

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053508.D
 Acq On : 10 May 2022 14:30
 Operator : CG/JU
 Sample : N2750-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV-RO-1/1

Quant Time: May 11 06:03:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

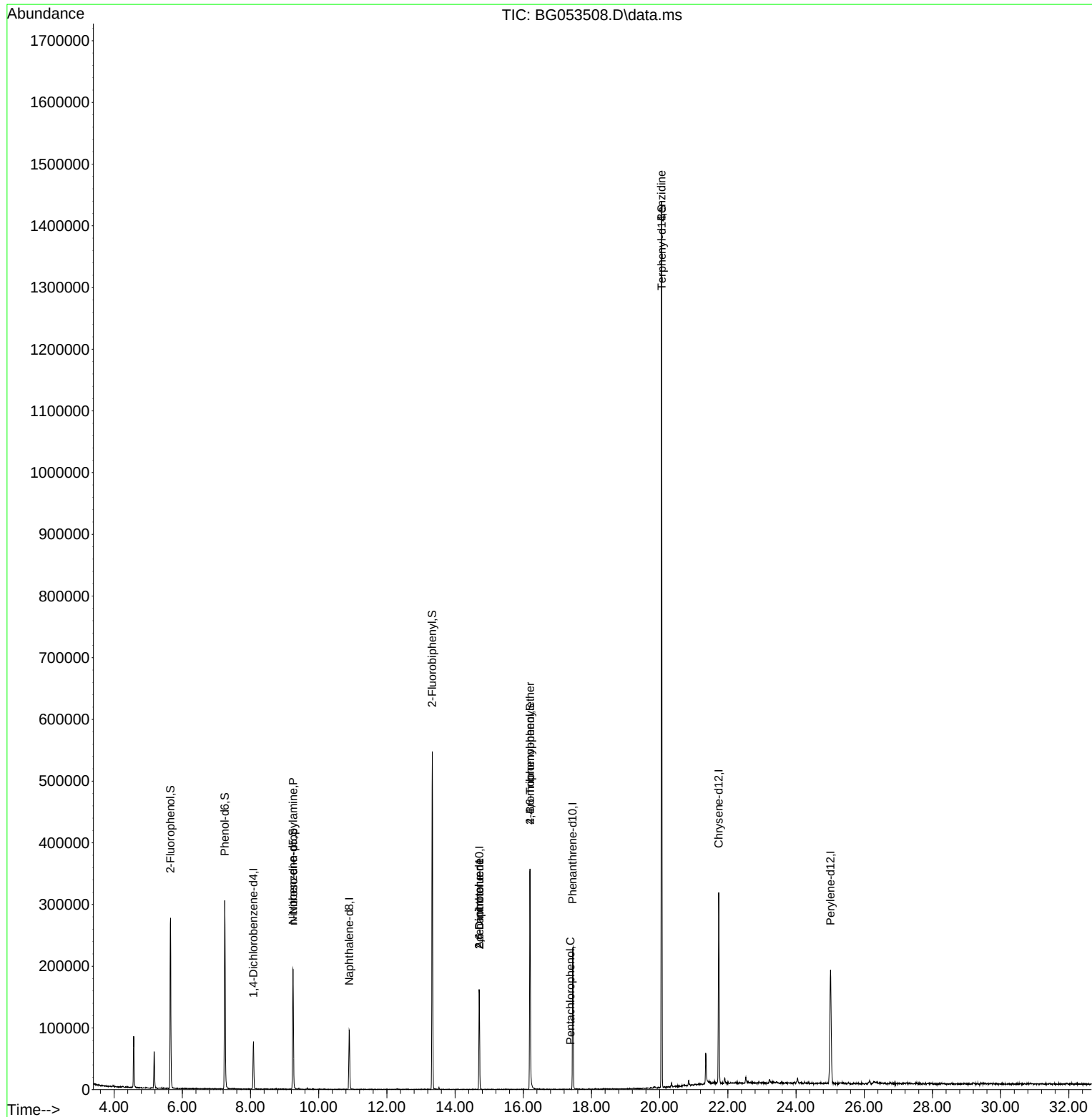
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	20822	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	82485	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	60633	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	155097	20.000	ng	0.00
76) Chrysene-d12	21.734	240	209100	20.000	ng	0.00
86) Perylene-d12	25.012	264	205673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	114002	92.919	ng	0.00
7) Phenol-d6	7.248	99	177714	95.443	ng	0.00
23) Nitrobenzene-d5	9.245	82	128367	66.247	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	76856	85.943	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	292630	70.525	ng	0.00
79) Terphenyl-d14	20.060	244	739777	65.892	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	17945	13.432	ng	Qvalue 82
51) 2,6-Dinitrotoluene	14.714	165	7634	8.133	ng	# 16
57) 2,4-Dinitrotoluene	14.714	165	7634	5.611	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	5024	2.774	ng	# 1
70) Pentachlorophenol	17.387	266	54	4.698	ng	# 16
77) Benzidine	20.054	184	11492	2.550	ng	# 91

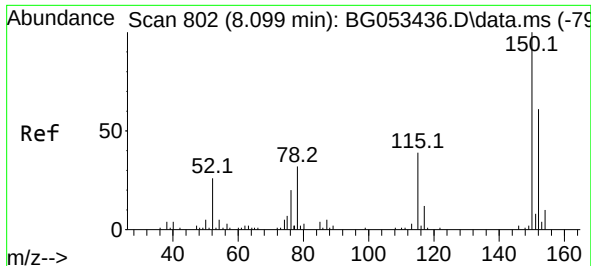
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053508.D
Acq On : 10 May 2022 14:30
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

Quant Time: May 11 06:03:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

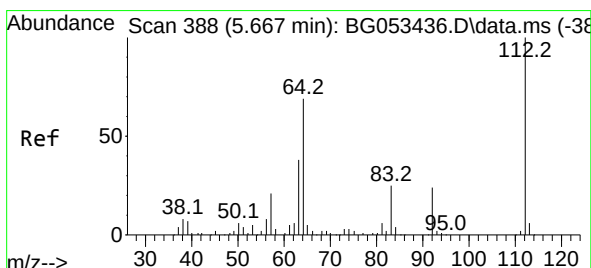
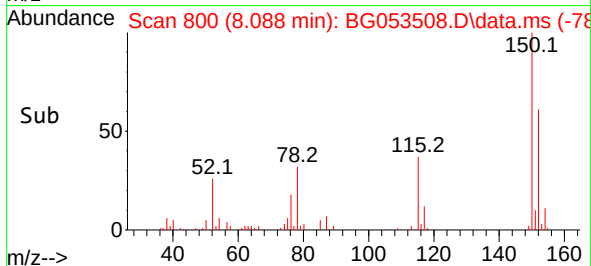
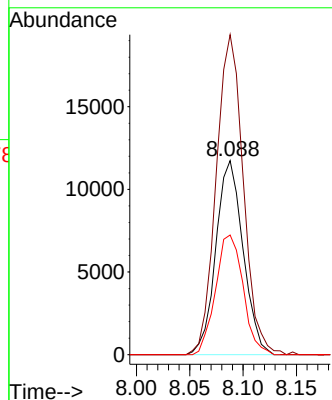
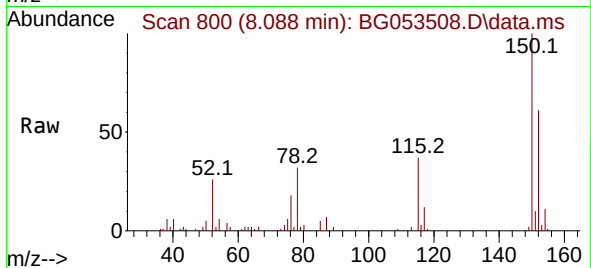




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

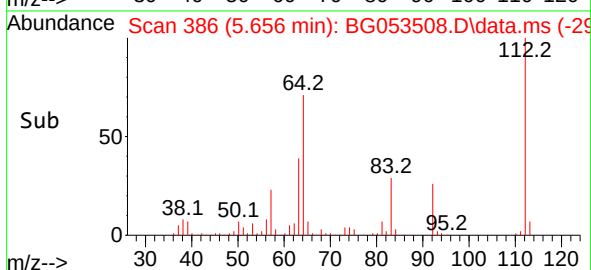
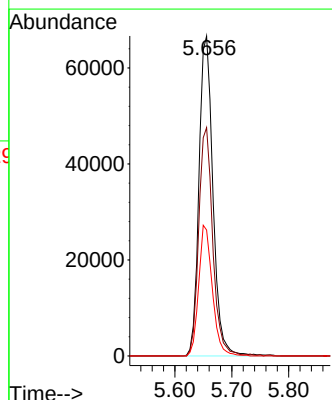
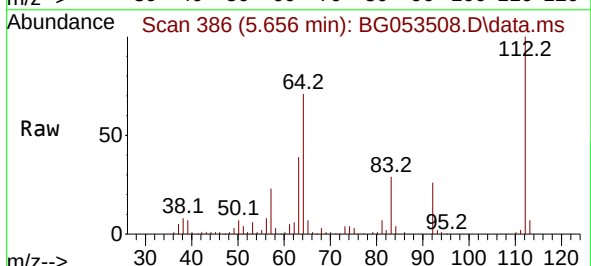
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

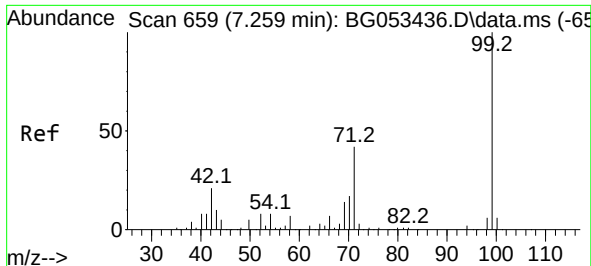
Tgt Ion:152 Resp: 20822
Ion Ratio Lower Upper
152 100
150 164.9 131.6 197.4
115 61.7 50.9 76.3



#5
2-Fluorophenol
Concen: 92.919 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

Tgt Ion:112 Resp: 114002
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 39.3 30.4 45.6

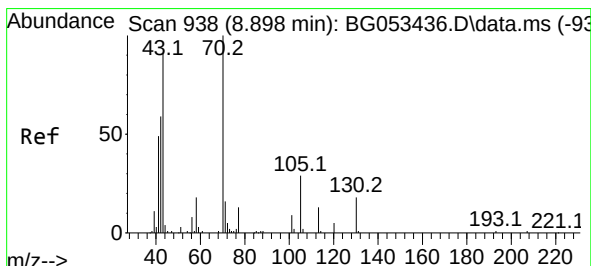
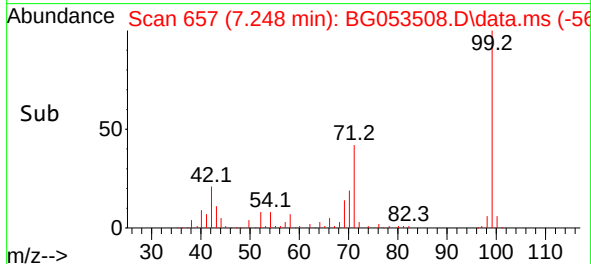
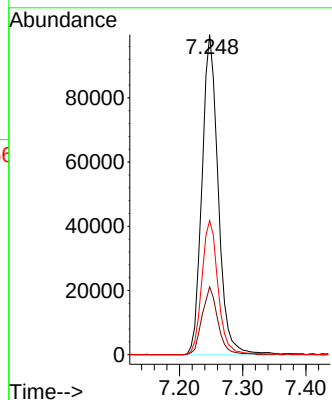
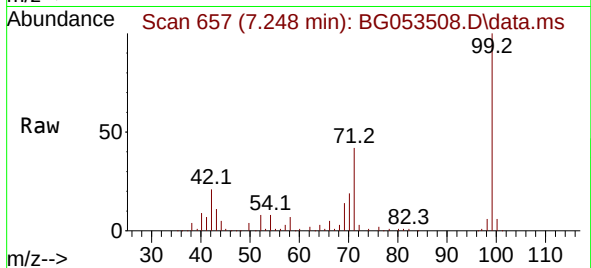




#7
Phenol-d6
Concen: 95.443 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

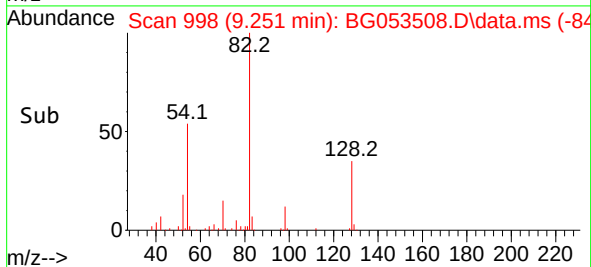
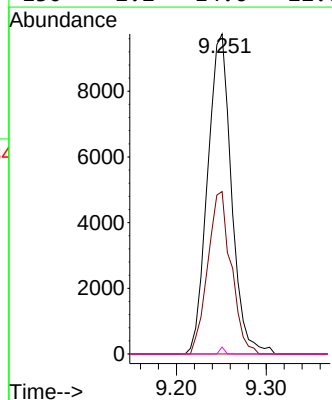
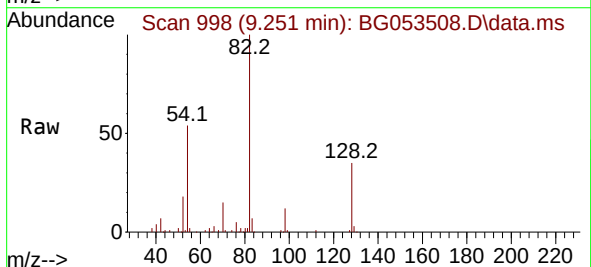
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

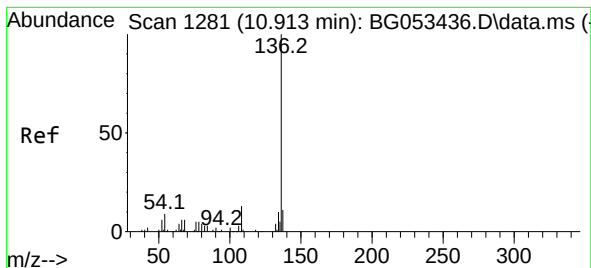
Tgt Ion: 99 Resp: 177714
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.432 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.363 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

Tgt Ion: 70 Resp: 17945
Ion Ratio Lower Upper
70 100
42 50.7 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.896 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053508.D

Acq: 10 May 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SV-RO-1/1

Tgt Ion:136 Resp: 82485

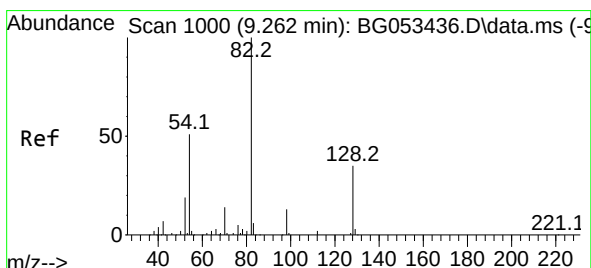
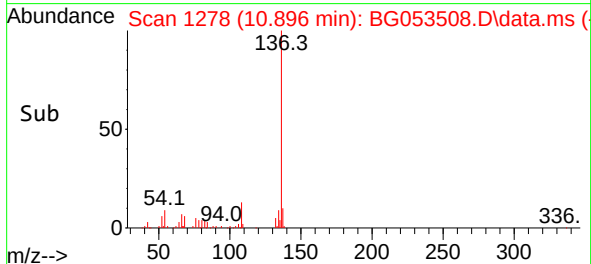
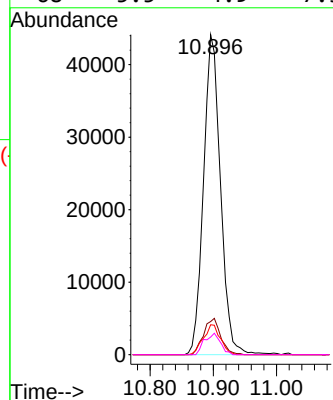
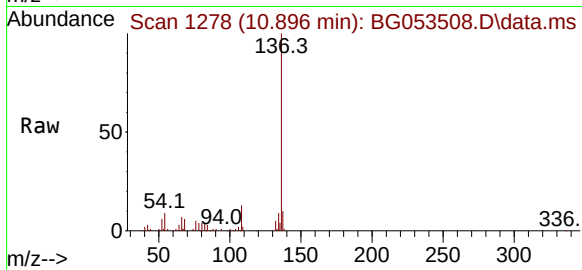
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.4 7.4 11.2

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 66.247 ng

RT: 9.245 min Scan# 997

Delta R.T. -0.008 min

Lab File: BG053508.D

Acq: 10 May 2022 14:30

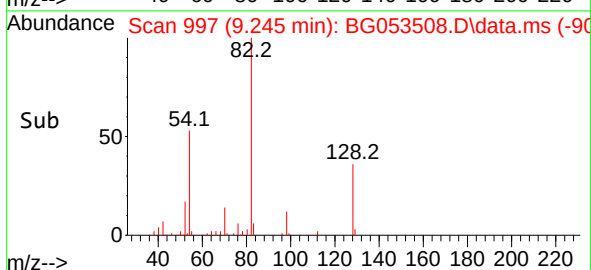
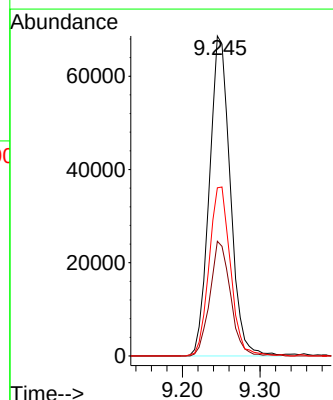
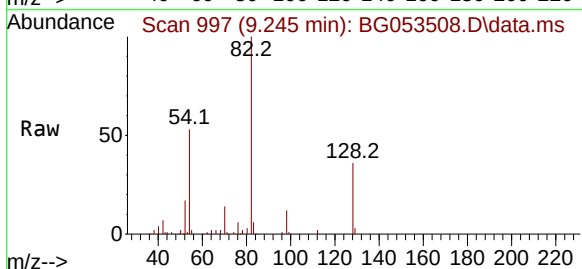
Tgt Ion: 82 Resp: 128367

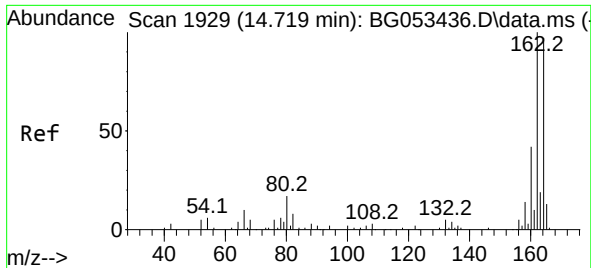
Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 52.6 41.2 61.8



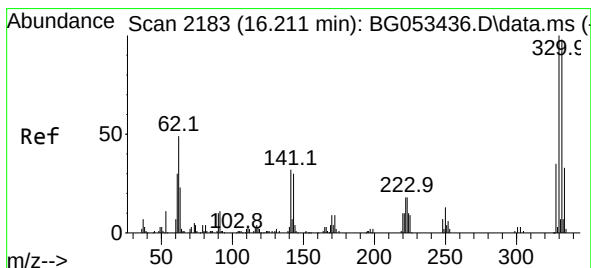
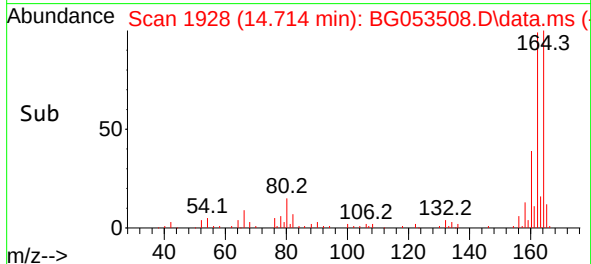
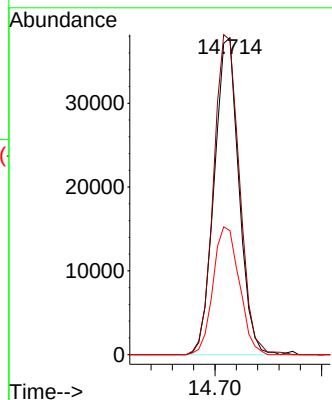
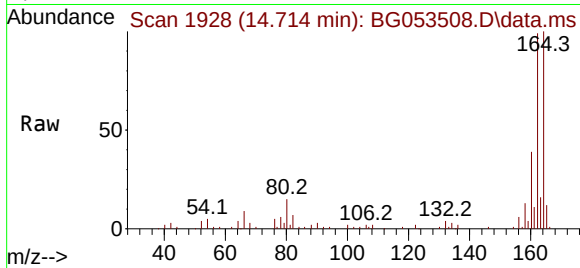


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.714 min Scan# 1928
 Delta R.T. -0.002 min
 Lab File: BG053508.D
 Acq: 10 May 2022 14:30

Instrument :
 BNA_G
 ClientSampleId :
 SV-RO-1/1

Tgt Ion:164 Resp: 60633

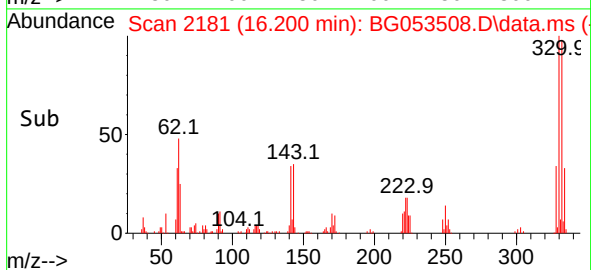
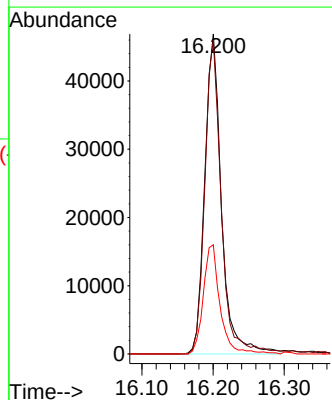
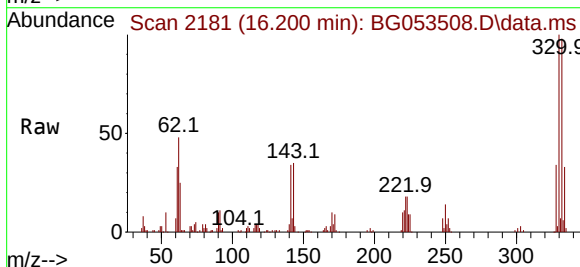
Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.3	123.5
160	39.1	34.2	51.2

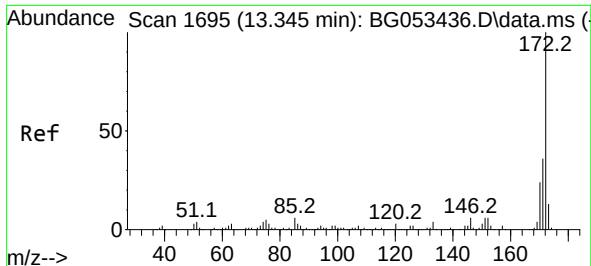


#42
 2,4,6-Tribromophenol
 Concen: 85.943 ng
 RT: 16.200 min Scan# 2181
 Delta R.T. -0.002 min
 Lab File: BG053508.D
 Acq: 10 May 2022 14:30

Tgt Ion:330 Resp: 76856

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	34.2	27.1	40.7

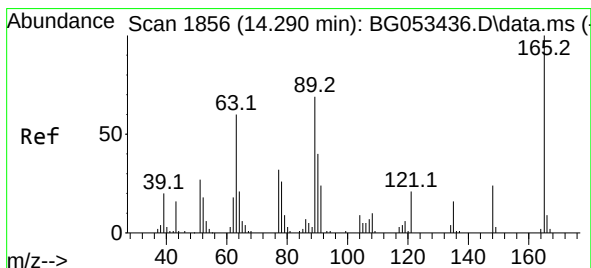
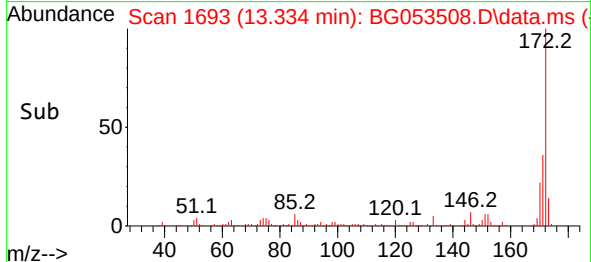
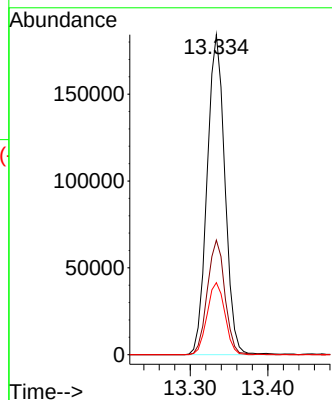
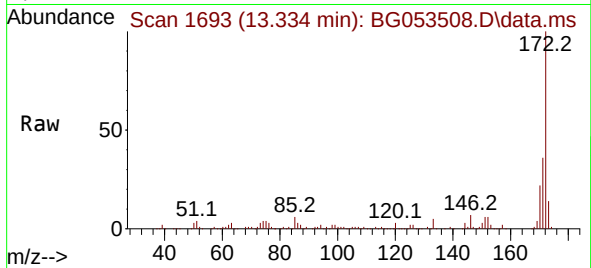




#45
2-Fluorobiphenyl
Concen: 70.525 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

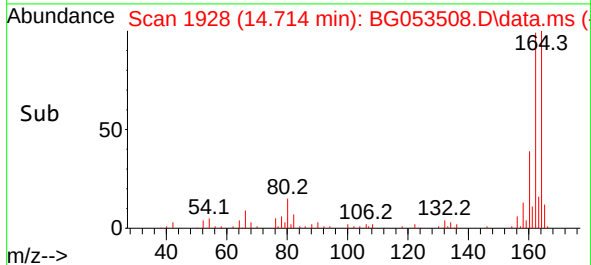
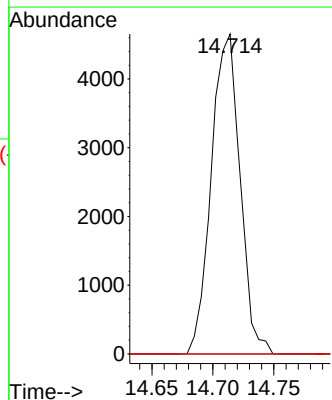
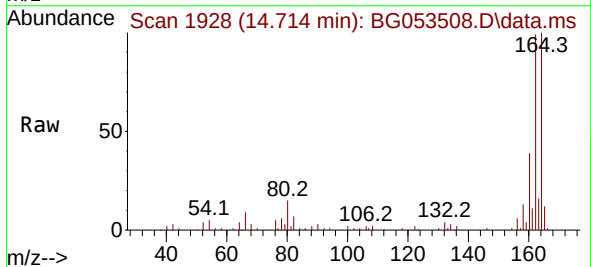
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

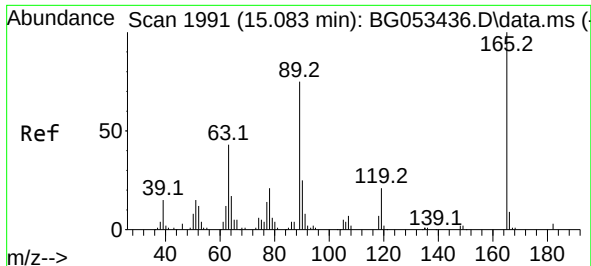
Tgt Ion:172 Resp: 292630
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.133 ng
RT: 14.714 min Scan# 1928
Delta R.T. 0.433 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

Tgt Ion:165 Resp: 7634
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.611 ng

RT: 14.714 min Scan# 1991

Delta R.T. -0.360 min

Lab File: BG053508.D

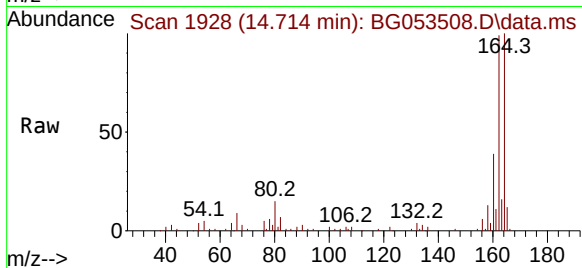
Acq: 10 May 2022 14:30

Instrument :

BNA_G

ClientSampleId :

SV-RO-1/1



Tgt Ion:165 Resp: 7634

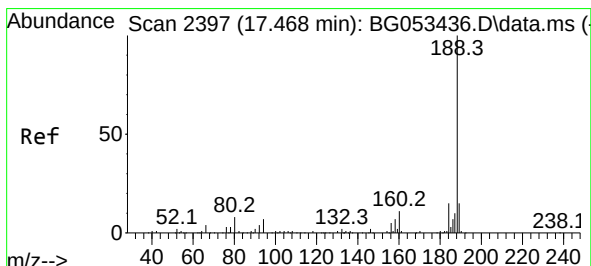
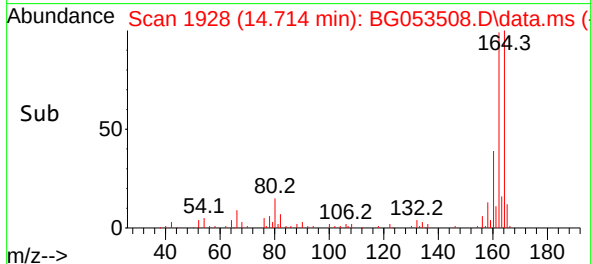
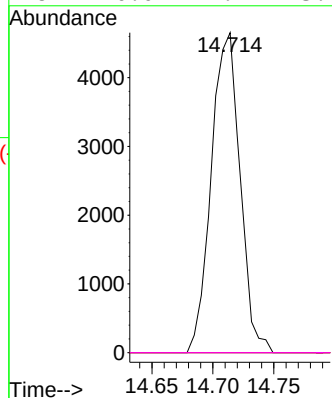
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.452 min Scan# 2394

Delta R.T. -0.008 min

Lab File: BG053508.D

Acq: 10 May 2022 14:30

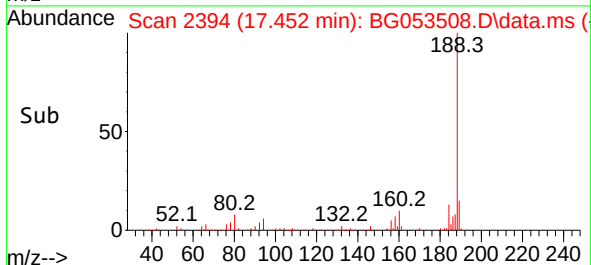
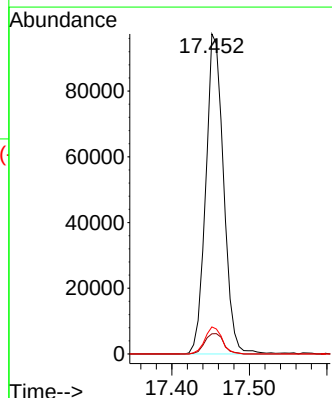
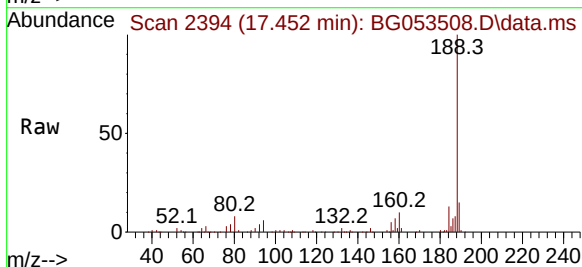
Tgt Ion:188 Resp: 155097

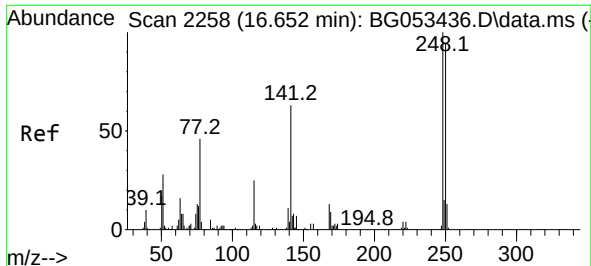
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 8.5 6.8 10.2

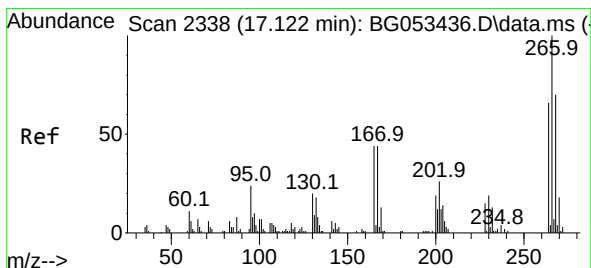
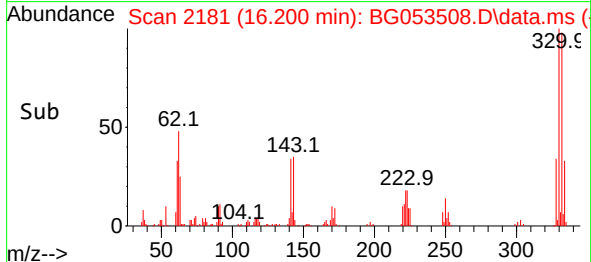
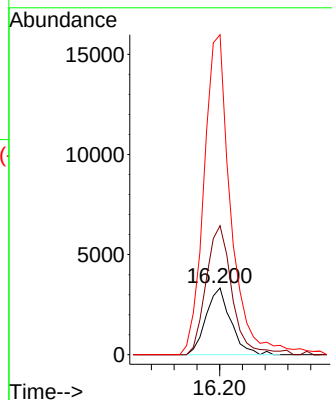
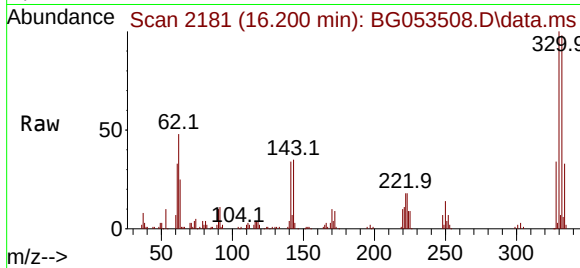




#67
4-Bromophenyl-phenylether
Concen: 2.774 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.442 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

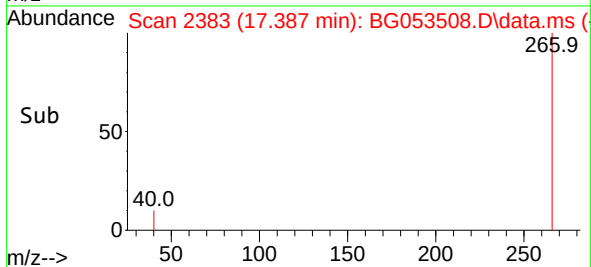
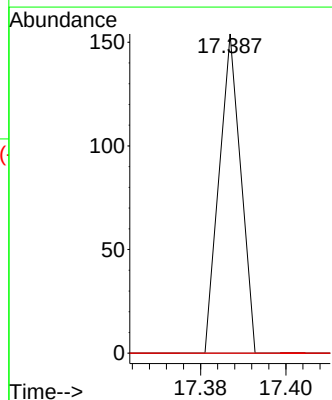
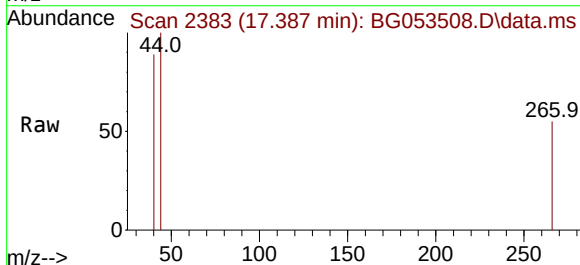
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

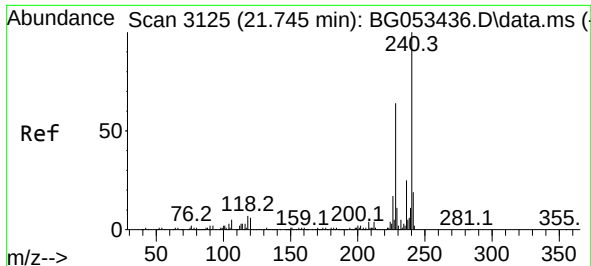
Tgt Ion:248 Resp: 5024
Ion Ratio Lower Upper
248 100
250 193.4 75.2 112.8#
141 480.2 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.698 ng
RT: 17.387 min Scan# 2383
Delta R.T. 0.269 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

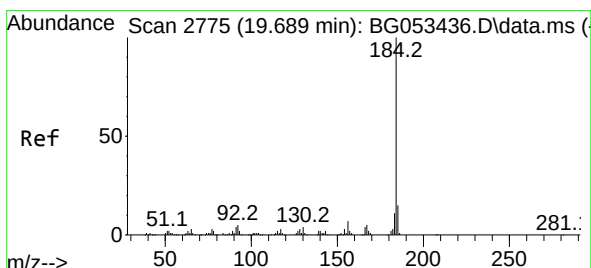
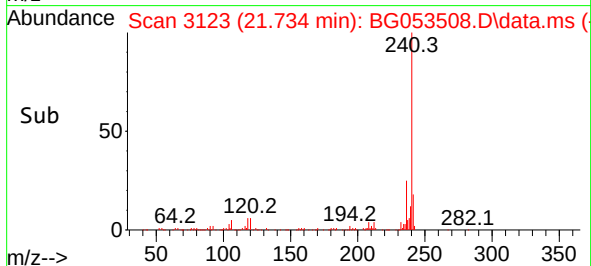
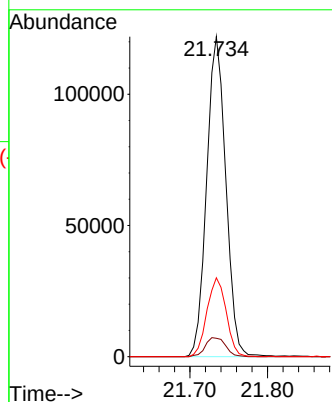
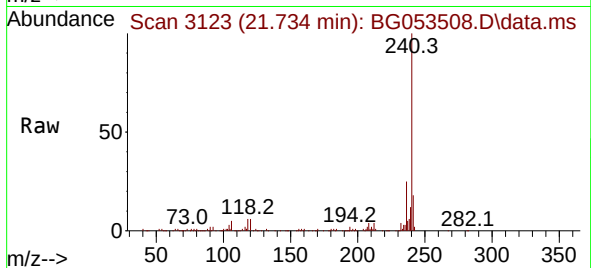




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

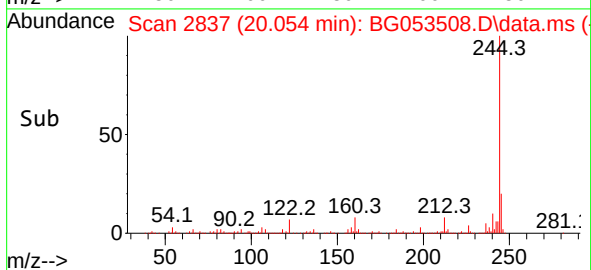
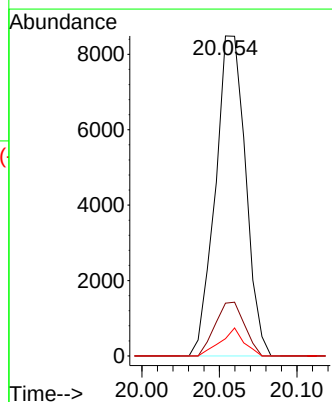
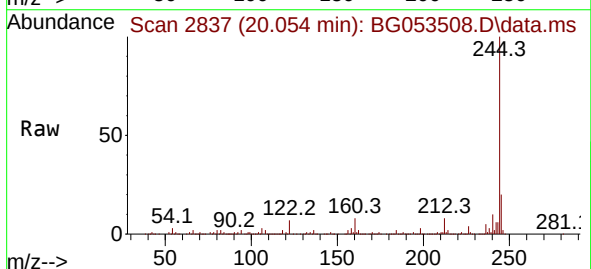
Instrument :
BNA_G
ClientSampleId :
SV-RO-1/1

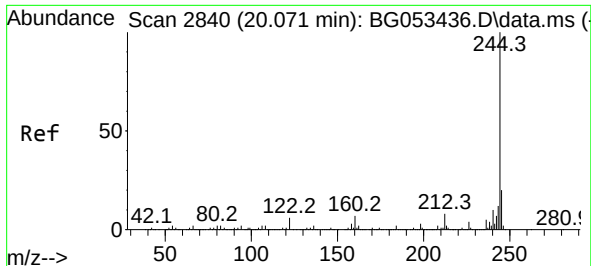
Tgt Ion:240 Resp: 209100
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.7 20.2 30.4



#77
Benzidine
Concen: 2.550 ng
RT: 20.054 min Scan# 2837
Delta R.T. 0.374 min
Lab File: BG053508.D
Acq: 10 May 2022 14:30

Tgt Ion:184 Resp: 11492
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 5.4 8.9 13.3#

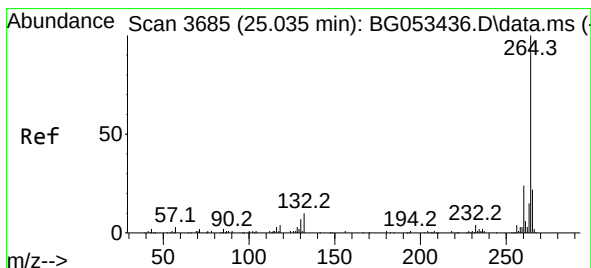
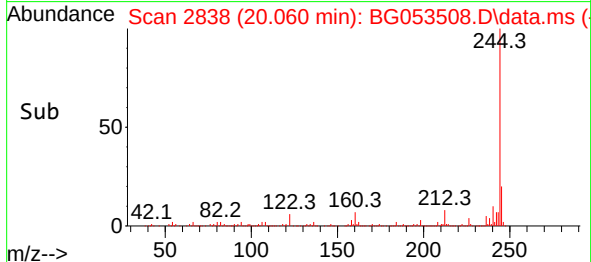
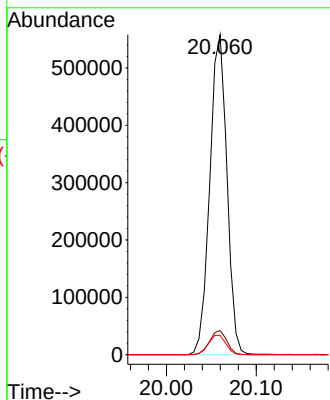
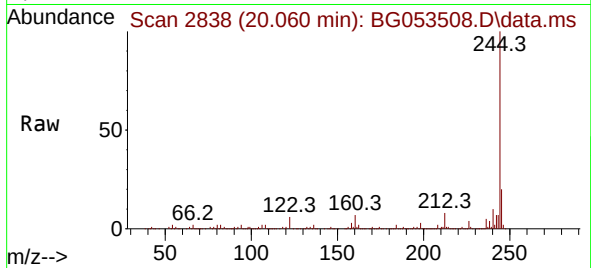




#79
 Terphenyl-d14
 Concen: 65.892 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053508.D
 Acq: 10 May 2022 14:30

Instrument :
 BNA_G
 ClientSampleId :
 SV-RO-1/1

Tgt Ion:244 Resp: 739777
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053508.D
 Acq: 10 May 2022 14:30

Tgt Ion:264 Resp: 205673
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.0 28.6
 265 23.9 17.4 26.2

