

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053548.D
 Acq On : 13 May 2022 18:26
 Operator : CG/JU
 Sample : N2823-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-9

Quant Time: May 14 03:14:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

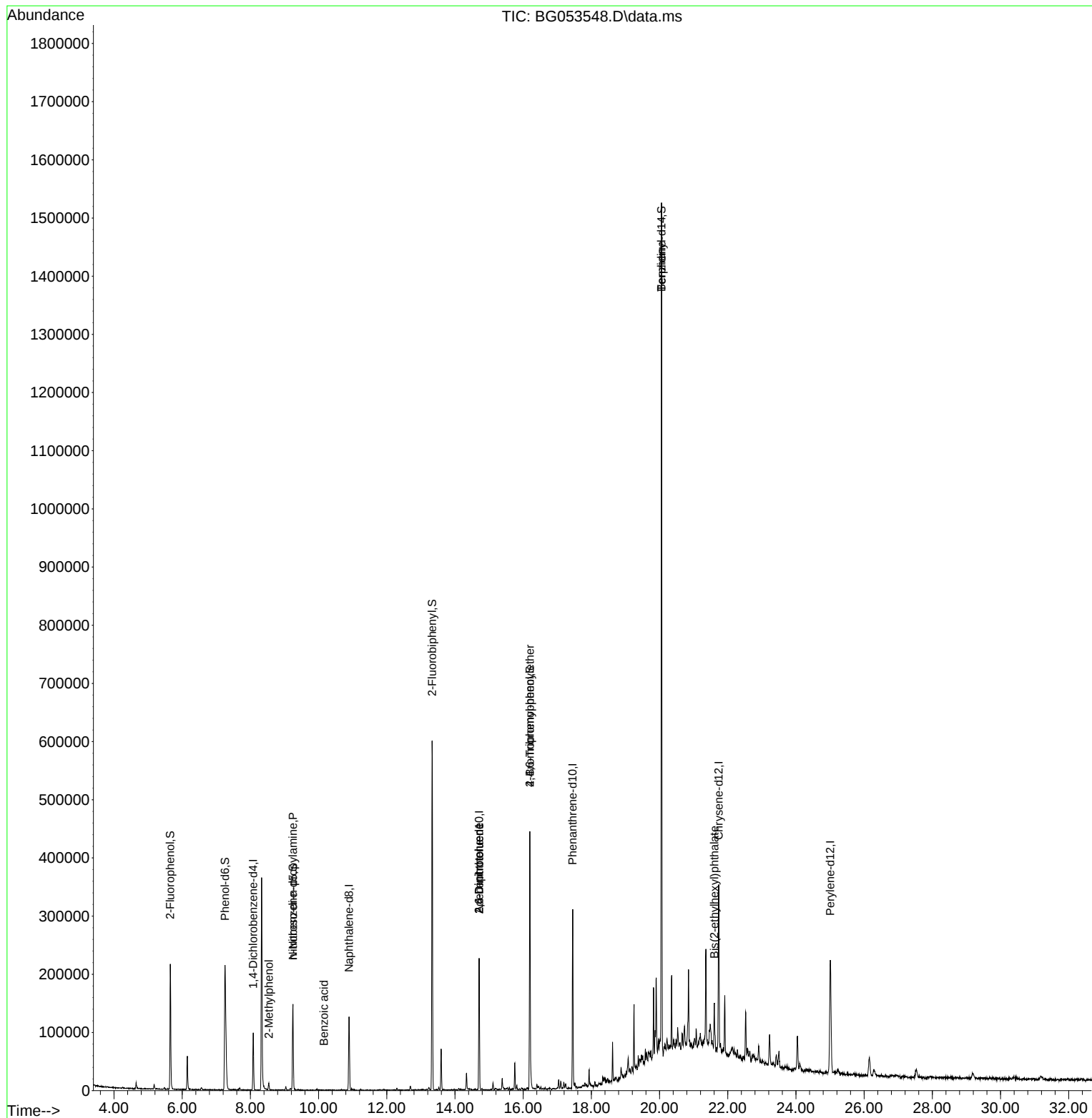
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	25866	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	107782	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	84193	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	195500	20.000	ng	0.00
76) Chrysene-d12	21.736	240	175980	20.000	ng	0.00
86) Perylene-d12	25.008	264	190034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	89663	58.830	ng	0.00
7) Phenol-d6	7.256	99	196126	84.791	ng	0.00
23) Nitrobenzene-d5	9.247	82	93409	36.892	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	90095	72.555	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	323081	56.075	ng	0.00
79) Terphenyl-d14	20.056	244	744635	78.808	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.542	107	3616	2.365	ng	88
19) n-Nitroso-di-n-propyla...	9.247	70	13022	7.846	ng	# 81
32) Benzoic acid	10.158	122	60	8.539	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	10634	8.158	ng	# 18
57) 2,4-Dinitrotoluene	14.710	165	10634	5.628	ng	# 23
67) 4-Bromophenyl-phenylether	16.196	248	5813	2.546	ng	# 1
77) Benzidine	20.056	184	13152	3.467	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.607	149	32381	5.616	ng	95

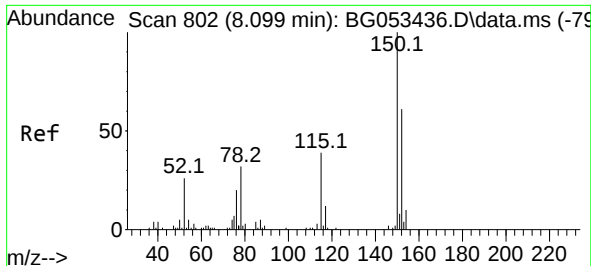
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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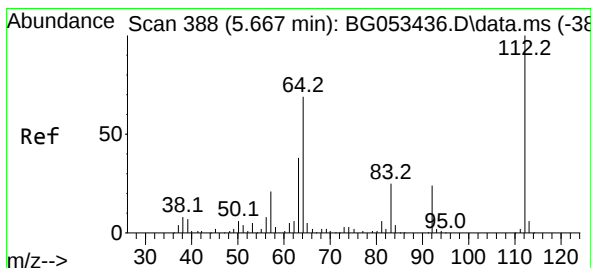
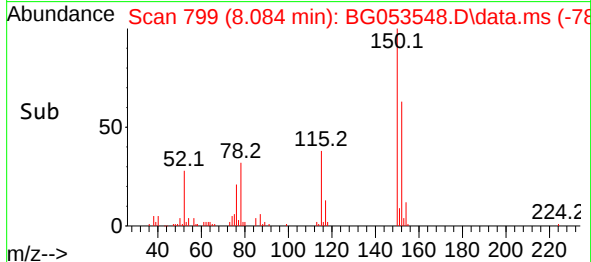
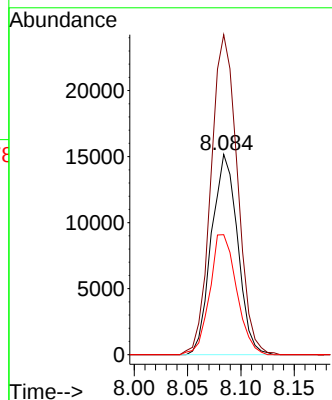
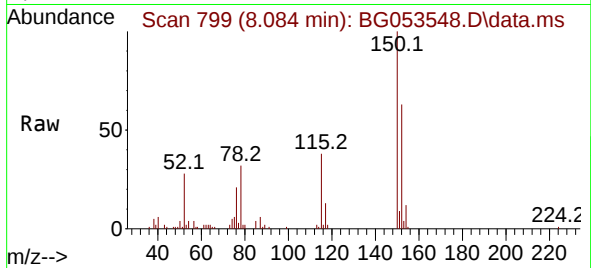




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 799
Delta R.T. -0.005 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

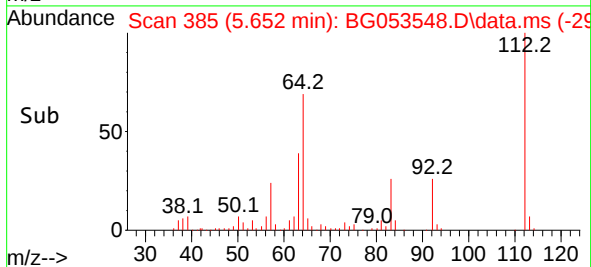
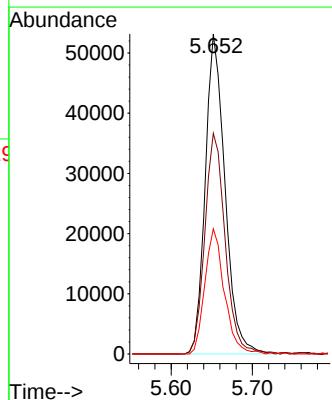
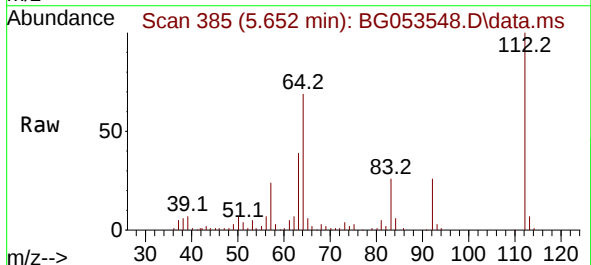
Instrument :
BNA_G
ClientSampleId :
SC-9

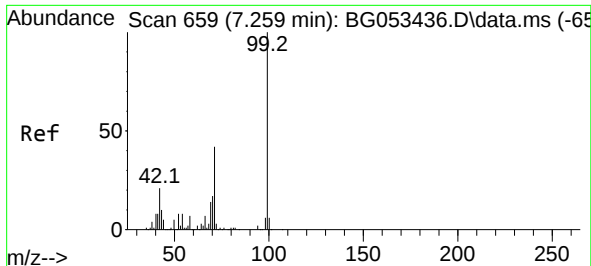
Tgt Ion:152 Resp: 25866
Ion Ratio Lower Upper
152 100
150 159.8 131.6 197.4
115 59.9 50.9 76.3



#5
2-Fluorophenol
Concen: 58.830 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:112 Resp: 89663
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 39.1 30.4 45.6

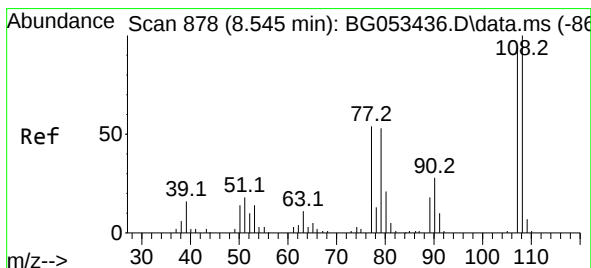
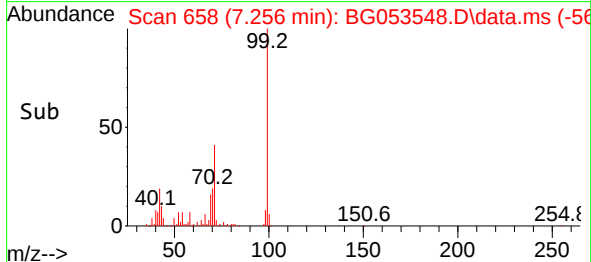
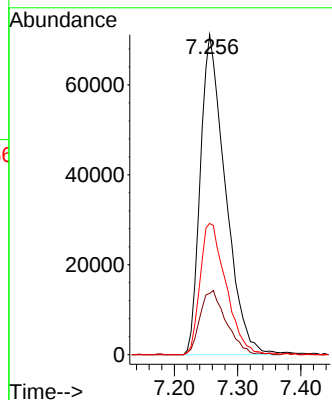
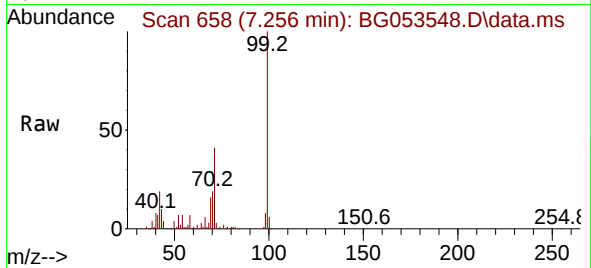




#7
Phenol-d6
Concen: 84.791 ng
RT: 7.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

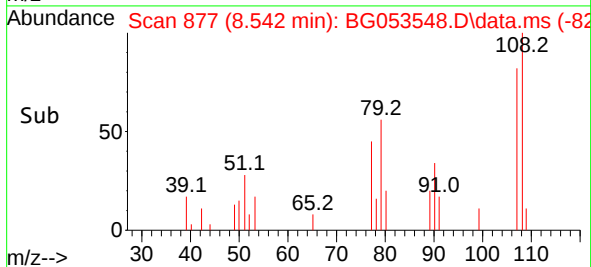
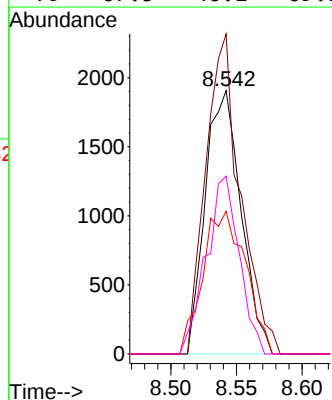
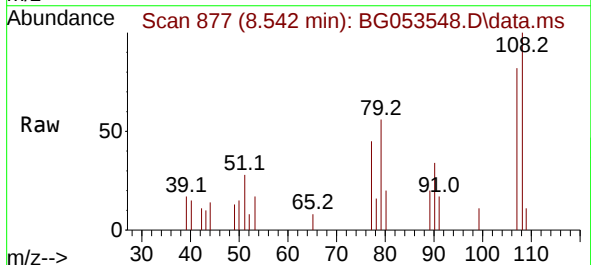
Instrument :
BNA_G
ClientSampleId :
SC-9

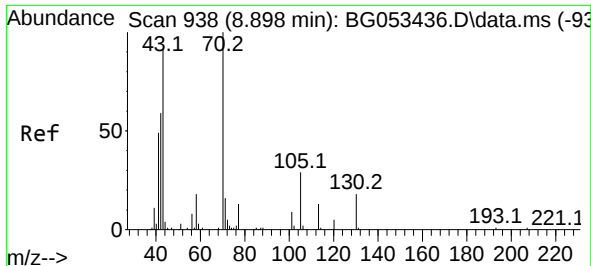
Tgt Ion: 99 Resp: 196126
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 41.0 33.8 50.8



#17
2-Methylphenol
Concen: 2.365 ng
RT: 8.542 min Scan# 877
Delta R.T. 0.012 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion: 107 Resp: 3616
Ion Ratio Lower Upper
107 100
108 121.5 85.4 128.0
77 54.2 46.2 69.2
79 67.5 46.1 69.1

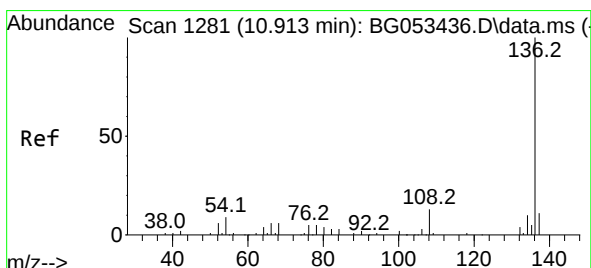
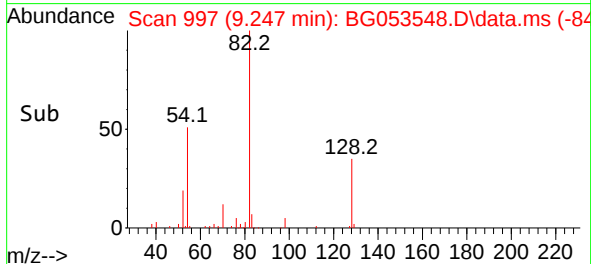
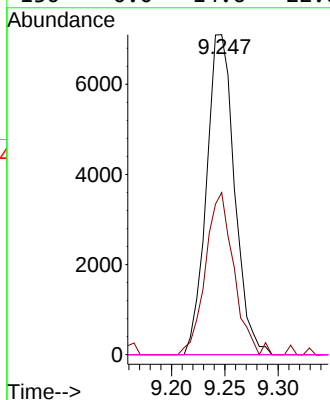
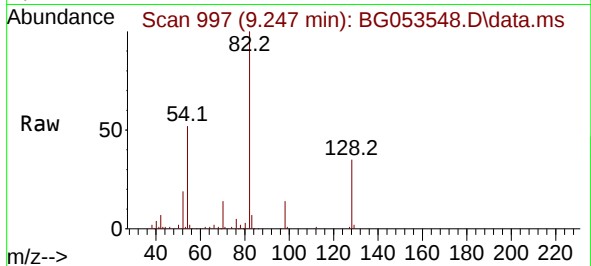




#19
n-Nitroso-di-n-propylamine
Concen: 7.846 ng
RT: 9.247 min Scan# 91
Delta R.T. 0.359 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

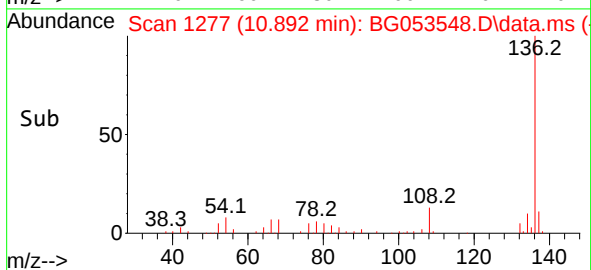
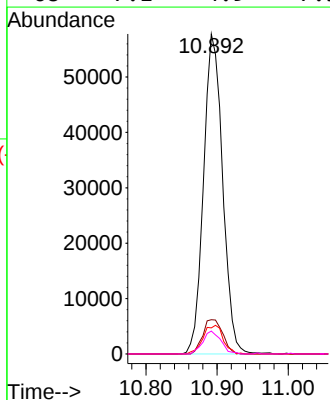
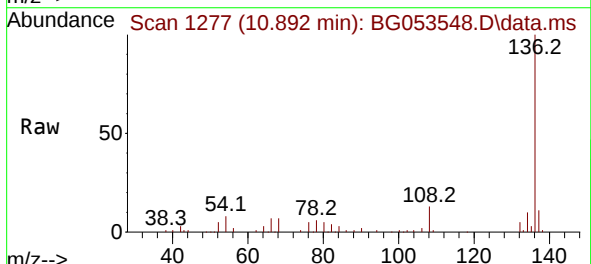
Instrument :
BNA_G
ClientSampleId :
SC-9

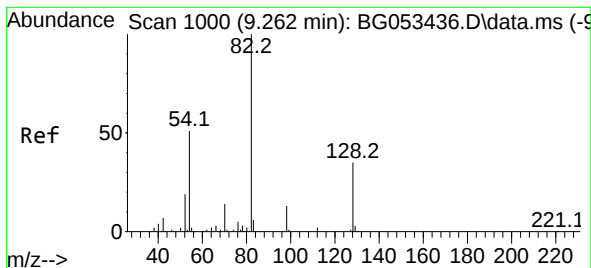
Tgt Ion: 70	Resp: 13022
Ion Ratio	Lower Upper
70 100	
42 50.7	47.3 70.9
101 0.0	7.0 10.4#
130 0.0	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion: 136	Resp: 107782
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 8.2	7.4 11.2
68 7.1	4.9 7.3





#23

Nitrobenzene-d5

Concen: 36.892 ng

RT: 9.247 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053548.D

Acq: 13 May 2022 18:26

Instrument :

BNA_G

ClientSampleId :

SC-9

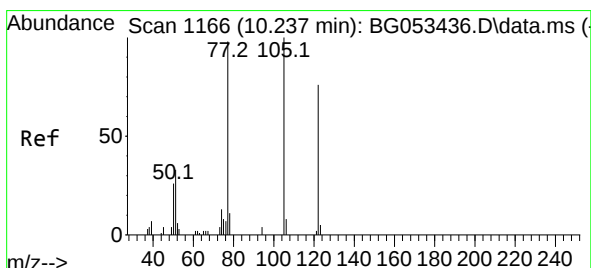
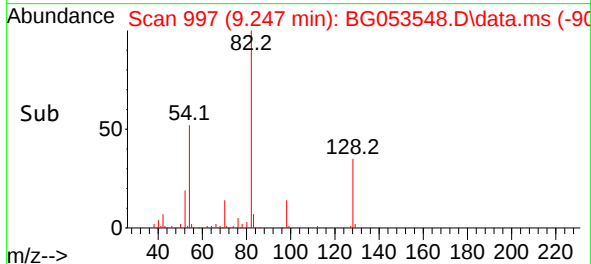
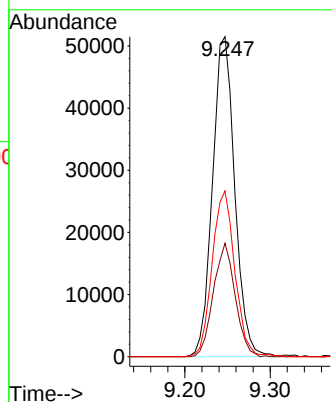
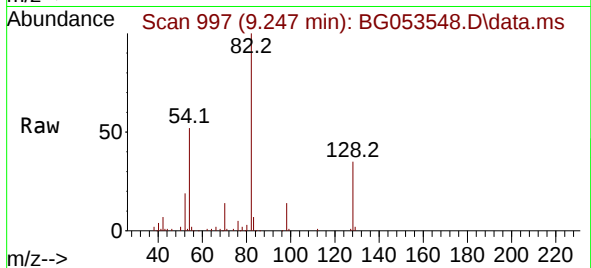
Tgt Ion: 82 Resp: 93409

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

54 51.8 41.2 61.8



#32

Benzoic acid

Concen: 8.539 ng

RT: 10.158 min Scan# 1152

Delta R.T. -0.082 min

Lab File: BG053548.D

Acq: 13 May 2022 18:26

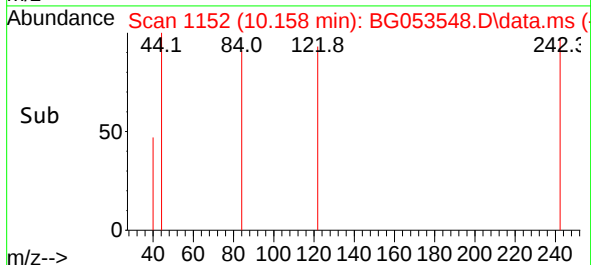
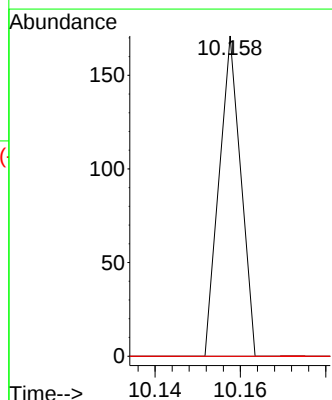
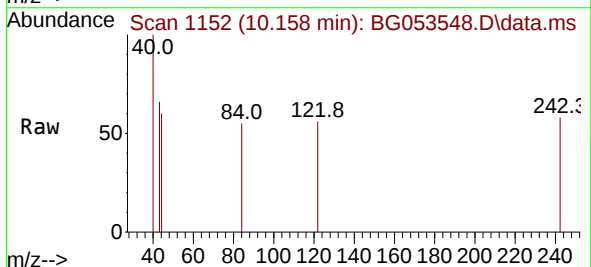
Tgt Ion:122 Resp: 60

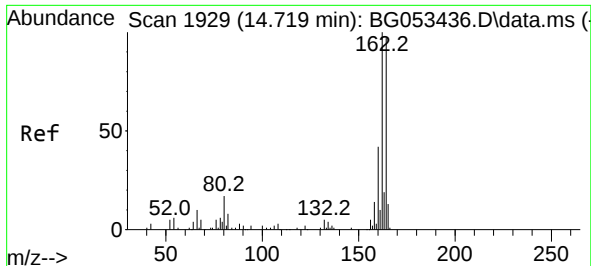
Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 0.0 109.4 149.4#

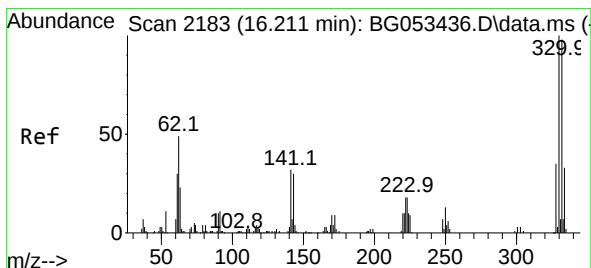
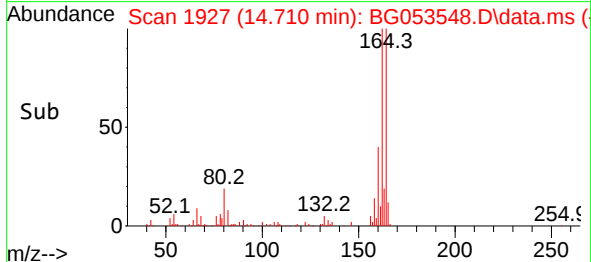
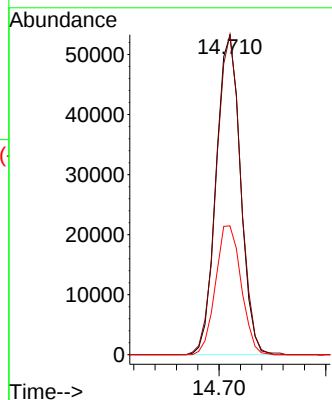
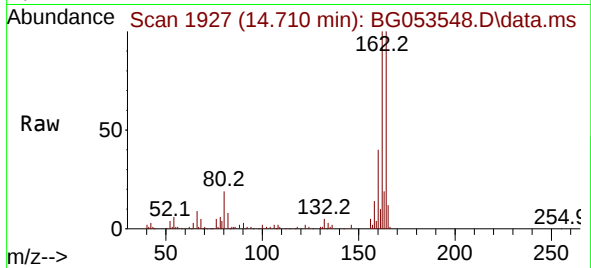




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

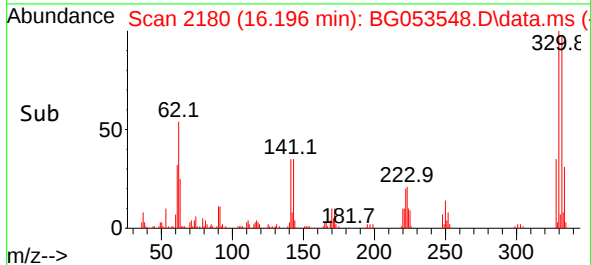
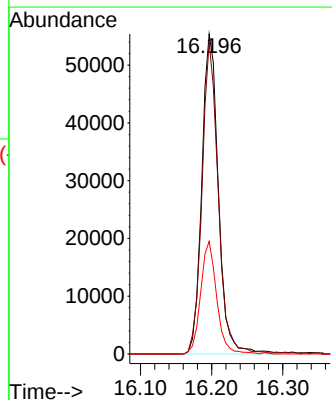
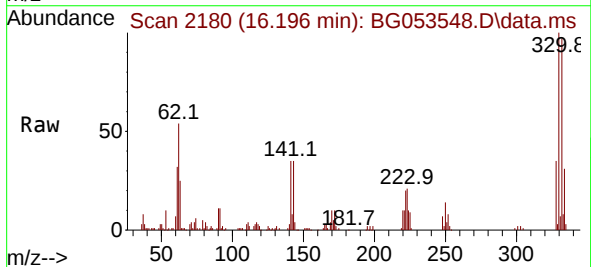
Instrument :
BNA_G
ClientSampleId :
SC-9

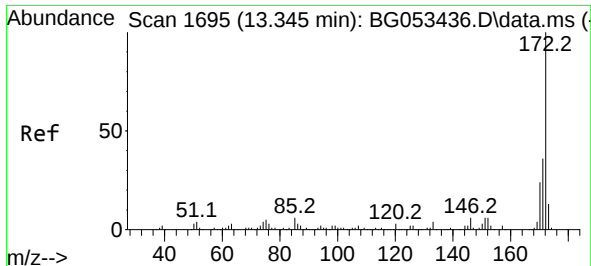
Tgt Ion:164 Resp: 84193
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 40.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 72.555 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:330 Resp: 90095
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 33.9 27.1 40.7

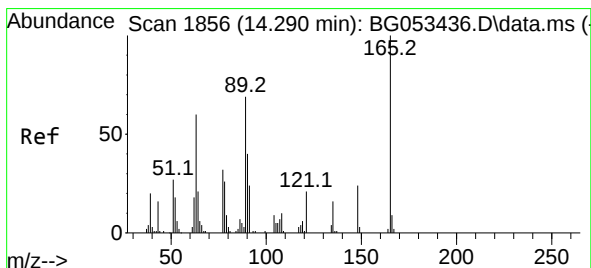
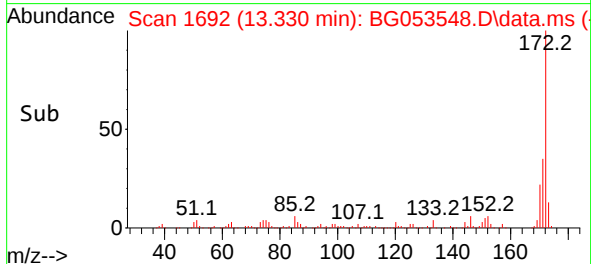
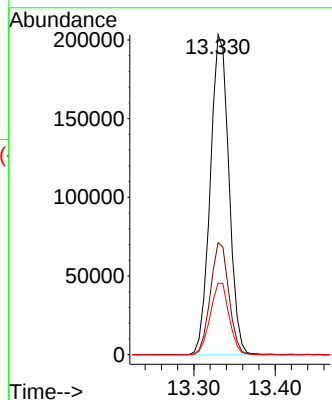
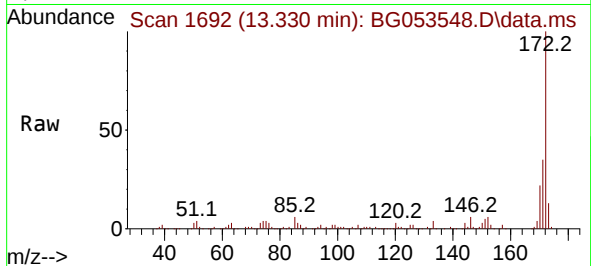




#45
2-Fluorobiphenyl
Concen: 56.075 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

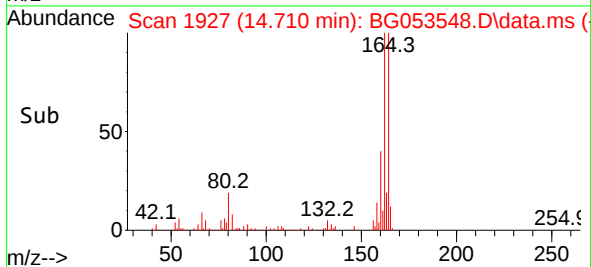
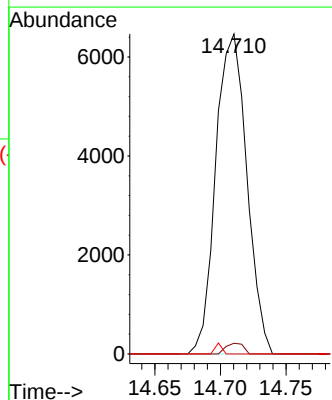
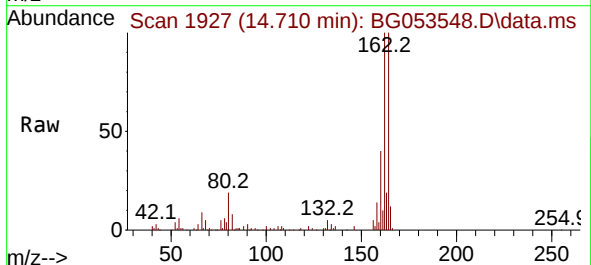
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SC-9

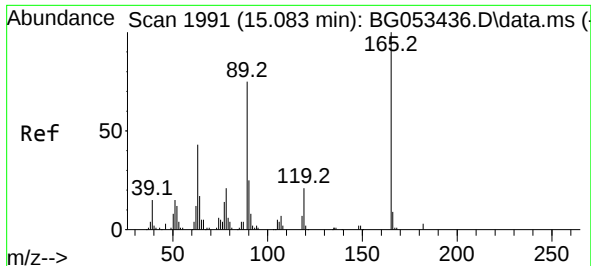
Tgt Ion:172 Resp: 323081
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:165 Resp: 10634
Ion Ratio Lower Upper
165 100
63 3.3 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.628 ng

RT: 14.710 min Scan# 1991

Delta R.T. -0.364 min

Lab File: BG053548.D

Acq: 13 May 2022 18:26

Instrument :

BNA_G

ClientSampleId :

SC-9

Tgt Ion:165 Resp: 10634

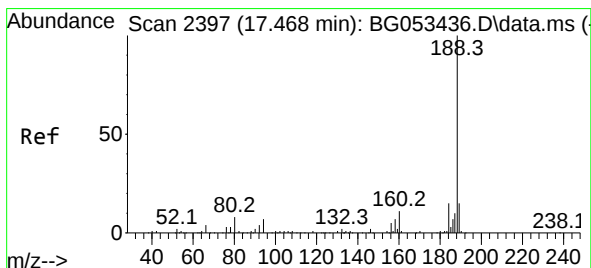
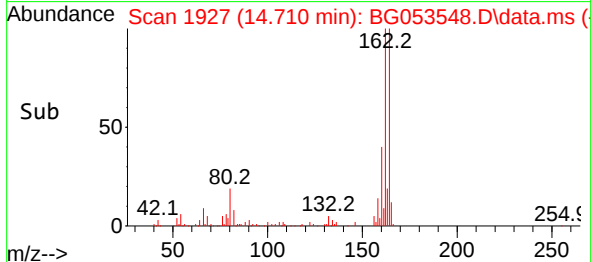
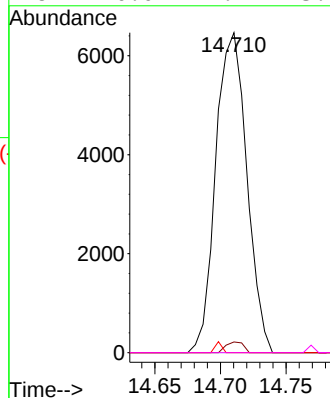
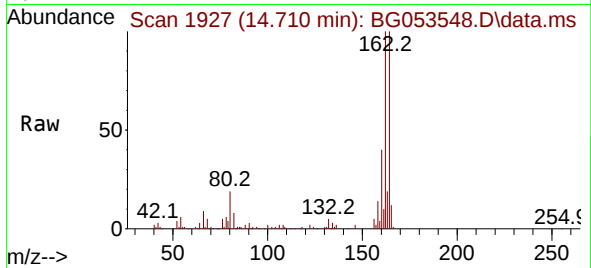
Ion Ratio Lower Upper

165 100

63 3.3 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: 17.454 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BG053548.D

Acq: 13 May 2022 18:26

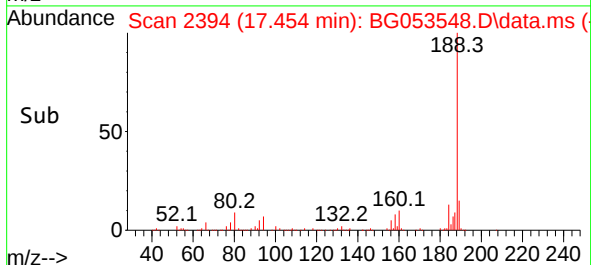
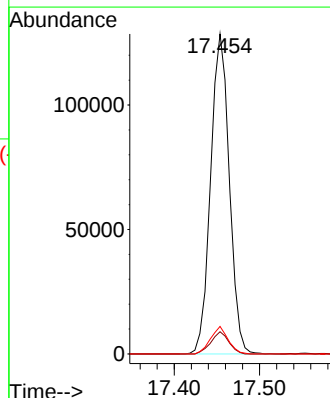
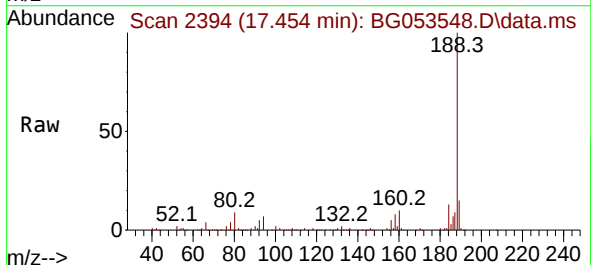
Tgt Ion:188 Resp: 195500

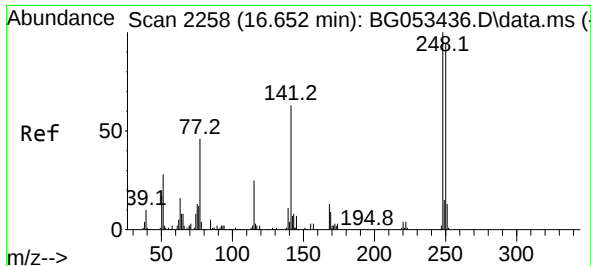
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 8.6 6.8 10.2

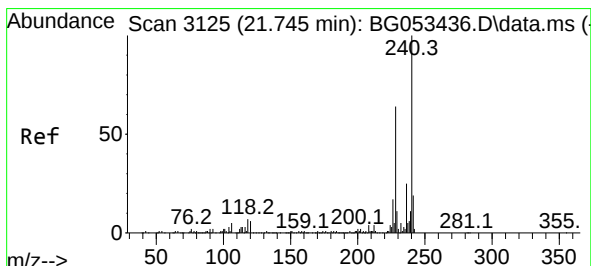
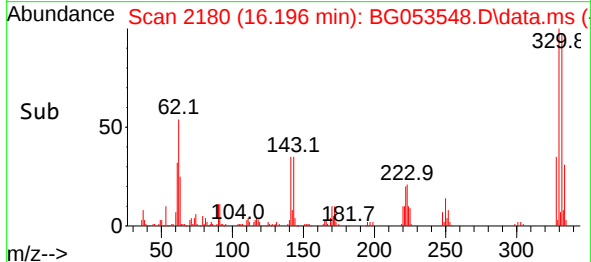
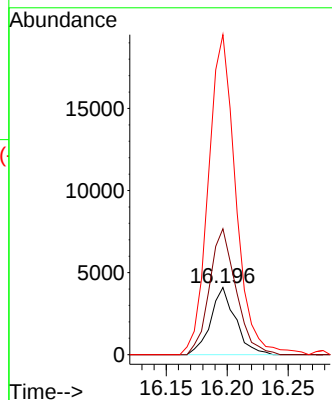
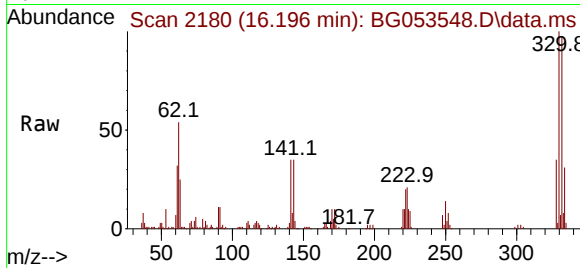




#67
4-Bromophenyl-phenylether
Concen: 2.546 ng
RT: 16.196 min Scan# 2118
Delta R.T. -0.446 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

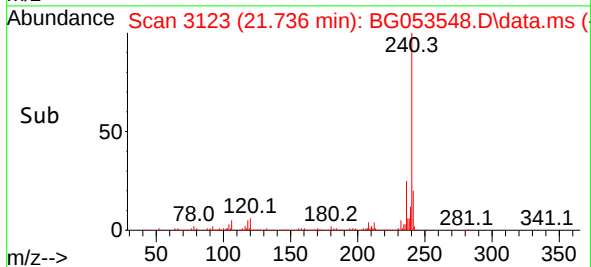
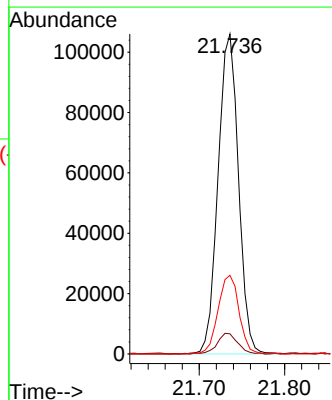
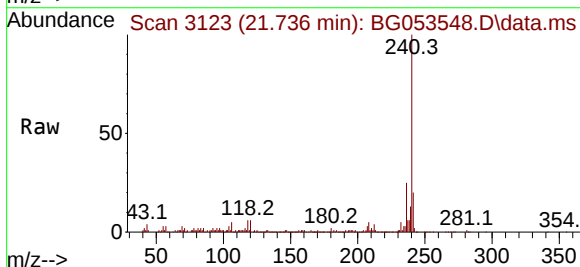
Instrument :
BNA_G
ClientSampleId :
SC-9

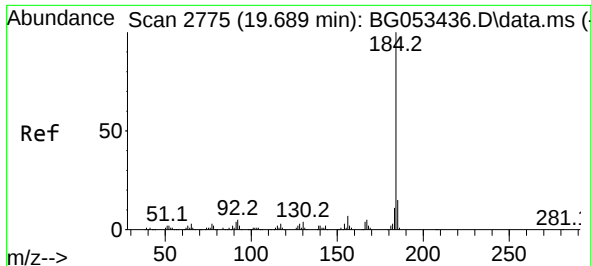
Tgt Ion:248 Resp: 5813
Ion Ratio Lower Upper
248 100
250 187.1 75.2 112.8#
141 475.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:240 Resp: 175980
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.5 20.2 30.4

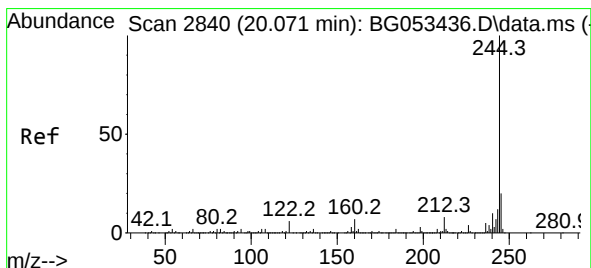
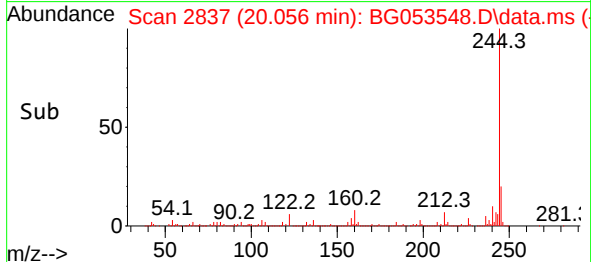
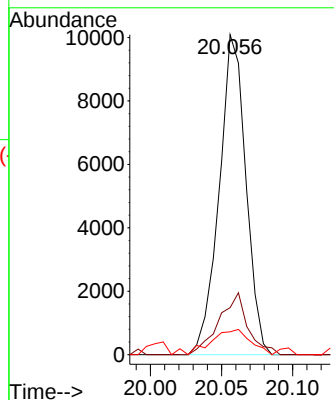
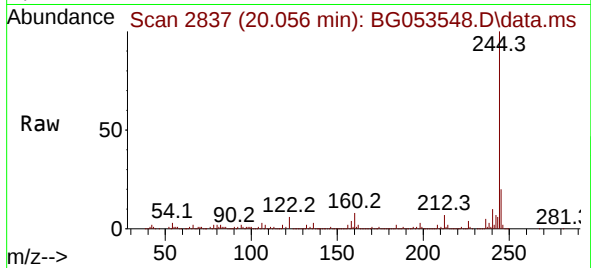




#77
Benzidine
Concen: 3.467 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.376 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

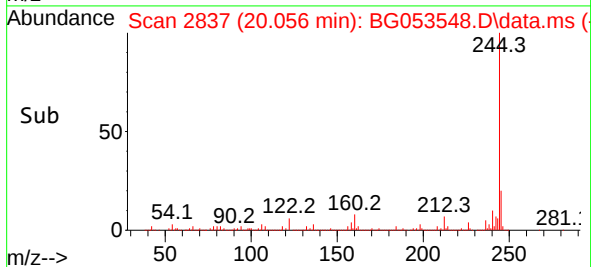
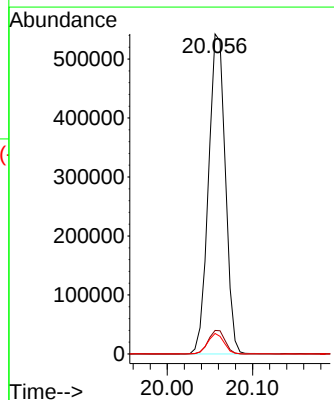
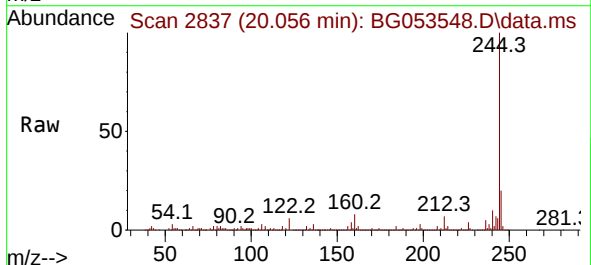
Instrument :
BNA_G
ClientSampleId :
SC-9

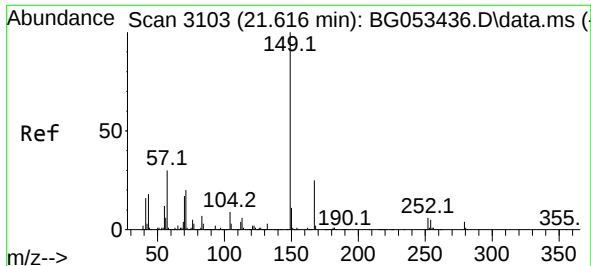
Tgt Ion:184 Resp: 13152
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 7.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 78.808 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:244 Resp: 744635
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.4 5.0 7.4

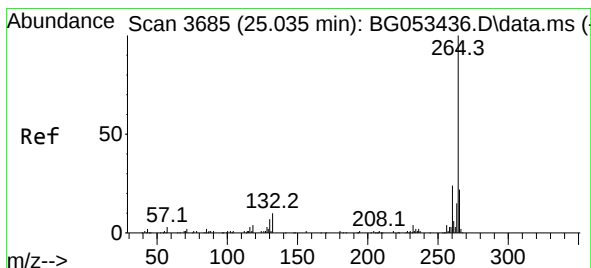
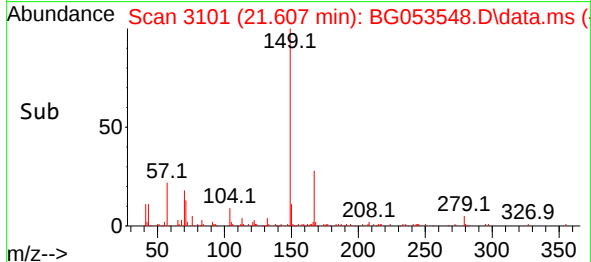
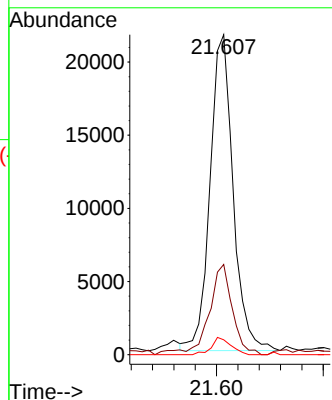
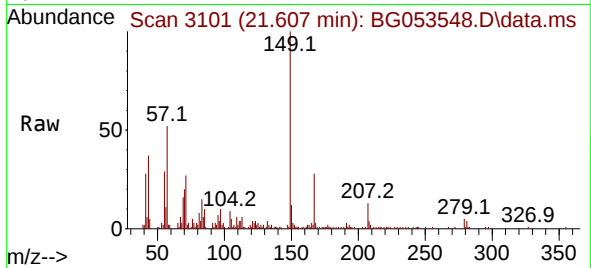




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.616 ng
RT: 21.607 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Instrument :
BNA_G
ClientSampleId :
SC-9

Tgt Ion:149 Resp: 32381
Ion Ratio Lower Upper
149 100
167 28.2 20.2 30.4
279 4.7 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3680
Delta R.T. -0.011 min
Lab File: BG053548.D
Acq: 13 May 2022 18:26

Tgt Ion:264 Resp: 190034
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.7 17.4 26.2

