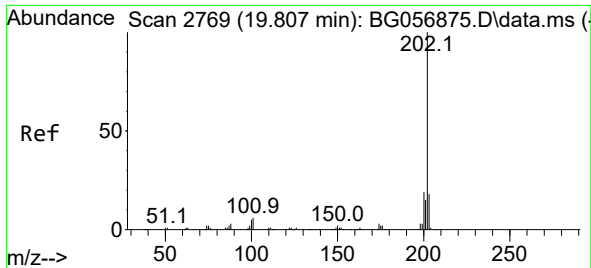
Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

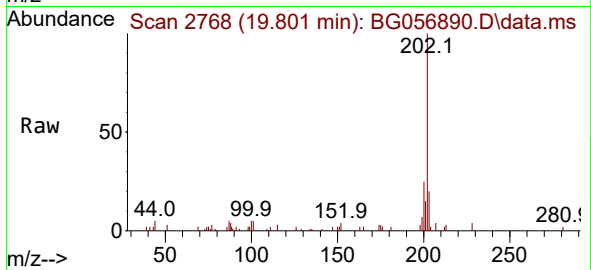
139 11.9 10.2 15.2





#80
 Fluoranthene
 Concen: 1.772 ng/ul
 RT: 19.801 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056890.D
 Acq: 8 Mar 2023 21:17

Instrument :
 BNA_G
 ClientSampleId :
 DCAD9



Tgt Ion:202 Resp: 17584
 Ion Ratio Lower Upper
 202 100
 101 5.4 5.0 7.6
 100 4.7 3.6 5.4

