

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058594.D
 Acq On : 3 Aug 2023 15:40
 Operator : MA/JU
 Sample : 03854-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 16:16:30 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)

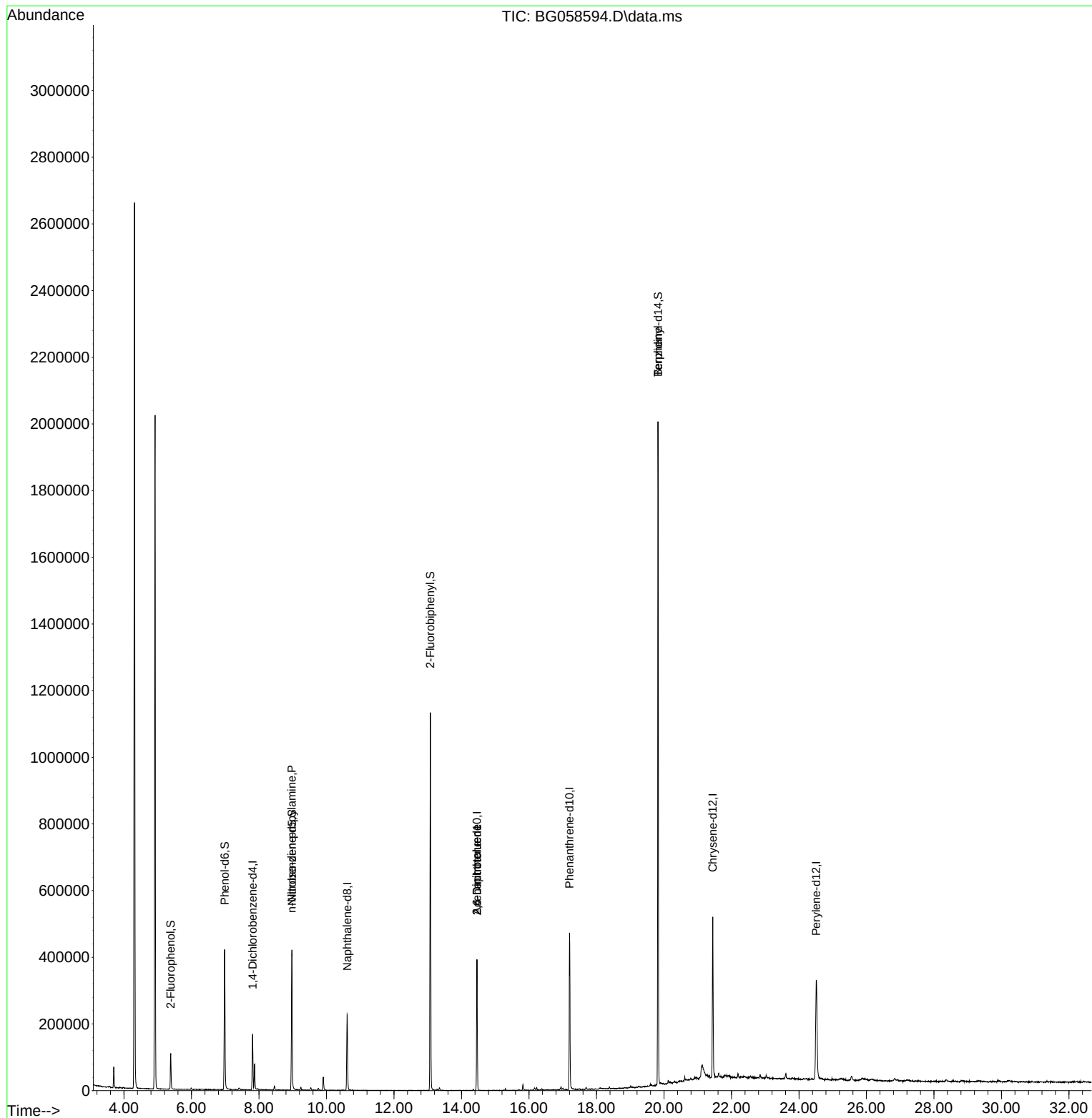
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	47621	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	203041	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	141212	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	320979	20.000	ng	0.00
76) Chrysene-d12	21.444	240	277897	20.000	ng	0.00
86) Perylene-d12	24.511	264	347681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	46389	14.889	ng	0.00
7) Phenol-d6	6.985	99	265025	61.131	ng	0.00
23) Nitrobenzene-d5	8.977	82	267878	64.812	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	460	0.199	ng	0.02
45) 2-Fluorobiphenyl	13.078	172	627188	66.559	ng	0.00
79) Terphenyl-d14	19.823	244	1037076	70.179	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.971	70	32951	11.767	ng	Qvalue
51) 2,6-Dinitrotoluene	14.458	165	18248	7.842	ng	# 79
57) 2,4-Dinitrotoluene	14.458	165	18248	5.656	ng	# 24
77) Benzidine	19.823	184	13197	3.132	ng	# 24
93) Benzidine						# 93

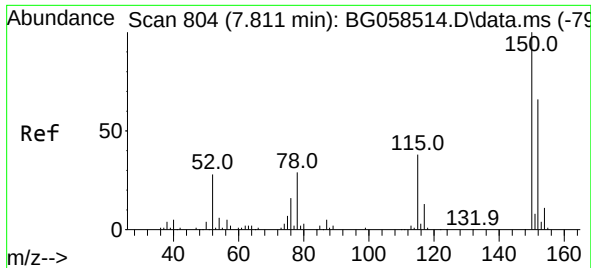
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
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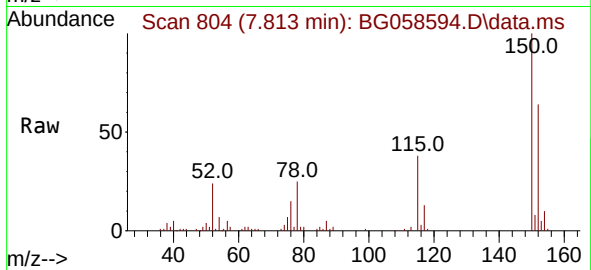
Quant Time: Aug 03 16:16:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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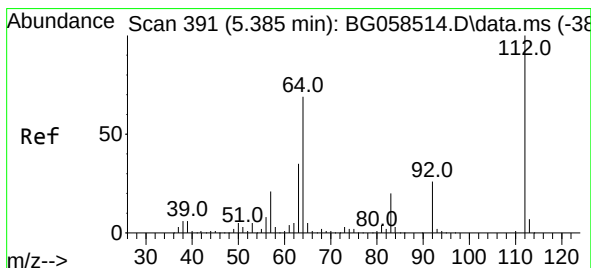
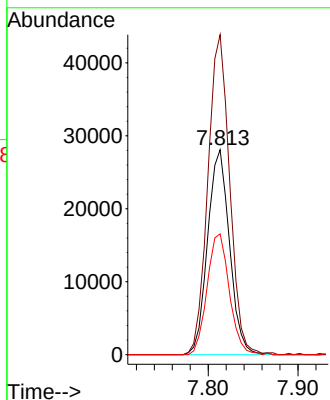
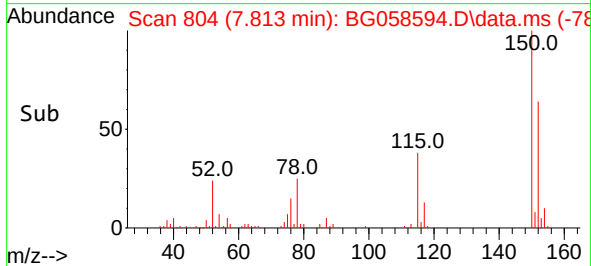


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40

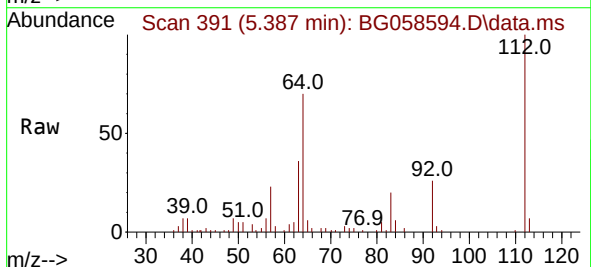
Instrument :
BNA_G
ClientSampleId :



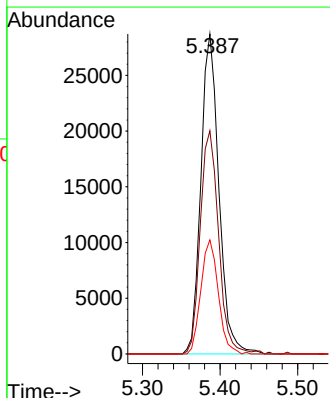
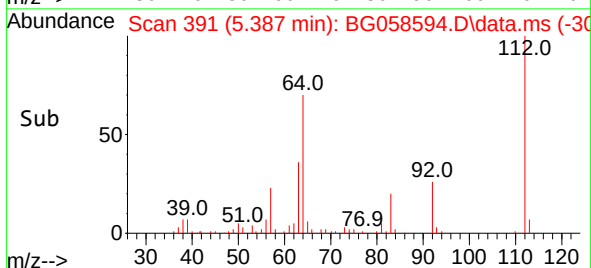
Tgt Ion:152 Resp: 47621
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 59.0 45.9 68.9

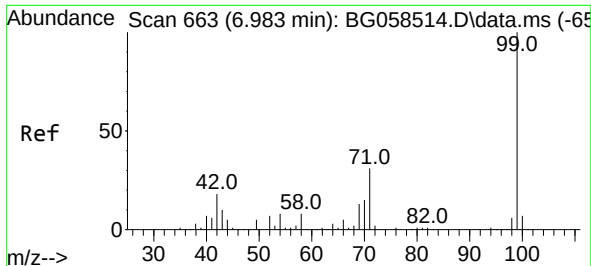


#5
2-Fluorophenol
Concen: 14.889 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40



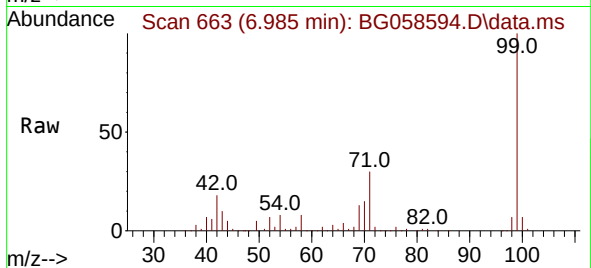
Tgt Ion:112 Resp: 46389
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 35.6 28.3 42.5



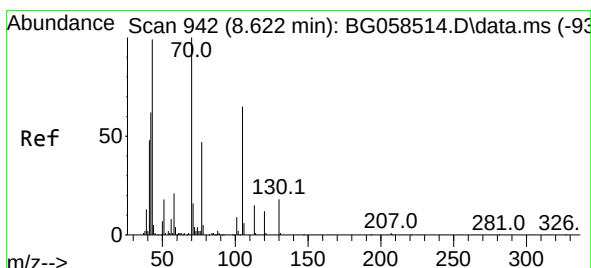
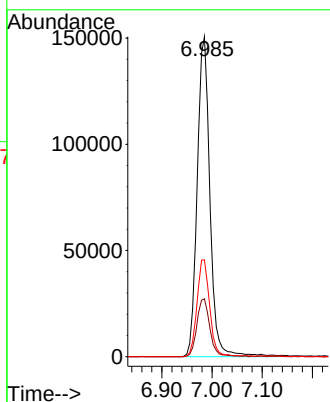
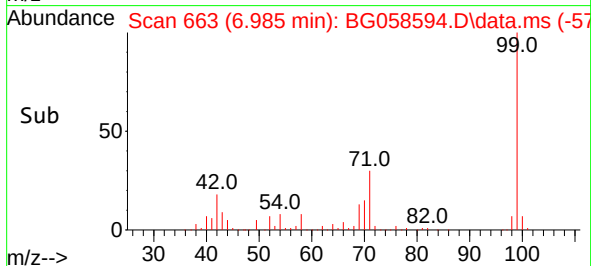


#7
Phenol-d6
Concen: 61.131 ng
RT: 6.985 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40

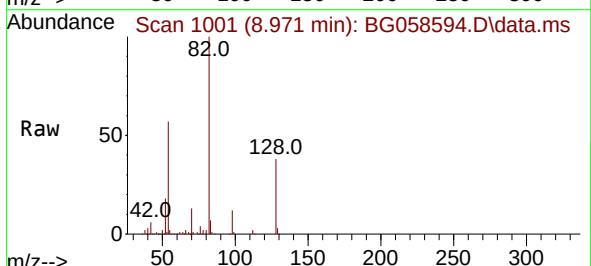
Instrument :
BNA_G
ClientSampleId :



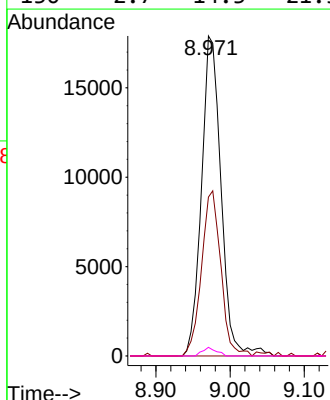
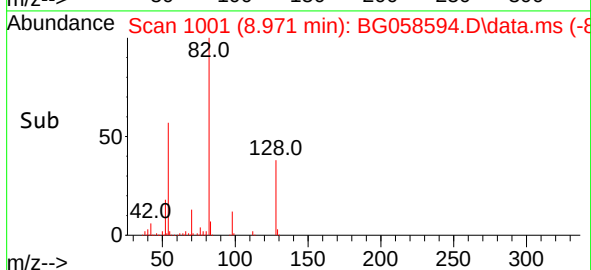
Tgt Ion: 99 Resp: 265025
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.2 25.0 37.4

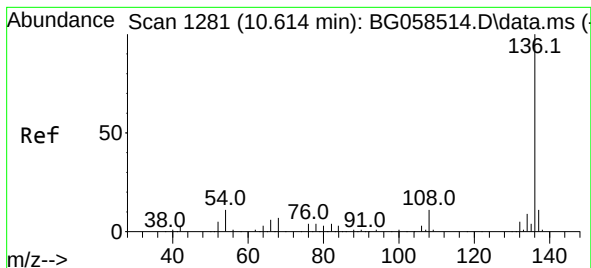


#19
n-Nitroso-di-n-propylamine
Concen: 11.767 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.349 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40



Tgt Ion: 70 Resp: 32951
Ion Ratio Lower Upper
70 100
42 49.7 49.7 74.5#
101 0.0 7.0 10.4#
130 2.7 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.616 min Scan# 1002

Delta R.T. 0.002 min

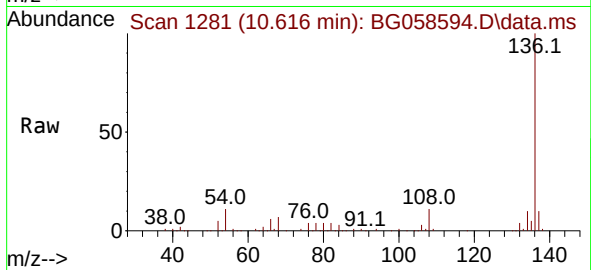
Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 203041

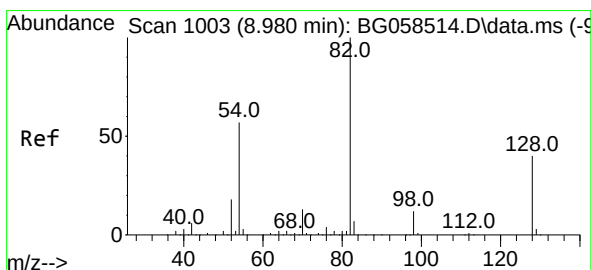
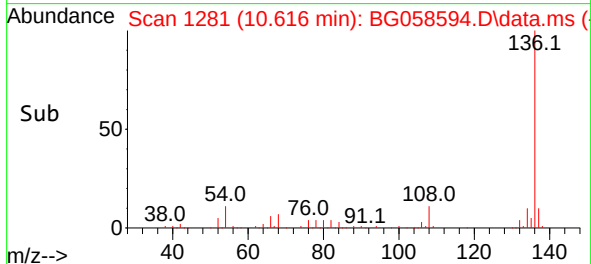
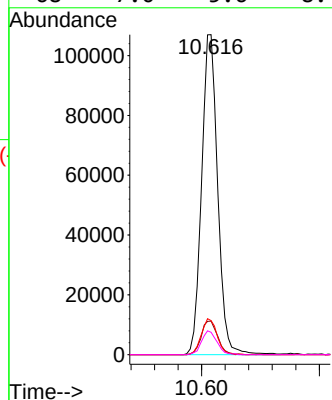
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.7 8.9 13.3

68 7.0 5.6 8.4



#23

Nitrobenzene-d5

Concen: 64.812 ng

RT: 8.977 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

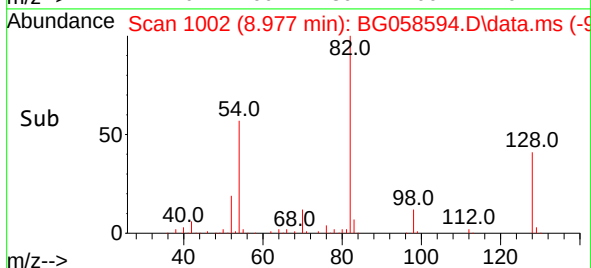
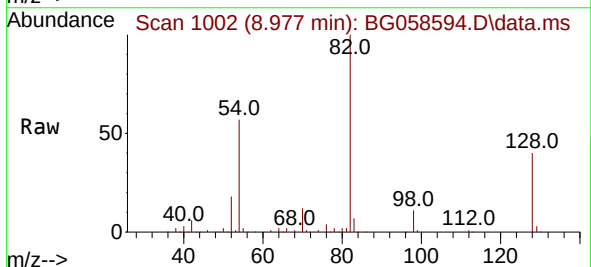
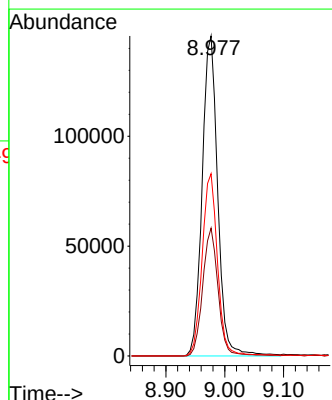
Tgt Ion: 82 Resp: 267878

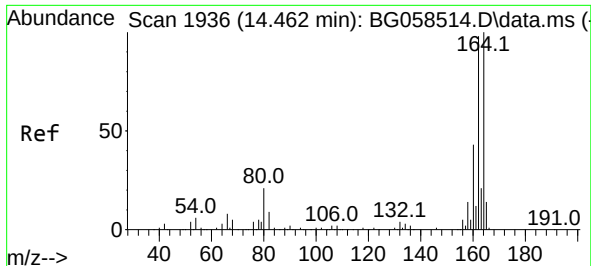
Ion Ratio Lower Upper

82 100

128 40.0 32.2 48.2

54 56.9 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.004 min

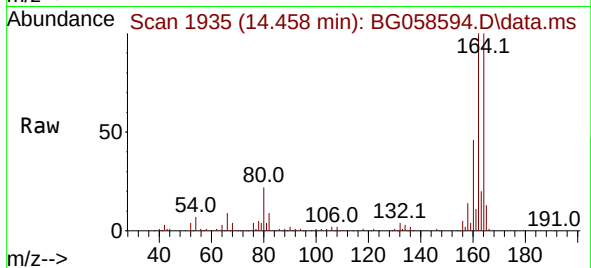
Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :



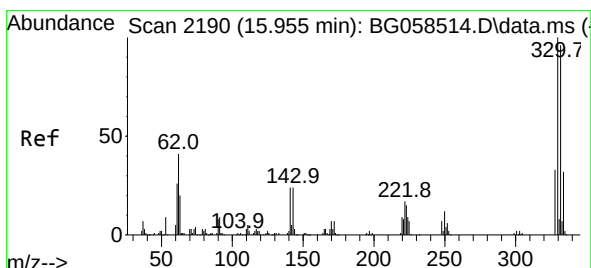
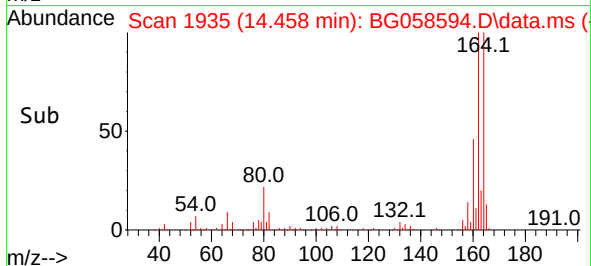
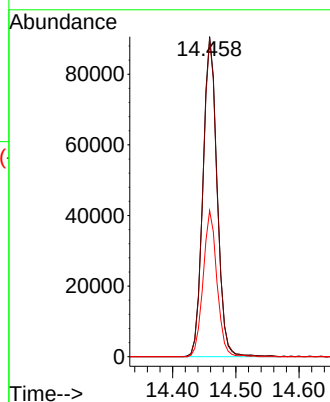
Tgt Ion:164 Resp: 141212

Ion Ratio Lower Upper

164 100

162 99.5 78.3 117.5

160 45.6 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 0.199 ng

RT: 15.974 min Scan# 2193

Delta R.T. 0.020 min

Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

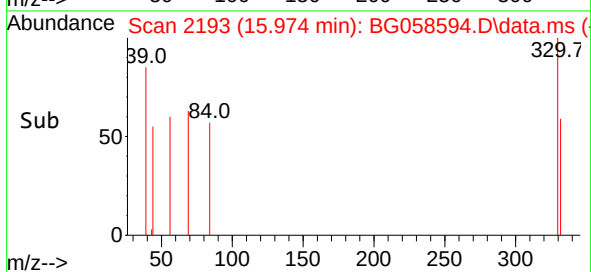
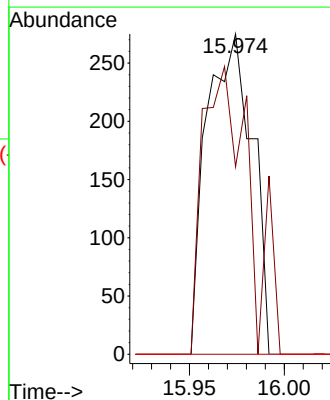
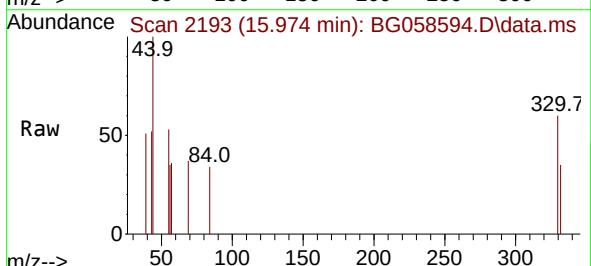
Tgt Ion:330 Resp: 460

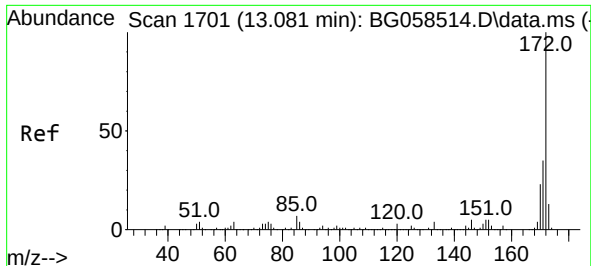
Ion Ratio Lower Upper

330 100

332 92.4 77.5 116.3

141 0.0 20.7 31.1#

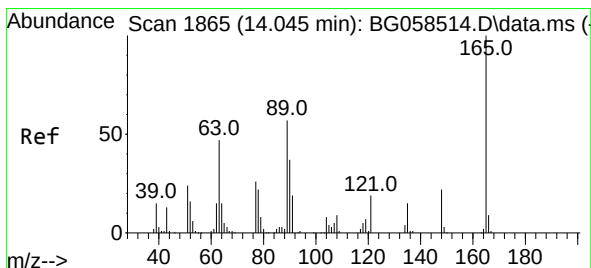
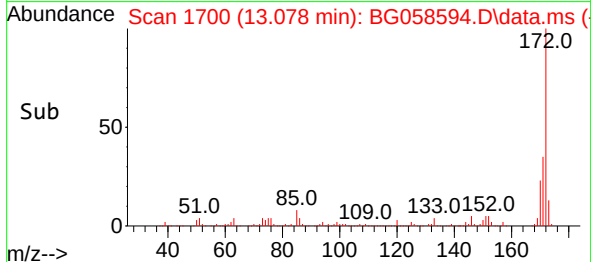
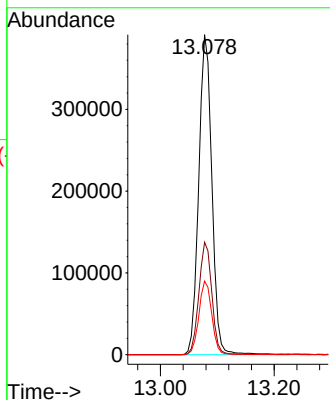
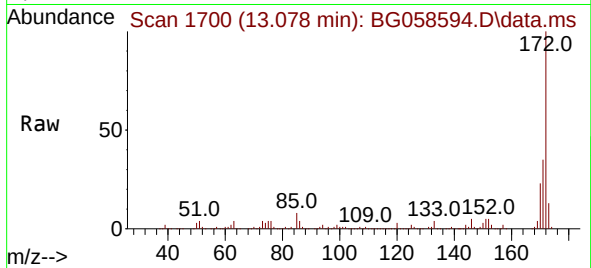




#45
2-Fluorobiphenyl
Concen: 66.559 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40

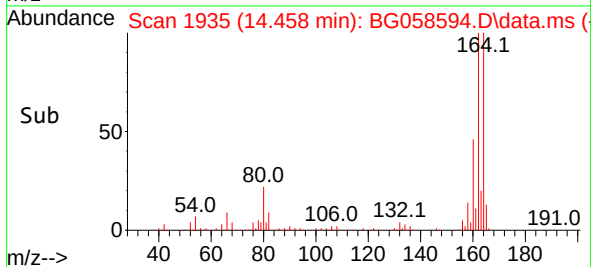
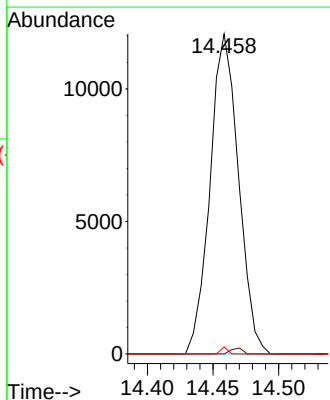
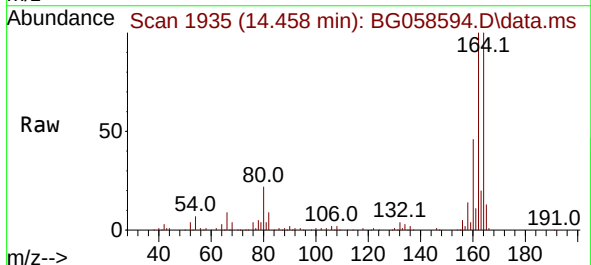
Instrument :
BNA_G
ClientSampleId :

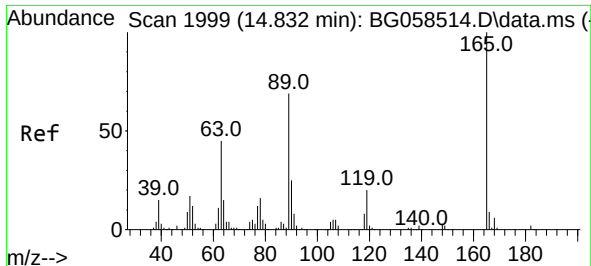
Tgt Ion:172 Resp: 627188
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.842 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058594.D
Acq: 3 Aug 2023 15:40

Tgt Ion:165 Resp: 18248
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.2 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.656 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

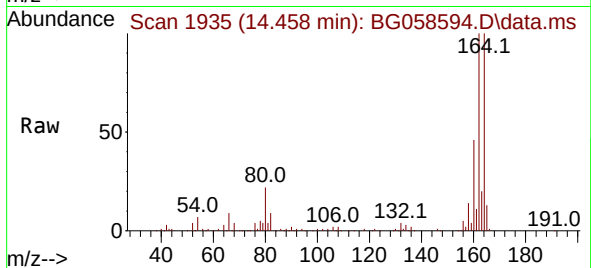
Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 18248

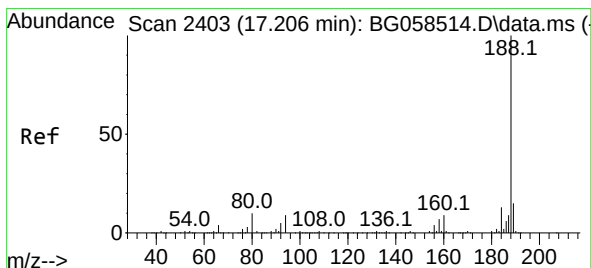
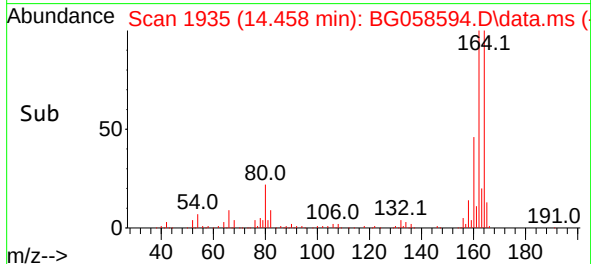
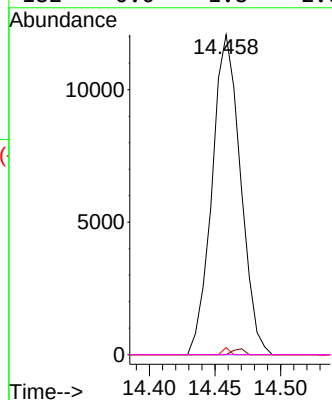
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 2.2 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

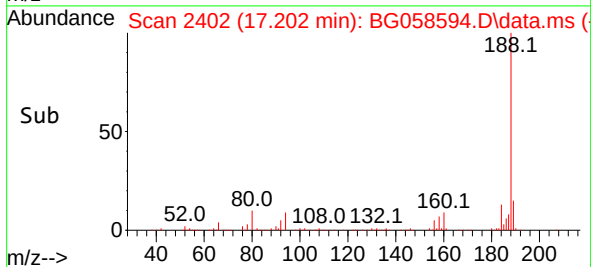
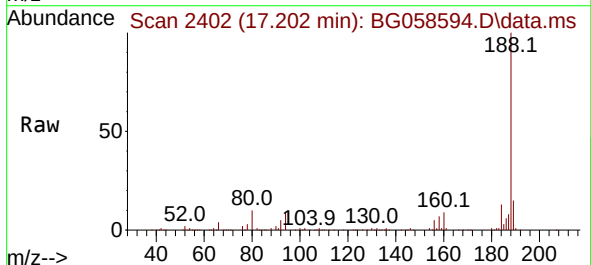
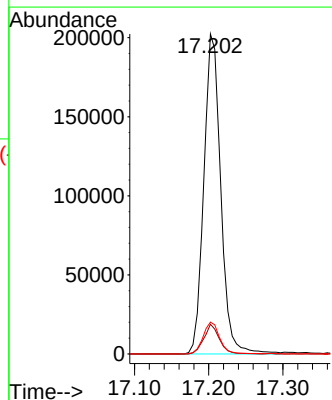
Tgt Ion:188 Resp: 320979

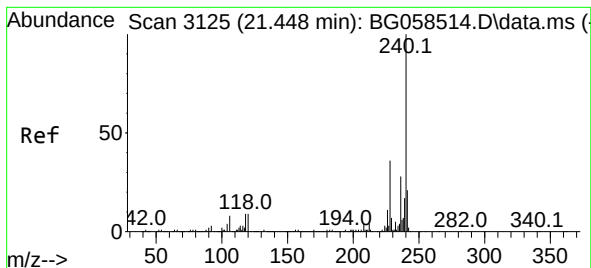
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.0 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :

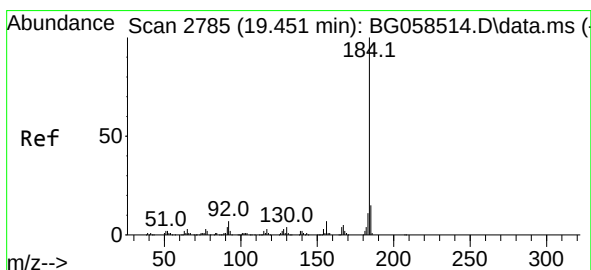
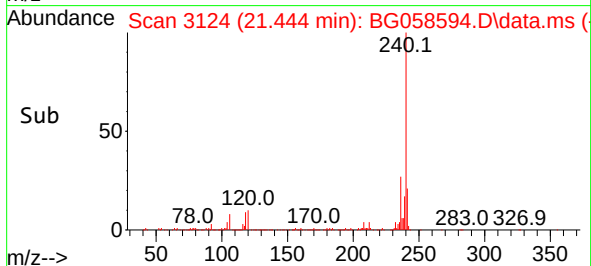
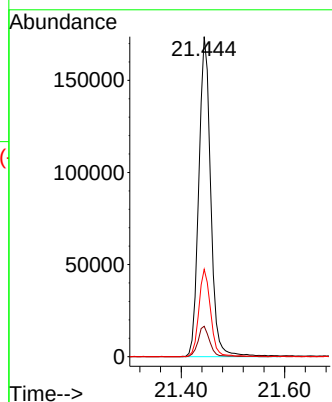
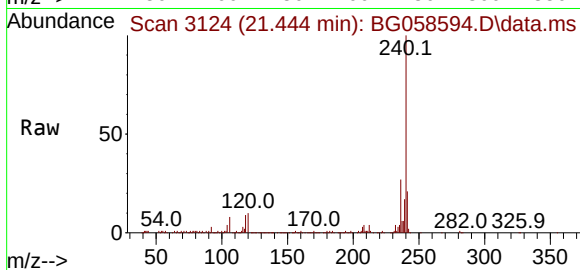
Tgt Ion:240 Resp: 277897

Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 27.3 22.2 33.4



#77

Benzidine

Concen: 3.132 ng

RT: 19.823 min Scan# 2848

Delta R.T. 0.372 min

Lab File: BG058594.D

Acq: 3 Aug 2023 15:40

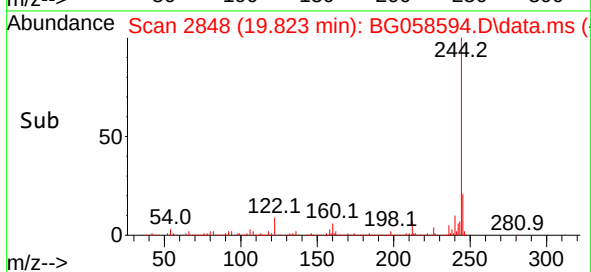
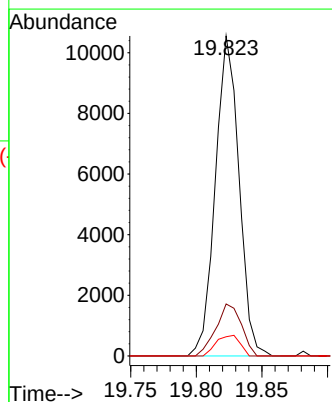
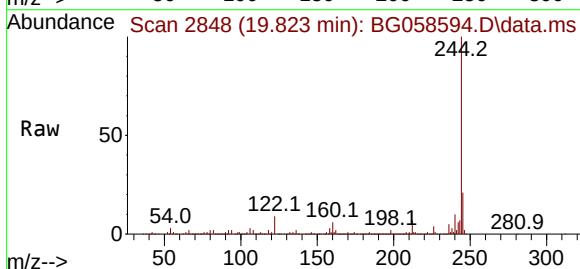
Tgt Ion:184 Resp: 13197

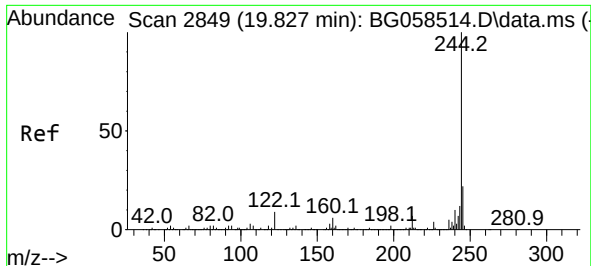
Ion Ratio Lower Upper

184 100

185 16.2 11.9 17.9

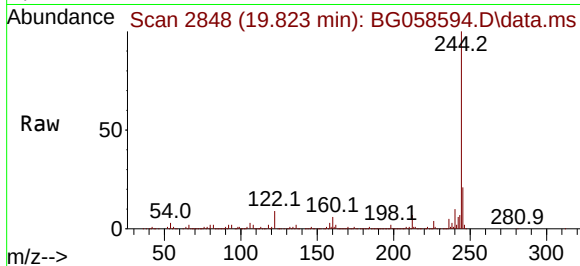
183 6.0 8.7 13.1#



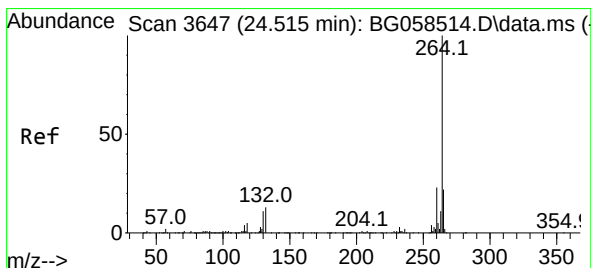
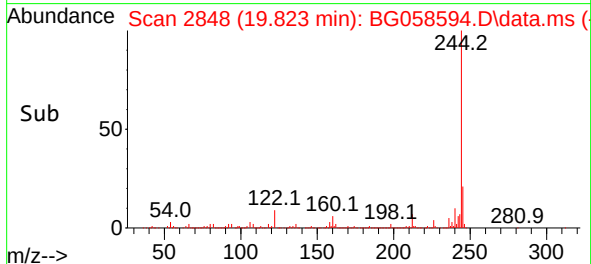
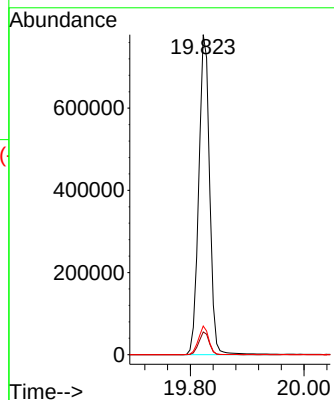


#79
 Terphenyl-d14
 Concen: 70.179 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058594.D
 Acq: 3 Aug 2023 15:40

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1037076
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.511 min Scan# 3646
 Delta R.T. -0.004 min
 Lab File: BG058594.D
 Acq: 3 Aug 2023 15:40

Tgt Ion:264 Resp: 347681
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.4 27.6
 265 21.5 17.9 26.9

