

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051542.D
 Acq On : 15 Dec 2021 18:21
 Operator : CG/JU
 Sample : M5013-02DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT1DL

Quant Time: Dec 15 23:25:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

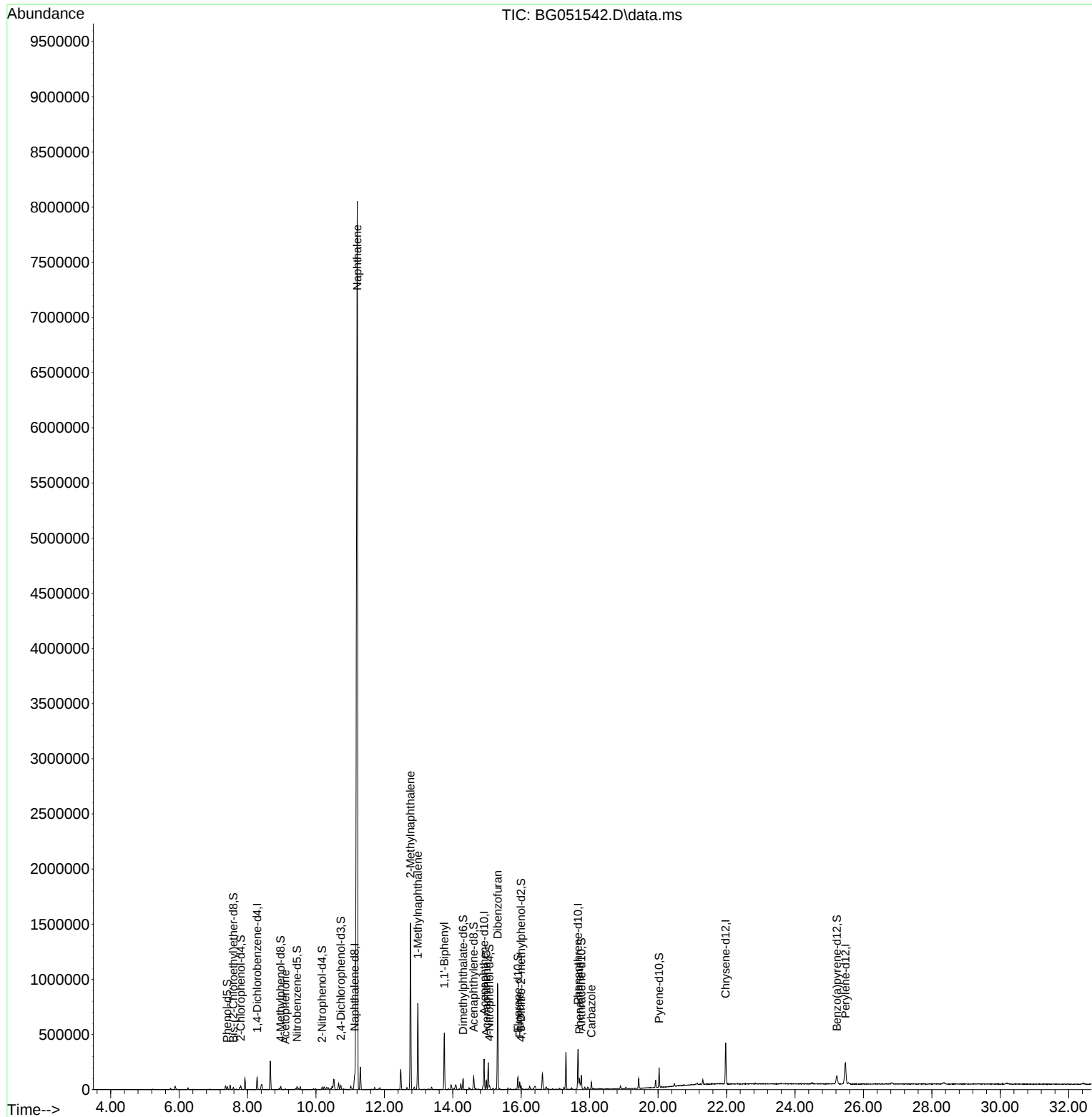
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	31713	20.000	ng/u1	0.00
20) Naphthalene-d8	11.130	136	129610	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.913	164	94766	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.657	188	231599	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.974	240	245697	20.000	ng/u1 #	-0.01
88) Perylene-d12	25.475	264	244267	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	692	0.906	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.406	99	7752	2.738	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	11013	6.543	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.799	132	12228	6.209	ng/u1	-0.01
15) 4-Methylphenol-d8	8.968	113	10132	4.629	ng/u1	-0.01
21) Nitrobenzene-d5	9.444	128	6462	6.800	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.178	143	6534	6.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	14553	6.460	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.302	166	48692	6.419	ng/u1	-0.01
49) Acenaphthylene-d8	14.608	160	58253	6.184	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	3125	2.534	ng/u1	-0.01
60) Fluorene-d10	15.900	176	43942	6.466	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	7199	5.966	ng/u1	-0.02
73) Anthracene-d10	17.756	188	76970	6.967	ng/u1	0.00
81) Pyrene-d10	20.030	212	103087	6.971	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.223	264	87665	6.821	ng/u1	-0.03
Target Compounds						
					Qvalue	
16) Acetophenone	9.103	105	4277	1.244	ng/u1#	91
30) Naphthalene	11.207	128	6961987	997.022	ng/u1#	68
36) 2-Methylnaphthalene	12.763	142	696253	139.764	ng/u1	98
37) 1-Methylnaphthalene	12.975	142	345782	66.850	ng/u1	97
43) 1,1'-Biphenyl	13.750	154	262109	36.107	ng/u1#	94
52) Acenaphthene	14.978	153	33748	5.543	ng/u1	95
56) Dibenzofuran	15.307	168	527067	58.777	ng/u1	99
61) Fluorene	15.953	166	31129	4.213	ng/u1#	99
72) Phenanthrene	17.698	178	53171	4.464	ng/u1	100
77) Carbazole	18.050	167	40545	3.762	ng/u1#	95

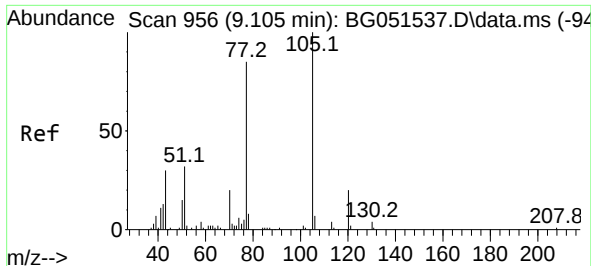
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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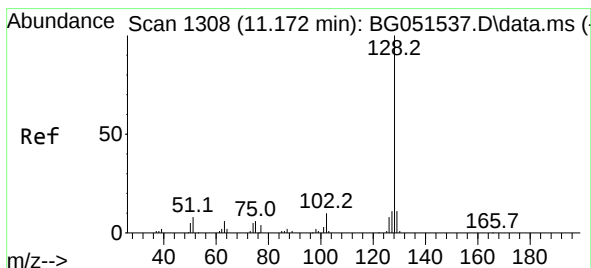
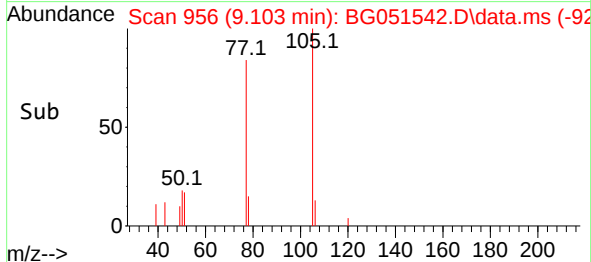
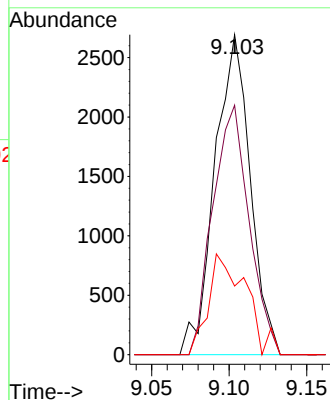
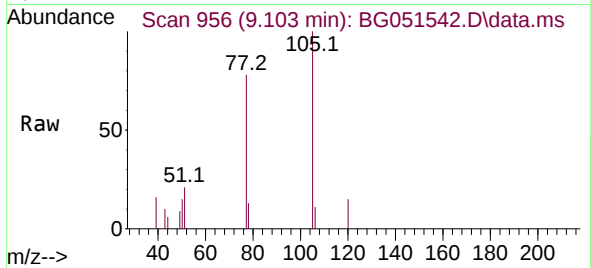




#16
Acetophenone
Concen: 1.244 ng/ul
RT: 9.103 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG051542.D
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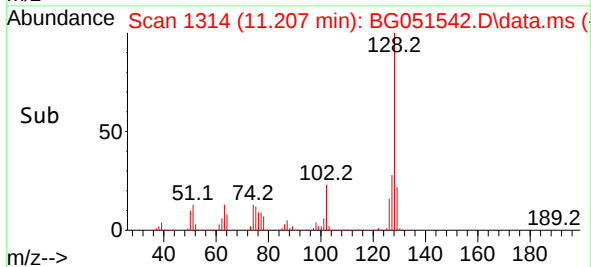
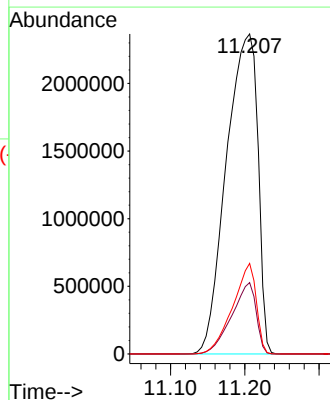
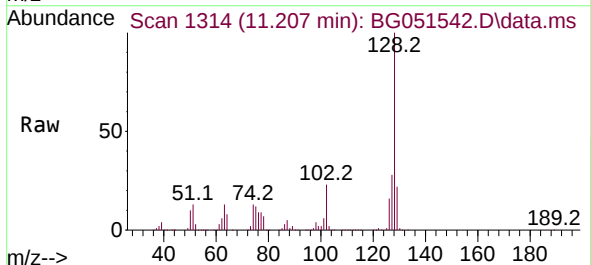
Instrument :
BNA_G
ClientSampleId :
DBLT1DL

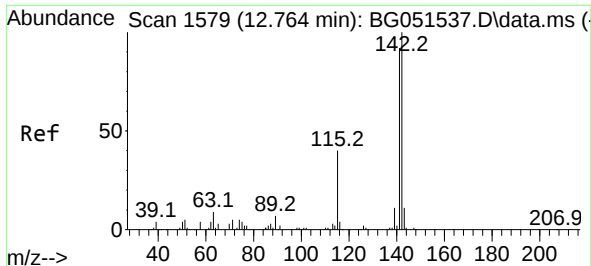
Tgt Ion:105 Resp: 4277
Ion Ratio Lower Upper
105 100
77 77.9 67.3 100.9
51 21.4 24.0 36.0#



#30
Naphthalene
Concen: 997.022 ng/ul
RT: 11.207 min Scan# 1314
Delta R.T. 0.030 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

Tgt Ion:128 Resp: 6961987
Ion Ratio Lower Upper
128 100
129 22.3 8.5 12.7#
127 28.3 11.8 17.6#

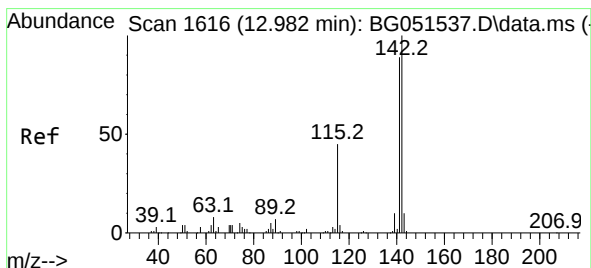
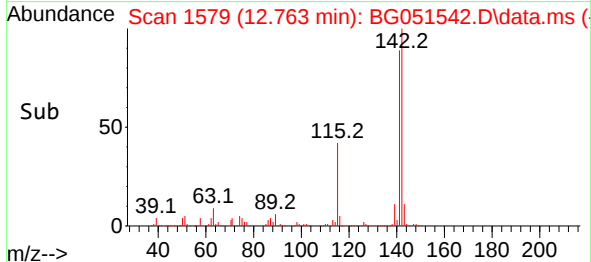
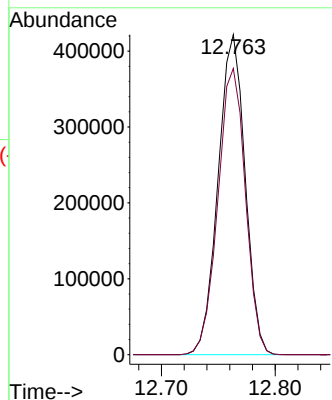
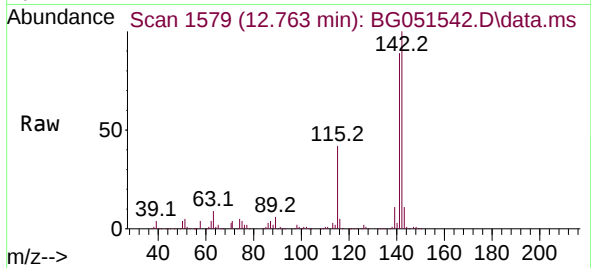




#36
2-Methylnaphthalene
Concen: 139.764 ng/ul
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

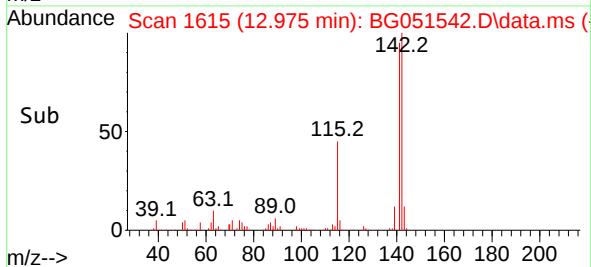
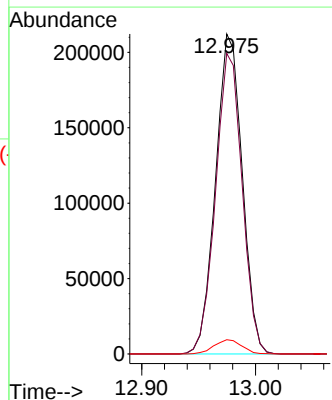
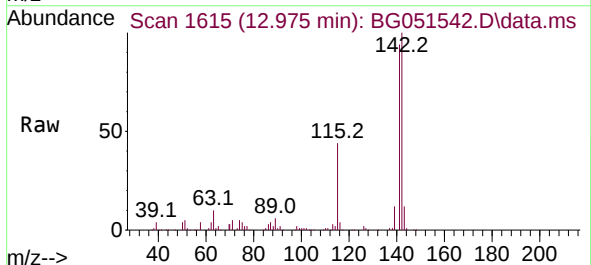
Instrument :
BNA_G
ClientSampleId :
DBLT1DL

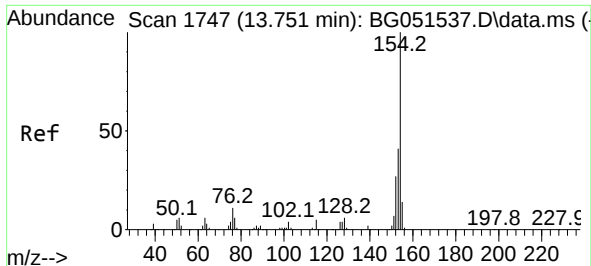
Tgt Ion:142 Resp: 696253
Ion Ratio Lower Upper
142 100
141 89.5 73.3 109.9



#37
1-Methylnaphthalene
Concen: 66.850 ng/ul
RT: 12.975 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

Tgt Ion:142 Resp: 345782
Ion Ratio Lower Upper
142 100
141 93.9 77.8 116.8
116 4.5 3.3 4.9

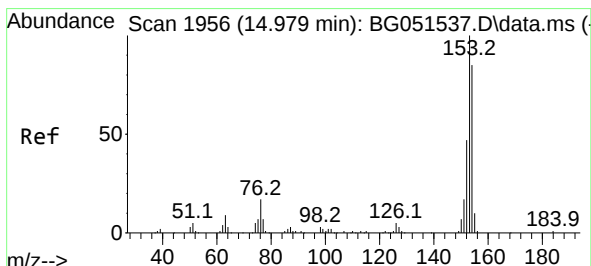
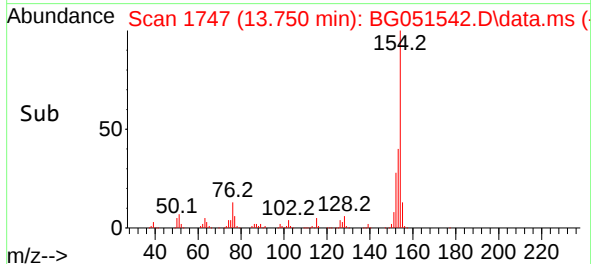
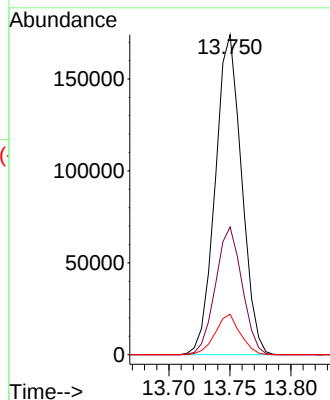
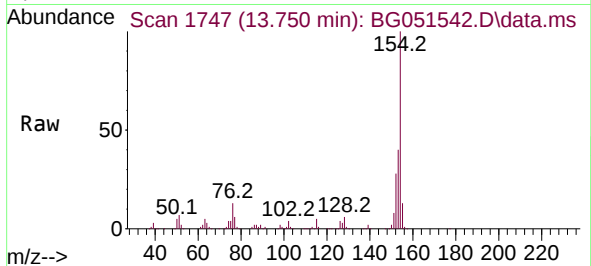




#43
1,1'-Biphenyl
Concen: 36.107 ng/ul
RT: 13.750 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

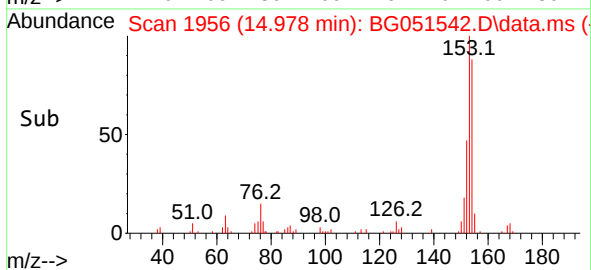
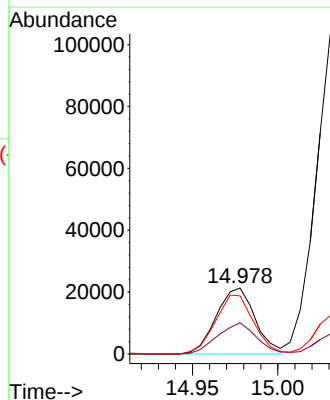
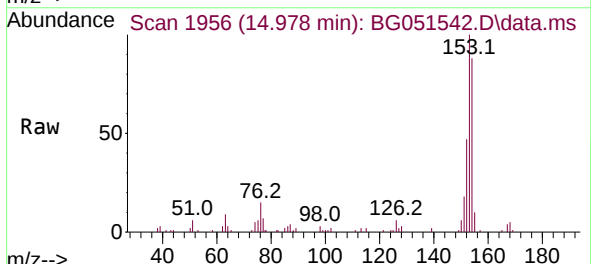
Instrument :
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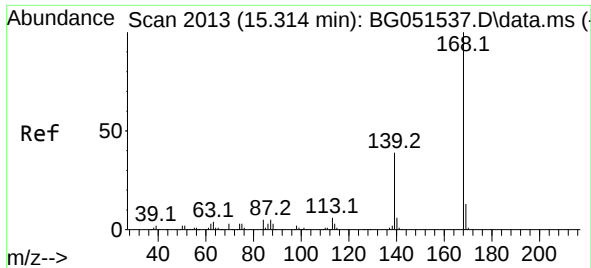
Tgt Ion:154 Resp: 262109
Ion Ratio Lower Upper
154 100
153 39.9 34.5 51.7
76 12.7 13.1 19.7#



#52
Acenaphthene
Concen: 5.543 ng/ul
RT: 14.978 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG051542.D
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Tgt Ion:153 Resp: 33748
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 87.9 65.8 98.6

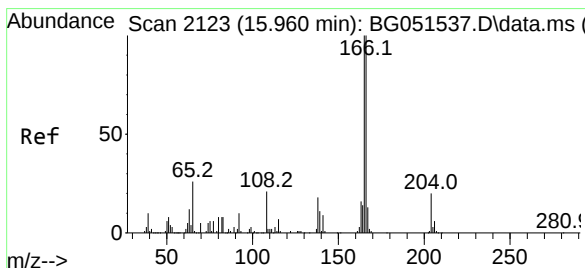
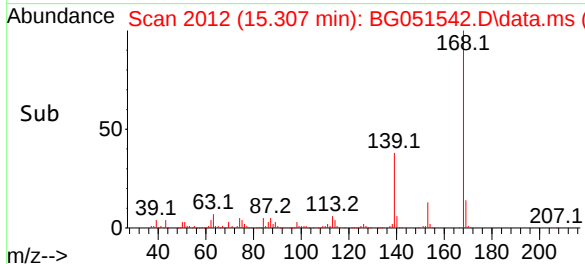
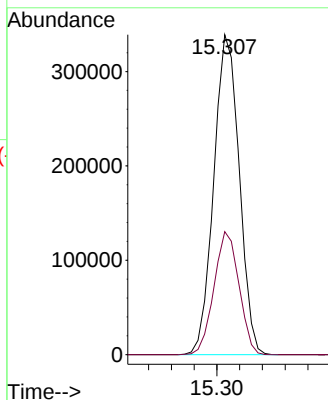
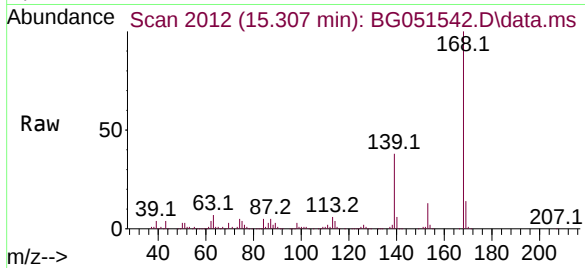




#56
Dibenzenofuran
Concen: 58.777 ng/ul
RT: 15.307 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

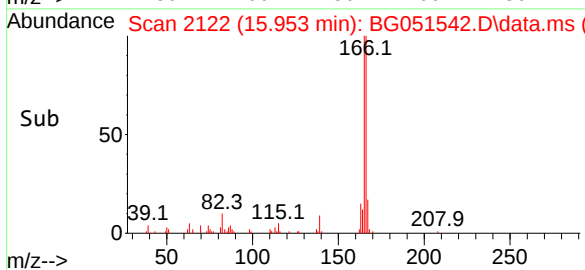
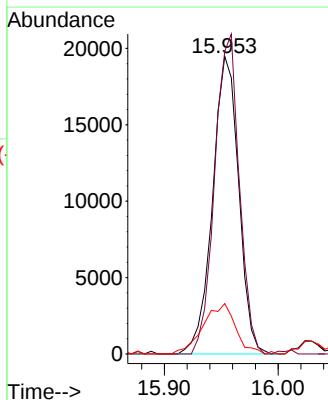
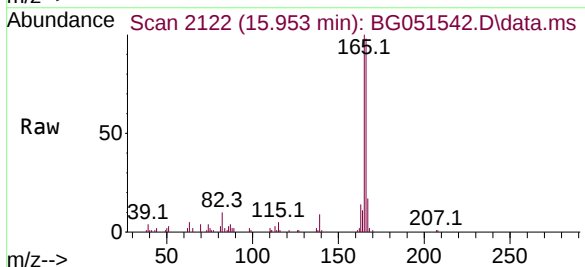
Instrument :
BNA_G
ClientSampleId :
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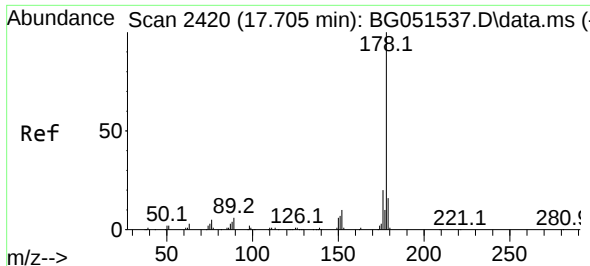
Tgt Ion:168 Resp: 527067
Ion Ratio Lower Upper
168 100
139 38.4 31.2 46.8



#61
Fluorene
Concen: 4.213 ng/ul
RT: 15.953 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

Tgt Ion:166 Resp: 31129
Ion Ratio Lower Upper
166 100
165 101.6 81.0 121.6
167 16.9 11.0 16.4#

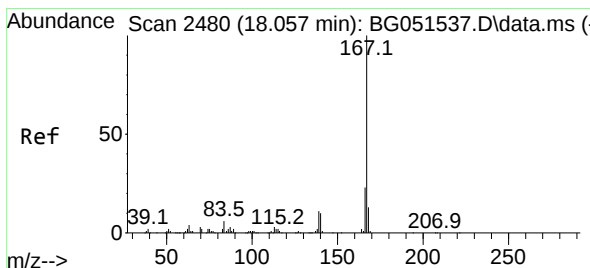
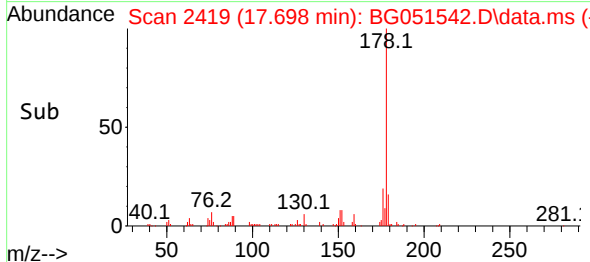
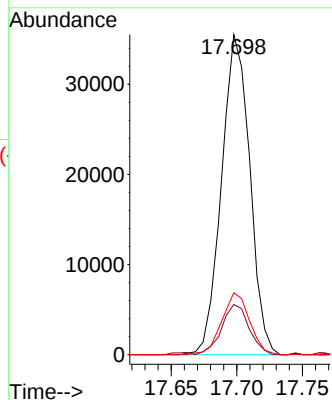
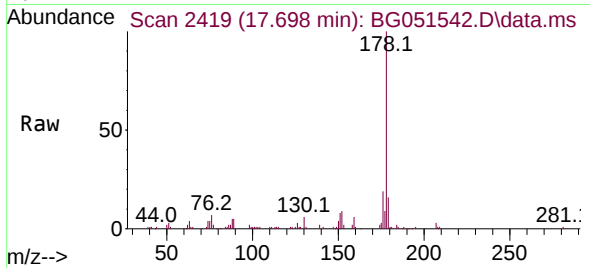




#72
Phenanthrene
Concen: 4.464 ng/ul
RT: 17.698 min Scan# 2419
Delta R.T. -0.012 min
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Tgt Ion:178 Resp: 53171
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.4 15.5 23.3



#77
Carbazole
Concen: 3.762 ng/ul
RT: 18.050 min Scan# 2479
Delta R.T. -0.012 min
Lab File: BG051542.D
Acq: 15 Dec 2021 18:21

Tgt Ion:167 Resp: 40545
Ion Ratio Lower Upper
167 100
166 19.9 17.3 25.9
139 10.6 10.6 16.0#

