

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053222.D
 Acq On : 20 Apr 2022 19:14
 Operator : CG/JU
 Sample : N2467-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KR-1

Quant Time: Apr 21 06:04:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

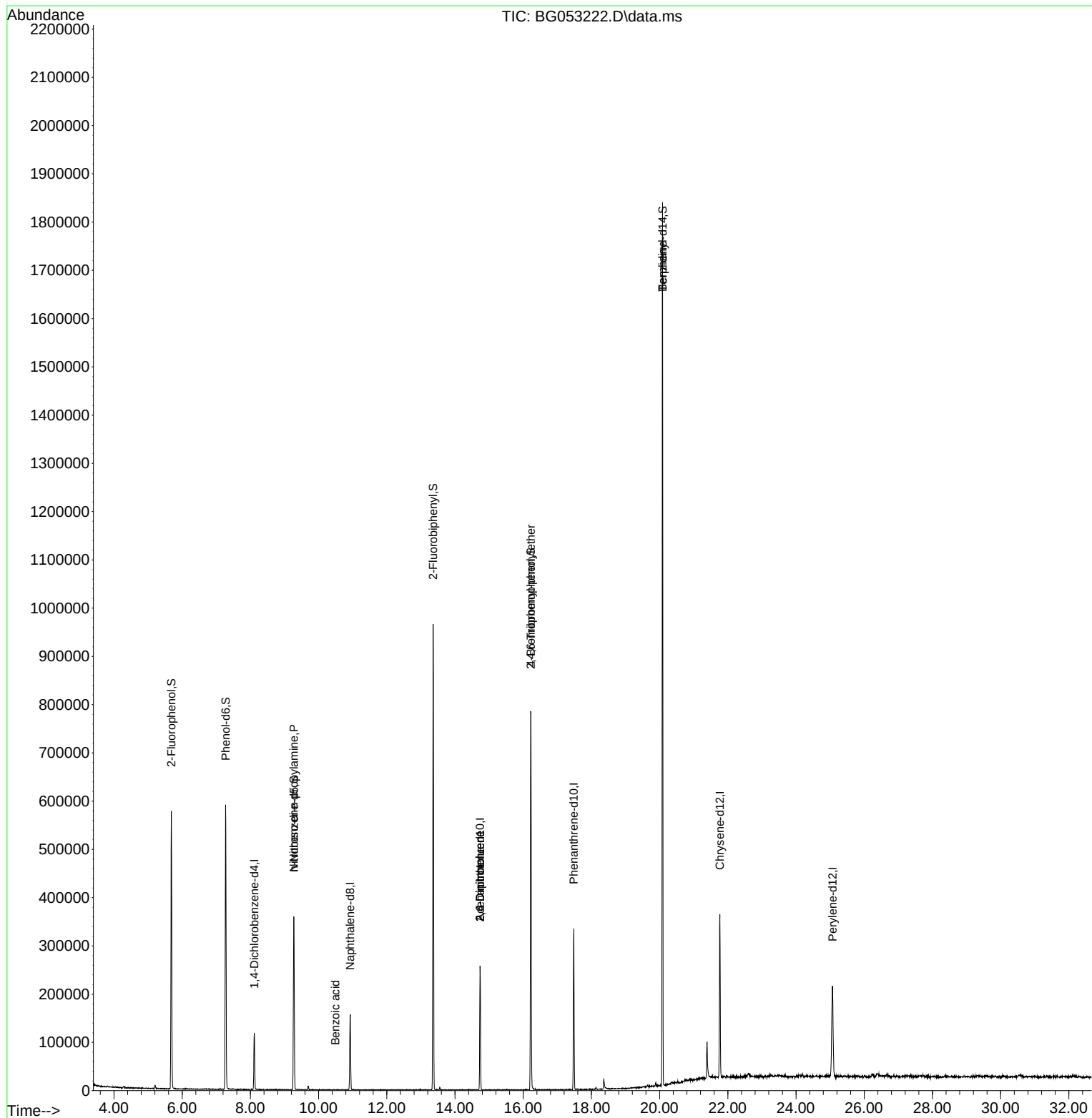
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	33789	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	127562	20.000	ng	# 0.00
39) Acenaphthene-d10	14.735	164	91464	20.000	ng	-0.01
64) Phenanthrene-d10	17.484	188	217945	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	213480	20.000	ng	0.00
86) Perylene-d12	25.068	264	212900	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	231843	117.619	ng	0.00
7) Phenol-d6	7.274	99	332286	109.315	ng	0.00
23) Nitrobenzene-d5	9.277	82	236217	75.189	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	167217	114.913	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	511346	77.090	ng	0.00
79) Terphenyl-d14	20.086	244	953320	75.420	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.277	70	32848	14.761	ng	# 79
32) Benzoic acid	10.493	122	56	3.673	ng	# 1
51) 2,6-Dinitrotoluene	14.735	165	12286	8.050	ng	# 25
57) 2,4-Dinitrotoluene	14.735	165	12286	5.654	ng	# 24
67) 4-Bromophenyl-phenylether	16.221	248	10811	3.871	ng	# 1
77) Benzidine	20.086	184	16409	2.694	ng	# 93

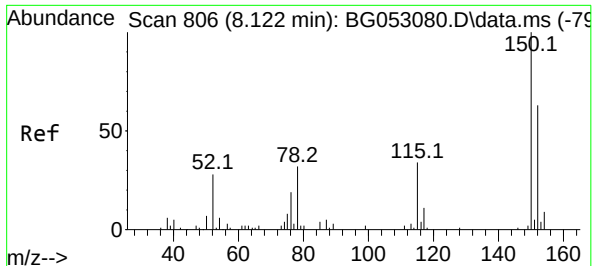
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053222.D
Acq On : 20 Apr 2022 19:14
Operator : CG/JU
Sample : N2467-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KR-1

Quant Time: Apr 21 06:04:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

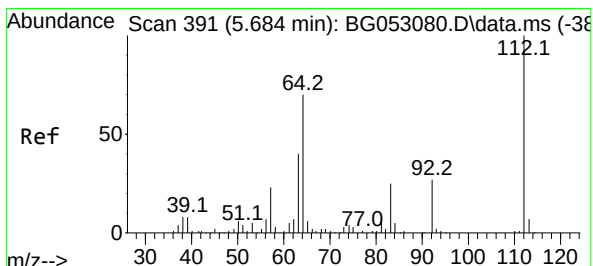
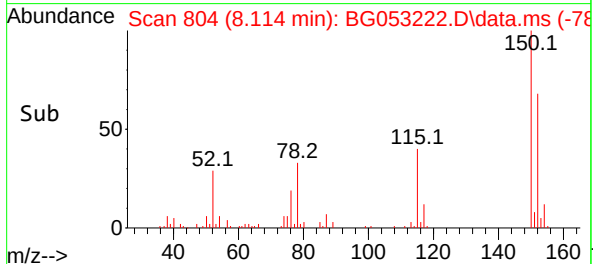
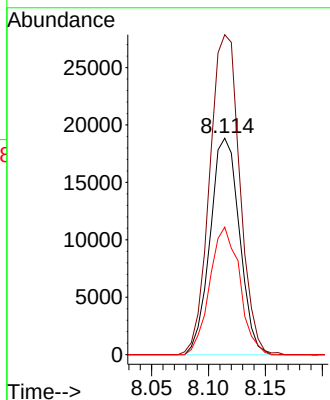
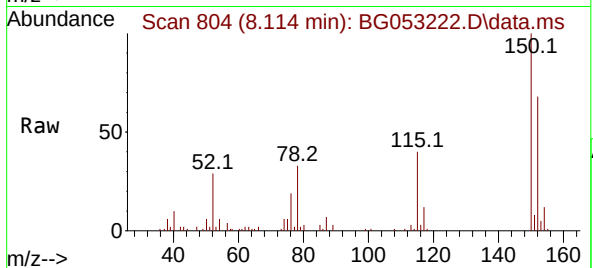




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

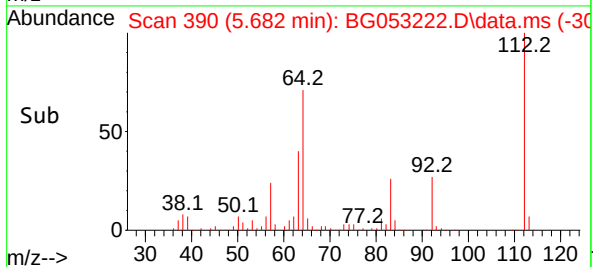
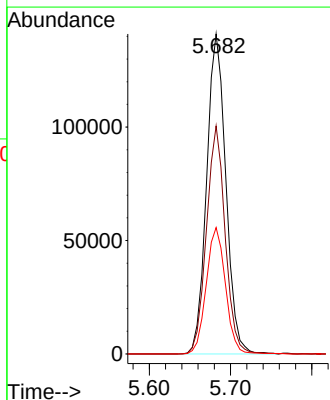
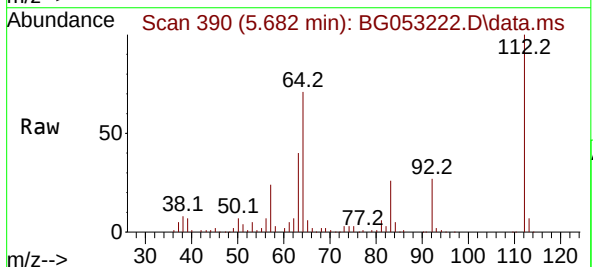
Instrument :
BNA_G
ClientSampleId :
KR-1

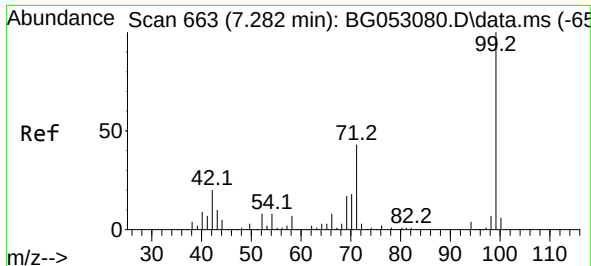
Tgt Ion:152 Resp: 33789
Ion Ratio Lower Upper
152 100
150 147.8 114.6 172.0
115 58.9 45.9 68.9



#5
2-Fluorophenol
Concen: 117.619 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion:112 Resp: 231843
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 39.5 26.5 39.7

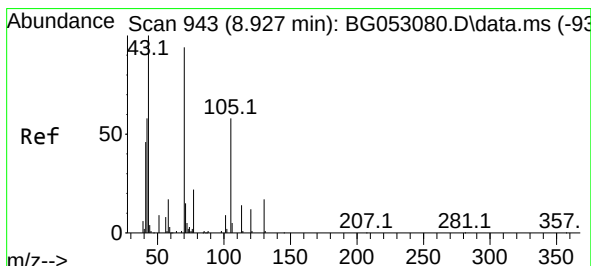
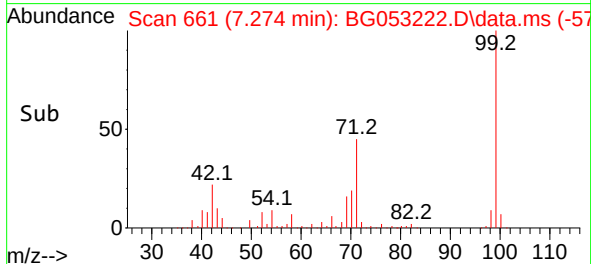
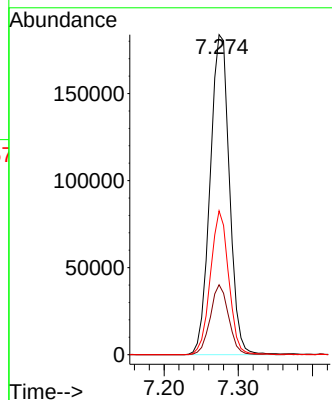
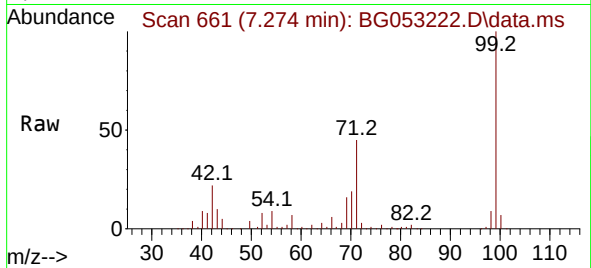




#7
Phenol-d6
Concen: 109.315 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

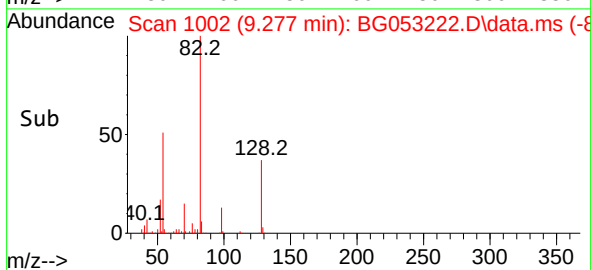
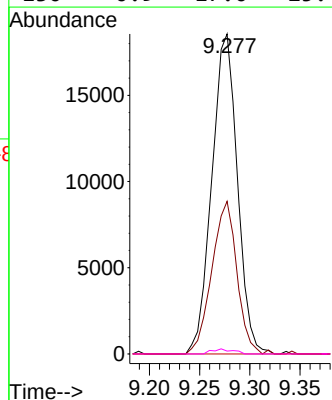
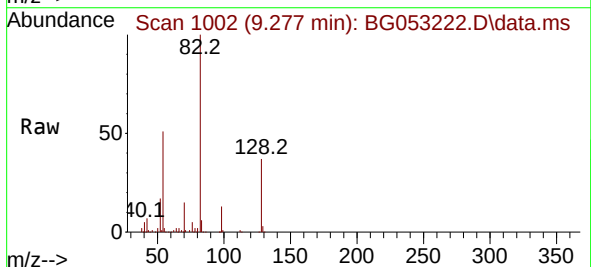
Instrument :
BNA_G
ClientSampleId :
KR-1

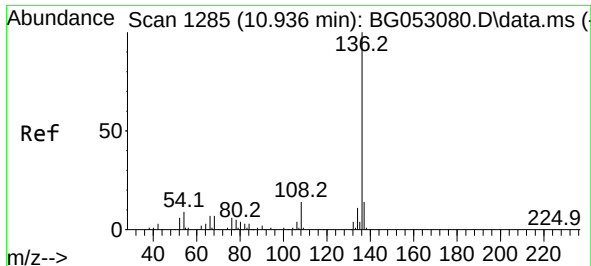
Tgt Ion: 99 Resp: 332286
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 45.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.761 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.351 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion: 70 Resp: 32848
Ion Ratio Lower Upper
70 100
42 47.7 46.0 69.0
101 0.0 6.2 9.4#
130 0.9 17.0 25.4#



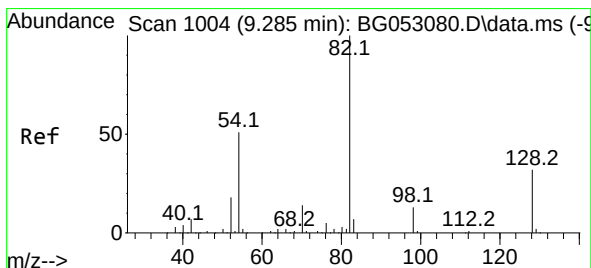
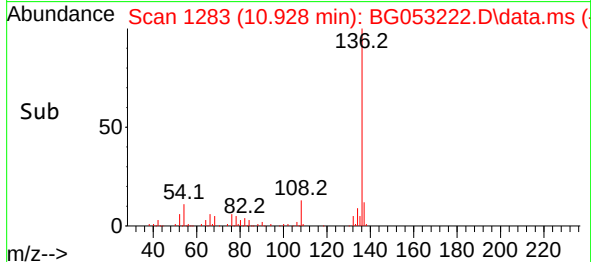
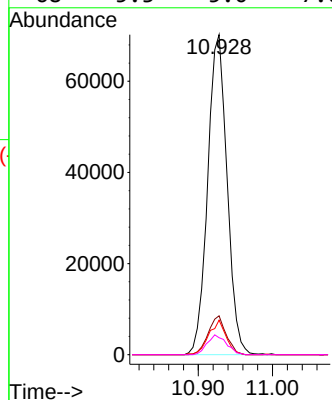
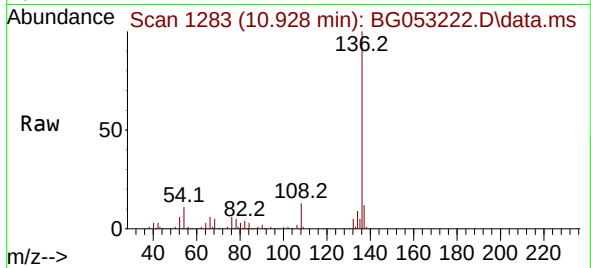


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Instrument :
BNA_G
ClientSampleId :
KR-1

Tgt Ion:136 Resp: 127562

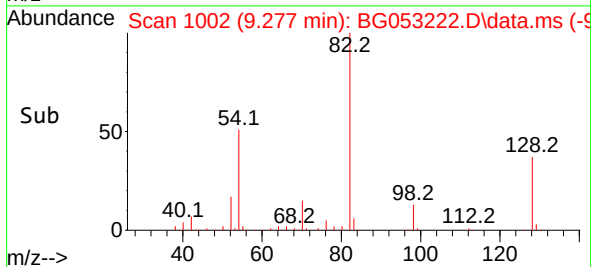
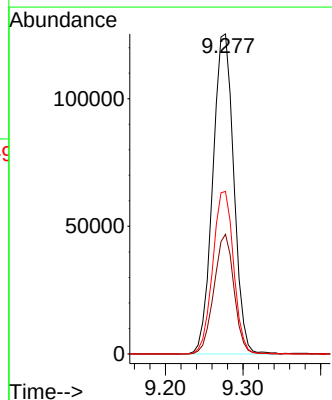
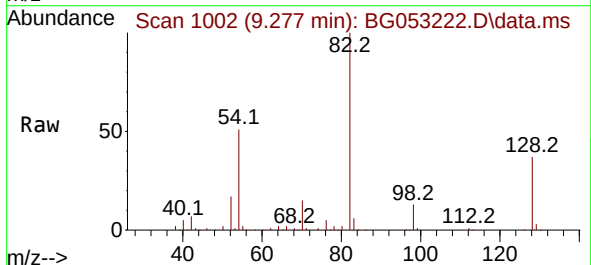
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	10.8	6.4	9.6#
68	5.3	5.0	7.6

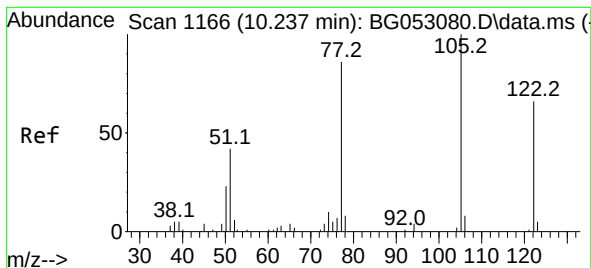


#23
Nitrobenzene-d5
Concen: 75.189 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion: 82 Resp: 236217

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.3	46.9
54	50.8	37.8	56.8





#32

Benzoic acid

Concen: 3.673 ng

RT: 10.493 min Scan# 1166

Delta R.T. 0.256 min

Lab File: BG053222.D

Acq: 20 Apr 2022 19:14

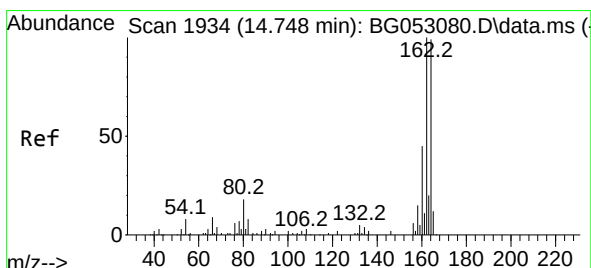
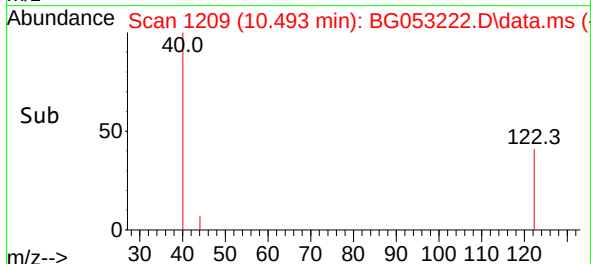
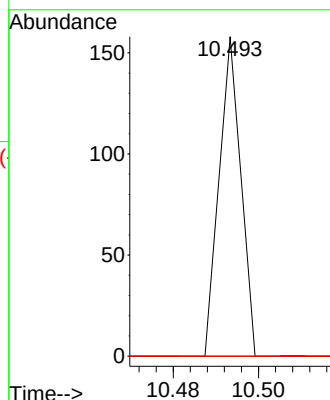
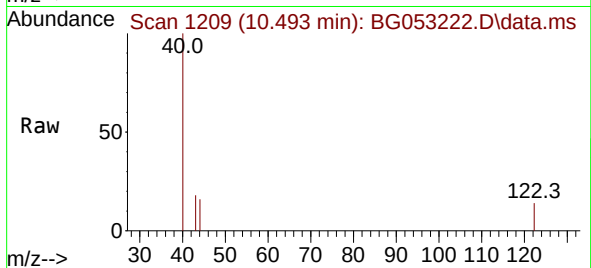
Instrument :

BNA_G

ClientSampleId :

KR-1

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#



#39

Acenaphthene-d10

Concen: 20.000 ng

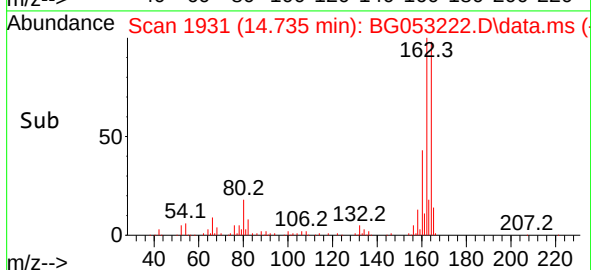
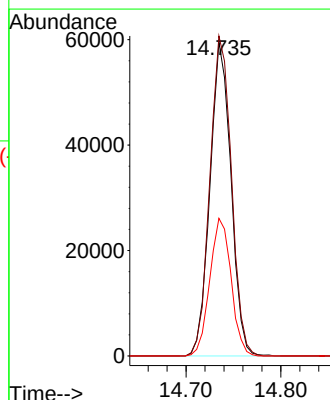
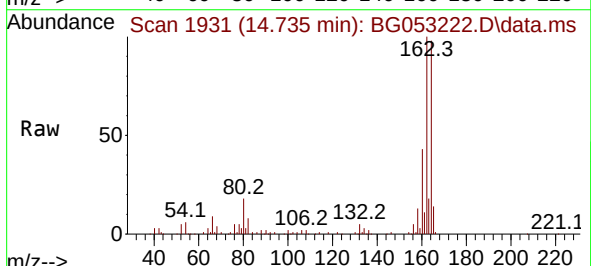
RT: 14.735 min Scan# 1931

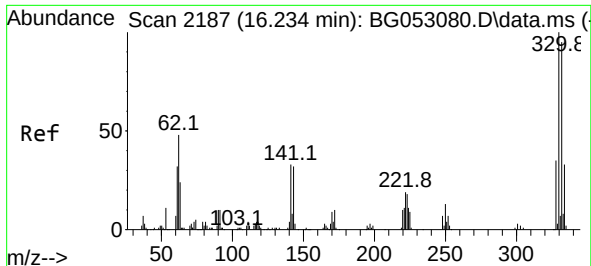
Delta R.T. -0.014 min

Lab File: BG053222.D

Acq: 20 Apr 2022 19:14

Tgt Ion:164	Resp:	91464
Ion	Ratio	Lower Upper
164	100	
162	102.0	80.0 120.0
160	43.9	38.8 58.2

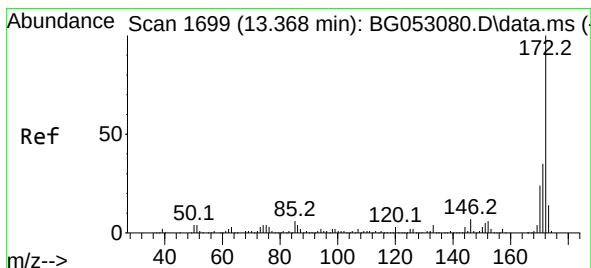
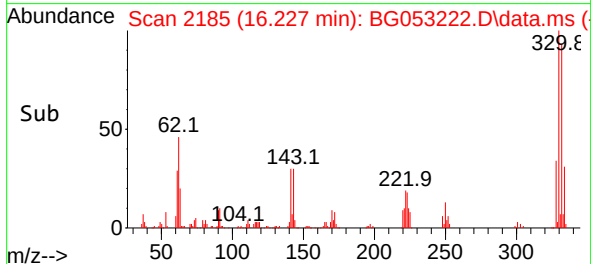
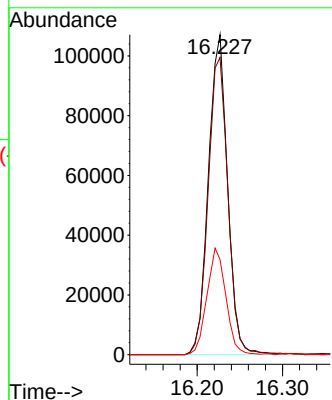
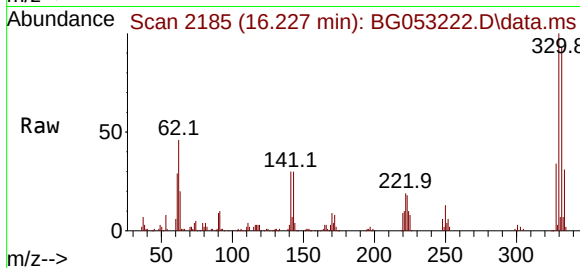




#42
2,4,6-Tribromophenol
Concen: 114.913 ng
RT: 16.227 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

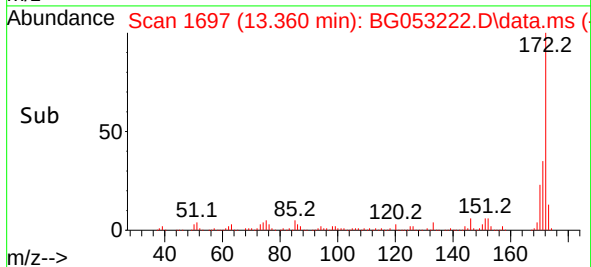
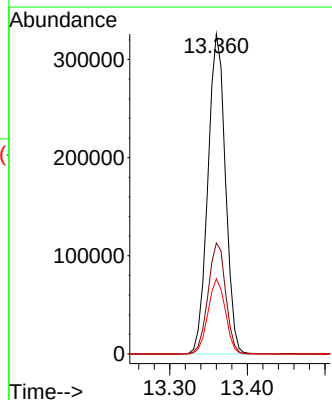
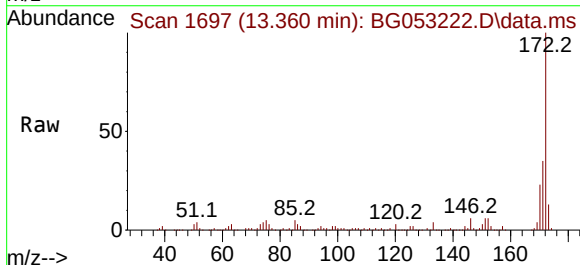
Instrument :
BNA_G
ClientSampleId :
KR-1

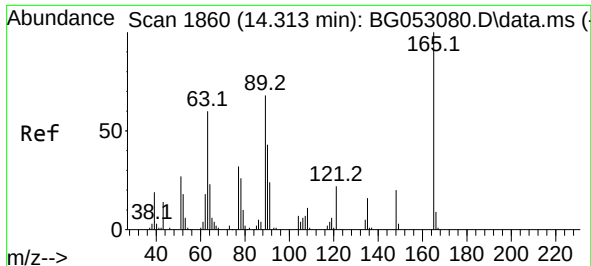
Tgt Ion:330 Resp: 167217
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 33.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 77.090 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion:172 Resp: 511346
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 18.0 27.0

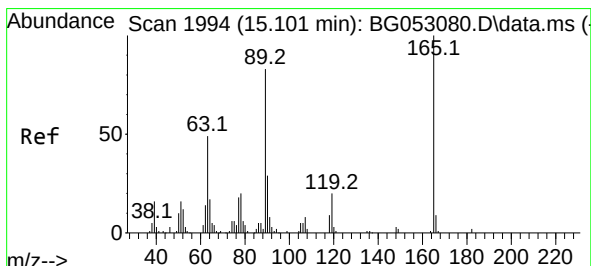
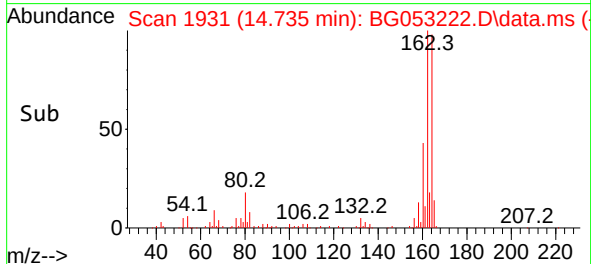
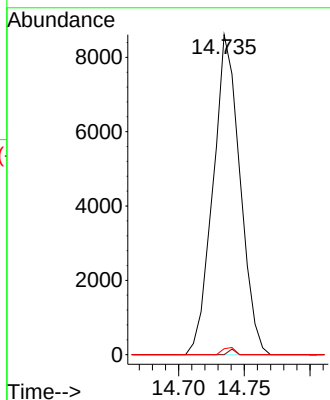
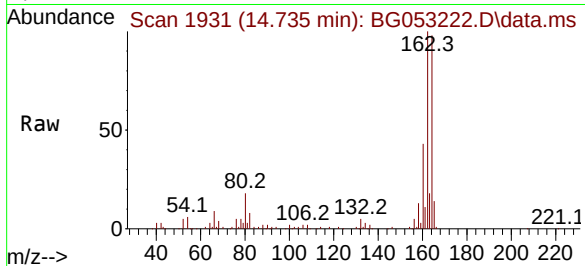




#51
2,6-Dinitrotoluene
Concen: 8.050 ng
RT: 14.735 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

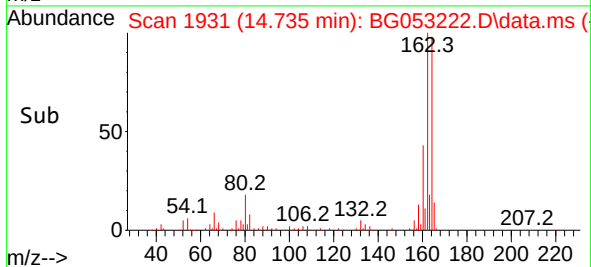
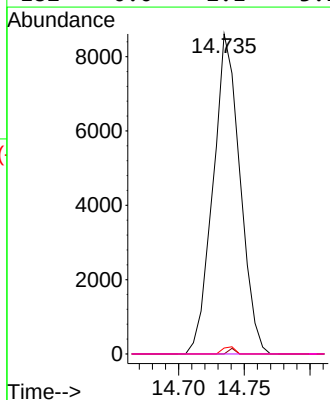
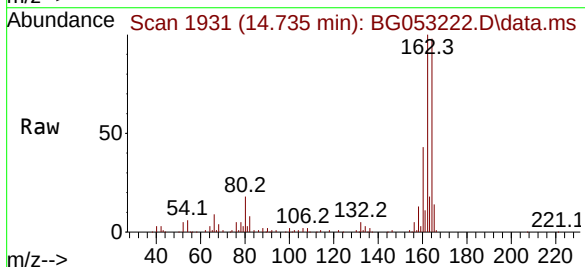
Instrument :
BNA_G
ClientSampleId :
KR-1

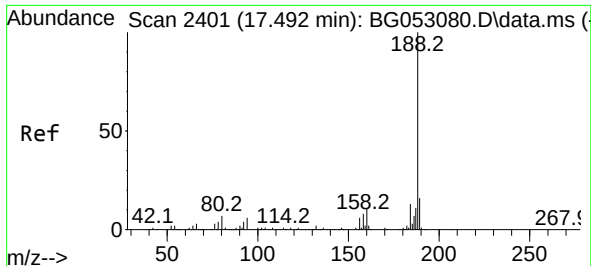
Tgt Ion:165 Resp: 12286
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 1.9 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.654 ng
RT: 14.735 min Scan# 1931
Delta R.T. -0.366 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion:165 Resp: 12286
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 1.9 57.4 86.0#
182 0.0 2.1 3.1#

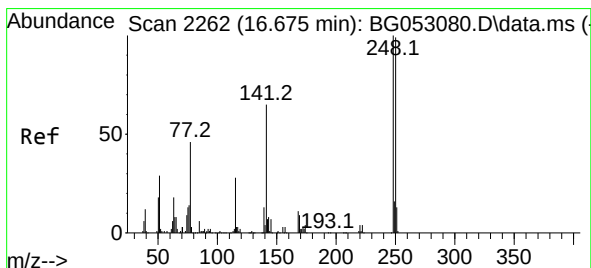
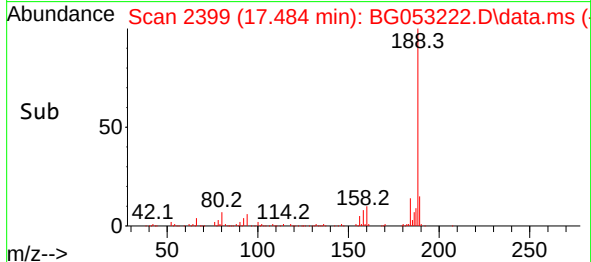
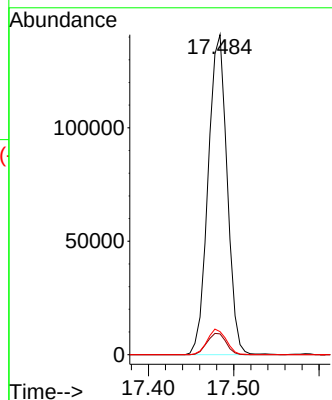
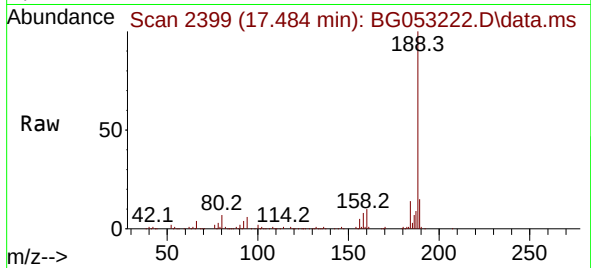




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.484 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

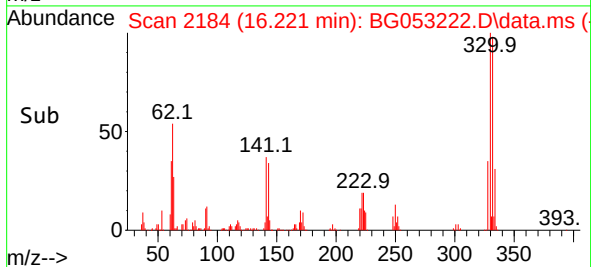
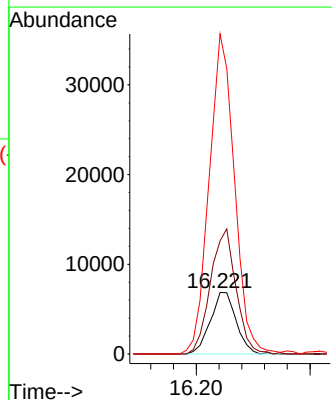
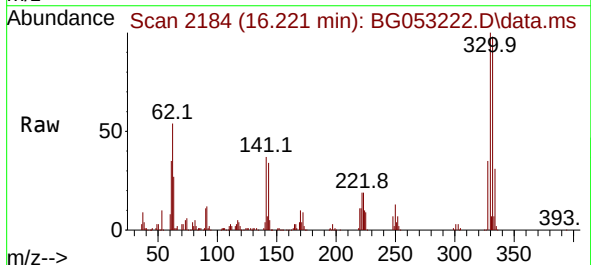
Instrument :
BNA_G
ClientSampleId :
KR-1

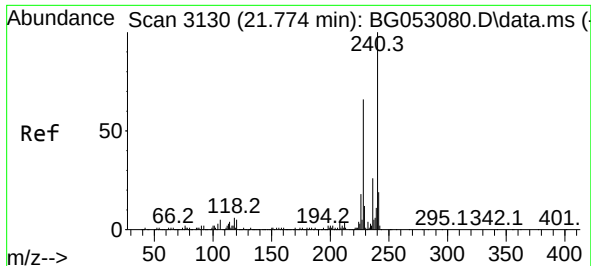
Tgt Ion:188 Resp: 217945
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.2 7.2 10.8#



#67
4-Bromophenyl-phenylether
Concen: 3.871 ng
RT: 16.221 min Scan# 2184
Delta R.T. -0.454 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion:248 Resp: 10811
Ion Ratio Lower Upper
248 100
250 183.6 77.9 116.9#
141 520.5 49.2 73.8#

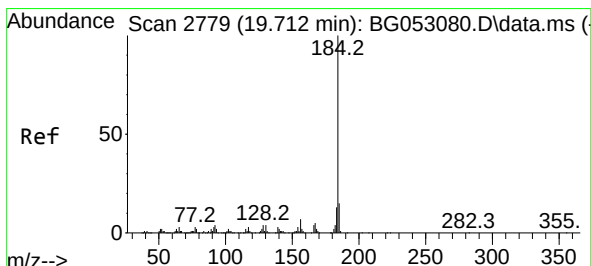
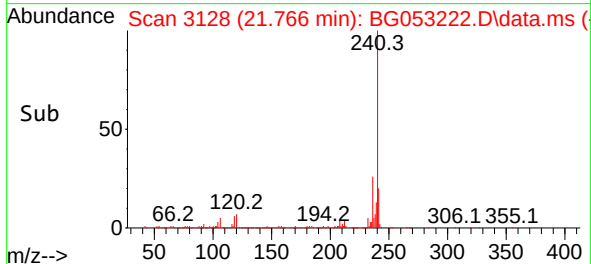
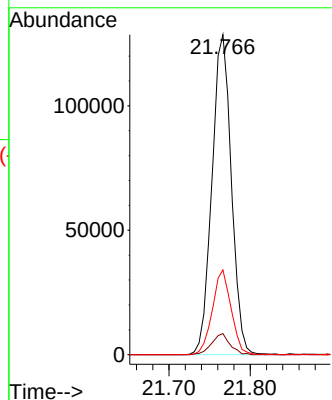
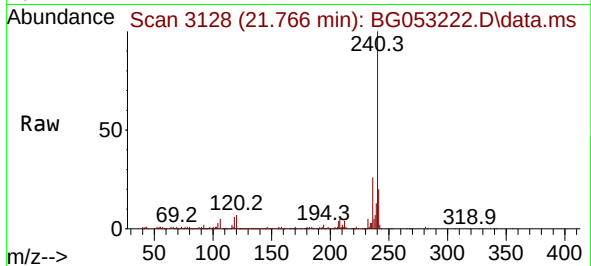




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

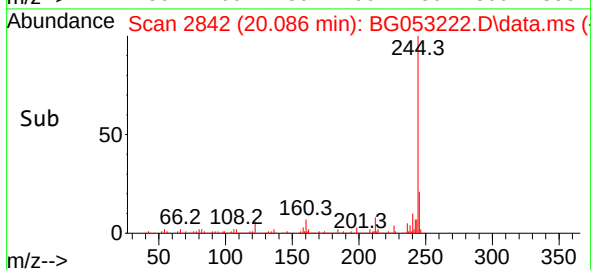
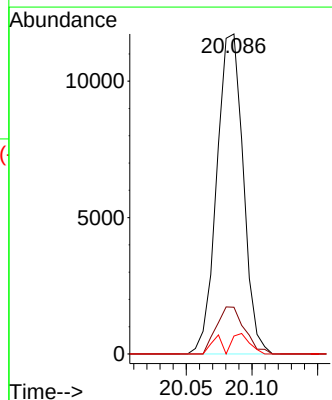
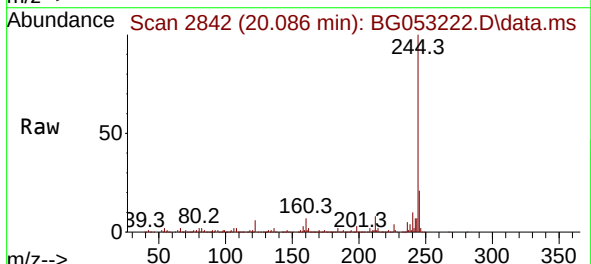
Instrument :
BNA_G
ClientSampleId :
KR-1

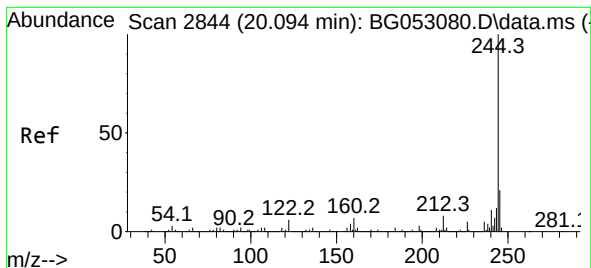
Tgt Ion:240 Resp: 213480
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.5 19.8 29.6



#77
Benzidine
Concen: 2.694 ng
RT: 20.086 min Scan# 2842
Delta R.T. 0.374 min
Lab File: BG053222.D
Acq: 20 Apr 2022 19:14

Tgt Ion:184 Resp: 16409
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 5.6 9.4 14.2#





#79

Terphenyl-d14

Concen: 75.420 ng

RT: 20.086 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053222.D

Acq: 20 Apr 2022 19:14

Instrument :

BNA_G

ClientSampleId :

KR-1

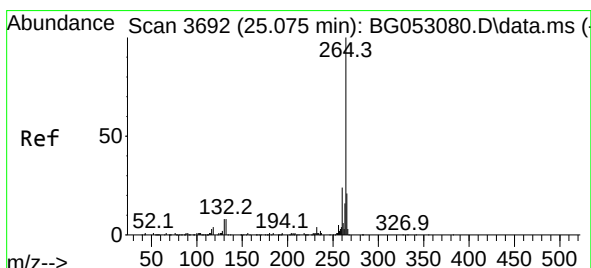
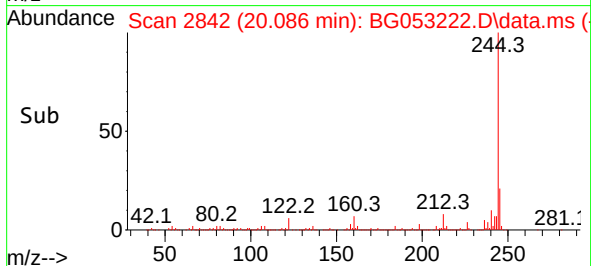
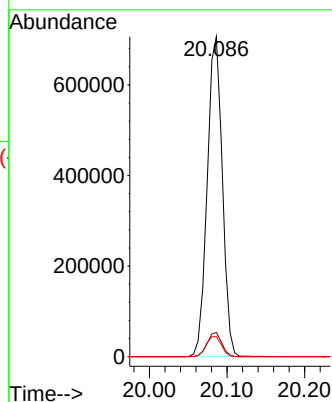
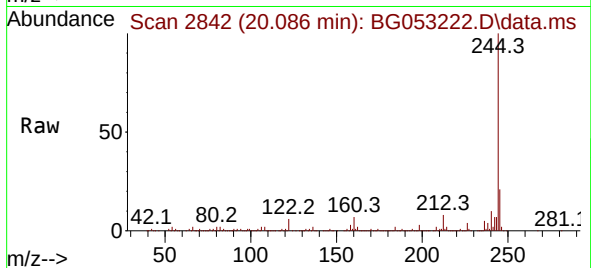
Tgt Ion:244 Resp: 953320

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: 25.068 min Scan# 3690

Delta R.T. -0.008 min

Lab File: BG053222.D

Acq: 20 Apr 2022 19:14

Tgt Ion:264 Resp: 212900

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 22.9 15.1 22.7#

