

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058752.D
 Acq On : 16 Aug 2023 17:29
 Operator : MA/JU
 Sample : 03996-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230811

Quant Time: Aug 17 03:34:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

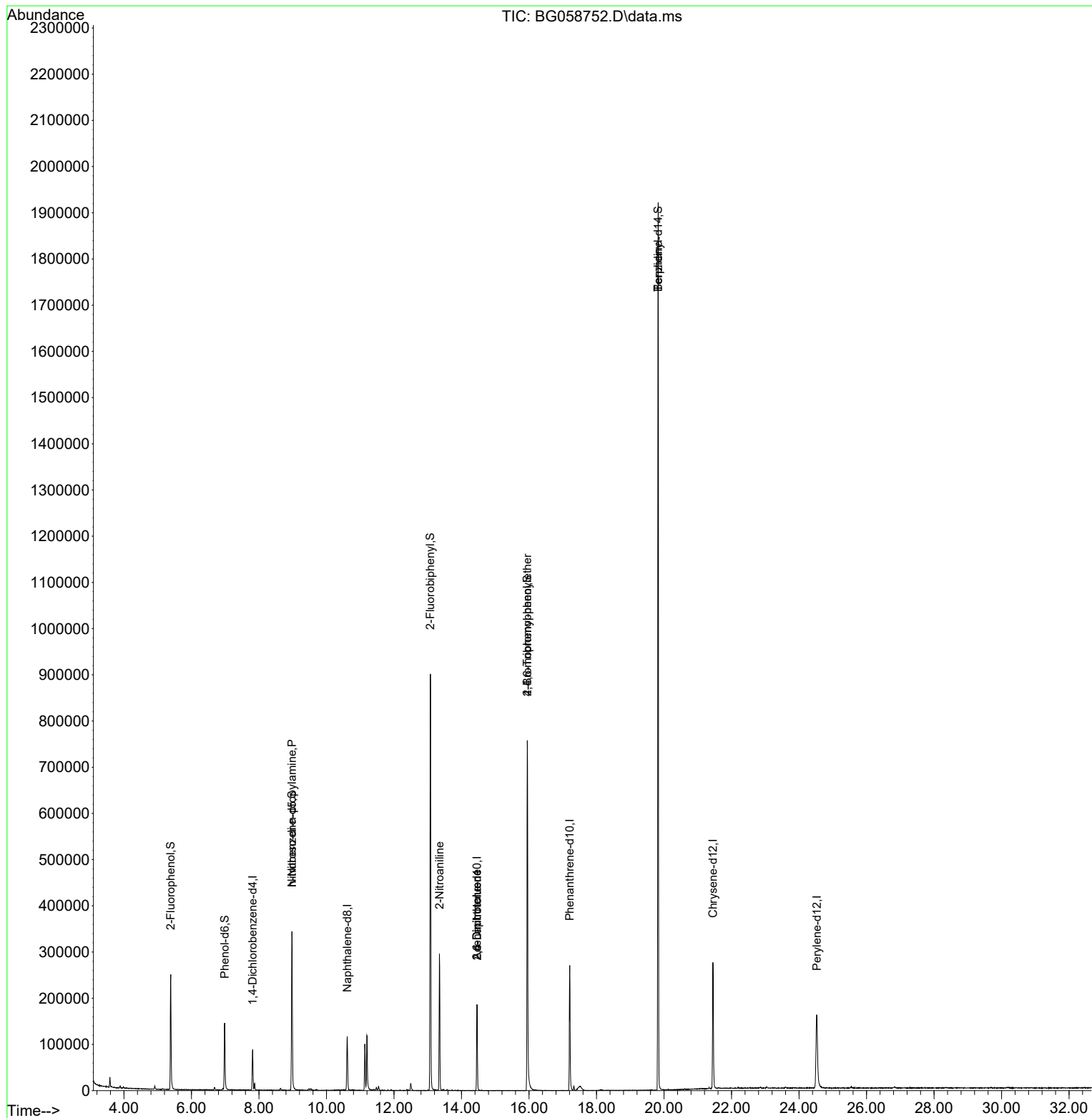
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	25199	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	102989	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	74751	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	196171	20.000	ng	0.00
76) Chrysene-d12	21.448	240	182552	20.000	ng	0.00
86) Perylene-d12	24.527	264	220414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	107437	65.166	ng	0.00
7) Phenol-d6	6.983	99	87881	38.308	ng	0.00
23) Nitrobenzene-d5	8.975	82	214980	102.544	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	182219	148.723	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	508812	102.006	ng	0.00
79) Terphenyl-d14	19.827	244	1049718	108.135	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	28237	19.056	ng	# 82
48) 2-Nitroaniline	13.346	65	4892	3.202	ng	# 19
51) 2,6-Dinitrotoluene	14.456	165	9599	7.793	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	9599	5.621	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	10944	4.919	ng	# 1
77) Benzidine	19.827	184	14706	5.312	ng	# 94

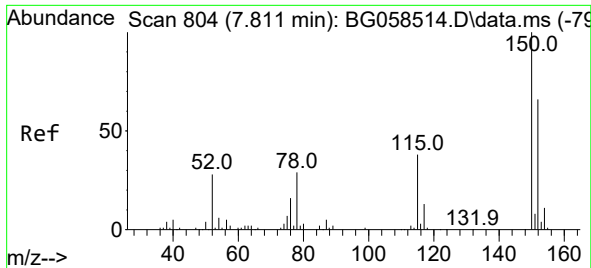
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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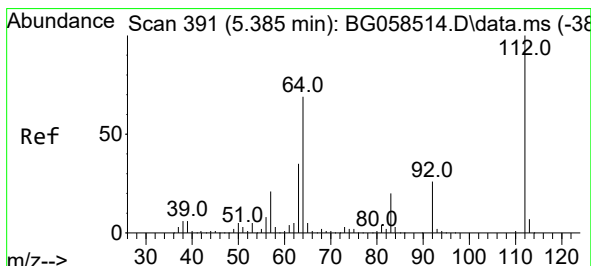
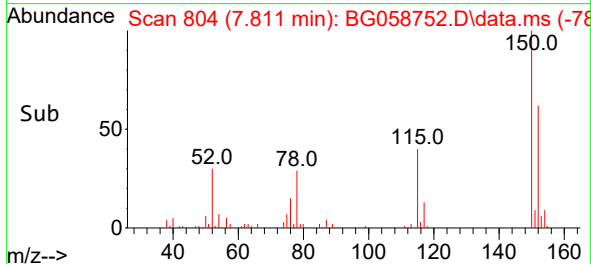
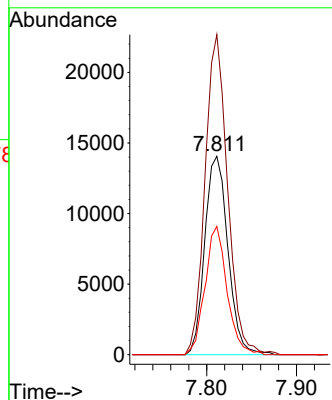
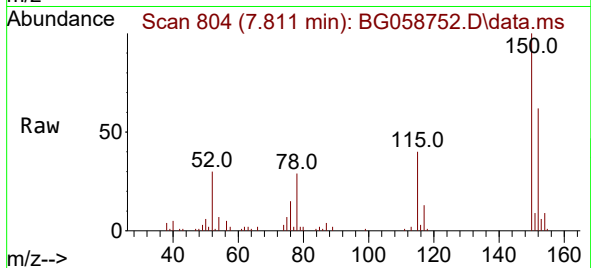




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

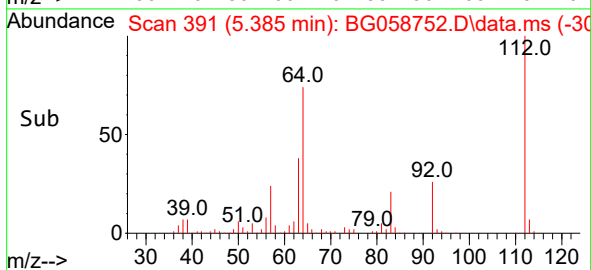
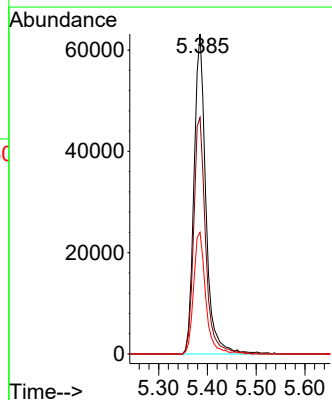
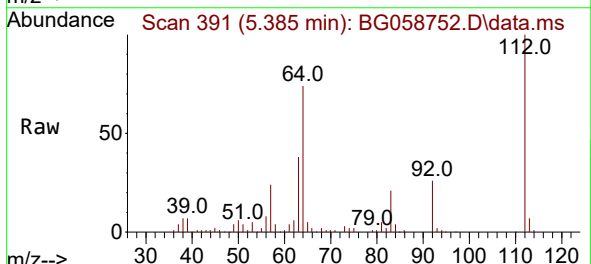
Instrument :
BNA_G
ClientSampleId :
EB-20230811

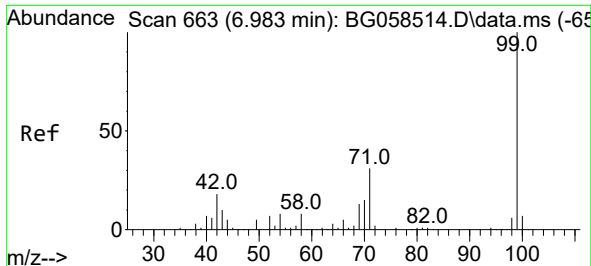
Tgt Ion:152 Resp: 25199
Ion Ratio Lower Upper
152 100
150 161.3 120.5 180.7
115 64.6 45.9 68.9



#5
2-Fluorophenol
Concen: 65.166 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:112 Resp: 107437
Ion Ratio Lower Upper
112 100
64 73.9 55.3 82.9
63 38.0 28.3 42.5

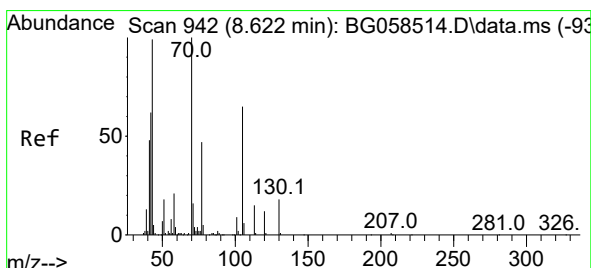
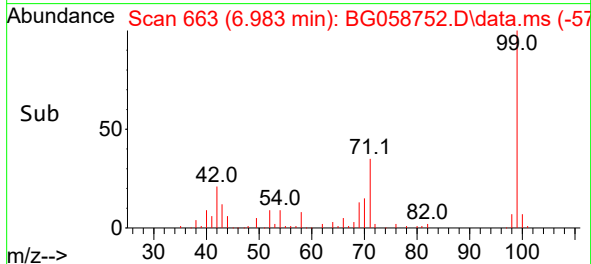
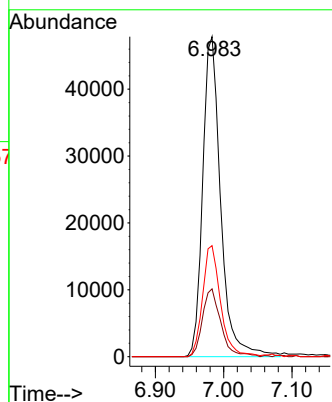
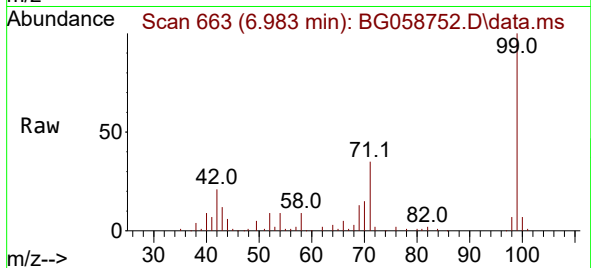




#7
Phenol-d6
Concen: 38.308 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

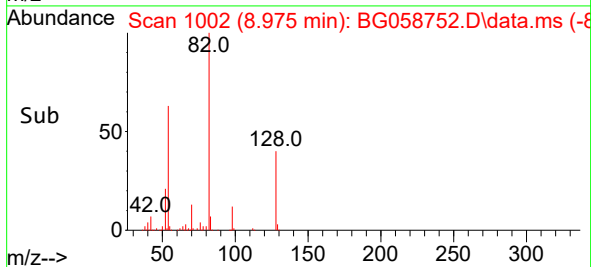
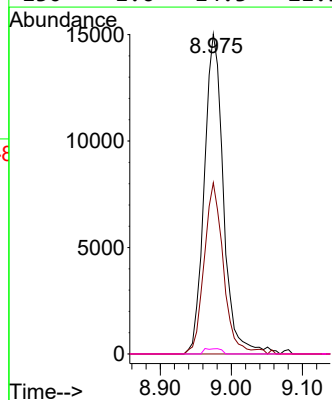
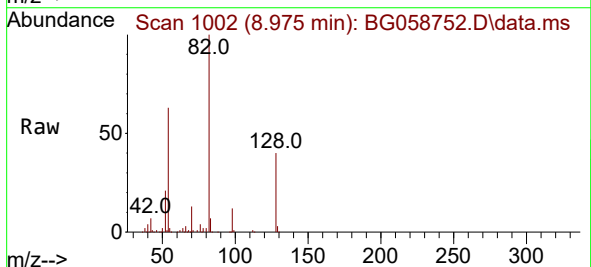
Instrument :
BNA_G
ClientSampleId :
EB-20230811

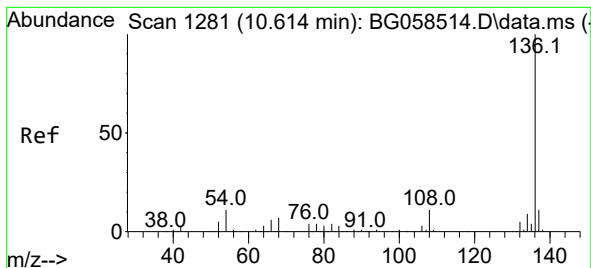
Tgt Ion: 99 Resp: 87881
Ion Ratio Lower Upper
99 100
42 21.2 14.6 21.8
71 34.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.056 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion: 70 Resp: 28237
Ion Ratio Lower Upper
70 100
42 53.5 49.7 74.5
101 0.0 7.0 10.4#
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

Instrument :

BNA_G

ClientSampleId :

EB-20230811

Tgt Ion:136 Resp: 102989

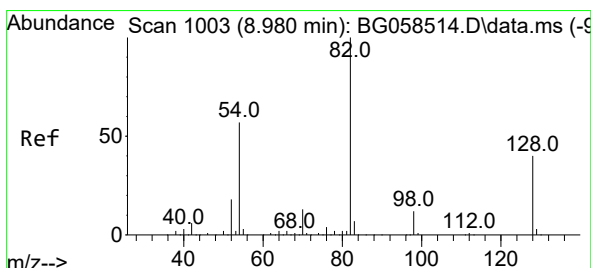
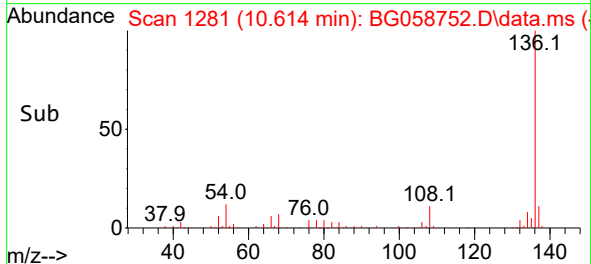
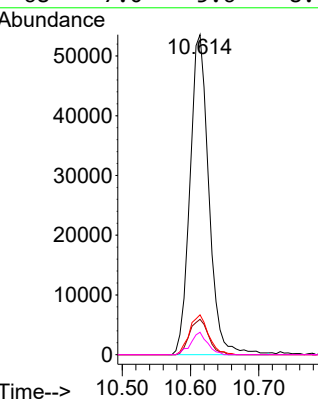
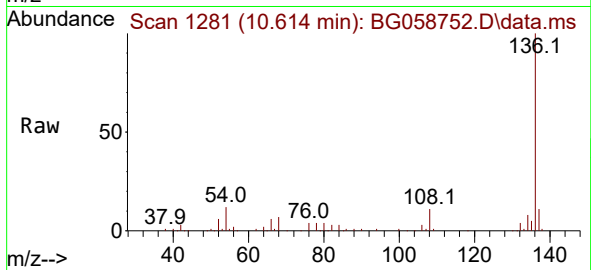
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 12.5 8.9 13.3

68 7.0 5.6 8.4



#23

Nitrobenzene-d5

Concen: 102.544 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

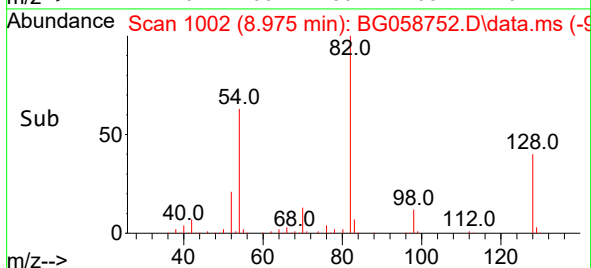
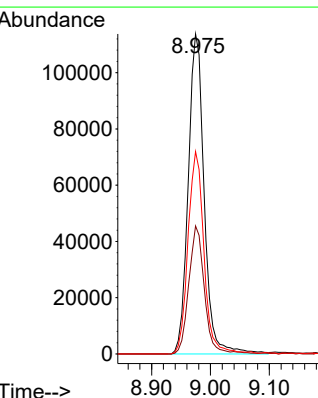
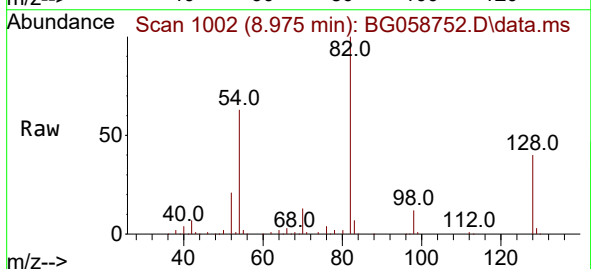
Tgt Ion: 82 Resp: 214980

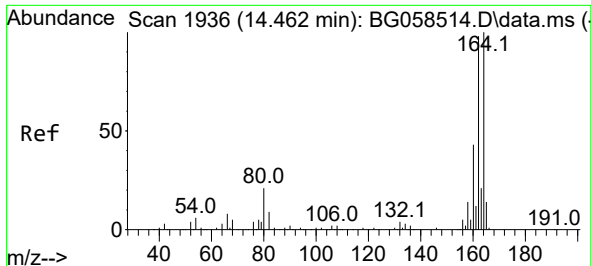
Ion Ratio Lower Upper

82 100

128 40.0 32.2 48.2

54 63.2 46.0 69.0

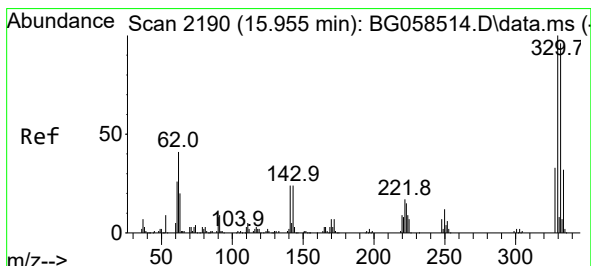
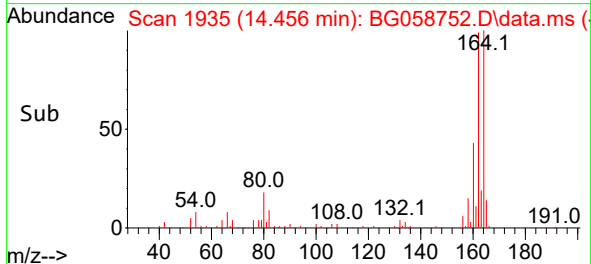
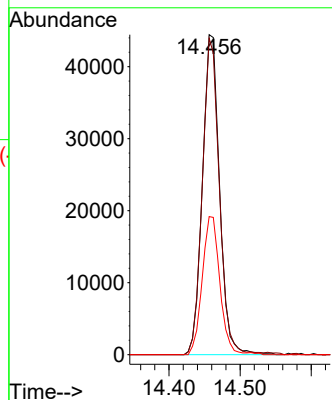
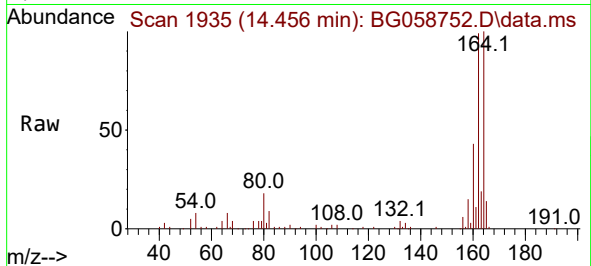




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

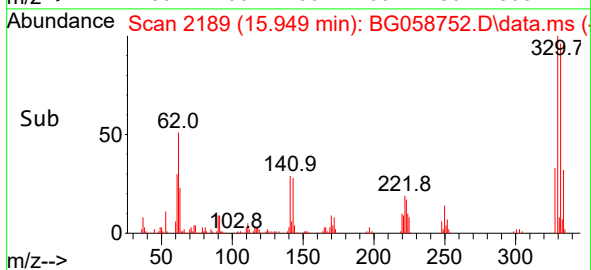
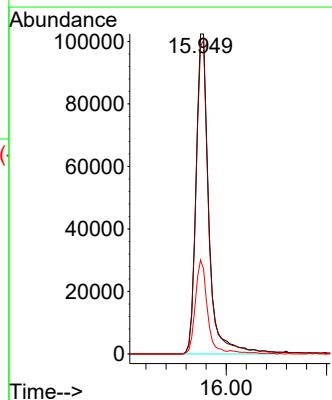
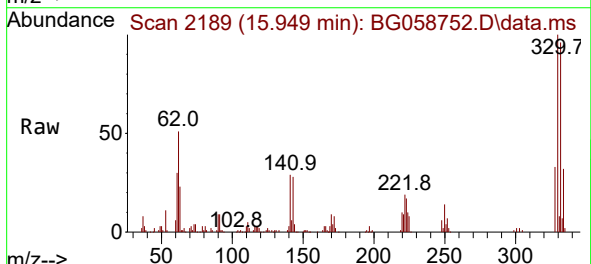
Instrument :
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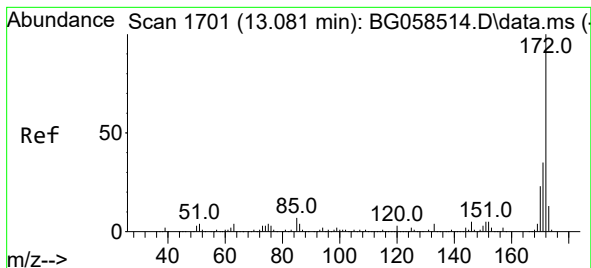
Tgt Ion:164 Resp: 74751
Ion Ratio Lower Upper
164 100
162 98.9 78.3 117.5
160 43.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 148.723 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:330 Resp: 182219
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 27.1 20.7 31.1

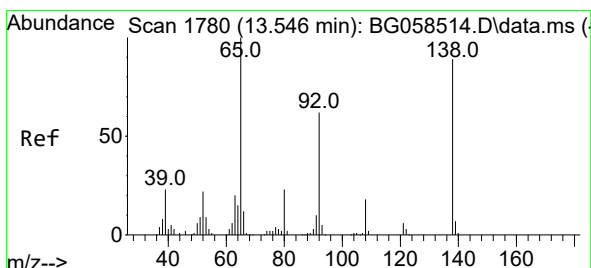
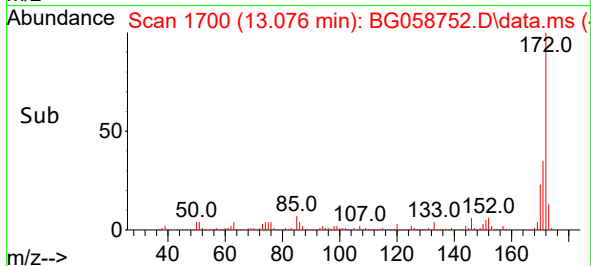
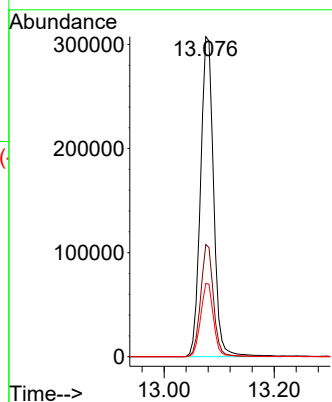
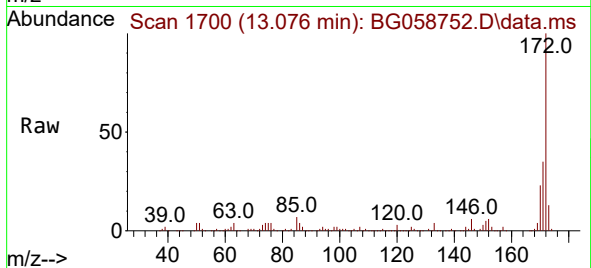




#45
2-Fluorobiphenyl
Concen: 102.006 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

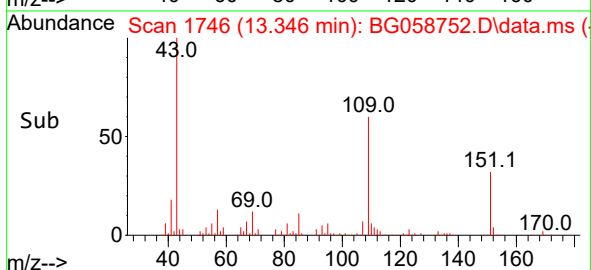
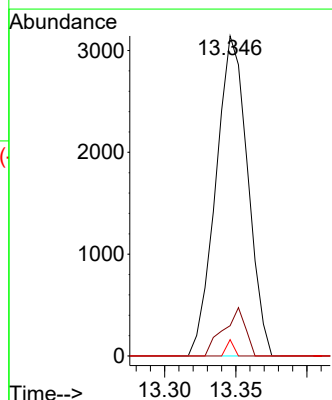
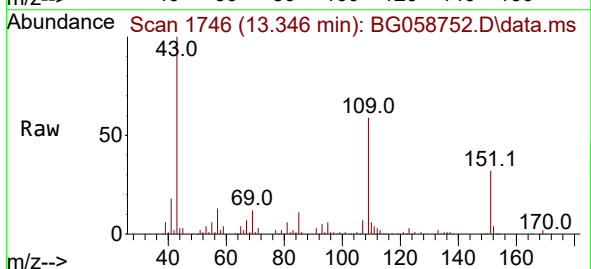
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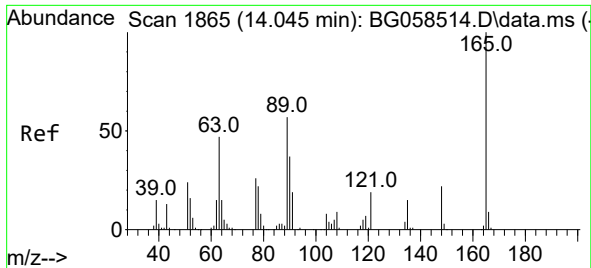
Tgt Ion:172 Resp: 508812
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.9 18.4 27.6



#48
2-Nitroaniline
Concen: 3.202 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.200 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion: 65 Resp: 4892
Ion Ratio Lower Upper
65 100
92 9.5 49.2 73.8#
138 5.1 71.5 107.3#

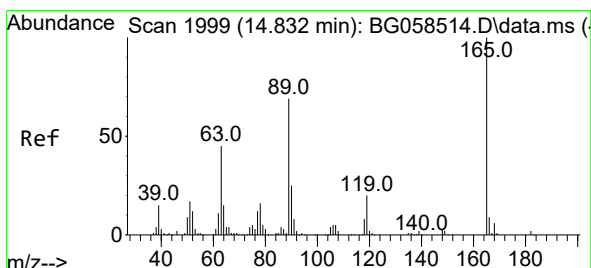
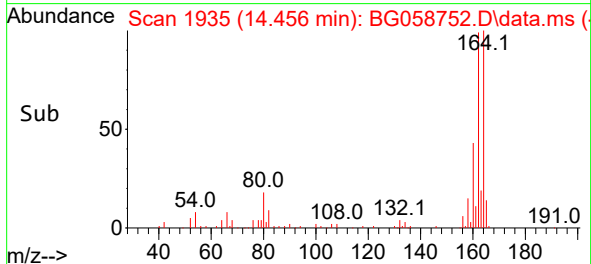
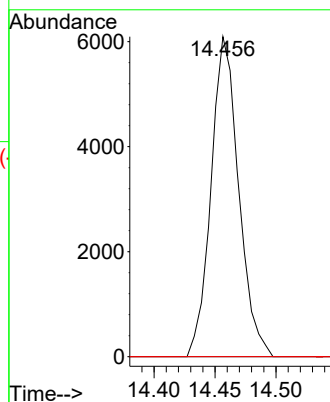
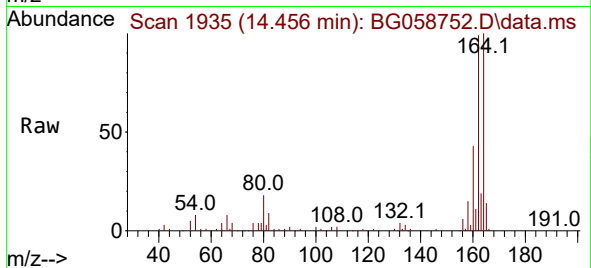




#51
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

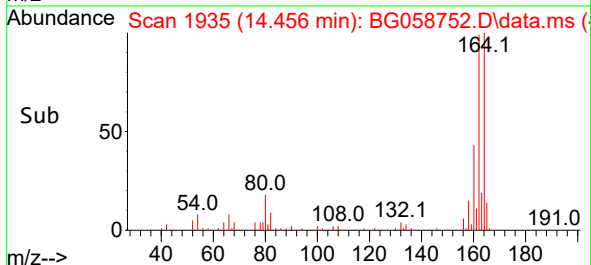
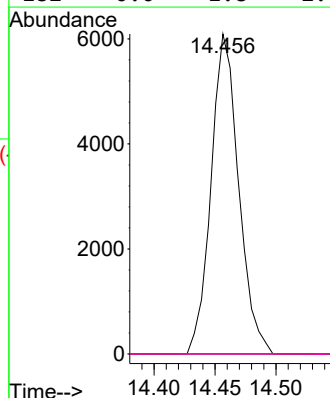
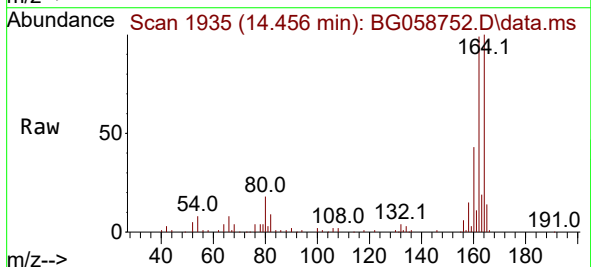
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BNA_G
ClientSampleId :
EB-20230811

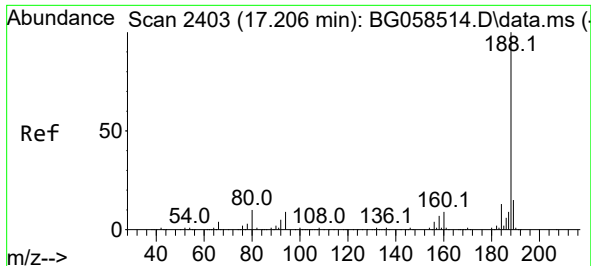
Tgt Ion:165 Resp: 9599
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.621 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.376 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:165 Resp: 9599
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

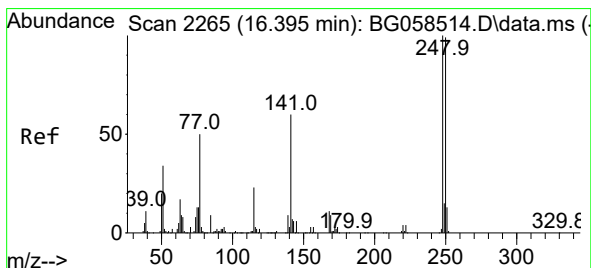
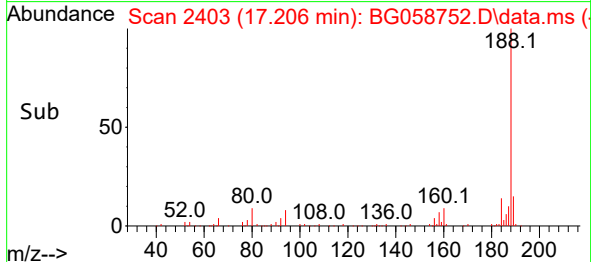
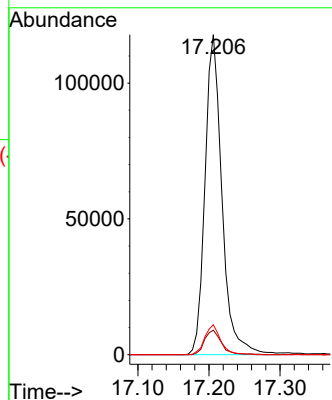
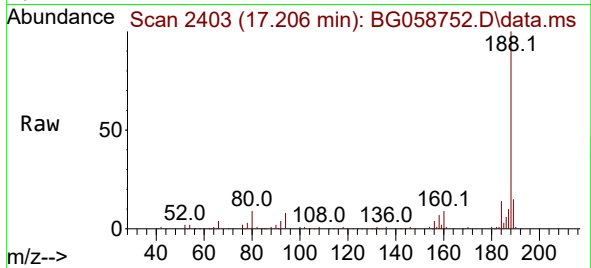




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

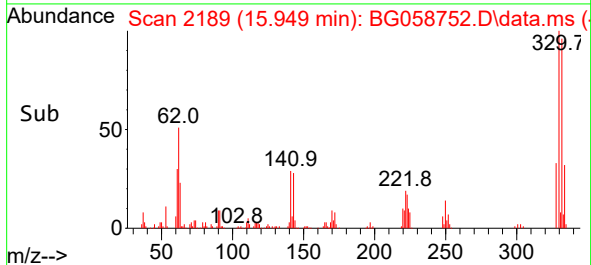
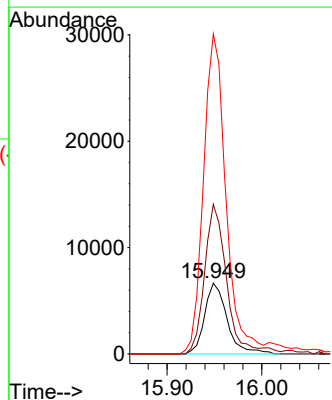
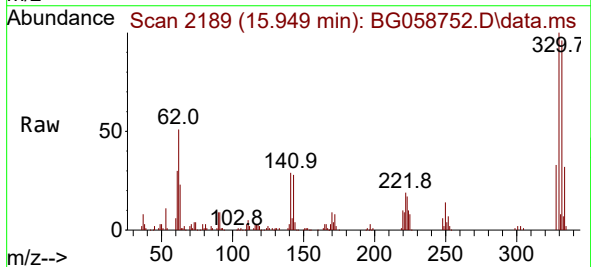
Instrument :
BNA_G
ClientSampleId :
EB-20230811

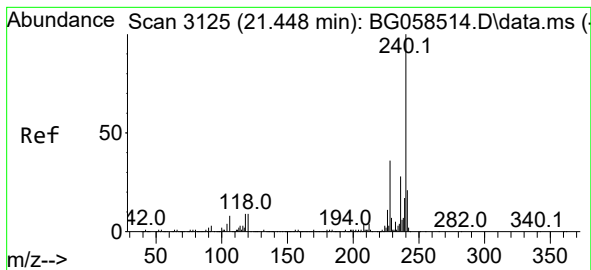
Tgt Ion:188 Resp: 196171
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 9.4 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:248 Resp: 10944
Ion Ratio Lower Upper
248 100
250 211.6 79.5 119.3#
141 452.8 48.2 72.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

Instrument :

BNA_G

ClientSampleId :

EB-20230811

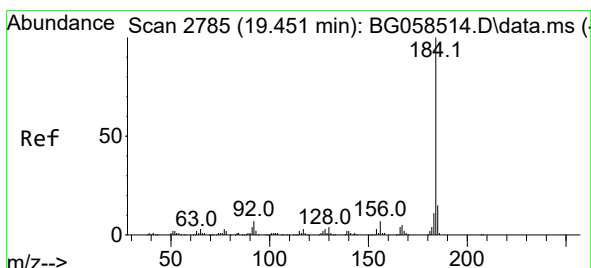
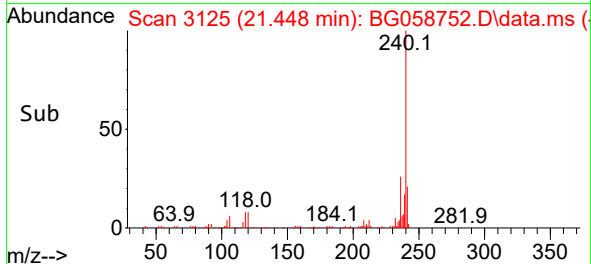
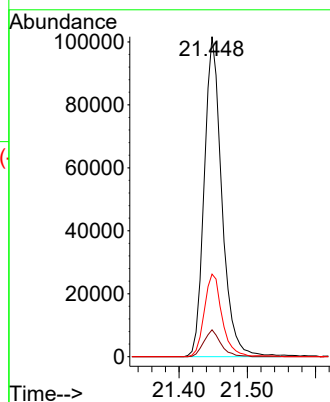
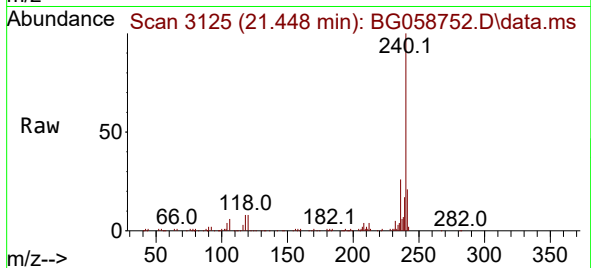
Tgt Ion:240 Resp: 182552

Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

236 25.8 22.2 33.4



#77

Benzidine

Concen: 5.312 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.376 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

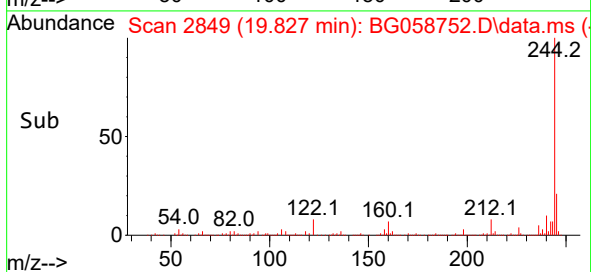
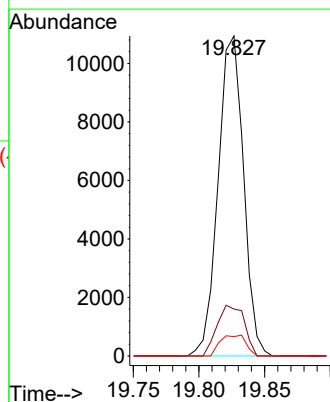
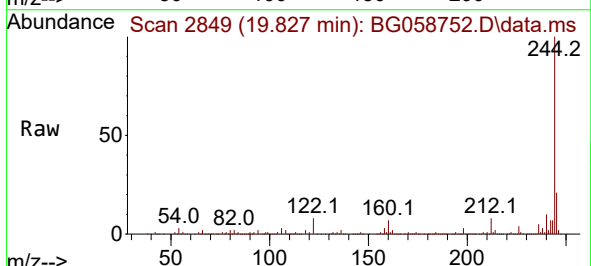
Tgt Ion:184 Resp: 14706

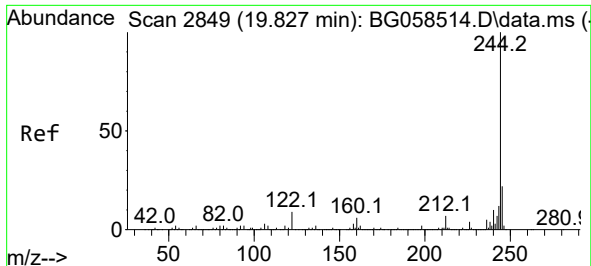
Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

183 6.1 8.7 13.1#

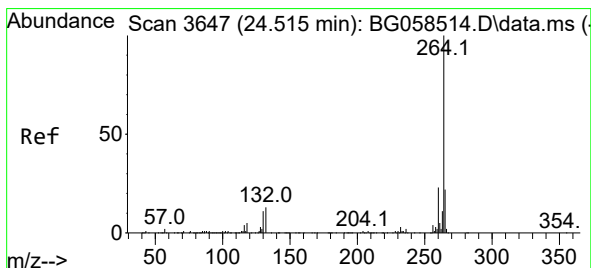
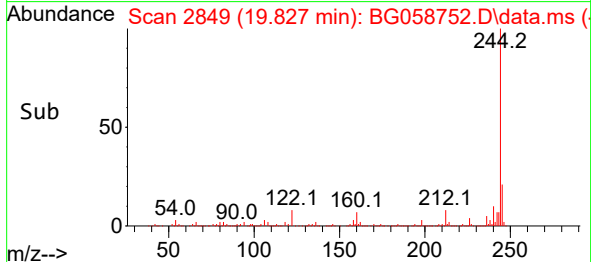
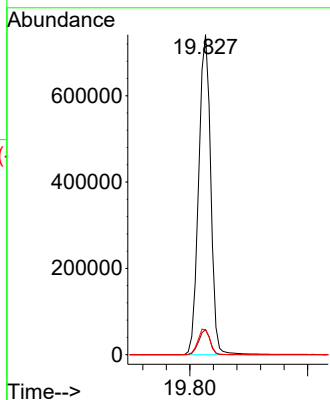
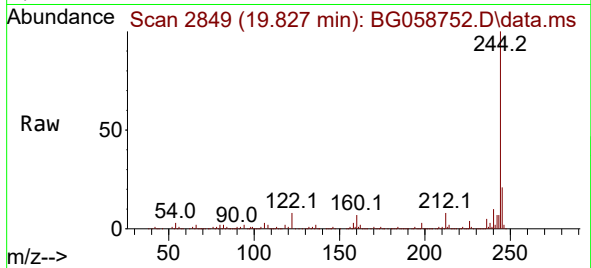




#79
 Terphenyl-d14
 Concen: 108.135 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058752.D
 Acq: 16 Aug 2023 17:29

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230811

Tgt Ion:244 Resp: 1049718
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 7.8 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058752.D
 Acq: 16 Aug 2023 17:29

Tgt Ion:264 Resp: 220414
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.1 17.9 26.9

