

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055116.D
 Acq On : 10 Oct 2022 17:22
 Operator : CG/JU
 Sample : N5052-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 551B-2

Quant Time: Oct 11 04:05:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

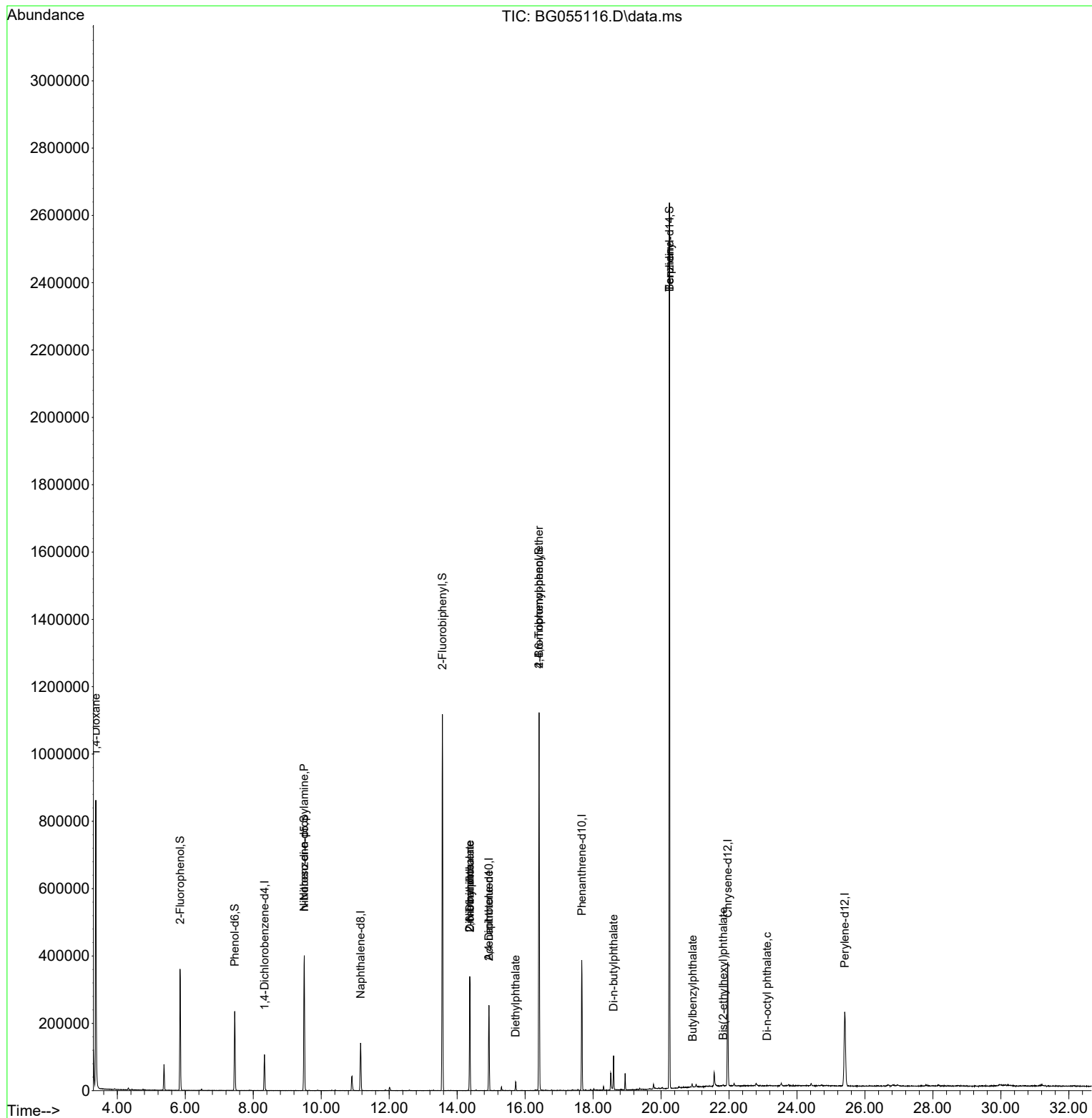
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	30653	20.000	ng	0.00
21) Naphthalene-d8	11.158	136	123488	20.000	ng	-0.01
39) Acenaphthene-d10	14.935	164	91073	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	243578	20.000	ng	0.00
76) Chrysene-d12	21.962	240	248258	20.000	ng	0.00
86) Perylene-d12	25.406	264	262828	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.846	112	150419	108.995	ng	0.00
7) Phenol-d6	7.456	99	129801	62.774	ng	0.00
23) Nitrobenzene-d5	9.501	82	234445	113.445	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	228335	235.877	ng	0.00
45) 2-Fluorobiphenyl	13.566	172	573769	98.352	ng	0.00
79) Terphenyl-d14	20.247	244	1271408	103.512	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.367	88	7205	9.227	ng	# 1
19) n-Nitroso-di-n-propyla...	9.501	70	33547	16.749	ng	# 73
48) 2-Nitroaniline	14.371	65	2343	5.596	ng	# 1
50) Dimethylphthalate	14.371	163	225845	36.537	ng	98
51) 2,6-Dinitrotoluene	14.371	165	2412	5.270	ng	# 4
57) 2,4-Dinitrotoluene	14.935	165	11661	9.844	ng	# 15
60) Diethylphthalate	15.723	149	14935	2.342	ng	94
67) 4-Bromophenyl-phenylether	16.410	248	15008	5.826	ng	# 1
74) Di-n-butylphthalate	18.602	149	69869	6.128	ng	99
77) Benzidine	20.247	184	20081	4.695	ng	# 94
80) Butylbenzylphthalate	20.928	149	169	4.868	ng	# 70
84) Bis(2-ethylhexyl)phtha...	21.827	149	2074	4.346	ng	# 91
85) Di-n-octyl phthalate	23.120	149	531	4.378	ng	# 23

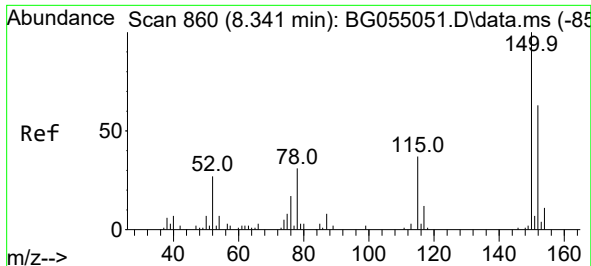
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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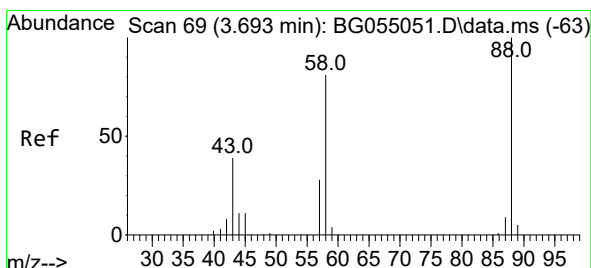
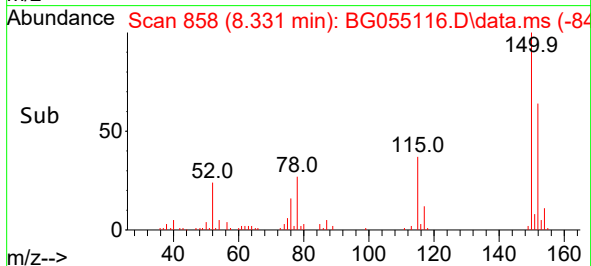
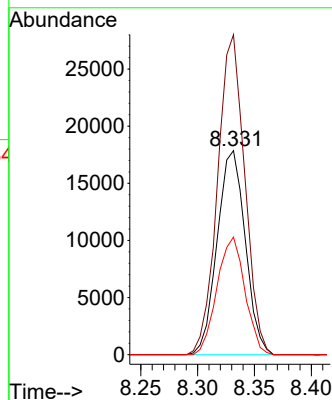
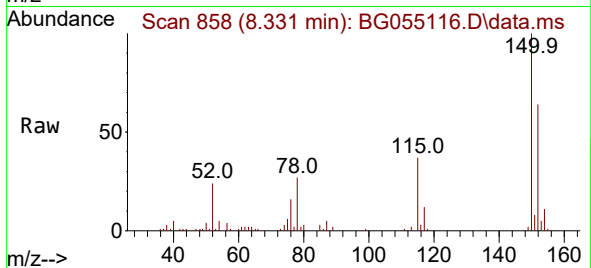




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

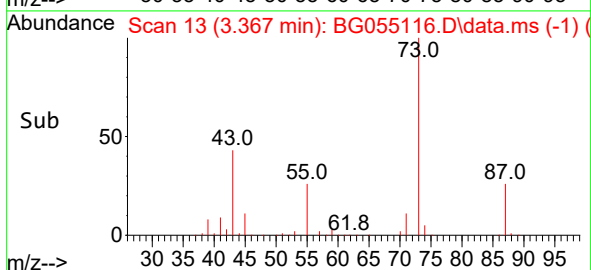
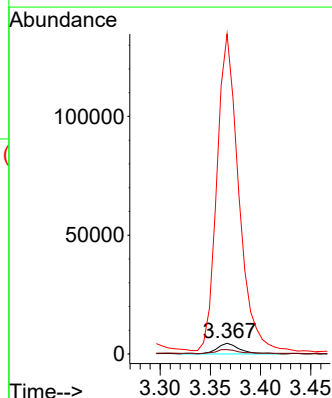
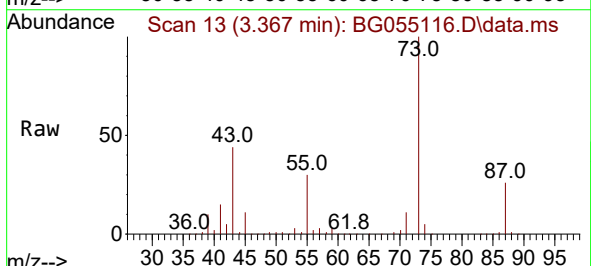
Instrument :
BNA_G
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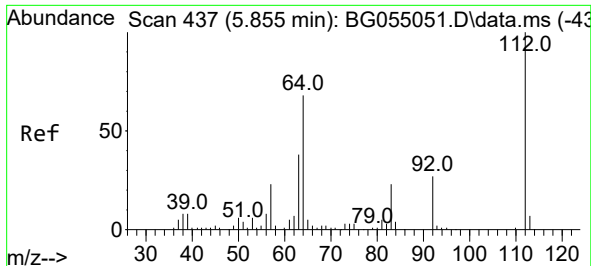
Tgt Ion:152 Resp: 30653
Ion Ratio Lower Upper
152 100
150 156.9 128.0 192.0
115 57.7 47.7 71.5



#2
1,4-Dioxane
Concen: 9.227 ng
RT: 3.367 min Scan# 13
Delta R.T. -0.318 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion: 88 Resp: 7205
Ion Ratio Lower Upper
88 100
58 41.4 62.6 94.0#
43 2822.7 29.0 43.6#

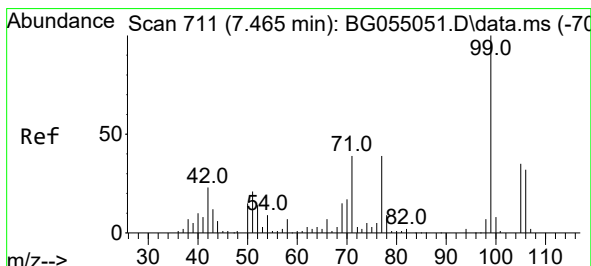
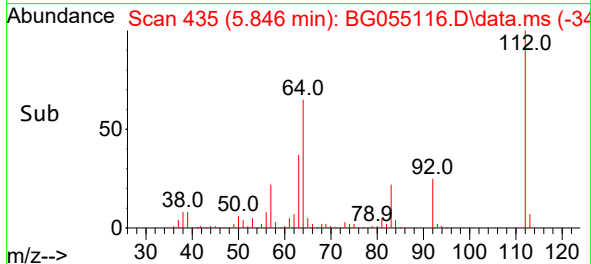
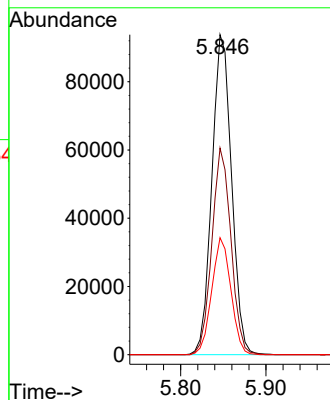
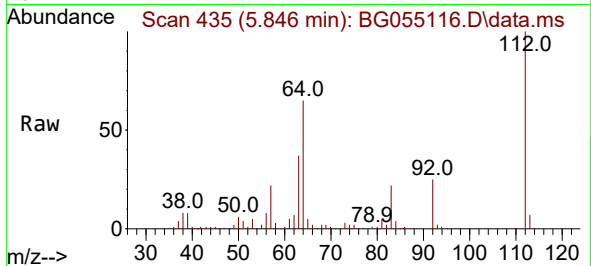




#5
2-Fluorophenol
Concen: 108.995 ng
RT: 5.846 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

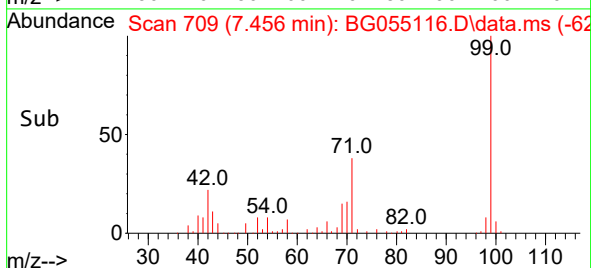
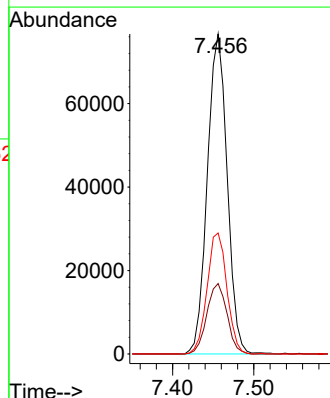
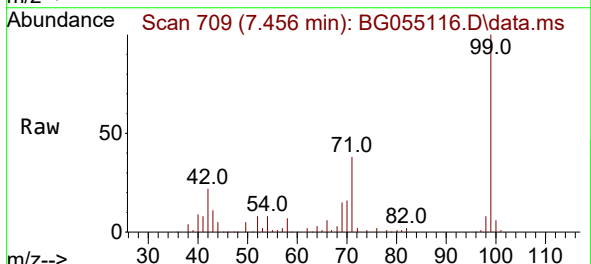
Instrument :
BNA_G
ClientSampleId :
551B-2

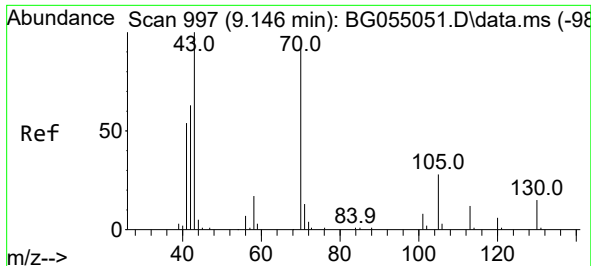
Tgt Ion:112 Resp: 150419
Ion Ratio Lower Upper
112 100
64 64.6 54.5 81.7
63 36.5 30.5 45.7



#7
Phenol-d6
Concen: 62.774 ng
RT: 7.456 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion: 99 Resp: 129801
Ion Ratio Lower Upper
99 100
42 22.0 18.6 28.0
71 37.8 31.2 46.8

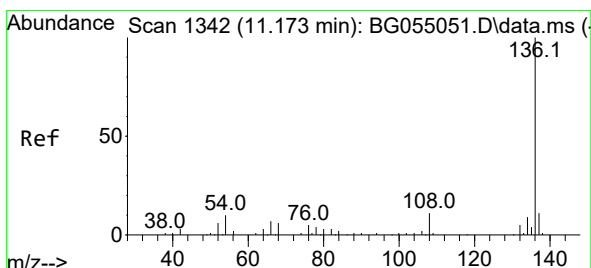
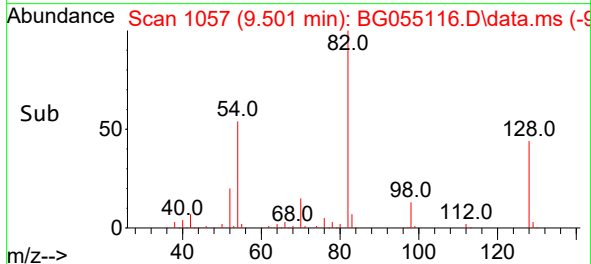
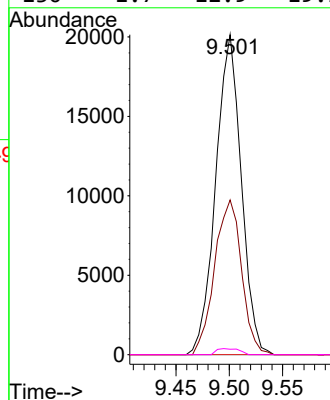
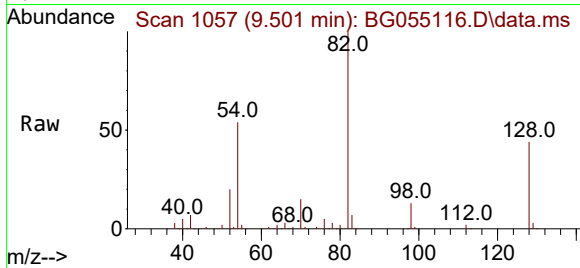




#19
n-Nitroso-di-n-propylamine
Concen: 16.749 ng
RT: 9.501 min Scan# 1057
Delta R.T. 0.364 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

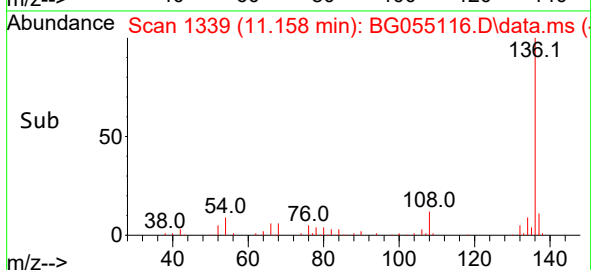
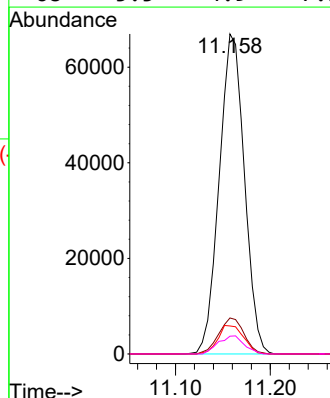
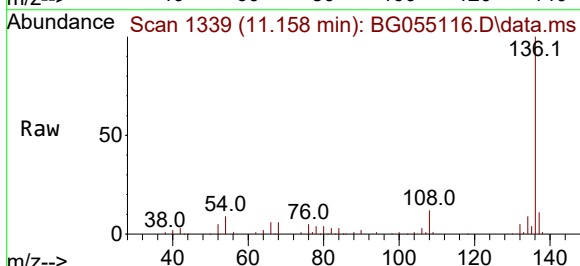
Instrument :
BNA_G
ClientSampleId :
551B-2

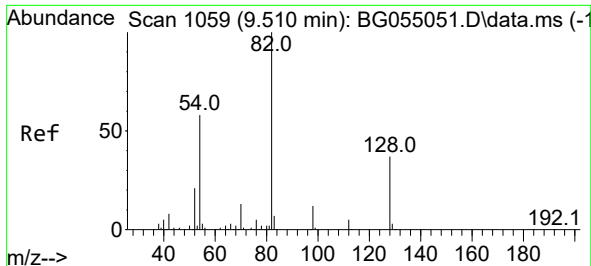
Tgt Ion: 70 Resp: 33547
Ion Ratio Lower Upper
70 100
42 48.3 55.8 83.6#
101 0.0 7.1 10.7#
130 1.7 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:136 Resp: 123488
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.7 8.2 12.4
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 113.445 ng

RT: 9.501 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

Instrument :

BNA_G

ClientSampleId :

551B-2

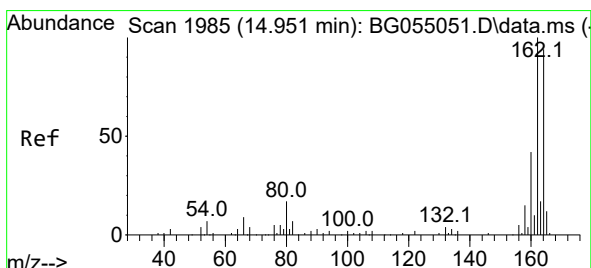
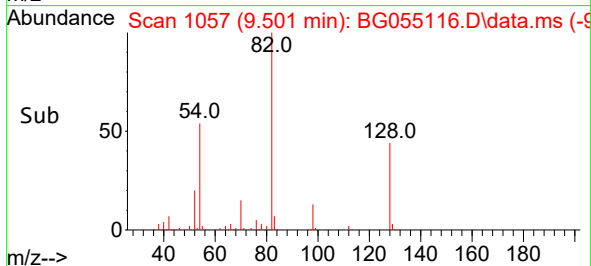
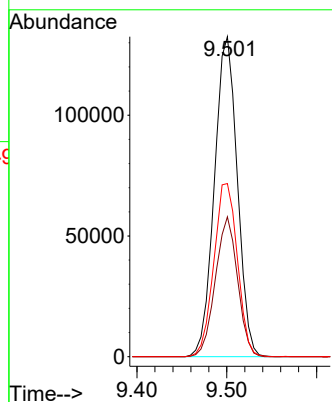
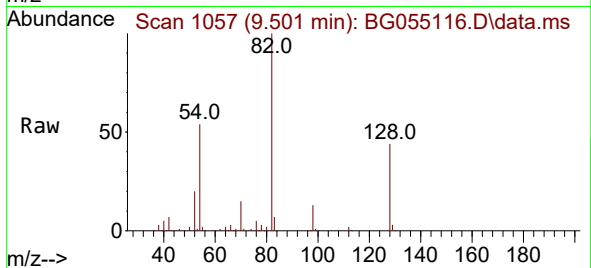
Tgt Ion: 82 Resp: 234445

Ion Ratio Lower Upper

82 100

128 43.7 29.5 44.3

54 54.1 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.935 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

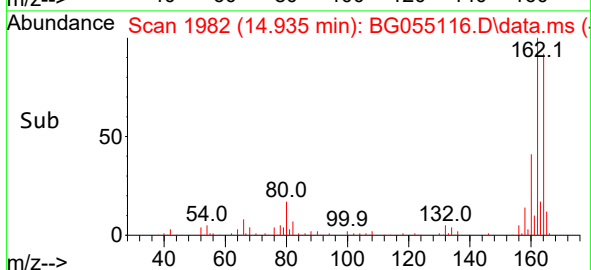
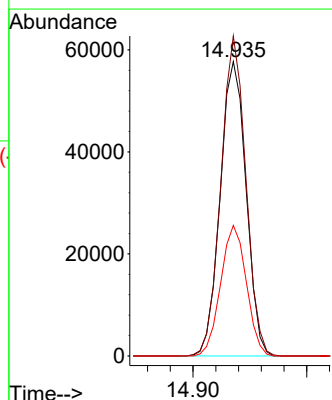
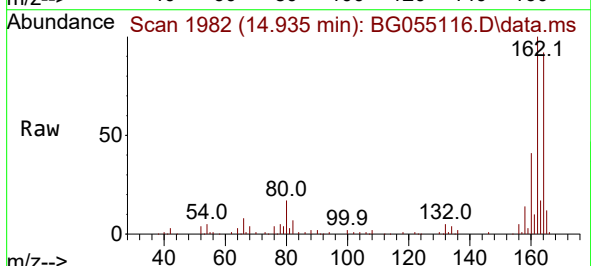
Tgt Ion:164 Resp: 91073

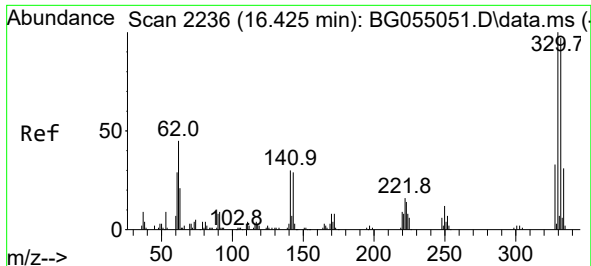
Ion Ratio Lower Upper

164 100

162 108.7 85.5 128.3

160 44.4 35.5 53.3

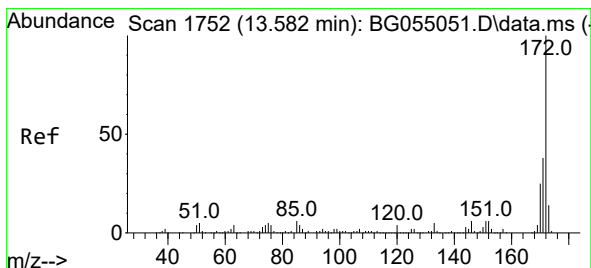
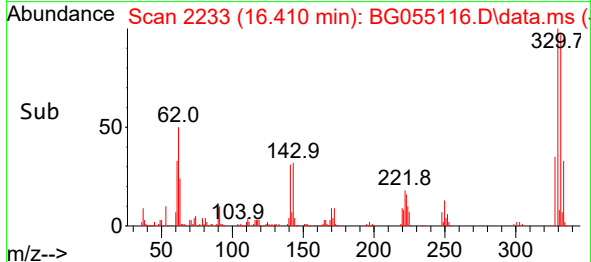
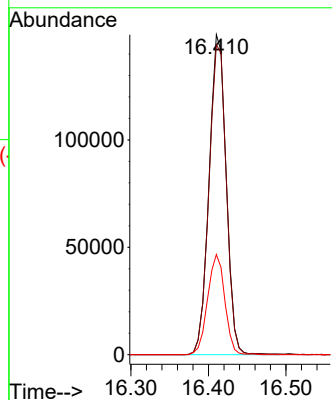
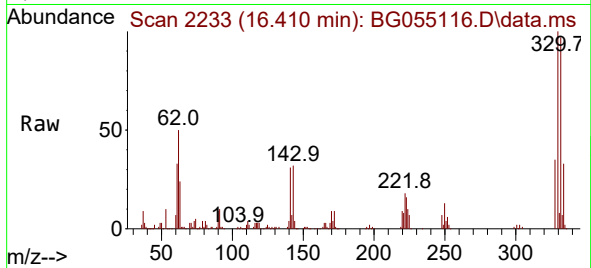




#42
2,4,6-Tribromophenol
Concen: 235.877 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

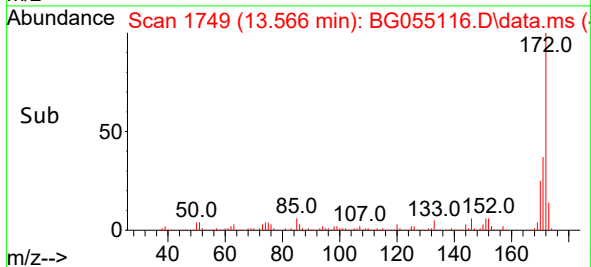
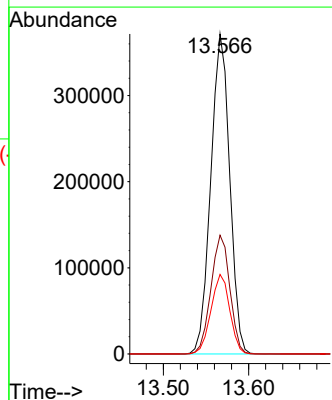
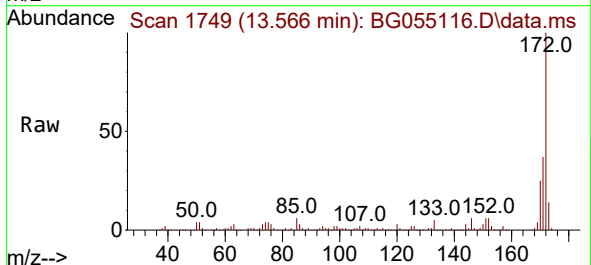
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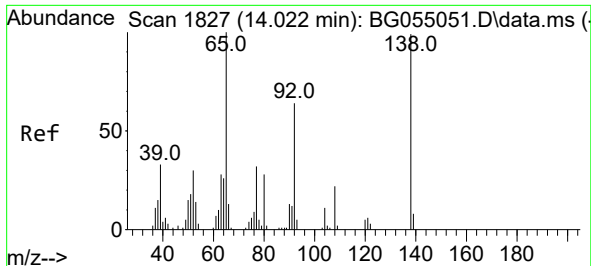
Tgt Ion:330 Resp: 228335
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 31.3 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 98.352 ng
RT: 13.566 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:172 Resp: 573769
Ion Ratio Lower Upper
172 100
171 37.1 30.1 45.1
170 24.9 20.0 30.0

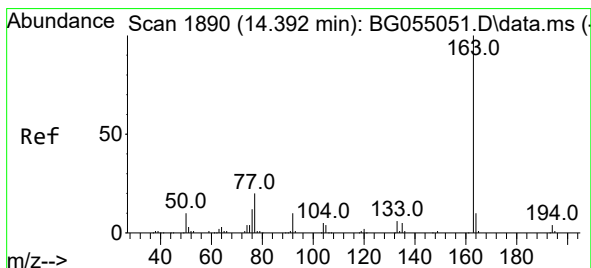
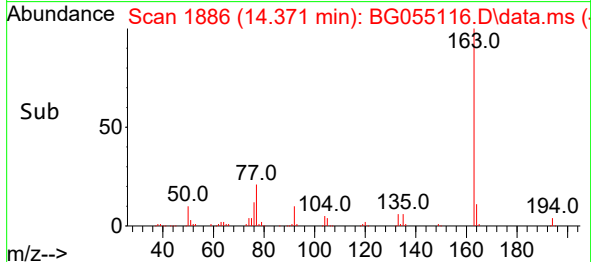
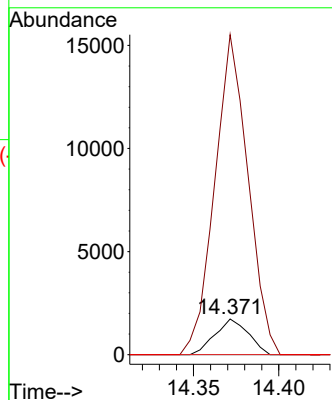
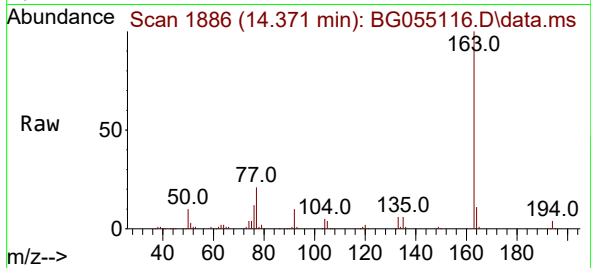




#48
2-Nitroaniline
Concen: 5.596 ng
RT: 14.371 min Scan# 1886
Delta R.T. 0.352 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

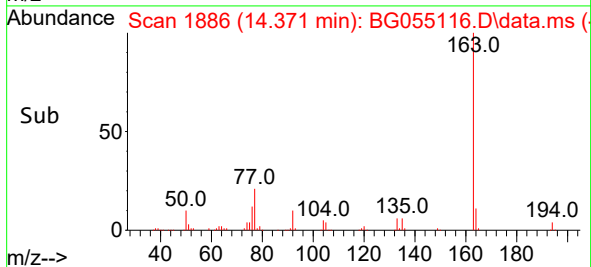
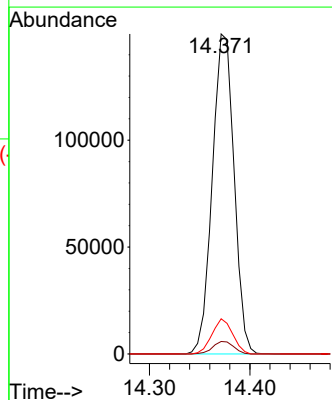
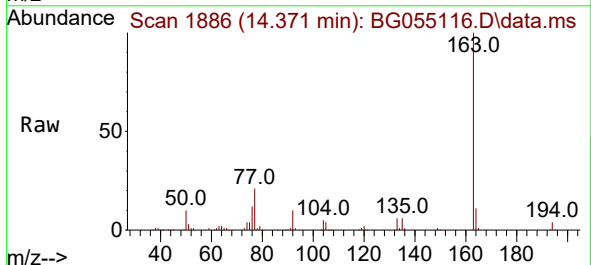
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551B-2

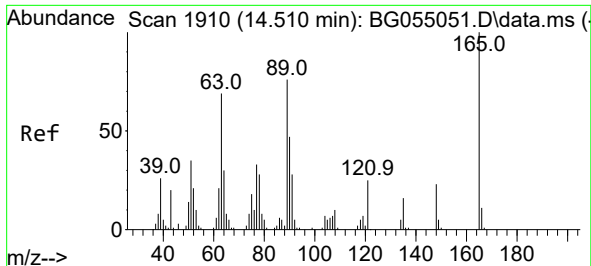
Tgt Ion: 65 Resp: 2343
Ion Ratio Lower Upper
65 100
92 896.1 50.9 76.3#
138 0.0 79.5 119.3#



#50
Dimethylphthalate
Concen: 36.537 ng
RT: 14.371 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:163 Resp: 225845
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 11.0 7.9 11.9

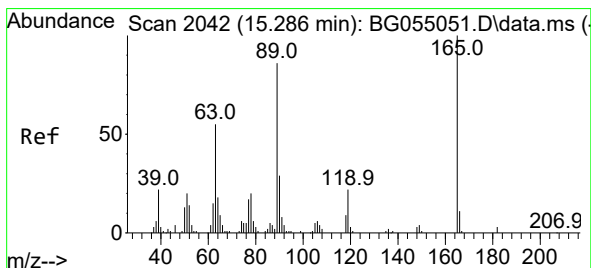
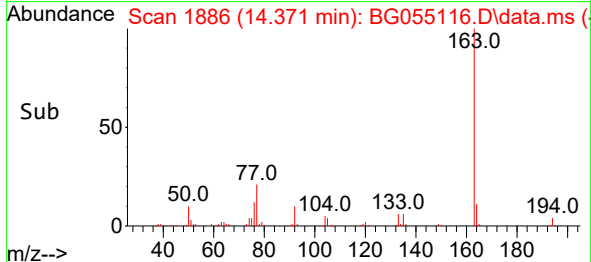
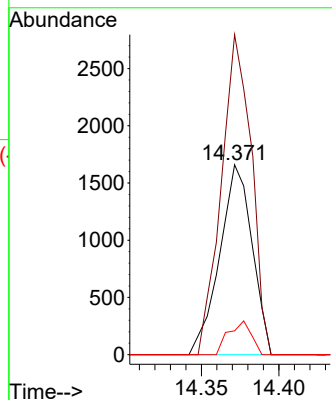
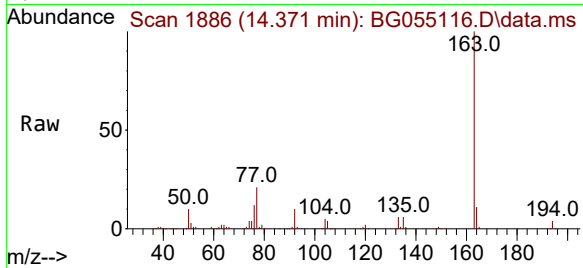




#51
2,6-Dinitrotoluene
Concen: 5.270 ng
RT: 14.371 min Scan# 1886
Delta R.T. -0.136 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

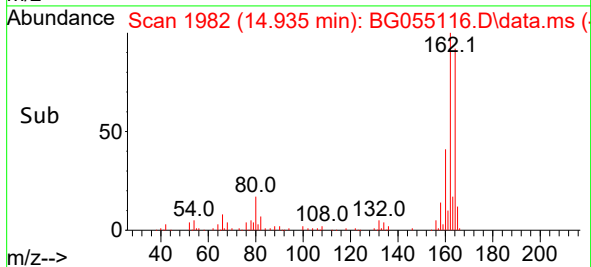
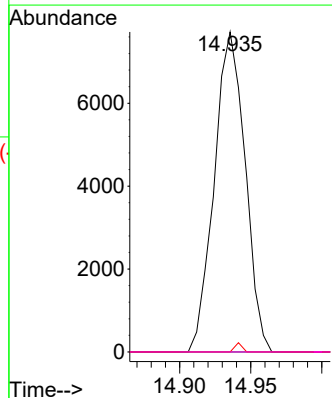
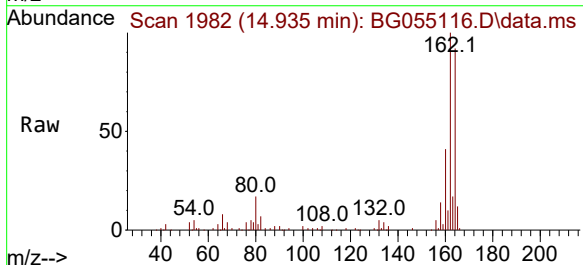
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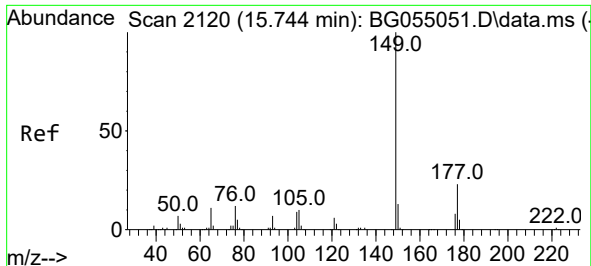
Tgt Ion:165 Resp: 2412
Ion Ratio Lower Upper
165 100
63 168.4 56.2 84.4#
89 12.5 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.844 ng
RT: 14.935 min Scan# 1982
Delta R.T. -0.347 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:165 Resp: 11661
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#

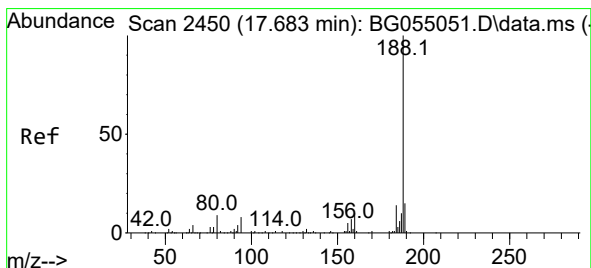
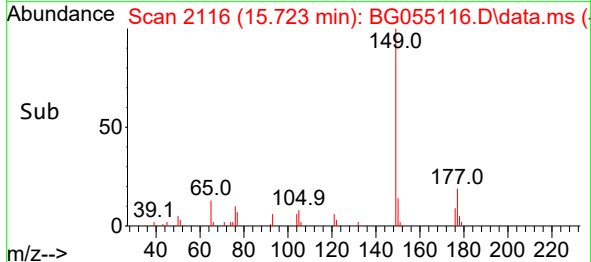
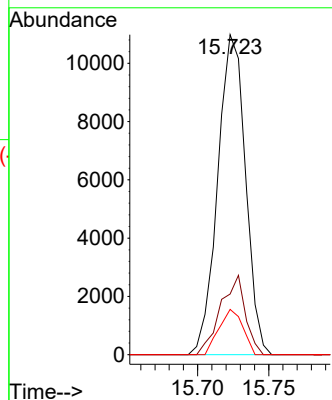
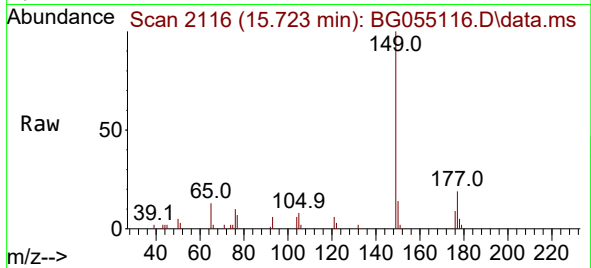




#60
Diethylphthalate
Concen: 2.342 ng
RT: 15.723 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

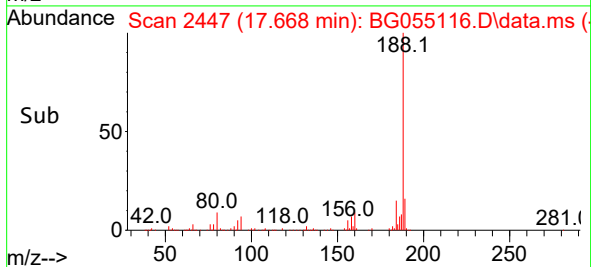
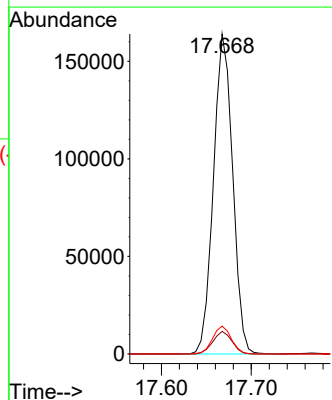
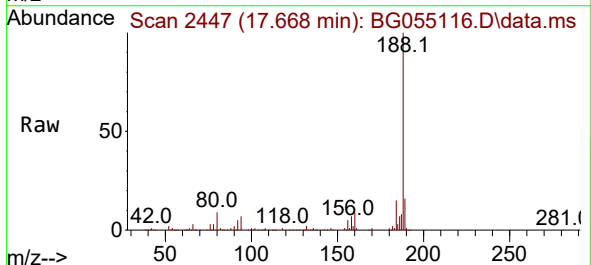
Instrument :
BNA_G
ClientSampleId :
551B-2

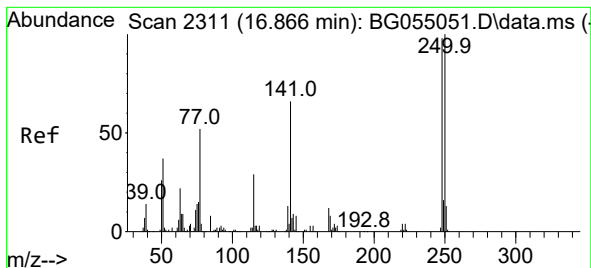
Tgt Ion:149 Resp: 14935
Ion Ratio Lower Upper
149 100
177 18.9 18.2 27.2
150 14.1 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.668 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:188 Resp: 243578
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 8.7 7.2 10.8

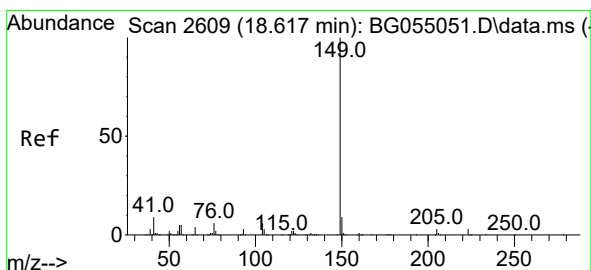
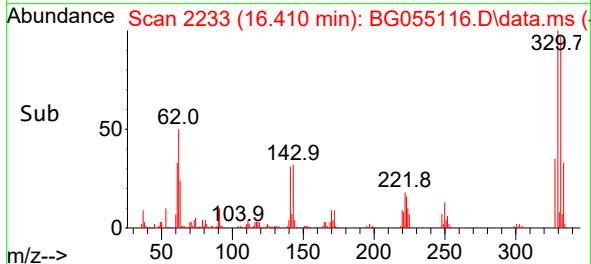
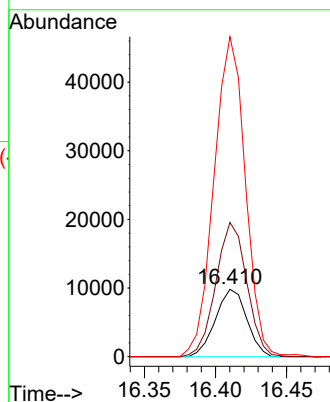
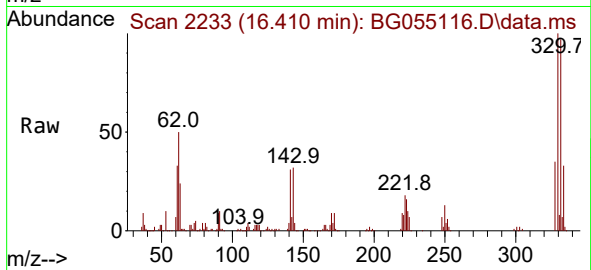




#67
4-Bromophenyl-phenylether
Concen: 5.826 ng
RT: 16.410 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

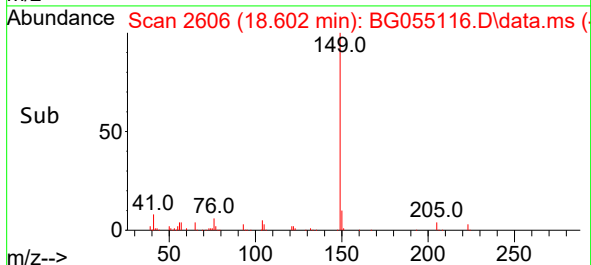
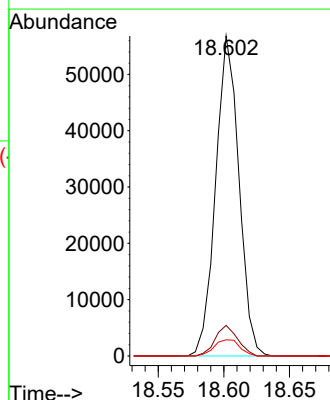
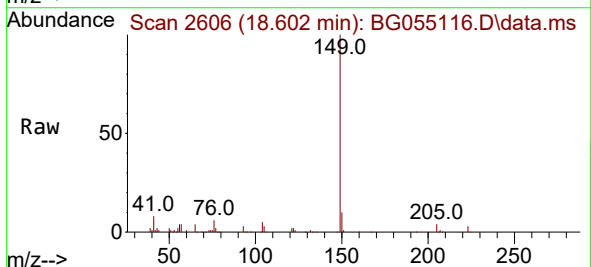
Instrument :
BNA_G
ClientSampleId :
551B-2

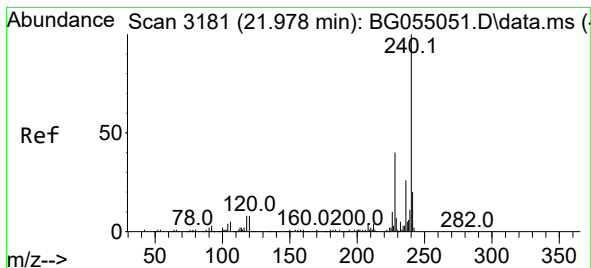
Tgt Ion:248 Resp: 15008
Ion Ratio Lower Upper
248 100
250 199.2 81.7 122.5#
141 474.5 53.7 80.5#



#74
Di-n-butylphthalate
Concen: 6.128 ng
RT: 18.602 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BG055116.D
Acq: 10 Oct 2022 17:22

Tgt Ion:149 Resp: 69869
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.0 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.962 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

Instrument :

BNA_G

ClientSampleId :

551B-2

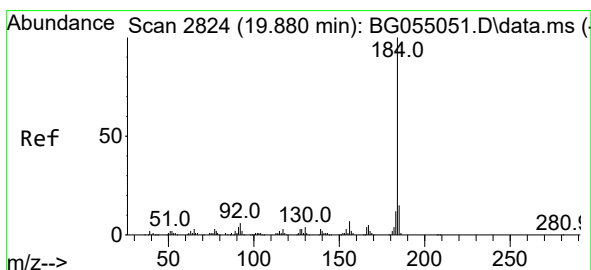
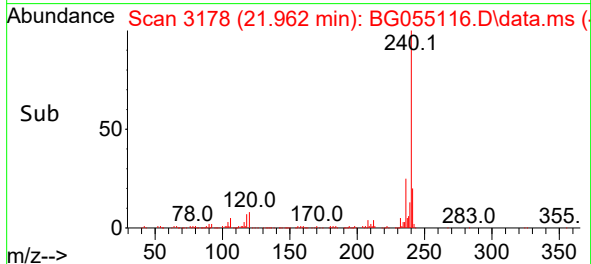
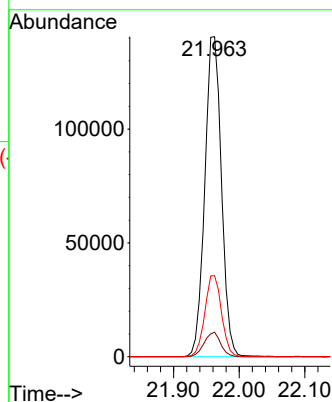
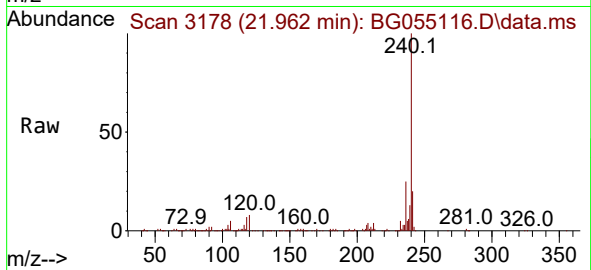
Tgt Ion:240 Resp: 248258

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

236 25.3 20.6 30.8



#77

Benzidine

Concen: 4.695 ng

RT: 20.247 min Scan# 2886

Delta R.T. 0.376 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

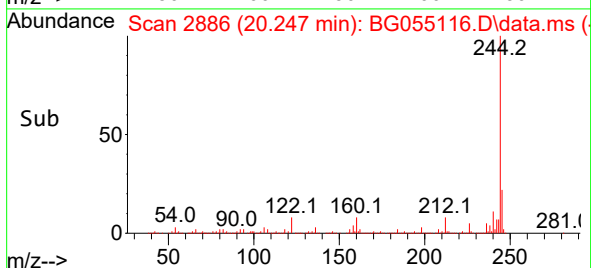
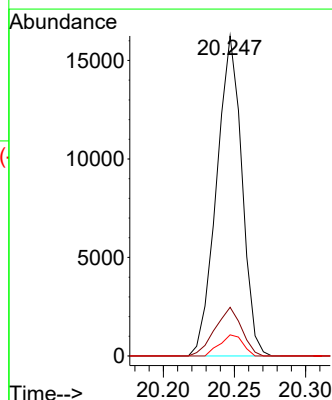
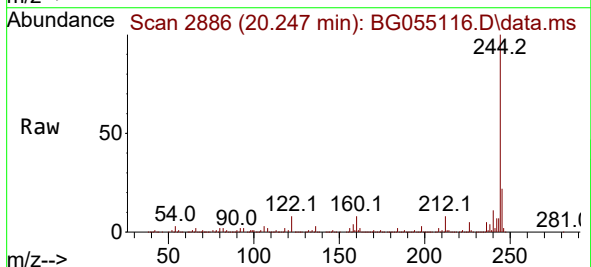
Tgt Ion:184 Resp: 20081

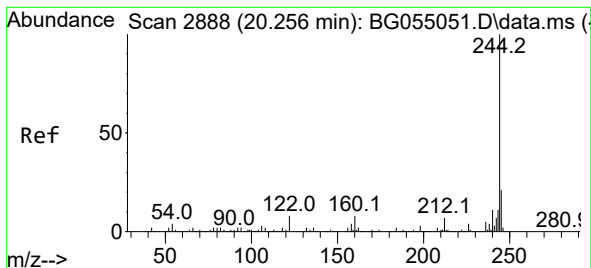
Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

183 6.6 9.4 14.0#





#79

Terphenyl-d14

Concen: 103.512 ng

RT: 20.247 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

Instrument :

BNA_G

ClientSampleId :

551B-2

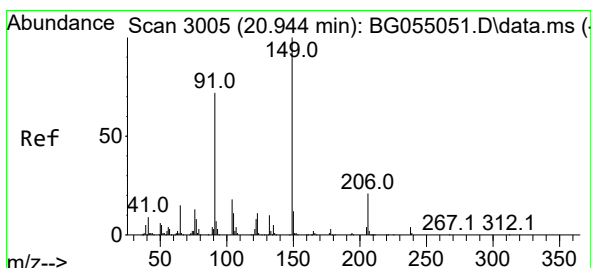
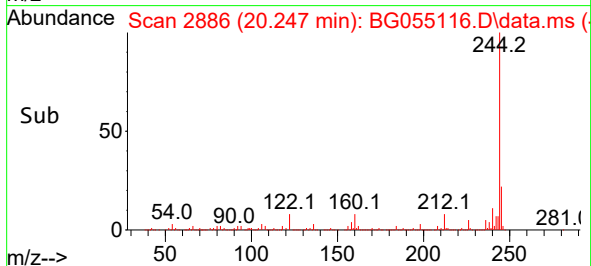
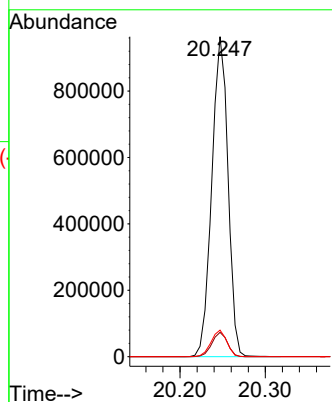
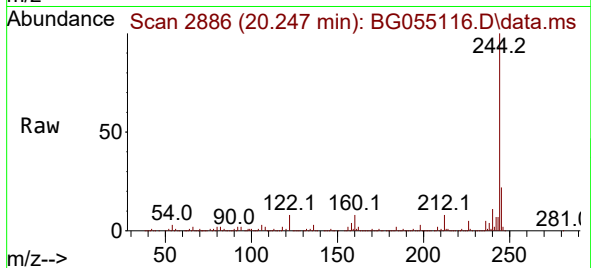
Tgt Ion:244 Resp: 1271408

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.3 6.6 10.0



#80

Butylbenzylphthalate

Concen: 4.868 ng

RT: 20.928 min Scan# 3002

Delta R.T. -0.006 min

Lab File: BG055116.D

Acq: 10 Oct 2022 17:22

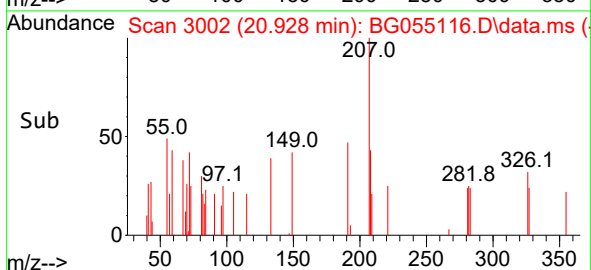
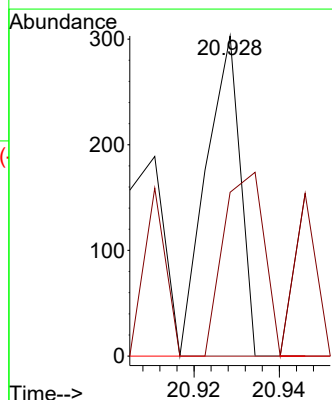
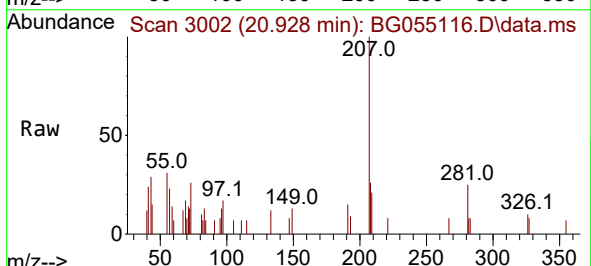
Tgt Ion:149 Resp: 169

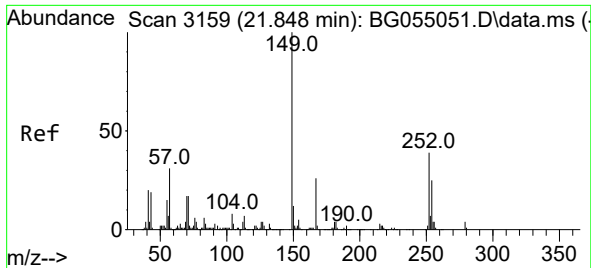
Ion Ratio Lower Upper

149 100

91 51.2 57.8 86.8#

206 0.0 16.9 25.3#

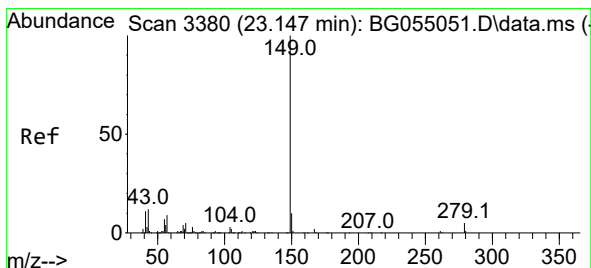
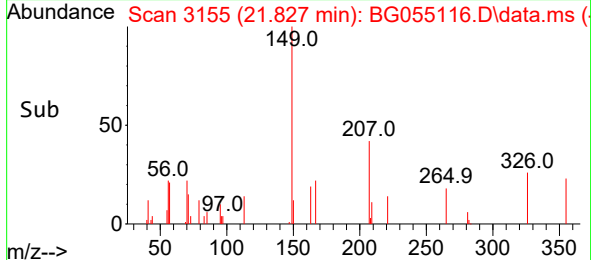
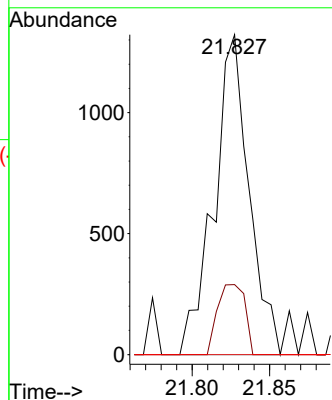
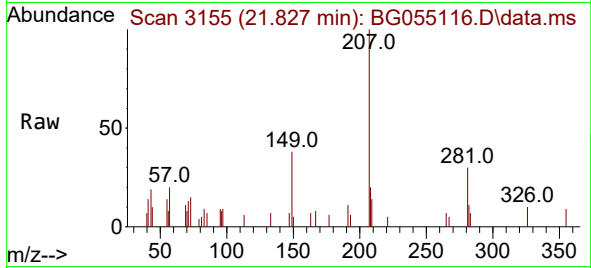




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.346 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.006 min
 Lab File: BG055116.D
 Acq: 10 Oct 2022 17:22

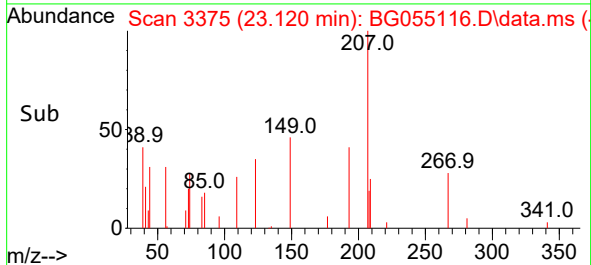
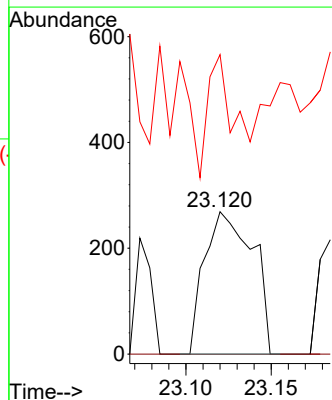
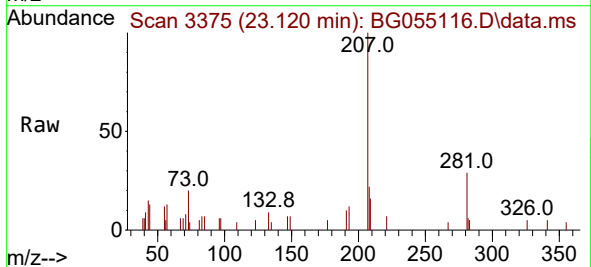
Instrument :
 BNA_G
 ClientSampleId :
 551B-2

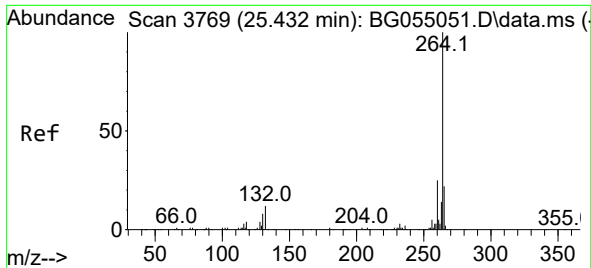
Tgt Ion:149 Resp: 2074
 Ion Ratio Lower Upper
 149 100
 167 21.9 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.378 ng
 RT: 23.120 min Scan# 3375
 Delta R.T. -0.006 min
 Lab File: BG055116.D
 Acq: 10 Oct 2022 17:22

Tgt Ion:149 Resp: 531
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 46.7 10.2 15.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.406 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055116.D

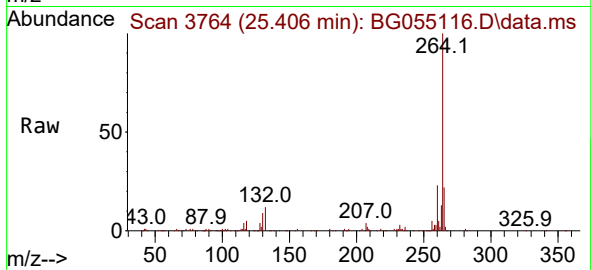
Acq: 10 Oct 2022 17:22

Instrument :

BNA_G

ClientSampleId :

551B-2



Tgt Ion:264 Resp: 262828

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 21.7 17.8 26.6

