

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)

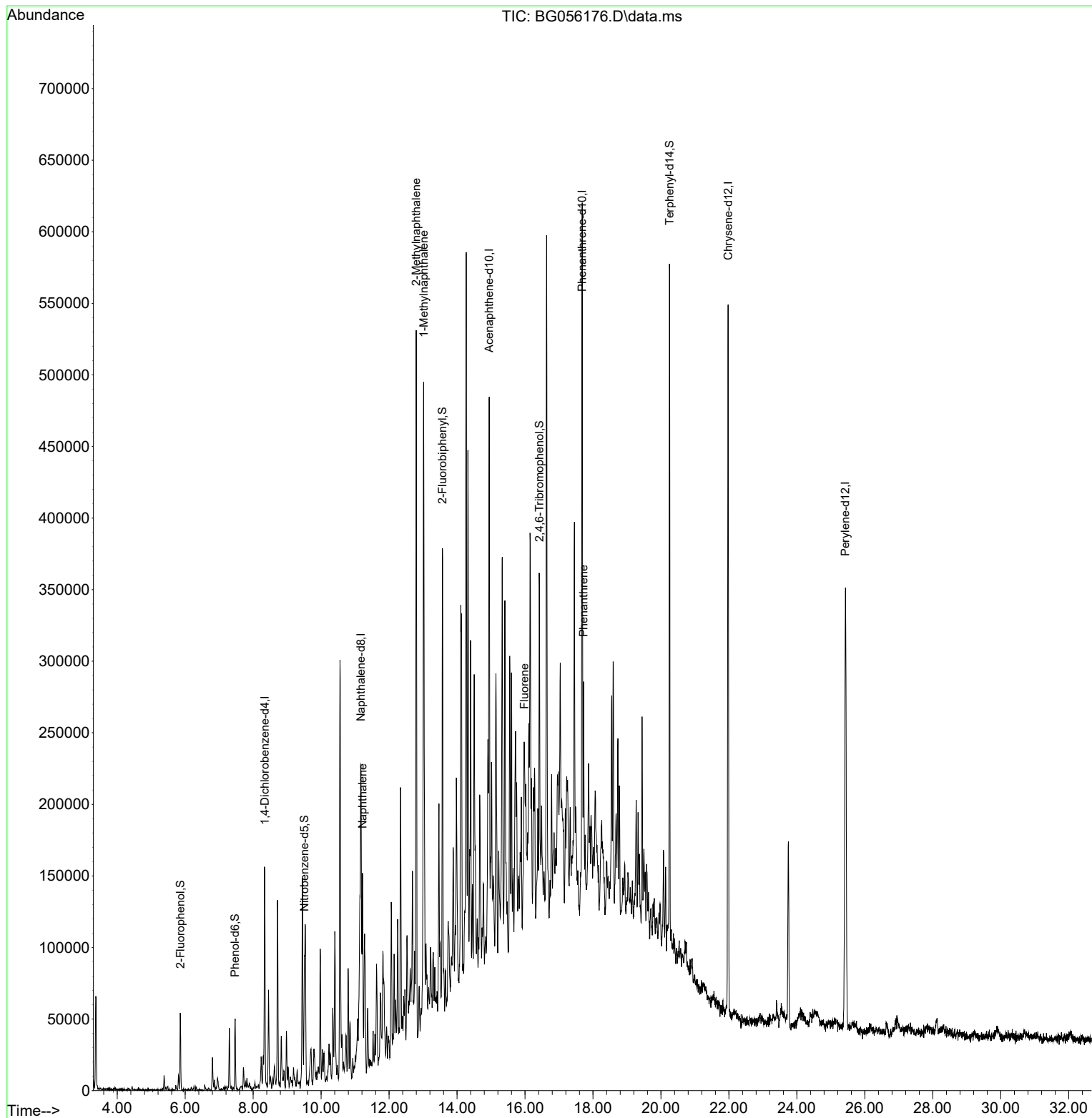
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	51928	20.000	ng	0.00
21) Naphthalene-d8	11.171	136	182450	20.000	ng	0.00
39) Acenaphthene-d10	14.943	164	140280	20.000	ng	0.00
64) Phenanthrene-d10	17.681	188	324116	20.000	ng	# 0.00
76) Chrysene-d12	21.976	240	346337	20.000	ng	0.00
86) Perylene-d12	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
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
58) Fluorene	15.983	166	38475	3.444	ng	# 95
71) Phenanthrene	17.722	178	99311	5.913	ng	97

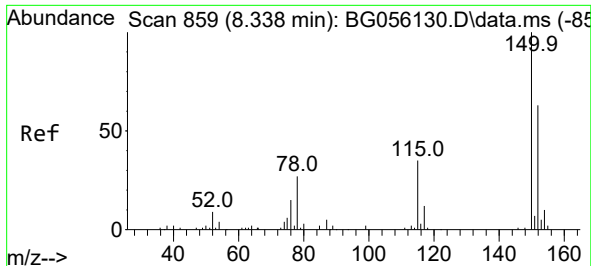
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056176.D
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Operator : CG/JU
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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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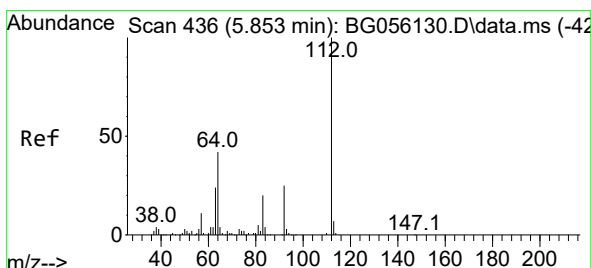
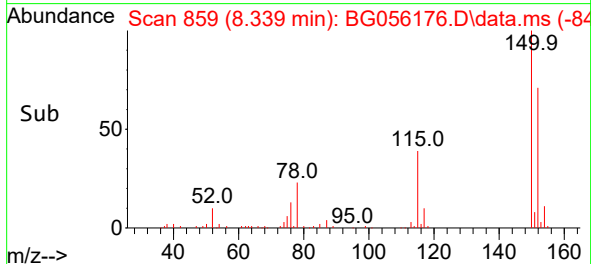
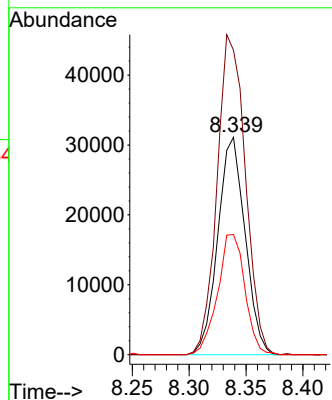
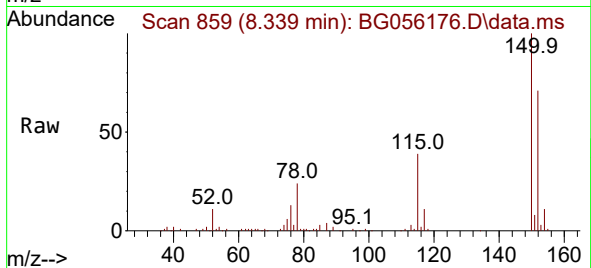




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

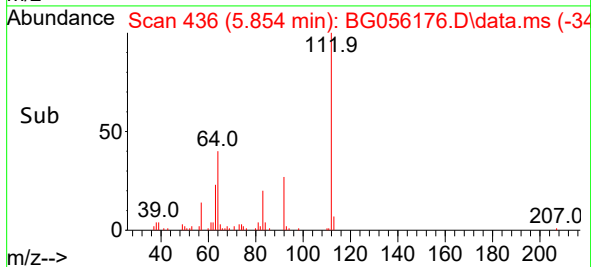
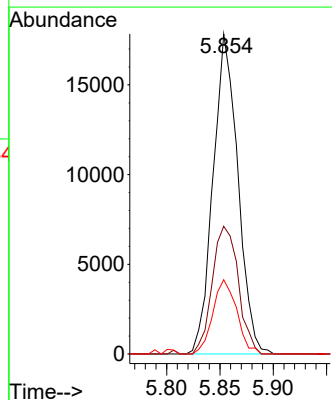
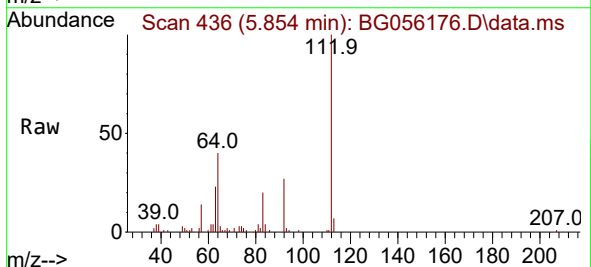
Instrument :
BNA_G
ClientSampleId :
MW-1DL

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

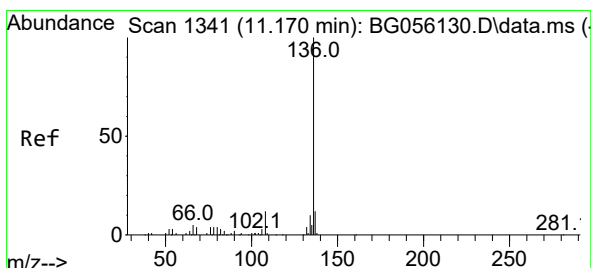
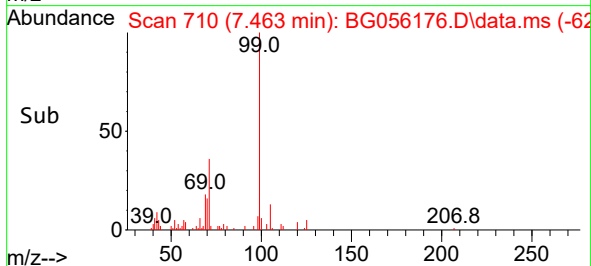
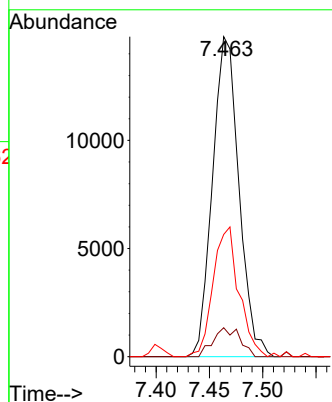
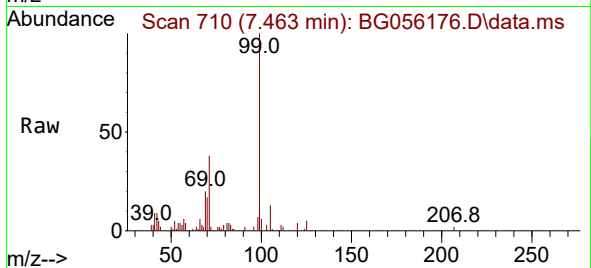




#7
Phenol-d6
Concen: 5.706 ng
RT: 7.463 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

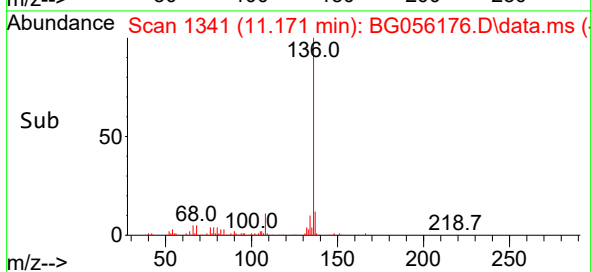
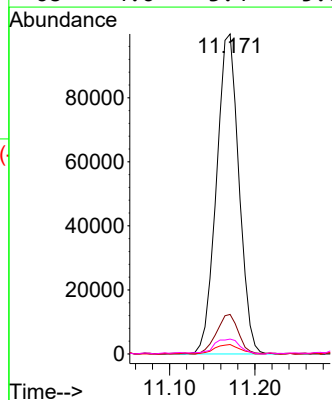
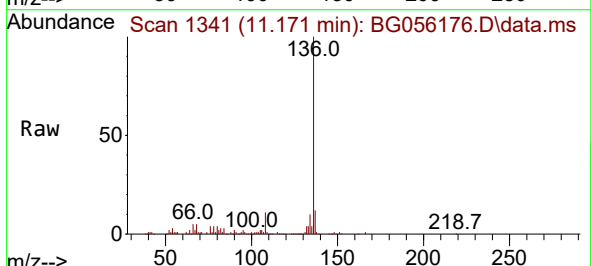
Instrument :
BNA_G
ClientSampleId :
MW-1DL

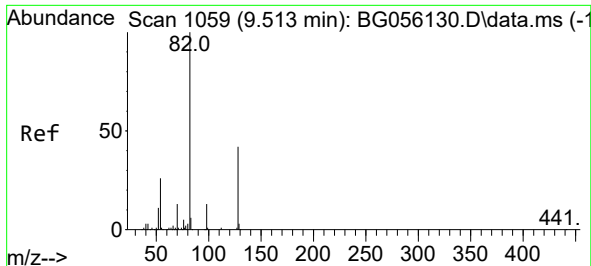
Tgt Ion: 99 Resp: 25484
Ion Ratio Lower Upper
99 100
42 9.0 5.9 8.9#
71 38.2 25.4 38.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.171 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

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

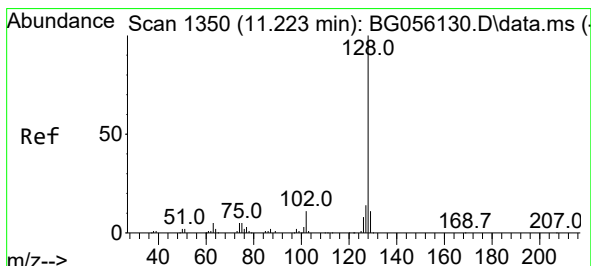
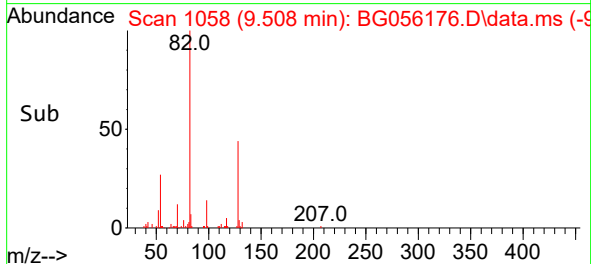
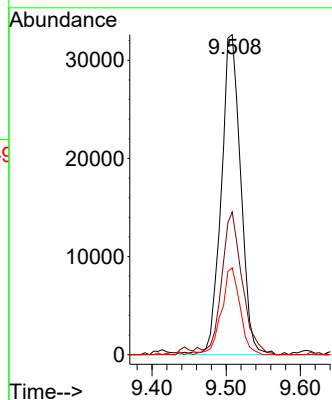
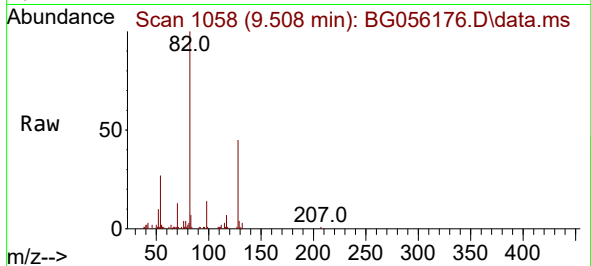




#23
Nitrobenzene-d5
Concen: 16.692 ng
RT: 9.508 min Scan# 1058
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

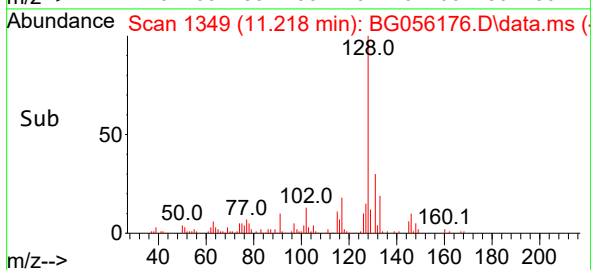
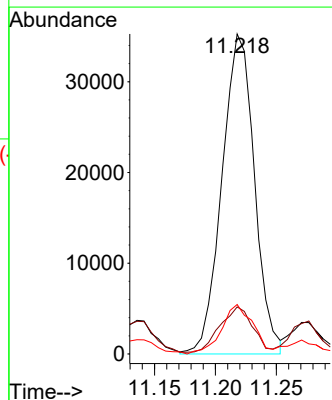
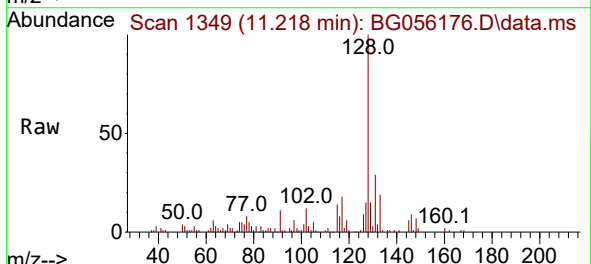
Instrument :
BNA_G
ClientSampleId :
MW-1DL

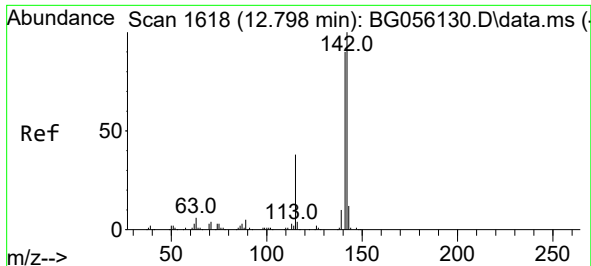
Tgt Ion: 82 Resp: 59538
Ion Ratio Lower Upper
82 100
128 44.6 33.4 50.2
54 27.2 20.3 30.5



#31
Naphthalene
Concen: 6.815 ng
RT: 11.218 min Scan# 1349
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

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# 1

Delta R.T. 0.001 min

Lab File: BG056176.D

Acq: 30 Dec 2022 18:37

Instrument :

BNA_G

ClientSampleId :

MW-1DL

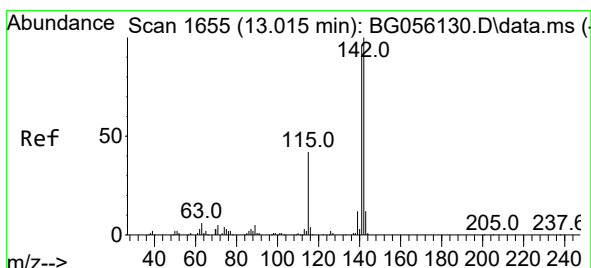
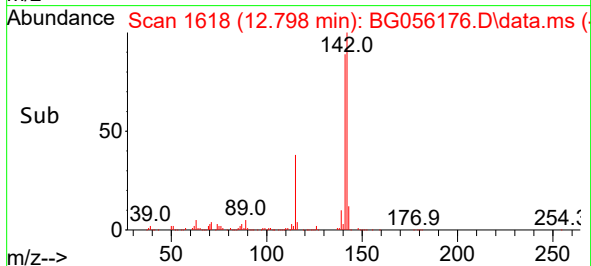
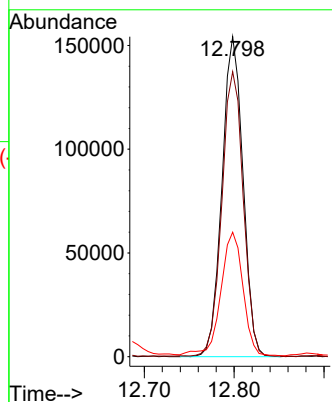
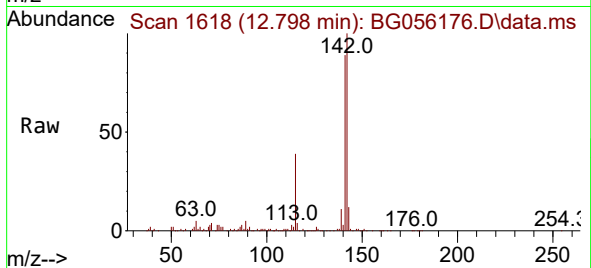
Tgt Ion:142 Resp: 250026

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# 1655

Delta R.T. 0.001 min

Lab File: BG056176.D

Acq: 30 Dec 2022 18:37

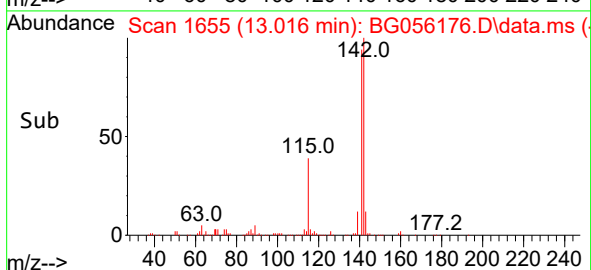
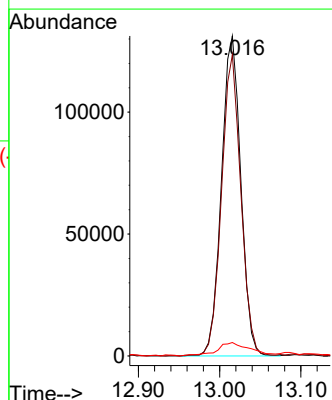
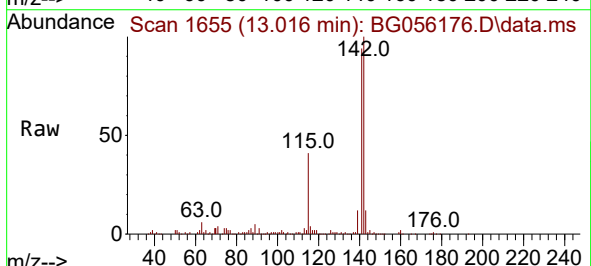
Tgt Ion:142 Resp: 217662

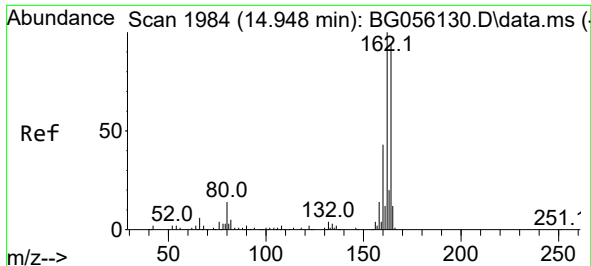
Ion Ratio Lower Upper

142 100

141 94.1 77.0 115.6

116 4.2 3.6 5.4

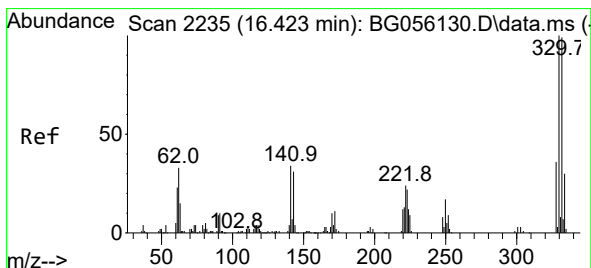
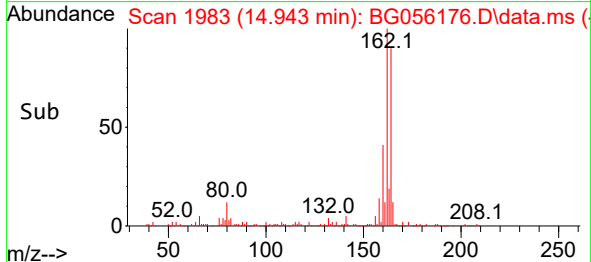
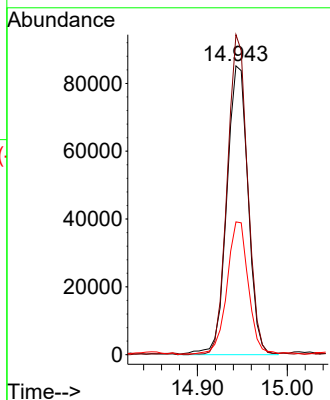
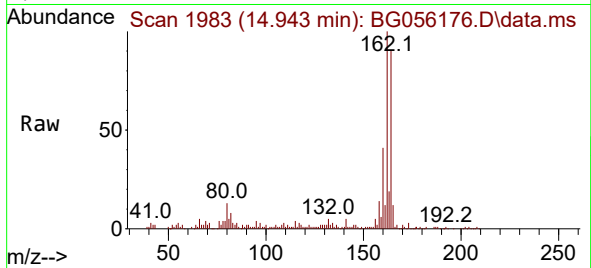




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.943 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

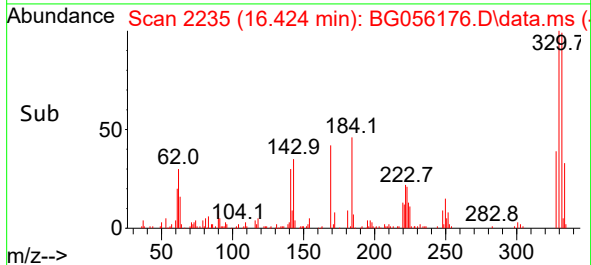
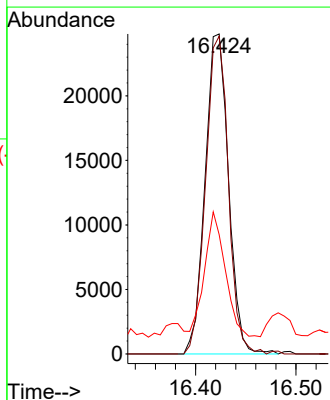
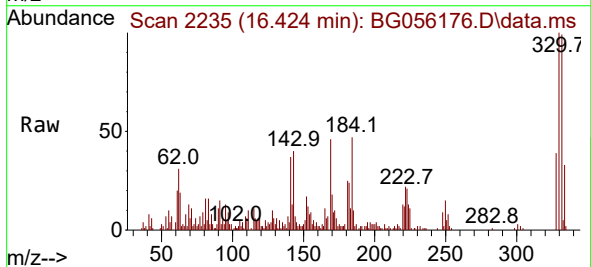
Instrument :
BNA_G
ClientSampleId :
MW-1DL

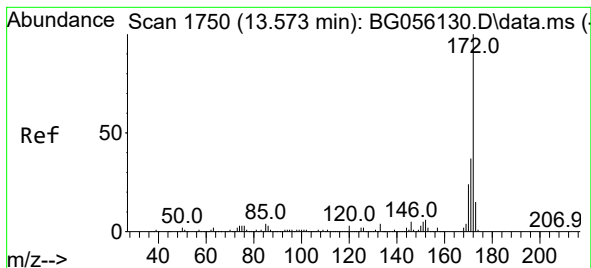
Tgt Ion:164 Resp: 140280
Ion Ratio Lower Upper
164 100
162 110.8 84.7 127.1
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 22.670 ng
RT: 16.424 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

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# 1

Delta R.T. -0.005 min

Lab File: BG056176.D

Acq: 30 Dec 2022 18:37

Instrument :

BNA_G

ClientSampleId :

MW-1DL

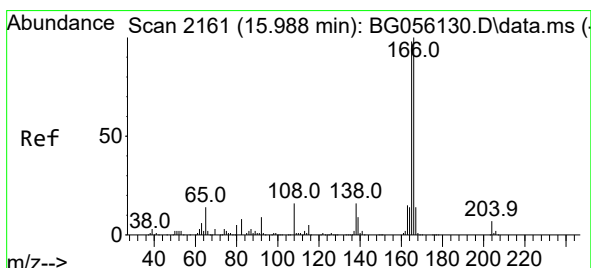
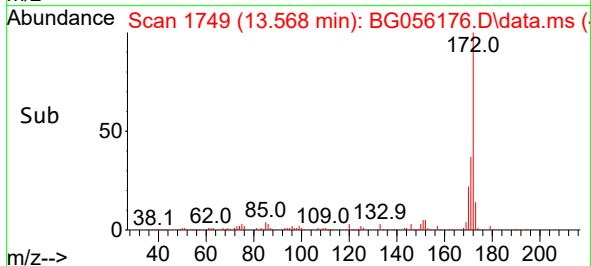
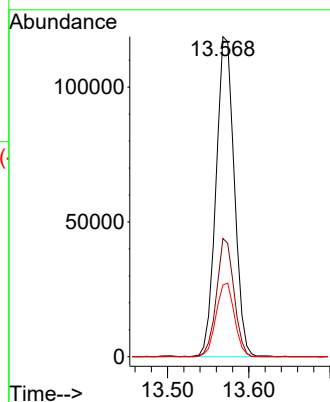
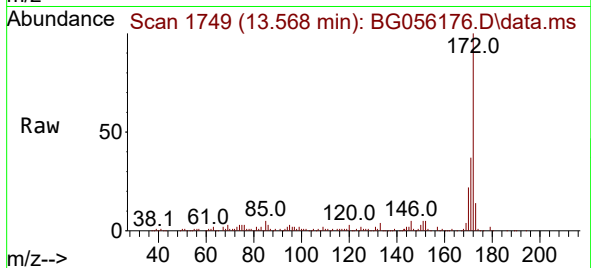
Tgt Ion:172 Resp: 185252

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 22.4 19.4 29.2



#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

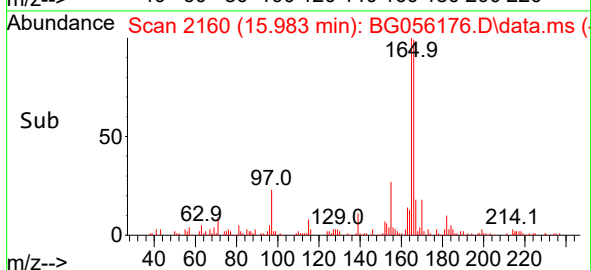
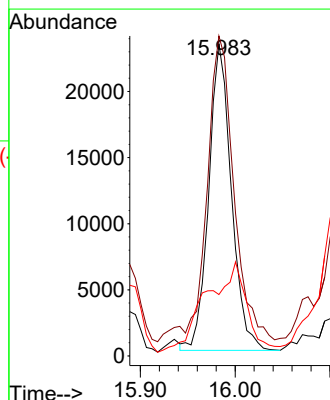
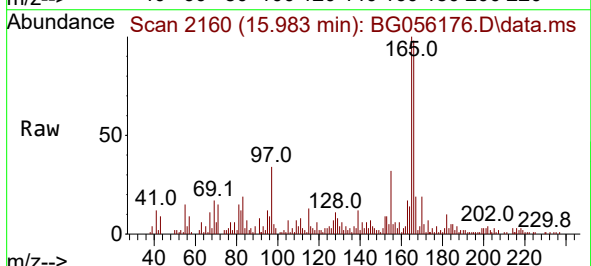
Tgt Ion:166 Resp: 38475

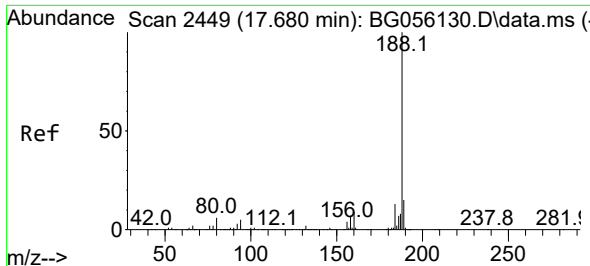
Ion Ratio Lower Upper

166 100

165 102.5 78.6 118.0

167 19.7 11.1 16.7#

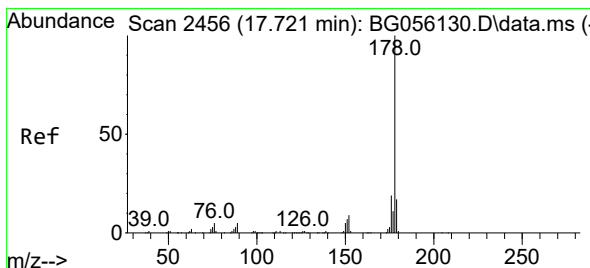
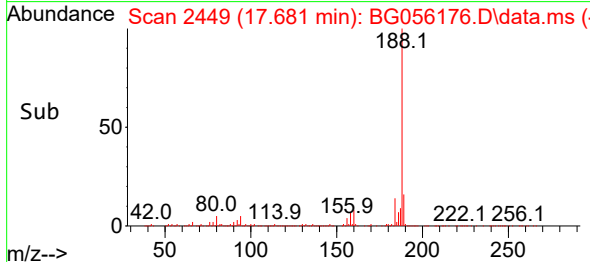
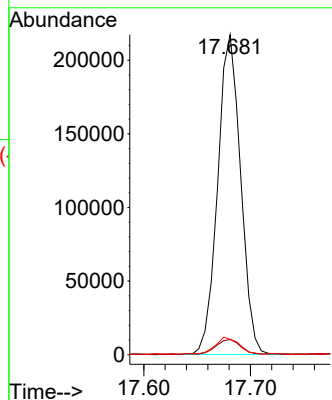
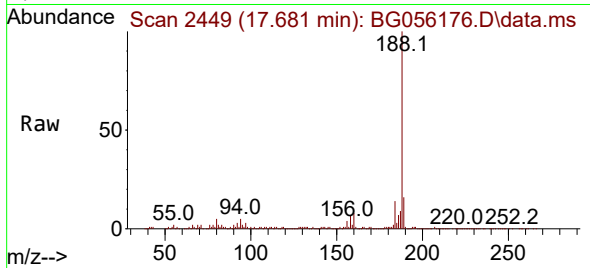




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.681 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

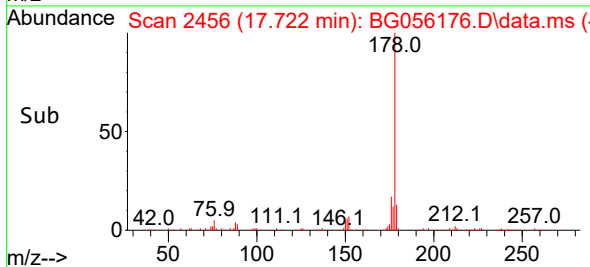
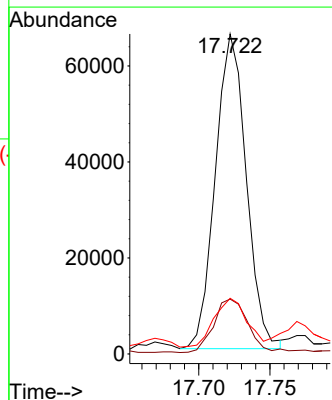
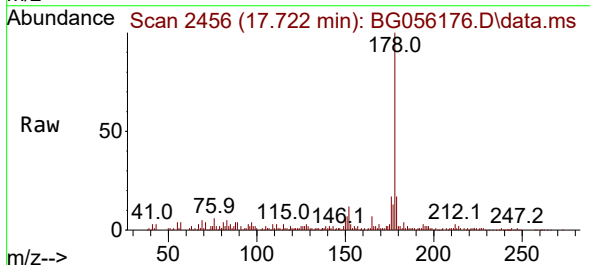
Instrument :
BNA_G
ClientSampleId :
MW-1DL

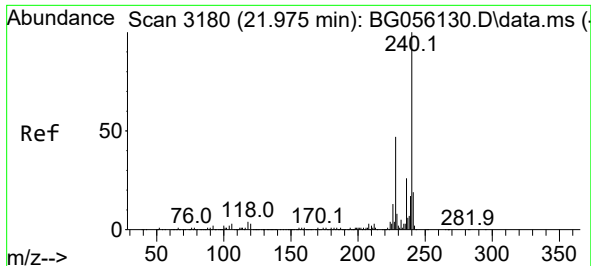
Tgt Ion:188 Resp: 324116
Ion Ratio Lower Upper
188 100
94 4.7 4.2 6.2
80 4.8 5.0 7.4#



#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

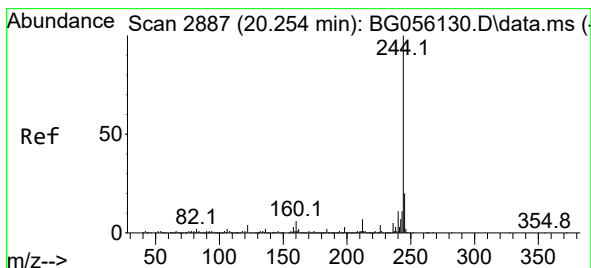
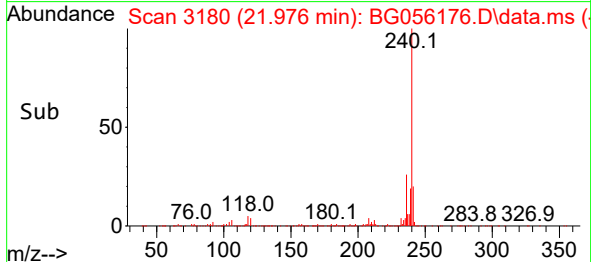
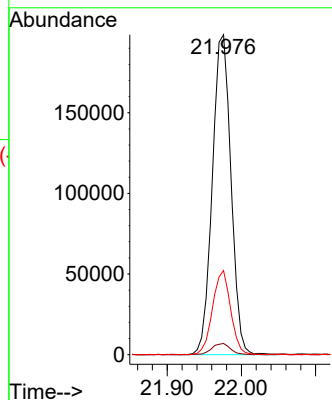
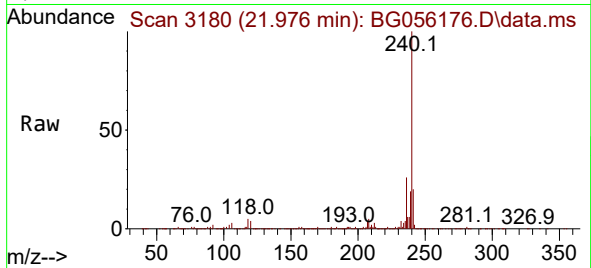




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.976 min Scan# 3180
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

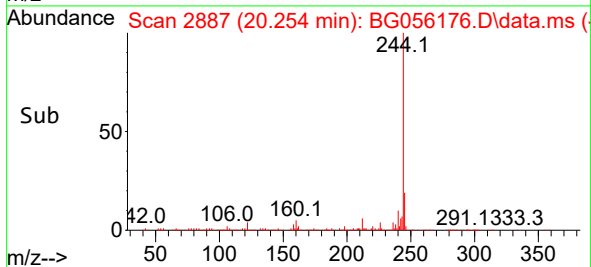
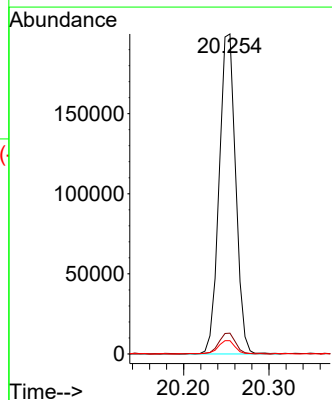
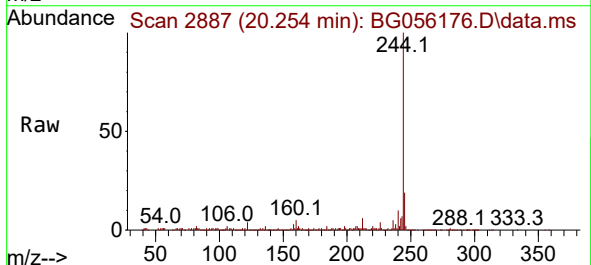
Instrument :
BNA_G
ClientSampleId :
MW-1DL

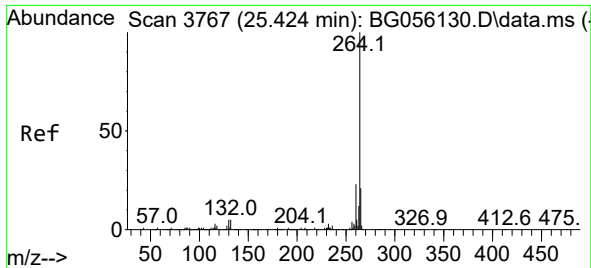
Tgt Ion:240 Resp: 346337
Ion Ratio Lower Upper
240 100
120 3.5 2.6 4.0
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 13.921 ng
RT: 20.254 min Scan# 2887
Delta R.T. 0.001 min
Lab File: BG056176.D
Acq: 30 Dec 2022 18:37

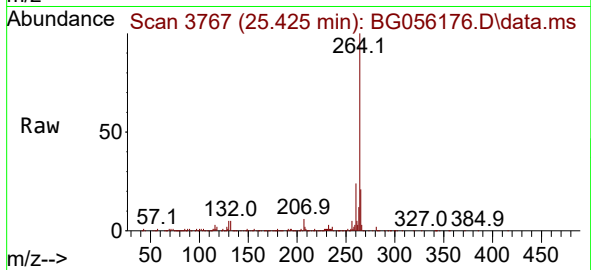
Tgt Ion:244 Resp: 269196
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 4.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.425 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG056176.D
 Acq: 30 Dec 2022 18:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL



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

