

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053042.D
 Acq On : 5 Apr 2022 21:47
 Operator : CG/JU
 Sample : N2257-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 06 04:15:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

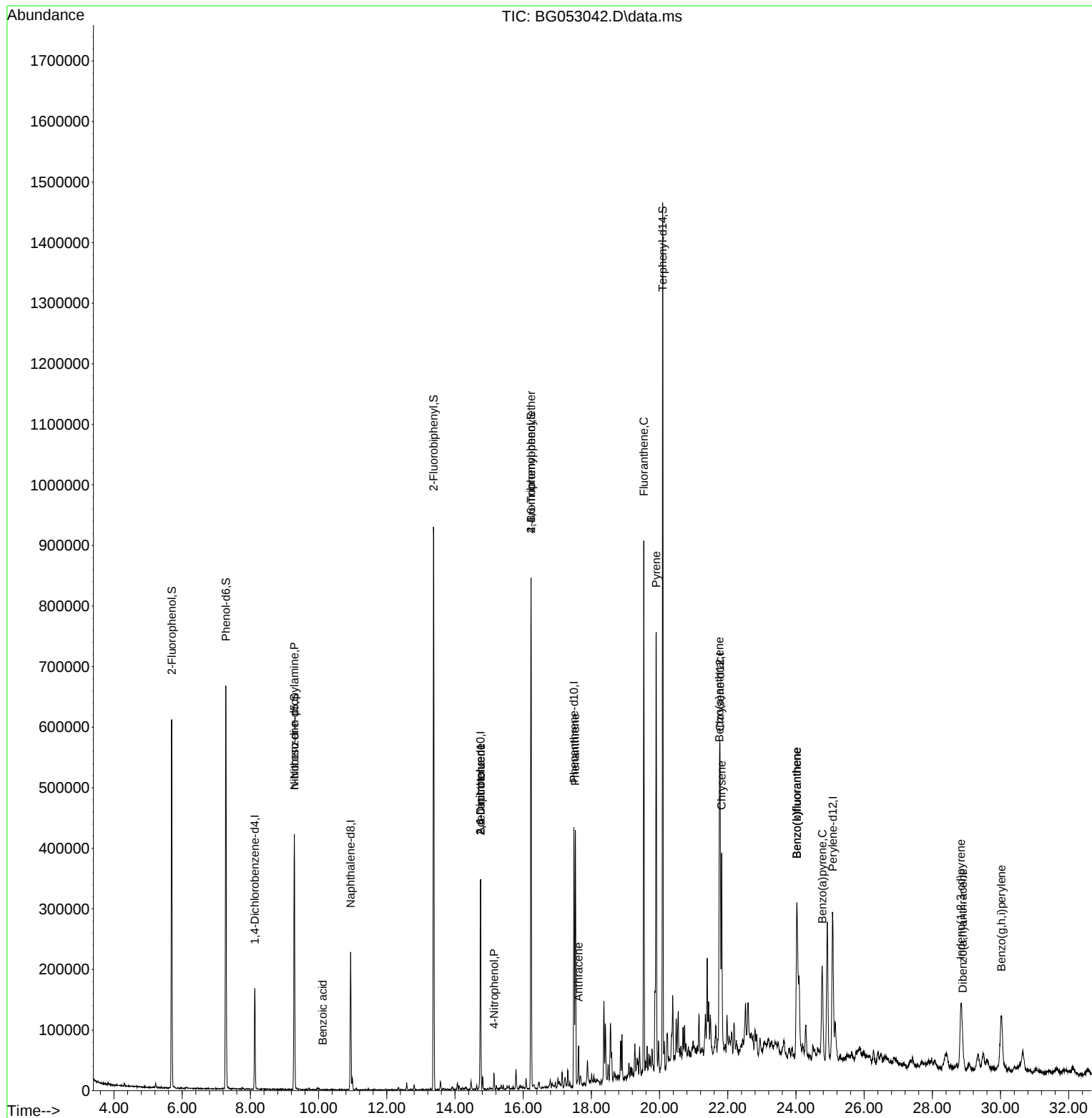
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	45536	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	179760	20.000	ng	-0.02
39) Acenaphthene-d10	14.750	164	124961	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	270371	20.000	ng	-0.02
76) Chrysene-d12	21.775	240	258450	20.000	ng	-0.02
86) Perylene-d12	25.077	264	271284	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	248006	94.849	ng	0.00
7) Phenol-d6	7.277	99	368590	93.504	ng	-0.01
23) Nitrobenzene-d5	9.286	82	263078	73.453	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	159799	95.167	ng	-0.02
45) 2-Fluorobiphenyl	13.375	172	504140	59.501	ng	-0.02
79) Terphenyl-d14	20.089	244	726328	49.991	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.272	77	1178	Below Cal		Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	37291	13.357 ng	#	27
32) Benzoic acid	10.121	122	60	5.701 ng	#	1
51) 2,6-Dinitrotoluene	14.750	165	16812	10.722 ng	#	27
56) 4-Nitrophenol	15.143	139	5474	3.657 ng	#	1
57) 2,4-Dinitrotoluene	14.750	165	16812	7.727 ng	#	26
67) 4-Bromophenyl-phenylether	16.230	248	10735	3.293 ng	#	1
71) Phenanthrene	17.528	178	277377	19.177 ng		96
72) Anthracene	17.622	178	44357	3.102 ng		96
75) Fluoranthene	19.537	202	542110	29.526 ng		99
78) Pyrene	19.902	202	498690	27.817 ng		99
81) Benzo(a)anthracene	21.752	228	247467	14.299 ng		97
83) Chrysene	21.817	228	248257	15.259 ng		97
87) Indeno(1,2,3-cd)pyrene	28.836	276	208440	11.225 ng	#	78
88) Benzo(b)fluoranthene	24.025	252	351299	20.856 ng		97
89) Benzo(k)fluoranthene	24.025	252	351299	21.198 ng		98
90) Benzo(a)pyrene	24.771	252	182068	12.769 ng		95
91) Dibenzo(a,h)anthracene	28.889	278	50353	3.291 ng		99
92) Benzo(g,h,i)perylene	30.023	276	202479	13.375 ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053042.D
Acq On : 5 Apr 2022 21:47
Operator : CG/JU
Sample : N2257-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Apr 06 04:15:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 14:24:42 2022
Response via : Initial Calibration

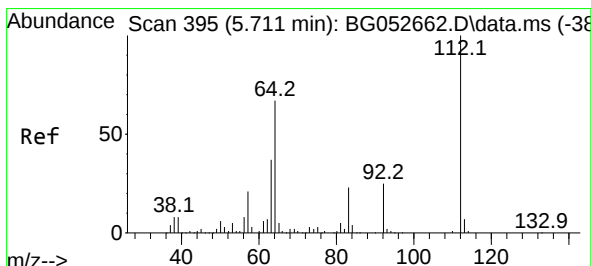
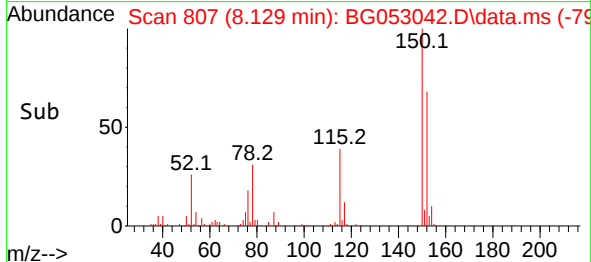
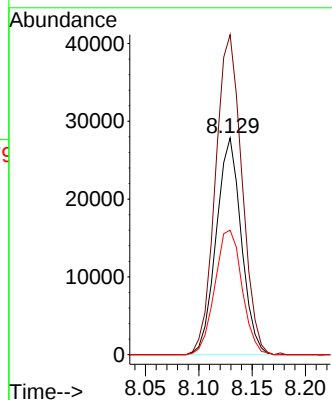
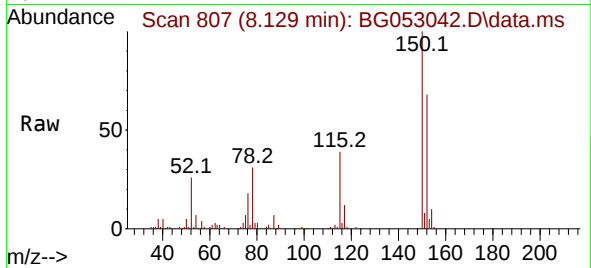




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

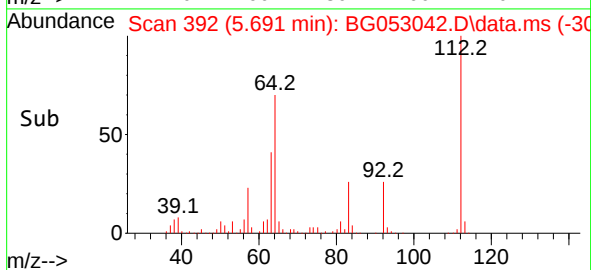
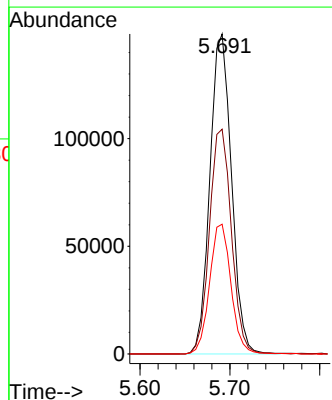
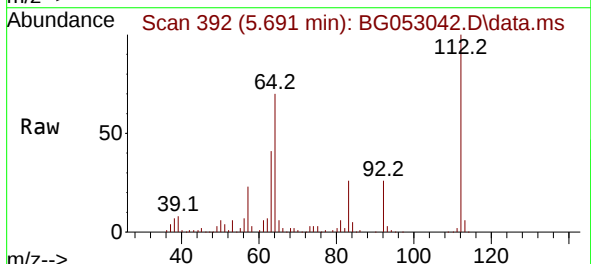
Instrument :
BNA_G
ClientSampleId :
TP-2

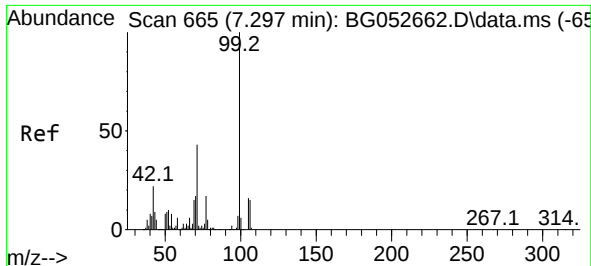
Tgt Ion:152 Resp: 45536
Ion Ratio Lower Upper
152 100
150 147.6 114.6 172.0
115 57.4 45.9 68.9



#5
2-Fluorophenol
Concen: 94.849 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:112 Resp: 248006
Ion Ratio Lower Upper
112 100
64 70.3 48.0 72.0
63 40.5 26.5 39.7#

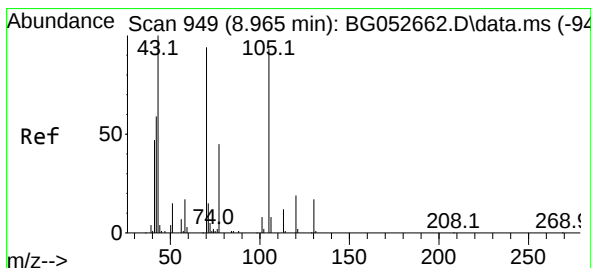
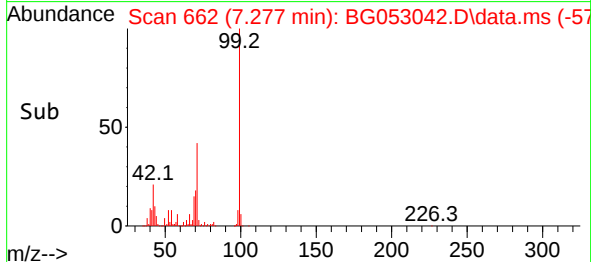
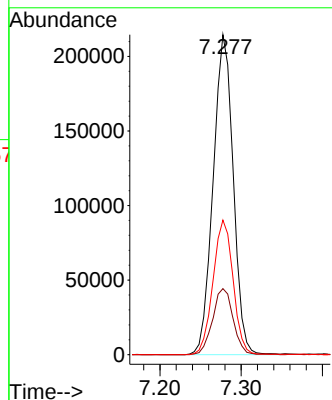
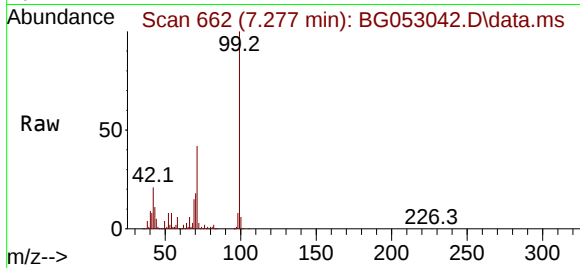




#7
Phenol-d6
Concen: 93.504 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

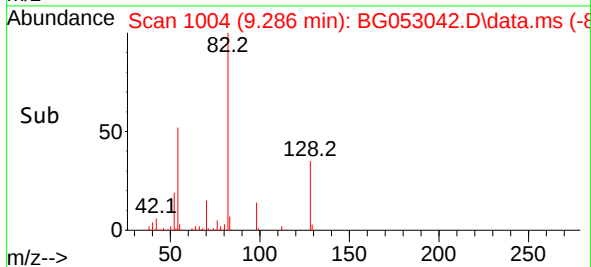
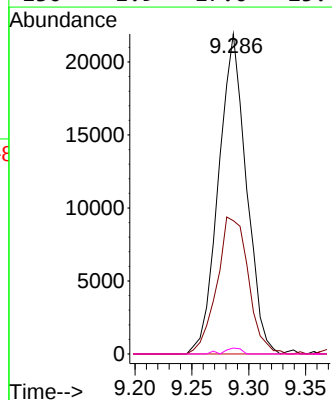
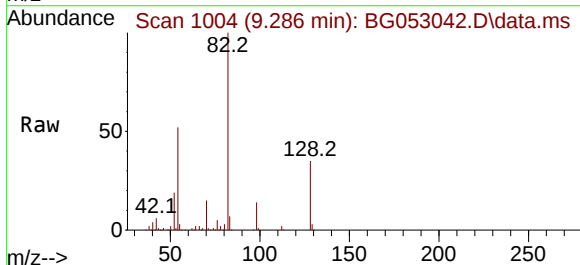
Instrument :
BNA_G
ClientSampleId :
TP-2

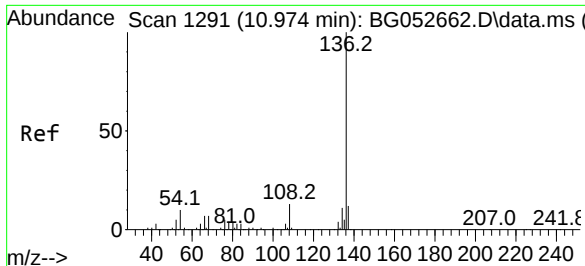
Tgt Ion: 99 Resp: 368590
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.357 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion: 70 Resp: 37291
Ion Ratio Lower Upper
70 100
42 41.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.9 17.0 25.4#



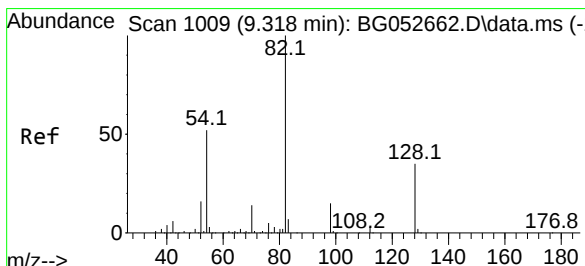
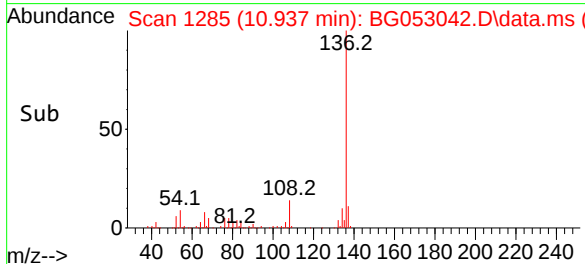
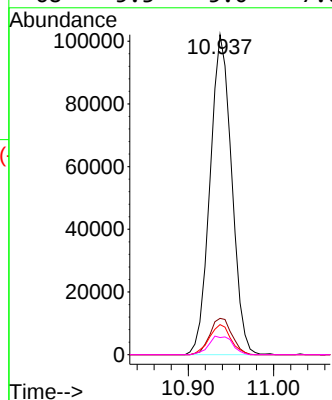
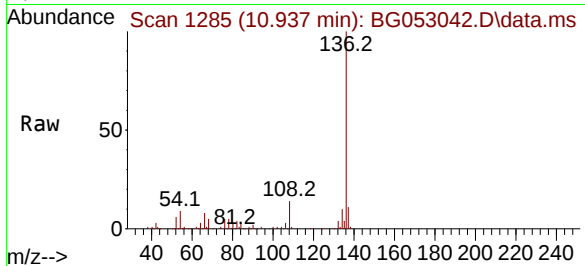


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 179760

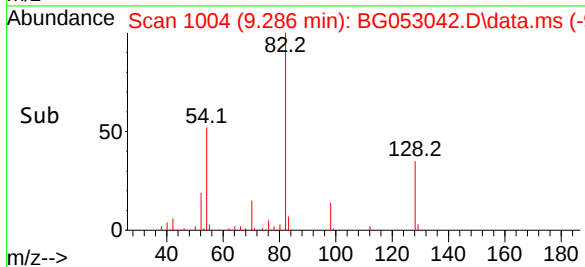
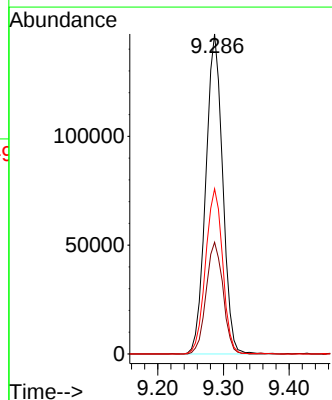
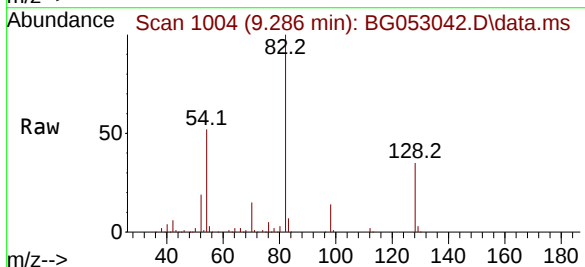
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	9.4	6.4	9.6
68	5.3	5.0	7.6

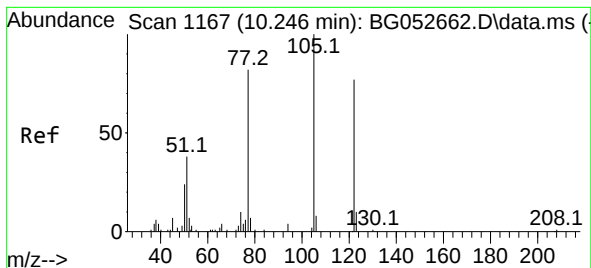


#23
Nitrobenzene-d5
Concen: 73.453 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion: 82 Resp: 263078

Ion	Ratio	Lower	Upper
82	100		
128	34.9	31.3	46.9
54	51.6	37.8	56.8

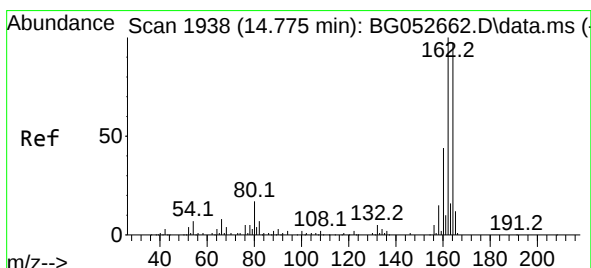
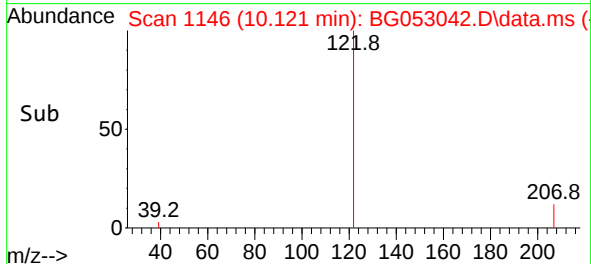
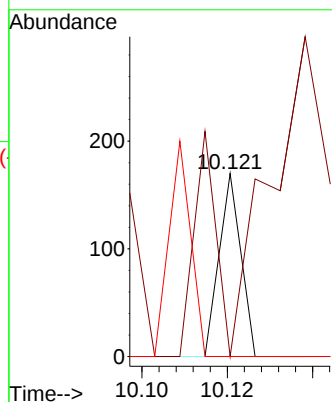
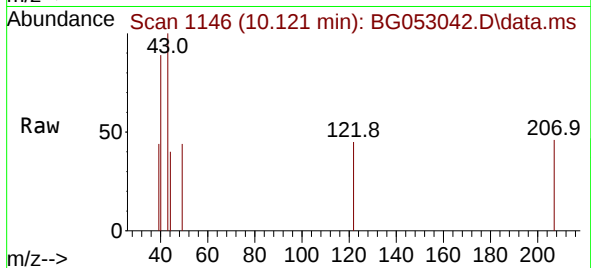




#32
Benzoic acid
Concen: 5.701 ng
RT: 10.121 min Scan# 1167
Delta R.T. -0.117 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

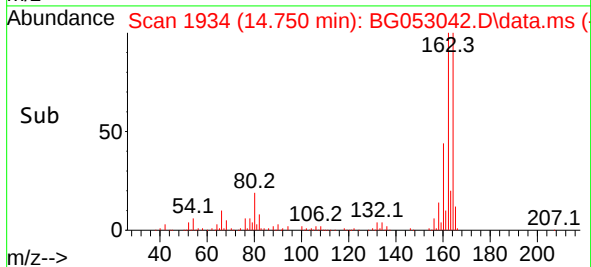
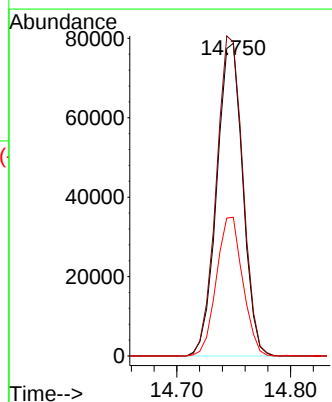
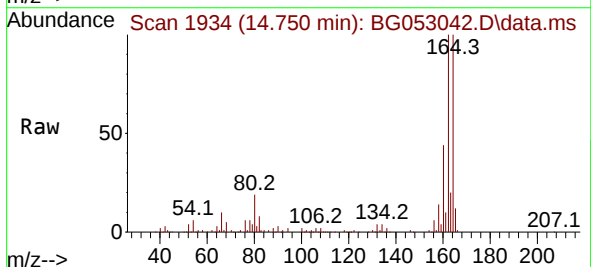
Instrument :
BNA_G
ClientSampleId :
TP-2

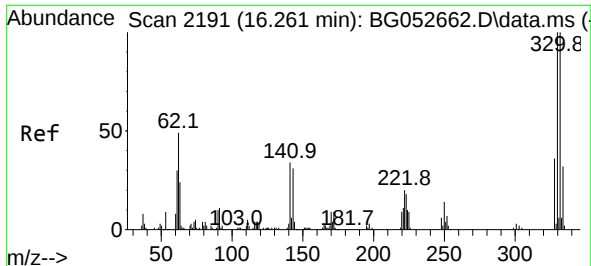
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.017 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:164 Resp: 124961
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 44.4 38.8 58.2



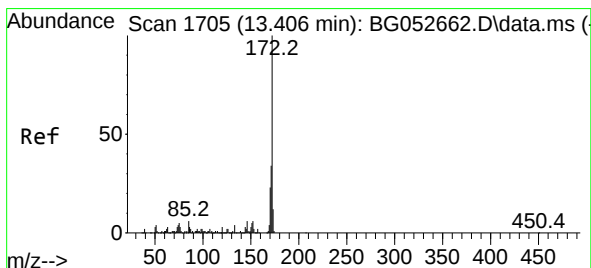
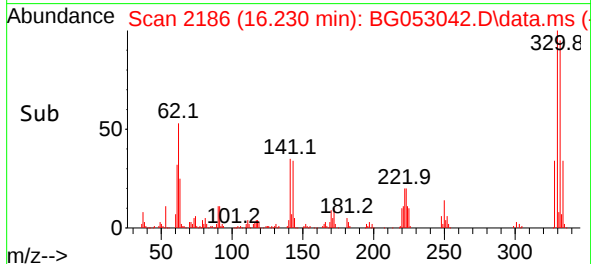
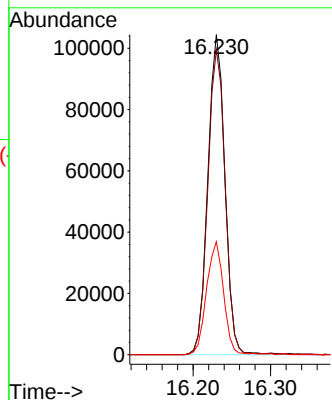
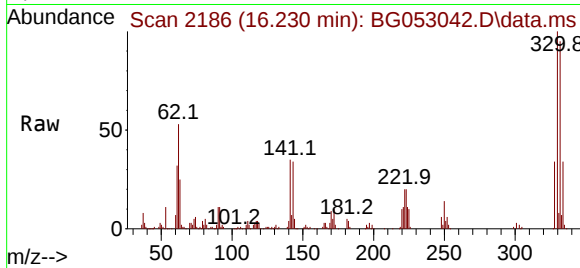


#42
 2,4,6-Tribromophenol
 Concen: 95.167 ng
 RT: 16.230 min Scan# 2191
 Delta R.T. -0.017 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:330 Resp: 159799

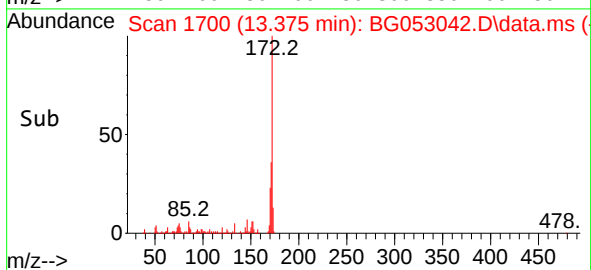
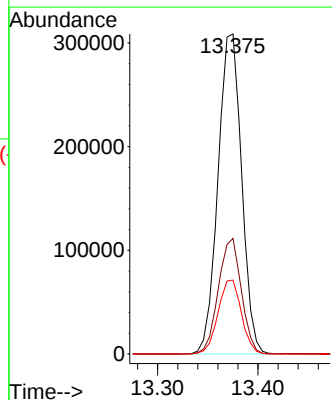
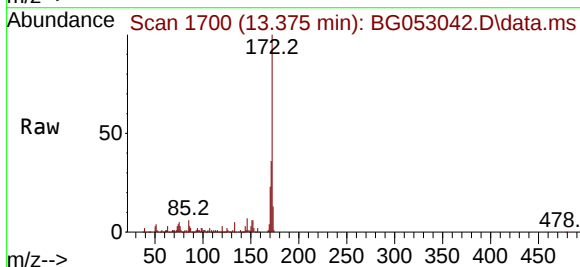
Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	35.4	24.6	36.8

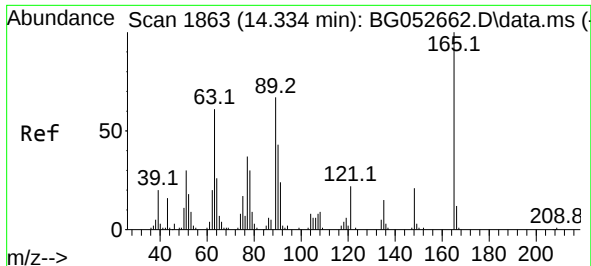


#45
 2-Fluorobiphenyl
 Concen: 59.501 ng
 RT: 13.375 min Scan# 1700
 Delta R.T. -0.017 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Tgt Ion:172 Resp: 504140

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.1	18.0	27.0

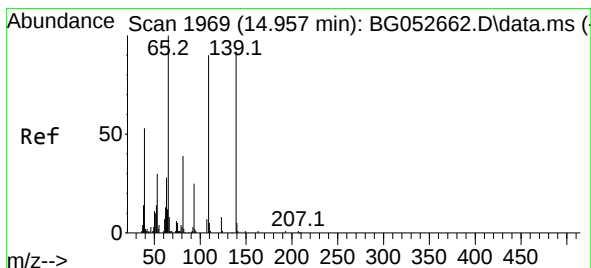
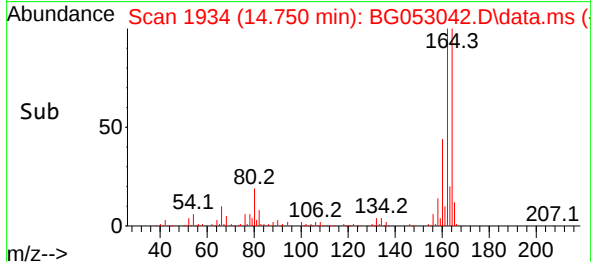
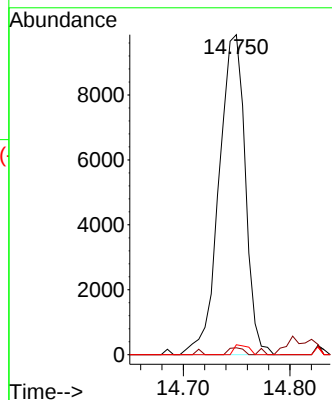
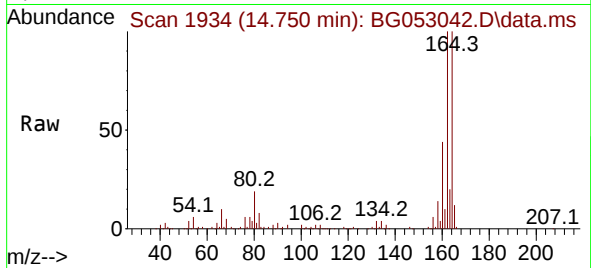




#51
2,6-Dinitrotoluene
Concen: 10.722 ng
RT: 14.750 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

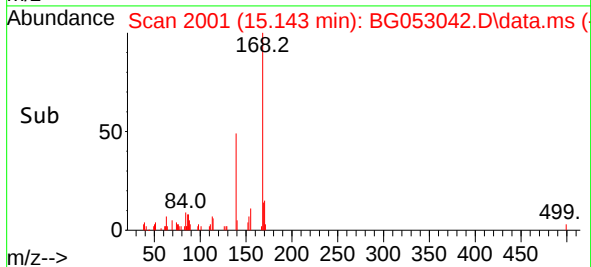
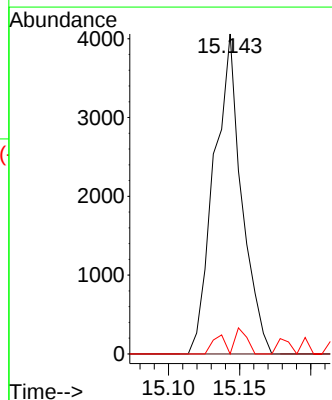
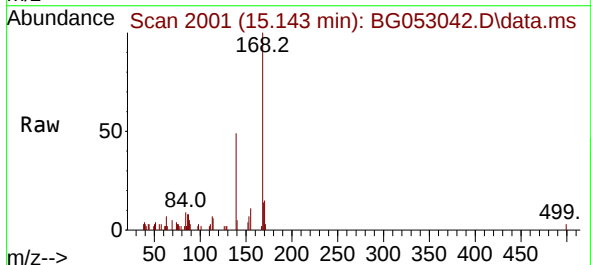
Instrument :
BNA_G
ClientSampleId :
TP-2

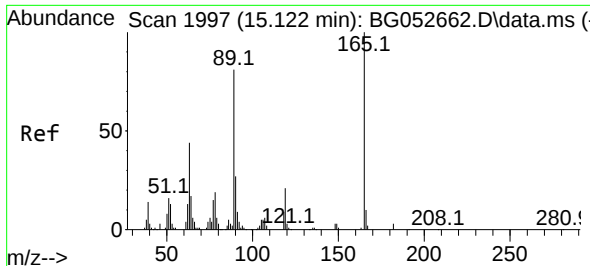
Tgt Ion:165 Resp: 16812
Ion Ratio Lower Upper
165 100
63 2.2 43.7 65.5#
89 3.1 45.0 67.4#



#56
4-Nitrophenol
Concen: 3.657 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.195 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:139 Resp: 5474
Ion Ratio Lower Upper
139 100
109 0.0 67.1 107.1#
65 0.0 88.2 128.2#

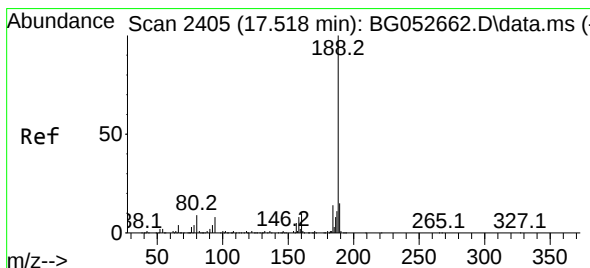
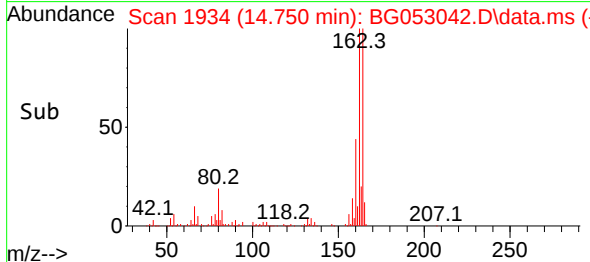
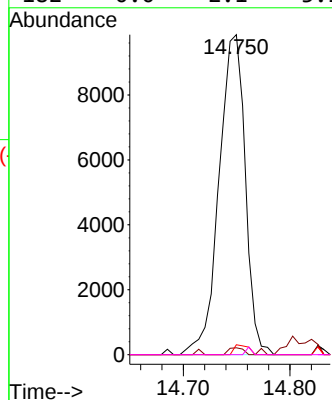
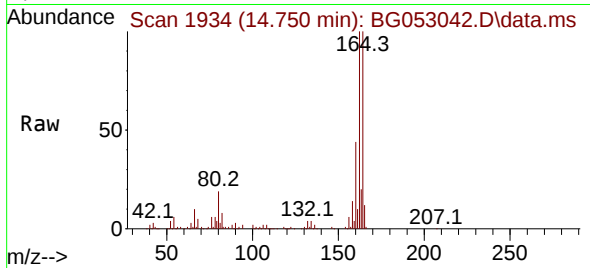




#57
2,4-Dinitrotoluene
Concen: 7.727 ng
RT: 14.750 min Scan# 1997
Delta R.T. -0.363 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

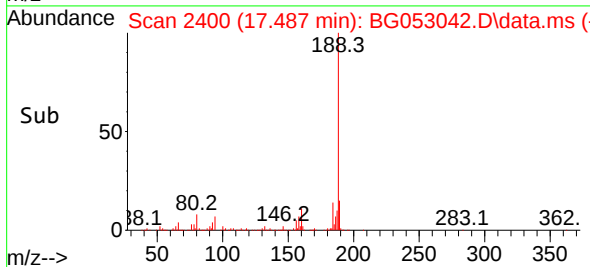
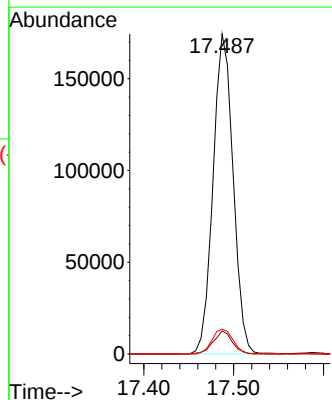
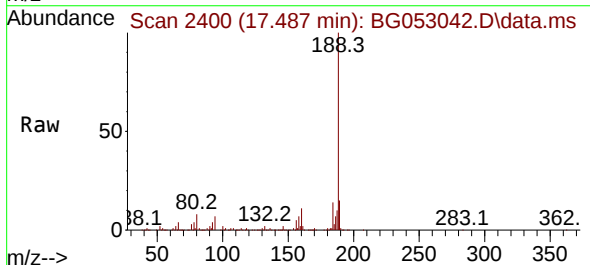
Instrument :
BNA_G
ClientSampleId :
TP-2

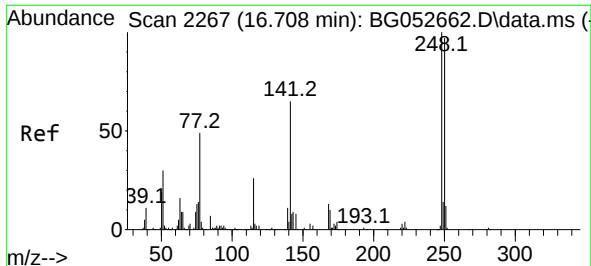
Tgt Ion:165 Resp: 16812
Ion Ratio Lower Upper
165 100
63 2.2 34.8 52.2#
89 3.1 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.017 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:188 Resp: 270371
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.7 7.2 10.8

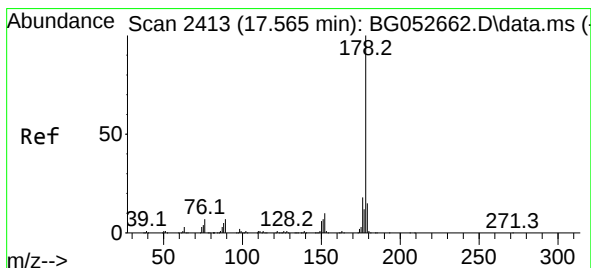
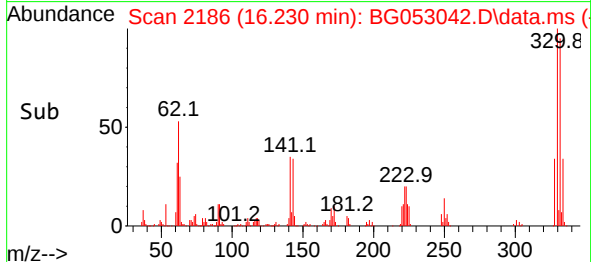
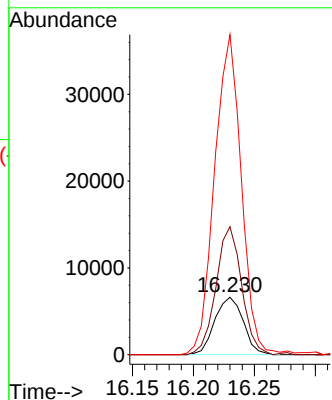
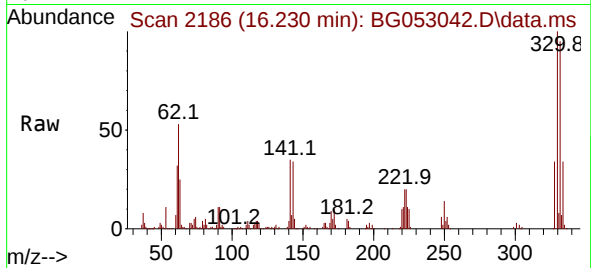




#67
4-Bromophenyl-phenylether
Concen: 3.293 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

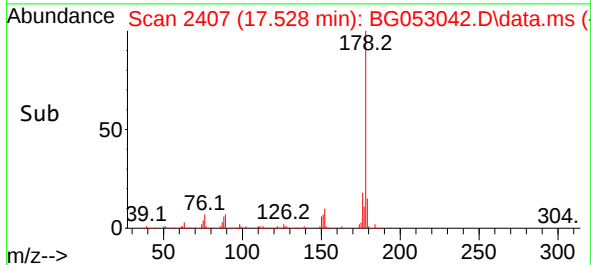
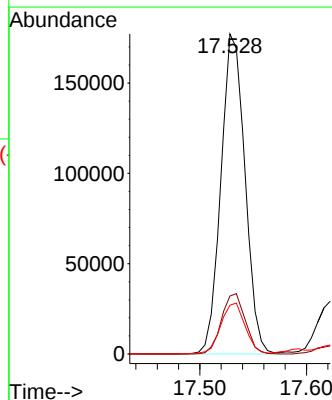
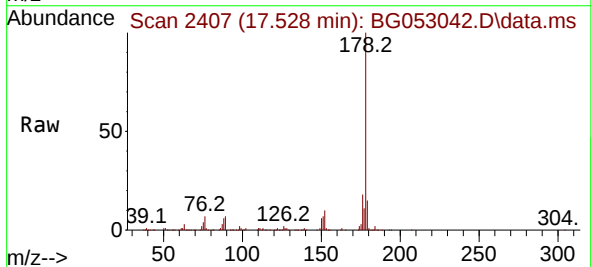
Instrument :
BNA_G
ClientSampleId :
TP-2

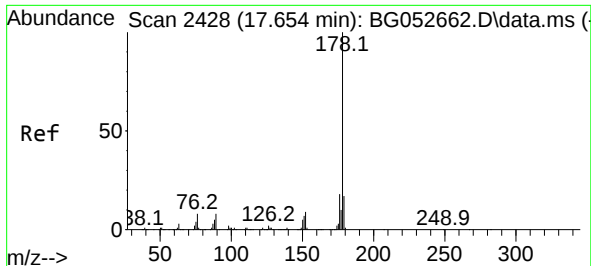
Tgt Ion:248 Resp: 10735
Ion Ratio Lower Upper
248 100
250 223.0 77.9 116.9#
141 557.3 49.2 73.8#



#71
Phenanthrene
Concen: 19.177 ng
RT: 17.528 min Scan# 2407
Delta R.T. -0.023 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:178 Resp: 277377
Ion Ratio Lower Upper
178 100
176 18.1 15.9 23.9
179 15.3 13.4 20.2

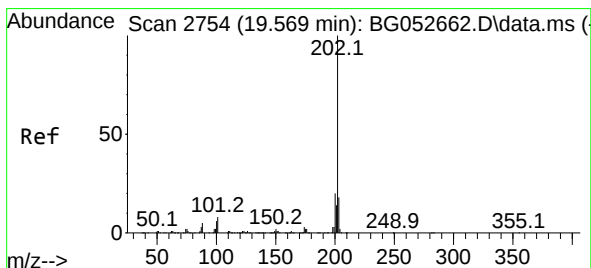
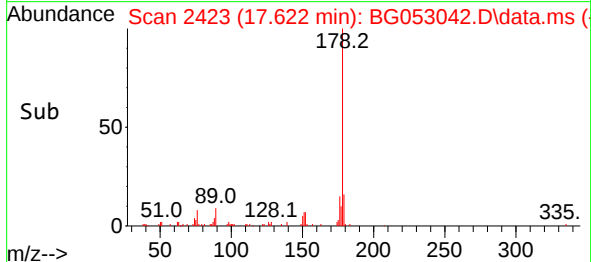
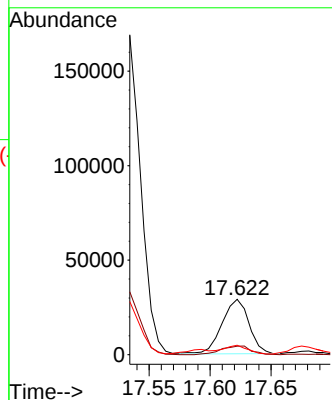
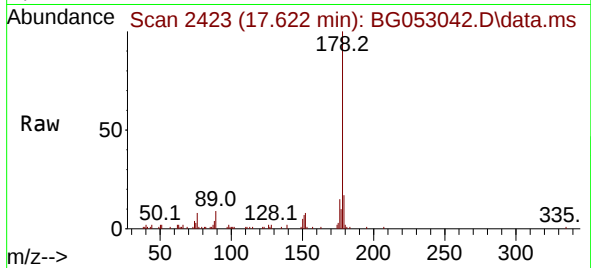




#72
 Anthracene
 Concen: 3.102 ng
 RT: 17.622 min Scan# 2428
 Delta R.T. -0.017 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

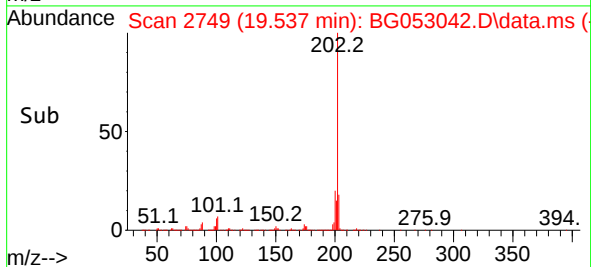
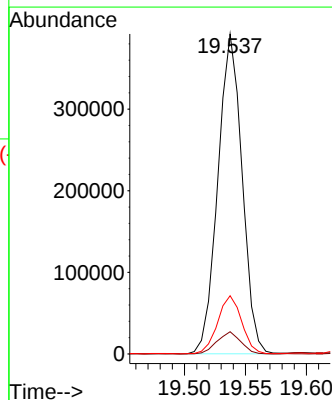
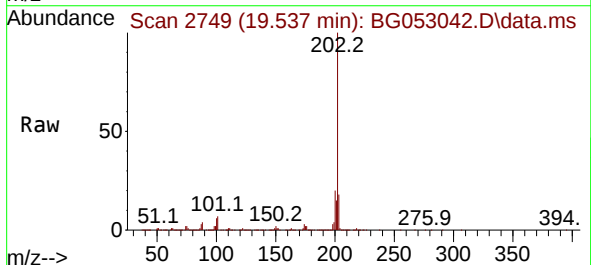
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

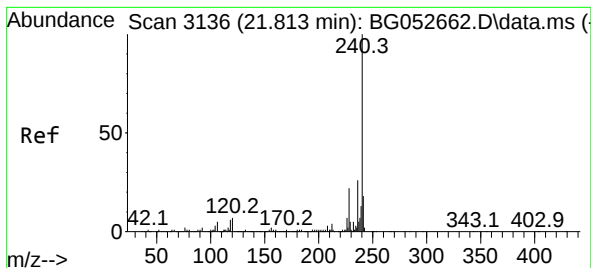
Tgt Ion:178 Resp: 44357
 Ion Ratio Lower Upper
 178 100
 176 15.2 14.7 22.1
 179 17.1 13.2 19.8



#75
 Fluoranthene
 Concen: 29.526 ng
 RT: 19.537 min Scan# 2749
 Delta R.T. -0.017 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Tgt Ion:202 Resp: 542110
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 27.3
 203 18.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.775 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG053042.D

Acq: 5 Apr 2022 21:47

Instrument :

BNA_G

ClientSampleId :

TP-2

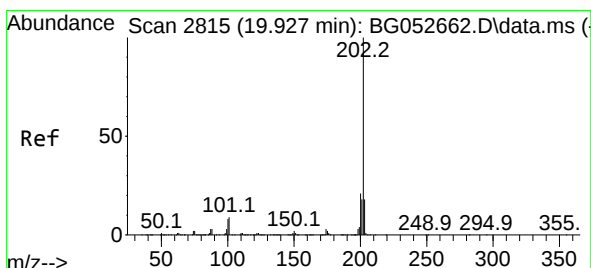
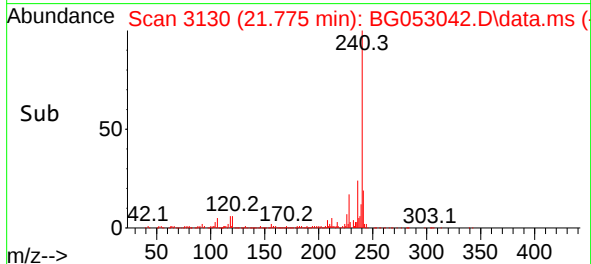
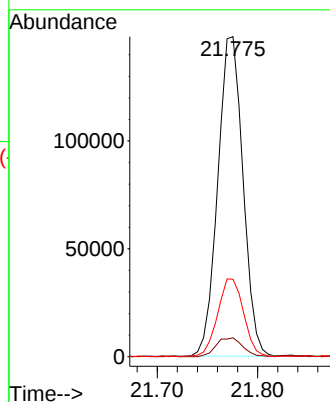
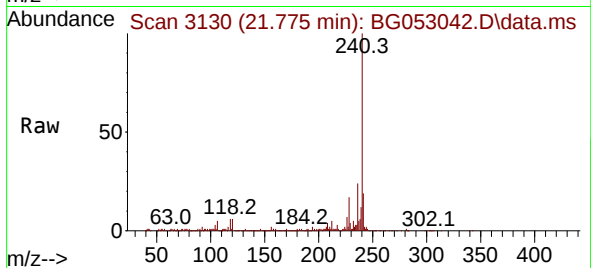
Tgt Ion:240 Resp: 258450

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.0

236 24.2 19.8 29.6



#78

Pyrene

Concen: 27.817 ng

RT: 19.902 min Scan# 2811

Delta R.T. -0.017 min

Lab File: BG053042.D

Acq: 5 Apr 2022 21:47

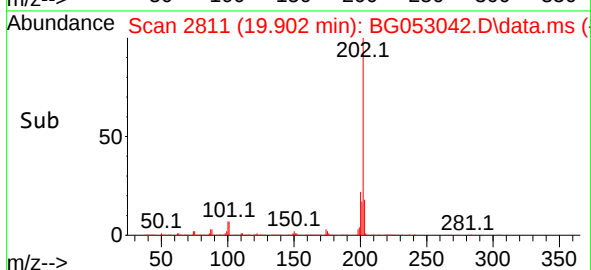
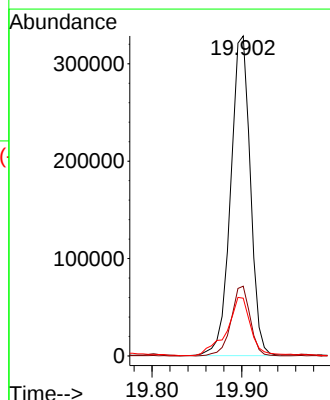
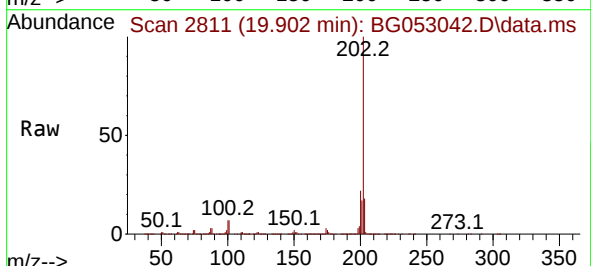
Tgt Ion:202 Resp: 498690

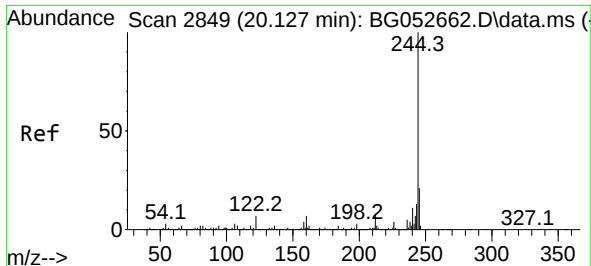
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 18.1 15.0 22.6

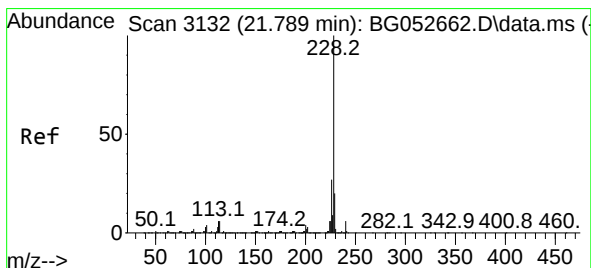
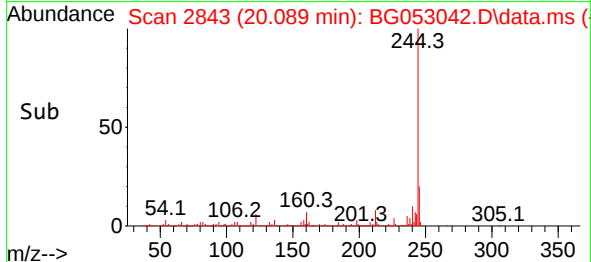
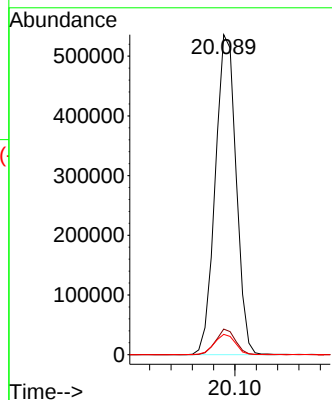
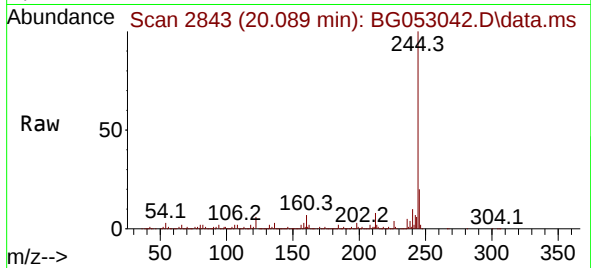




#79
 Terphenyl-d14
 Concen: 49.991 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

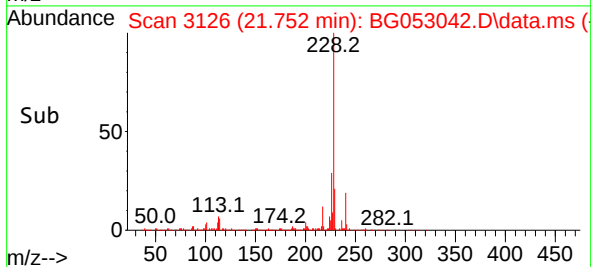
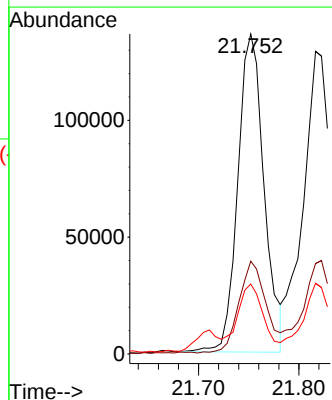
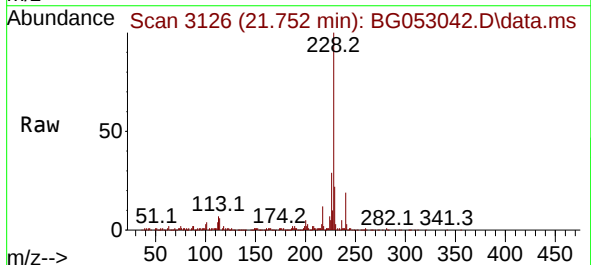
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

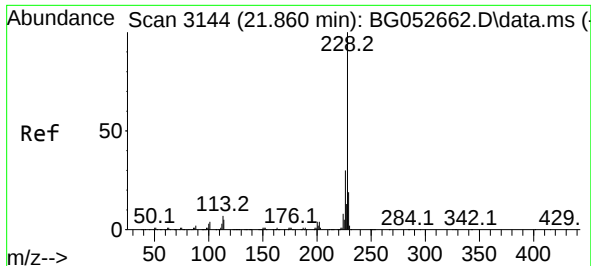
Tgt Ion:244 Resp: 726328
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.3 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 14.299 ng
 RT: 21.752 min Scan# 3126
 Delta R.T. -0.023 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Tgt Ion:228 Resp: 247467
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.4 32.0
 229 21.8 16.7 25.1

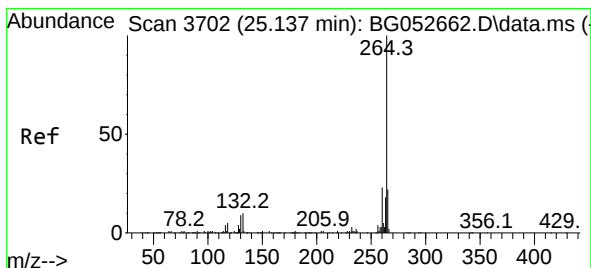
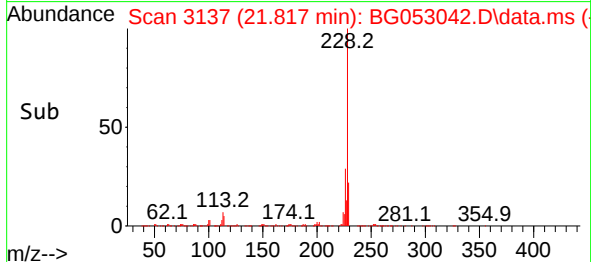
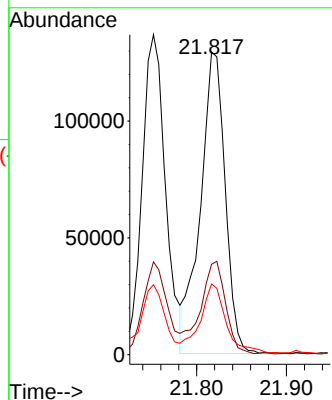
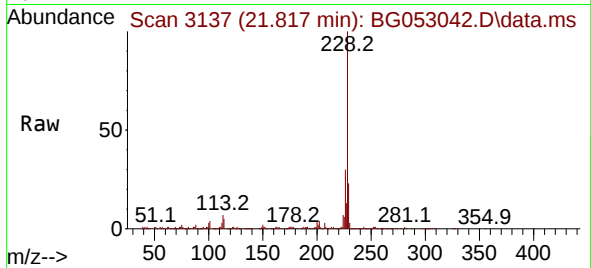




#83
Chrysene
Concen: 15.259 ng
RT: 21.817 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

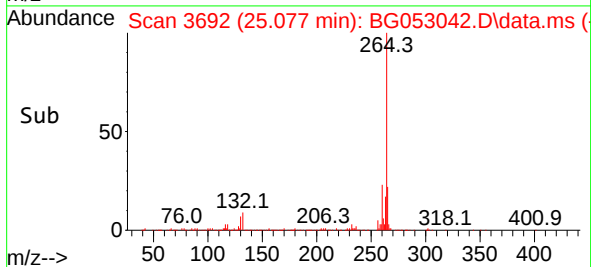
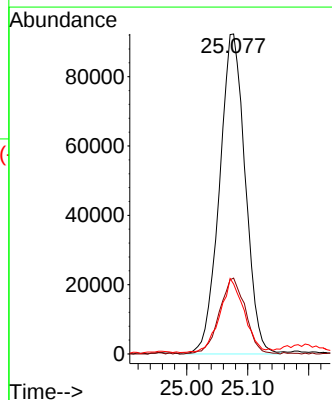
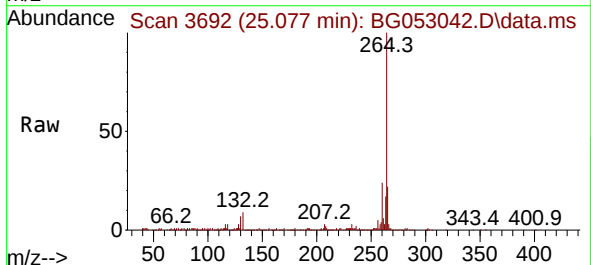
Instrument :
BNA_G
ClientSampleId :
TP-2

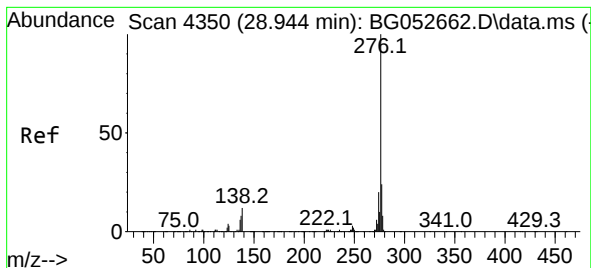
Tgt Ion:228 Resp: 248257
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 23.4 16.3 24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.077 min Scan# 3692
Delta R.T. -0.035 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:264 Resp: 271284
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 21.9 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.225 ng

RT: 28.836 min Scan# 41

Delta R.T. -0.064 min

Lab File: BG053042.D

Acq: 5 Apr 2022 21:47

Instrument :

BNA_G

ClientSampleId :

TP-2

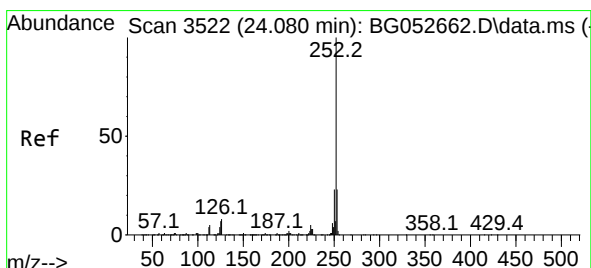
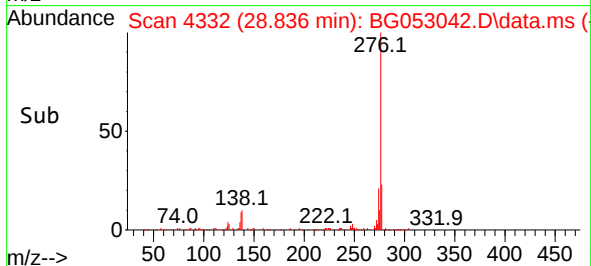
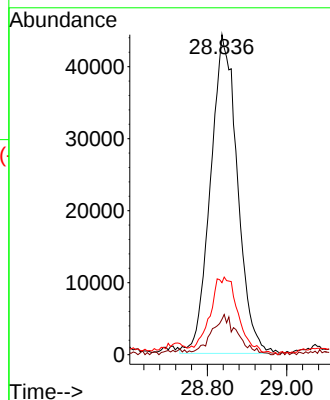
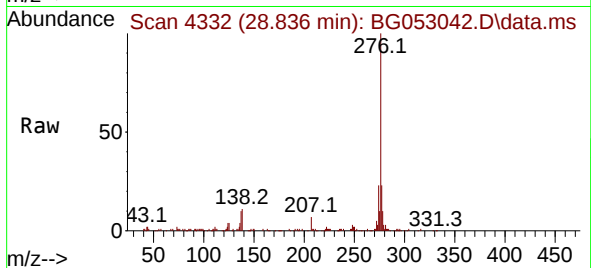
Tgt Ion:276 Resp: 208440

Ion Ratio Lower Upper

276 100

138 12.2 8.7 13.1

277 9.8 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 20.856 ng

RT: 24.025 min Scan# 3513

Delta R.T. -0.029 min

Lab File: BG053042.D

Acq: 5 Apr 2022 21:47

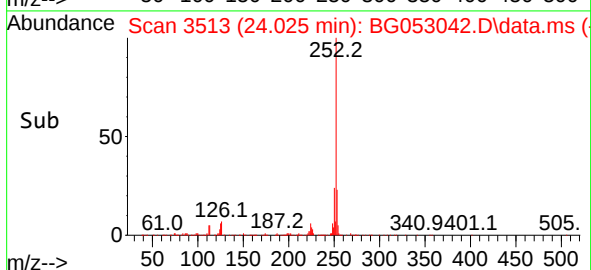
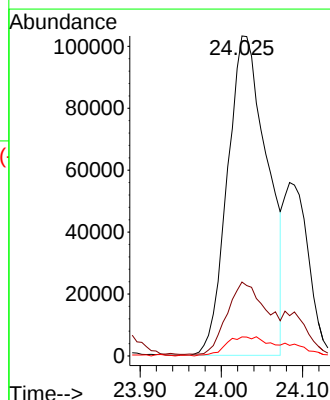
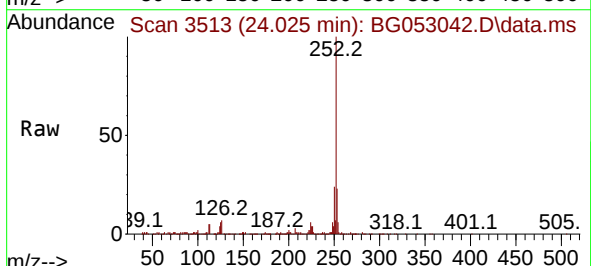
Tgt Ion:252 Resp: 351299

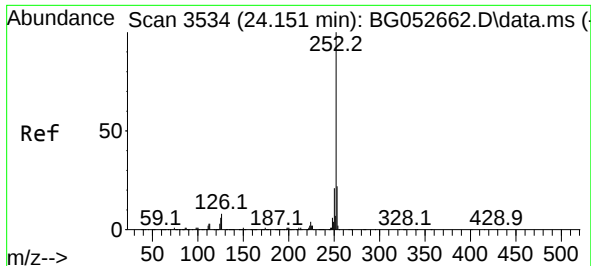
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 6.0 5.2 7.8

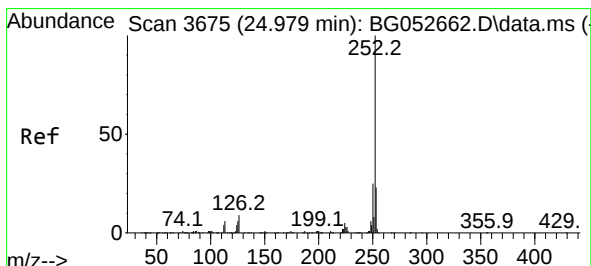
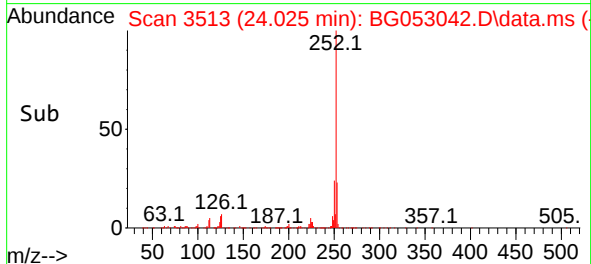
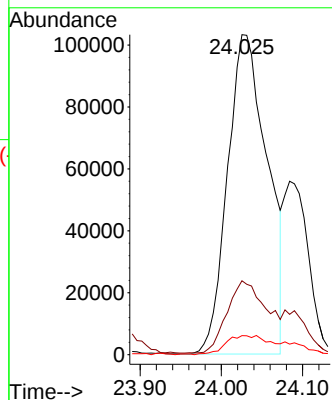
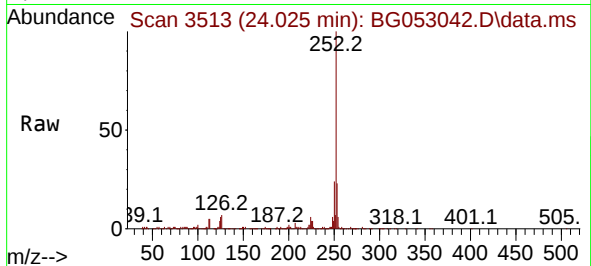




#89
Benzo(k)fluoranthene
Concen: 21.198 ng
RT: 24.025 min Scan# 31
Delta R.T. -0.105 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

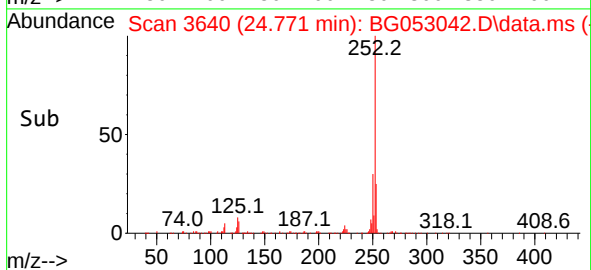
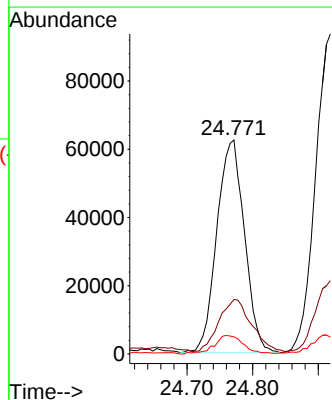
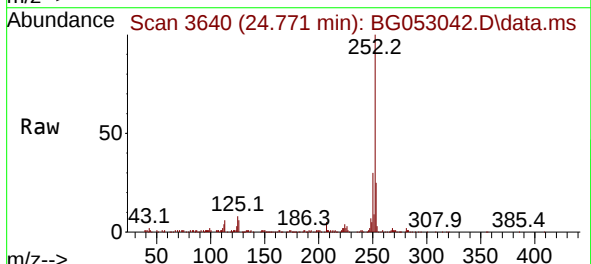
Instrument :
BNA_G
ClientSampleId :
TP-2

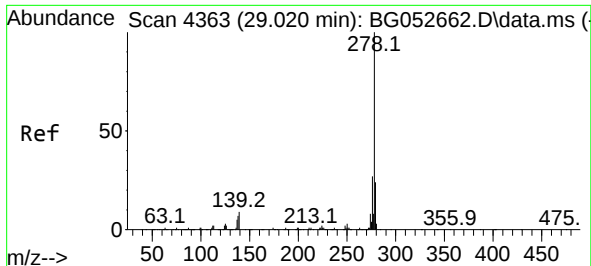
Tgt Ion:252 Resp: 351299
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 6.0 5.0 7.4



#90
Benzo(a)pyrene
Concen: 12.769 ng
RT: 24.771 min Scan# 3640
Delta R.T. -0.181 min
Lab File: BG053042.D
Acq: 5 Apr 2022 21:47

Tgt Ion:252 Resp: 182068
Ion Ratio Lower Upper
252 100
253 25.4 18.4 27.6
125 8.0 5.6 8.4

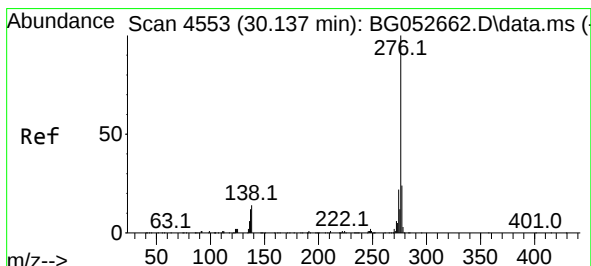
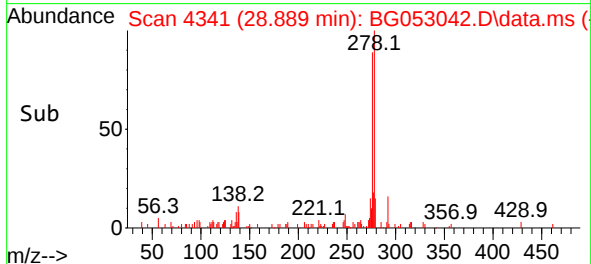
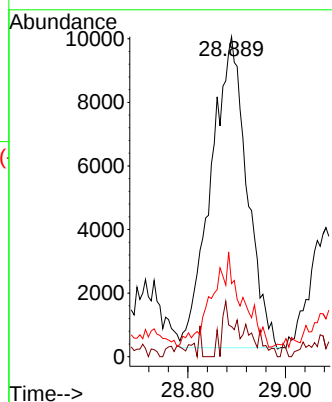
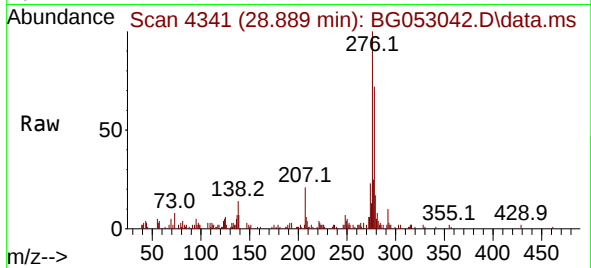




#91
 Dibenzo(a,h)anthracene
 Concen: 3.291 ng
 RT: 28.889 min Scan# 41
 Delta R.T. -0.081 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:278 Resp: 50353
 Ion Ratio Lower Upper
 278 100
 139 9.4 7.8 11.6
 279 22.8 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 13.375 ng
 RT: 30.023 min Scan# 4534
 Delta R.T. -0.070 min
 Lab File: BG053042.D
 Acq: 5 Apr 2022 21:47

Tgt Ion:276 Resp: 202479
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.2 27.2
 138 13.3 9.1 13.7

