

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055065.D
 Acq On : 4 Oct 2022 16:11
 Operator : CG/JU
 Sample : N4947-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 00:32:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

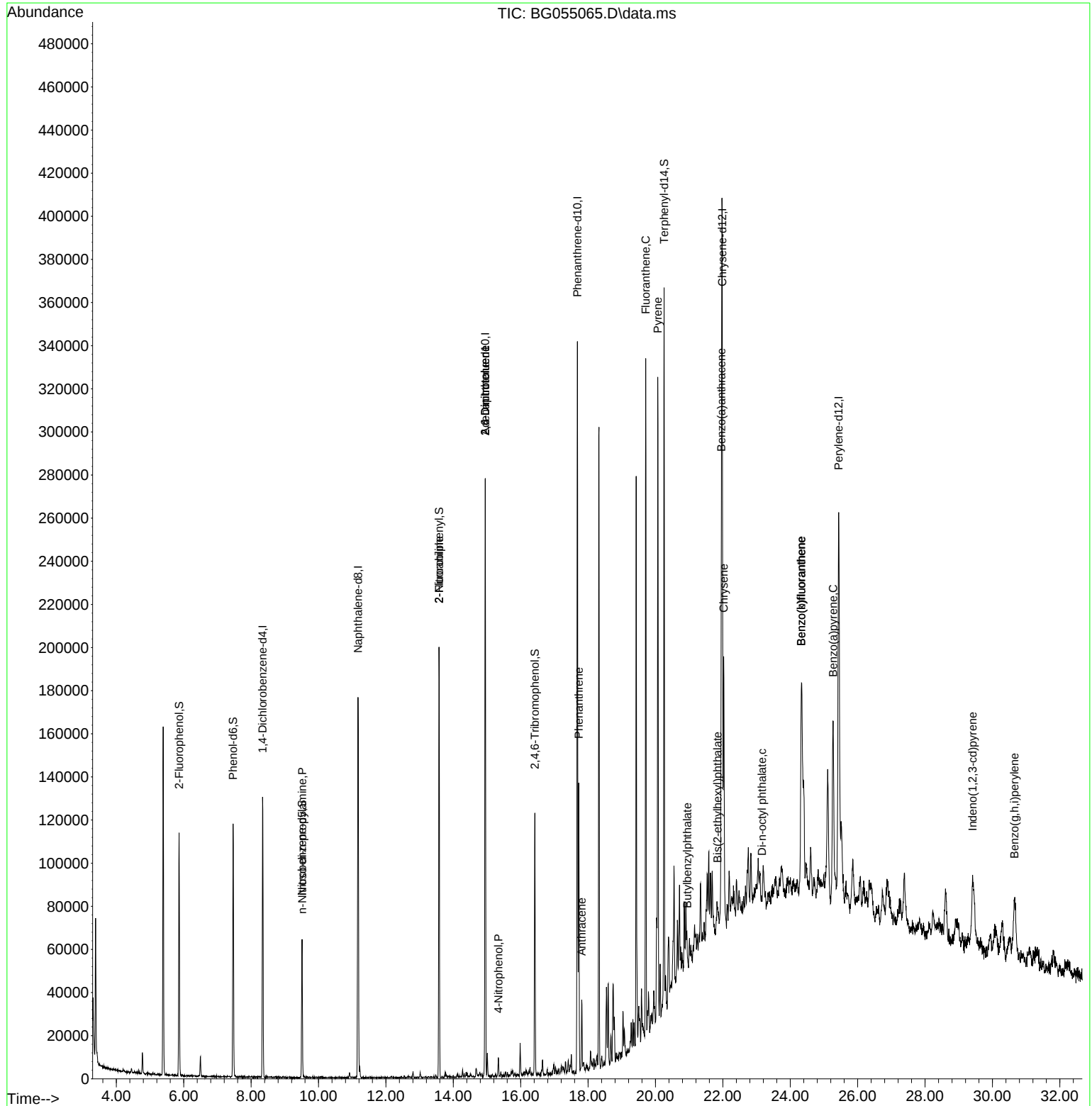
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	35220	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	152325	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	100048	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	210278	20.000	ng	0.00
76) Chrysene-d12	21.977	240	198492	20.000	ng	0.00
86) Perylene-d12	25.432	264	210808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	46441	29.288	ng	0.00
7) Phenol-d6	7.465	99	64487	27.143	ng	0.00
23) Nitrobenzene-d5	9.510	82	36602	14.358	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	24283	28.521	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	101064	15.770	ng	0.00
79) Terphenyl-d14	20.256	244	156508	15.937	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.515	70	4780	2.077	ng	# 81
48) 2-Nitroaniline	13.575	65	196	4.197	ng	# 1
51) 2,6-Dinitrotoluene	14.944	165	13209	12.307	ng	# 14
56) 4-Nitrophenol	15.338	139	1928	6.370	ng	# 1
57) 2,4-Dinitrotoluene	14.944	165	13209	10.038	ng	# 16
71) Phenanthrene	17.723	178	81933	7.418	ng	99
72) Anthracene	17.812	178	22262	2.072	ng	99
75) Fluoranthene	19.709	202	193066	14.011	ng	100
78) Pyrene	20.068	202	192481	14.583	ng	99
80) Butylbenzylphthalate	20.943	149	177	4.877	ng	# 1
81) Benzo(a)anthracene	21.954	228	108612	8.614	ng	100
83) Chrysene	22.024	228	98796	8.129	ng	97
84) Bis(2-ethylhexyl)phtha...	21.842	149	1403	4.309	ng	# 62
85) Di-n-octyl phthalate	23.158	149	358	4.372	ng	# 1
87) Indeno(1,2,3-cd)pyrene	29.410	276	68533	4.505	ng	# 95
88) Benzo(b)fluoranthene	24.328	252	136577	10.996	ng	99
89) Benzo(k)fluoranthene	24.328	252	136577	10.915	ng	99
90) Benzo(a)pyrene	25.273	252	105714	9.930	ng	98
92) Benzo(g,h,i)perylene	30.650	276	29705	2.394	ng	99

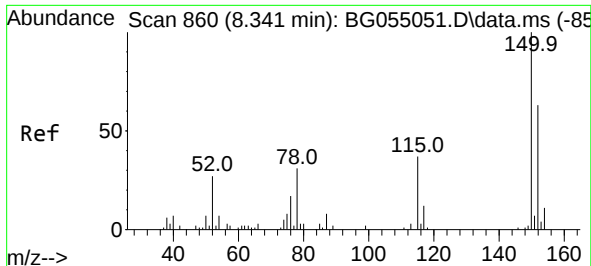
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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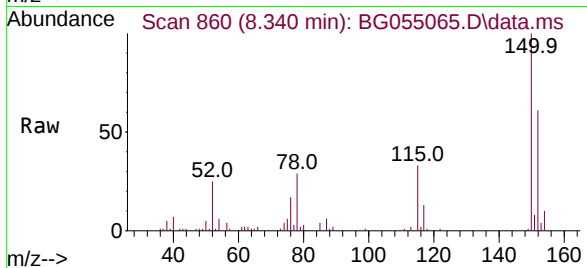
Quant Time: Oct 05 00:32:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration



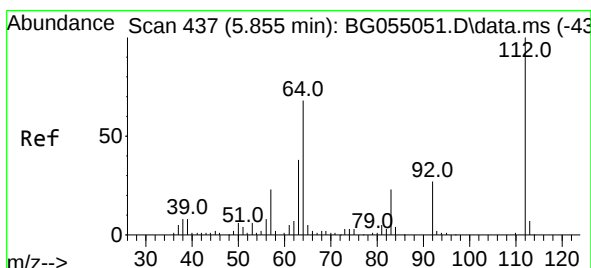
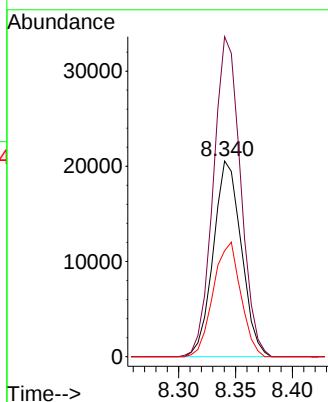
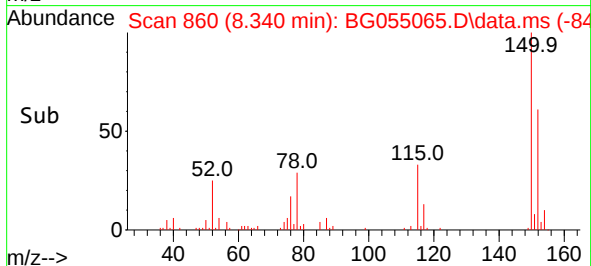


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

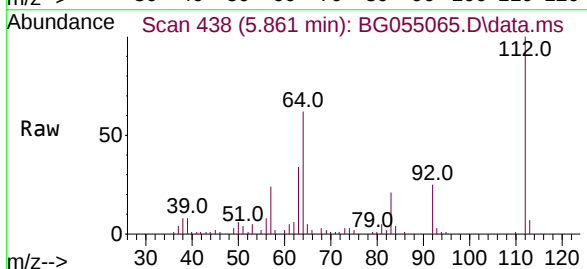
Instrument :
BNA_G
ClientSampleId :



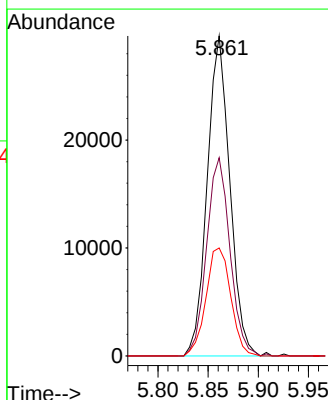
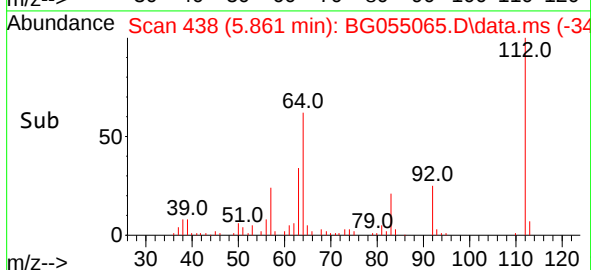
Tgt Ion:152 Resp: 35220
Ion Ratio Lower Upper
152 100
150 163.6 128.0 192.0
115 54.1 47.7 71.5

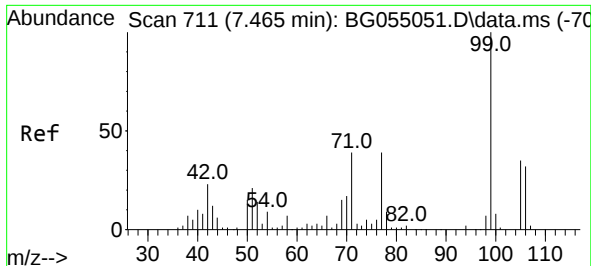


#5
2-Fluorophenol
Concen: 29.288 ng
RT: 5.861 min Scan# 438
Delta R.T. 0.006 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11



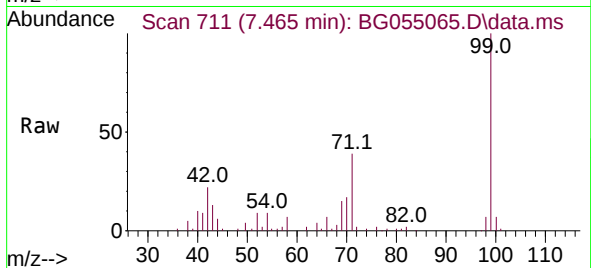
Tgt Ion:112 Resp: 46441
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 33.7 30.5 45.7



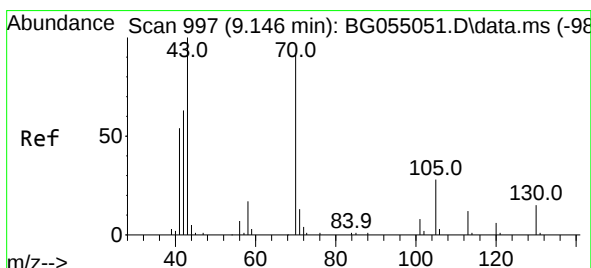
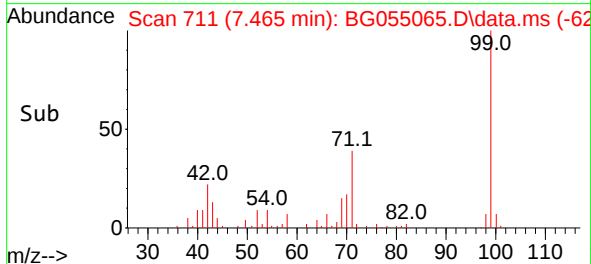
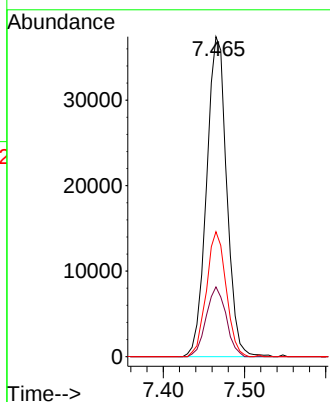


#7
Phenol-d6
Concen: 27.143 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

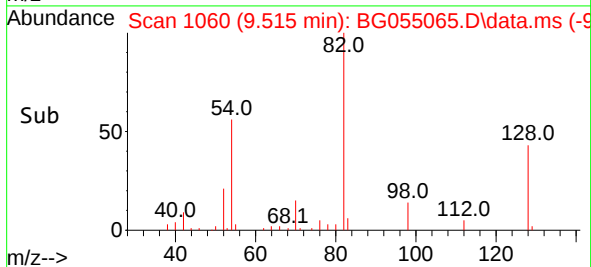
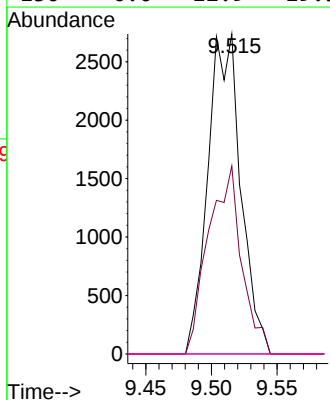
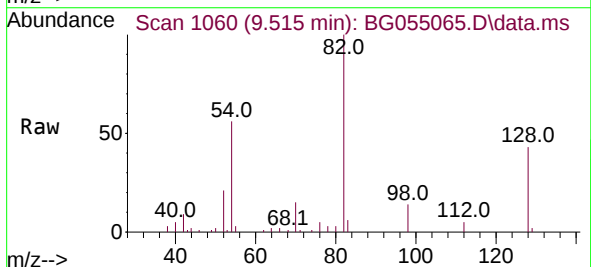


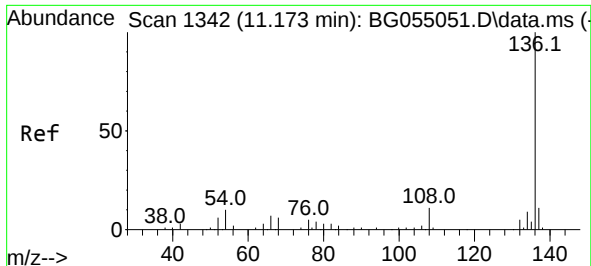
Tgt Ion: 99 Resp: 64487
Ion Ratio Lower Upper
99 100
42 21.8 18.6 28.0
71 39.0 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.077 ng
RT: 9.515 min Scan# 1060
Delta R.T. 0.370 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

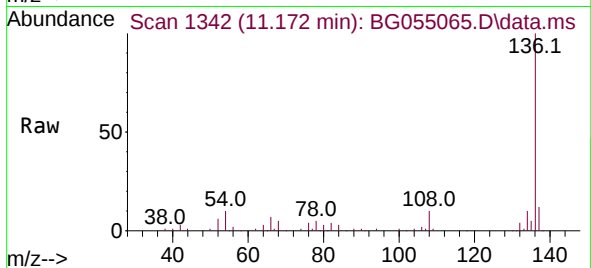
Tgt Ion: 70 Resp: 4780
Ion Ratio Lower Upper
70 100
42 58.7 55.8 83.6
101 0.0 7.1 10.7#
130 0.0 12.9 19.3#



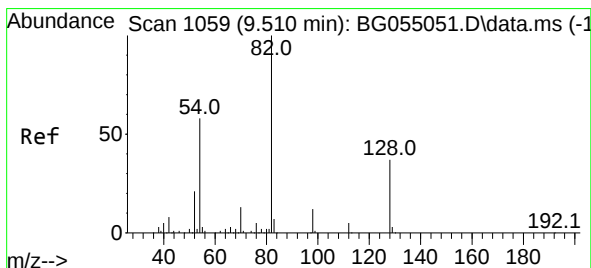
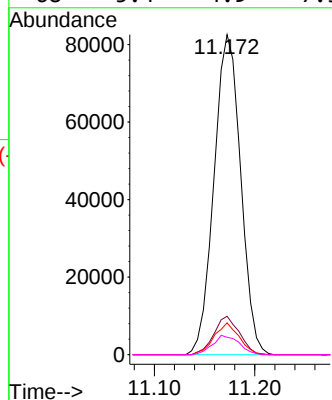


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

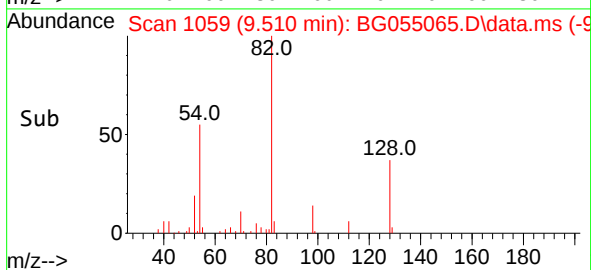
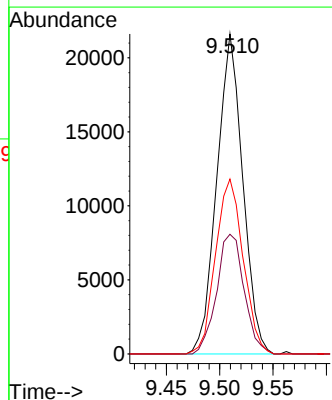
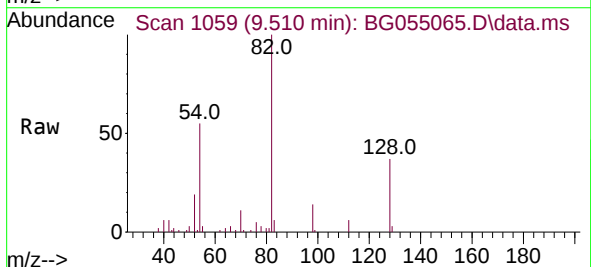


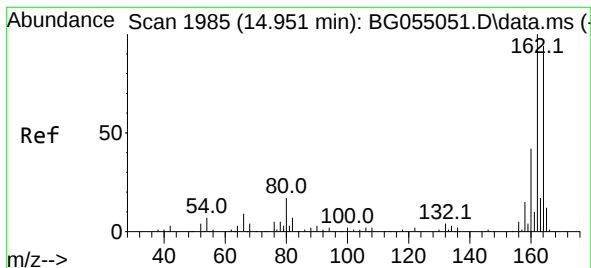
Tgt Ion:	136	Resp:	152325
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.7	13.1
54	9.9	8.2	12.4
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 14.358 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Tgt Ion:	82	Resp:	36602
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.5	44.3
54	54.6	46.7	70.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.944 min Scan# 1984

Delta R.T. -0.006 min

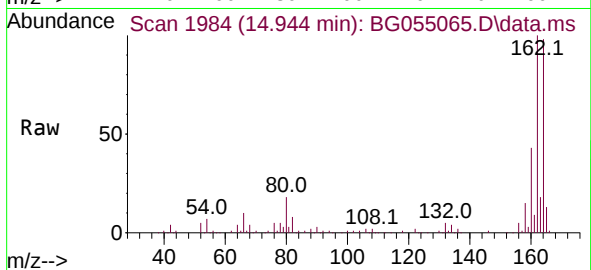
Lab File: BG055065.D

Acq: 4 Oct 2022 16:11

Instrument :

BNA_G

ClientSampleId :



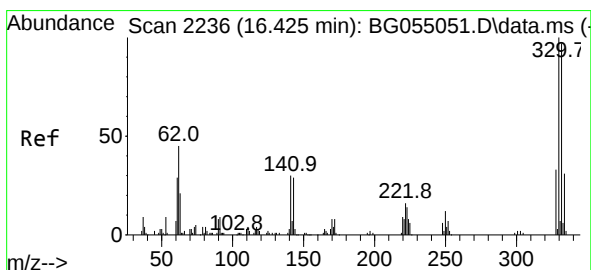
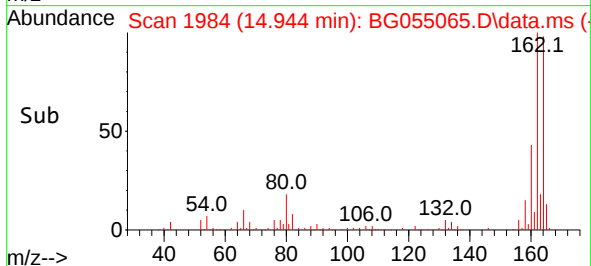
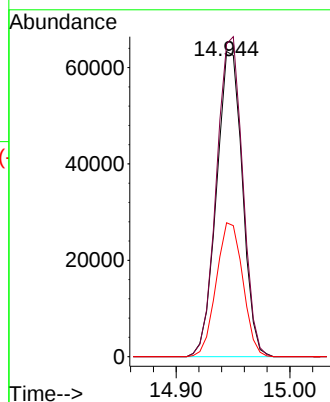
Tgt Ion:164 Resp: 100048

Ion Ratio Lower Upper

164 100

162 102.5 85.5 128.3

160 43.9 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 28.521 ng

RT: 16.419 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BG055065.D

Acq: 4 Oct 2022 16:11

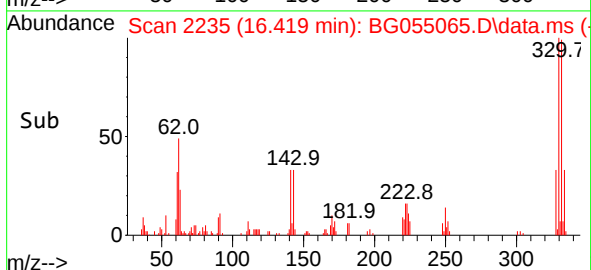
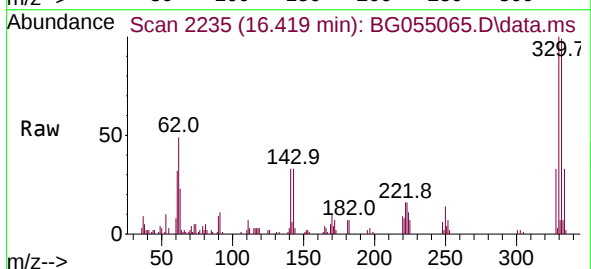
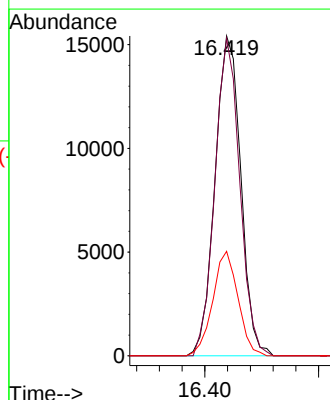
Tgt Ion:330 Resp: 24283

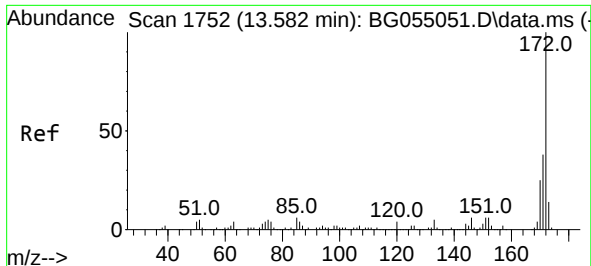
Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

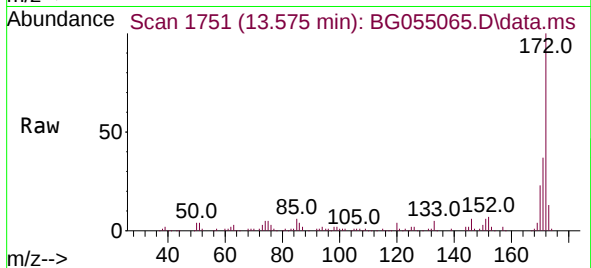
141 32.0 25.0 37.4



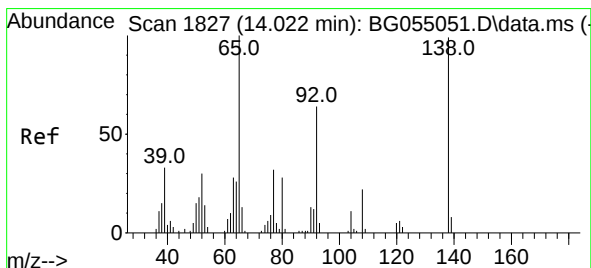
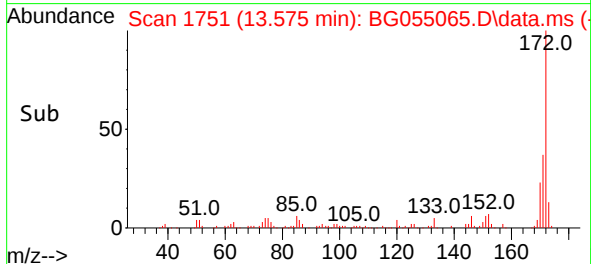
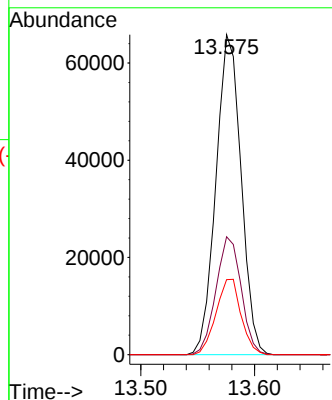


#45
2-Fluorobiphenyl
Concen: 15.770 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.007 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

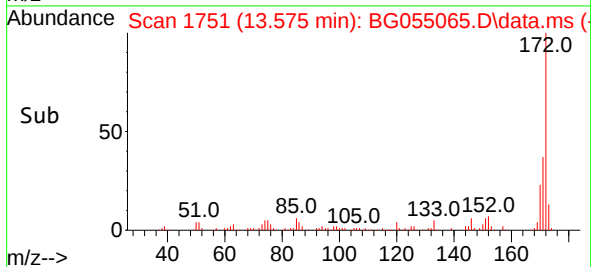
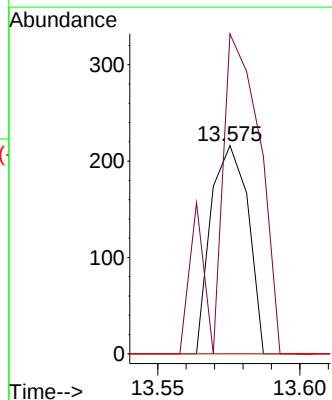
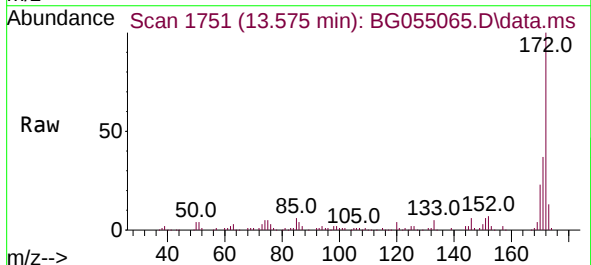


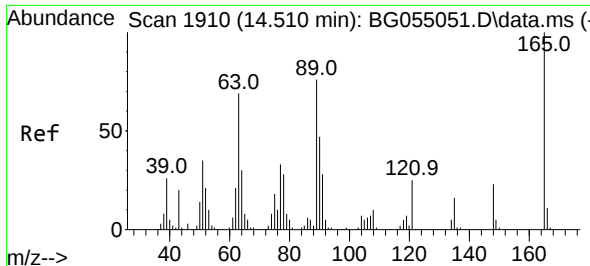
Tgt Ion:172 Resp: 101064
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 23.4 20.0 30.0



#48
2-Nitroaniline
Concen: 4.197 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.447 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

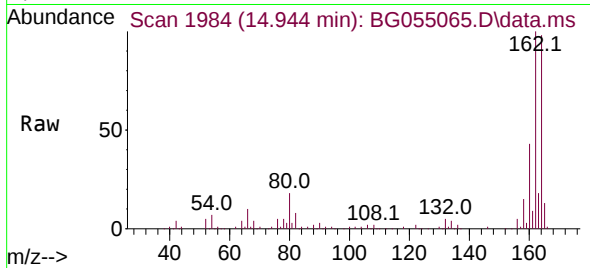
Tgt Ion: 65 Resp: 196
Ion Ratio Lower Upper
65 100
92 153.7 50.9 76.3#
138 0.0 79.5 119.3#



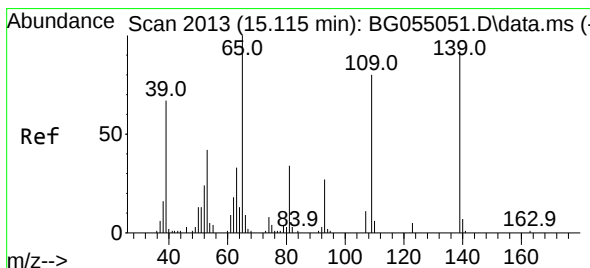
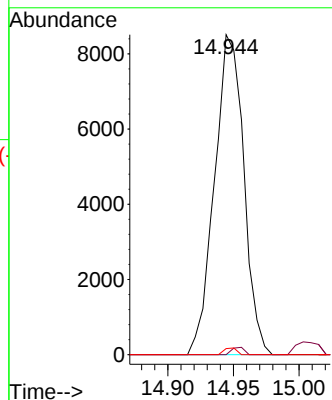
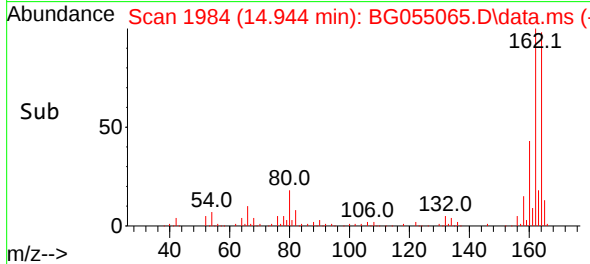


#51
2,6-Dinitrotoluene
Concen: 12.307 ng
RT: 14.944 min Scan# 1910
Delta R.T. 0.434 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

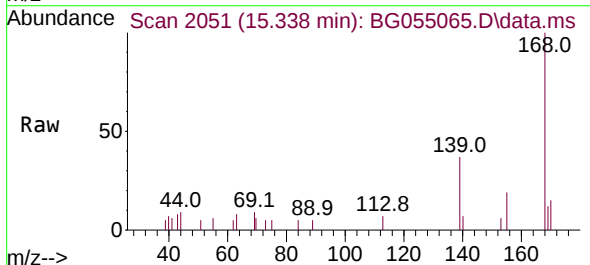
Instrument :
BNA_G
ClientSampleId :



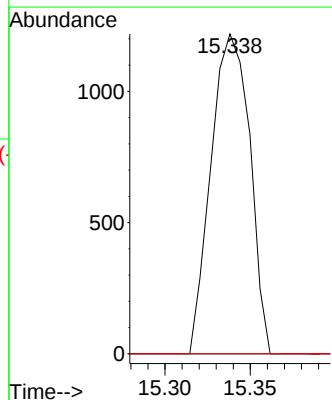
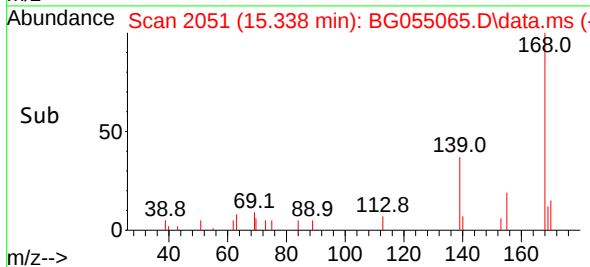
Tgt Ion:165 Resp: 13209
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 1.9 60.4 90.6#

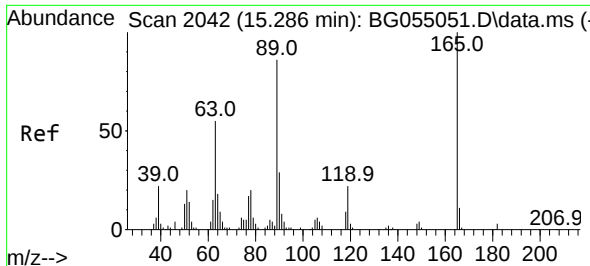


#56
4-Nitrophenol
Concen: 6.370 ng
RT: 15.338 min Scan# 2051
Delta R.T. 0.223 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11



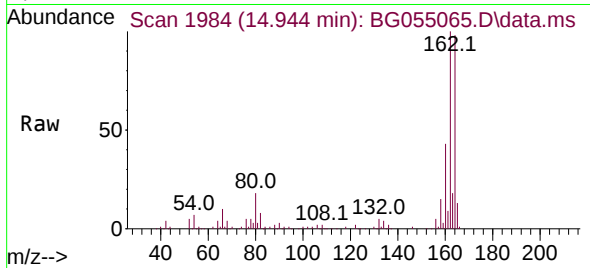
Tgt Ion:139 Resp: 1928
Ion Ratio Lower Upper
139 100
109 0.0 66.6 106.6#
65 0.0 88.5 128.5#



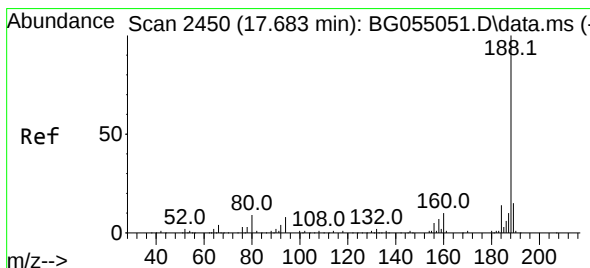
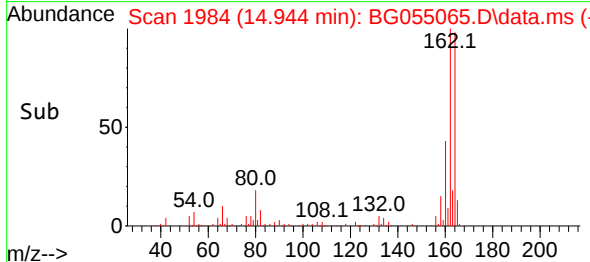
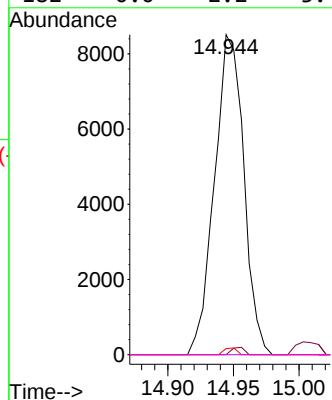


#57
2,4-Dinitrotoluene
Concen: 10.038 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.342 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

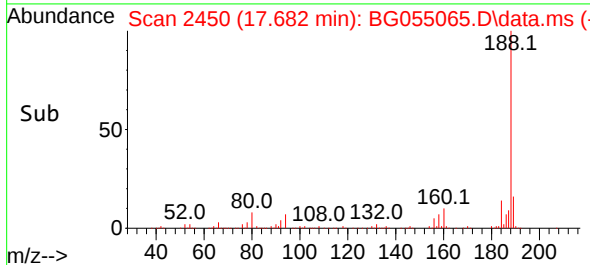
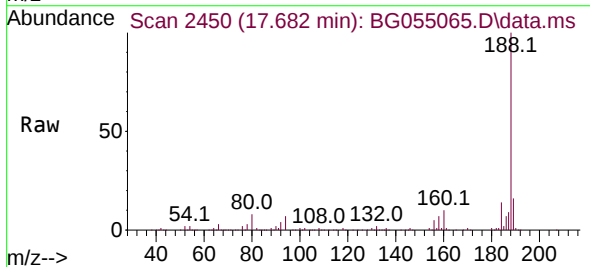
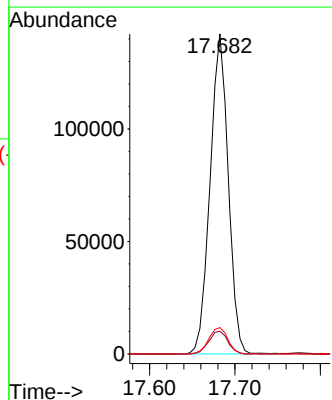


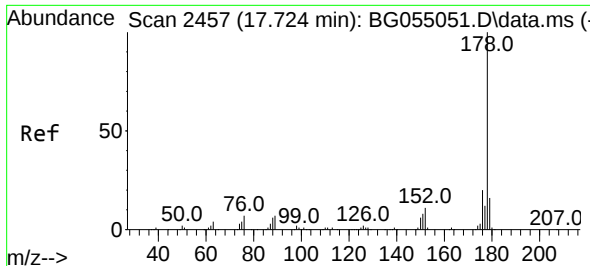
Tgt Ion:165 Resp: 13209
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 1.9 69.0 103.6#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.682 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

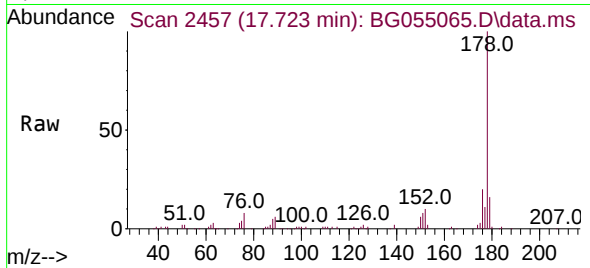
Tgt Ion:188 Resp: 210278
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.2 7.2 10.8



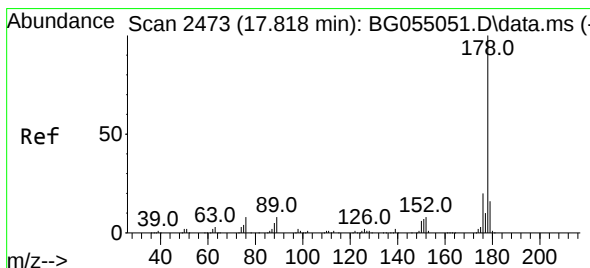
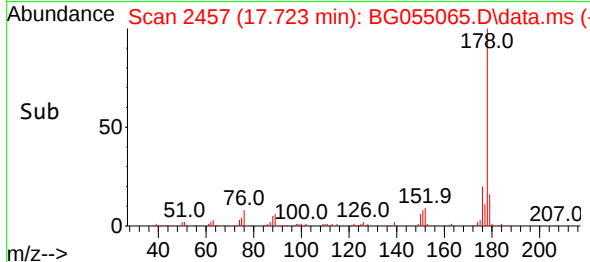
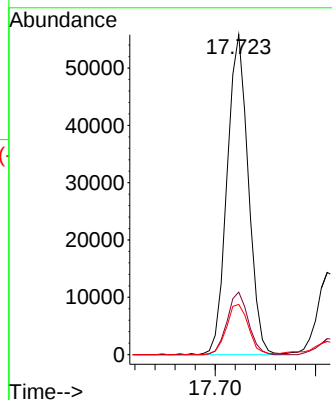


#71
Phenanthrene
Concen: 7.418 ng
RT: 17.723 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

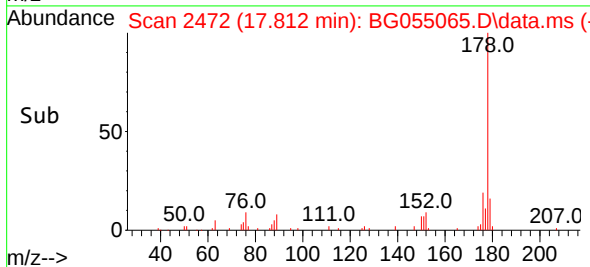
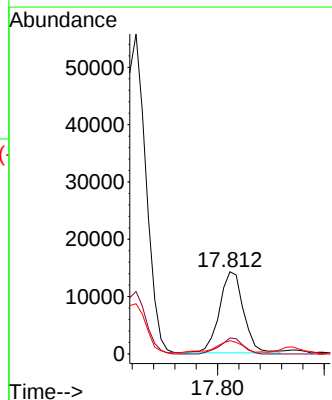
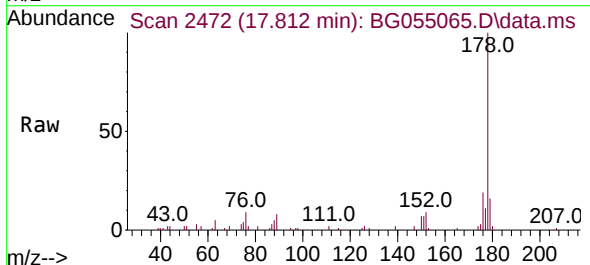


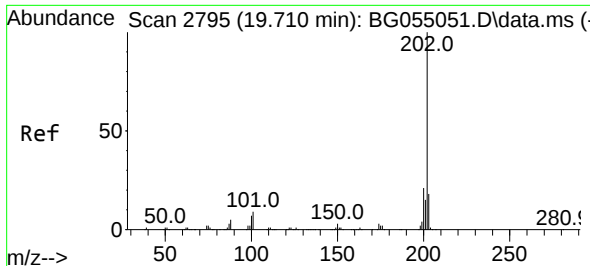
Tgt Ion:178 Resp: 81933
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 2.072 ng
RT: 17.812 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

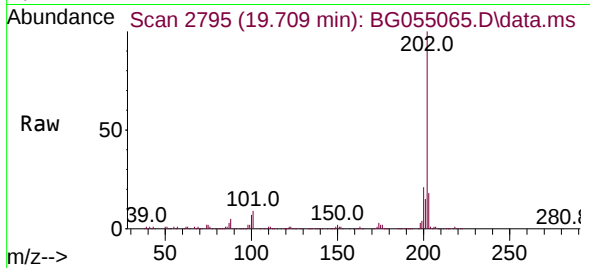
Tgt Ion:178 Resp: 22262
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.1 12.5 18.7



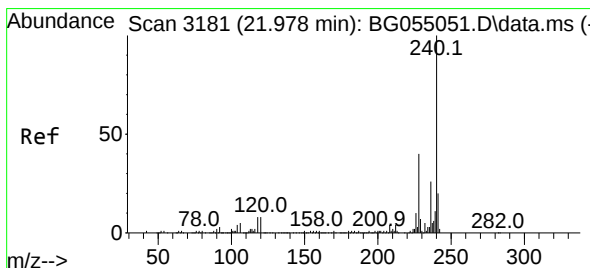
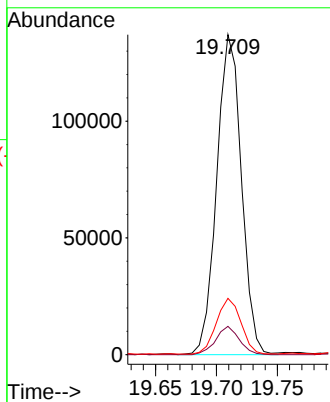
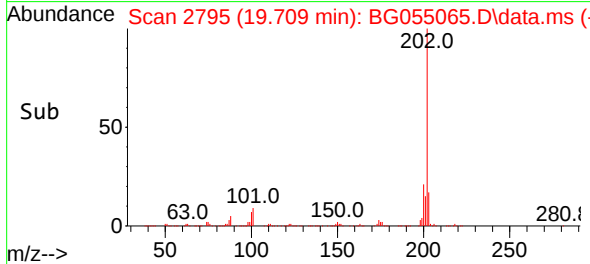


#75
Fluoranthene
Concen: 14.011 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Instrument :
BNA_G
ClientSampleId :

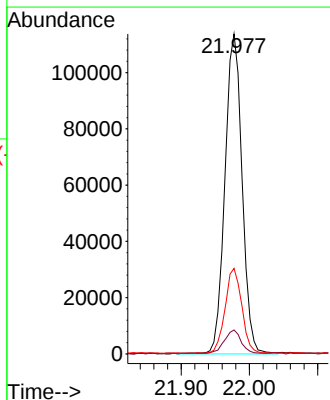
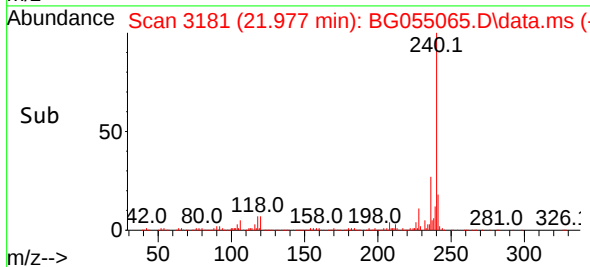
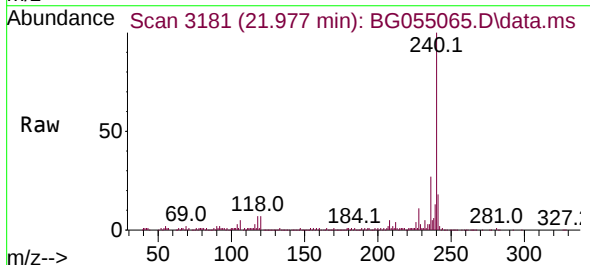


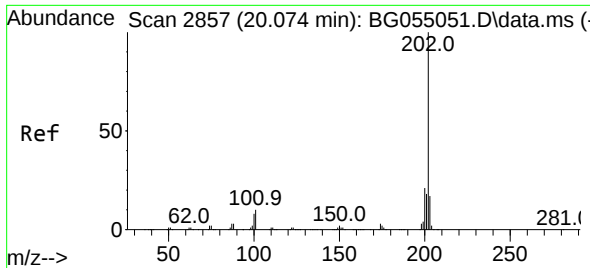
Tgt Ion:202 Resp: 193066
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Tgt Ion:240 Resp: 198492
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 26.7 20.6 30.8

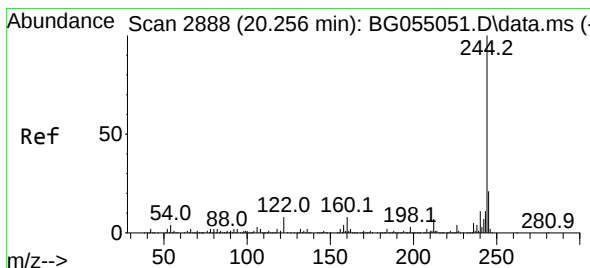
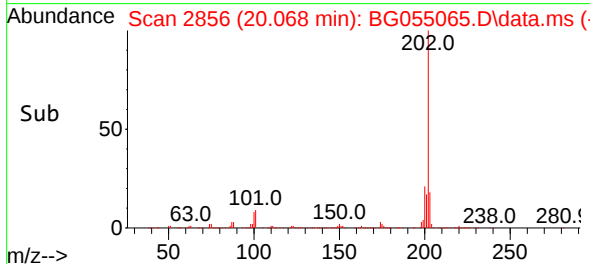
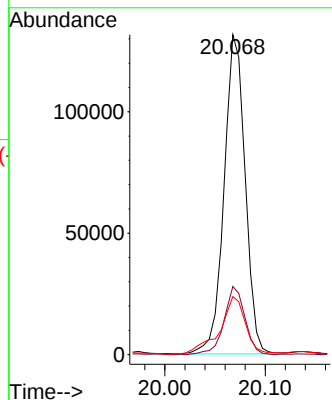
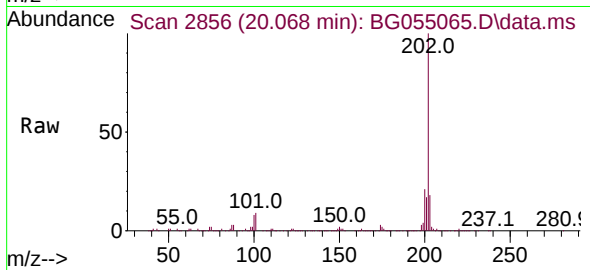




#78
 Pyrene
 Concen: 14.583 ng
 RT: 20.068 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

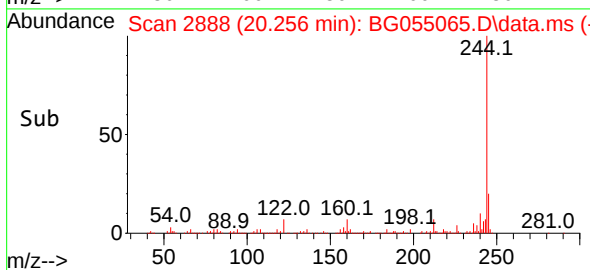
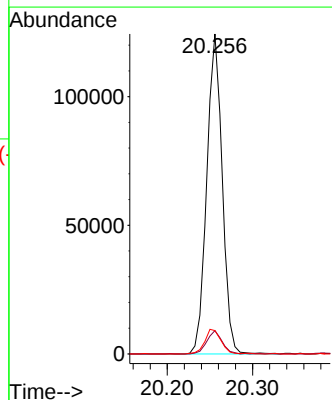
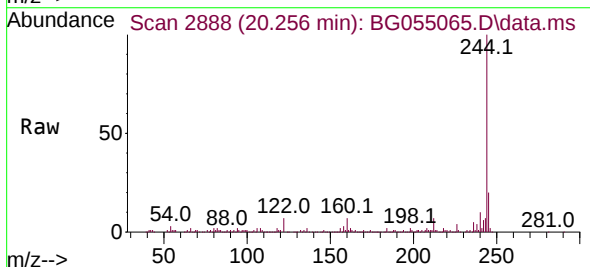
Instrument :
 BNA_G
 ClientSampleId :

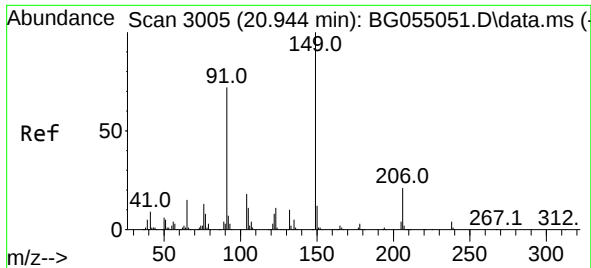
Tgt Ion:202 Resp: 192481
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.6 25.0
 203 18.1 14.0 21.0



#79
 Terphenyl-d14
 Concen: 15.937 ng
 RT: 20.256 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

Tgt Ion:244 Resp: 156508
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.3 6.6 10.0

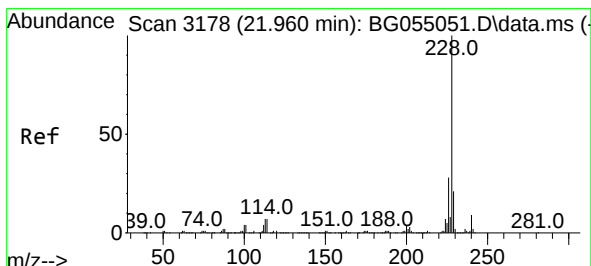
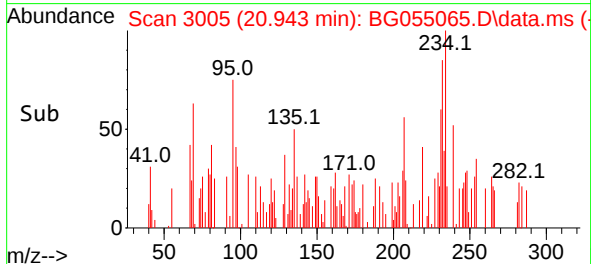
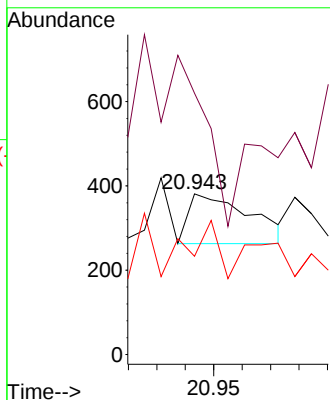
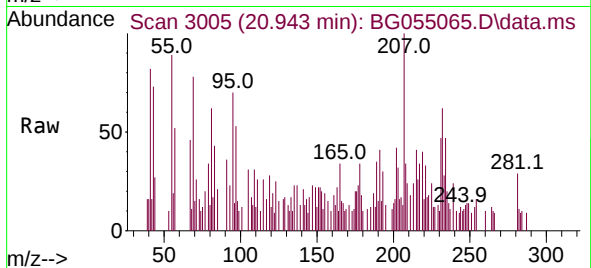




#80
 Butylbenzylphthalate
 Concen: 4.877 ng
 RT: 20.943 min Scan# 3005
 Delta R.T. -0.001 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

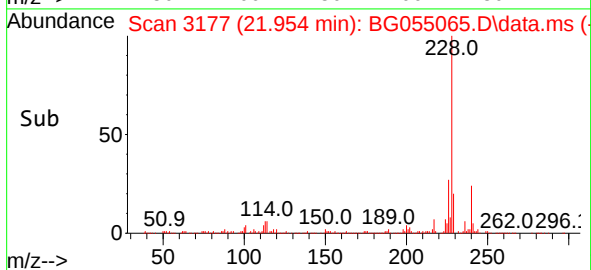
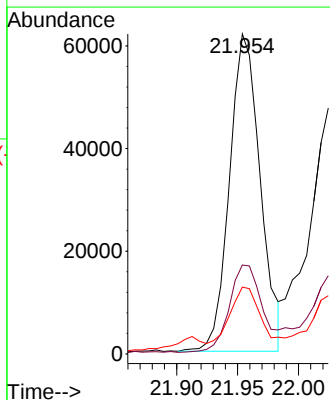
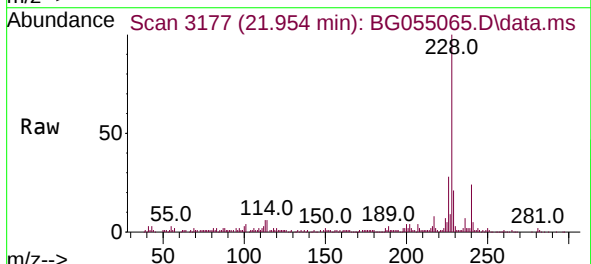
Instrument :
 BNA_G
 ClientSampleId :

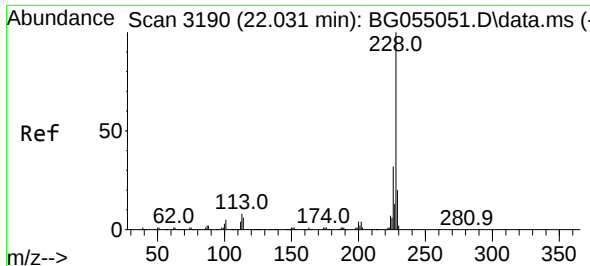
Tgt Ion:149 Resp: 177
 Ion Ratio Lower Upper
 149 100
 91 162.7 57.8 86.8#
 206 61.2 16.9 25.3#



#81
 Benzo(a)anthracene
 Concen: 8.614 ng
 RT: 21.954 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

Tgt Ion:228 Resp: 108612
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.4 33.6
 229 20.9 16.7 25.1

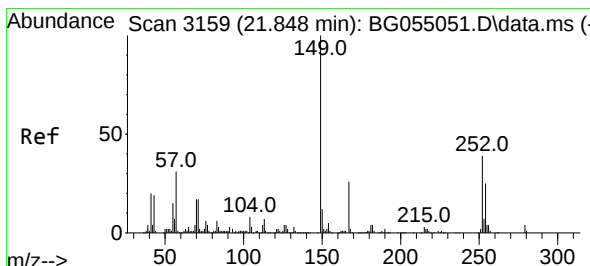
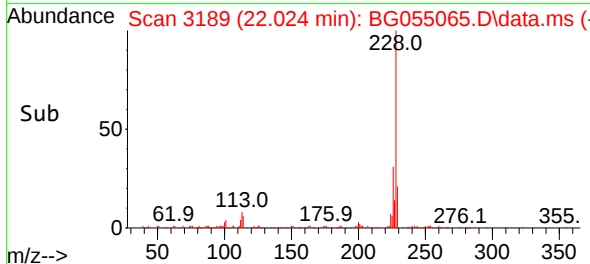
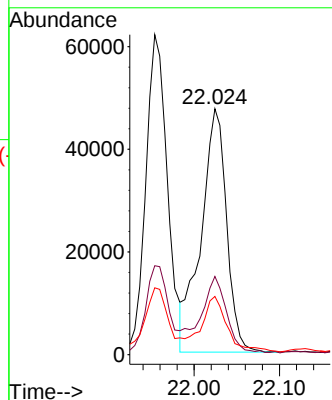
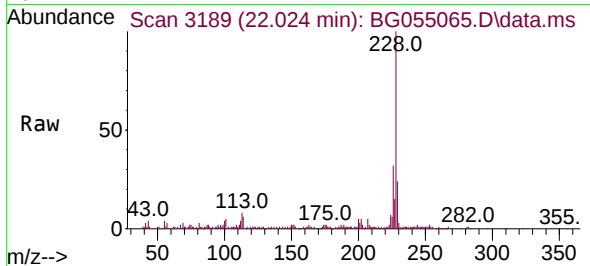




#83
Chrysene
Concen: 8.129 ng
RT: 22.024 min Scan# 3190
Delta R.T. -0.006 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

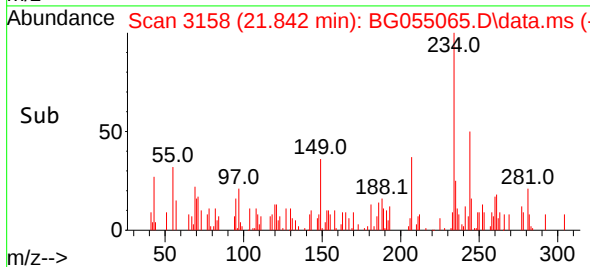
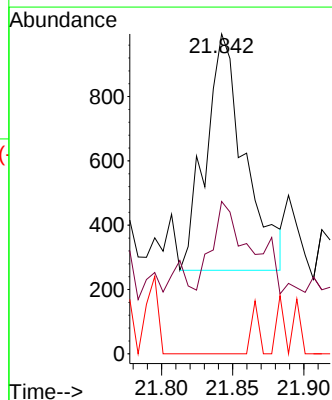
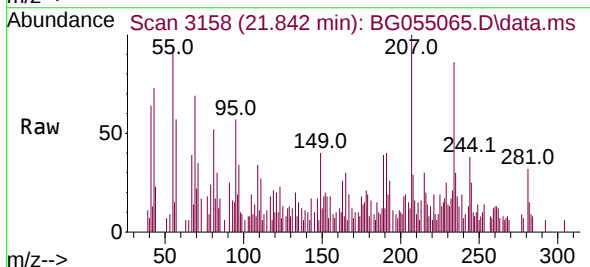
Instrument :
BNA_G
ClientSampleId :

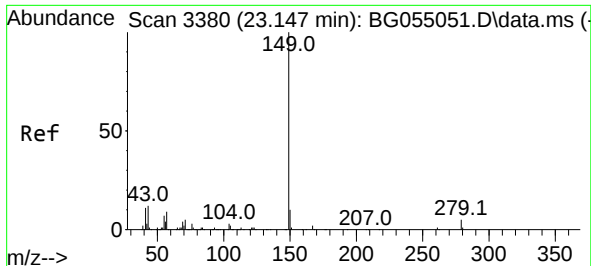
Tgt Ion:228 Resp: 98796
Ion Ratio Lower Upper
228 100
226 31.8 25.3 37.9
229 23.7 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.309 ng
RT: 21.842 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Tgt Ion:149 Resp: 1403
Ion Ratio Lower Upper
149 100
167 47.6 21.0 31.4#
279 0.0 3.4 5.2#

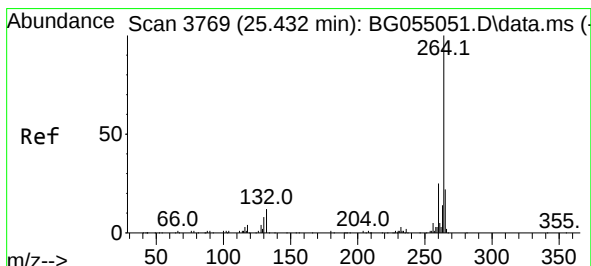
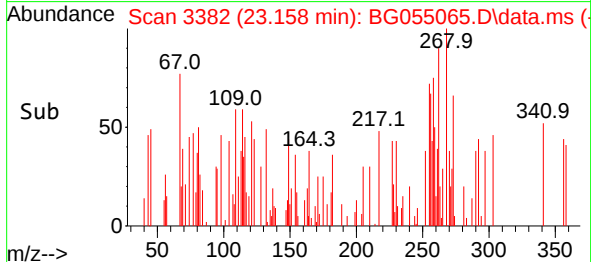
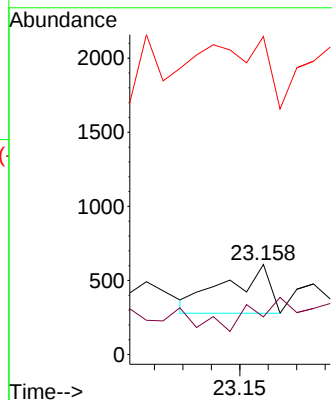
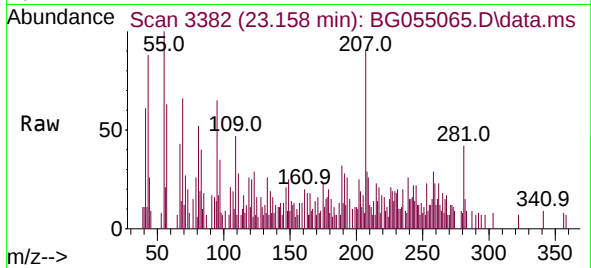




#85
Di-n-octyl phthalate
Concen: 4.372 ng
RT: 23.158 min Scan# 3382
Delta R.T. 0.011 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

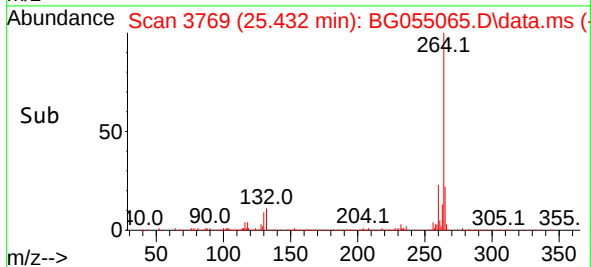
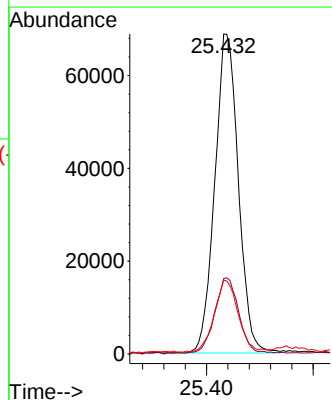
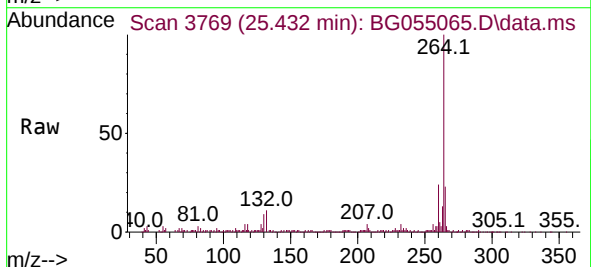
Instrument :
BNA_G
ClientSampleId :

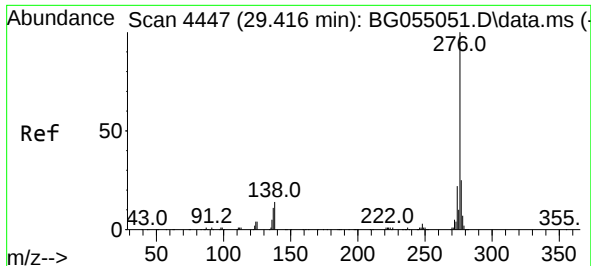
Tgt Ion:149 Resp: 358
Ion Ratio Lower Upper
149 100
167 77.9 1.3 1.9#
43 197.2 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.432 min Scan# 3769
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

Tgt Ion:264 Resp: 210808
Ion Ratio Lower Upper
264 100
260 23.5 19.7 29.5
265 23.0 17.8 26.6

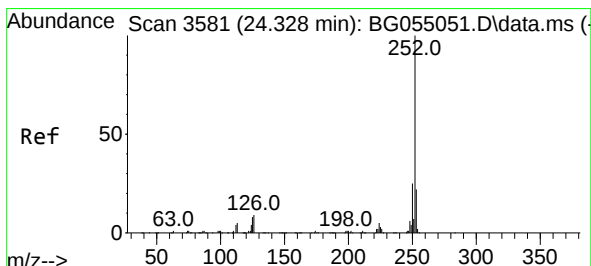
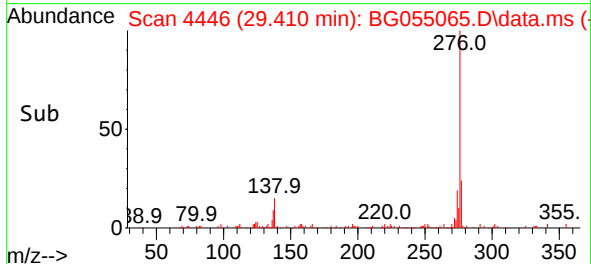
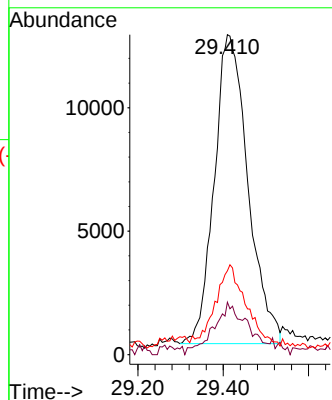
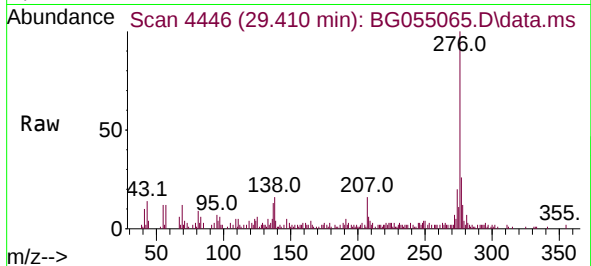




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.505 ng
 RT: 29.410 min Scan# 4446
 Delta R.T. -0.006 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

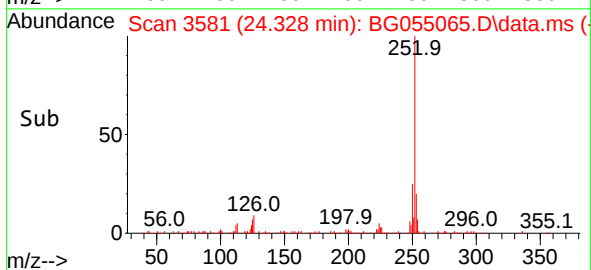
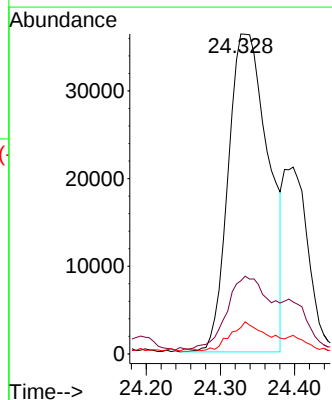
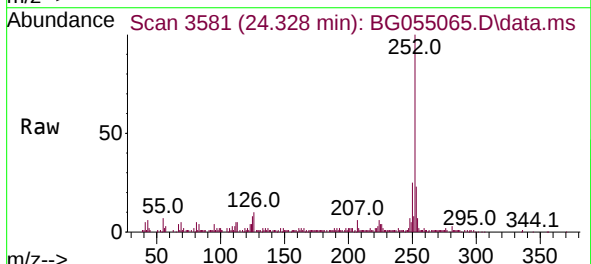
Instrument :
 BNA_G
 ClientSampleId :

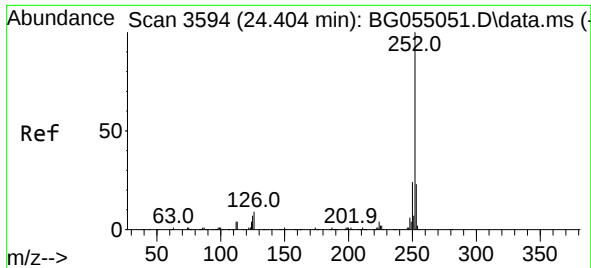
Tgt Ion:276 Resp: 68533
 Ion Ratio Lower Upper
 276 100
 138 17.0 10.0 15.0#
 277 24.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 10.996 ng
 RT: 24.328 min Scan# 3581
 Delta R.T. -0.000 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

Tgt Ion:252 Resp: 136577
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 8.3 6.1 9.1

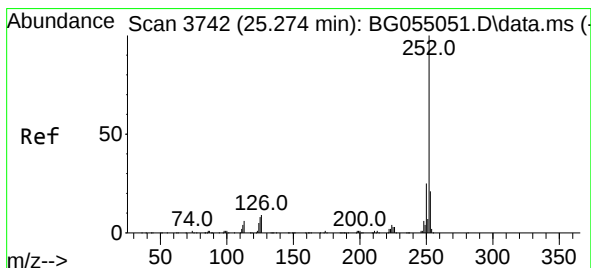
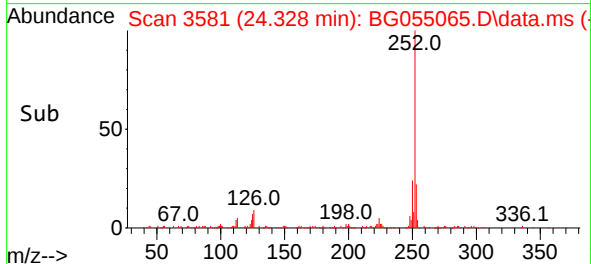
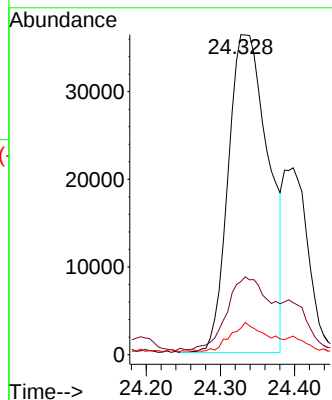
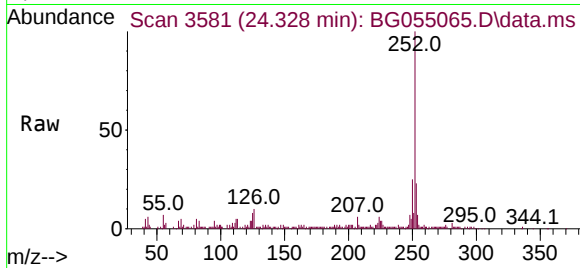




#89
Benzo(k)fluoranthene
Concen: 10.915 ng
RT: 24.328 min Scan# 3581
Delta R.T. -0.077 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

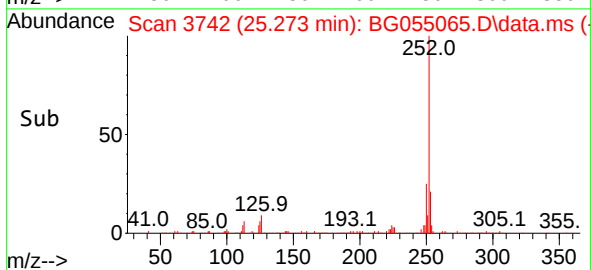
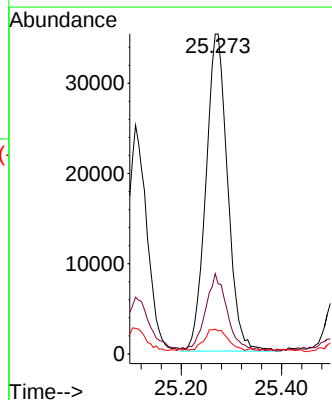
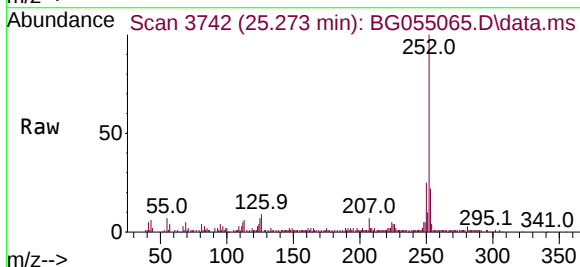
Instrument :
BNA_G
ClientSampleId :

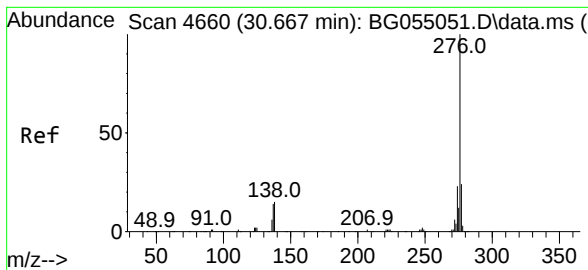
Tgt Ion:252 Resp: 136577
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 8.3 5.8 8.6



#90
Benzo(a)pyrene
Concen: 9.930 ng
RT: 25.273 min Scan# 3742
Delta R.T. -0.000 min
Lab File: BG055065.D
Acq: 4 Oct 2022 16:11

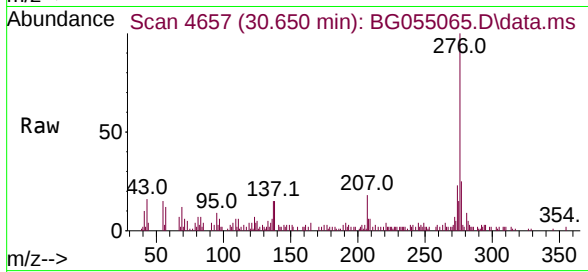
Tgt Ion:252 Resp: 105714
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 7.2 6.6 9.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.394 ng
 RT: 30.650 min Scan# 4657
 Delta R.T. -0.018 min
 Lab File: BG055065.D
 Acq: 4 Oct 2022 16:11

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	29705
Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	14.6	11.8	17.6

