

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056176.D
 Acq On : 30 Dec 2022 18:37
 Operator : CG/JU
 Sample : N6206-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Quant Time: Dec 31 00:19:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

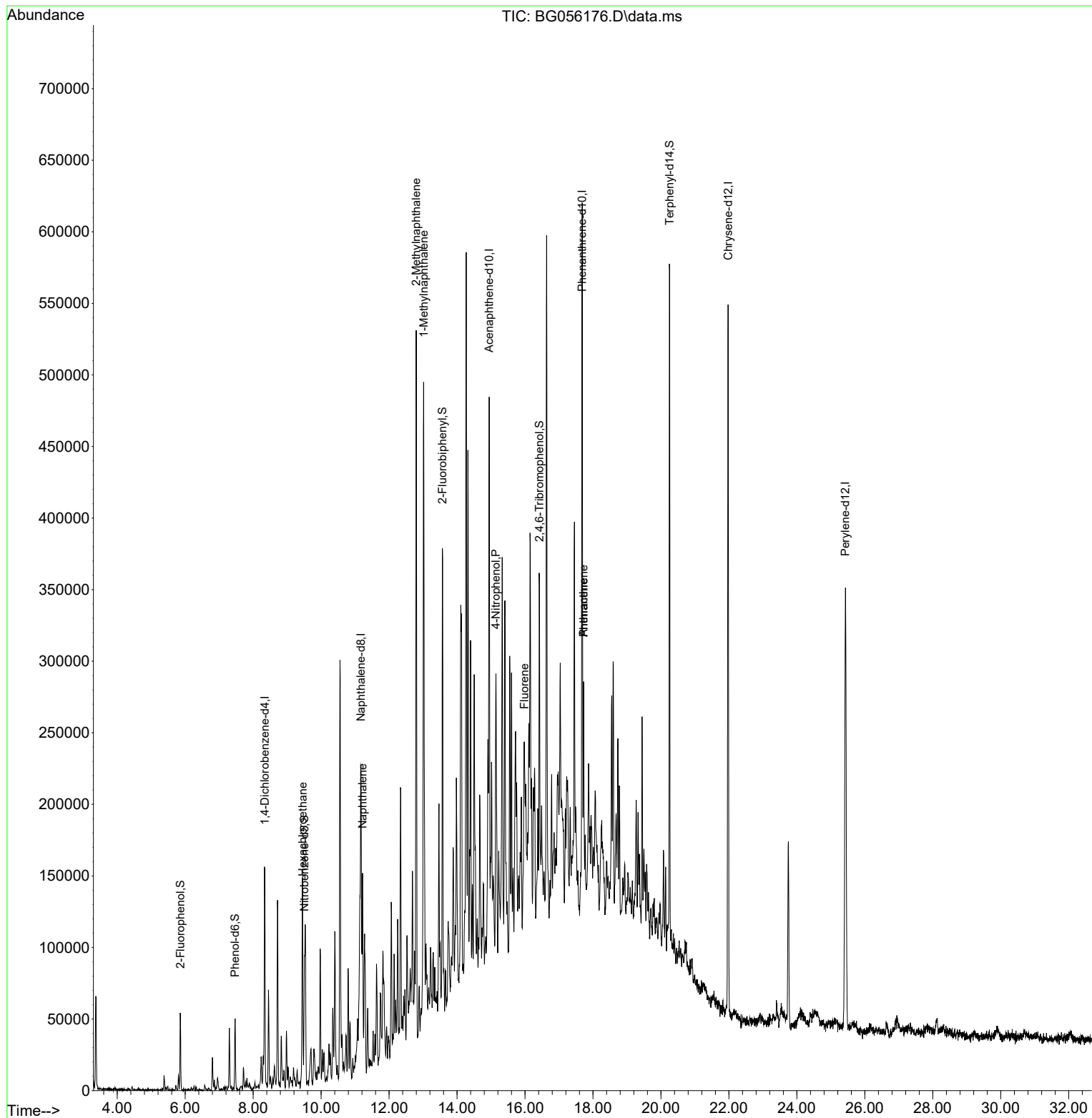
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	51928	20.000	ng	0.00
21) Naphthalene-d8	11.171	136	182450	20.000	ng	0.00
39) Acenaphthene-d10	14.943	164	140280	20.000	ng	0.00
64) Phenanthrene-d10	17.681	188	324116	20.000	ng	# 0.00
76) Chrysene-d12	21.976	240	346337	20.000	ng	0.00
86) Perylene-d12	25.425	264	383399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.854	112	28800	9.903	ng	0.00
7) Phenol-d6	7.463	99	25484	5.706	ng	0.00
23) Nitrobenzene-d5	9.508	82	59538	16.692	ng	0.00
42) 2,4,6-Tribromophenol	16.424	330	40276	22.670	ng	0.00
45) 2-Fluorobiphenyl	13.568	172	185252	18.236	ng	0.00
79) Terphenyl-d14	20.254	244	269196	13.921	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.455	117	23797	22.147	ng	# 1
31) Naphthalene	11.218	128	65440	6.815	ng	# 94
37) 2-Methylnaphthalene	12.798	142	250026	30.838	ng	99
38) 1-Methylnaphthalene	13.016	142	217662	28.910	ng	98
56) 4-Nitrophenol	15.143	139	9775	5.535	ng	# 34
58) Fluorene	15.983	166	38475	3.444	ng	# 95
71) Phenanthrene	17.722	178	99311	5.913	ng	97
72) Anthracene	17.722	178	99311	5.732	ng	97

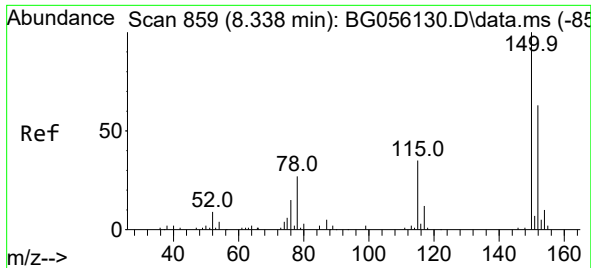
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056176.D
Acq On : 30 Dec 2022 18:37
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1DL

Quant Time: Dec 31 00:19:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
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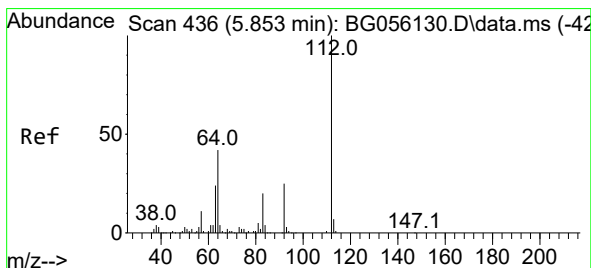
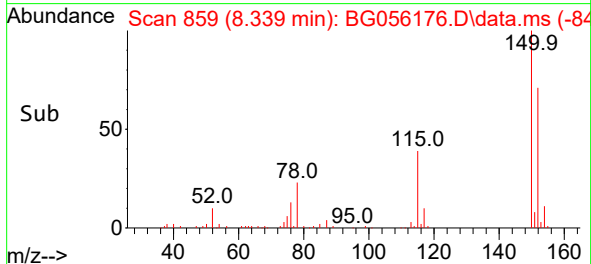
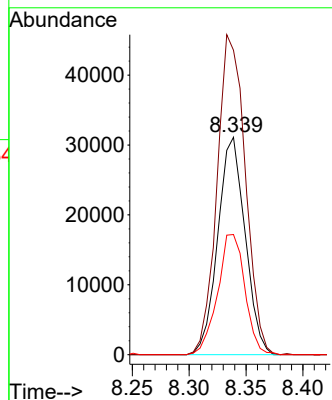
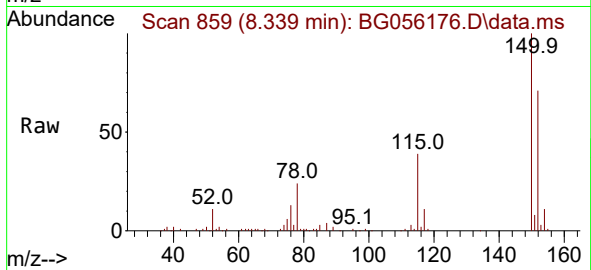




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

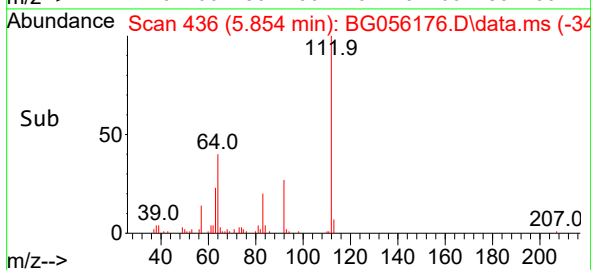
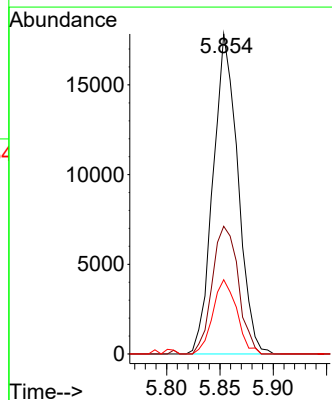
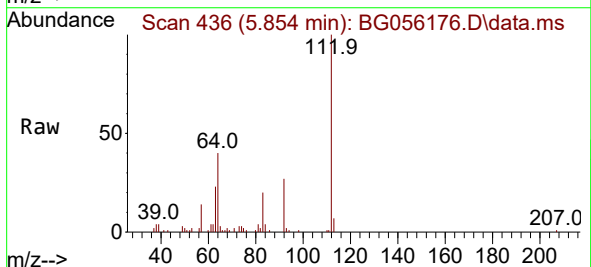
Instrument :
BNA_G
ClientSampleId :
MW-1DL

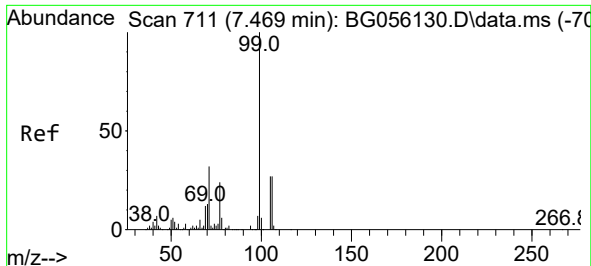
Tgt Ion:152 Resp: 51928
Ion Ratio Lower Upper
152 100
150 140.0 127.9 191.9
115 55.3 44.2 66.2



#5
2-Fluorophenol
Concen: 9.903 ng
RT: 5.854 min Scan# 436
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:112 Resp: 28800
Ion Ratio Lower Upper
112 100
64 39.9 33.3 49.9
63 23.2 19.0 28.4

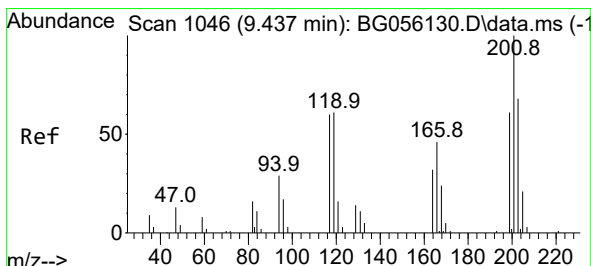
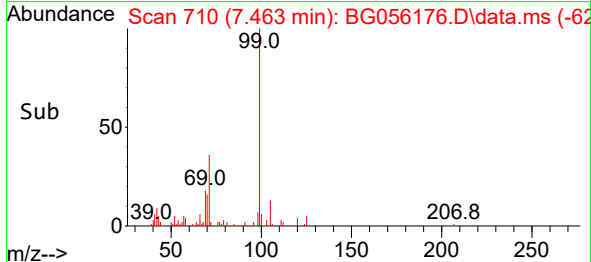
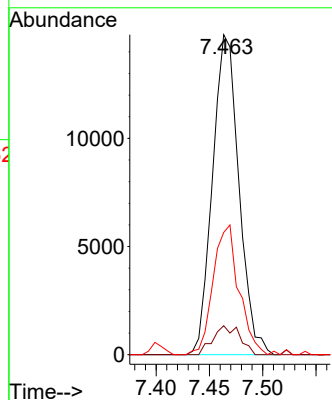
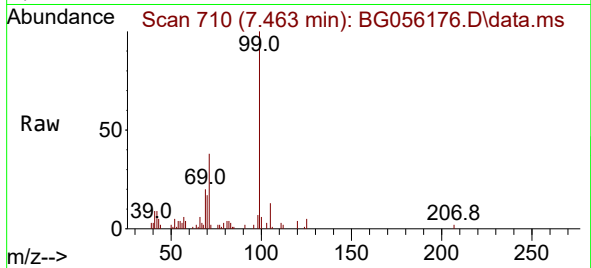




#7
Phenol-d6
Concen: 5.706 ng
RT: 7.463 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

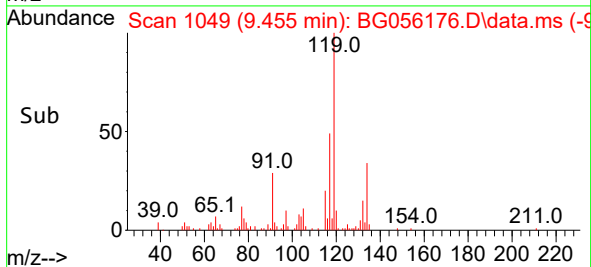
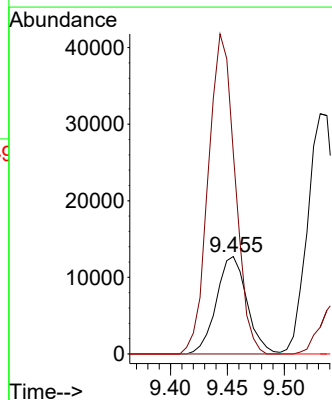
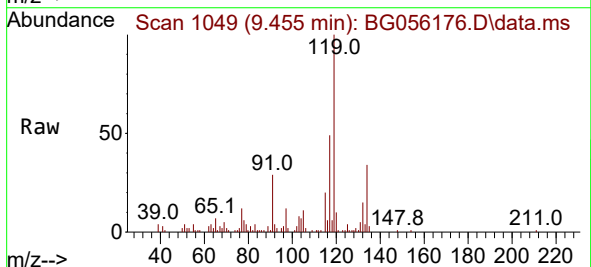
Instrument :
BNA_G
ClientSampleId :
MW-1DL

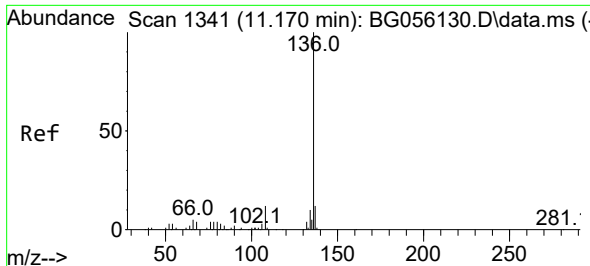
Tgt Ion: 99 Resp: 25484
Ion Ratio Lower Upper
99 100
42 9.0 5.9 8.9#
71 38.2 25.4 38.2#



#18
Hexachloroethane
Concen: 22.147 ng
RT: 9.455 min Scan# 1049
Delta R.T. 0.018 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion: 117 Resp: 23797
Ion Ratio Lower Upper
117 100
119 206.1 81.8 122.6#
201 0.0 134.2 201.2#

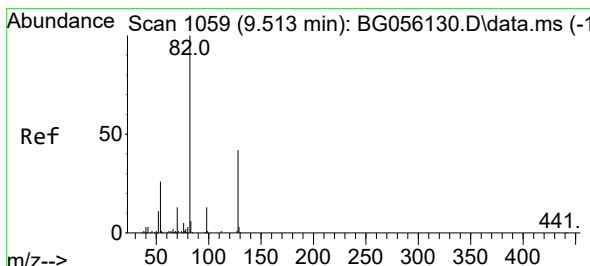
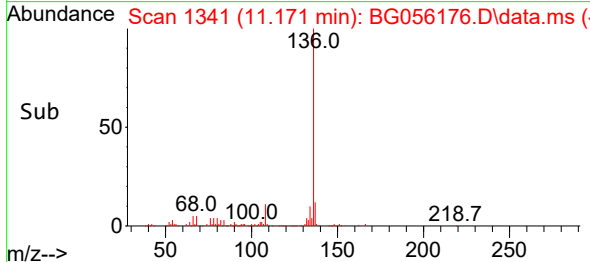
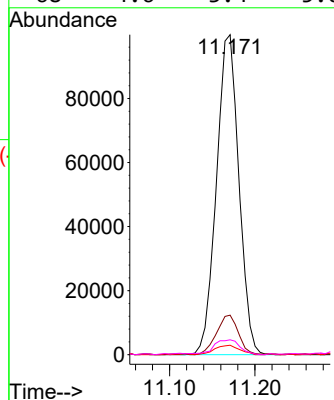
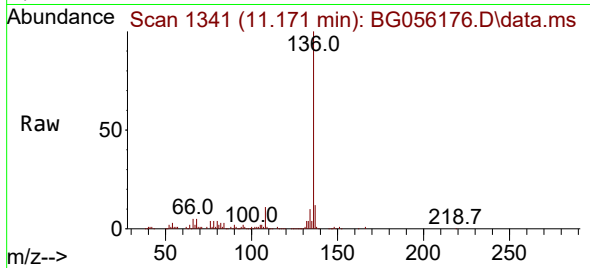




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.171 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

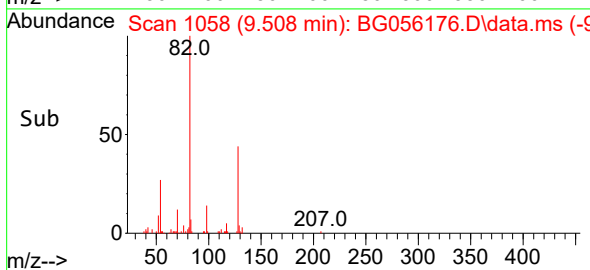
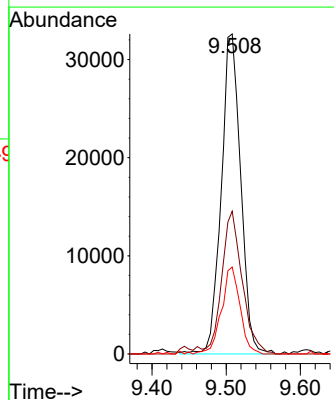
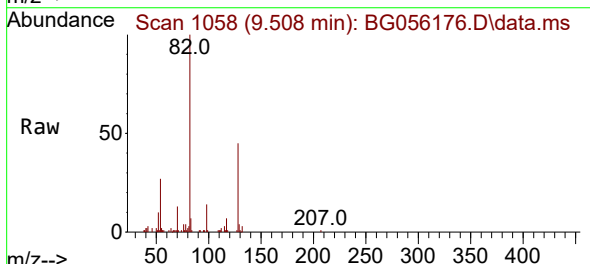
Instrument :
BNA_G
ClientSampleId :
MW-1DL

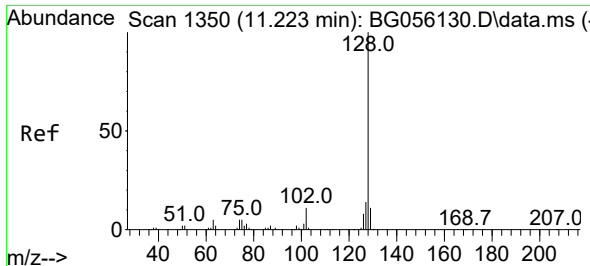
Tgt Ion:	136	Resp:	182450
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.0
54	3.0	2.2	3.2
68	4.6	3.4	5.0



#23
Nitrobenzene-d5
Concen: 16.692 ng
RT: 9.508 min Scan# 1058
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:	82	Resp:	59538
Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.4	50.2
54	27.2	20.3	30.5

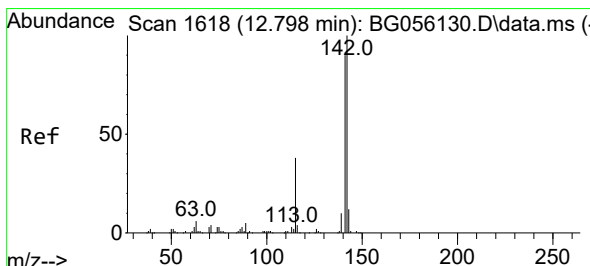
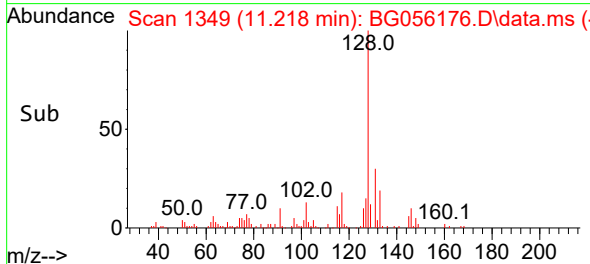
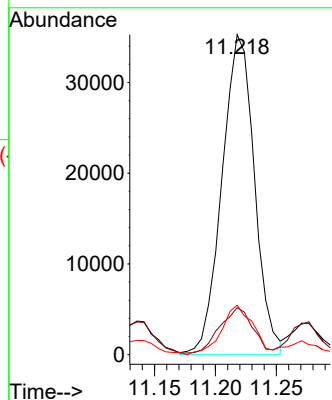
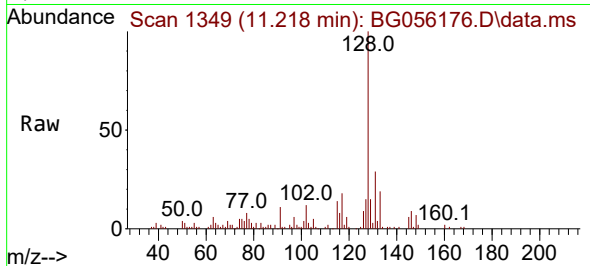




#31
Naphthalene
Concen: 6.815 ng
RT: 11.218 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

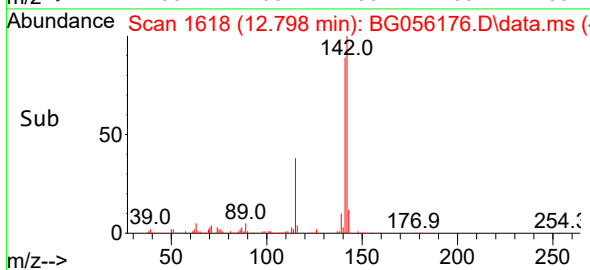
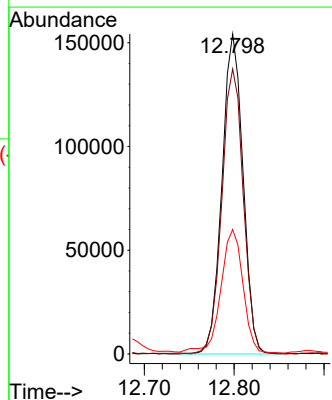
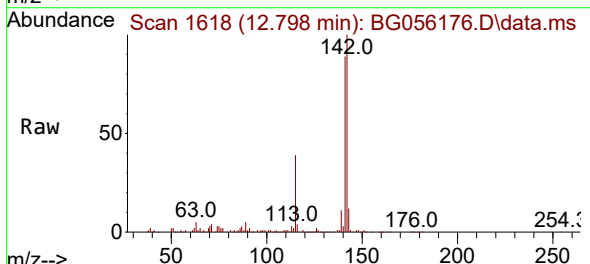
Instrument :
BNA_G
ClientSampleId :
MW-1DL

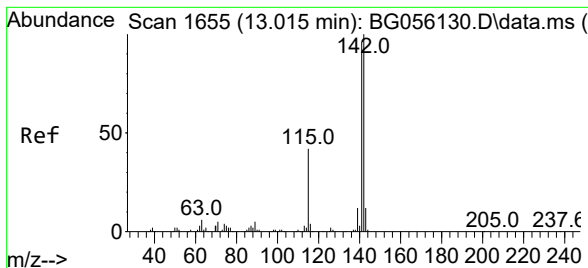
Tgt Ion:128 Resp: 65440
Ion Ratio Lower Upper
128 100
129 14.7 8.9 13.3#
127 15.4 11.2 16.8



#37
2-Methylnaphthalene
Concen: 30.838 ng
RT: 12.798 min Scan# 1618
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:142 Resp: 250026
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4
115 38.9 30.7 46.1





#38

1-Methylnaphthalene

Concen: 28.910 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056176.D

Acq: 30 Dec 2022 18:37

Instrument :

BNA_G

ClientSampleId :

MW-1DL

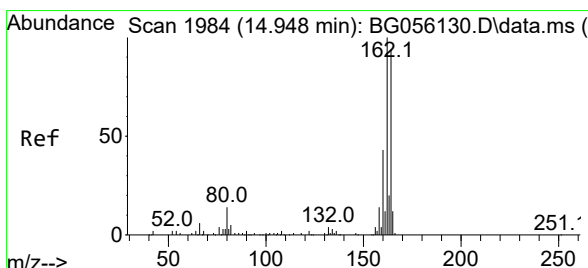
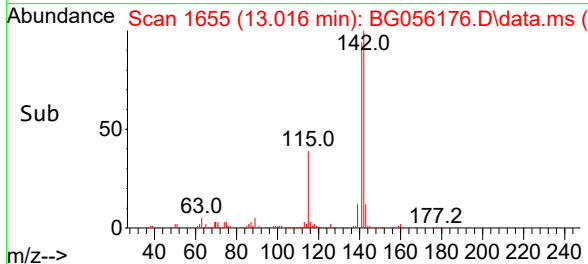
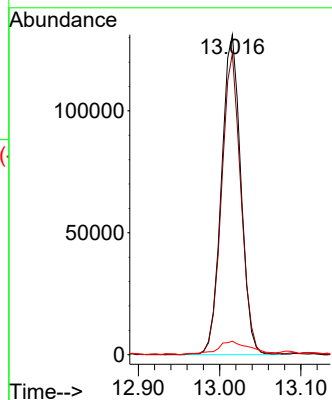
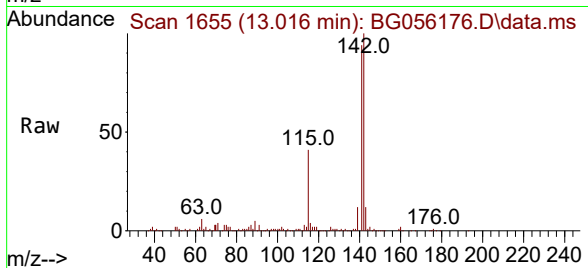
Tgt Ion:142 Resp: 217662

Ion Ratio Lower Upper

142 100

141 94.1 77.0 115.6

116 4.2 3.6 5.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.943 min Scan# 1983

Delta R.T. -0.005 min

Lab File: BG056176.D

Acq: 30 Dec 2022 18:37

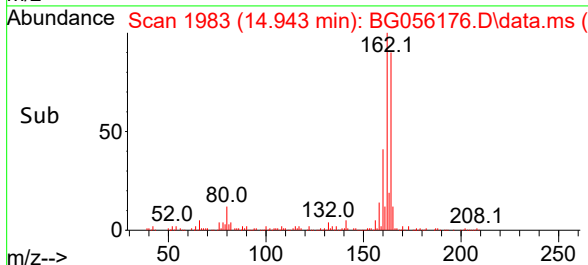
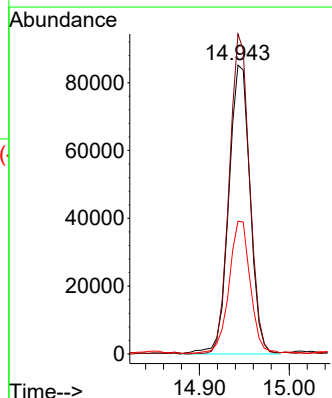
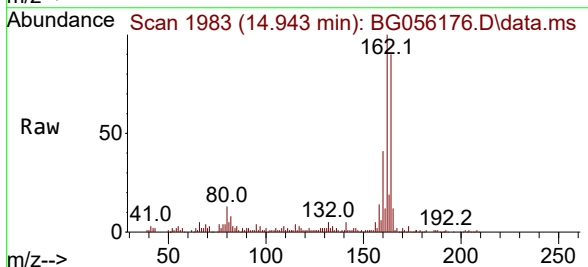
Tgt Ion:164 Resp: 140280

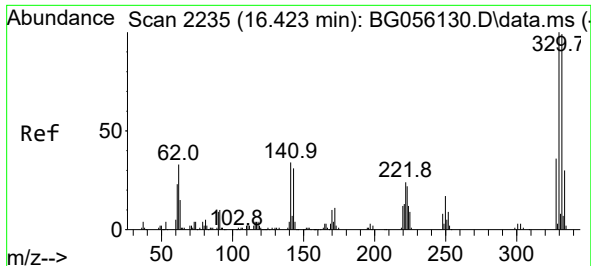
Ion Ratio Lower Upper

164 100

162 110.8 84.7 127.1

160 46.0 36.3 54.5

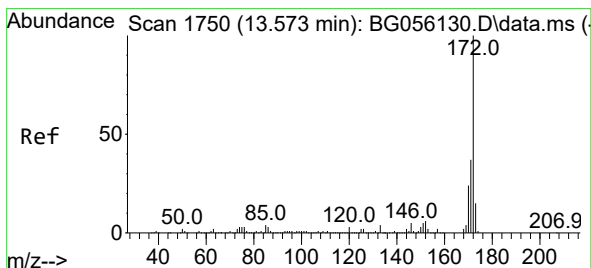
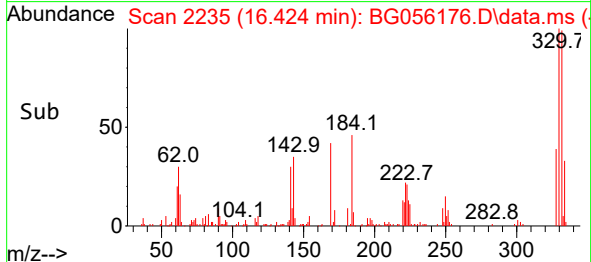
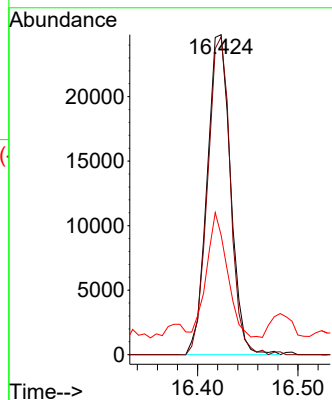
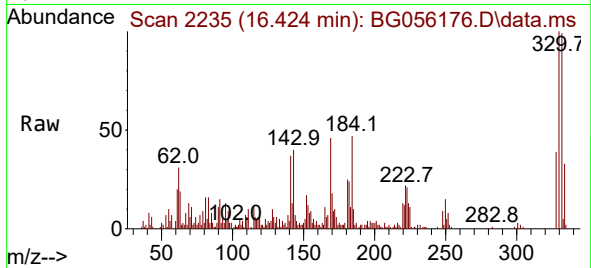




#42
2,4,6-Tribromophenol
Concen: 22.670 ng
RT: 16.424 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

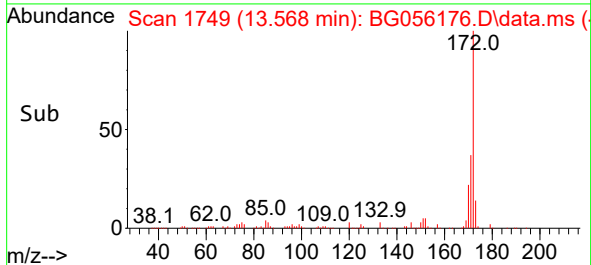
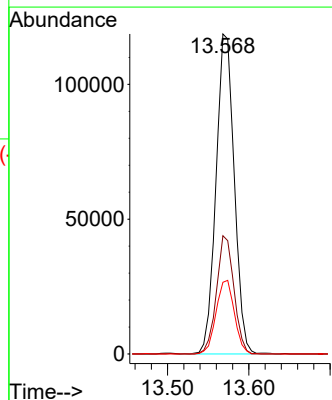
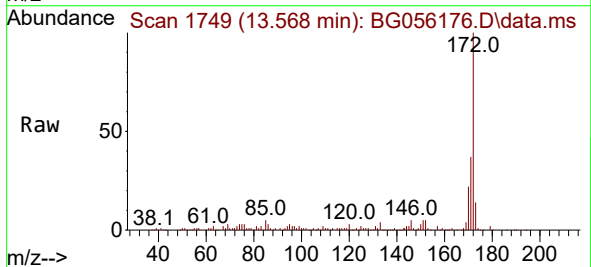
Instrument :
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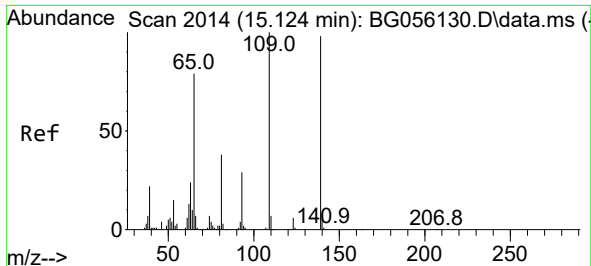
Tgt Ion:330 Resp: 40276
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 18.236 ng
RT: 13.568 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:172 Resp: 185252
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 22.4 19.4 29.2

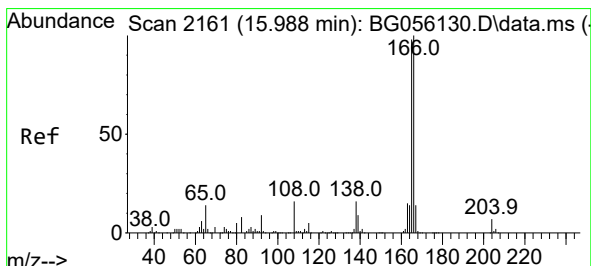
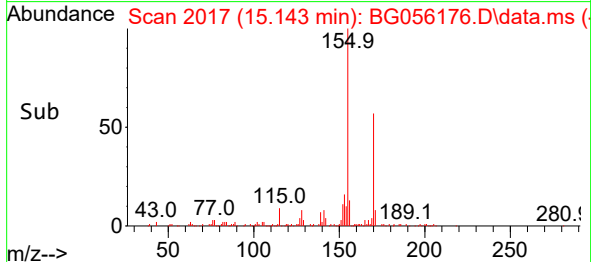
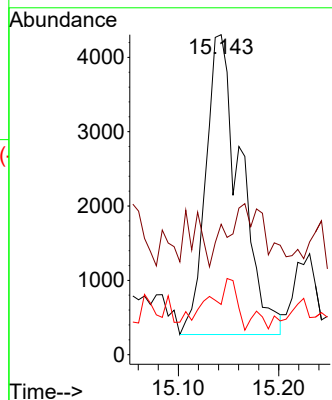
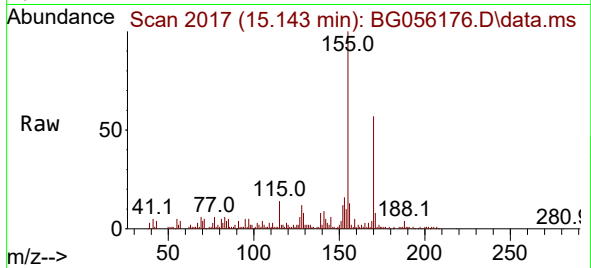




#56
4-Nitrophenol
Concen: 5.535 ng
RT: 15.143 min Scan# 2014
Delta R.T. 0.018 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

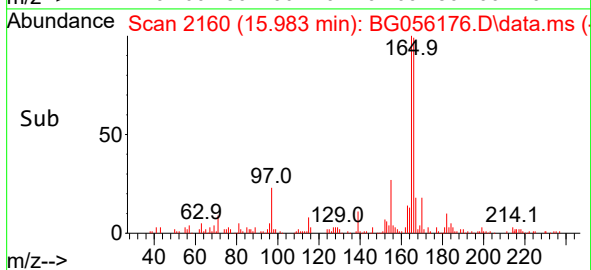
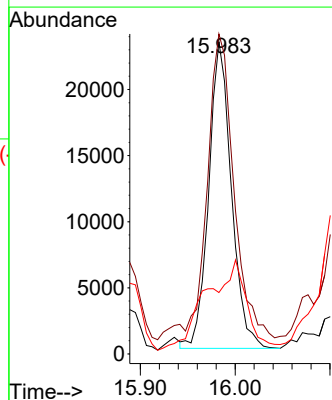
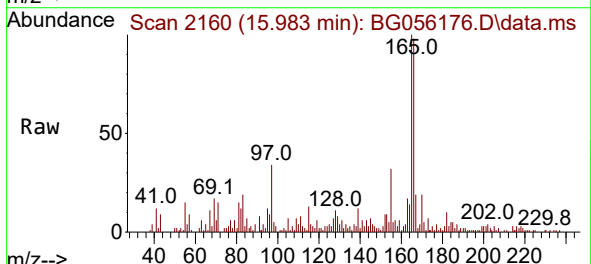
Instrument :
BNA_G
ClientSampleId :
MW-1DL

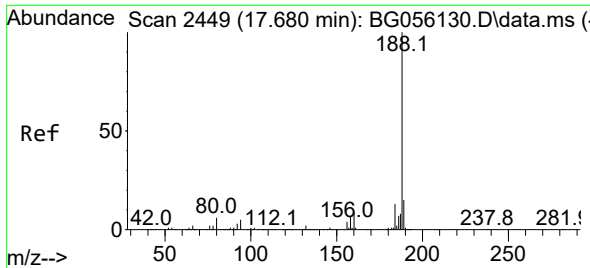
Tgt Ion:139 Resp: 9775
Ion Ratio Lower Upper
139 100
109 40.8 82.2 122.2#
65 15.7 60.6 100.6#



#58
Fluorene
Concen: 3.444 ng
RT: 15.983 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:166 Resp: 38475
Ion Ratio Lower Upper
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165 102.5 78.6 118.0
167 19.7 11.1 16.7#

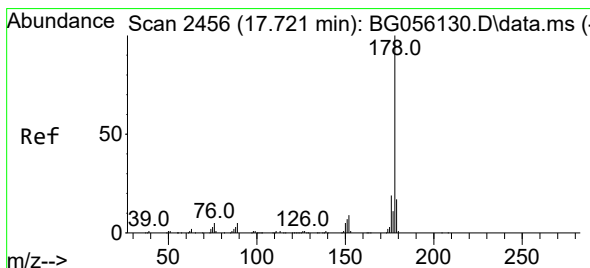
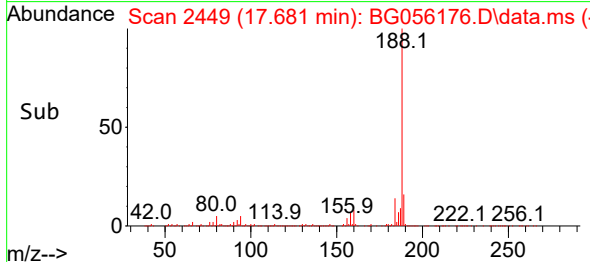
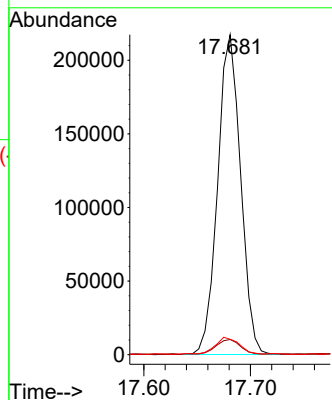
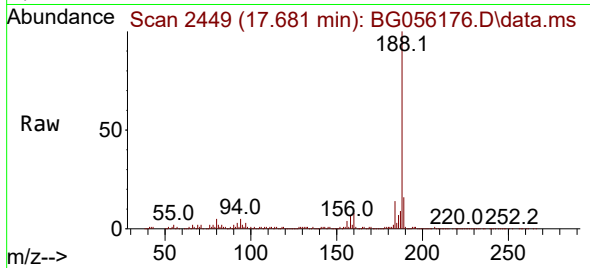




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.681 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

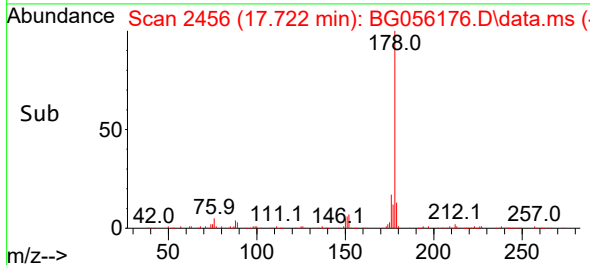
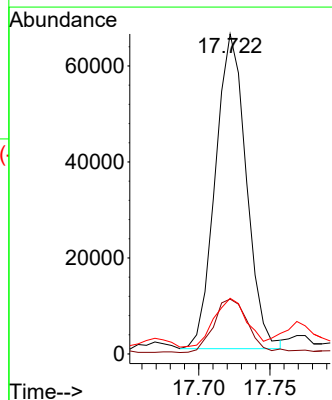
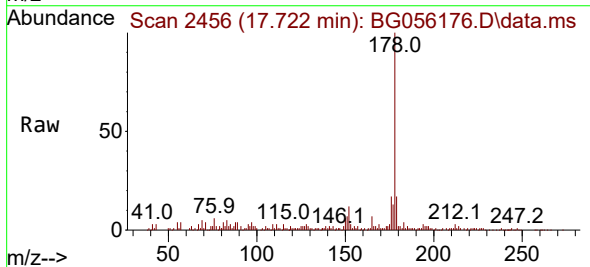
Instrument :
BNA_G
ClientSampleId :
MW-1DL

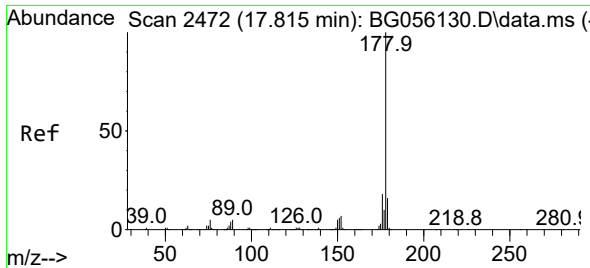
Tgt Ion:188 Resp: 324116
Ion Ratio Lower Upper
188 100
94 4.7 4.2 6.2
80 4.8 5.0 7.4#



#71
Phenanthrene
Concen: 5.913 ng
RT: 17.722 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

Tgt Ion:178 Resp: 99311
Ion Ratio Lower Upper
178 100
176 17.1 15.4 23.0
179 17.4 13.6 20.4

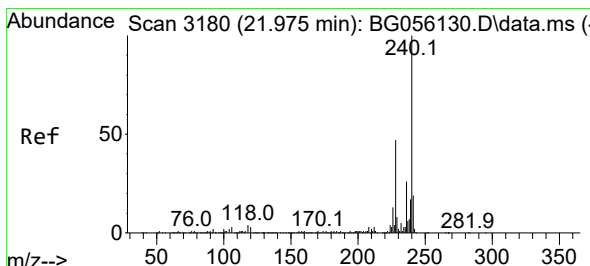
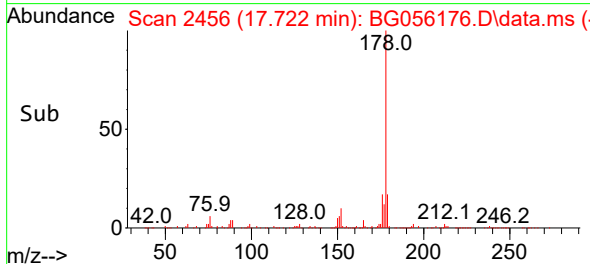
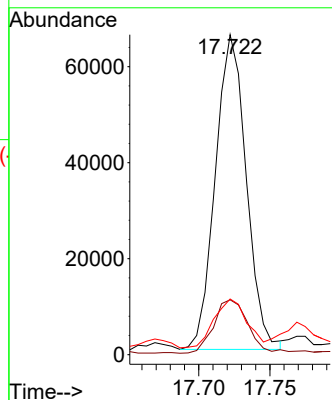
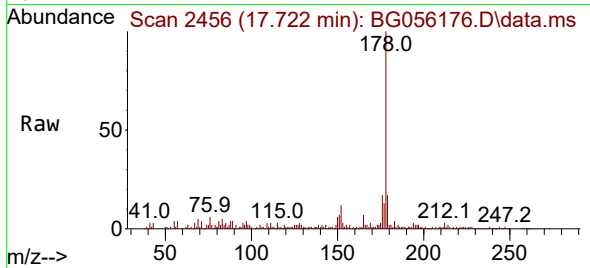




#72
 Anthracene
 Concen: 5.732 ng
 RT: 17.722 min Scan# 2472
 Delta R.T. -0.093 min
 Lab File: BG056176.D
 Acq: 30 Dec 2022 18:37

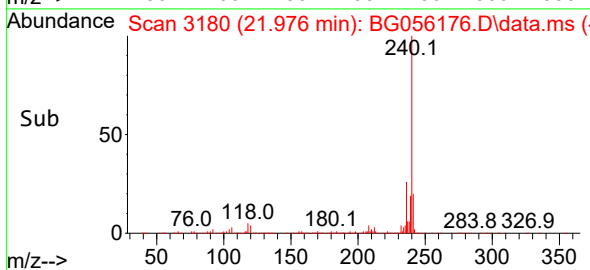
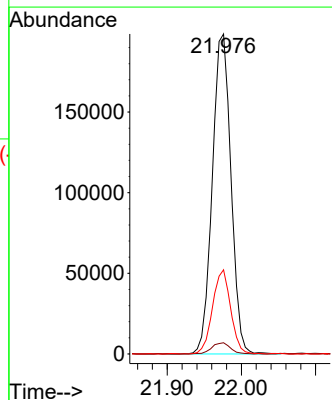
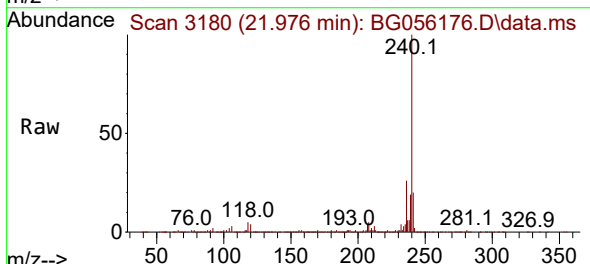
Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

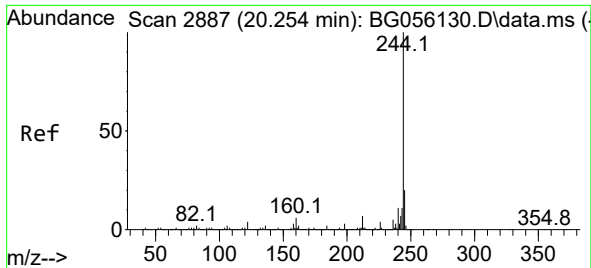
Tgt Ion:178 Resp: 99311
 Ion Ratio Lower Upper
 178 100
 176 17.1 14.6 22.0
 179 17.4 12.7 19.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.976 min Scan# 3180
 Delta R.T. 0.001 min
 Lab File: BG056176.D
 Acq: 30 Dec 2022 18:37

Tgt Ion:240 Resp: 346337
 Ion Ratio Lower Upper
 240 100
 120 3.5 2.6 4.0
 236 26.3 20.8 31.2

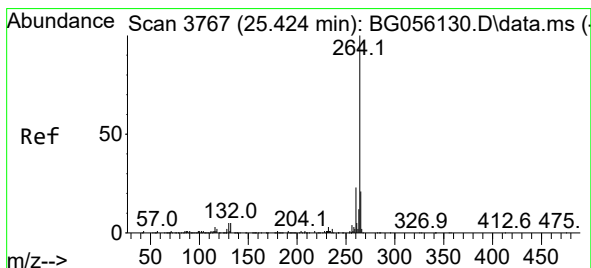
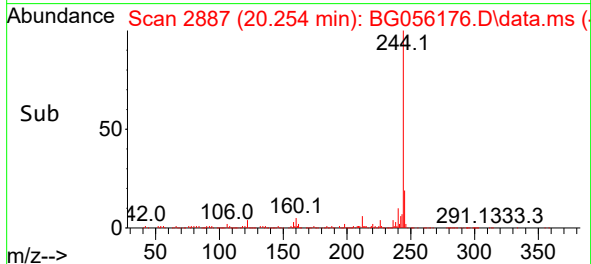
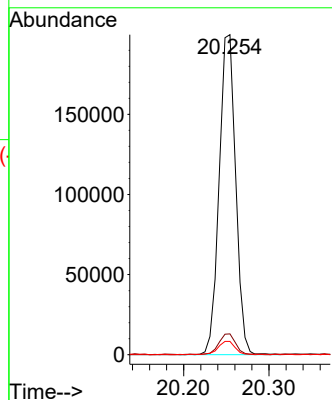
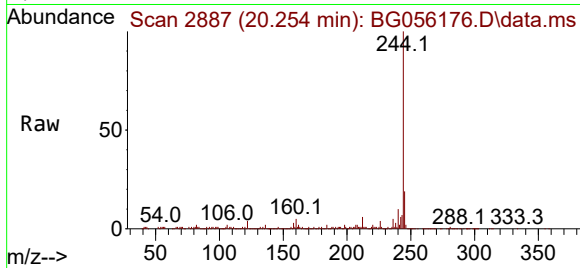




#79
 Terphenyl-d14
 Concen: 13.921 ng
 RT: 20.254 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056176.D
 Acq: 30 Dec 2022 18:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Tgt Ion:244 Resp: 269196
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 4.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.425 min Scan# 3767
 Delta R.T. 0.001 min
 Lab File: BG056176.D
 Acq: 30 Dec 2022 18:37

Tgt Ion:264 Resp: 383399
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.2 16.7 25.1

