

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058794.D
 Acq On : 21 Aug 2023 15:10
 Operator : MA/JU
 Sample : 04086-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09B

Quant Time: Aug 22 01:27:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

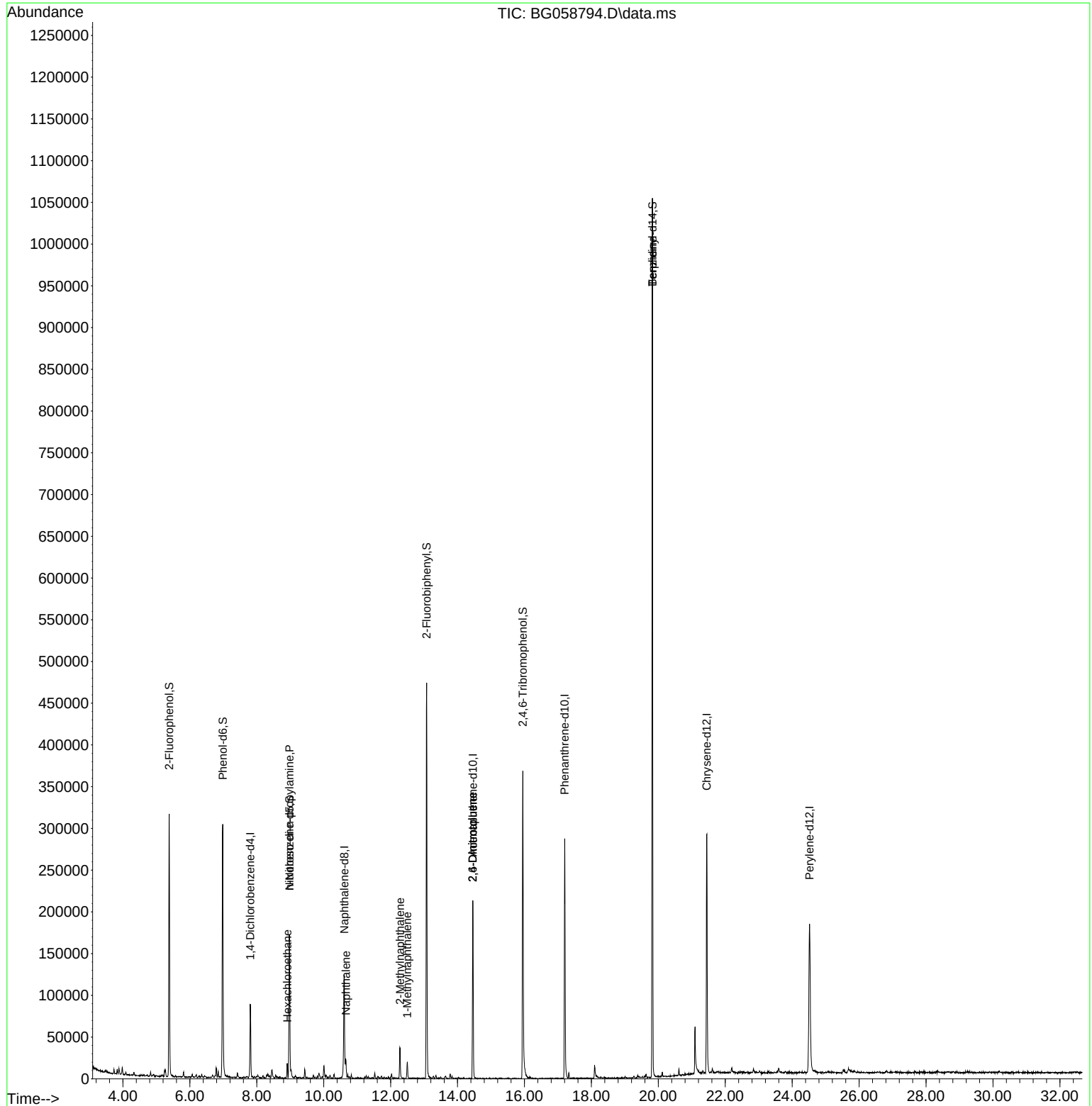
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	24413	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	107489	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	80156	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	203920	20.000	ng	0.00
76) Chrysene-d12	21.443	240	188818	20.000	ng	0.00
86) Perylene-d12	24.516	264	228373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	128347	84.604	ng	0.00
7) Phenol-d6	6.983	99	177330	83.315	ng	0.00
23) Nitrobenzene-d5	8.975	82	106219	47.510	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	93030	74.020	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	272950	49.528	ng	0.00
79) Terphenyl-d14	19.821	244	553742	52.659	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.916	117	1361	2.267	ng	# 1
19) n-Nitroso-di-n-propyla...	8.975	70	13821	10.046	ng	# 71
31) Naphthalene	10.661	128	14306	2.535	ng	96
37) 2-Methylnaphthalene	12.283	142	20504	5.058	ng	96
38) 1-Methylnaphthalene	12.495	142	10341	2.687	ng	# 97
51) 2,6-Dinitrotoluene	14.451	165	10610	8.137	ng	# 22
57) 2,4-Dinitrotoluene	14.451	165	10610	5.834	ng	# 19
77) Benzidine	19.821	184	7671	2.267	ng	# 92

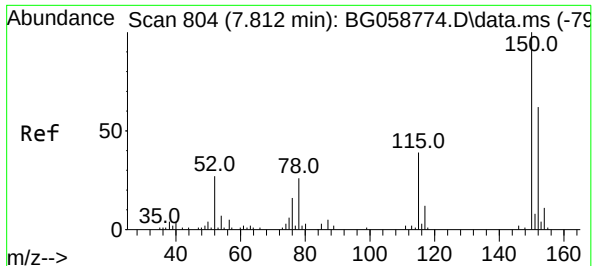
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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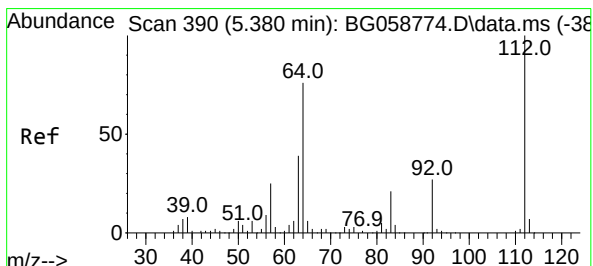
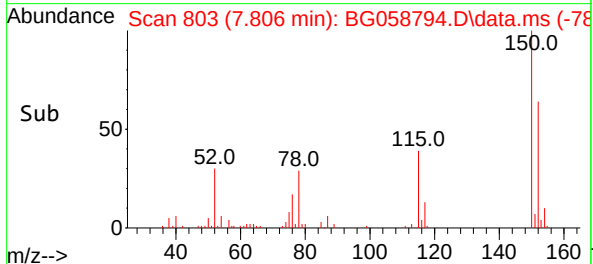
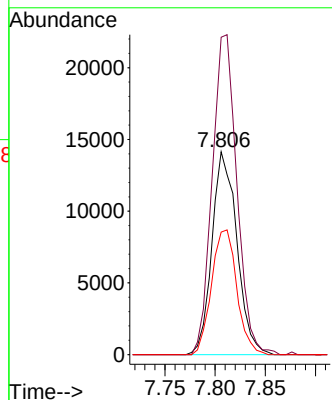
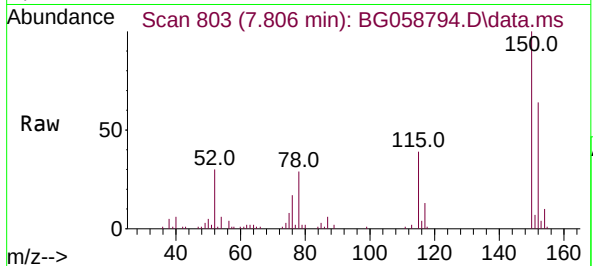




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

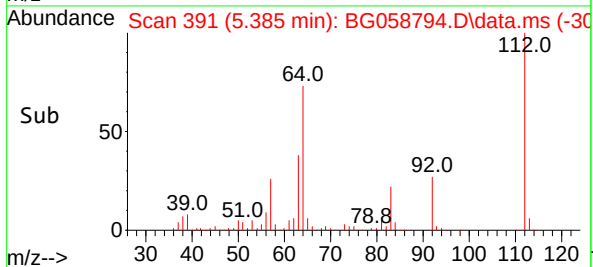
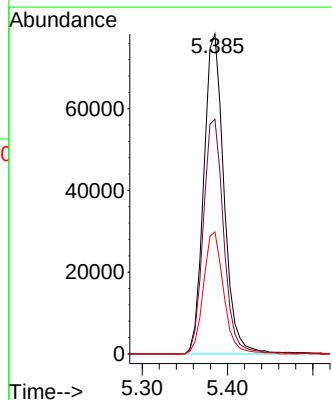
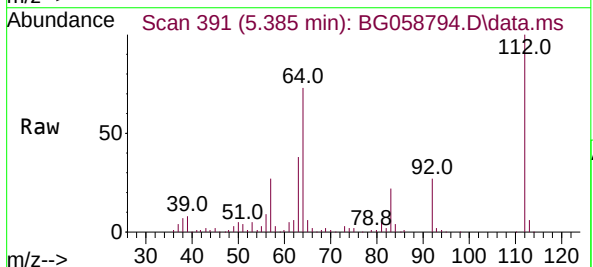
Instrument :
BNA_G
ClientSampleId :
B-PP09B

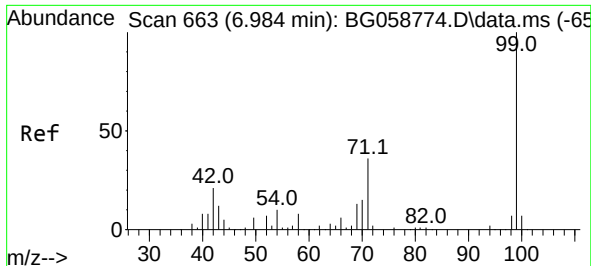
Tgt Ion:152 Resp: 24413
Ion Ratio Lower Upper
152 100
150 156.5 128.6 192.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 84.604 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

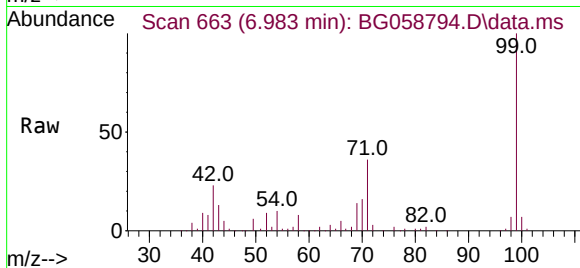
Tgt Ion:112 Resp: 128347
Ion Ratio Lower Upper
112 100
64 73.3 60.6 90.8
63 38.1 31.0 46.4



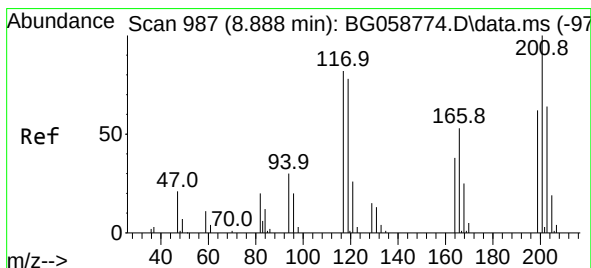
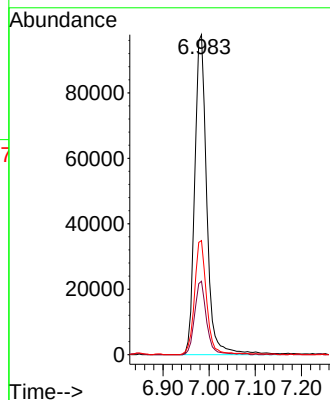
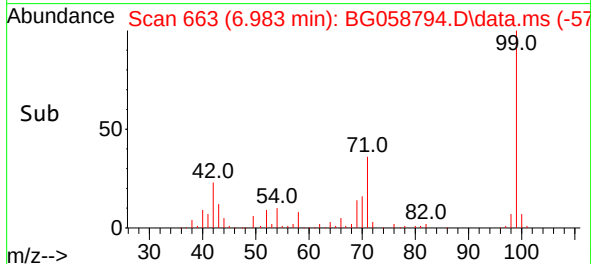


#7
Phenol-d6
Concen: 83.315 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Instrument :
BNA_G
ClientSampleId :
B-PP09B

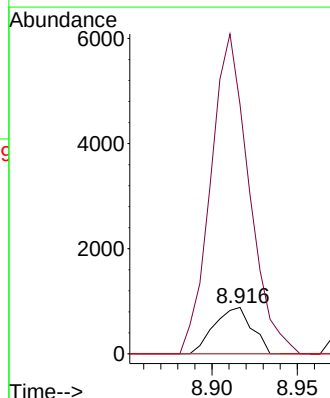
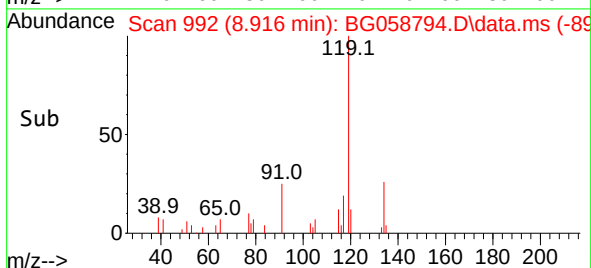
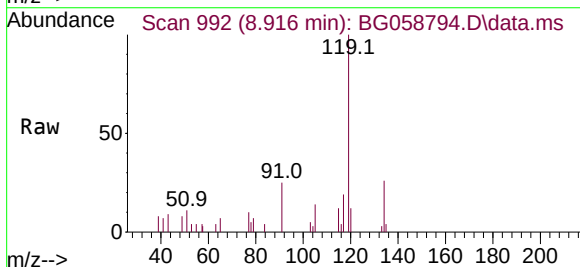


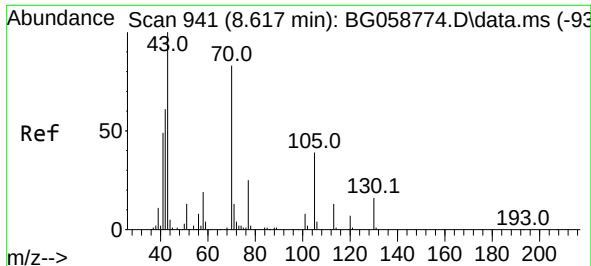
Tgt Ion: 99 Resp: 177330
Ion Ratio Lower Upper
99 100
42 22.9 16.5 24.7
71 35.6 28.4 42.6



#18
Hexachloroethane
Concen: 2.267 ng
RT: 8.916 min Scan# 992
Delta R.T. 0.029 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Tgt Ion: 117 Resp: 1361
Ion Ratio Lower Upper
117 100
119 536.3 76.6 115.0#
201 0.0 97.0 145.6#

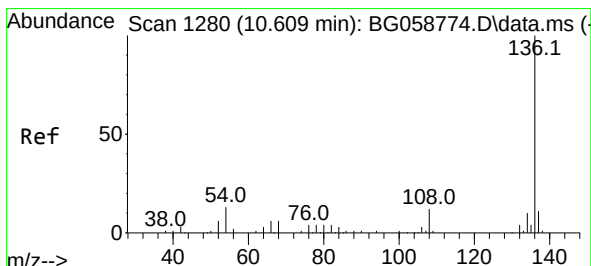
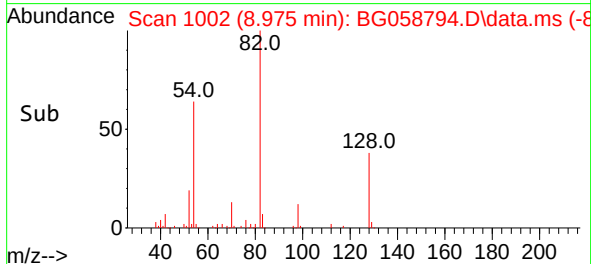
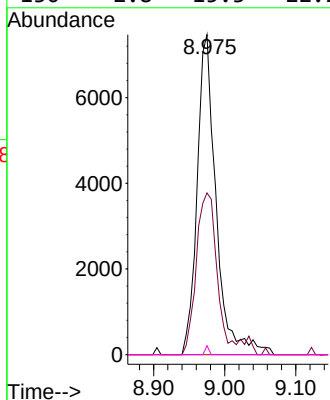
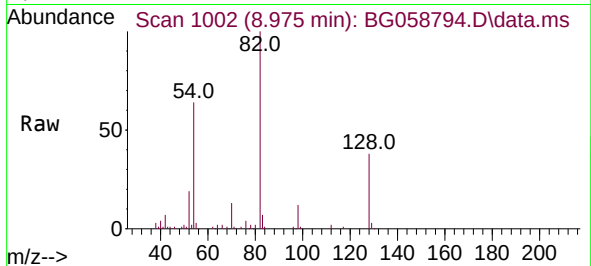




#19
n-Nitroso-di-n-propylamine
Concen: 10.046 ng
RT: 8.975 min Scan# 10
Delta R.T. 0.358 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

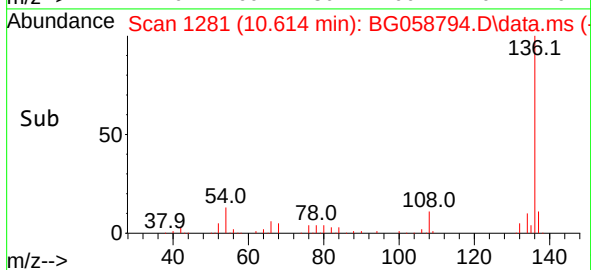
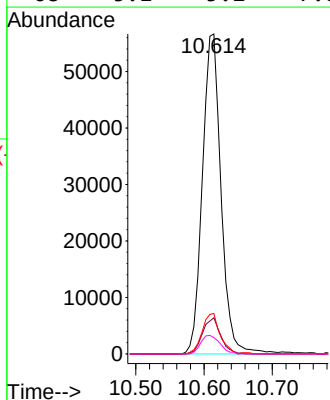
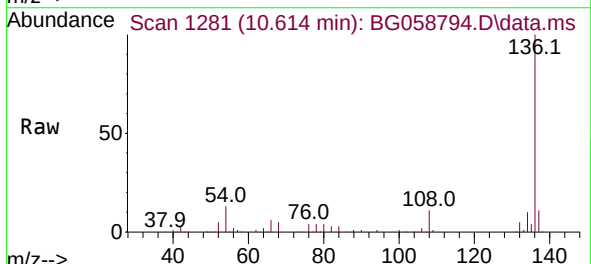
Instrument :
BNA_G
ClientSampleId :
B-PP09B

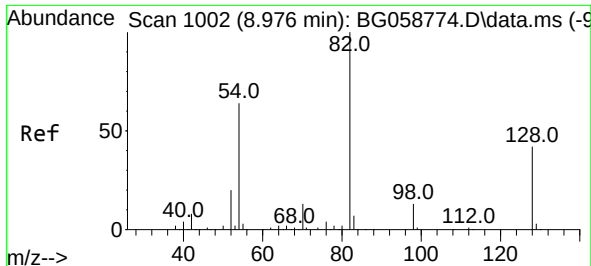
Tgt Ion: 70	Resp: 13821
Ion Ratio	Lower Upper
70 100	
42 50.5	59.2 88.8#
101 0.0	8.2 12.2#
130 2.8	15.3 22.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Tgt Ion: 136	Resp: 107489
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 12.6	10.1 15.1
68 5.1	5.2 7.8#





#23

Nitrobenzene-d5

Concen: 47.510 ng

RT: 8.975 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

Instrument :

BNA_G

ClientSampleId :

B-PP09B

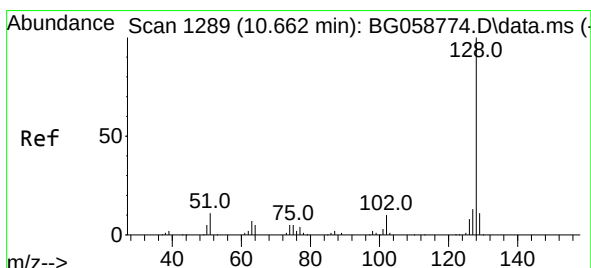
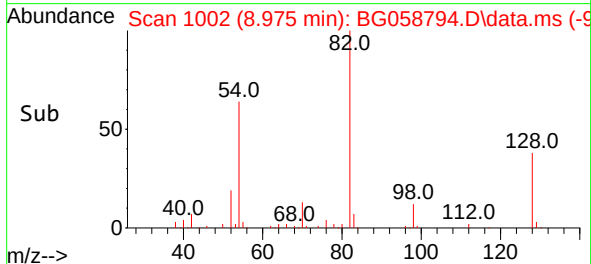
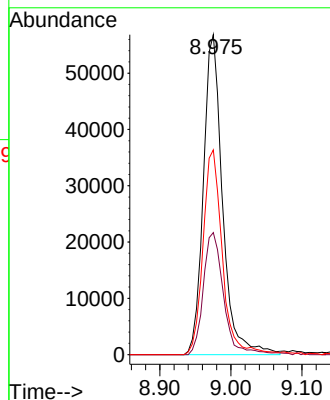
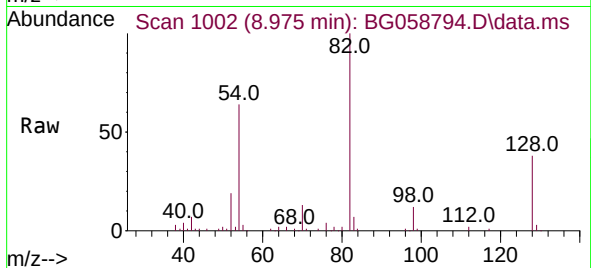
Tgt Ion: 82 Resp: 106219

Ion Ratio Lower Upper

82 100

128 38.1 33.2 49.8

54 64.0 51.2 76.8



#31

Naphthalene

Concen: 2.535 ng

RT: 10.661 min Scan# 1289

Delta R.T. -0.001 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

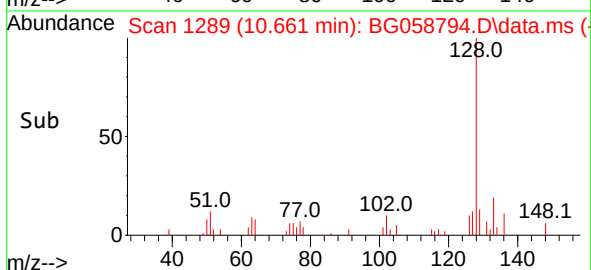
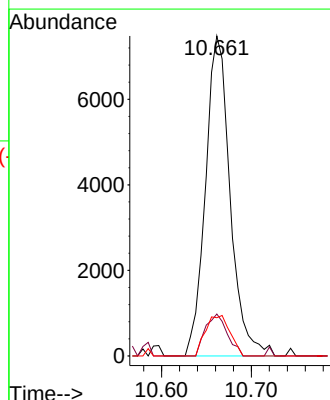
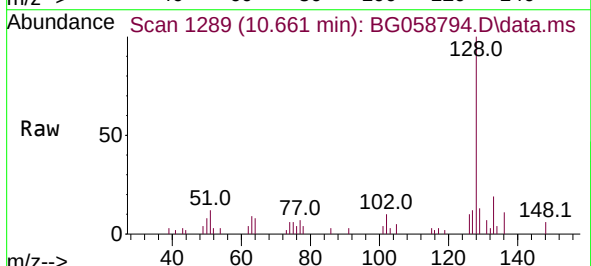
Tgt Ion: 128 Resp: 14306

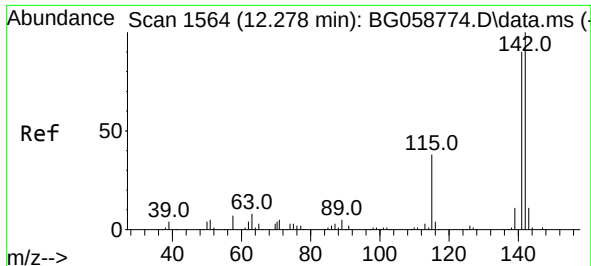
Ion Ratio Lower Upper

128 100

129 13.1 8.9 13.3

127 11.9 10.6 15.8





#37

2-Methylnaphthalene

Concen: 5.058 ng

RT: 12.283 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

Instrument :

BNA_G

ClientSampleId :

B-PP09B

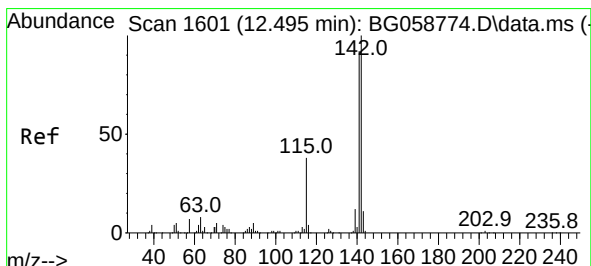
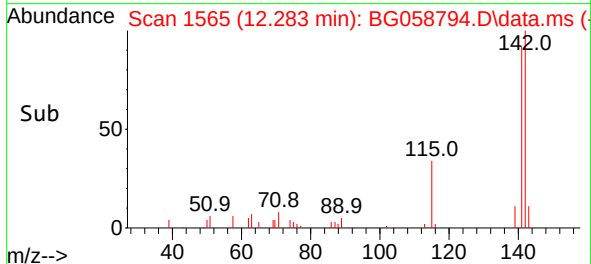
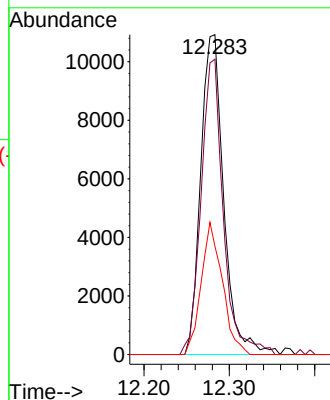
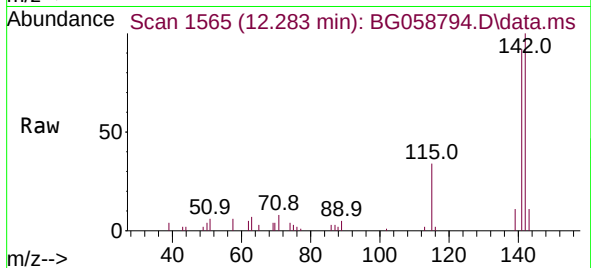
Tgt Ion:142 Resp: 20504

Ion Ratio Lower Upper

142 100

141 92.3 71.8 107.8

115 33.9 30.6 45.8



#38

1-Methylnaphthalene

Concen: 2.687 ng

RT: 12.495 min Scan# 1601

Delta R.T. -0.001 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

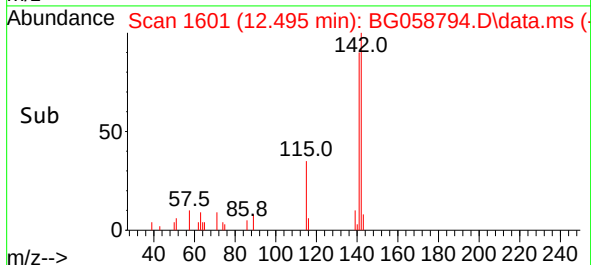
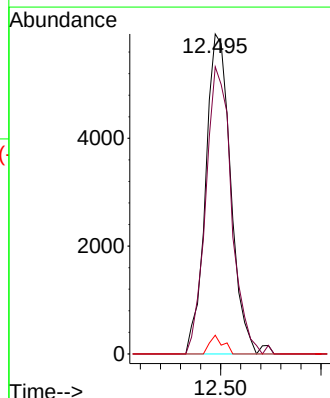
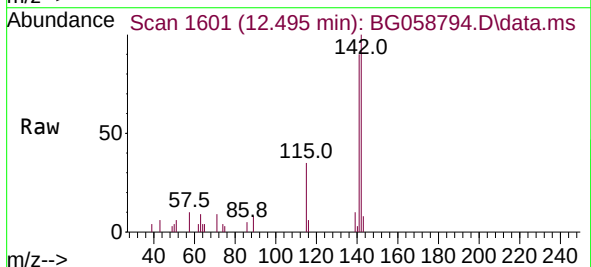
Tgt Ion:142 Resp: 10341

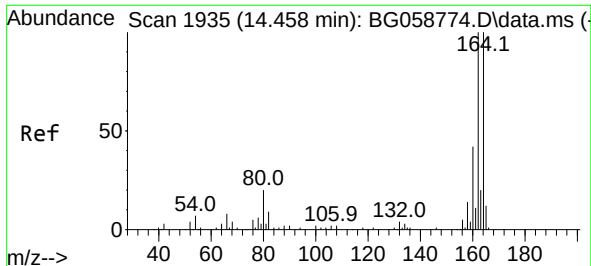
Ion Ratio Lower Upper

142 100

141 89.7 73.9 110.9

116 5.8 3.2 4.8#

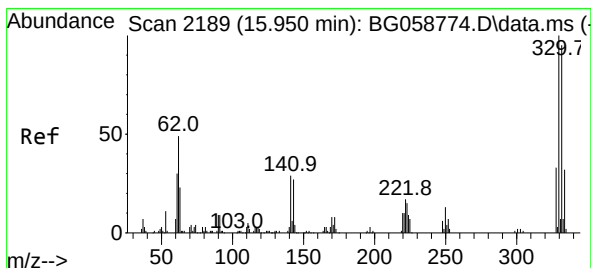
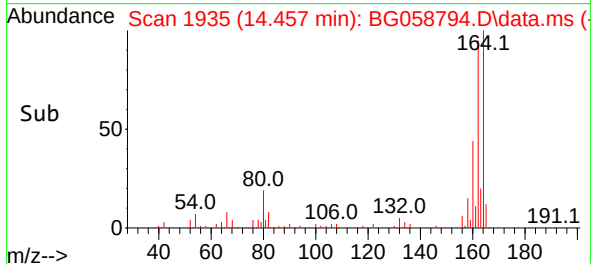
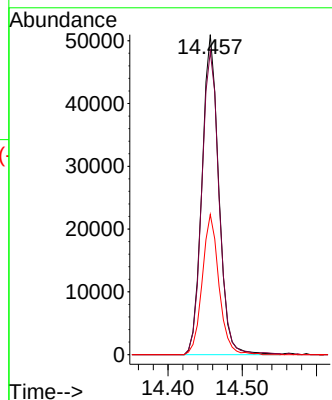
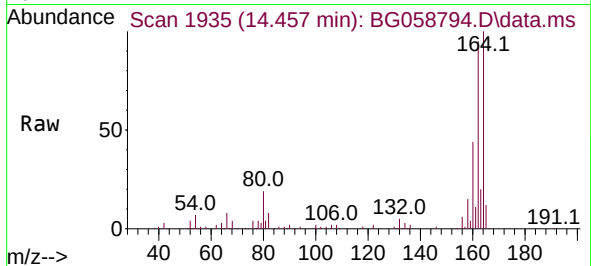




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

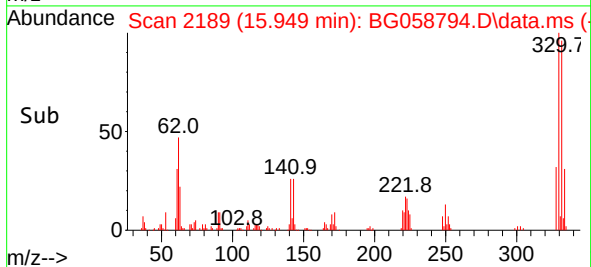
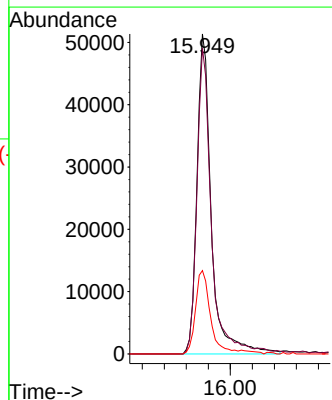
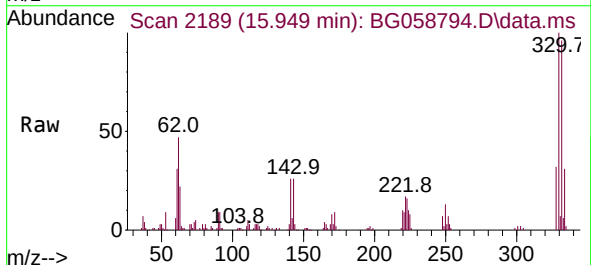
Instrument :
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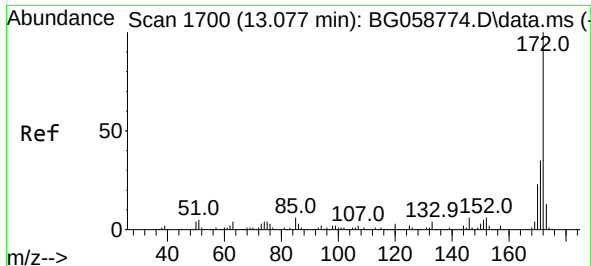
Tgt Ion:164 Resp: 80156
Ion Ratio Lower Upper
164 100
162 94.7 79.6 119.4
160 43.8 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 74.020 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Tgt Ion:330 Resp: 93030
Ion Ratio Lower Upper
330 100
332 94.4 78.5 117.7
141 26.8 23.0 34.6

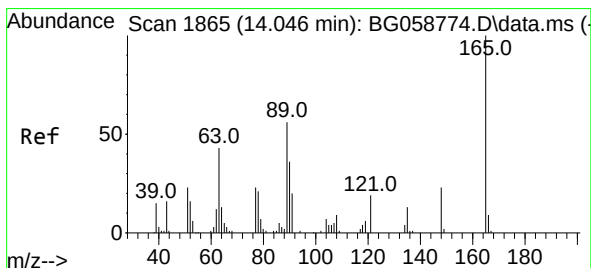
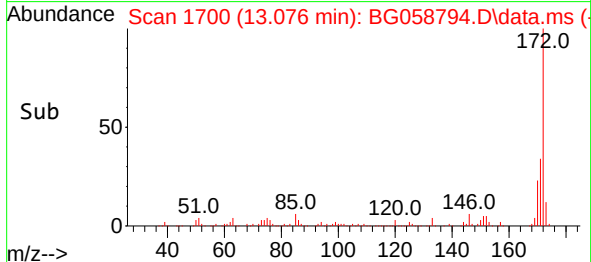
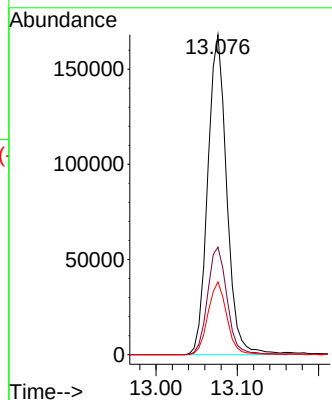
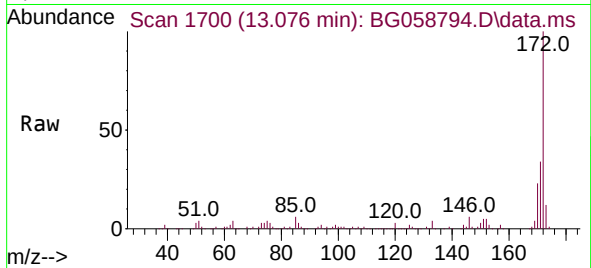




#45
2-Fluorobiphenyl
Concen: 49.528 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

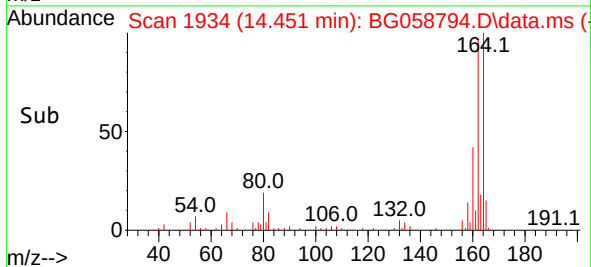
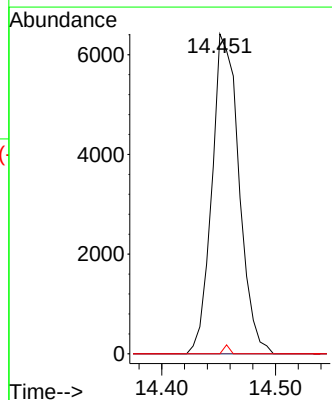
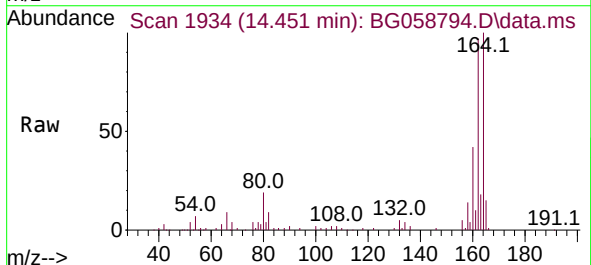
Instrument :
BNA_G
ClientSampleId :
B-PP09B

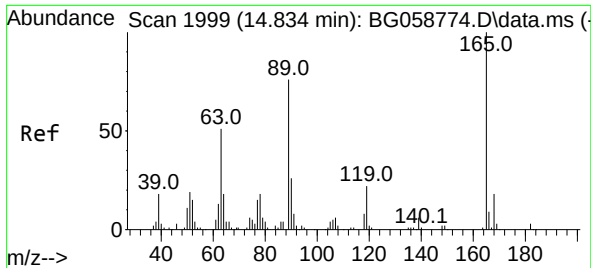
Tgt Ion:172 Resp: 272950
Ion Ratio Lower Upper
172 100
171 33.6 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.137 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Tgt Ion:165 Resp: 10610
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

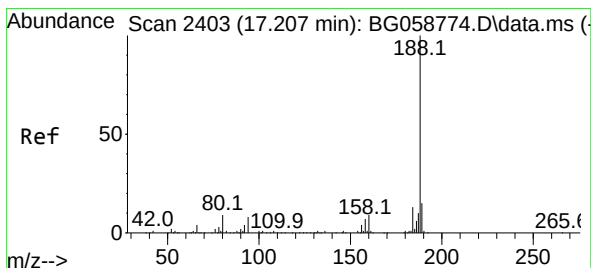
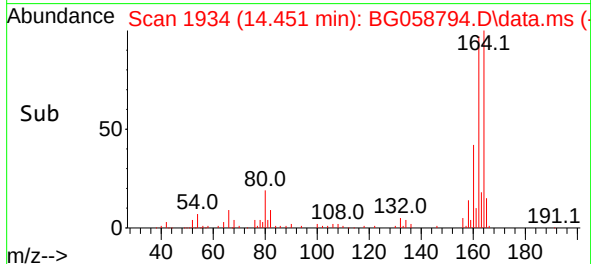
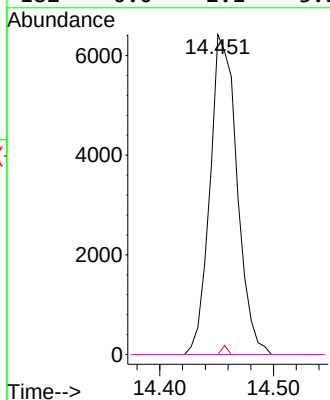
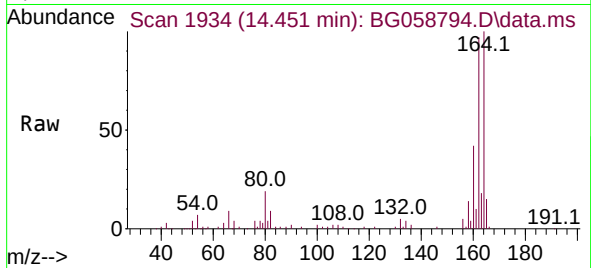




#57
2,4-Dinitrotoluene
Concen: 5.834 ng
RT: 14.451 min Scan# 1999
Delta R.T. -0.382 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

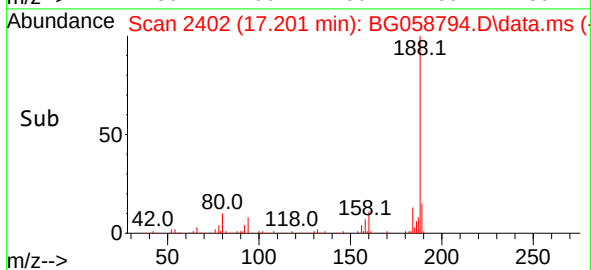
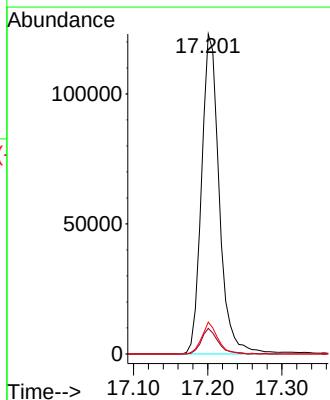
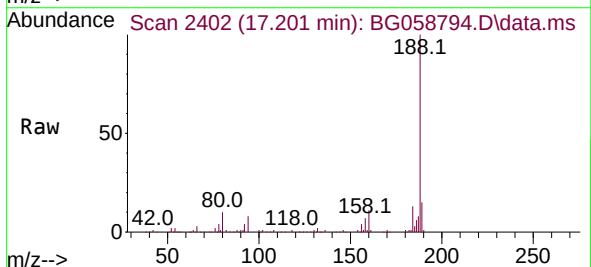
Instrument :
BNA_G
ClientSampleId :
B-PP09B

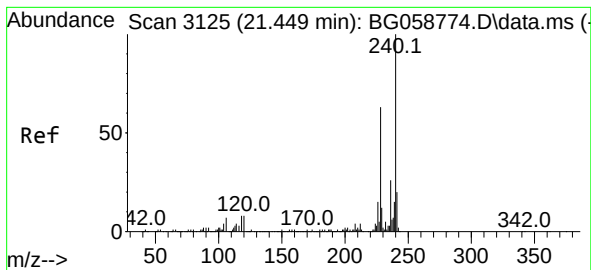
Tgt Ion:165 Resp: 10610
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058794.D
Acq: 21 Aug 2023 15:10

Tgt Ion:188 Resp: 203920
Ion Ratio Lower Upper
188 100
94 8.0 6.1 9.1
80 10.0 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

Instrument :

BNA_G

ClientSampleId :

B-PP09B

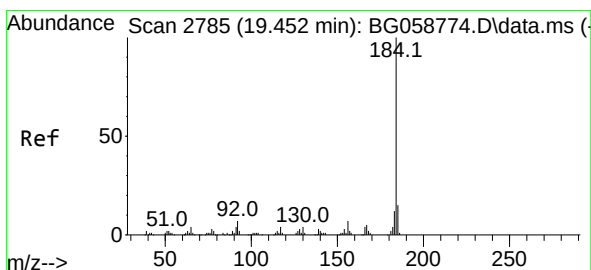
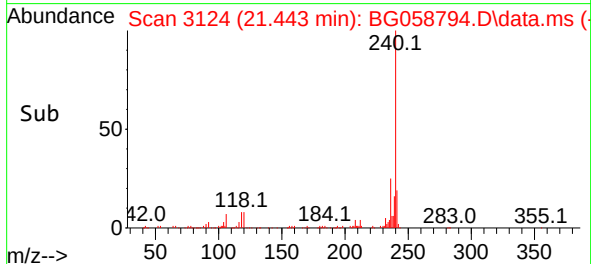
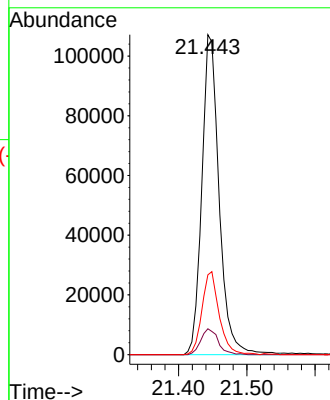
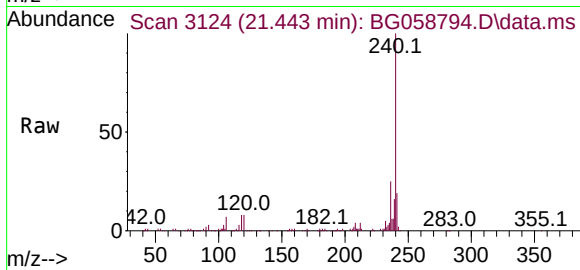
Tgt Ion:240 Resp: 188818

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 24.9 20.5 30.7



#77

Benzidine

Concen: 2.267 ng

RT: 19.821 min Scan# 2848

Delta R.T. 0.369 min

Lab File: BG058794.D

Acq: 21 Aug 2023 15:10

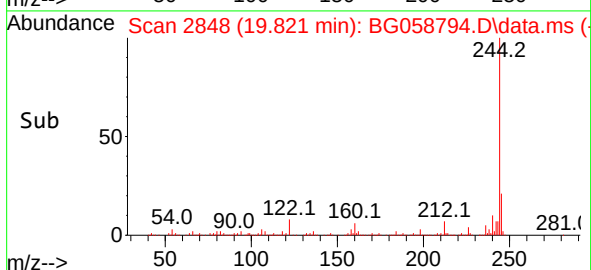
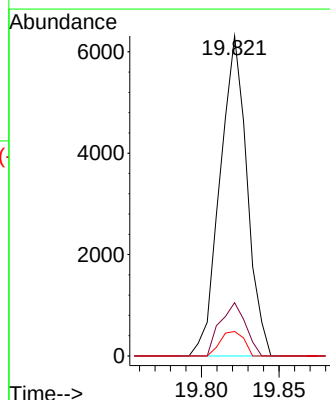
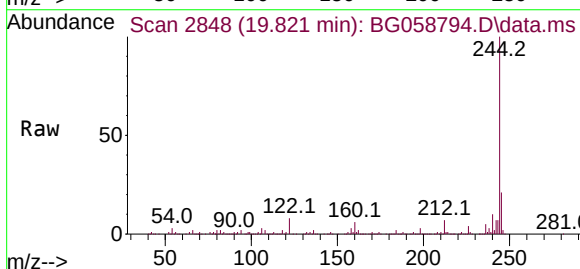
Tgt Ion:184 Resp: 7671

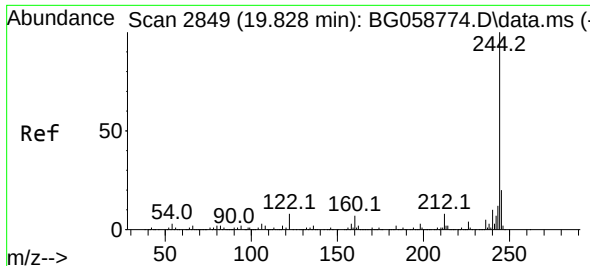
Ion Ratio Lower Upper

184 100

185 16.6 11.9 17.9

183 7.6 10.0 15.0#

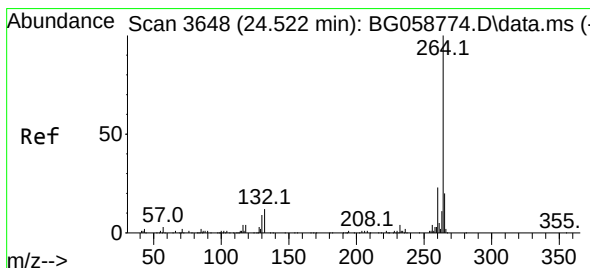
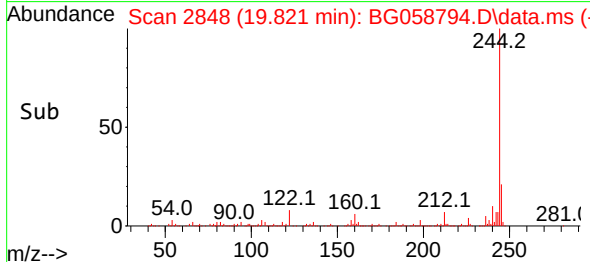
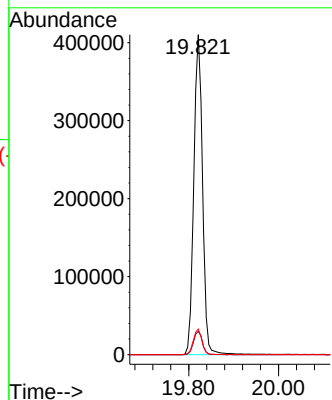
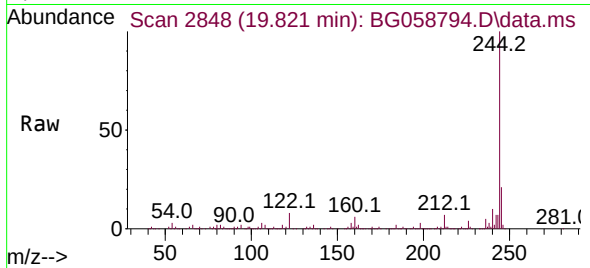




#79
 Terphenyl-d14
 Concen: 52.659 ng
 RT: 19.821 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BG058794.D
 Acq: 21 Aug 2023 15:10

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09B

Tgt Ion:244 Resp: 553742
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.0 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. -0.006 min
 Lab File: BG058794.D
 Acq: 21 Aug 2023 15:10

Tgt Ion:264 Resp: 228373
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.1 16.4 24.6

