

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052116.D
 Acq On : 21 Jan 2022 11:53
 Operator : CG/JU
 Sample : N1199-04DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0F25DL

Quant Time: Jan 21 23:16:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

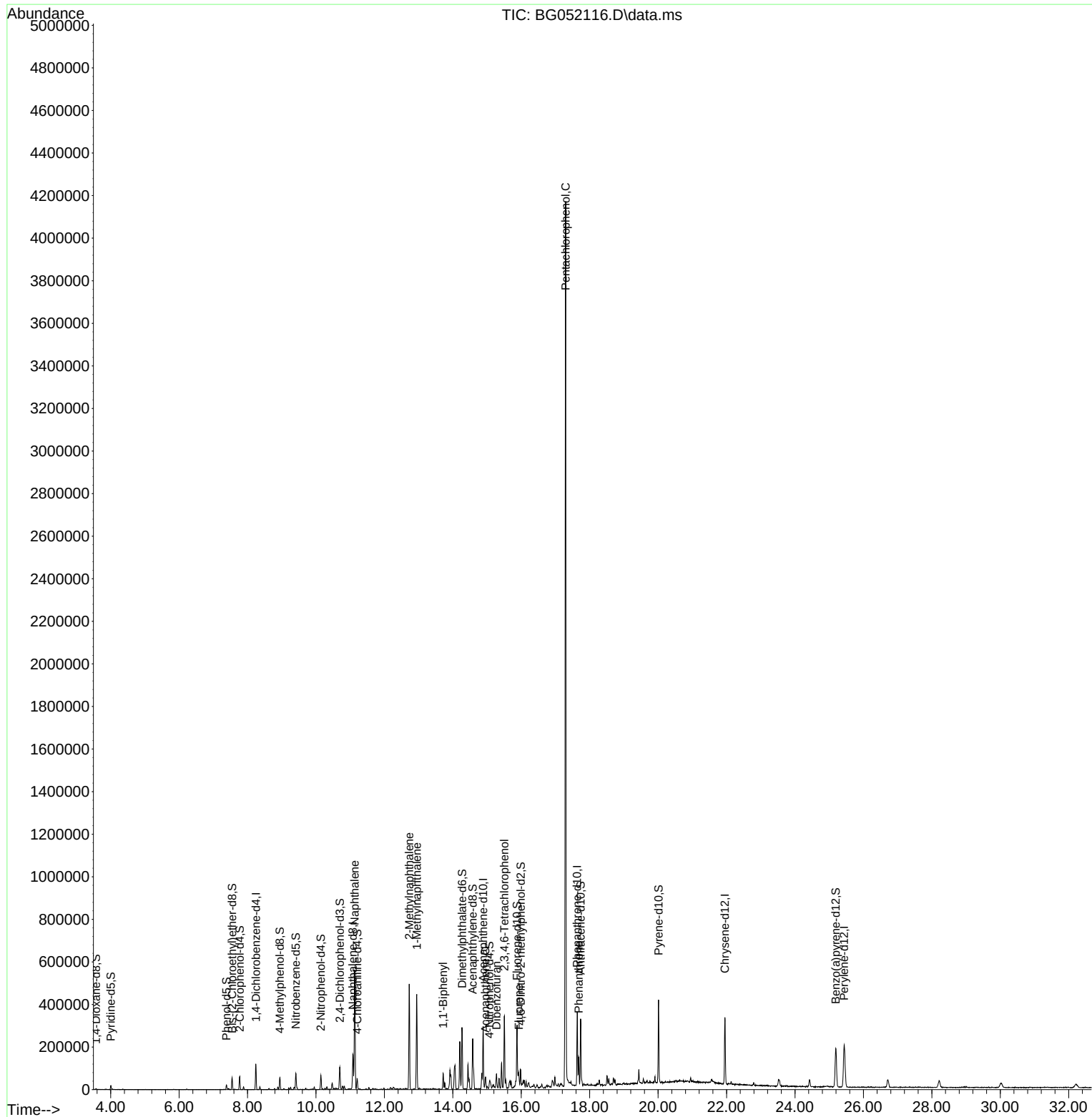
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	31801	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	141357	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.885	164	98609	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.634	188	219356	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.952	240	216370	20.000	ng/u1	# 0.00
88) Perylene-d12	25.435	264	224986	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	2028	2.279	ng/uL	0.00
4) Pyridine-d5	4.005	84	12050	4.356	ng/u1	0.00
7) Phenol-d5	7.383	99	11477	3.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	28010	14.176	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	26258	12.742	ng/u1	0.00
15) 4-Methylphenol-d8	8.940	113	21321	8.812	ng/u1	-0.01
21) Nitrobenzene-d5	9.410	128	17544	15.707	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.144	143	18968	15.355	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	37539	15.546	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	26997	8.028	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	131157	16.091	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	162101	16.464	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	4545	3.335	ng/u1	0.00
60) Fluorene-d10	15.878	176	115796	16.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	20161	14.569	ng/u1	0.00
73) Anthracene-d10	17.734	188	191532	18.406	ng/u1	0.00
81) Pyrene-d10	20.013	212	224845	18.056	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.194	264	218558	18.453	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.131	128	456131	59.548	ng/u1	98
36) 2-Methylnaphthalene	12.729	142	232031	42.526	ng/u1	100
37) 1-Methylnaphthalene	12.946	142	208641	37.259	ng/u1	92
43) 1,1'-Biphenyl	13.716	154	40247	5.287	ng/u1	97
52) Acenaphthene	14.949	153	18363	2.849	ng/u1	87
56) Dibenzofuran	15.278	168	13082	1.397	ng/u1#	83
58) 2,3,4,6-Tetrachlorophenol	15.508	232	71568	33.210	ng/u1#	88
61) Fluorene	15.930	166	25527	3.272	ng/u1	97
71) Pentachlorophenol	17.299	266	860699	541.141	ng/u1	96
72) Phenanthrene	17.681	178	85414	7.431	ng/u1	100

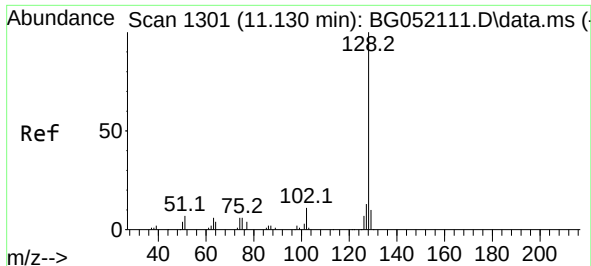
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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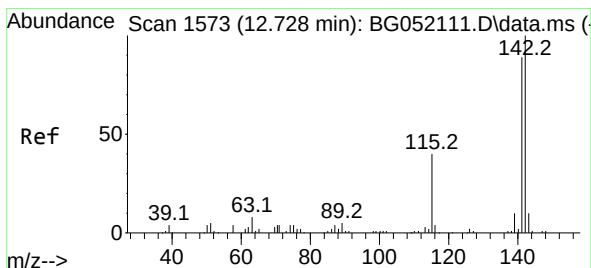
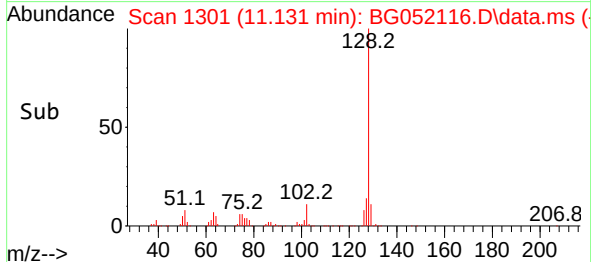
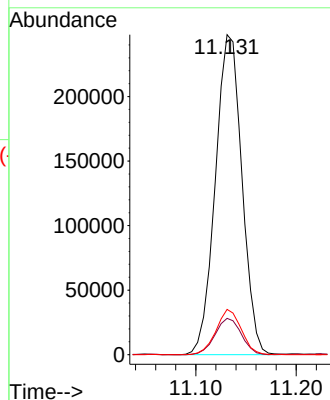
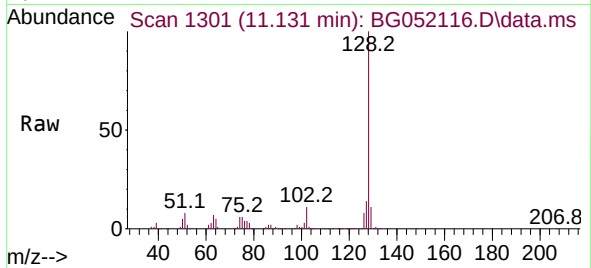




#30
Naphthalene
Concen: 59.548 ng/ul
RT: 11.131 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG052116.D
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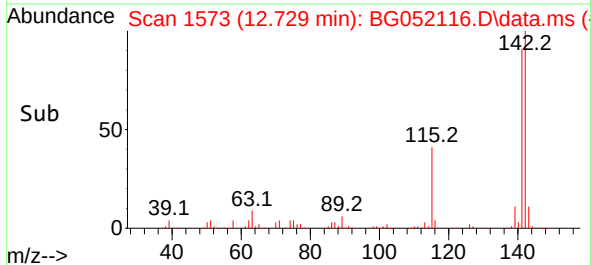
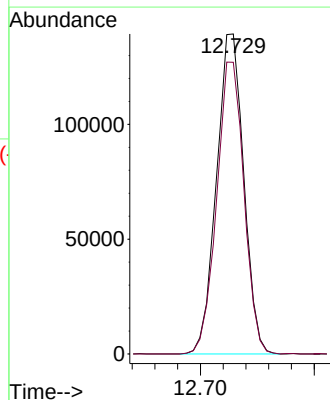
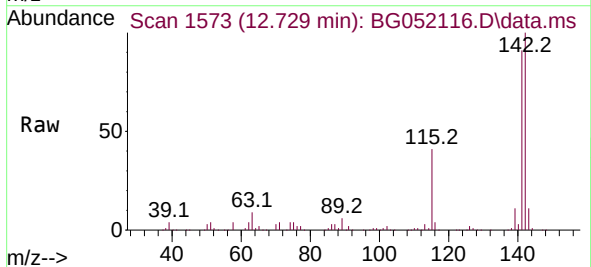
Instrument :
BNA_G
ClientSampleId :
C0F25DL

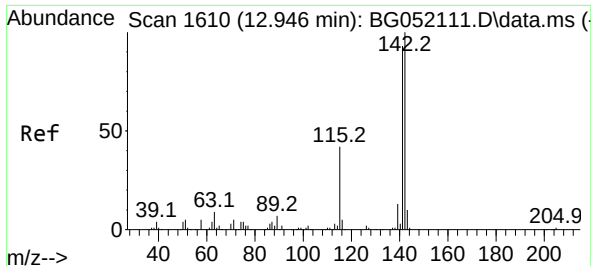
Tgt Ion:128 Resp: 456131
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.2 11.8 17.6



#36
2-Methylnaphthalene
Concen: 42.526 ng/ul
RT: 12.729 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BG052116.D
Acq: 21 Jan 2022 11:53

Tgt Ion:142 Resp: 232031
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9





#37

1-Methylnaphthalene

Concen: 37.259 ng/ul

RT: 12.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG052116.D

Acq: 21 Jan 2022 11:53

Instrument :

BNA_G

ClientSampleId :

C0F25DL

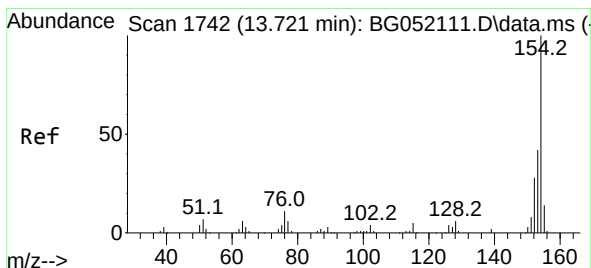
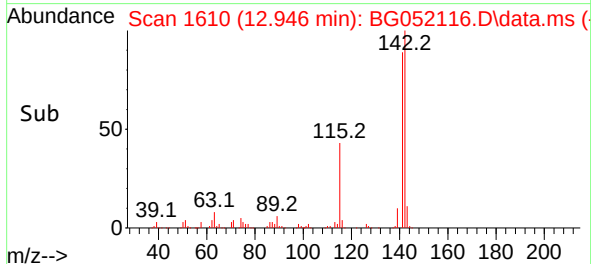
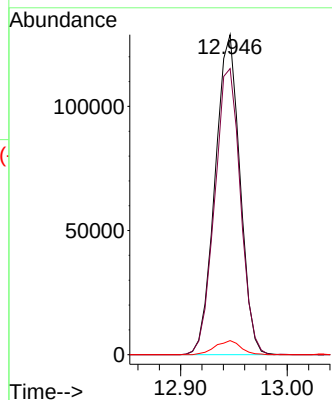
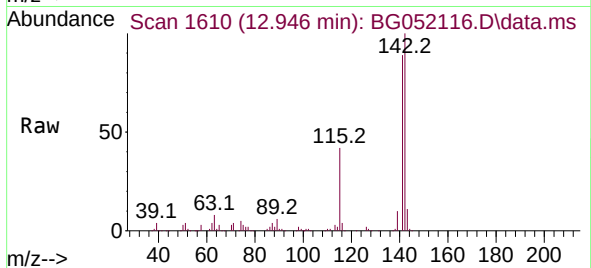
Tgt Ion:142 Resp: 208641

Ion Ratio Lower Upper

142 100

141 89.4 77.8 116.8

116 4.4 3.3 4.9



#43

1,1'-Biphenyl

Concen: 5.287 ng/ul

RT: 13.716 min Scan# 1741

Delta R.T. -0.012 min

Lab File: BG052116.D

Acq: 21 Jan 2022 11:53

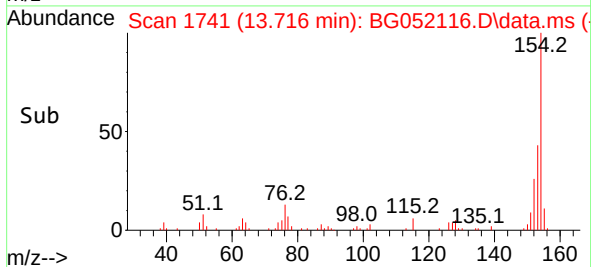
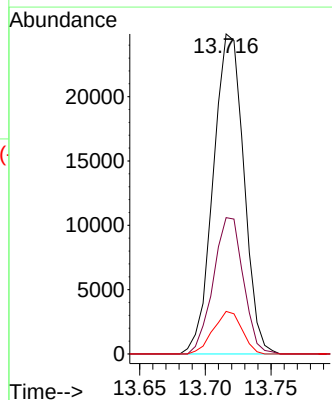
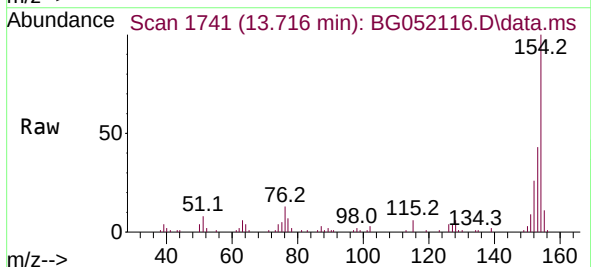
Tgt Ion:154 Resp: 40247

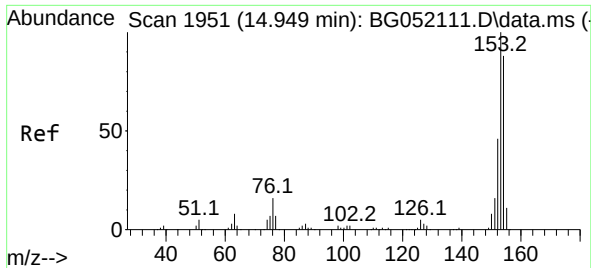
Ion Ratio Lower Upper

154 100

153 42.6 34.5 51.7

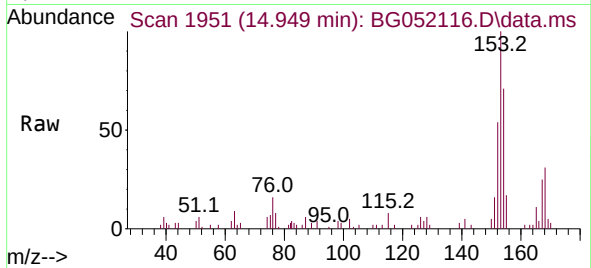
76 13.3 13.1 19.7



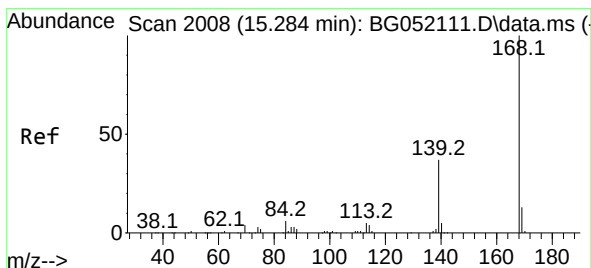
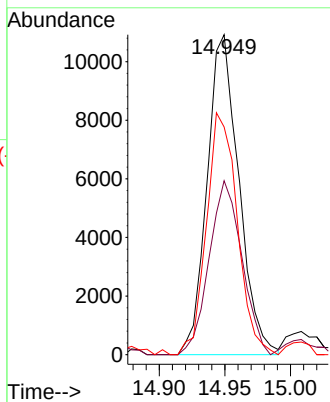
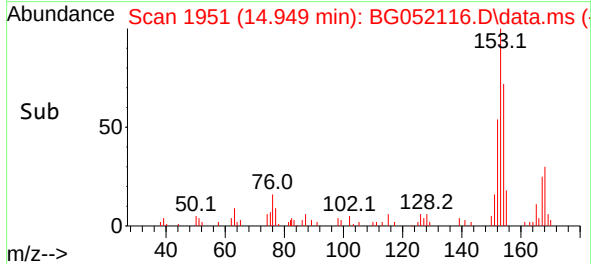


#52
Acenaphthene
Concen: 2.849 ng/ul
RT: 14.949 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG052116.D
Acq: 21 Jan 2022 11:53

Instrument :
BNA_G
ClientSampleId :
C0F25DL

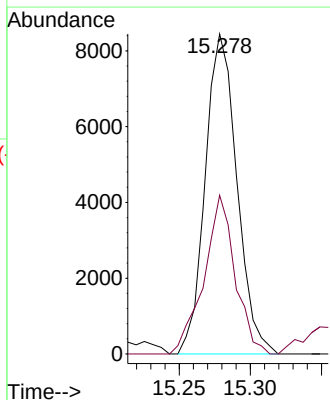
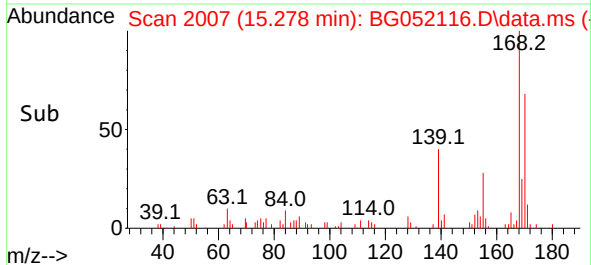
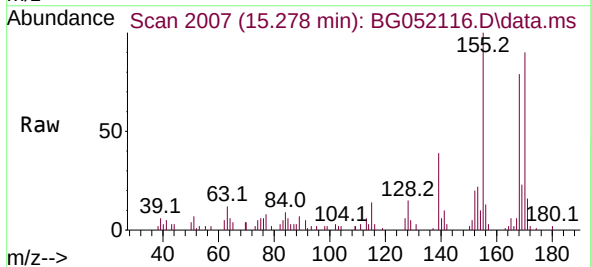


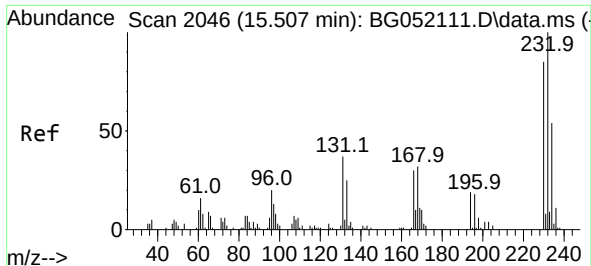
Tgt Ion:153 Resp: 18363
Ion Ratio Lower Upper
153 100
152 54.3 36.5 54.7
154 71.2 65.8 98.6



#56
Dibenzofuran
Concen: 1.397 ng/ul
RT: 15.278 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG052116.D
Acq: 21 Jan 2022 11:53

Tgt Ion:168 Resp: 13082
Ion Ratio Lower Upper
168 100
139 49.6 31.2 46.8#

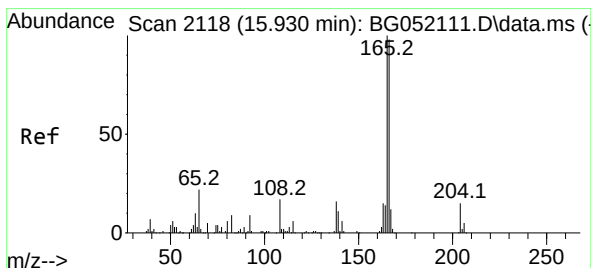
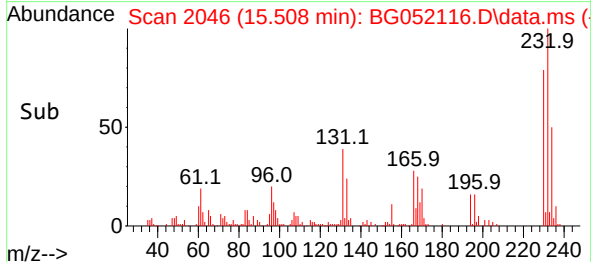
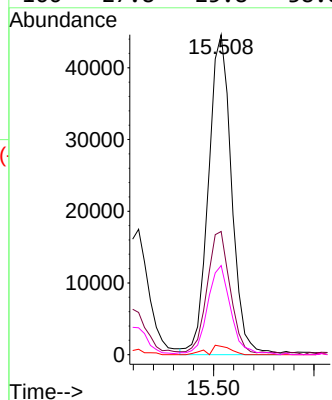
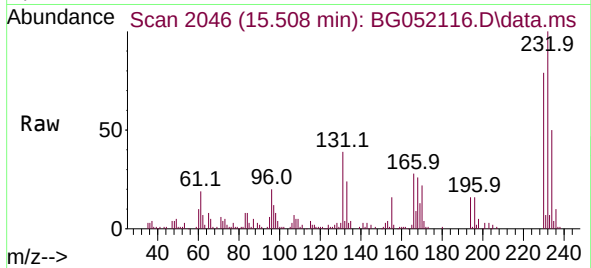




#58
2,3,4,6-Tetrachlorophenol
Concen: 33.210 ng/ul
RT: 15.508 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG052116.D
Acq: 21 Jan 2022 11:53

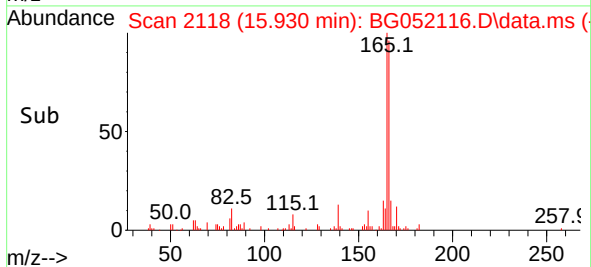
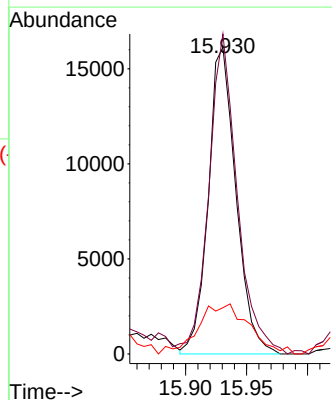
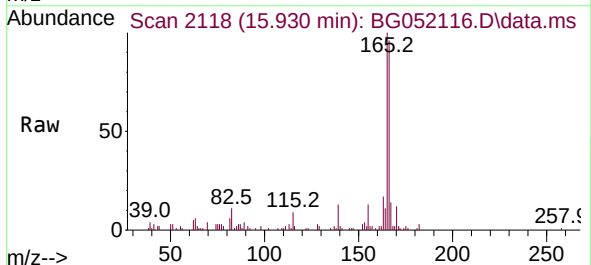
Instrument :
BNA_G
ClientSampleId :
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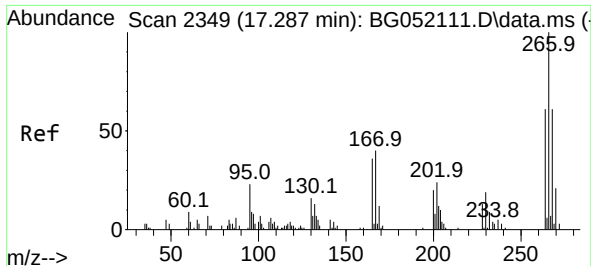
Tgt Ion:232 Resp: 71568
Ion Ratio Lower Upper
232 100
131 38.5 38.9 58.3#
130 2.6 2.4 3.6
166 27.8 25.8 38.8



#61
Fluorene
Concen: 3.272 ng/ul
RT: 15.930 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG052116.D
Acq: 21 Jan 2022 11:53

Tgt Ion:166 Resp: 25527
Ion Ratio Lower Upper
166 100
165 104.3 81.0 121.6
167 15.1 11.0 16.4

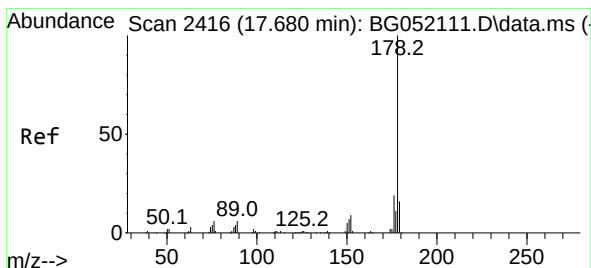
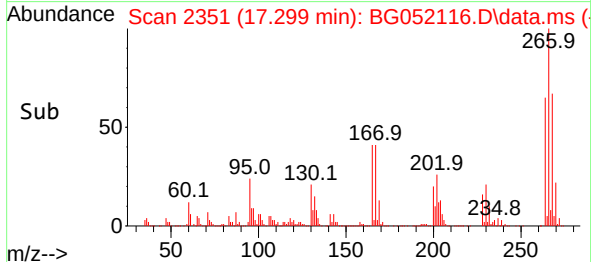
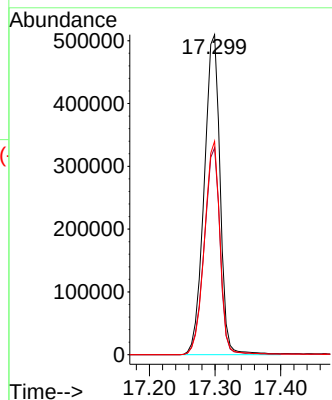
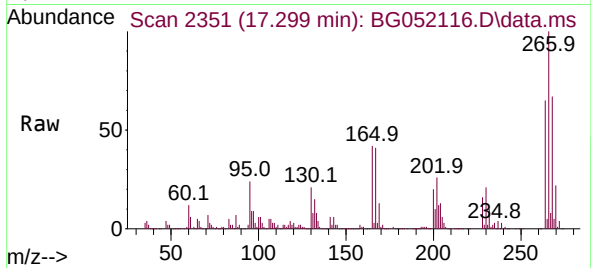




#71
 Pentachlorophenol
 Concen: 541.141 ng/ul
 RT: 17.299 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BG052116.D
 Acq: 21 Jan 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:266 Resp: 860699
 Ion Ratio Lower Upper
 266 100
 264 64.7 54.3 81.5
 268 66.7 51.0 76.6



#72
 Phenanthrene
 Concen: 7.431 ng/ul
 RT: 17.681 min Scan# 2416
 Delta R.T. -0.000 min
 Lab File: BG052116.D
 Acq: 21 Jan 2022 11:53

Tgt Ion:178 Resp: 85414
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.4 15.5 23.3

