

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052598.D
 Acq On : 7 Mar 2022 20:08
 Operator : CG/JU
 Sample : N1730-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4

Quant Time: Mar 08 01:30:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

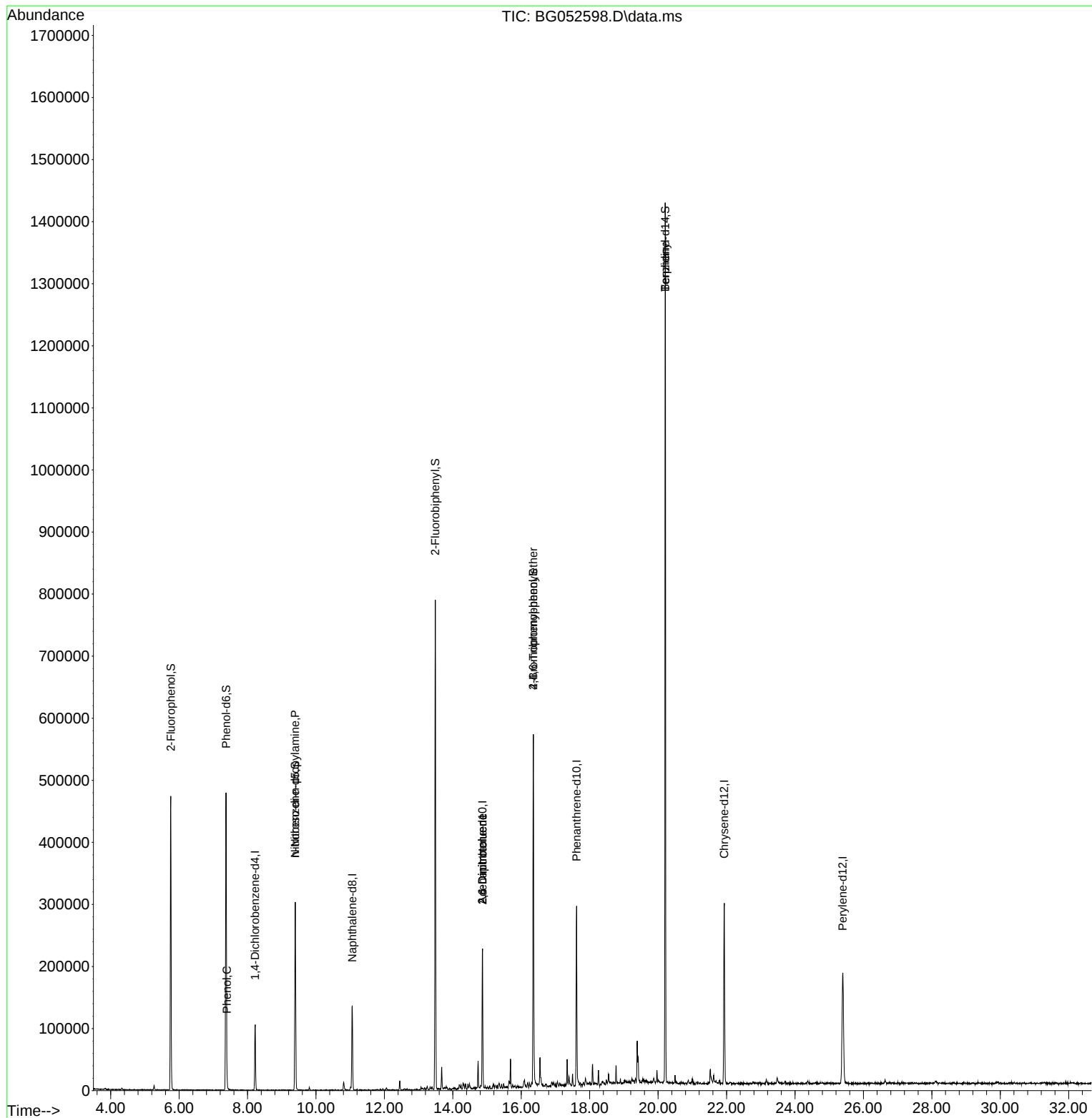
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	30483	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	123150	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	79054	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	185375	20.000	ng	0.00
76) Chrysene-d12	21.934	240	209200	20.000	ng	# 0.00
86) Perylene-d12	25.394	264	215900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	209733	117.220	ng	0.00
7) Phenol-d6	7.371	99	280536	111.585	ng	0.00
23) Nitrobenzene-d5	9.392	82	194761	72.099	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	121926	107.315	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	424710	74.081	ng	0.00
79) Terphenyl-d14	20.207	244	738026	63.176	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.395	94	5290	2.112	ng	87
19) n-Nitroso-di-n-propyla...	9.392	70	26681	15.587	ng	# 71
51) 2,6-Dinitrotoluene	14.867	165	11271	8.529	ng	# 18
57) 2,4-Dinitrotoluene	14.867	165	11271	6.030	ng	# 17
67) 4-Bromophenyl-phenylether	16.353	248	7533	3.362	ng	# 1
77) Benzidine	20.213	184	10321	2.307	ng	# 93

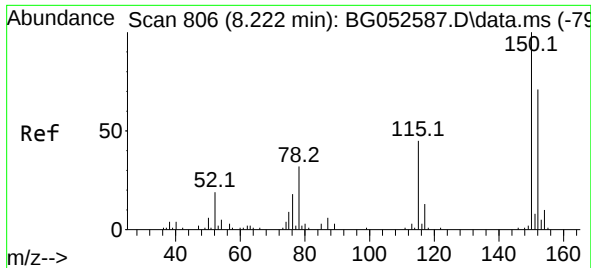
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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7-8-SAMPLE-LOCATION-4

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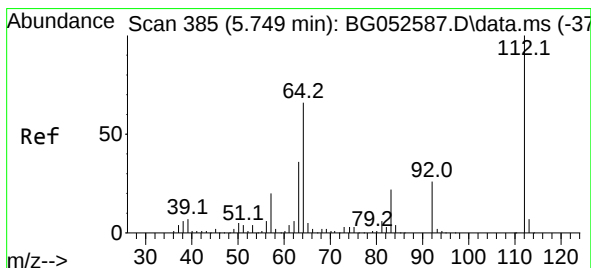
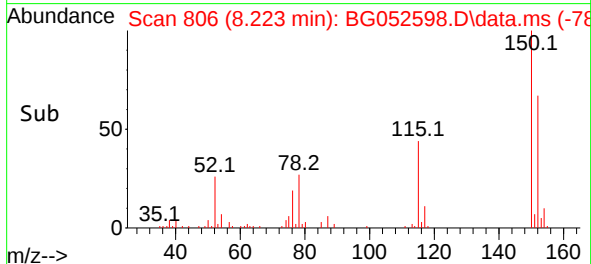
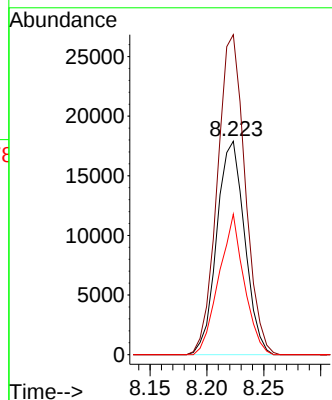
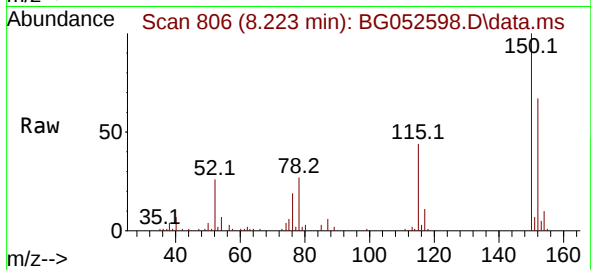




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

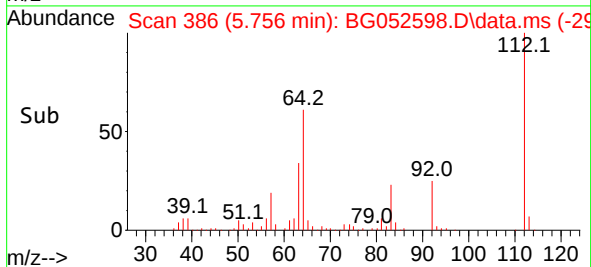
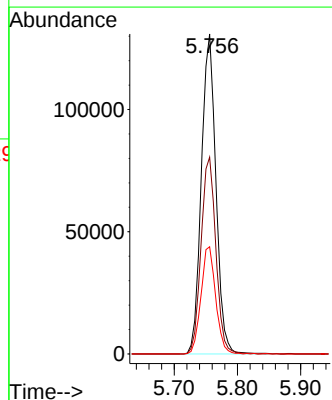
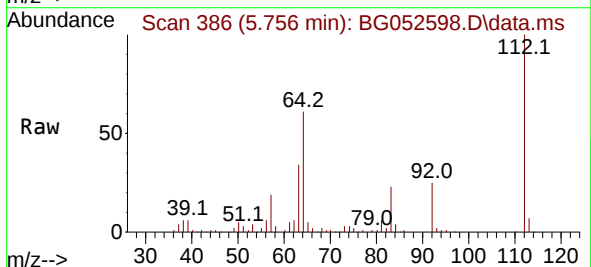
Instrument :
BNA_G
ClientSampleId :
7-8-SAMPLE-LOCATION-4

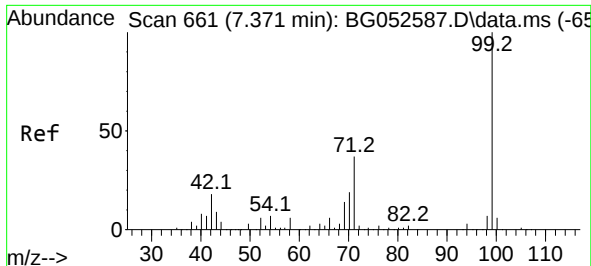
Tgt Ion:152 Resp: 30483
Ion Ratio Lower Upper
152 100
150 149.9 117.8 176.8
115 65.8 50.2 75.2



#5
2-Fluorophenol
Concen: 117.220 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion:112 Resp: 209733
Ion Ratio Lower Upper
112 100
64 61.5 60.4 90.6
63 33.5 33.3 49.9

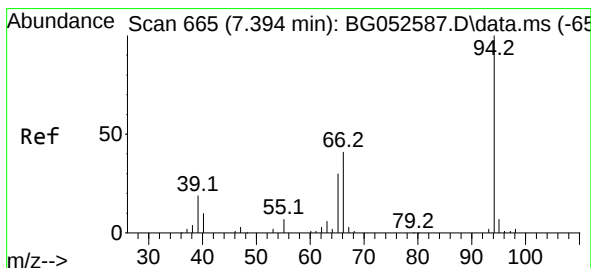
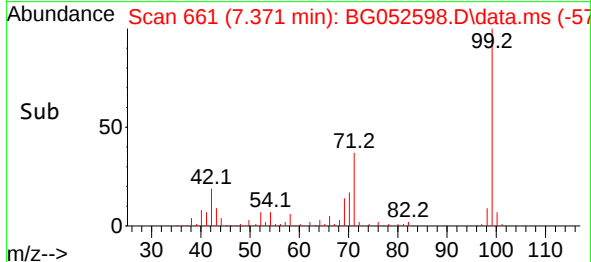
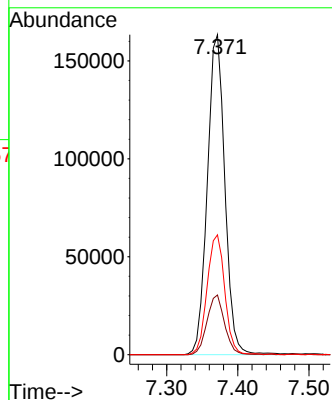
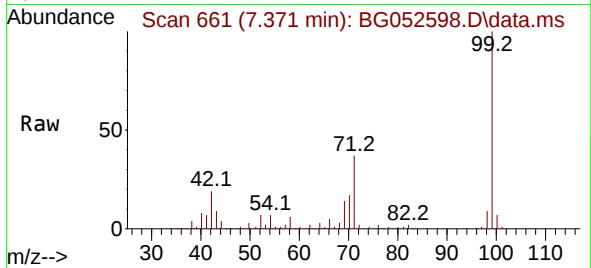




#7
Phenol-d6
Concen: 111.585 ng
RT: 7.371 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

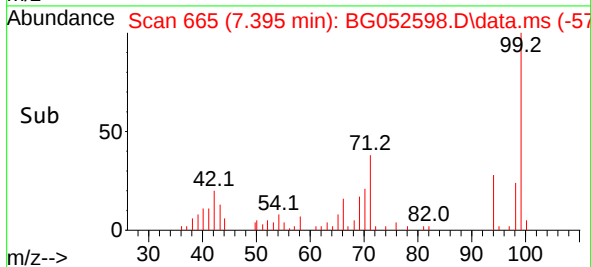
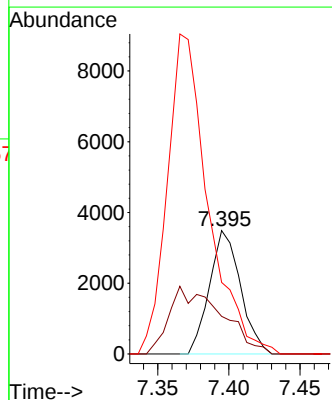
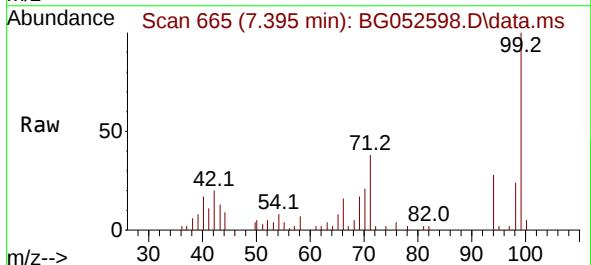
Instrument :
BNA_G
ClientSampleId :
7-8-SAMPLE-LOCATION-4

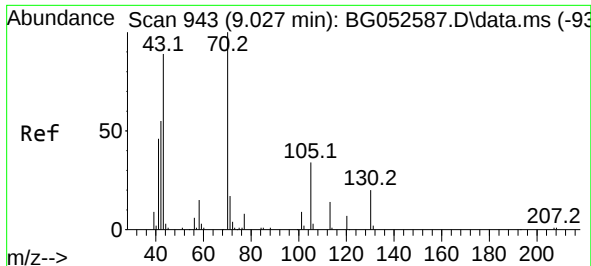
Tgt Ion: 99 Resp: 280536
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7#
71 37.5 33.4 50.2



#10
Phenol
Concen: 2.112 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion: 94 Resp: 5290
Ion Ratio Lower Upper
94 100
65 30.4 14.1 54.1
66 58.0 26.6 66.6

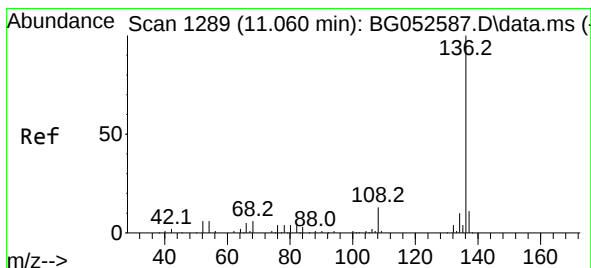
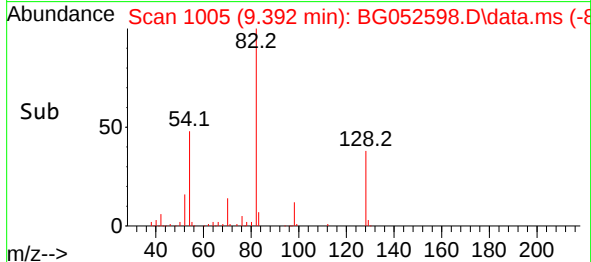
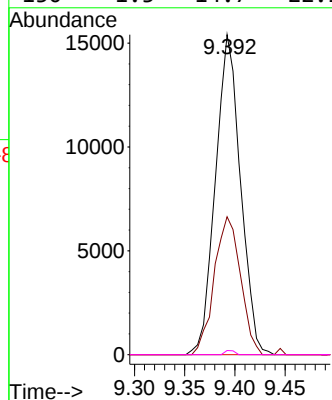
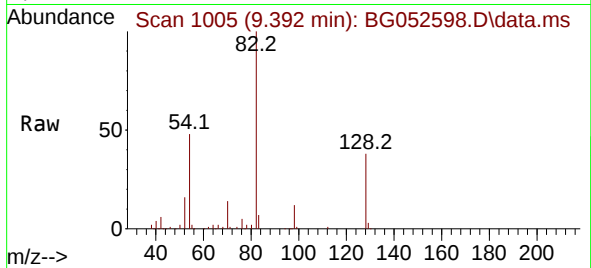




#19
n-Nitroso-di-n-propylamine
Concen: 15.587 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.365 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

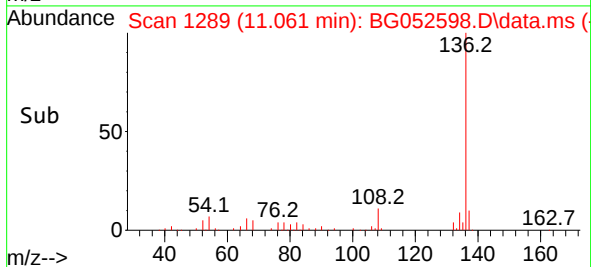
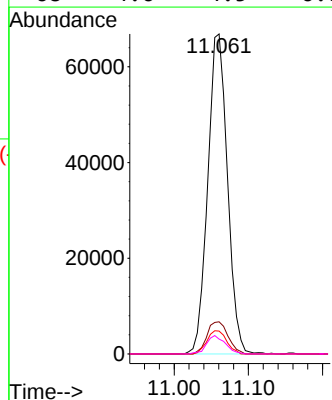
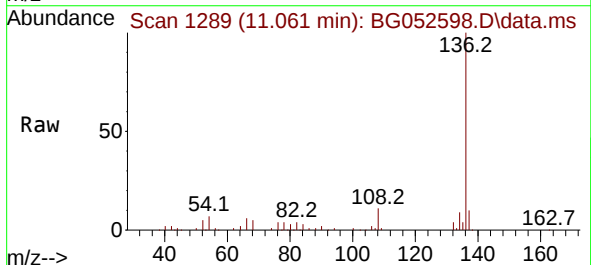
Instrument :
BNA_G
ClientSampleId :
7-8-SAMPLE-LOCATION-4

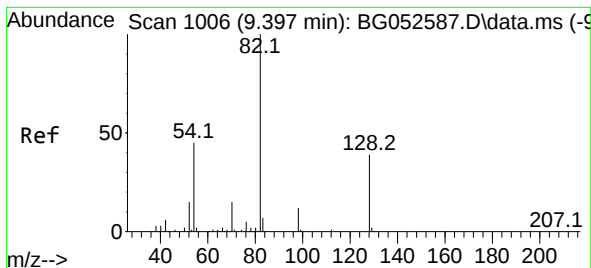
Tgt Ion: 70 Resp: 26681
Ion Ratio Lower Upper
70 100
42 43.1 51.8 77.6#
101 0.0 6.6 10.0#
130 1.3 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion:136 Resp: 123150
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 7.2 8.3 12.5#
68 4.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 72.099 ng

RT: 9.392 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG052598.D

Acq: 7 Mar 2022 20:08

Instrument :

BNA_G

ClientSampleId :

7-8-SAMPLE-LOCATION-4

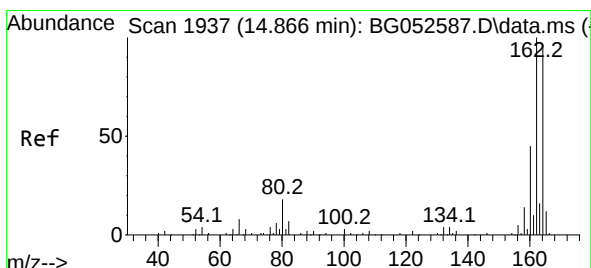
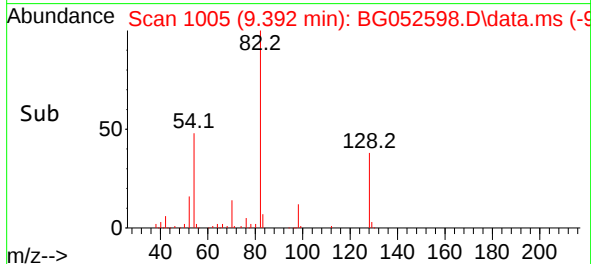
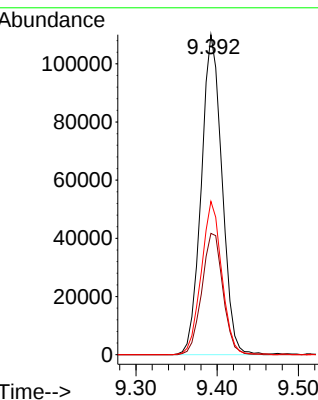
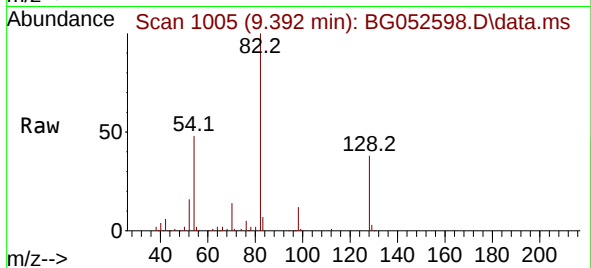
Tgt Ion: 82 Resp: 194761

Ion Ratio Lower Upper

82 100

128 37.9 27.0 40.4

54 47.9 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.867 min Scan# 1937

Delta R.T. 0.001 min

Lab File: BG052598.D

Acq: 7 Mar 2022 20:08

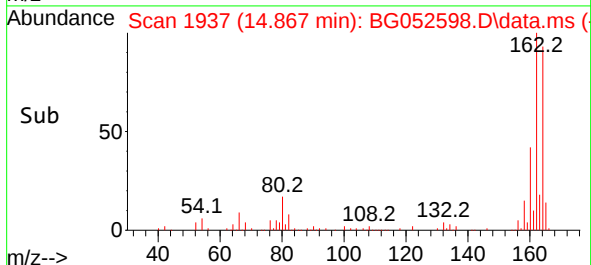
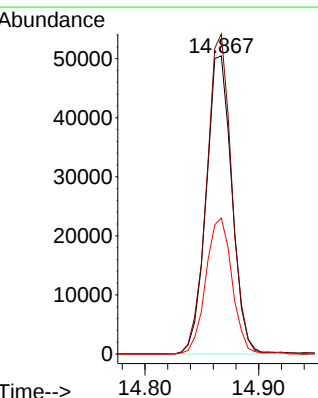
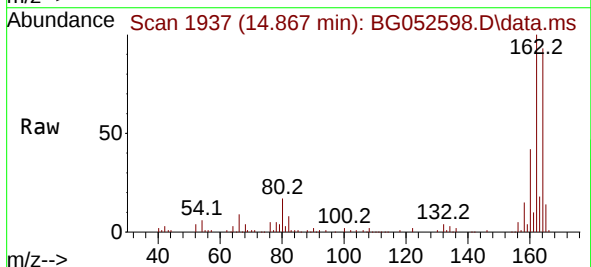
Tgt Ion: 164 Resp: 79054

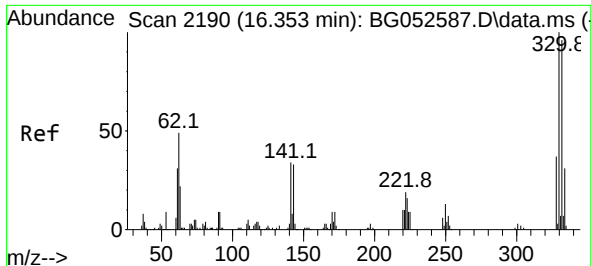
Ion Ratio Lower Upper

164 100

162 107.3 82.2 123.2

160 45.6 36.2 54.2

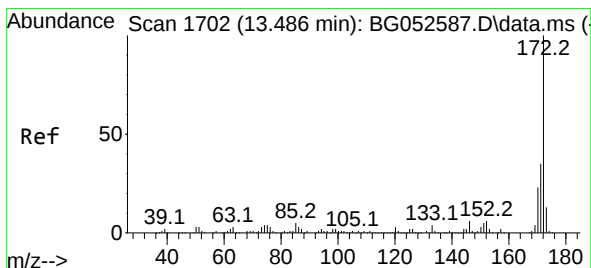
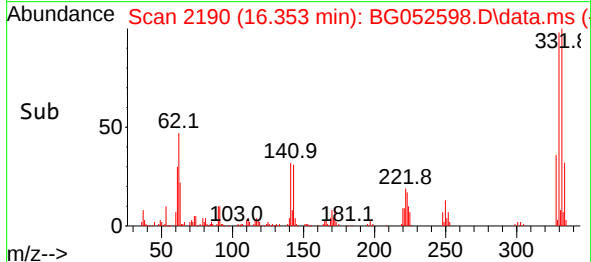
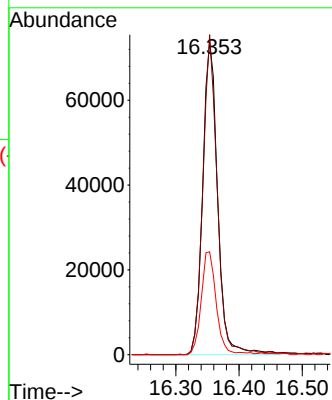
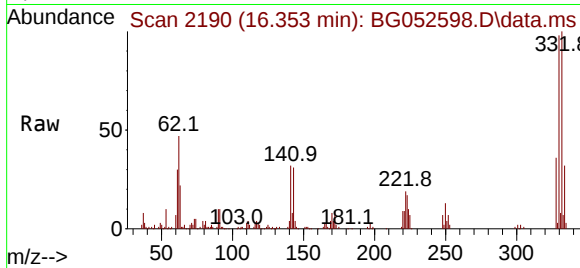




#42
2,4,6-Tribromophenol
Concen: 107.315 ng
RT: 16.353 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

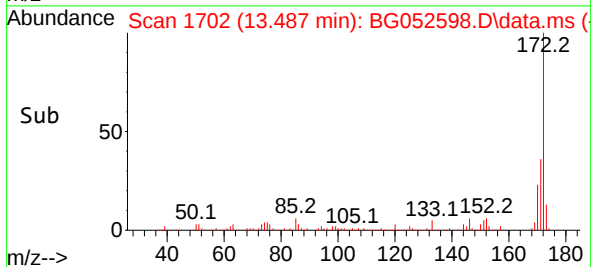
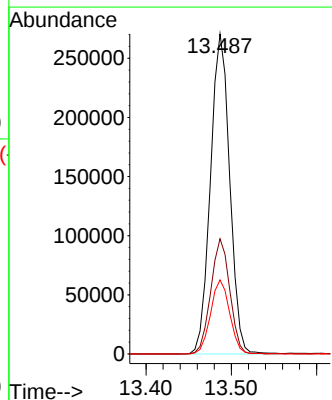
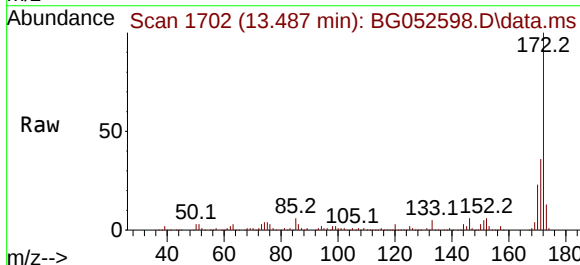
Instrument :
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7-8-SAMPLE-LOCATION-4

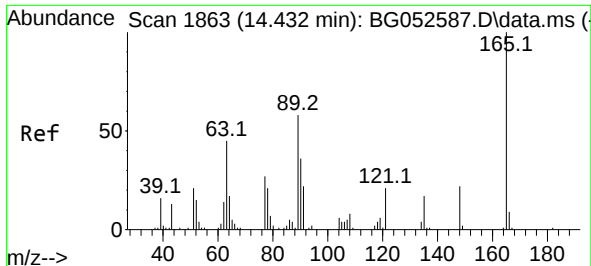
Tgt Ion:330 Resp: 121926
Ion Ratio Lower Upper
330 100
332 97.2 78.6 117.8
141 33.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 74.081 ng
RT: 13.487 min Scan# 1702
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion:172 Resp: 424710
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.1 18.3 27.5

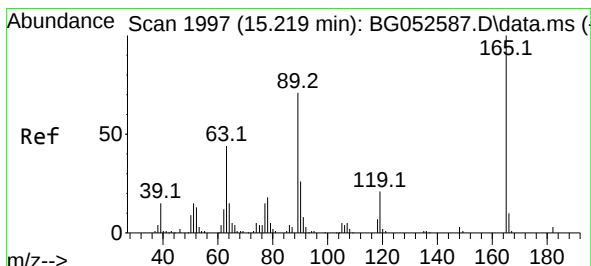
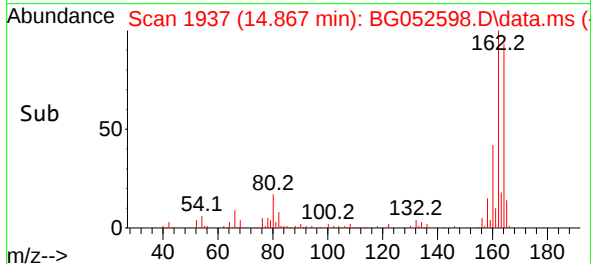
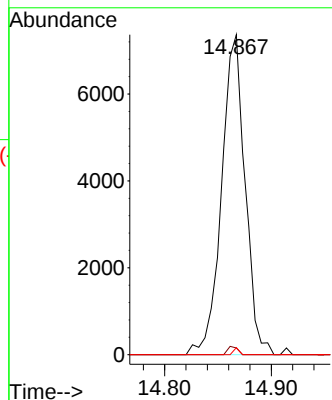
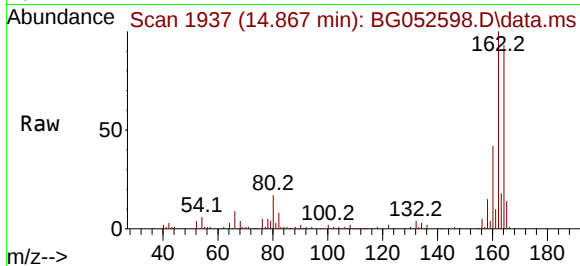




#51
2,6-Dinitrotoluene
Concen: 8.529 ng
RT: 14.867 min Scan# 1937
Delta R.T. 0.436 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

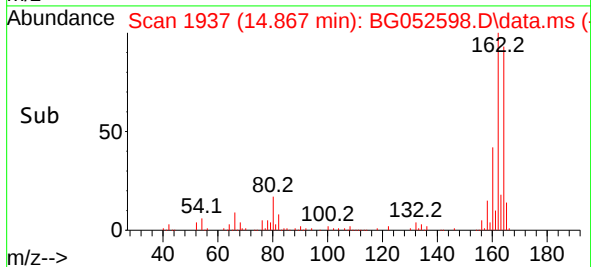
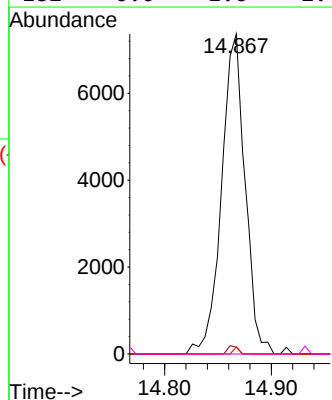
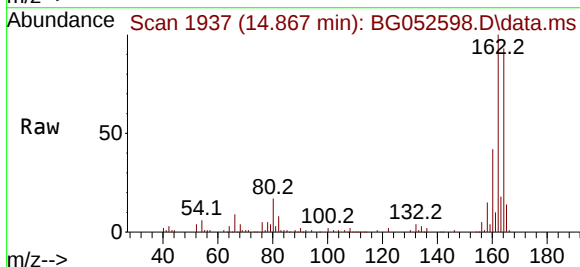
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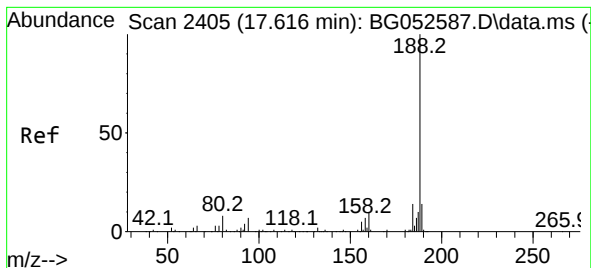
Tgt Ion:165 Resp: 11271
Ion Ratio Lower Upper
165 100
63 2.1 59.0 88.4#
89 2.2 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.352 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion:165 Resp: 11271
Ion Ratio Lower Upper
165 100
63 2.1 44.6 66.8#
89 2.2 67.4 101.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.616 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG052598.D

Acq: 7 Mar 2022 20:08

Instrument :

BNA_G

ClientSampleId :

7-8-SAMPLE-LOCATION-4

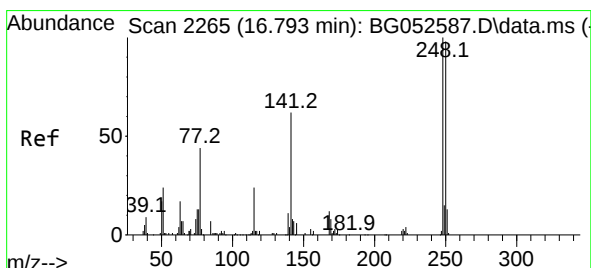
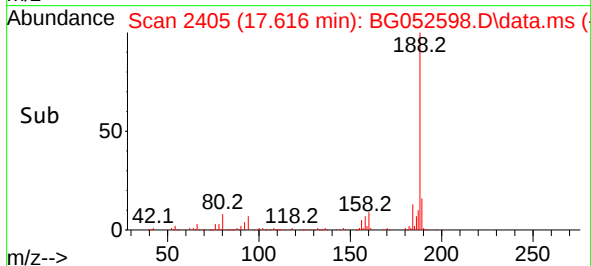
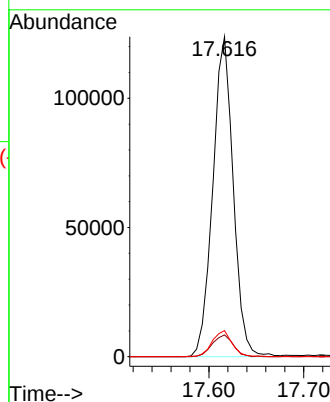
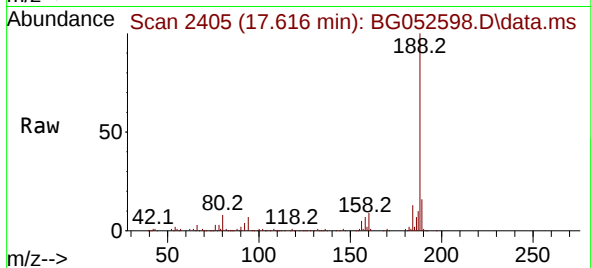
Tgt Ion:188 Resp: 185375

Ion Ratio Lower Upper

188 100

94 6.8 5.9 8.9

80 8.2 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.362 ng

RT: 16.353 min Scan# 2190

Delta R.T. -0.440 min

Lab File: BG052598.D

Acq: 7 Mar 2022 20:08

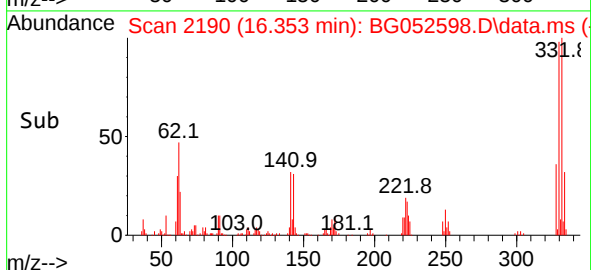
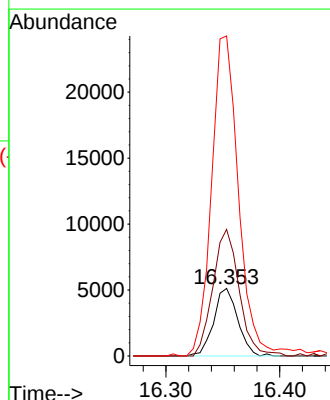
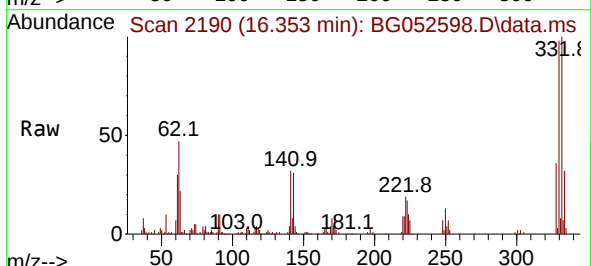
Tgt Ion:248 Resp: 7533

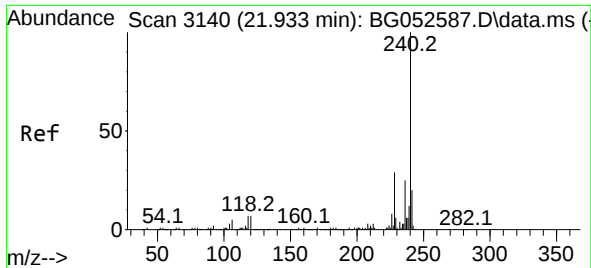
Ion Ratio Lower Upper

248 100

250 187.7 79.6 119.4#

141 474.5 54.6 81.8#

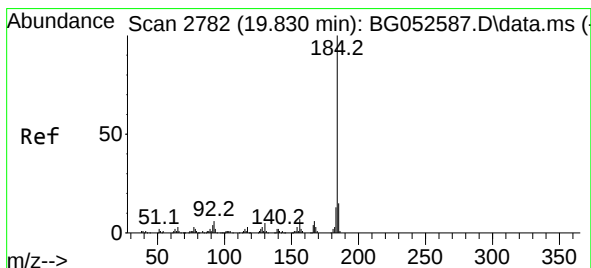
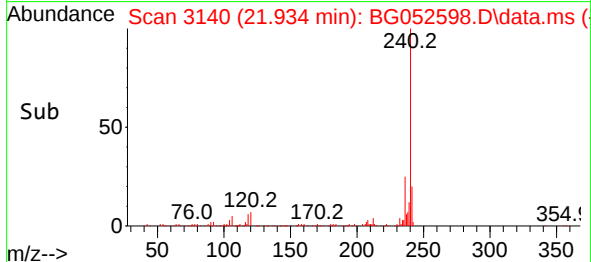
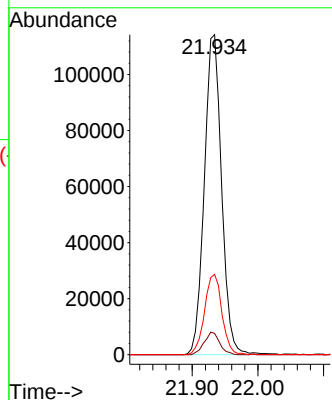
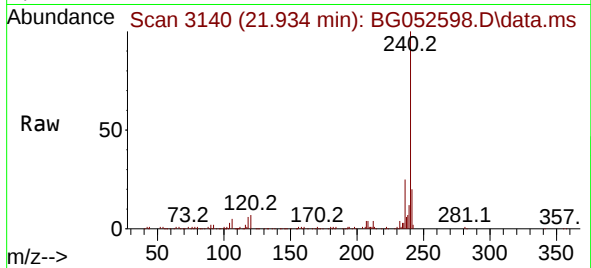




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

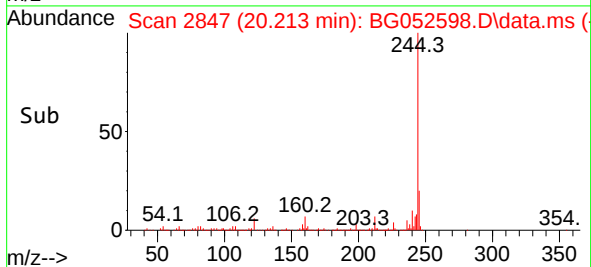
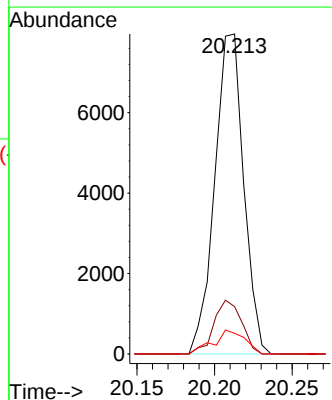
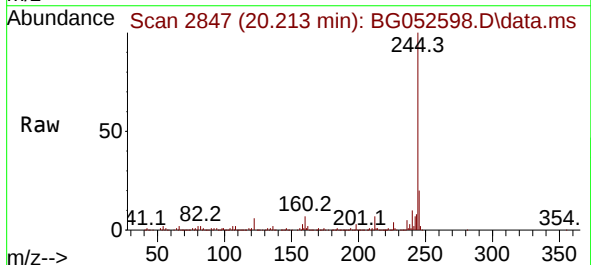
Instrument :
BNA_G
ClientSampleId :
7-8-SAMPLE-LOCATION-4

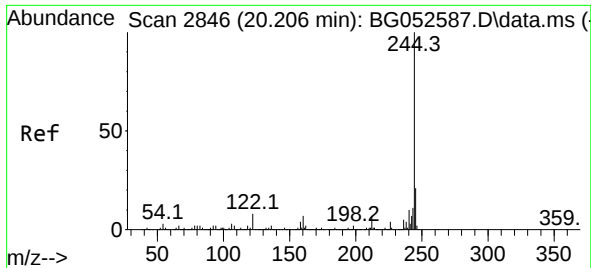
Tgt Ion:240 Resp: 209200
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.307 ng
RT: 20.213 min Scan# 2847
Delta R.T. 0.383 min
Lab File: BG052598.D
Acq: 7 Mar 2022 20:08

Tgt Ion:184 Resp: 10321
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 6.4 9.8 14.6#

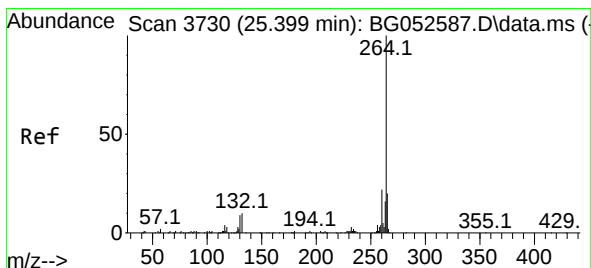
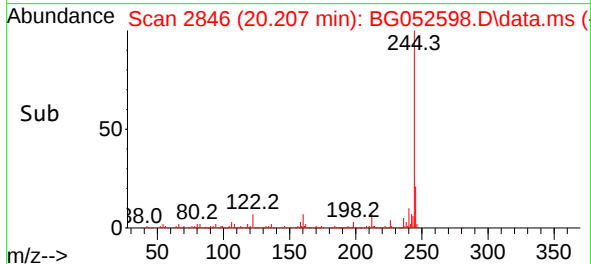
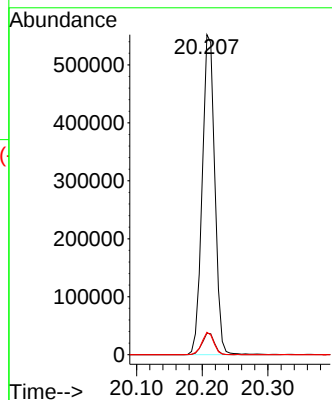
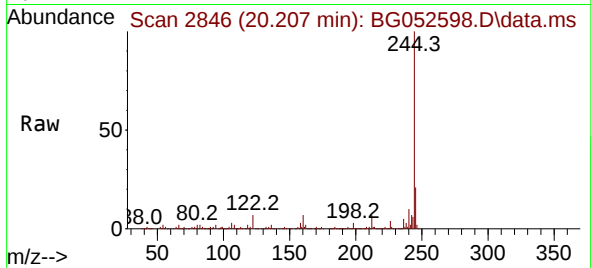




#79
 Terphenyl-d14
 Concen: 63.176 ng
 RT: 20.207 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG052598.D
 Acq: 7 Mar 2022 20:08

Instrument :
 BNA_G
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4

Tgt Ion:244 Resp: 738026
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3729
 Delta R.T. -0.005 min
 Lab File: BG052598.D
 Acq: 7 Mar 2022 20:08

Tgt Ion:264 Resp: 215900
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.5 17.8 26.6

