

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053012.D
 Acq On : 4 Apr 2022 17:46
 Operator : CG/JU
 Sample : N2220-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A09145

Quant Time: Apr 05 01:07:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

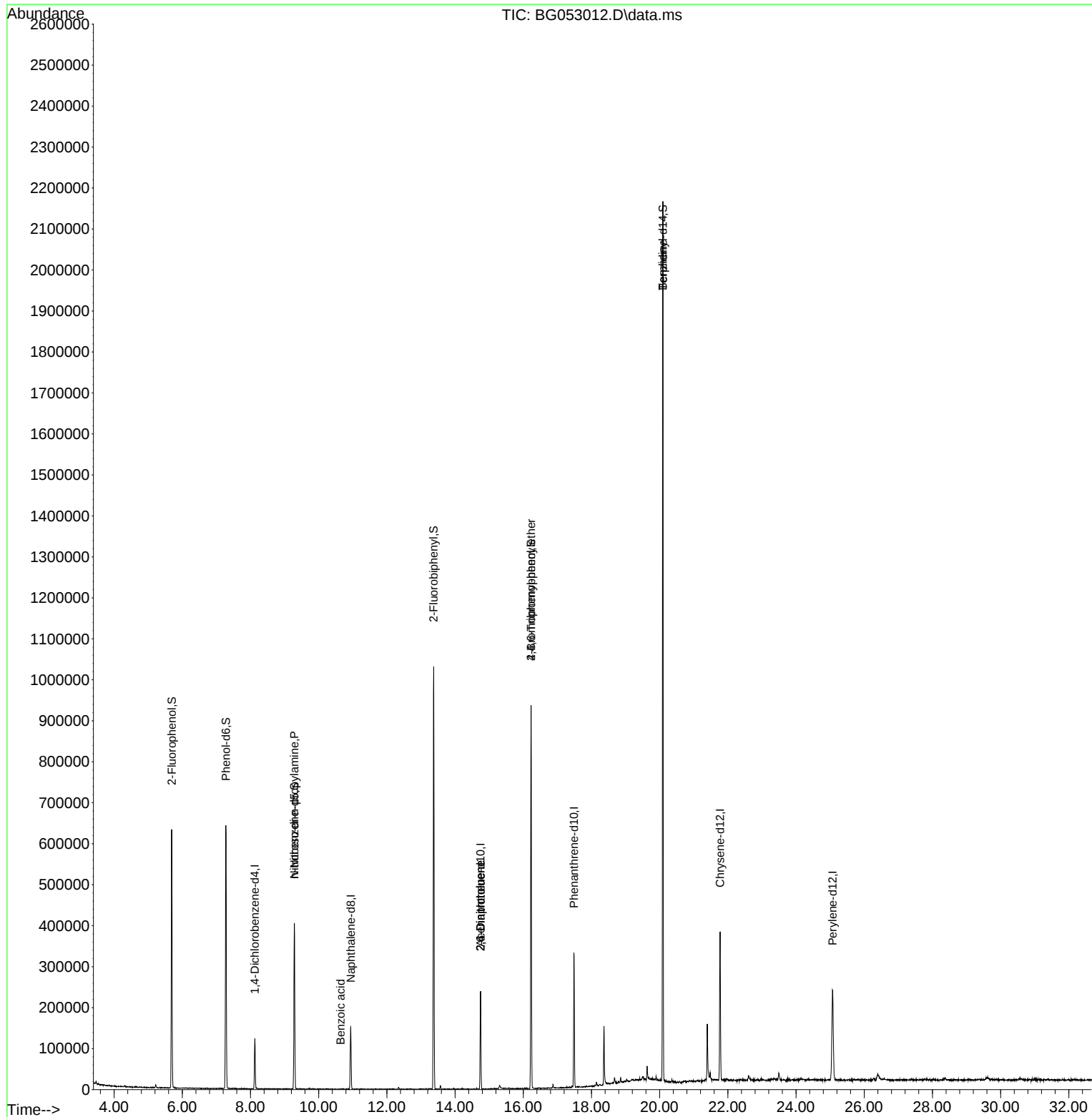
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	32340	20.000	ng	-0.02
21) Naphthalene-d8	10.942	136	125863	20.000	ng	-0.02
39) Acenaphthene-d10	14.748	164	87228	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	210206	20.000	ng	-0.02
76) Chrysene-d12	21.774	240	242267	20.000	ng	-0.02
86) Perylene-d12	25.070	264	247659	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	245513	132.209	ng	0.00
7) Phenol-d6	7.276	99	351940	125.709	ng	-0.01
23) Nitrobenzene-d5	9.285	82	255877	102.036	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	177483	151.422	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	529882	89.592	ng	-0.02
79) Terphenyl-d14	20.094	244	1072875	78.776	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.288	77	669	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.285	70	36888	18.604	ng	# 78
32) Benzoic acid	10.642	122	77	5.724	ng	# 1
51) 2,6-Dinitrotoluene	14.742	165	11125	10.164	ng	# 24
57) 2,4-Dinitrotoluene	14.742	165	11125	7.325	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	12365	4.879	ng	# 1
77) Benzidine	20.094	184	19846	3.176	ng	# 94

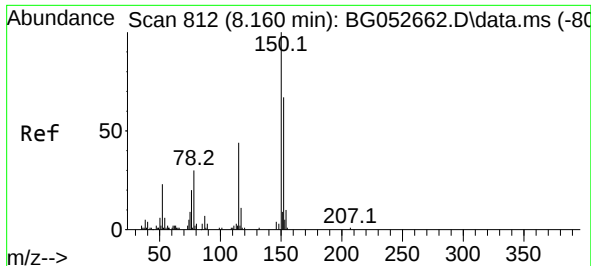
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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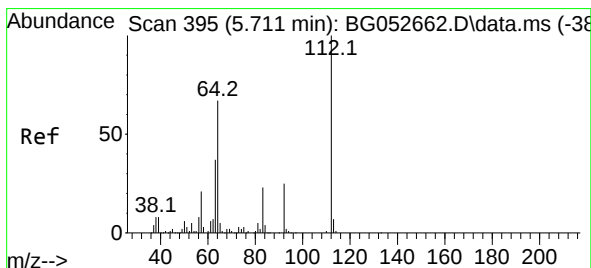
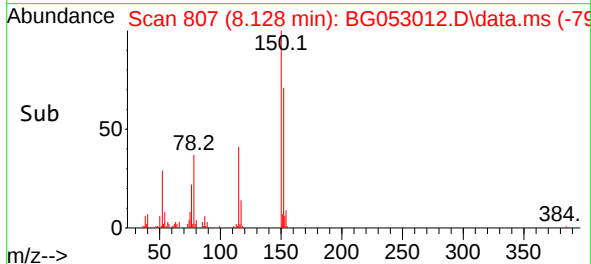
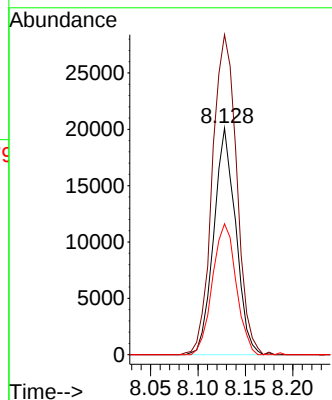
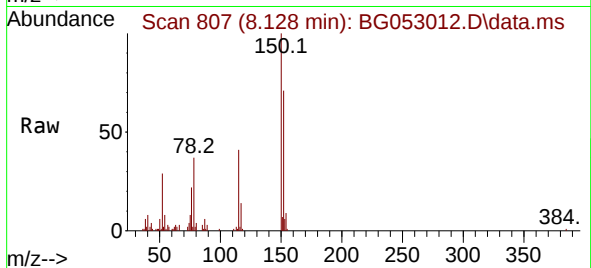




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

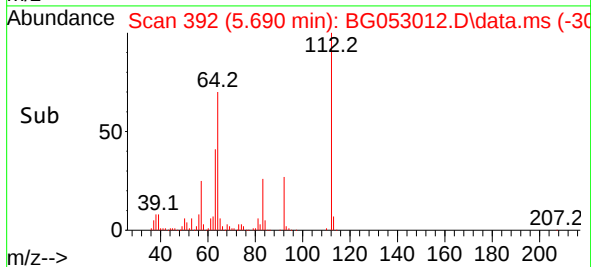
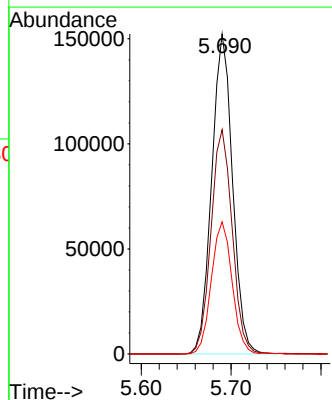
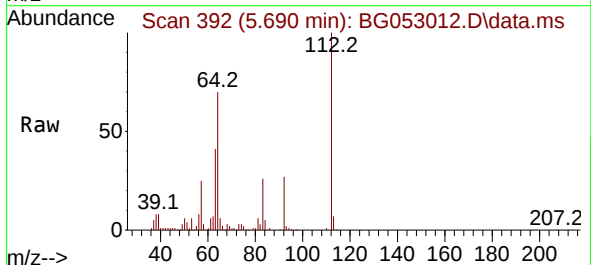
Instrument :
BNA_G
ClientSampleId :
A09145

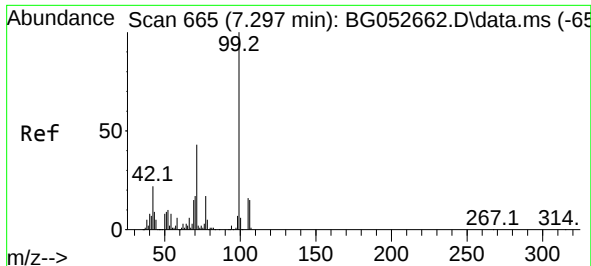
Tgt Ion:152 Resp: 32340
Ion Ratio Lower Upper
152 100
150 141.3 114.6 172.0
115 57.8 45.9 68.9



#5
2-Fluorophenol
Concen: 132.209 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:112 Resp: 245513
Ion Ratio Lower Upper
112 100
64 70.1 48.0 72.0
63 41.3 26.5 39.7#

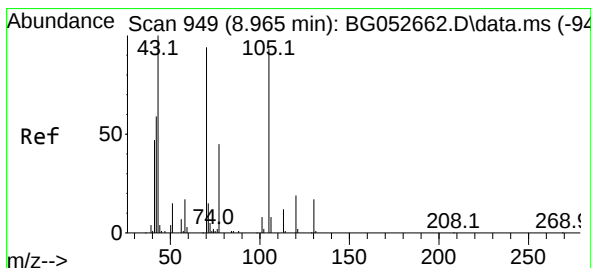
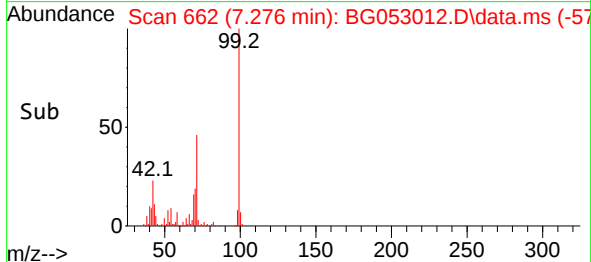
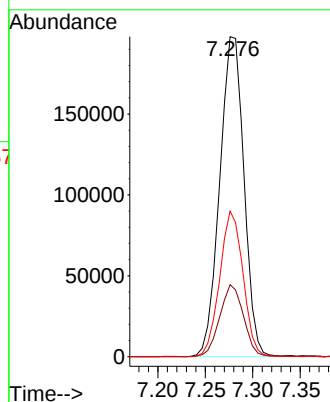
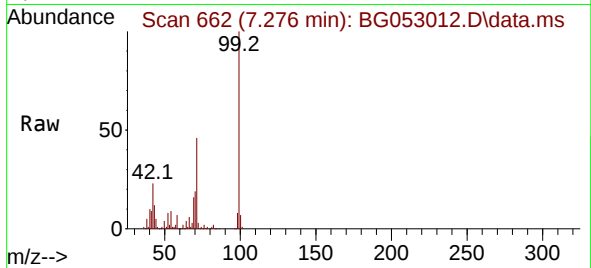




#7
Phenol-d6
Concen: 125.709 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

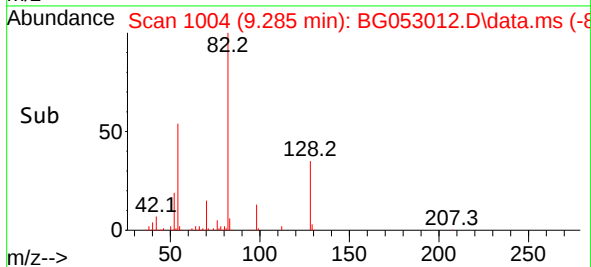
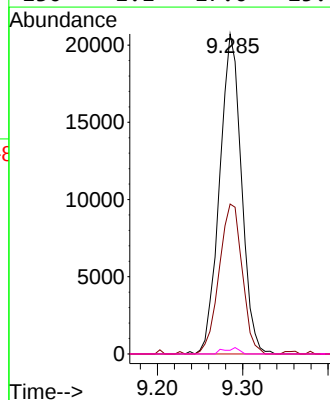
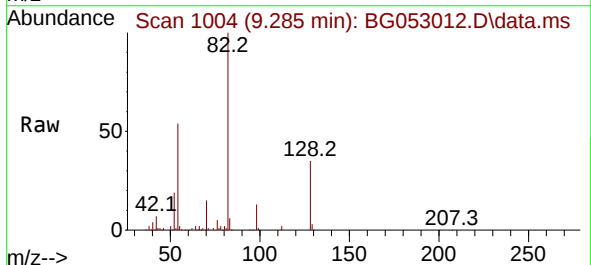
Instrument :
BNA_G
ClientSampleId :
A09145

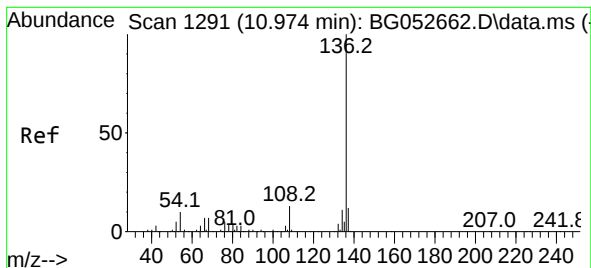
Tgt Ion: 99 Resp: 351940
Ion Ratio Lower Upper
99 100
42 22.5 14.7 22.1#
71 45.5 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.604 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion: 70 Resp: 36888
Ion Ratio Lower Upper
70 100
42 46.8 46.0 69.0
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.942 min Scan# 11

Delta R.T. -0.018 min

Lab File: BG053012.D

Acq: 4 Apr 2022 17:46

Instrument :

BNA_G

ClientSampleId :

A09145

Tgt Ion:136 Resp: 125863

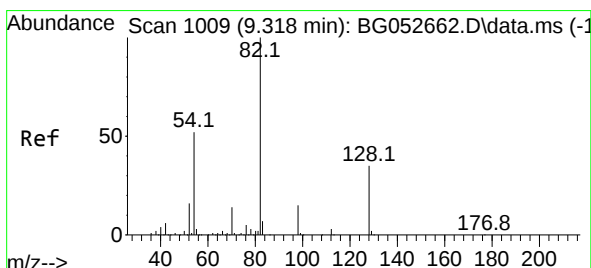
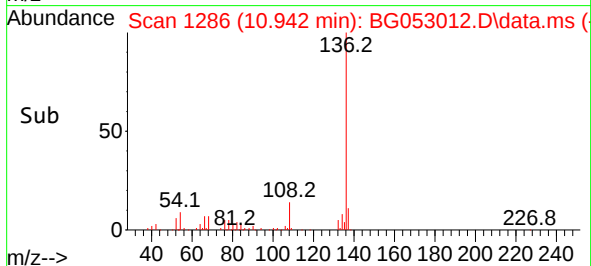
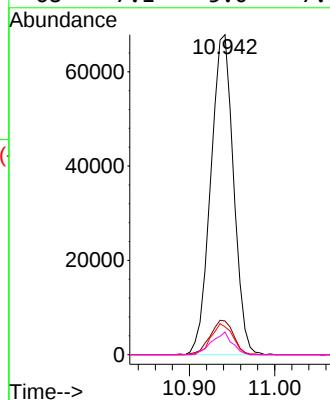
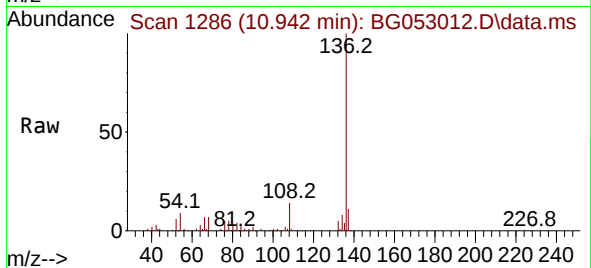
Ion Ratio Lower Upper

136 100

137 10.5 9.4 14.2

54 8.7 6.4 9.6

68 7.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 102.036 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053012.D

Acq: 4 Apr 2022 17:46

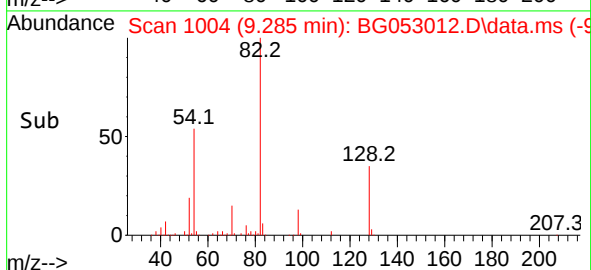
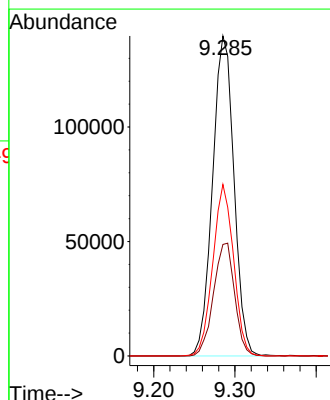
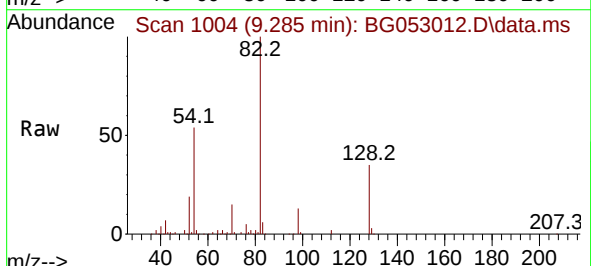
Tgt Ion: 82 Resp: 255877

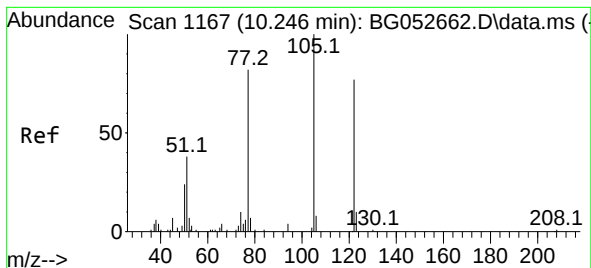
Ion Ratio Lower Upper

82 100

128 34.9 31.3 46.9

54 53.6 37.8 56.8

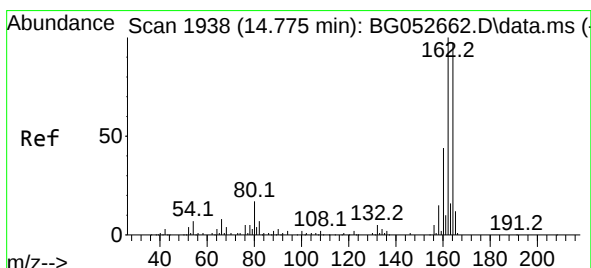
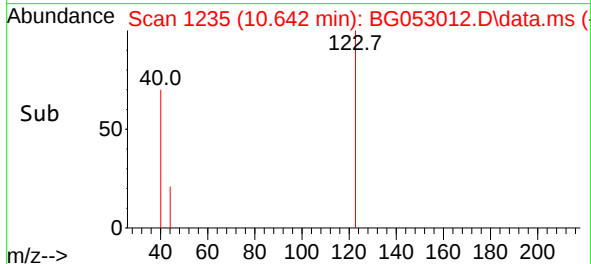
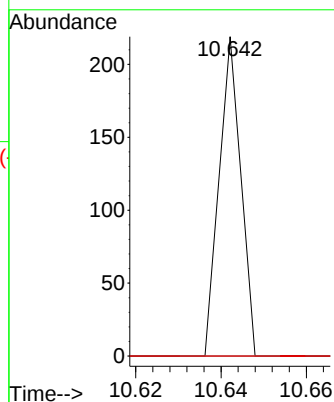
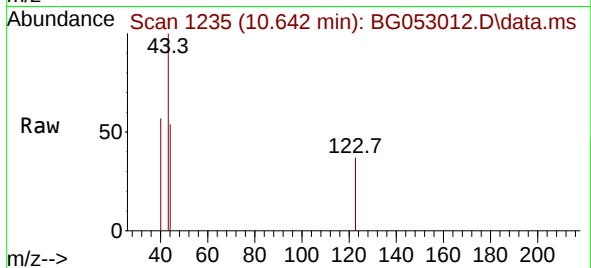




#32
Benzoic acid
Concen: 5.724 ng
RT: 10.642 min Scan# 1167
Delta R.T. 0.405 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

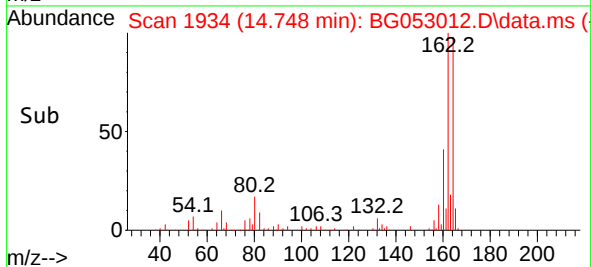
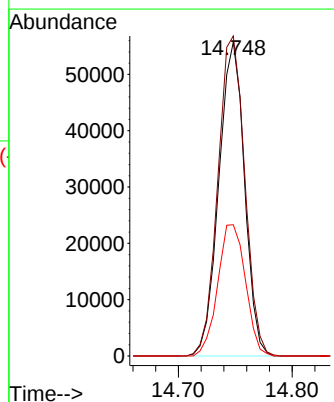
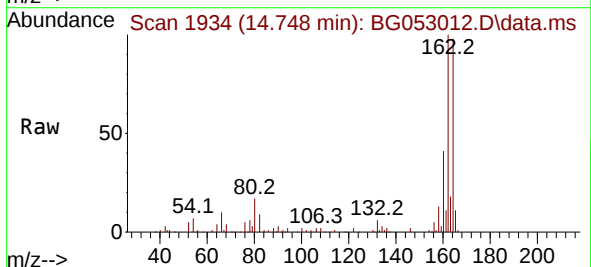
Instrument :
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ClientSampleId :
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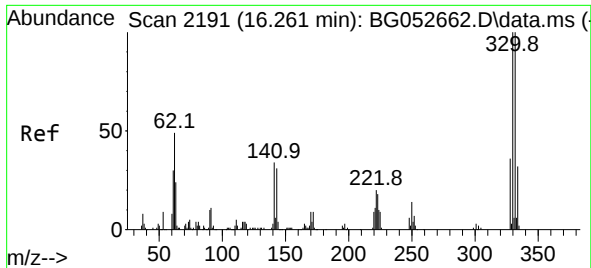
Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:164 Resp: 87228
Ion Ratio Lower Upper
164 100
162 102.0 80.0 120.0
160 41.8 38.8 58.2

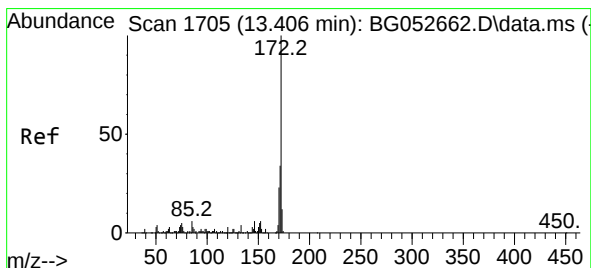
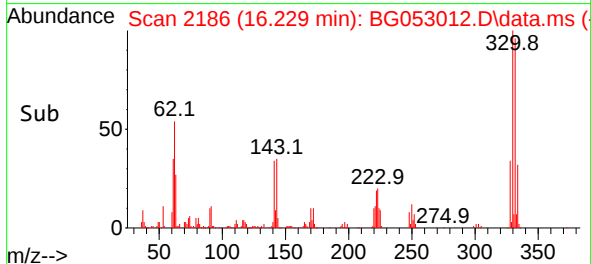
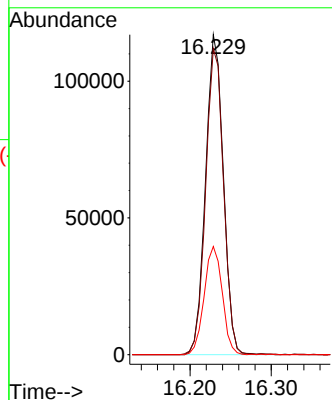
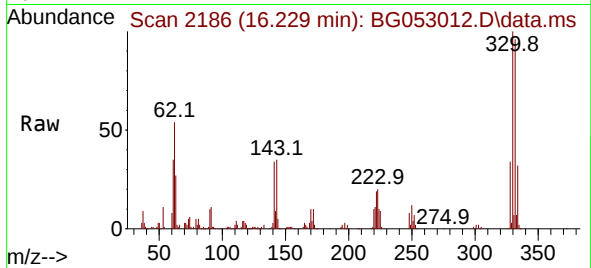




#42
2,4,6-Tribromophenol
Concen: 151.422 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

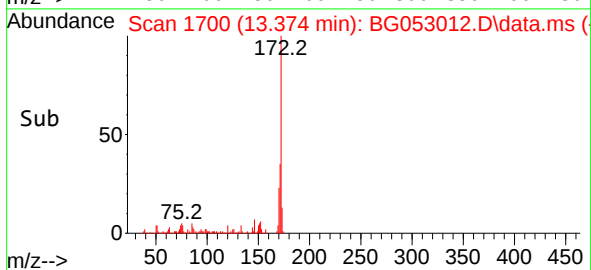
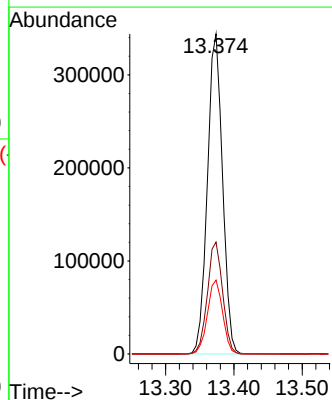
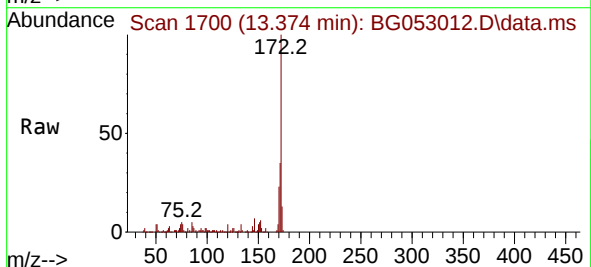
Instrument :
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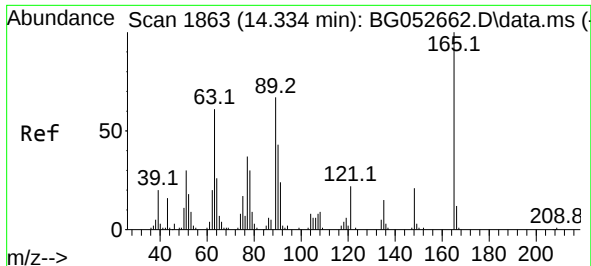
Tgt Ion:330 Resp: 177483
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 34.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 89.592 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:172 Resp: 529882
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.1 18.0 27.0

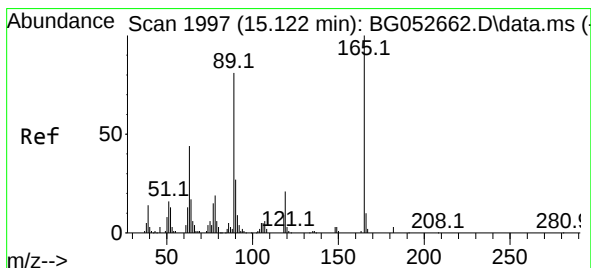
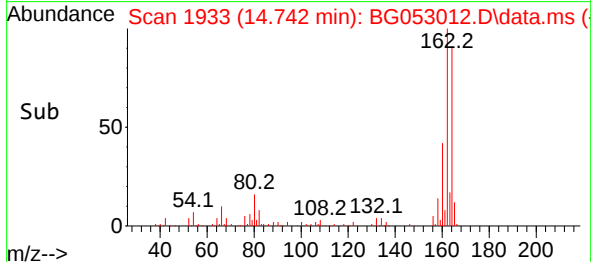
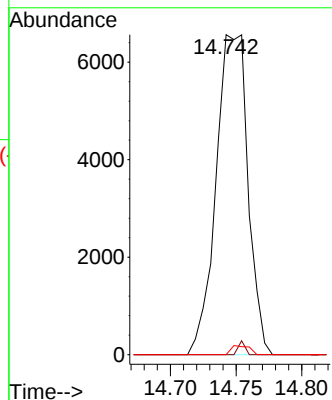
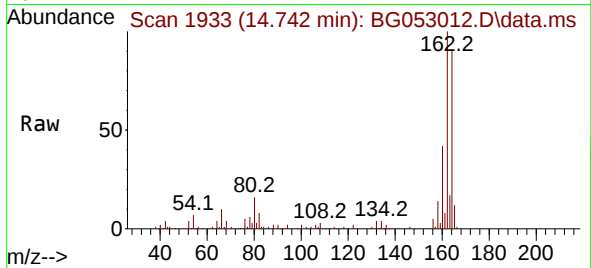




#51
2,6-Dinitrotoluene
Concen: 10.164 ng
RT: 14.742 min Scan# 1933
Delta R.T. 0.416 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

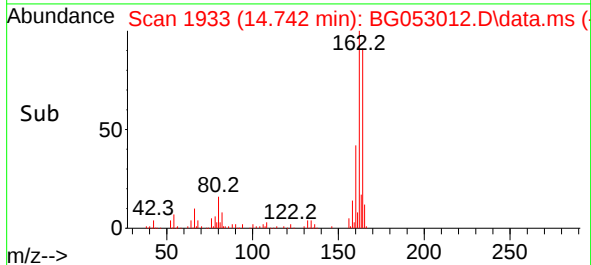
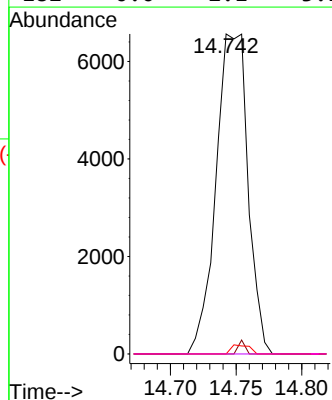
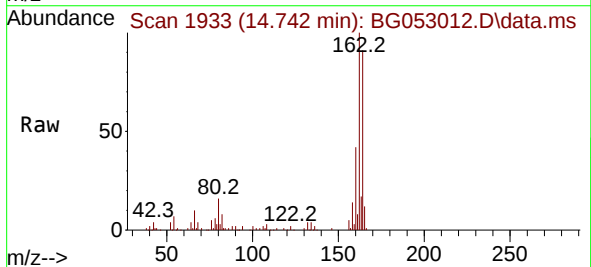
Instrument :
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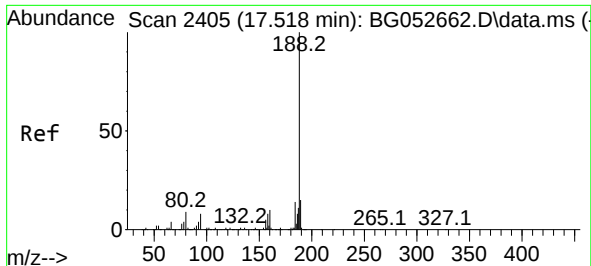
Tgt Ion:165 Resp: 11125
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.325 ng
RT: 14.742 min Scan# 1933
Delta R.T. -0.371 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:165 Resp: 11125
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

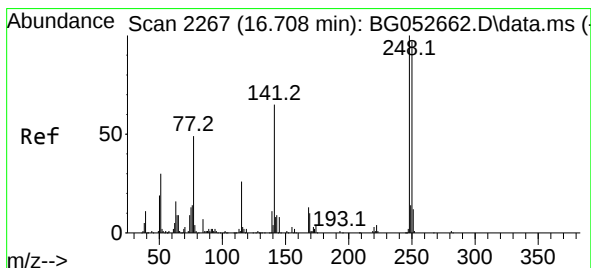
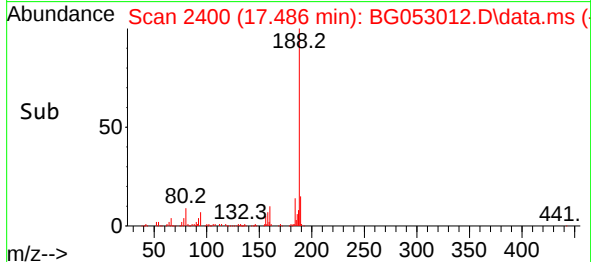
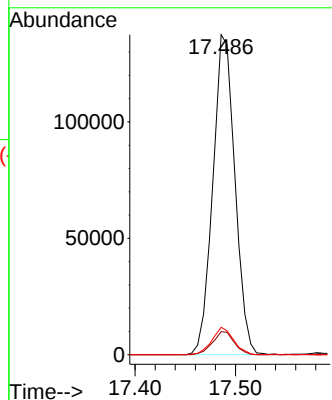
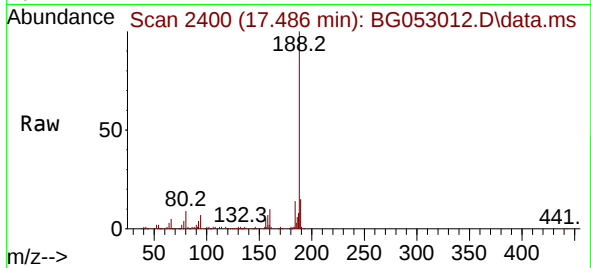




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 24
Delta R.T. -0.018 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

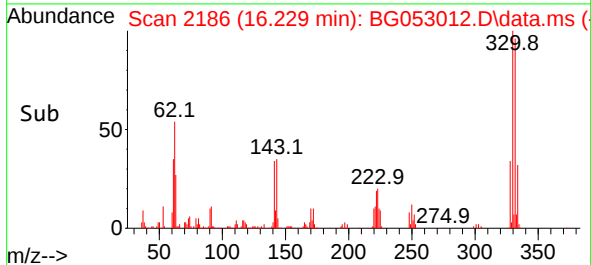
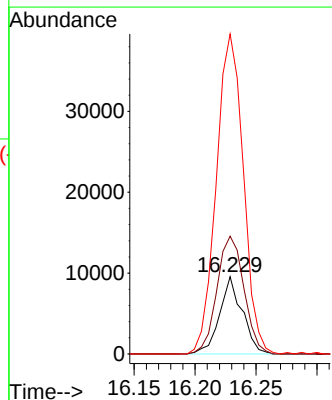
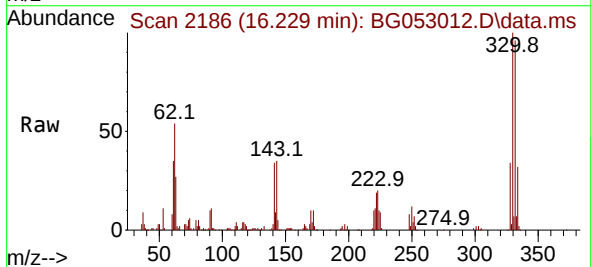
Instrument :
BNA_G
ClientSampleId :
A09145

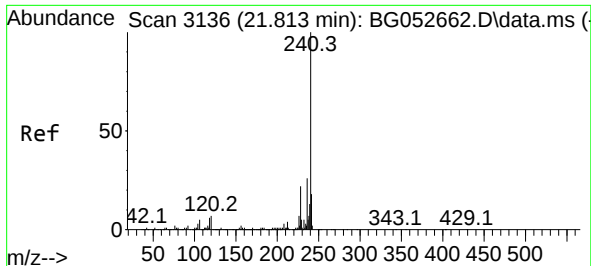
Tgt Ion:188 Resp: 210206
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.465 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:248 Resp: 12365
Ion Ratio Lower Upper
248 100
250 152.5 77.9 116.9#
141 414.5 49.2 73.8#

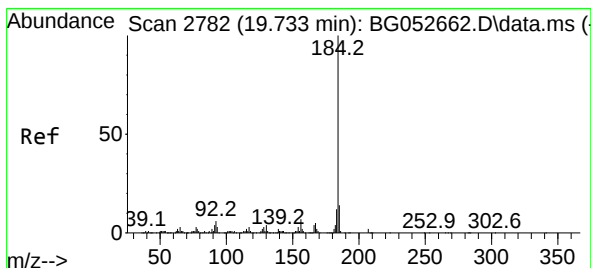
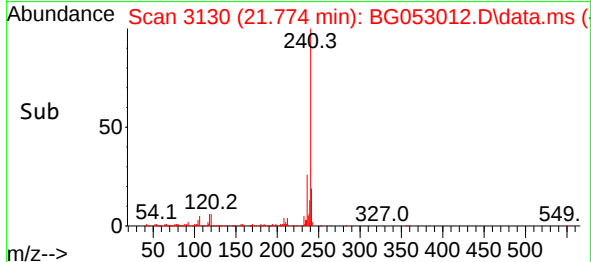
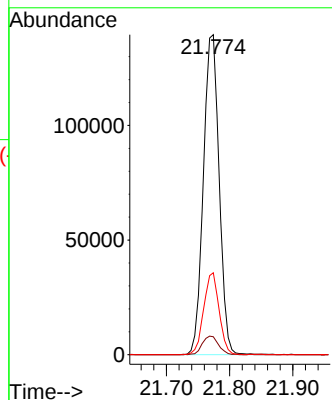
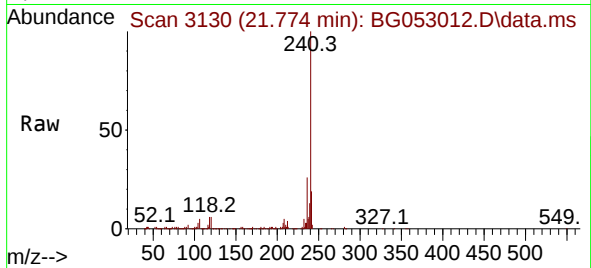




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 31
Delta R.T. -0.024 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

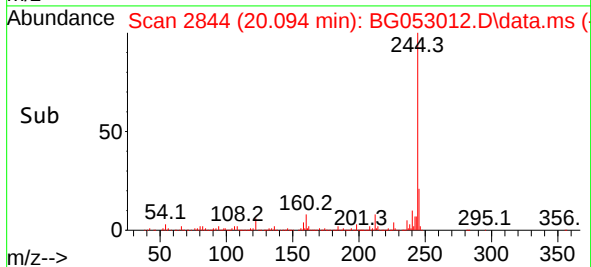
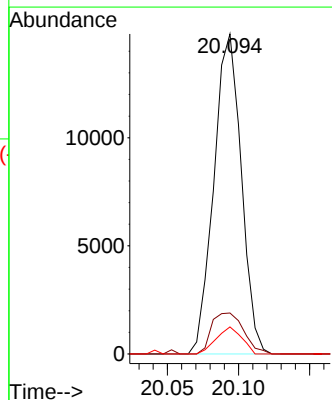
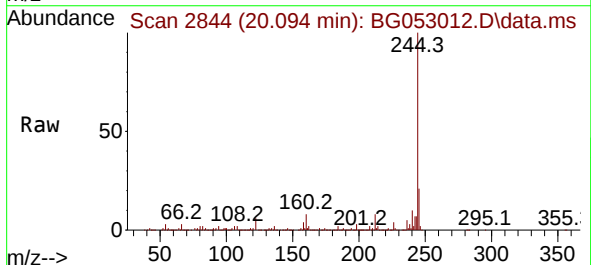
Instrument :
BNA_G
ClientSampleId :
A09145

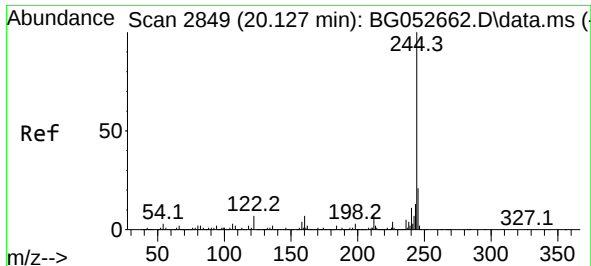
Tgt Ion:240 Resp: 242267
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.6 19.8 29.6



#77
Benzidine
Concen: 3.176 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.369 min
Lab File: BG053012.D
Acq: 4 Apr 2022 17:46

Tgt Ion:184 Resp: 19846
Ion Ratio Lower Upper
184 100
185 12.8 11.5 17.3
183 8.4 9.4 14.2#

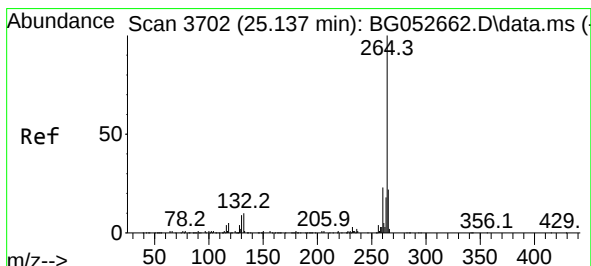
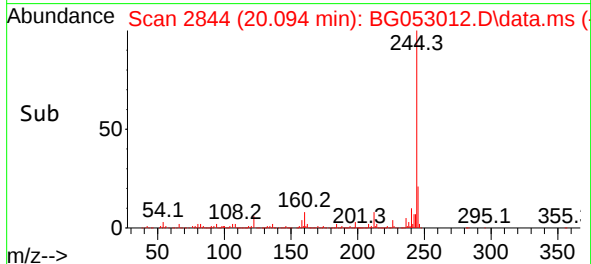
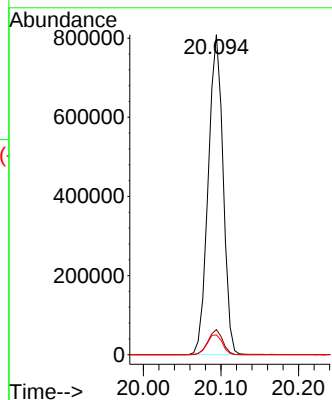
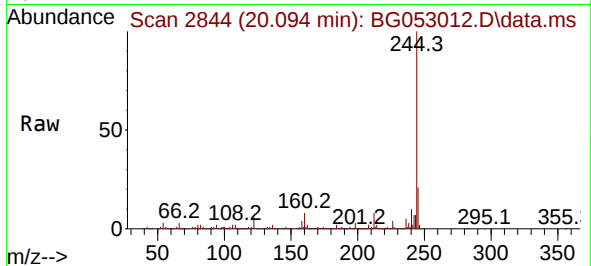




#79
 Terphenyl-d14
 Concen: 78.776 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053012.D
 Acq: 4 Apr 2022 17:46

Instrument :
 BNA_G
 ClientSampleId :
 A09145

Tgt Ion:244 Resp: 1072875
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.042 min
 Lab File: BG053012.D
 Acq: 4 Apr 2022 17:46

Tgt Ion:264 Resp: 247659
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.3 15.1 22.7

