

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053364.D
 Acq On : 28 Apr 2022 13:33
 Operator : CG/JU
 Sample : N2482-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7R

Quant Time: Apr 29 03:21:26 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)

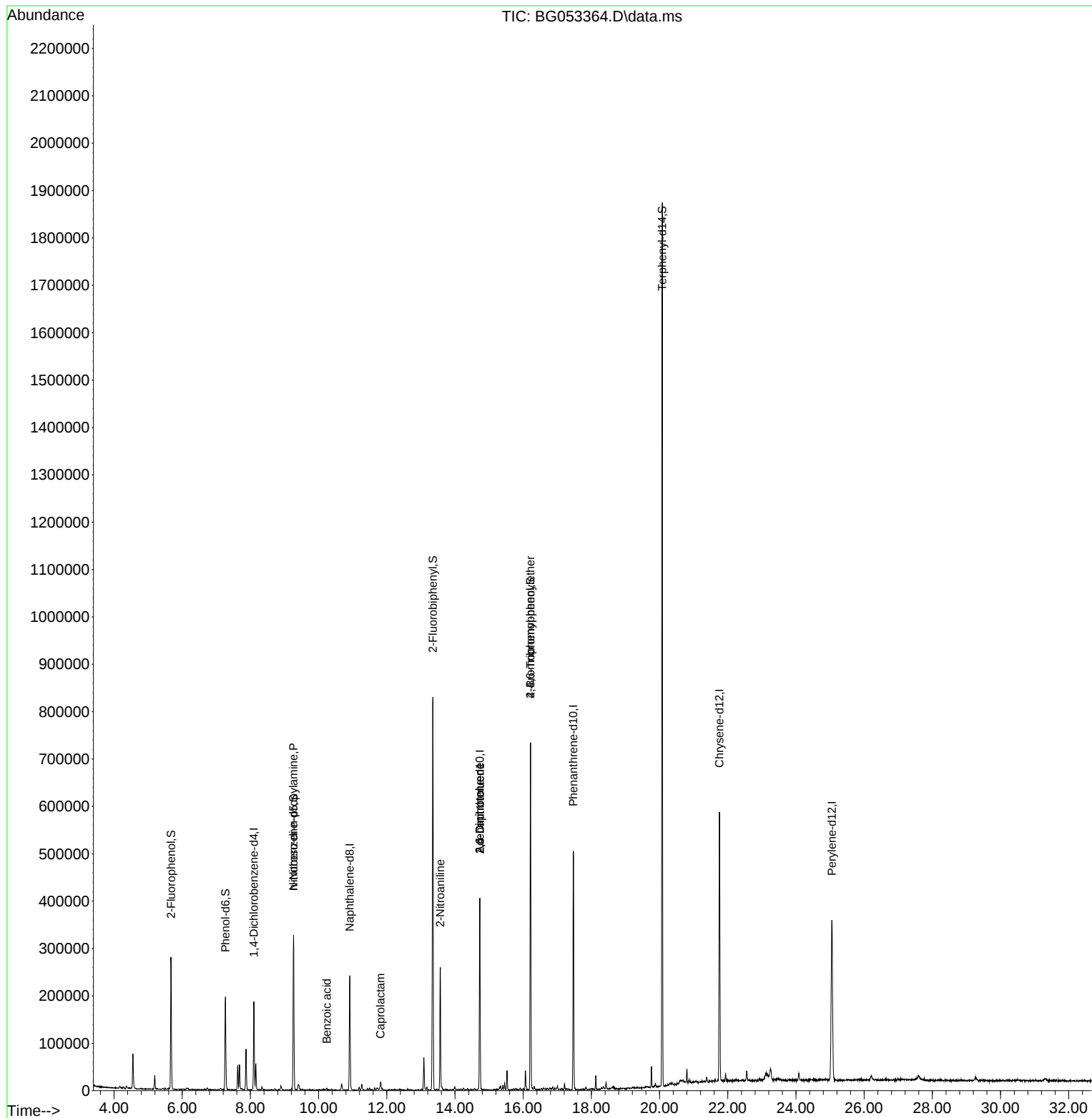
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	50896	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	194521	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	140542	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	334472	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	377998	20.000	ng	-0.01
86) Perylene-d12	25.053	264	377102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	118713	39.983	ng	0.00
7) Phenol-d6	7.265	99	113882	24.872	ng	0.00
23) Nitrobenzene-d5	9.263	82	207469	43.306	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	149067	66.668	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	444873	43.648	ng	0.00
79) Terphenyl-d14	20.077	244	944751	42.212	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	28906	8.623	ng	# 75
32) Benzoic acid	10.238	122	189	3.725	ng	# 80
35) Caprolactam	11.812	113	3055	2.470	ng	# 87
48) 2-Nitroaniline	13.563	65	8273	2.700	ng	# 16
51) 2,6-Dinitrotoluene	14.726	165	18733	7.988	ng	# 26
57) 2,4-Dinitrotoluene	14.726	165	18733	5.611	ng	# 24
67) 4-Bromophenyl-phenylether	16.212	248	9890	2.308	ng	# 1

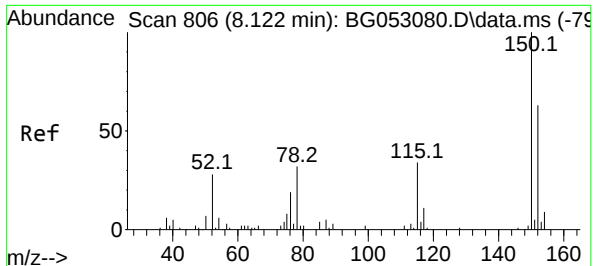
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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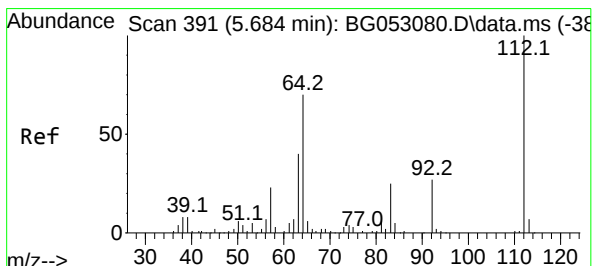
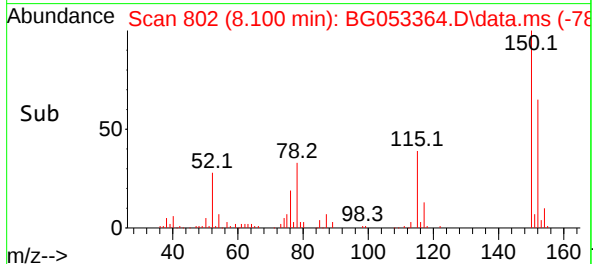
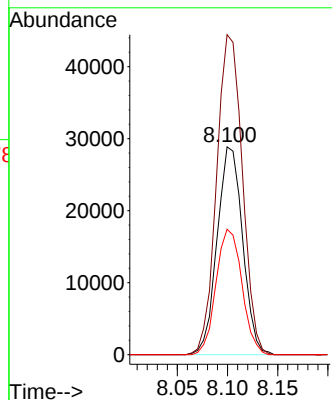
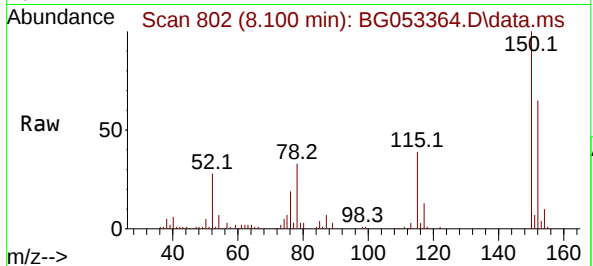




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 806
Delta R.T. -0.013 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

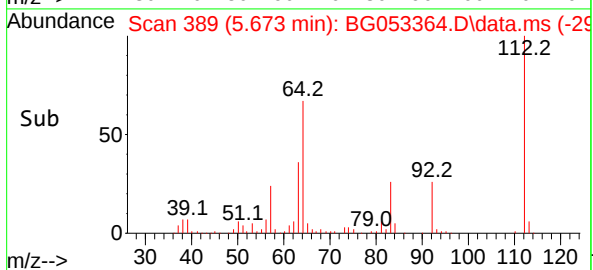
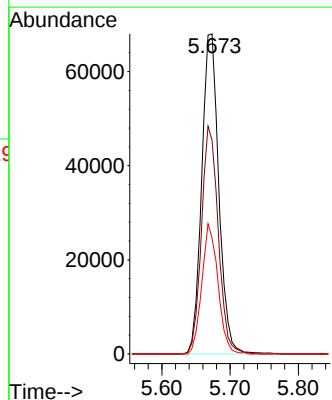
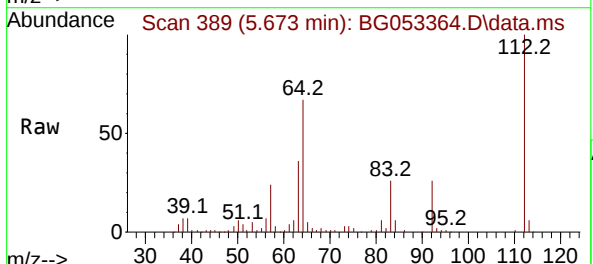
Instrument :
BNA_G
ClientSampleId :
MW-7R

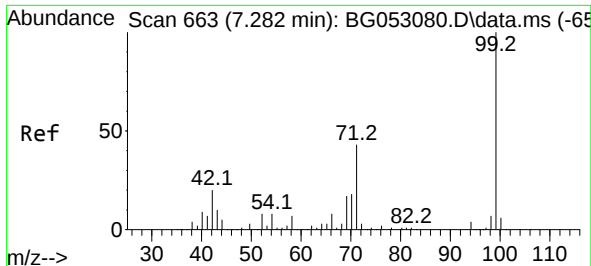
Tgt Ion:152 Resp: 50896
Ion Ratio Lower Upper
152 100
150 154.0 114.6 172.0
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 39.983 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion:112 Resp: 118713
Ion Ratio Lower Upper
112 100
64 66.8 48.0 72.0
63 36.2 26.5 39.7

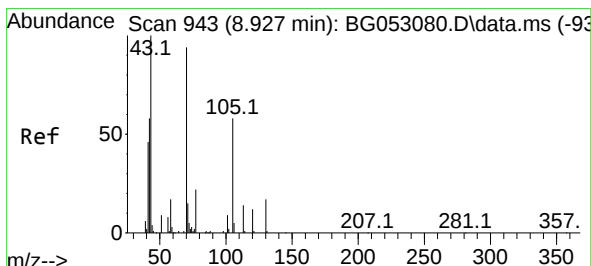
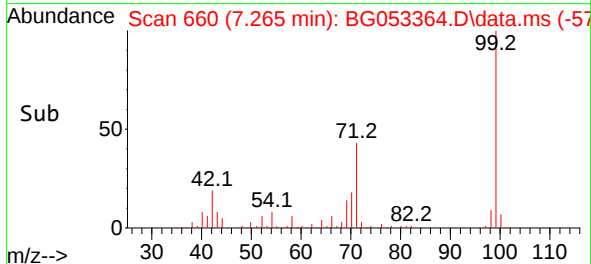
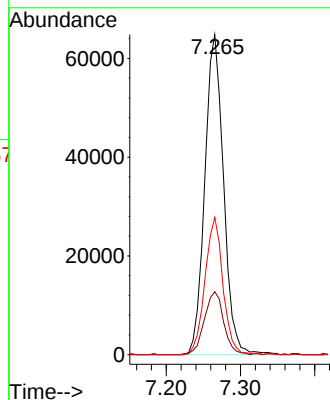
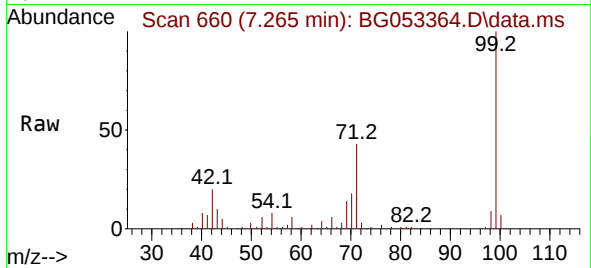




#7
Phenol-d6
Concen: 24.872 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

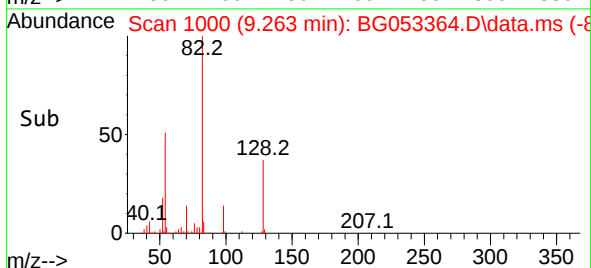
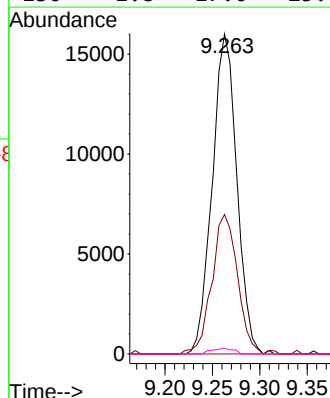
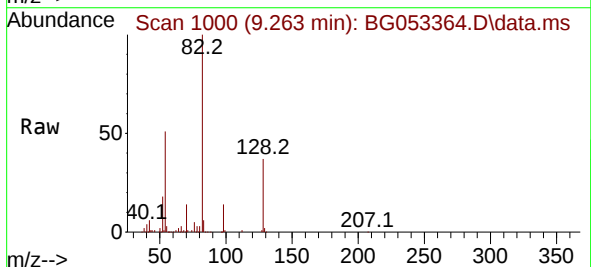
Instrument :
BNA_G
ClientSampleId :
MW-7R

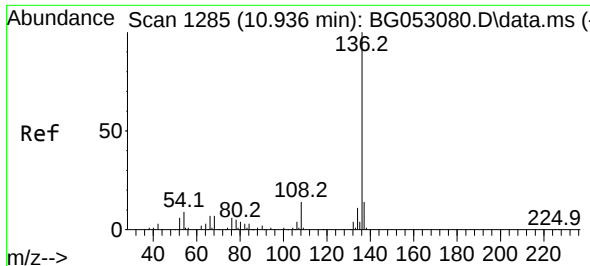
Tgt Ion: 99 Resp: 113882
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.623 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion: 70 Resp: 28906
Ion Ratio Lower Upper
70 100
42 43.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

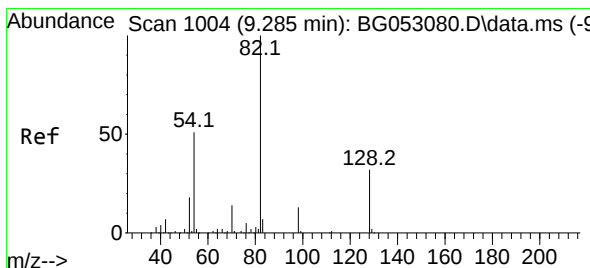
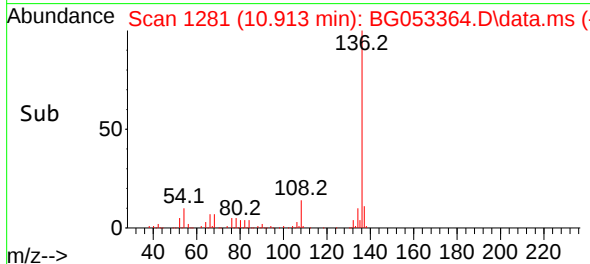
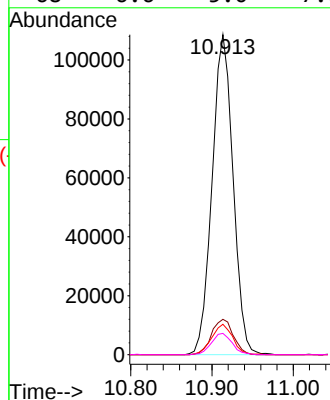
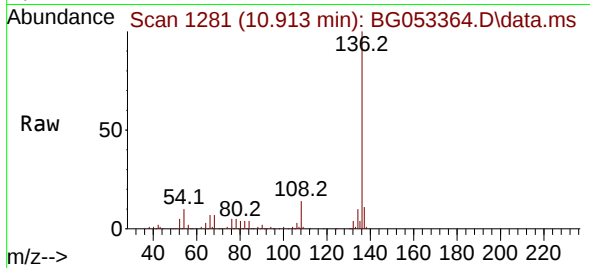




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

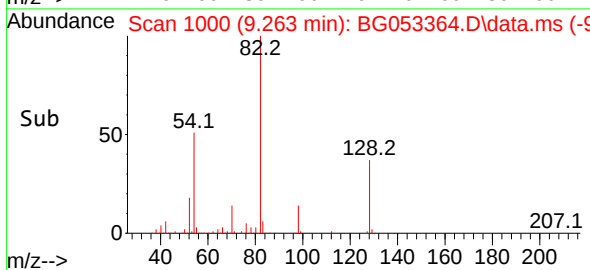
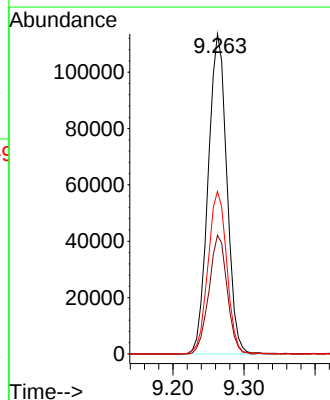
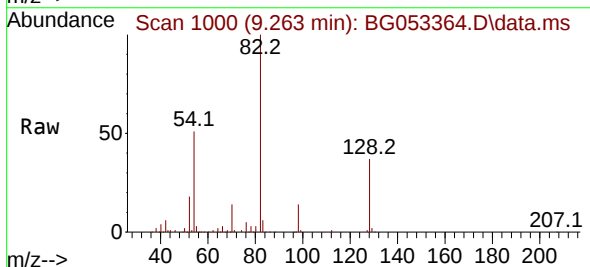
Instrument :
BNA_G
ClientSampleId :
MW-7R

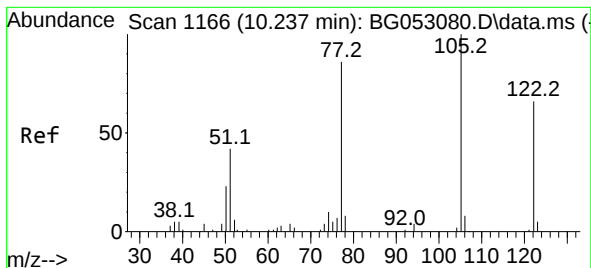
Tgt Ion:136	Resp: 194521
Ion Ratio	Lower Upper
136	100
137	11.1 9.4 14.2
54	9.5 6.4 9.6
68	6.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 43.306 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion: 82	Resp: 207469
Ion Ratio	Lower Upper
82	100
128	37.1 31.3 46.9
54	50.8 37.8 56.8





#32

Benzoic acid

Concen: 3.725 ng

RT: 10.238 min Scan# 1166

Delta R.T. 0.004 min

Lab File: BG053364.D

Acq: 28 Apr 2022 13:33

Instrument :

BNA_G

ClientSampleId :

MW-7R

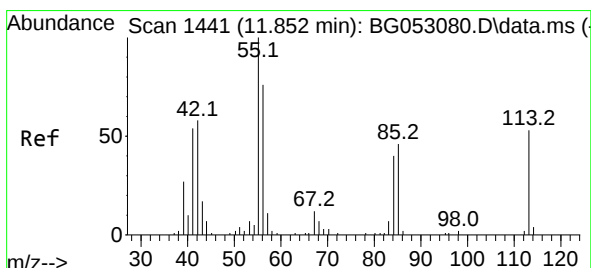
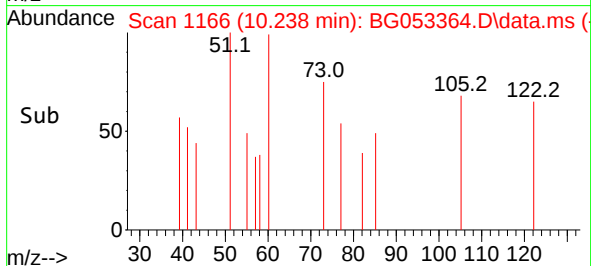
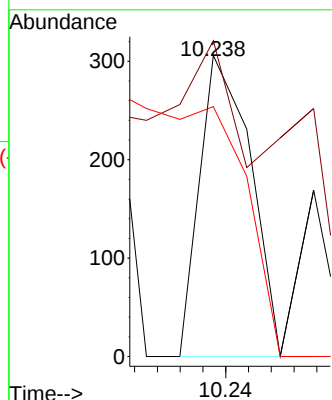
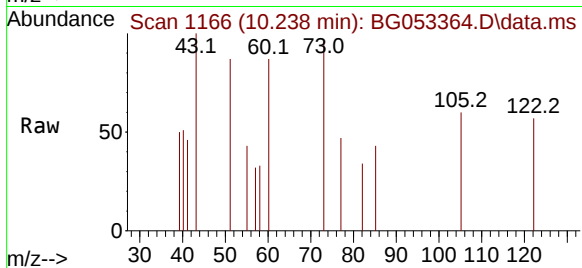
Tgt Ion:122 Resp: 189

Ion Ratio Lower Upper

122 100

105 104.9 112.8 152.8#

77 83.0 78.4 118.4



#35

Caprolactam

Concen: 2.470 ng

RT: 11.812 min Scan# 1434

Delta R.T. -0.037 min

Lab File: BG053364.D

Acq: 28 Apr 2022 13:33

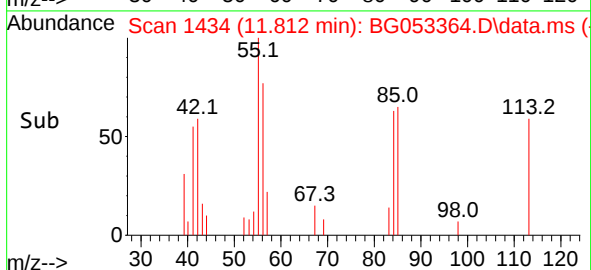
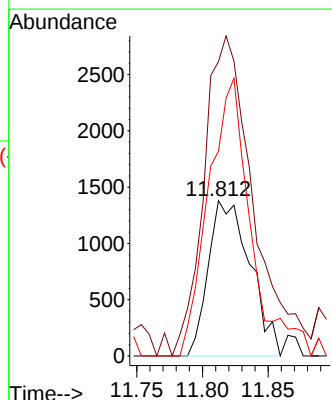
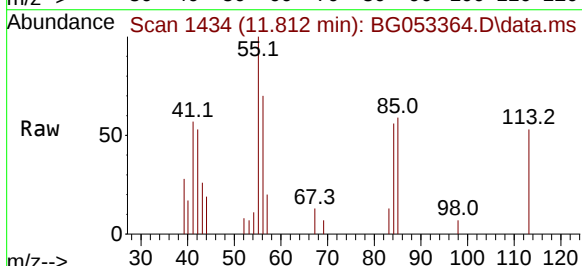
Tgt Ion:113 Resp: 3055

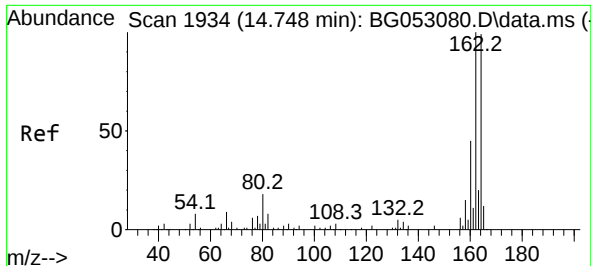
Ion Ratio Lower Upper

113 100

55 189.4 151.3 191.3

56 131.6 128.5 168.5

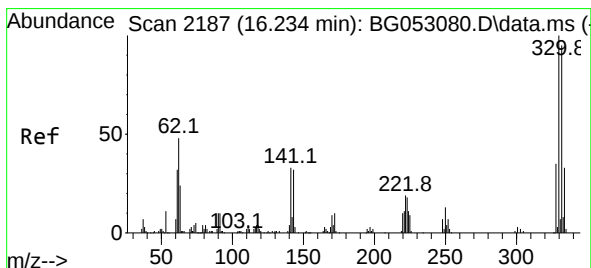
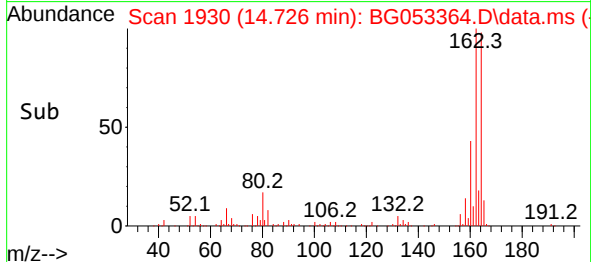
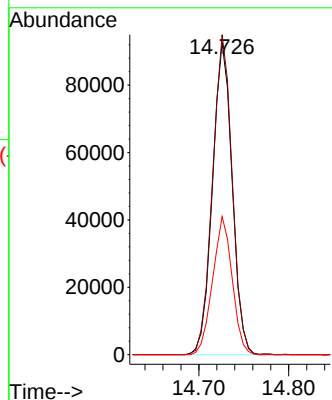
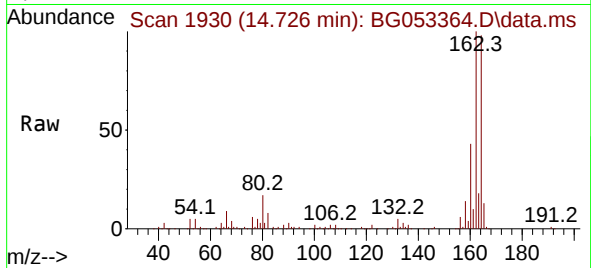




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

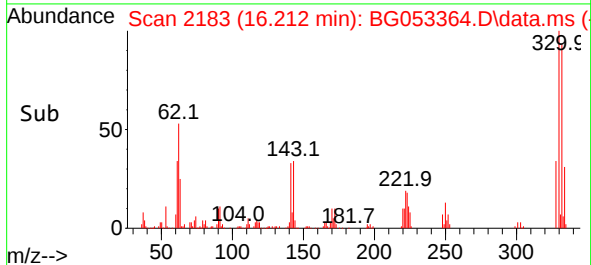
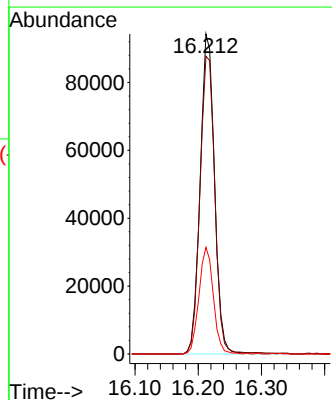
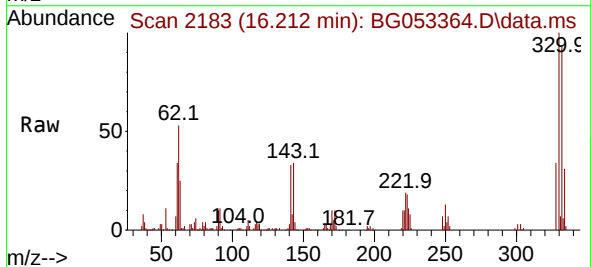
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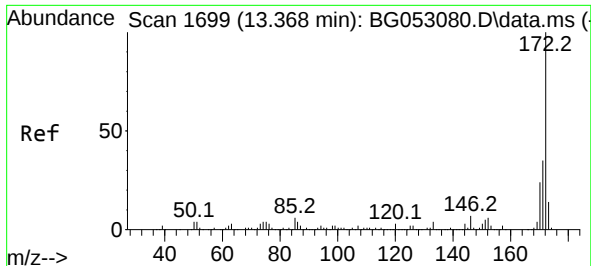
Tgt Ion:164 Resp: 140542
Ion Ratio Lower Upper
164 100
162 102.5 80.0 120.0
160 44.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 66.668 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion:330 Resp: 149067
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 33.2 24.6 36.8

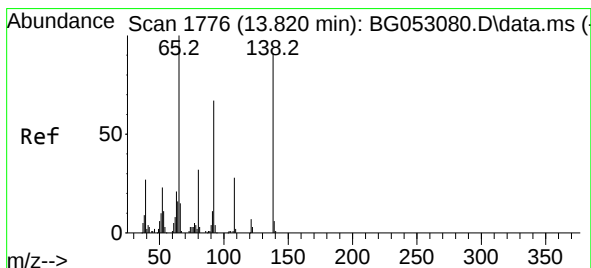
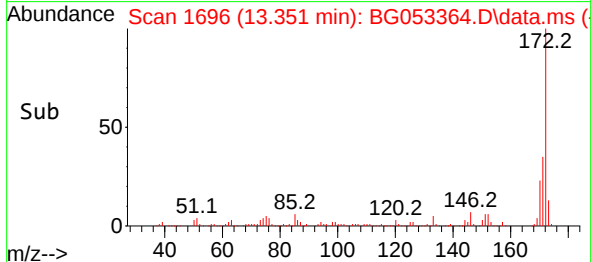
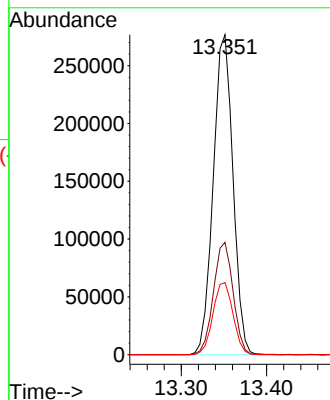
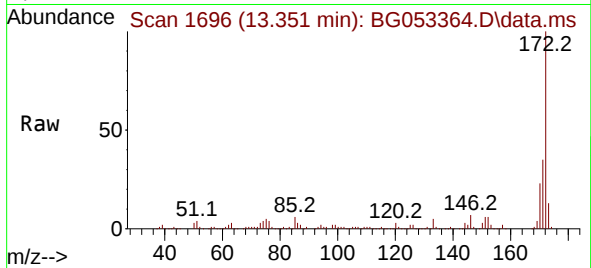




#45
2-Fluorobiphenyl
Concen: 43.648 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

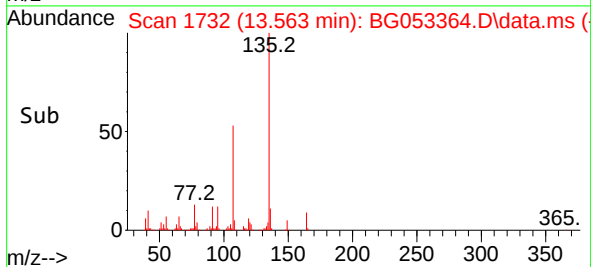
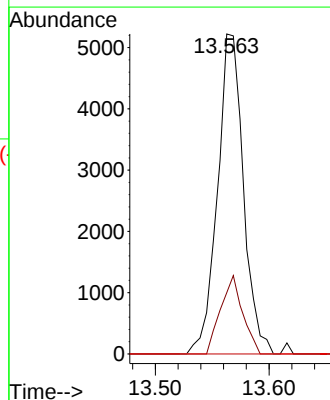
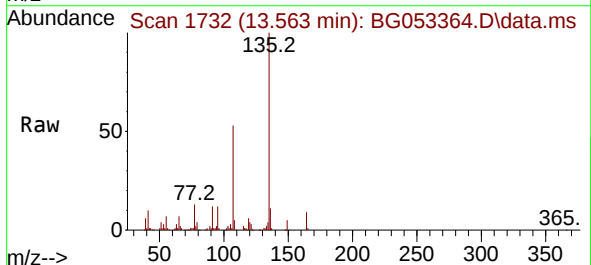
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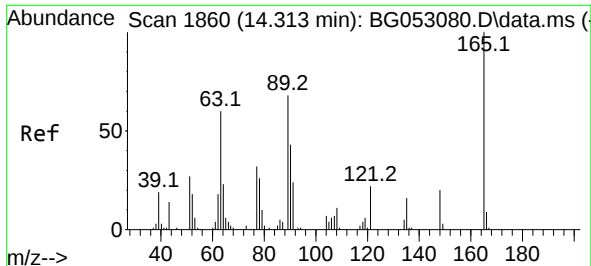
Tgt Ion:172 Resp: 444873
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.5 18.0 27.0



#48
2-Nitroaniline
Concen: 2.700 ng
RT: 13.563 min Scan# 1732
Delta R.T. -0.249 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion: 65 Resp: 8273
Ion Ratio Lower Upper
65 100
92 19.1 52.1 78.1#
138 0.0 80.1 120.1#





#51

2,6-Dinitrotoluene

Concen: 7.988 ng

RT: 14.726 min Scan# 1930

Delta R.T. 0.421 min

Lab File: BG053364.D

Acq: 28 Apr 2022 13:33

Instrument :

BNA_G

ClientSampleId :

MW-7R

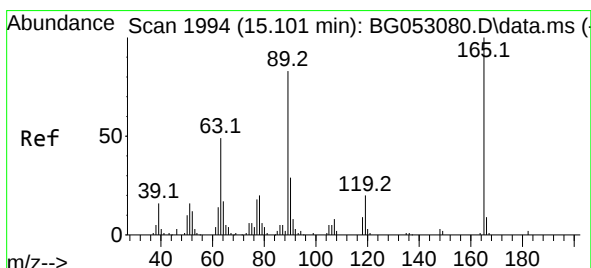
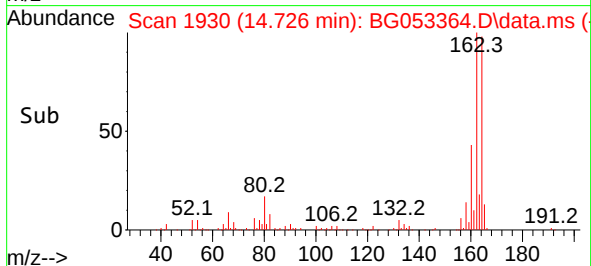
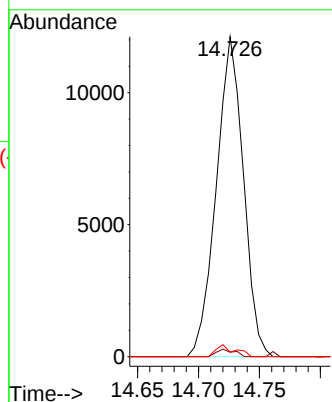
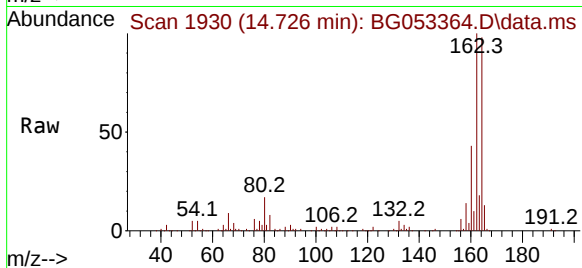
Tgt Ion:165 Resp: 18733

Ion Ratio Lower Upper

165 100

63 1.4 43.7 65.5#

89 1.5 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.611 ng

RT: 14.726 min Scan# 1930

Delta R.T. -0.366 min

Lab File: BG053364.D

Acq: 28 Apr 2022 13:33

Tgt Ion:165 Resp: 18733

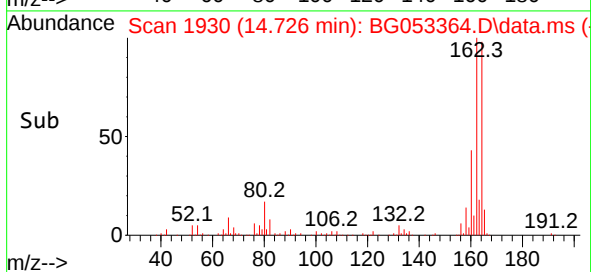
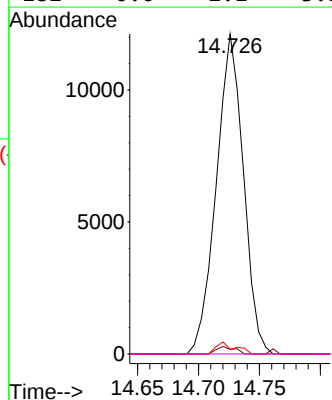
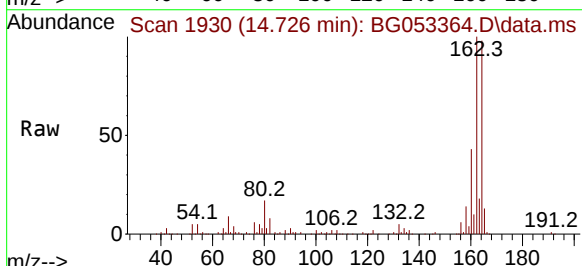
Ion Ratio Lower Upper

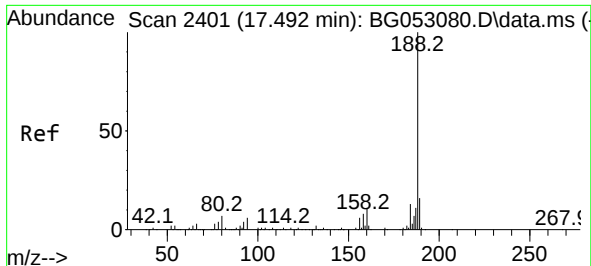
165 100

63 1.4 34.8 52.2#

89 1.5 57.4 86.0#

182 0.0 2.1 3.1#

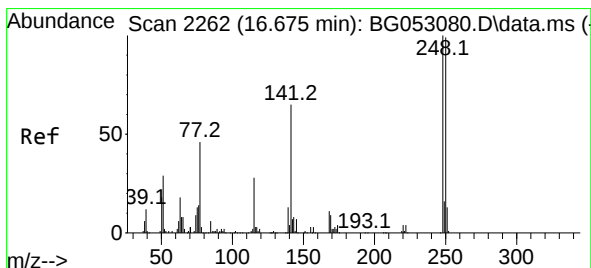
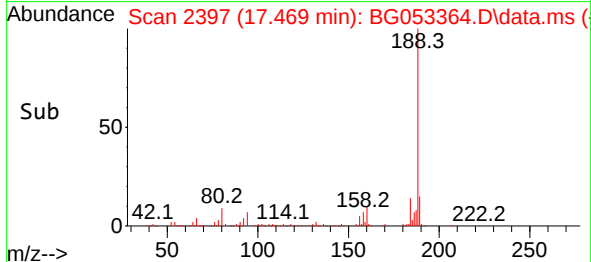
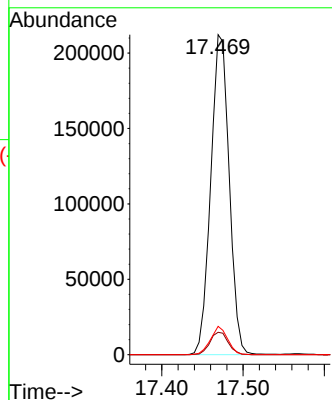
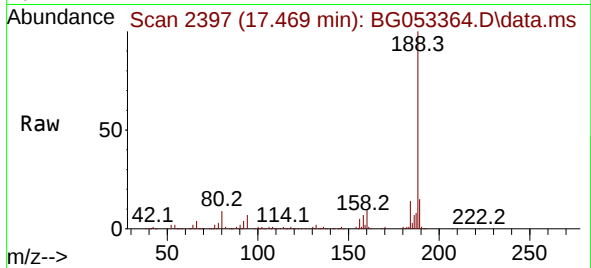




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

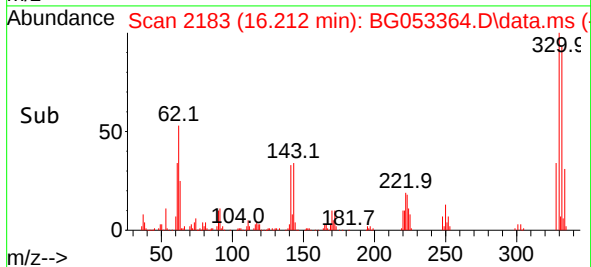
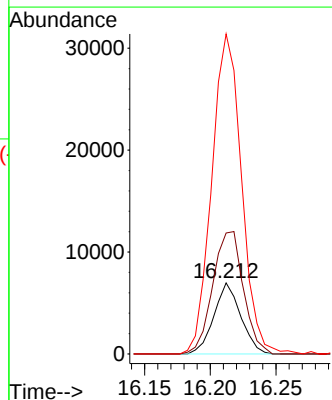
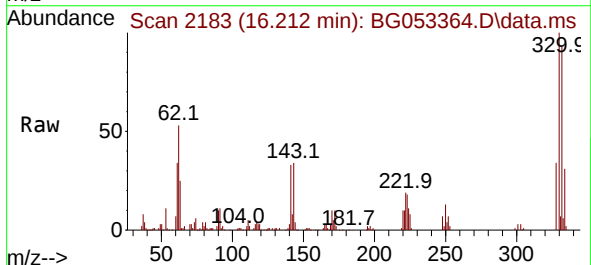
Instrument :
BNA_G
ClientSampleId :
MW-7R

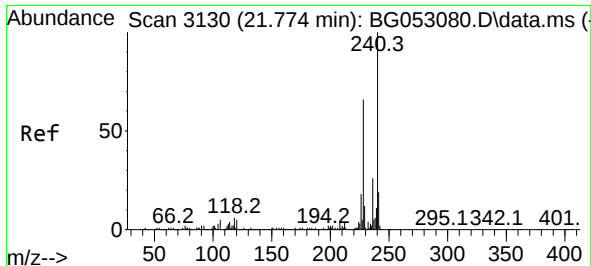
Tgt Ion:188 Resp: 334472
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.308 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Tgt Ion:248 Resp: 9890
Ion Ratio Lower Upper
248 100
250 170.4 77.9 116.9#
141 450.9 49.2 73.8#

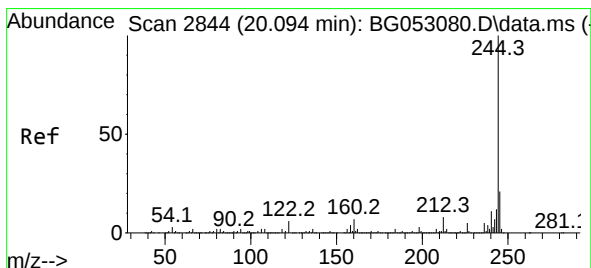
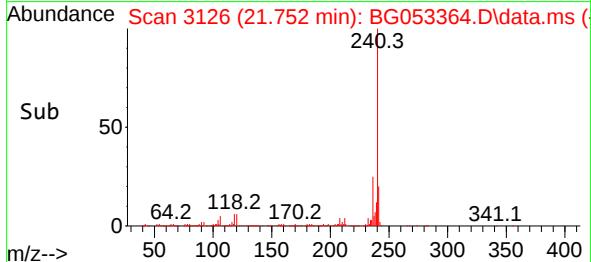
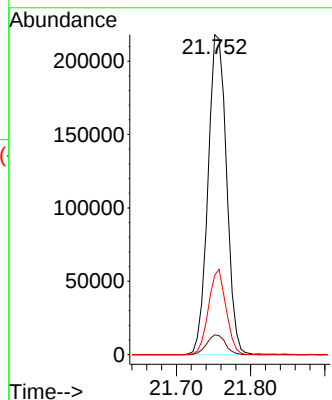
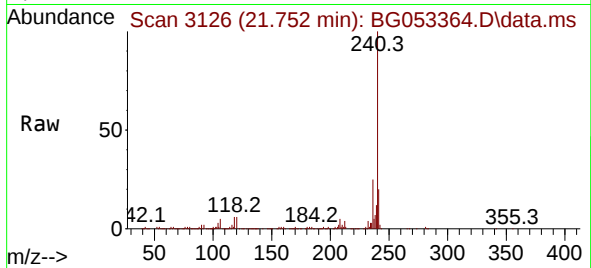




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3130
Delta R.T. -0.014 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

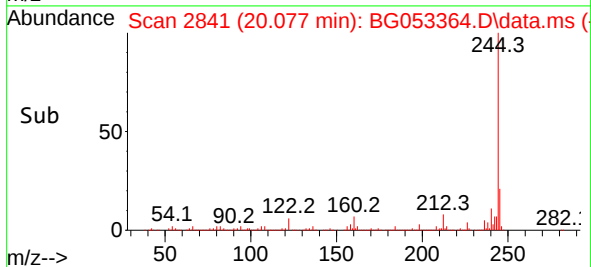
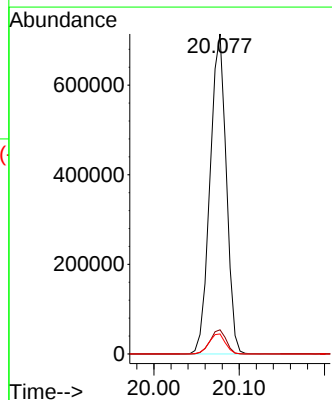
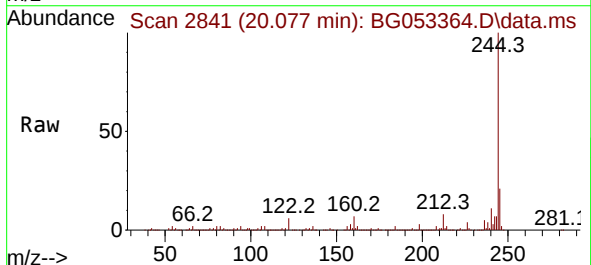
Instrument :
BNA_G
ClientSampleId :
MW-7R

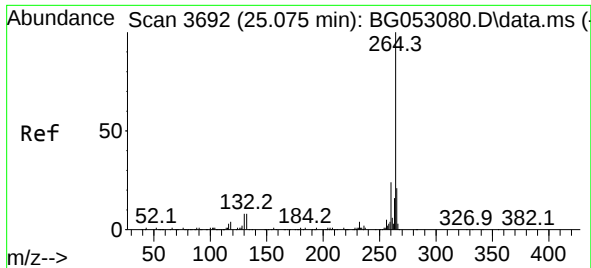
Tgt Ion:240 Resp: 377998
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.9 19.8 29.6



#79
Terphenyl-d14
Concen: 42.212 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

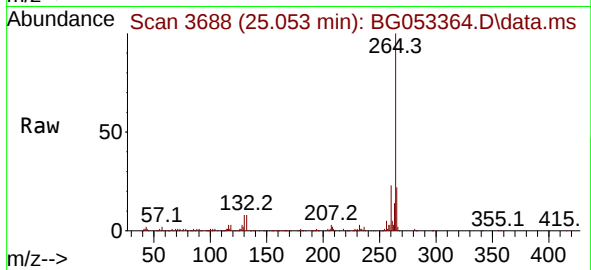
Tgt Ion:244 Resp: 944751
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053364.D
Acq: 28 Apr 2022 13:33

Instrument :
BNA_G
ClientSampleId :
MW-7R



Tgt Ion:264 Resp: 377102

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.1	15.1	22.7

