

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052320.D
 Acq On : 8 Feb 2022 15:40
 Operator : CG/JU
 Sample : N1422-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BP-2

Quant Time: Feb 08 16:23:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

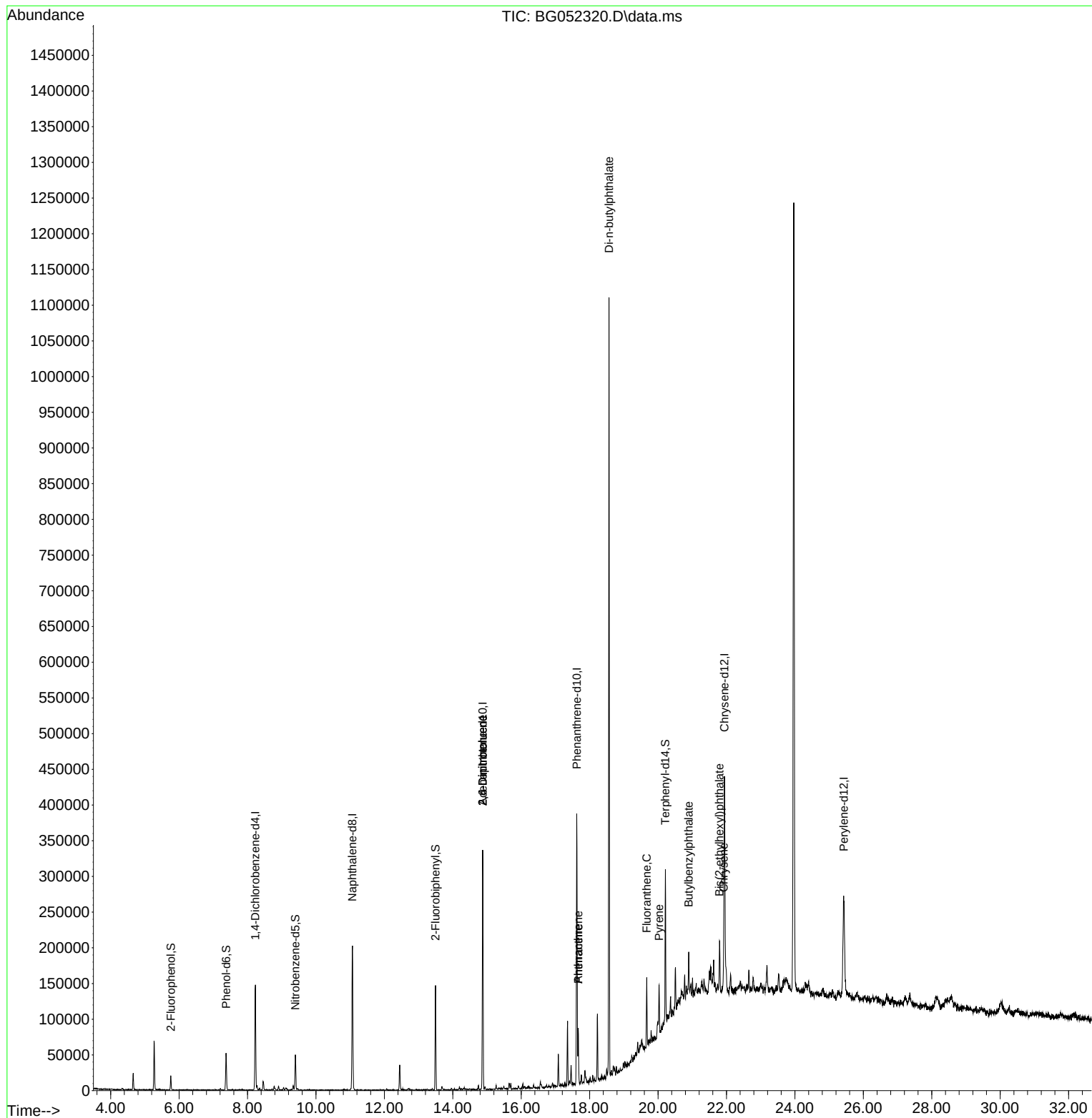
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	42398	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	178126	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	118647	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	239051	20.000	ng	0.00
76) Chrysene-d12	21.942	240	192630	20.000	ng	0.00
86) Perylene-d12	25.425	264	187984	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	8136	3.344	ng	0.00
7) Phenol-d6	7.373	99	29682	7.908	ng	0.00
23) Nitrobenzene-d5	9.400	82	31293	7.635	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	655	0.384	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	77935	9.127	ng	0.00
79) Terphenyl-d14	20.215	244	93270	8.550	ng	0.00
Target Compounds						
9) Benzaldehyde	7.356	77	180	Below Cal		Qvalue 82
51) 2,6-Dinitrotoluene	14.875	165	16030	8.173	ng	# 17
57) 2,4-Dinitrotoluene	14.875	165	16030	5.742	ng	# 16
71) Phenanthrene	17.665	178	47343	3.842	ng	97
72) Anthracene	17.665	178	47343	3.920	ng	96
74) Di-n-butylphthalate	18.564	149	742463	57.858	ng	98
75) Fluoranthene	19.668	202	59208	3.773	ng	99
78) Pyrene	20.033	202	45193	3.506	ng	97
80) Butylbenzylphthalate	20.896	149	16220	3.623	ng	96
83) Chrysene	21.918	228	25388	2.102	ng	94
84) Bis(2-ethylhexyl)phtha...	21.795	149	32574	5.247	ng	98

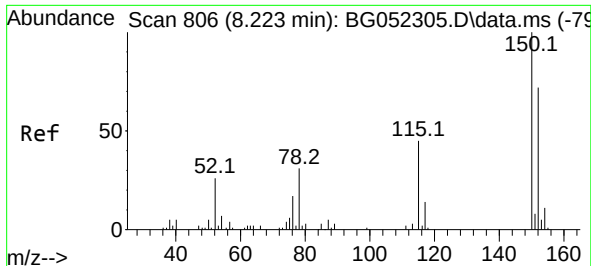
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052320.D
Acq On : 8 Feb 2022 15:40
Operator : CG/JU
Sample : N1422-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BP-2

Quant Time: Feb 08 16:23:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

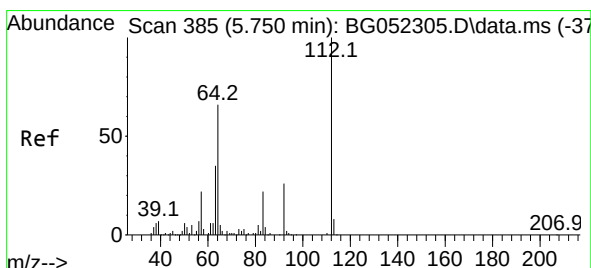
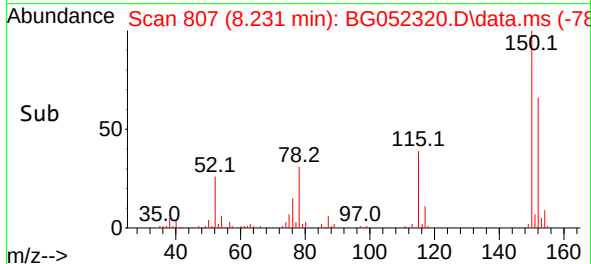
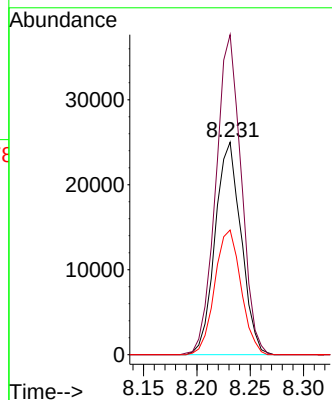
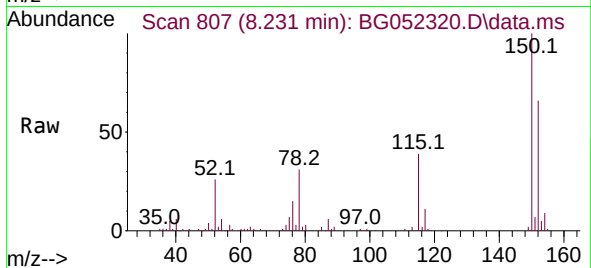




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.231 min Scan# 806
Delta R.T. 0.008 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

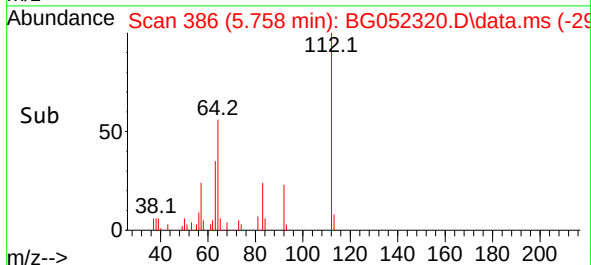
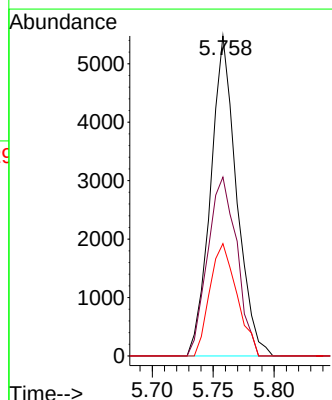
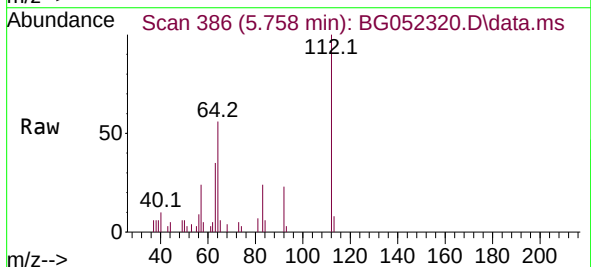
Instrument :
BNA_G
ClientSampleId :
BP-2

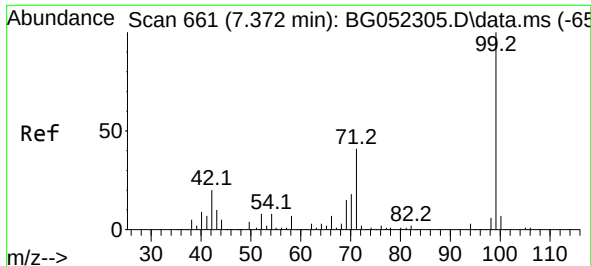
Tgt Ion:152 Resp: 42398
Ion Ratio Lower Upper
152 100
150 150.6 117.8 176.8
115 58.7 50.2 75.2



#5
2-Fluorophenol
Concen: 3.344 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:112 Resp: 8136
Ion Ratio Lower Upper
112 100
64 55.9 60.4 90.6#
63 35.1 33.3 49.9

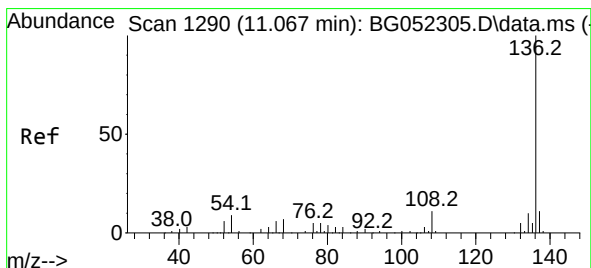
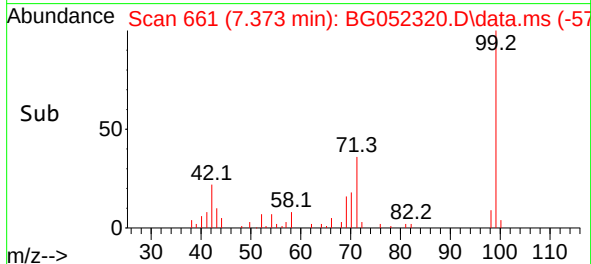
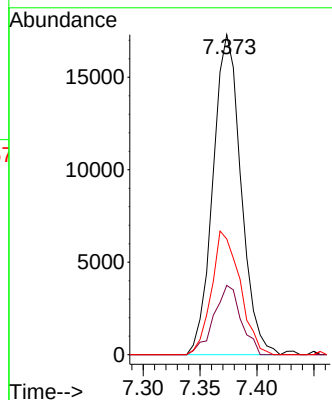
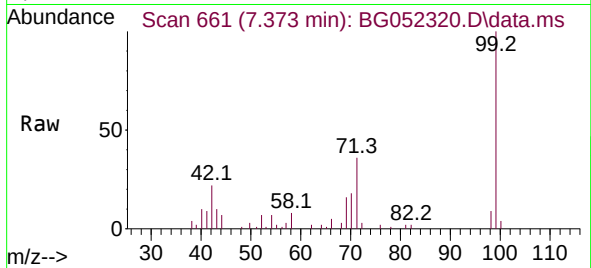




#7
Phenol-d6
Concen: 7.908 ng
RT: 7.373 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

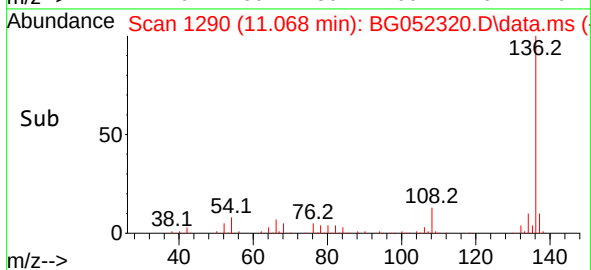
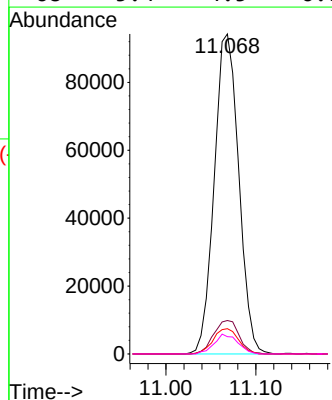
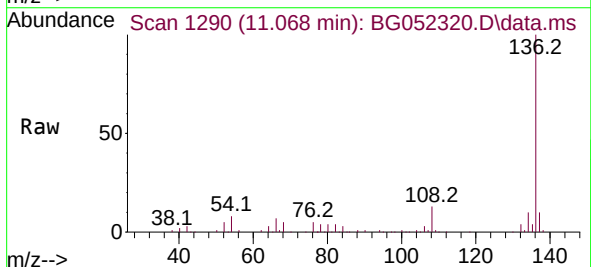
Instrument :
BNA_G
ClientSampleId :
BP-2

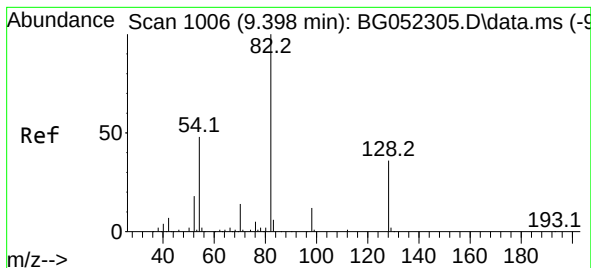
Tgt Ion: 99 Resp: 29682
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 36.1 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion: 136 Resp: 178126
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 7.9 8.3 12.5#
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 7.635 ng

RT: 9.400 min Scan# 1006

Delta R.T. 0.002 min

Lab File: BG052320.D

Acq: 8 Feb 2022 15:40

Instrument :

BNA_G

ClientSampleId :

BP-2

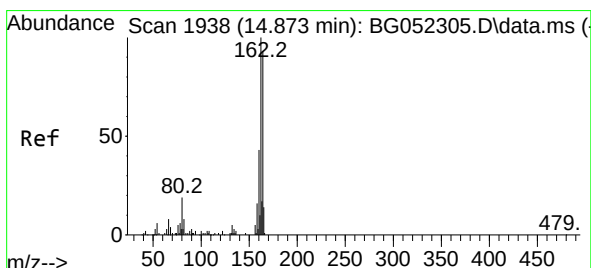
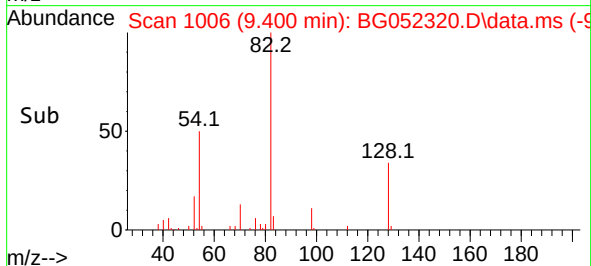
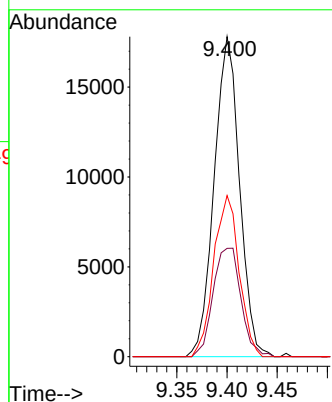
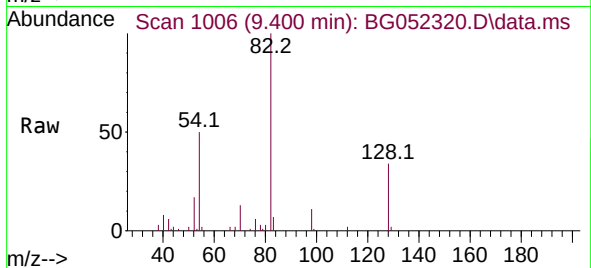
Tgt Ion: 82 Resp: 31293

Ion Ratio Lower Upper

82 100

128 33.9 27.0 40.4

54 50.3 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1938

Delta R.T. 0.002 min

Lab File: BG052320.D

Acq: 8 Feb 2022 15:40

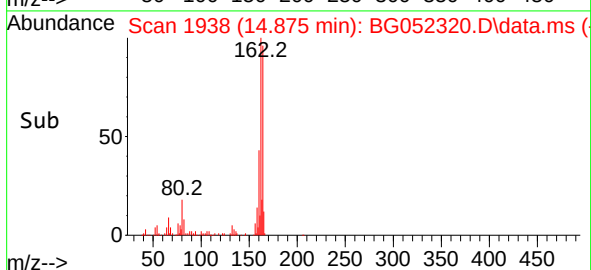
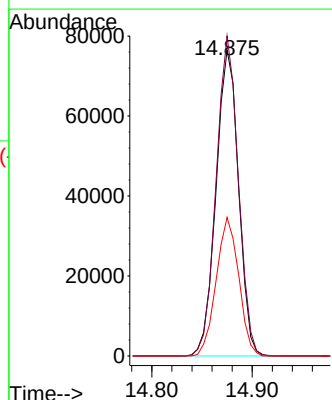
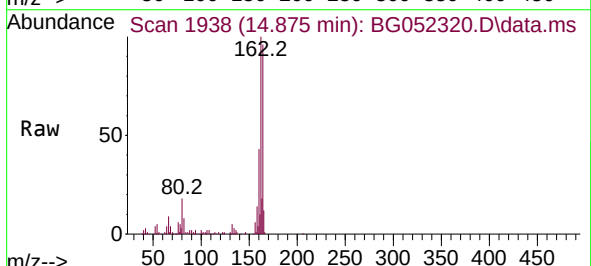
Tgt Ion: 164 Resp: 118647

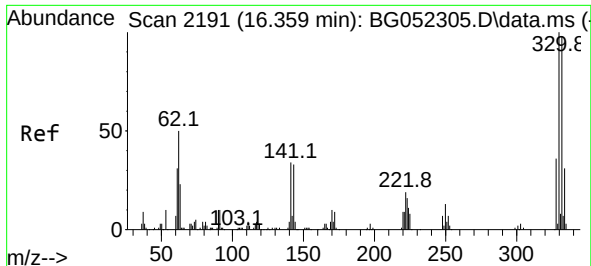
Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

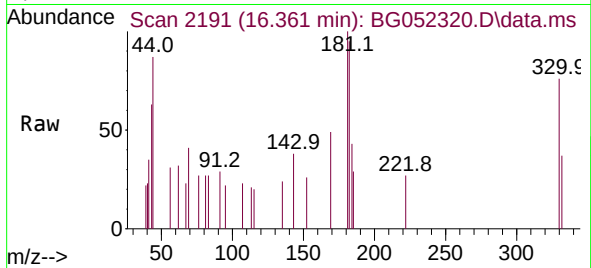
160 45.3 36.2 54.2



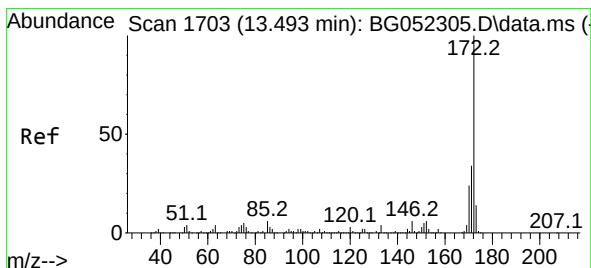
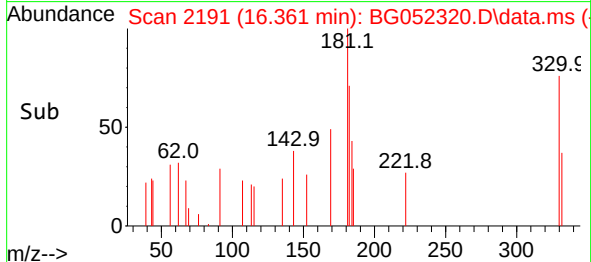
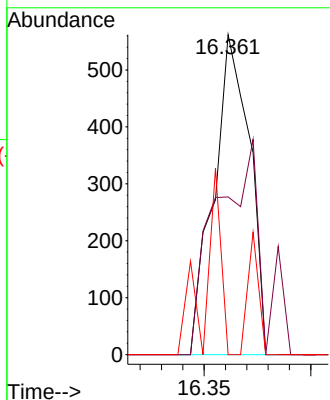


#42
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Instrument :
BNA_G
ClientSampleId :
BP-2

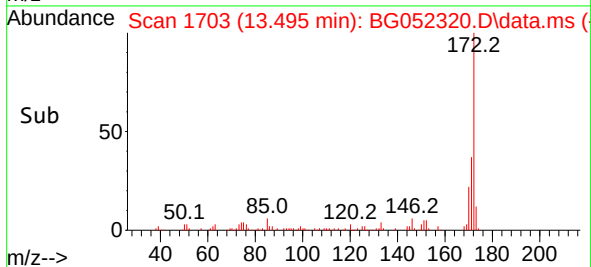
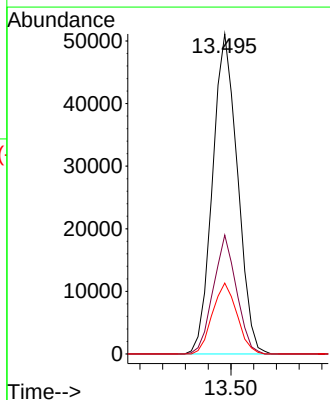
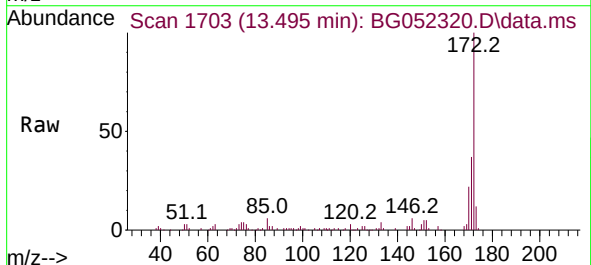


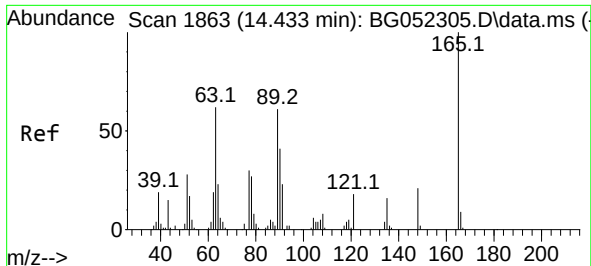
Tgt Ion:330 Resp: 655
Ion Ratio Lower Upper
330 100
332 0.0 78.6 117.8#
141 26.4 28.8 43.2#



#45
2-Fluorobiphenyl
Concen: 9.127 ng
RT: 13.495 min Scan# 1703
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:172 Resp: 77935
Ion Ratio Lower Upper
172 100
171 37.1 28.3 42.5
170 22.1 18.3 27.5





#51

2,6-Dinitrotoluene

Concen: 8.173 ng

RT: 14.875 min Scan# 1938

Delta R.T. 0.442 min

Lab File: BG052320.D

Acq: 8 Feb 2022 15:40

Instrument :

BNA_G

ClientSampleId :

BP-2

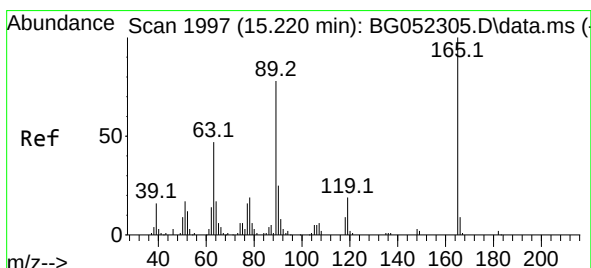
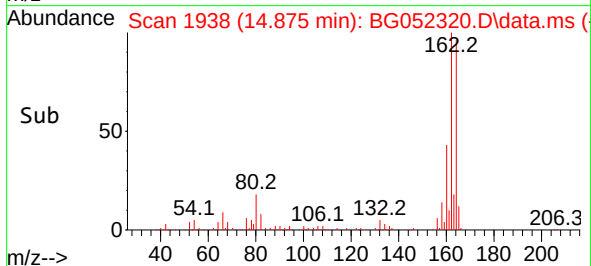
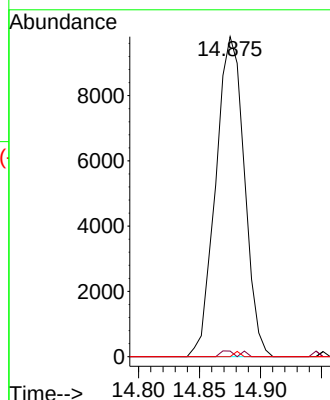
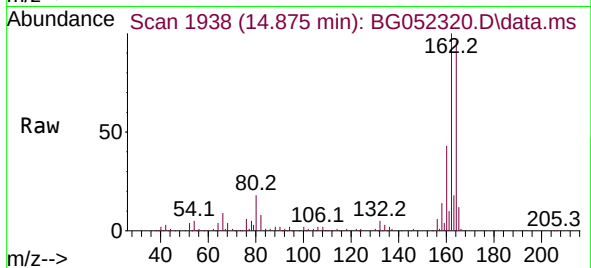
Tgt Ion:165 Resp: 16030

Ion Ratio Lower Upper

165 100

63 1.8 59.0 88.4#

89 0.0 49.4 74.0#



#57

2,4-Dinitrotoluene

Concen: 5.742 ng

RT: 14.875 min Scan# 1938

Delta R.T. -0.345 min

Lab File: BG052320.D

Acq: 8 Feb 2022 15:40

Tgt Ion:165 Resp: 16030

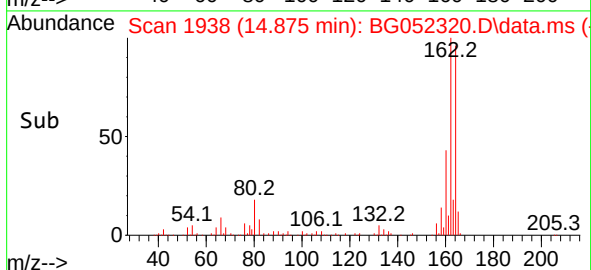
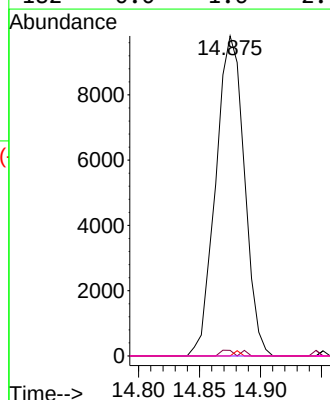
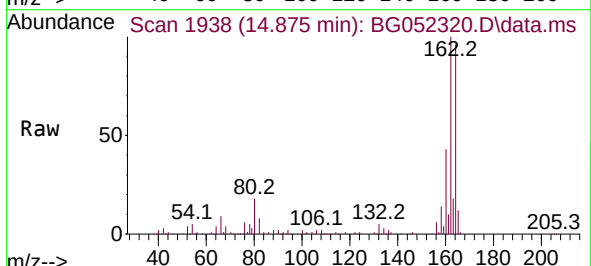
Ion Ratio Lower Upper

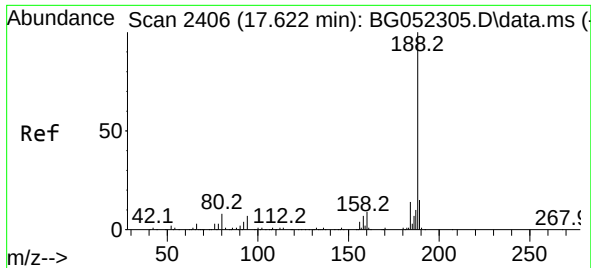
165 100

63 1.8 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#

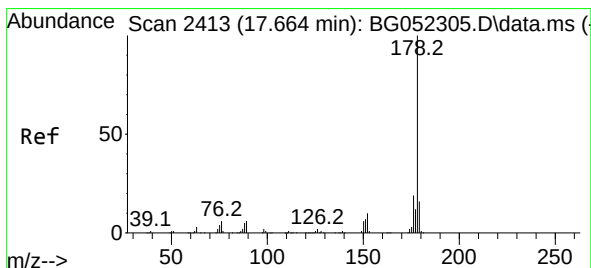
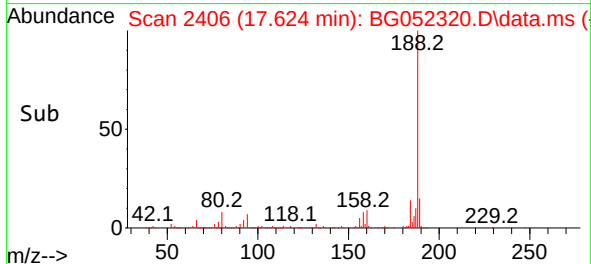
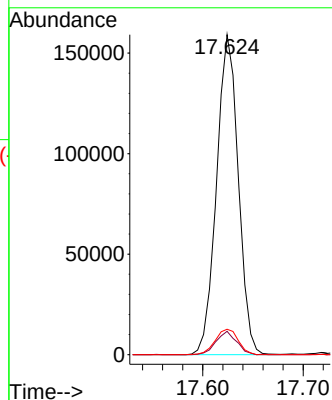
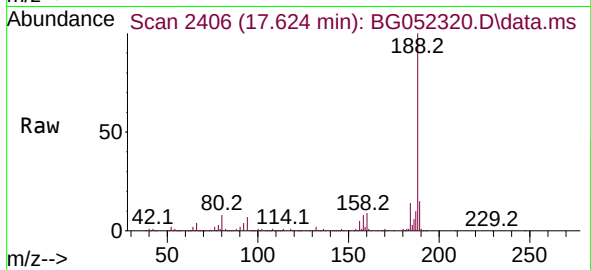




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

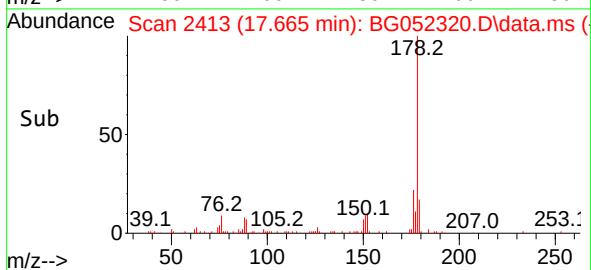
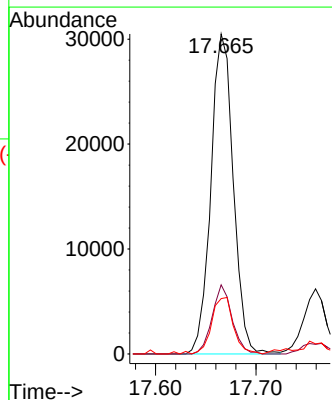
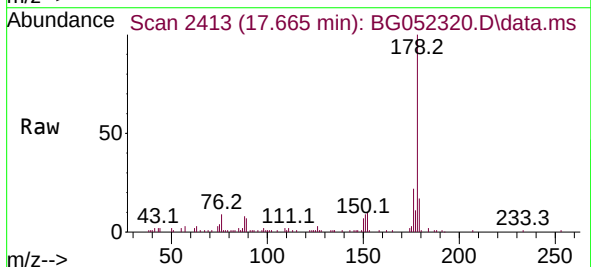
Instrument :
BNA_G
ClientSampleId :
BP-2

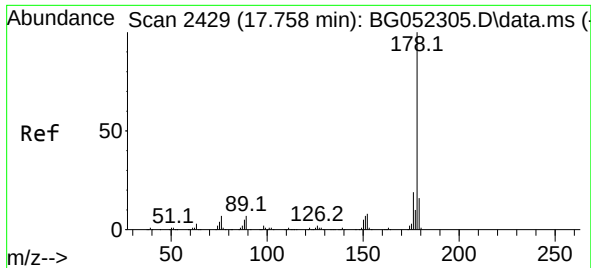
Tgt Ion:188 Resp: 239051
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 7.9 6.6 10.0



#71
Phenanthrene
Concen: 3.842 ng
RT: 17.665 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:178 Resp: 47343
Ion Ratio Lower Upper
178 100
176 21.6 16.6 25.0
179 17.3 12.6 18.8

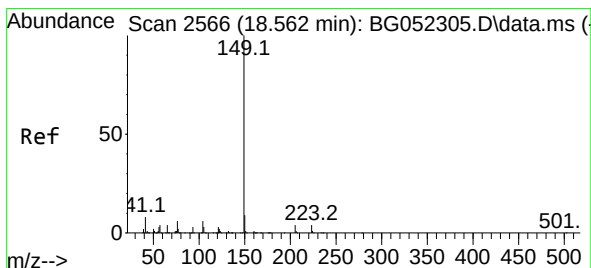
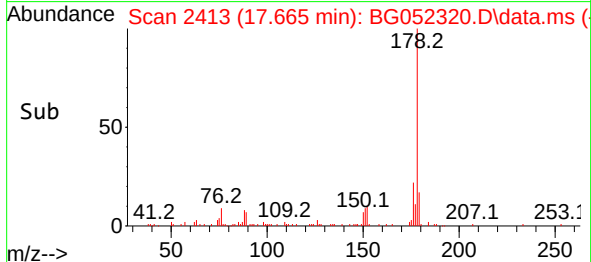
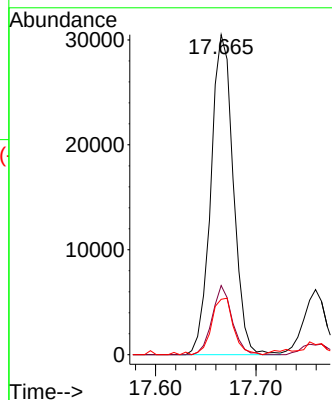
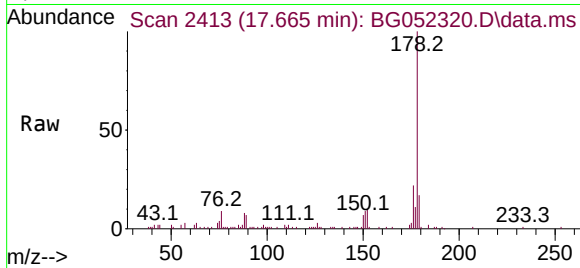




#72
 Anthracene
 Concen: 3.920 ng
 RT: 17.665 min Scan# 2429
 Delta R.T. -0.092 min
 Lab File: BG052320.D
 Acq: 8 Feb 2022 15:40

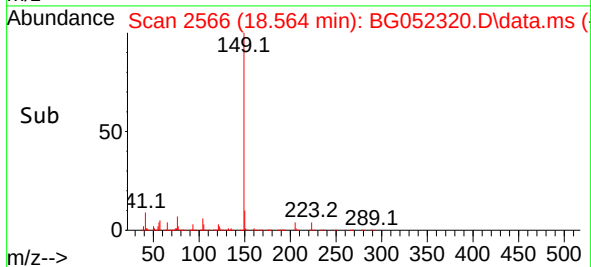
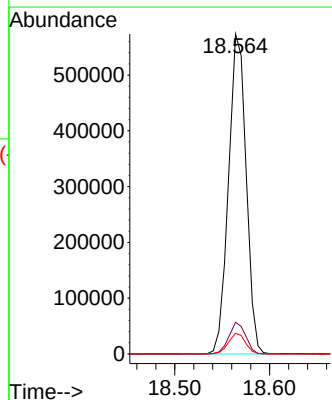
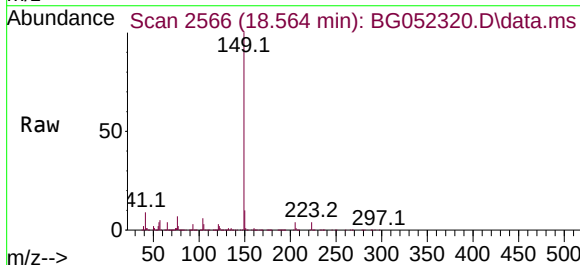
Instrument :
 BNA_G
 ClientSampleId :
 BP-2

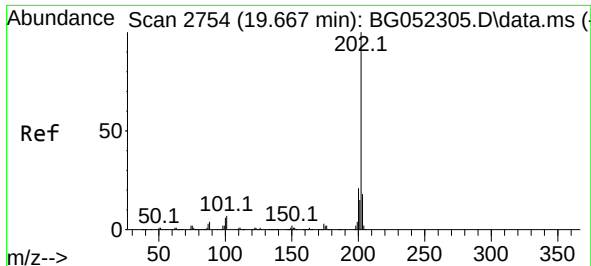
Tgt Ion:178 Resp: 47343
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.3 22.9
 179 17.3 13.1 19.7



#74
 Di-n-butylphthalate
 Concen: 57.858 ng
 RT: 18.564 min Scan# 2566
 Delta R.T. 0.002 min
 Lab File: BG052320.D
 Acq: 8 Feb 2022 15:40

Tgt Ion:149 Resp: 742463
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 6.5 5.4 8.2

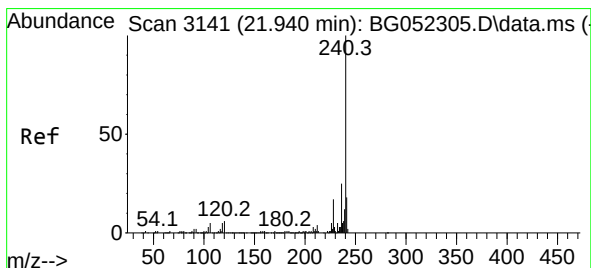
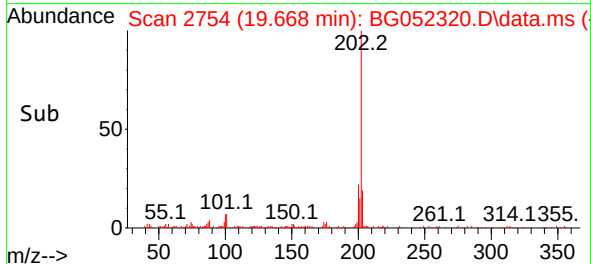
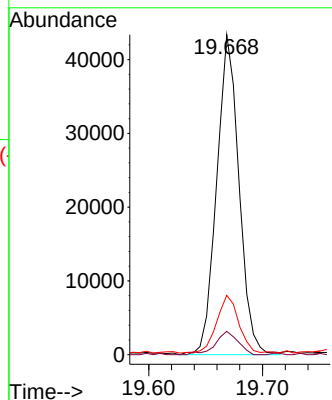
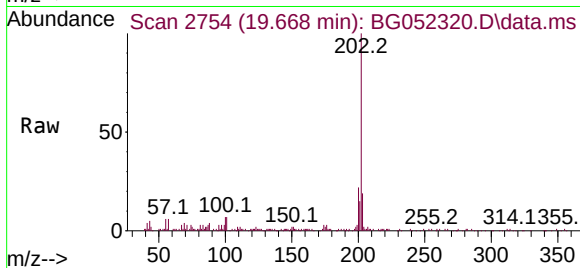




#75
Fluoranthene
Concen: 3.773 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

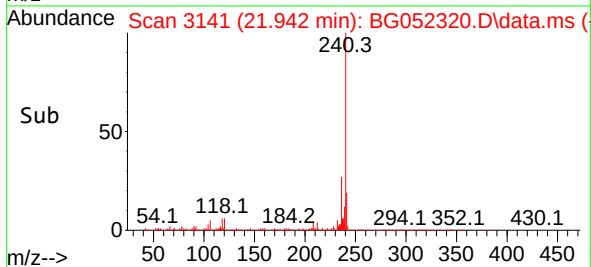
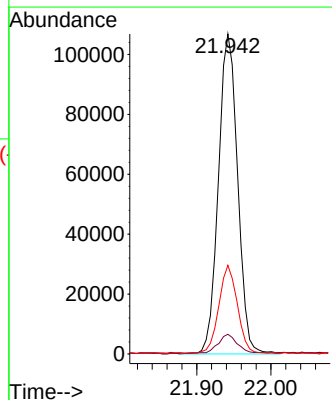
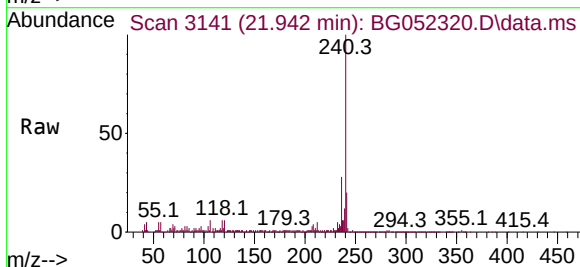
Instrument :
BNA_G
ClientSampleId :
BP-2

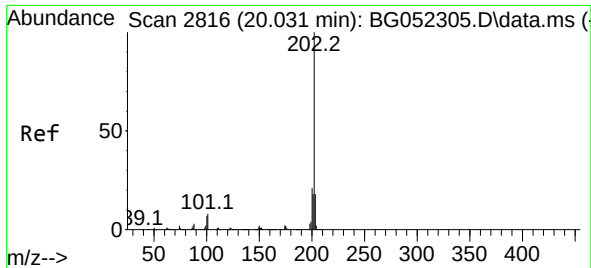
Tgt Ion:202 Resp: 59208
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.1
203 18.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:240 Resp: 192630
Ion Ratio Lower Upper
240 100
120 6.2 4.4 6.6
236 27.7 20.8 31.2

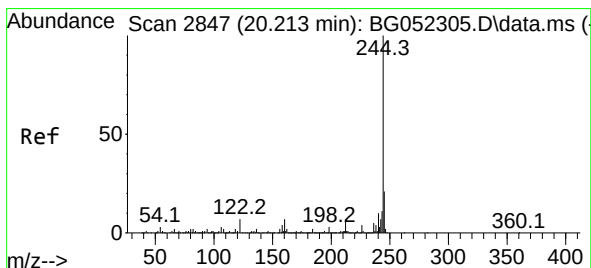
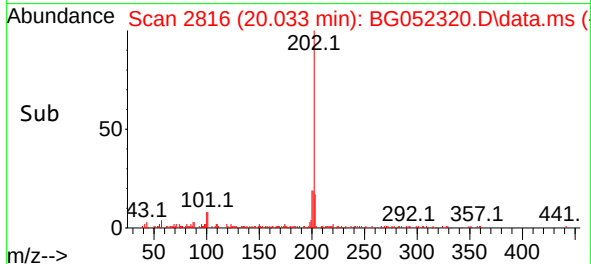
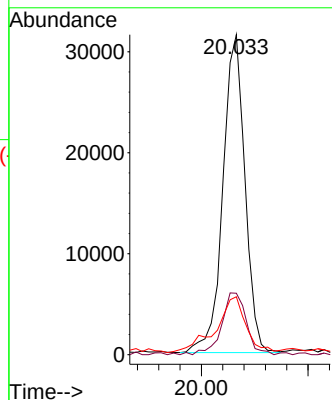
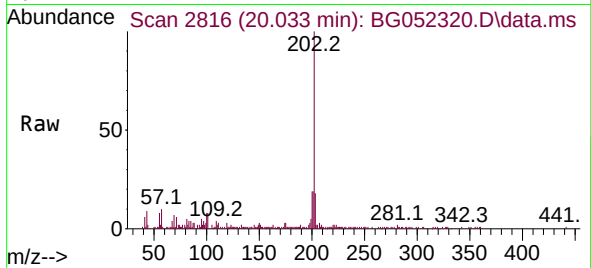




#78
Pyrene
Concen: 3.506 ng
RT: 20.033 min Scan# 2816
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

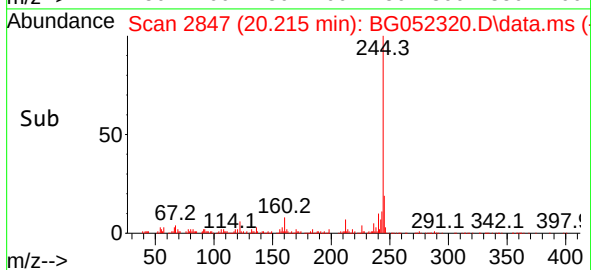
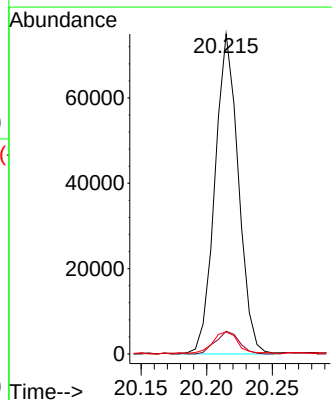
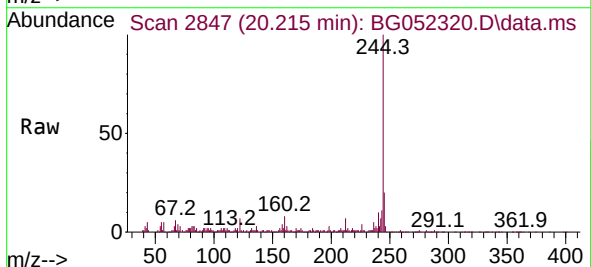
Instrument :
BNA_G
ClientSampleId :
BP-2

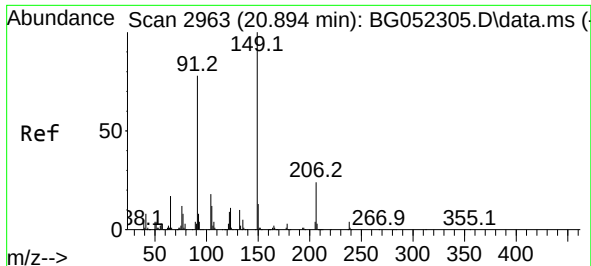
Tgt Ion:202 Resp: 45193
Ion Ratio Lower Upper
202 100
200 19.2 17.4 26.2
203 18.1 14.5 21.7



#79
Terphenyl-d14
Concen: 8.550 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:244 Resp: 93270
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 6.9 6.2 9.4

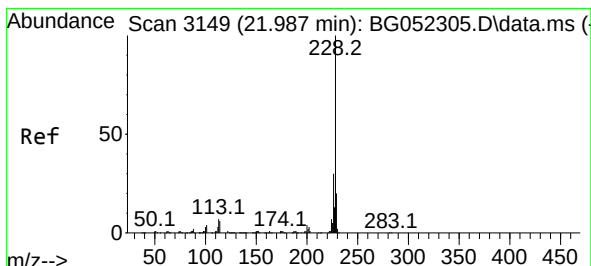
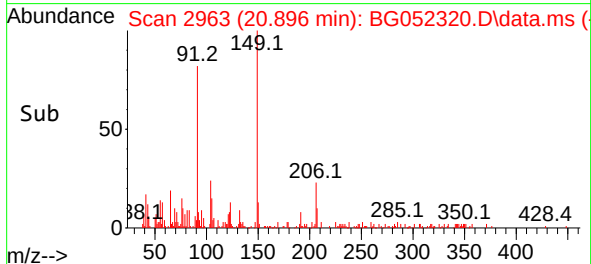
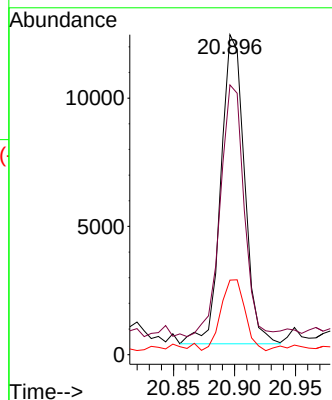
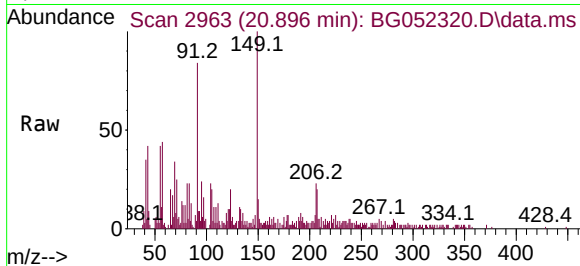




#80
Butylbenzylphthalate
Concen: 3.623 ng
RT: 20.896 min Scan# 2963
Delta R.T. 0.002 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

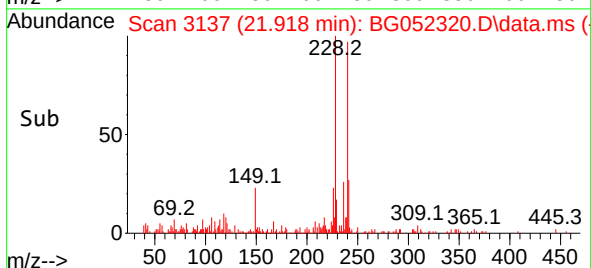
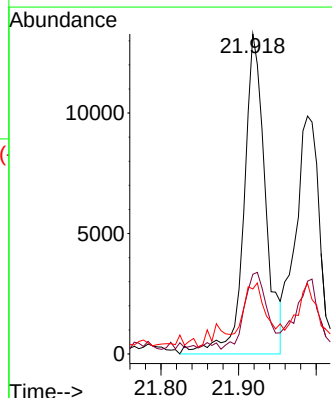
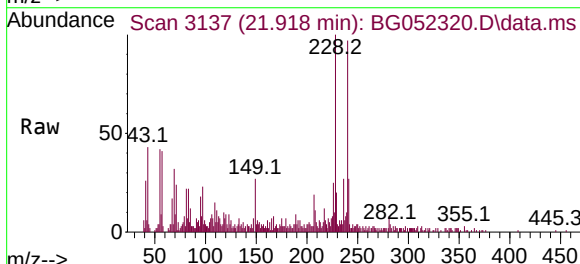
Instrument :
BNA_G
ClientSampleId :
BP-2

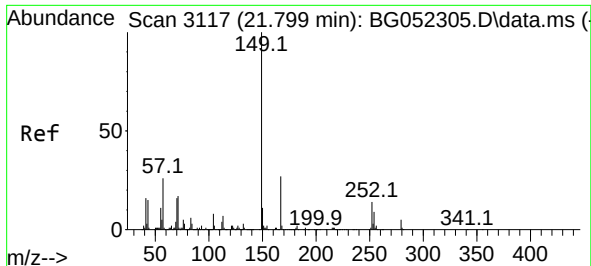
Tgt Ion:149 Resp: 16220
Ion Ratio Lower Upper
149 100
91 84.3 64.0 96.0
206 23.3 19.3 28.9



#83
Chrysene
Concen: 2.102 ng
RT: 21.918 min Scan# 3137
Delta R.T. -0.069 min
Lab File: BG052320.D
Acq: 8 Feb 2022 15:40

Tgt Ion:228 Resp: 25388
Ion Ratio Lower Upper
228 100
226 24.9 24.1 36.1
229 20.3 16.4 24.6

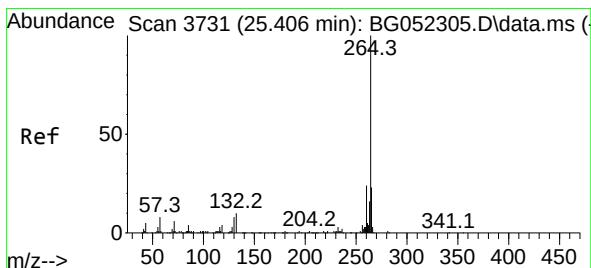
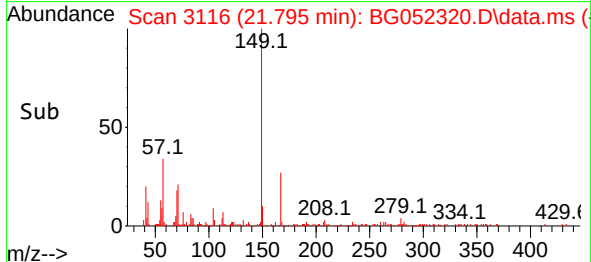
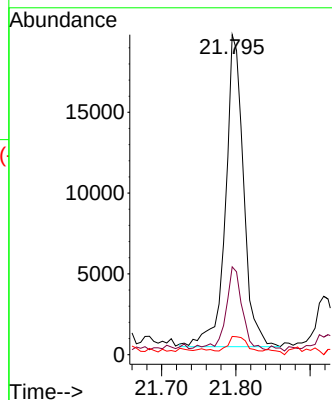
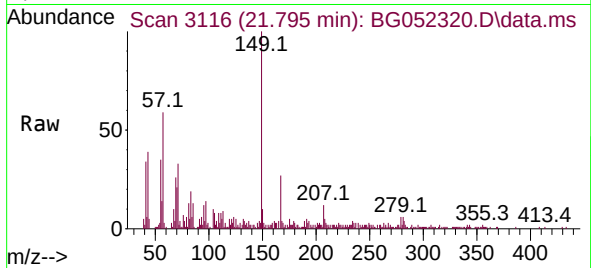




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.247 ng
 RT: 21.795 min Scan# 3116
 Delta R.T. -0.004 min
 Lab File: BG052320.D
 Acq: 8 Feb 2022 15:40

Instrument :
 BNA_G
 ClientSampleId :
 BP-2

Tgt Ion:149 Resp: 32574
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.425 min Scan# 3734
 Delta R.T. 0.019 min
 Lab File: BG052320.D
 Acq: 8 Feb 2022 15:40

Tgt Ion:264 Resp: 187984
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.2 17.8 26.6

