

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054525.D
 Acq On : 4 Aug 2022 19:11
 Operator : CG/JU
 Sample : N3930-18RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-110

Quant Time: Aug 05 05:03:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

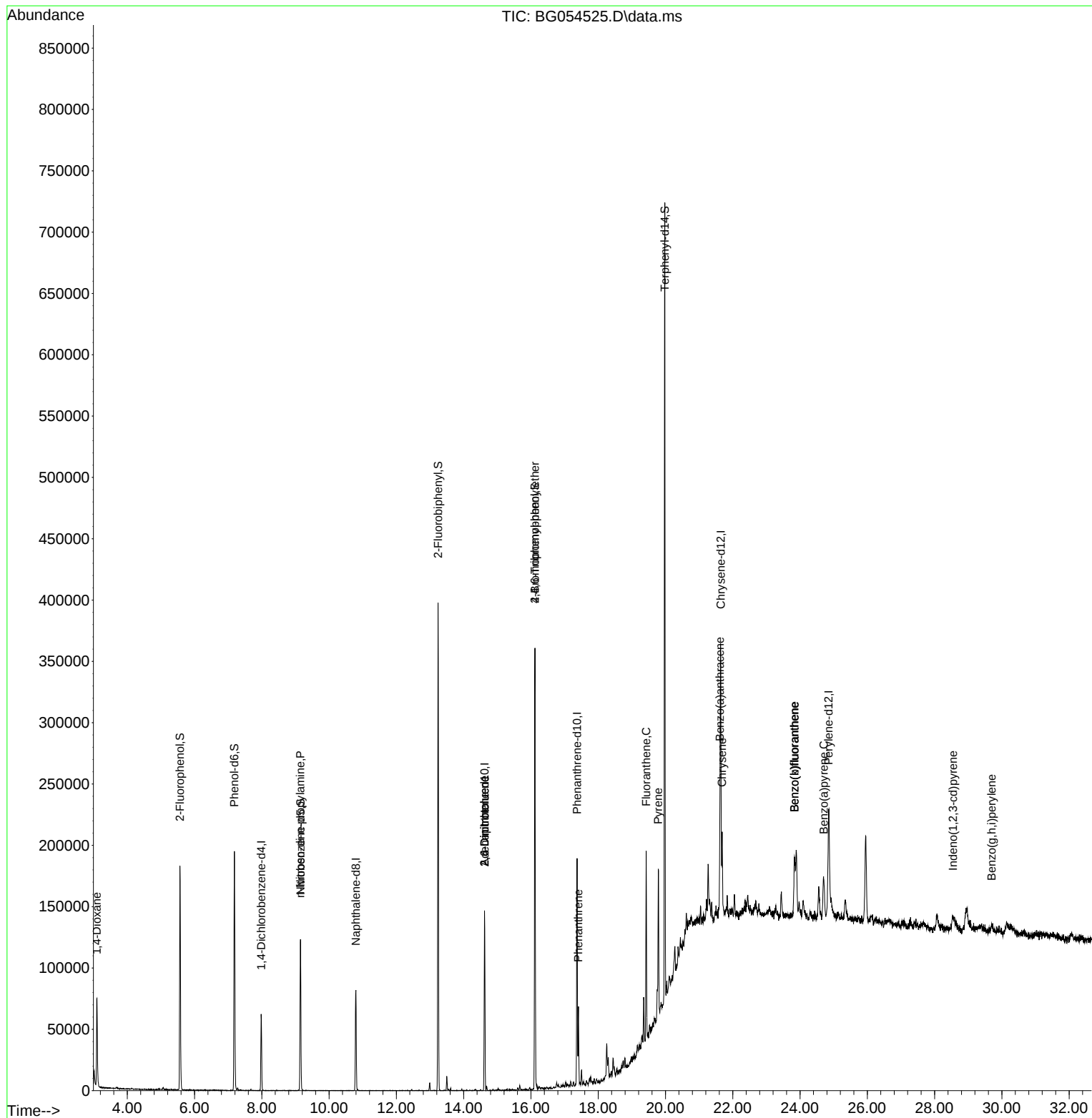
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	19190	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	77416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	57210	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	129061	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	138154	20.000	ng	# 0.00
86) Perylene-d12	24.850	264	127874	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	84578	92.021	ng	0.00
7) Phenol-d6	7.183	99	116571	92.560	ng	0.01
23) Nitrobenzene-d5	9.151	82	78399	55.149	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	96361	80.221	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	227889	56.193	ng	0.00
79) Terphenyl-d14	19.979	244	373919	53.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	865	2.366	ng	# 1
19) n-Nitroso-di-n-propyla...	9.145	70	11163	13.273	ng	# 82
51) 2,6-Dinitrotoluene	14.621	165	8132	8.297	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	8132	5.787	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	5774	3.185	ng	# 1
71) Phenanthrene	17.412	178	43571	6.779	ng	97
75) Fluoranthene	19.427	202	100503	11.471	ng	95
78) Pyrene	19.786	202	88684	11.187	ng	98
81) Benzo(a)anthracene	21.619	228	55736	6.355	ng	96
83) Chrysene	21.683	228	54258	6.549	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.546	276	21748	2.236	ng	# 75
88) Benzo(b)fluoranthene	23.834	252	68340	9.037	ng	95
89) Benzo(k)fluoranthene	23.834	252	68340	9.080	ng	96
90) Benzo(a)pyrene	24.703	252	50270	7.784	ng	# 92
92) Benzo(g,h,i)perylene	29.697	276	18378	2.328	ng	# 85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054525.D
Acq On : 4 Aug 2022 19:11
Operator : CG/JU
Sample : N3930-18RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-110

Quant Time: Aug 05 05:03:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

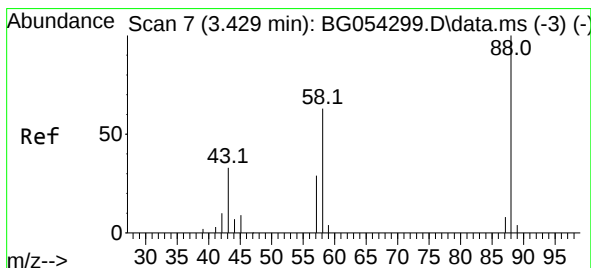
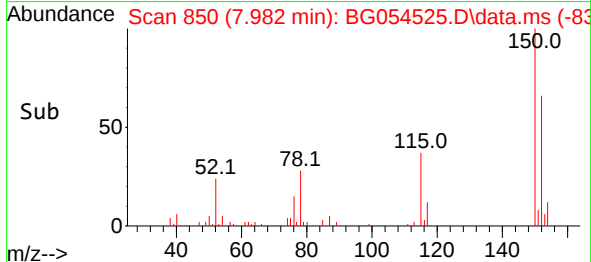
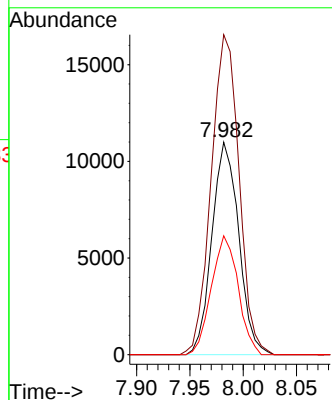
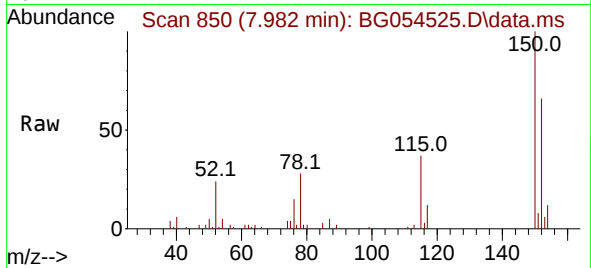




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

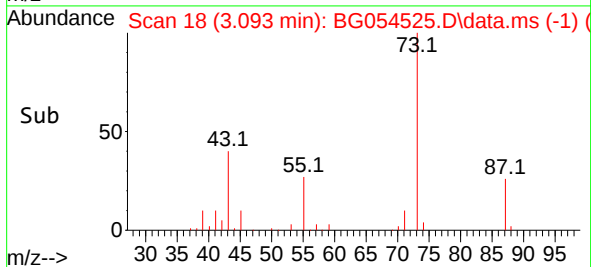
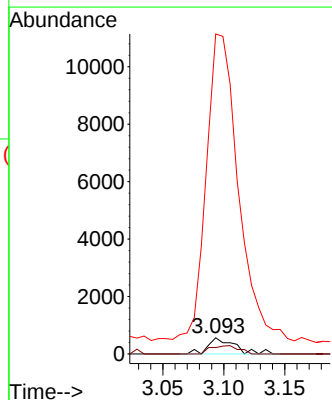
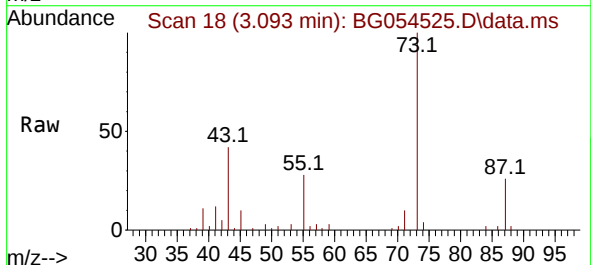
Instrument :
 BNA_G
 ClientSampleId :
 RVE-110

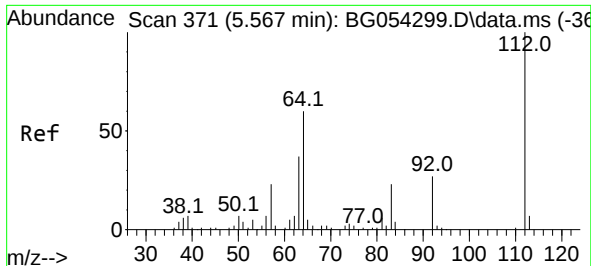
Tgt Ion:152 Resp: 19190
 Ion Ratio Lower Upper
 152 100
 150 150.7 131.6 197.4
 115 55.9 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.366 ng
 RT: 3.093 min Scan# 18
 Delta R.T. -0.324 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

Tgt Ion: 88 Resp: 865
 Ion Ratio Lower Upper
 88 100
 58 53.6 59.2 88.8#
 43 2261.2 24.3 36.5#

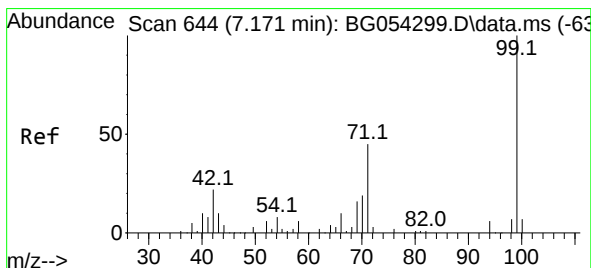
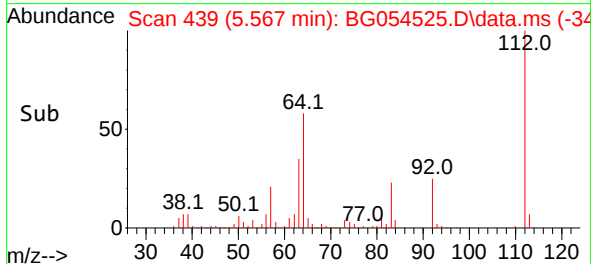
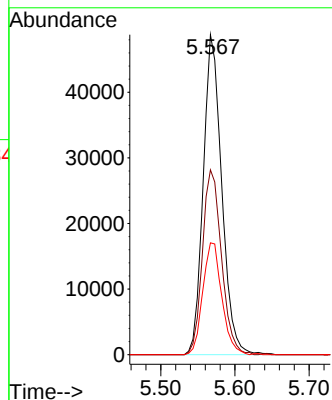
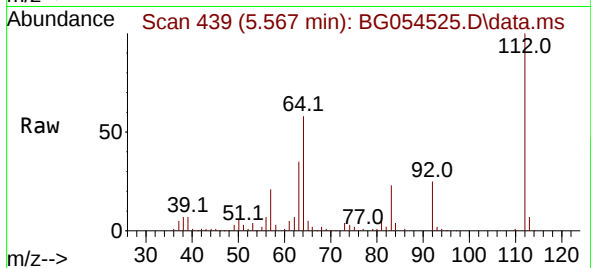




#5
2-Fluorophenol
Concen: 92.021 ng
RT: 5.567 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

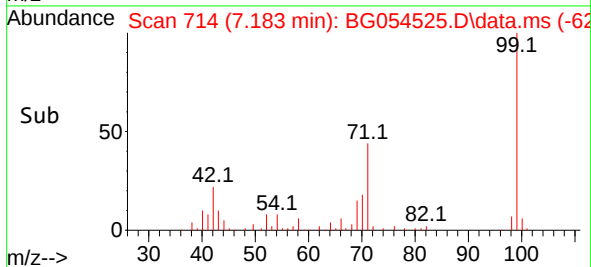
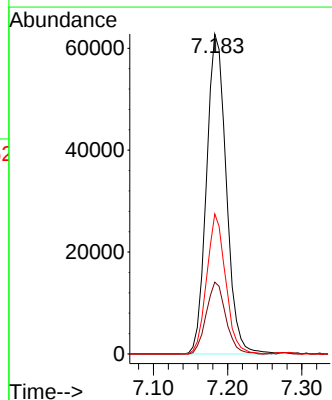
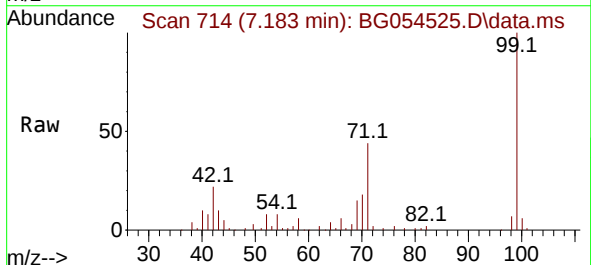
Instrument :
BNA_G
ClientSampleId :
RVE-110

Tgt Ion:112 Resp: 84578
Ion Ratio Lower Upper
112 100
64 57.8 55.1 82.7
63 35.0 30.4 45.6



#7
Phenol-d6
Concen: 92.560 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.011 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion: 99 Resp: 116571
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 43.8 33.8 50.8

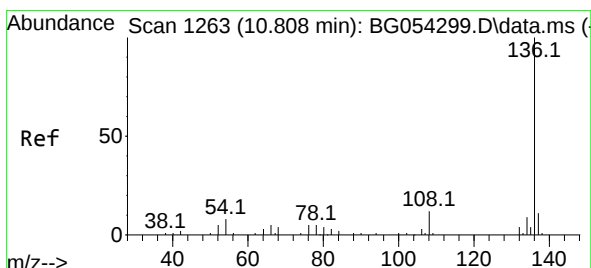
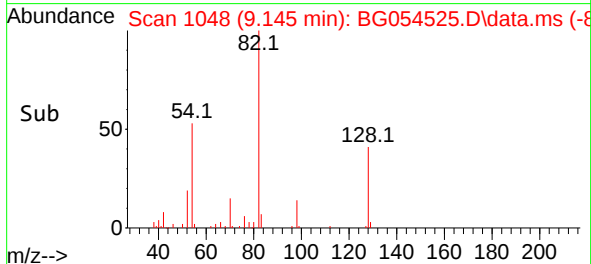
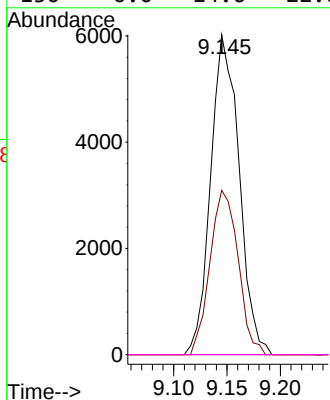
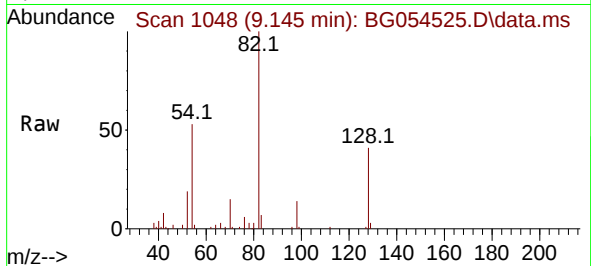




#19
n-Nitroso-di-n-propylamine
Concen: 13.273 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

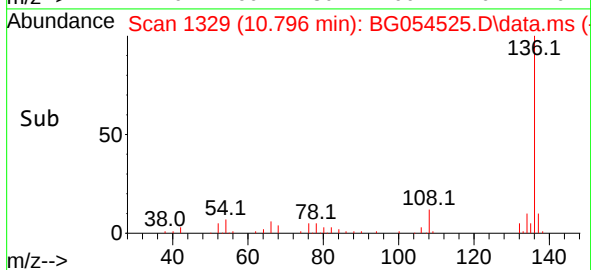
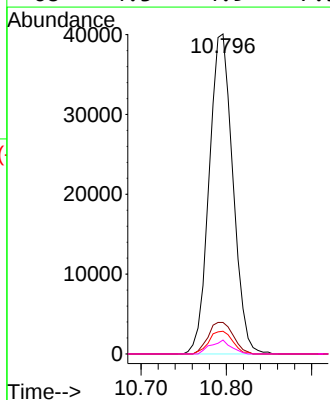
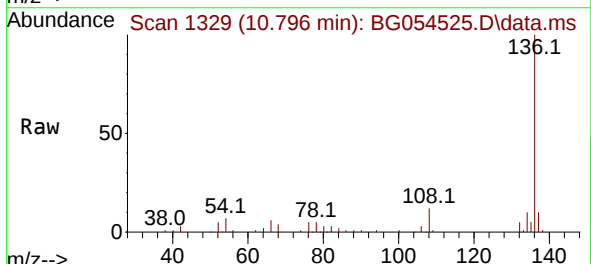
Instrument :
BNA_G
ClientSampleId :
RVE-110

Tgt Ion: 70	Resp: 11163
Ion Ratio	Lower Upper
70	100
42	51.3 47.3 70.9
101	0.0 7.0 10.4#
130	0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion: 136	Resp: 77416
Ion Ratio	Lower Upper
136	100
137	9.8 8.5 12.7
54	7.1 7.4 11.2#
68	4.3 4.9 7.3#

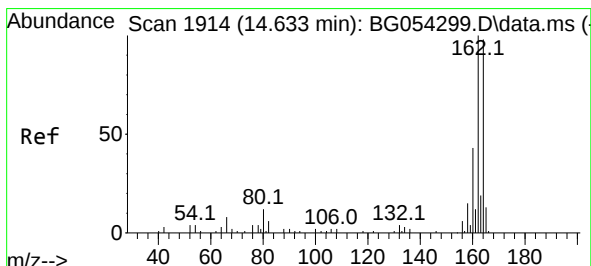
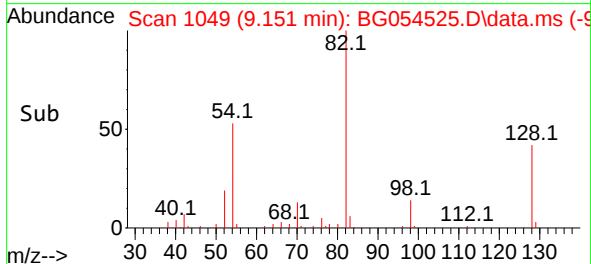
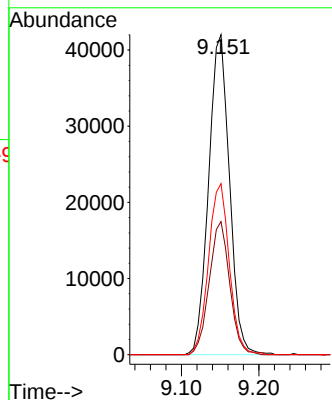
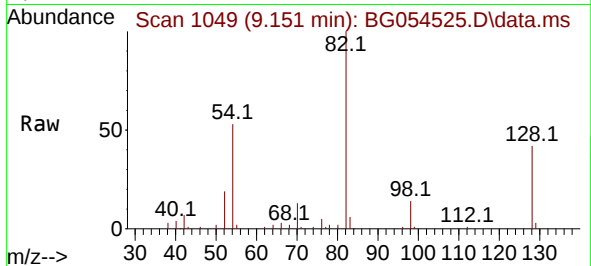




#23
Nitrobenzene-d5
Concen: 55.149 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

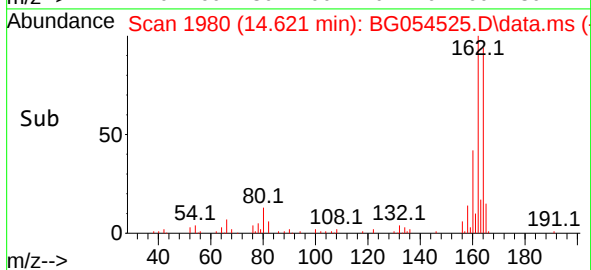
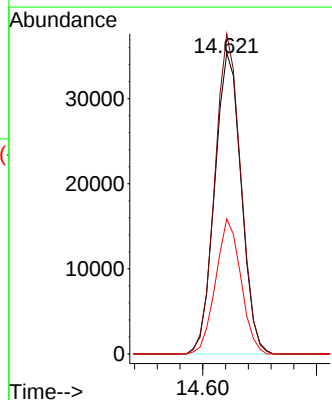
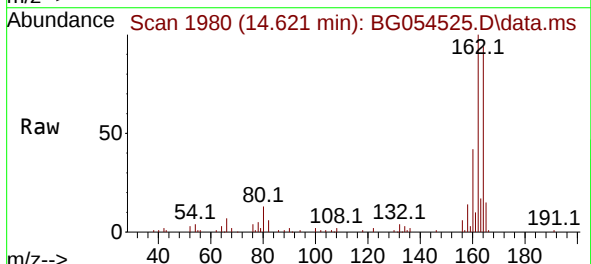
Instrument :
BNA_G
ClientSampleId :
RVE-110

Tgt Ion: 82 Resp: 78399
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 53.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:164 Resp: 57210
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 44.9 34.2 51.2

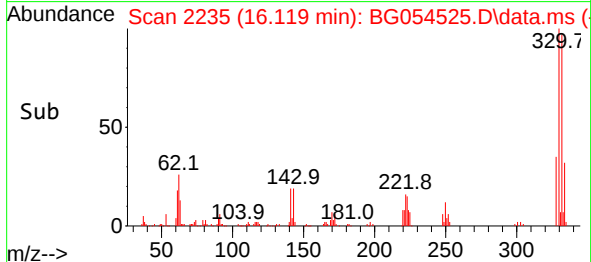
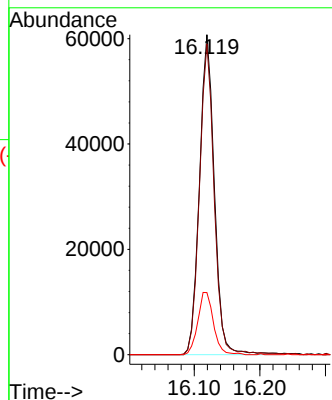
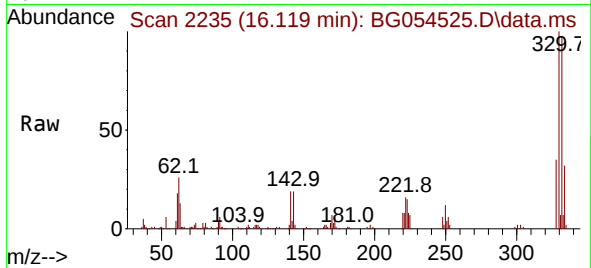




#42
 2,4,6-Tribromophenol
 Concen: 80.221 ng
 RT: 16.119 min Scan# 2168
 Delta R.T. 0.005 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

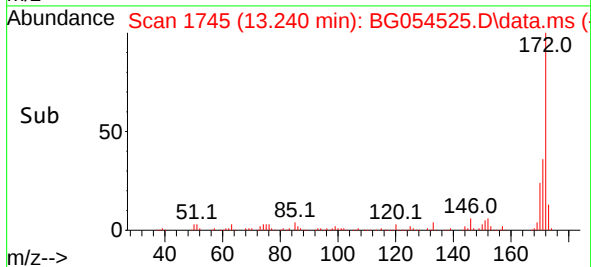
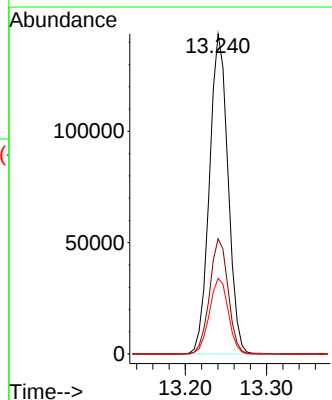
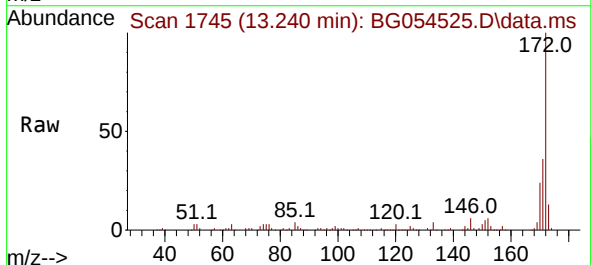
Instrument :
 BNA_G
 ClientSampleId :
 RVE-110

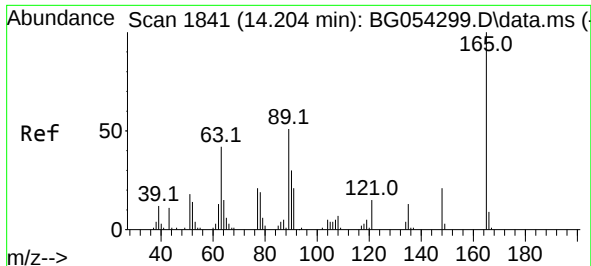
Tgt Ion:330 Resp: 96361
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 20.4 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 56.193 ng
 RT: 13.240 min Scan# 1745
 Delta R.T. -0.007 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

Tgt Ion:172 Resp: 227889
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 23.7 18.9 28.3

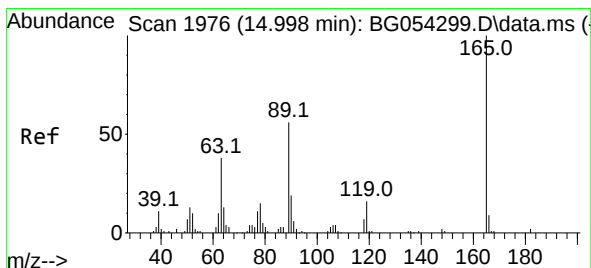
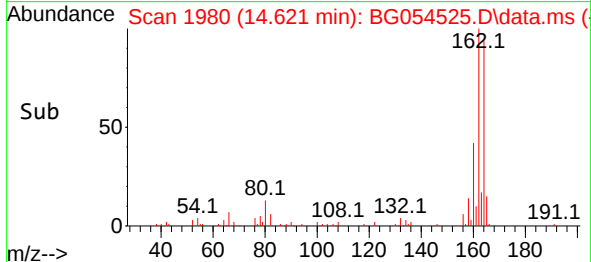
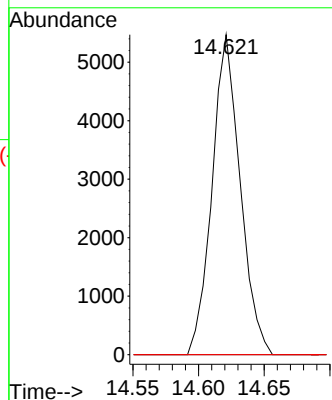
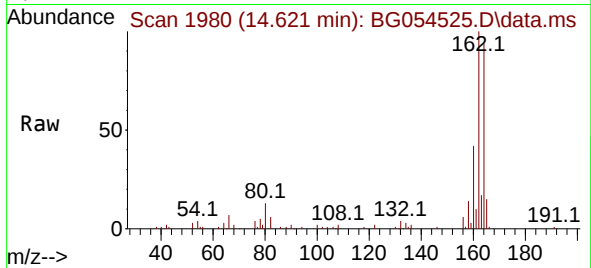




#51
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

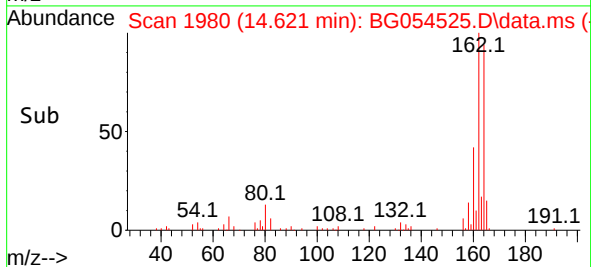
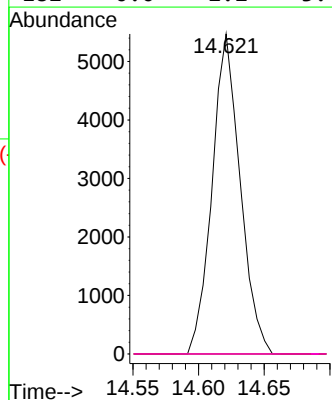
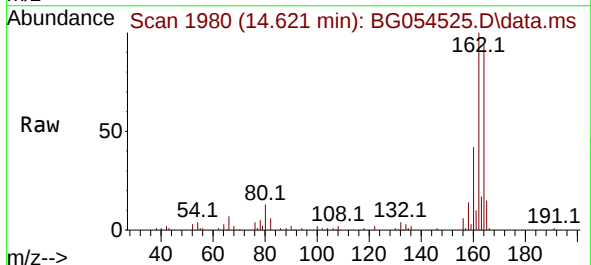
Instrument :
BNA_G
ClientSampleId :
RVE-110

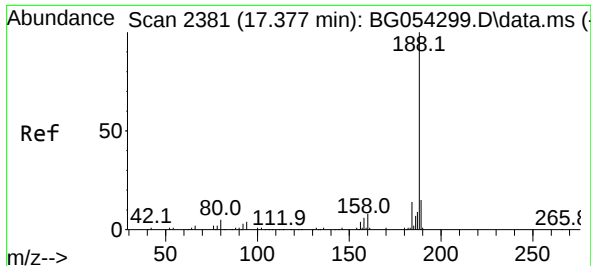
Tgt Ion:165 Resp: 8132
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:165 Resp: 8132
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

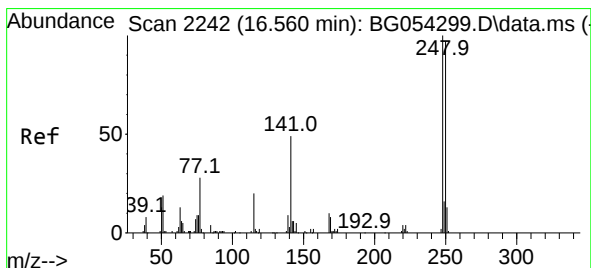
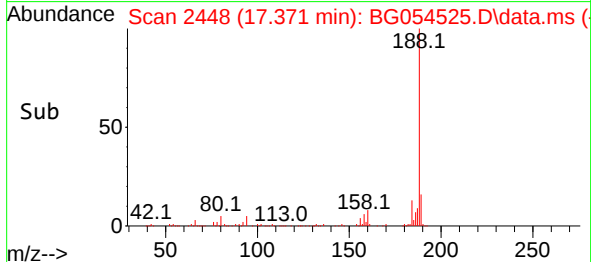
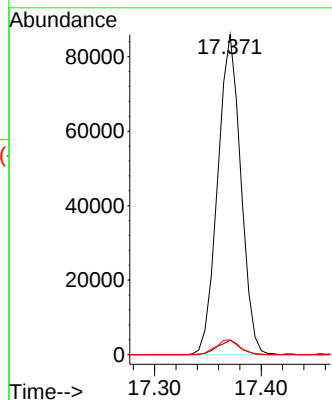
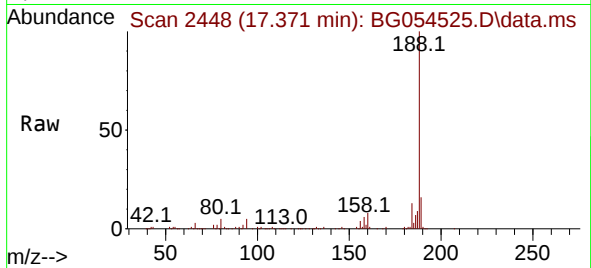




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

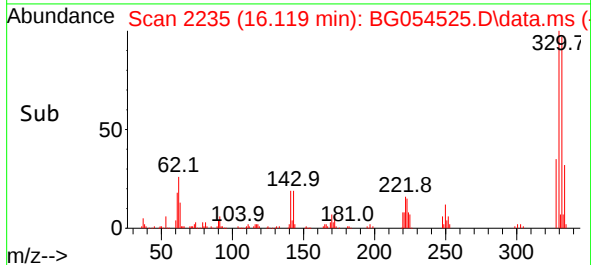
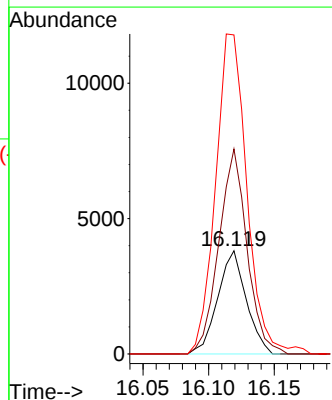
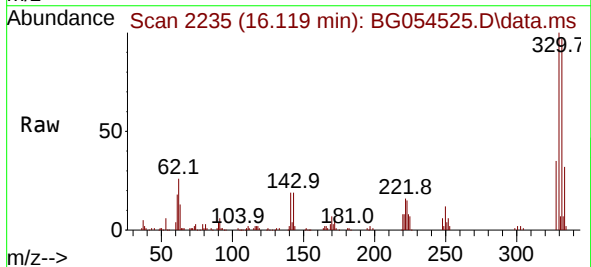
Instrument :
BNA_G
ClientSampleId :
RVE-110

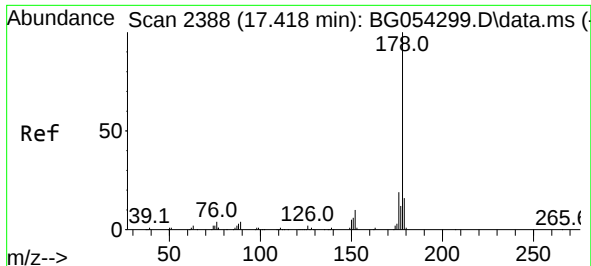
Tgt Ion:188 Resp: 129061
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 4.6 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.185 ng
RT: 16.119 min Scan# 2235
Delta R.T. -0.436 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:248 Resp: 5774
Ion Ratio Lower Upper
248 100
250 150.6 75.2 112.8#
141 234.4 50.0 75.0#

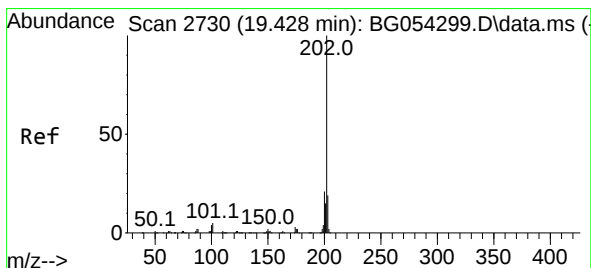
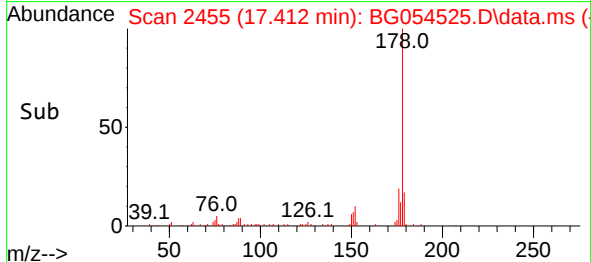
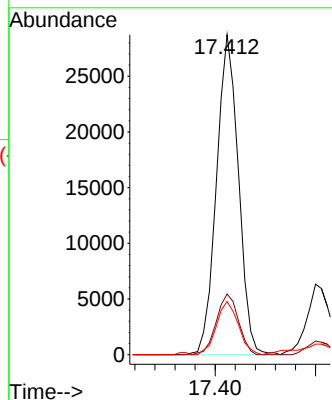
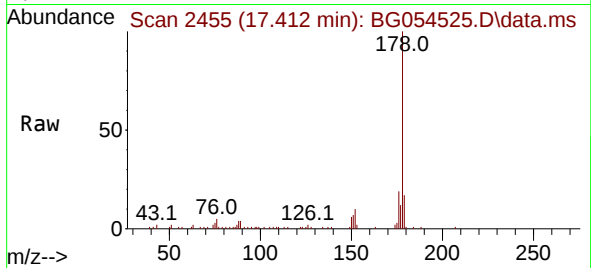




#71
Phenanthrene
Concen: 6.779 ng
RT: 17.412 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

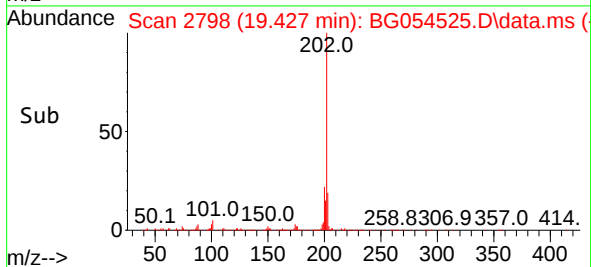
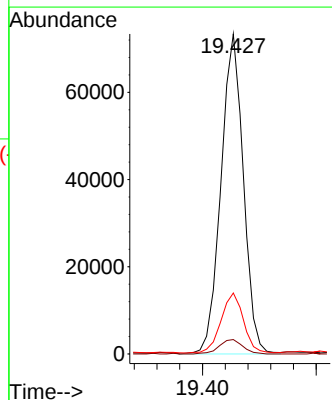
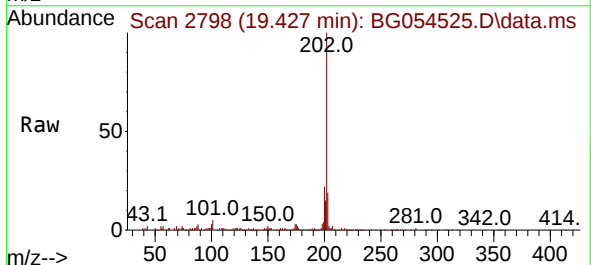
Instrument :
BNA_G
ClientSampleId :
RVE-110

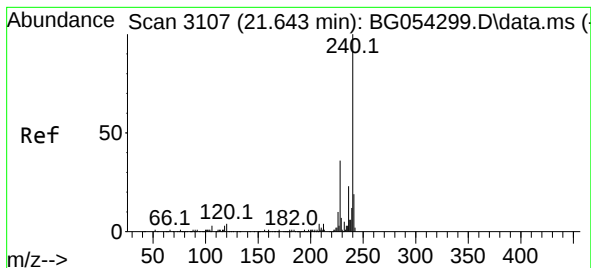
Tgt Ion:178 Resp: 43571
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 16.6 12.1 18.1



#75
Fluoranthene
Concen: 11.471 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:202 Resp: 100503
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 19.1 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG054525.D

Acq: 4 Aug 2022 19:11

Instrument :

BNA_G

ClientSampleId :

RVE-110

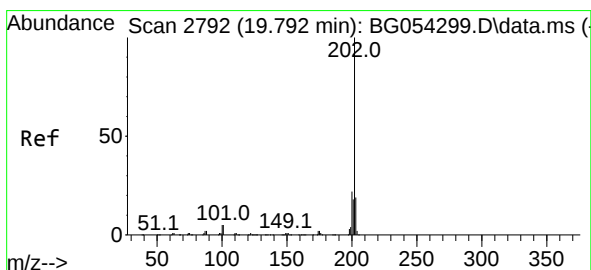
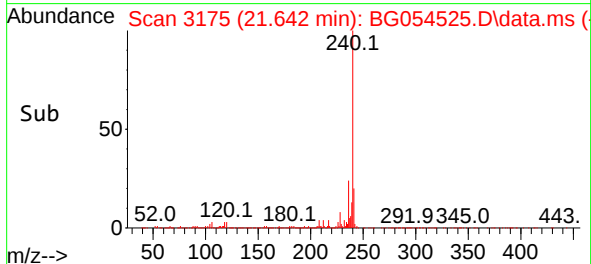
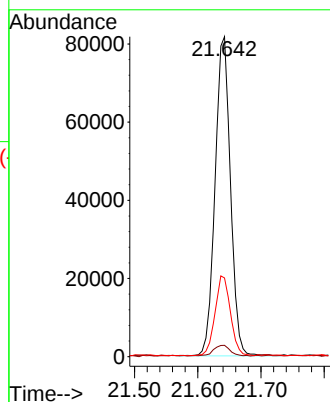
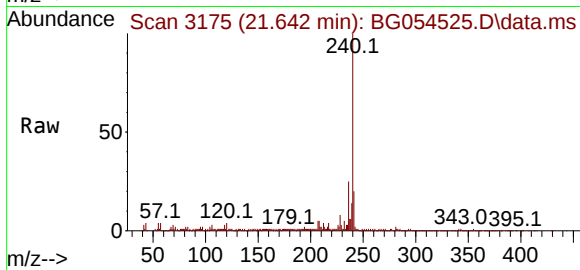
Tgt Ion:240 Resp: 138154

Ion Ratio Lower Upper

240 100

120 3.6 4.6 7.0#

236 24.6 20.2 30.4



#78

Pyrene

Concen: 11.187 ng

RT: 19.786 min Scan# 2859

Delta R.T. -0.001 min

Lab File: BG054525.D

Acq: 4 Aug 2022 19:11

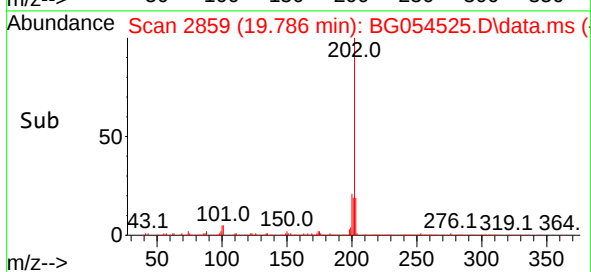
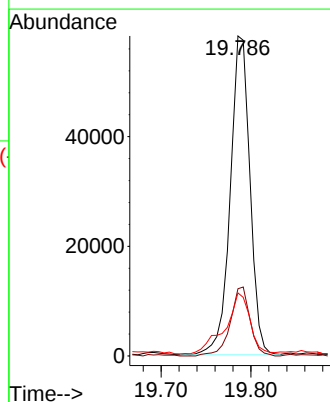
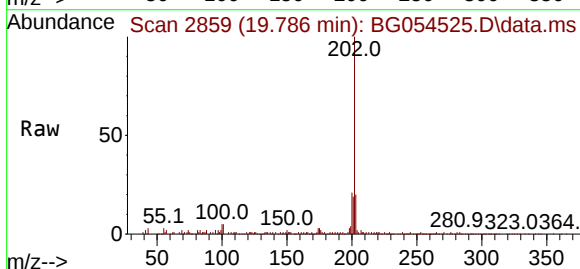
Tgt Ion:202 Resp: 88684

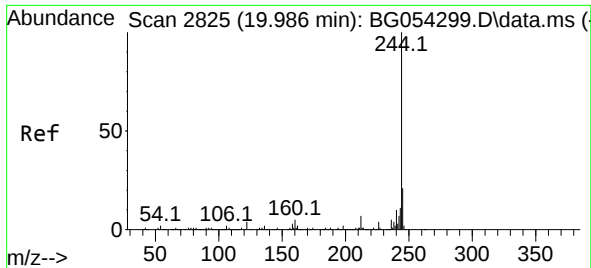
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 19.7 14.6 21.8

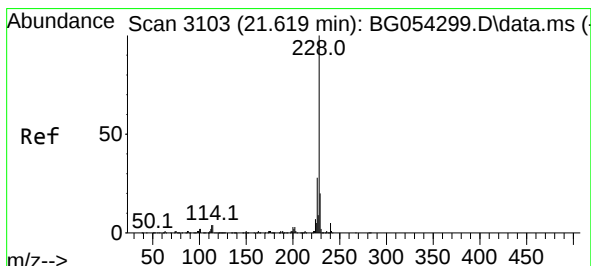
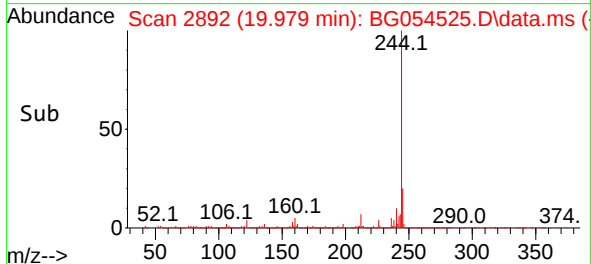
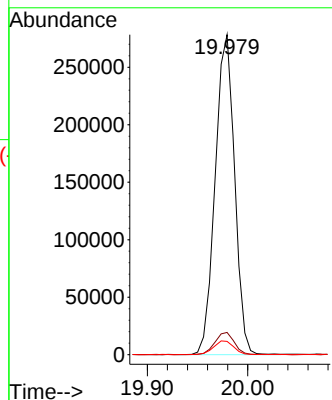
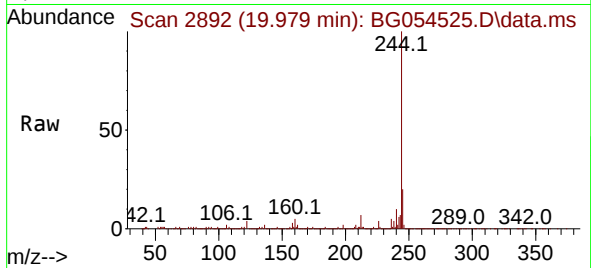




#79
 Terphenyl-d14
 Concen: 53.692 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

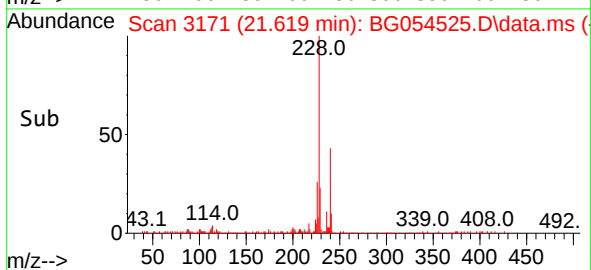
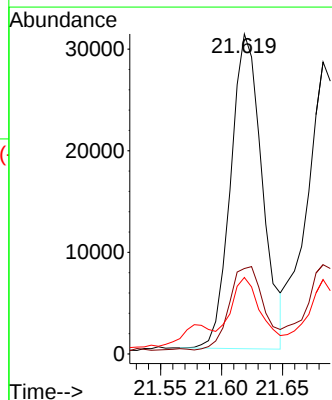
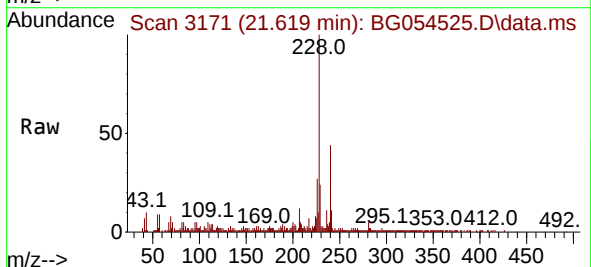
Instrument :
 BNA_G
 ClientSampleId :
 RVE-110

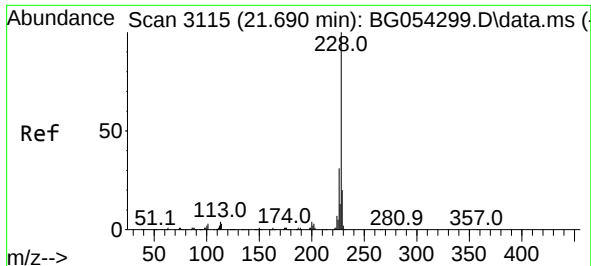
Tgt Ion:244 Resp: 373919
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.2 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 6.355 ng
 RT: 21.619 min Scan# 3171
 Delta R.T. 0.005 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

Tgt Ion:228 Resp: 55736
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.6 32.4
 229 23.9 16.2 24.2

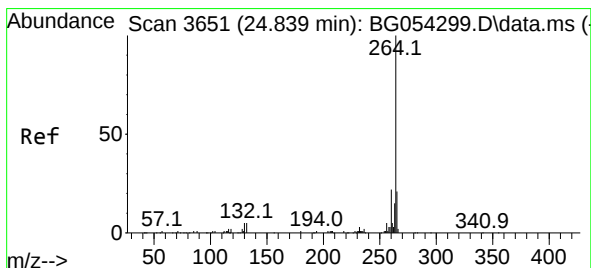
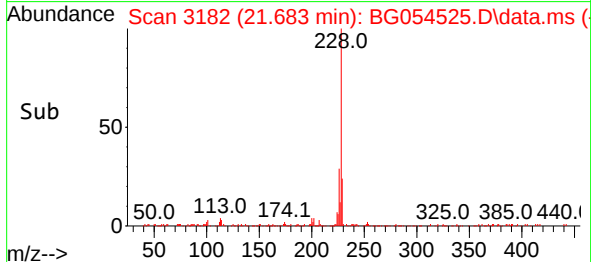
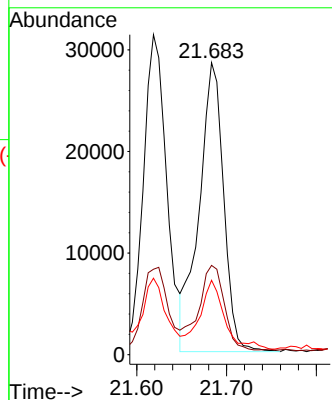
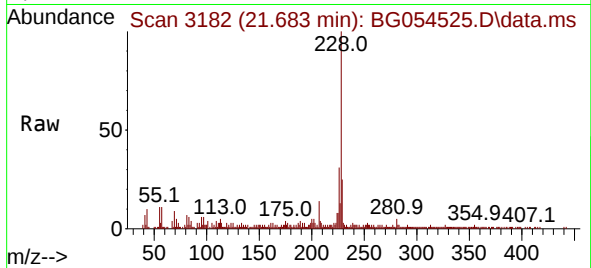




#83
Chrysene
Concen: 6.549 ng
RT: 21.683 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

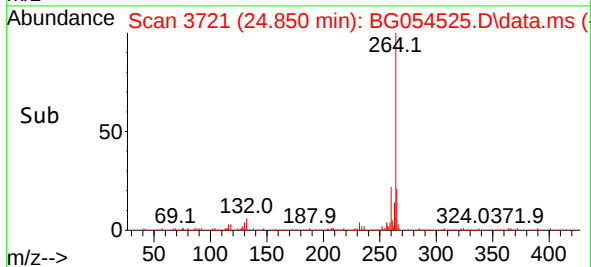
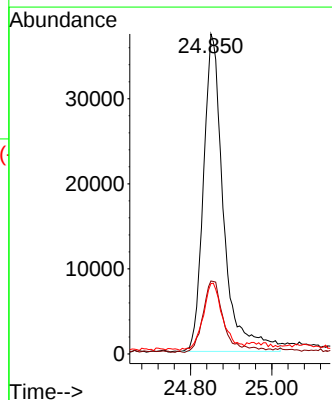
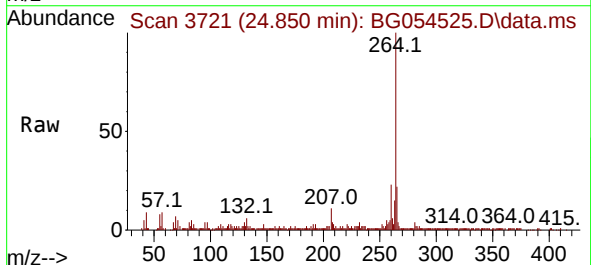
Instrument :
BNA_G
ClientSampleId :
RVE-110

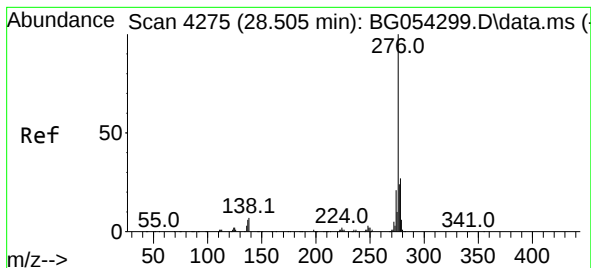
Tgt Ion:228 Resp: 54258
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 25.5 15.5 23.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.850 min Scan# 3721
Delta R.T. 0.017 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:264 Resp: 127874
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.236 ng

RT: 28.546 min Scan# 41

Delta R.T. 0.029 min

Lab File: BG054525.D

Acq: 4 Aug 2022 19:11

Instrument :

BNA_G

ClientSampleId :

RVE-110

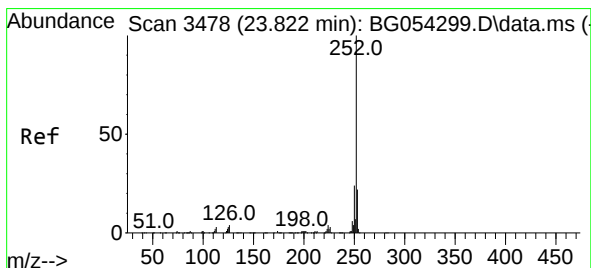
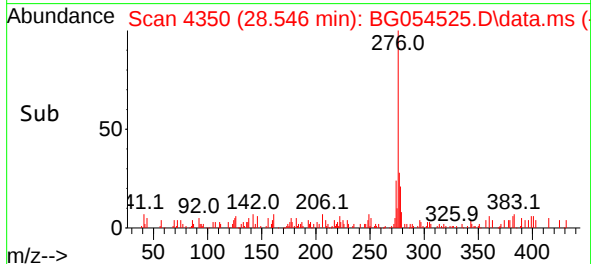
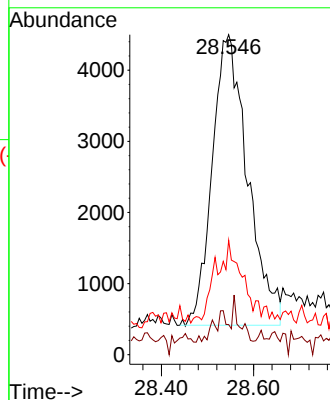
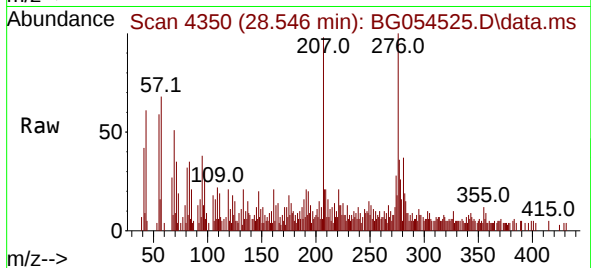
Tgt Ion:276 Resp: 21748

Ion Ratio Lower Upper

276 100

138 3.0 5.0 7.4#

277 11.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 9.037 ng

RT: 23.834 min Scan# 3548

Delta R.T. 0.011 min

Lab File: BG054525.D

Acq: 4 Aug 2022 19:11

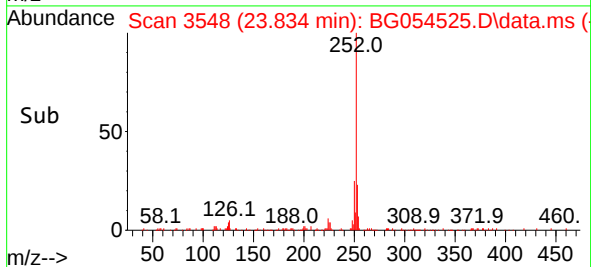
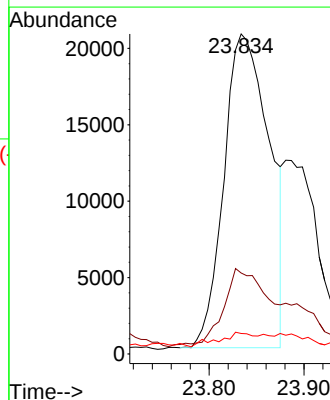
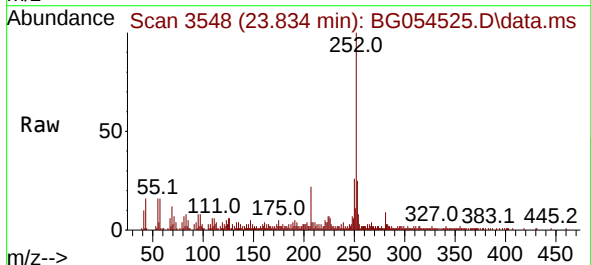
Tgt Ion:252 Resp: 68340

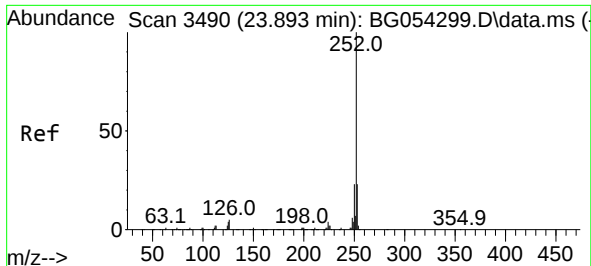
Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

125 6.4 4.6 6.8

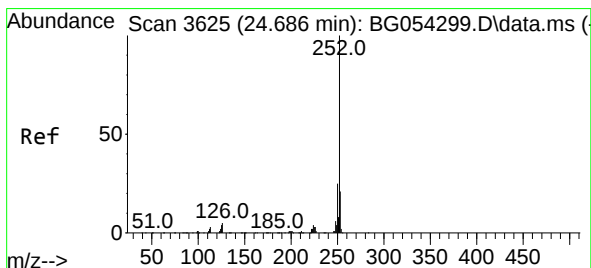
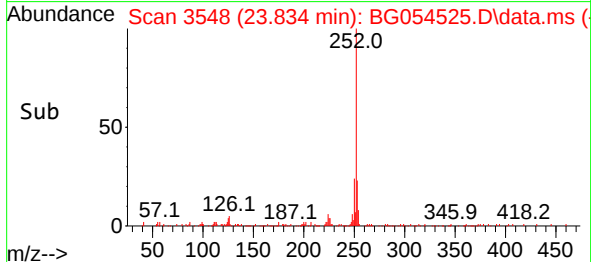
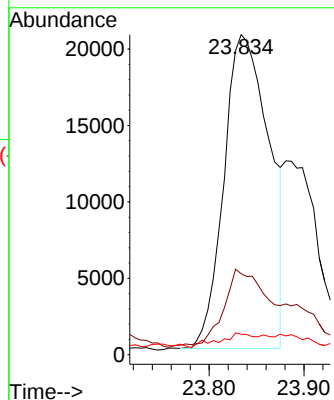
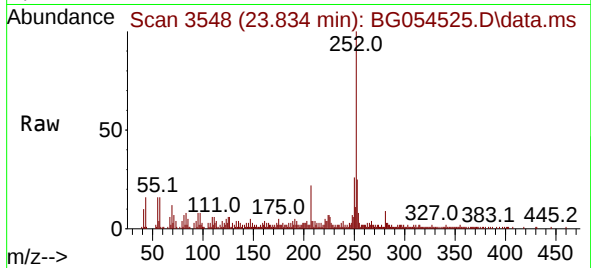




#89
Benzo(k)fluoranthene
Concen: 9.080 ng
RT: 23.834 min Scan# 31
Delta R.T. -0.054 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

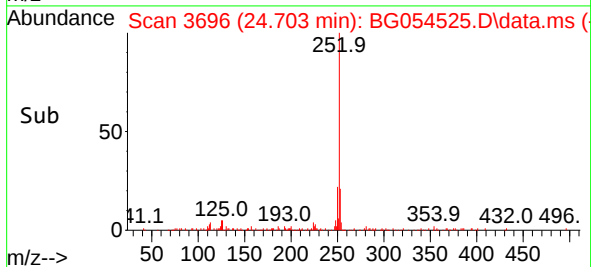
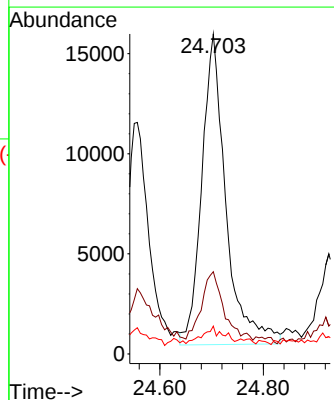
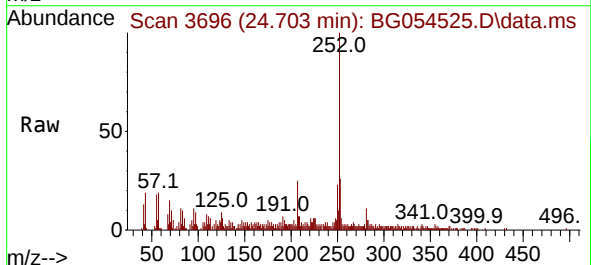
Instrument :
BNA_G
ClientSampleId :
RVE-110

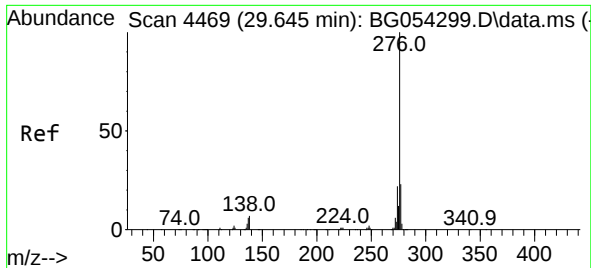
Tgt Ion:252 Resp: 68340
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 6.4 4.8 7.2



#90
Benzo(a)pyrene
Concen: 7.784 ng
RT: 24.703 min Scan# 3696
Delta R.T. 0.017 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

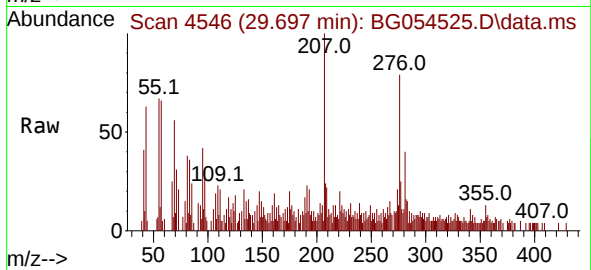
Tgt Ion:252 Resp: 50270
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 8.7 4.3 6.5#





#92
 Benzo(g,h,i)perylene
 Concen: 2.328 ng
 RT: 29.697 min Scan# 4
 Delta R.T. 0.034 min
 Lab File: BG054525.D
 Acq: 4 Aug 2022 19:11

Instrument :
 BNA_G
 ClientSampleId :
 RVE-110



Tgt Ion:276 Resp: 18378
 Ion Ratio Lower Upper
 276 100
 277 31.8 17.3 25.9#
 138 11.0 9.6 14.4

