

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053354.D
 Acq On : 28 Apr 2022 00:40
 Operator : CG/JU
 Sample : N2482-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

Quant Time: Apr 28 06:41:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

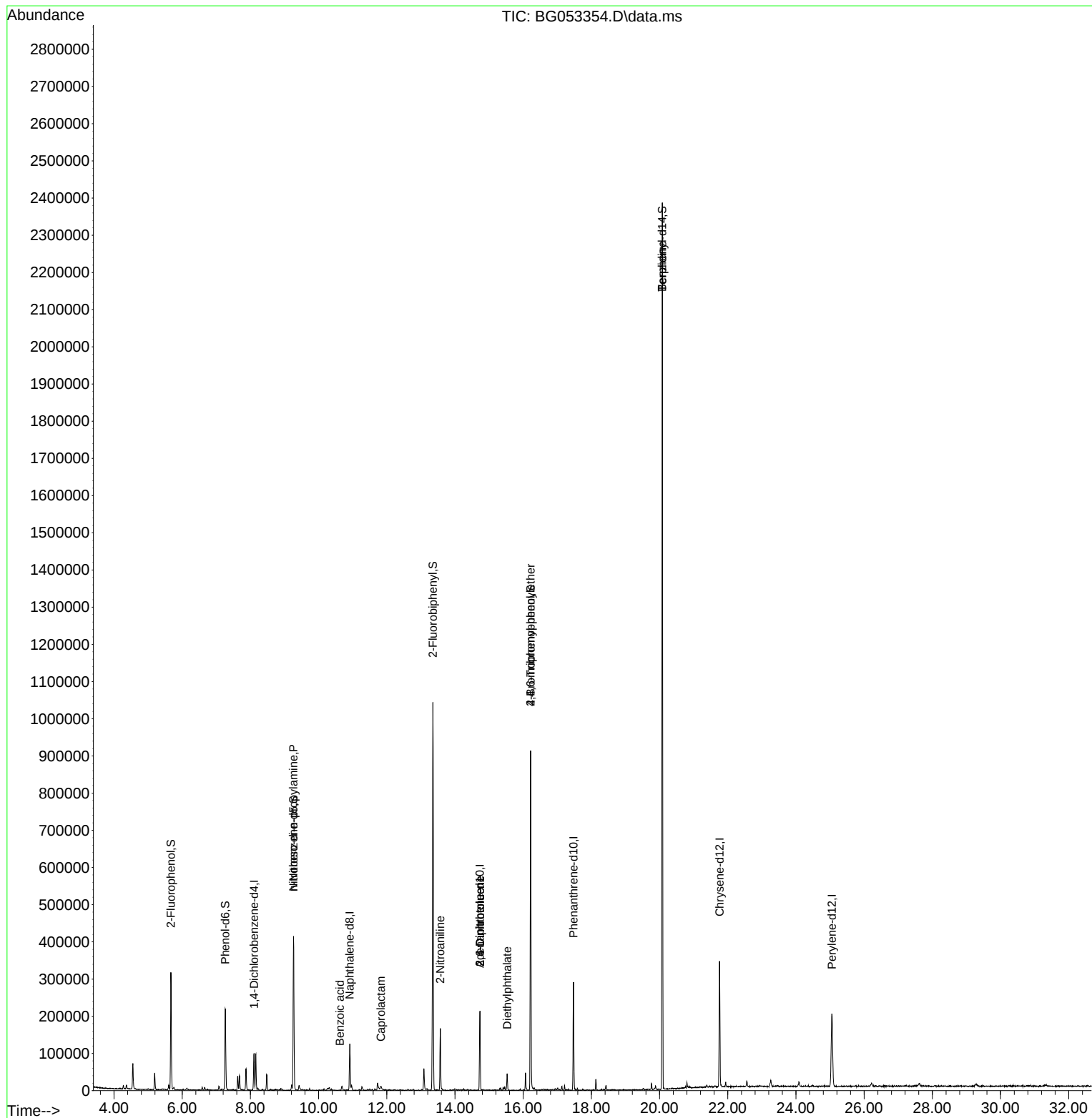
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26876	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	102454	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	74925	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	185909	20.000	ng	0.00
76) Chrysene-d12	21.758	240	218542	20.000	ng	0.00
86) Perylene-d12	25.053	264	222985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	130706	83.366	ng	0.00
7) Phenol-d6	7.260	99	129309	53.482	ng	-0.01
23) Nitrobenzene-d5	9.263	82	258971	102.633	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	186108	156.127	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	540273	99.431	ng	0.00
79) Terphenyl-d14	20.078	244	1218901	94.197	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	36308	20.512	ng	# 73
32) Benzoic acid	10.626	122	56	3.683	ng	# 1
35) Caprolactam	11.830	113	1572	2.414	ng	# 74
48) 2-Nitroaniline	13.569	65	5182	3.172	ng	# 17
51) 2,6-Dinitrotoluene	14.732	165	10285	8.227	ng	# 26
57) 2,4-Dinitrotoluene	14.732	165	10285	5.778	ng	# 24
60) Diethylphthalate	15.531	149	24509	3.903	ng	97
67) 4-Bromophenyl-phenylether	16.218	248	12403	5.207	ng	# 1
77) Benzidine	20.078	184	21013	3.370	ng	# 90

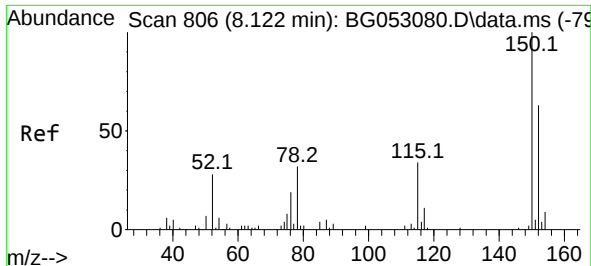
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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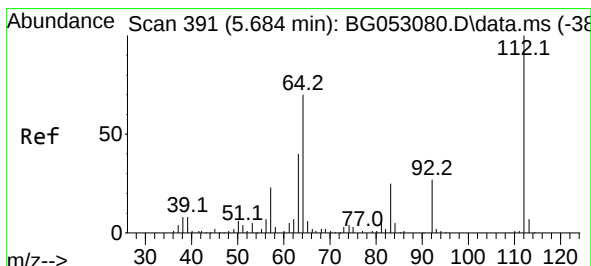
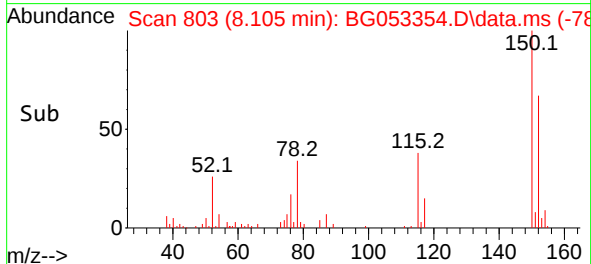
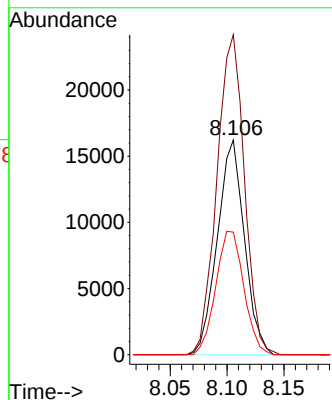
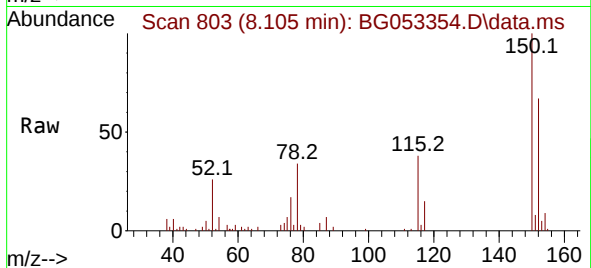




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

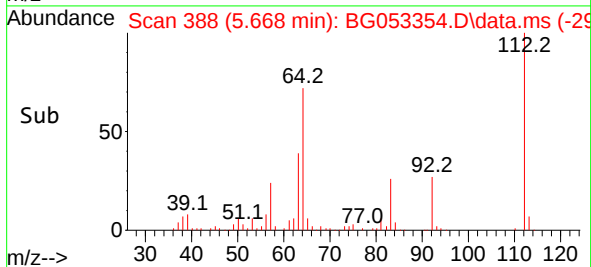
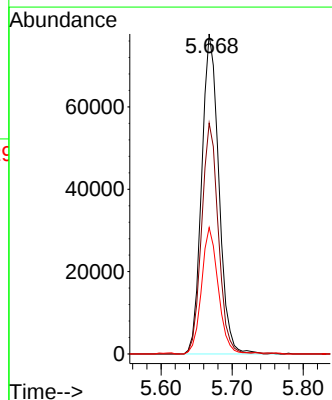
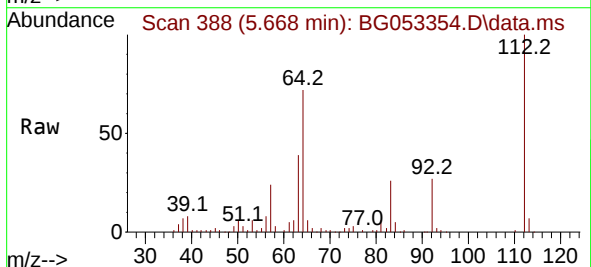
Instrument :
BNA_G
ClientSampleId :
MW-22R

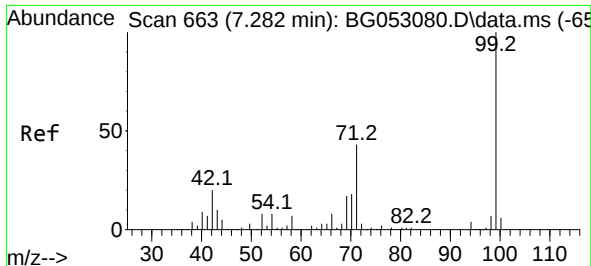
Tgt Ion:152 Resp: 26876
Ion Ratio Lower Upper
152 100
150 149.1 114.6 172.0
115 57.1 45.9 68.9



#5
2-Fluorophenol
Concen: 83.366 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:112 Resp: 130706
Ion Ratio Lower Upper
112 100
64 72.1 48.0 72.0#
63 39.5 26.5 39.7

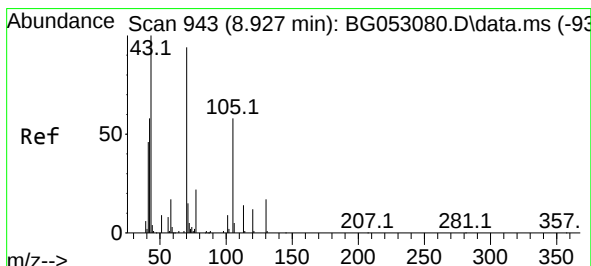
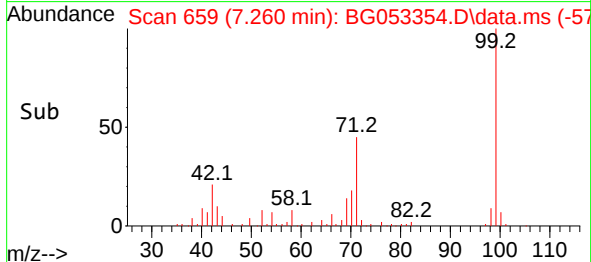
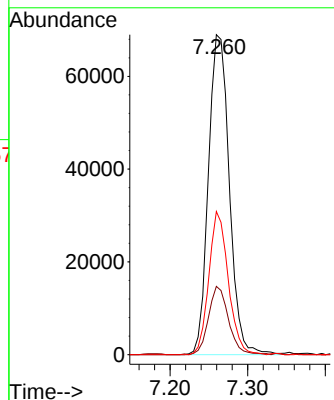
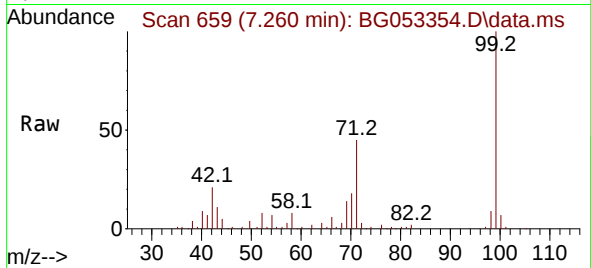




#7
Phenol-d6
Concen: 53.482 ng
RT: 7.260 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

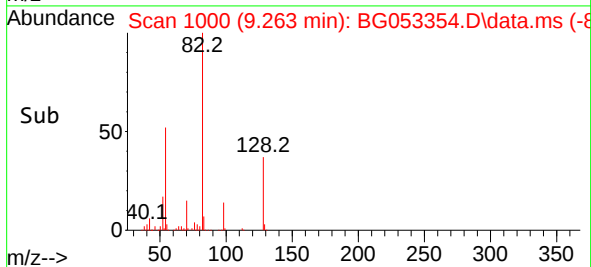
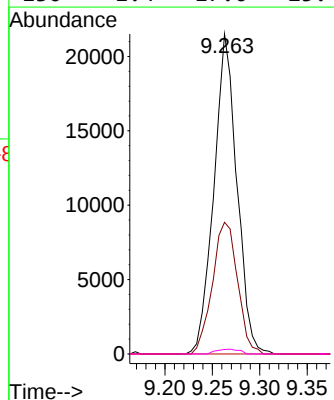
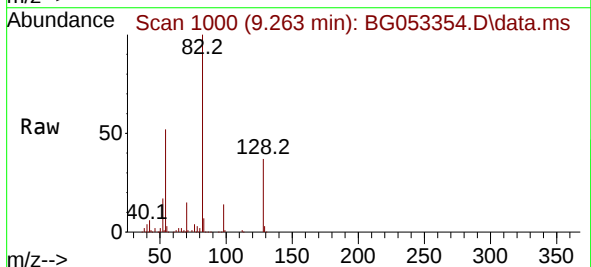
Instrument :
BNA_G
ClientSampleId :
MW-22R

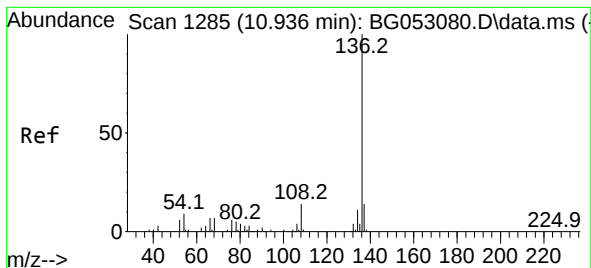
Tgt Ion: 99 Resp: 129309
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 44.7 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.512 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion: 70 Resp: 36308
Ion Ratio Lower Upper
70 100
42 41.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#



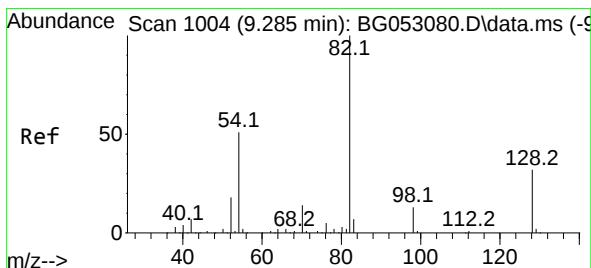
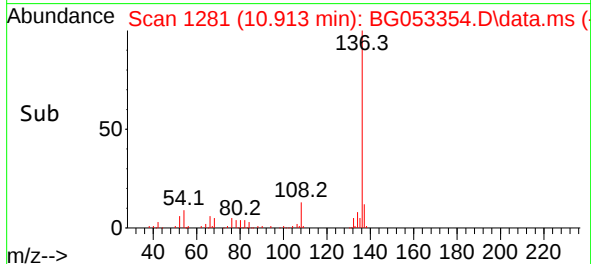
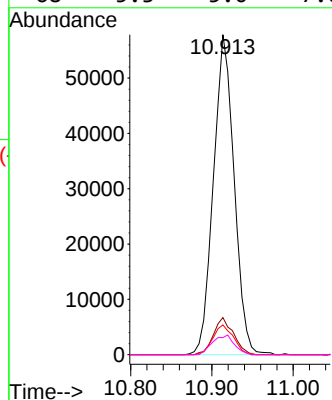
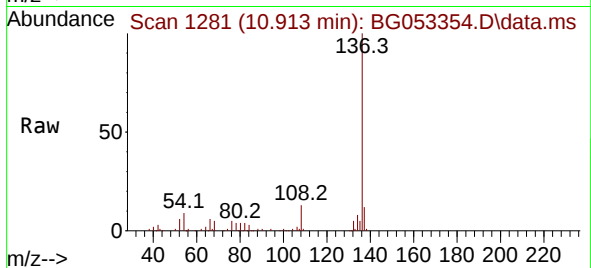


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Instrument :
BNA_G
ClientSampleId :
MW-22R

Tgt Ion:136 Resp: 102454

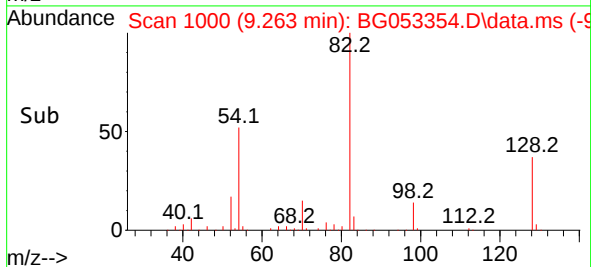
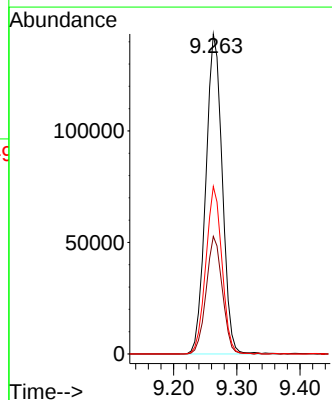
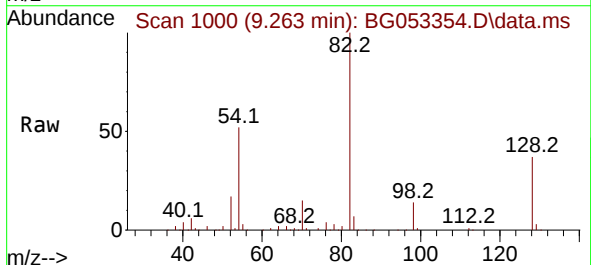
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.3	6.4	9.6
68	5.3	5.0	7.6

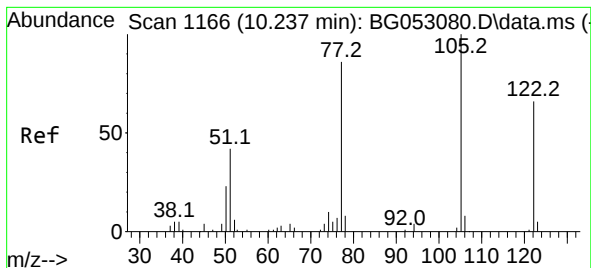


#23
Nitrobenzene-d5
Concen: 102.633 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion: 82 Resp: 258971

Ion	Ratio	Lower	Upper
82	100		
128	36.8	31.3	46.9
54	52.3	37.8	56.8

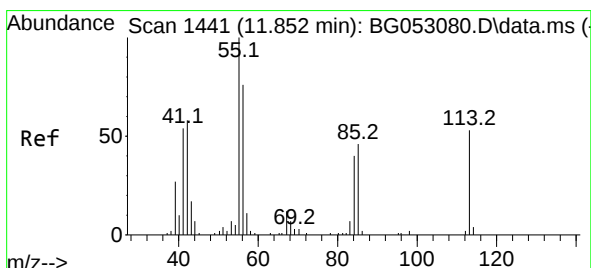
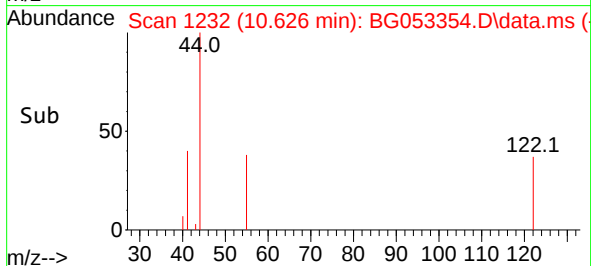
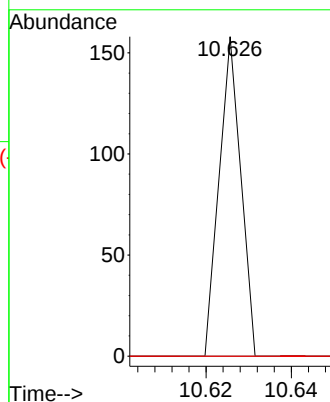
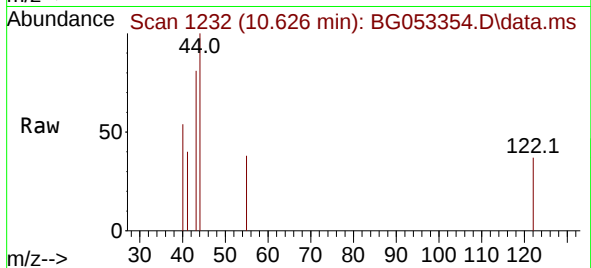




#32
Benzoic acid
Concen: 3.683 ng
RT: 10.626 min Scan# 1166
Delta R.T. 0.391 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

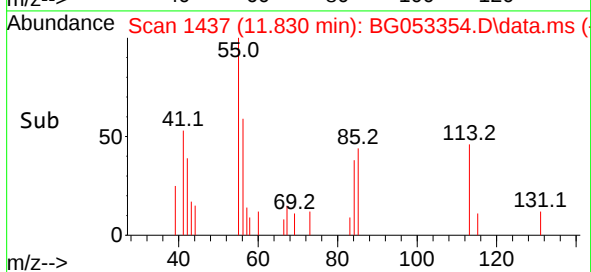
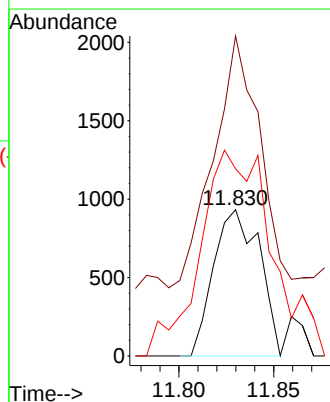
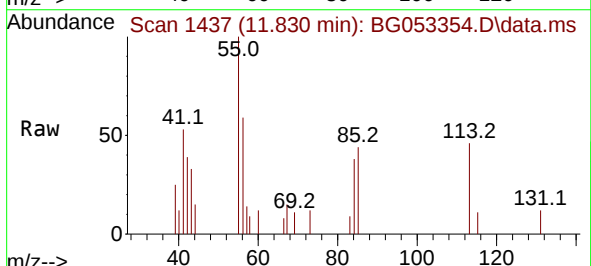
Instrument :
BNA_G
ClientSampleId :
MW-22R

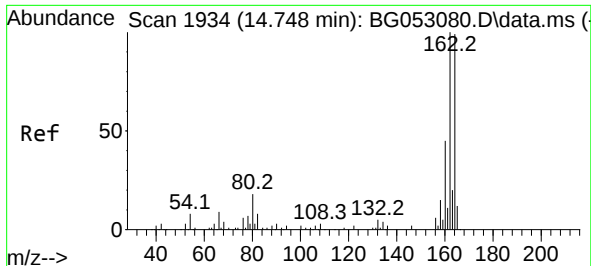
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#35
Caprolactam
Concen: 2.414 ng
RT: 11.830 min Scan# 1437
Delta R.T. -0.020 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:113 Resp: 1572
Ion Ratio Lower Upper
113 100
55 218.8 151.3 191.3#
56 128.0 128.5 168.5#

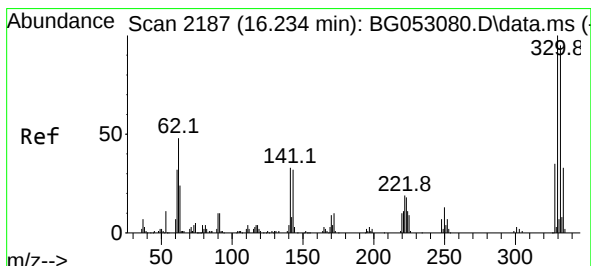
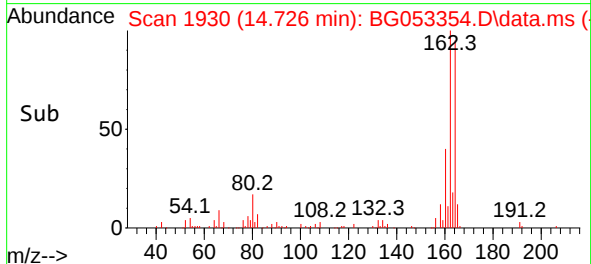
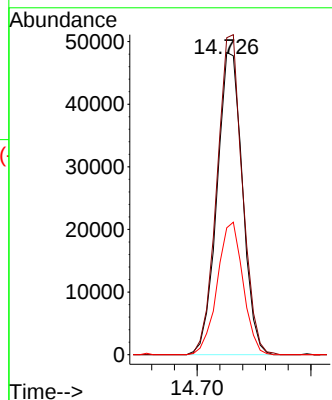
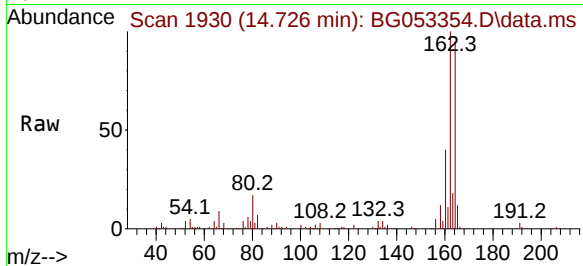




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

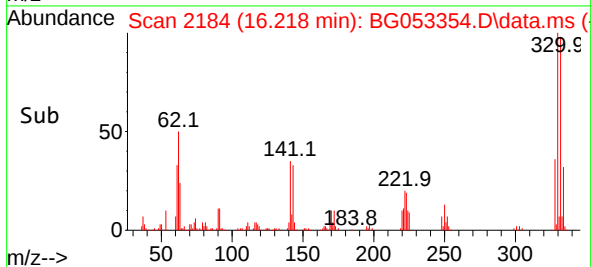
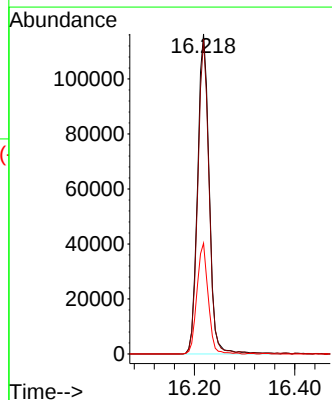
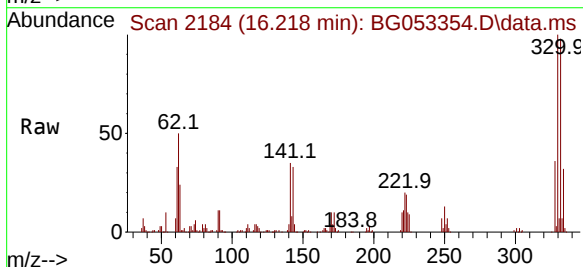
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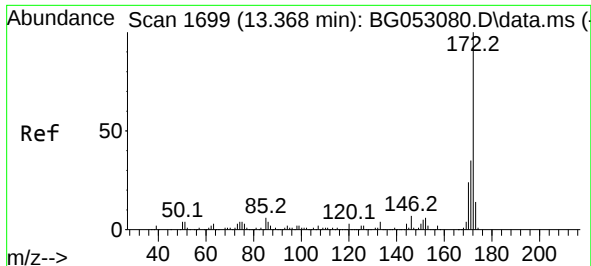
Tgt Ion:164 Resp: 74925
Ion Ratio Lower Upper
164 100
162 104.9 80.0 120.0
160 42.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 156.127 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:330 Resp: 186108
Ion Ratio Lower Upper
330 100
332 94.8 75.8 113.6
141 33.5 24.6 36.8

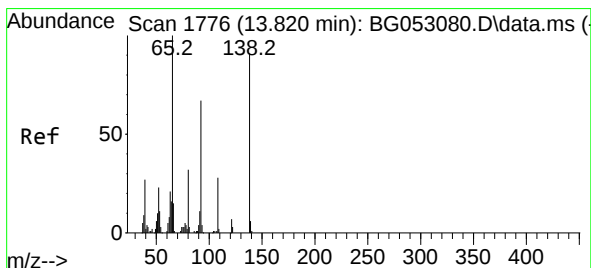
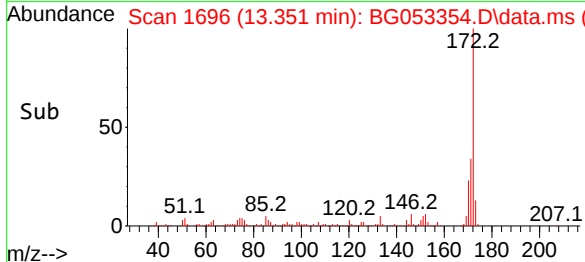
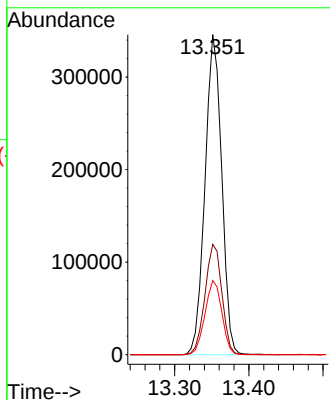
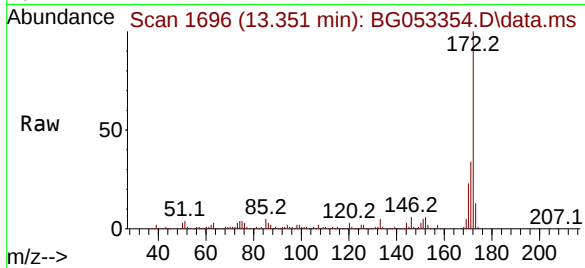




#45
2-Fluorobiphenyl
Concen: 99.431 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

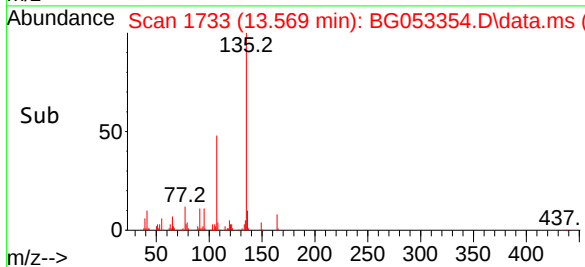
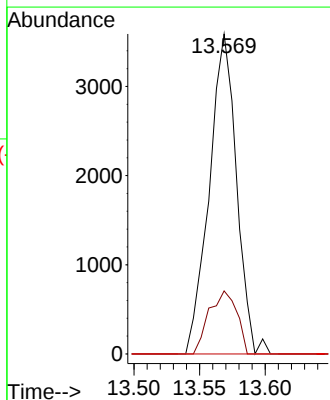
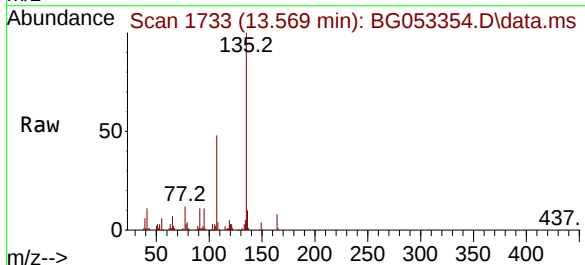
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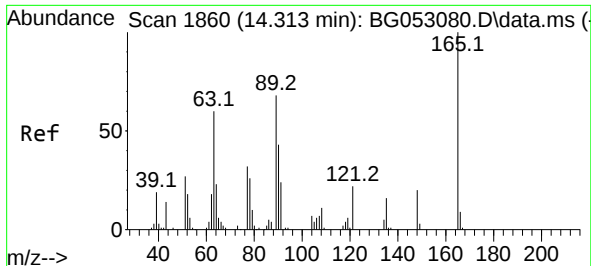
Tgt Ion:172 Resp: 540273
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.2 18.0 27.0



#48
2-Nitroaniline
Concen: 3.172 ng
RT: 13.569 min Scan# 1733
Delta R.T. -0.243 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion: 65 Resp: 5182
Ion Ratio Lower Upper
65 100
92 19.7 52.1 78.1#
138 0.0 80.1 120.1#





#51

2,6-Dinitrotoluene

Concen: 8.227 ng

RT: 14.732 min Scan# 1931

Delta R.T. 0.427 min

Lab File: BG053354.D

Acq: 28 Apr 2022 00:40

Instrument :

BNA_G

ClientSampleId :

MW-22R

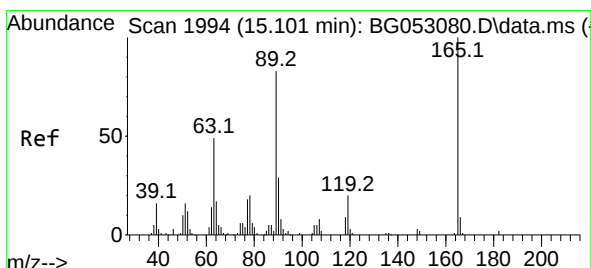
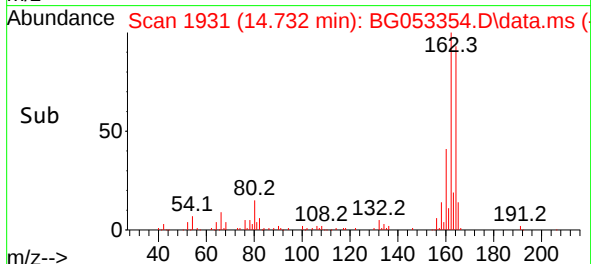
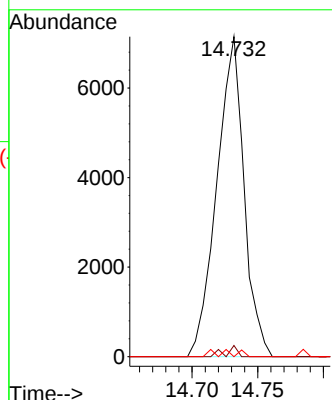
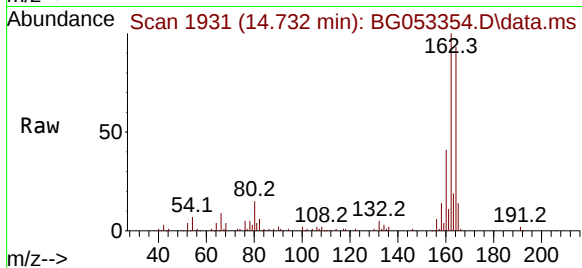
Tgt Ion:165 Resp: 10285

Ion Ratio Lower Upper

165 100

63 3.5 43.7 65.5#

89 0.0 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.778 ng

RT: 14.732 min Scan# 1931

Delta R.T. -0.360 min

Lab File: BG053354.D

Acq: 28 Apr 2022 00:40

Tgt Ion:165 Resp: 10285

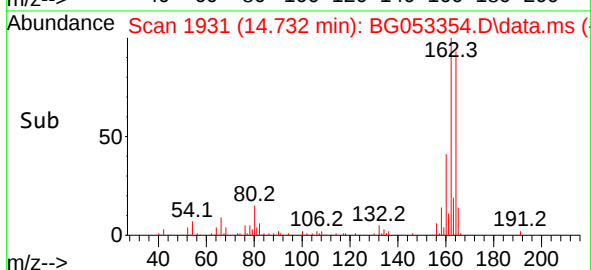
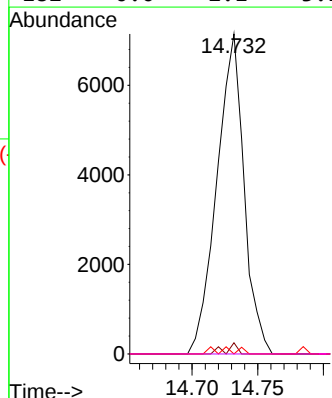
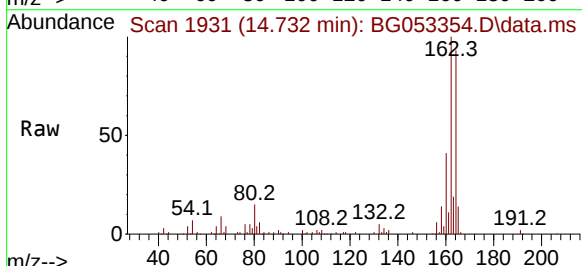
Ion Ratio Lower Upper

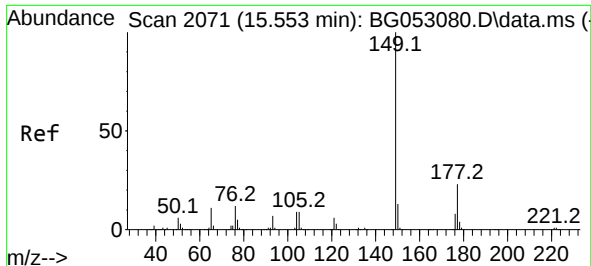
165 100

63 3.5 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#

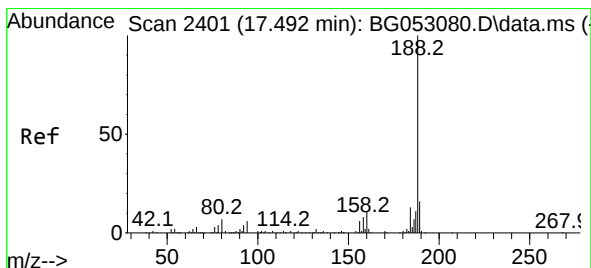
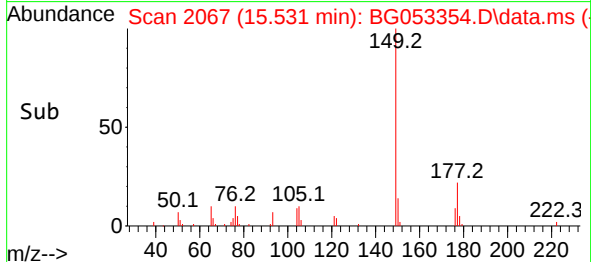
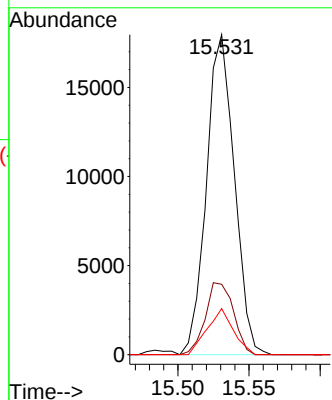
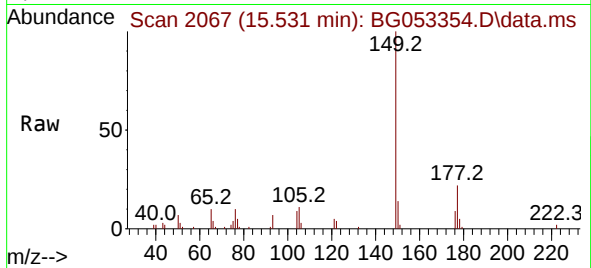




#60
Diethylphthalate
Concen: 3.903 ng
RT: 15.531 min Scan# 2071
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

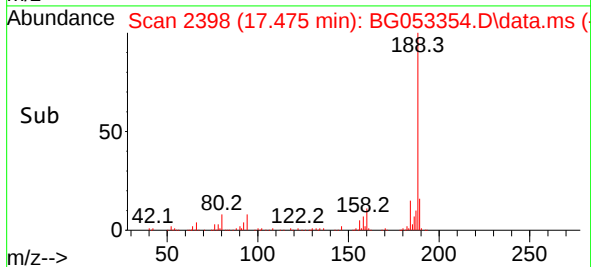
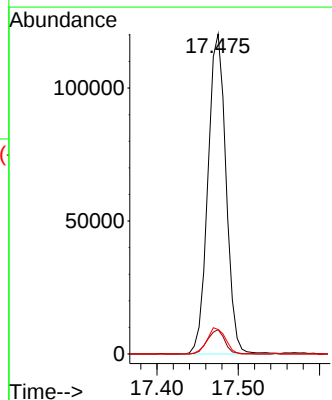
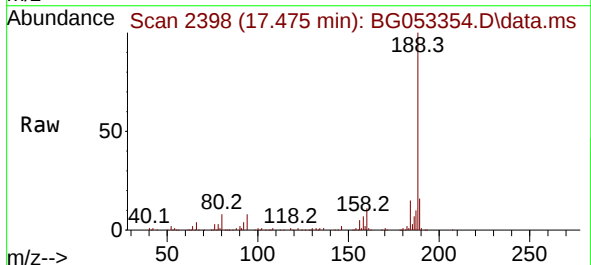
Instrument :
BNA_G
ClientSampleId :
MW-22R

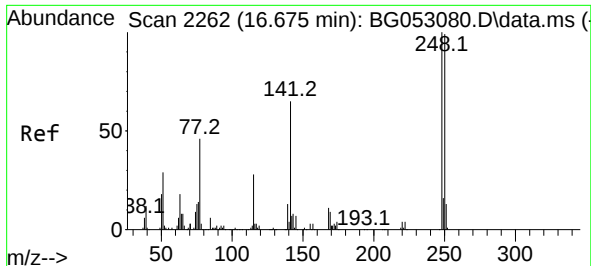
Tgt Ion:149 Resp: 24509
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 14.4 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:188 Resp: 185909
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 7.6 7.2 10.8

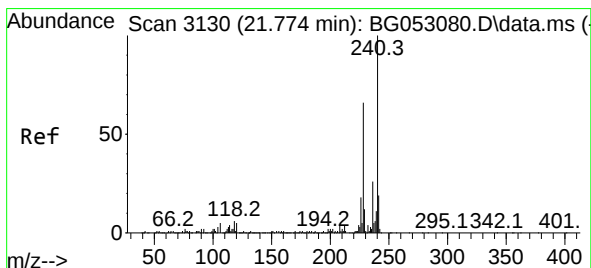
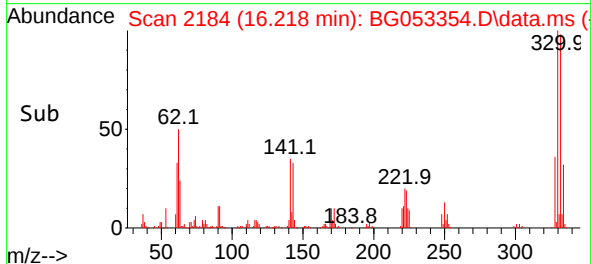
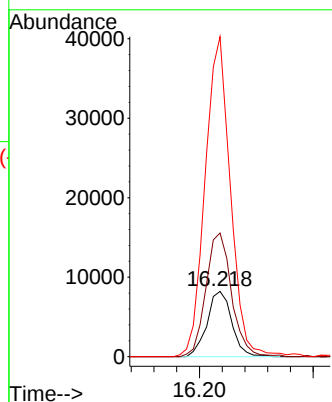
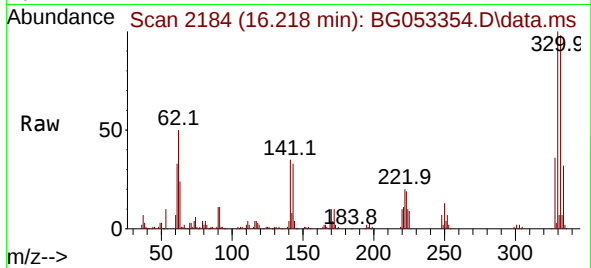




#67
4-Bromophenyl-phenylether
Concen: 5.207 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.443 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

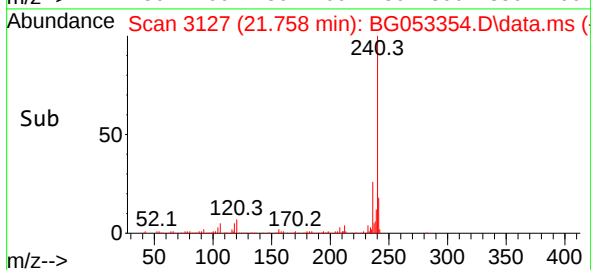
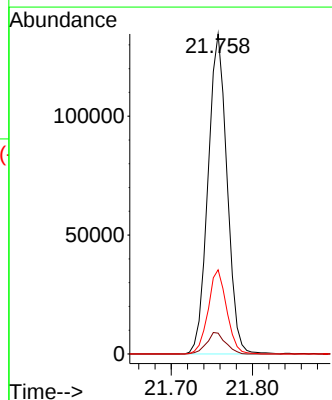
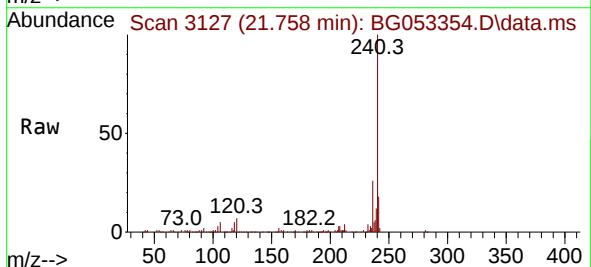
Instrument :
BNA_G
ClientSampleId :
MW-22R

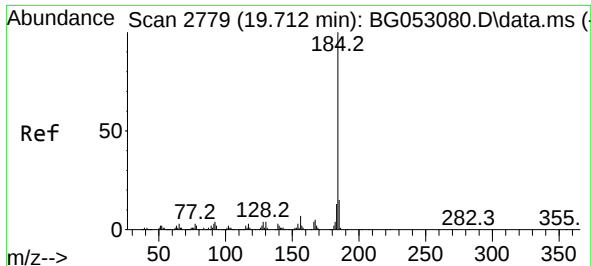
Tgt Ion:248 Resp: 12403
Ion Ratio Lower Upper
248 100
250 189.6 77.9 116.9#
141 490.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:240 Resp: 218542
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.3 19.8 29.6

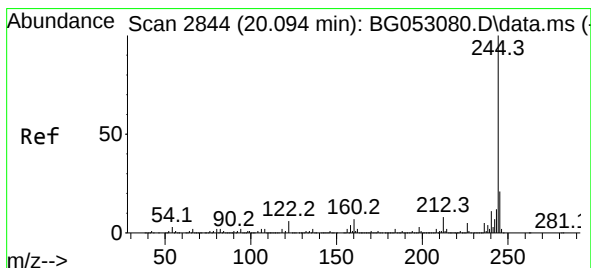
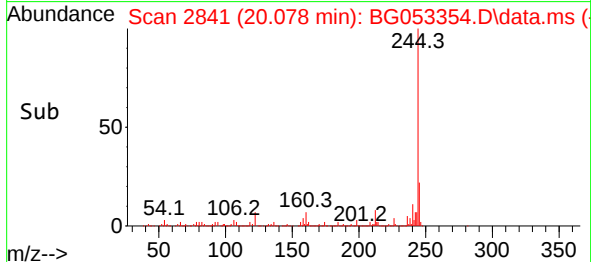
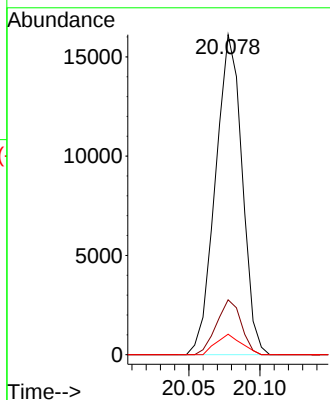
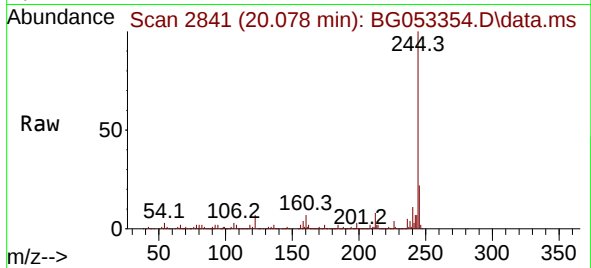




#77
Benzidine
Concen: 3.370 ng
RT: 20.078 min Scan# 2841
Delta R.T. 0.374 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

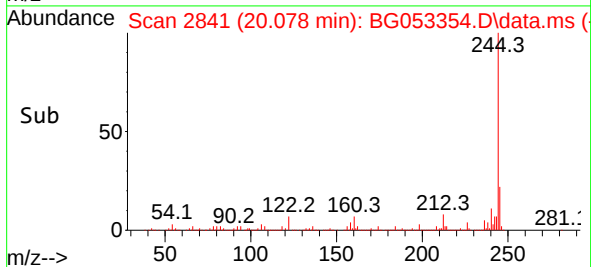
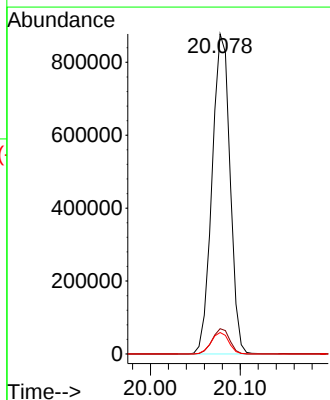
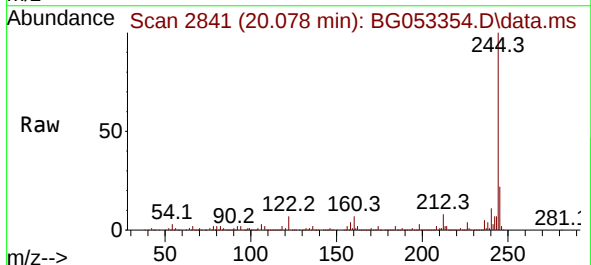
Instrument :
BNA_G
ClientSampleId :
MW-22R

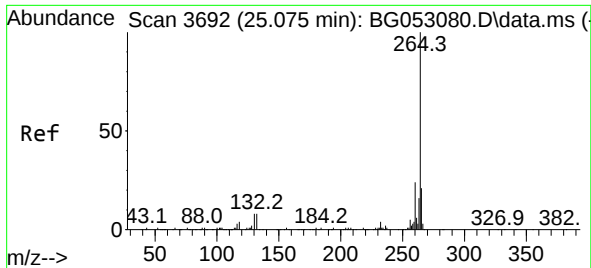
Tgt Ion:184 Resp: 21013
Ion Ratio Lower Upper
184 100
185 17.2 11.5 17.3
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.197 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Tgt Ion:244 Resp: 1218901
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053354.D
Acq: 28 Apr 2022 00:40

Instrument :
BNA_G
ClientSampleId :
MW-22R

Tgt Ion:264 Resp: 222985

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	20.2	15.1	22.7

