

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053351.D
 Acq On : 27 Apr 2022 17:27
 Operator : CG/JU
 Sample : N2481-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Quant Time: Apr 28 06:41:15 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)

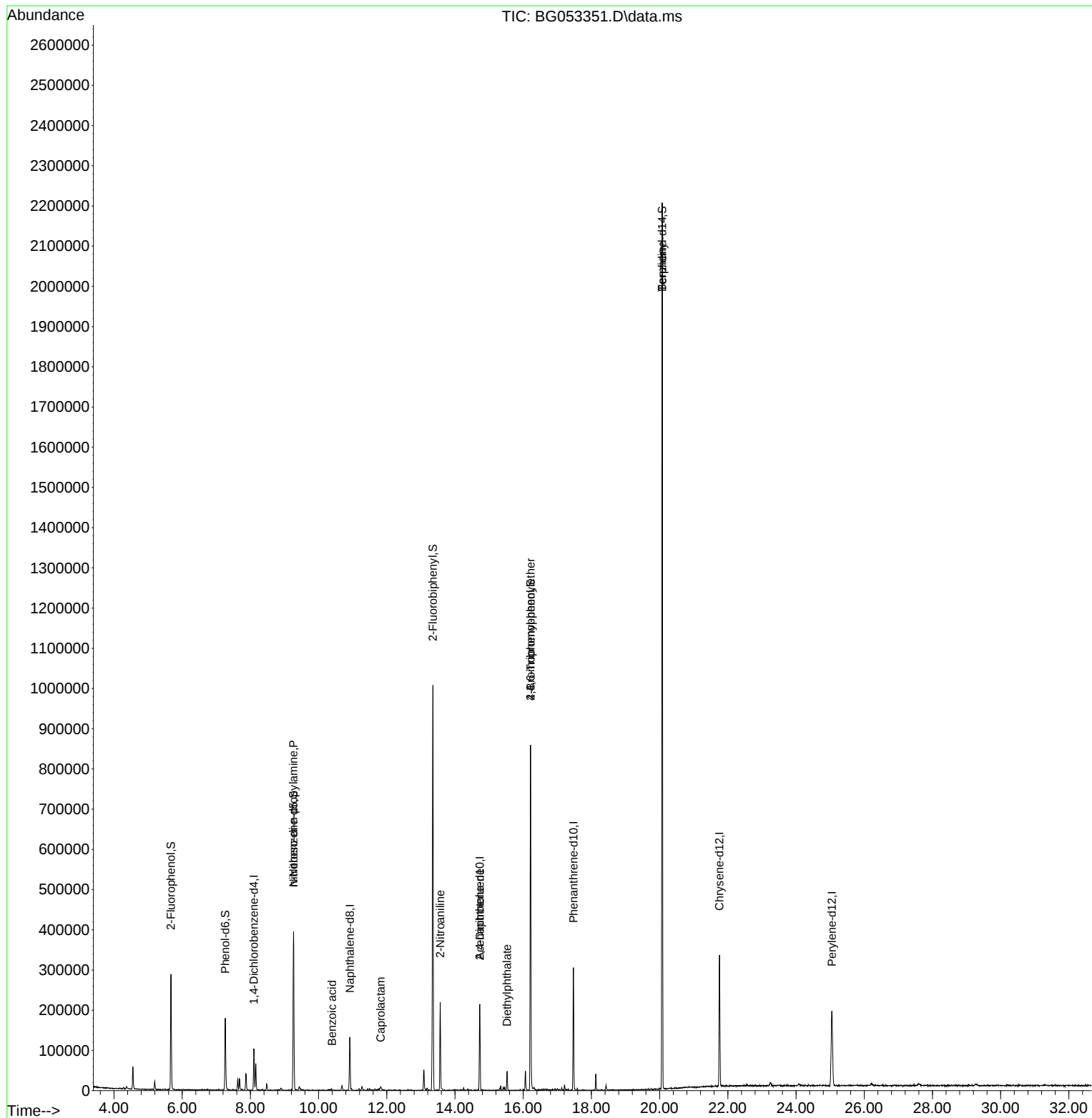
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	28403	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	108966	20.000	ng	0.00
39) Acenaphthene-d10	14.729	164	76375	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	197543	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	220118	20.000	ng	-0.01
86) Perylene-d12	25.050	264	217197	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	117579	70.961	ng	0.00
7) Phenol-d6	7.262	99	104561	40.921	ng	-0.01
23) Nitrobenzene-d5	9.266	82	252062	93.925	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	175912	144.772	ng	-0.01
45) 2-Fluorobiphenyl	13.354	172	544566	98.318	ng	0.00
79) Terphenyl-d14	20.075	244	1155367	88.648	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	34909	18.661	ng	# 78
32) Benzoic acid	10.399	122	56	3.680	ng	# 1
35) Caprolactam	11.821	113	1399	2.020	ng	# 84
48) 2-Nitroaniline	13.566	65	7178	4.310	ng	# 17
57) 2,4-Dinitrotoluene	14.729	165	10753	5.927	ng	# 26
60) Diethylphthalate	15.528	149	25764	4.025	ng	# 94
67) 4-Bromophenyl-phenylether	16.215	248	11319	4.472	ng	# 1
77) Benzidine	20.075	184	19291	3.072	ng	# 88

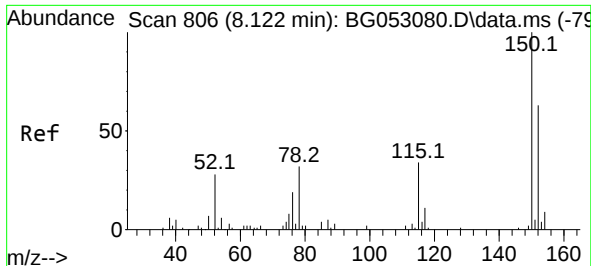
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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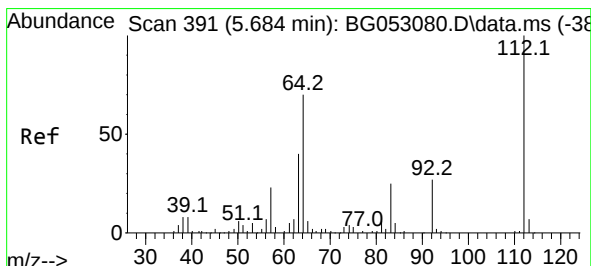
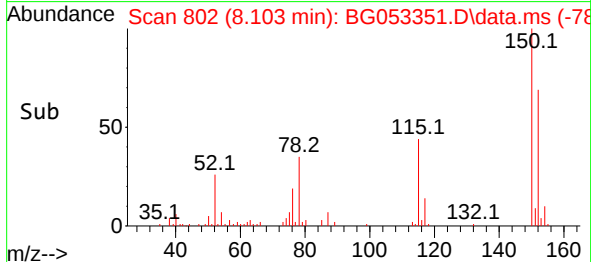
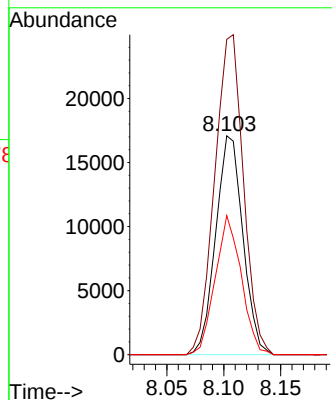
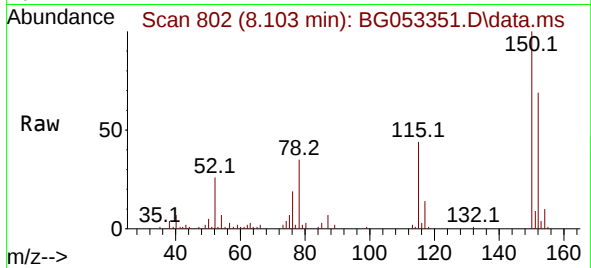




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 806
Delta R.T. -0.010 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

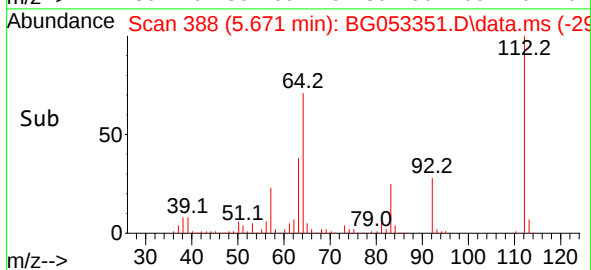
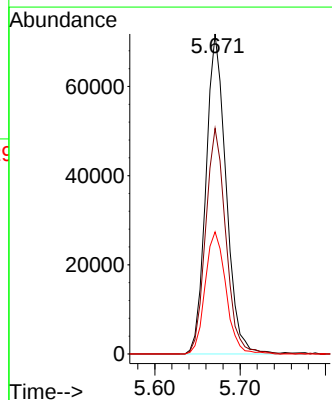
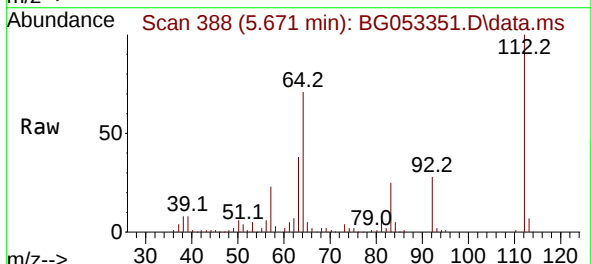
Instrument :
BNA_G
ClientSampleId :
MW-1R

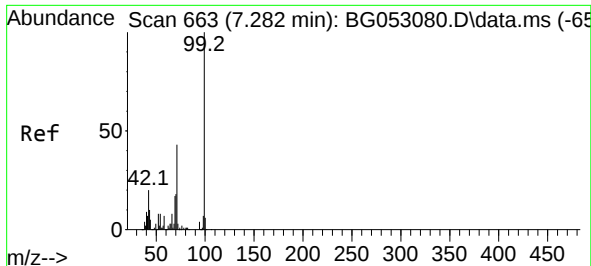
Tgt Ion:152 Resp: 28403
Ion Ratio Lower Upper
152 100
150 144.1 114.6 172.0
115 63.5 45.9 68.9



#5
2-Fluorophenol
Concen: 70.961 ng
RT: 5.671 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion:112 Resp: 117579
Ion Ratio Lower Upper
112 100
64 70.5 48.0 72.0
63 38.2 26.5 39.7

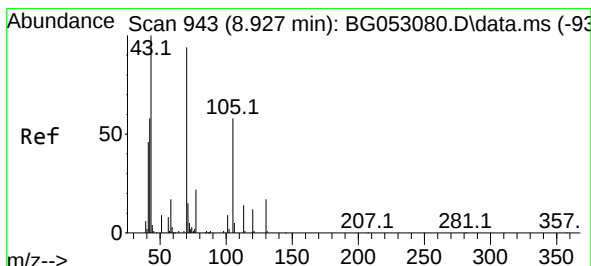
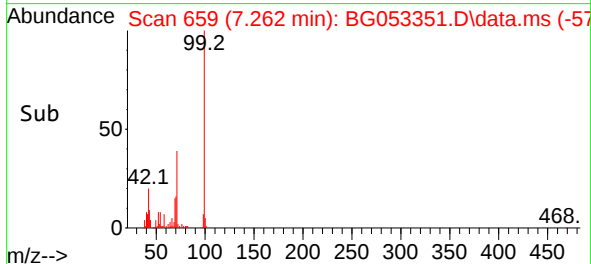
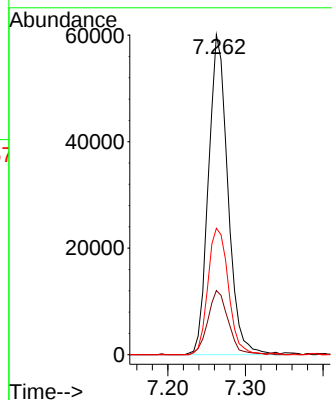
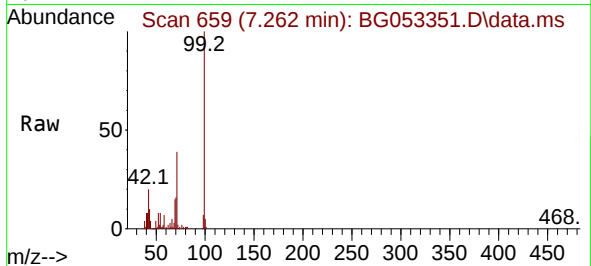




#7
Phenol-d6
Concen: 40.921 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

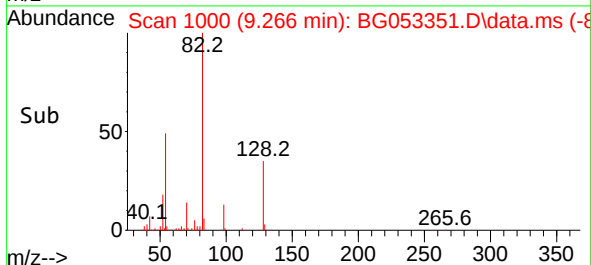
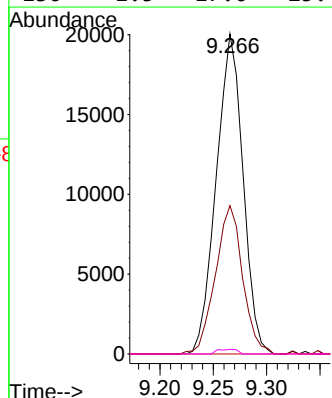
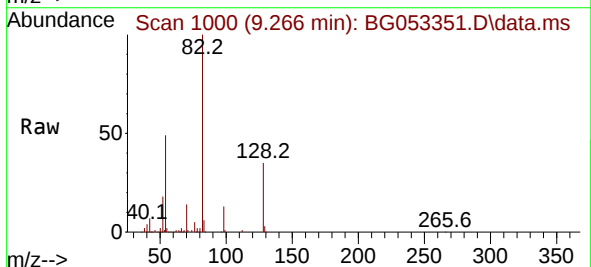
Instrument :
BNA_G
ClientSampleId :
MW-1R

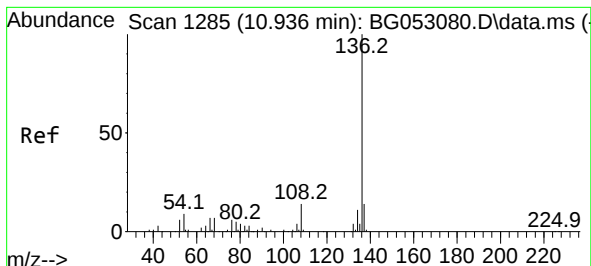
Tgt Ion: 99 Resp: 104561
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 39.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.661 ng
RT: 9.266 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion: 70 Resp: 34909
Ion Ratio Lower Upper
70 100
42 46.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

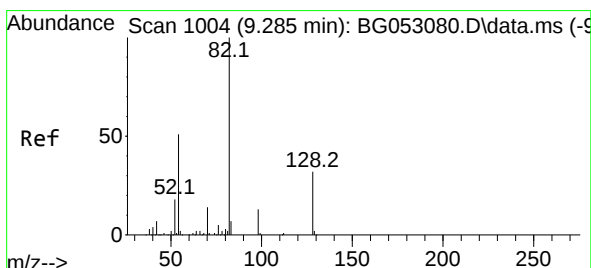
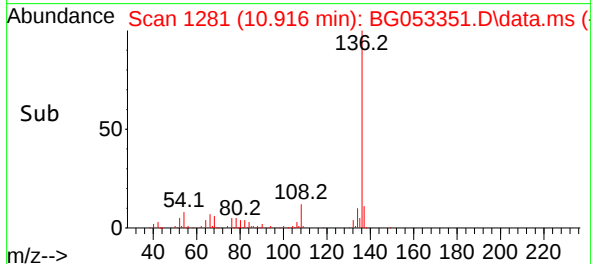
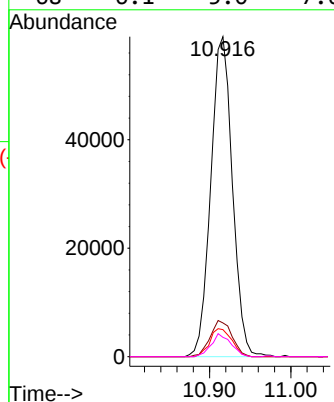
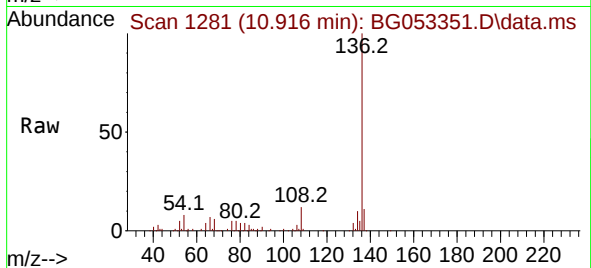




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1089
Delta R.T. -0.005 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

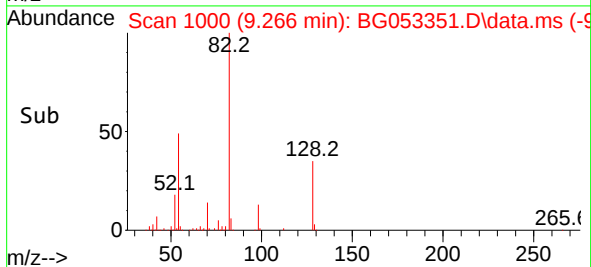
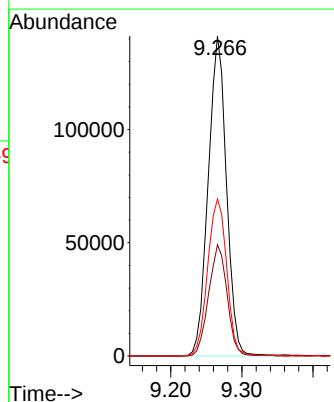
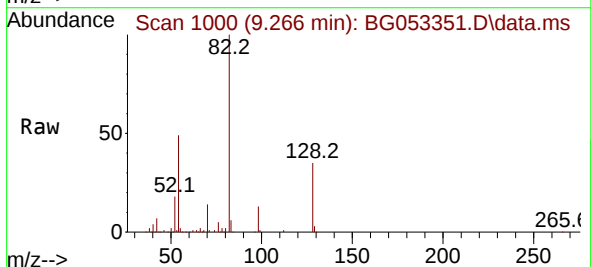
Instrument :
BNA_G
ClientSampleId :
MW-1R

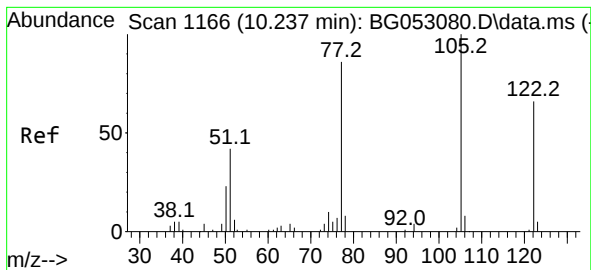
Tgt Ion:	136	Resp:	108966
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.4	14.2
54	8.4	6.4	9.6
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 93.925 ng
RT: 9.266 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion:	82	Resp:	252062
Ion Ratio	Lower	Upper	
82	100		
128	34.7	31.3	46.9
54	49.0	37.8	56.8





#32

Benzoic acid

Concen: 3.680 ng

RT: 10.399 min Scan# 1166

Delta R.T. 0.165 min

Lab File: BG053351.D

Acq: 27 Apr 2022 17:27

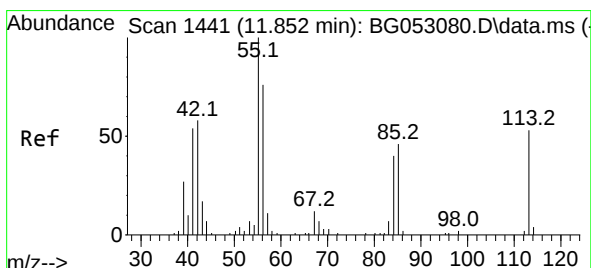
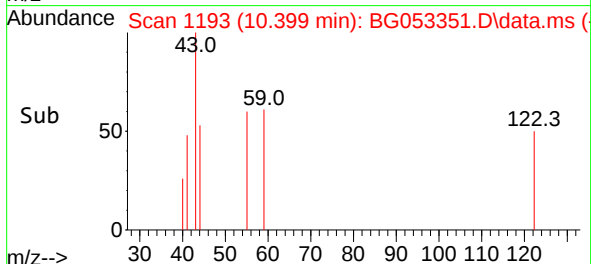
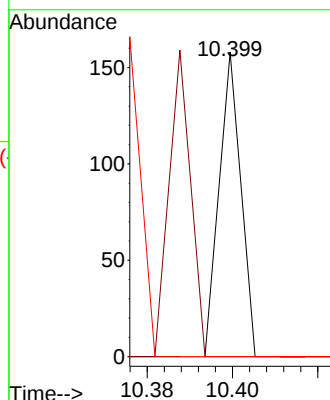
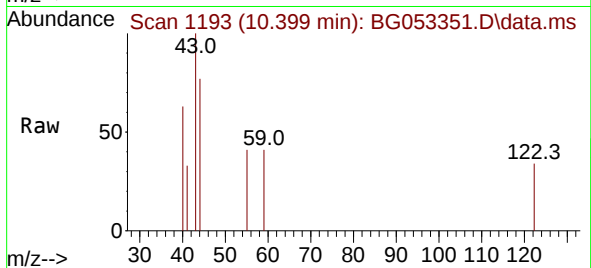
Instrument :

BNA_G

ClientSampleId :

MW-1R

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: 2.020 ng

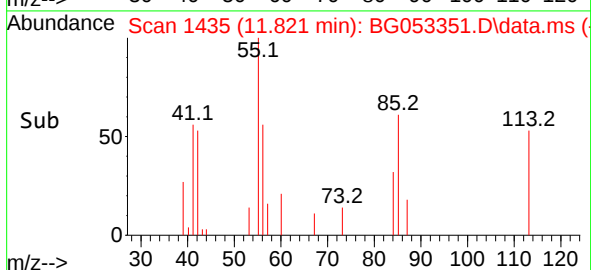
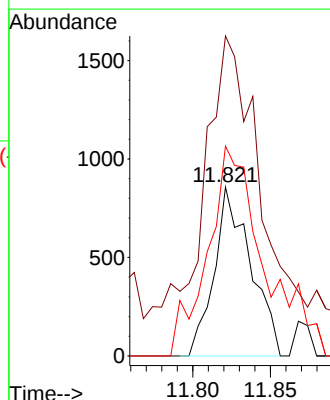
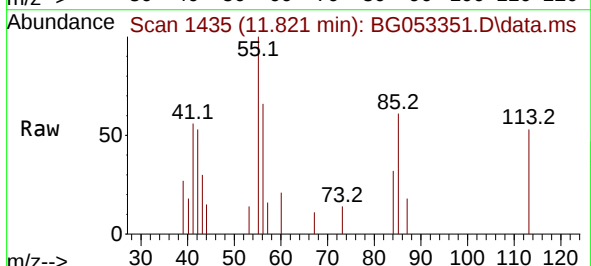
RT: 11.821 min Scan# 1435

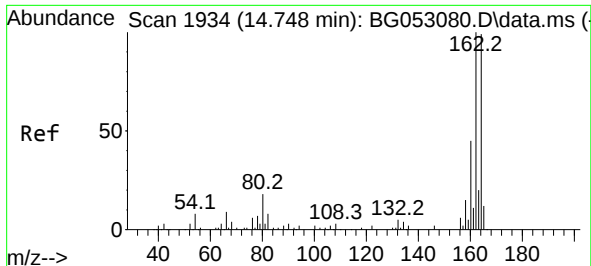
Delta R.T. -0.029 min

Lab File: BG053351.D

Acq: 27 Apr 2022 17:27

Tgt Ion:113	Resp:	1399
Ion Ratio	Lower	Upper
113	100	
55	189.4	151.3 191.3
56	124.2	128.5 168.5#

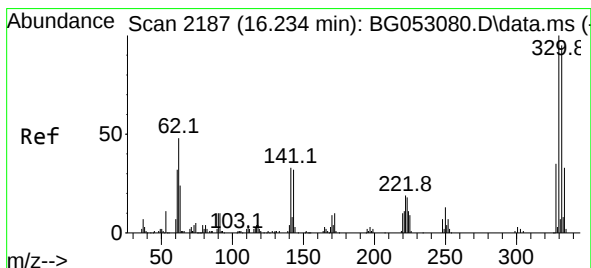
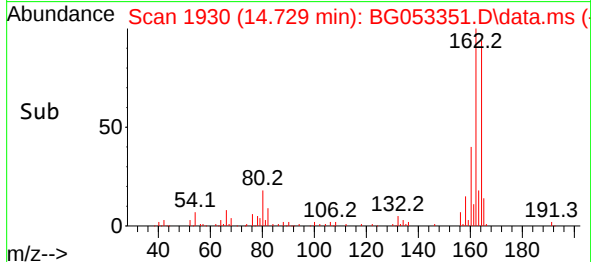
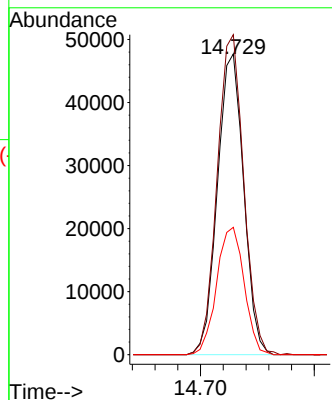
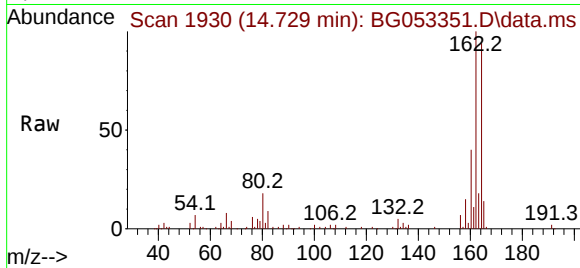




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

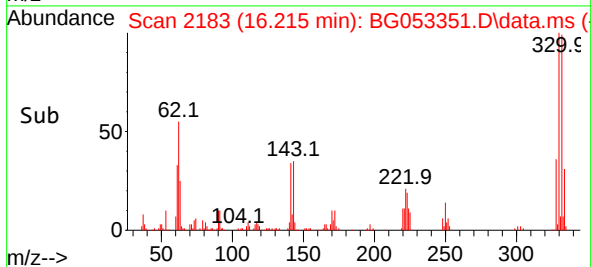
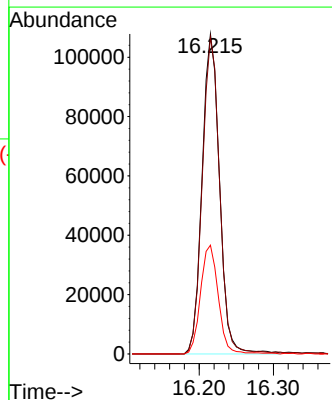
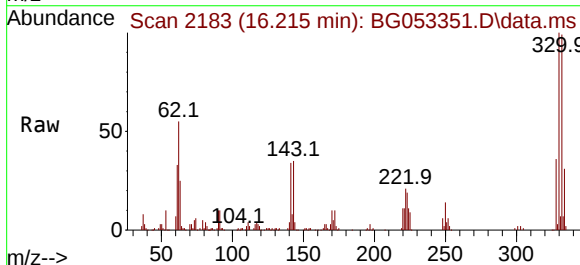
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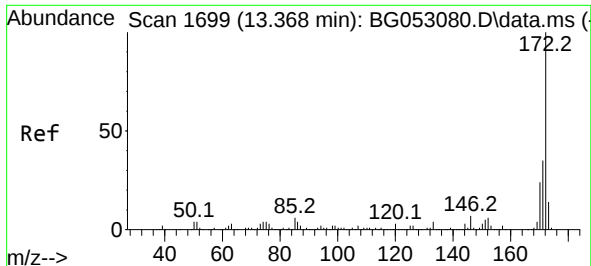
Tgt Ion:164 Resp: 76375
Ion Ratio Lower Upper
164 100
162 106.4 80.0 120.0
160 42.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 144.772 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion:330 Resp: 175912
Ion Ratio Lower Upper
330 100
332 98.2 75.8 113.6
141 34.6 24.6 36.8

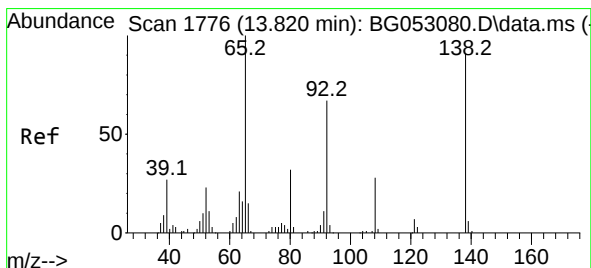
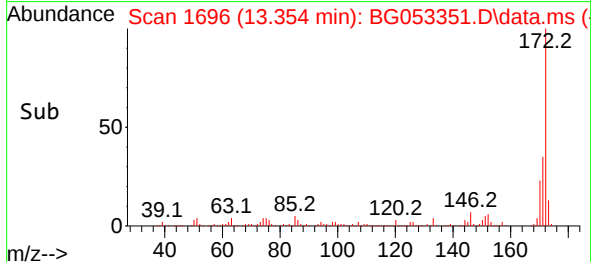
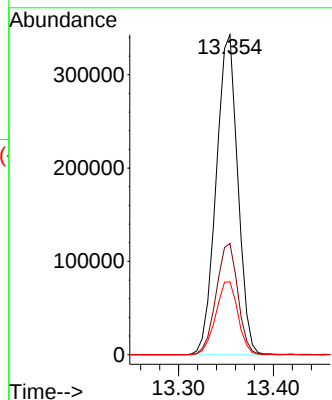
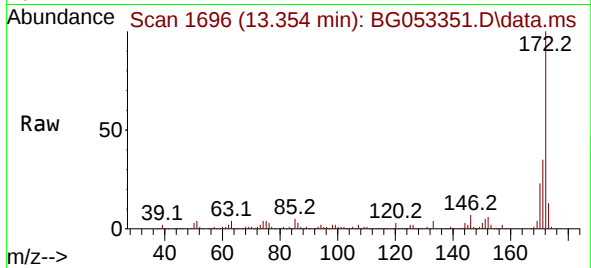




#45
2-Fluorobiphenyl
Concen: 98.318 ng
RT: 13.354 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

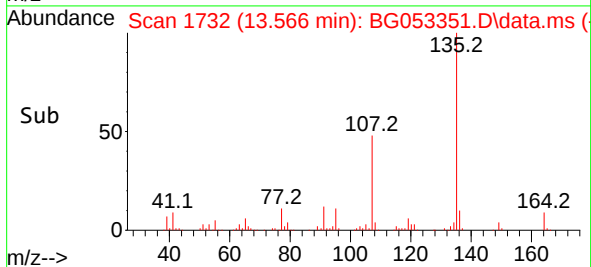
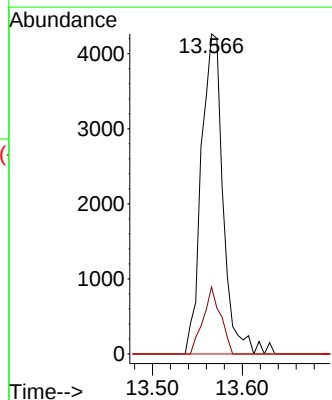
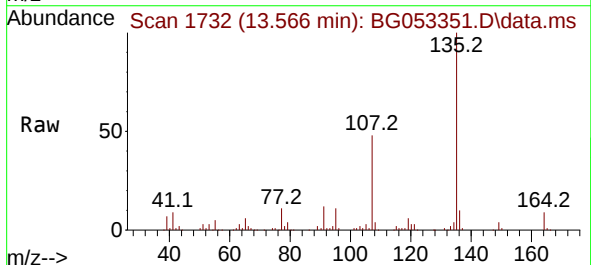
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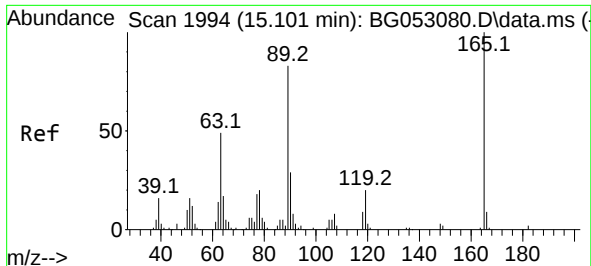
Tgt Ion:172 Resp: 544566
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.8 18.0 27.0



#48
2-Nitroaniline
Concen: 4.310 ng
RT: 13.566 min Scan# 1732
Delta R.T. -0.246 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion: 65 Resp: 7178
Ion Ratio Lower Upper
65 100
92 20.9 52.1 78.1#
138 0.0 80.1 120.1#

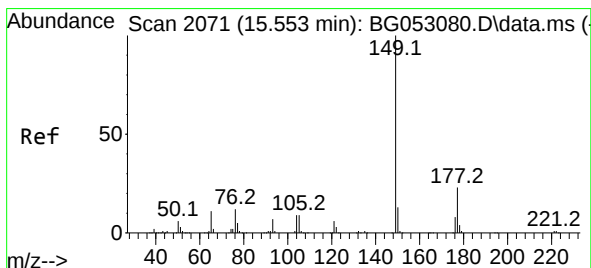
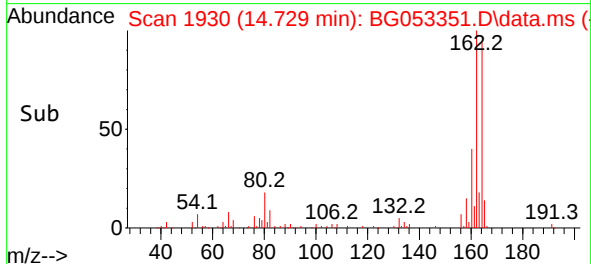
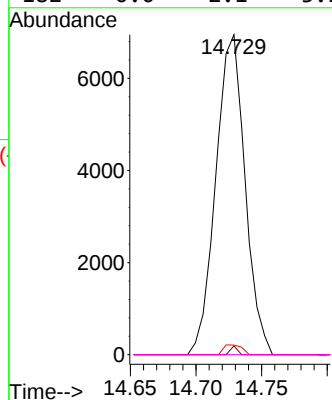
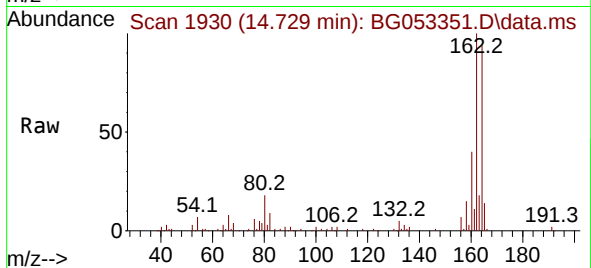




#57
2,4-Dinitrotoluene
Concen: 5.927 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.363 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

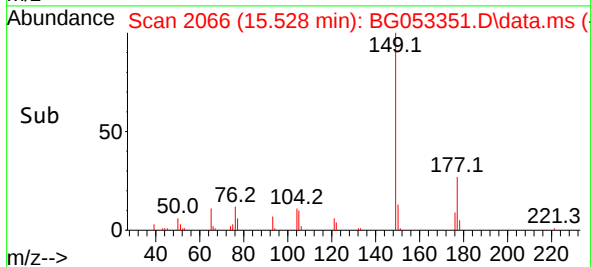
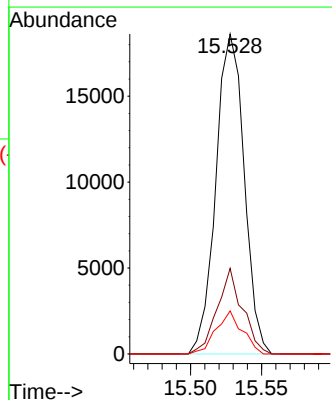
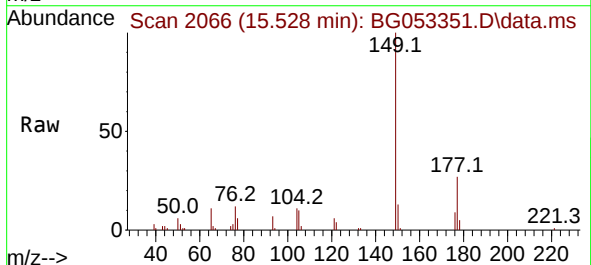
Instrument :
BNA_G
ClientSampleId :
MW-1R

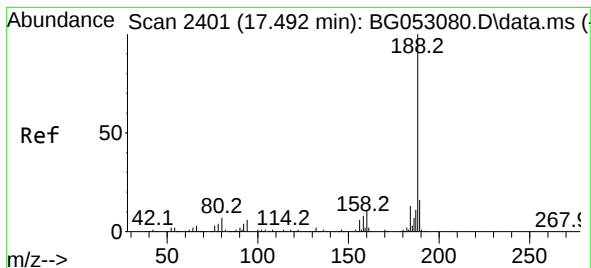
Tgt Ion:165 Resp: 10753
Ion Ratio Lower Upper
165 100
63 2.8 34.8 52.2#
89 3.0 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 4.025 ng
RT: 15.528 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion:149 Resp: 25764
Ion Ratio Lower Upper
149 100
177 26.7 18.2 27.2
150 13.4 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.472 min Scan# 2183

Delta R.T. -0.011 min

Lab File: BG053351.D

Acq: 27 Apr 2022 17:27

Instrument :

BNA_G

ClientSampleId :

MW-1R

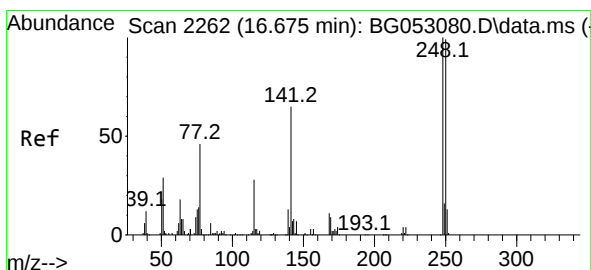
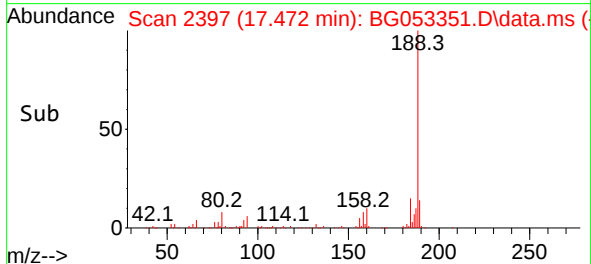
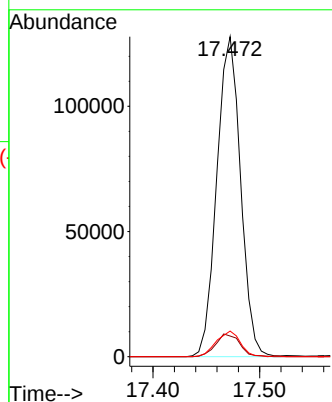
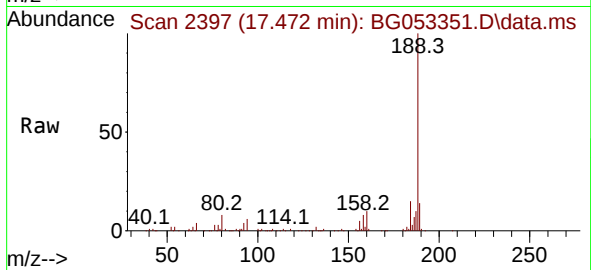
Tgt Ion:188 Resp: 197543

Ion Ratio Lower Upper

188 100

94 6.4 5.7 8.5

80 8.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.472 ng

RT: 16.215 min Scan# 2183

Delta R.T. -0.446 min

Lab File: BG053351.D

Acq: 27 Apr 2022 17:27

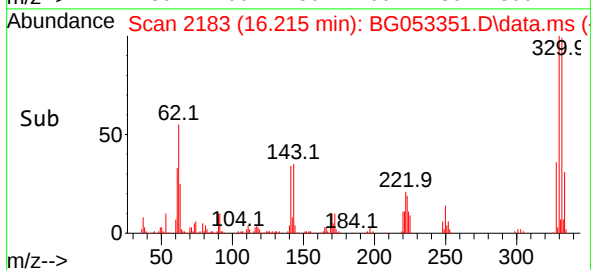
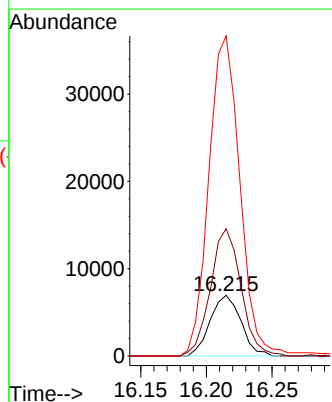
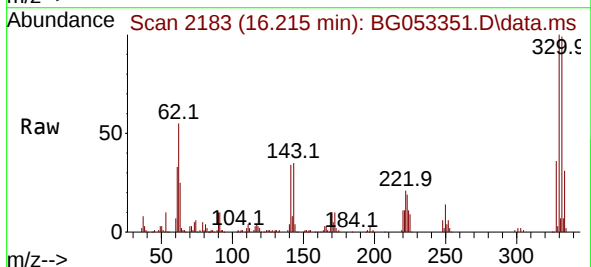
Tgt Ion:248 Resp: 11319

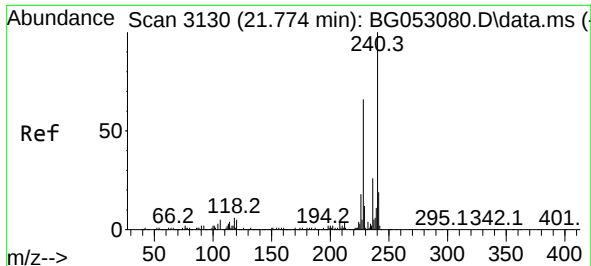
Ion Ratio Lower Upper

248 100

250 210.0 77.9 116.9#

141 528.1 49.2 73.8#

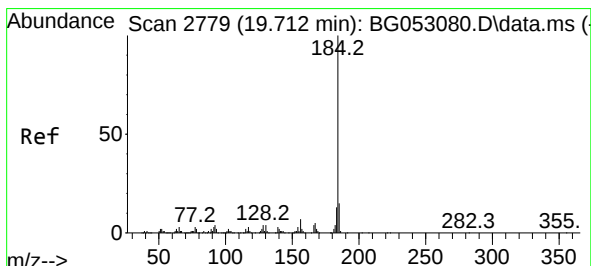
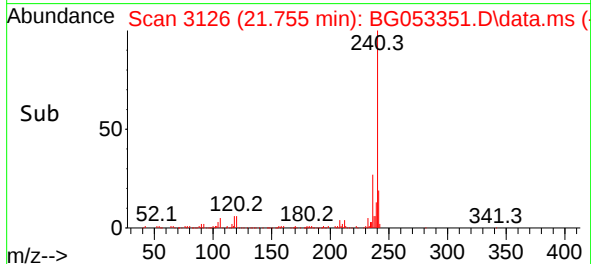
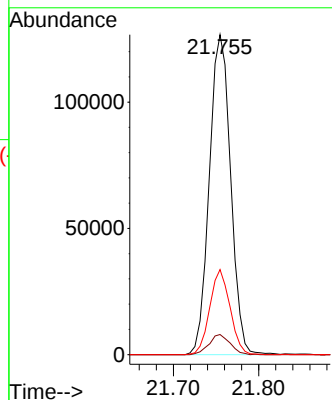
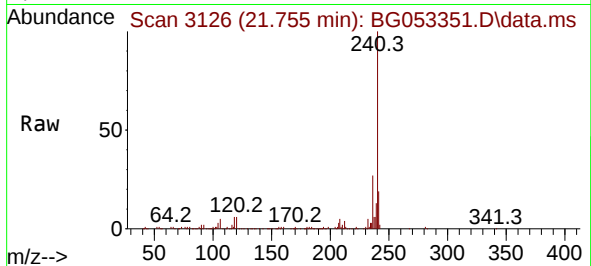




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

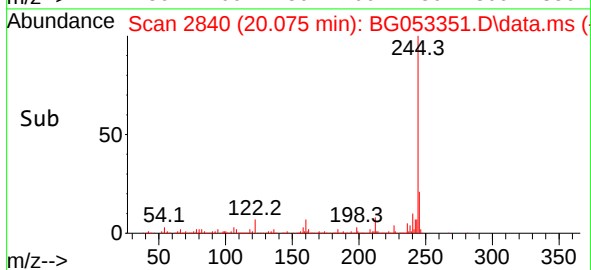
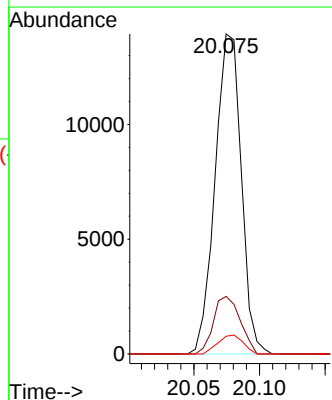
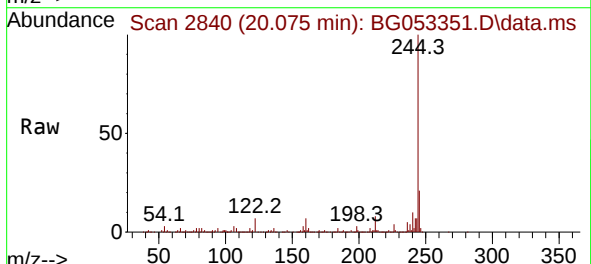
Instrument :
BNA_G
ClientSampleId :
MW-1R

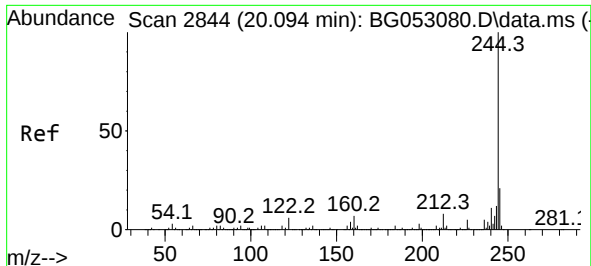
Tgt Ion:240 Resp: 220118
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 26.6 19.8 29.6



#77
Benzidine
Concen: 3.072 ng
RT: 20.075 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG053351.D
Acq: 27 Apr 2022 17:27

Tgt Ion:184 Resp: 19291
Ion Ratio Lower Upper
184 100
185 18.0 11.5 17.3#
183 5.5 9.4 14.2#

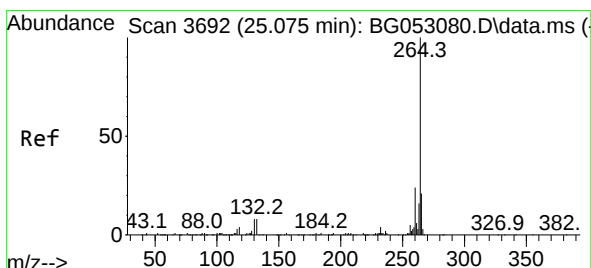
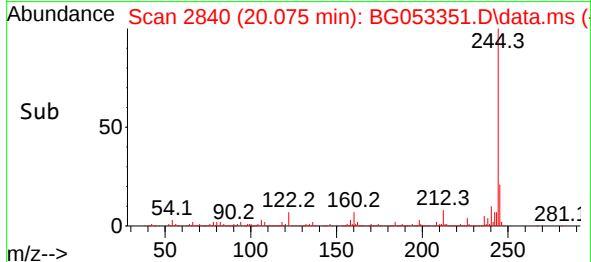
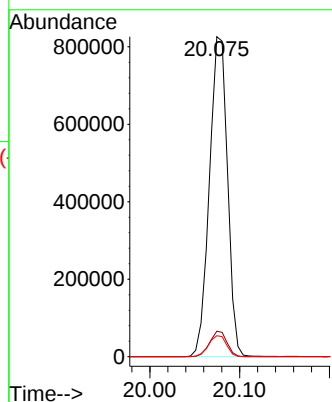
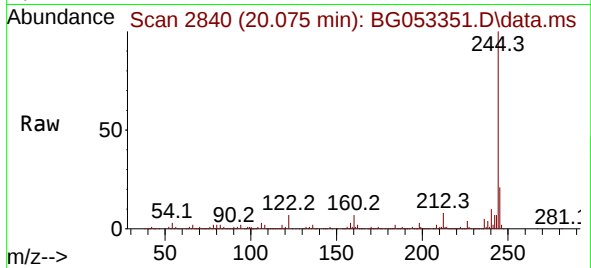




#79
 Terphenyl-d14
 Concen: 88.648 ng
 RT: 20.075 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053351.D
 Acq: 27 Apr 2022 17:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Tgt Ion:244 Resp: 1155367
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053351.D
 Acq: 27 Apr 2022 17:27

Tgt Ion:264 Resp: 217197
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 22.5 15.1 22.7

