

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058788.D
 Acq On : 21 Aug 2023 11:01
 Operator : MA/JU
 Sample : 04086-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP18B

Quant Time: Aug 22 01:24:20 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)

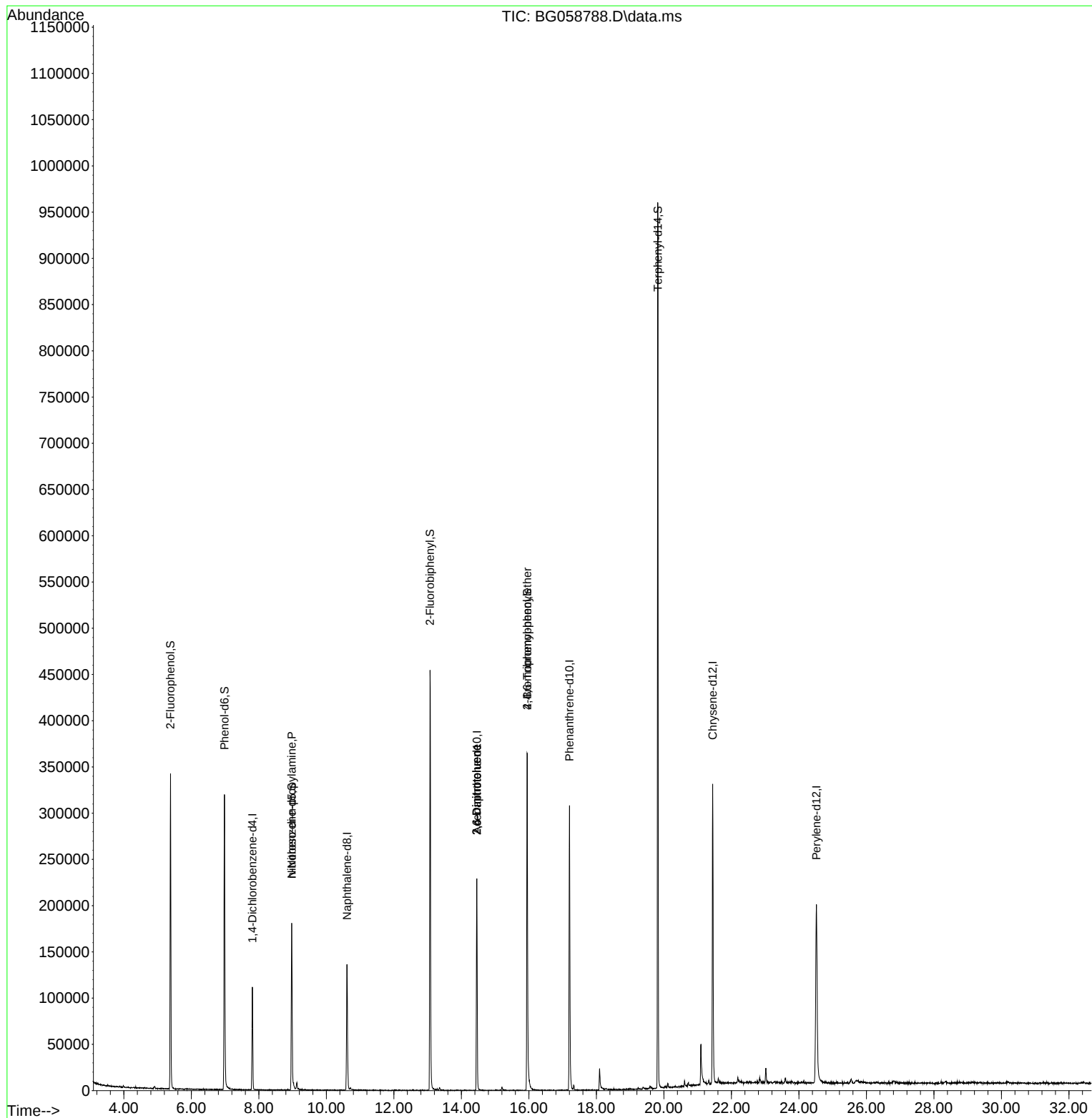
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	30147	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	129135	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	92409	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	230421	20.000	ng	0.00
76) Chrysene-d12	21.446	240	209886	20.000	ng	0.00
86) Perylene-d12	24.518	264	251641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	138311	73.831	ng	0.00
7) Phenol-d6	6.980	99	186184	70.837	ng	0.00
23) Nitrobenzene-d5	8.972	82	114889	42.774	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	95988	66.246	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	276756	43.560	ng	0.00
79) Terphenyl-d14	19.818	244	522365	44.689	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.972	70	15077	8.874	ng	# 81
51) 2,6-Dinitrotoluene	14.454	165	11611	7.724	ng	# 24
57) 2,4-Dinitrotoluene	14.454	165	11611	5.538	ng	# 20
67) 4-Bromophenyl-phenylether	15.952	248	5924	2.343	ng	# 1

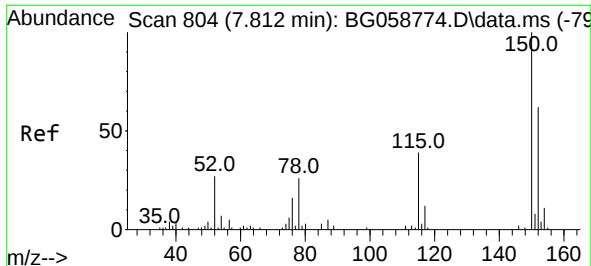
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
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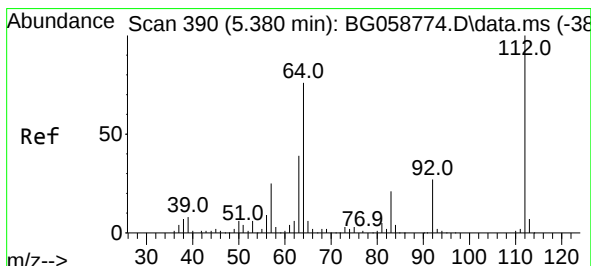
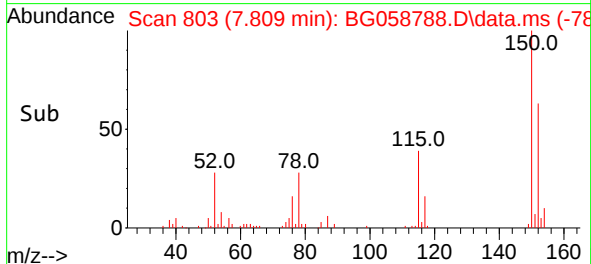
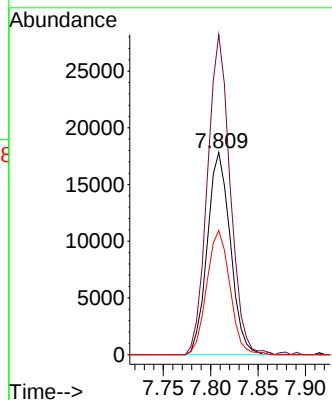
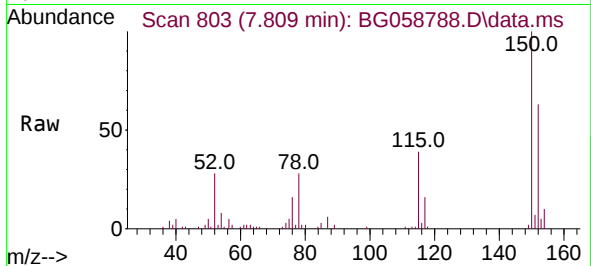




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

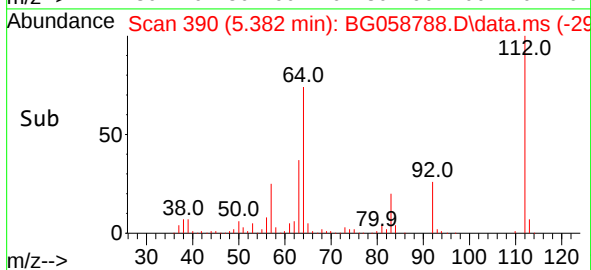
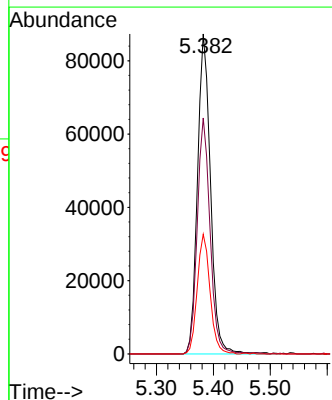
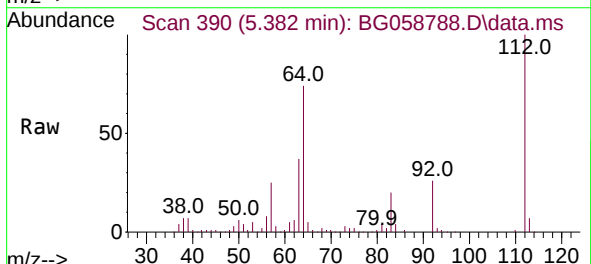
Instrument :
BNA_G
ClientSampleId :
B-PP18B

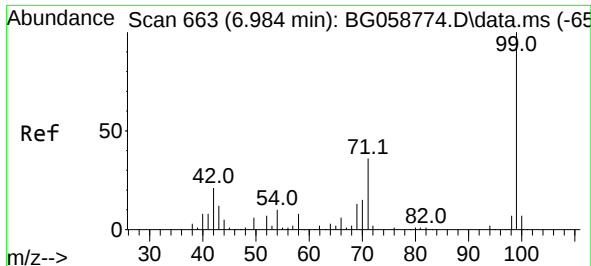
Tgt Ion:152 Resp: 30147
Ion Ratio Lower Upper
152 100
150 158.3 128.6 192.8
115 61.4 50.4 75.6



#5
2-Fluorophenol
Concen: 73.831 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

Tgt Ion:112 Resp: 138311
Ion Ratio Lower Upper
112 100
64 73.7 60.6 90.8
63 37.4 31.0 46.4

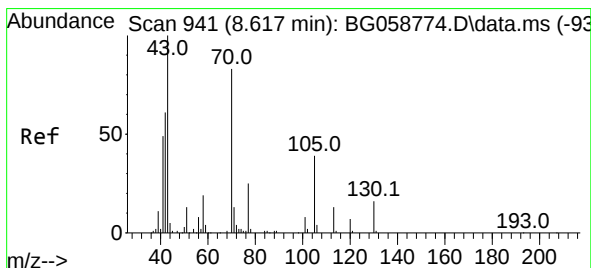
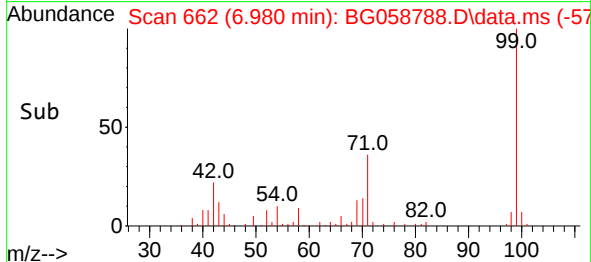
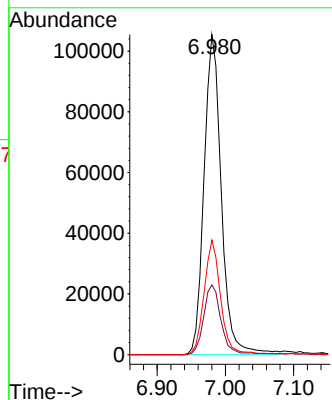
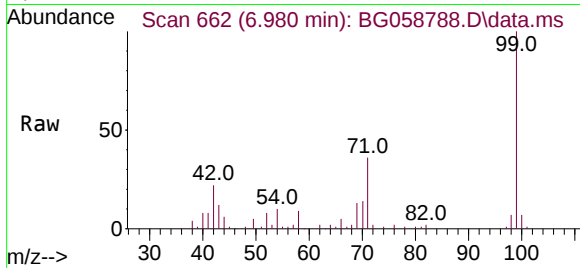




#7
Phenol-d6
Concen: 70.837 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

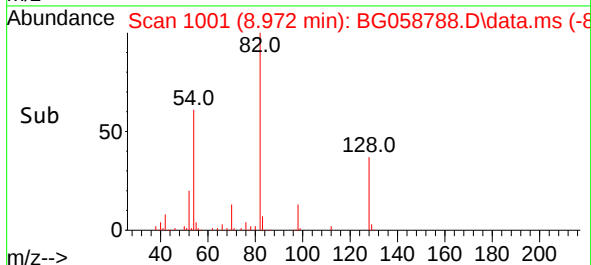
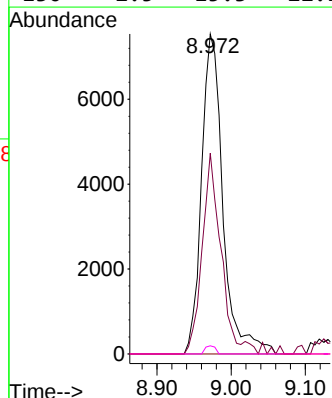
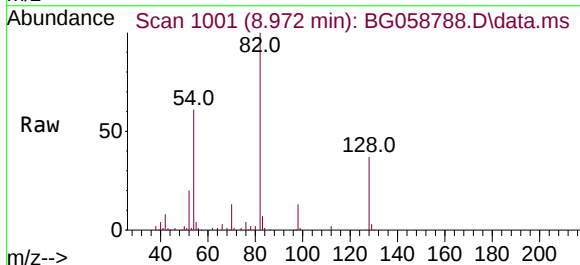
Instrument :
BNA_G
ClientSampleId :
B-PP18B

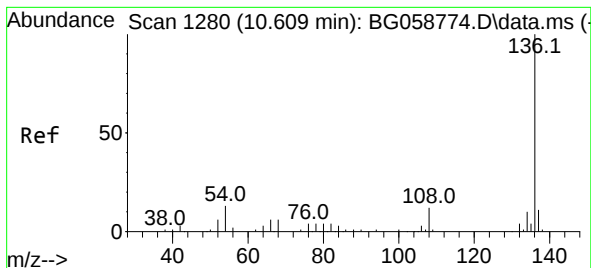
Tgt Ion: 99 Resp: 186184
Ion Ratio Lower Upper
99 100
42 21.8 16.5 24.7
71 35.8 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.874 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

Tgt Ion: 70 Resp: 15077
Ion Ratio Lower Upper
70 100
42 62.7 59.2 88.8
101 0.0 8.2 12.2#
130 2.5 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.611 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058788.D

Acq: 21 Aug 2023 11:01

Instrument :

BNA_G

ClientSampleId :

B-PP18B

Tgt Ion:136 Resp: 129135

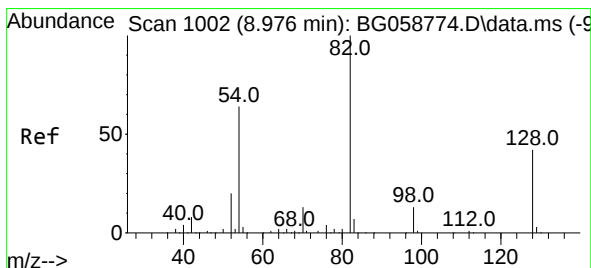
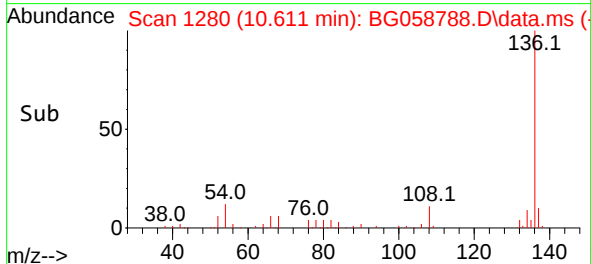
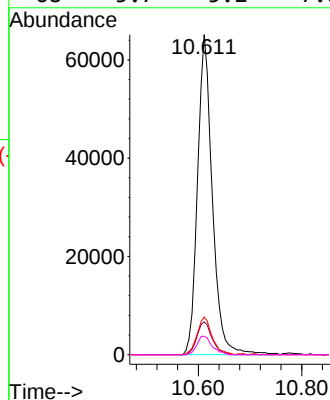
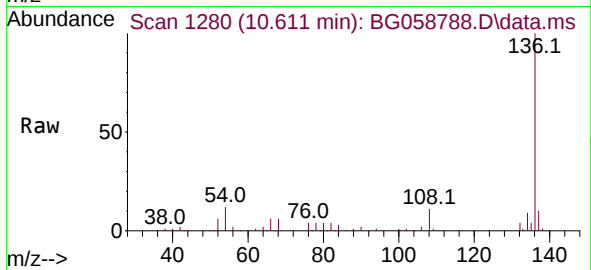
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 11.7 10.1 15.1

68 5.7 5.2 7.8



#23

Nitrobenzene-d5

Concen: 42.774 ng

RT: 8.972 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG058788.D

Acq: 21 Aug 2023 11:01

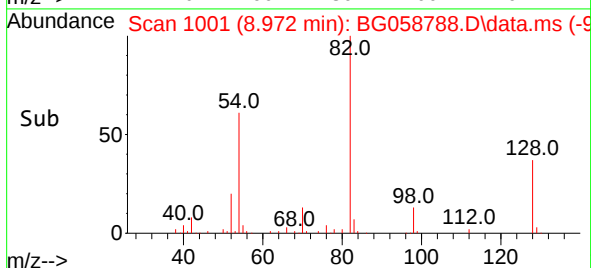
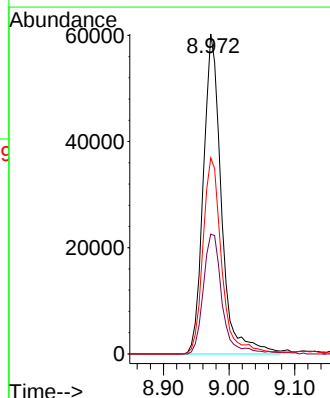
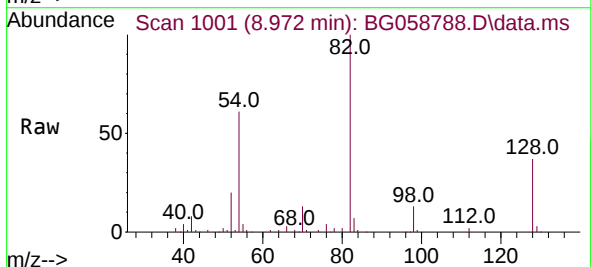
Tgt Ion: 82 Resp: 114889

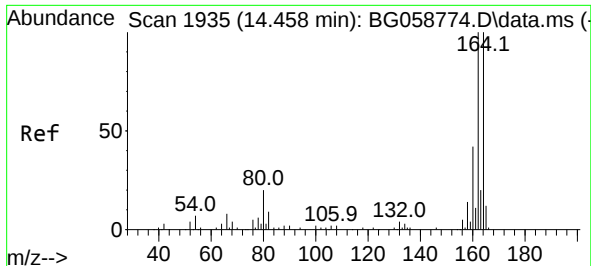
Ion Ratio Lower Upper

82 100

128 37.4 33.2 49.8

54 61.2 51.2 76.8

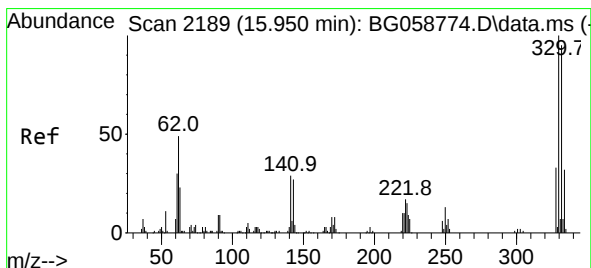
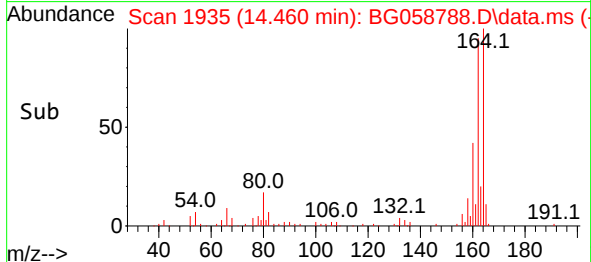
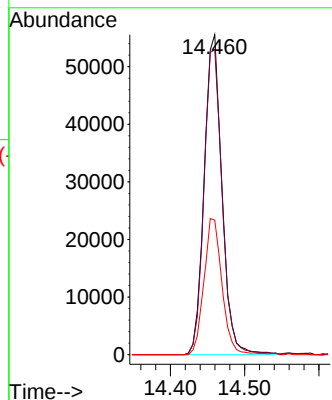
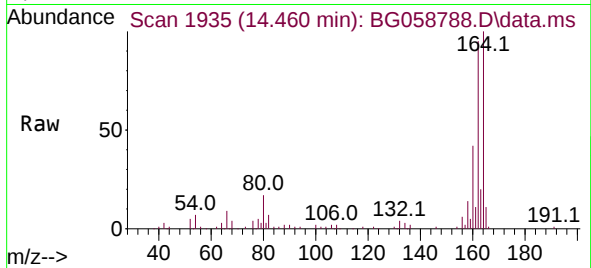




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.002 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

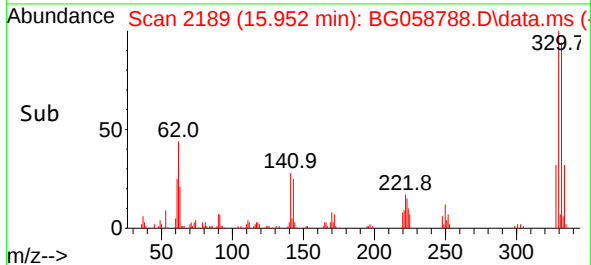
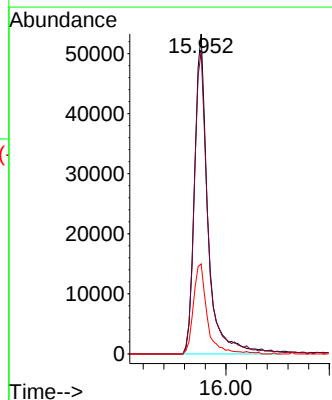
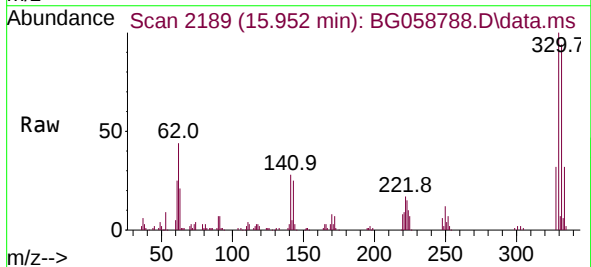
Instrument :
BNA_G
ClientSampleId :
B-PP18B

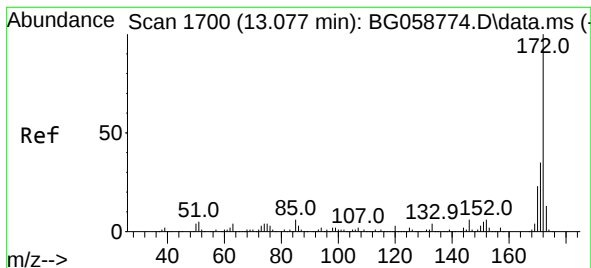
Tgt Ion:164 Resp: 92409
Ion Ratio Lower Upper
164 100
162 95.3 79.6 119.4
160 42.0 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 66.246 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

Tgt Ion:330 Resp: 95988
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 28.5 23.0 34.6

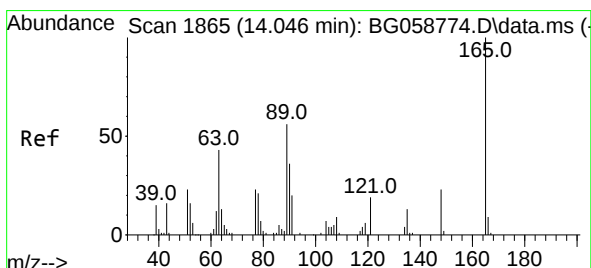
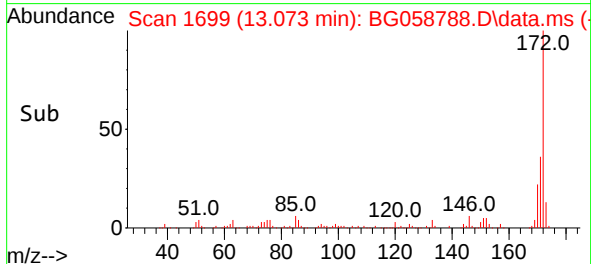
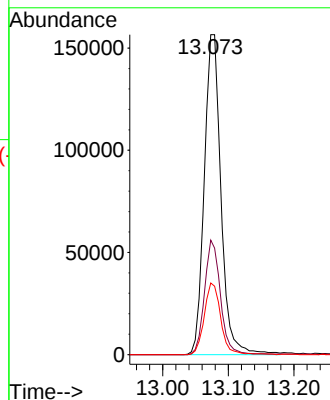
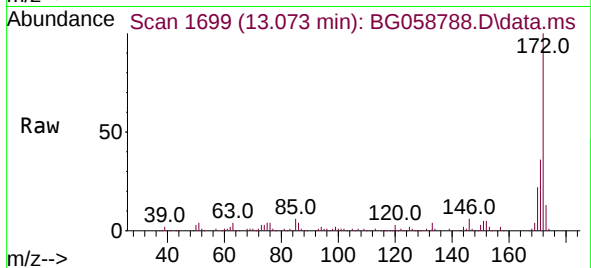




#45
2-Fluorobiphenyl
Concen: 43.560 ng
RT: 13.073 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

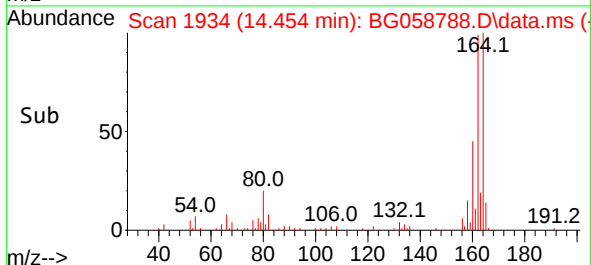
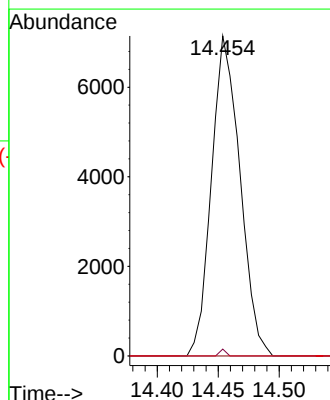
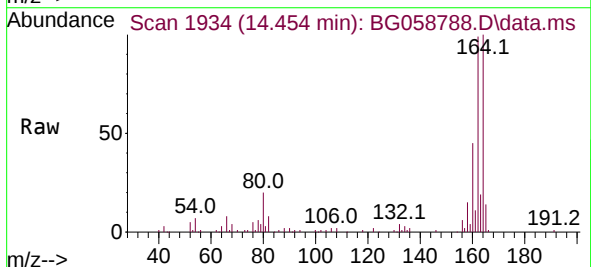
Instrument :
BNA_G
ClientSampleId :
B-PP18B

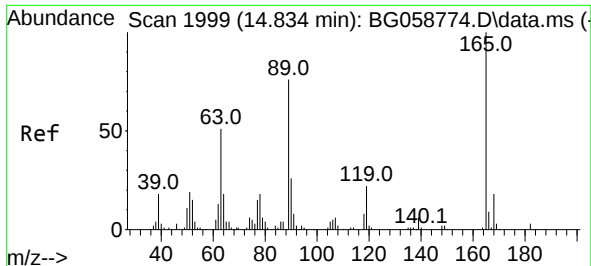
Tgt Ion:172 Resp: 276756
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.724 ng
RT: 14.454 min Scan# 1934
Delta R.T. 0.408 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

Tgt Ion:165 Resp: 11611
Ion Ratio Lower Upper
165 100
63 2.2 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.538 ng

RT: 14.454 min Scan# 1999

Delta R.T. -0.380 min

Lab File: BG058788.D

Acq: 21 Aug 2023 11:01

Instrument :

BNA_G

ClientSampleId :

B-PP18B

Tgt Ion:165 Resp: 11611

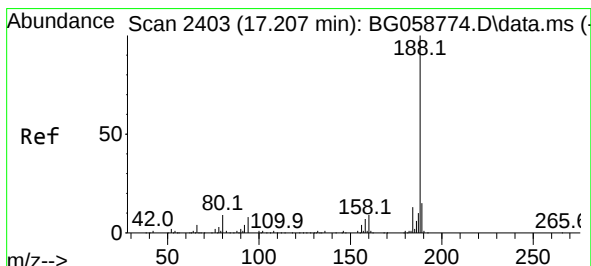
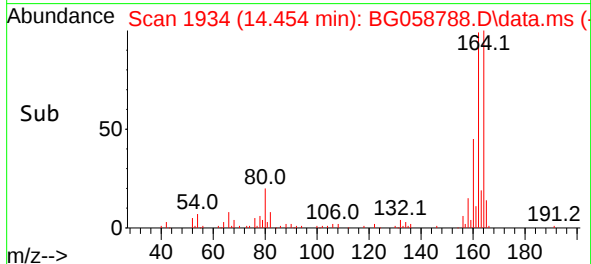
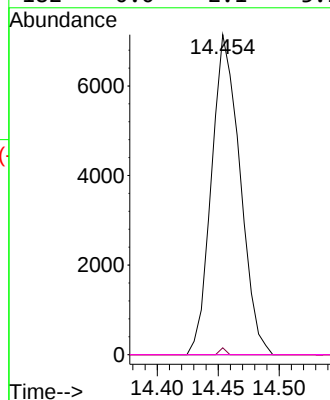
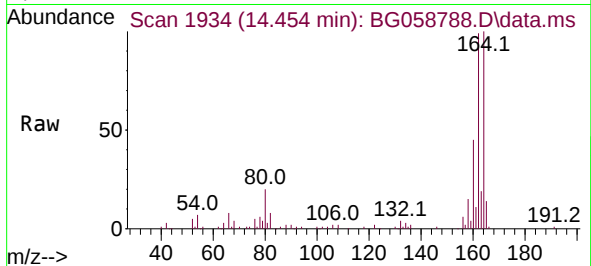
Ion Ratio Lower Upper

165 100

63 2.2 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: 17.203 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058788.D

Acq: 21 Aug 2023 11:01

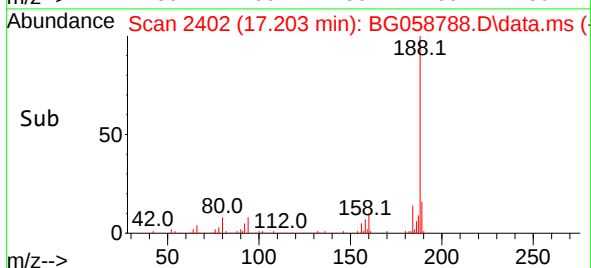
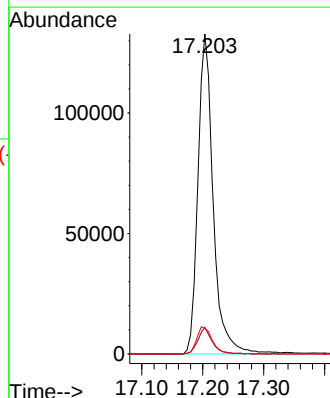
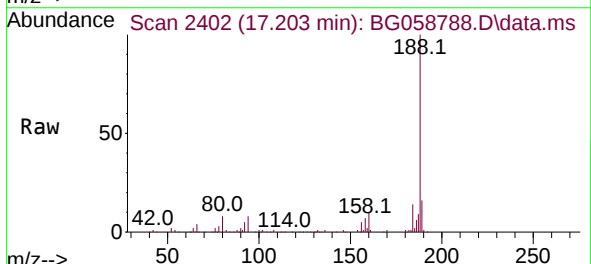
Tgt Ion:188 Resp: 230421

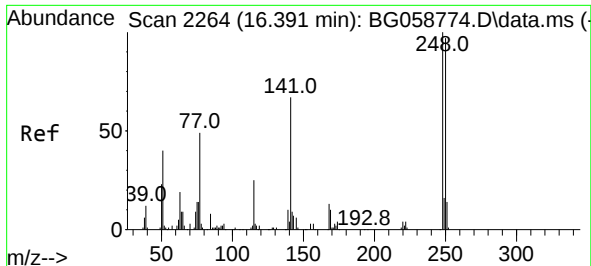
Ion Ratio Lower Upper

188 100

94 8.3 6.1 9.1

80 8.0 6.9 10.3

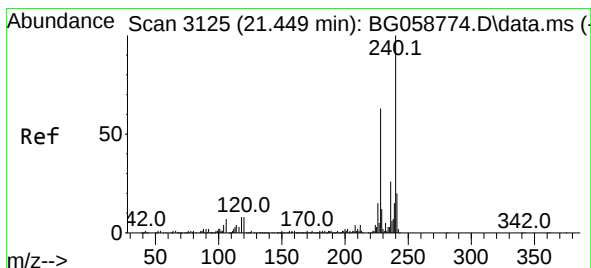
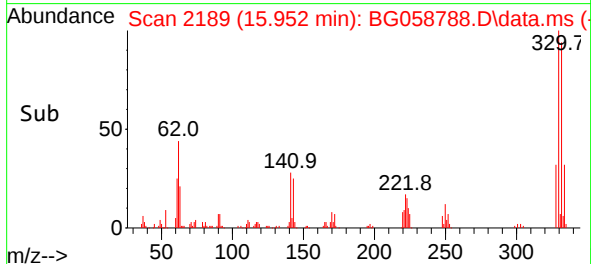
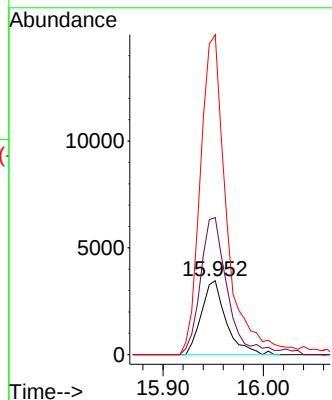
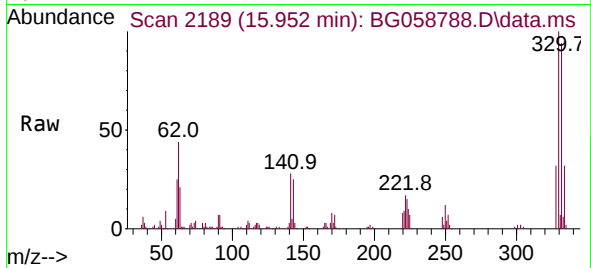




#67
4-Bromophenyl-phenylether
Concen: 2.343 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.439 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

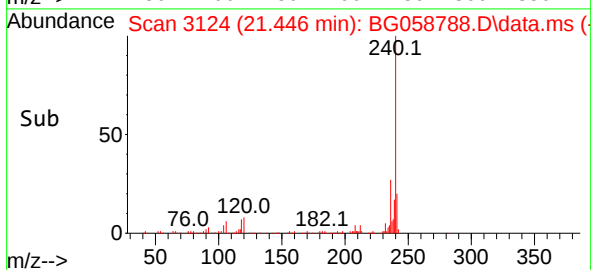
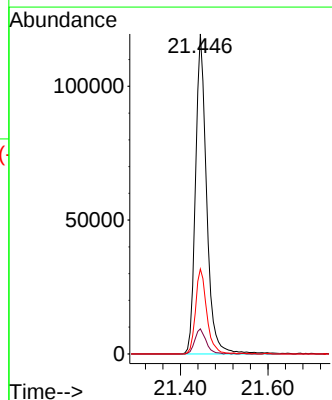
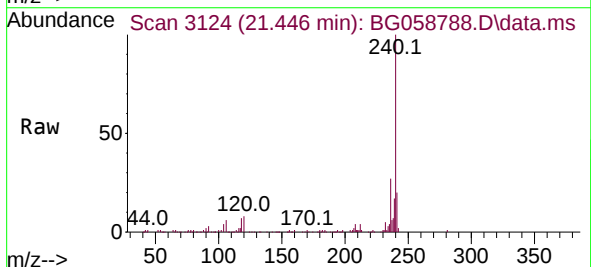
Instrument :
BNA_G
ClientSampleId :
B-PP18B

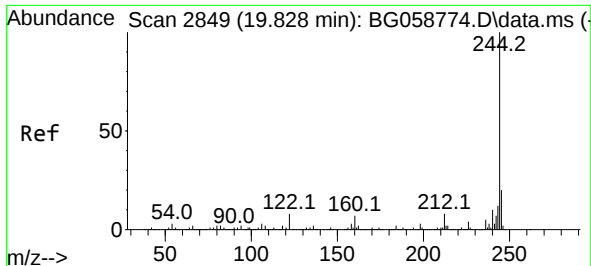
Tgt Ion:248 Resp: 5924
Ion Ratio Lower Upper
248 100
250 185.7 77.7 116.5#
141 433.5 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058788.D
Acq: 21 Aug 2023 11:01

Tgt Ion:240 Resp: 209886
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.5 20.5 30.7

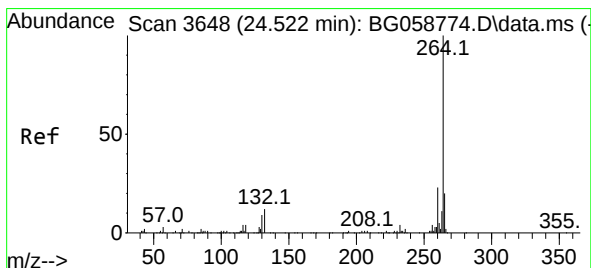
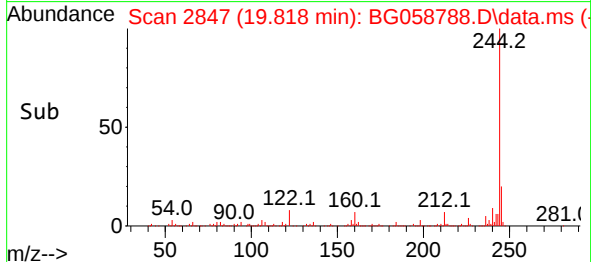
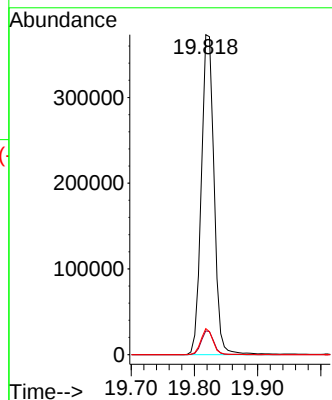
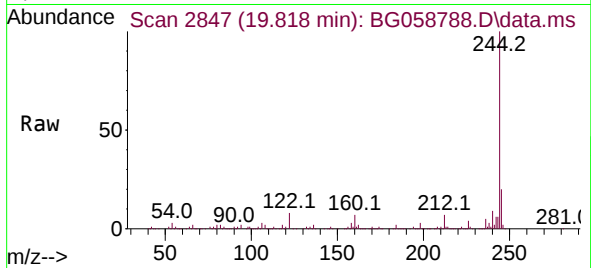




#79
 Terphenyl-d14
 Concen: 44.689 ng
 RT: 19.818 min Scan# 2847
 Delta R.T. -0.010 min
 Lab File: BG058788.D
 Acq: 21 Aug 2023 11:01

Instrument :
 BNA_G
 ClientSampleId :
 B-PP18B

Tgt Ion:244 Resp: 522365
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.2 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. -0.004 min
 Lab File: BG058788.D
 Acq: 21 Aug 2023 11:01

Tgt Ion:264 Resp: 251641
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 21.8 16.4 24.6

