

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053355.D
 Acq On : 28 Apr 2022 1:18
 Operator : CG/JU
 Sample : N2482-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

Quant Time: Apr 28 06:41:39 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)

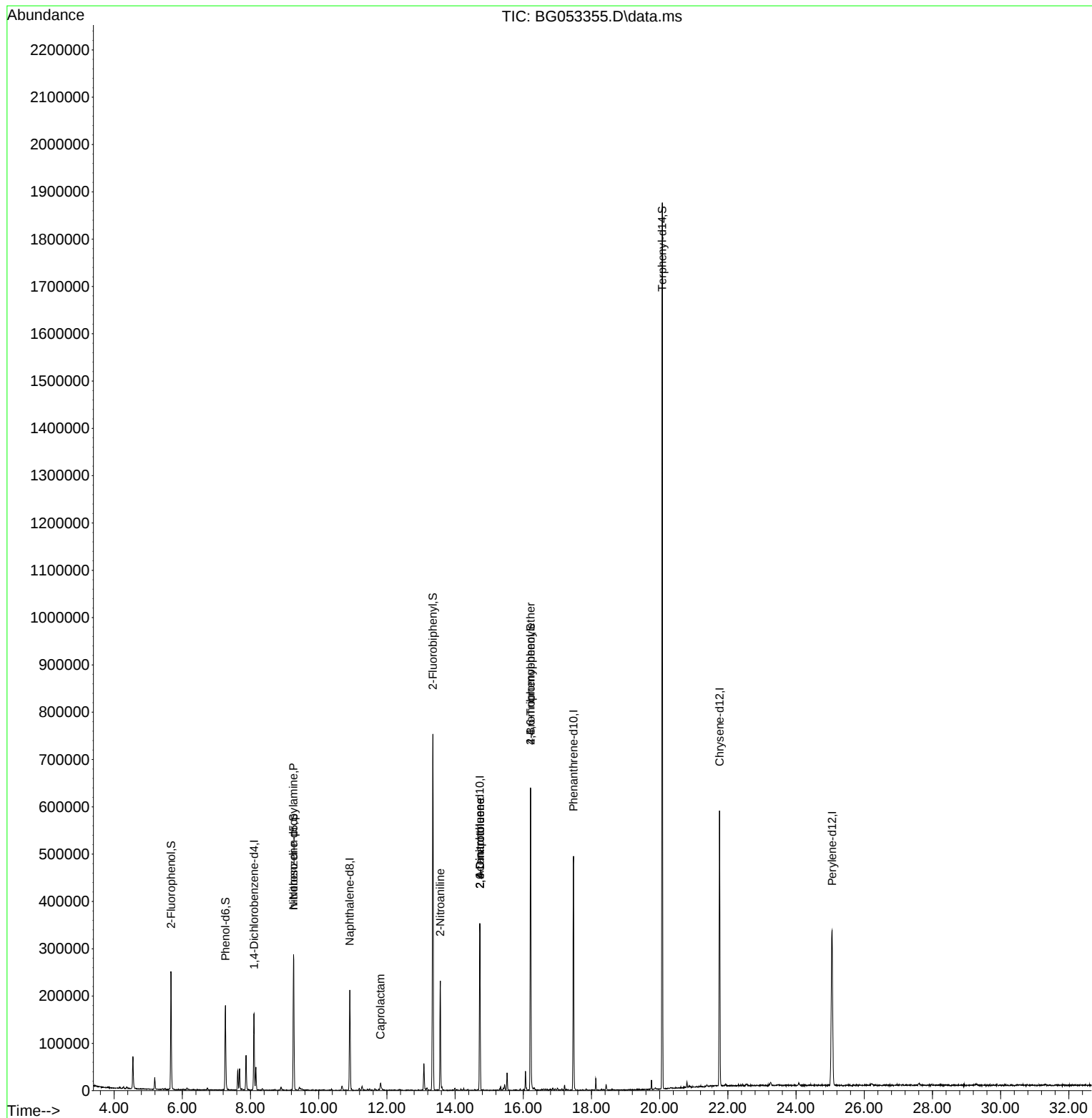
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	45359	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	172719	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	126432	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	323632	20.000	ng	0.00
76) Chrysene-d12	21.757	240	376279	20.000	ng	0.00
86) Perylene-d12	25.058	264	384310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	106357	40.194	ng	0.00
7) Phenol-d6	7.265	99	100528	24.636	ng	0.00
23) Nitrobenzene-d5	9.262	82	182953	43.009	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	135679	67.452	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	399534	43.574	ng	0.00
79) Terphenyl-d14	20.077	244	938135	42.108	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.262	70	26133	8.748	ng	# 78
35) Caprolactam	11.811	113	2931	2.669	ng	# 79
48) 2-Nitroaniline	13.568	65	7337	2.662	ng	# 19
51) 2,6-Dinitrotoluene	14.731	165	16331	7.741	ng	# 26
57) 2,4-Dinitrotoluene	14.731	165	16331	5.437	ng	# 24
67) 4-Bromophenyl-phenylether	16.217	248	9207	2.220	ng	# 1

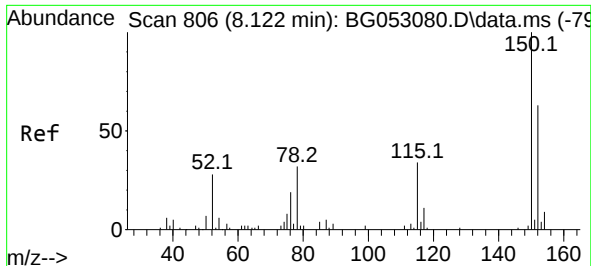
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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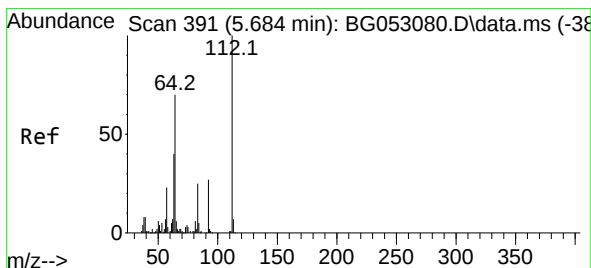
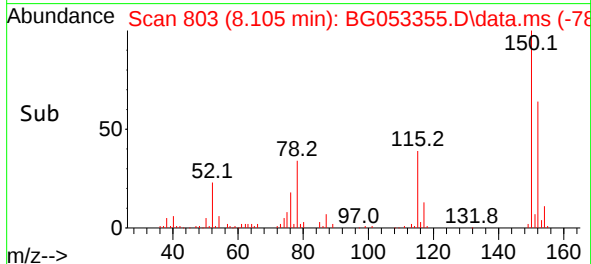
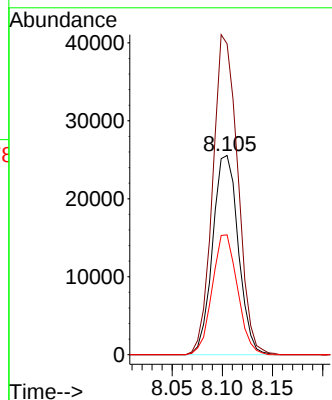
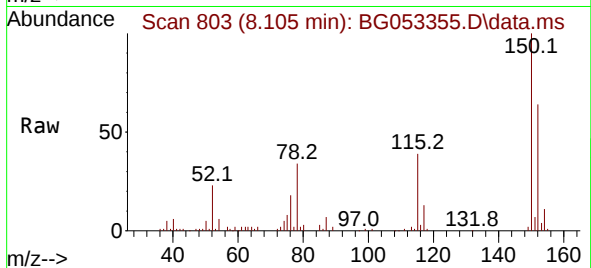




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

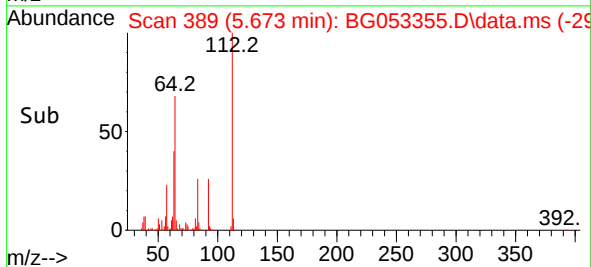
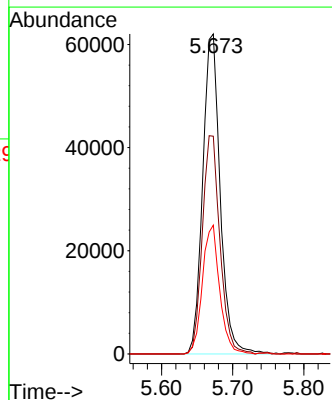
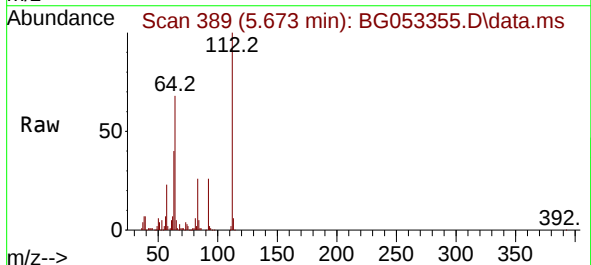
Instrument :
BNA_G
ClientSampleId :
MW-7R

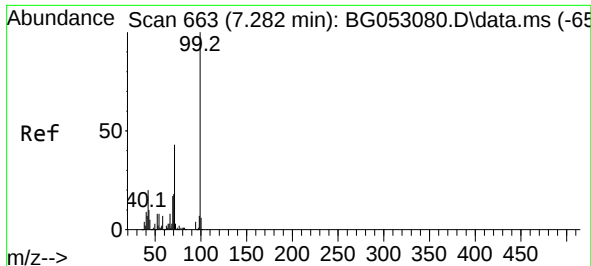
Tgt Ion:152 Resp: 45359
Ion Ratio Lower Upper
152 100
150 156.0 114.6 172.0
115 60.2 45.9 68.9



#5
2-Fluorophenol
Concen: 40.194 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion:112 Resp: 106357
Ion Ratio Lower Upper
112 100
64 68.0 48.0 72.0
63 40.3 26.5 39.7#

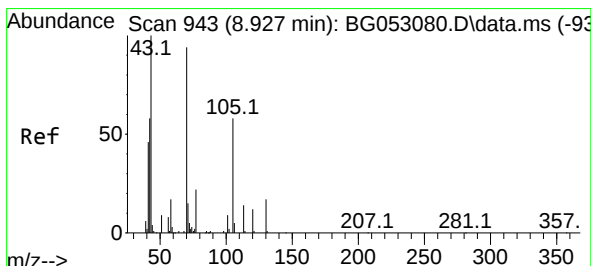
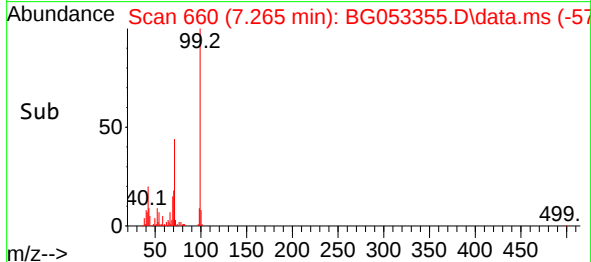
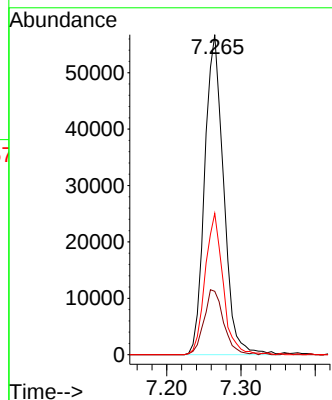
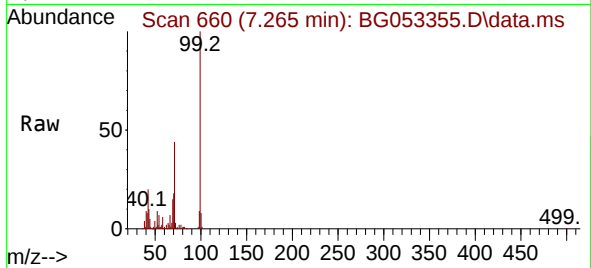




#7
Phenol-d6
Concen: 24.636 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

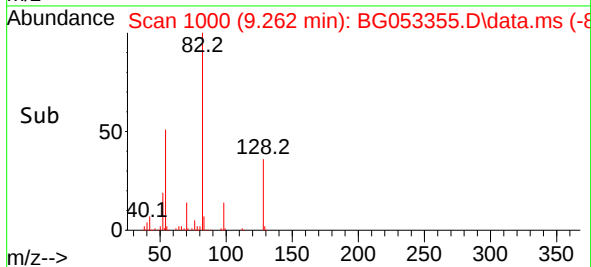
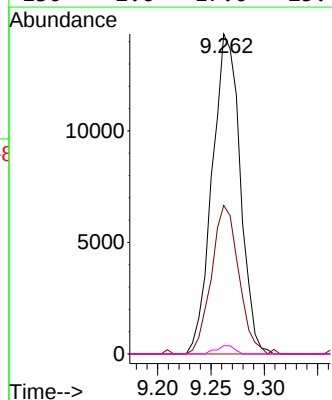
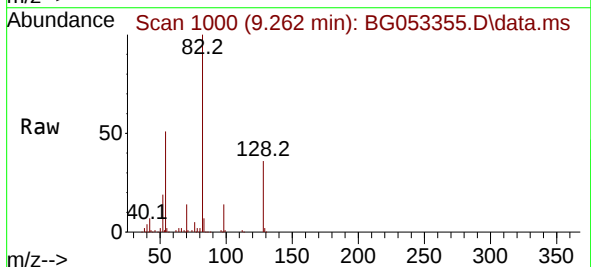
Instrument :
BNA_G
ClientSampleId :
MW-7R

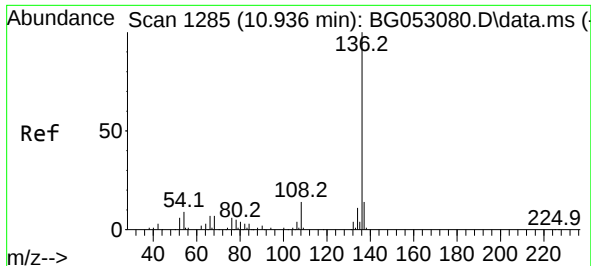
Tgt Ion: 99 Resp: 100528
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 44.1 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 8.748 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion: 70 Resp: 26133
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 2.6 17.0 25.4#

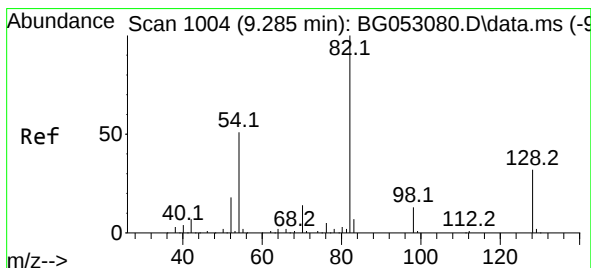
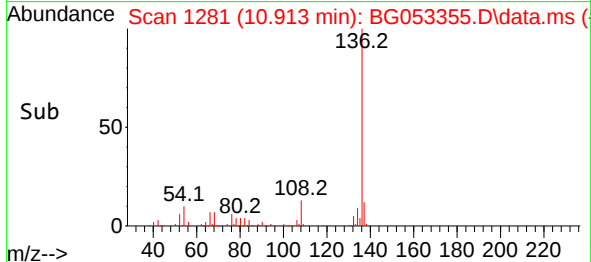
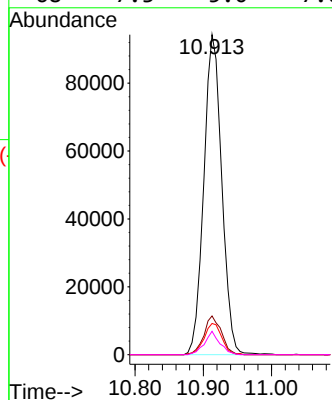
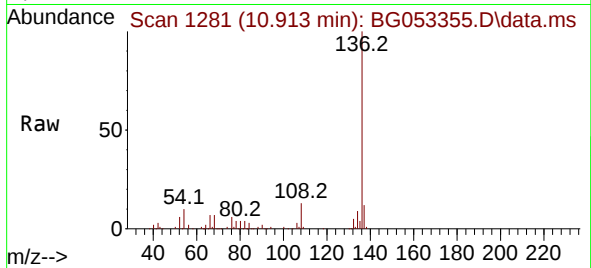




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

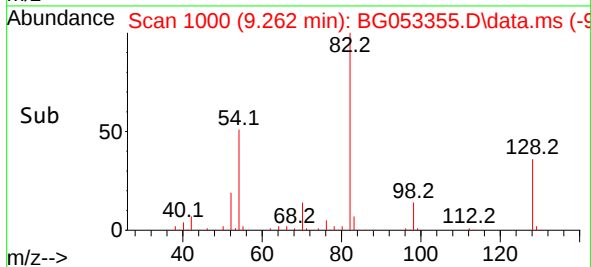
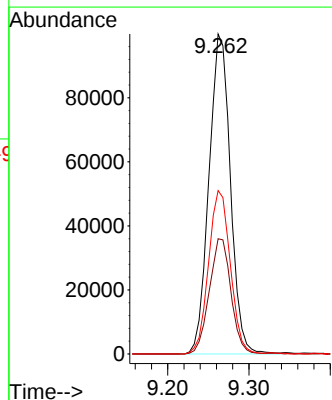
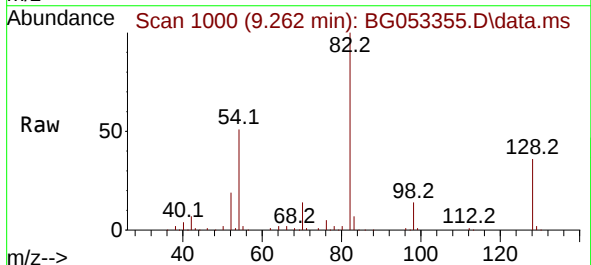
Instrument :
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ClientSampleId :
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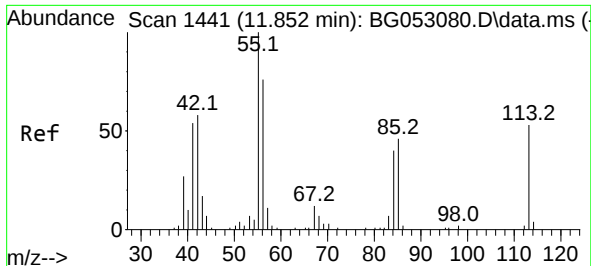
Tgt Ion:136 Resp: 172719
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 9.8 6.4 9.6#
68 7.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 43.009 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion: 82 Resp: 182953
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 51.0 37.8 56.8

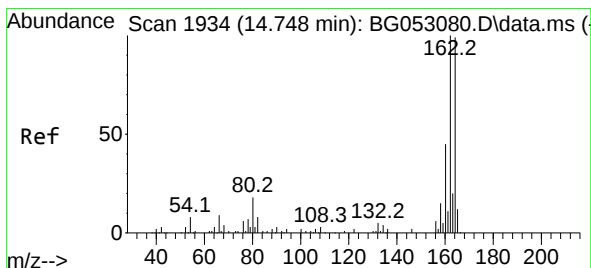
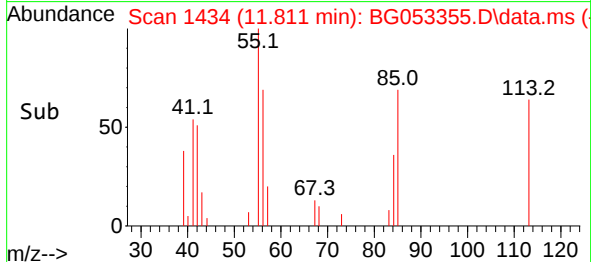
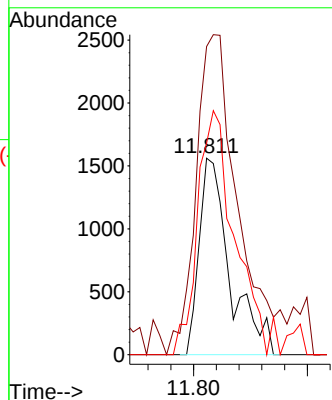
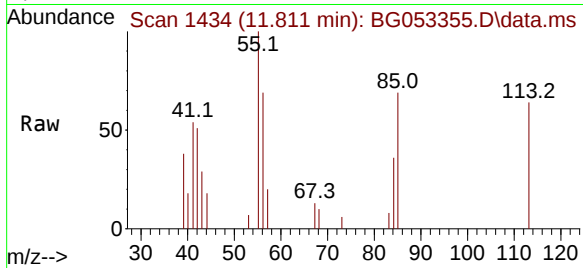




#35
 Caprolactam
 Concen: 2.669 ng
 RT: 11.811 min Scan# 1441
 Delta R.T. -0.038 min
 Lab File: BG053355.D
 Acq: 28 Apr 2022 1:18

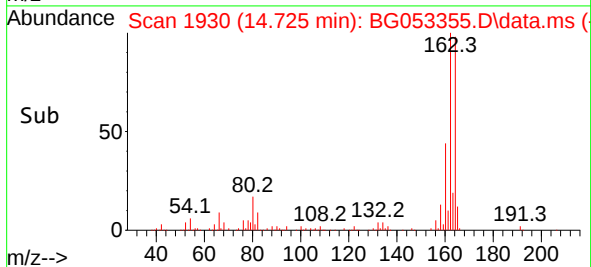
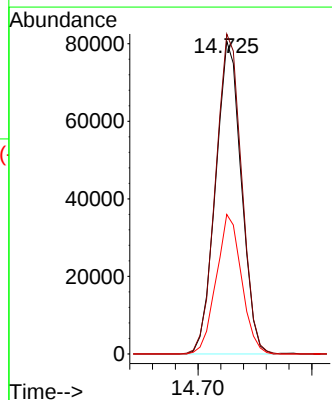
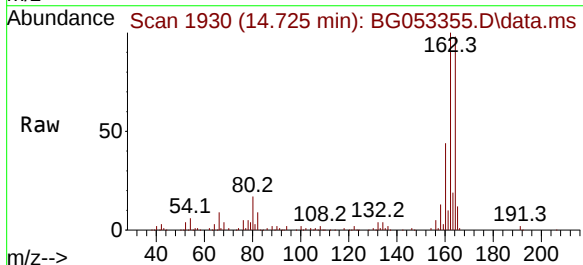
Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

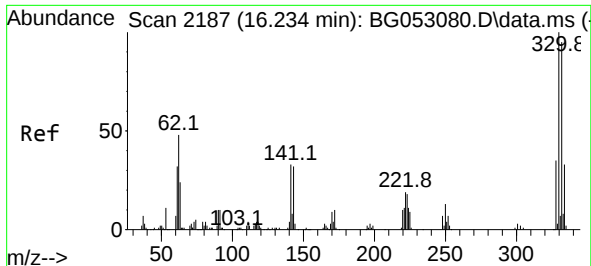
Tgt Ion:113 Resp: 2931
 Ion Ratio Lower Upper
 113 100
 55 156.9 151.3 191.3
 56 107.7 128.5 168.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.009 min
 Lab File: BG053355.D
 Acq: 28 Apr 2022 1:18

Tgt Ion:164 Resp: 126432
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.0 120.0
 160 44.6 38.8 58.2

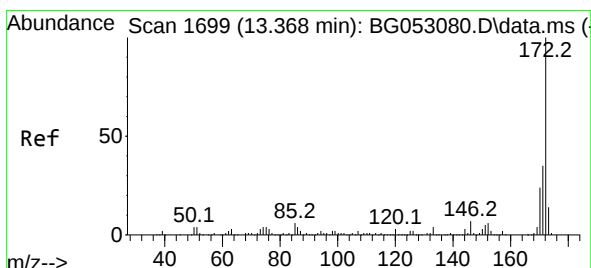
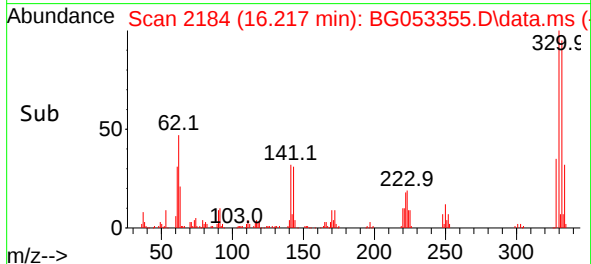
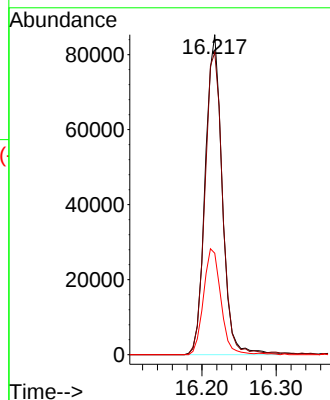
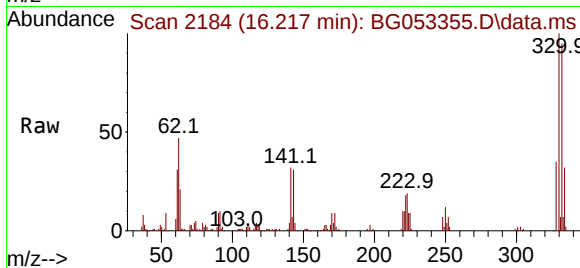




#42
2,4,6-Tribromophenol
Concen: 67.452 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

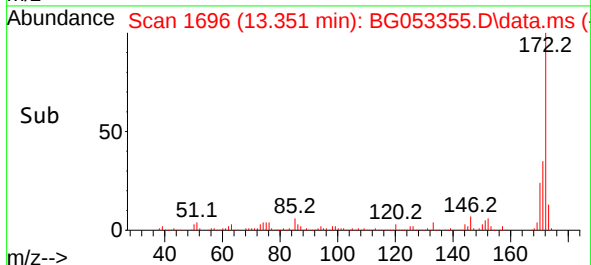
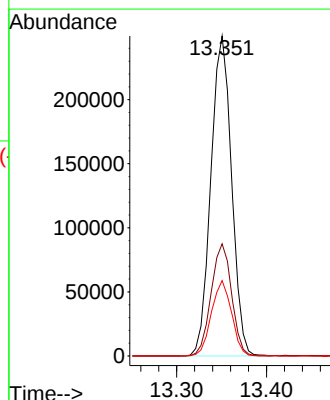
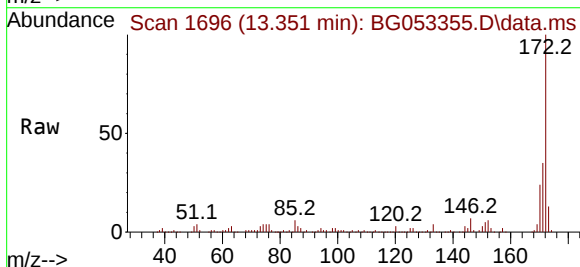
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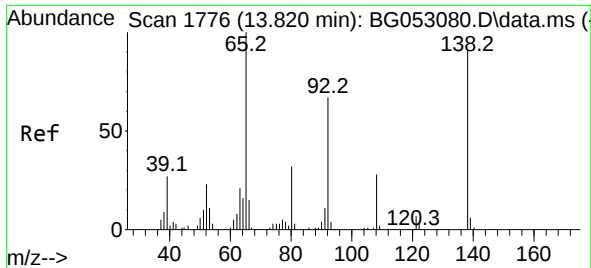
Tgt Ion:330 Resp: 135679
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 43.574 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion:172 Resp: 399534
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.0 27.0

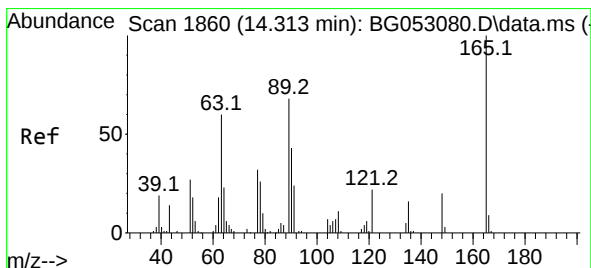
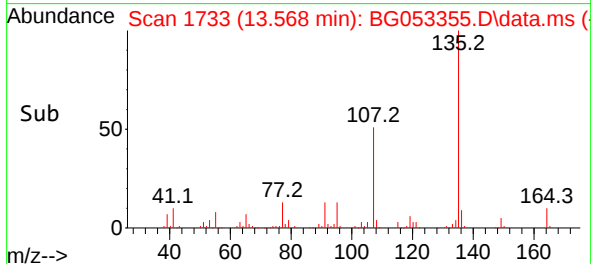
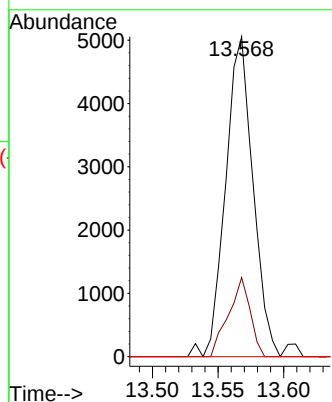
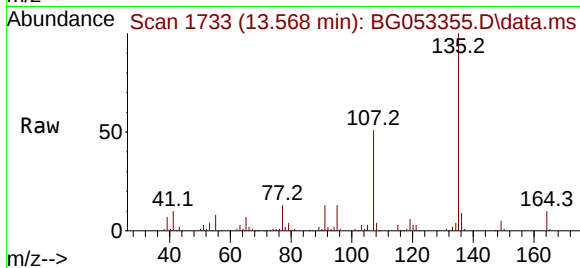




#48
2-Nitroaniline
Concen: 2.662 ng
RT: 13.568 min Scan# 1
Delta R.T. -0.244 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

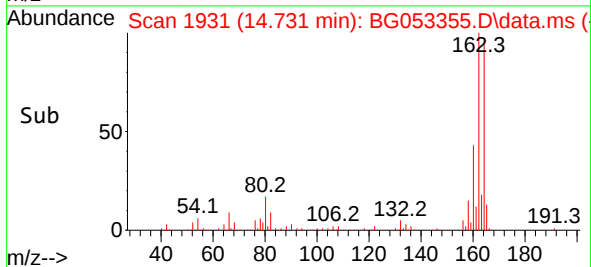
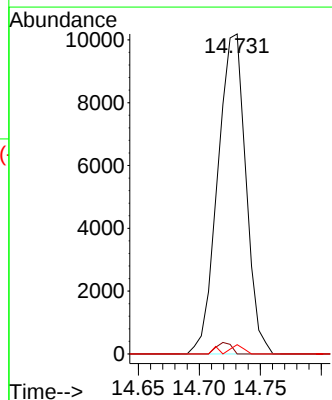
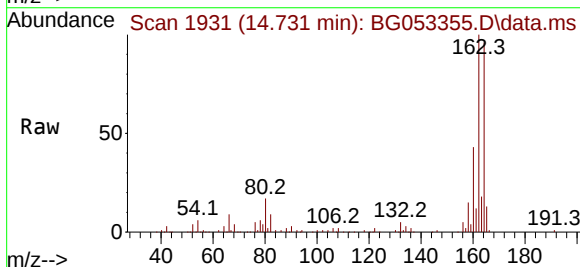
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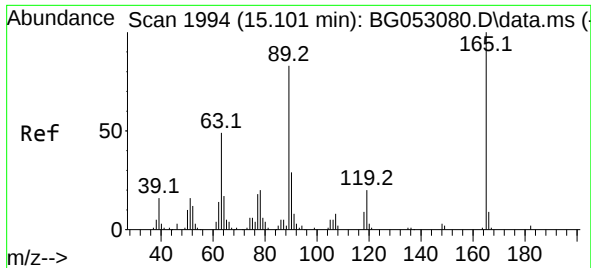
Tgt Ion: 65 Resp: 7337
Ion Ratio Lower Upper
65 100
92 24.7 52.1 78.1#
138 0.0 80.1 120.1#



#51
2,6-Dinitrotoluene
Concen: 7.741 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

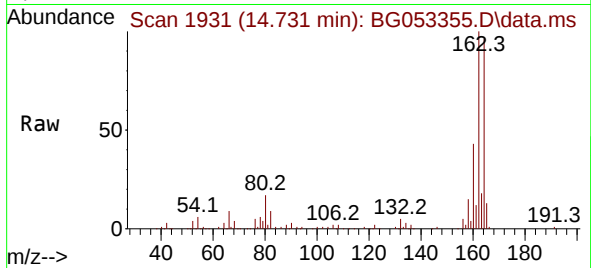
Tgt Ion:165 Resp: 16331
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.9 45.0 67.4#



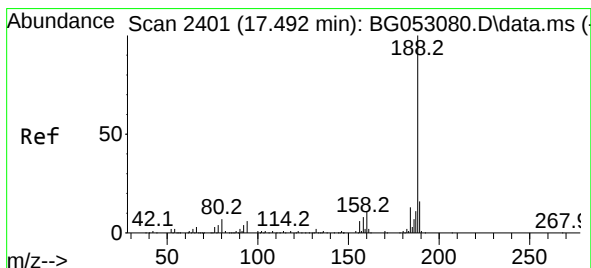
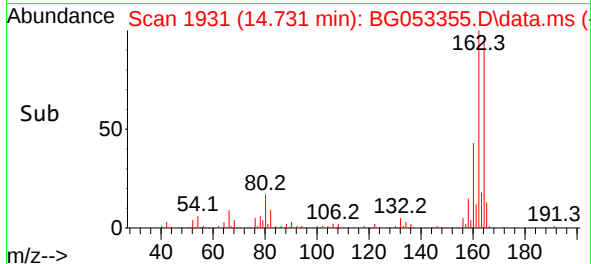
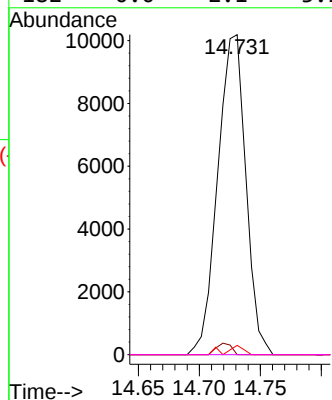


#57
2,4-Dinitrotoluene
Concen: 5.437 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.361 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Instrument :
BNA_G
ClientSampleId :
MW-7R

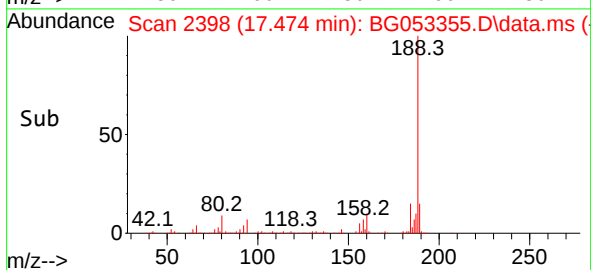
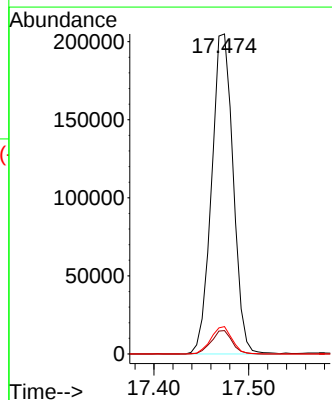
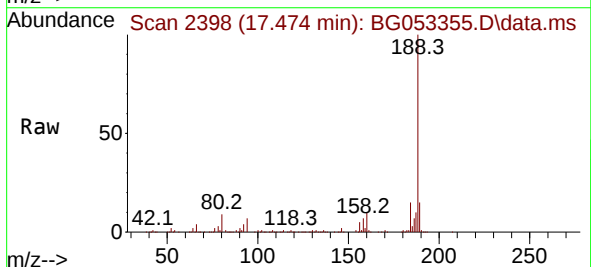


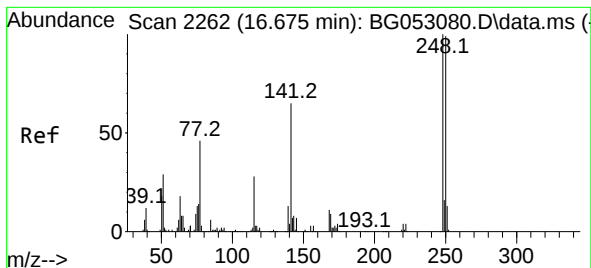
Tgt Ion:165 Resp: 16331
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion:188 Resp: 323632
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.5 7.2 10.8

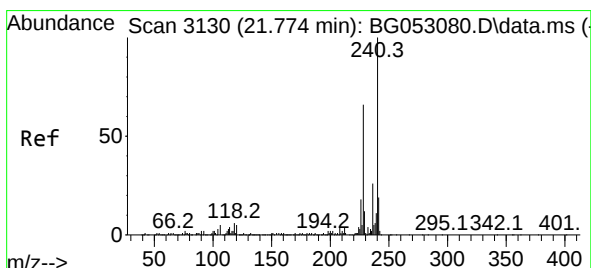
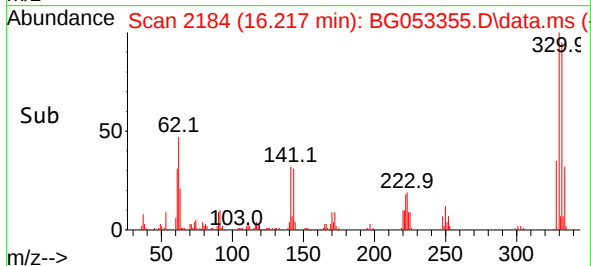
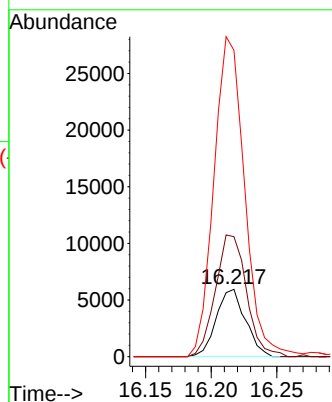
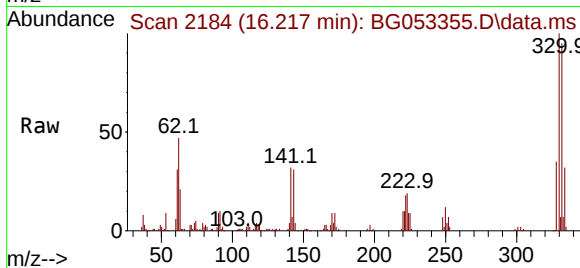




#67
4-Bromophenyl-phenylether
Concen: 2.220 ng
RT: 16.217 min Scan# 2118
Delta R.T. -0.443 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

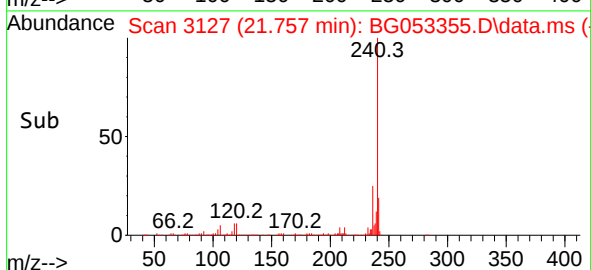
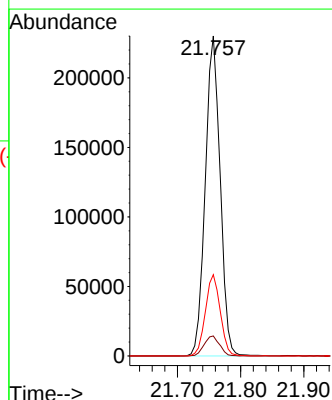
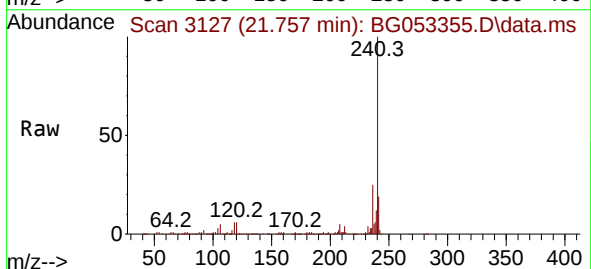
Instrument :
BNA_G
ClientSampleId :
MW-7R

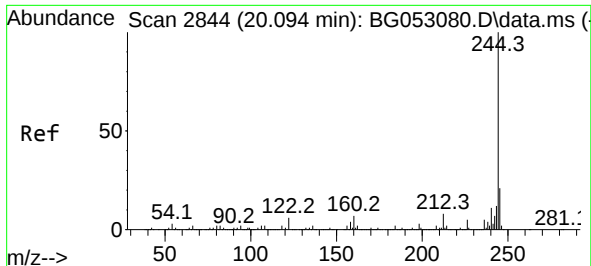
Tgt Ion:248 Resp: 9207
Ion Ratio Lower Upper
248 100
250 178.2 77.9 116.9#
141 454.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053355.D
Acq: 28 Apr 2022 1:18

Tgt Ion:240 Resp: 376279
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.4 19.8 29.6

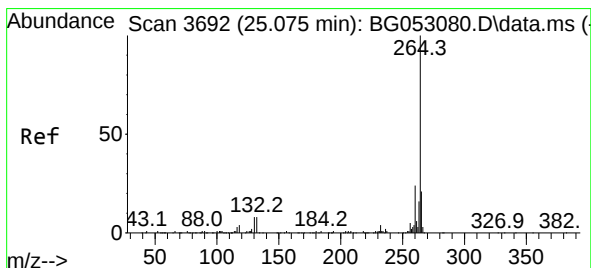
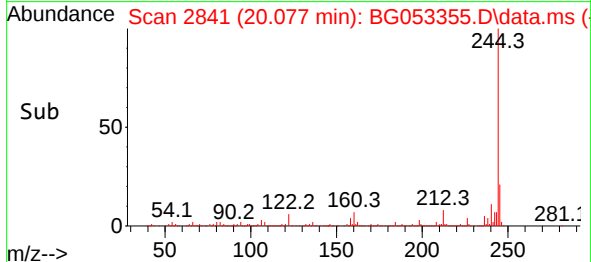
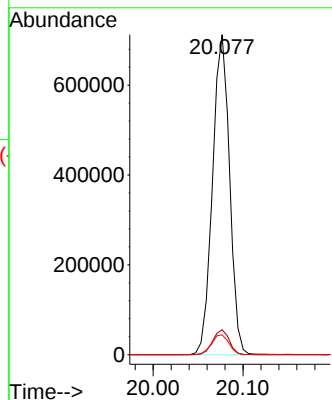
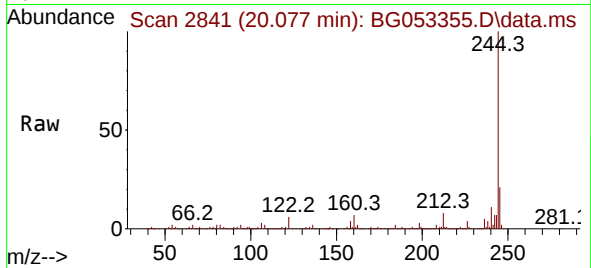




#79
 Terphenyl-d14
 Concen: 42.108 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053355.D
 Acq: 28 Apr 2022 1:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

Tgt Ion:244 Resp: 938135
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.058 min Scan# 3689
 Delta R.T. -0.003 min
 Lab File: BG053355.D
 Acq: 28 Apr 2022 1:18

Tgt Ion:264 Resp: 384310
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.2 15.1 22.7

