

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052593.D
 Acq On : 7 Mar 2022 16:51
 Operator : CG/JU
 Sample : N1730-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 08 01:29:20 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)

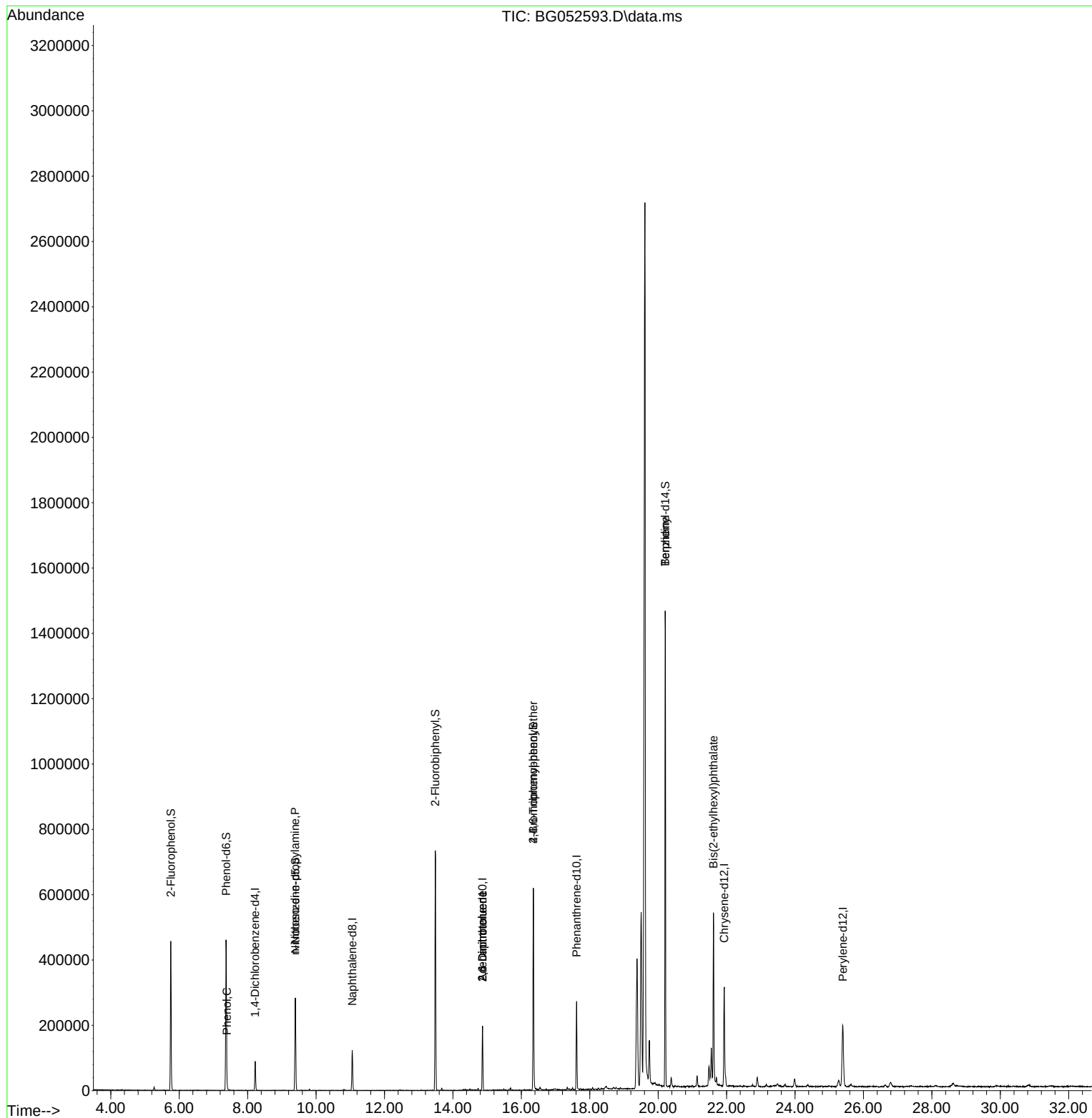
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26609	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	103306	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	71631	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	177616	20.000	ng	0.00
76) Chrysene-d12	21.933	240	203655	20.000	ng	0.00
86) Perylene-d12	25.399	264	220903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	194635	124.619	ng	0.00
7) Phenol-d6	7.370	99	263237	119.948	ng	0.00
23) Nitrobenzene-d5	9.397	82	185655	81.930	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	128680	124.997	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	401692	77.326	ng	0.00
79) Terphenyl-d14	20.206	244	769299	67.646	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.400	94	4778	2.185	ng	98
19) n-Nitroso-di-n-propyla...	9.391	70	25076	16.782	ng	# 72
51) 2,6-Dinitrotoluene	14.866	165	9489	7.924	ng	# 16
57) 2,4-Dinitrotoluene	14.866	165	9489	5.603	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	8172	3.807	ng	# 1
77) Benzidine	20.206	184	11424	2.623	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.616	149	232195	33.446	ng	# 54

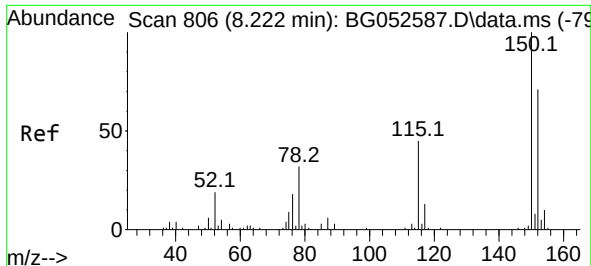
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052593.D
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Misc :
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Instrument :
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Quant Time: Mar 08 01:29:20 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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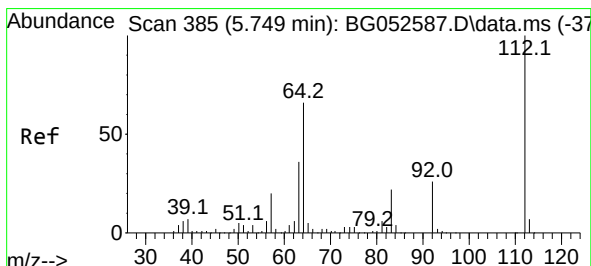
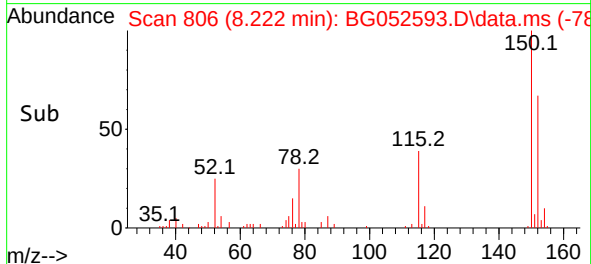
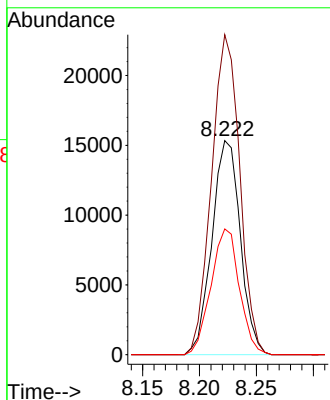
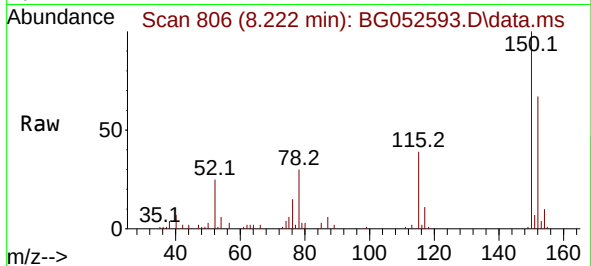




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

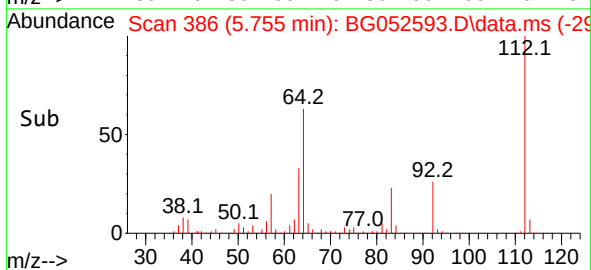
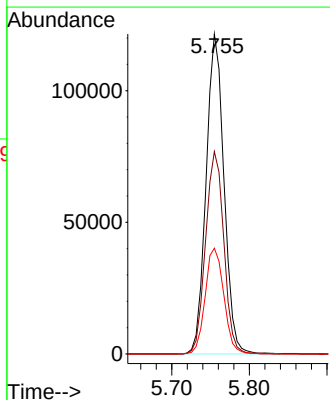
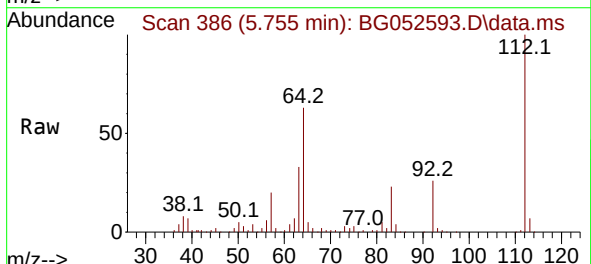
Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1

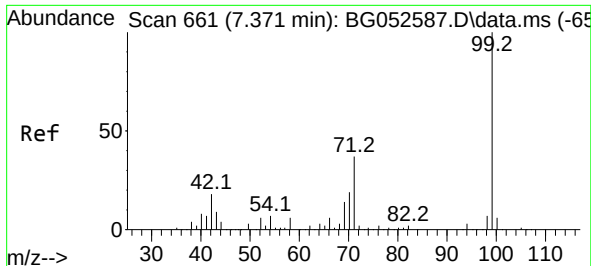
Tgt Ion:152 Resp: 26609
Ion Ratio Lower Upper
152 100
150 149.5 117.8 176.8
115 58.8 50.2 75.2



#5
2-Fluorophenol
Concen: 124.619 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion:112 Resp: 194635
Ion Ratio Lower Upper
112 100
64 63.3 60.4 90.6
63 33.1 33.3 49.9#

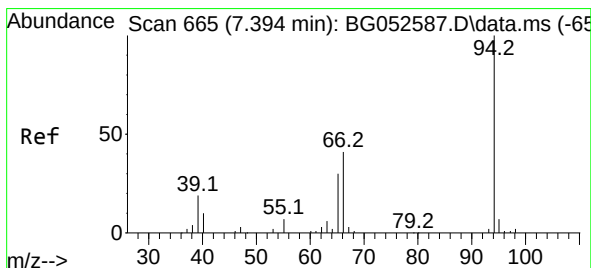
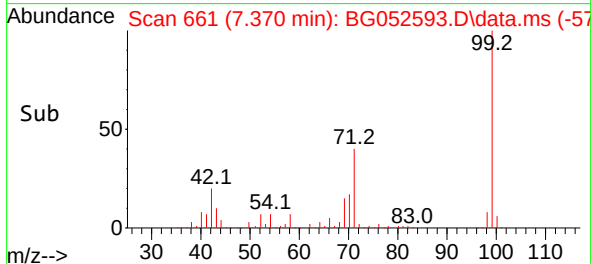
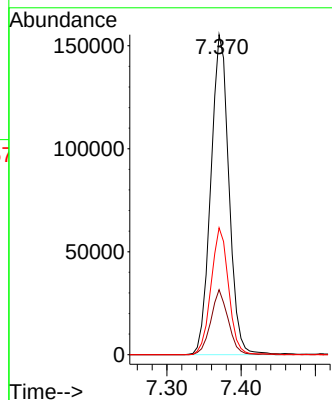
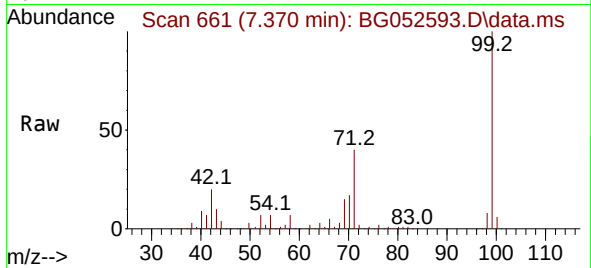




#7
Phenol-d6
Concen: 119.948 ng
RT: 7.370 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

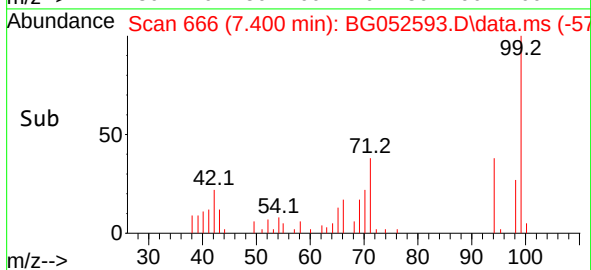
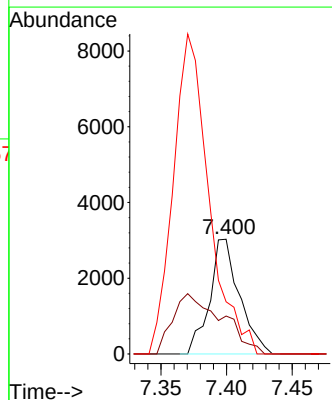
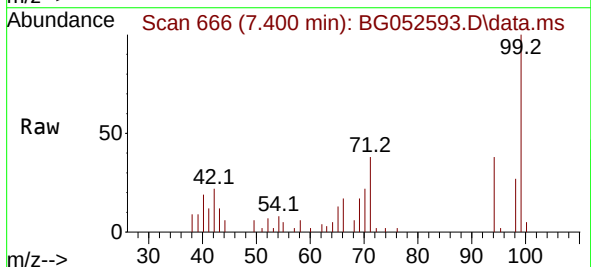
Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1

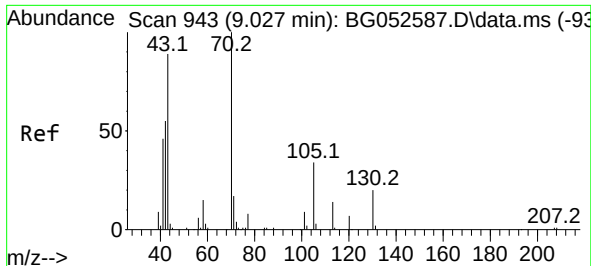
Tgt Ion: 99 Resp: 263237
Ion Ratio Lower Upper
99 100
42 20.3 19.1 28.7
71 39.6 33.4 50.2



#10
Phenol
Concen: 2.185 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion: 94 Resp: 4778
Ion Ratio Lower Upper
94 100
65 33.1 14.1 54.1
66 45.5 26.6 66.6

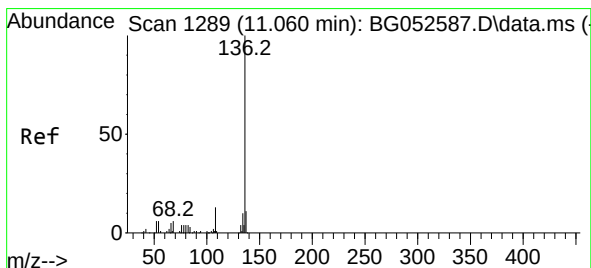
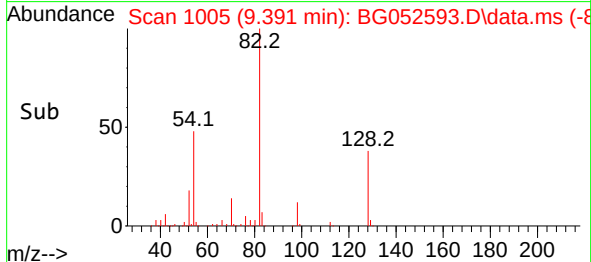
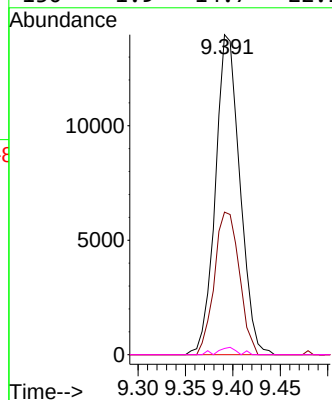
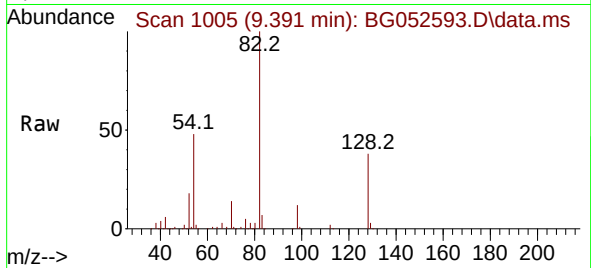




#19
n-Nitroso-di-n-propylamine
Concen: 16.782 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

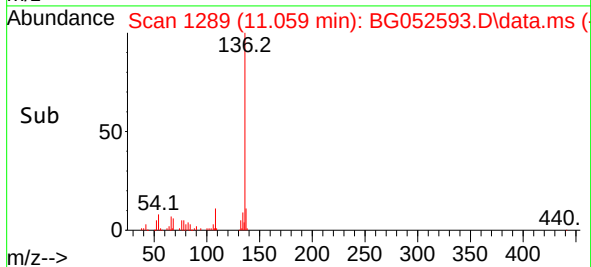
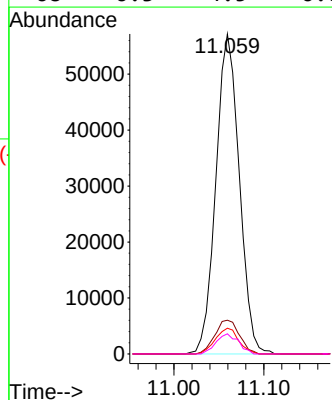
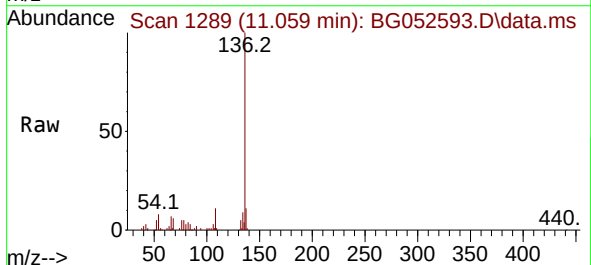
Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1

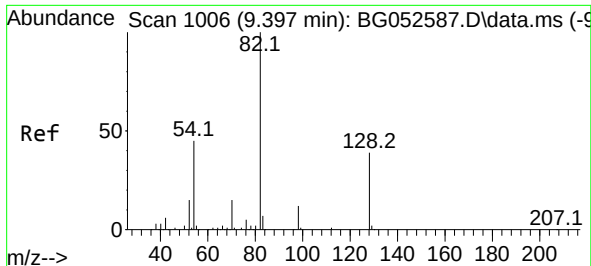
Tgt Ion: 70 Resp: 25076
Ion Ratio Lower Upper
70 100
42 44.5 51.8 77.6#
101 0.0 6.6 10.0#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 1289
Delta R.T. -0.001 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion:136 Resp: 103306
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.1 8.3 12.5#
68 6.3 4.5 6.7

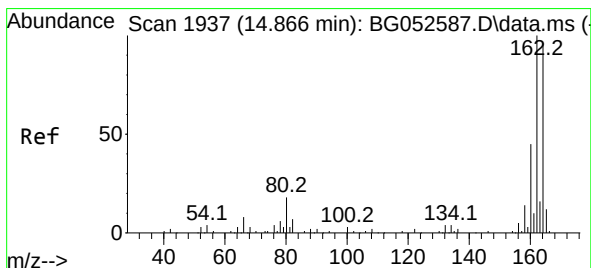
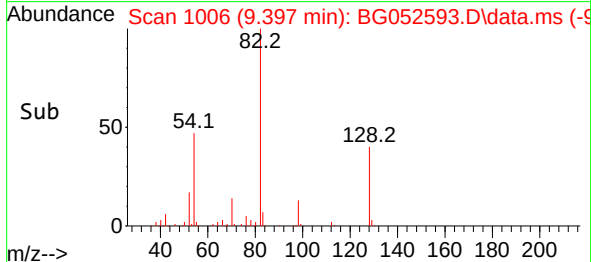
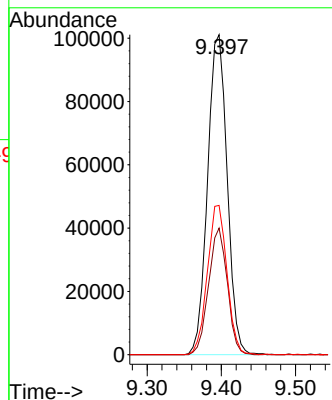
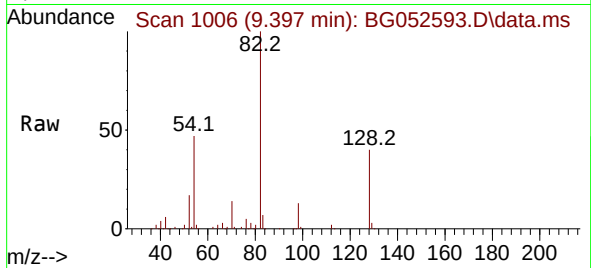




#23
Nitrobenzene-d5
Concen: 81.930 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

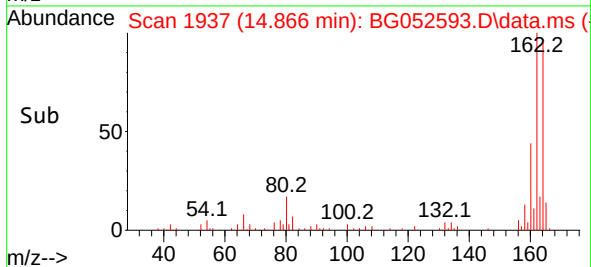
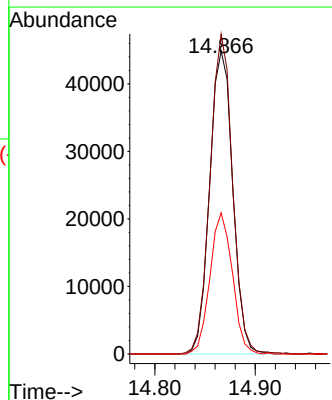
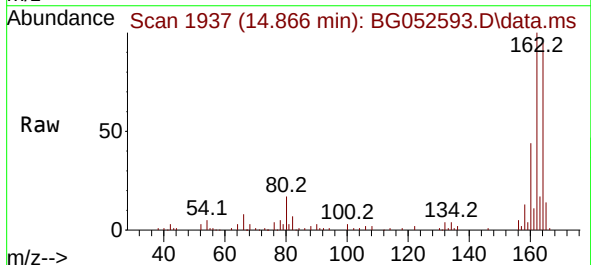
Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1

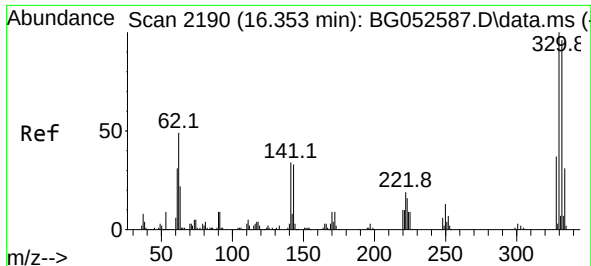
Tgt Ion: 82 Resp: 185655
Ion Ratio Lower Upper
82 100
128 39.5 27.0 40.4
54 46.7 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion:164 Resp: 71631
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 46.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 124.997 ng

RT: 16.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG052593.D

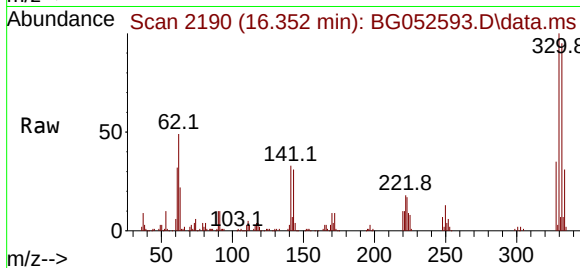
Acq: 7 Mar 2022 16:51

Instrument :

BNA_G

ClientSampleId :

1-2-SAMPLE-LOCATION-1



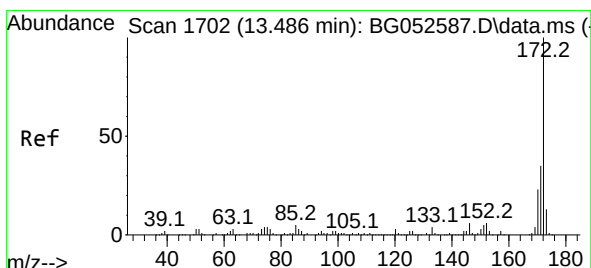
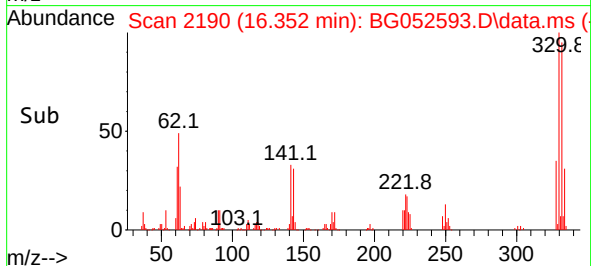
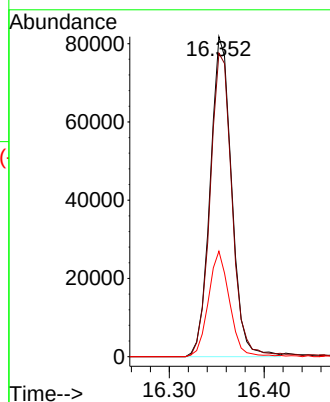
Tgt Ion:330 Resp: 128680

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

141 32.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 77.326 ng

RT: 13.486 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BG052593.D

Acq: 7 Mar 2022 16:51

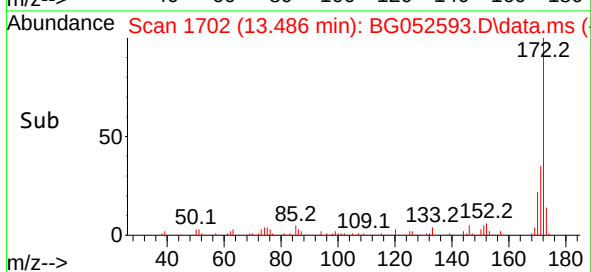
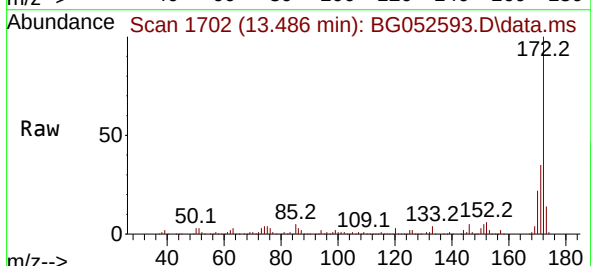
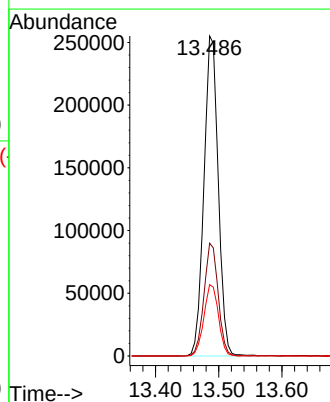
Tgt Ion:172 Resp: 401692

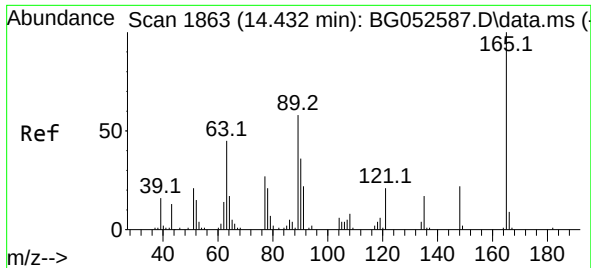
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 22.3 18.3 27.5

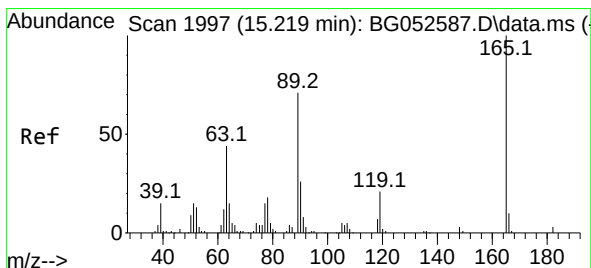
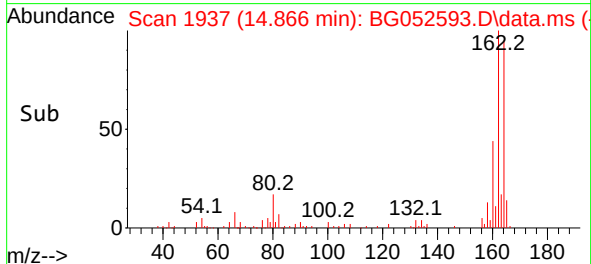
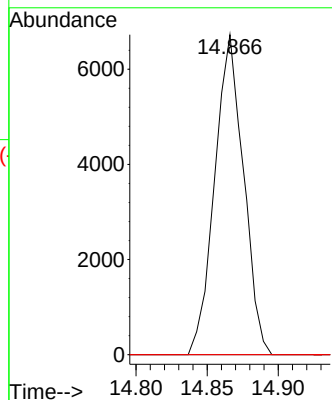
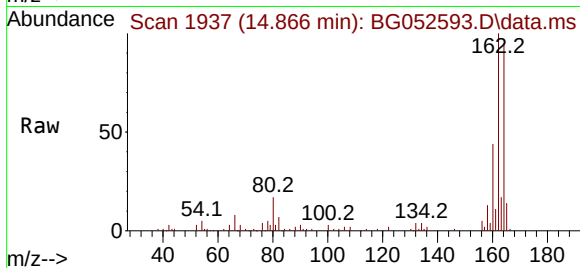




#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.434 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

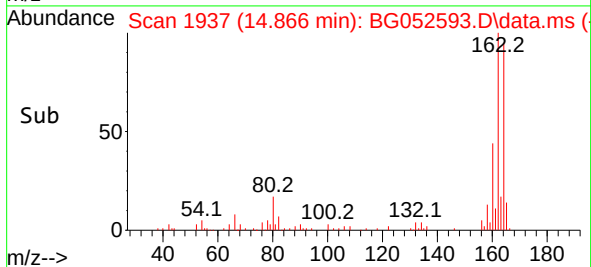
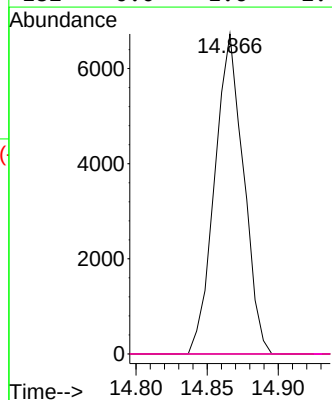
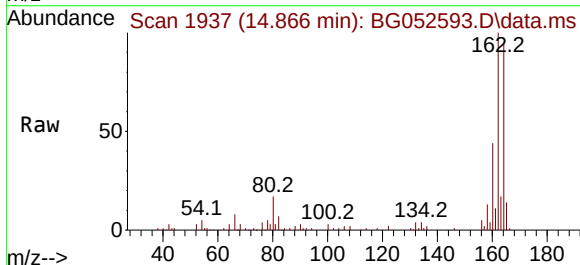
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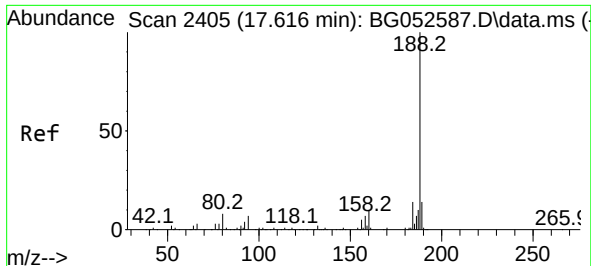
Tgt Ion:165 Resp: 9489
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.603 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.353 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion:165 Resp: 9489
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#

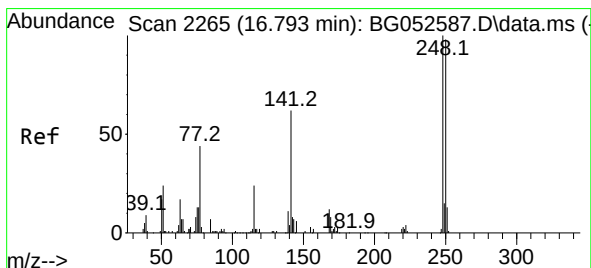
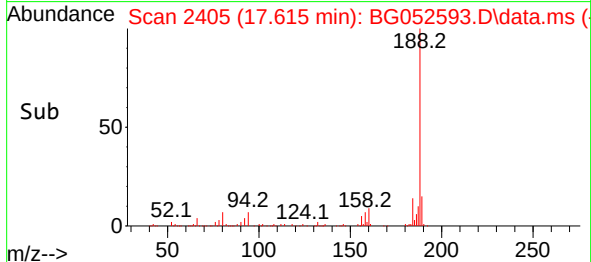
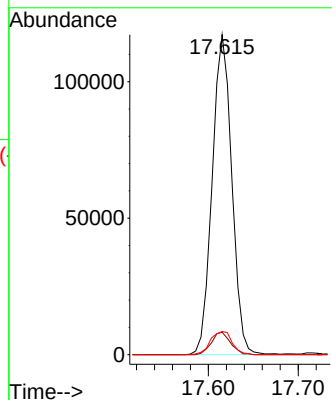
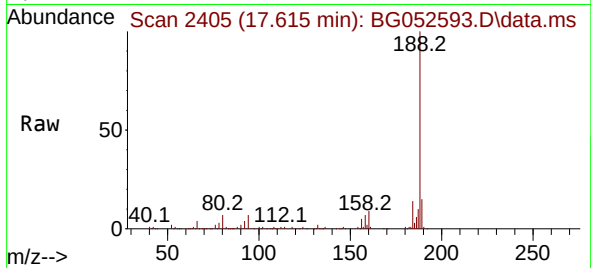




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

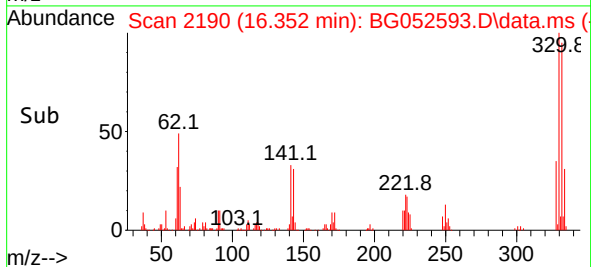
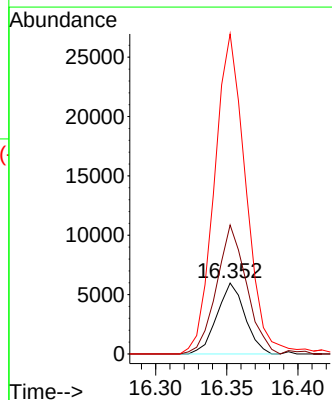
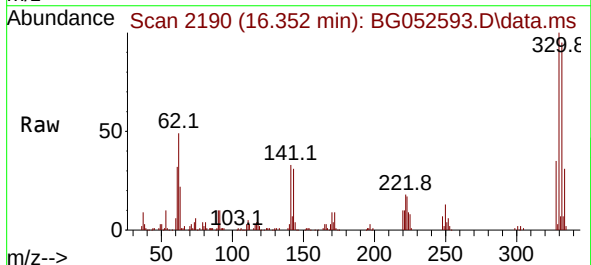
Instrument :
BNA_G
ClientSampleId :
1-2-SAMPLE-LOCATION-1

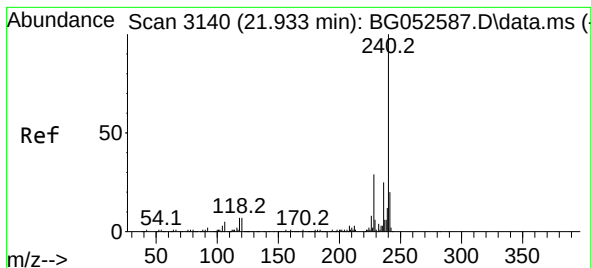
Tgt Ion:188 Resp: 177616
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 7.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.441 min
Lab File: BG052593.D
Acq: 7 Mar 2022 16:51

Tgt Ion:248 Resp: 8172
Ion Ratio Lower Upper
248 100
250 182.1 79.6 119.4#
141 451.9 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.933 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BG052593.D

Acq: 7 Mar 2022 16:51

Instrument :

BNA_G

ClientSampleId :

1-2-SAMPLE-LOCATION-1

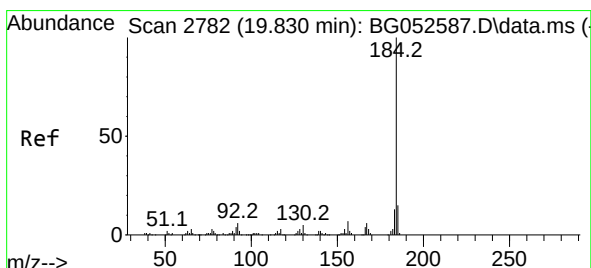
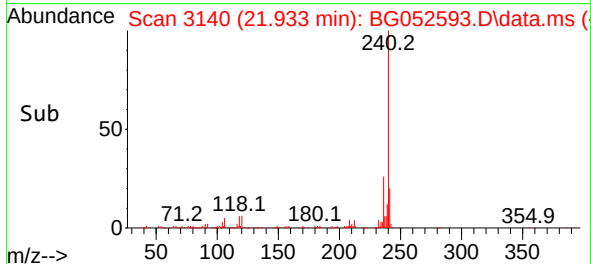
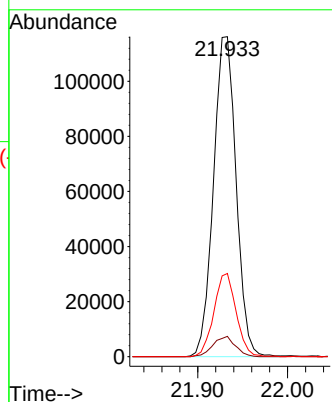
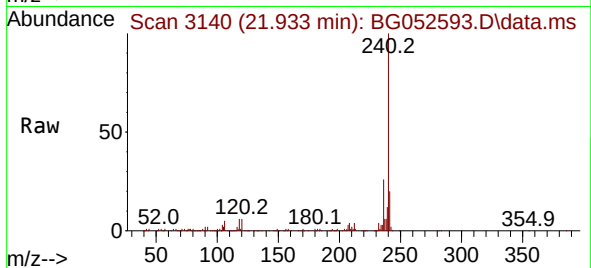
Tgt Ion:240 Resp: 203655

Ion Ratio Lower Upper

240 100

120 6.3 4.4 6.6

236 26.0 20.8 31.2



#77

Benzidine

Concen: 2.623 ng

RT: 20.206 min Scan# 2846

Delta R.T. 0.376 min

Lab File: BG052593.D

Acq: 7 Mar 2022 16:51

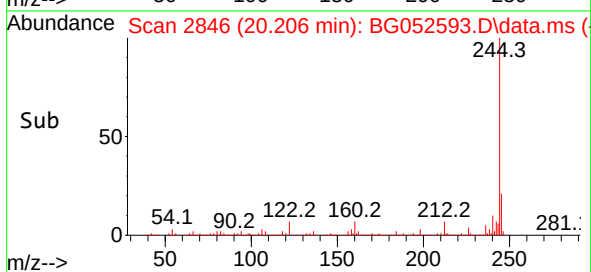
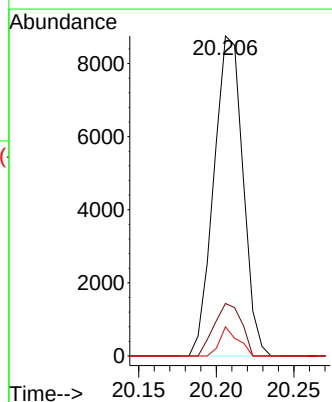
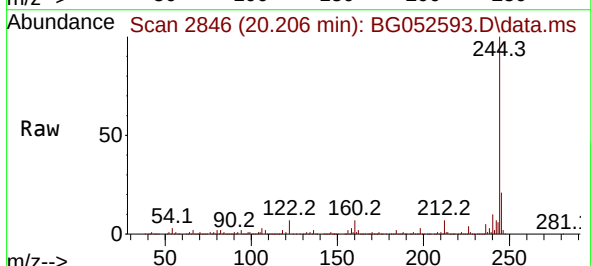
Tgt Ion:184 Resp: 11424

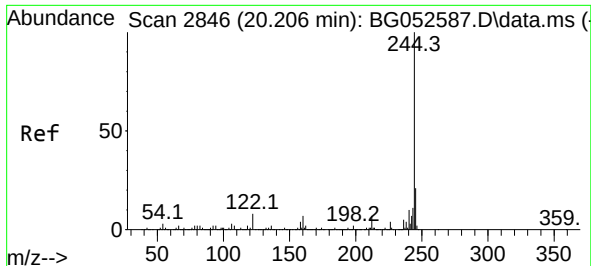
Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 9.1 9.8 14.6#

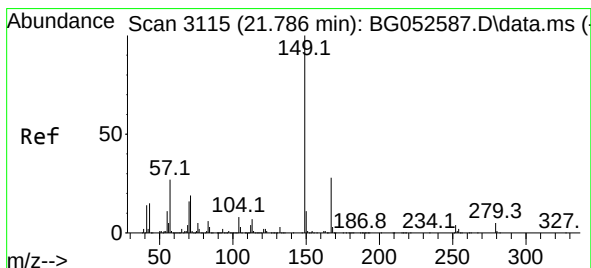
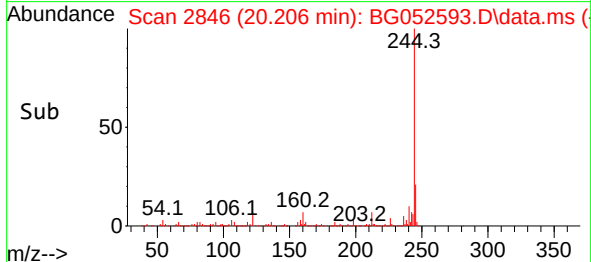
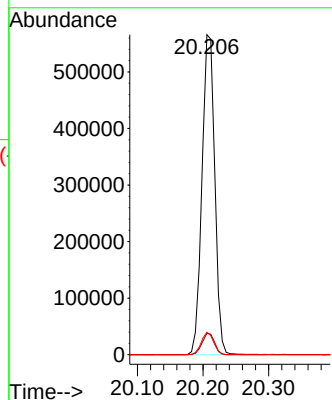
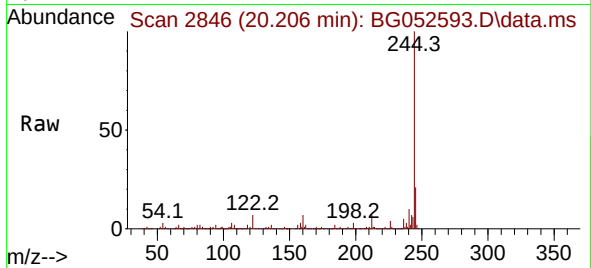




#79
 Terphenyl-d14
 Concen: 67.646 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG052593.D
 Acq: 7 Mar 2022 16:51

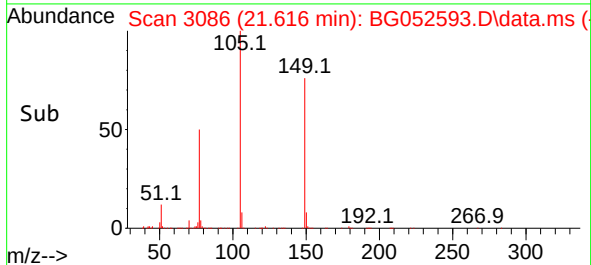
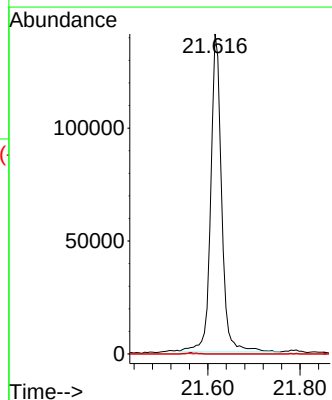
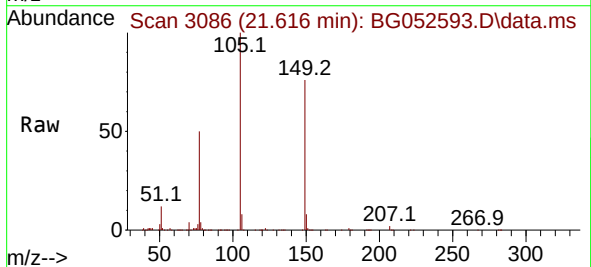
Instrument :
 BNA_G
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

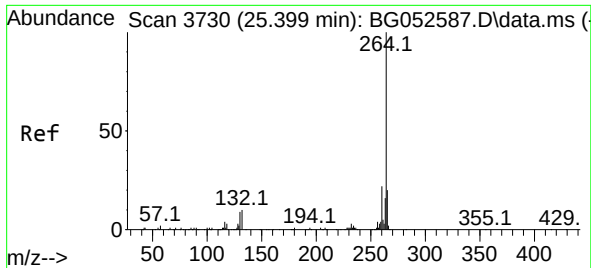
Tgt Ion:244 Resp: 769299
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.0 6.2 9.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.446 ng
 RT: 21.616 min Scan# 3086
 Delta R.T. -0.171 min
 Lab File: BG052593.D
 Acq: 7 Mar 2022 16:51

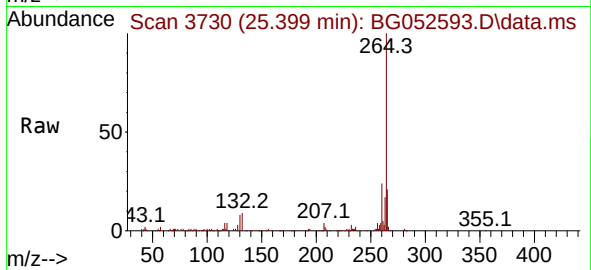
Tgt Ion:149 Resp: 232195
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 4.2 6.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.399 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG052593.D
 Acq: 7 Mar 2022 16:51

Instrument :
 BNA_G
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1



Tgt Ion:264 Resp: 220903
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 21.1 17.8 26.6

