

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053624.D
 Acq On : 19 May 2022 13:36
 Operator : CG/JU
 Sample : PB144818TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144818TB

Quant Time: May 20 03:56:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

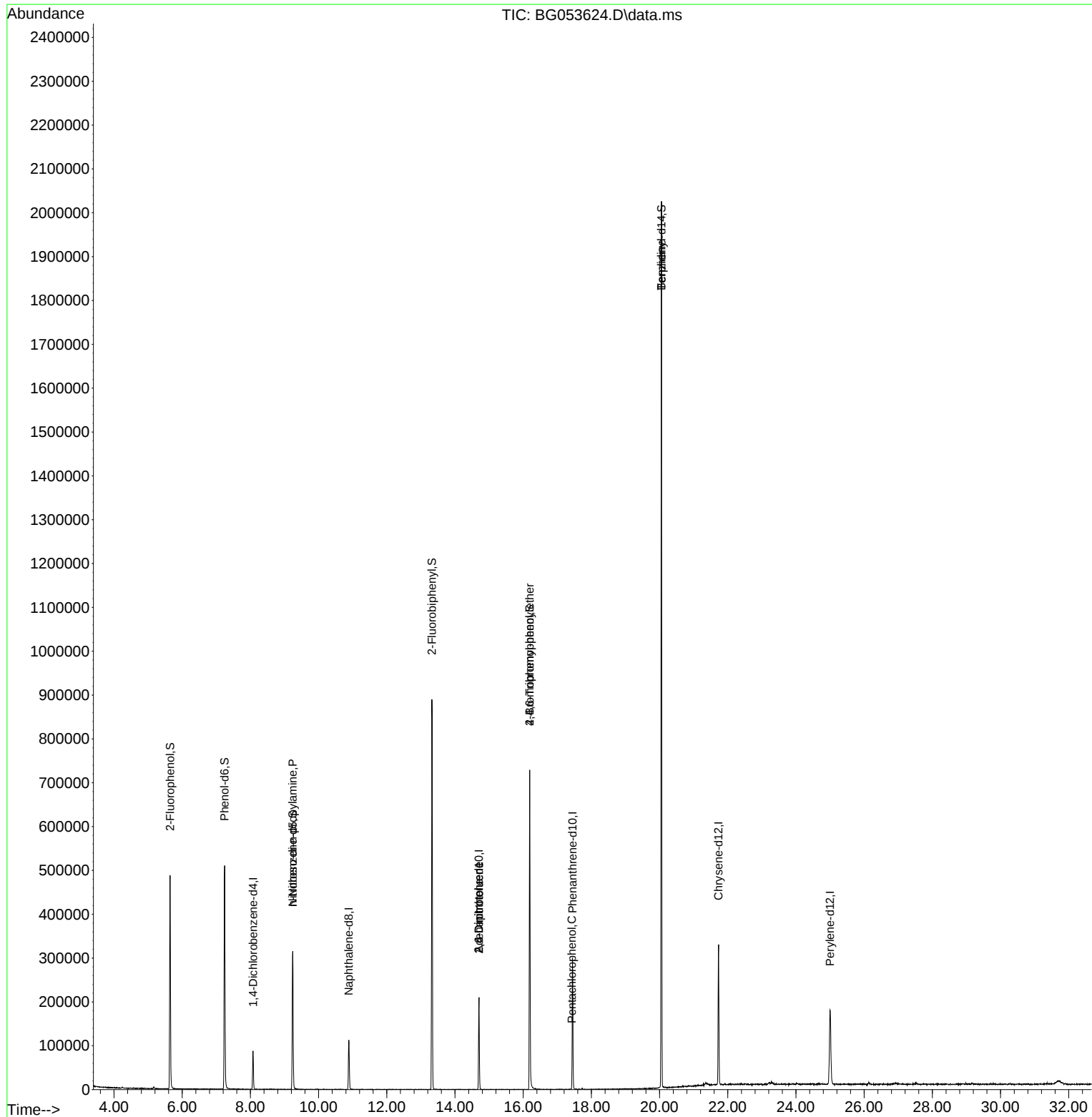
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	24808	20.000	ng	# 0.00
21) Naphthalene-d8	10.885	136	97212	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	76269	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	195073	20.000	ng	0.00
76) Chrysene-d12	21.729	240	207724	20.000	ng	0.00
86) Perylene-d12	25.001	264	202892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	201397	137.777	ng	0.00
7) Phenol-d6	7.242	99	295761	133.319	ng	0.00
23) Nitrobenzene-d5	9.240	82	205670	90.061	ng	0.00
42) 2,4,6-Tribromophenol	16.189	330	152278	135.373	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	479839	91.935	ng	0.00
79) Terphenyl-d14	20.055	244	1025057	91.907	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.240	70	29593	18.592	ng	# 74
51) 2,6-Dinitrotoluene	14.703	165	9270	7.851	ng	# 17
57) 2,4-Dinitrotoluene	14.703	165	9270	5.416	ng	# 23
67) 4-Bromophenyl-phenylether	16.189	248	10070	4.420	ng	# 1
70) Pentachlorophenol	17.429	266	61	4.693	ng	# 16
77) Benzidine	20.055	184	16880	3.770	ng	# 92

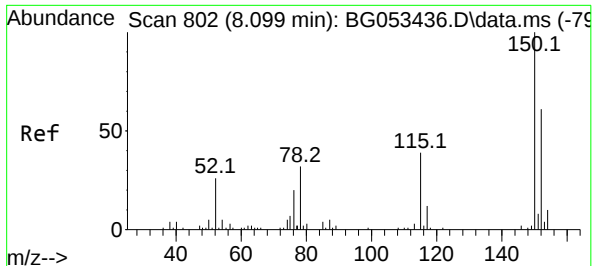
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
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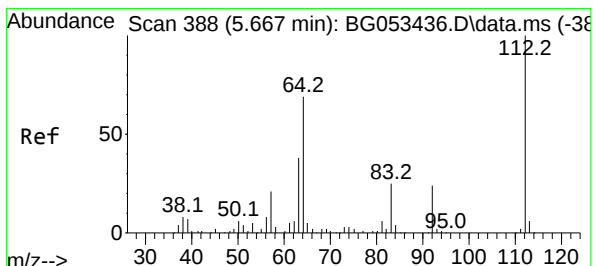
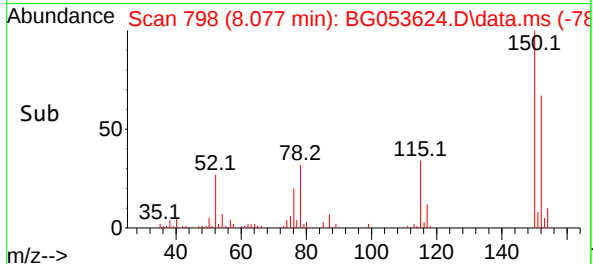
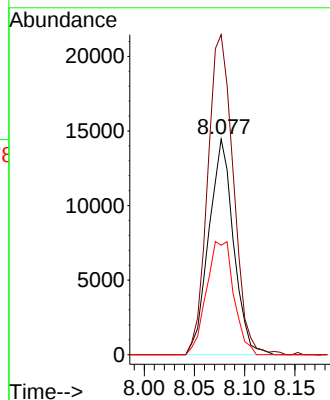
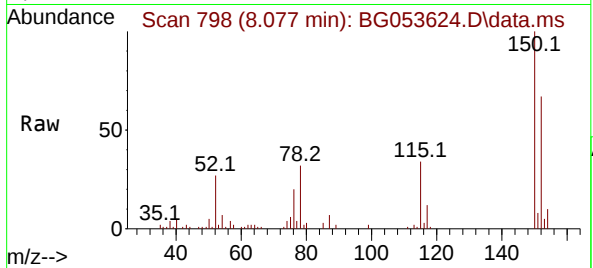




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.077 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

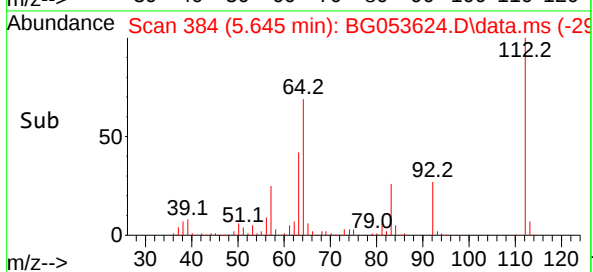
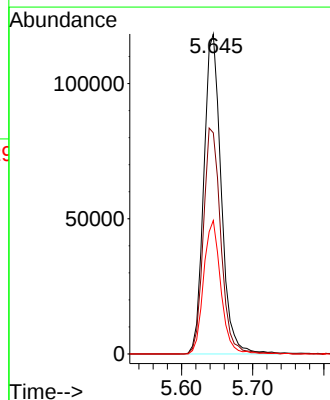
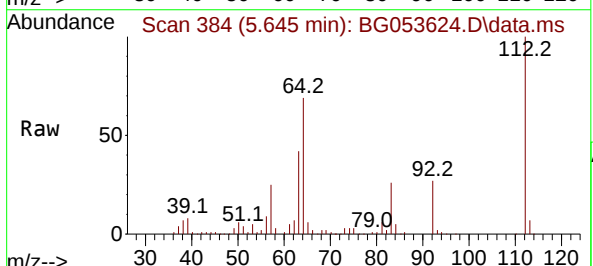
Instrument :
BNA_G
ClientSampleId :
PB144818TB

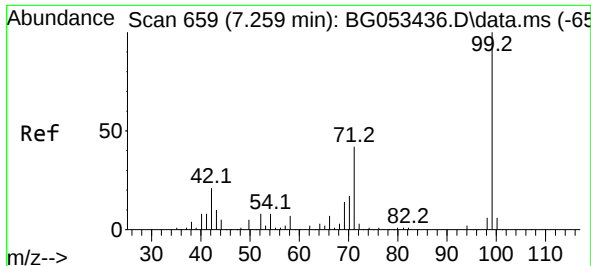
Tgt Ion:152 Resp: 24808
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 50.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 137.777 ng
RT: 5.645 min Scan# 384
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:112 Resp: 201397
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 41.7 30.4 45.6

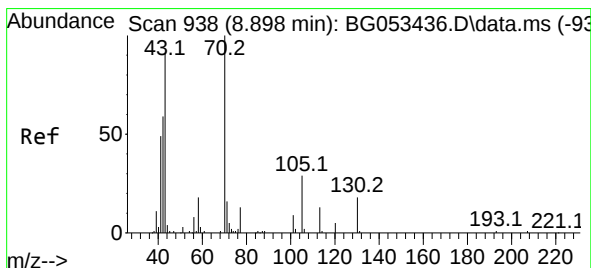
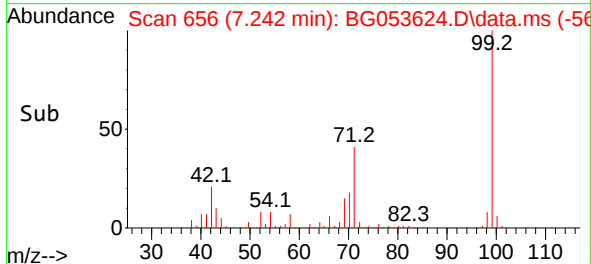
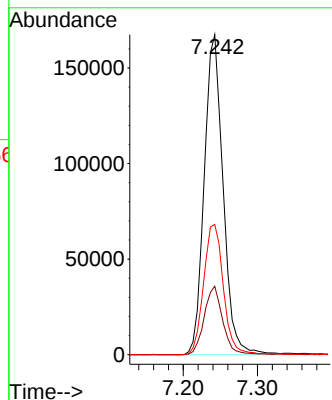
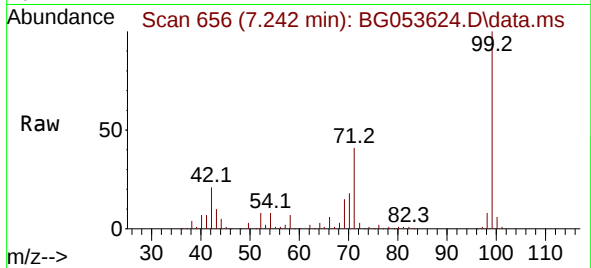




#7
Phenol-d6
Concen: 133.319 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

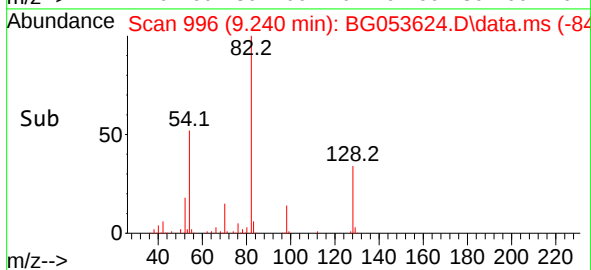
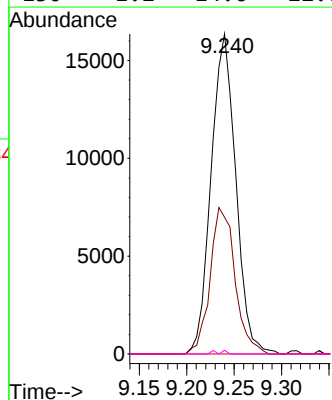
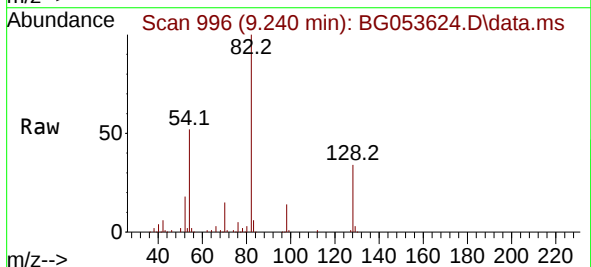
Instrument :
BNA_G
ClientSampleId :
PB144818TB

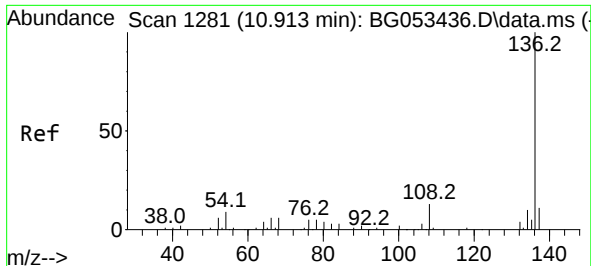
Tgt Ion: 99 Resp: 295761
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 40.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.592 ng
RT: 9.240 min Scan# 996
Delta R.T. 0.360 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion: 70 Resp: 29593
Ion Ratio Lower Upper
70 100
42 42.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#

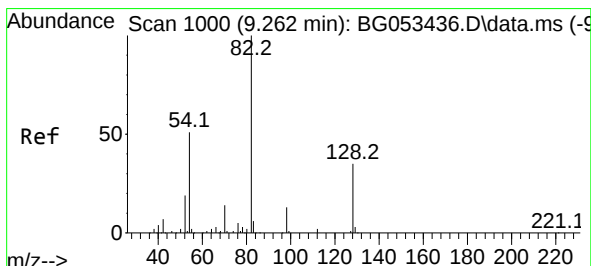
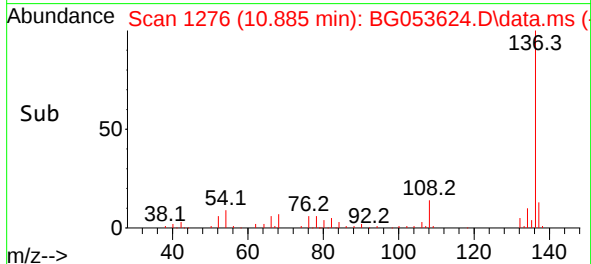
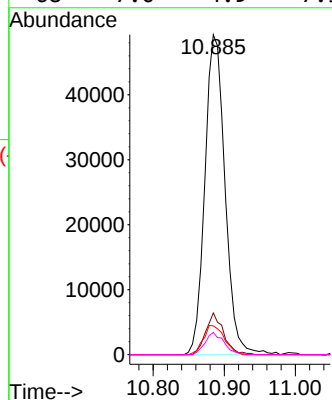
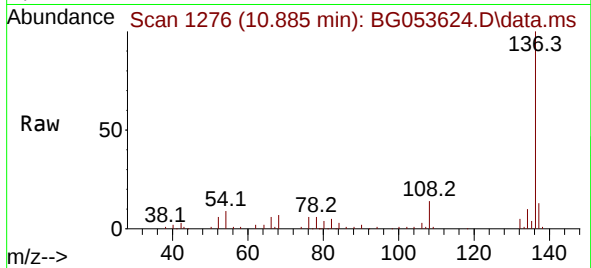




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

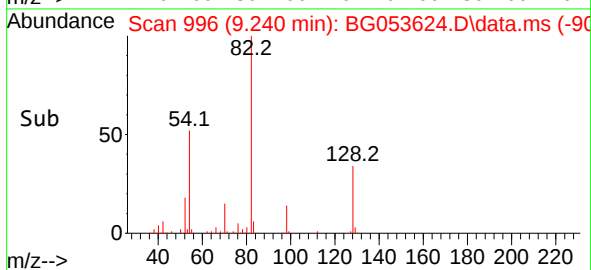
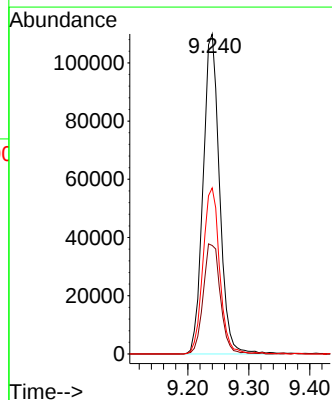
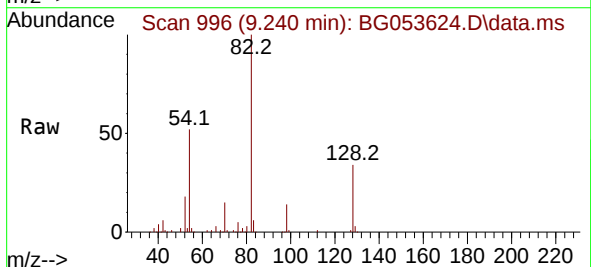
Instrument :
BNA_G
ClientSampleId :
PB144818TB

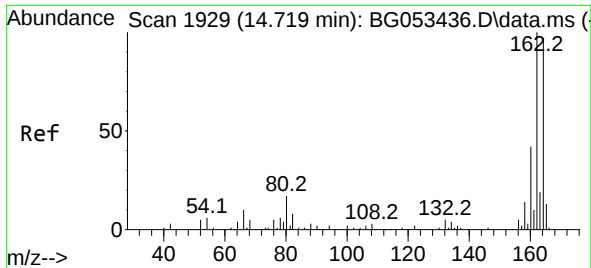
Tgt Ion:136 Resp: 97212
Ion Ratio Lower Upper
136 100
137 13.1 8.5 12.7#
54 9.0 7.4 11.2
68 7.0 4.9 7.3



#23
Nitrobenzene-d5
Concen: 90.061 ng
RT: 9.240 min Scan# 996
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion: 82 Resp: 205670
Ion Ratio Lower Upper
82 100
128 33.9 27.9 41.9
54 51.9 41.2 61.8

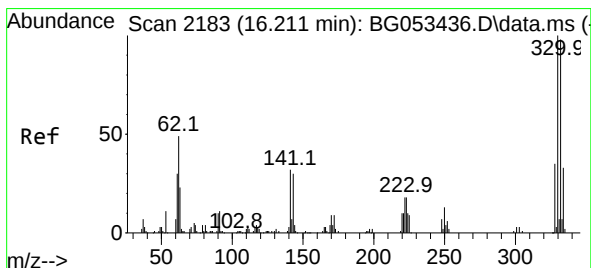
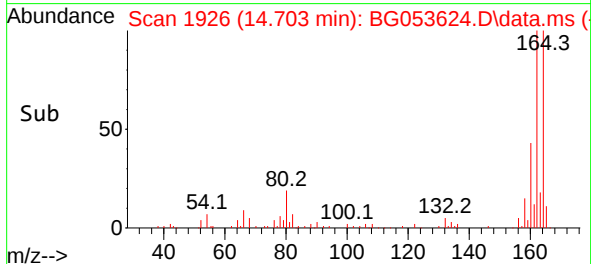
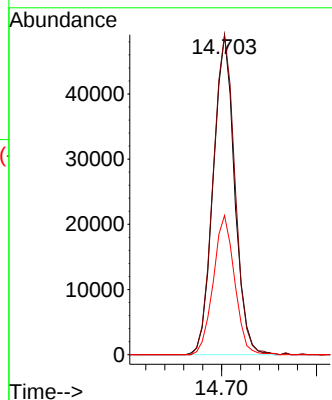
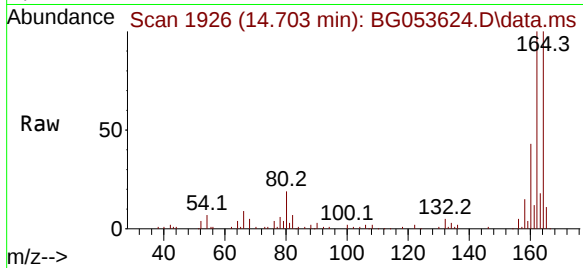




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

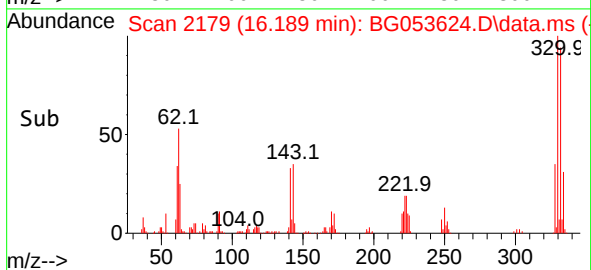
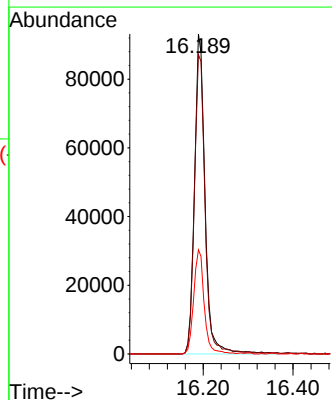
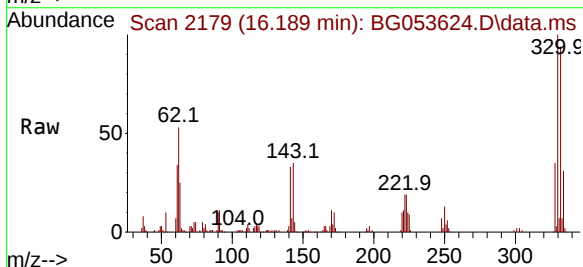
Instrument :
BNA_G
ClientSampleId :
PB144818TB

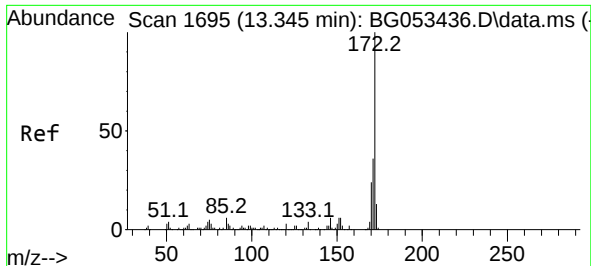
Tgt Ion:164 Resp: 76269
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 43.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 135.373 ng
RT: 16.189 min Scan# 2179
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:330 Resp: 152278
Ion Ratio Lower Upper
330 100
332 94.0 76.0 114.0
141 32.3 27.1 40.7

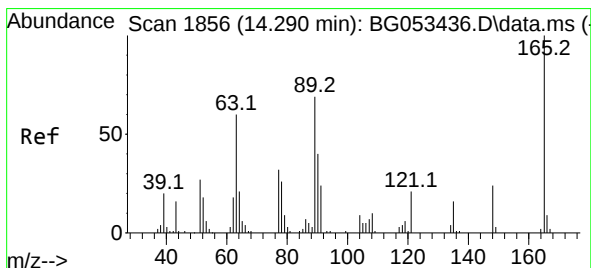
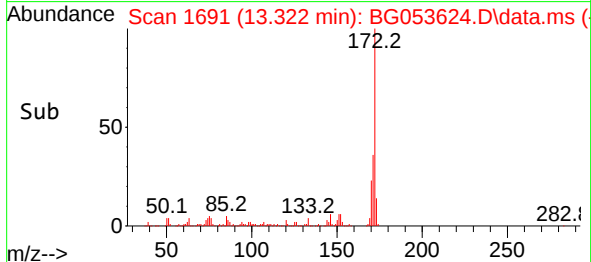
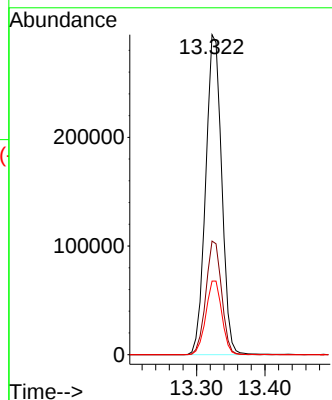
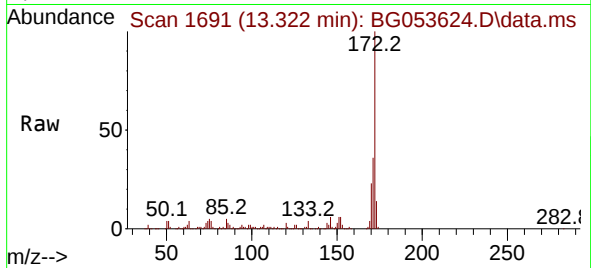




#45
2-Fluorobiphenyl
Concen: 91.935 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

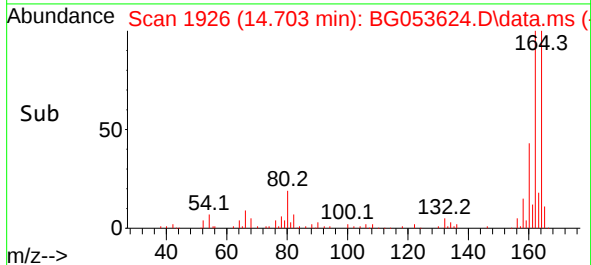
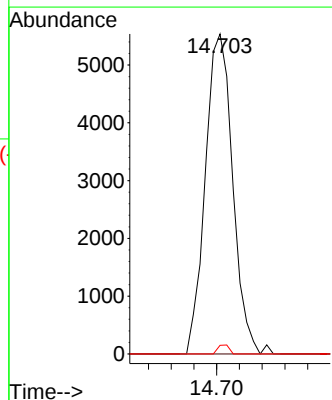
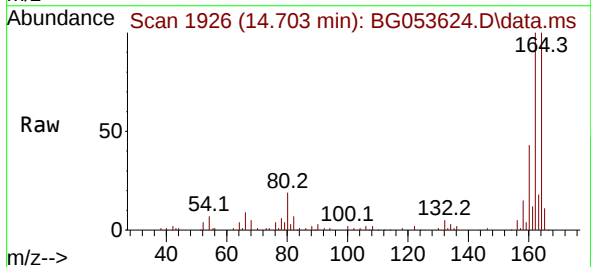
Instrument :
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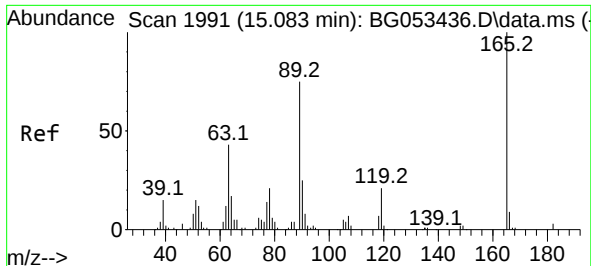
Tgt Ion:172 Resp: 479839
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.851 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.430 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:165 Resp: 9270
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.7 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.416 ng

RT: 14.703 min Scan# 1991

Delta R.T. -0.363 min

Lab File: BG053624.D

Acq: 19 May 2022 13:36

Instrument :

BNA_G

ClientSampleId :

PB144818TB

Tgt Ion:165 Resp: 9270

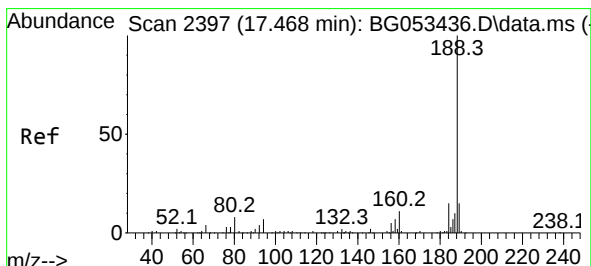
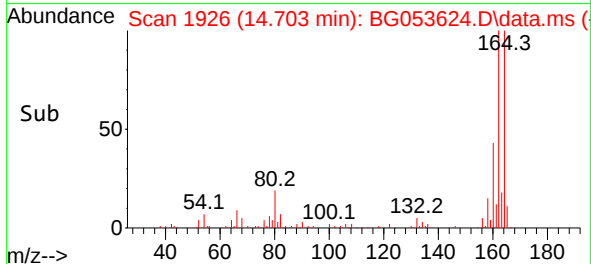
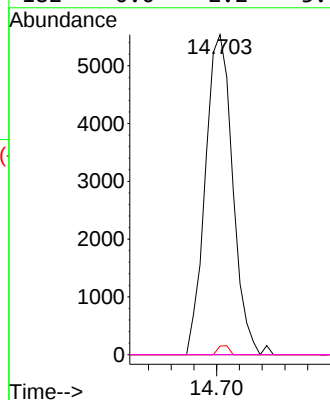
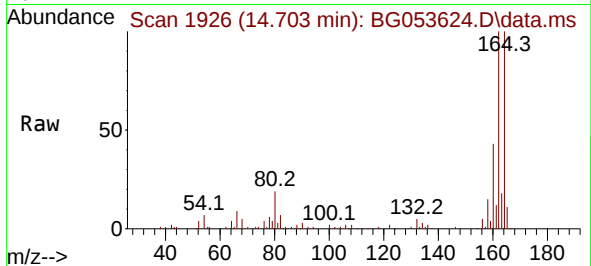
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.7 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.446 min Scan# 2393

Delta R.T. -0.004 min

Lab File: BG053624.D

Acq: 19 May 2022 13:36

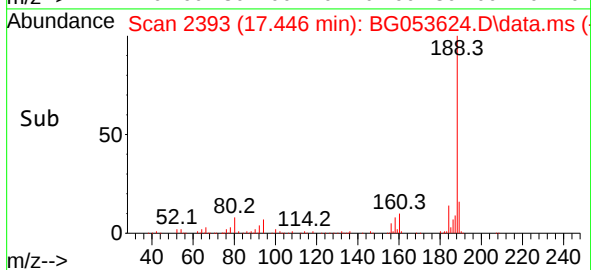
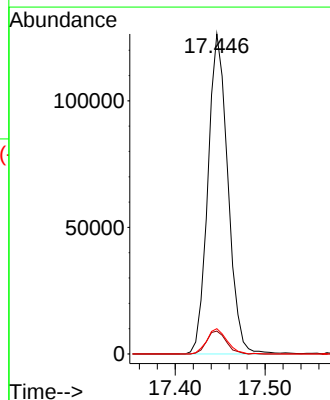
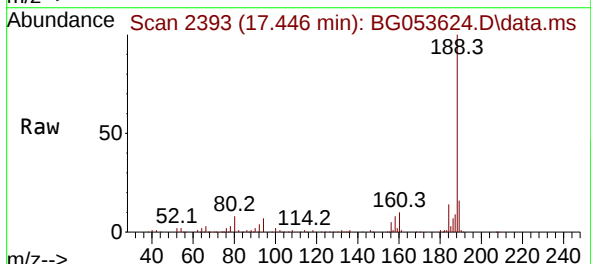
Tgt Ion:188 Resp: 195073

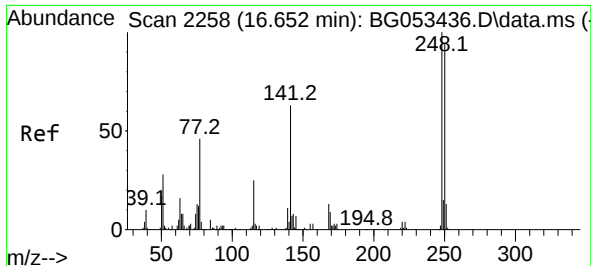
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

80 7.9 6.8 10.2

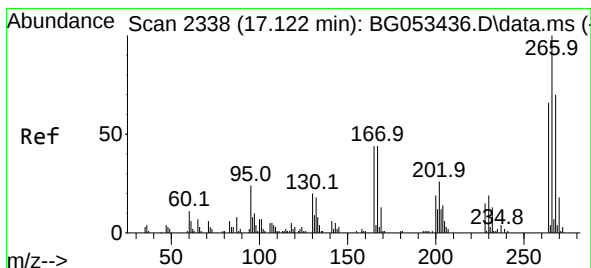
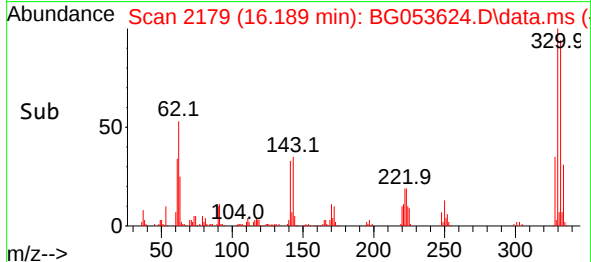
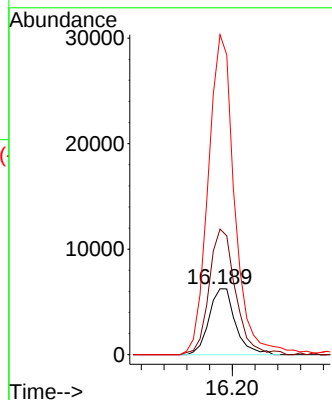
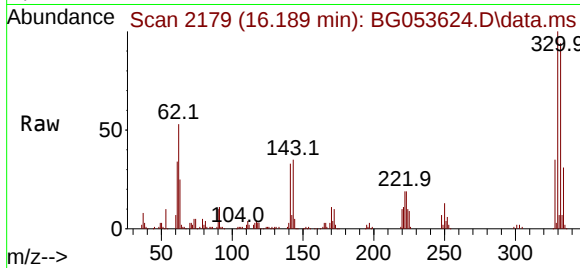




#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.189 min Scan# 2179
Delta R.T. -0.439 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

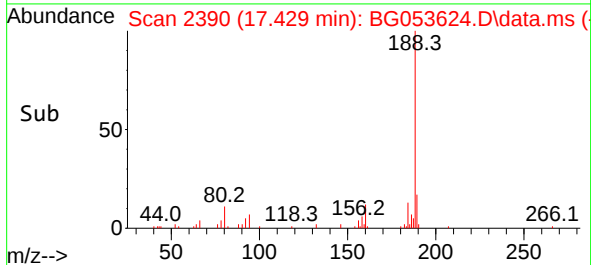
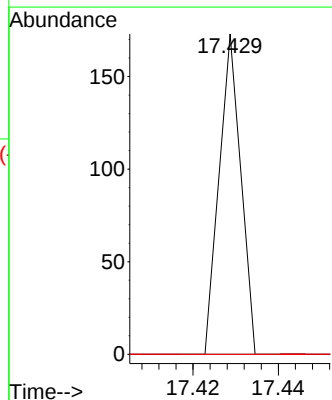
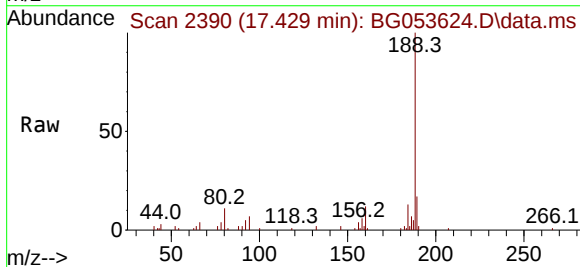
Instrument :
BNA_G
ClientSampleId :
PB144818TB

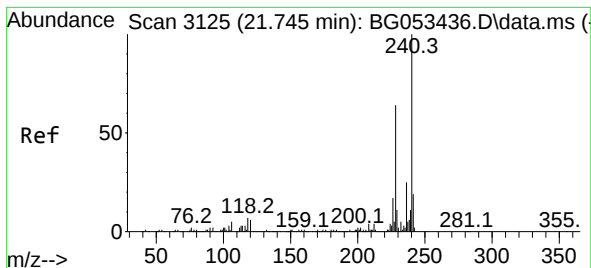
Tgt Ion:248 Resp: 10070
Ion Ratio Lower Upper
248 100
250 190.5 75.2 112.8#
141 485.2 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.693 ng
RT: 17.429 min Scan# 2390
Delta R.T. 0.319 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:266 Resp: 61
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: 21.729 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG053624.D

Acq: 19 May 2022 13:36

Instrument :

BNA_G

ClientSampleId :

PB144818TB

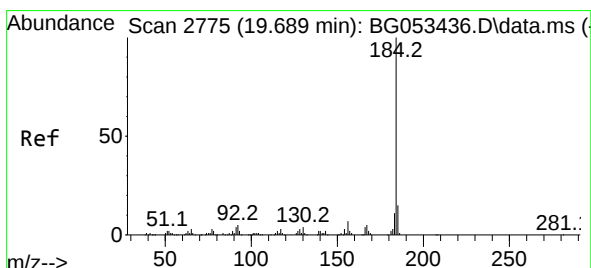
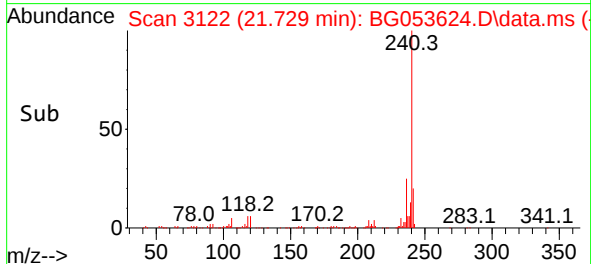
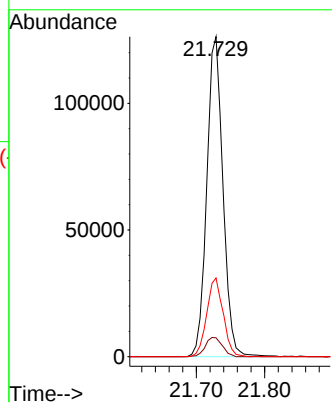
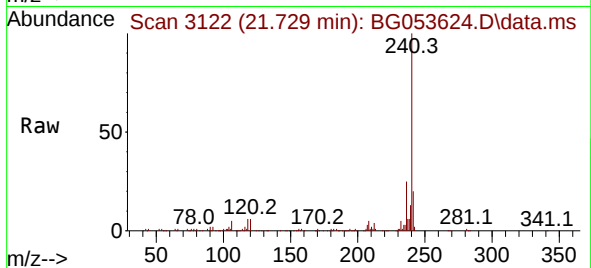
Tgt Ion:240 Resp: 207724

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

236 24.6 20.2 30.4



#77

Benzidine

Concen: 3.770 ng

RT: 20.055 min Scan# 2837

Delta R.T. 0.383 min

Lab File: BG053624.D

Acq: 19 May 2022 13:36

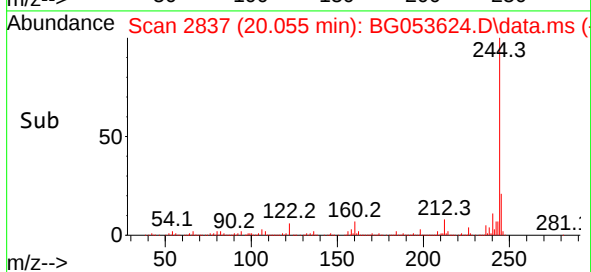
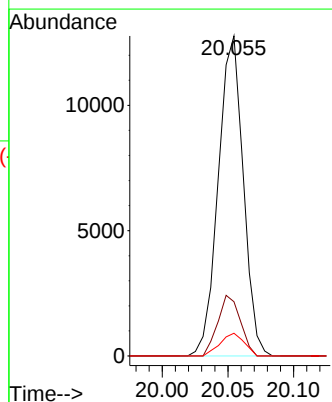
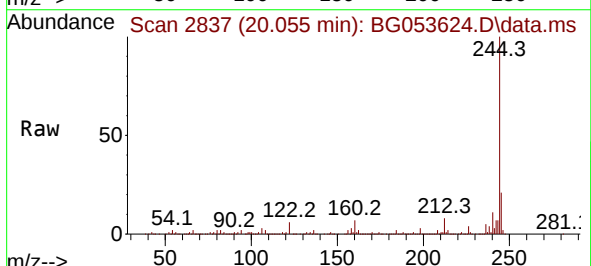
Tgt Ion:184 Resp: 16880

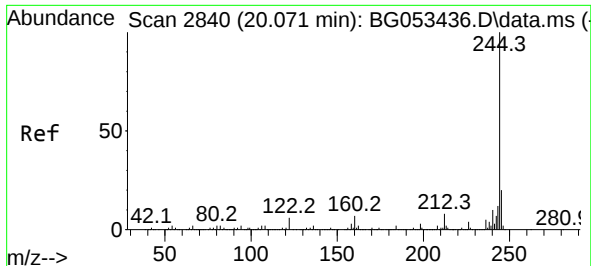
Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.6

183 7.1 8.9 13.3#

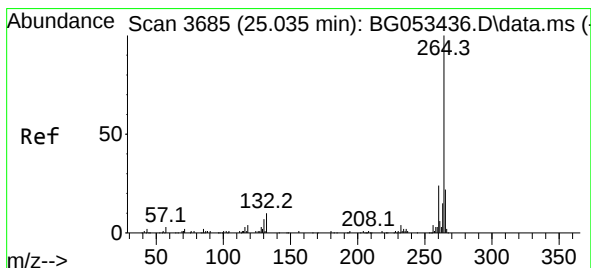
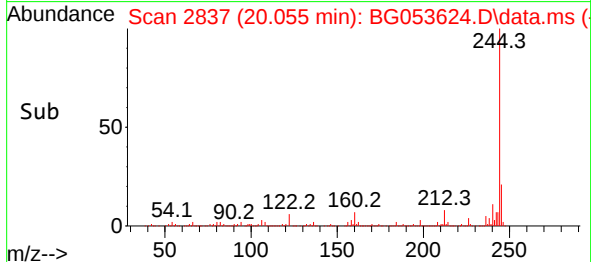
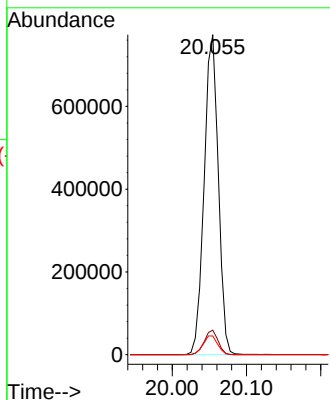
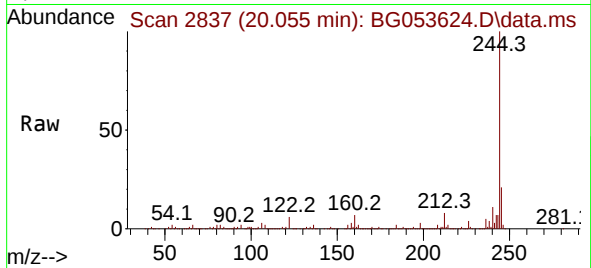




#79
 Terphenyl-d14
 Concen: 91.907 ng
 RT: 20.055 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053624.D
 Acq: 19 May 2022 13:36

Instrument :
 BNA_G
 ClientSampleId :
 PB144818TB

Tgt Ion:244 Resp: 1025057
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3679
 Delta R.T. -0.004 min
 Lab File: BG053624.D
 Acq: 19 May 2022 13:36

Tgt Ion:264 Resp: 202892
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.1 17.4 26.2

