

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054759.D
 Acq On : 26 Aug 2022 17:22
 Operator : CG/JU
 Sample : N4371-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4127

Quant Time: Aug 27 02:15:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

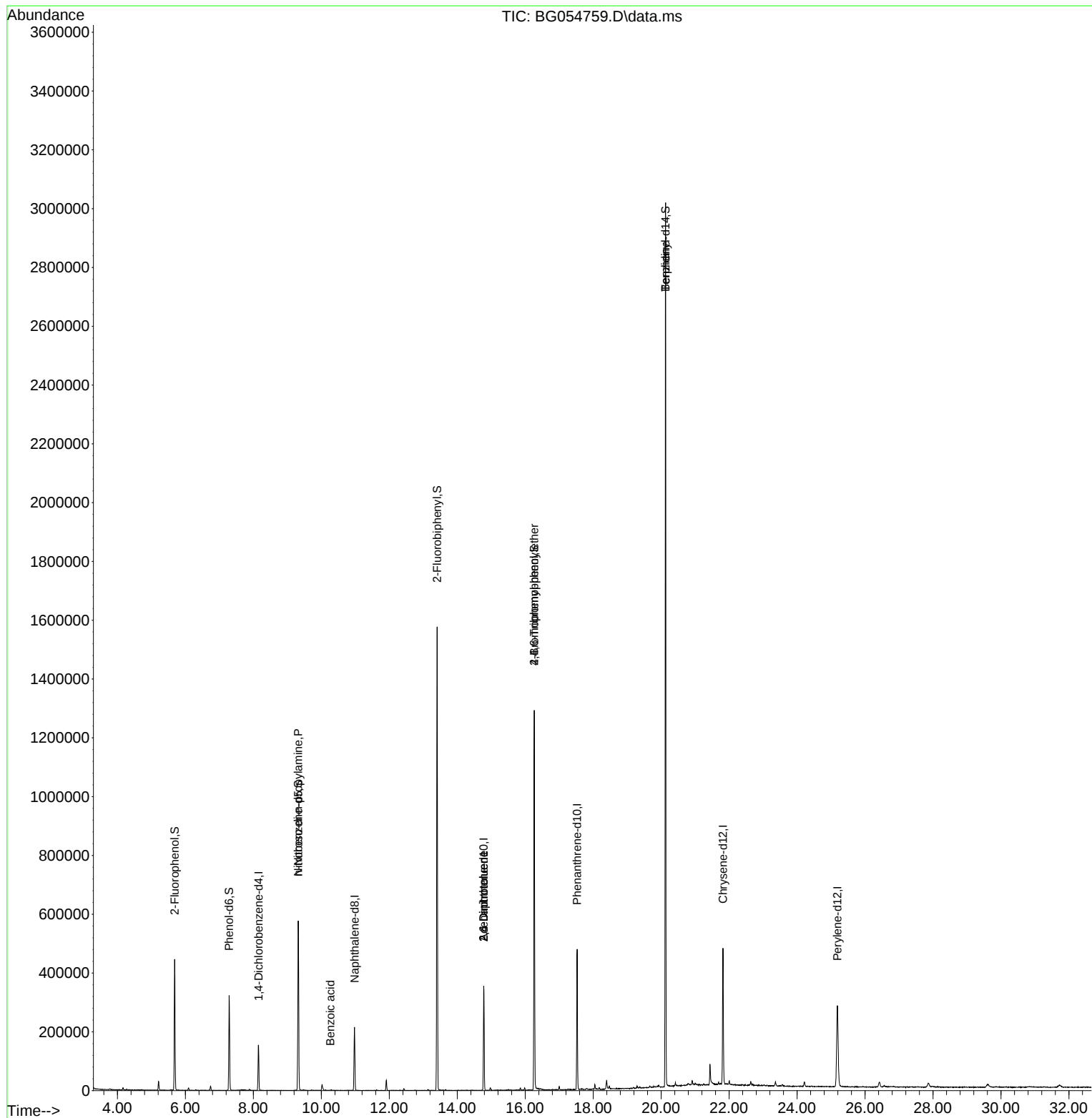
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	46824	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	194646	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	131873	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	307019	20.000	ng	0.00
76) Chrysene-d12	21.819	240	292534	20.000	ng	0.00
86) Perylene-d12	25.186	264	305359	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	203931	75.841	ng	0.00
7) Phenol-d6	7.289	99	195969	53.291	ng	0.00
23) Nitrobenzene-d5	9.322	82	364350	98.266	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	261683	158.804	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	870721	99.240	ng	0.00
79) Terphenyl-d14	20.133	244	1497646	101.438	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.322	70	46498	18.387	ng	# 81
32) Benzoic acid	10.268	122	151	7.871	ng	# 47
51) 2,6-Dinitrotoluene	14.780	165	17245	8.299	ng	# 23
57) 2,4-Dinitrotoluene	14.780	165	17245	6.000	ng	# 20
67) 4-Bromophenyl-phenylether	16.267	248	16803	4.985	ng	# 1
77) Benzidine	20.127	184	24184	3.338	ng	# 90

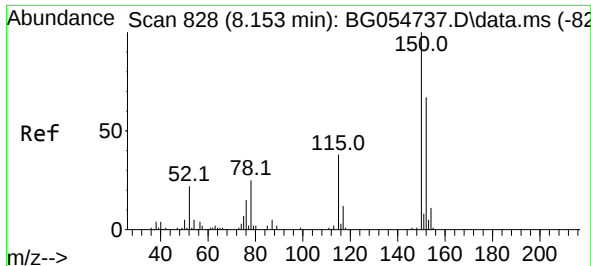
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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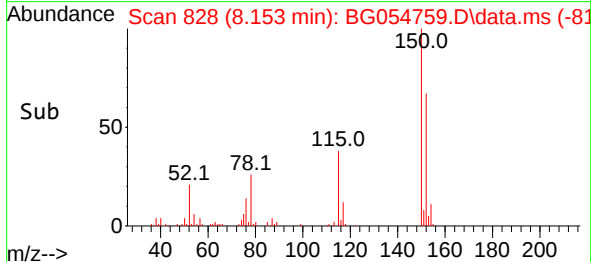
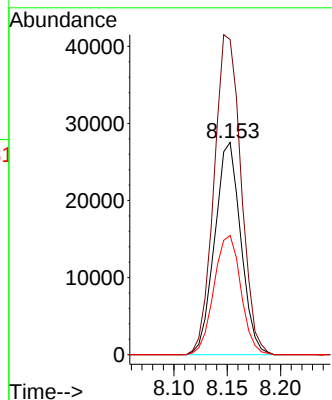
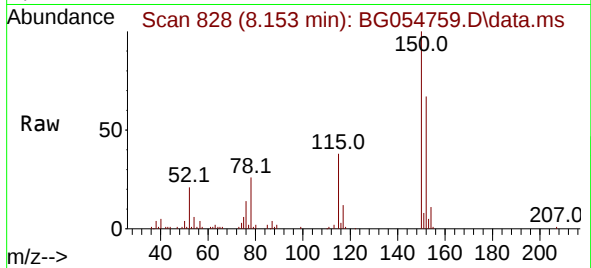




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

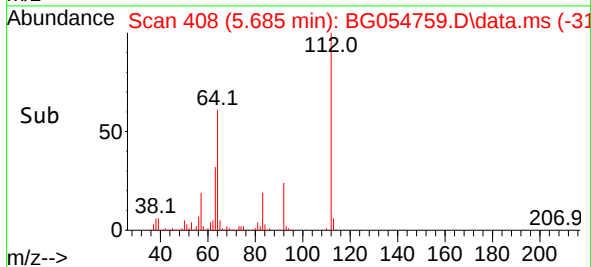
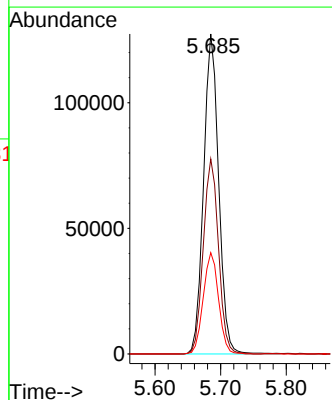
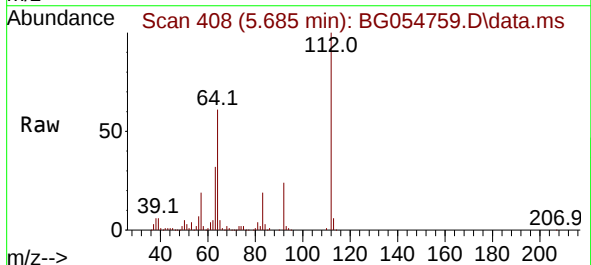
Instrument :
BNA_G
ClientSampleId :
A4127

Tgt Ion:152 Resp: 46824
Ion Ratio Lower Upper
152 100
150 148.5 125.2 187.8
115 56.2 47.9 71.9



#5
2-Fluorophenol
Concen: 75.841 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:112 Resp: 203931
Ion Ratio Lower Upper
112 100
64 61.0 49.3 73.9
63 31.7 26.3 39.5

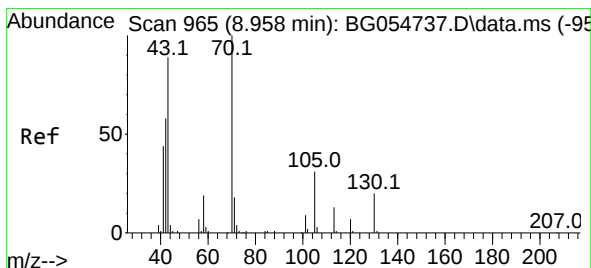
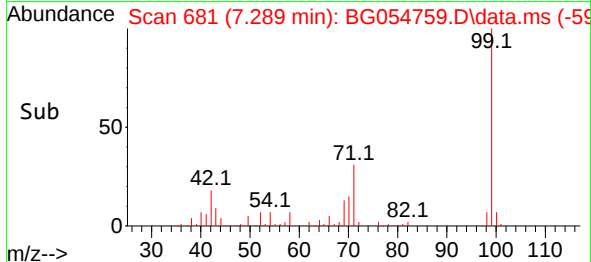
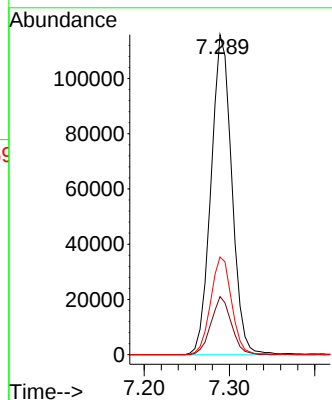
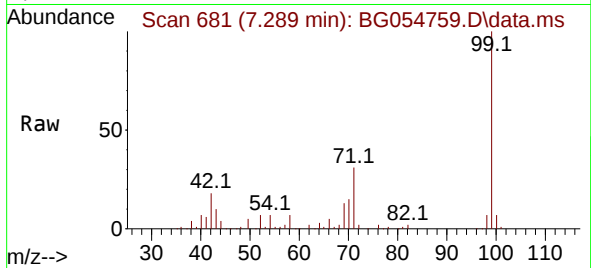




#7
Phenol-d6
Concen: 53.291 ng
RT: 7.289 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

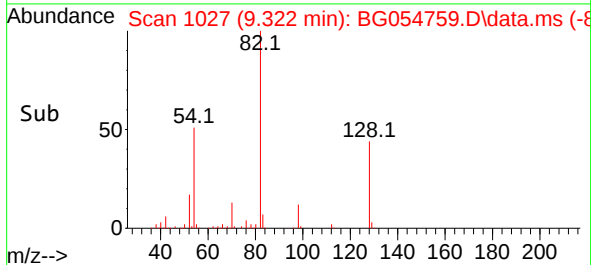
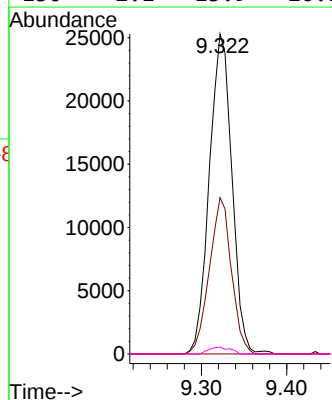
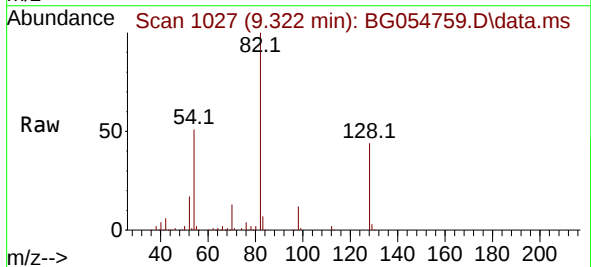
Instrument :
BNA_G
ClientSampleId :
A4127

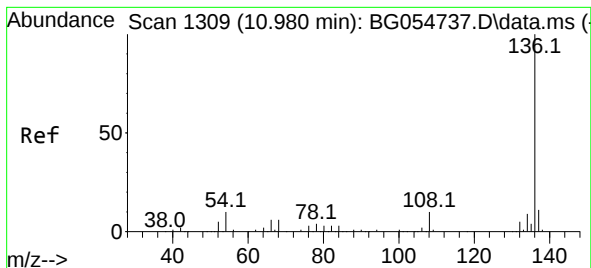
Tgt Ion: 99 Resp: 195969
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 30.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.387 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion: 70 Resp: 46498
Ion Ratio Lower Upper
70 100
42 48.9 46.6 69.8
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.979 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

Tgt Ion:136 Resp: 194646

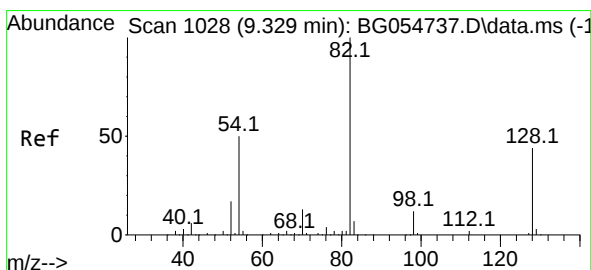
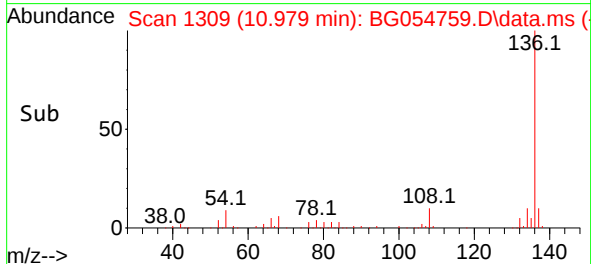
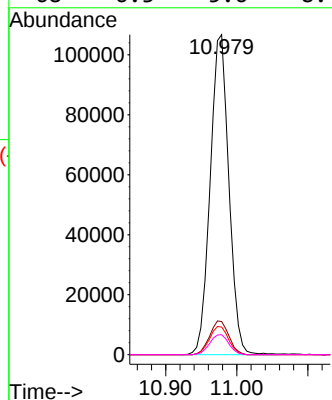
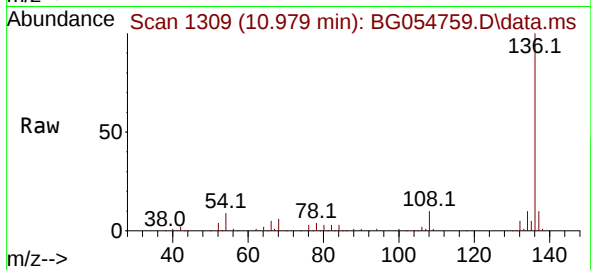
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 8.7 7.7 11.5

68 6.3 5.6 8.4



#23

Nitrobenzene-d5

Concen: 98.266 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

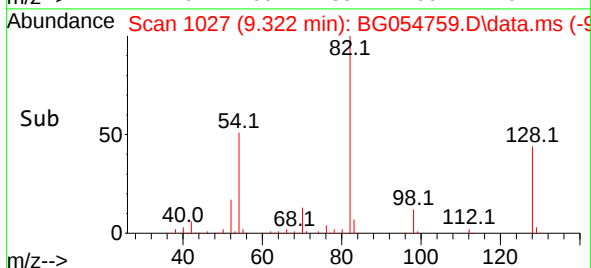
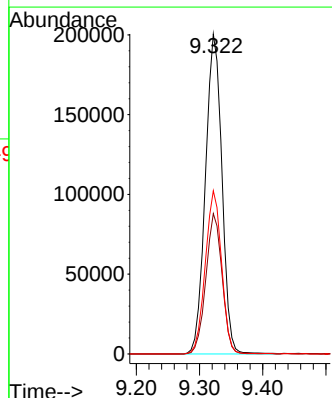
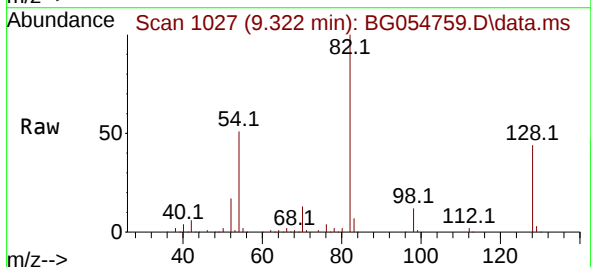
Tgt Ion: 82 Resp: 364350

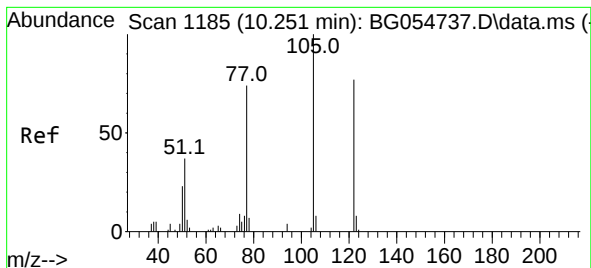
Ion Ratio Lower Upper

82 100

128 43.9 32.2 48.2

54 51.0 41.4 62.0





#32

Benzoic acid

Concen: 7.871 ng

RT: 10.268 min Scan# 1188

Delta R.T. 0.017 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

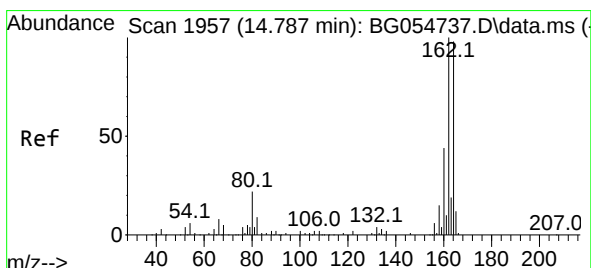
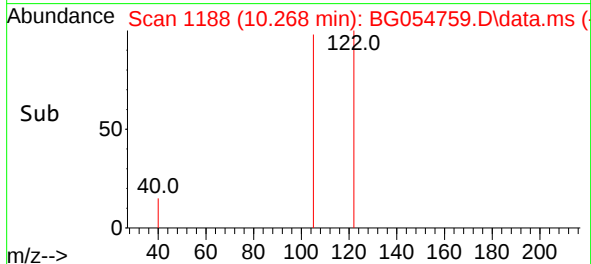
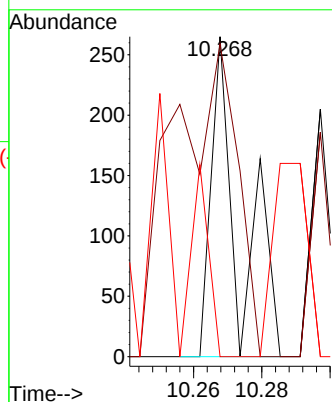
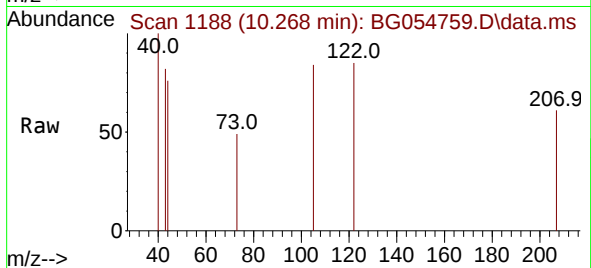
Tgt Ion:122 Resp: 151

Ion Ratio Lower Upper

122 100

105 97.7 101.5 141.5#

77 0.0 69.3 109.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

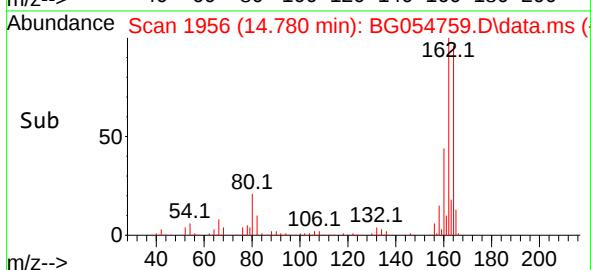
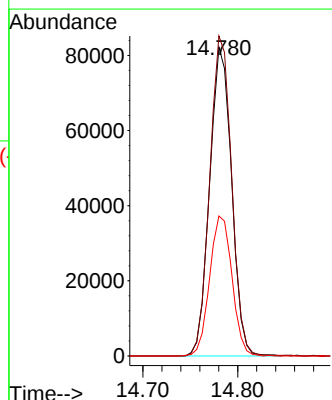
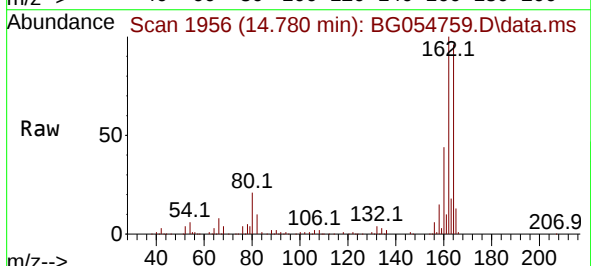
Tgt Ion:164 Resp: 131873

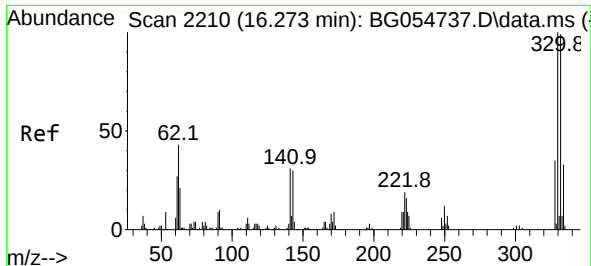
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.3 38.0 57.0

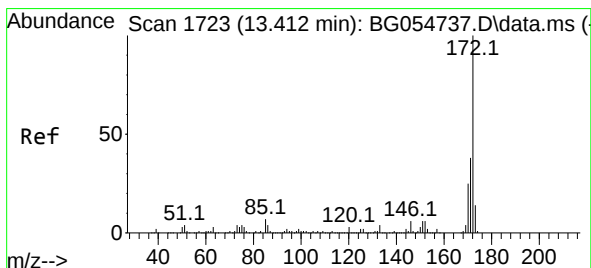
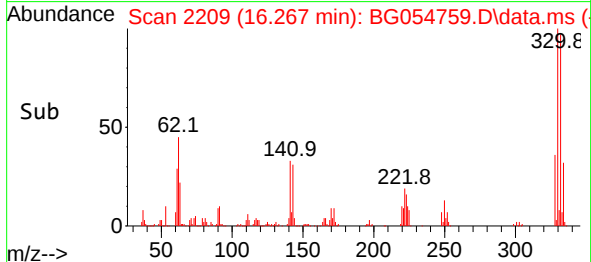
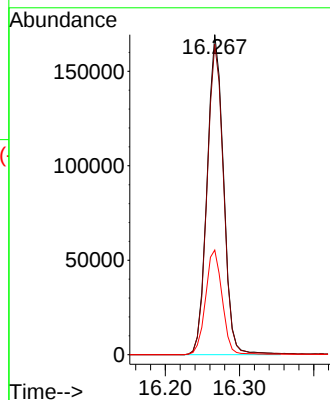
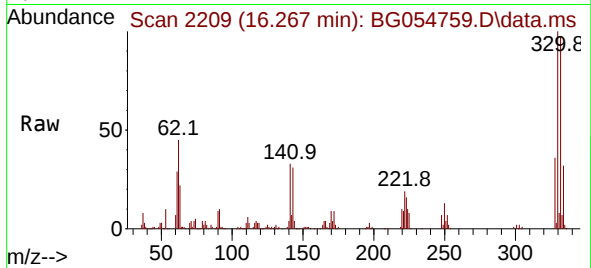




#42
2,4,6-Tribromophenol
Concen: 158.804 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

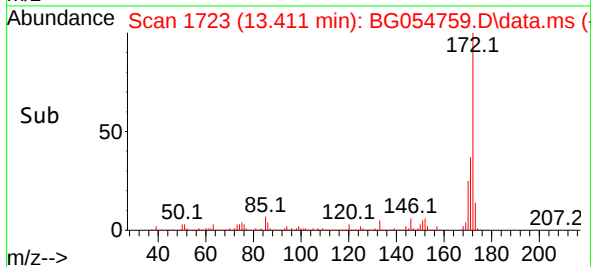
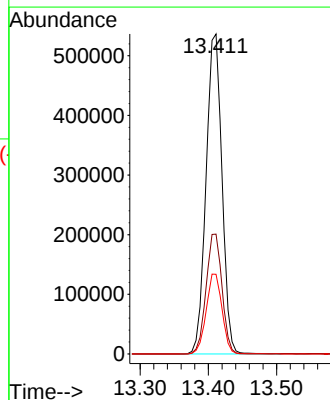
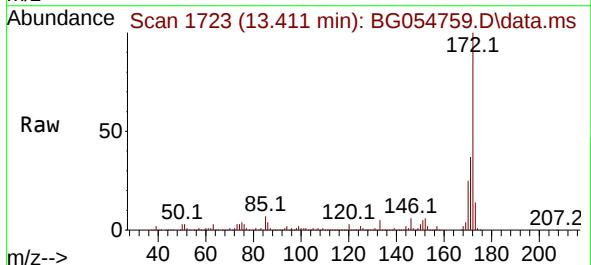
Instrument :
BNA_G
ClientSampleId :
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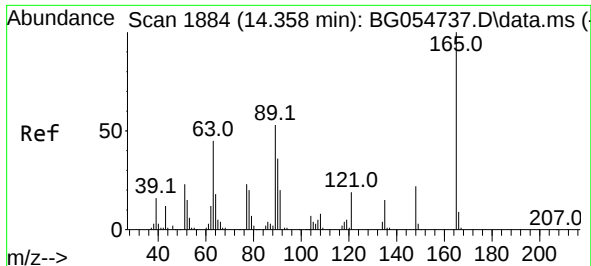
Tgt Ion:330 Resp: 261683
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 33.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 99.240 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:172 Resp: 870721
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.9 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 8.299 ng

RT: 14.780 min Scan# 1956

Delta R.T. 0.422 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

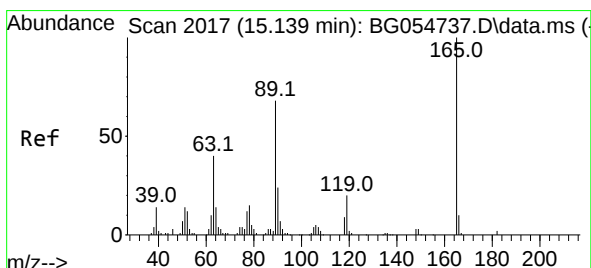
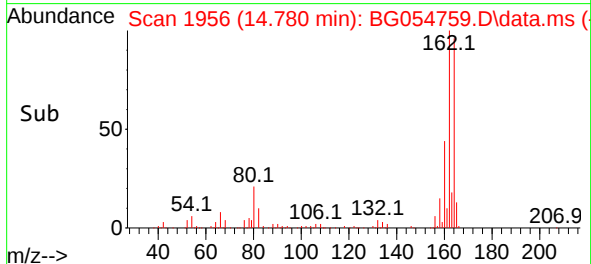
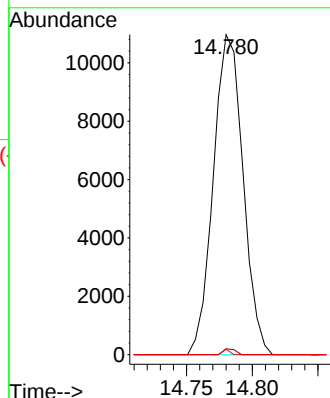
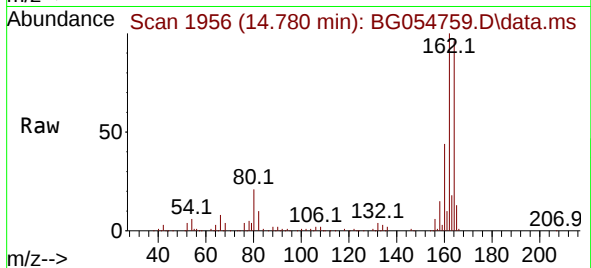
Tgt Ion:165 Resp: 17245

Ion Ratio Lower Upper

165 100

63 1.9 46.0 69.0#

89 1.7 50.3 75.5#



#57

2,4-Dinitrotoluene

Concen: 6.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Tgt Ion:165 Resp: 17245

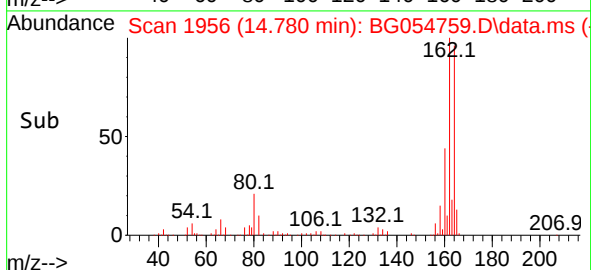
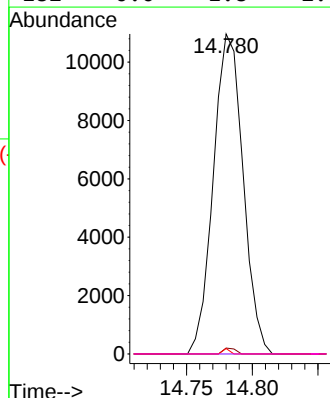
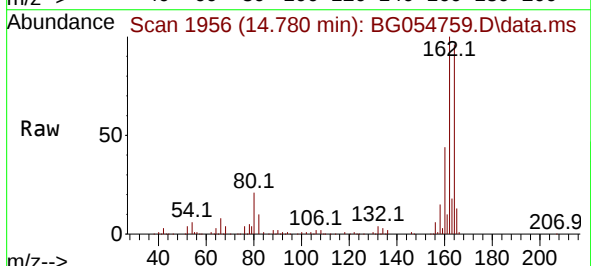
Ion Ratio Lower Upper

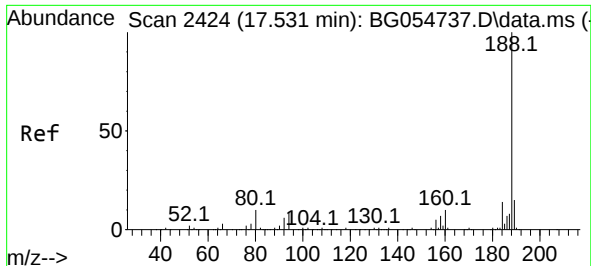
165 100

63 1.9 36.8 55.2#

89 1.7 64.3 96.5#

182 0.0 1.8 2.6#

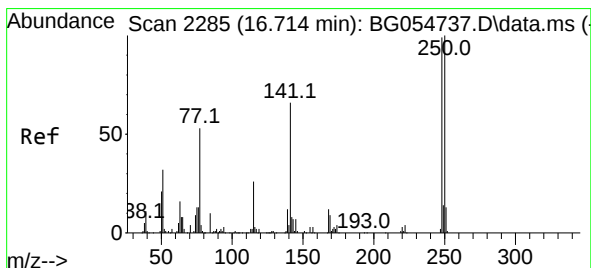
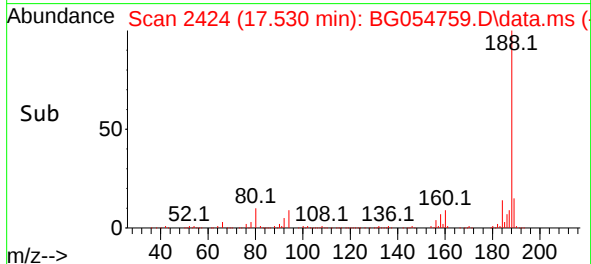
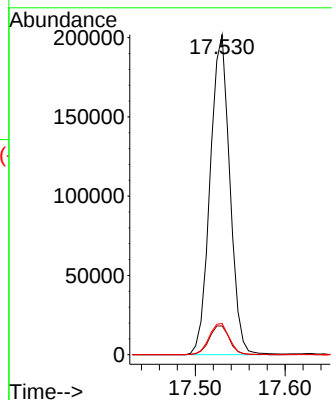
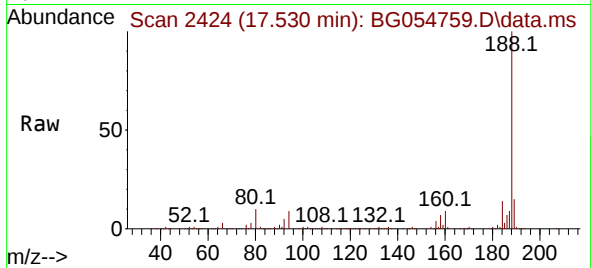




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

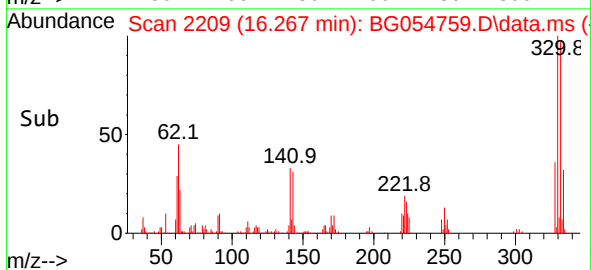
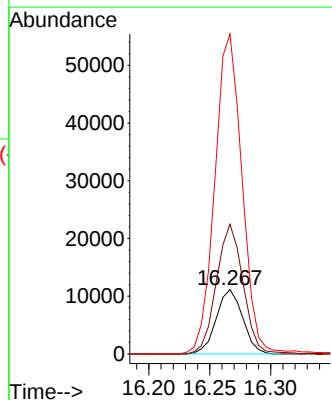
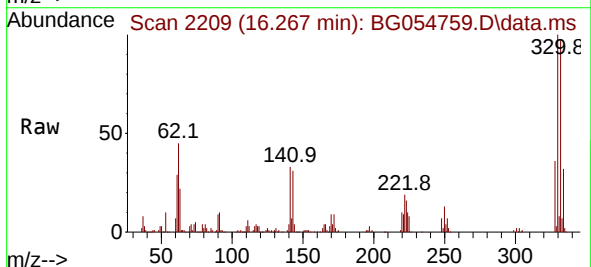
Instrument :
BNA_G
ClientSampleId :
A4127

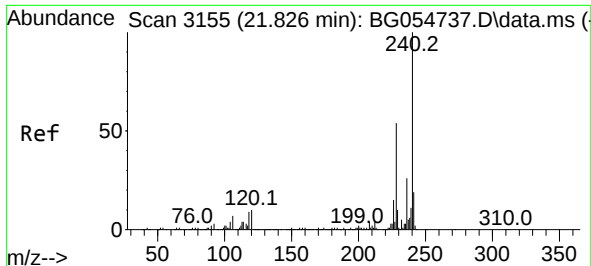
Tgt Ion:188 Resp: 307019
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.985 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.447 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:248 Resp: 16803
Ion Ratio Lower Upper
248 100
250 201.9 78.8 118.2#
141 497.7 51.9 77.9#

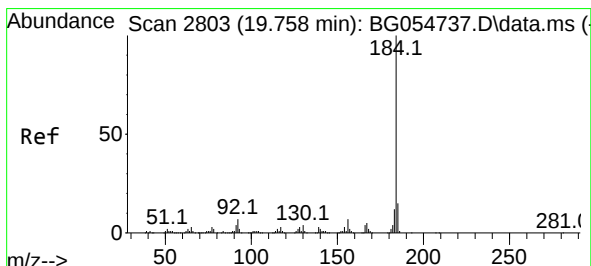
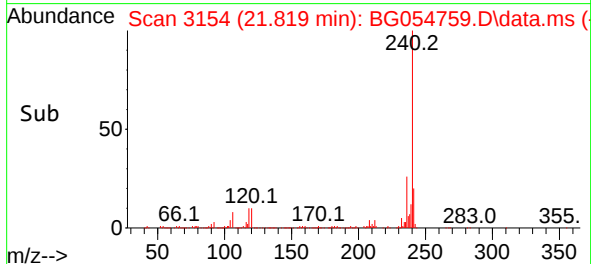
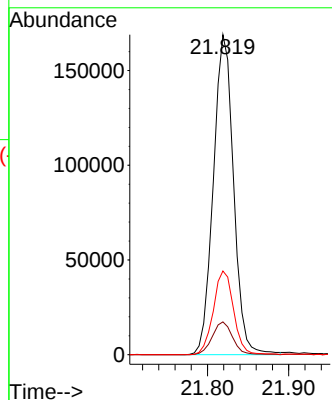
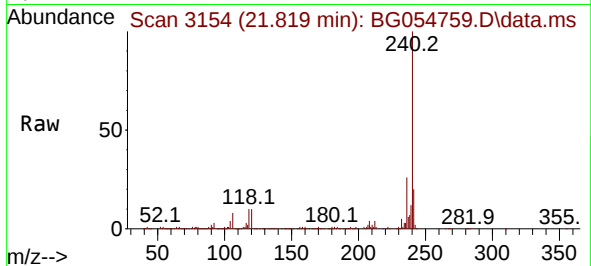




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

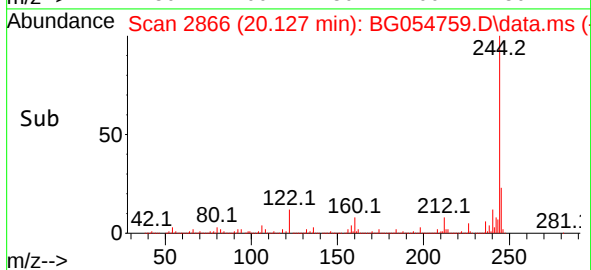
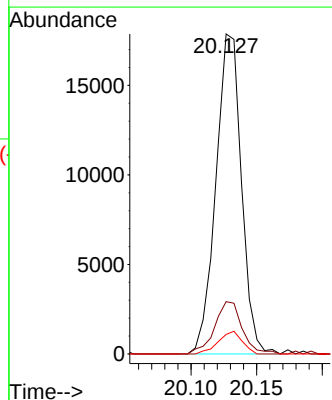
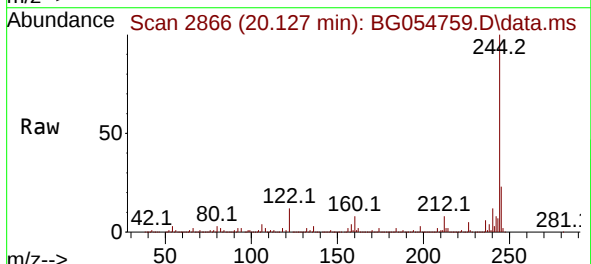
Instrument :
BNA_G
ClientSampleId :
A4127

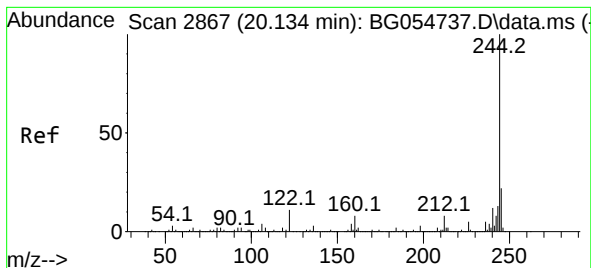
Tgt Ion:240 Resp: 292534
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.2 21.2 31.8



#77
Benzidine
Concen: 3.338 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:184 Resp: 24184
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.0
183 6.1 9.8 14.8#





#79

Terphenyl-d14

Concen: 101.438 ng

RT: 20.133 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

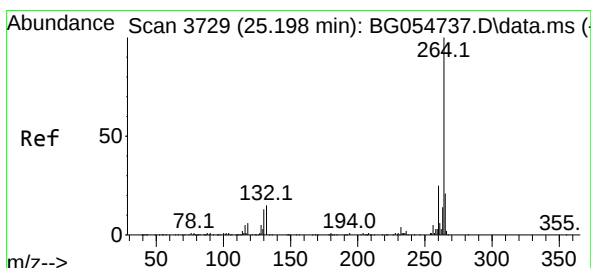
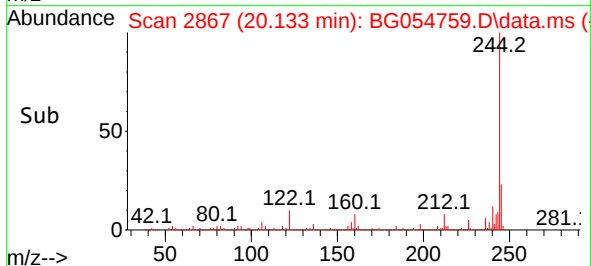
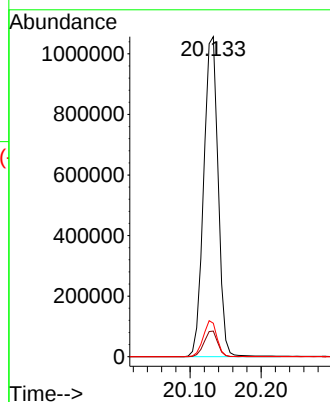
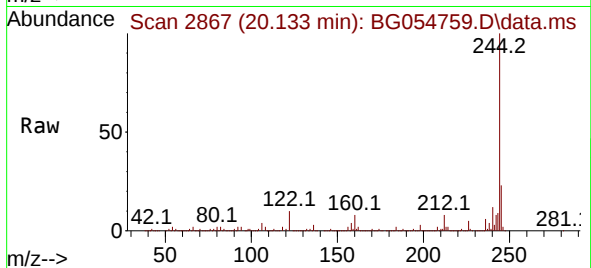
Tgt Ion:244 Resp: 1497646

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.013 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Tgt Ion:264 Resp: 305359

Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

265 21.4 16.9 25.3

