

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058869.D
 Acq On : 28 Aug 2023 11:56
 Operator : MA/JU
 Sample : 04121-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822

Quant Time: Aug 28 18:06:37 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)

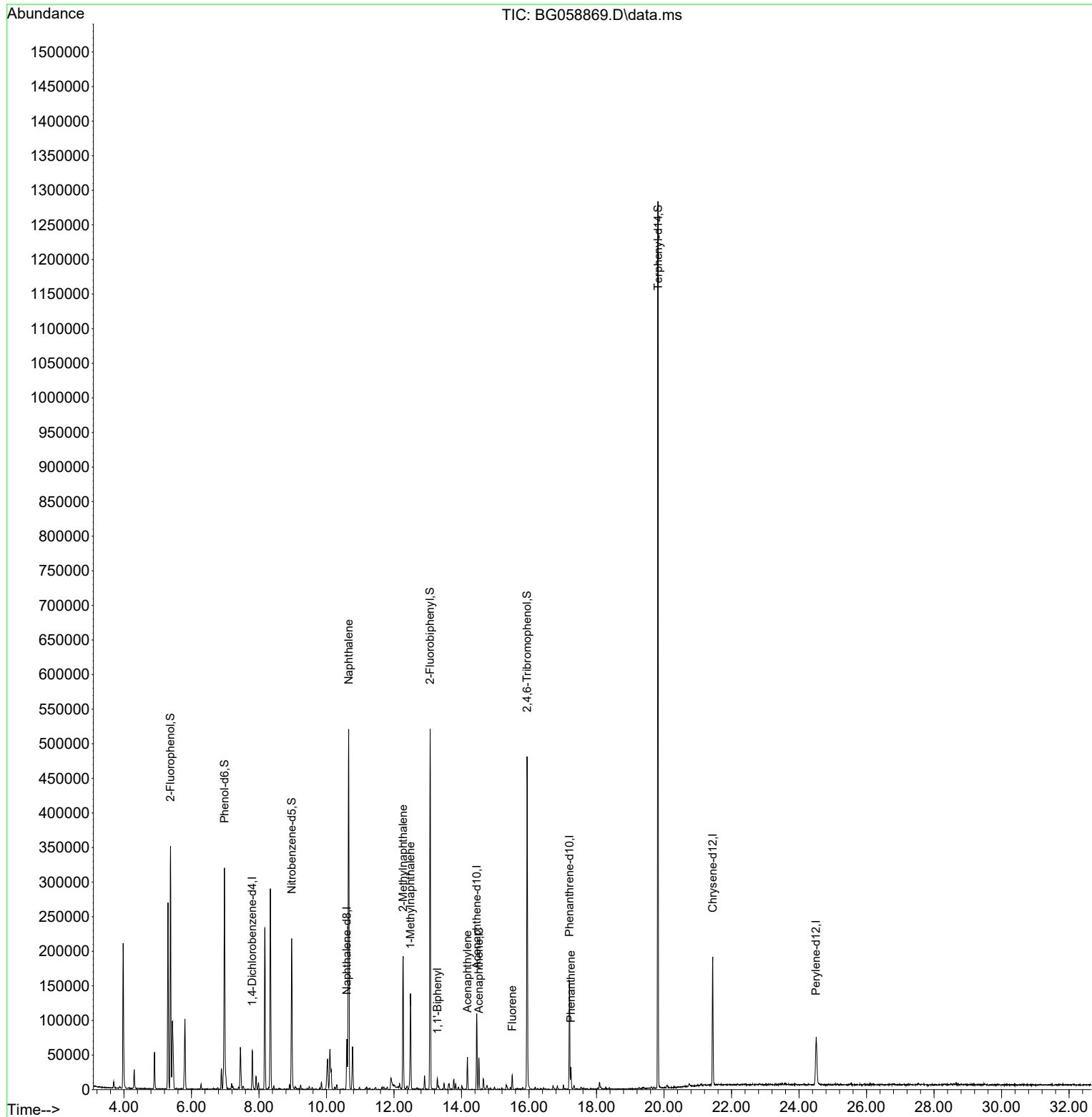
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	15699	20.000	ng	-0.03
21) Naphthalene-d8	10.603	136	60206	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	41060	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	103530	20.000	ng	-0.02
76) Chrysene-d12	21.443	240	109920	20.000	ng	-0.02
86) Perylene-d12	24.504	264	69771	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	142704	146.282	ng	-0.02
7) Phenol-d6	6.977	99	174165	127.248	ng	-0.03
23) Nitrobenzene-d5	8.969	82	124256	99.225	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	106713	165.752	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	283169	100.306	ng	-0.03
79) Terphenyl-d14	19.821	244	647217	105.726	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	10.655	128	423605	134.002	ng	100
37) 2-Methylnaphthalene	12.271	142	91170	40.155	ng	99
38) 1-Methylnaphthalene	12.489	142	63313	29.376	ng	98
46) 1,1'-Biphenyl	13.282	154	8455	2.989	ng	95
49) Acenaphthylene	14.175	152	30546	8.356	ng	95
52) Acenaphthene	14.516	154	17237	8.069	ng	96
58) Fluorene	15.503	166	10247	3.494	ng	98
71) Phenanthrene	17.242	178	19558	3.935	ng	97

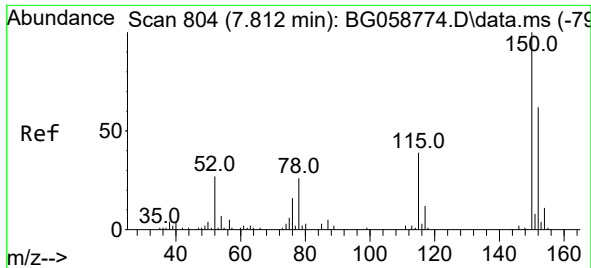
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058869.D
Acq On : 28 Aug 2023 11:56
Operator : MA/JU
Sample : 04121-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

Quant Time: Aug 28 18:06:37 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

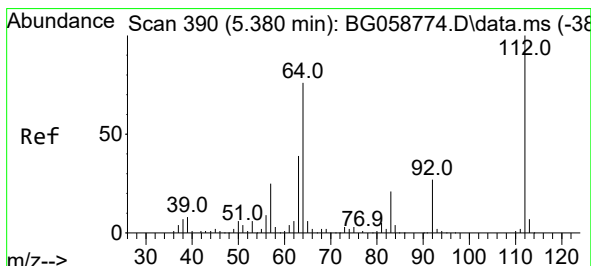
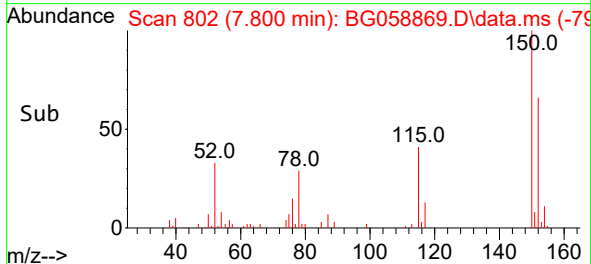
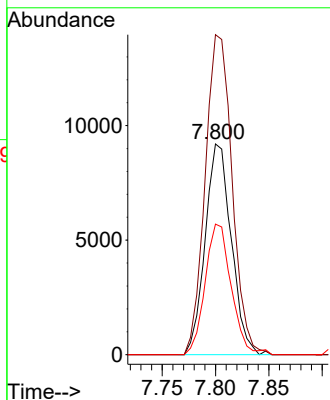
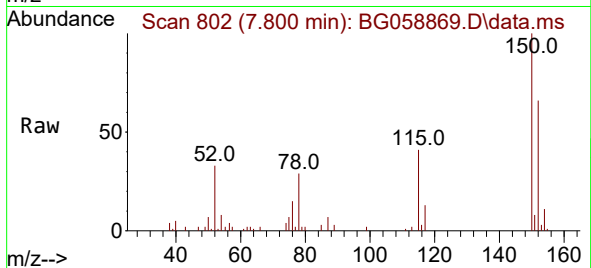




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.800 min Scan# 804
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

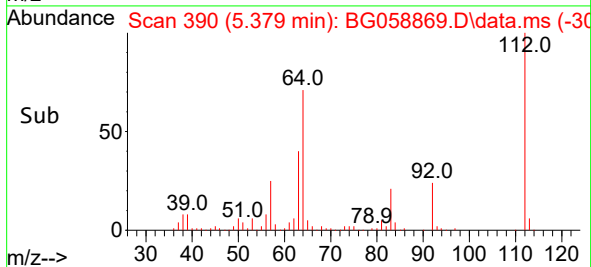
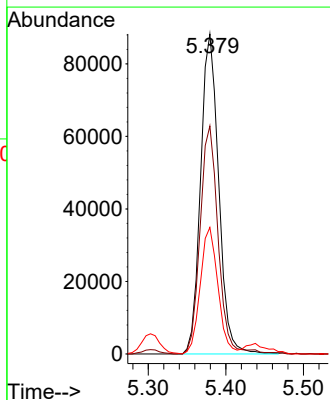
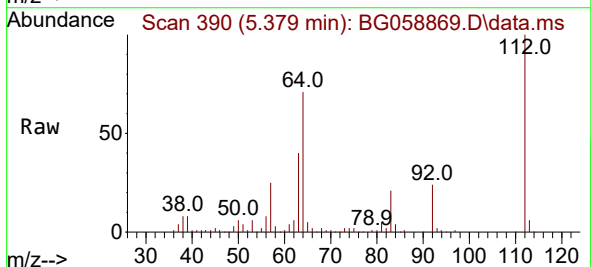
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

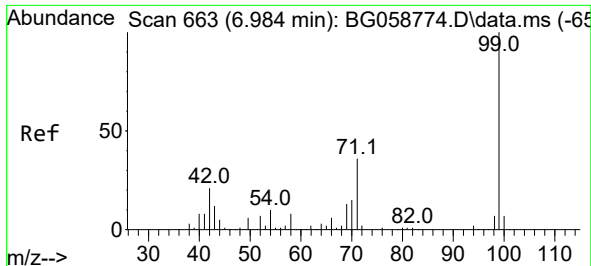
Tgt Ion:152 Resp: 15699
Ion Ratio Lower Upper
152 100
150 151.8 128.6 192.8
115 62.0 50.4 75.6



#5
2-Fluorophenol
Concen: 146.282 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Tgt Ion:112 Resp: 142704
Ion Ratio Lower Upper
112 100
64 71.2 60.6 90.8
63 39.5 31.0 46.4

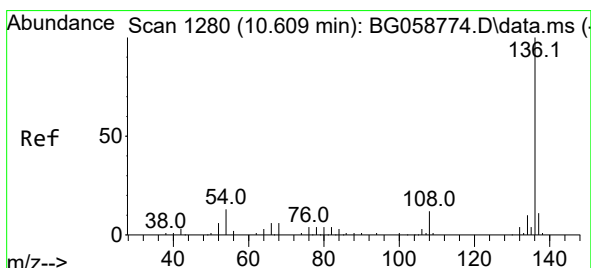
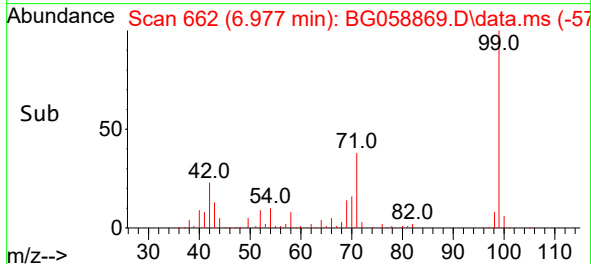
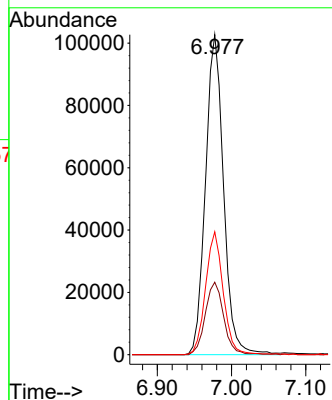
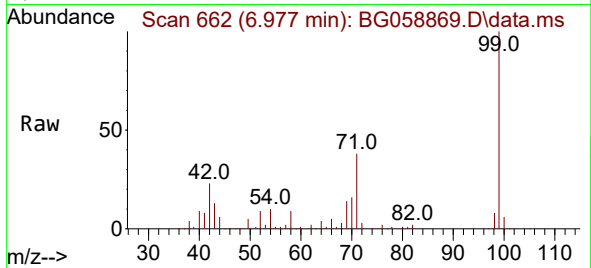




#7
Phenol-d6
Concen: 127.248 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

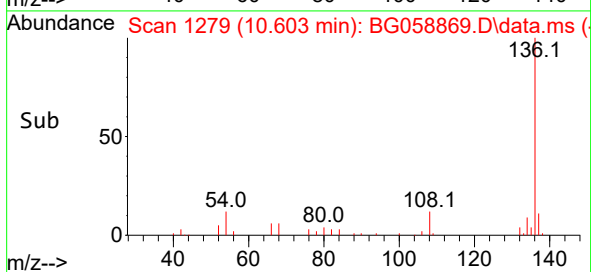
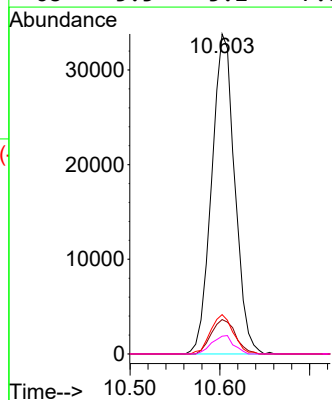
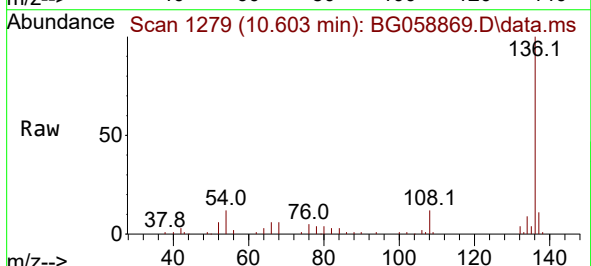
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

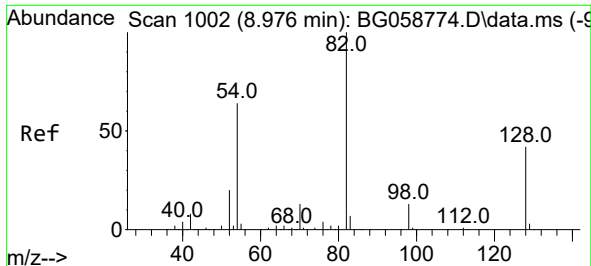
Tgt Ion: 99 Resp: 174165
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 38.4 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Tgt Ion: 136 Resp: 60206
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.3 10.1 15.1
68 5.5 5.2 7.8

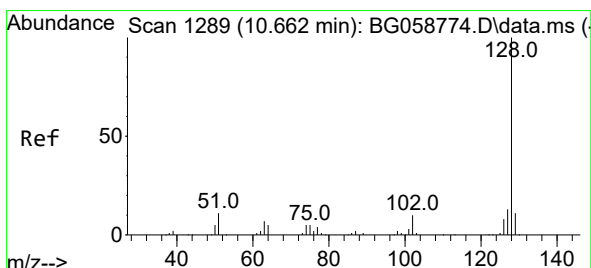
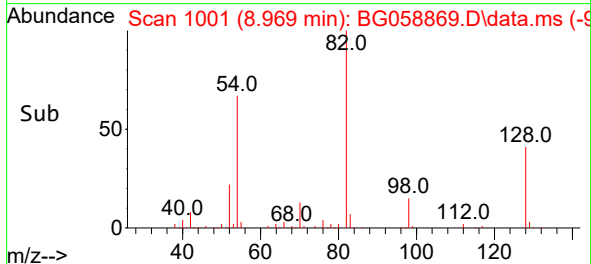
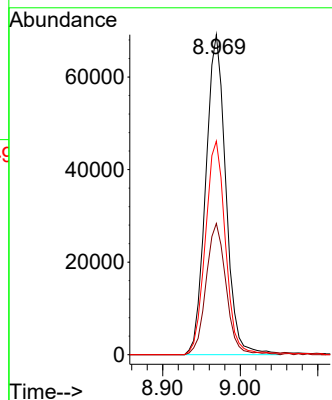
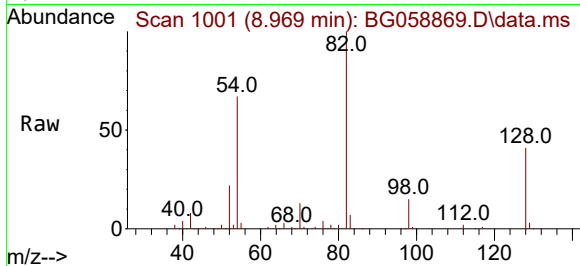




#23
Nitrobenzene-d5
Concen: 99.225 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

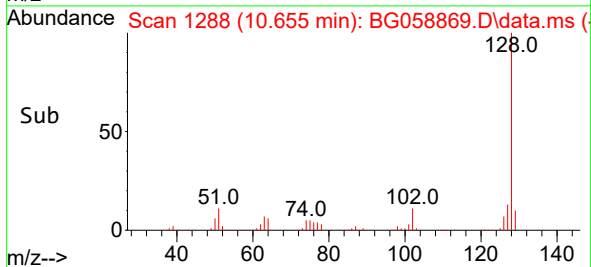
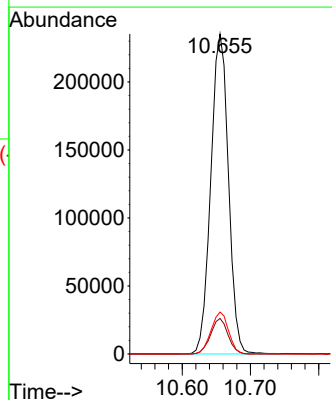
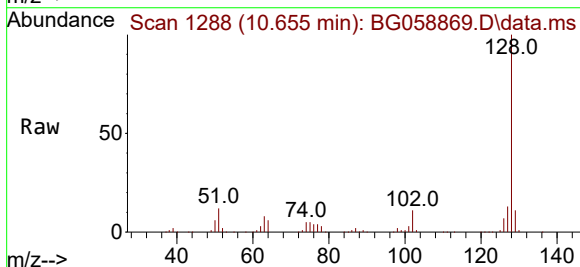
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

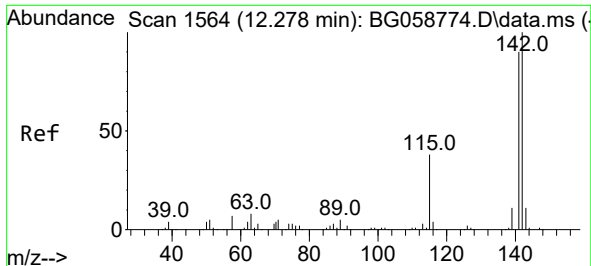
Tgt Ion: 82 Resp: 124256
Ion Ratio Lower Upper
82 100
128 41.0 33.2 49.8
54 66.7 51.2 76.8



#31
Naphthalene
Concen: 134.002 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Tgt Ion:128 Resp: 423605
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8





#37

2-Methylnaphthalene

Concen: 40.155 ng

RT: 12.271 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG058869.D

Acq: 28 Aug 2023 11:56

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822

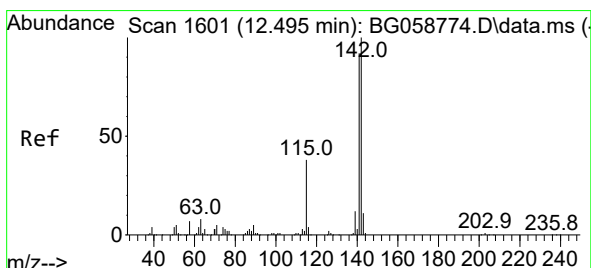
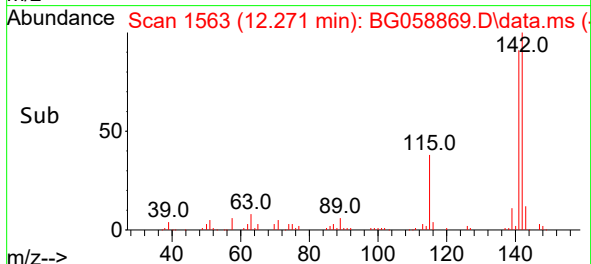
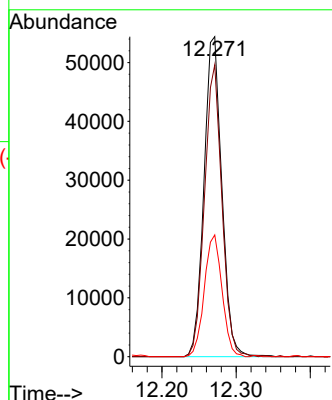
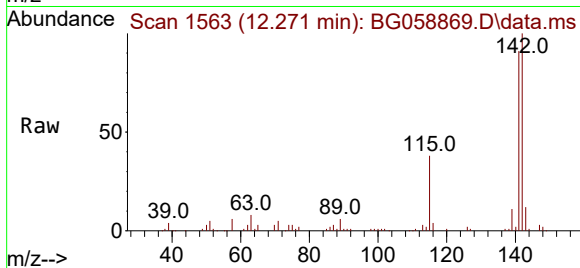
Tgt Ion:142 Resp: 91170

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.8

115 38.0 30.6 45.8



#38

1-Methylnaphthalene

Concen: 29.376 ng

RT: 12.489 min Scan# 1600

Delta R.T. -0.027 min

Lab File: BG058869.D

Acq: 28 Aug 2023 11:56

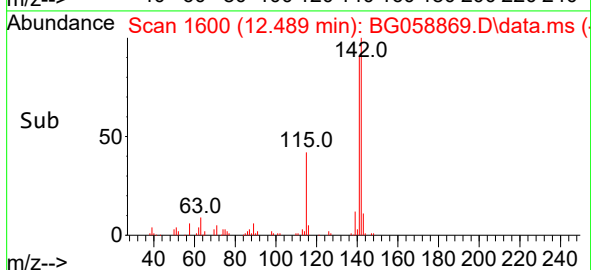
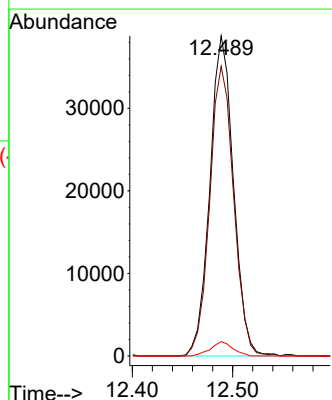
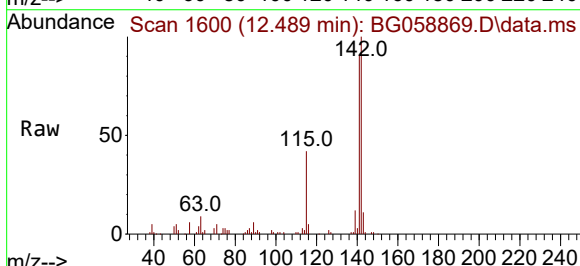
Tgt Ion:142 Resp: 63313

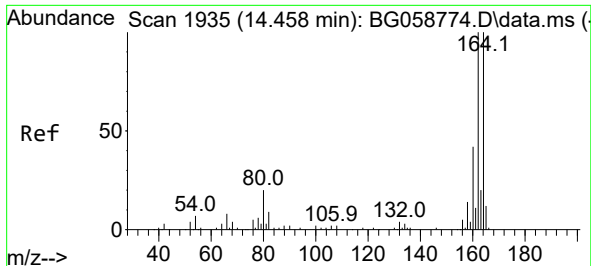
Ion Ratio Lower Upper

142 100

141 90.5 73.9 110.9

116 4.5 3.2 4.8

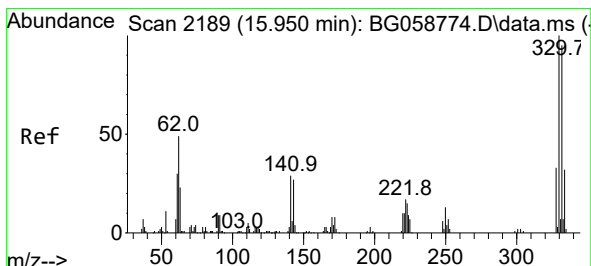
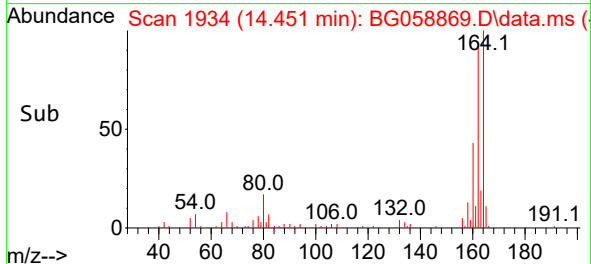
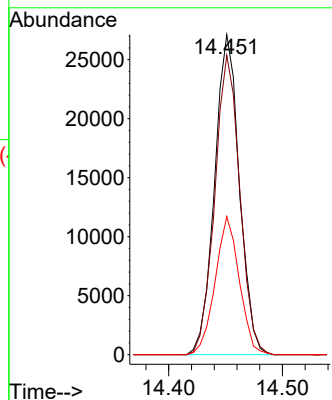
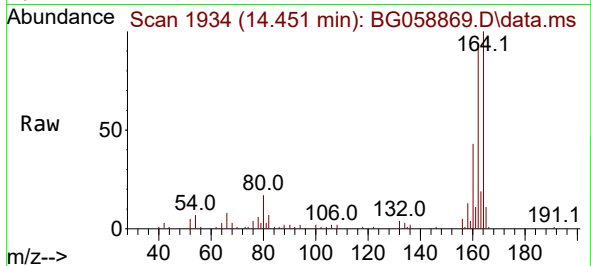




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

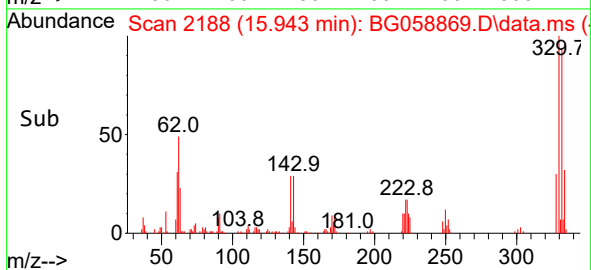
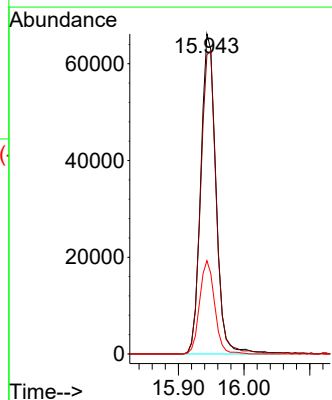
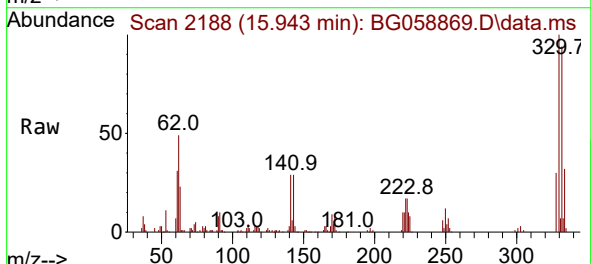
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

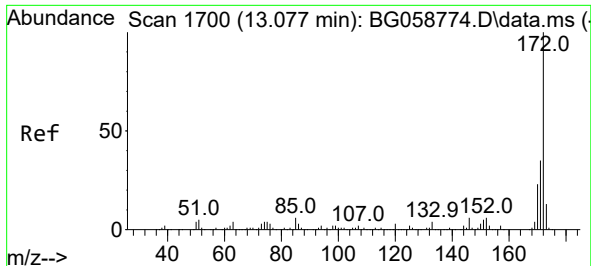
Tgt Ion:164 Resp: 41060
Ion Ratio Lower Upper
164 100
162 93.6 79.6 119.4
160 43.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 165.752 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Tgt Ion:330 Resp: 106713
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 28.7 23.0 34.6

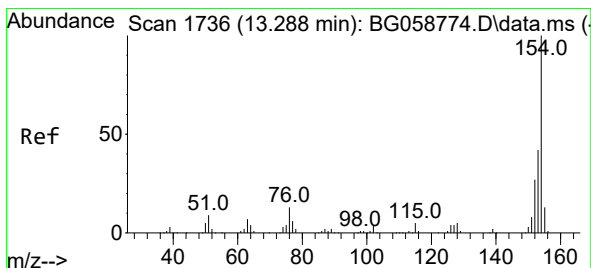
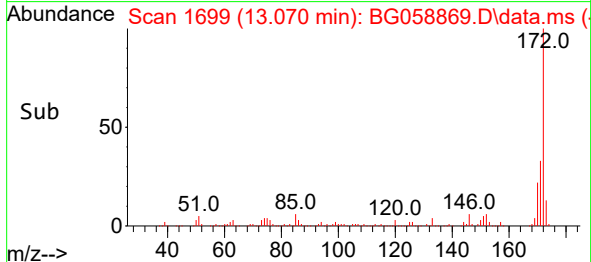
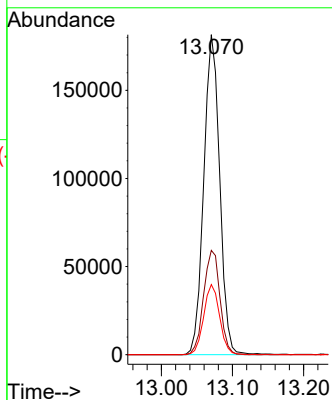
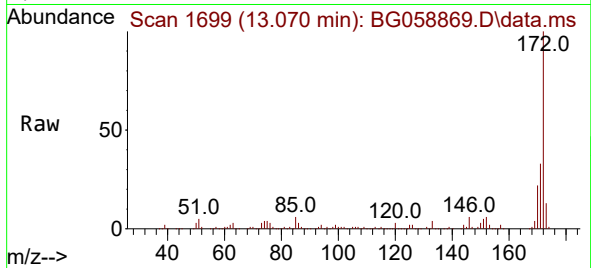




#45
2-Fluorobiphenyl
Concen: 100.306 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

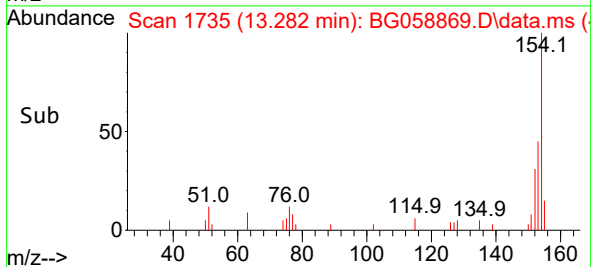
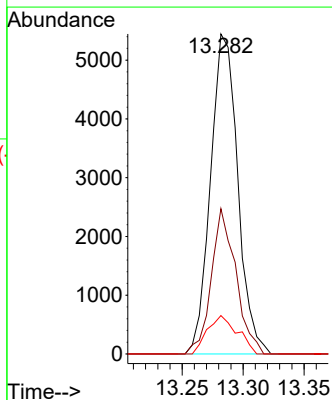
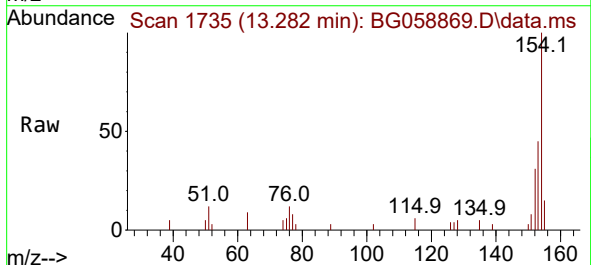
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

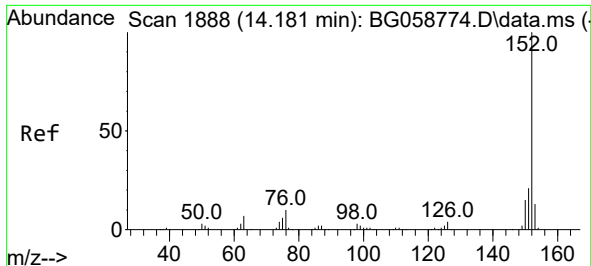
Tgt Ion:172 Resp: 283169
Ion Ratio Lower Upper
172 100
171 32.6 28.1 42.1
170 21.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 2.989 ng
RT: 13.282 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Tgt Ion:154 Resp: 8455
Ion Ratio Lower Upper
154 100
153 45.4 21.7 61.7
76 12.0 0.0 33.2





#49

Acenaphthylene

Concen: 8.356 ng

RT: 14.175 min Scan# 1887

Delta R.T. -0.021 min

Lab File: BG058869.D

Acq: 28 Aug 2023 11:56

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822

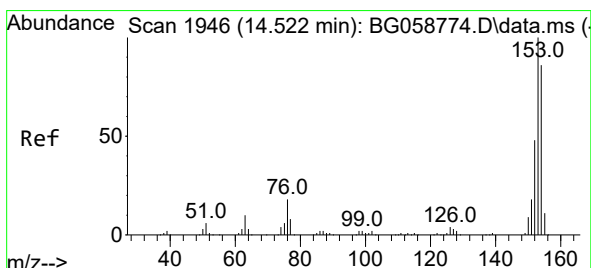
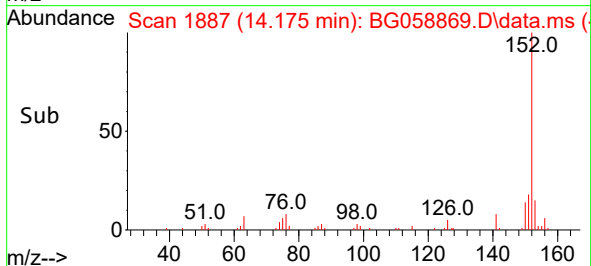
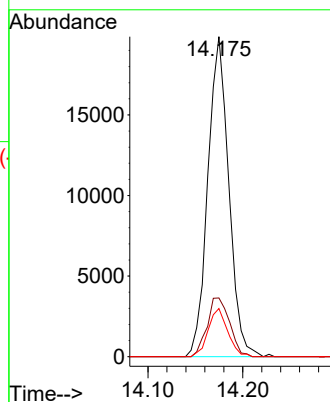
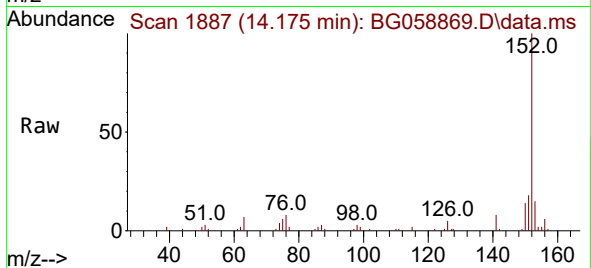
Tgt Ion:152 Resp: 30546

Ion Ratio Lower Upper

152 100

151 18.3 16.9 25.3

153 15.1 10.7 16.1



#52

Acenaphthene

Concen: 8.069 ng

RT: 14.516 min Scan# 1945

Delta R.T. -0.021 min

Lab File: BG058869.D

Acq: 28 Aug 2023 11:56

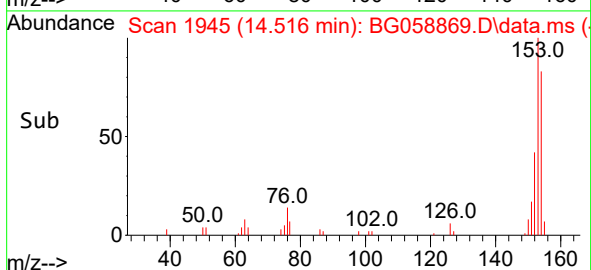
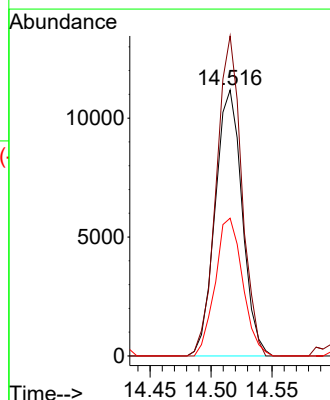
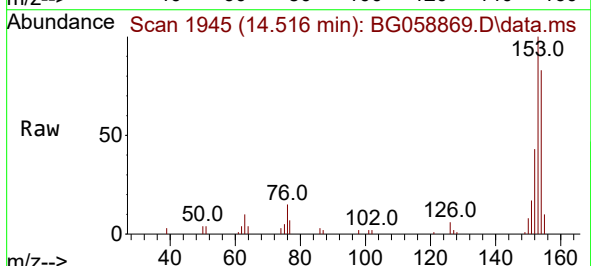
Tgt Ion:154 Resp: 17237

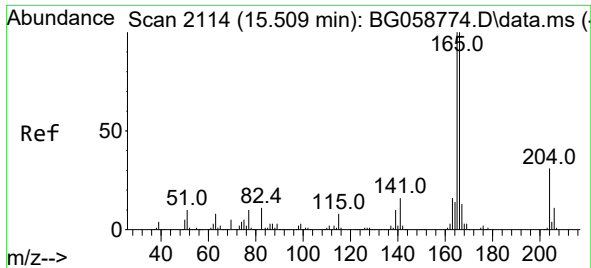
Ion Ratio Lower Upper

154 100

153 120.3 92.7 139.1

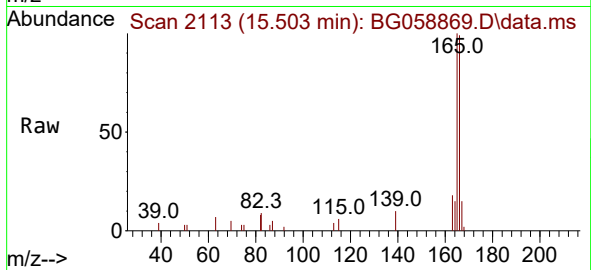
152 51.8 44.2 66.2



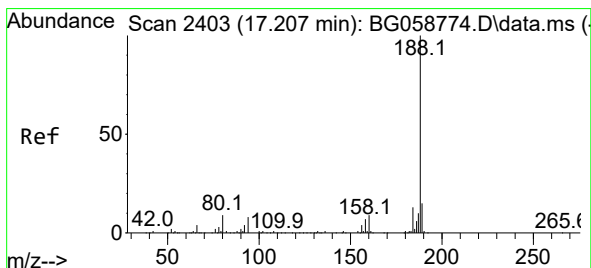
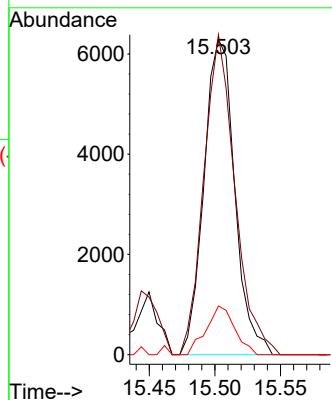
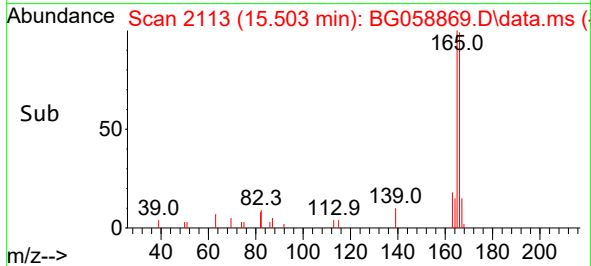


#58
Fluorene
Concen: 3.494 ng
RT: 15.503 min Scan# 2113
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

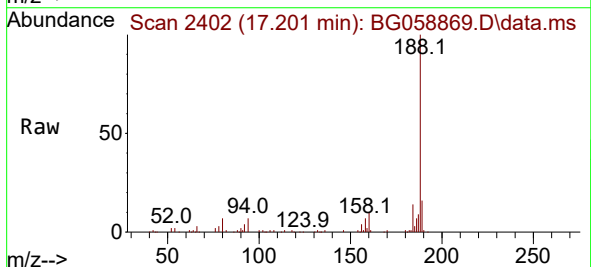
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822



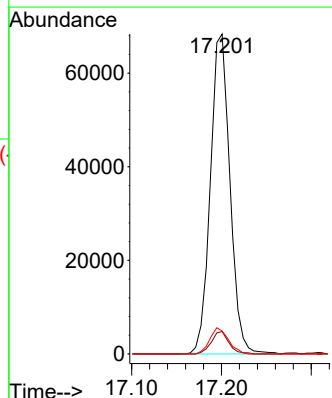
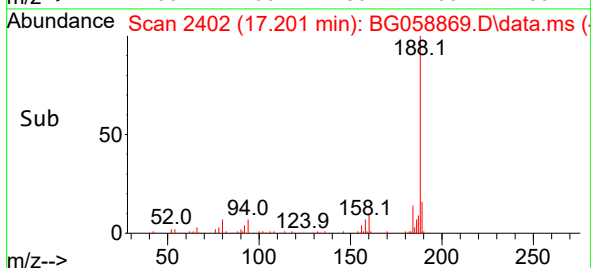
Tgt Ion:166 Resp: 10247
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 15.4 10.7 16.1

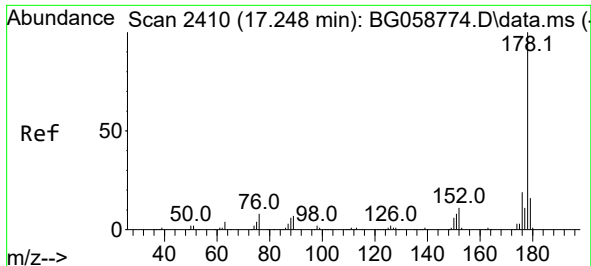


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56



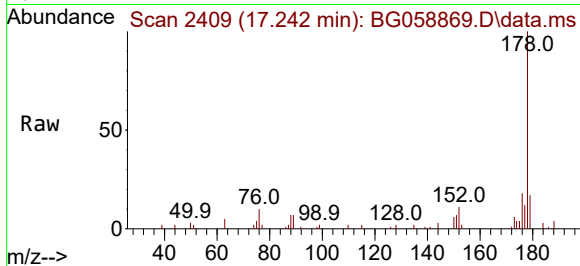
Tgt Ion:188 Resp: 103530
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.2 6.9 10.3



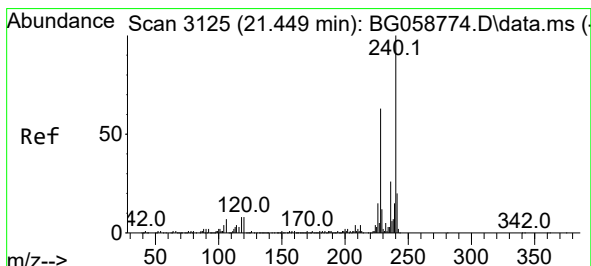
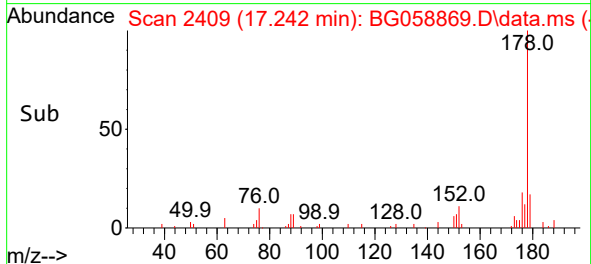
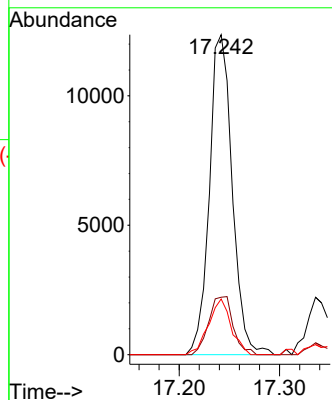


#71
Phenanthrene
Concen: 3.935 ng
RT: 17.242 min Scan# 2410
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822

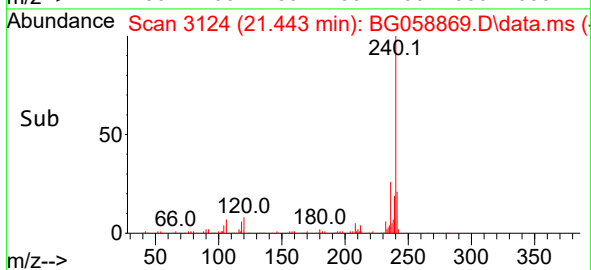
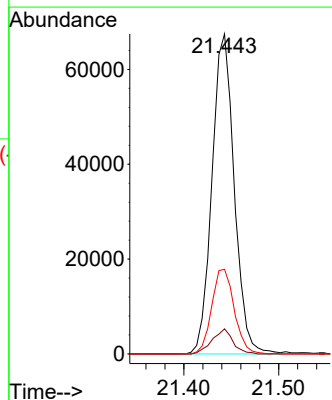
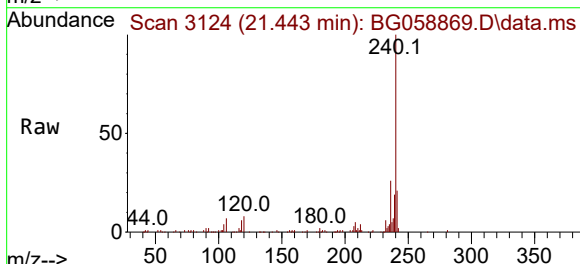


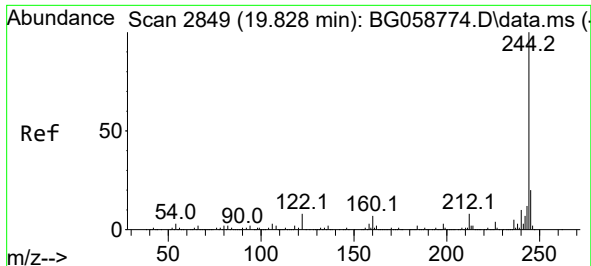
Tgt Ion:178 Resp: 19558
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 17.4 13.0 19.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.021 min
Lab File: BG058869.D
Acq: 28 Aug 2023 11:56

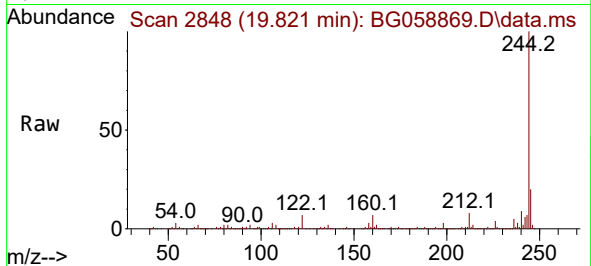
Tgt Ion:240 Resp: 109920
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 26.5 20.5 30.7



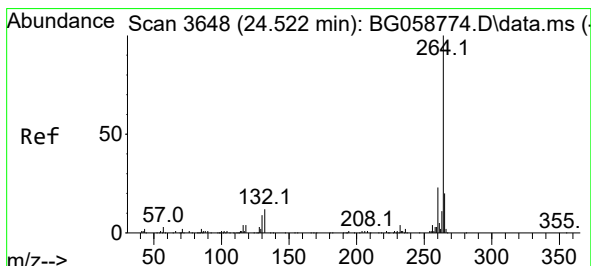
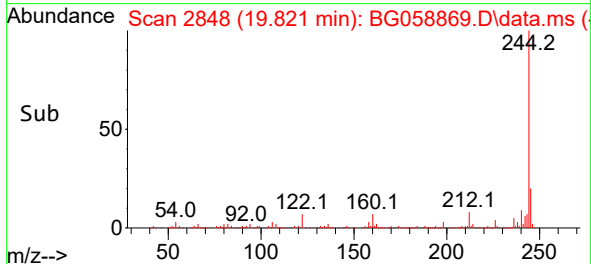
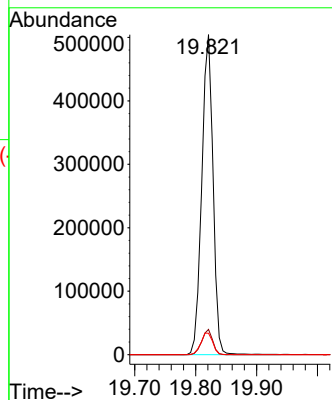


#79
 Terphenyl-d14
 Concen: 105.726 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG058869.D
 Acq: 28 Aug 2023 11:56

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822



Tgt Ion:244 Resp: 647217
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 6.7 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 3645
 Delta R.T. -0.033 min
 Lab File: BG058869.D
 Acq: 28 Aug 2023 11:56

Tgt Ion:264 Resp: 69771
 Ion Ratio Lower Upper
 264 100
 260 20.5 18.2 27.2
 265 23.1 16.4 24.6

