

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058855.D
 Acq On : 25 Aug 2023 18:43
 Operator : MA/JU
 Sample : 04093-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230818

Quant Time: Aug 26 09:18:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

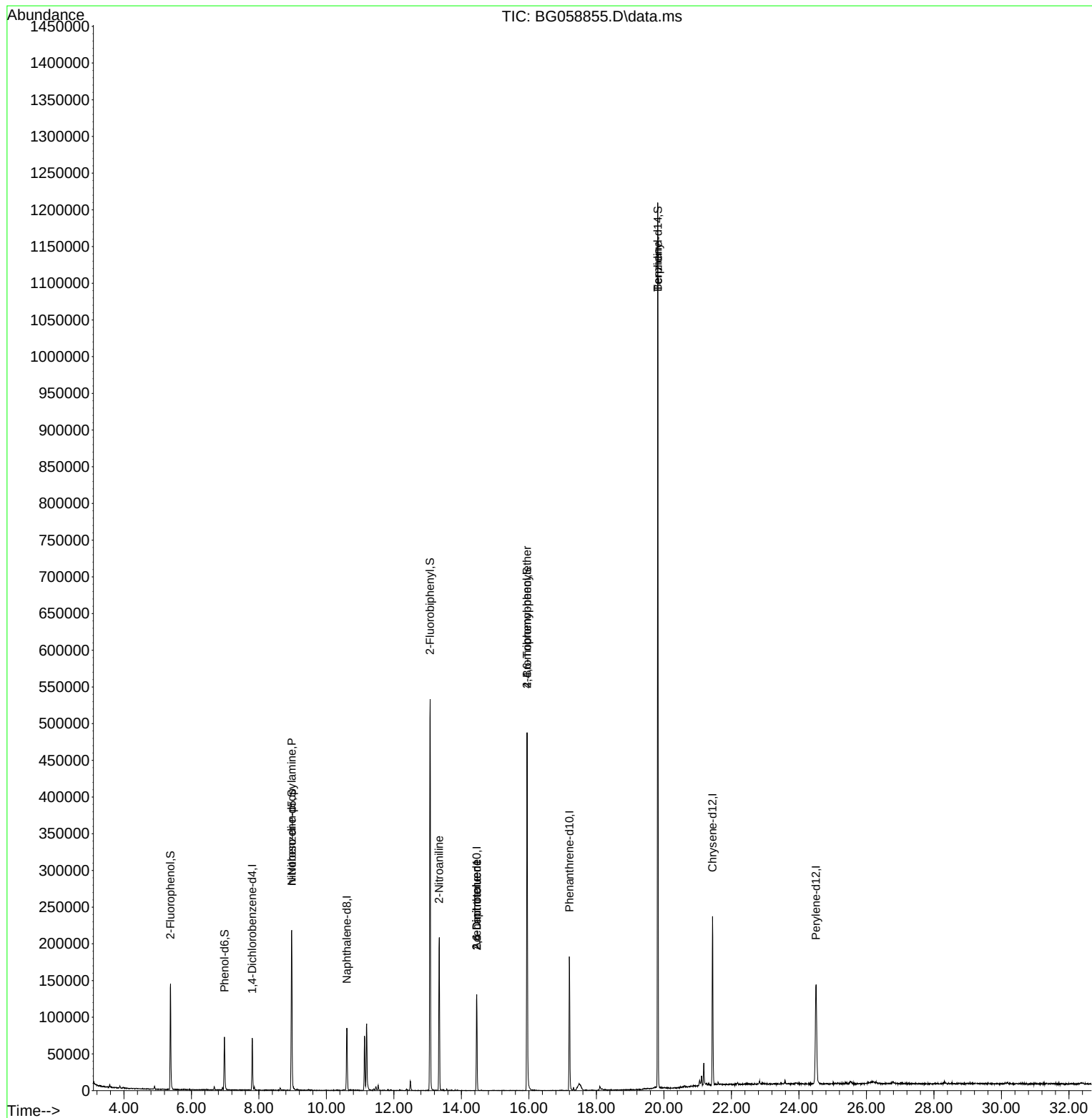
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	19328	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	75732	20.000	ng	#-0.02
39) Acenaphthene-d10	14.454	164	52132	20.000	ng	-0.02
64) Phenanthrene-d10	17.197	188	131710	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	135079	20.000	ng	-0.02
86) Perylene-d12	24.506	264	162017	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	60488	50.363	ng	-0.02
7) Phenol-d6	6.980	99	42418	25.173	ng	-0.02
23) Nitrobenzene-d5	8.972	82	136070	86.383	ng	-0.02
42) 2,4,6-Tribromophenol	15.946	330	114521	140.101	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	300822	83.928	ng	-0.02
79) Terphenyl-d14	19.818	244	599064	79.633	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	17827	16.366	ng	# 68
48) 2-Nitroaniline	13.337	65	3803	3.578	ng	# 11
51) 2,6-Dinitrotoluene	14.454	165	6653	7.845	ng	# 22
57) 2,4-Dinitrotoluene	14.454	165	6653	5.625	ng	# 19
67) 4-Bromophenyl-phenylether	15.946	248	6797	4.703	ng	# 1
77) Benzidine	19.818	184	8945	3.695	ng	# 92

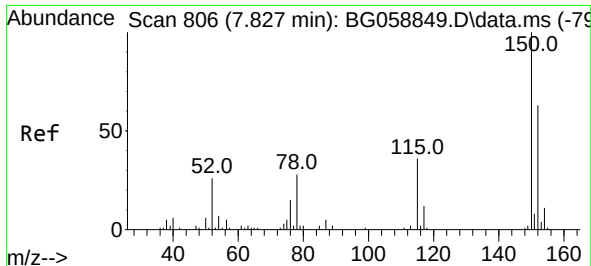
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 26 09:18:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 09:13:37 2023
Response via : Initial Calibration

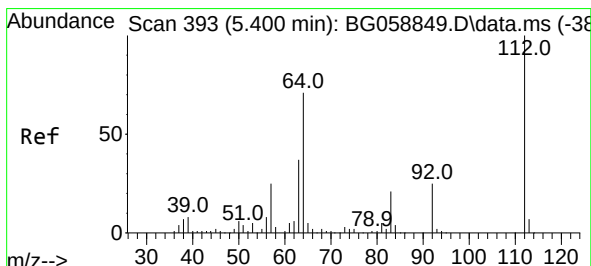
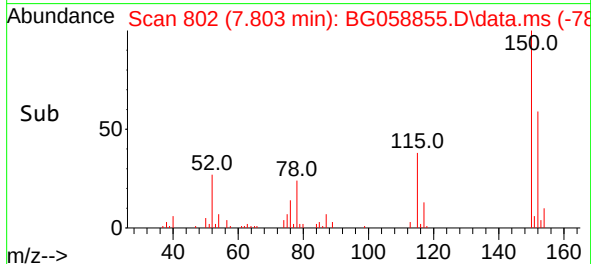
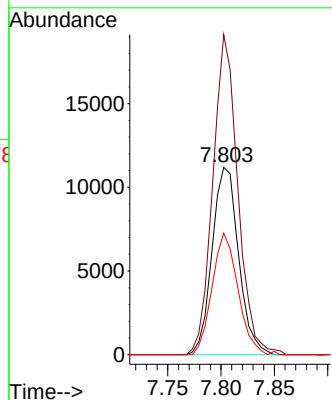
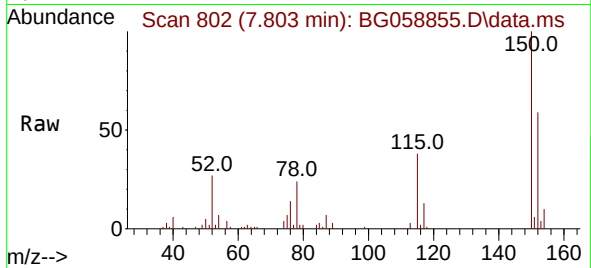




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 80
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

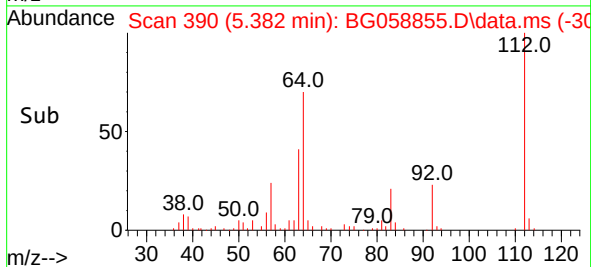
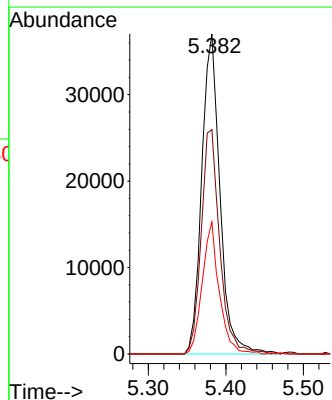
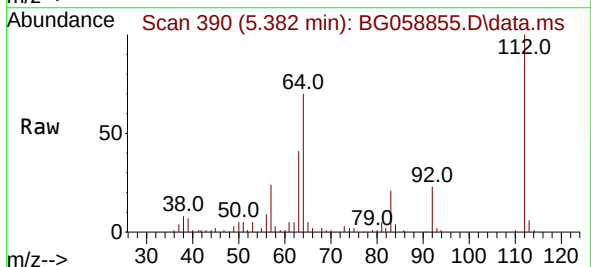
Instrument :
BNA_G
ClientSampleId :
EB-20230818

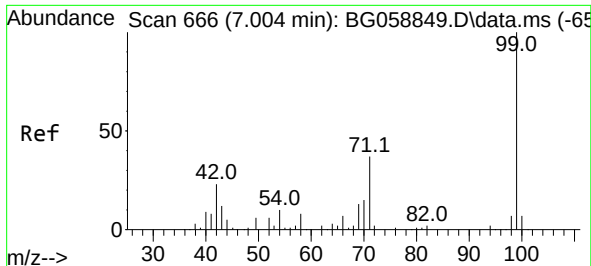
Tgt Ion:152 Resp: 19328
Ion Ratio Lower Upper
152 100
150 170.8 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 50.363 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

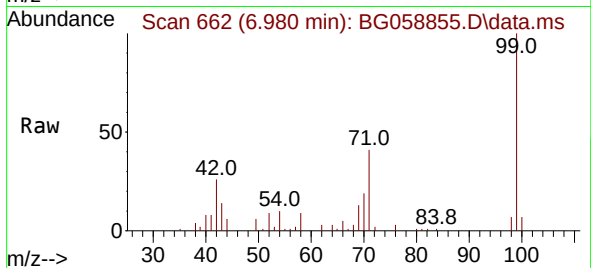
Tgt Ion:112 Resp: 60488
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 41.3 31.0 46.4



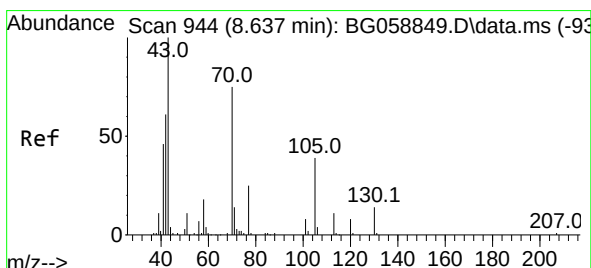
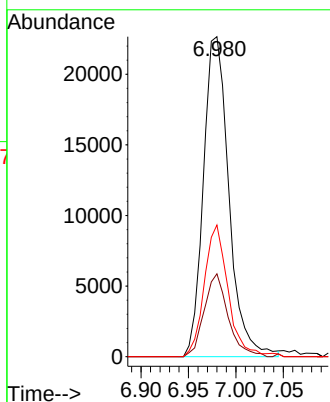
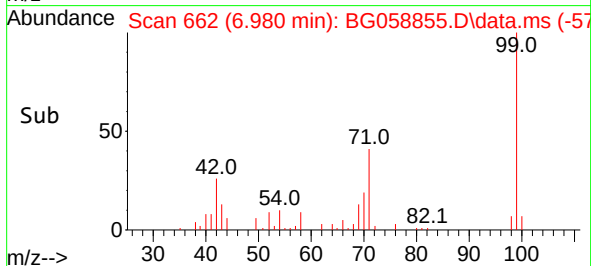


#7
Phenol-d6
Concen: 25.173 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

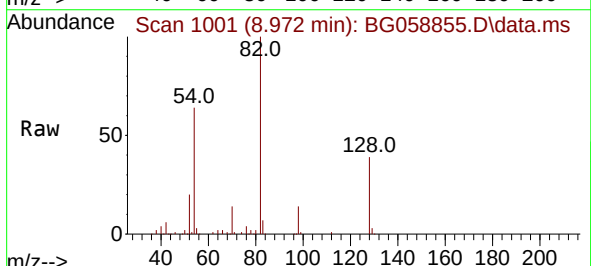
Instrument :
BNA_G
ClientSampleId :
EB-20230818



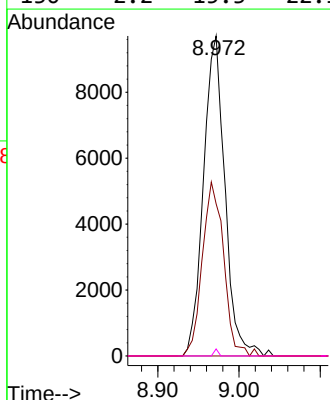
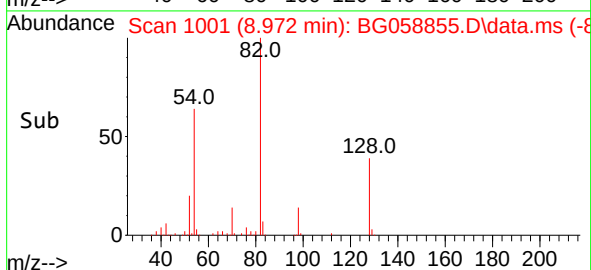
Tgt Ion: 99 Resp: 42418
Ion Ratio Lower Upper
99 100
42 25.9 16.5 24.7#
71 41.2 28.4 42.6

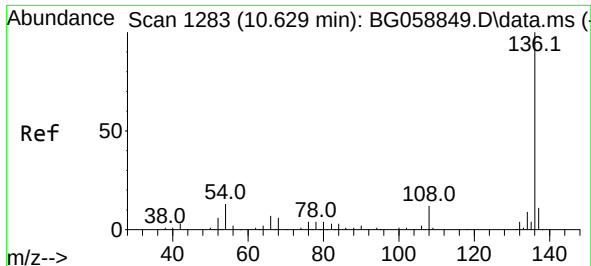


#19
n-Nitroso-di-n-propylamine
Concen: 16.366 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.334 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43



Tgt Ion: 70 Resp: 17827
Ion Ratio Lower Upper
70 100
42 47.5 59.2 88.8#
101 0.0 8.2 12.2#
130 2.2 15.3 22.9#

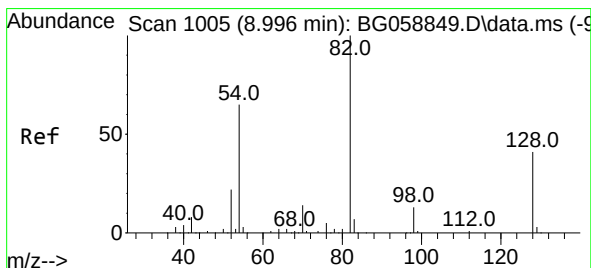
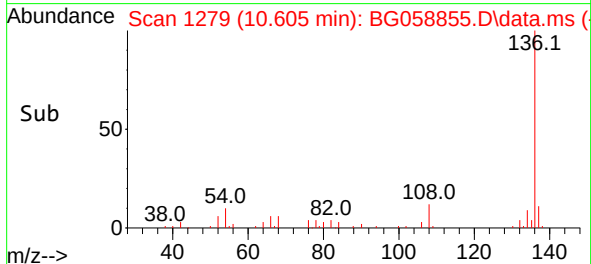
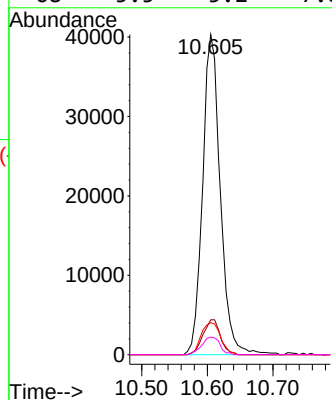
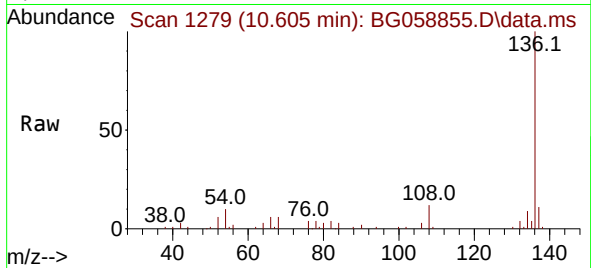




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

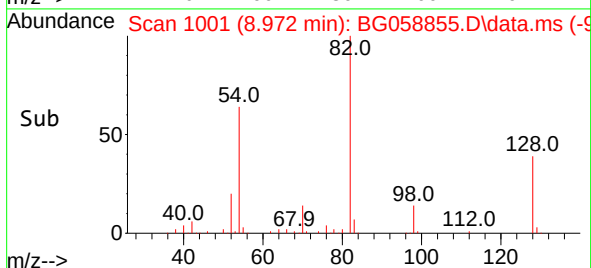
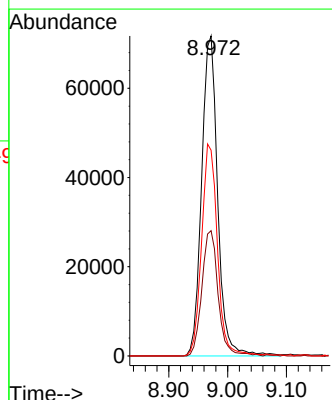
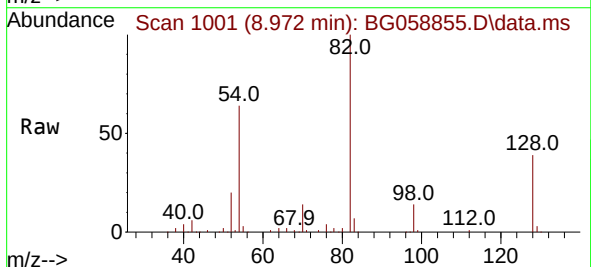
Instrument :
BNA_G
ClientSampleId :
EB-20230818

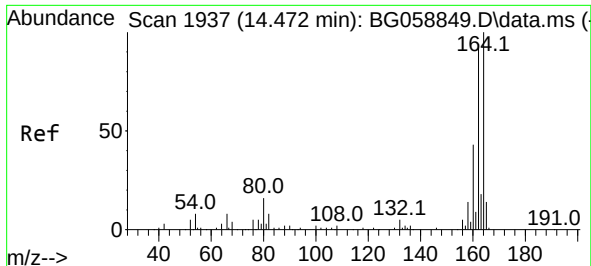
Tgt Ion:136 Resp: 75732
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.0 10.1 15.1#
68 5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.383 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion: 82 Resp: 136070
Ion Ratio Lower Upper
82 100
128 39.1 33.2 49.8
54 64.3 51.2 76.8

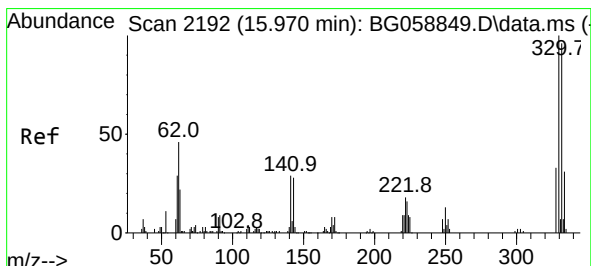
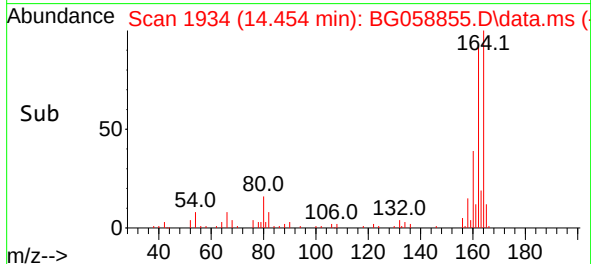
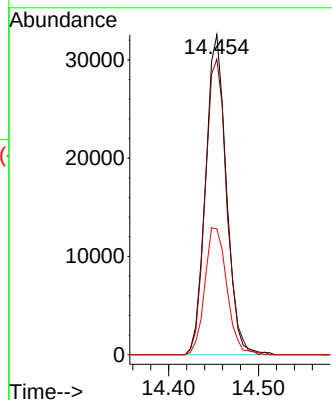
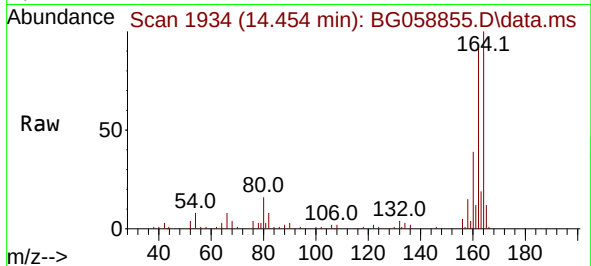




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

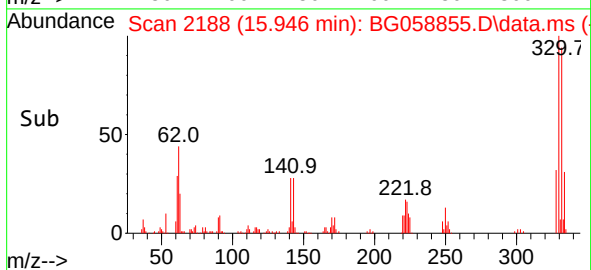
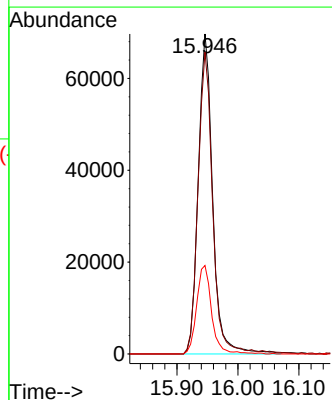
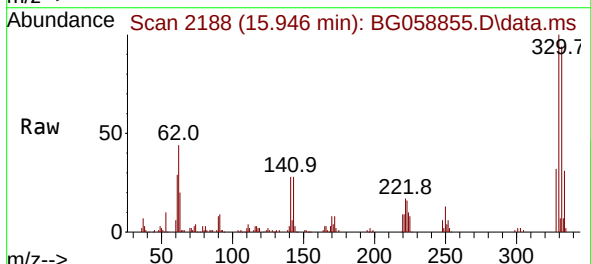
Instrument :
BNA_G
ClientSampleId :
EB-20230818

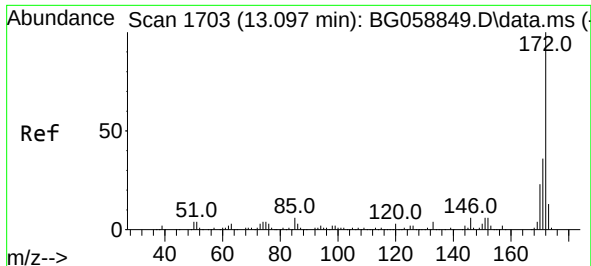
Tgt Ion:164 Resp: 52132
Ion Ratio Lower Upper
164 100
162 92.4 79.6 119.4
160 39.3 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 140.101 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion:330 Resp: 114521
Ion Ratio Lower Upper
330 100
332 95.1 78.5 117.7
141 28.7 23.0 34.6

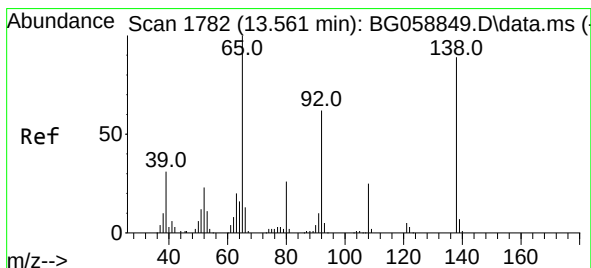
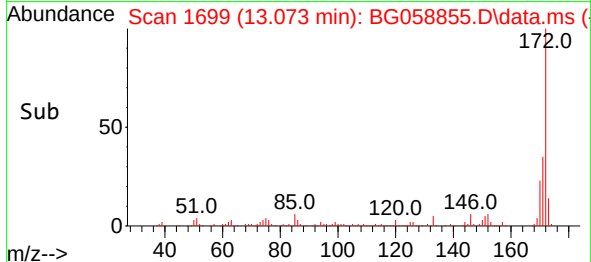
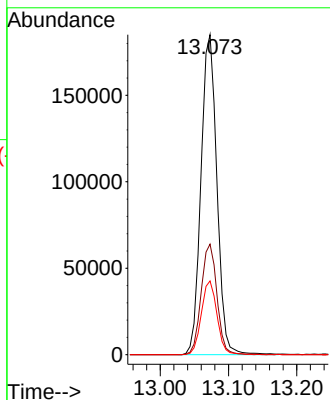
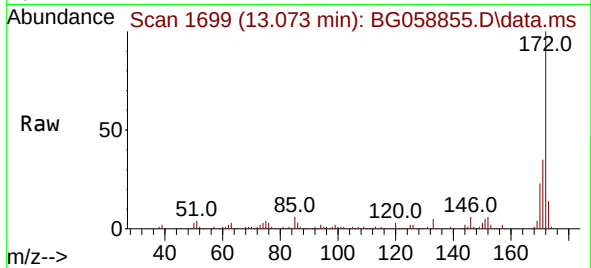




#45
2-Fluorobiphenyl
Concen: 83.928 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

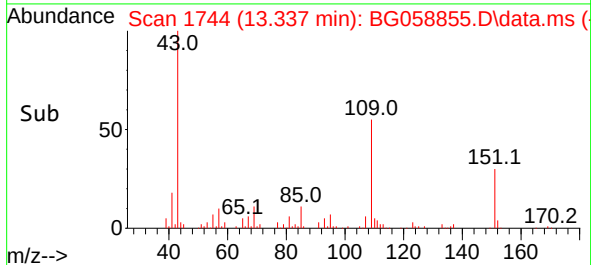
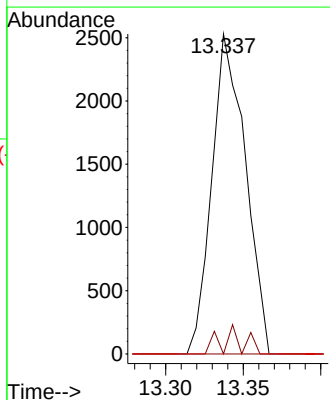
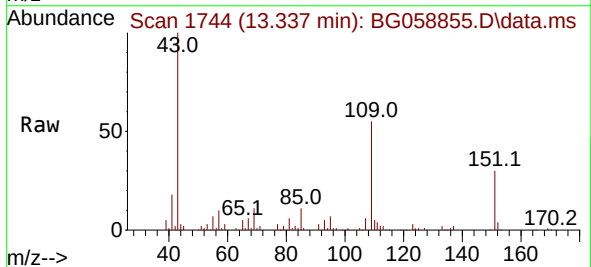
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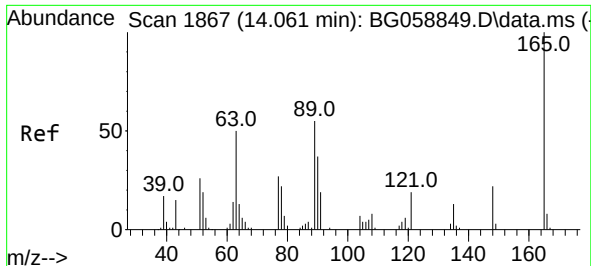
Tgt Ion:172 Resp: 300822
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.6 27.8



#48
2-Nitroaniline
Concen: 3.578 ng
RT: 13.337 min Scan# 1744
Delta R.T. -0.224 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion: 65 Resp: 3803
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 70.7 106.1#

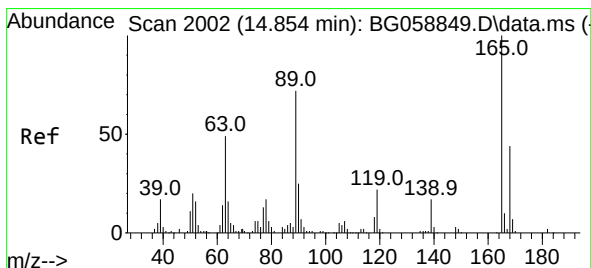
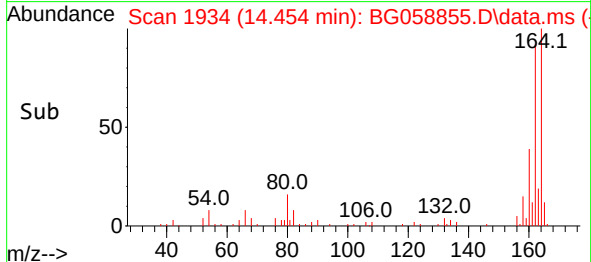
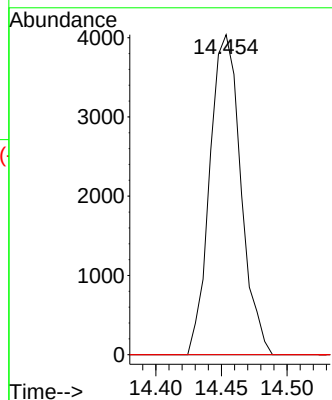
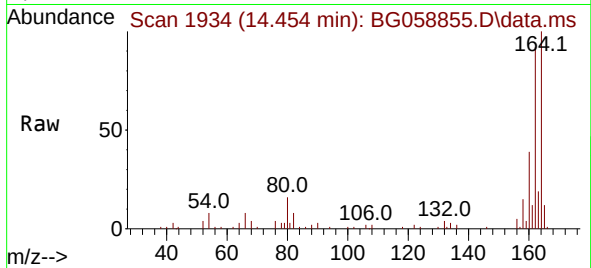




#51
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 14.454 min Scan# 1934
Delta R.T. 0.393 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

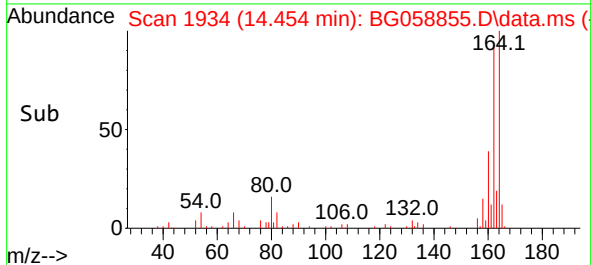
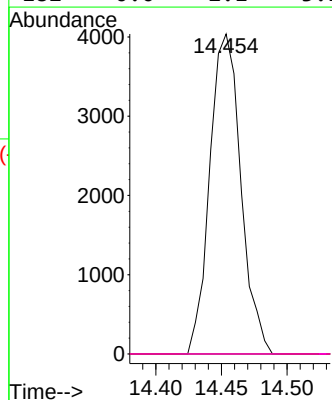
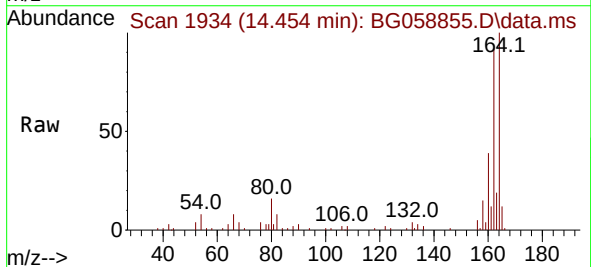
Instrument :
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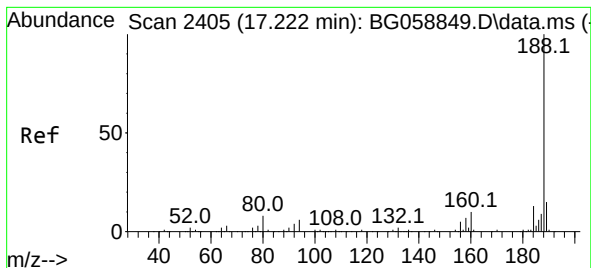
Tgt Ion:165 Resp: 6653
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.625 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.400 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion:165 Resp: 6653
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.197 min Scan# 2405

Delta R.T. -0.024 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

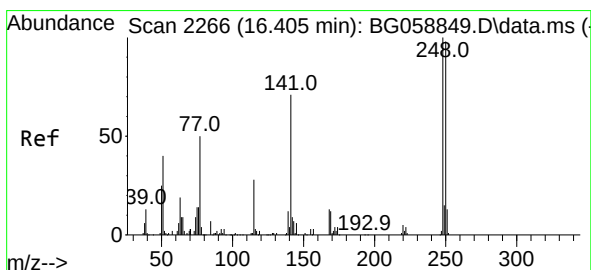
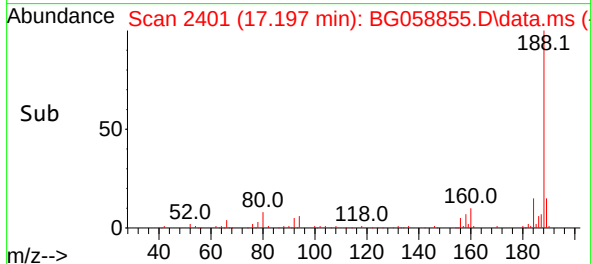
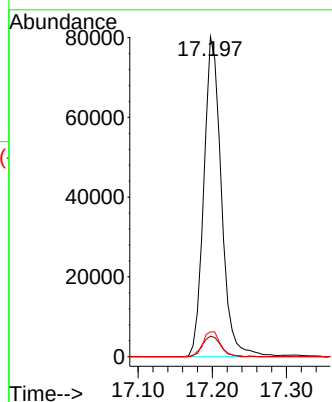
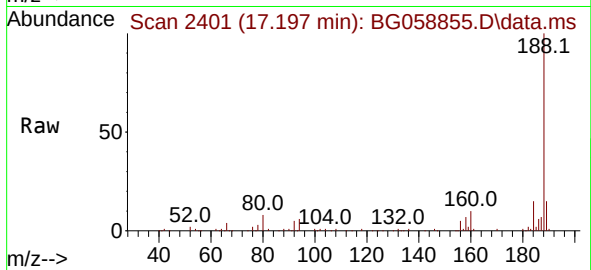
Tgt Ion:188 Resp: 131710

Ion Ratio Lower Upper

188 100

94 6.4 6.1 9.1

80 7.8 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.703 ng

RT: 15.946 min Scan# 2188

Delta R.T. -0.459 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

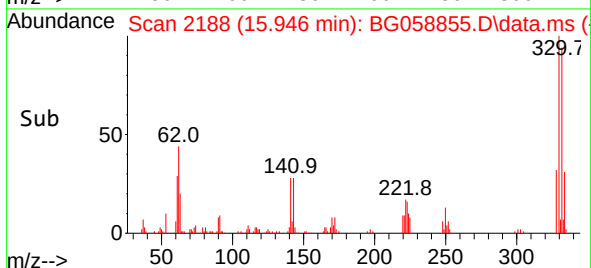
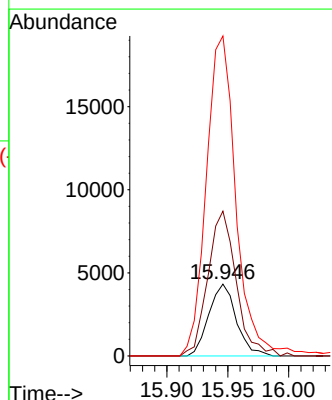
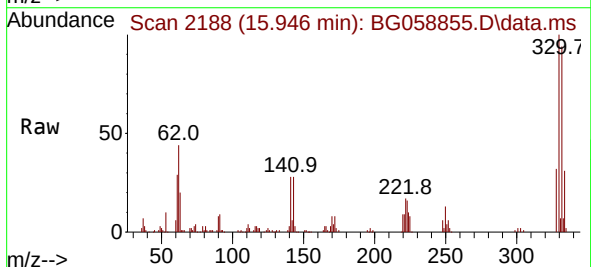
Tgt Ion:248 Resp: 6797

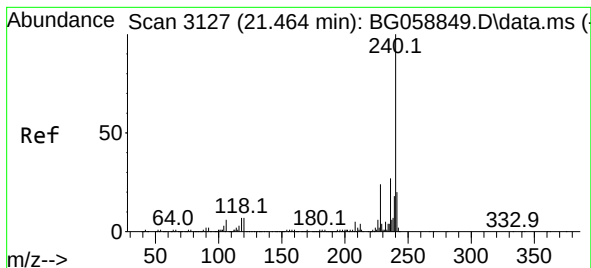
Ion Ratio Lower Upper

248 100

250 152.0 77.7 116.5#

141 335.7 53.6 80.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

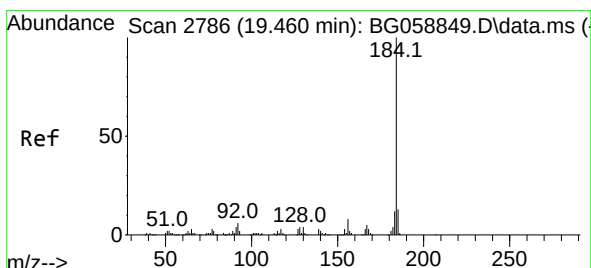
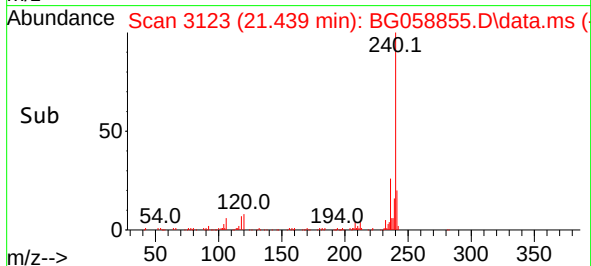
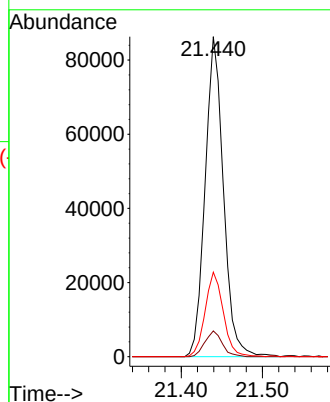
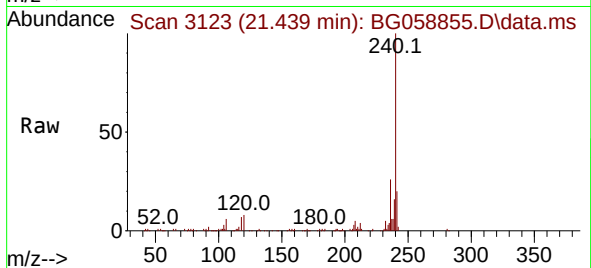
Tgt Ion:240 Resp: 135079

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 26.4 20.5 30.7



#77

Benzidine

Concen: 3.695 ng

RT: 19.818 min Scan# 2847

Delta R.T. 0.358 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

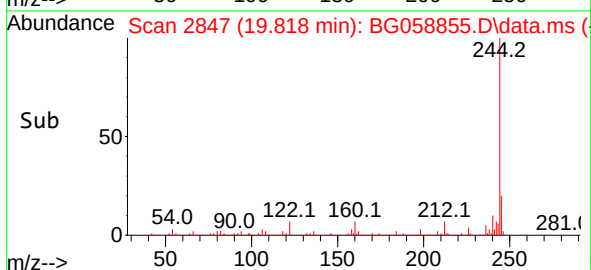
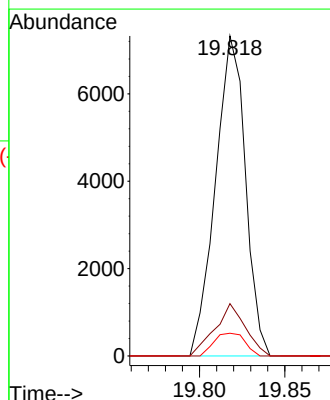
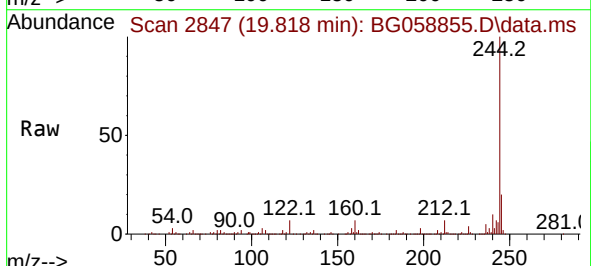
Tgt Ion:184 Resp: 8945

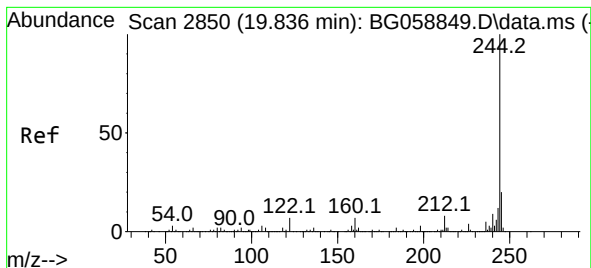
Ion Ratio Lower Upper

184 100

185 16.3 11.9 17.9

183 7.1 10.0 15.0#





#79

Terphenyl-d14

Concen: 79.633 ng

RT: 19.818 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

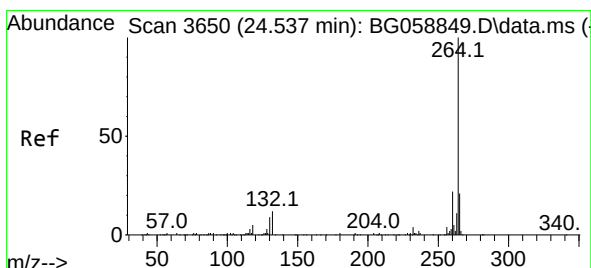
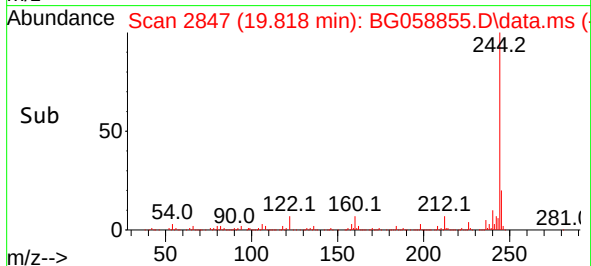
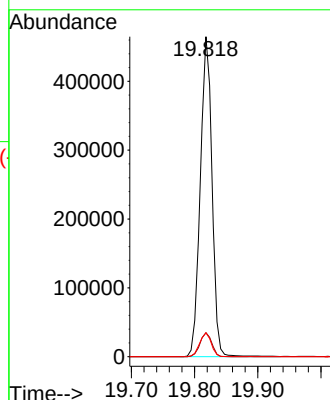
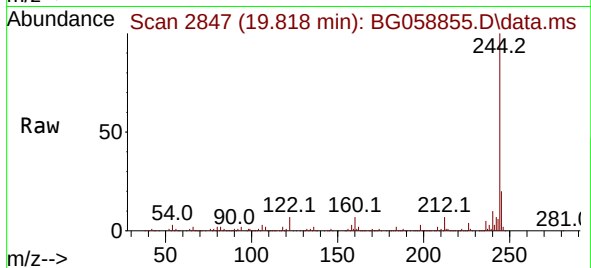
Tgt Ion:244 Resp: 599064

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.506 min Scan# 3645

Delta R.T. -0.030 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Tgt Ion:264 Resp: 162017

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 19.8 16.4 24.6

