

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053352.D
 Acq On : 27 Apr 2022 18:06
 Operator : CG/JU
 Sample : N2482-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23R

Quant Time: Apr 28 06:41:21 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)

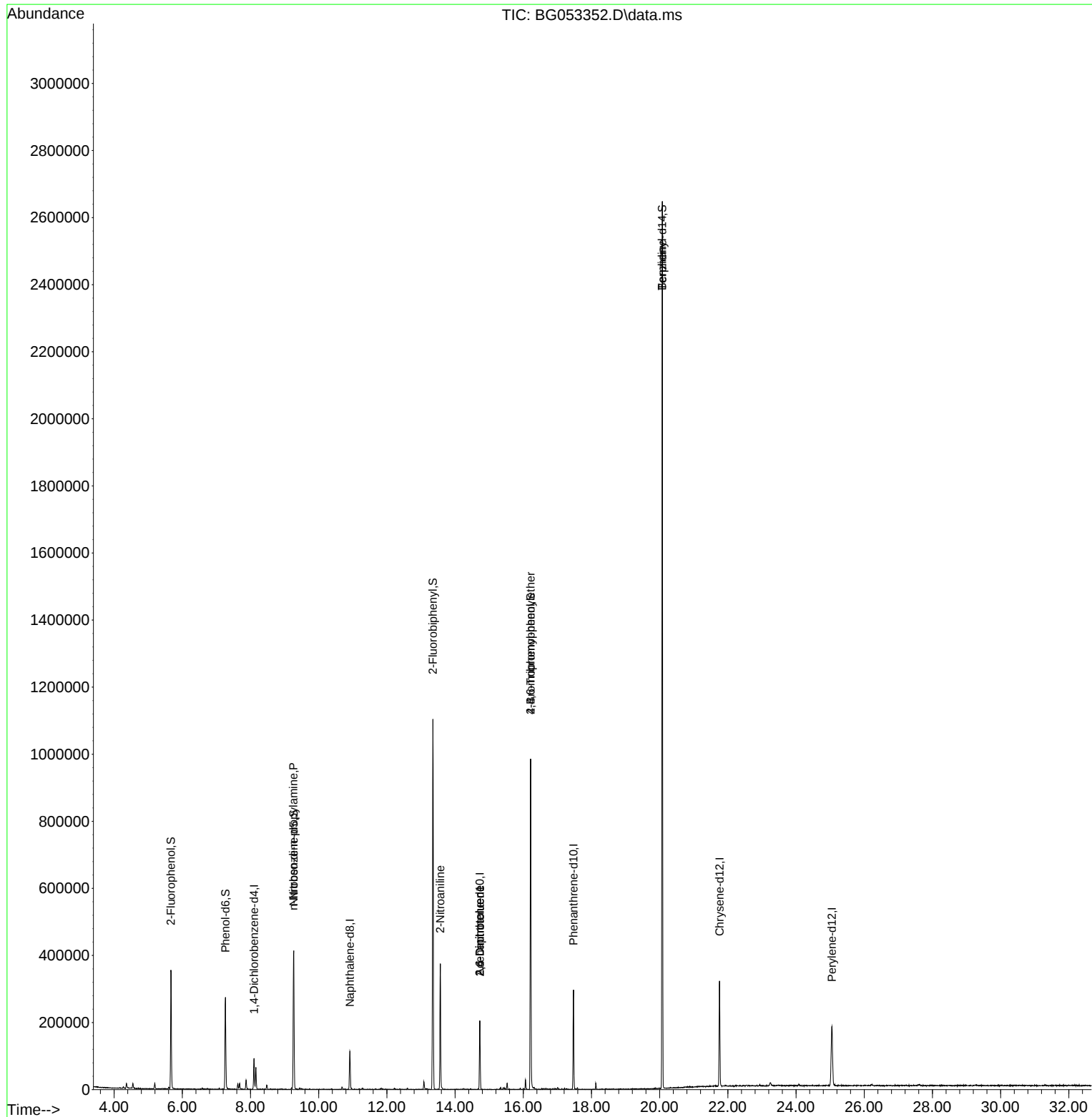
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	25014	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	95411	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	71906	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	184157	20.000	ng	0.00
76) Chrysene-d12	21.757	240	210948	20.000	ng	0.00
86) Perylene-d12	25.052	264	206250	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	148693	101.898	ng	0.00
7) Phenol-d6	7.264	99	154463	68.641	ng	0.00
23) Nitrobenzene-d5	9.268	82	271114	115.376	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	204700	178.934	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	586444	112.459	ng	0.00
79) Terphenyl-d14	20.076	244	1320647	105.734	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.262	70	36926	22.414	ng	# 81
48) 2-Nitroaniline	13.562	65	11957	7.627	ng	# 16
51) 2,6-Dinitrotoluene	14.725	165	9595	7.997	ng	# 26
57) 2,4-Dinitrotoluene	14.725	165	9595	5.617	ng	# 25
67) 4-Bromophenyl-phenylether	16.217	248	13678	5.797	ng	# 1
77) Benzidine	20.076	184	22887	3.803	ng	# 91

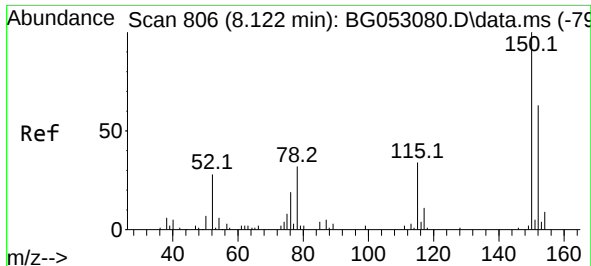
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053352.D
Acq On : 27 Apr 2022 18:06
Operator : CG/JU
Sample : N2482-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-23R

Quant Time: Apr 28 06:41:21 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

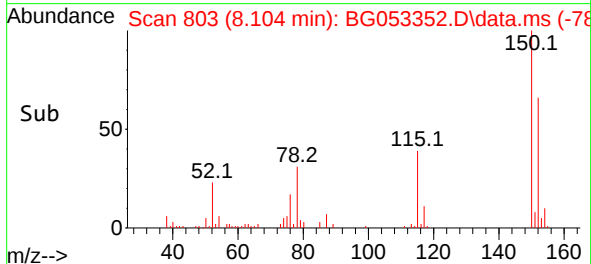
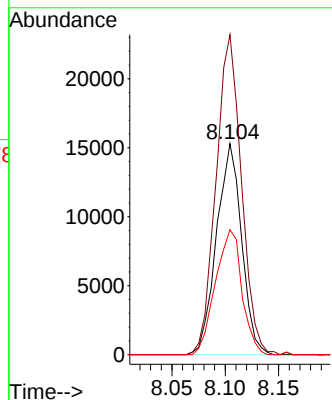
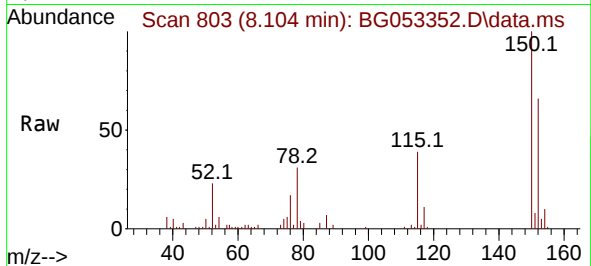




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

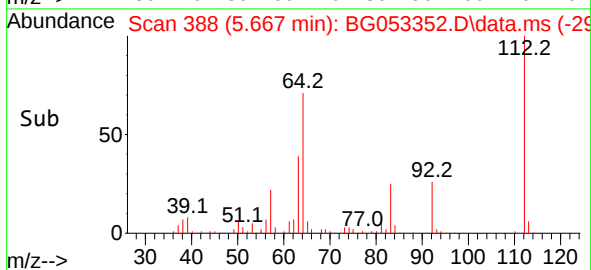
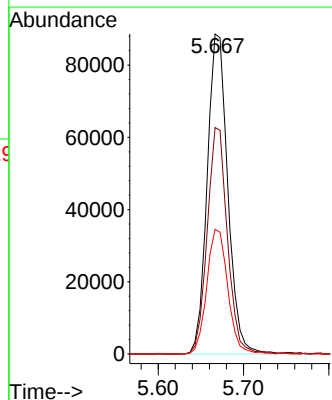
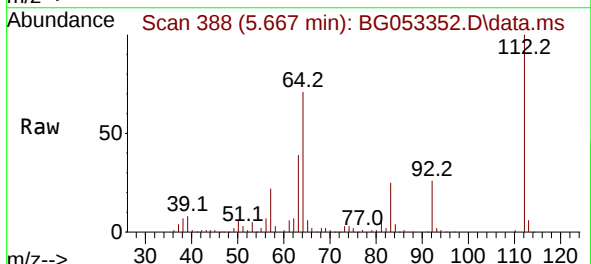
Instrument :
BNA_G
ClientSampleId :
MW-23R

Tgt Ion:152 Resp: 25014
Ion Ratio Lower Upper
152 100
150 151.6 114.6 172.0
115 59.2 45.9 68.9



#5
2-Fluorophenol
Concen: 101.898 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion:112 Resp: 148693
Ion Ratio Lower Upper
112 100
64 70.7 48.0 72.0
63 39.0 26.5 39.7

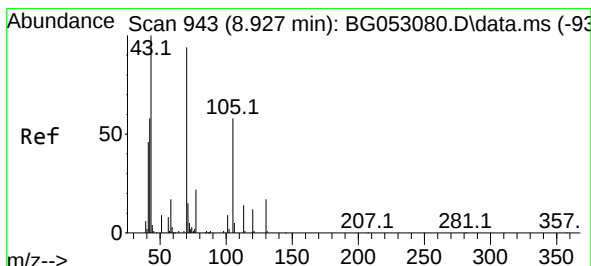
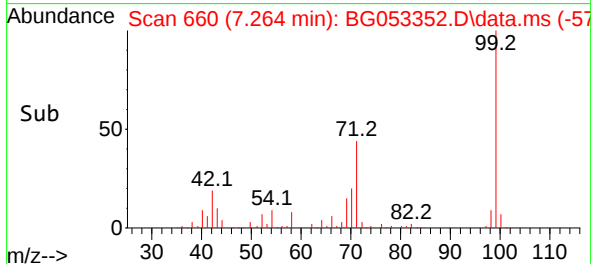
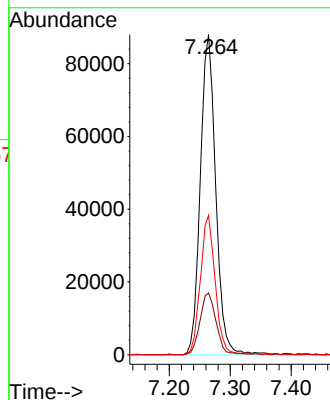
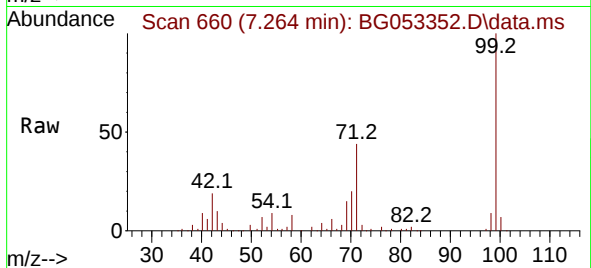




#7
Phenol-d6
Concen: 68.641 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

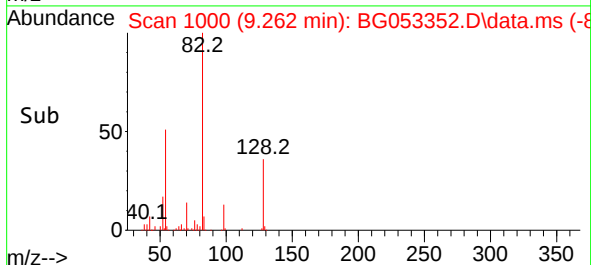
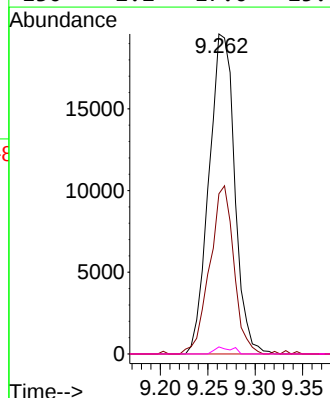
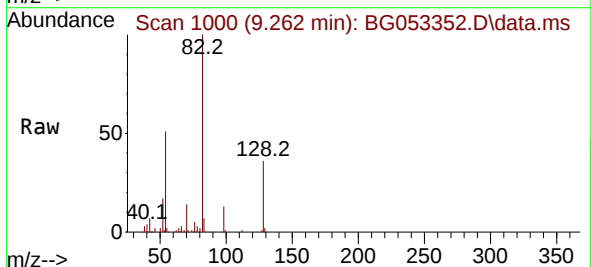
Instrument :
BNA_G
ClientSampleId :
MW-23R

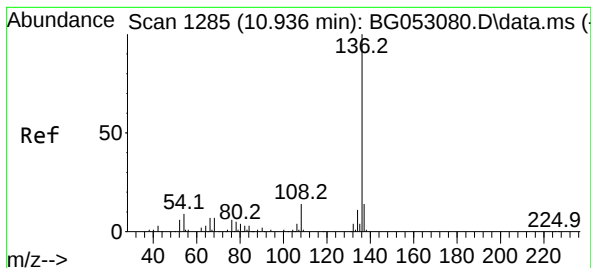
Tgt Ion: 99 Resp: 154463
Ion Ratio Lower Upper
99 100
42 19.3 14.7 22.1
71 43.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.414 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.349 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion: 70 Resp: 36926
Ion Ratio Lower Upper
70 100
42 50.0 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

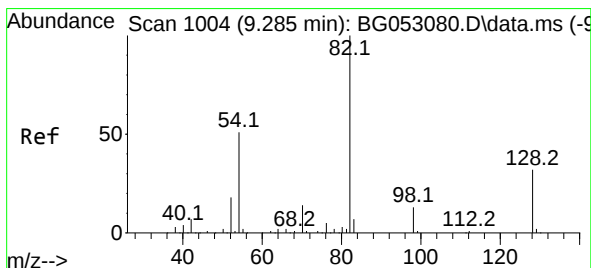
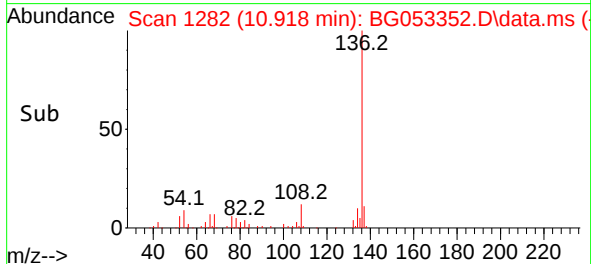
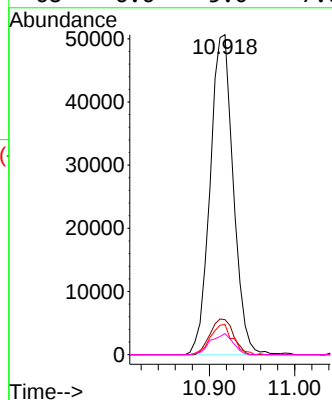
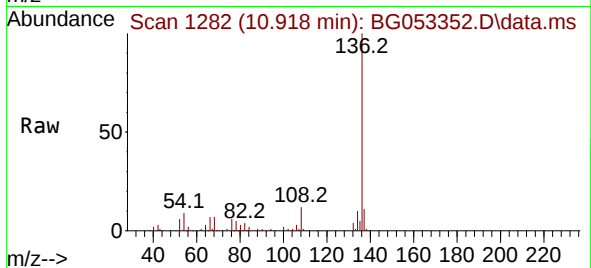




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

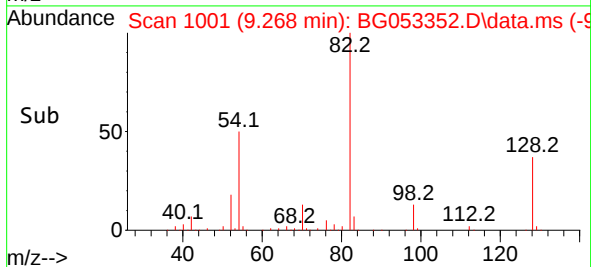
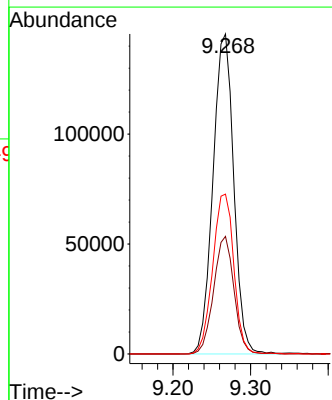
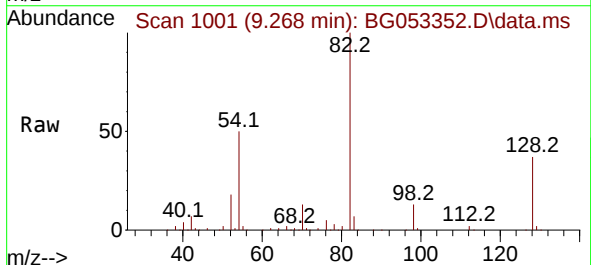
Instrument :
BNA_G
ClientSampleId :
MW-23R

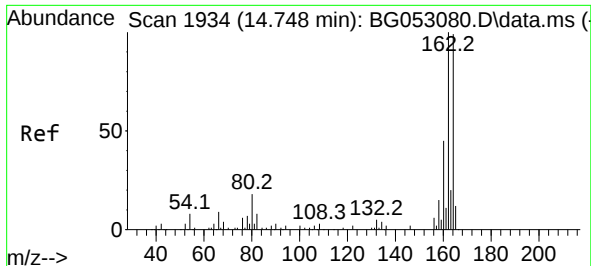
Tgt Ion:136	Resp:	95411
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.4 14.2
54	9.4	6.4 9.6
68	6.6	5.0 7.6



#23
Nitrobenzene-d5
Concen: 115.376 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion: 82	Resp:	271114
Ion Ratio	Lower	Upper
82	100	
128	36.8	31.3 46.9
54	50.0	37.8 56.8

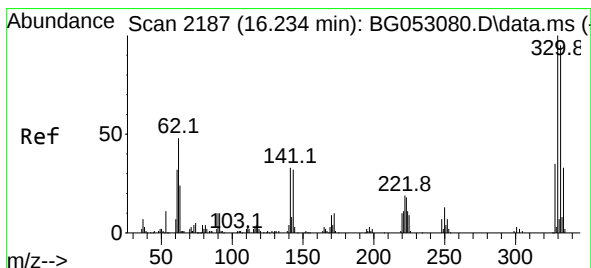
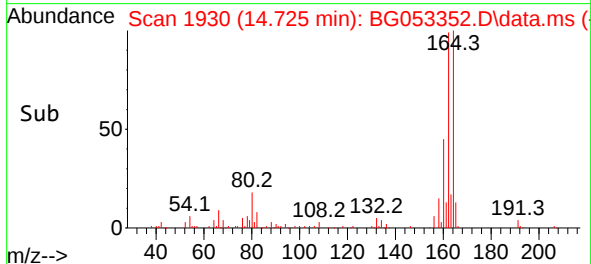
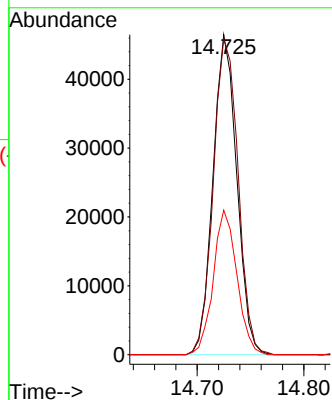
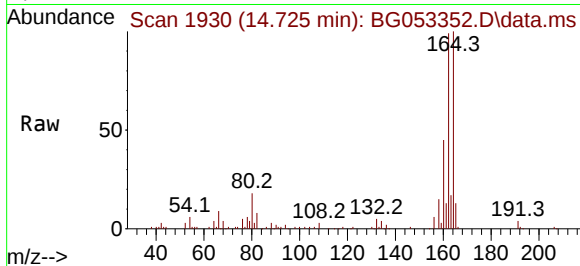




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

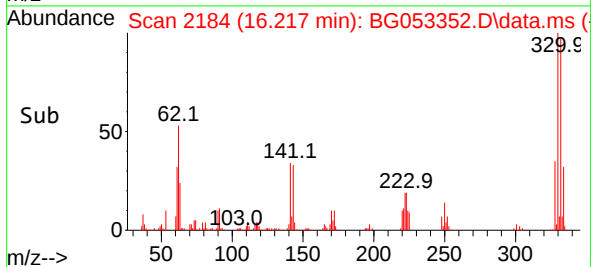
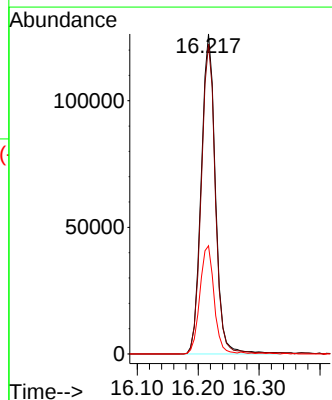
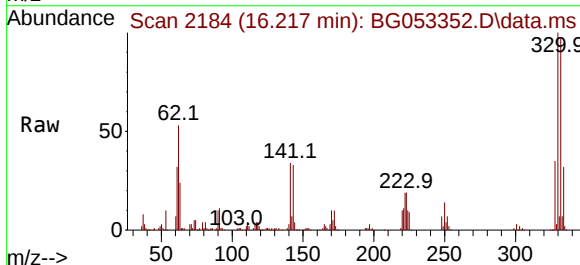
Instrument :
BNA_G
ClientSampleId :
MW-23R

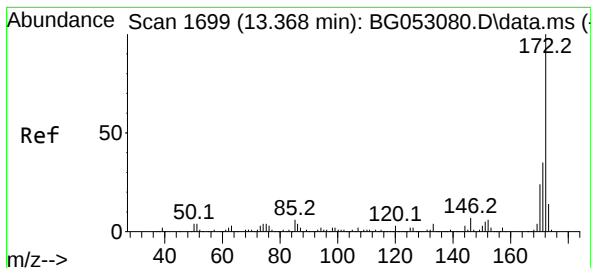
Tgt Ion:164 Resp: 71906
Ion Ratio Lower Upper
164 100
162 98.7 80.0 120.0
160 45.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 178.934 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion:330 Resp: 204700
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 33.9 24.6 36.8

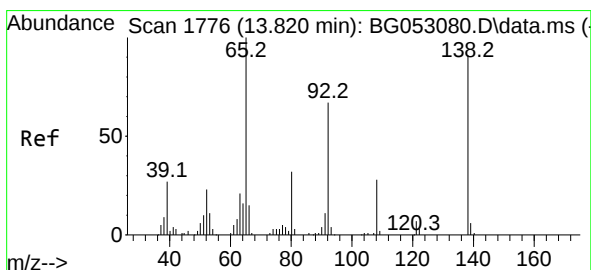
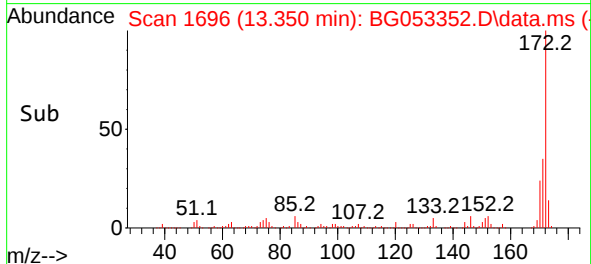
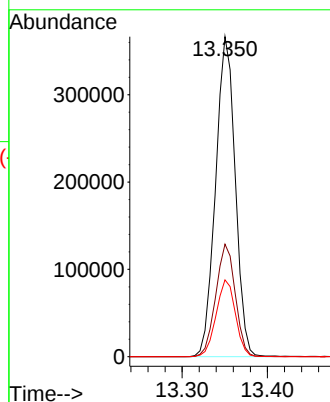
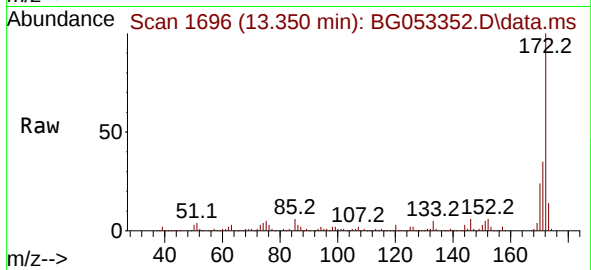




#45
2-Fluorobiphenyl
Concen: 112.459 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

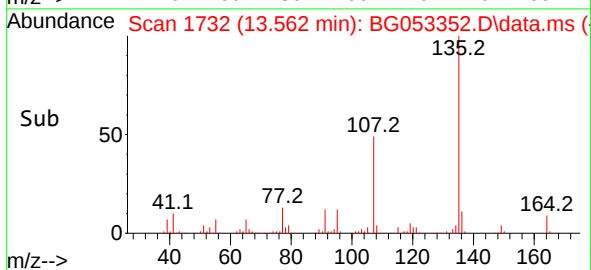
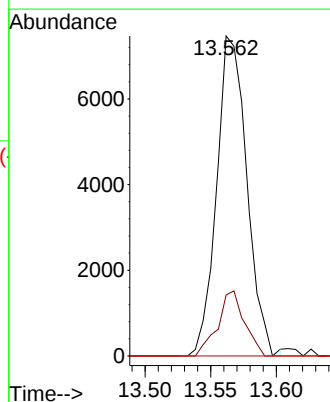
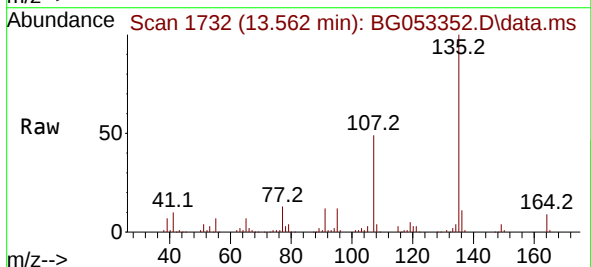
Instrument :
BNA_G
ClientSampleId :
MW-23R

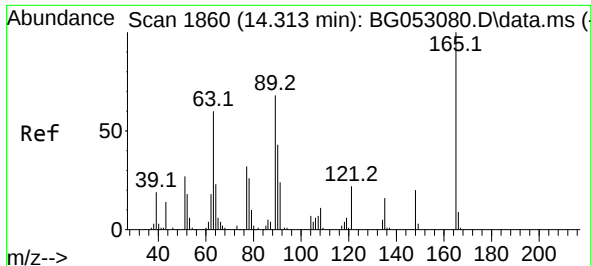
Tgt Ion:172 Resp: 586444
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.0 18.0 27.0



#48
2-Nitroaniline
Concen: 7.627 ng
RT: 13.562 min Scan# 1732
Delta R.T. -0.250 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion: 65 Resp: 11957
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: 7.997 ng

RT: 14.725 min Scan# 1930

Delta R.T. 0.420 min

Lab File: BG053352.D

Acq: 27 Apr 2022 18:06

Instrument :

BNA_G

ClientSampleId :

MW-23R

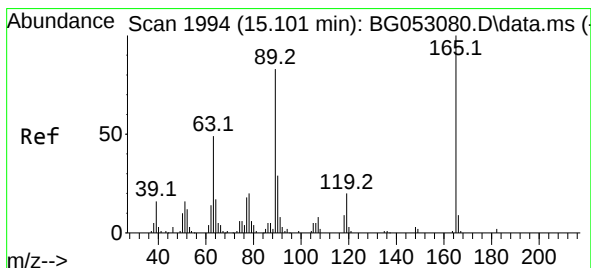
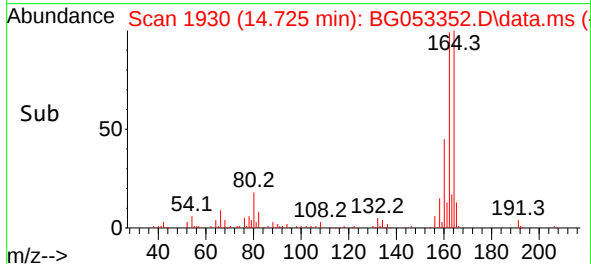
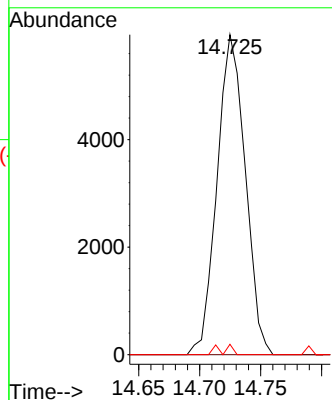
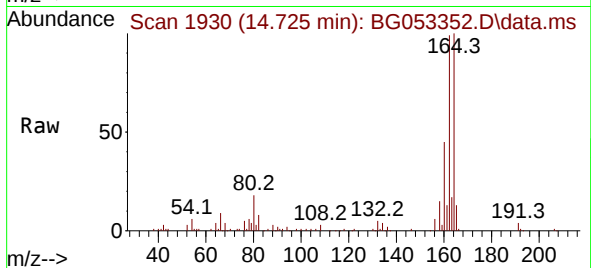
Tgt Ion:165 Resp: 9595

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.3 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.617 ng

RT: 14.725 min Scan# 1930

Delta R.T. -0.367 min

Lab File: BG053352.D

Acq: 27 Apr 2022 18:06

Tgt Ion:165 Resp: 9595

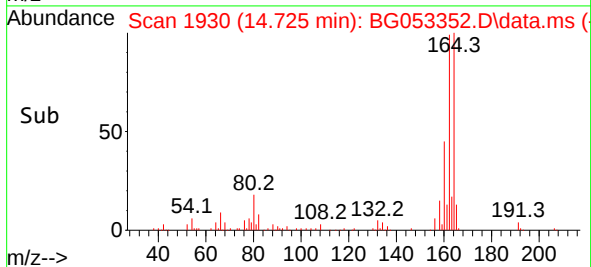
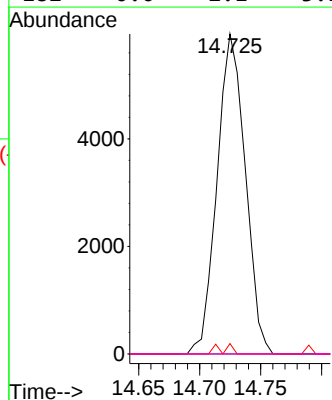
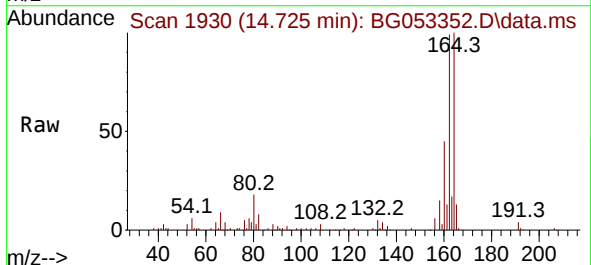
Ion Ratio Lower Upper

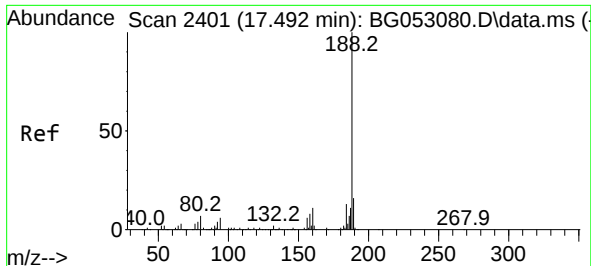
165 100

63 0.0 34.8 52.2#

89 3.3 57.4 86.0#

182 0.0 2.1 3.1#

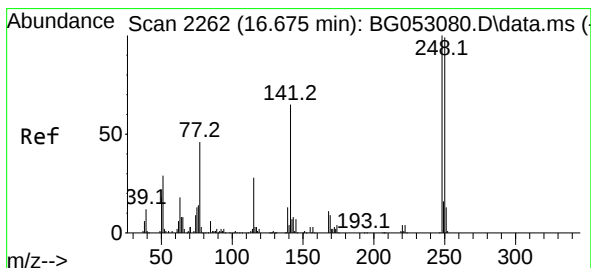
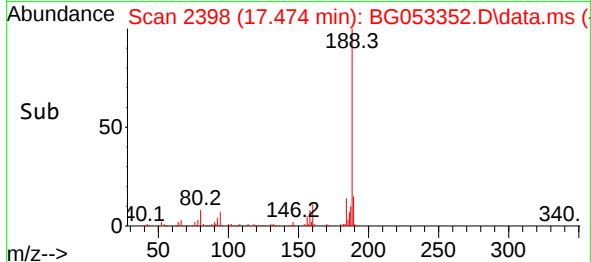
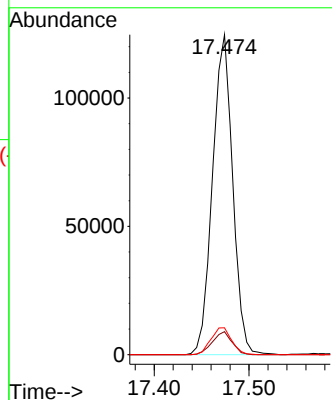
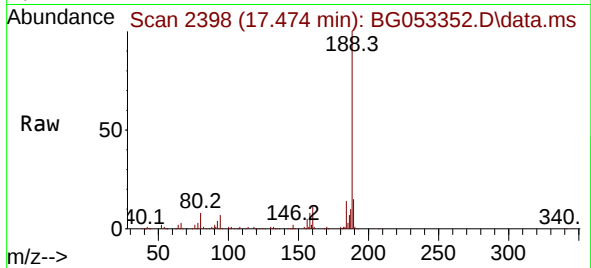




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

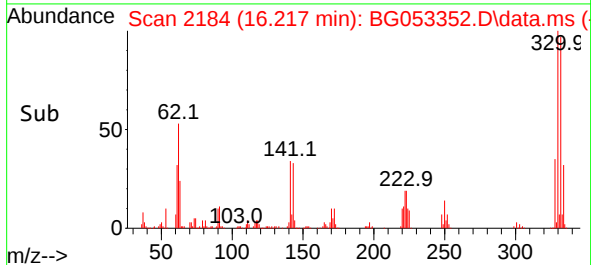
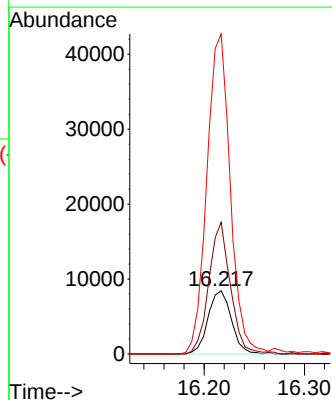
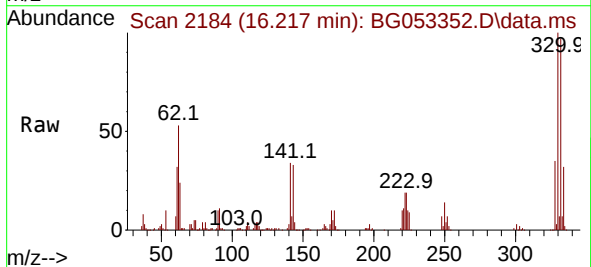
Instrument :
BNA_G
ClientSampleId :
MW-23R

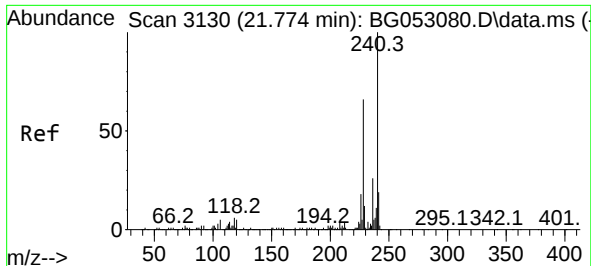
Tgt Ion:188 Resp: 184157
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.797 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.444 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion:248 Resp: 13678
Ion Ratio Lower Upper
248 100
250 208.1 77.9 116.9#
141 506.0 49.2 73.8#

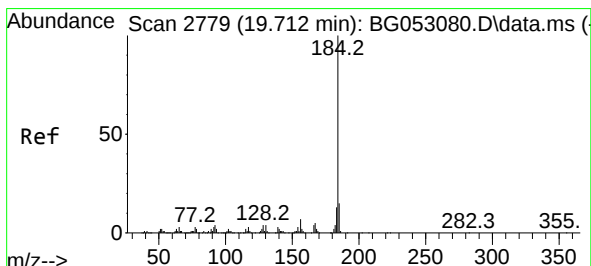
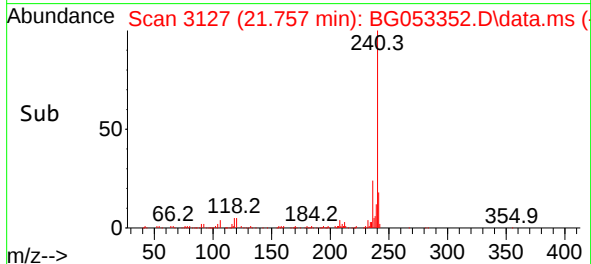
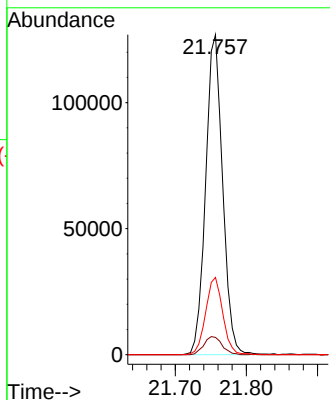
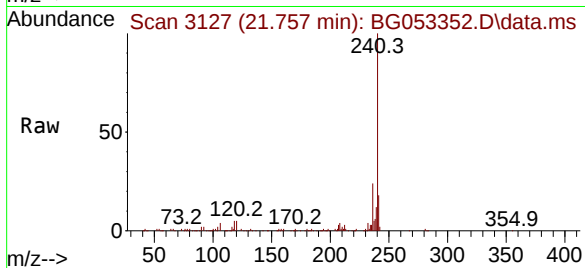




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

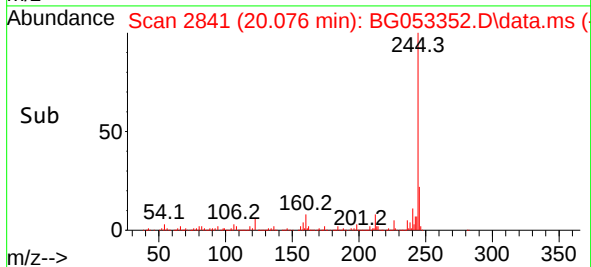
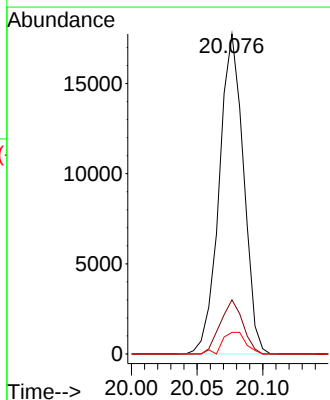
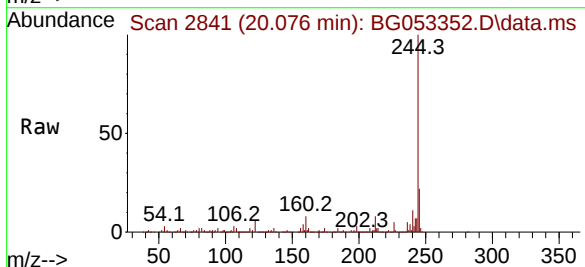
Instrument :
BNA_G
ClientSampleId :
MW-23R

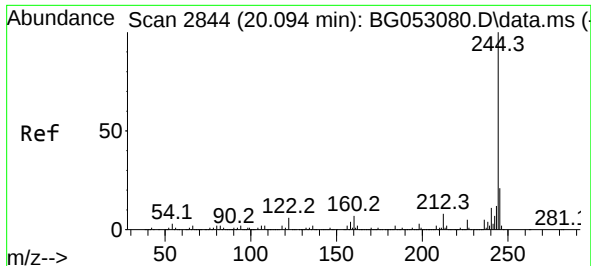
Tgt Ion:240 Resp: 210948
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.1 19.8 29.6



#77
Benzidine
Concen: 3.803 ng
RT: 20.076 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053352.D
Acq: 27 Apr 2022 18:06

Tgt Ion:184 Resp: 22887
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 6.8 9.4 14.2#

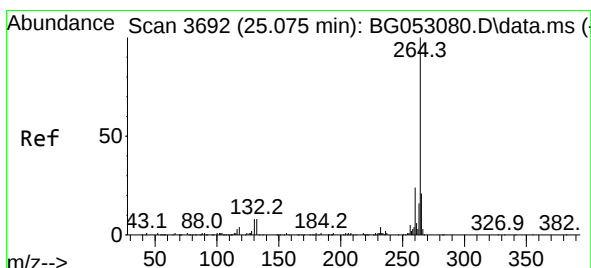
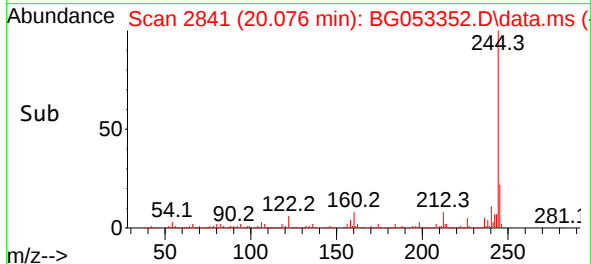
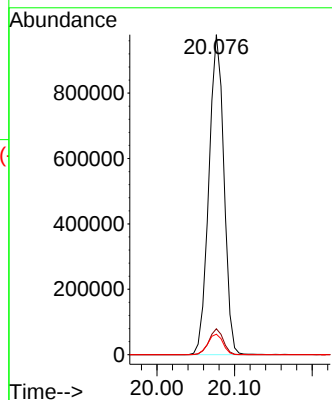
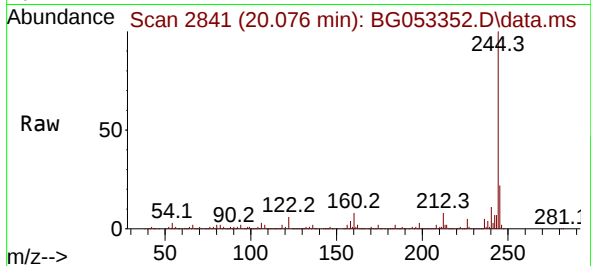




#79
 Terphenyl-d14
 Concen: 105.734 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053352.D
 Acq: 27 Apr 2022 18:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-23R

Tgt Ion:244 Resp: 1320647
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053352.D
 Acq: 27 Apr 2022 18:06

Tgt Ion:264 Resp: 206250
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.2 27.2
 265 23.4 15.1 22.7#

