

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053610.D
 Acq On : 18 May 2022 19:25
 Operator : CG/JU
 Sample : N2776-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CF-280MER-8-15

Quant Time: May 19 05:12:38 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)

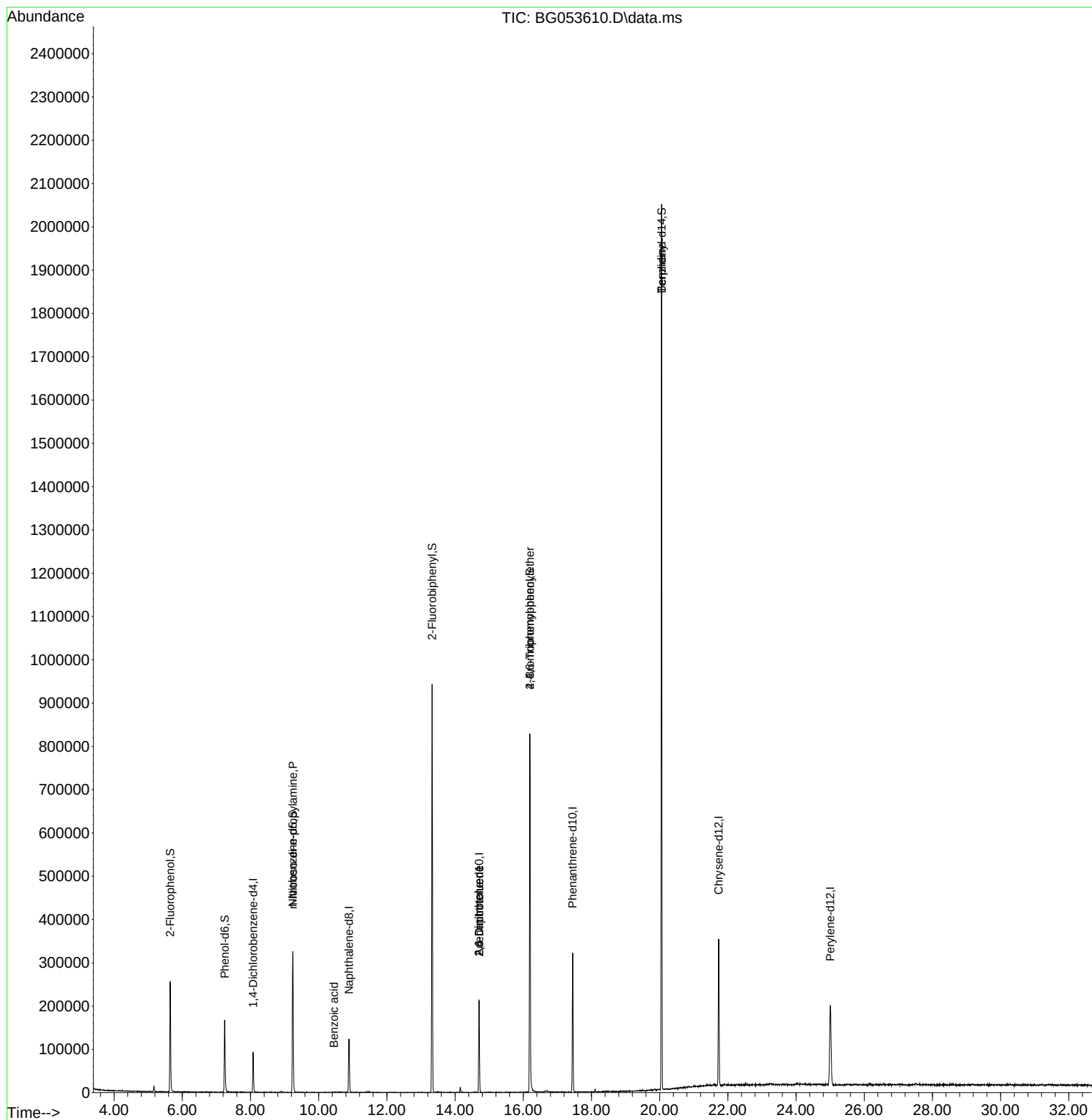
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	25455	20.000	ng	-0.01
21) Naphthalene-d8	10.889	136	102271	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	79295	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	207110	20.000	ng	0.00
76) Chrysene-d12	21.733	240	217119	20.000	ng	0.00
86) Perylene-d12	25.005	264	216108	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	108302	72.207	ng	0.00
7) Phenol-d6	7.247	99	101971	44.797	ng	0.00
23) Nitrobenzene-d5	9.239	82	217172	90.394	ng	-0.01
42) 2,4,6-Tribromophenol	16.194	330	175286	149.880	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	482337	88.887	ng	0.00
79) Terphenyl-d14	20.059	244	1050088	90.078	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.244	70	31655	19.382	ng	Qvalue # 75
32) Benzoic acid	10.449	122	62	8.543	ng	# 89
51) 2,6-Dinitrotoluene	14.708	165	10516	8.566	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	10516	5.910	ng	# 21
67) 4-Bromophenyl-phenylether	16.194	248	11508	4.758	ng	# 1
77) Benzidine	20.059	184	17318	3.701	ng	# 97

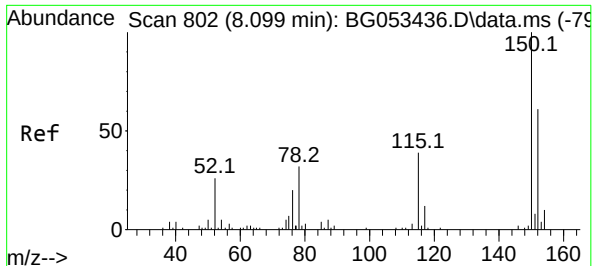
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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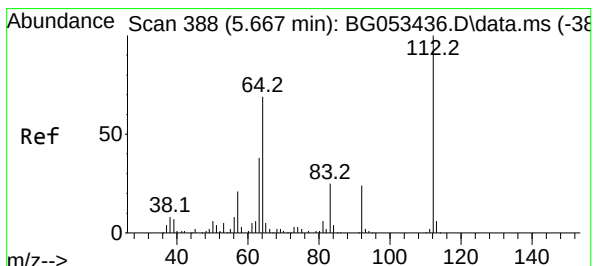
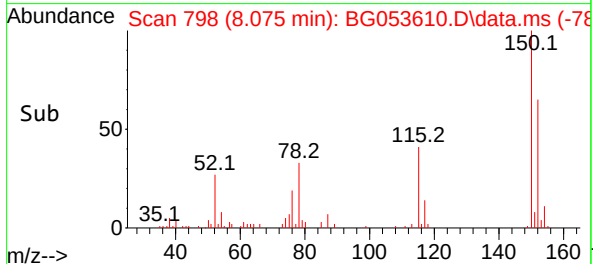
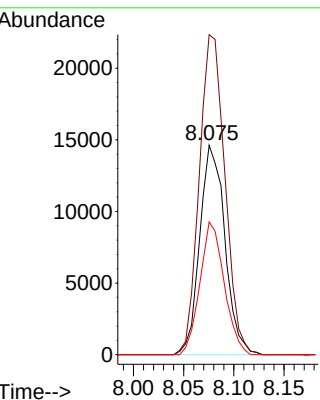
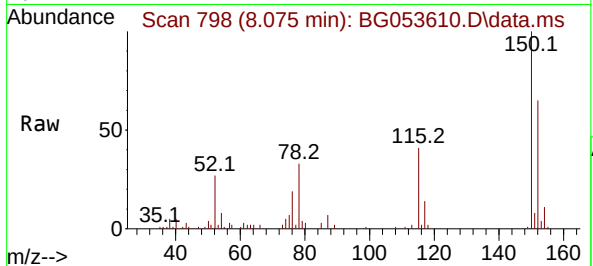




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. -0.014 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

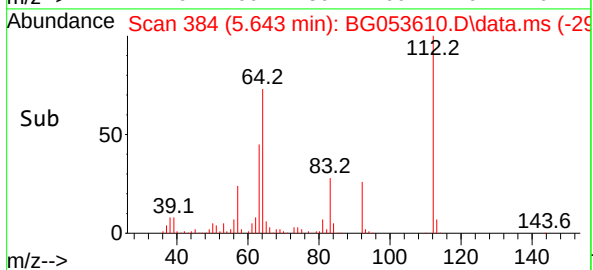
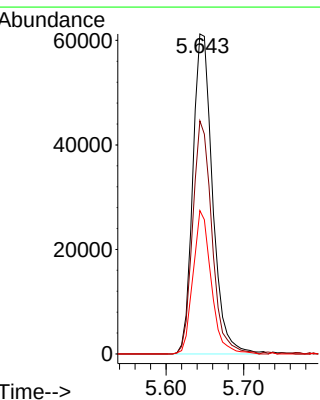
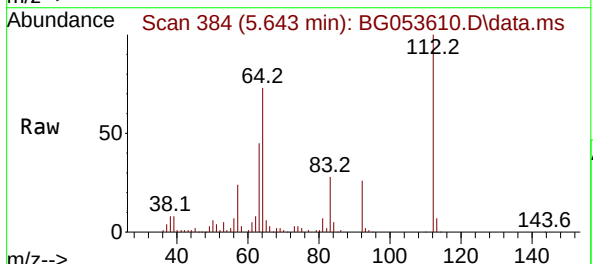
Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

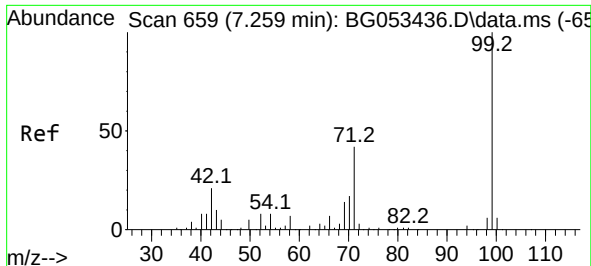
Tgt Ion:152 Resp: 25455
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 63.4 50.9 76.3



#5
2-Fluorophenol
Concen: 72.207 ng
RT: 5.643 min Scan# 384
Delta R.T. -0.008 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion:112 Resp: 108302
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 44.8 30.4 45.6

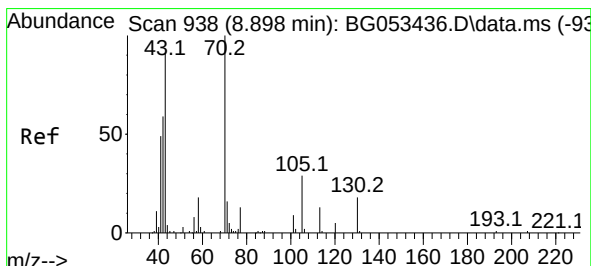
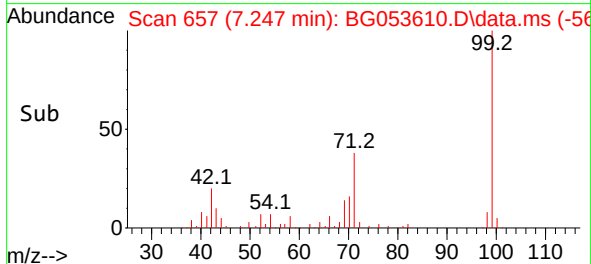
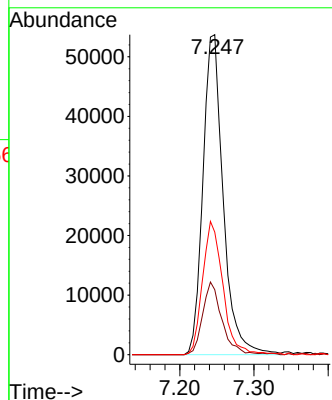
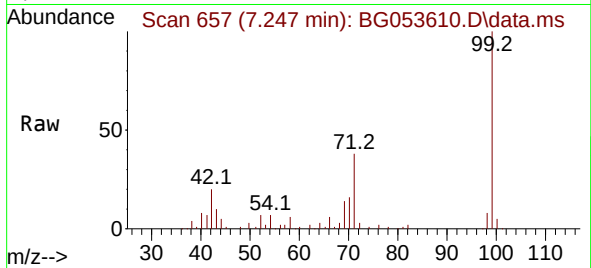




#7
Phenol-d6
Concen: 44.797 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

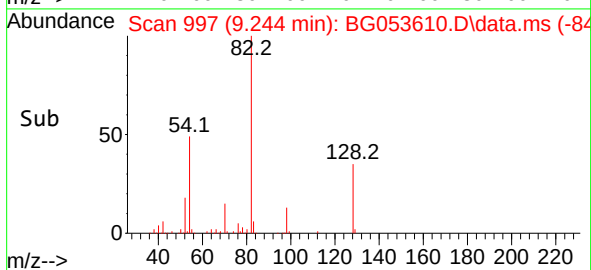
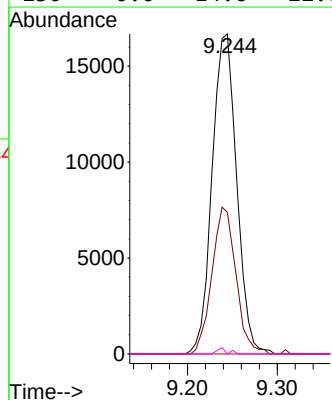
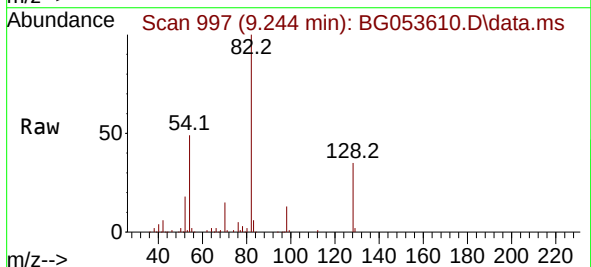
Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

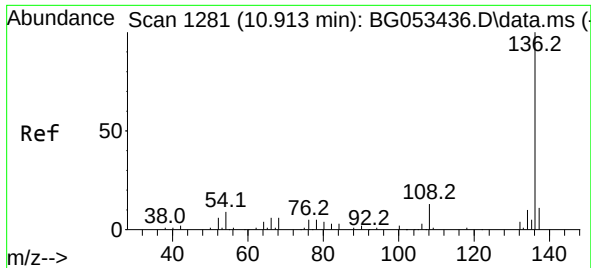
Tgt Ion: 99 Resp: 101971
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.382 ng
RT: 9.244 min Scan# 997
Delta R.T. 0.356 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion: 70 Resp: 31655
Ion Ratio Lower Upper
70 100
42 44.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

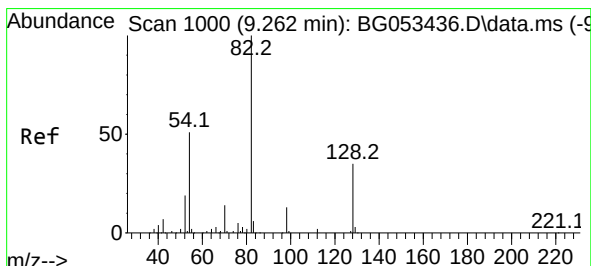
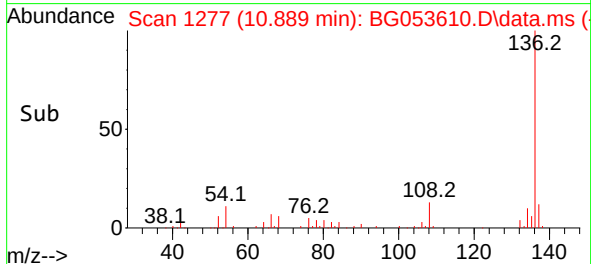
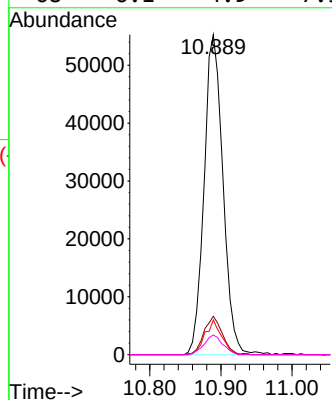
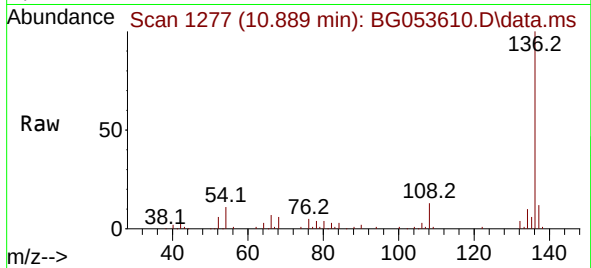




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

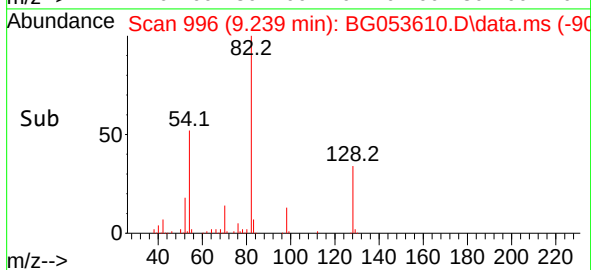
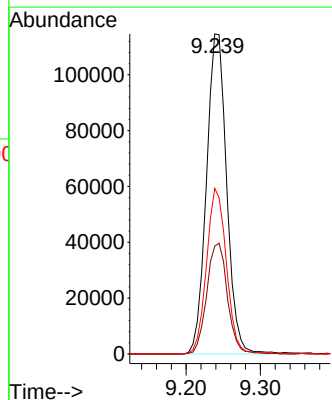
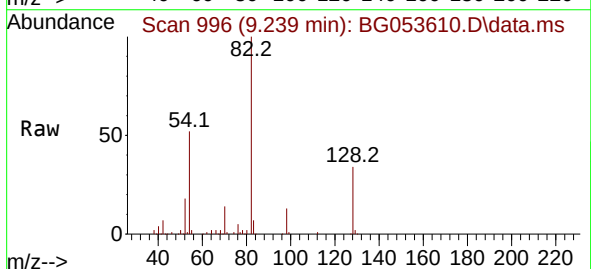
Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

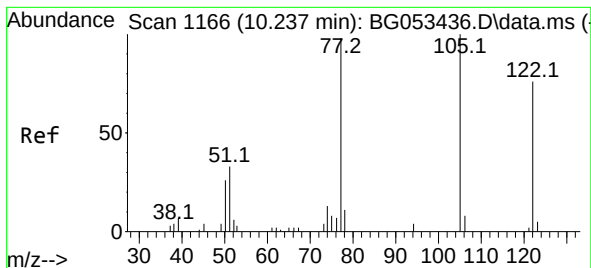
Tgt Ion:	136	Resp:	102271
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.5	12.7
54	10.9	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 90.394 ng
RT: 9.239 min Scan# 996
Delta R.T. -0.014 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion:	82	Resp:	217172
Ion Ratio	Lower	Upper	
82	100		
128	33.7	27.9	41.9
54	51.8	41.2	61.8





#32

Benzoic acid

Concen: 8.543 ng

RT: 10.449 min Scan# 1166

Delta R.T. 0.209 min

Lab File: BG053610.D

Acq: 18 May 2022 19:25

Instrument :

BNA_G

ClientSampleId :

CF-280MER-8-15

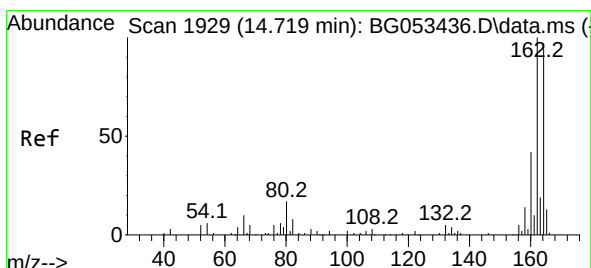
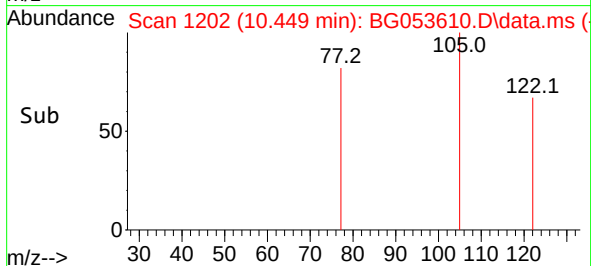
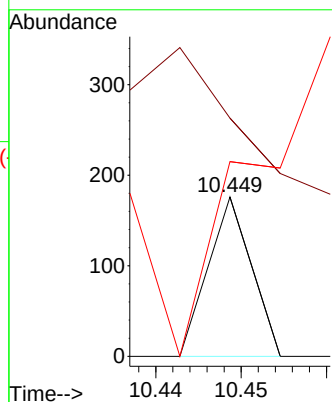
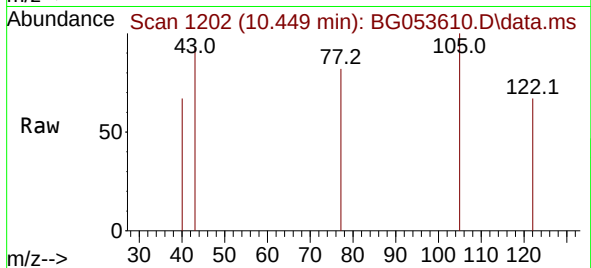
Tgt Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 149.4 111.8 151.8

77 122.2 109.4 149.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.708 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053610.D

Acq: 18 May 2022 19:25

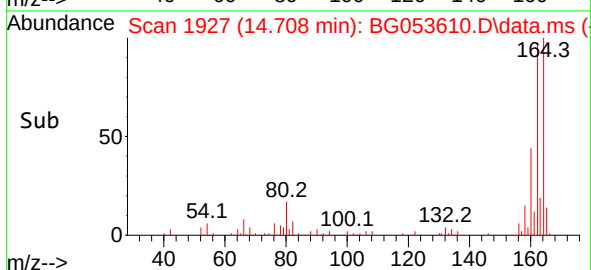
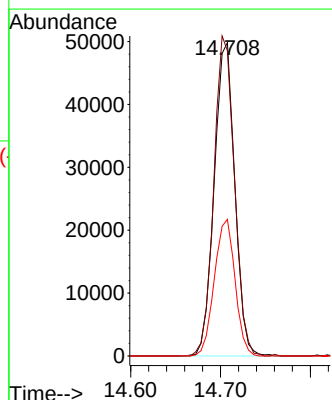
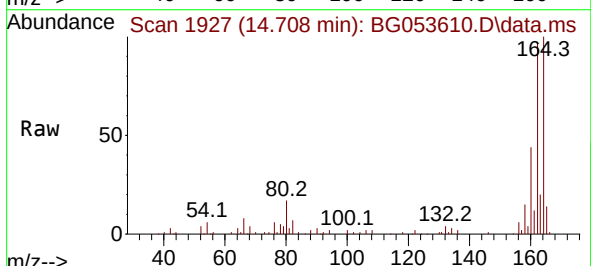
Tgt Ion:164 Resp: 79295

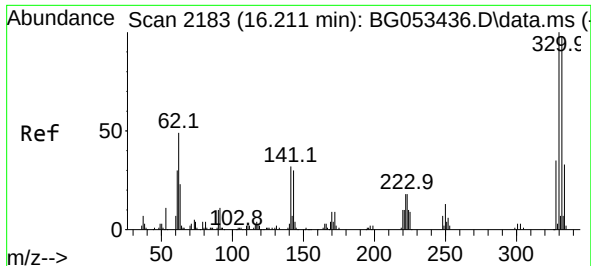
Ion Ratio Lower Upper

164 100

162 97.4 82.3 123.5

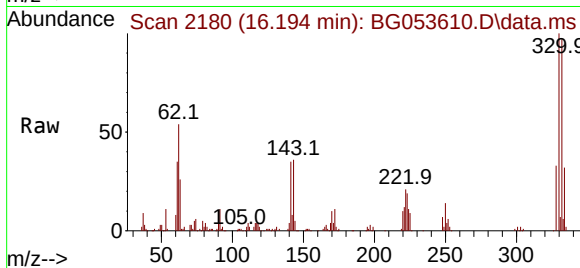
160 43.6 34.2 51.2



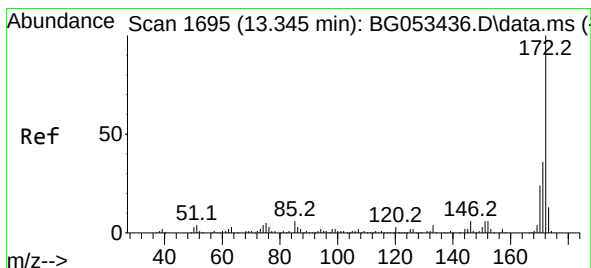
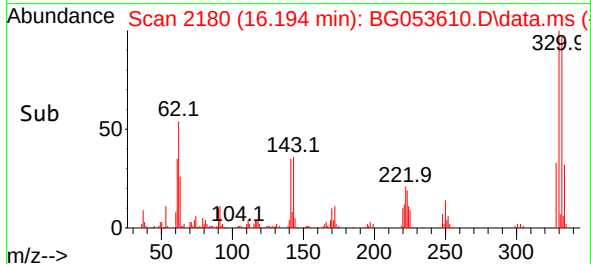
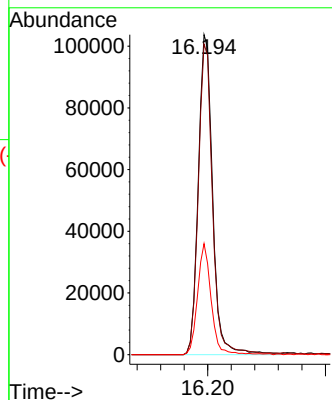


#42
2,4,6-Tribromophenol
Concen: 149.880 ng
RT: 16.194 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

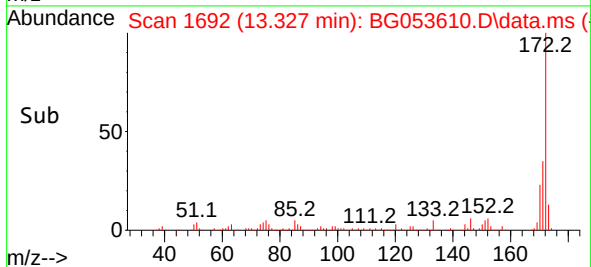
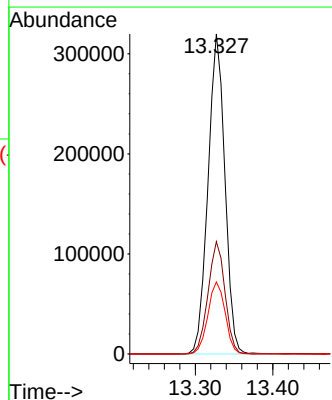
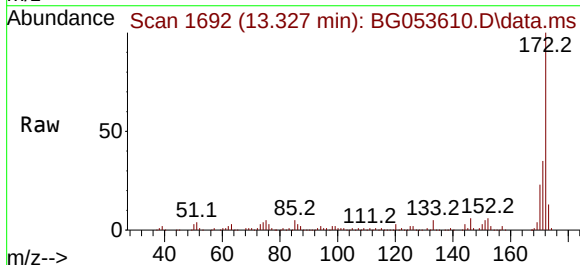


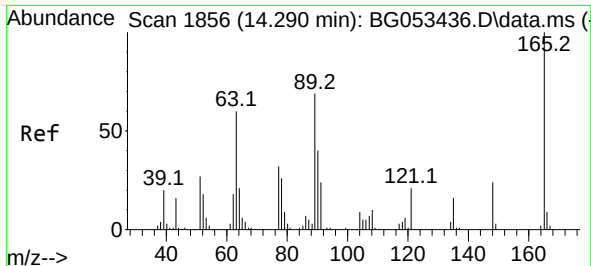
Tgt Ion:330 Resp: 175286
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 33.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 88.887 ng
RT: 13.327 min Scan# 1692
Delta R.T. -0.008 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion:172 Resp: 482337
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.5 18.9 28.3

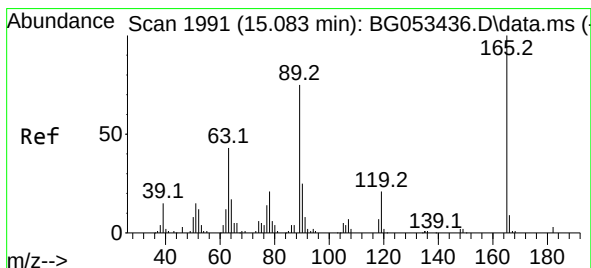
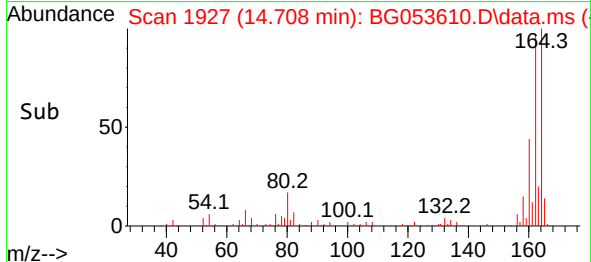
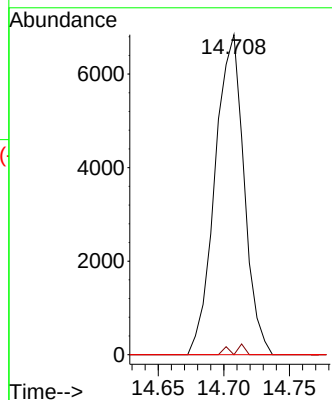
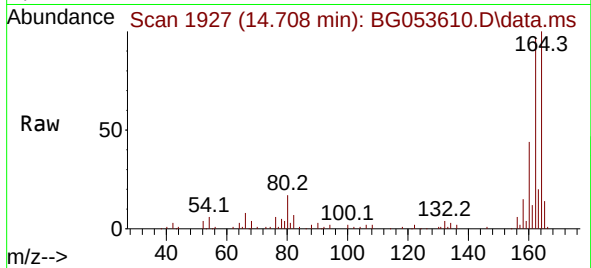




#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

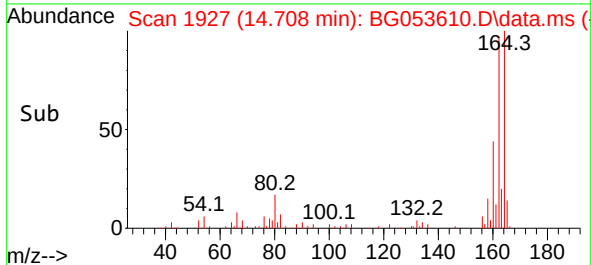
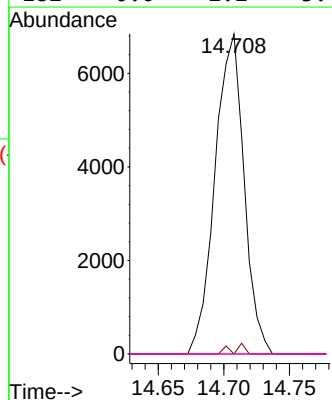
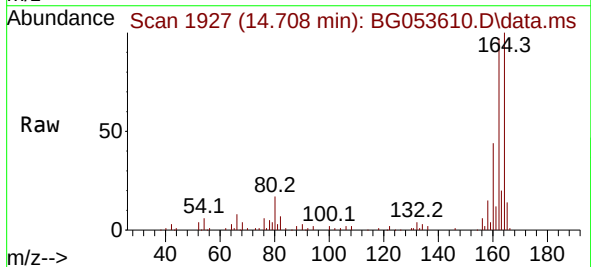
Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

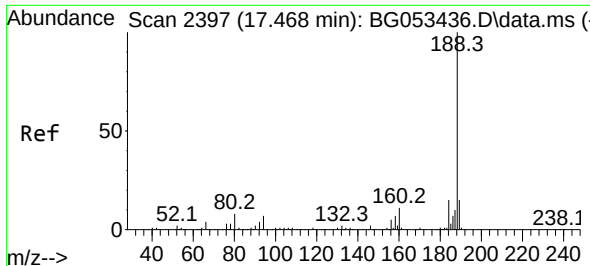
Tgt Ion:165 Resp: 10516
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.366 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion:165 Resp: 10516
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#

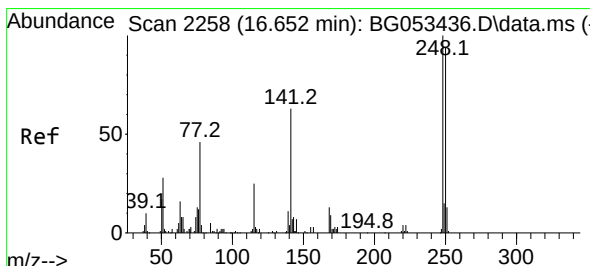
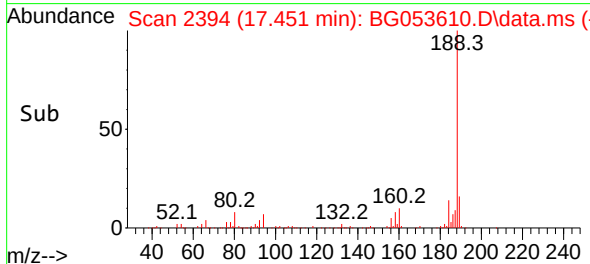
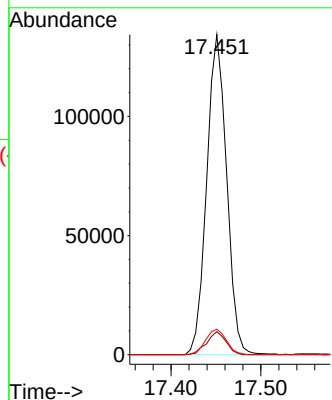
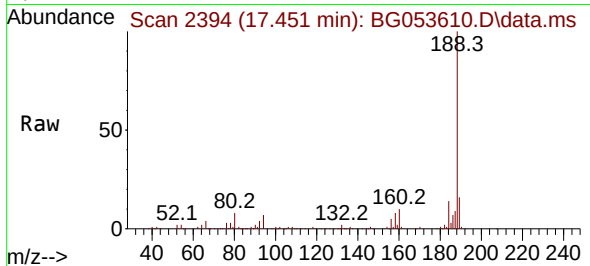




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

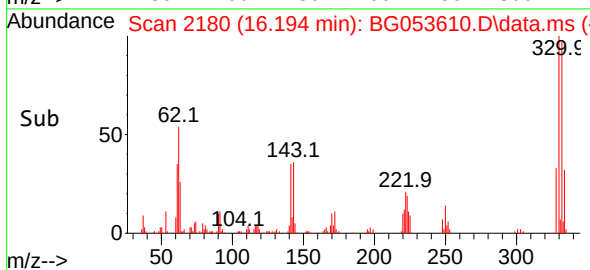
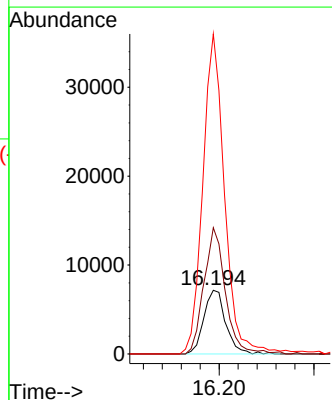
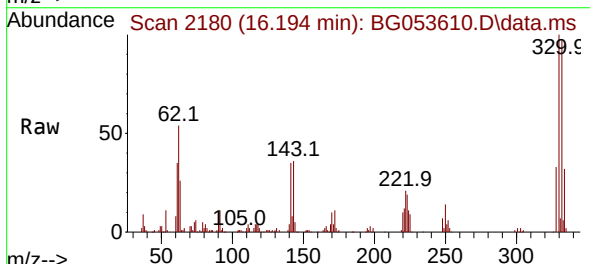
Instrument :
BNA_G
ClientSampleId :
CF-280MER-8-15

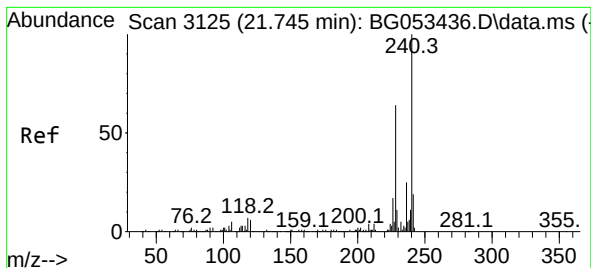
Tgt Ion:188 Resp: 207110
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.758 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053610.D
Acq: 18 May 2022 19:25

Tgt Ion:248 Resp: 11508
Ion Ratio Lower Upper
248 100
250 198.5 75.2 112.8#
141 503.0 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053610.D

Acq: 18 May 2022 19:25

Instrument :

BNA_G

ClientSampleId :

CF-280MER-8-15

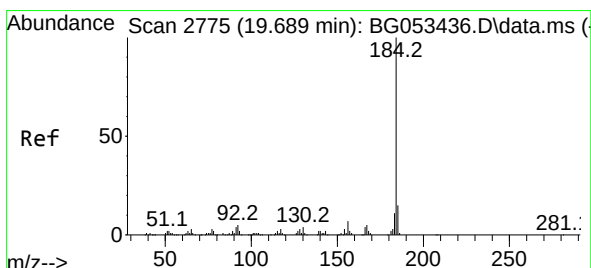
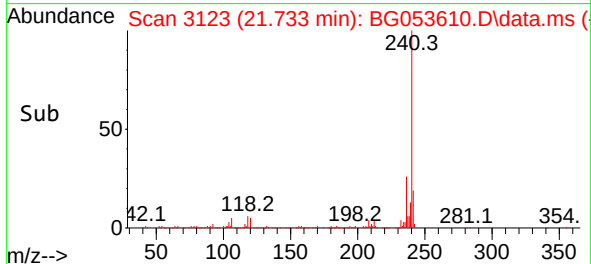
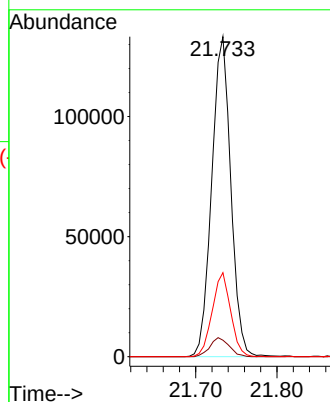
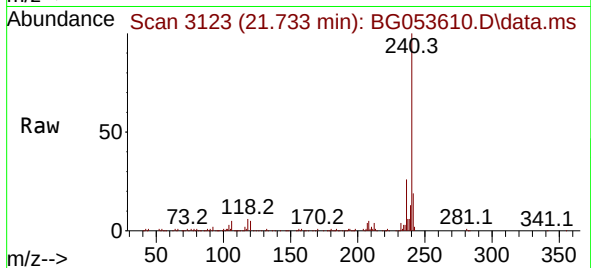
Tgt Ion:240 Resp: 217119

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

236 26.3 20.2 30.4



#77

Benzidine

Concen: 3.701 ng

RT: 20.059 min Scan# 2838

Delta R.T. 0.380 min

Lab File: BG053610.D

Acq: 18 May 2022 19:25

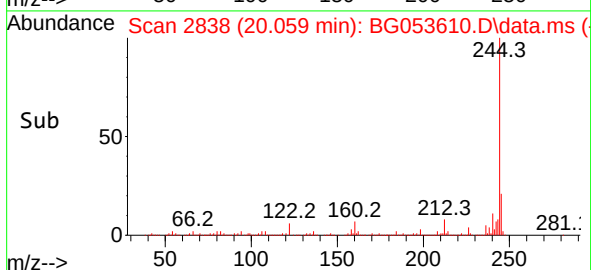
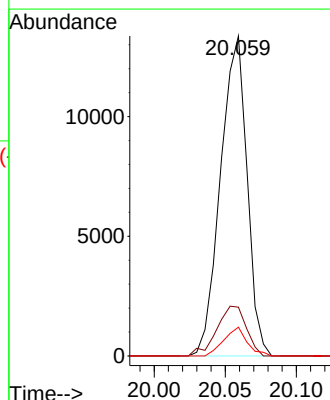
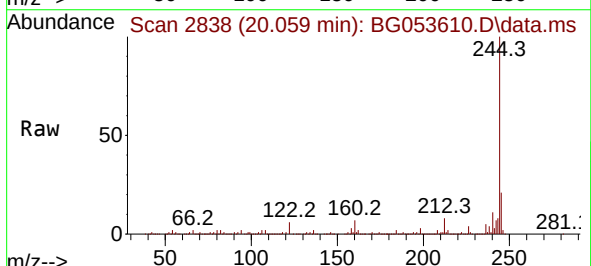
Tgt Ion:184 Resp: 17318

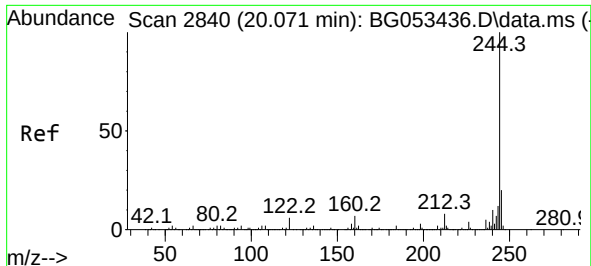
Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 9.0 8.9 13.3

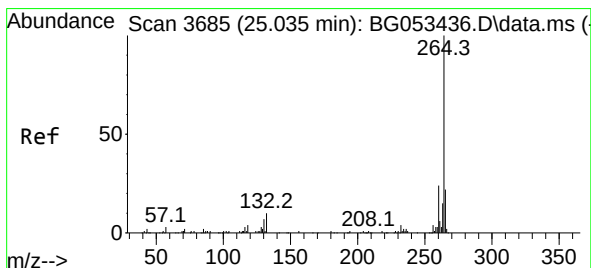
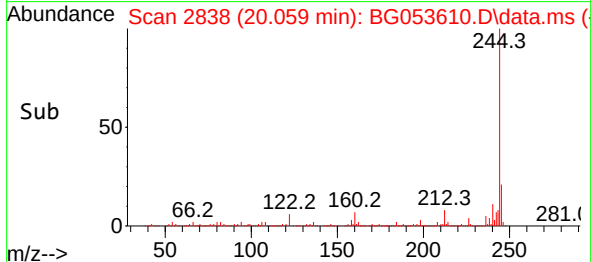
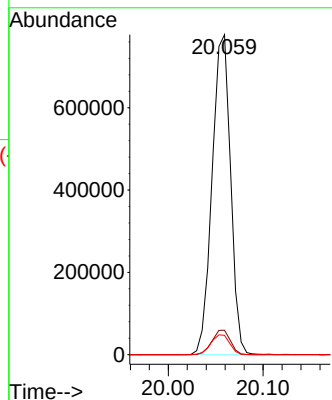
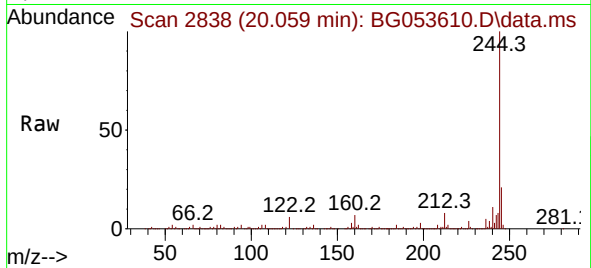




#79
 Terphenyl-d14
 Concen: 90.078 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053610.D
 Acq: 18 May 2022 19:25

Instrument :
 BNA_G
 ClientSampleId :
 CF-280MER-8-15

Tgt Ion:244 Resp: 1050088
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3680
 Delta R.T. -0.014 min
 Lab File: BG053610.D
 Acq: 18 May 2022 19:25

Tgt Ion:264 Resp: 216108
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.5 17.4 26.2

