

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053459.D
 Acq On : 5 May 2022 20:33
 Operator : CG/JU
 Sample : N2677-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1,15

Quant Time: May 06 03:48:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

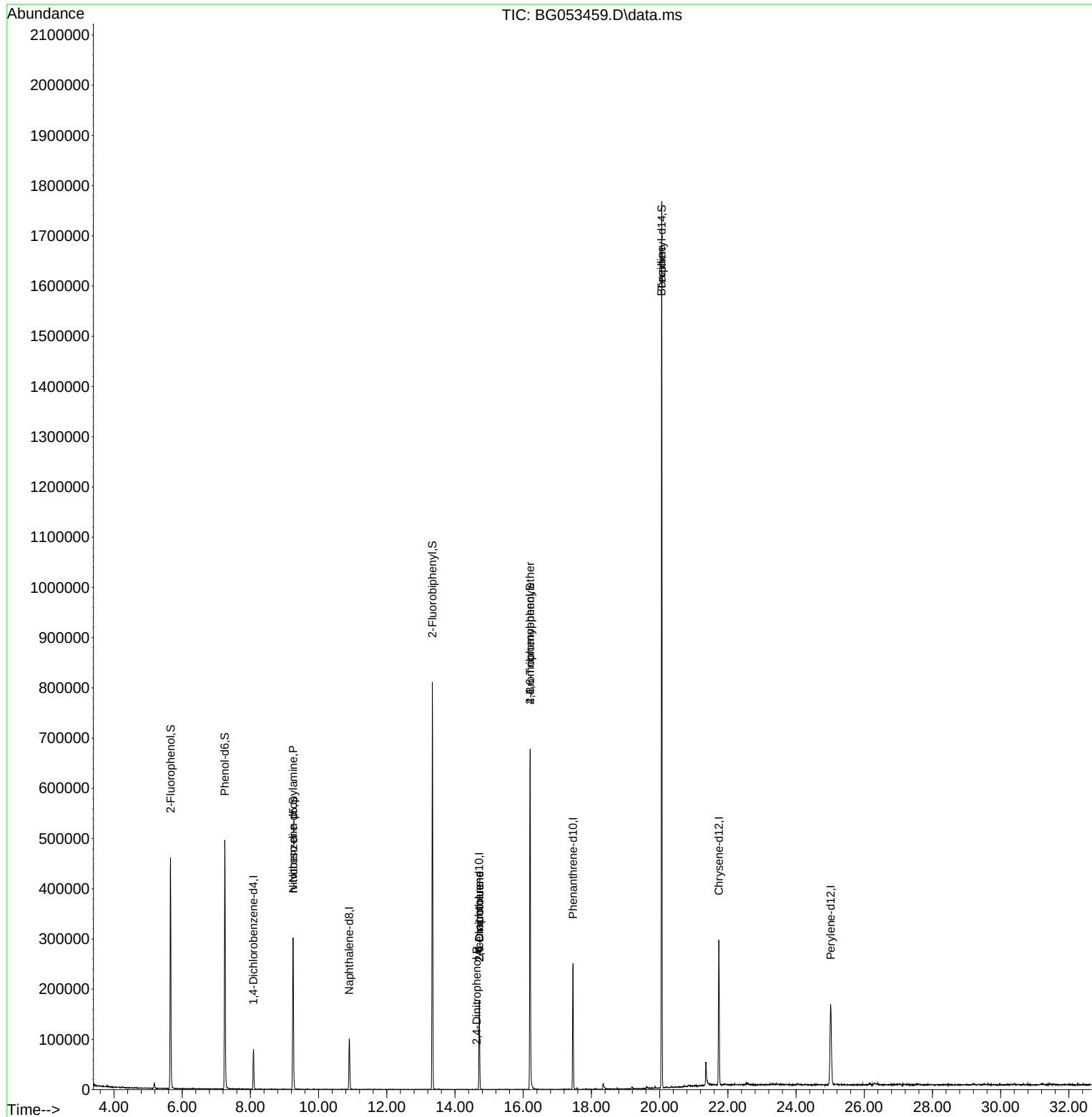
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22112	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	87615	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	65414	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	165285	20.000	ng	0.00
76) Chrysene-d12	21.737	240	192493	20.000	ng	0.00
86) Perylene-d12	25.015	264	190827	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	188171	144.425	ng	0.00
7) Phenol-d6	7.250	99	277734	140.457	ng	0.00
23) Nitrobenzene-d5	9.253	82	194863	94.676	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	139696	144.796	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	415096	92.728	ng	0.00
79) Terphenyl-d14	20.062	244	895145	86.610	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.253	70	27118	19.114	ng	# 81
51) 2,6-Dinitrotoluene	14.717	165	8489	8.382	ng	# 16
54) 2,4-Dinitrophenol	14.634	184	58	6.328	ng	# 11
57) 2,4-Dinitrotoluene	14.717	165	8489	5.783	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	8738	4.527	ng	# 1
77) Benzidine	20.057	184	15529	3.743	ng	# 92

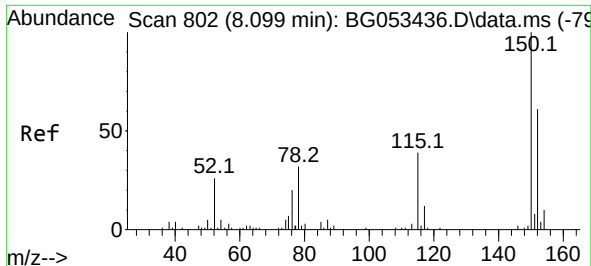
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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SB-1,15

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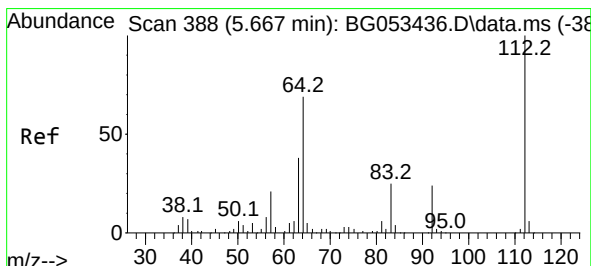
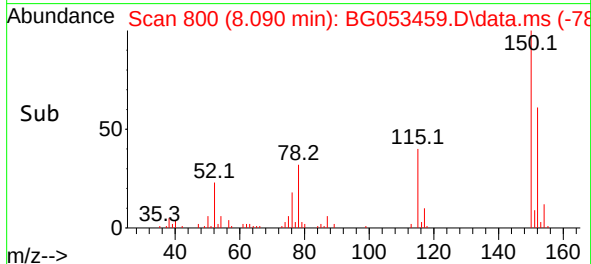
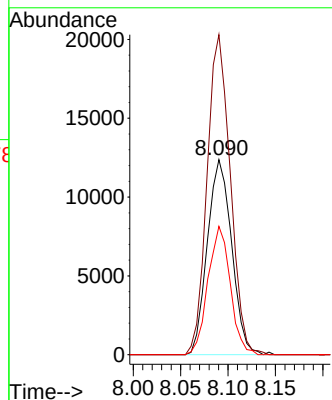
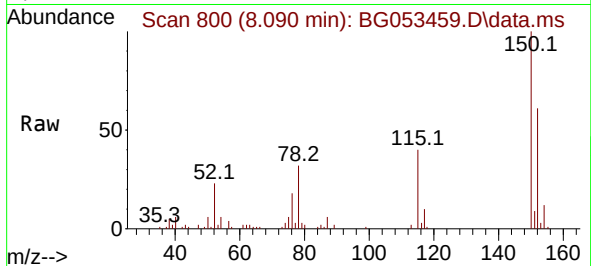




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

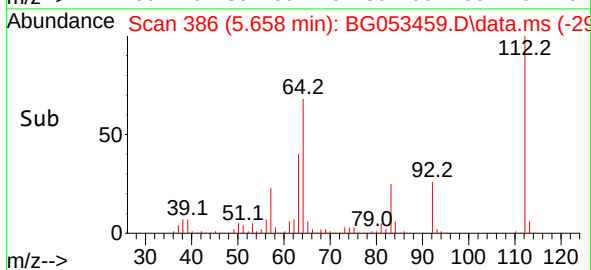
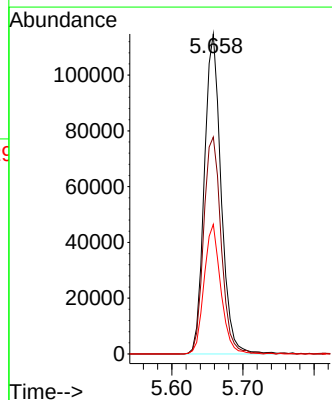
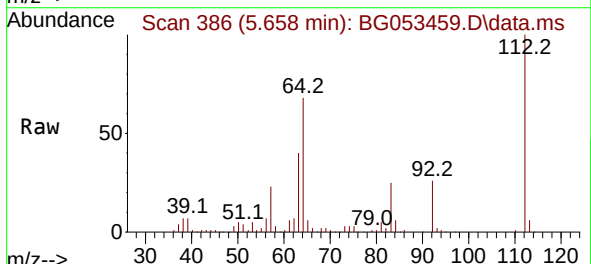
Instrument :
BNA_G
ClientSampleId :
SB-1,15

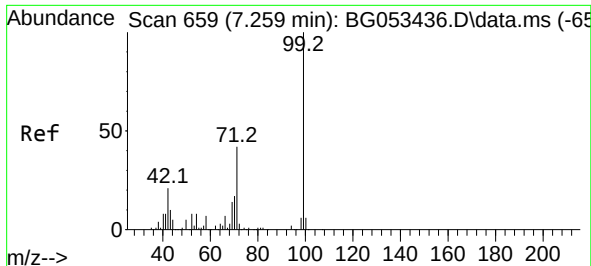
Tgt Ion:152 Resp: 22112
Ion Ratio Lower Upper
152 100
150 164.1 131.6 197.4
115 65.8 50.9 76.3



#5
2-Fluorophenol
Concen: 144.425 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

Tgt Ion:112 Resp: 188171
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 40.5 30.4 45.6

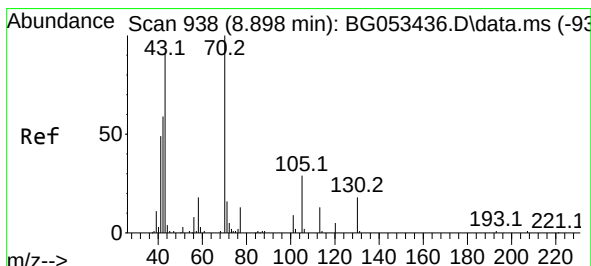
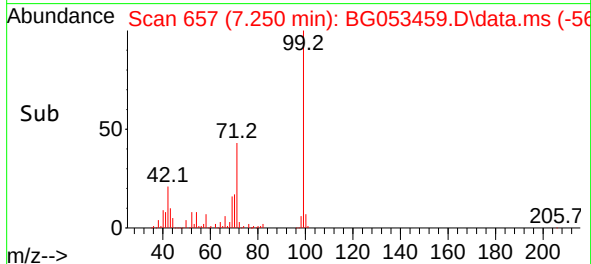
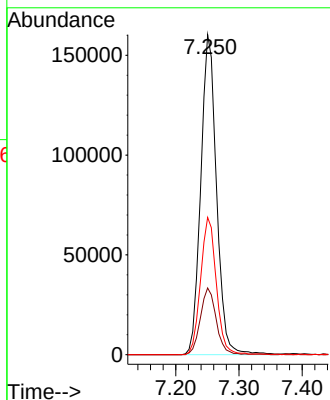
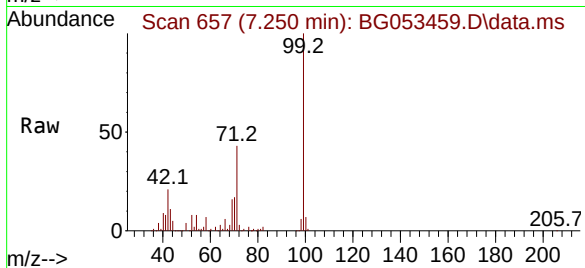




#7
Phenol-d6
Concen: 140.457 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

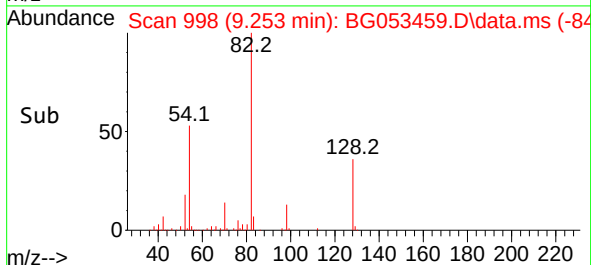
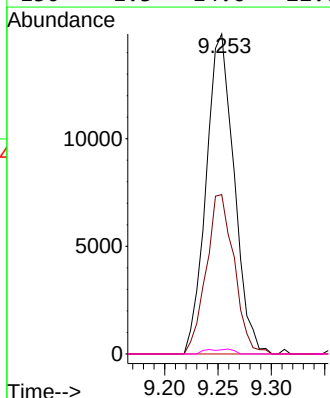
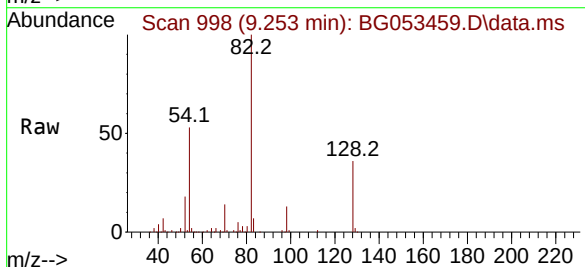
Instrument :
BNA_G
ClientSampleId :
SB-1,15

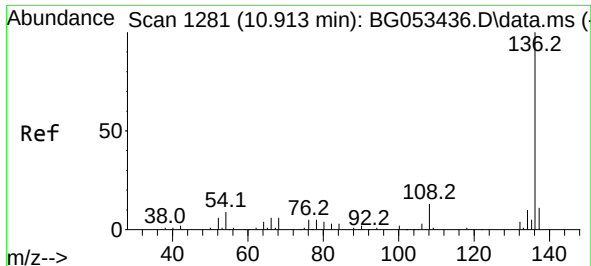
Tgt Ion: 99 Resp: 277734
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.114 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

Tgt Ion: 70 Resp: 27118
Ion Ratio Lower Upper
70 100
42 49.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.3 14.6 22.0#

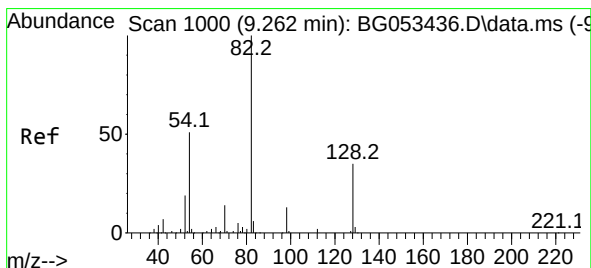
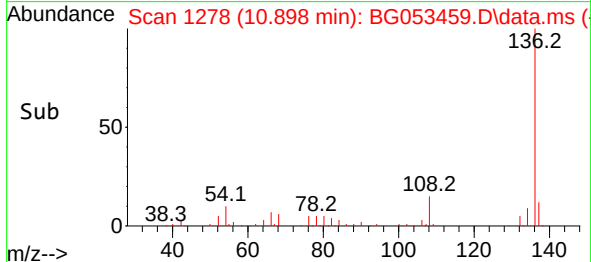
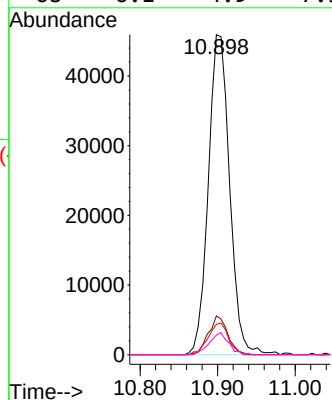
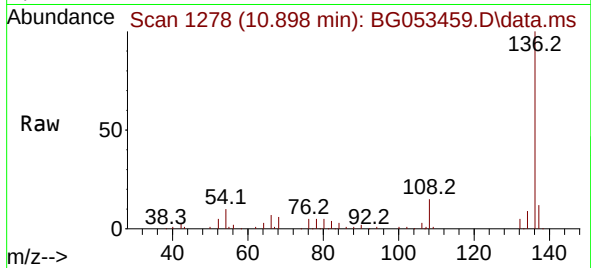




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

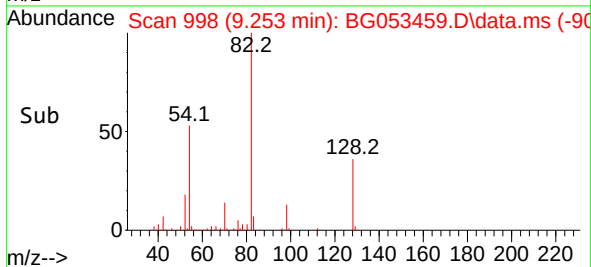
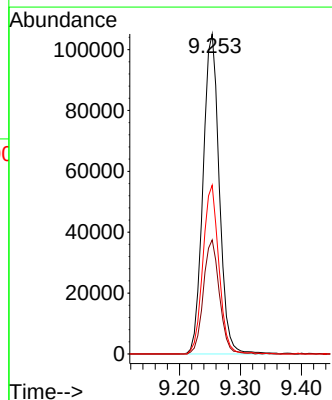
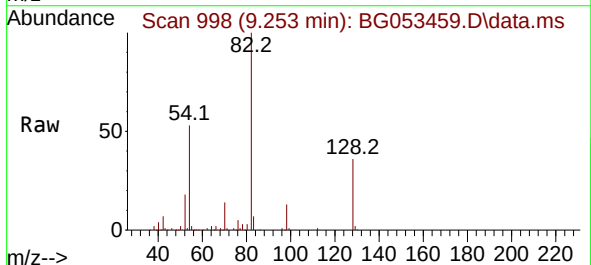
Instrument :
BNA_G
ClientSampleId :
SB-1,15

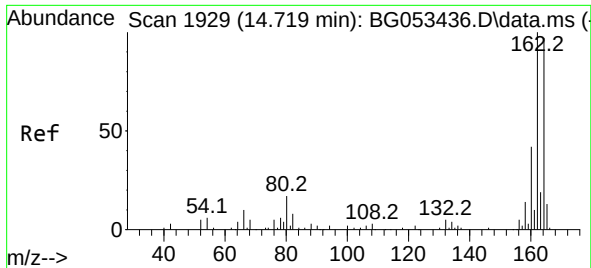
Tgt Ion:	136	Resp:	87615
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.5	12.7
54	9.5	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.676 ng
RT: 9.253 min Scan# 998
Delta R.T. -0.009 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

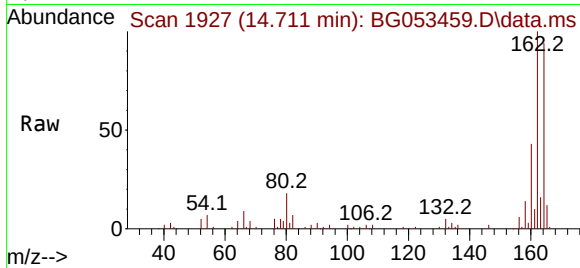
Tgt Ion:	82	Resp:	194863
Ion Ratio	Lower	Upper	
82	100		
128	35.7	27.9	41.9
54	52.7	41.2	61.8



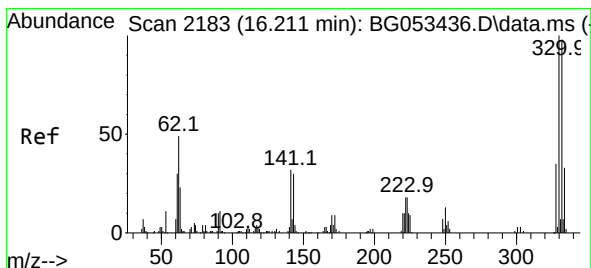
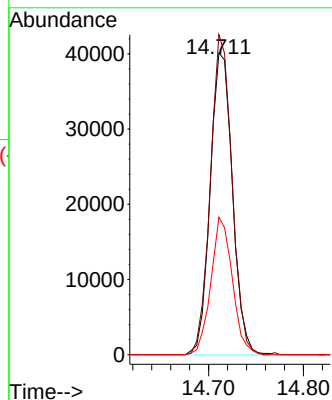
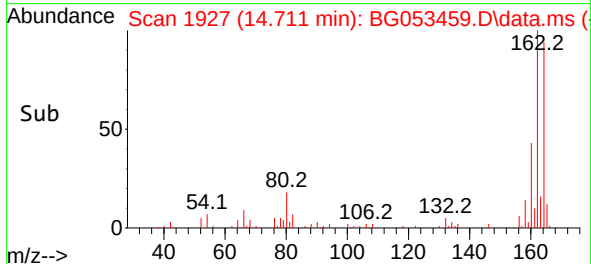


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

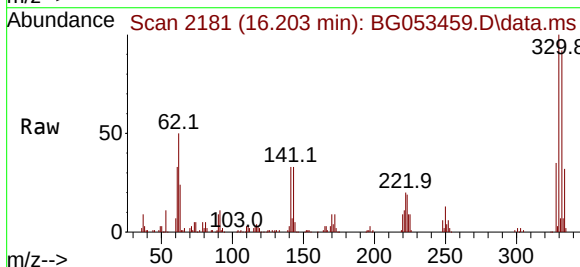
Instrument :
BNA_G
ClientSampleId :
SB-1,15



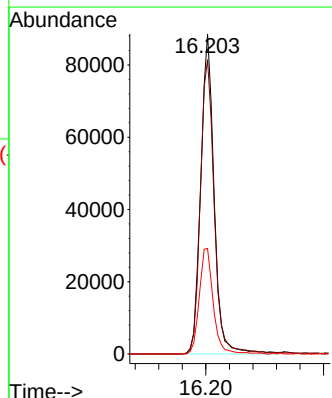
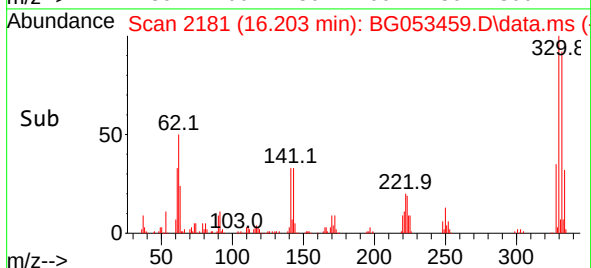
Tgt Ion:164 Resp: 65414
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 45.5 34.2 51.2

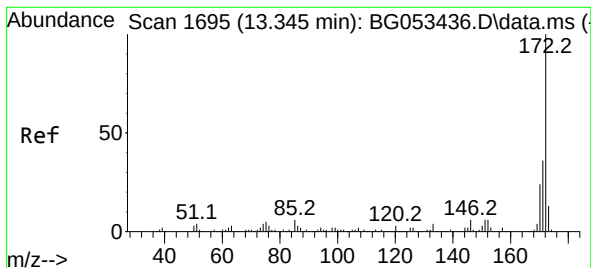


#42
2,4,6-Tribromophenol
Concen: 144.796 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33



Tgt Ion:330 Resp: 139696
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 34.3 27.1 40.7

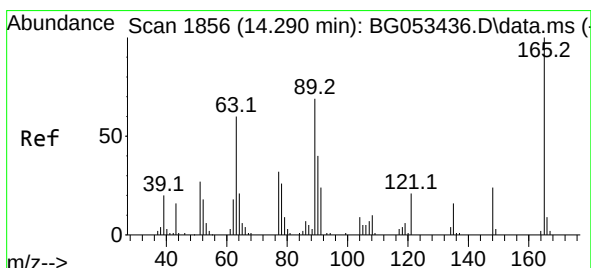
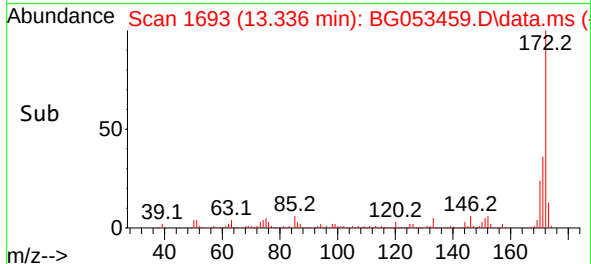
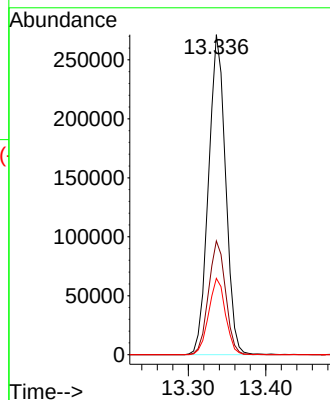
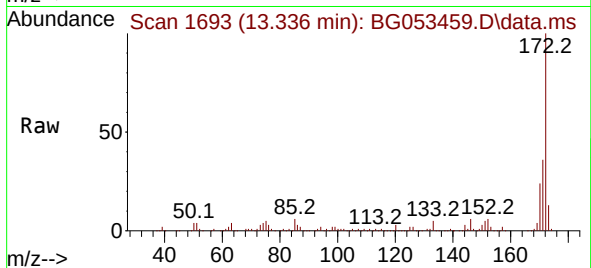




#45
2-Fluorobiphenyl
Concen: 92.728 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

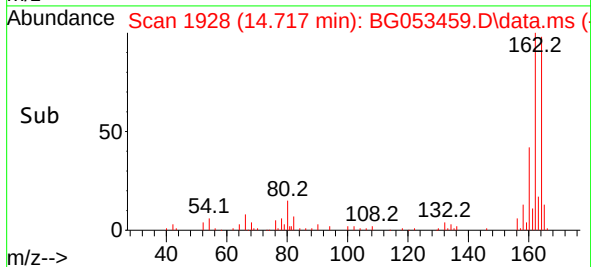
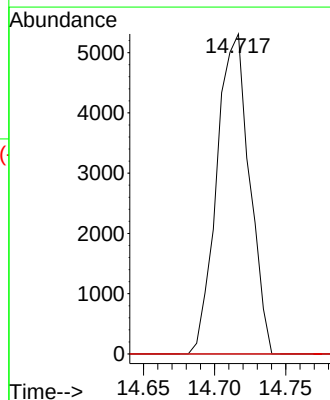
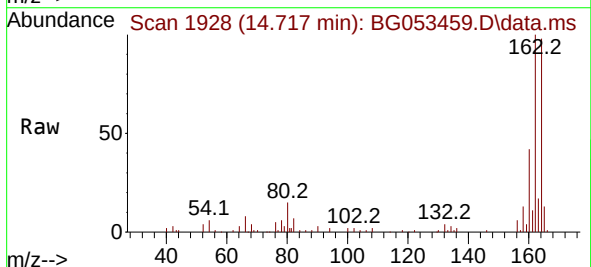
Instrument :
BNA_G
ClientSampleId :
SB-1,15

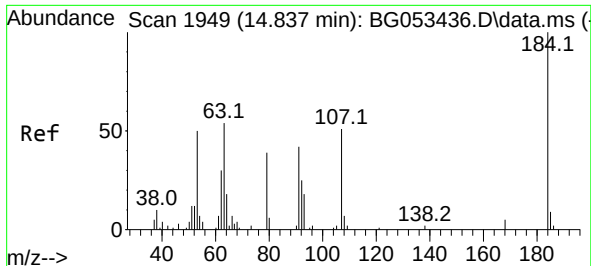
Tgt Ion:172 Resp: 415096
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.382 ng
RT: 14.717 min Scan# 1928
Delta R.T. 0.426 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

Tgt Ion:165 Resp: 8489
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

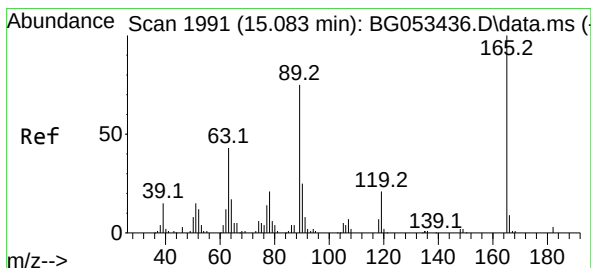
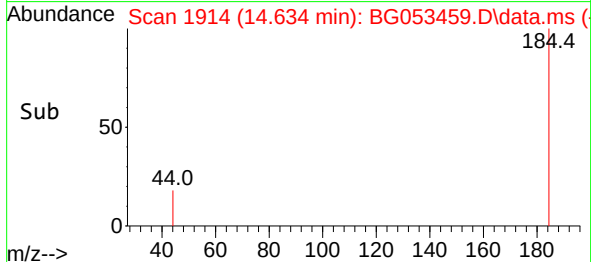
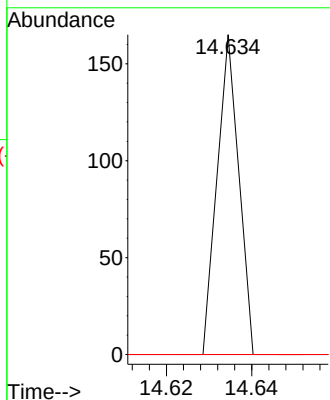
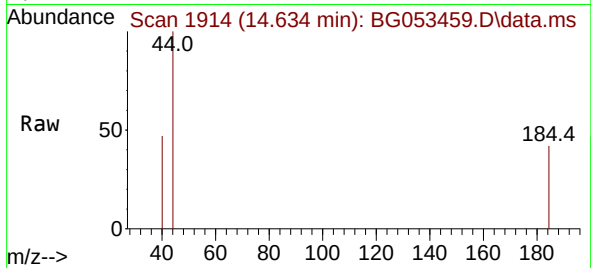




#54
2,4-Dinitrophenol
Concen: 6.328 ng
RT: 14.634 min Scan# 1914
Delta R.T. -0.203 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

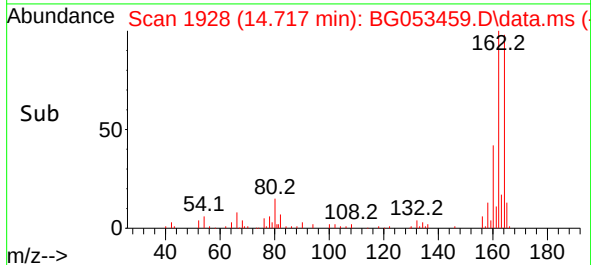
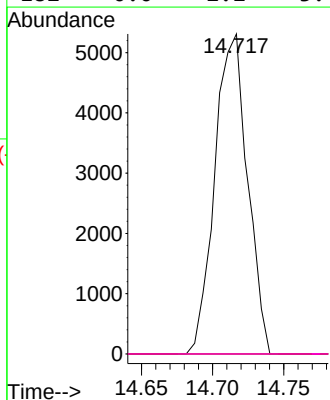
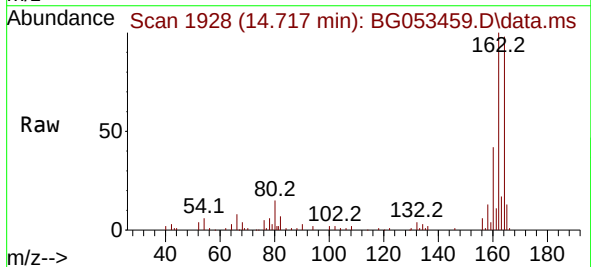
Instrument :
BNA_G
ClientSampleId :
SB-1,15

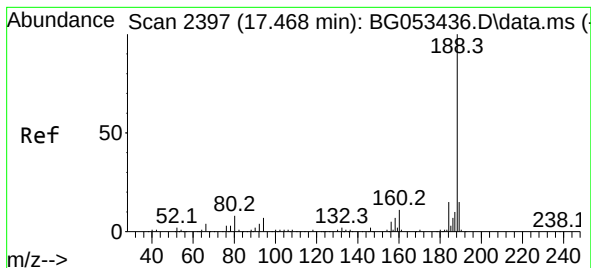
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#57
2,4-Dinitrotoluene
Concen: 5.783 ng
RT: 14.717 min Scan# 1928
Delta R.T. -0.367 min
Lab File: BG053459.D
Acq: 5 May 2022 20:33

Tgt Ion:165 Resp: 8489
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: 17.460 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053459.D

Acq: 5 May 2022 20:33

Instrument :

BNA_G

ClientSampleId :

SB-1,15

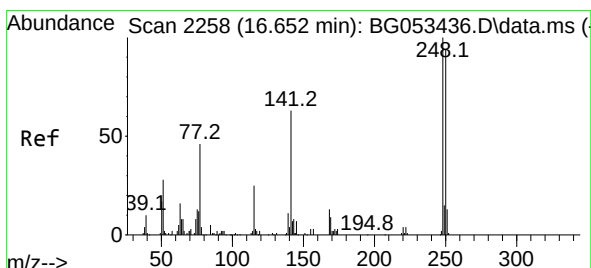
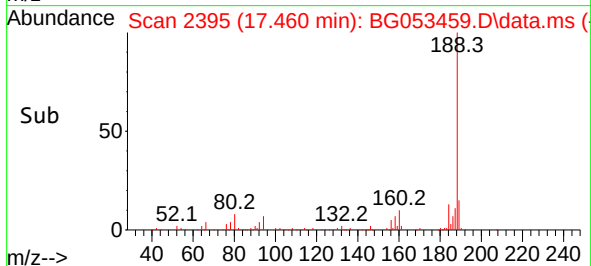
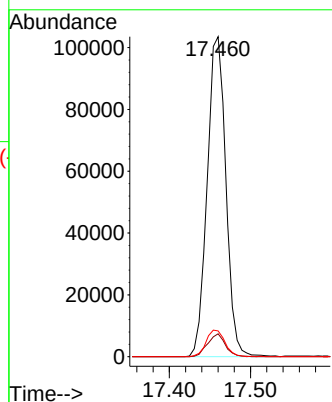
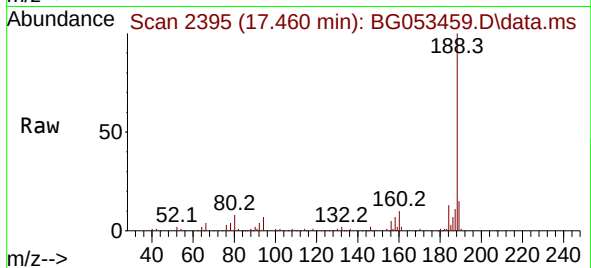
Tgt Ion:188 Resp: 165285

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.0

80 8.0 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.527 ng

RT: 16.203 min Scan# 2181

Delta R.T. -0.449 min

Lab File: BG053459.D

Acq: 5 May 2022 20:33

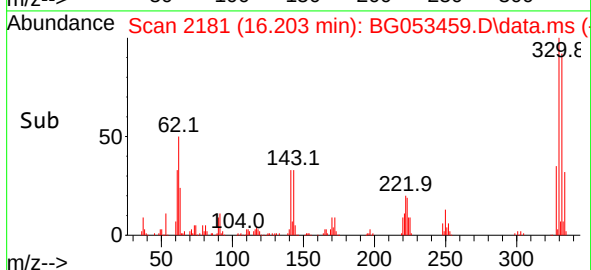
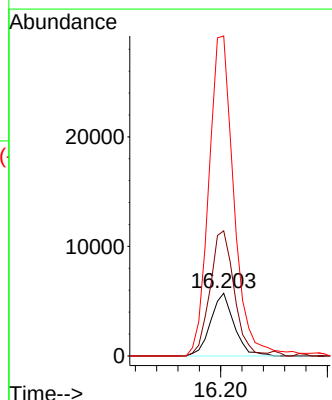
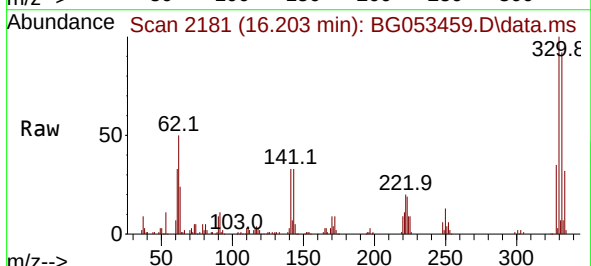
Tgt Ion:248 Resp: 8738

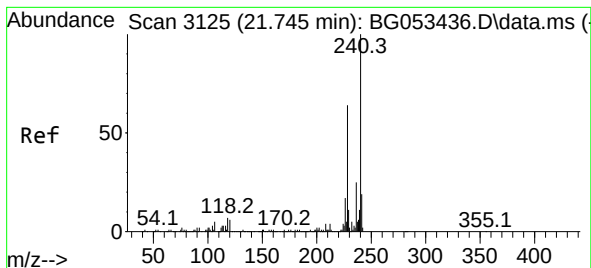
Ion Ratio Lower Upper

248 100

250 199.7 75.2 112.8#

141 510.7 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.737 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053459.D

Acq: 5 May 2022 20:33

Instrument :

BNA_G

ClientSampleId :

SB-1,15

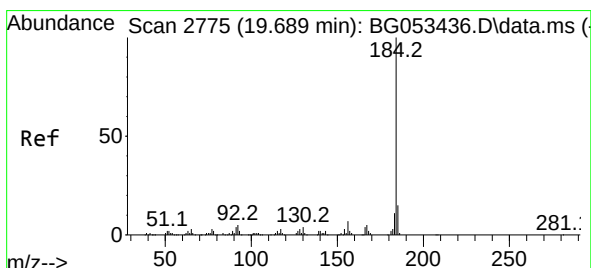
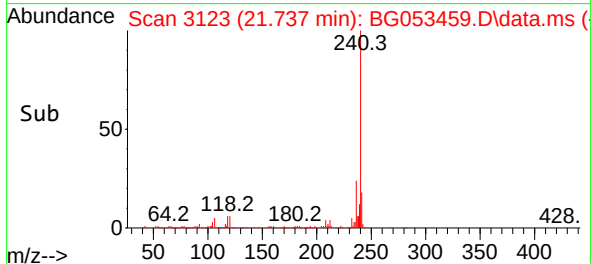
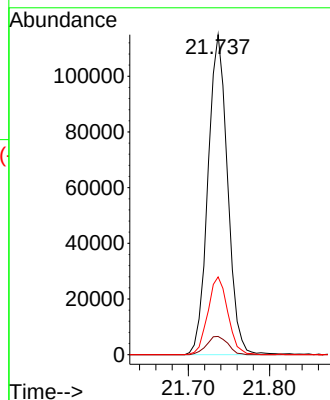
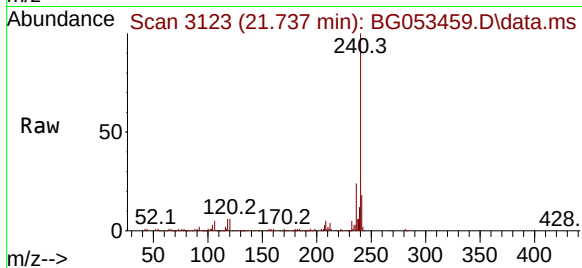
Tgt Ion:240 Resp: 192493

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

236 24.3 20.2 30.4



#77

Benzidine

Concen: 3.743 ng

RT: 20.057 min Scan# 2837

Delta R.T. 0.368 min

Lab File: BG053459.D

Acq: 5 May 2022 20:33

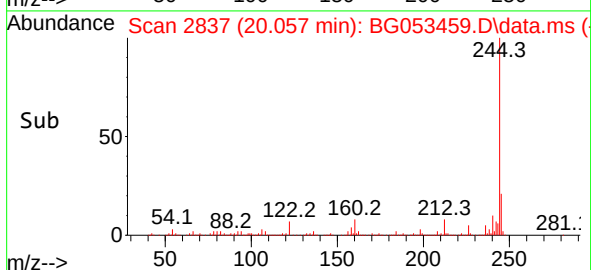
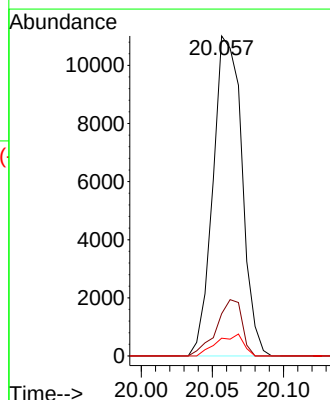
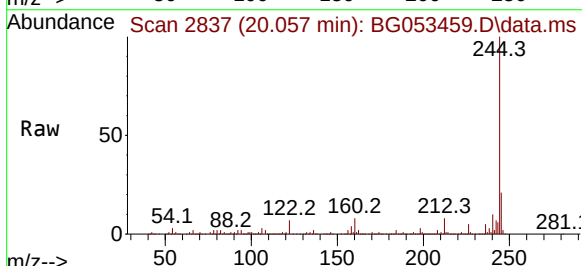
Tgt Ion:184 Resp: 15529

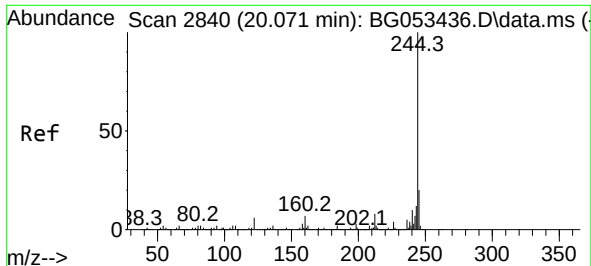
Ion Ratio Lower Upper

184 100

185 13.2 11.8 17.6

183 5.6 8.9 13.3#

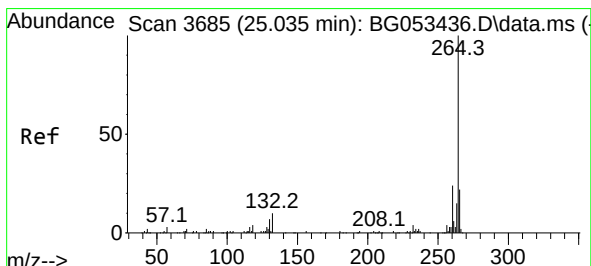
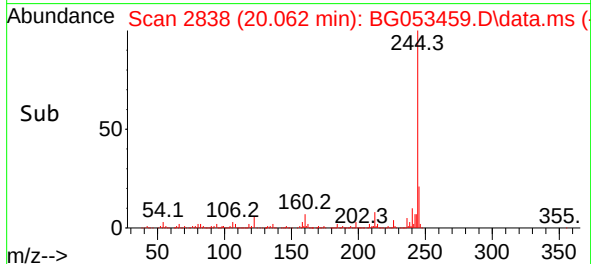
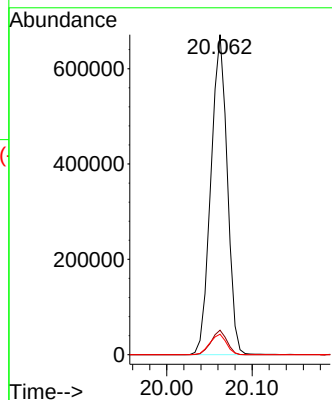
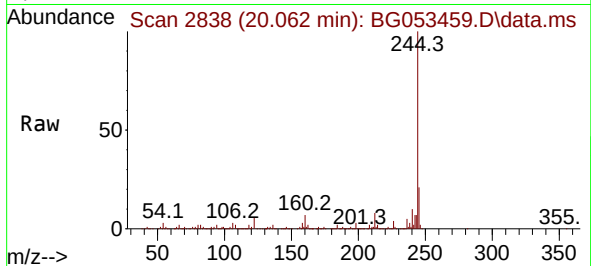




#79
 Terphenyl-d14
 Concen: 86.610 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053459.D
 Acq: 5 May 2022 20:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-1,15

Tgt Ion:244 Resp: 895145
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.020 min
 Lab File: BG053459.D
 Acq: 5 May 2022 20:33

Tgt Ion:264 Resp: 190827
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 17.4 26.2

