

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053250.D
 Acq On : 21 Apr 2022 20:46
 Operator : CG/JU
 Sample : N2480-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-2

Quant Time: Apr 22 02:57:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

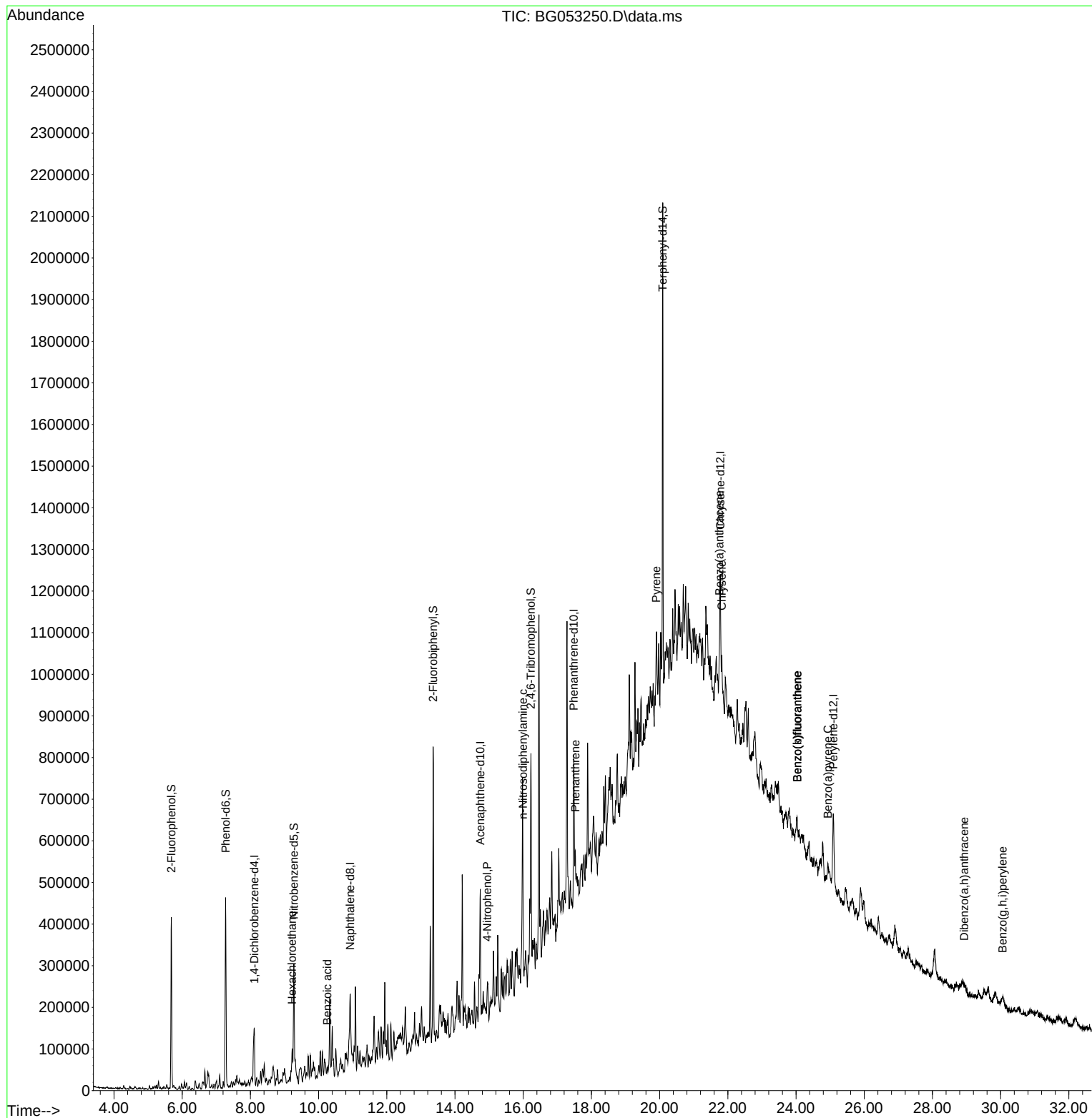
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	35897	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	138854	20.000	ng	# 0.00
39) Acenaphthene-d10	14.740	164	92953	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	182610	20.000	ng	# 0.00
76) Chrysene-d12	21.778	240	183072	20.000	ng	0.00
86) Perylene-d12	25.091	264	195129	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	166098	79.316	ng	0.00
7) Phenol-d6	7.274	99	242820	75.192	ng	0.00
23) Nitrobenzene-d5	9.277	82	178575	52.219	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	104659	70.771	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	373800	55.451	ng	0.00
79) Terphenyl-d14	20.092	244	561254	51.778	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.224	117	4528	4.508	ng	# 1
32) Benzoic acid	10.252	122	54	3.668	ng	# 21
56) 4-Nitrophenol	14.946	139	3728	2.980	ng	# 47
66) n-Nitrosodiphenylamine	15.991	169	15786	3.006	ng	# 50
71) Phenanthrene	17.530	178	66458	6.663	ng	# 94
78) Pyrene	19.898	202	77225	5.923	ng	# 93
81) Benzo(a)anthracene	21.754	228	66577	5.319	ng	# 76
83) Chrysene	21.825	228	100121	8.619	ng	# 80
88) Benzo(b)fluoranthene	24.039	252	39553	3.213	ng	# 47
89) Benzo(k)fluoranthene	24.039	252	39553	3.269	ng	# 48
90) Benzo(a)pyrene	24.932	252	55516	5.293	ng	# 83
91) Dibenzo(a,h)anthracene	28.927	278	34372	2.881	ng	# 69
92) Benzo(g,h,i)perylene	30.055	276	53947	4.587	ng	# 90

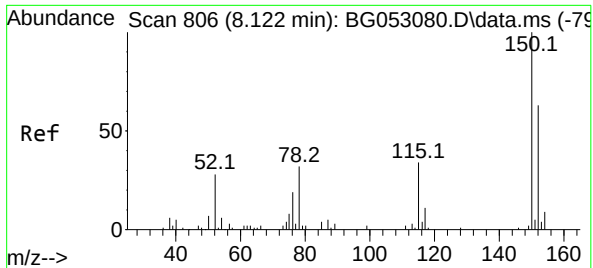
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Time: Apr 22 02:57:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

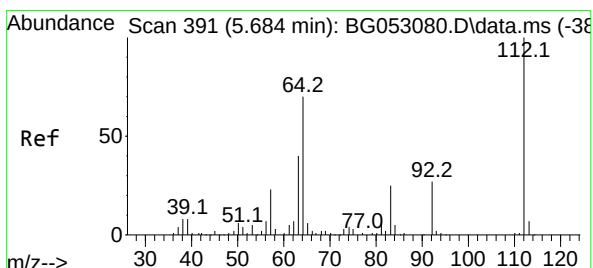
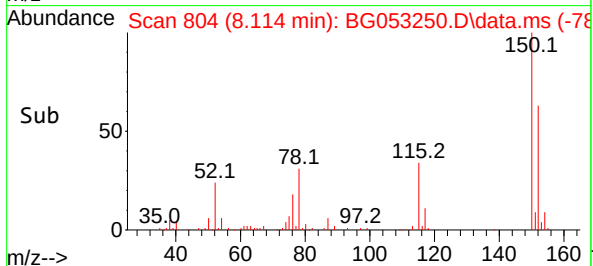
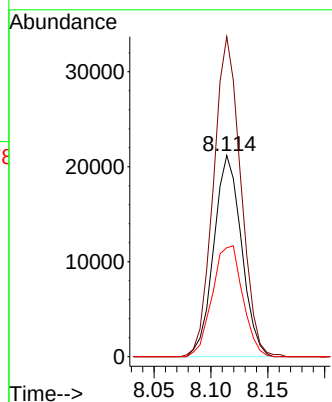
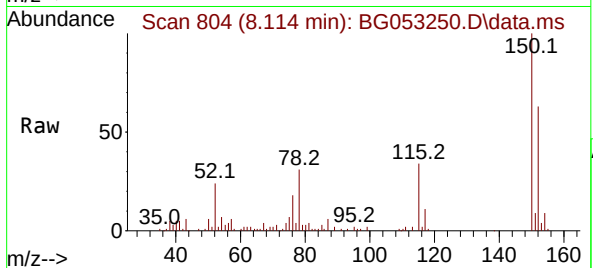




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

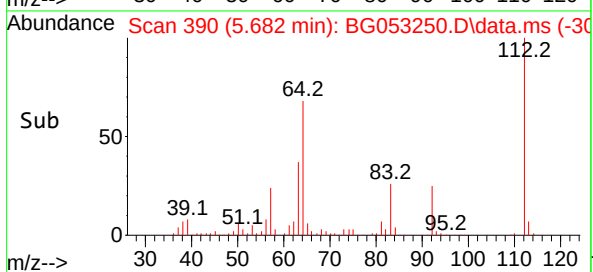
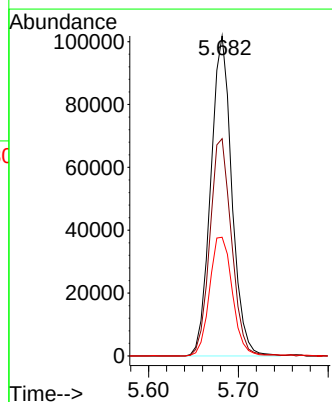
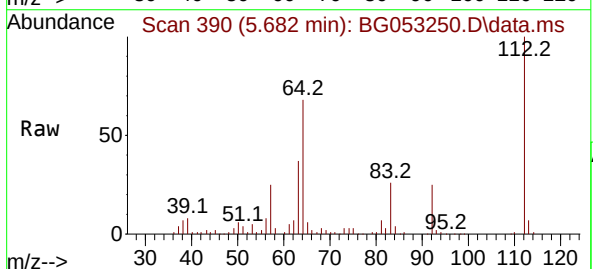
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

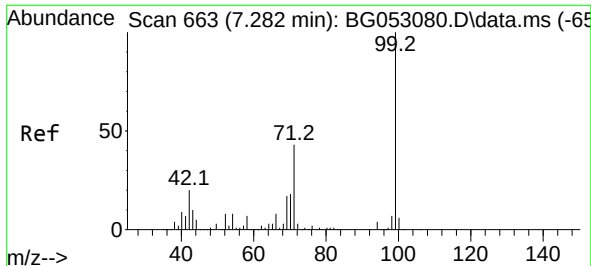
Tgt Ion:152 Resp: 35897
Ion Ratio Lower Upper
152 100
150 159.0 114.6 172.0
115 54.1 45.9 68.9



#5
2-Fluorophenol
Concen: 79.316 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion:112 Resp: 166098
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 37.1 26.5 39.7

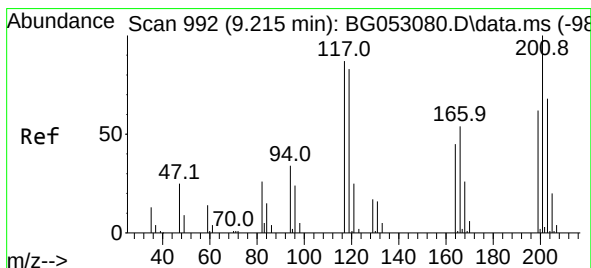
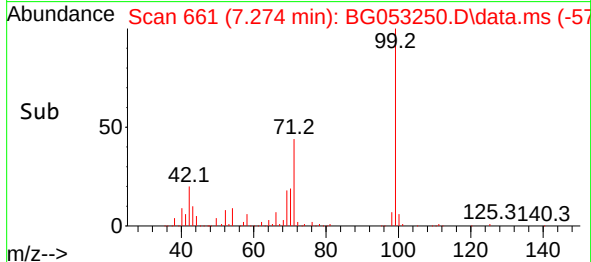
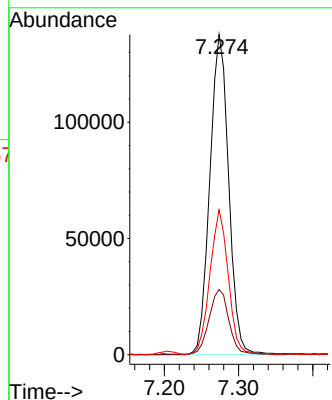
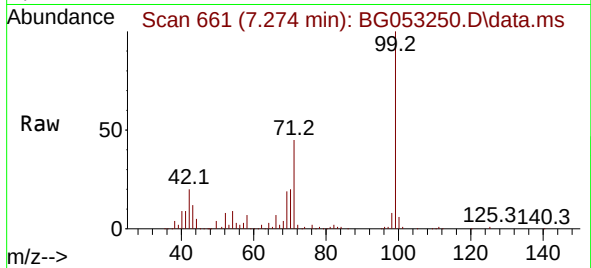




#7
Phenol-d6
Concen: 75.192 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

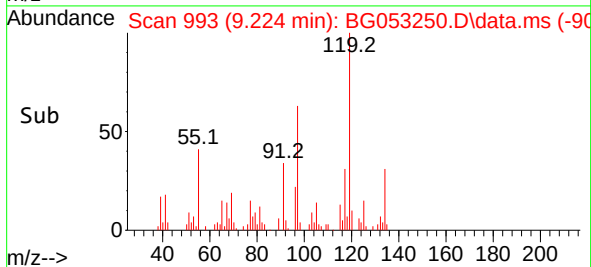
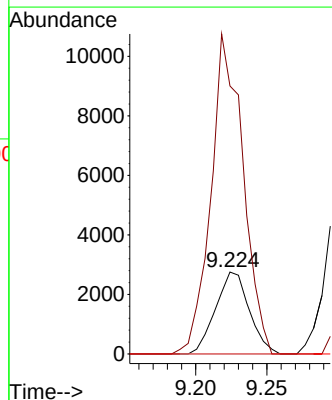
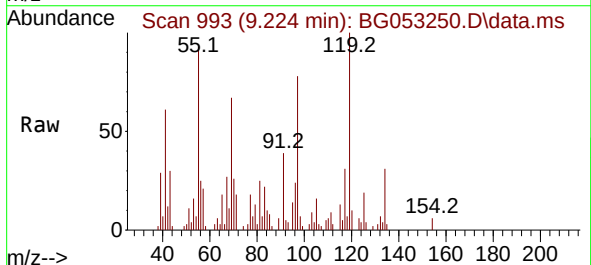
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

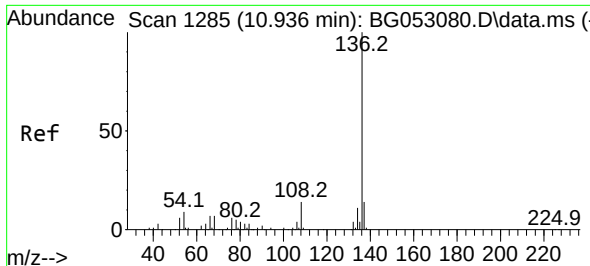
Tgt Ion: 99 Resp: 242820
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 45.3 29.2 43.8#



#18
Hexachloroethane
Concen: 4.508 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.010 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion: 117 Resp: 4528
Ion Ratio Lower Upper
117 100
119 327.1 75.1 112.7#
201 0.0 96.6 145.0#



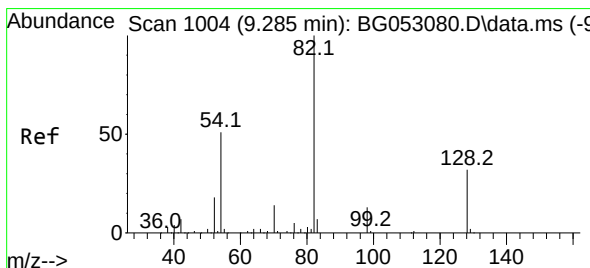
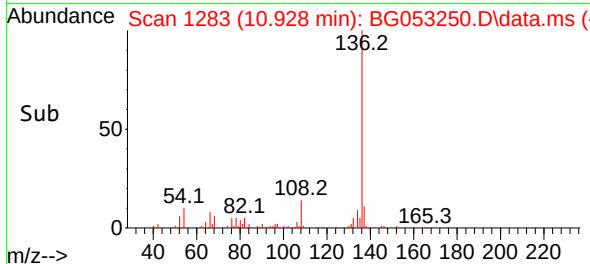
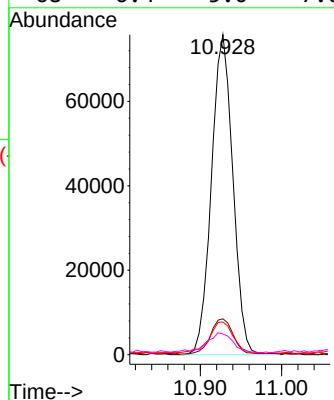
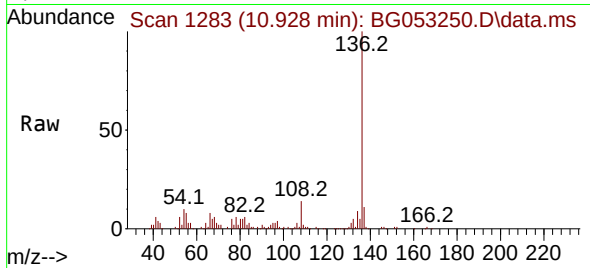


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Tgt Ion:136 Resp: 138854

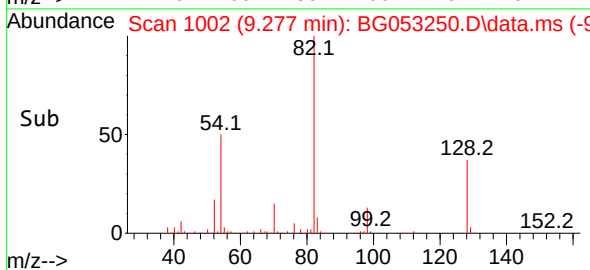
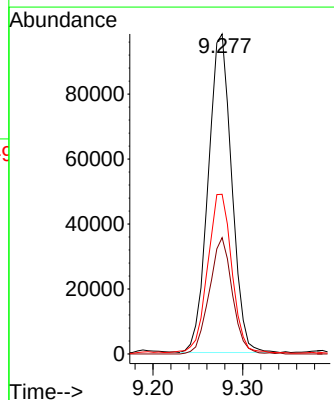
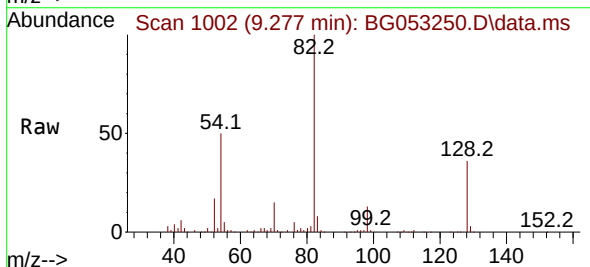
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	10.2	6.4	9.6#
68	6.4	5.0	7.6

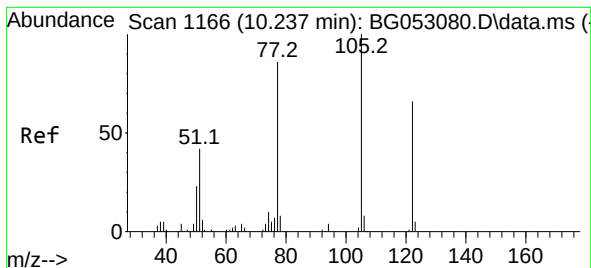


#23
Nitrobenzene-d5
Concen: 52.219 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion: 82 Resp: 178575

Ion	Ratio	Lower	Upper
82	100		
128	36.4	31.3	46.9
54	49.9	37.8	56.8





#32

Benzoic acid

Concen: 3.668 ng

RT: 10.252 min Scan# 1168

Delta R.T. 0.015 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

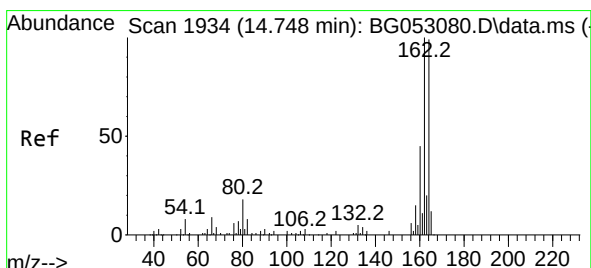
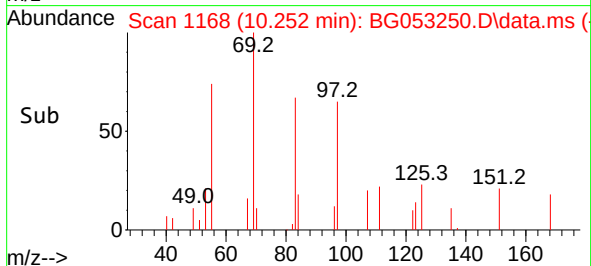
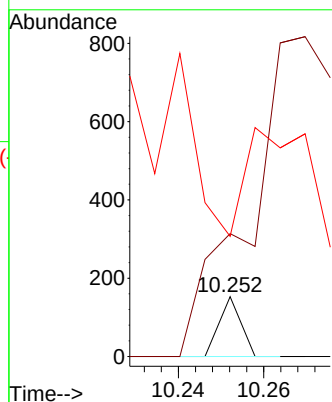
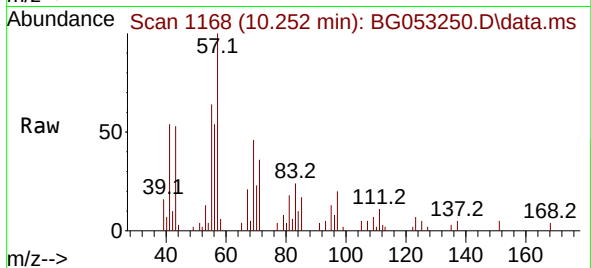
Instrument :

BNA_G

ClientSampleId :

WC-16-1A-2

Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	205.2	112.8	152.8#
77	200.7	78.4	118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

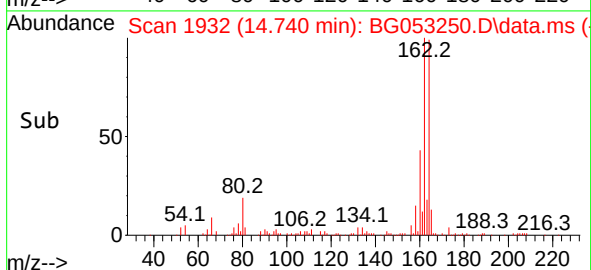
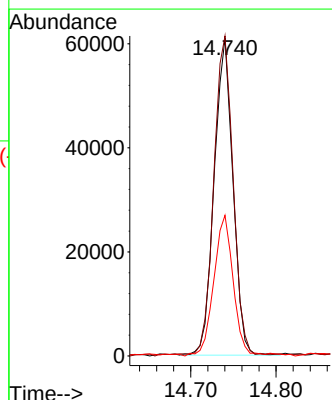
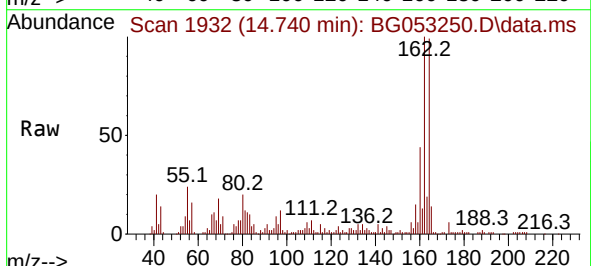
RT: 14.740 min Scan# 1932

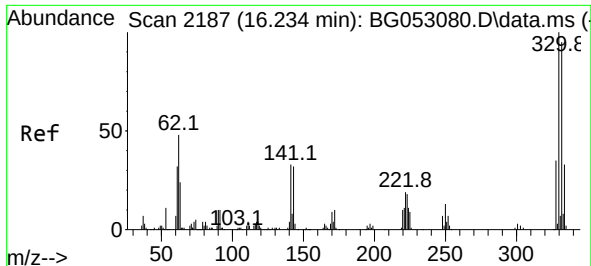
Delta R.T. -0.008 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

Tgt Ion:	164	Resp:	92953
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.0	120.0
160	44.2	38.8	58.2

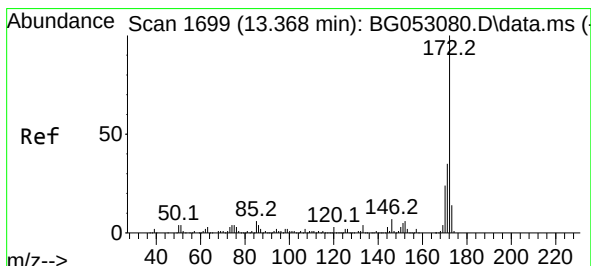
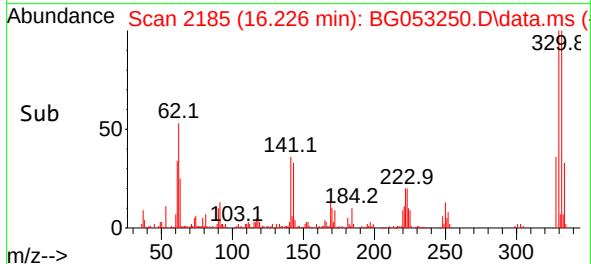
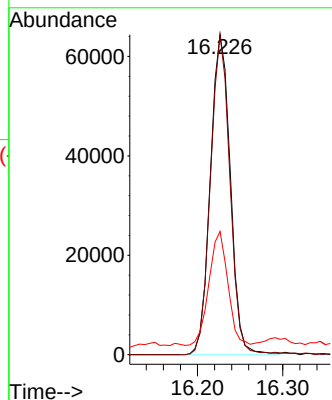
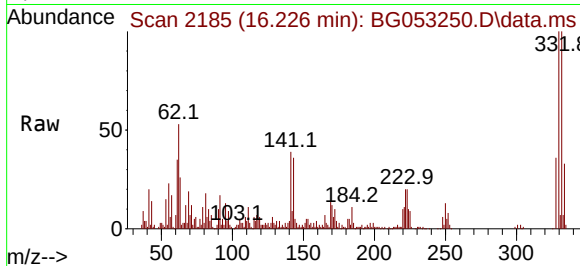




#42
2,4,6-Tribromophenol
Concen: 70.771 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

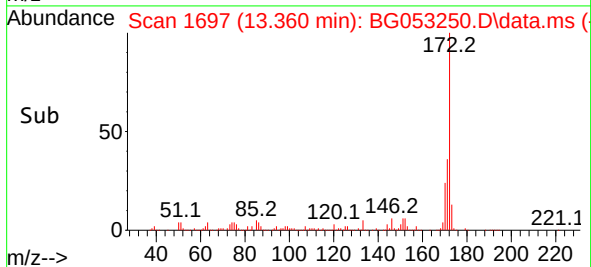
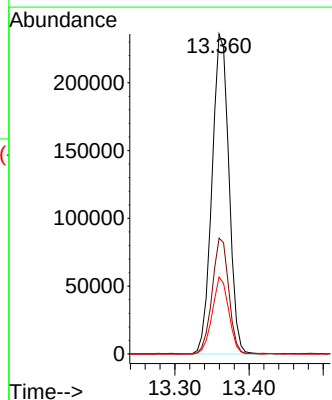
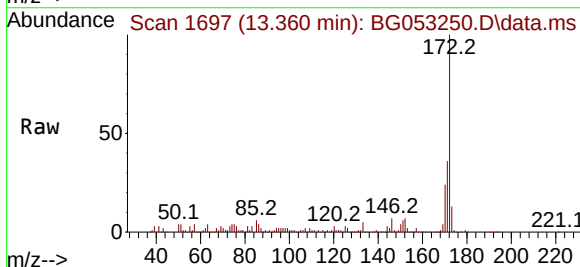
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

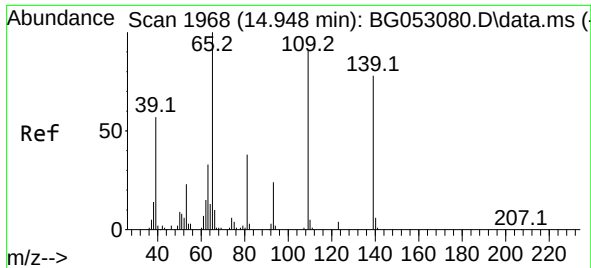
Tgt Ion:330 Resp: 104659
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 55.451 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion:172 Resp: 373800
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.0 18.0 27.0

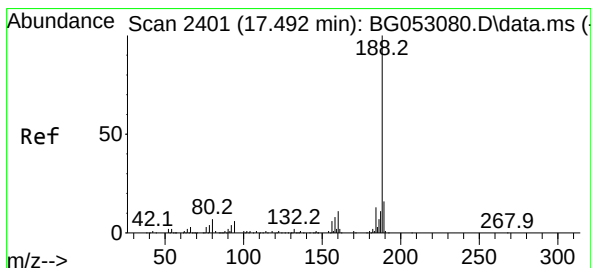
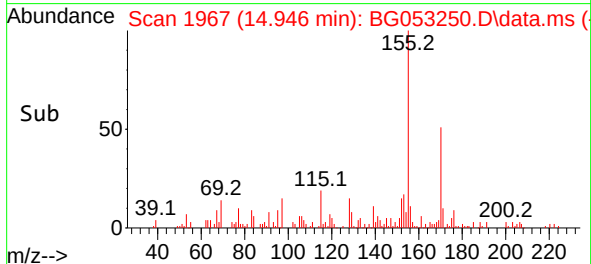
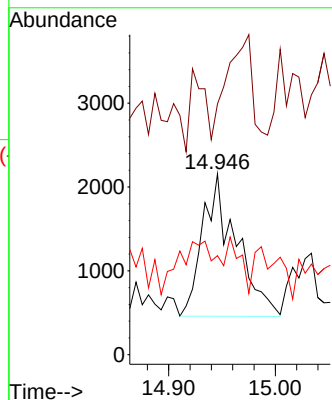
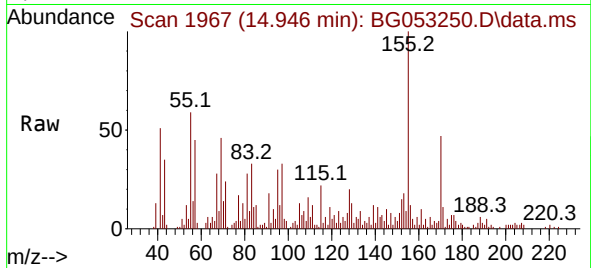




#56
4-Nitrophenol
Concen: 2.980 ng
RT: 14.946 min Scan# 1968
Delta R.T. -0.002 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

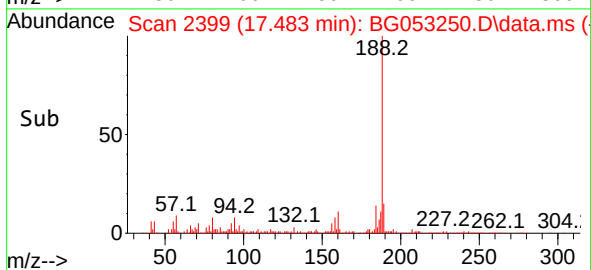
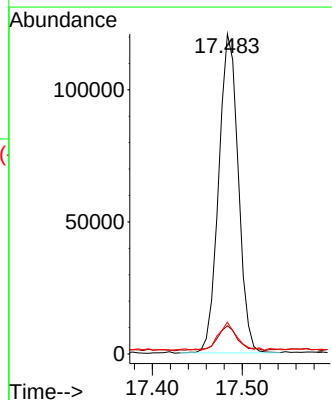
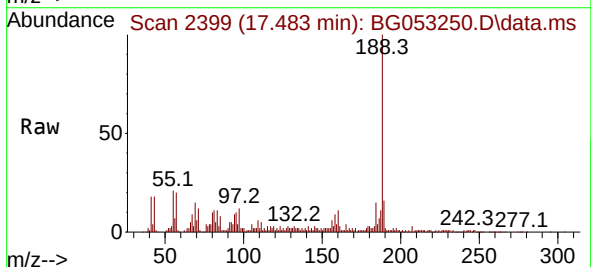
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

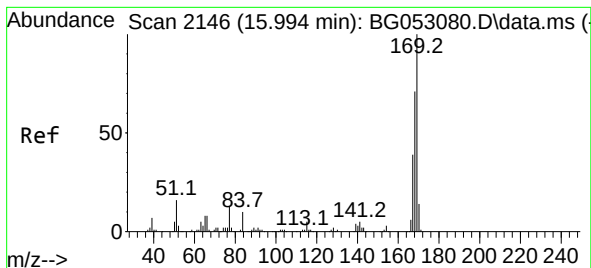
Tgt Ion:139 Resp: 3728
Ion Ratio Lower Upper
139 100
109 138.7 67.1 107.1#
65 54.8 88.2 128.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2399
Delta R.T. -0.008 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion:188 Resp: 182610
Ion Ratio Lower Upper
188 100
94 8.8 5.7 8.5#
80 10.0 7.2 10.8





#66

n-Nitrosodiphenylamine

Concen: 3.006 ng

RT: 15.991 min Scan# 2145

Delta R.T. -0.002 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-2

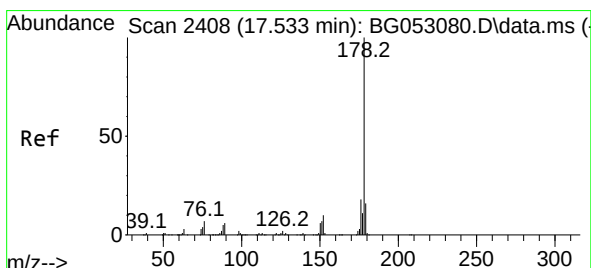
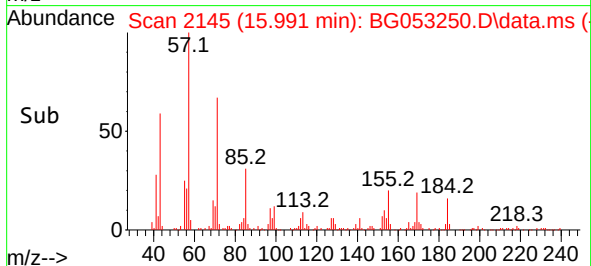
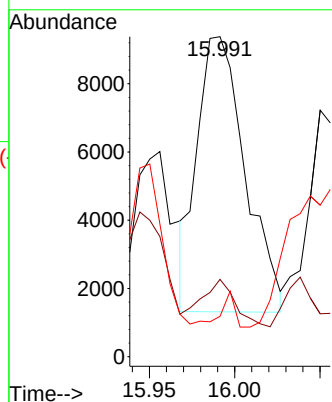
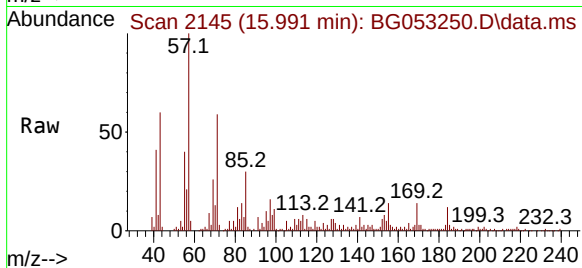
Tgt Ion:169 Resp: 15786

Ion Ratio Lower Upper

169 100

168 24.1 54.5 81.7#

167 12.6 29.6 44.4#



#71

Phenanthrene

Concen: 6.663 ng

RT: 17.530 min Scan# 2407

Delta R.T. -0.002 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

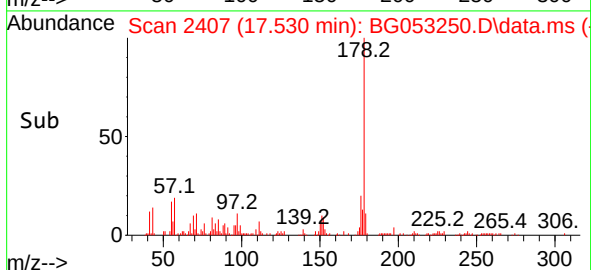
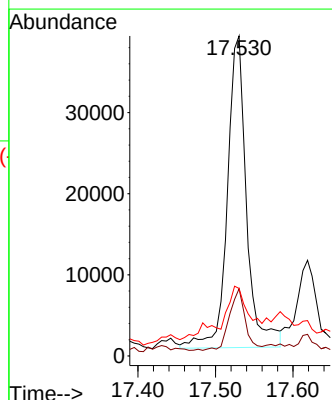
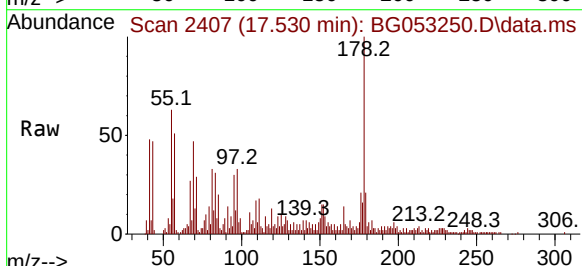
Tgt Ion:178 Resp: 66458

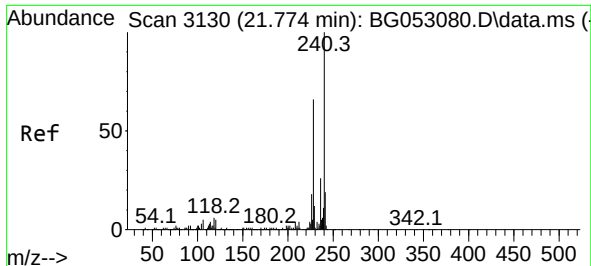
Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

179 21.1 13.4 20.2#

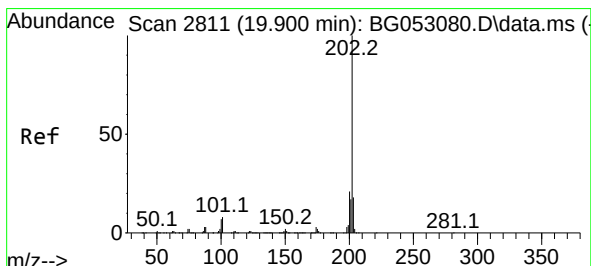
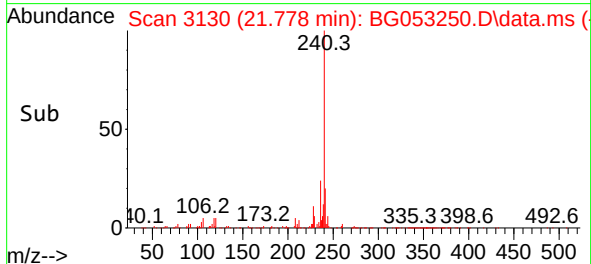
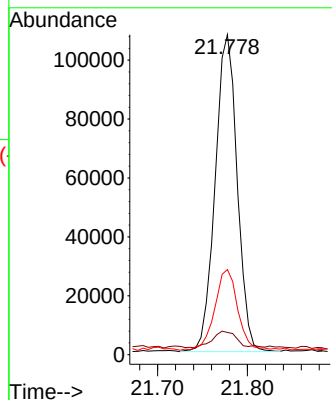
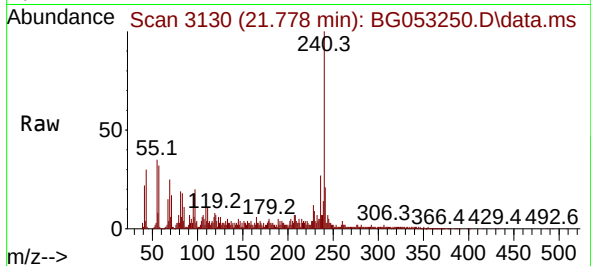




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.778 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

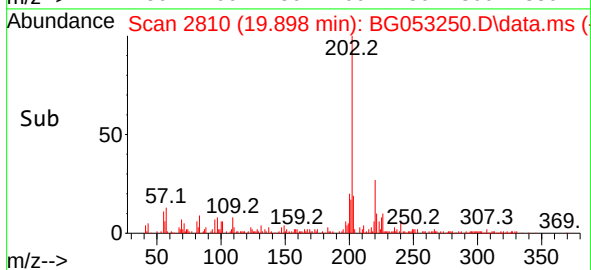
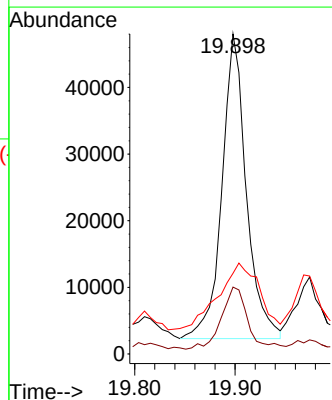
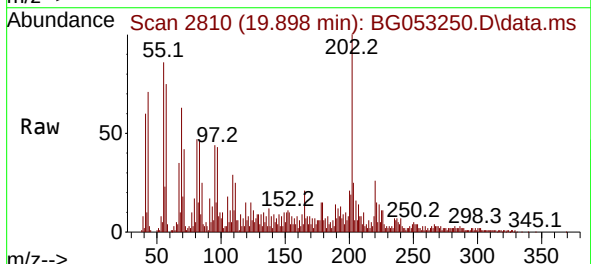
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

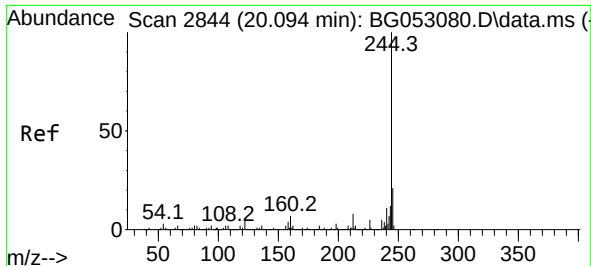
Tgt Ion:240 Resp: 183072
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 26.6 19.8 29.6



#78
Pyrene
Concen: 5.923 ng
RT: 19.898 min Scan# 2810
Delta R.T. -0.002 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion:202 Resp: 77225
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 25.2 15.0 22.6#

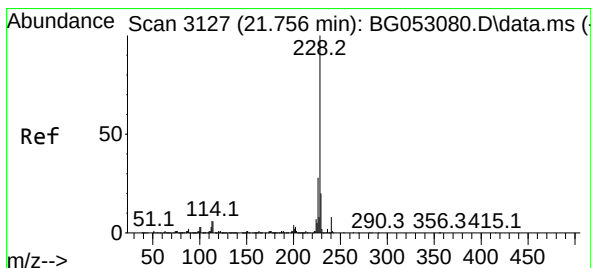
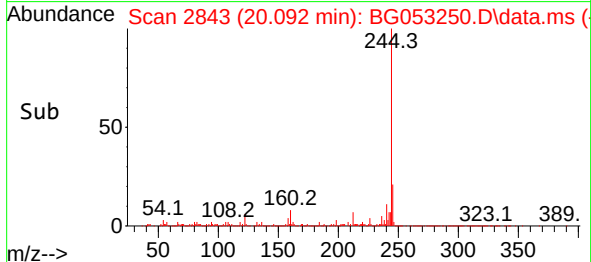
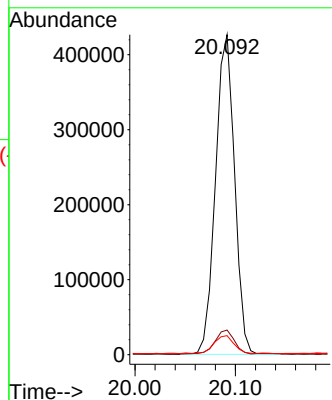
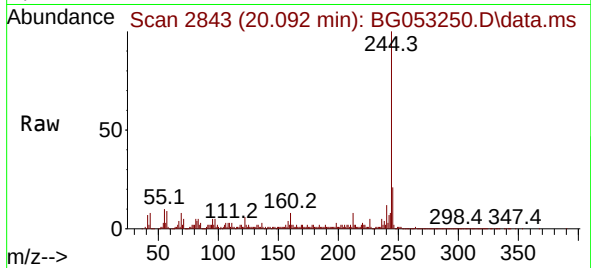




#79
 Terphenyl-d14
 Concen: 51.778 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053250.D
 Acq: 21 Apr 2022 20:46

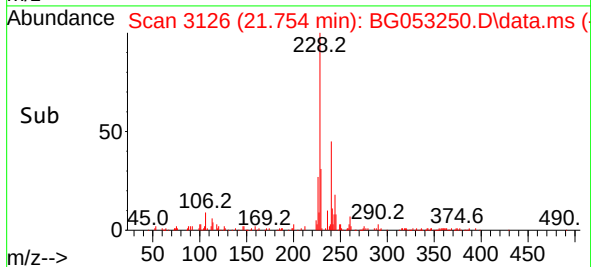
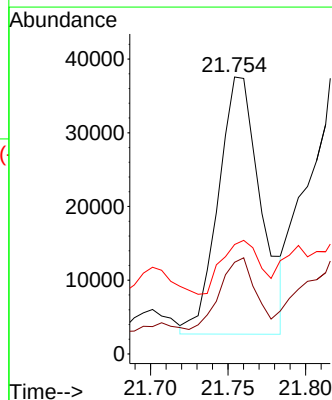
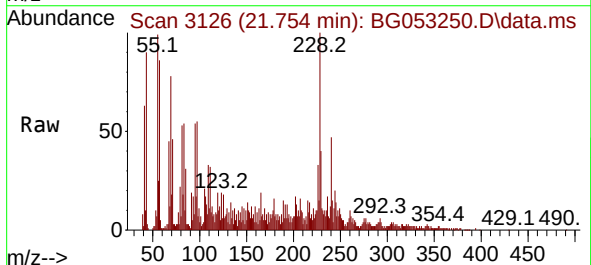
Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-2

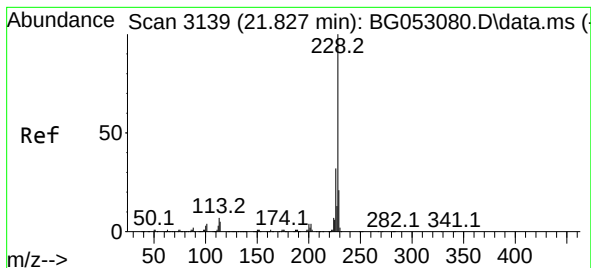
Tgt Ion:244 Resp: 561254
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.0 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 5.319 ng
 RT: 21.754 min Scan# 3126
 Delta R.T. -0.002 min
 Lab File: BG053250.D
 Acq: 21 Apr 2022 20:46

Tgt Ion:228 Resp: 66577
 Ion Ratio Lower Upper
 228 100
 226 33.1 21.4 32.0#
 229 39.5 16.7 25.1#





#83

Chrysene

Concen: 8.619 ng

RT: 21.825 min Scan# 3139

Delta R.T. -0.002 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-2

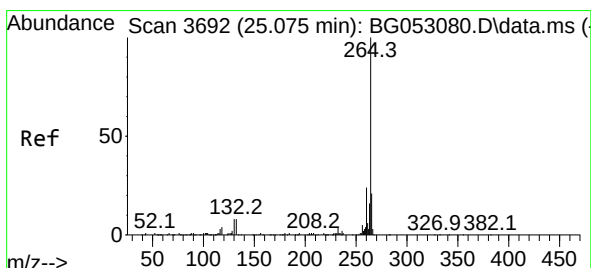
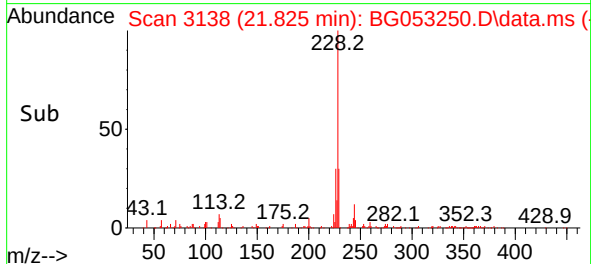
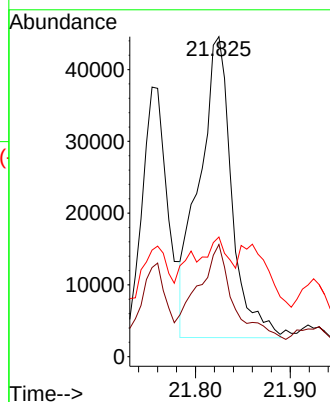
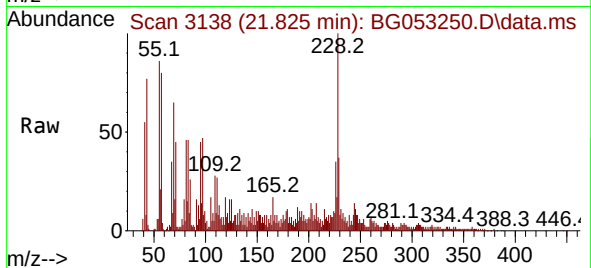
Tgt Ion:228 Resp: 100121

Ion Ratio Lower Upper

228 100

226 35.1 24.2 36.4

229 37.4 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.091 min Scan# 3694

Delta R.T. 0.015 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

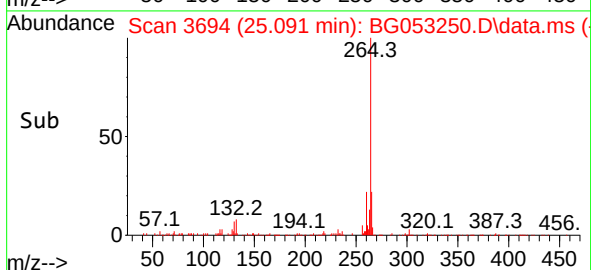
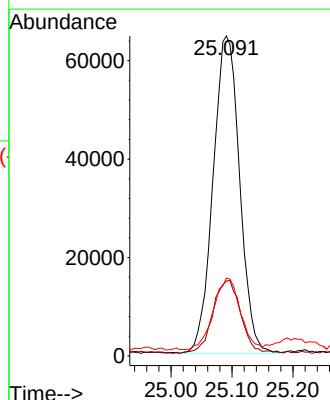
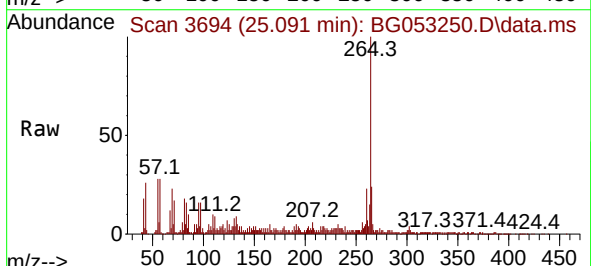
Tgt Ion:264 Resp: 195129

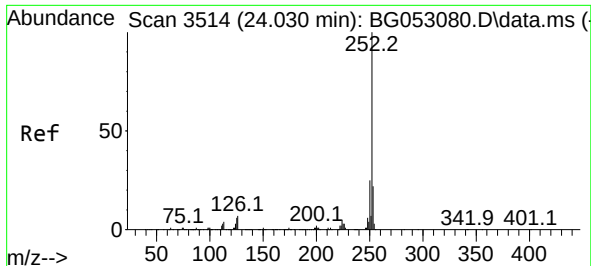
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 24.4 15.1 22.7#

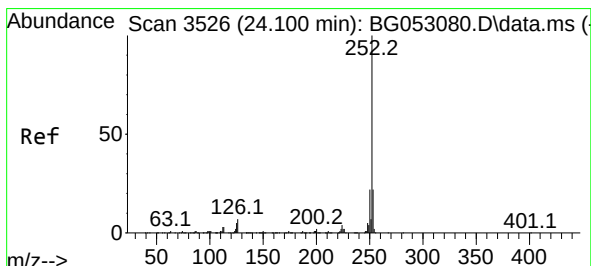
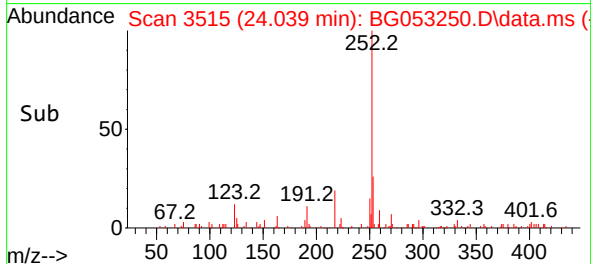
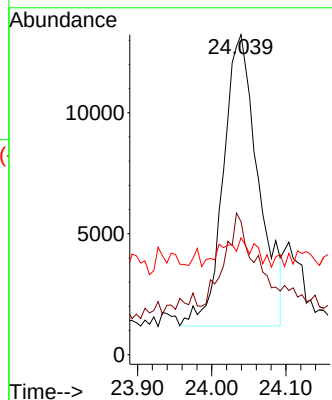
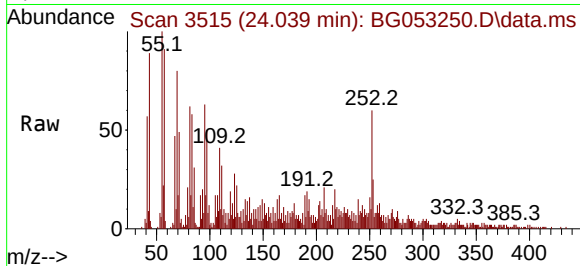




#88
Benzo(b)fluoranthene
Concen: 3.213 ng
RT: 24.039 min Scan# 3514
Delta R.T. 0.010 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

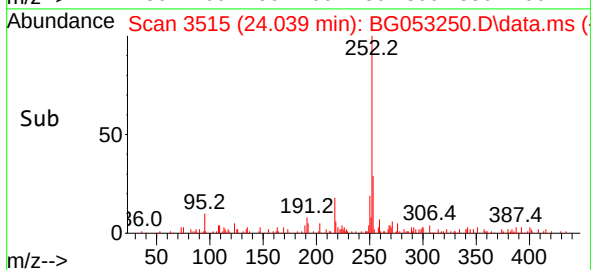
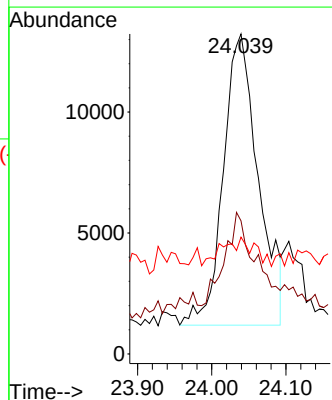
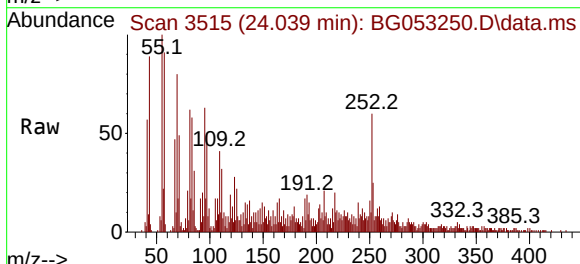
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

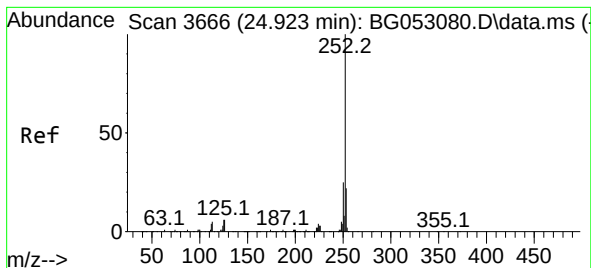
Tgt Ion:252 Resp: 39553
Ion Ratio Lower Upper
252 100
253 41.6 17.2 25.8#
125 36.5 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 3.269 ng
RT: 24.039 min Scan# 3515
Delta R.T. -0.061 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Tgt Ion:252 Resp: 39553
Ion Ratio Lower Upper
252 100
253 41.6 17.4 26.0#
125 36.5 5.0 7.4#





#90

Benzo(a)pyrene

Concen: 5.293 ng

RT: 24.932 min Scan# 3

Delta R.T. 0.010 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-2

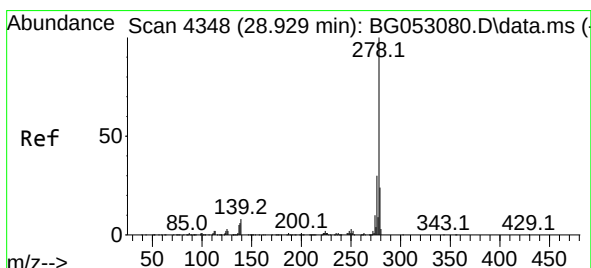
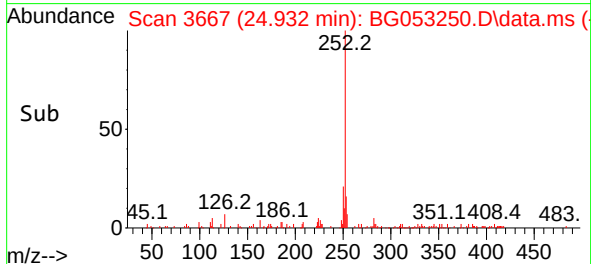
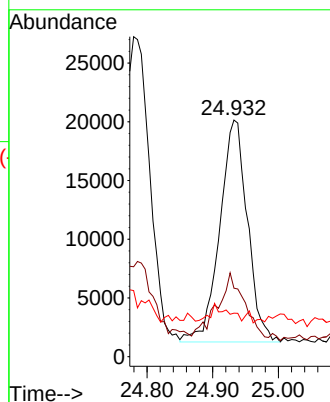
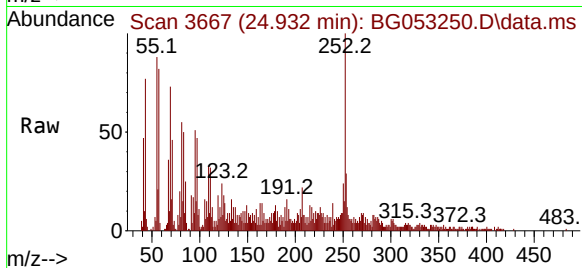
Tgt Ion:252 Resp: 55516

Ion Ratio Lower Upper

252 100

253 28.9 18.4 27.6#

125 18.4 5.6 8.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.881 ng

RT: 28.927 min Scan# 4347

Delta R.T. -0.002 min

Lab File: BG053250.D

Acq: 21 Apr 2022 20:46

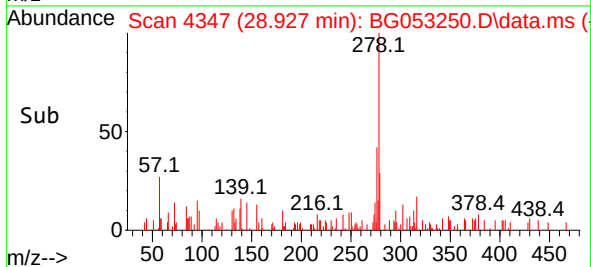
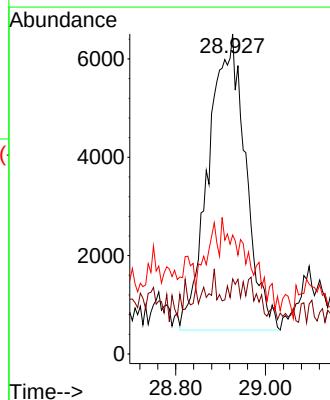
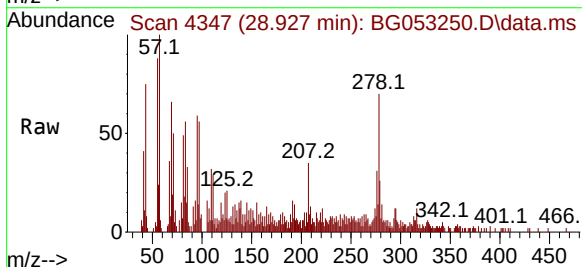
Tgt Ion:278 Resp: 34372

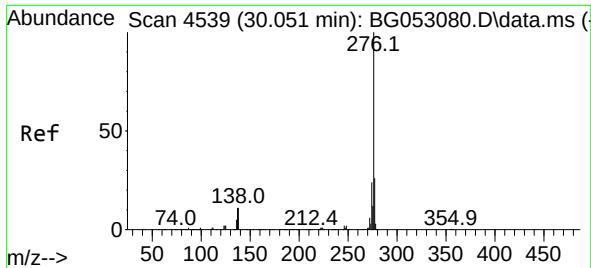
Ion Ratio Lower Upper

278 100

139 23.4 7.8 11.6#

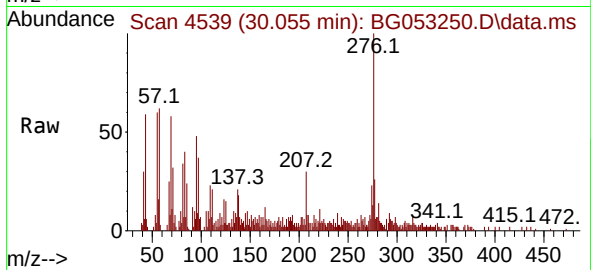
279 37.1 18.5 27.7#





#92
Benzo(g,h,i)perylene
Concen: 4.587 ng
RT: 30.055 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG053250.D
Acq: 21 Apr 2022 20:46

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2



Tgt Ion:276 Resp: 53947
Ion Ratio Lower Upper
276 100
277 25.7 18.2 27.2
138 18.3 9.1 13.7#

