

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057875.D
 Acq On : 27 Jun 2023 20:39
 Operator : CG/JU
 Sample : 03339-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Jun 28 02:48:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

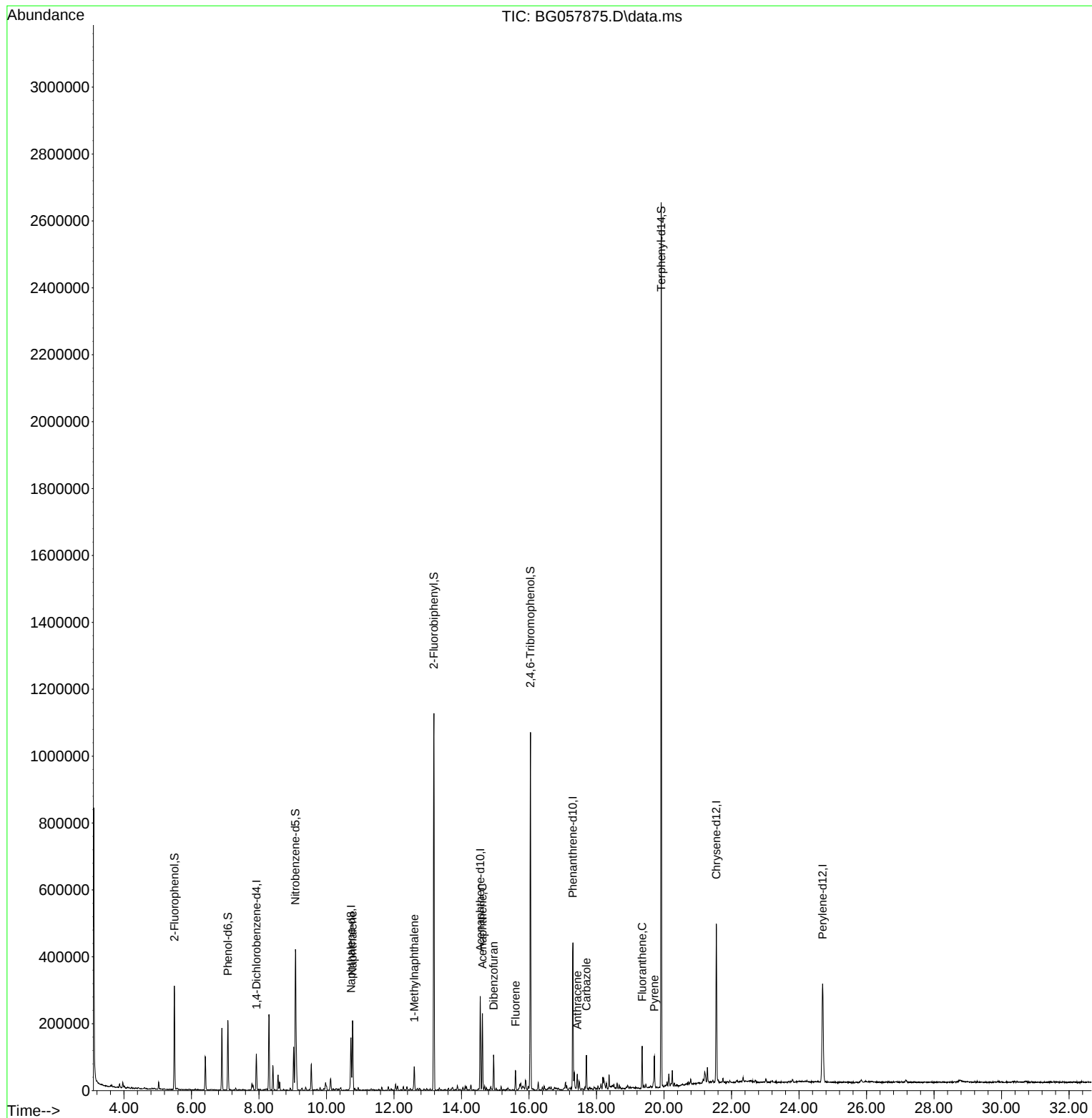
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	29133	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	128727	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	96828	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	277523	20.000	ng	0.00
76) Chrysene-d12	21.549	240	271171	20.000	ng	0.00
86) Perylene-d12	24.698	264	322613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	129768	68.151	ng	0.00
7) Phenol-d6	7.077	99	124413	43.694	ng	0.00
23) Nitrobenzene-d5	9.081	82	257415	98.001	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	220164	135.375	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	603387	95.096	ng	0.00
79) Terphenyl-d14	19.915	244	1357952	91.295	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.773	128	163606	23.810	ng	99
38) 1-Methylnaphthalene	12.600	142	28358	5.925	ng	# 100
52) Acenaphthene	14.622	154	80644	15.541	ng	98
55) Dibenzofuran	14.951	168	69117	7.766	ng	98
58) Fluorene	15.603	166	25537	3.555	ng	99
72) Anthracene	17.430	178	27932	2.033	ng	98
73) Carbazole	17.700	167	60780	4.652	ng	99
75) Fluoranthene	19.351	202	76524	4.560	ng	100
78) Pyrene	19.716	202	59536	3.075	ng	98

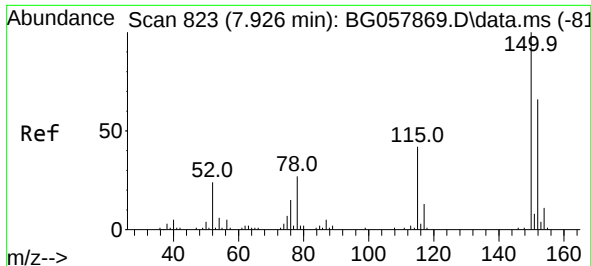
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
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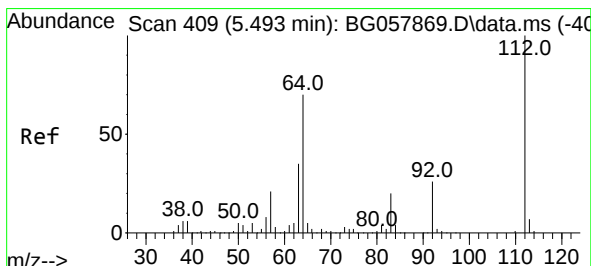
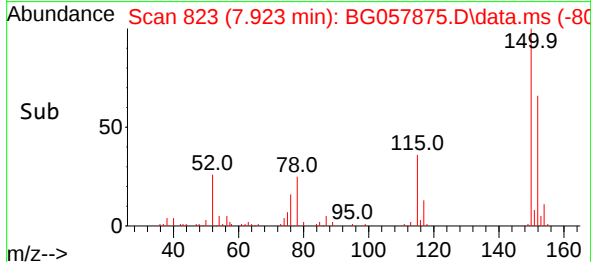
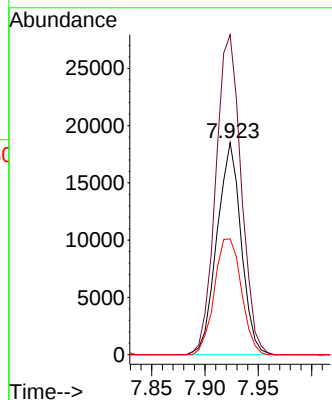
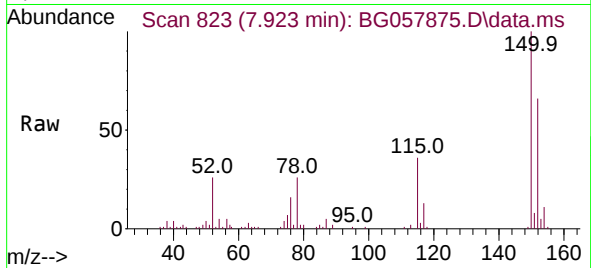




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

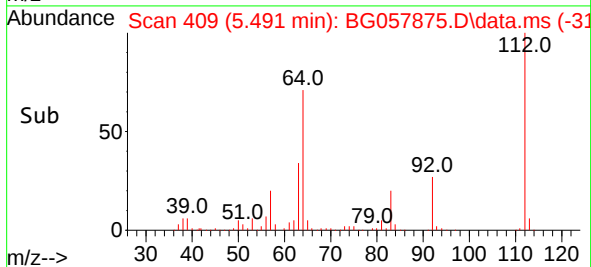
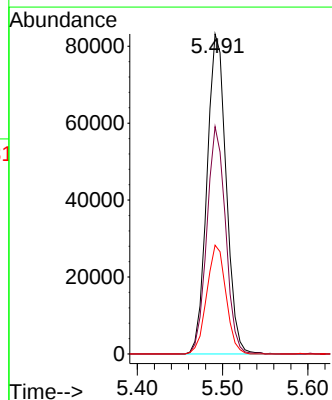
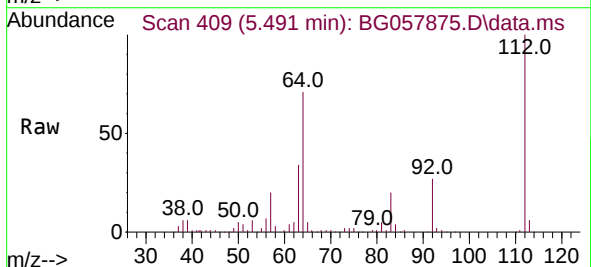
Instrument :
BNA_G
ClientSampleId :
MW-06

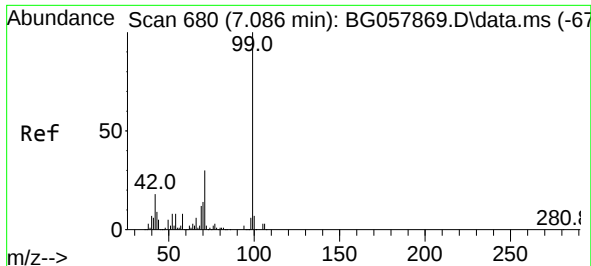
Tgt Ion:152 Resp: 29133
Ion Ratio Lower Upper
152 100
150 151.0 122.0 183.0
115 54.7 50.7 76.1



#5
2-Fluorophenol
Concen: 68.151 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

Tgt Ion:112 Resp: 129768
Ion Ratio Lower Upper
112 100
64 71.1 55.8 83.6
63 34.0 27.9 41.9

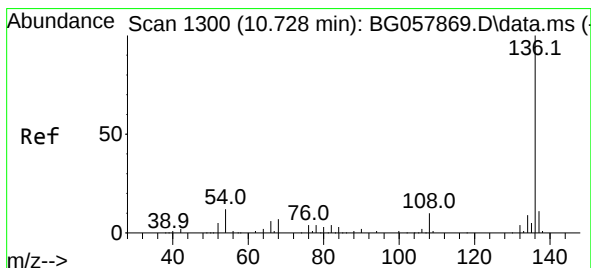
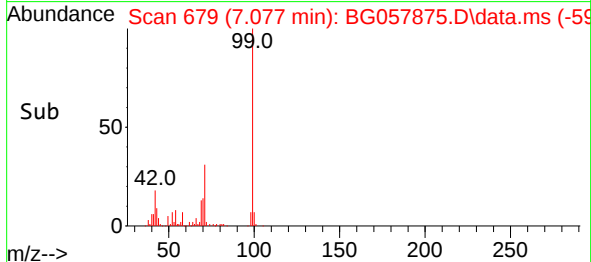
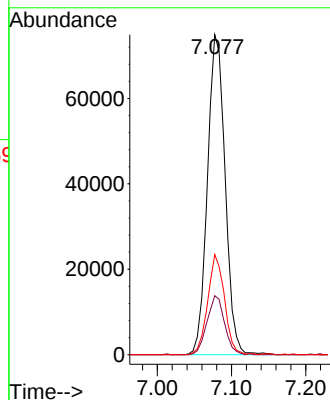
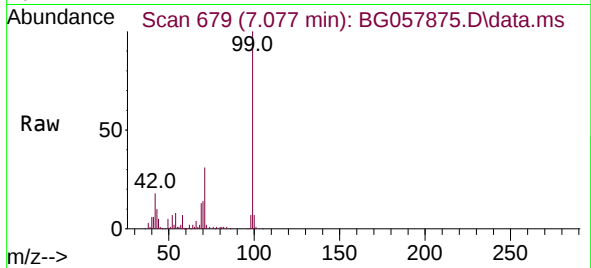




#7
Phenol-d6
Concen: 43.694 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

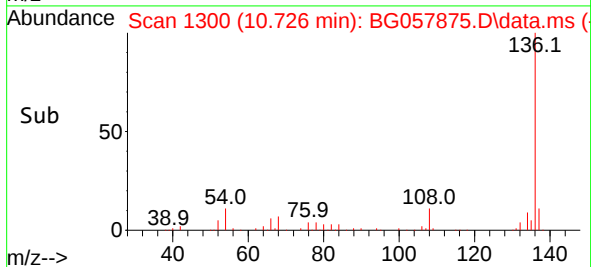
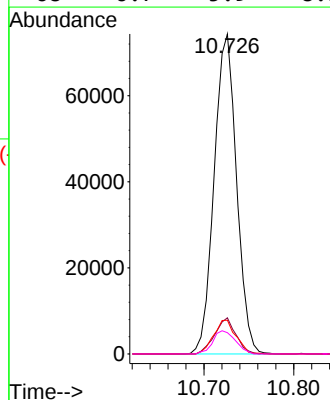
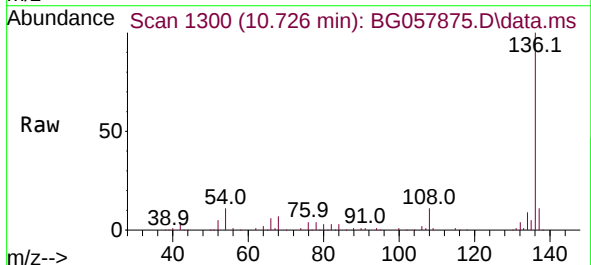
Instrument :
BNA_G
ClientSampleId :
MW-06

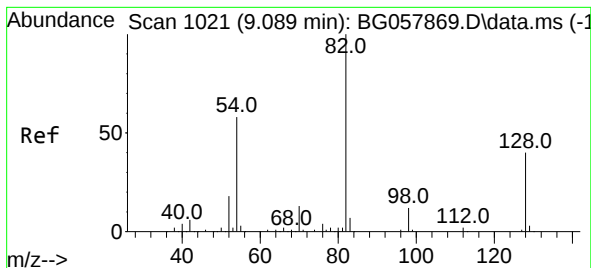
Tgt Ion: 99 Resp: 124413
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 31.3 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

Tgt Ion: 136 Resp: 128727
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.5 9.3 13.9
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 98.001 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.008 min

Lab File: BG057875.D

Acq: 27 Jun 2023 20:39

Instrument :

BNA_G

ClientSampleId :

MW-06

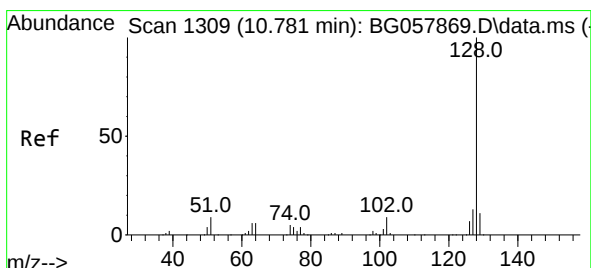
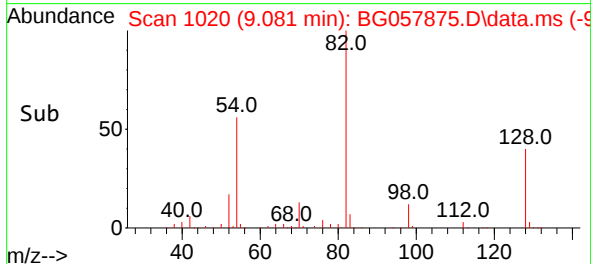
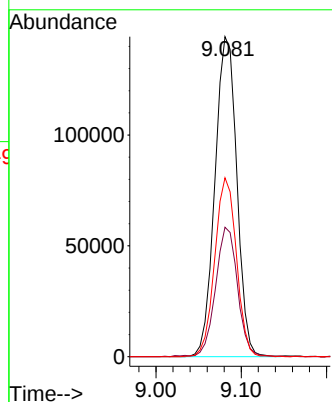
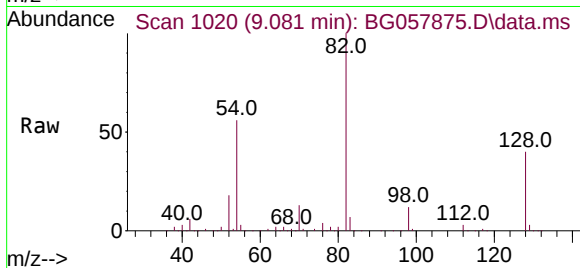
Tgt Ion: 82 Resp: 257415

Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.4

54 55.9 46.1 69.1



#31

Naphthalene

Concen: 23.810 ng

RT: 10.773 min Scan# 1308

Delta R.T. -0.008 min

Lab File: BG057875.D

Acq: 27 Jun 2023 20:39

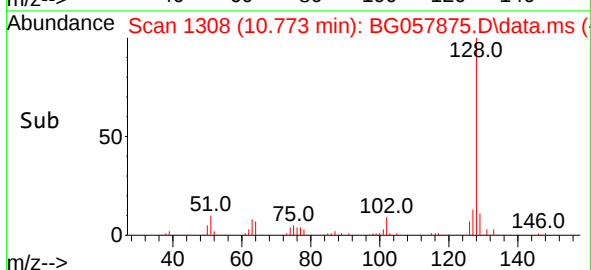
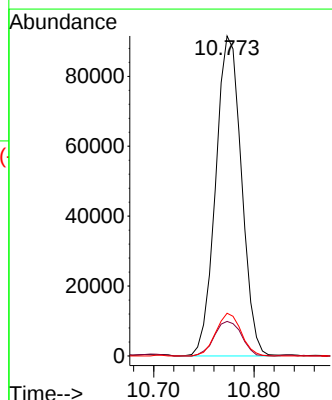
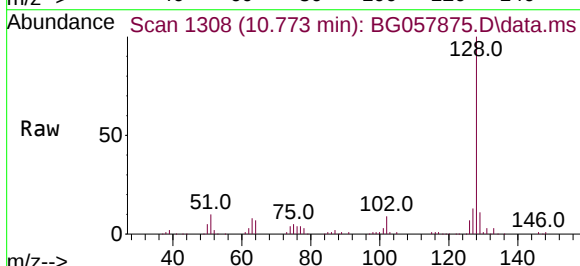
Tgt Ion: 128 Resp: 163606

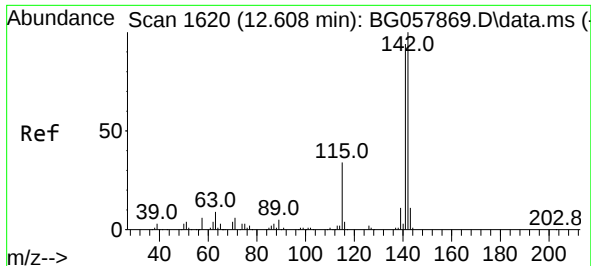
Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.4 10.3 15.5





#38

1-Methylnaphthalene

Concen: 5.925 ng

RT: 12.600 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057875.D

Acq: 27 Jun 2023 20:39

Instrument :

BNA_G

ClientSampleId :

MW-06

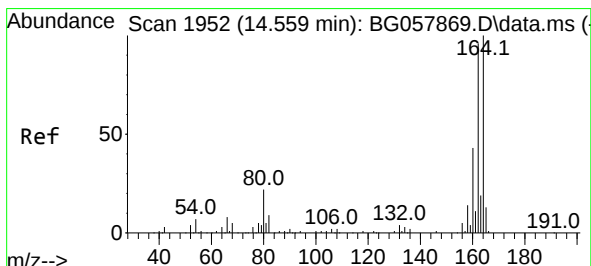
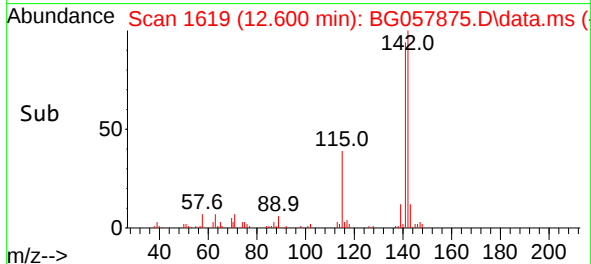
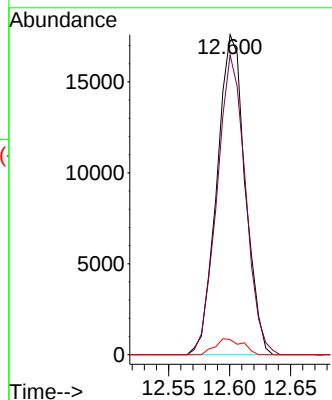
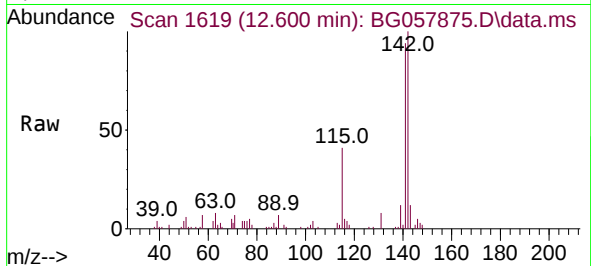
Tgt Ion:142 Resp: 28358

Ion Ratio Lower Upper

142 100

141 93.7 74.8 112.2

116 4.7 3.0 4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057875.D

Acq: 27 Jun 2023 20:39

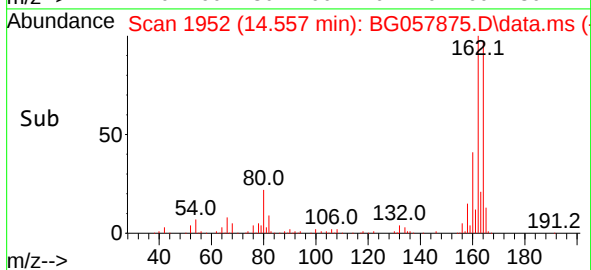
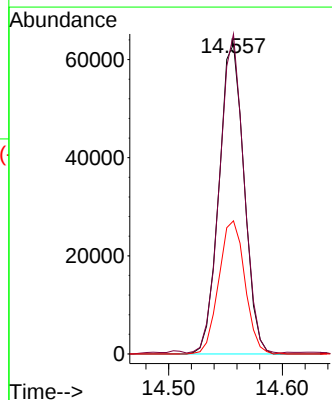
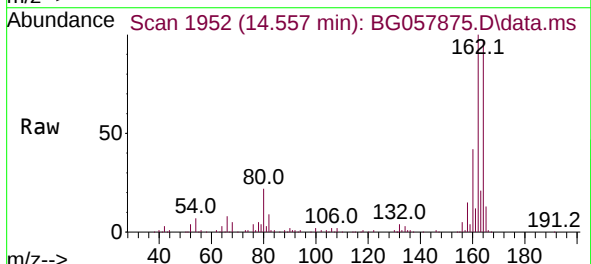
Tgt Ion:164 Resp: 96828

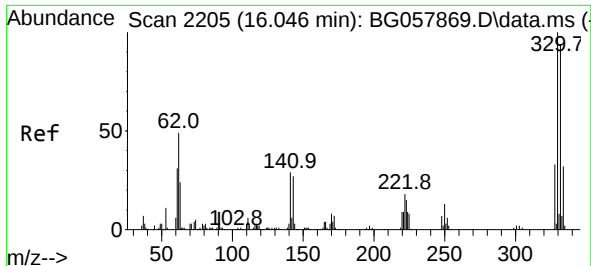
Ion Ratio Lower Upper

164 100

162 103.3 76.4 114.6

160 42.9 34.2 51.2

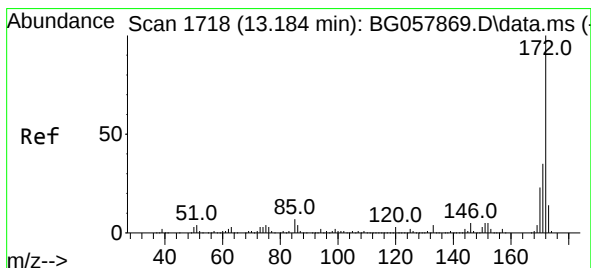
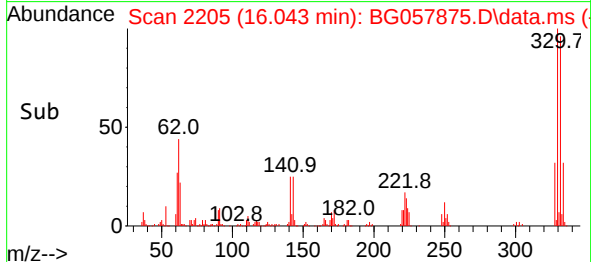
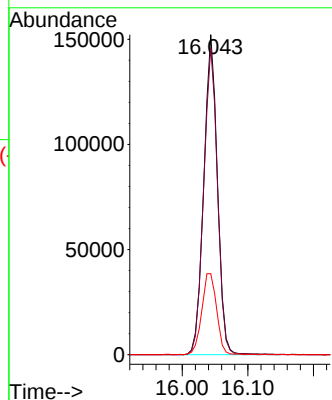
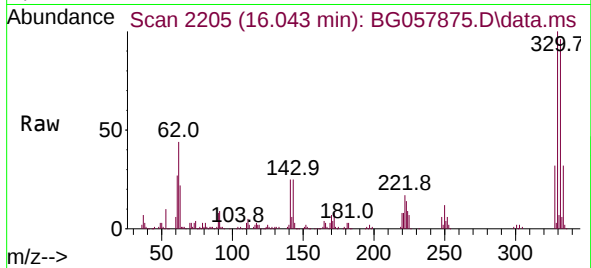




#42
2,4,6-Tribromophenol
Concen: 135.375 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

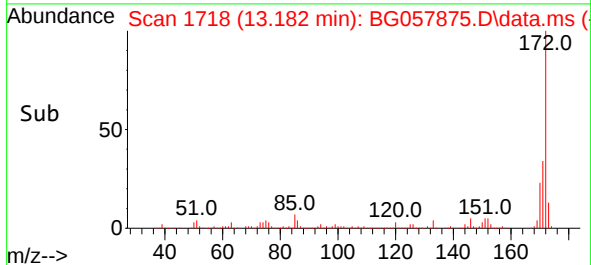
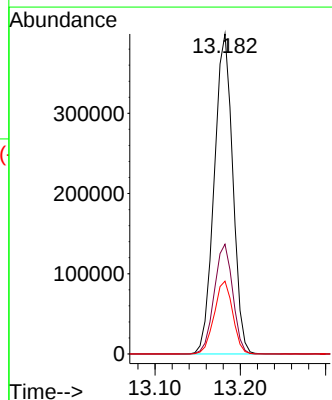
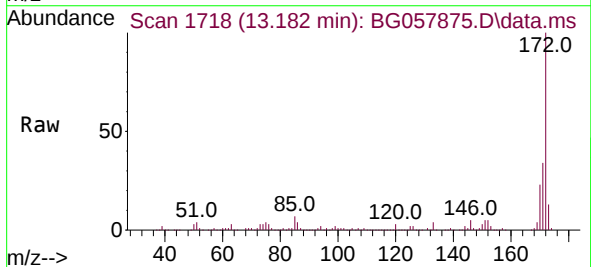
Instrument :
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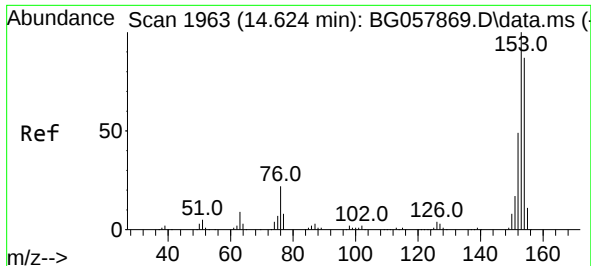
Tgt Ion:330 Resp: 220164
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.6 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 95.096 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

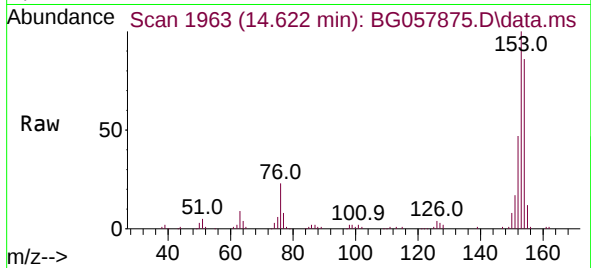
Tgt Ion:172 Resp: 603387
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.7 18.6 27.8



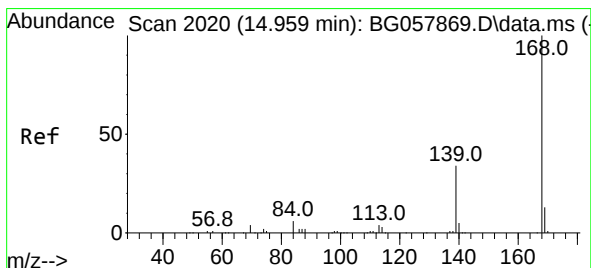
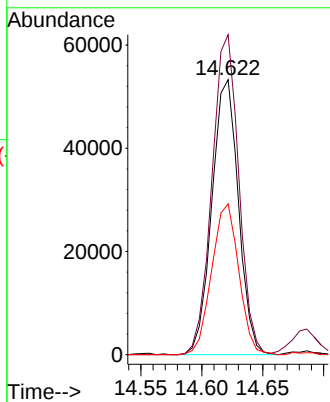
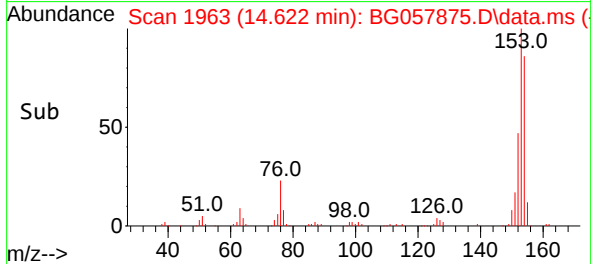


#52
Acenaphthene
Concen: 15.541 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

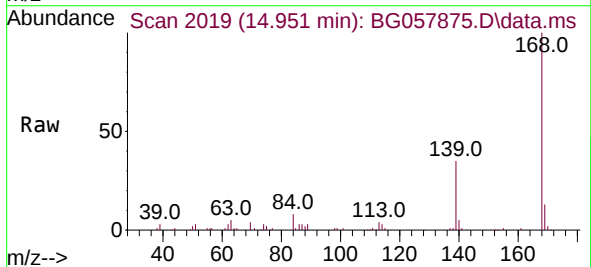
Instrument :
BNA_G
ClientSampleId :
MW-06



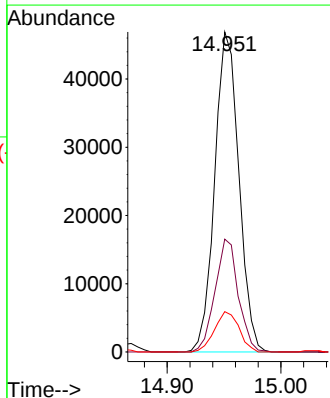
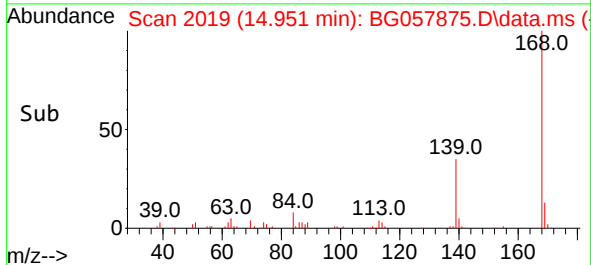
Tgt Ion:154 Resp: 80644
Ion Ratio Lower Upper
154 100
153 116.3 91.5 137.3
152 54.9 44.6 67.0

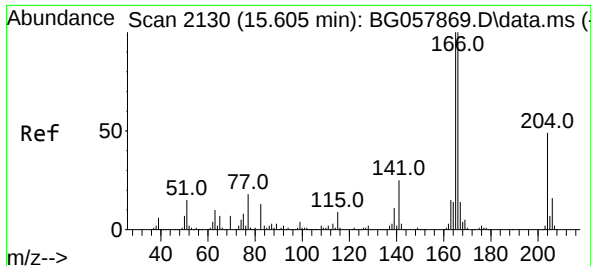


#55
Dibenzofuran
Concen: 7.766 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.008 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39



Tgt Ion:168 Resp: 69117
Ion Ratio Lower Upper
168 100
139 35.2 27.3 40.9
169 12.6 10.3 15.5

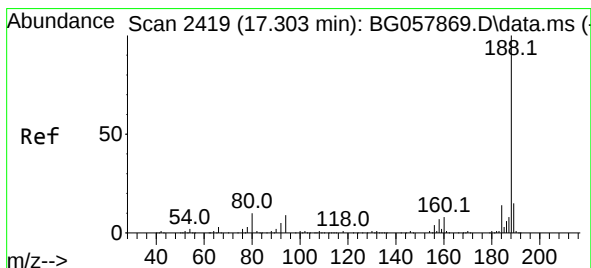
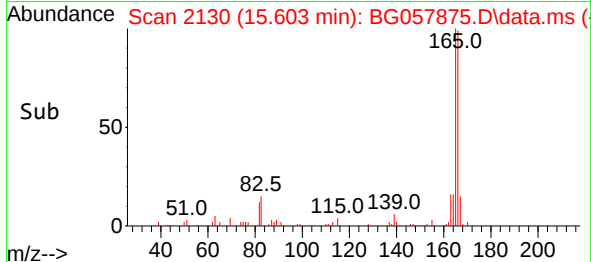
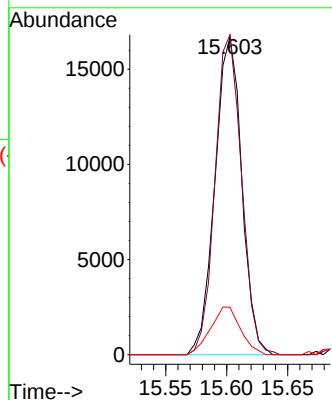
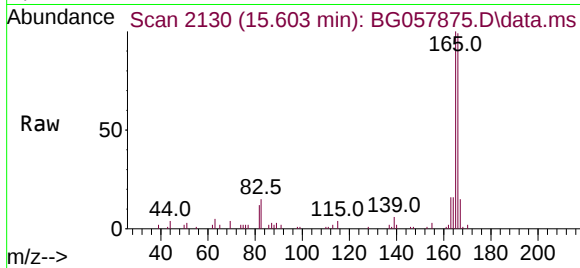




#58
 Fluorene
 Concen: 3.555 ng
 RT: 15.603 min Scan# 2130
 Delta R.T. -0.002 min
 Lab File: BG057875.D
 Acq: 27 Jun 2023 20:39

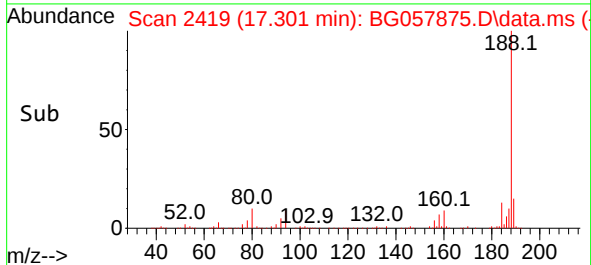
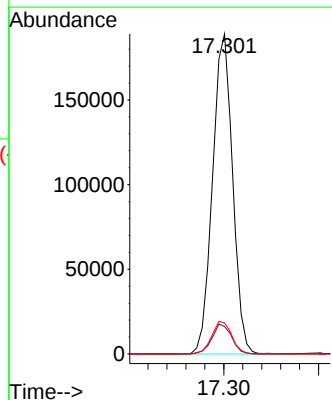
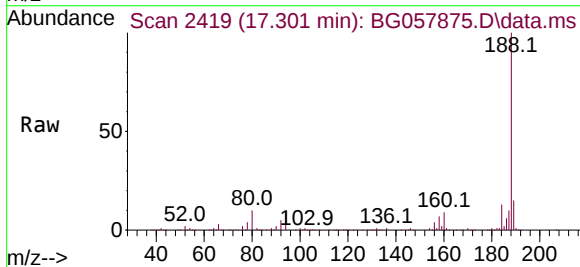
Instrument :
 BNA_G
 ClientSampleId :
 MW-06

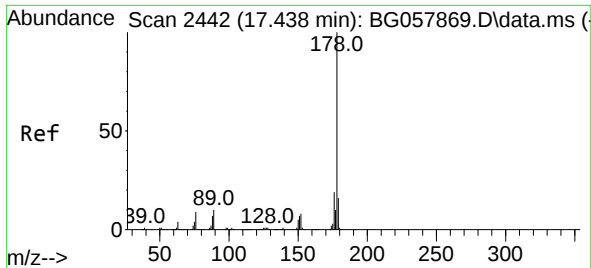
Tgt Ion:166	Resp:	25537
Ion Ratio	Lower	Upper
166	100	
165	100.8	80.0 120.0
167	14.9	11.0 16.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.301 min Scan# 2419
 Delta R.T. -0.002 min
 Lab File: BG057875.D
 Acq: 27 Jun 2023 20:39

Tgt Ion:188	Resp:	277523
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.2 10.8
80	9.7	8.4 12.6

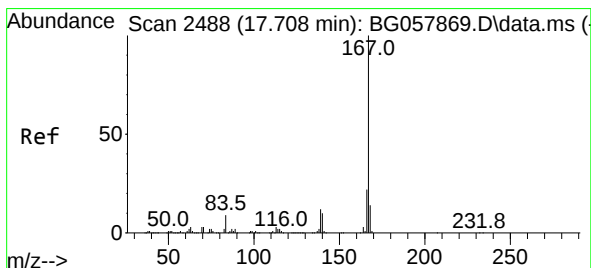
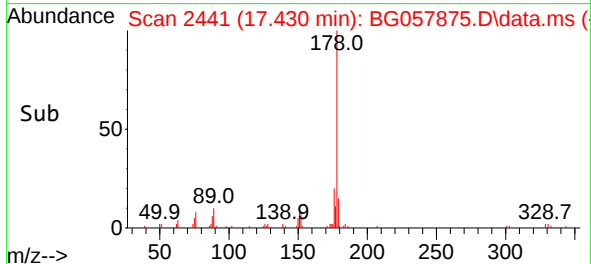
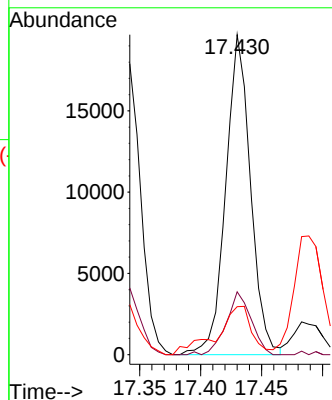
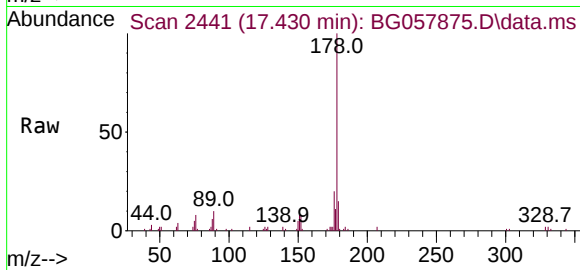




#72
 Anthracene
 Concen: 2.033 ng
 RT: 17.430 min Scan# 2442
 Delta R.T. -0.008 min
 Lab File: BG057875.D
 Acq: 27 Jun 2023 20:39

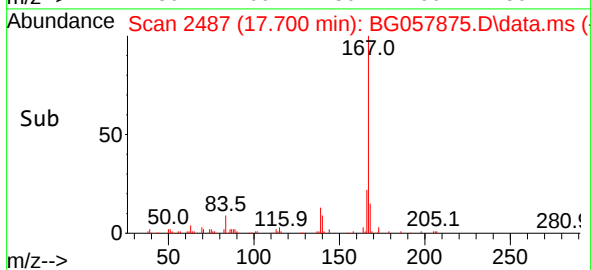
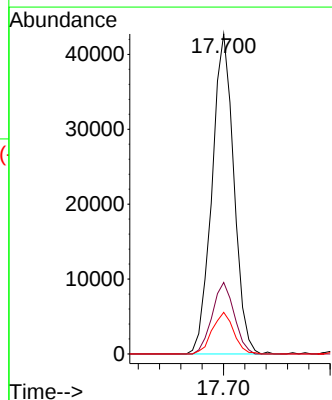
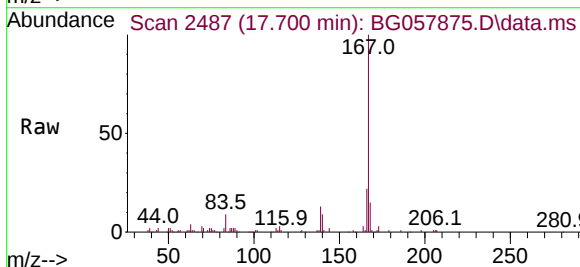
Instrument :
 BNA_G
 ClientSampleId :
 MW-06

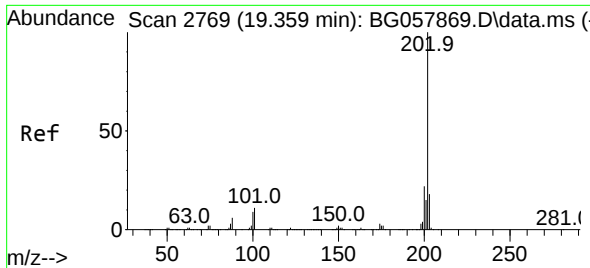
Tgt Ion:178 Resp: 27932
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 15.0 12.9 19.3



#73
 Carbazole
 Concen: 4.652 ng
 RT: 17.700 min Scan# 2487
 Delta R.T. -0.008 min
 Lab File: BG057875.D
 Acq: 27 Jun 2023 20:39

Tgt Ion:167 Resp: 60780
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.0 9.8 14.8

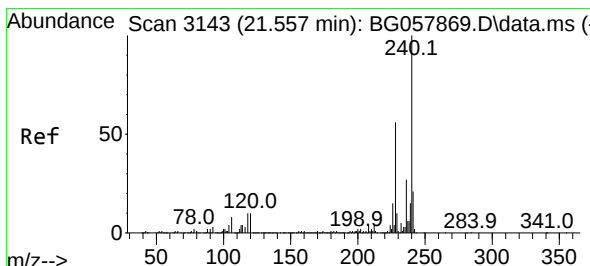
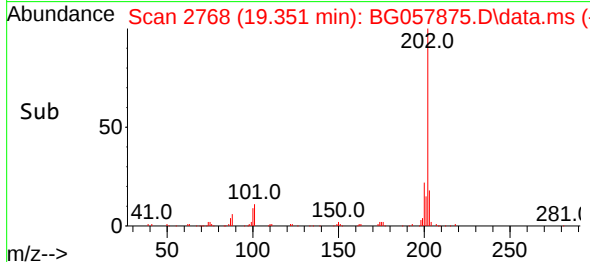
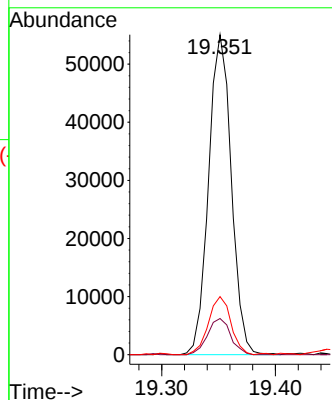
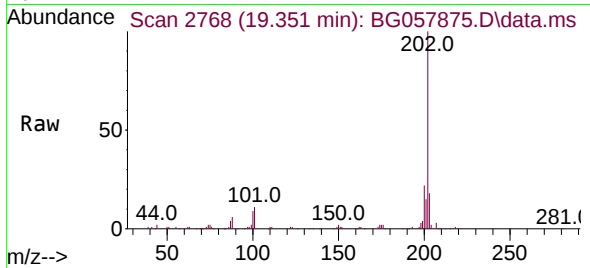




#75
Fluoranthene
Concen: 4.560 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

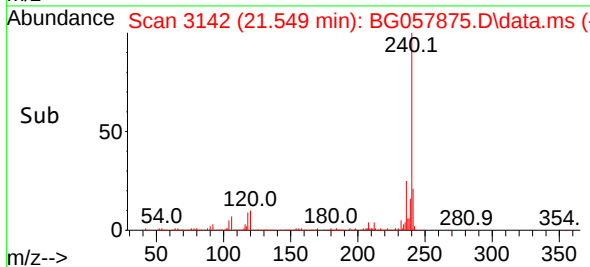
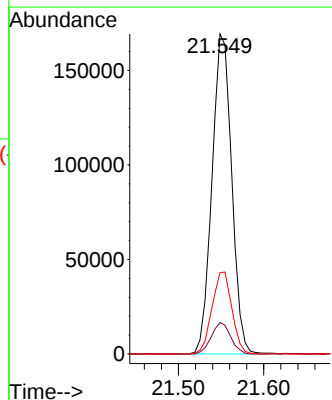
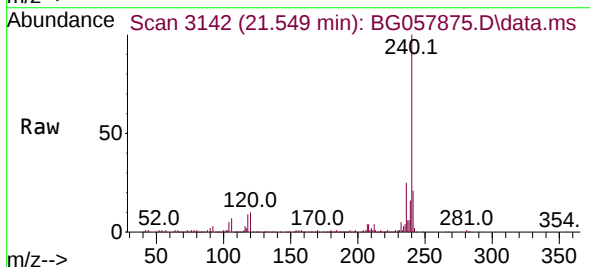
Instrument :
BNA_G
ClientSampleId :
MW-06

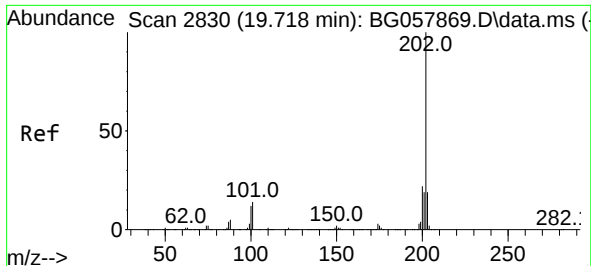
Tgt Ion:202 Resp: 76524
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 18.1 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

Tgt Ion:240 Resp: 271171
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.4 21.9 32.9

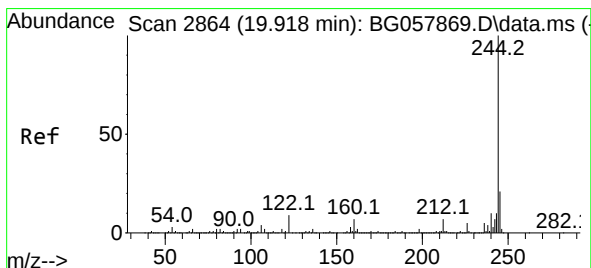
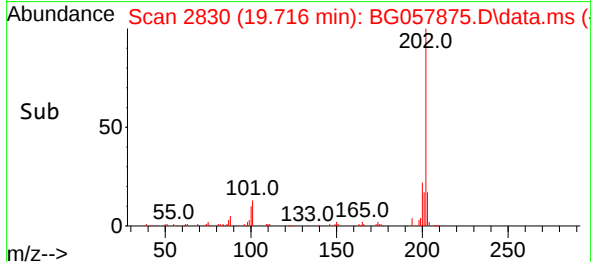
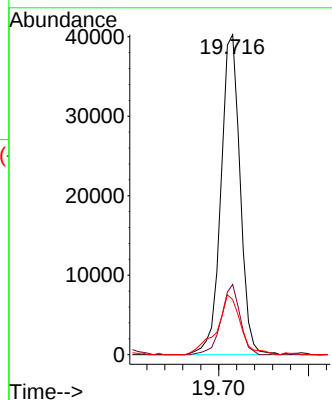
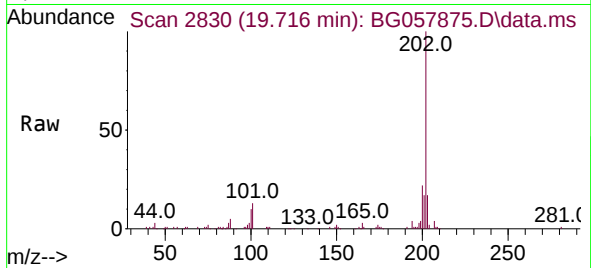




#78
Pyrene
Concen: 3.075 ng
RT: 19.716 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

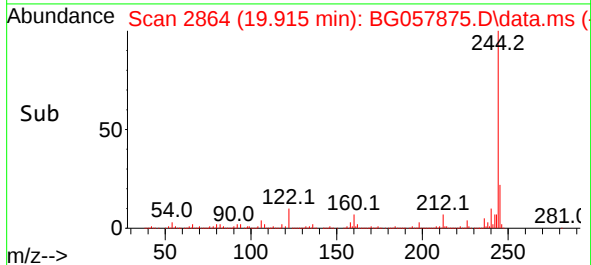
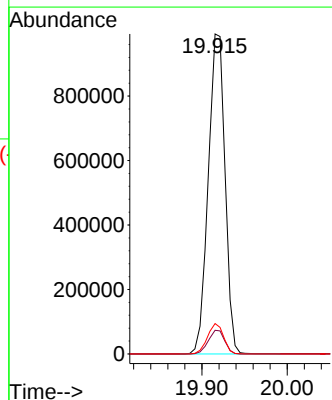
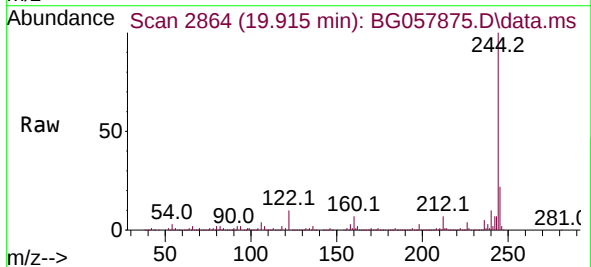
Instrument :
BNA_G
ClientSampleId :
MW-06

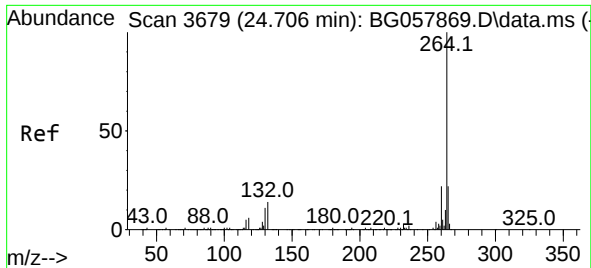
Tgt Ion:202 Resp: 59536
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.2 15.2 22.8



#79
Terphenyl-d14
Concen: 91.295 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG057875.D
Acq: 27 Jun 2023 20:39

Tgt Ion:244 Resp: 1357952
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.5 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG057875.D
 Acq: 27 Jun 2023 20:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 322613
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.8 26.8
 265 21.4 17.3 25.9

