

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058606.D
 Acq On : 4 Aug 2023 11:24
 Operator : MA/JU
 Sample : 03877-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Aug 04 12:12:01 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)

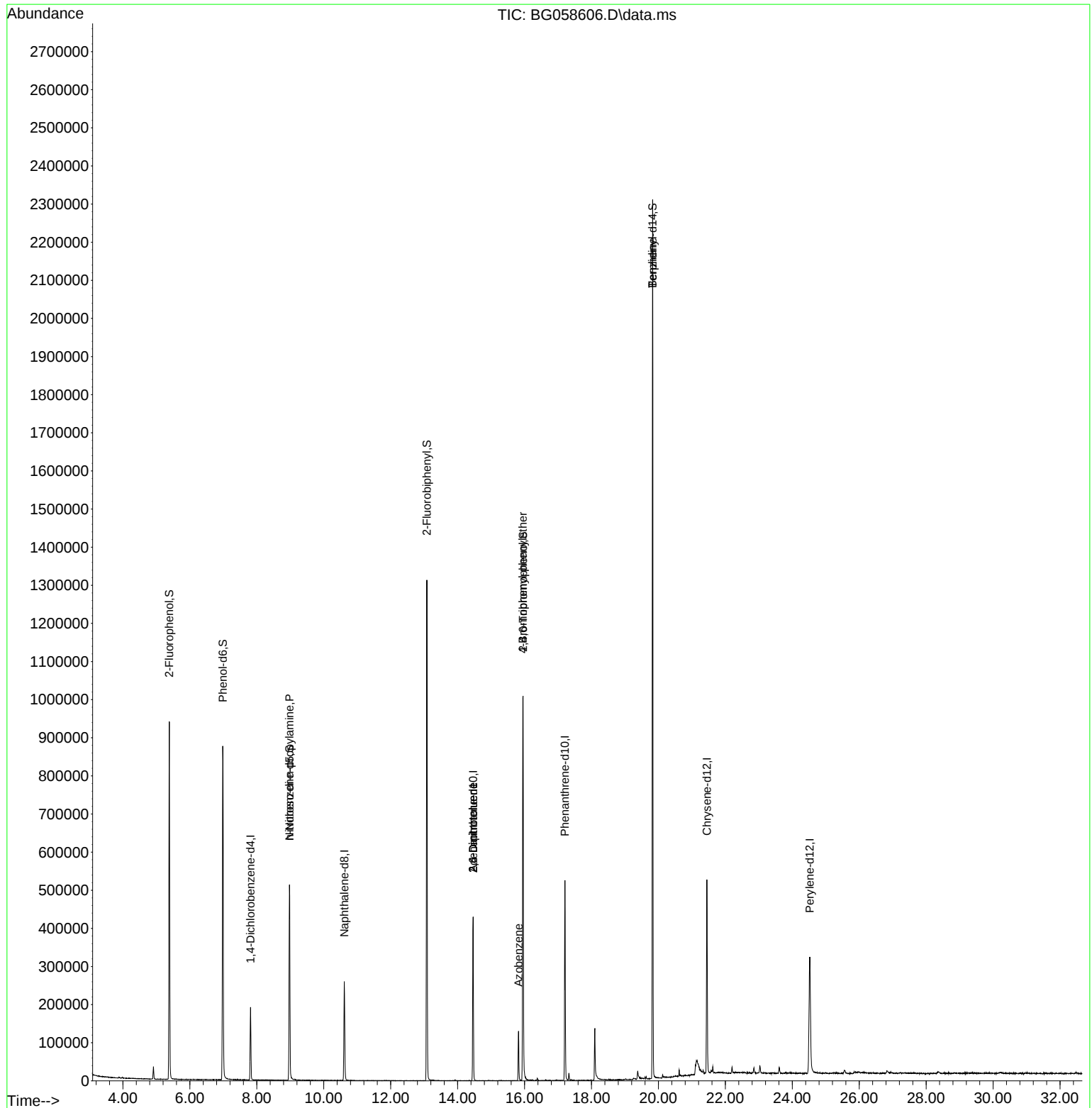
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	52080	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	225357	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	154264	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	343621	20.000	ng	0.00
76) Chrysene-d12	21.448	240	306498	20.000	ng	0.00
86) Perylene-d12	24.521	264	375370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	395763	116.150	ng	0.00
7) Phenol-d6	6.982	99	545623	115.079	ng	0.00
23) Nitrobenzene-d5	8.974	82	329147	71.750	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	241330	95.444	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	728831	70.802	ng	0.00
79) Terphenyl-d14	19.826	244	1181645	72.500	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	40610	13.260	ng	Qvalue
51) 2,6-Dinitrotoluene	14.462	165	19810	7.793	ng	# 78
57) 2,4-Dinitrotoluene	14.462	165	19810	5.621	ng	# 22
63) Azobenzene	15.819	77	39352	3.385	ng	# 23
67) 4-Bromophenyl-phenylether	15.948	248	14843	3.808	ng	# 1
77) Benzidine	19.826	184	14244	3.065	ng	# 1

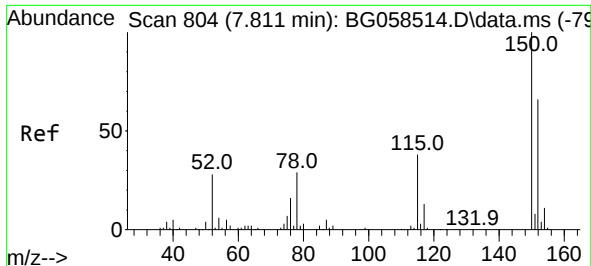
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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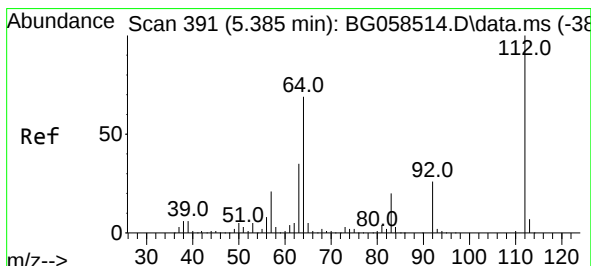
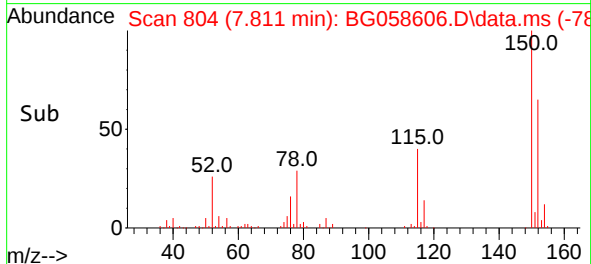
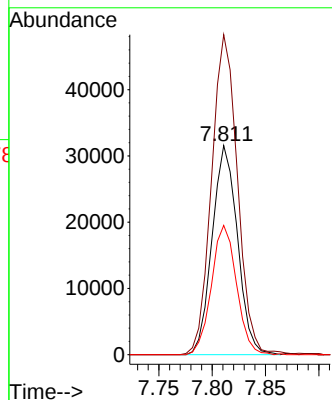
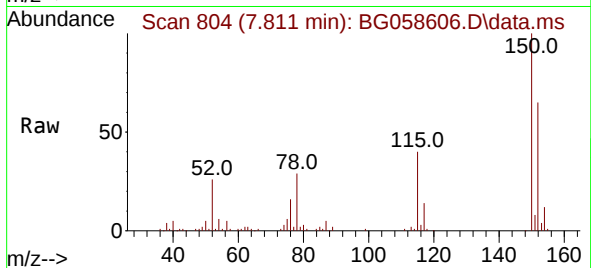




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

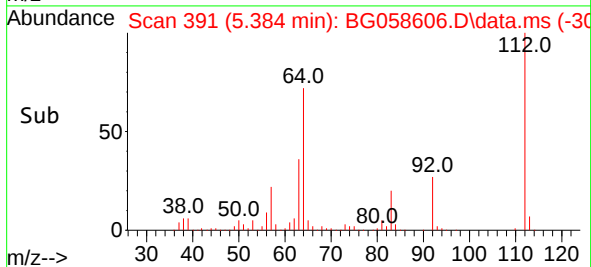
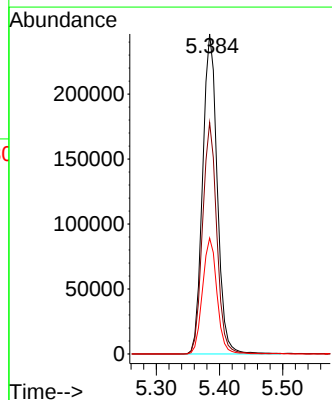
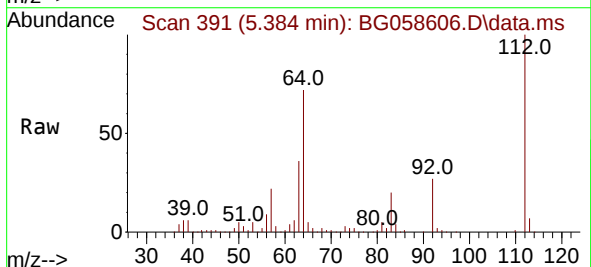
Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 52080
Ion Ratio Lower Upper
152 100
150 153.1 120.5 180.7
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 116.150 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

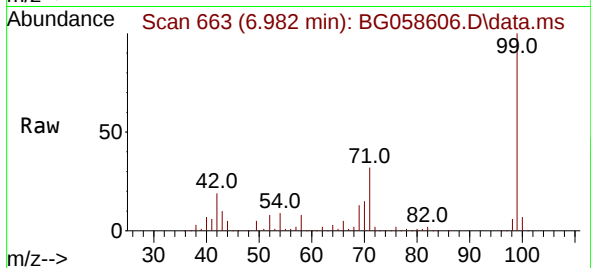
Tgt Ion:112 Resp: 395763
Ion Ratio Lower Upper
112 100
64 72.3 55.3 82.9
63 36.2 28.3 42.5



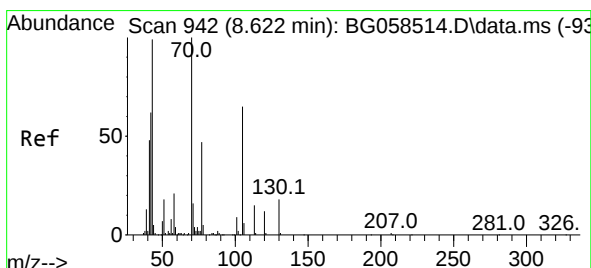
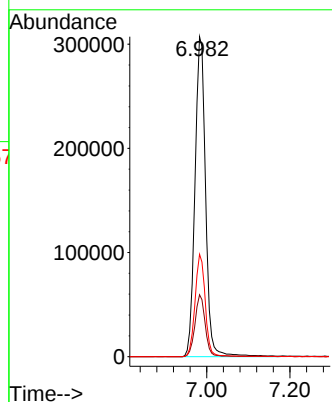
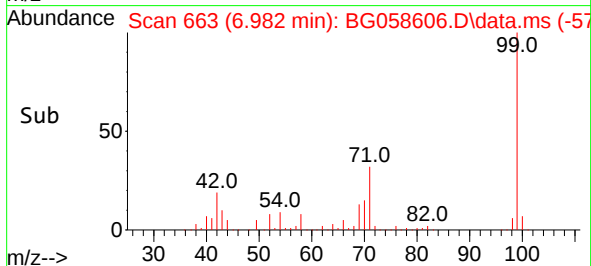


#7
Phenol-d6
Concen: 115.079 ng
RT: 6.982 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

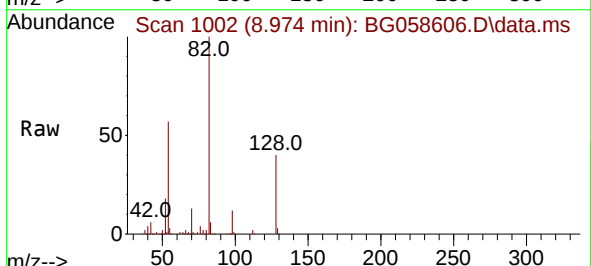
Instrument :
BNA_G
ClientSampleId :
COMP-3



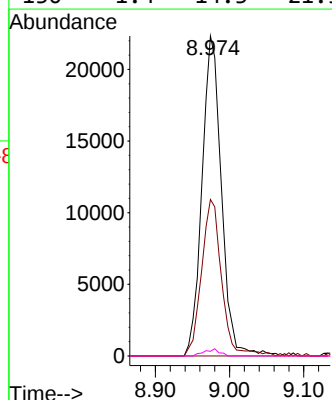
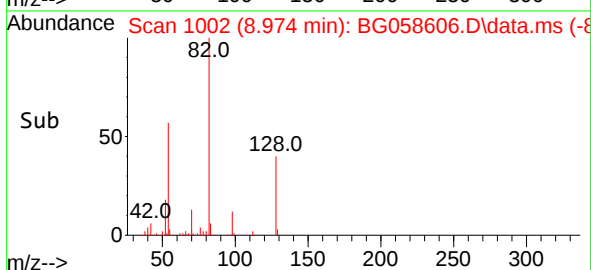
Tgt Ion: 99 Resp: 545623
Ion Ratio Lower Upper
99 100
42 19.4 14.6 21.8
71 32.0 25.0 37.4

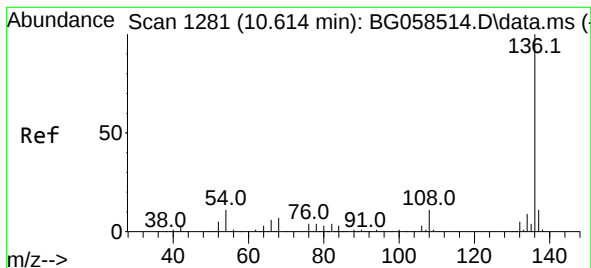


#19
n-Nitroso-di-n-propylamine
Concen: 13.260 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24



Tgt Ion: 70 Resp: 40610
Ion Ratio Lower Upper
70 100
42 48.9 49.7 74.5#
101 0.0 7.0 10.4#
130 1.4 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.613 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058606.D

Acq: 4 Aug 2023 11:24

Instrument :

BNA_G

ClientSampleId :

COMP-3

Tgt Ion:136 Resp: 225357

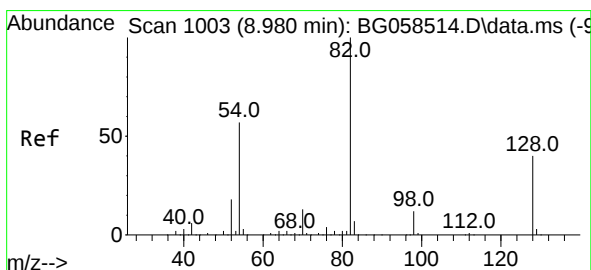
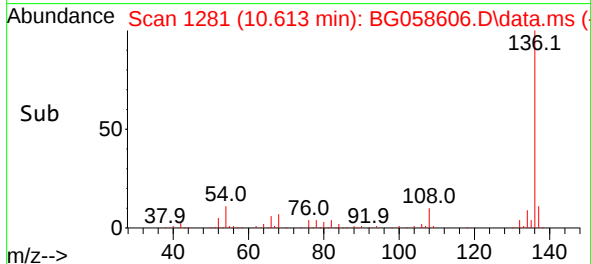
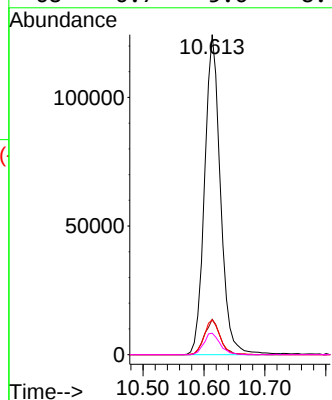
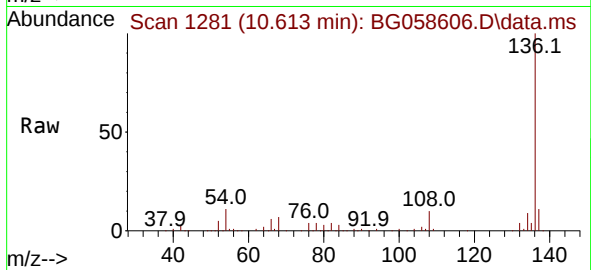
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.9 8.9 13.3

68 6.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 71.750 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058606.D

Acq: 4 Aug 2023 11:24

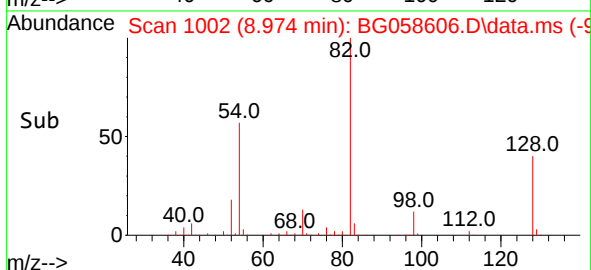
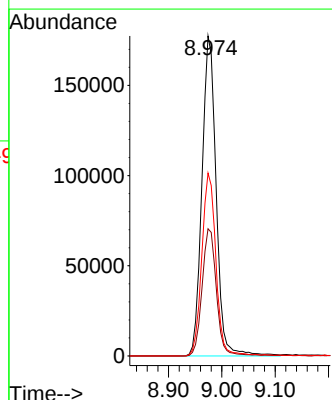
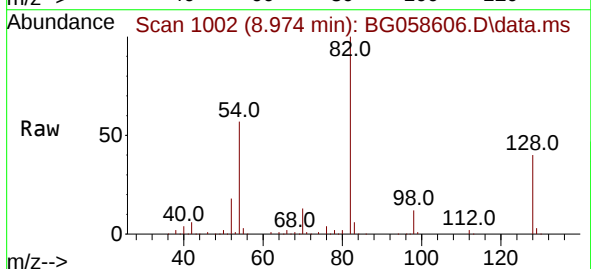
Tgt Ion: 82 Resp: 329147

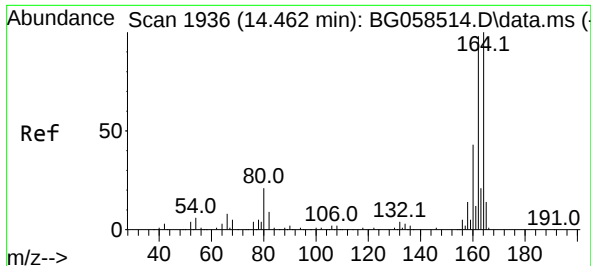
Ion Ratio Lower Upper

82 100

128 39.7 32.2 48.2

54 57.1 46.0 69.0

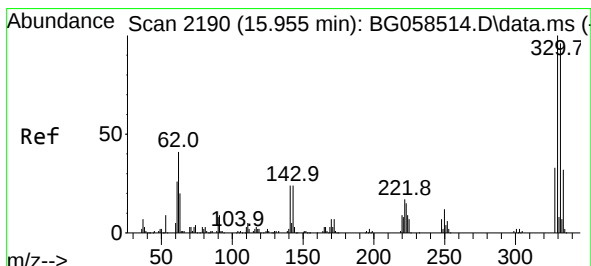
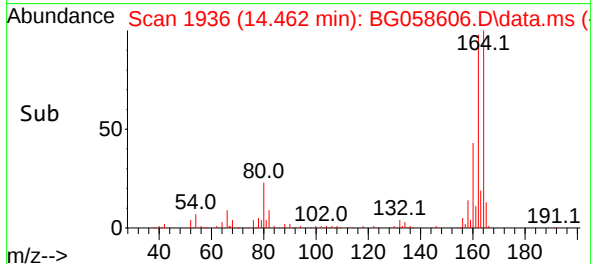
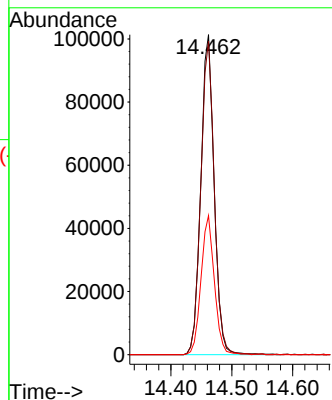
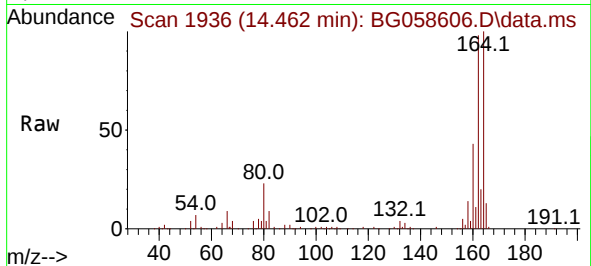




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

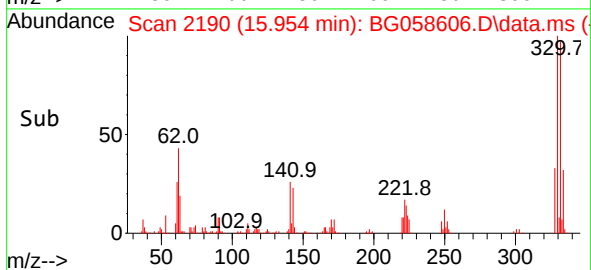
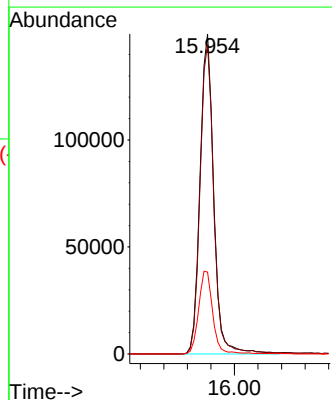
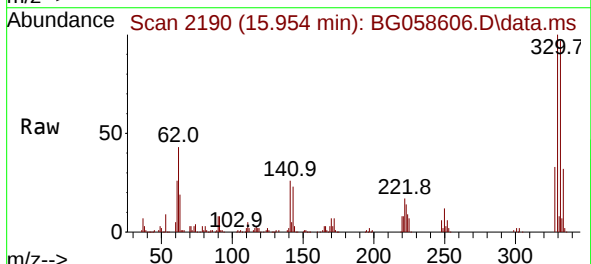
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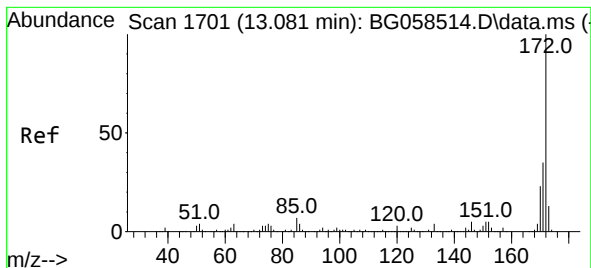
Tgt Ion:164 Resp: 154264
Ion Ratio Lower Upper
164 100
162 98.0 78.3 117.5
160 43.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 95.444 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

Tgt Ion:330 Resp: 241330
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 26.7 20.7 31.1

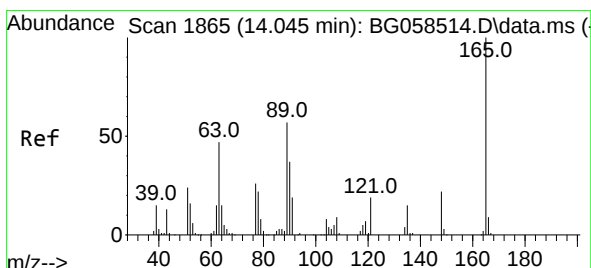
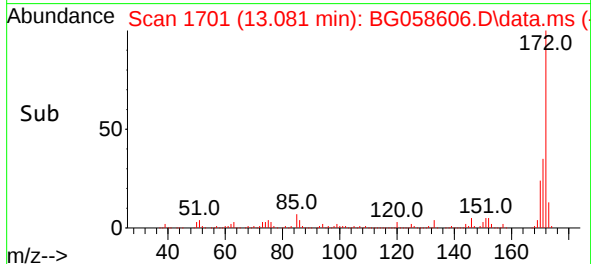
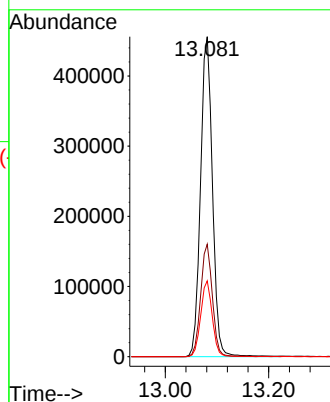
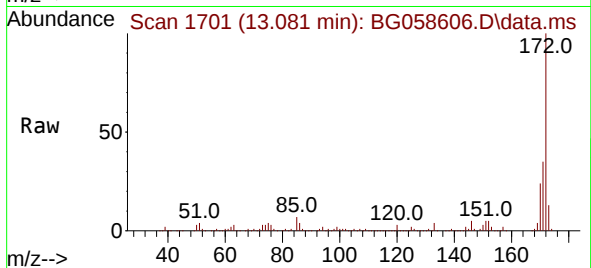




#45
2-Fluorobiphenyl
Concen: 70.802 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

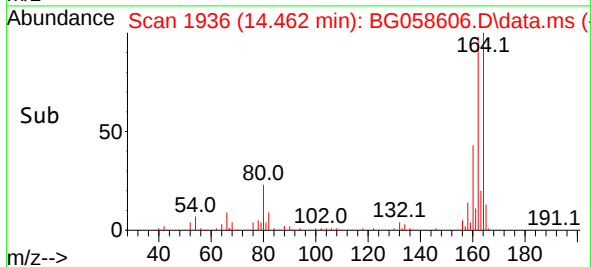
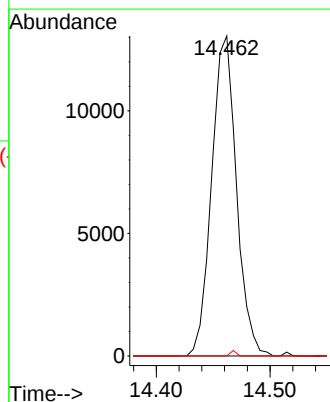
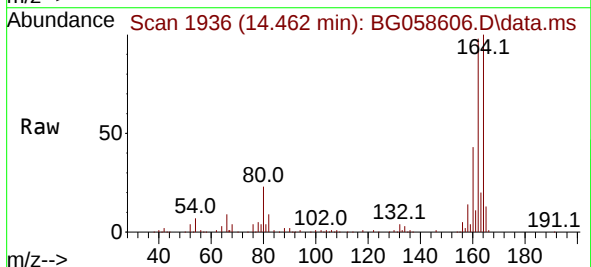
Instrument :
BNA_G
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COMP-3

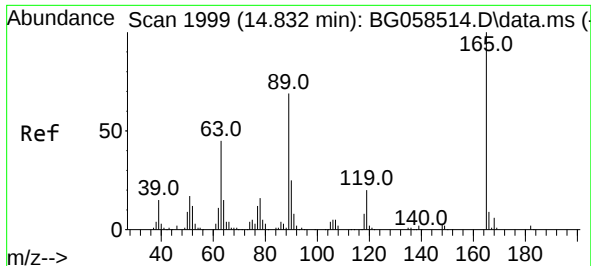
Tgt Ion:172 Resp: 728831
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

Tgt Ion:165 Resp: 19810
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

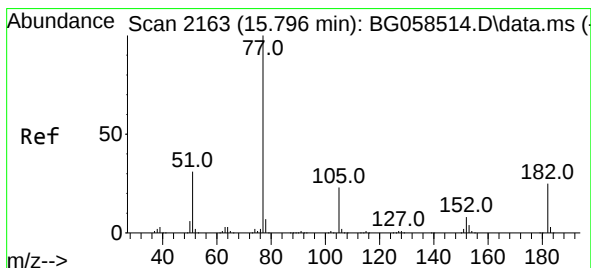
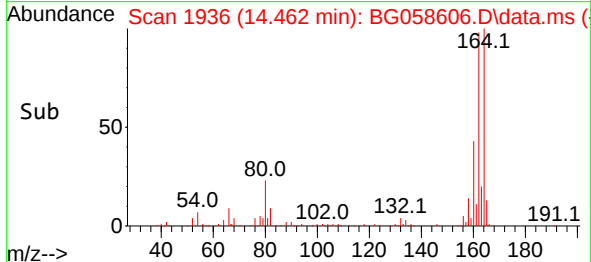
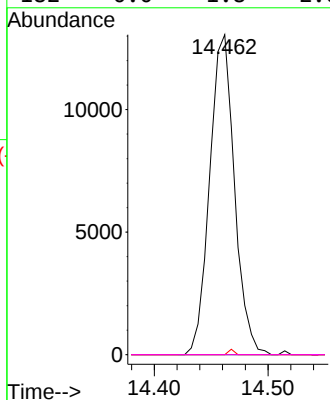
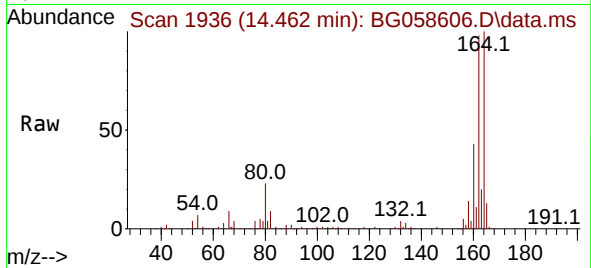




#57
2,4-Dinitrotoluene
Concen: 5.621 ng
RT: 14.462 min Scan# 1999
Delta R.T. -0.370 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

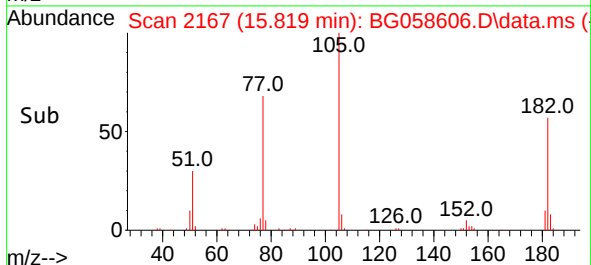
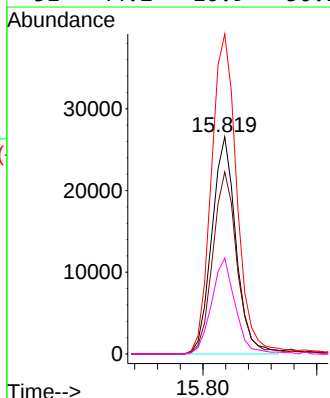
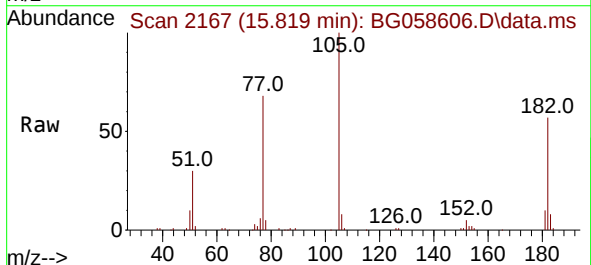
Instrument :
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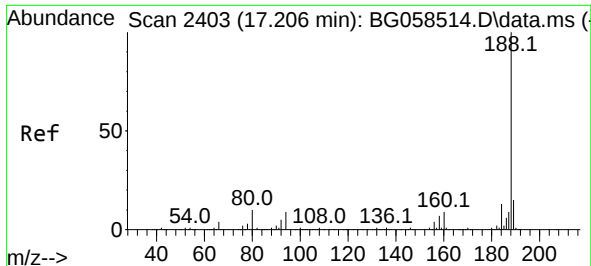
Tgt Ion:165 Resp: 19810
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#63
Azobenzene
Concen: 3.385 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.023 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

Tgt Ion: 77 Resp: 39352
Ion Ratio Lower Upper
77 100
182 83.8 4.6 44.6#
105 147.4 3.3 43.3#
51 44.2 10.9 50.9

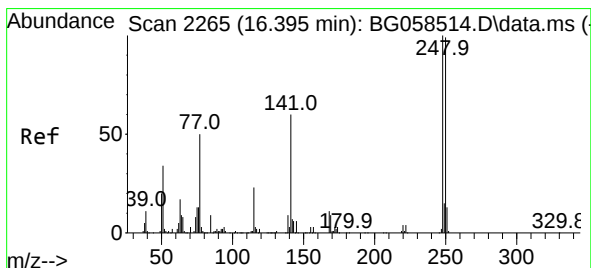
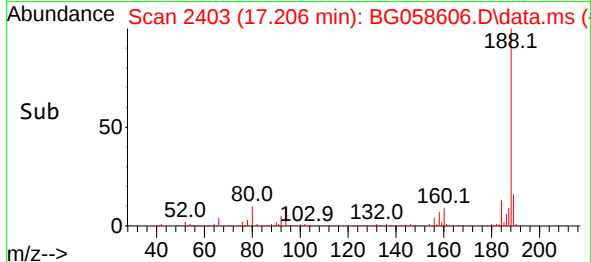
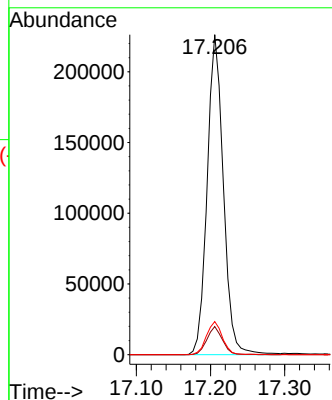
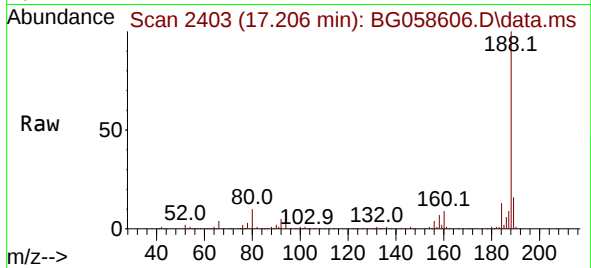




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

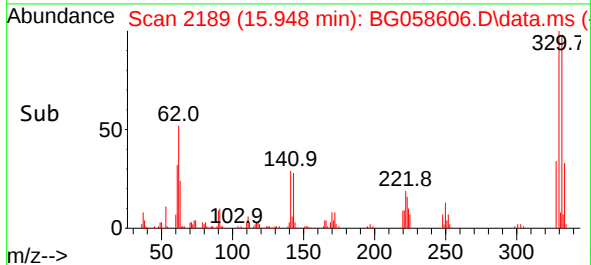
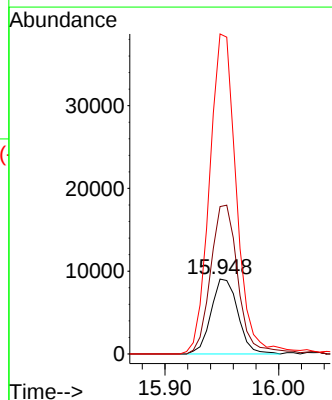
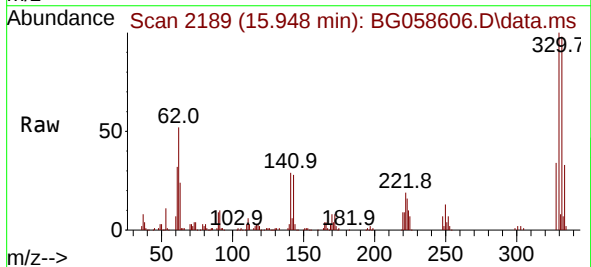
Instrument :
BNA_G
ClientSampleId :
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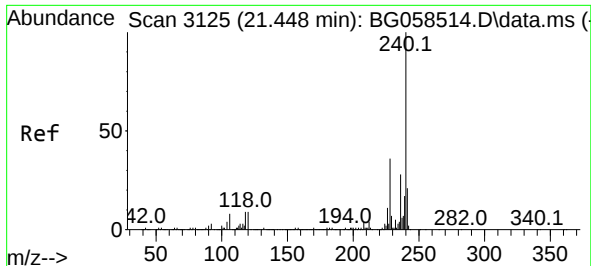
Tgt Ion:188 Resp: 343621
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.3 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 15.948 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

Tgt Ion:248 Resp: 14843
Ion Ratio Lower Upper
248 100
250 197.0 79.5 119.3#
141 427.7 48.2 72.2#

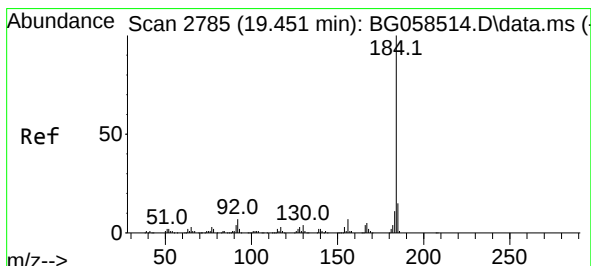
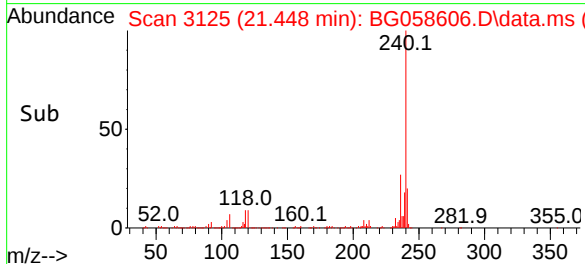
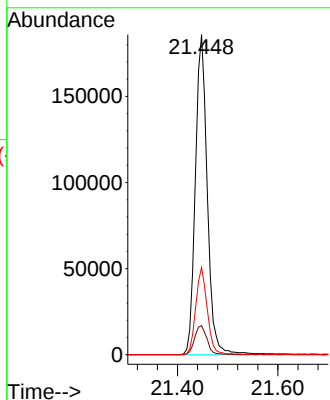
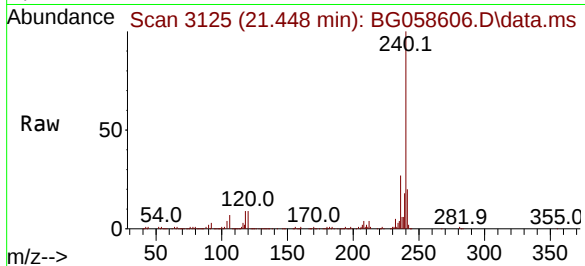




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

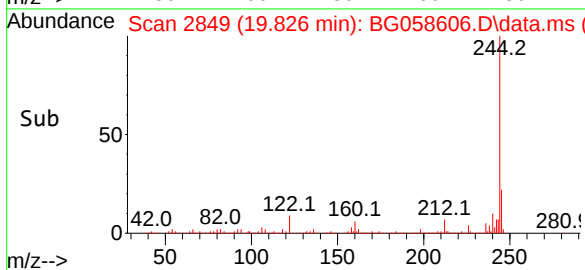
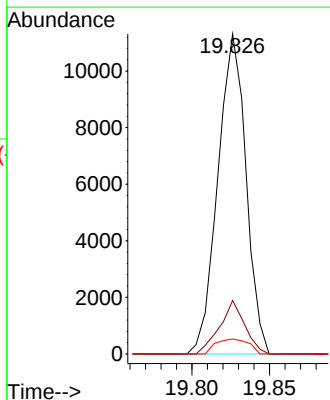
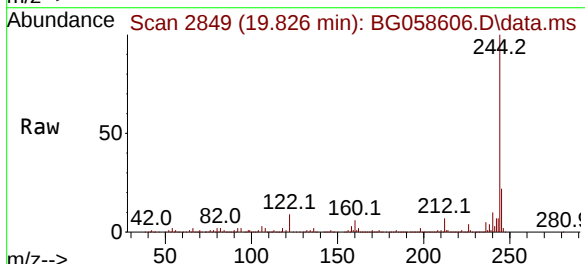
Instrument :
BNA_G
ClientSampleId :
COMP-3

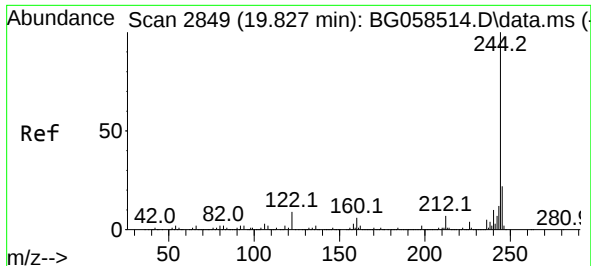
Tgt Ion:240 Resp: 306498
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.3 22.2 33.4



#77
Benzidine
Concen: 3.065 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058606.D
Acq: 4 Aug 2023 11:24

Tgt Ion:184 Resp: 14244
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 4.7 8.7 13.1#

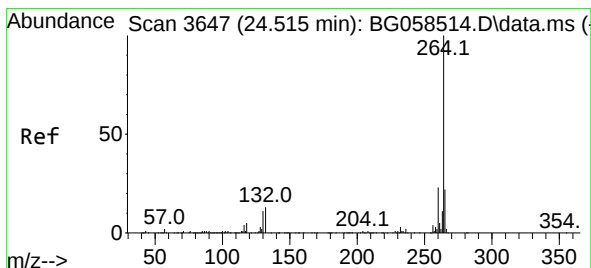
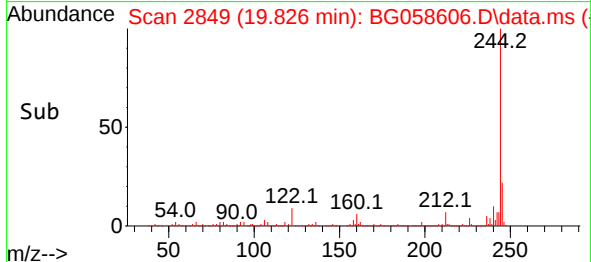
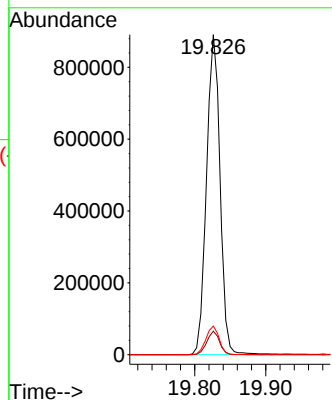
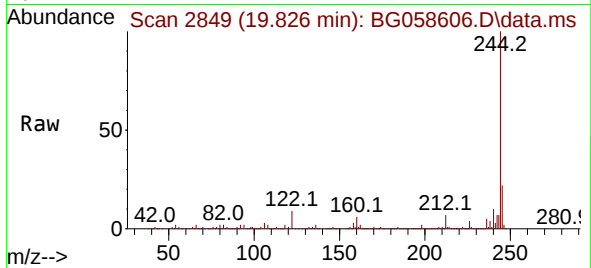




#79
 Terphenyl-d14
 Concen: 72.500 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058606.D
 Acq: 4 Aug 2023 11:24

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 1181645
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058606.D
 Acq: 4 Aug 2023 11:24

Tgt Ion:264 Resp: 375370
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.4 27.6
 265 21.7 17.9 26.9

