

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056894.D
 Acq On : 9 Mar 2023 00:02
 Operator : CG/JU
 Sample : 01784-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAC3

Quant Time: Mar 09 03:08:54 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)

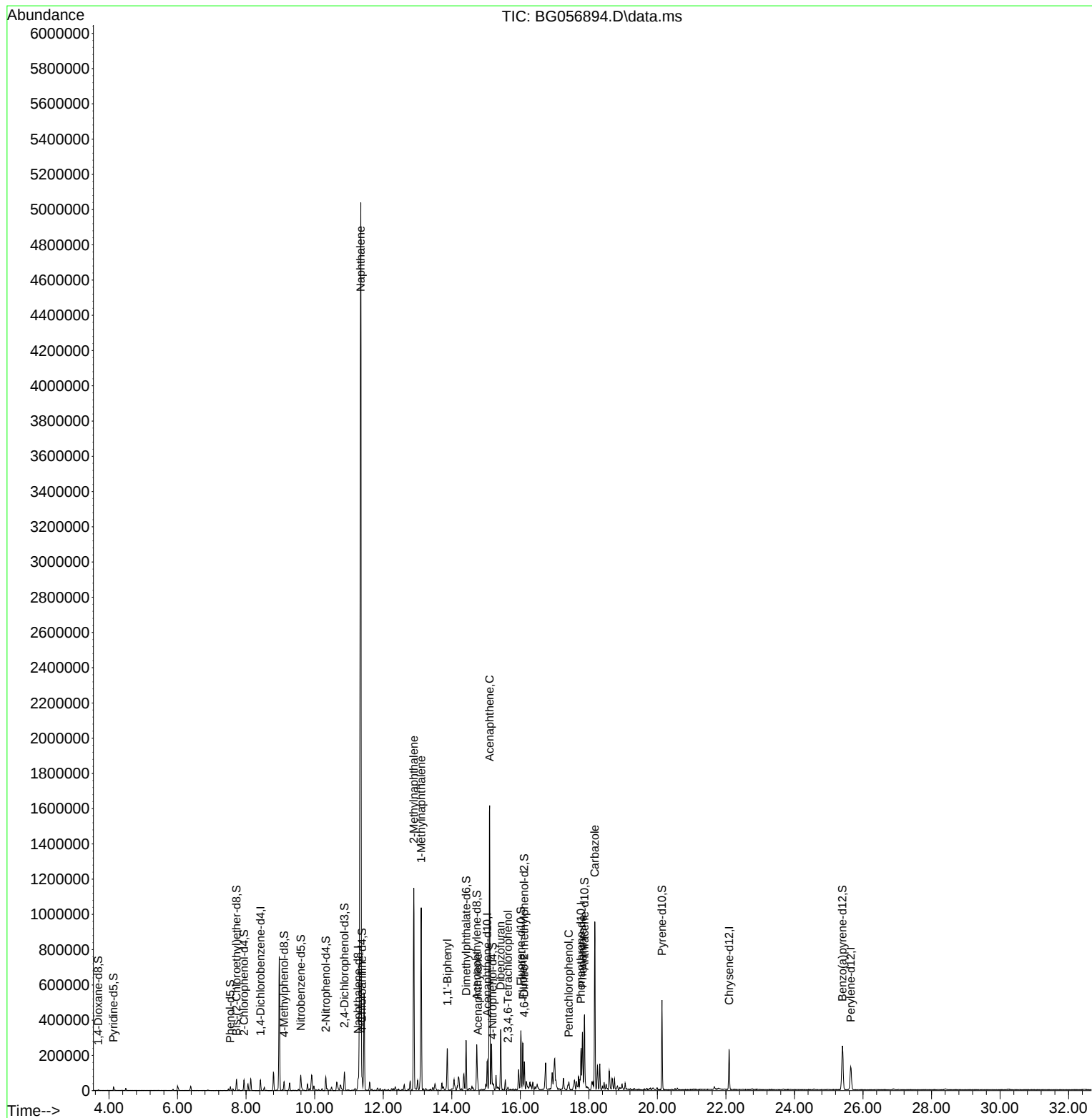
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	16624	20.000	ng/u1	0.00
20) Naphthalene-d8	11.270	136	68492	20.000	ng/u1	0.01
38) Acenaphthene-d10	15.037	164	55540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.774	188	141601	20.000	ng/u1	0.00
79) Chrysene-d12	22.093	240	147534	20.000	ng/u1	0.00
88) Perylene-d12	25.642	264	162599	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.685	96	1880	4.386	ng/uL	0.00
4) Pyridine-d5	4.132	84	11484	8.235	ng/u1	0.00
7) Phenol-d5	7.539	99	9500	5.576	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.716	67	32439	30.311	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	24027	22.532	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	17344	13.491	ng/u1	0.00
21) Nitrobenzene-d5	9.596	128	19325	34.018	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	21427	31.883	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.871	165	36064	27.704	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	35122	20.476	ng/u1	0.00
46) Dimethylphthalate-d6	14.420	166	149905	31.554	ng/u1	0.00
49) Acenaphthylene-d8	14.731	160	159907	30.656	ng/u1	0.00
54) 4-Nitrophenol-d4	15.189	143	5164	6.415	ng/u1	0.00
60) Fluorene-d10	16.018	176	133353	30.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.118	200	35002	34.203	ng/u1	0.00
73) Anthracene-d10	17.874	188	231783	33.868	ng/u1	0.00
81) Pyrene-d10	20.136	212	293841	32.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.401	264	296668	33.321	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.347	128	4522741	1195.417	ng/u1	95
36) 2-Methylnaphthalene	12.892	142	485577	178.426	ng/u1	97
37) 1-Methylnaphthalene	13.109	142	436740	160.613	ng/u1	99
43) 1,1'-Biphenyl	13.873	154	115981	27.883	ng/u1	96
50) Acenaphthylene	14.760	152	24591	4.665	ng/u1#	92
52) Acenaphthene	15.107	153	680037	184.447	ng/u1	97
56) Dibenzofuran	15.424	168	165633	29.388	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.642	232	2865	1.998	ng/u1#	87
61) Fluorene	16.076	166	117299	26.136	ng/u1	99
71) Pentachlorophenol	17.416	266	2658	2.367	ng/u1	93
72) Phenanthrene	17.816	178	136217	17.875	ng/u1	99
77) Carbazole	18.174	167	626963	95.169	ng/u1	99

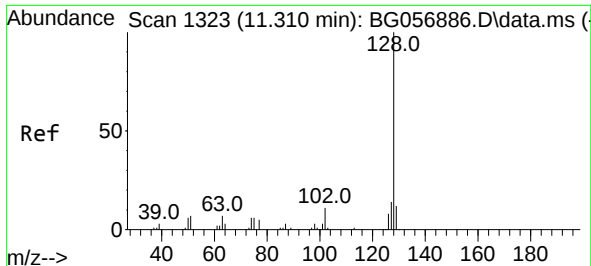
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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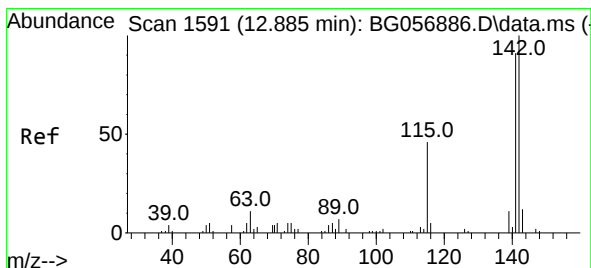
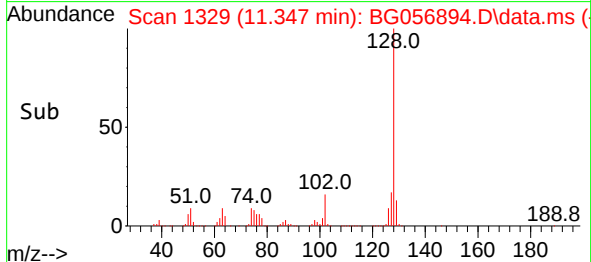
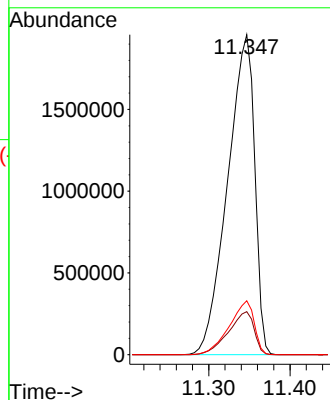
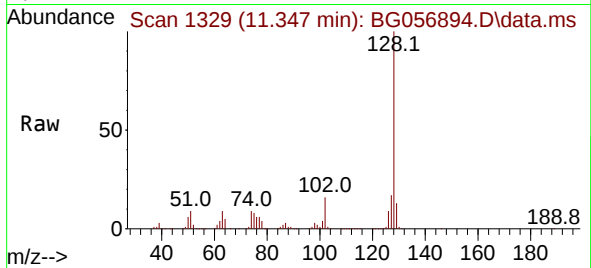




#30
Naphthalene
Concen: 1195.417 ng/ul
RT: 11.347 min Scan# 11
Delta R.T. 0.036 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

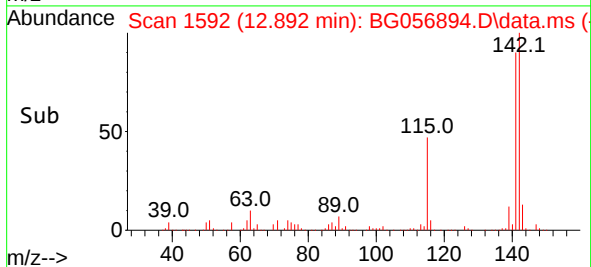
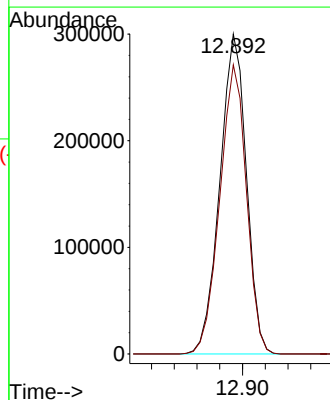
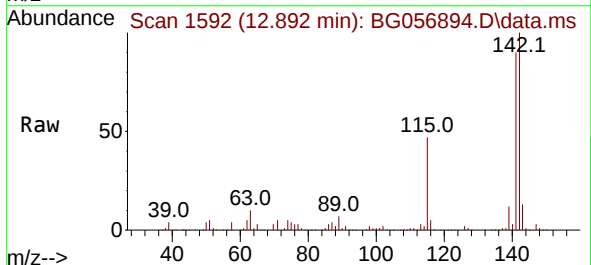
Instrument :
BNA_G
ClientSampleId :
DCAC3

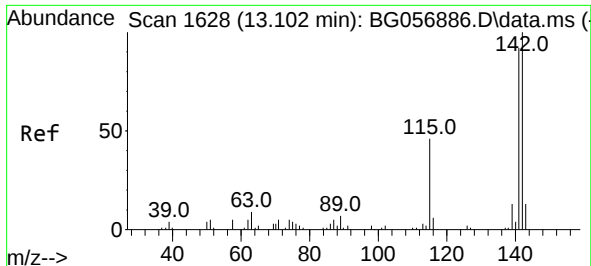
Tgt Ion:128 Resp: 4522741
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 16.9 11.8 17.6



#36
2-Methylnaphthalene
Concen: 178.426 ng/ul
RT: 12.892 min Scan# 1592
Delta R.T. 0.007 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

Tgt Ion:142 Resp: 485577
Ion Ratio Lower Upper
142 100
141 90.4 74.6 111.8





#37

1-Methylnaphthalene

Concen: 160.613 ng/ul

RT: 13.109 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG056894.D

Acq: 9 Mar 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCAC3

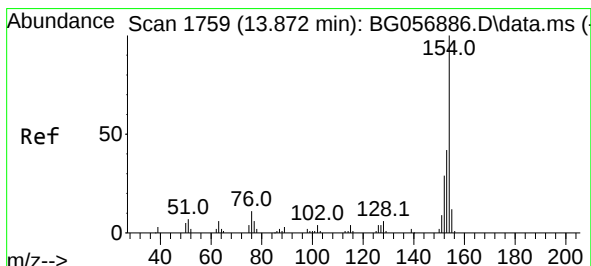
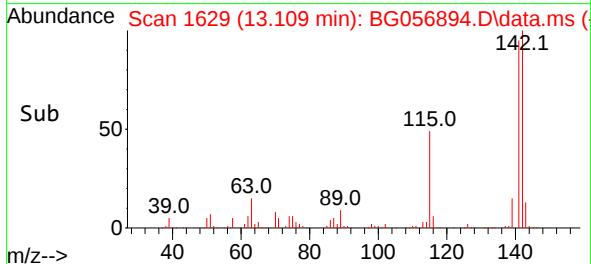
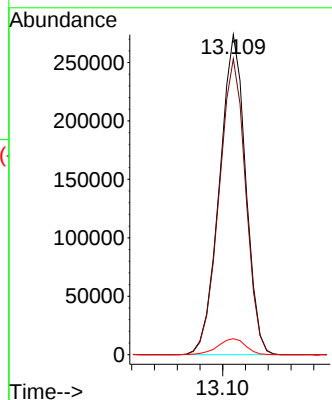
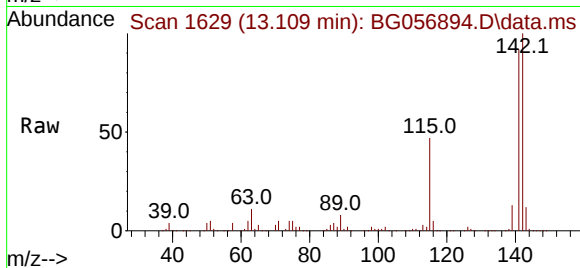
Tgt Ion:142 Resp: 436740

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.4

116 5.0 4.6 7.0



#43

1,1'-Biphenyl

Concen: 27.883 ng/ul

RT: 13.873 min Scan# 1759

Delta R.T. 0.001 min

Lab File: BG056894.D

Acq: 9 Mar 2023 00:02

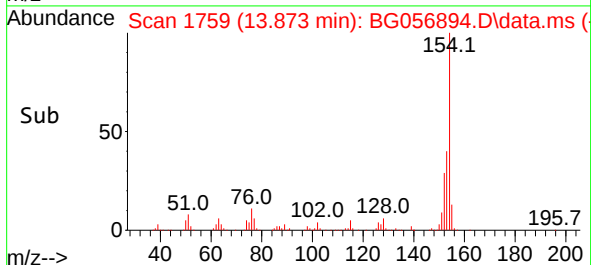
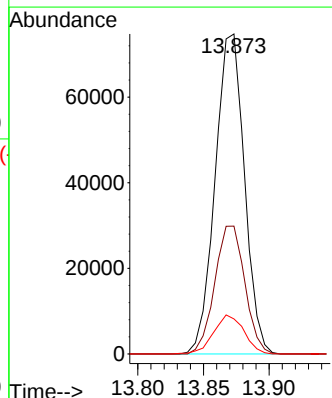
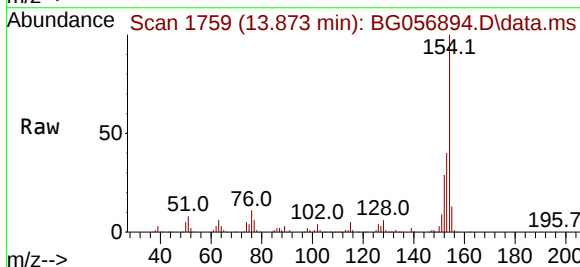
Tgt Ion:154 Resp: 115981

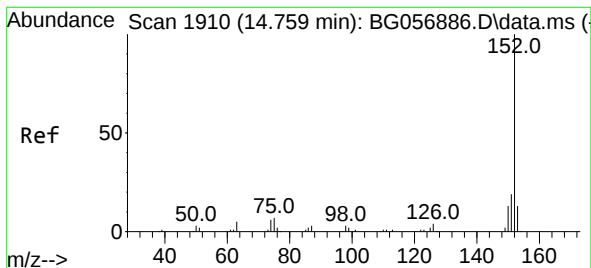
Ion Ratio Lower Upper

154 100

153 40.0 34.2 51.4

76 10.9 9.2 13.8





#50

Acenaphthylene

Concen: 4.665 ng/ul

RT: 14.760 min Scan# 1910

Delta R.T. 0.001 min

Lab File: BG056894.D

Acq: 9 Mar 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCAC3

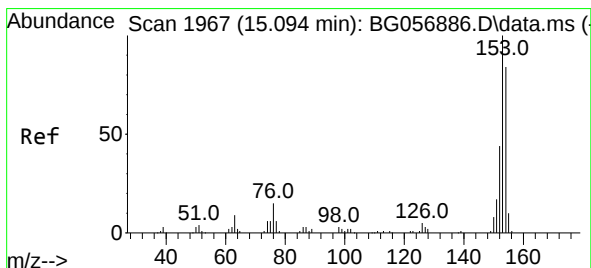
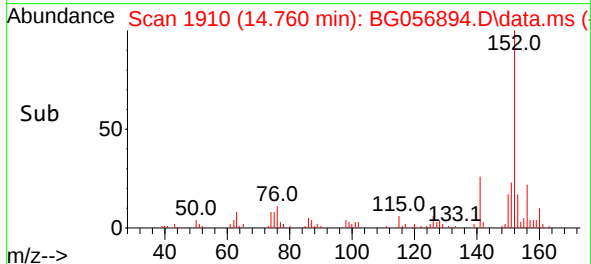
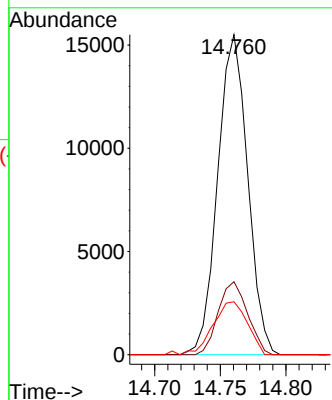
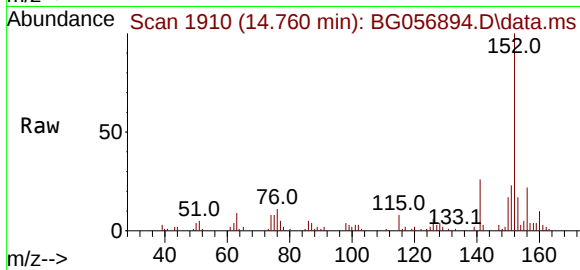
Tgt Ion:152 Resp: 24591

Ion Ratio Lower Upper

152 100

151 22.8 15.2 22.8#

153 16.5 10.6 16.0#



#52

Acenaphthene

Concen: 184.447 ng/ul

RT: 15.107 min Scan# 1969

Delta R.T. 0.012 min

Lab File: BG056894.D

Acq: 9 Mar 2023 00:02

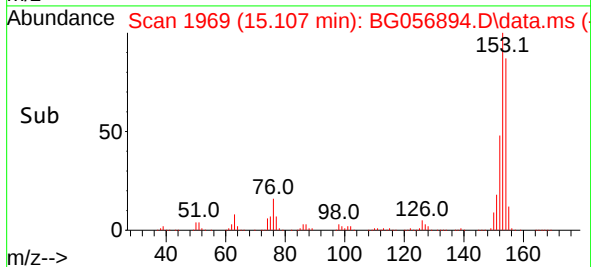
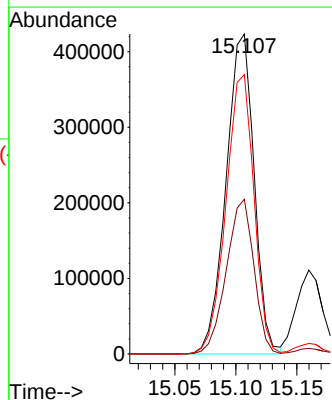
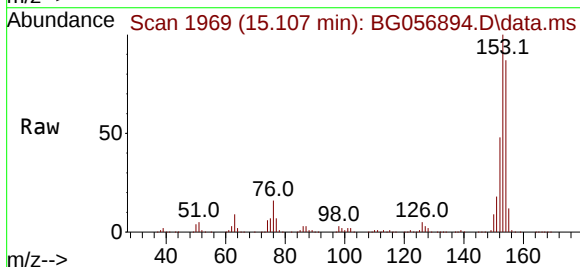
Tgt Ion:153 Resp: 680037

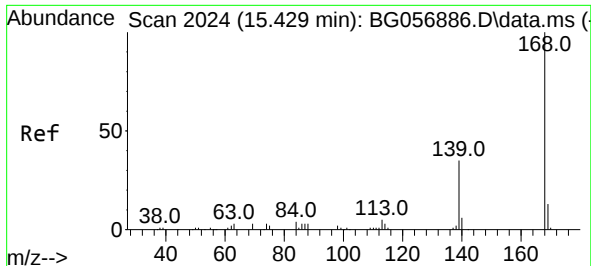
Ion Ratio Lower Upper

153 100

152 48.4 40.5 60.7

154 87.3 67.8 101.8

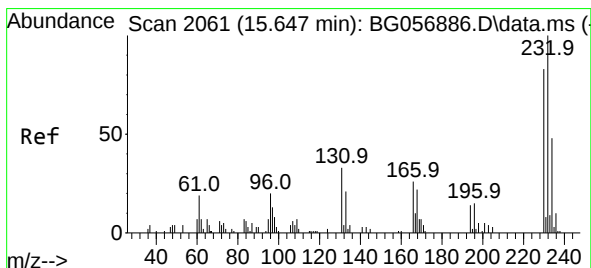
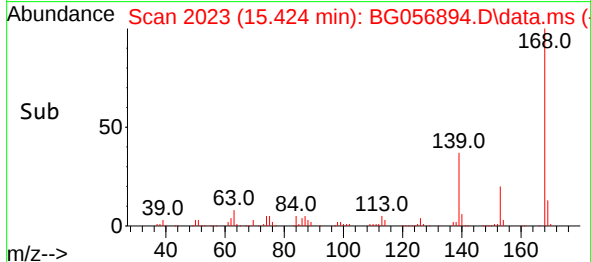
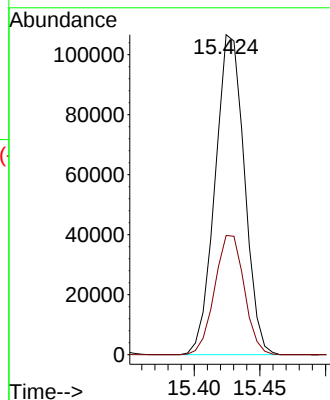
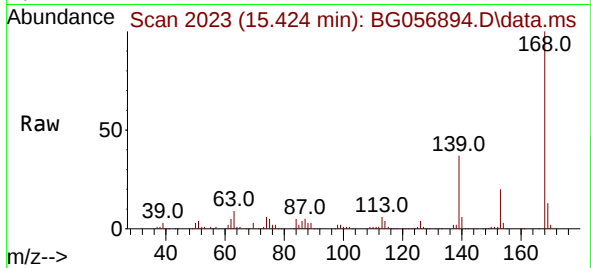




#56
Dibenzofuran
Concen: 29.388 ng/ul
RT: 15.424 min Scan# 2024
Delta R.T. 0.001 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

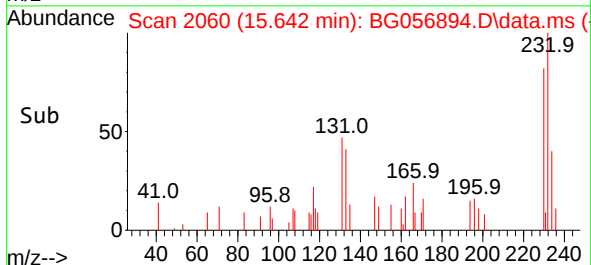
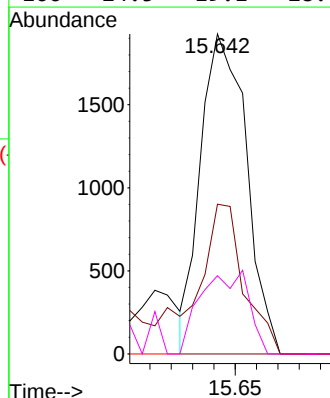
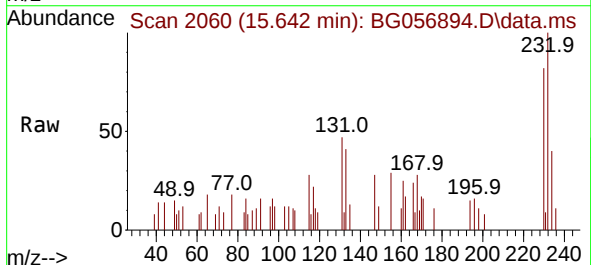
Instrument :
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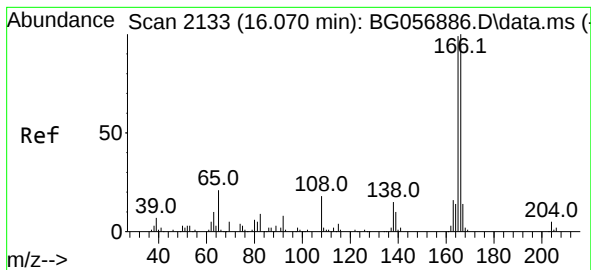
Tgt Ion:168 Resp: 165633
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.998 ng/ul
RT: 15.642 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

Tgt Ion:232 Resp: 2865
Ion Ratio Lower Upper
232 100
131 46.8 27.2 40.8#
130 0.0 2.4 3.6#
166 24.5 19.1 28.7

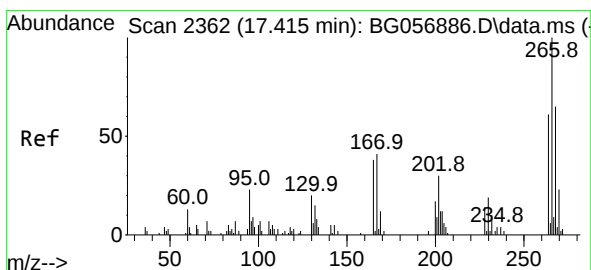
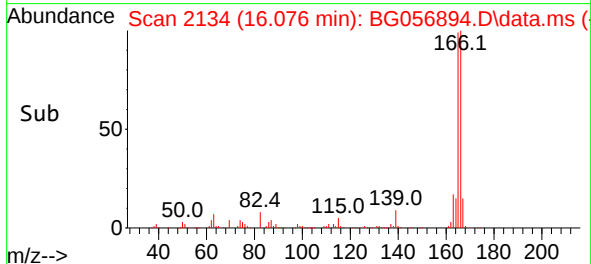
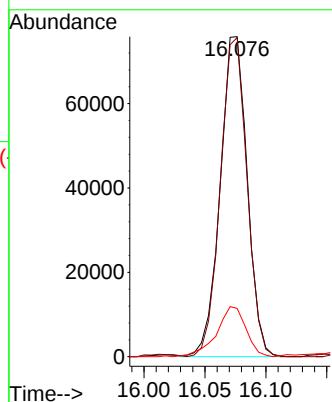
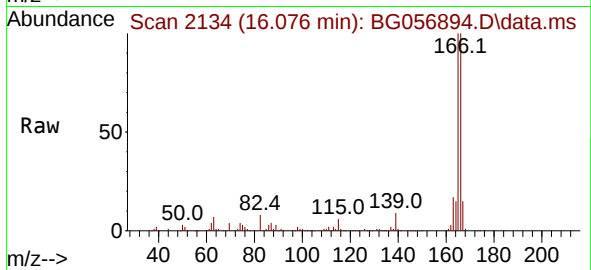




#61
Fluorene
Concen: 26.136 ng/ul
RT: 16.076 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

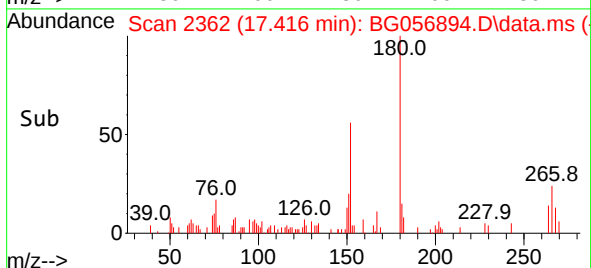
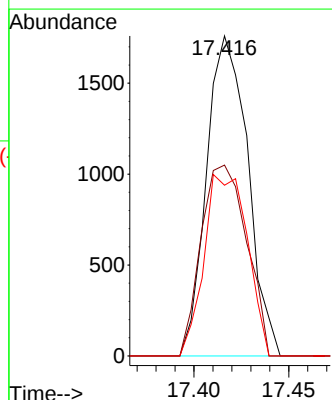
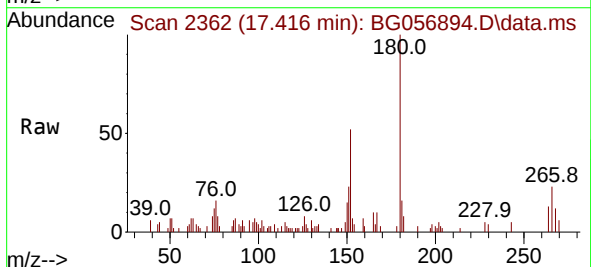
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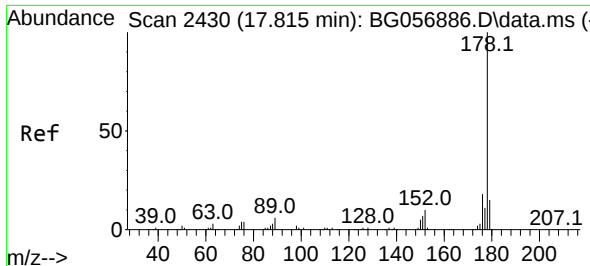
Tgt Ion:166 Resp: 117299
Ion Ratio Lower Upper
166 100
165 99.7 80.5 120.7
167 15.1 11.3 16.9



#71
Pentachlorophenol
Concen: 2.367 ng/ul
RT: 17.416 min Scan# 2362
Delta R.T. 0.001 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

Tgt Ion:266 Resp: 2658
Ion Ratio Lower Upper
266 100
264 59.7 50.6 76.0
268 53.4 48.6 73.0

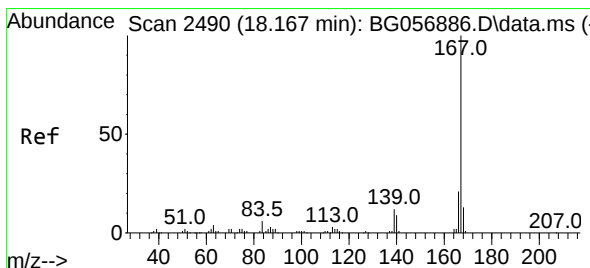
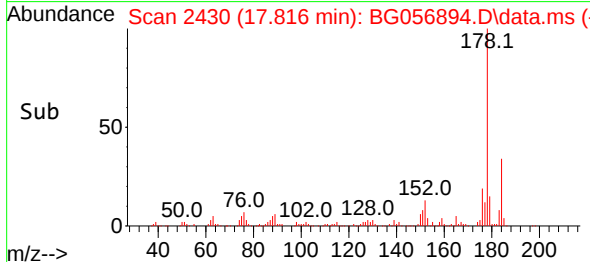
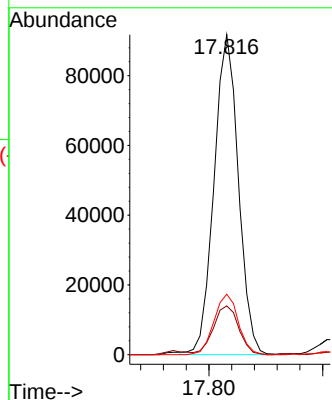
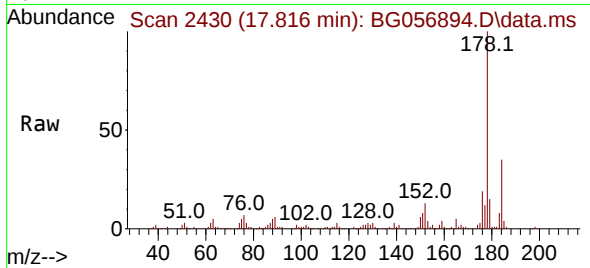




#72
Phenanthrene
Concen: 17.875 ng/ul
RT: 17.816 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

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Tgt Ion:178 Resp: 136217
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 18.9 14.6 22.0



#77
Carbazole
Concen: 95.169 ng/ul
RT: 18.174 min Scan# 2491
Delta R.T. 0.007 min
Lab File: BG056894.D
Acq: 9 Mar 2023 00:02

Tgt Ion:167 Resp: 626963
Ion Ratio Lower Upper
167 100
166 22.0 18.1 27.1
139 12.0 10.2 15.2

