

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058559.D
 Acq On : 1 Aug 2023 12:37
 Operator : MA/JU
 Sample : 03769-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P31A

Quant Time: Aug 01 19:01:41 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)

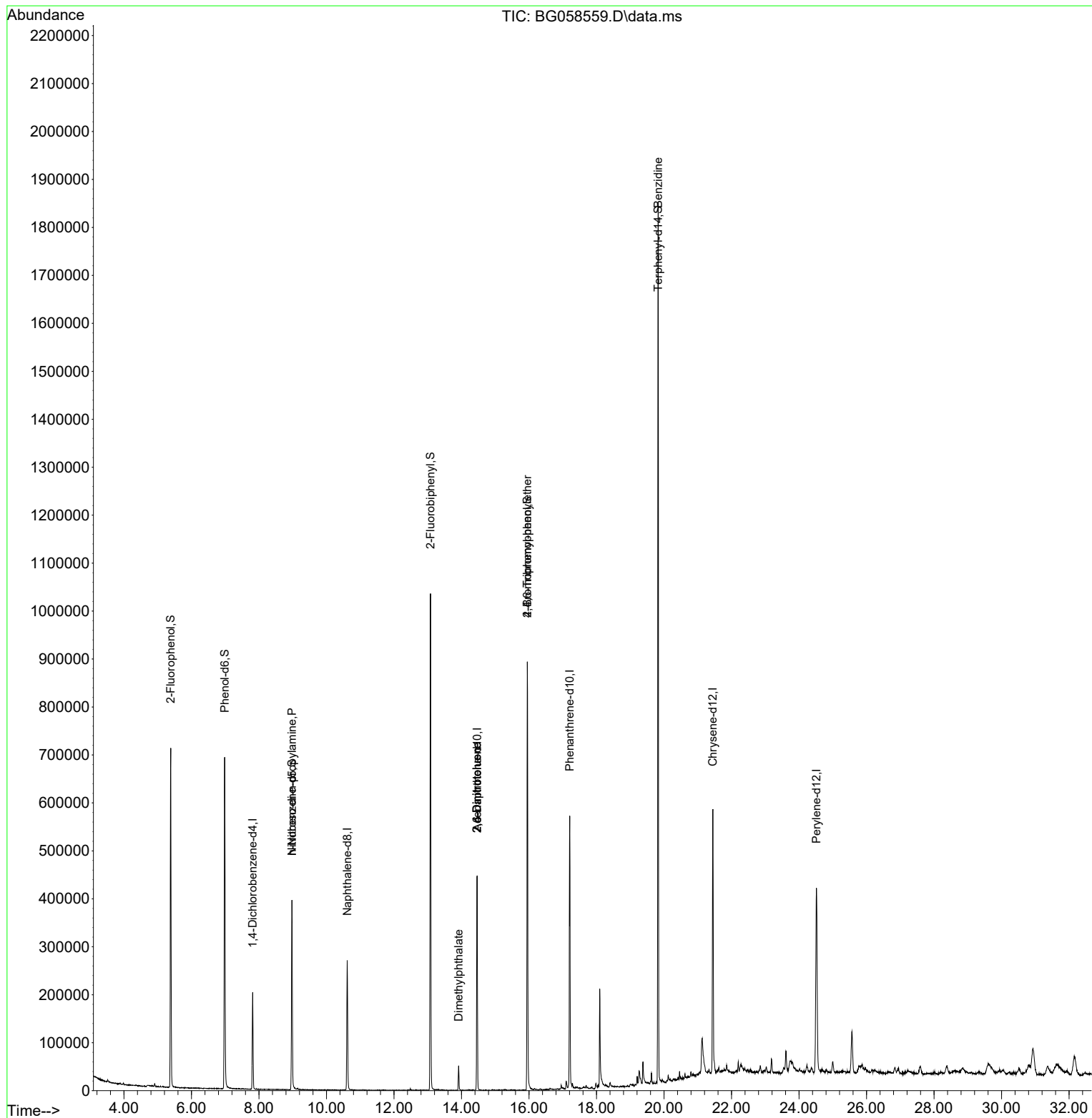
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	55369	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	237454	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	168811	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	379595	20.000	ng	0.00
76) Chrysene-d12	21.443	240	333616	20.000	ng	0.00
86) Perylene-d12	24.516	264	414312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	305136	84.233	ng	0.00
7) Phenol-d6	6.983	99	428957	85.099	ng	0.00
23) Nitrobenzene-d5	8.975	82	248459	51.402	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	198963	71.907	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	584324	51.872	ng	0.00
79) Terphenyl-d14	19.827	244	998650	56.292	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	31056	9.538	ng	Qvalue 73
50) Dimethylphthalate	13.916	163	37003	2.919	ng	# 98
51) 2,6-Dinitrotoluene	14.457	165	21399	7.692	ng	# 24
57) 2,4-Dinitrotoluene	14.457	165	21399	5.549	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	12396	2.879	ng	# 1
77) Benzidine	19.821	184	12820	2.534	ng	# 91

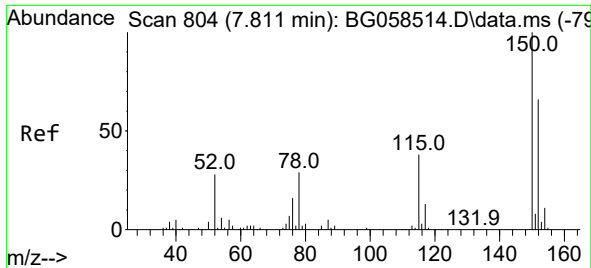
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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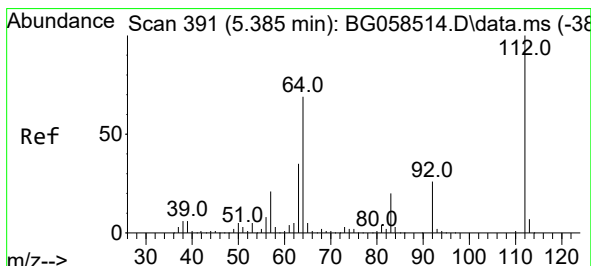
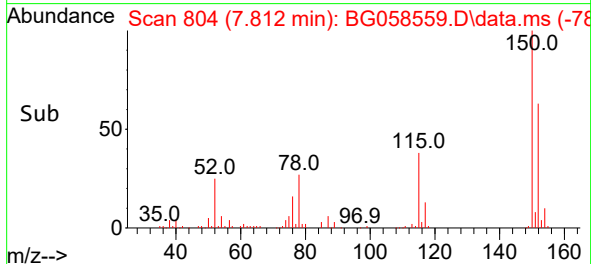
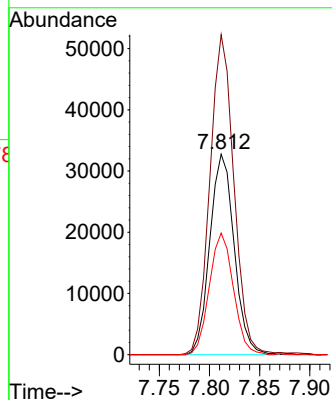
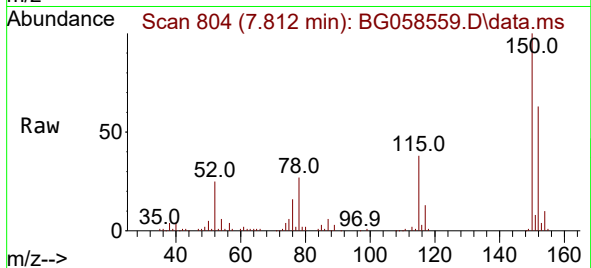




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

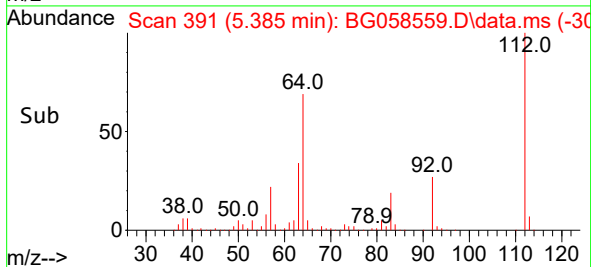
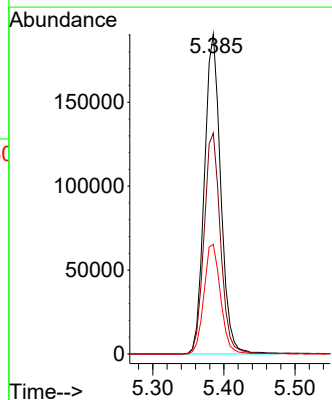
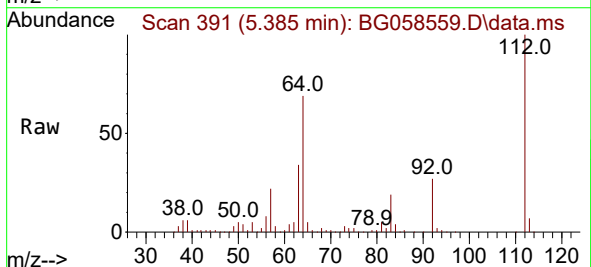
Instrument :
BNA_G
ClientSampleId :
B-P31A

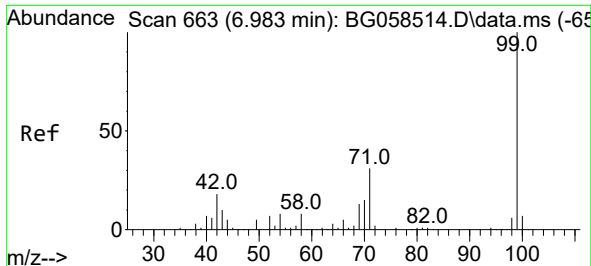
Tgt Ion:152 Resp: 55369
Ion Ratio Lower Upper
152 100
150 159.6 120.5 180.7
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 84.233 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion:112 Resp: 305136
Ion Ratio Lower Upper
112 100
64 69.0 55.3 82.9
63 34.2 28.3 42.5

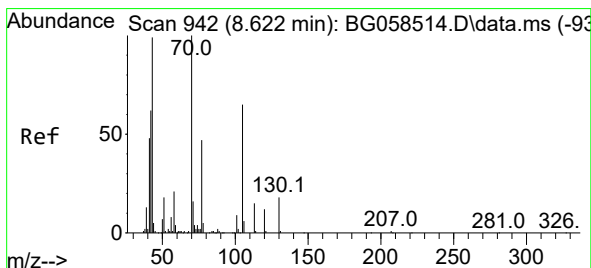
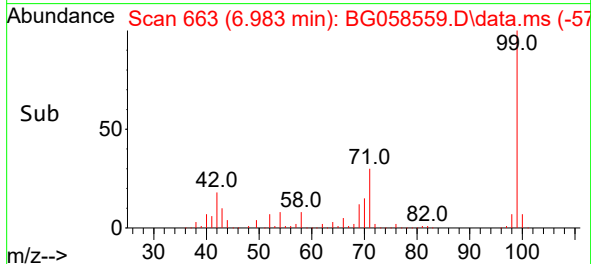
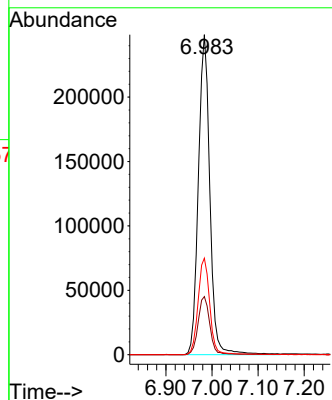
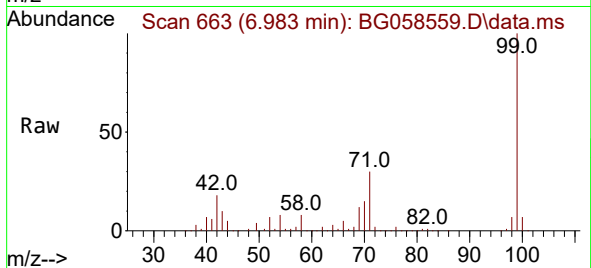




#7
Phenol-d6
Concen: 85.099 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

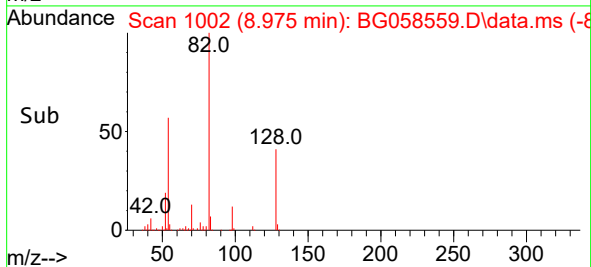
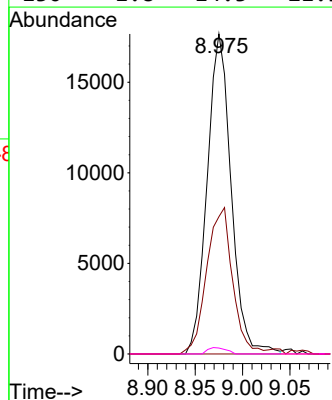
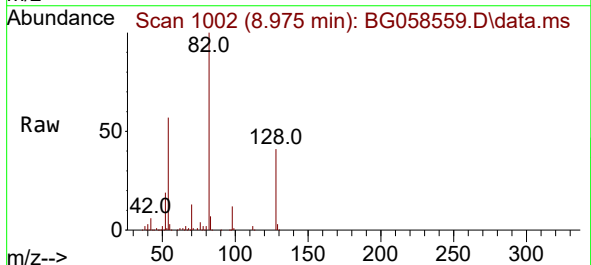
Instrument :
BNA_G
ClientSampleId :
B-P31A

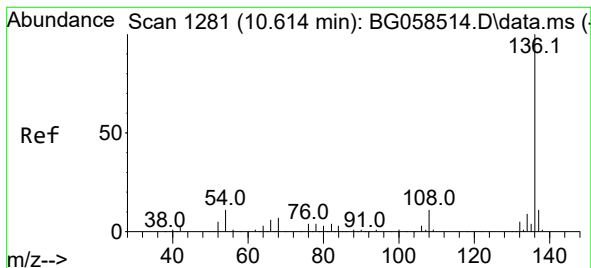
Tgt Ion: 99 Resp: 428957
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 30.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.538 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion: 70 Resp: 31056
Ion Ratio Lower Upper
70 100
42 42.9 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG058559.D

Acq: 1 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

B-P31A

Tgt Ion:136 Resp: 237454

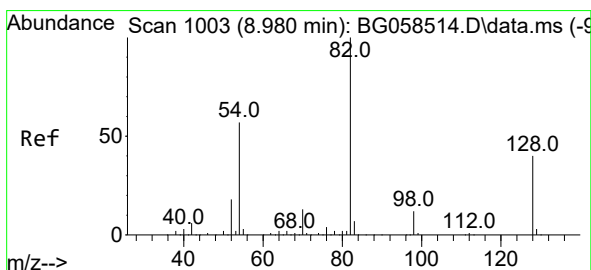
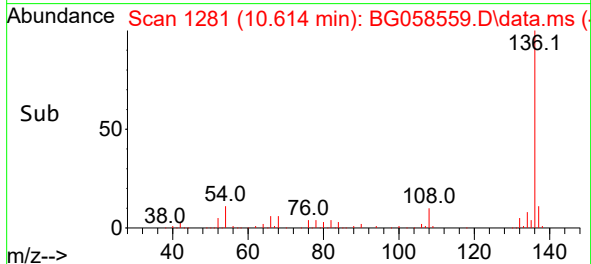
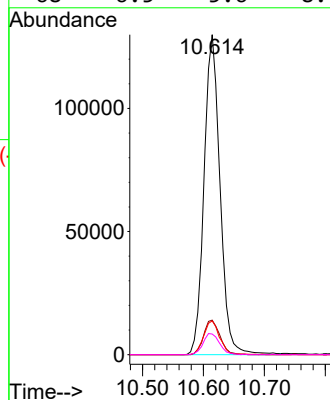
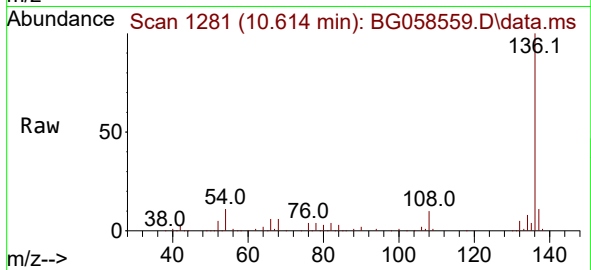
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.5 8.9 13.3

68 6.5 5.6 8.4



#23

Nitrobenzene-d5

Concen: 51.402 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058559.D

Acq: 1 Aug 2023 12:37

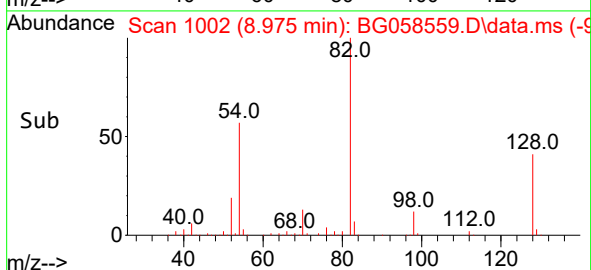
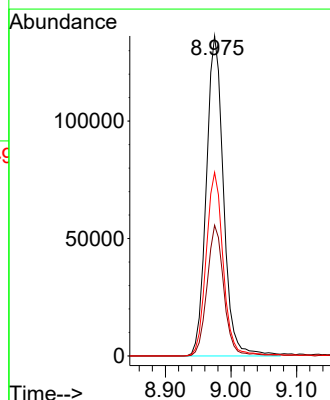
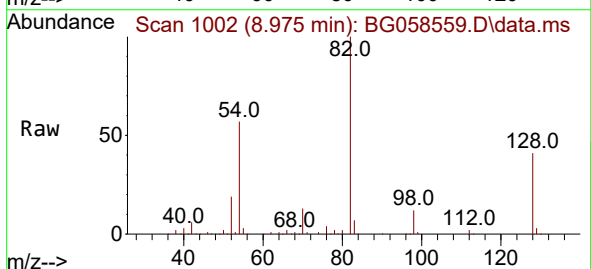
Tgt Ion: 82 Resp: 248459

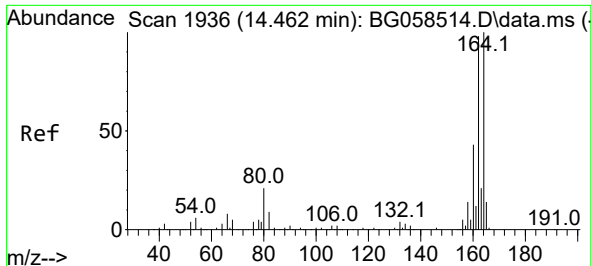
Ion Ratio Lower Upper

82 100

128 40.9 32.2 48.2

54 57.4 46.0 69.0

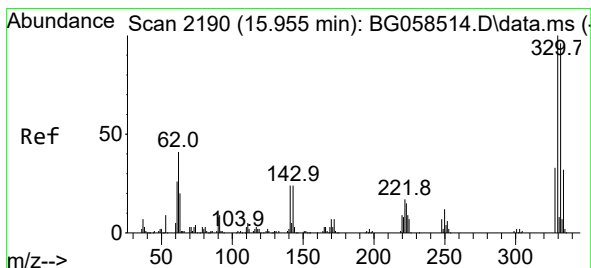
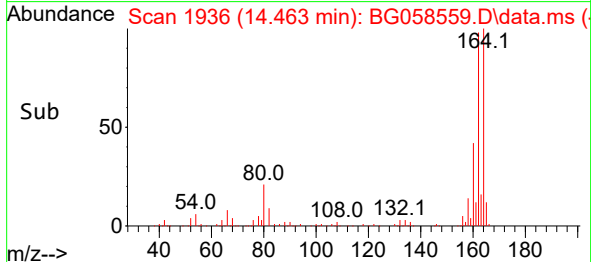
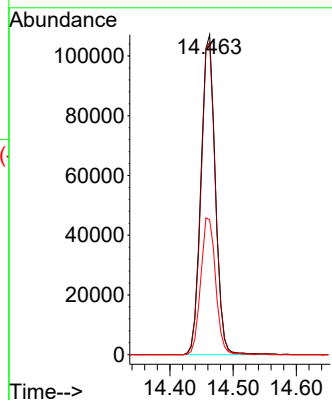
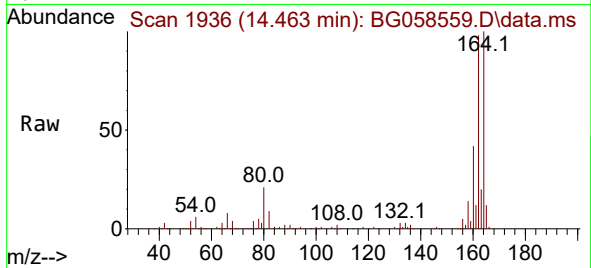




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

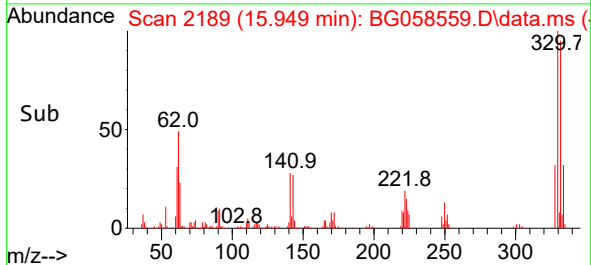
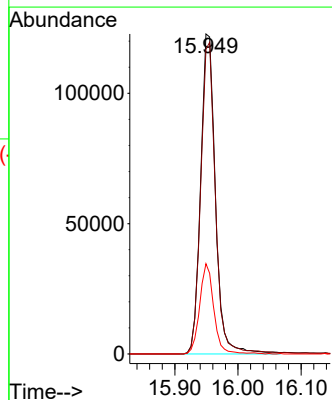
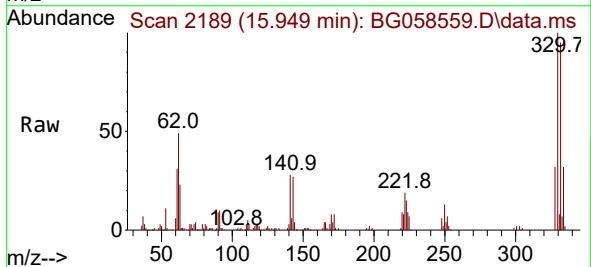
Instrument :
BNA_G
ClientSampleId :
B-P31A

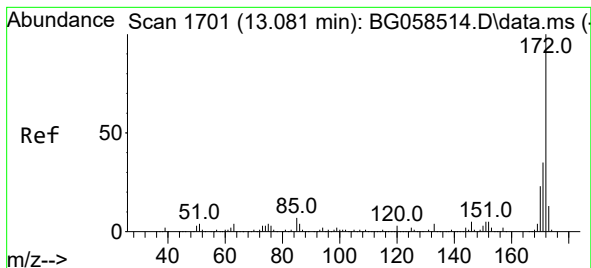
Tgt Ion:164 Resp: 168811
Ion Ratio Lower Upper
164 100
162 97.6 78.3 117.5
160 42.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 71.907 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion:330 Resp: 198963
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 26.8 20.7 31.1

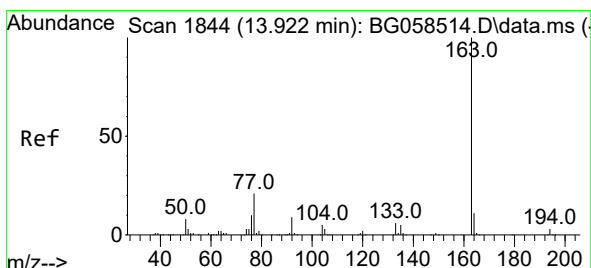
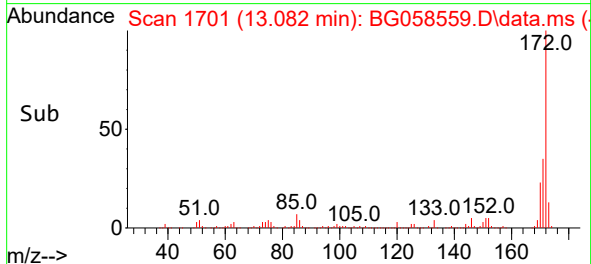
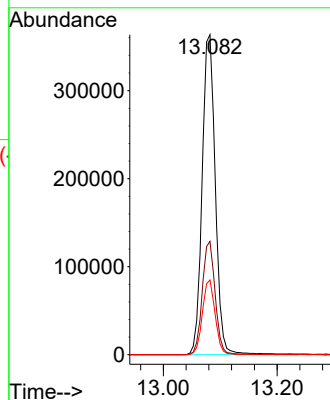
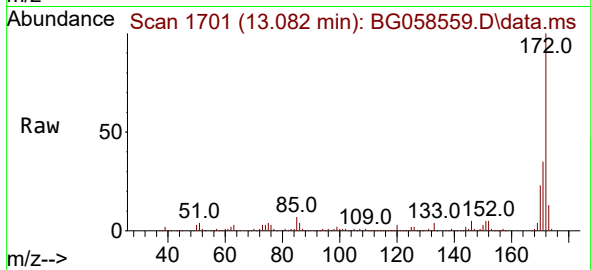




#45
2-Fluorobiphenyl
Concen: 51.872 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

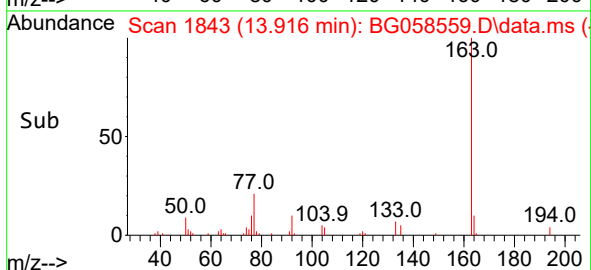
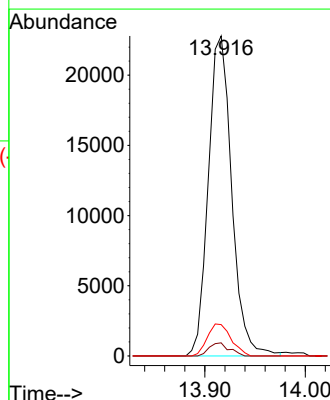
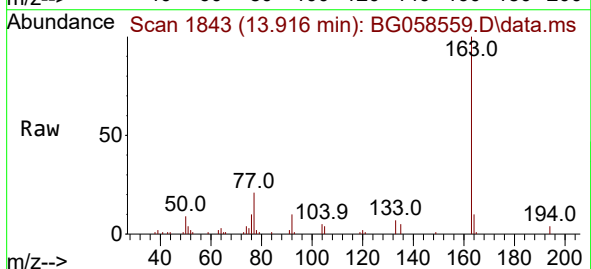
Instrument :
BNA_G
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B-P31A

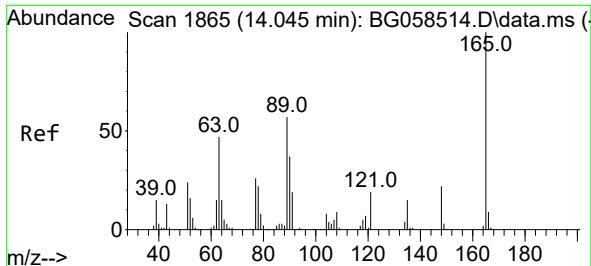
Tgt Ion:172 Resp: 584324
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.4 27.6



#50
Dimethylphthalate
Concen: 2.919 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion:163 Resp: 37003
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.8 8.6 12.8

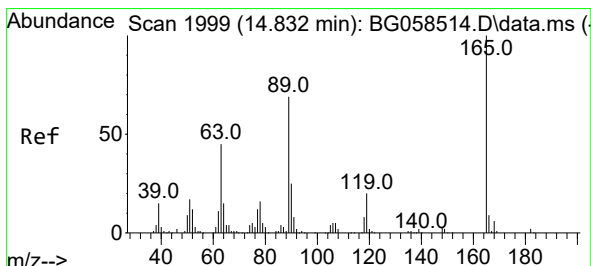
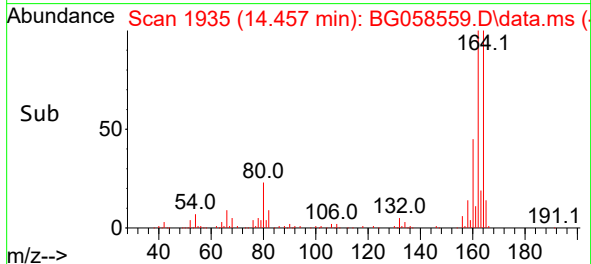
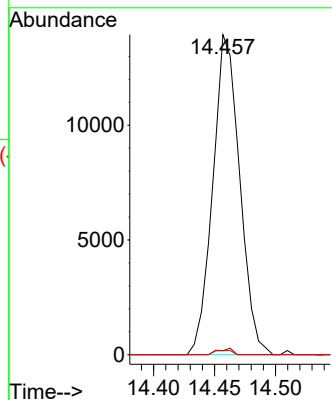
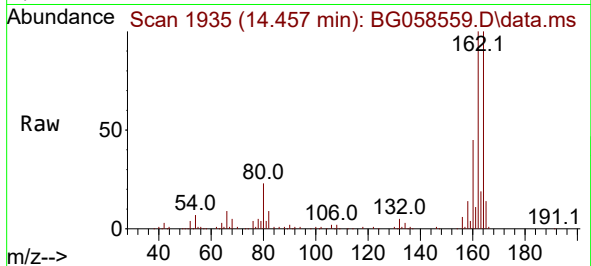




#51
2,6-Dinitrotoluene
Concen: 7.692 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

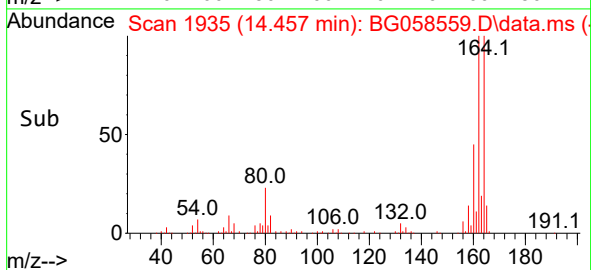
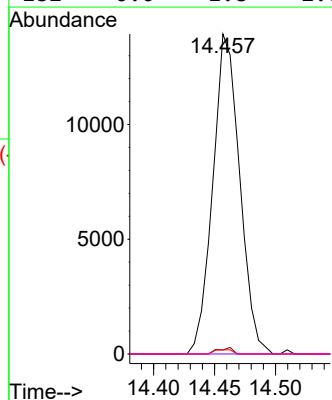
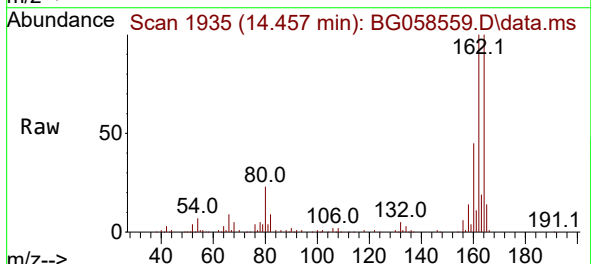
Instrument :
BNA_G
ClientSampleId :
B-P31A

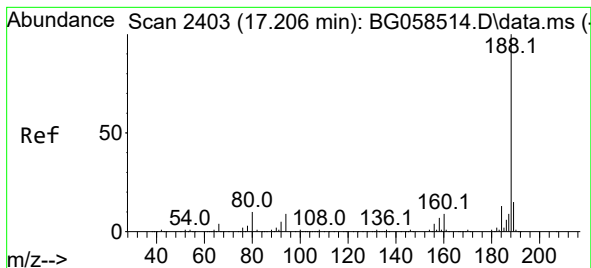
Tgt Ion:165 Resp: 21399
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.3 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.549 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.375 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion:165 Resp: 21399
Ion Ratio Lower Upper
165 100
63 1.3 36.6 54.8#
89 1.3 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG058559.D

Acq: 1 Aug 2023 12:37

Instrument :

BNA_G

ClientSampleId :

B-P31A

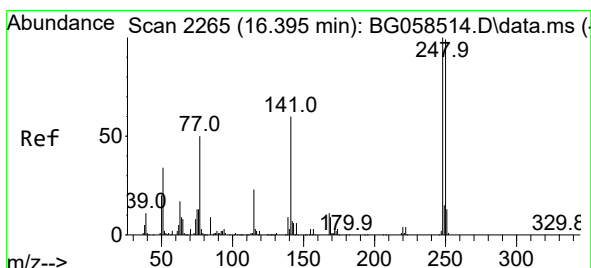
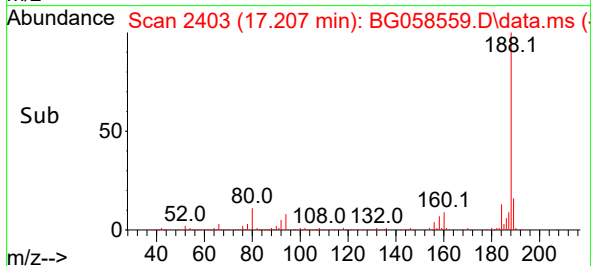
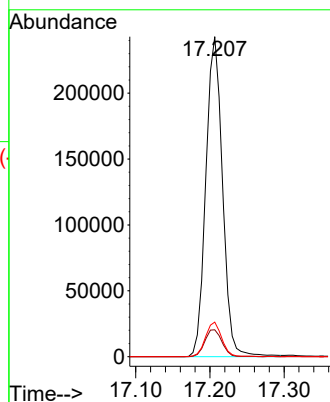
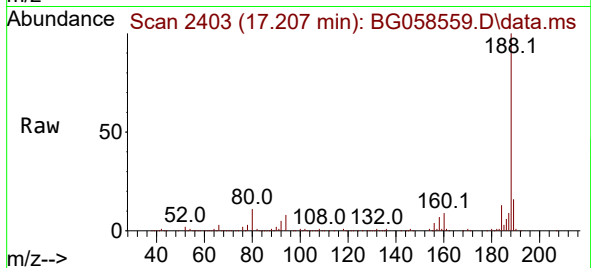
Tgt Ion:188 Resp: 379595

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 10.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.879 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.446 min

Lab File: BG058559.D

Acq: 1 Aug 2023 12:37

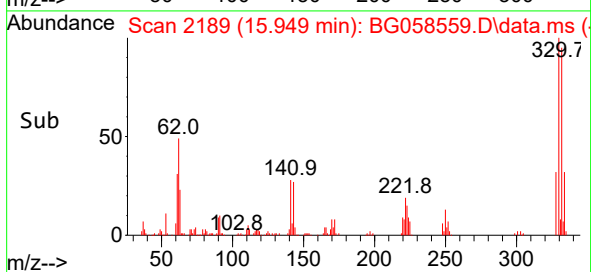
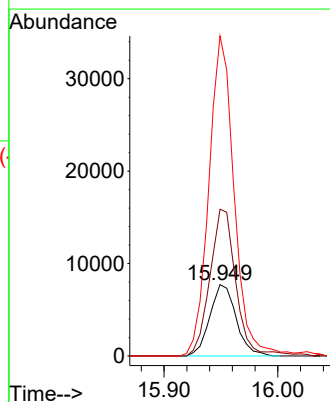
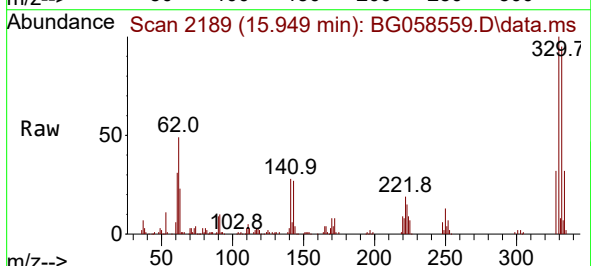
Tgt Ion:248 Resp: 12396

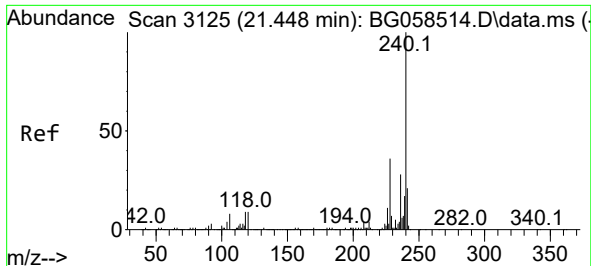
Ion Ratio Lower Upper

248 100

250 205.4 79.5 119.3#

141 448.0 48.2 72.2#

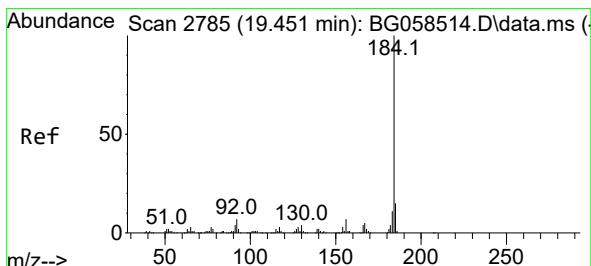
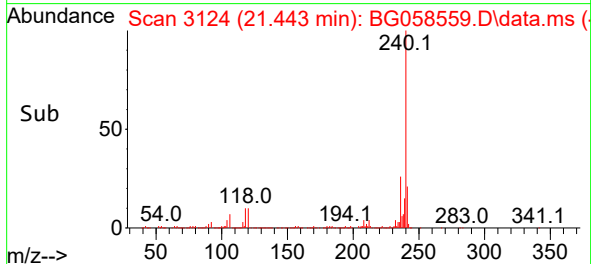
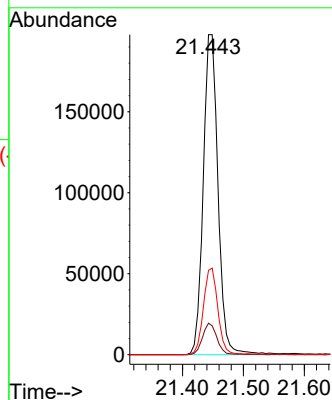
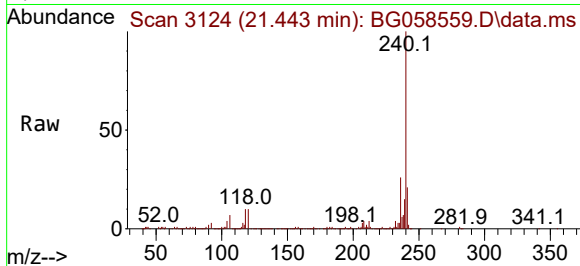




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

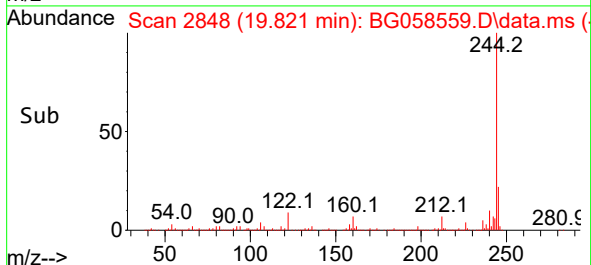
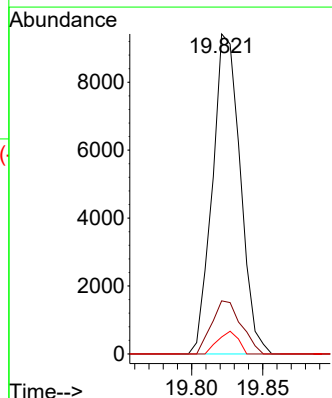
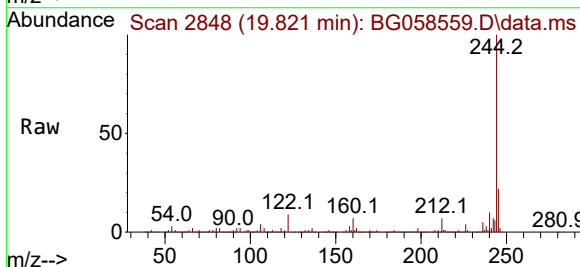
Instrument :
BNA_G
ClientSampleId :
B-P31A

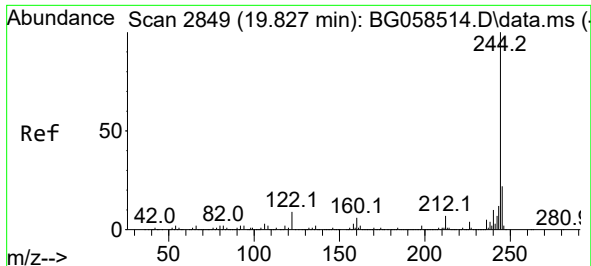
Tgt Ion:240 Resp: 333616
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.3 22.2 33.4



#77
Benzidine
Concen: 2.534 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.371 min
Lab File: BG058559.D
Acq: 1 Aug 2023 12:37

Tgt Ion:184 Resp: 12820
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 5.3 8.7 13.1#

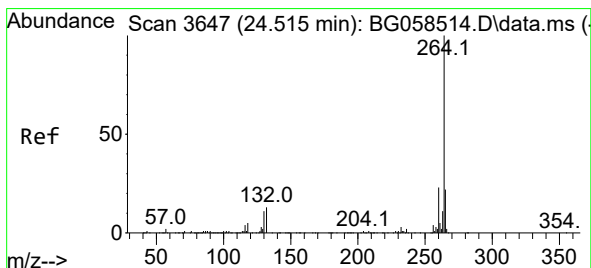
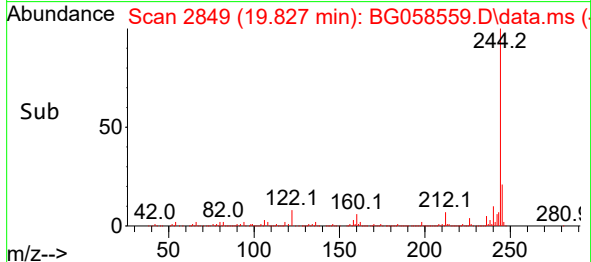
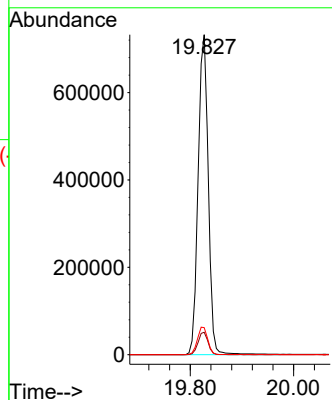
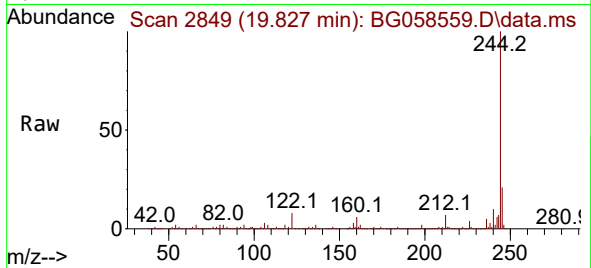




#79
 Terphenyl-d14
 Concen: 56.292 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058559.D
 Acq: 1 Aug 2023 12:37

Instrument :
 BNA_G
 ClientSampleId :
 B-P31A

Tgt Ion:244 Resp: 998650
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BG058559.D
 Acq: 1 Aug 2023 12:37

Tgt Ion:264 Resp: 414312
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.1 17.9 26.9

