

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058876.D
 Acq On : 28 Aug 2023 16:43
 Operator : MA/JU
 Sample : 04121-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822RE

Quant Time: Aug 28 18:41:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

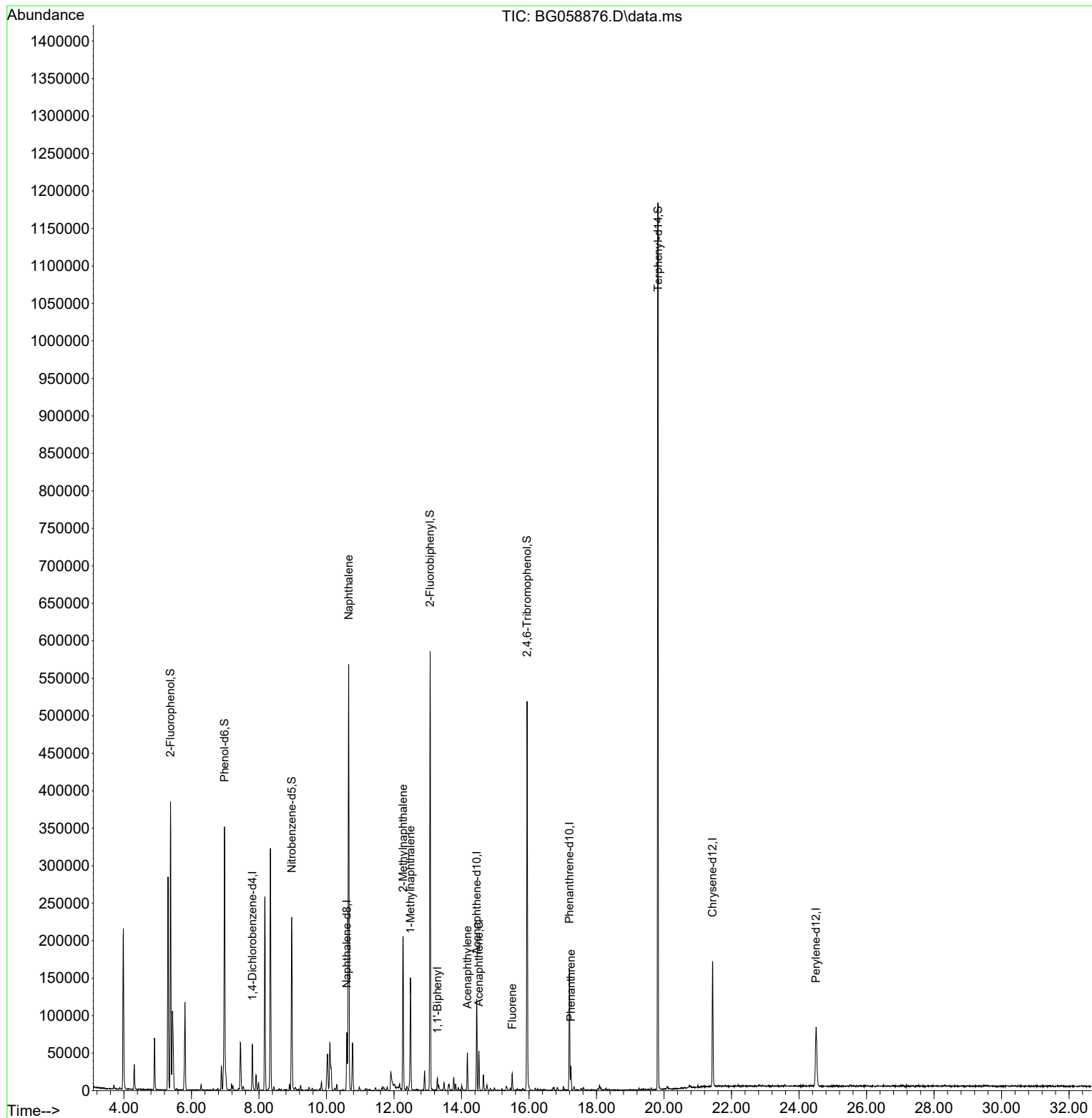
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	16869	20.000	ng	-0.02
21) Naphthalene-d8	10.602	136	66031	20.000	ng	-0.03
39) Acenaphthene-d10	14.450	164	43397	20.000	ng	-0.02
64) Phenanthrene-d10	17.194	188	109105	20.000	ng	-0.03
76) Chrysene-d12	21.436	240	108660	20.000	ng	-0.03
86) Perylene-d12	24.503	264	92935	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	154494	147.383	ng	-0.02
7) Phenol-d6	6.977	99	188917	128.453	ng	-0.03
23) Nitrobenzene-d5	8.968	82	135334	98.538	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	112602	165.480	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	304786	102.150	ng	-0.03
79) Terphenyl-d14	19.820	244	639567	105.688	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	10.655	128	456057	131.541	ng	99
37) 2-Methylnaphthalene	12.270	142	99938	40.134	ng	97
38) 1-Methylnaphthalene	12.488	142	68457	28.961	ng	99
46) 1,1'-Biphenyl	13.287	154	8859	2.963	ng	93
49) Acenaphthylene	14.174	152	33298	8.619	ng	99
52) Acenaphthene	14.515	154	19002	8.416	ng	96
58) Fluorene	15.502	166	10899	3.516	ng	100
71) Phenanthrene	17.241	178	20211	3.859	ng	95

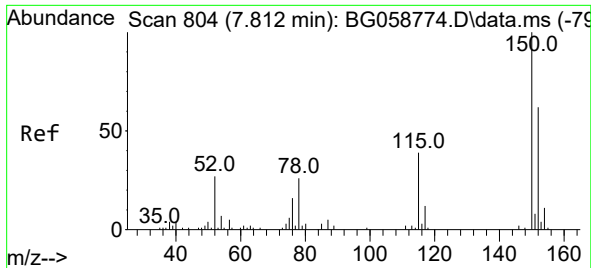
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058876.D
Acq On : 28 Aug 2023 16:43
Operator : MA/JU
Sample : 04121-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

Quant Time: Aug 28 18:41:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 27 03:38:58 2023
Response via : Initial Calibration

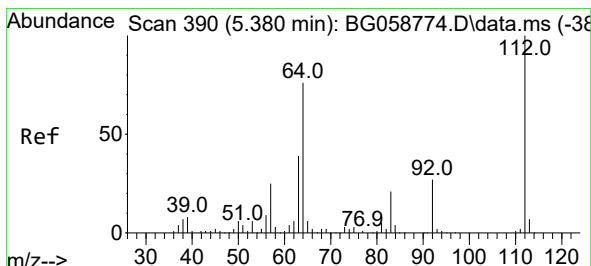
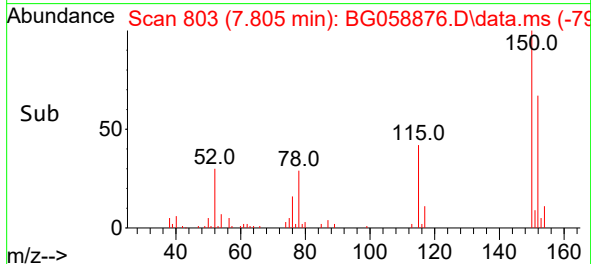
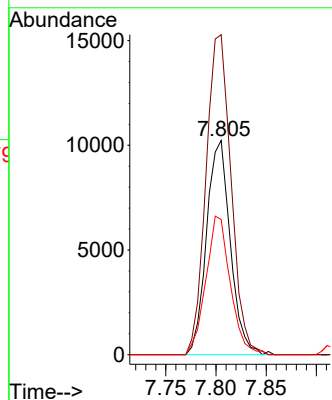
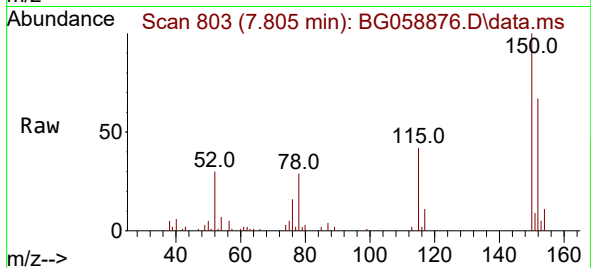




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

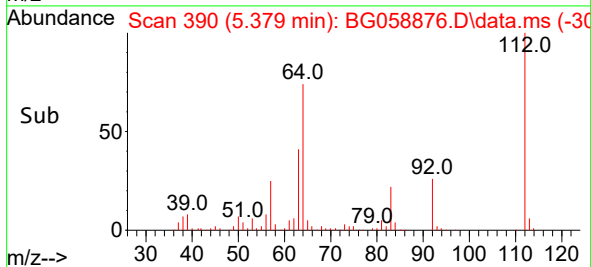
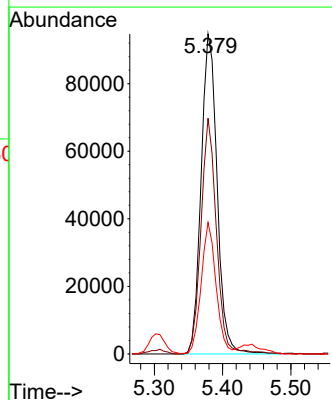
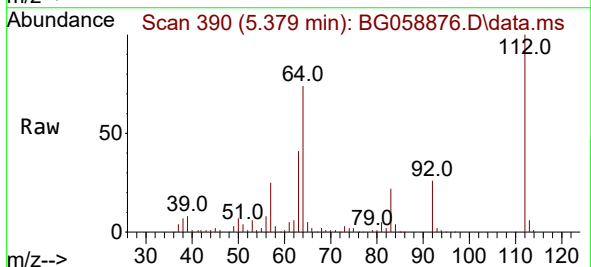
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

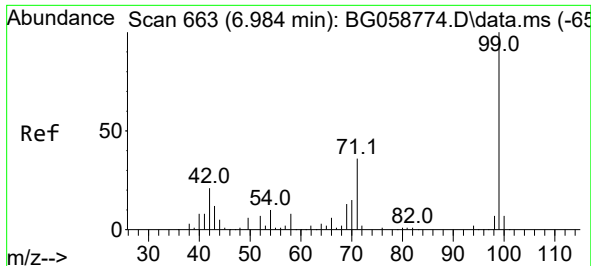
Tgt Ion:152 Resp: 16869
Ion Ratio Lower Upper
152 100
150 149.4 128.6 192.8
115 63.1 50.4 75.6



#5
2-Fluorophenol
Concen: 147.383 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:112 Resp: 154494
Ion Ratio Lower Upper
112 100
64 73.6 60.6 90.8
63 41.1 31.0 46.4

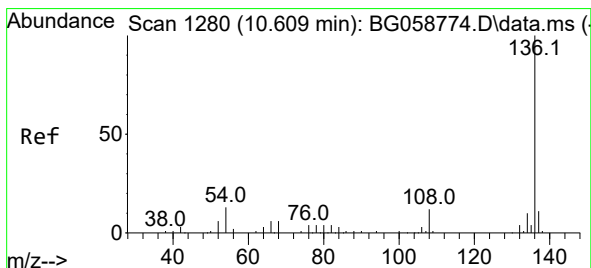
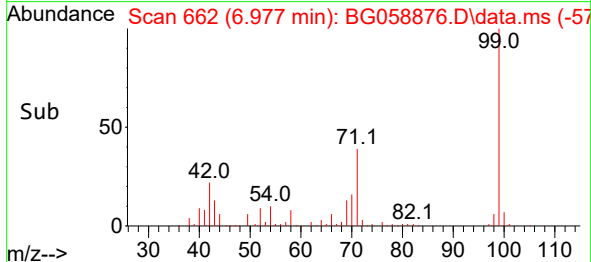
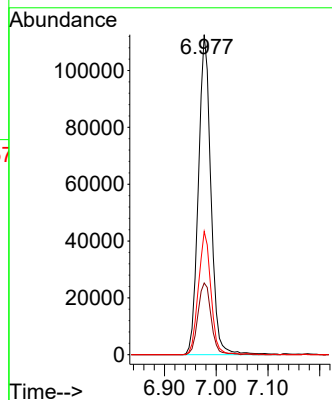
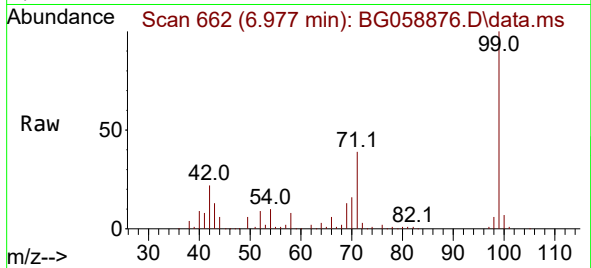




#7
Phenol-d6
Concen: 128.453 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

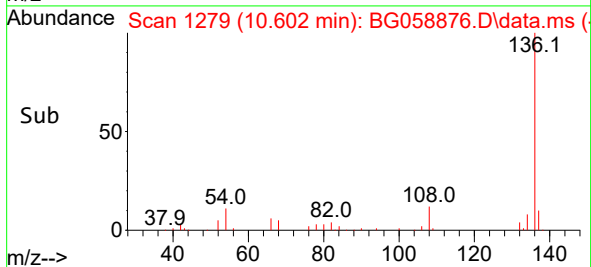
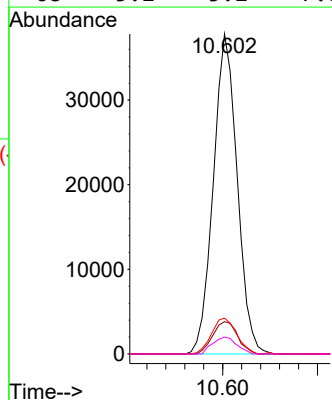
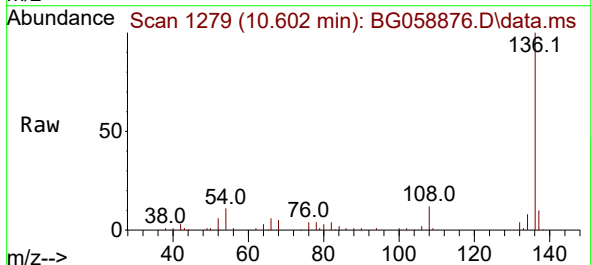
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

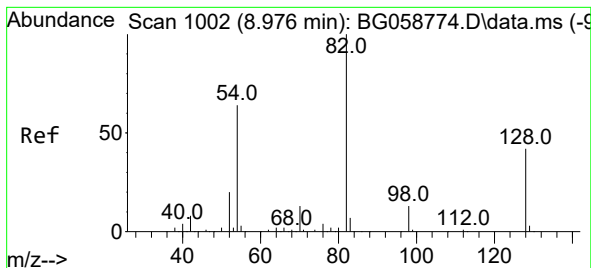
Tgt Ion: 99 Resp: 188917
Ion Ratio Lower Upper
99 100
42 22.4 16.5 24.7
71 38.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion: 136 Resp: 66031
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 11.2 10.1 15.1
68 5.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 98.538 ng

RT: 8.968 min Scan# 1001

Delta R.T. -0.027 min

Lab File: BG058876.D

Acq: 28 Aug 2023 16:43

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822RE

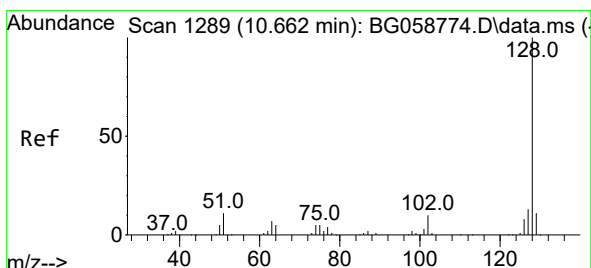
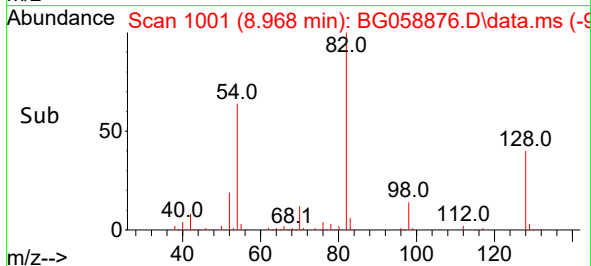
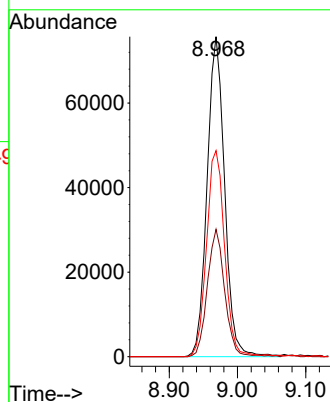
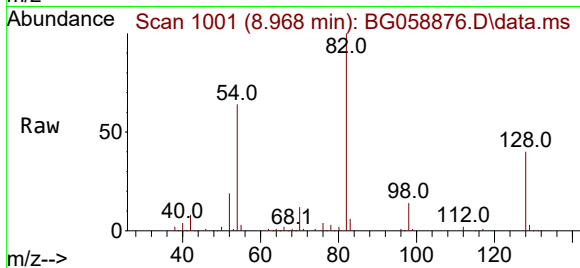
Tgt Ion: 82 Resp: 135334

Ion Ratio Lower Upper

82 100

128 39.8 33.2 49.8

54 64.4 51.2 76.8



#31

Naphthalene

Concen: 131.541 ng

RT: 10.655 min Scan# 1288

Delta R.T. -0.027 min

Lab File: BG058876.D

Acq: 28 Aug 2023 16:43

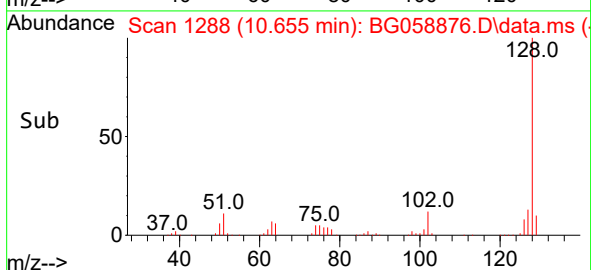
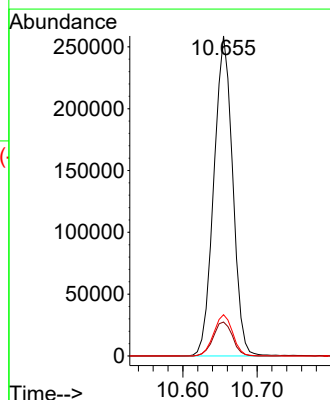
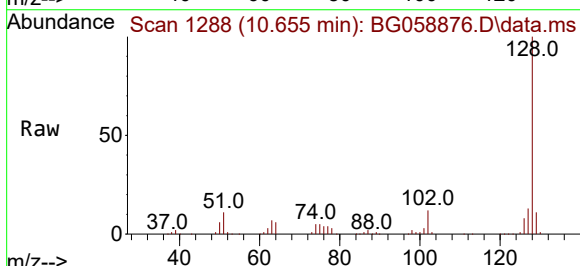
Tgt Ion:128 Resp: 456057

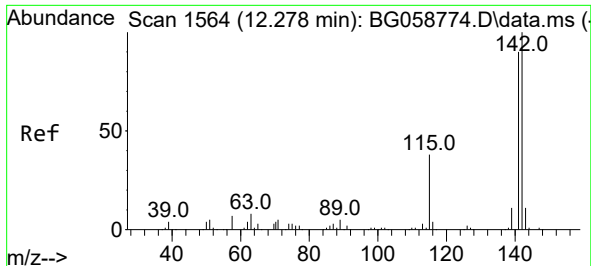
Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.9 10.6 15.8

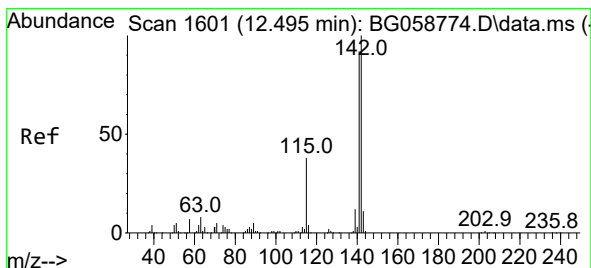
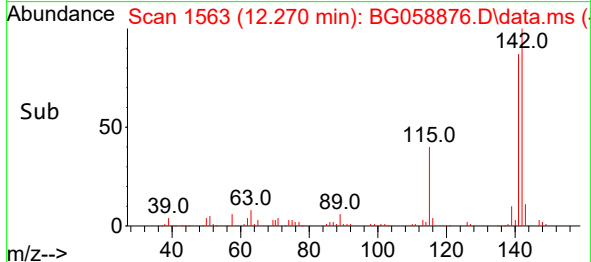
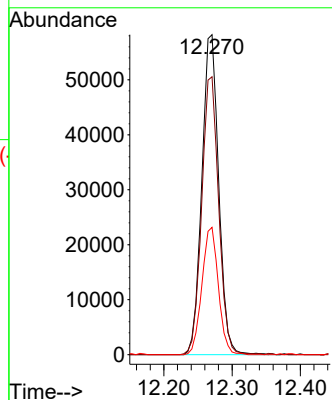
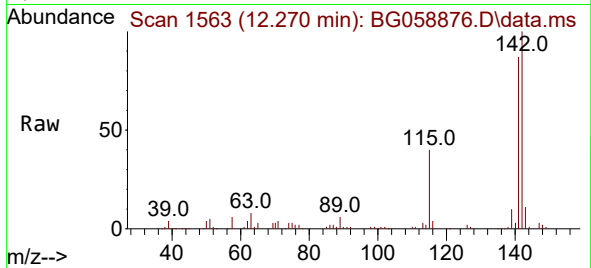




#37
2-Methylnaphthalene
Concen: 40.134 ng
RT: 12.270 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

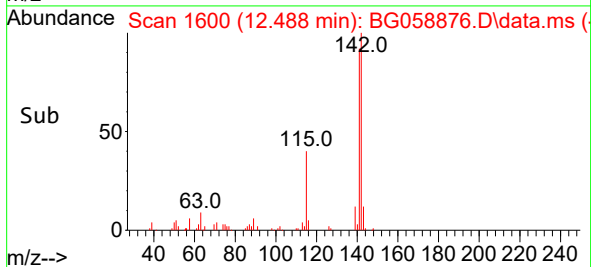
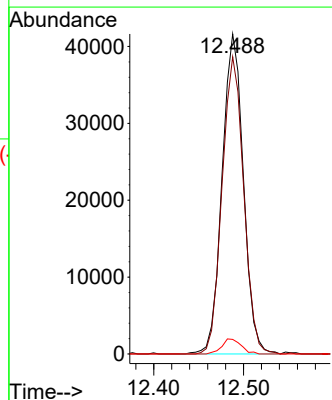
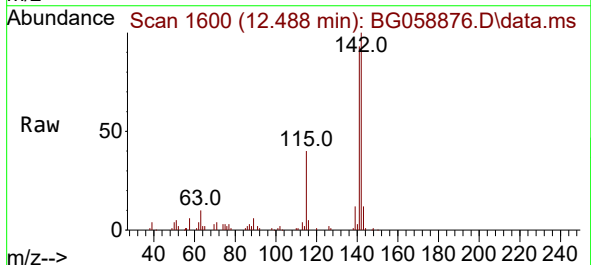
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

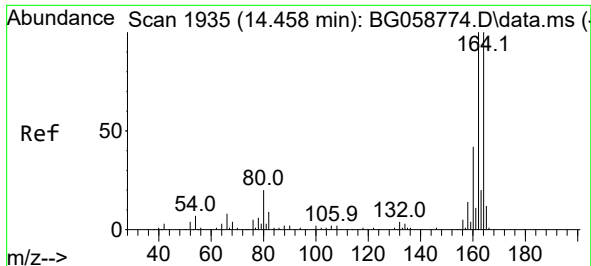
Tgt Ion:142 Resp: 99938
Ion Ratio Lower Upper
142 100
141 86.8 71.8 107.8
115 39.8 30.6 45.8



#38
1-Methylnaphthalene
Concen: 28.961 ng
RT: 12.488 min Scan# 1600
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:142 Resp: 68457
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9
116 4.6 3.2 4.8

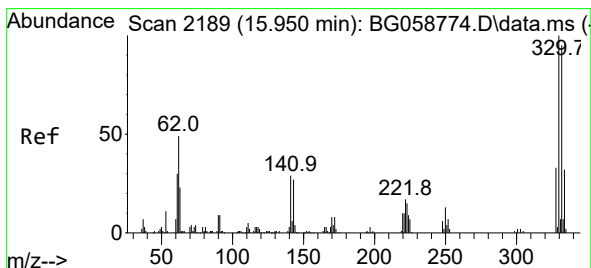
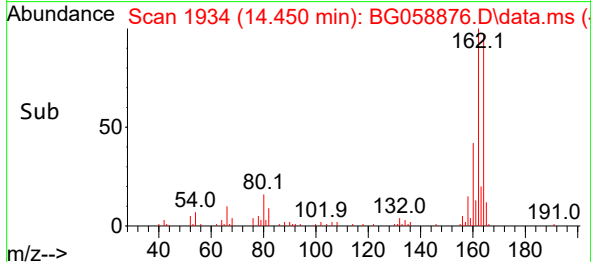
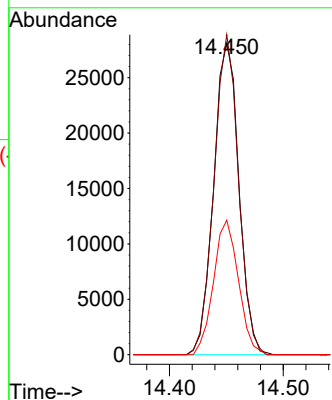
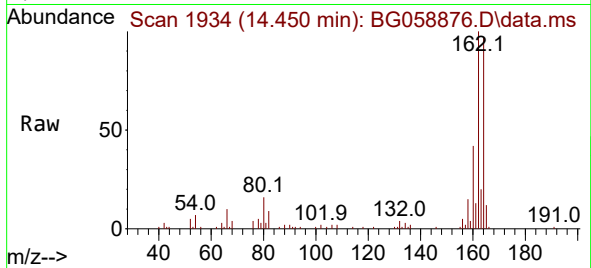




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1935
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

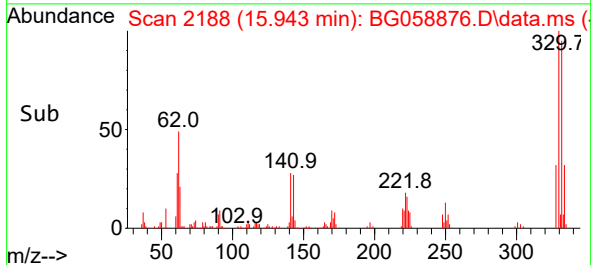
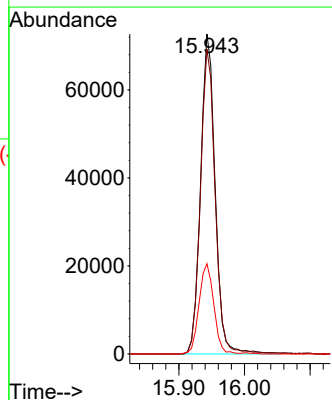
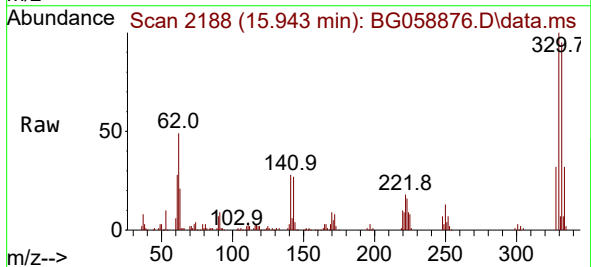
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

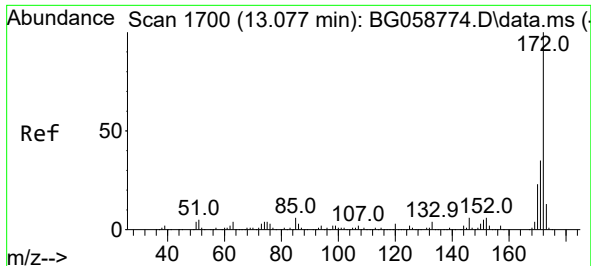
Tgt Ion:164 Resp: 43397
Ion Ratio Lower Upper
164 100
162 102.7 79.6 119.4
160 43.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 165.480 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:330 Resp: 112602
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 28.5 23.0 34.6

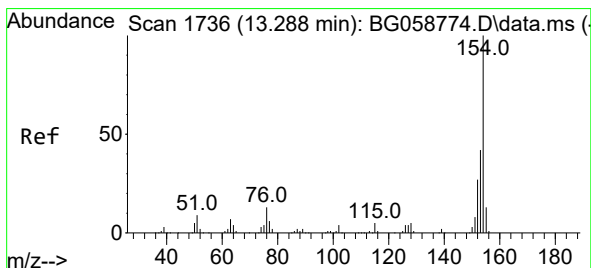
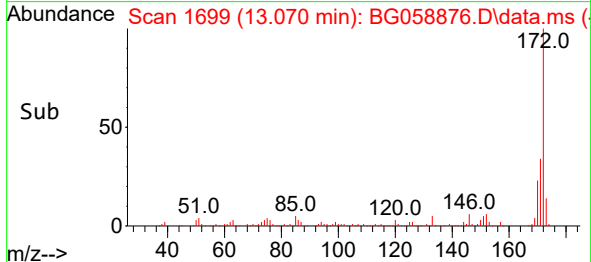
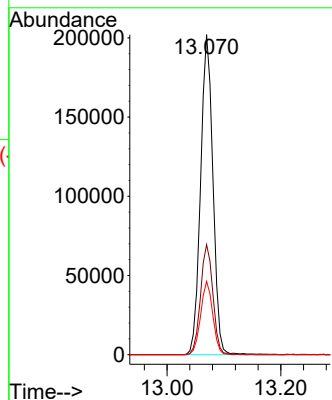
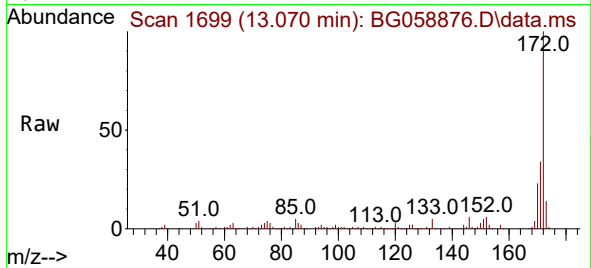




#45
2-Fluorobiphenyl
Concen: 102.150 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

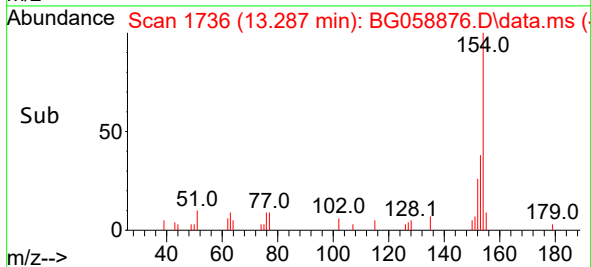
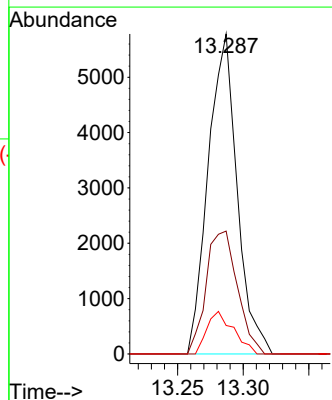
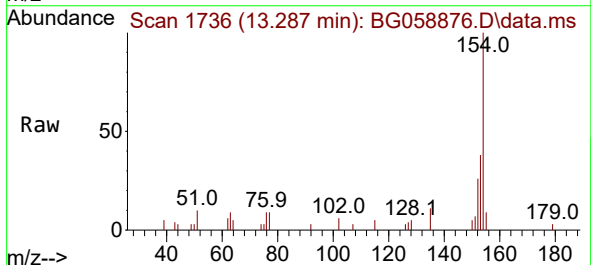
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

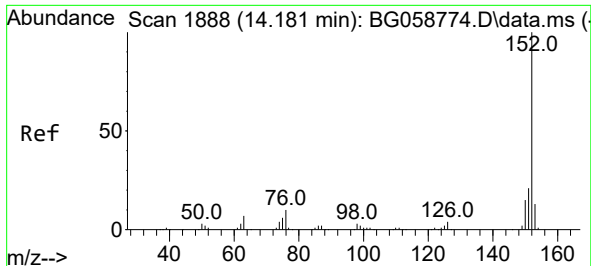
Tgt Ion:172 Resp: 304786
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 2.963 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:154 Resp: 8859
Ion Ratio Lower Upper
154 100
153 38.4 21.7 61.7
76 8.9 0.0 33.2

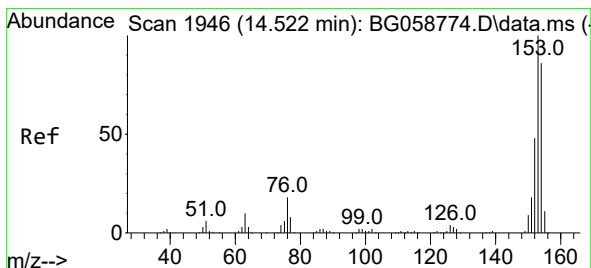
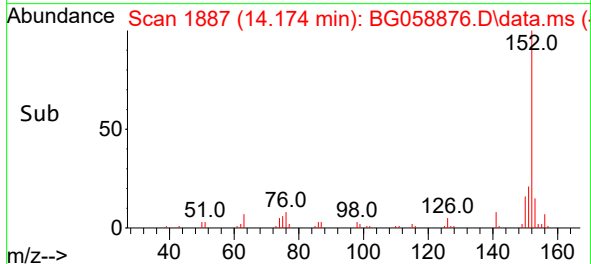
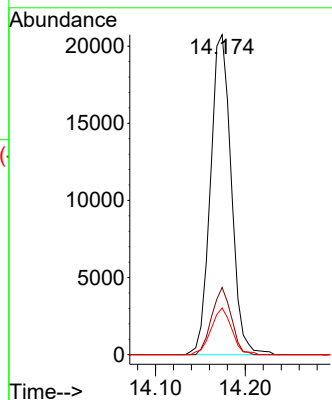
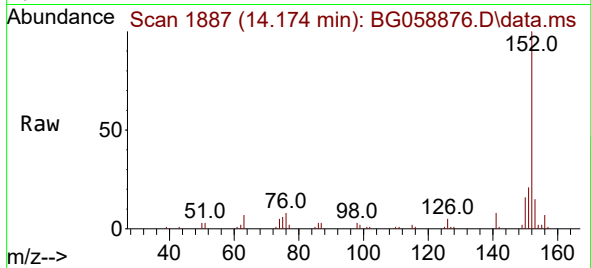




#49
Acenaphthylene
Concen: 8.619 ng
RT: 14.174 min Scan# 1887
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

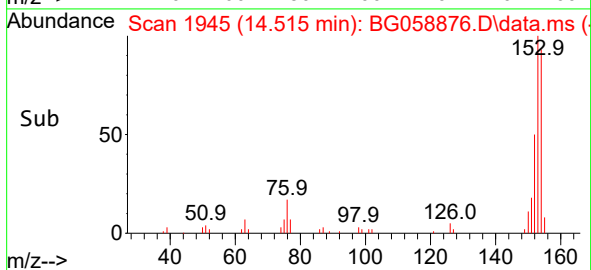
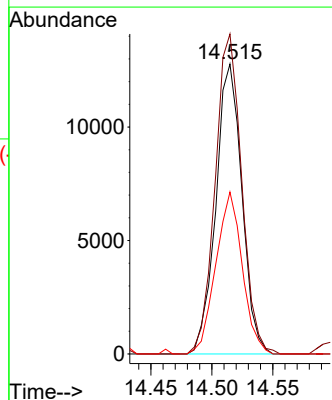
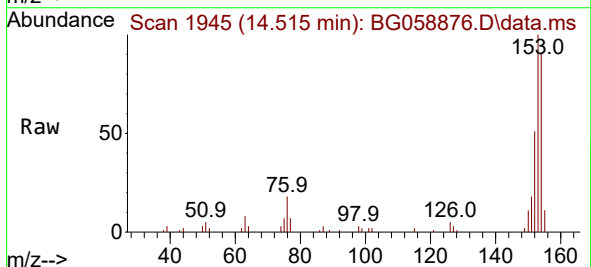
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

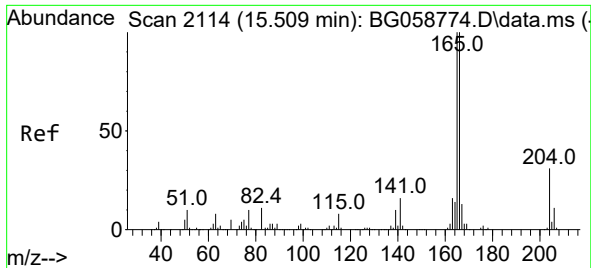
Tgt Ion:152 Resp: 33298
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.6 10.7 16.1



#52
Acenaphthene
Concen: 8.416 ng
RT: 14.515 min Scan# 1945
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:154 Resp: 19002
Ion Ratio Lower Upper
154 100
153 110.4 92.7 139.1
152 55.8 44.2 66.2

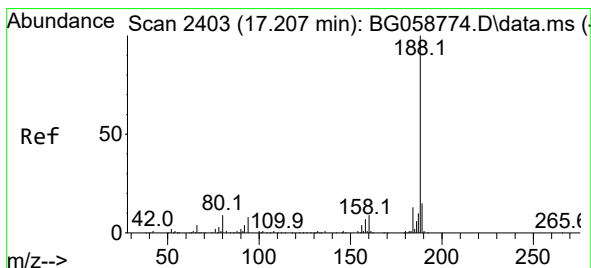
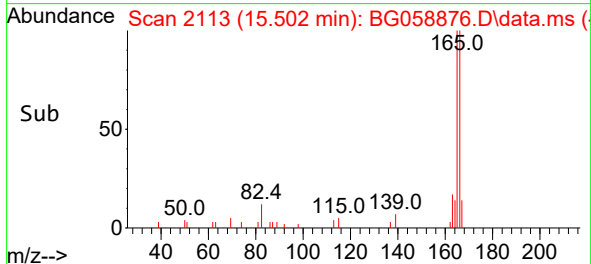
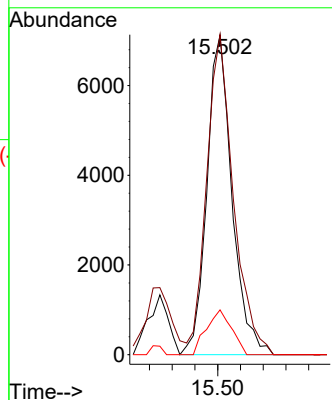
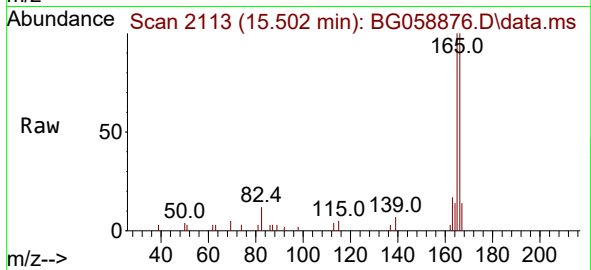




#58
Fluorene
Concen: 3.516 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

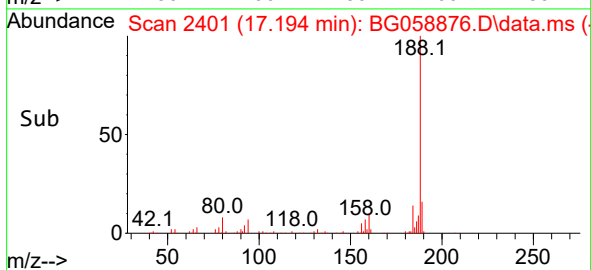
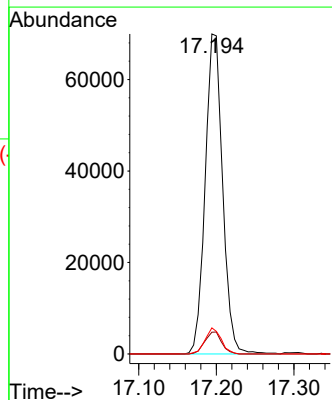
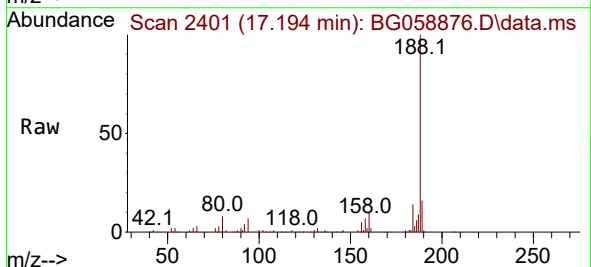
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

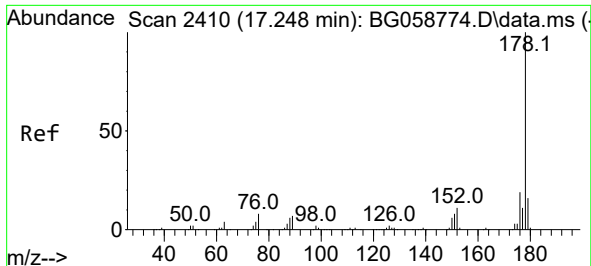
Tgt Ion:166 Resp: 10899
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 14.0 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.194 min Scan# 2401
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:188 Resp: 109105
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.1 6.9 10.3

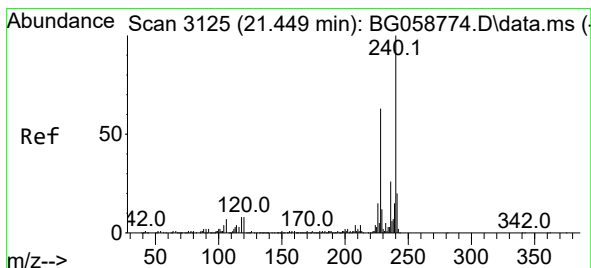
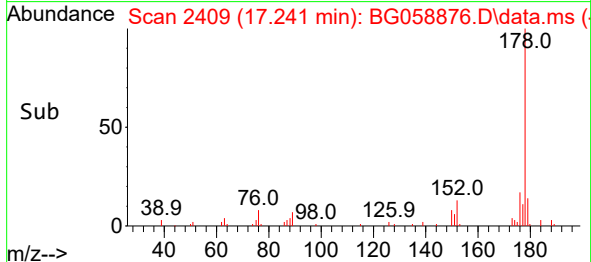
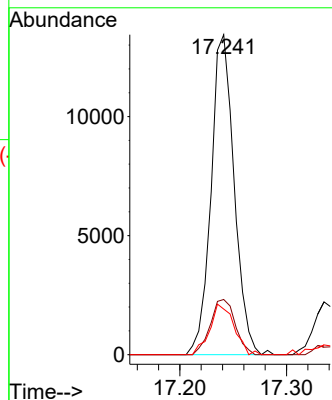
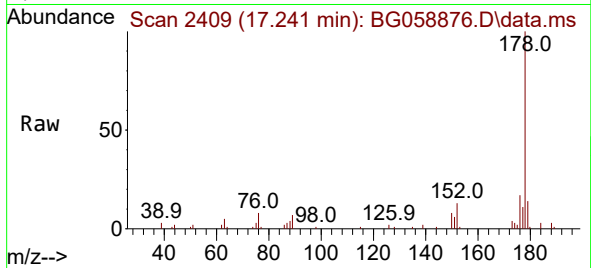




#71
Phenanthrene
Concen: 3.859 ng
RT: 17.241 min Scan# 2410
Delta R.T. -0.022 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

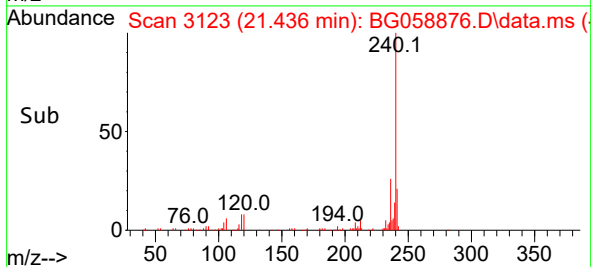
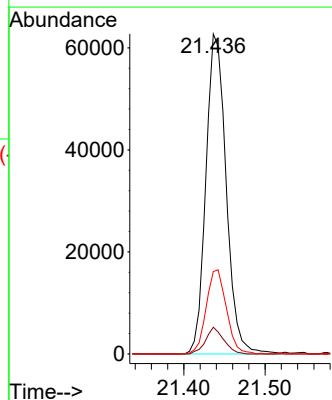
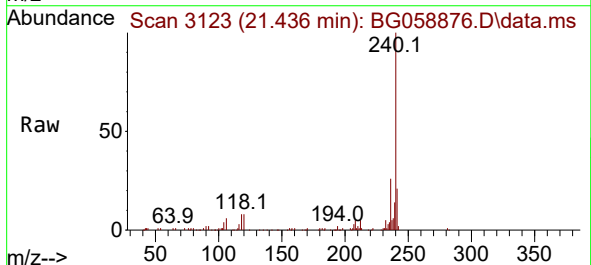
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822RE

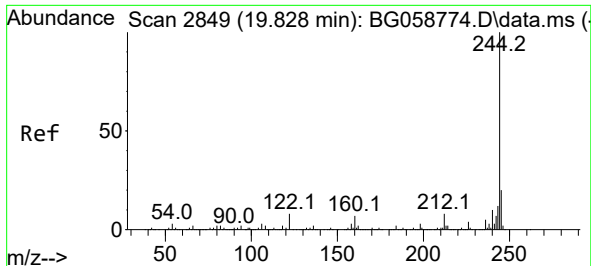
Tgt Ion:178 Resp: 20211
Ion Ratio Lower Upper
178 100
176 17.2 15.5 23.3
179 14.3 13.0 19.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.436 min Scan# 3123
Delta R.T. -0.027 min
Lab File: BG058876.D
Acq: 28 Aug 2023 16:43

Tgt Ion:240 Resp: 108660
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.8 20.5 30.7

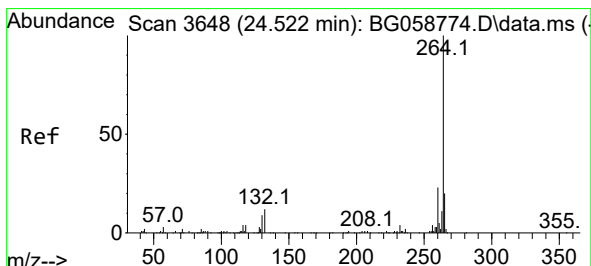
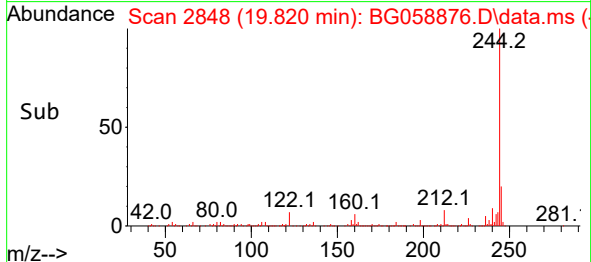
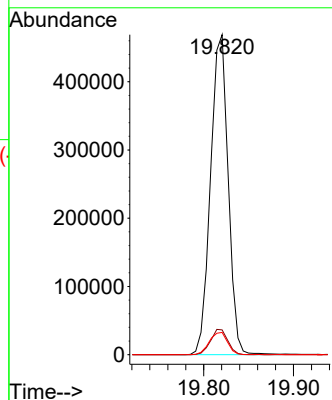
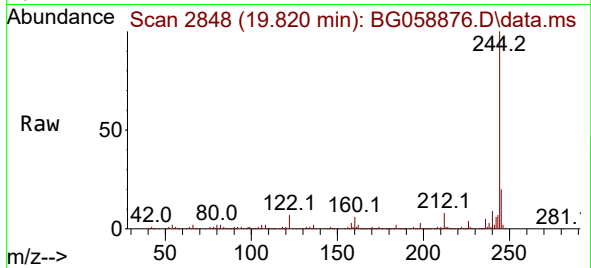




#79
 Terphenyl-d14
 Concen: 105.688 ng
 RT: 19.820 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG058876.D
 Acq: 28 Aug 2023 16:43

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822RE

Tgt Ion:244 Resp: 639567
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 6.9 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.503 min Scan# 3645
 Delta R.T. -0.033 min
 Lab File: BG058876.D
 Acq: 28 Aug 2023 16:43

Tgt Ion:264 Resp: 92935
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.7 16.4 24.6

