

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058586.D
 Acq On : 3 Aug 2023 9:59
 Operator : MA/JU
 Sample : PB154586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

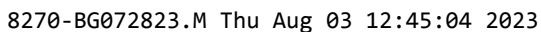
Quant Time: Aug 03 12:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	42356	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	173869	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	120572	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	307404	20.000	ng	0.00
76) Chrysene-d12	21.443	240	306085	20.000	ng	0.00
86) Perylene-d12	24.516	264	377127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	397579	143.470	ng	0.00
7) Phenol-d6	6.984	99	522870	135.598	ng	0.00
23) Nitrobenzene-d5	8.975	82	307978	87.017	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	244109	123.521	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	696930	86.622	ng	0.00
79) Terphenyl-d14	19.827	244	1455665	89.433	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	38169	15.325	ng	Qvalue
51) 2,6-Dinitrotoluene	14.463	165	15140	7.620	ng	# 77
57) 2,4-Dinitrotoluene	14.463	165	15140	5.496	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	15007	4.304	ng	# 1
77) Benzidine	19.827	184	18500	3.986	ng	# 94

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

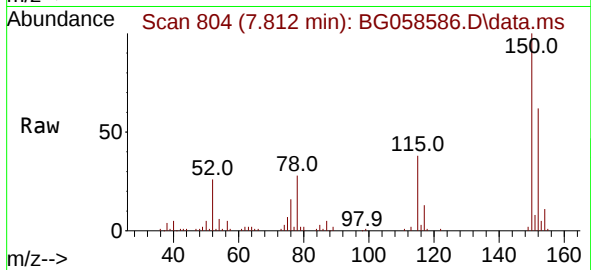
Quant Time: Aug 03 12:41:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration



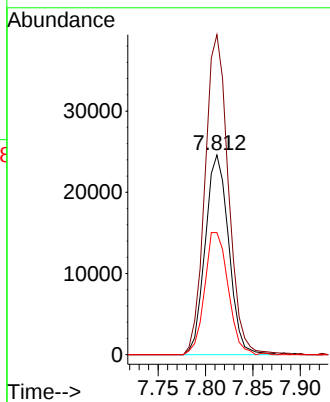
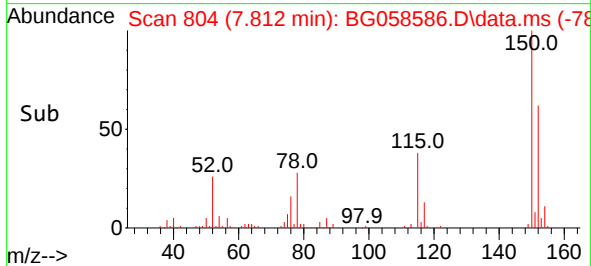


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

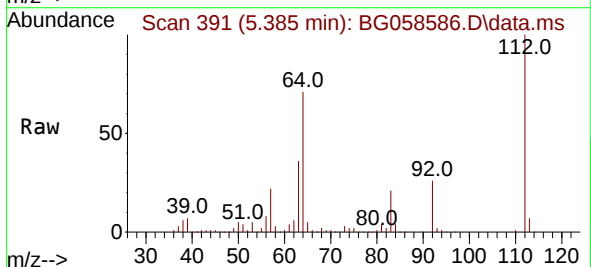
Instrument :
BNA_G
ClientSampleId :



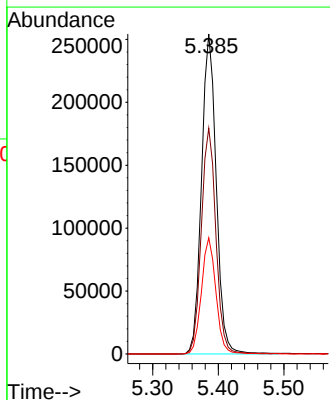
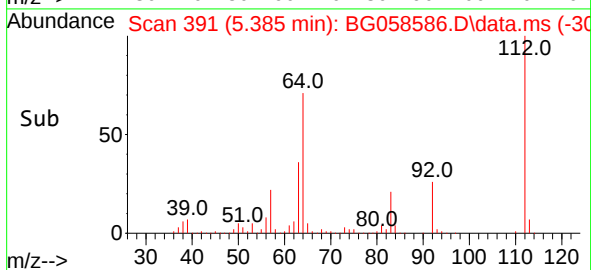
Tgt Ion:152 Resp: 42356
Ion Ratio Lower Upper
152 100
150 160.3 120.5 180.7
115 61.2 45.9 68.9

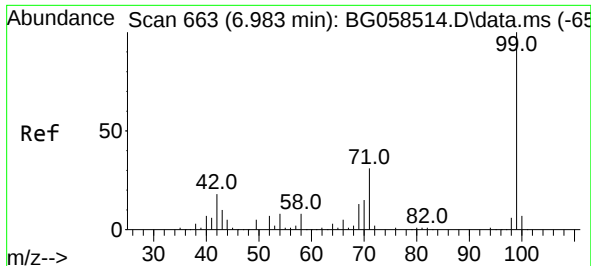


#5
2-Fluorophenol
Concen: 143.470 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59



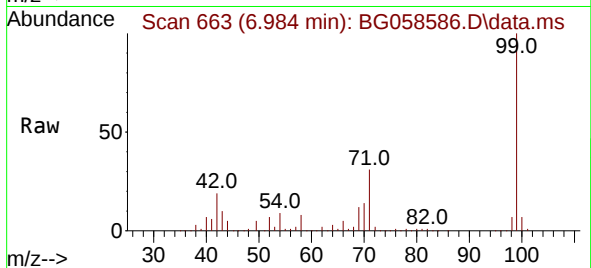
Tgt Ion:112 Resp: 397579
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 36.3 28.3 42.5



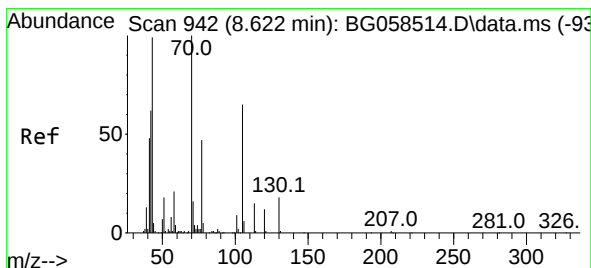
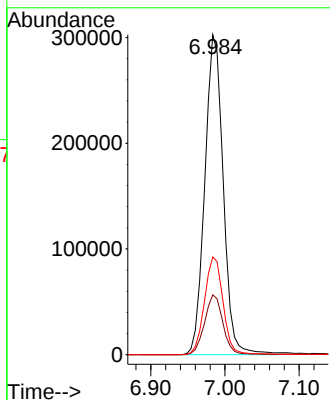
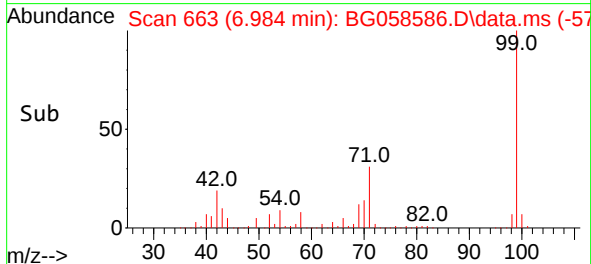


#7
Phenol-d6
Concen: 135.598 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

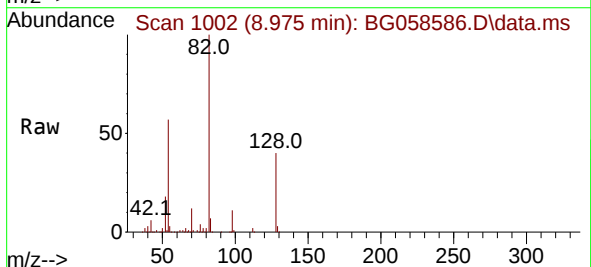
Instrument :
BNA_G
ClientSampleId :



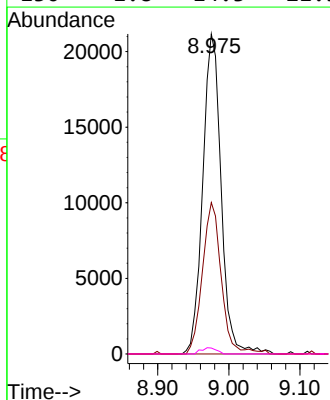
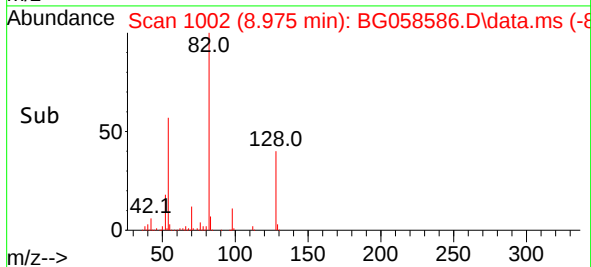
Tgt Ion: 99 Resp: 522870
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 30.6 25.0 37.4

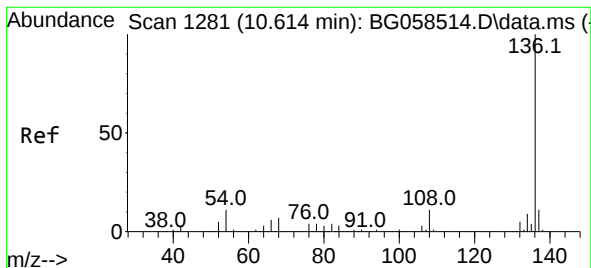


#19
n-Nitroso-di-n-propylamine
Concen: 15.325 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59



Tgt Ion: 70 Resp: 38169
Ion Ratio Lower Upper
70 100
42 47.3 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: 10.615 min Scan# 1001

Delta R.T. 0.001 min

Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 173869

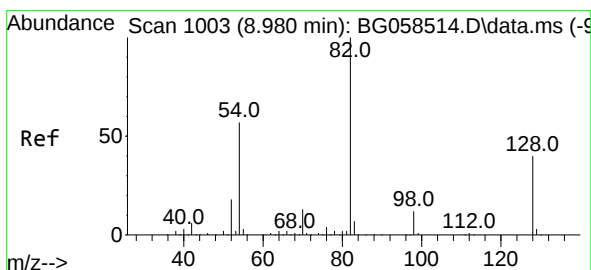
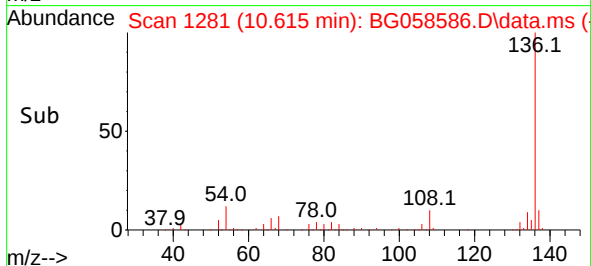
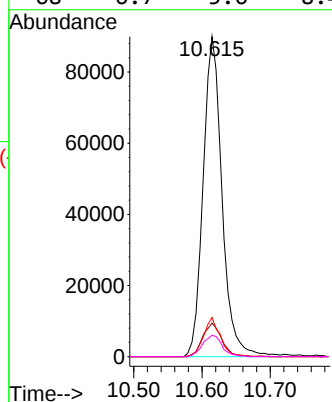
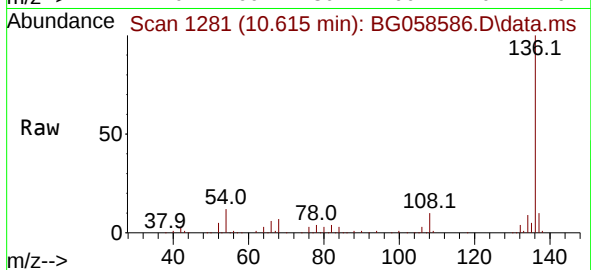
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 12.2 8.9 13.3

68 6.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 87.017 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

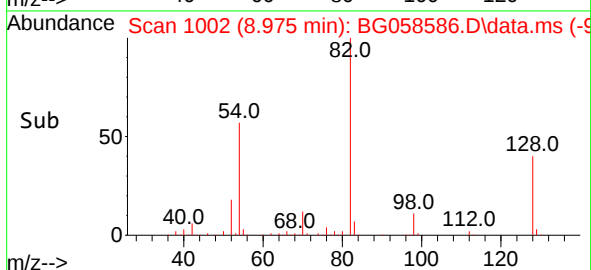
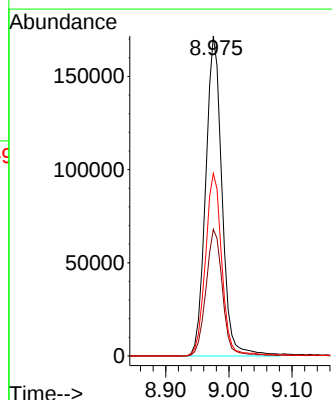
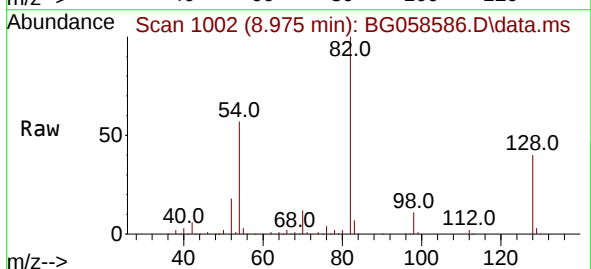
Tgt Ion: 82 Resp: 307978

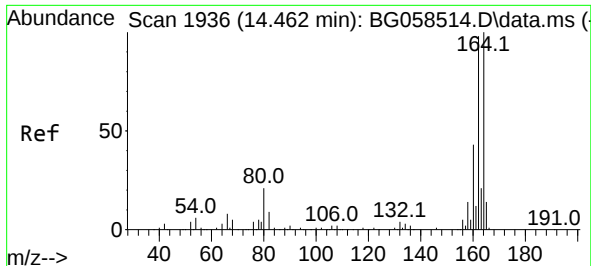
Ion Ratio Lower Upper

82 100

128 39.5 32.2 48.2

54 57.1 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.005 min

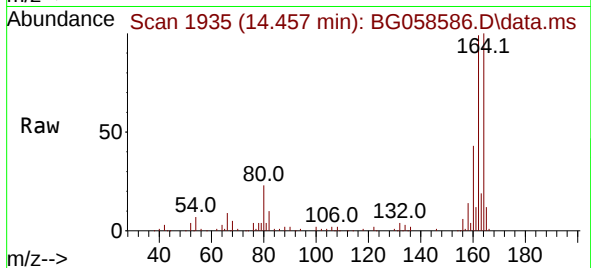
Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

Instrument :

BNA_G

ClientSampleId :



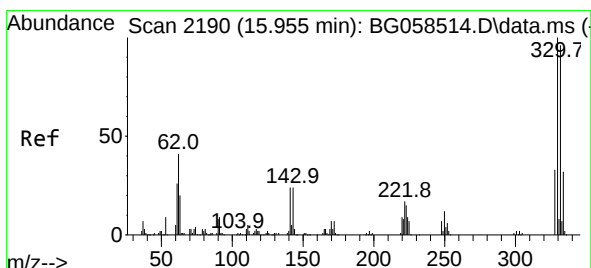
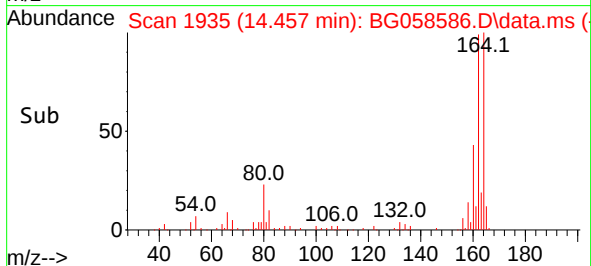
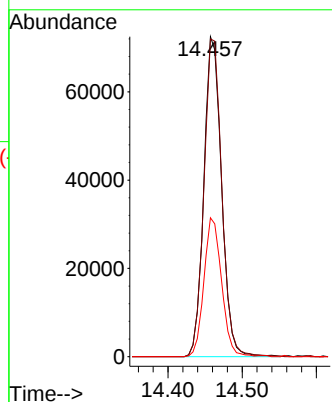
Tgt Ion:164 Resp: 120572

Ion Ratio Lower Upper

164 100

162 99.3 78.3 117.5

160 43.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 123.521 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

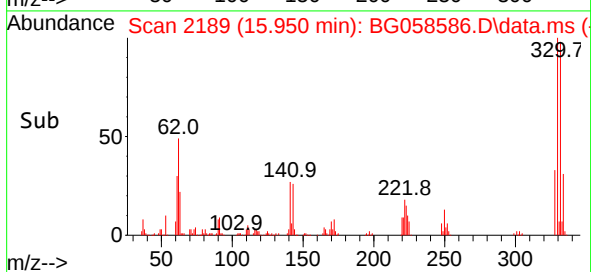
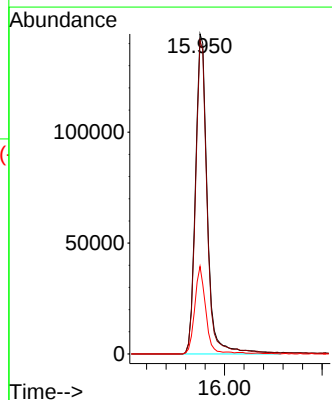
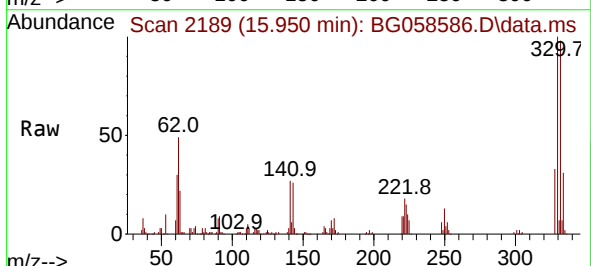
Tgt Ion:330 Resp: 244109

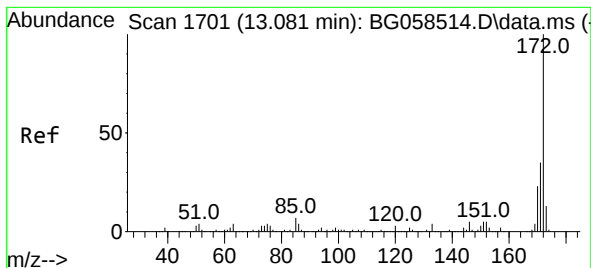
Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

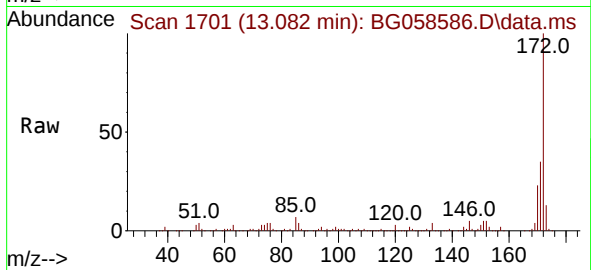
141 25.4 20.7 31.1



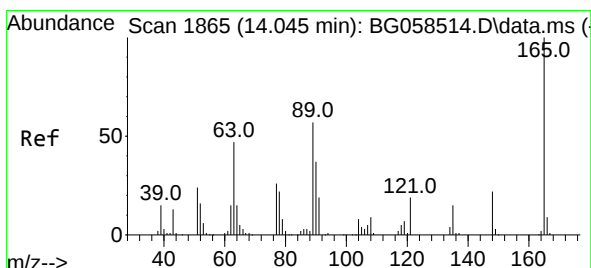
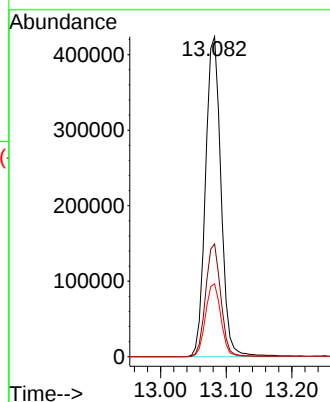
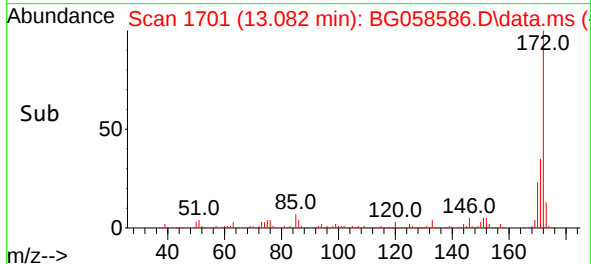


#45
 2-Fluorobiphenyl
 Concen: 86.622 ng
 RT: 13.082 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG058586.D
 Acq: 3 Aug 2023 9:59

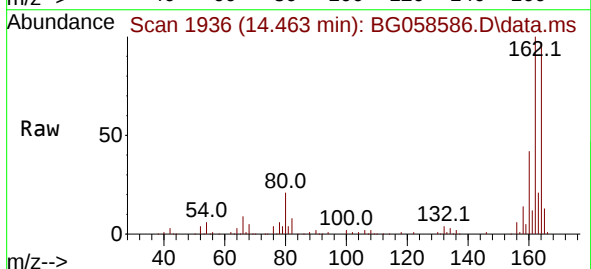
Instrument :
 BNA_G
 ClientSampleId :



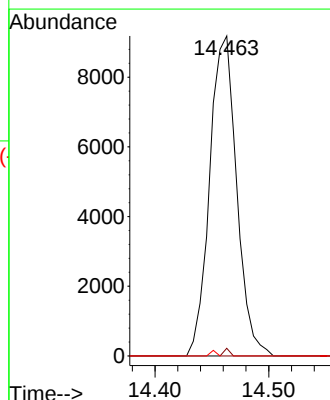
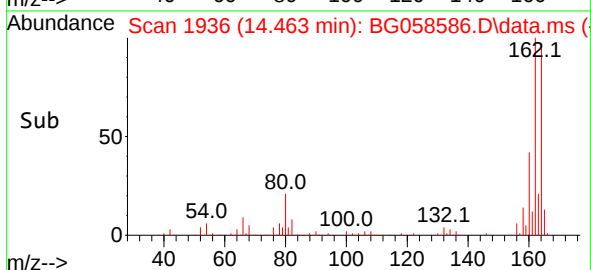
Tgt Ion:172 Resp: 696930
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.0 42.0
 170 22.8 18.4 27.6

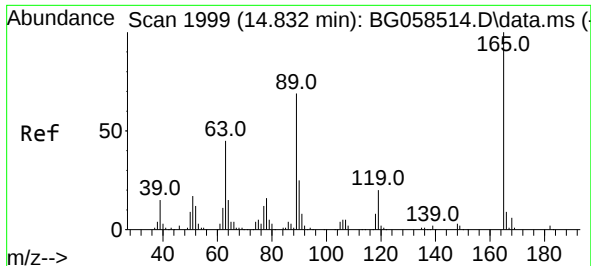


#51
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 14.463 min Scan# 1936
 Delta R.T. 0.418 min
 Lab File: BG058586.D
 Acq: 3 Aug 2023 9:59



Tgt Ion:165 Resp: 15140
 Ion Ratio Lower Upper
 165 100
 63 2.4 46.4 69.6#
 89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.496 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.369 min

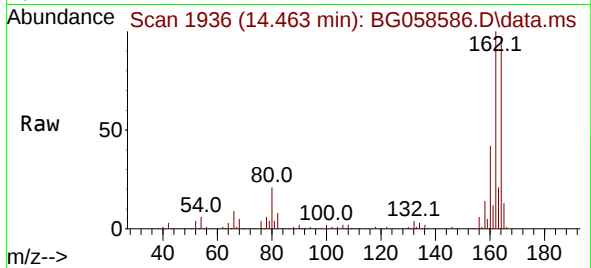
Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 15140

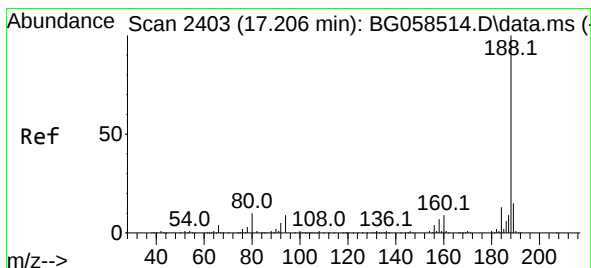
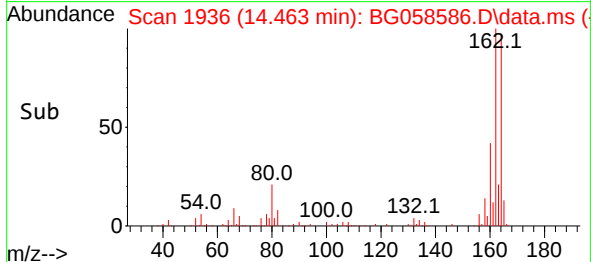
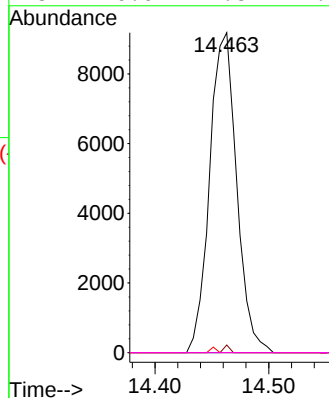
Ion Ratio Lower Upper

165 100

63 2.4 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058586.D

Acq: 3 Aug 2023 9:59

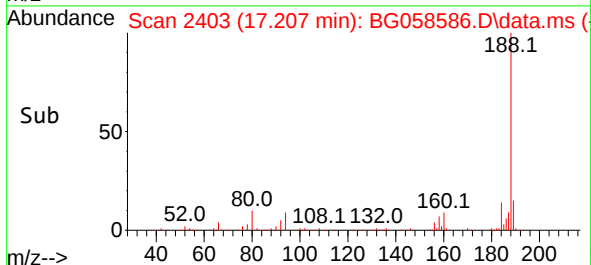
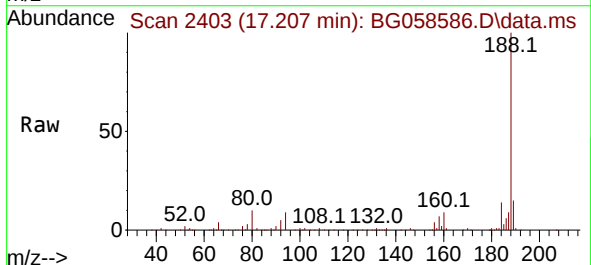
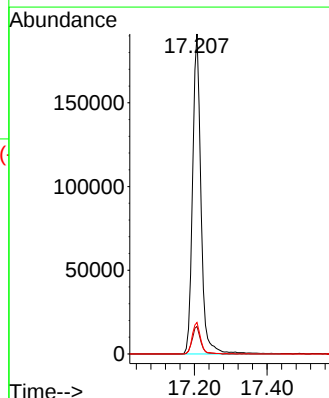
Tgt Ion:188 Resp: 307404

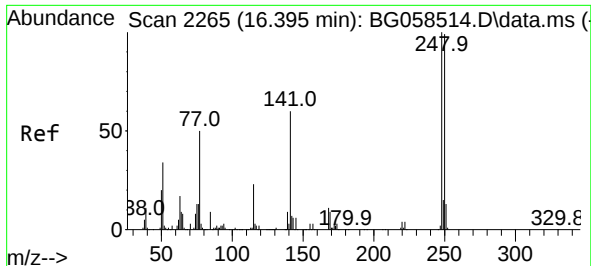
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.9 8.1 12.1

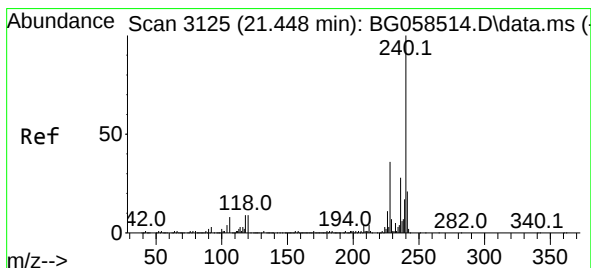
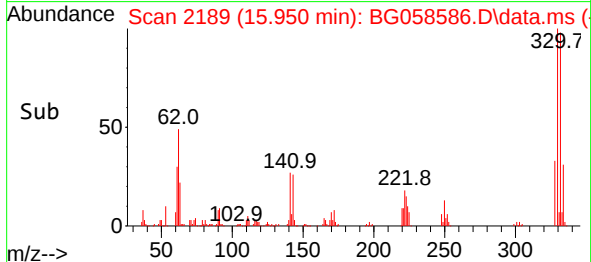
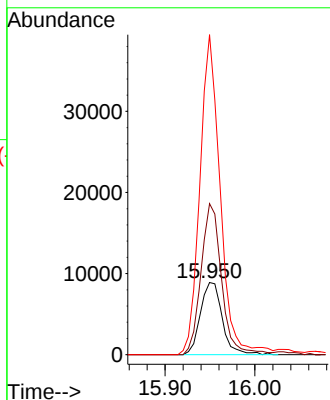
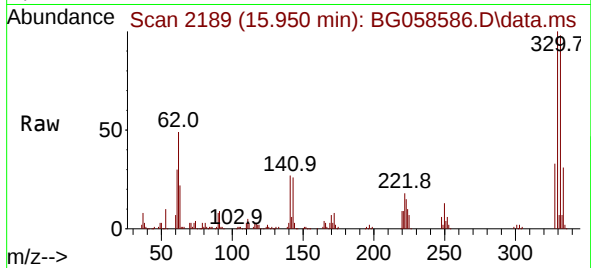




#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

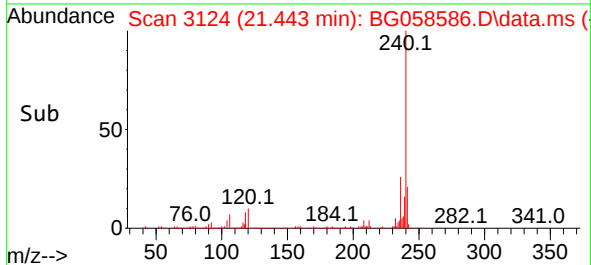
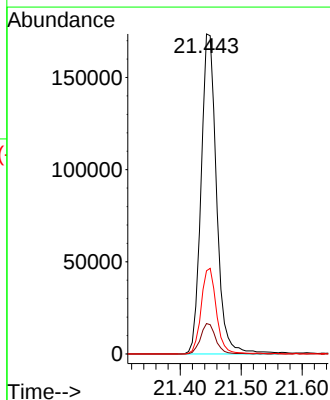
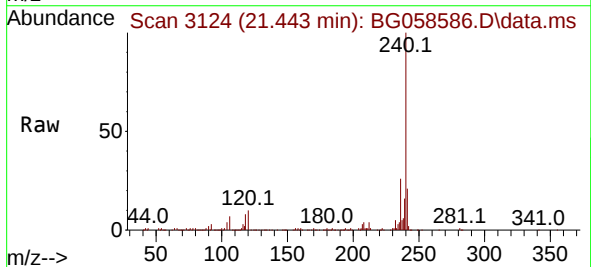
Instrument :
BNA_G
ClientSampleId :

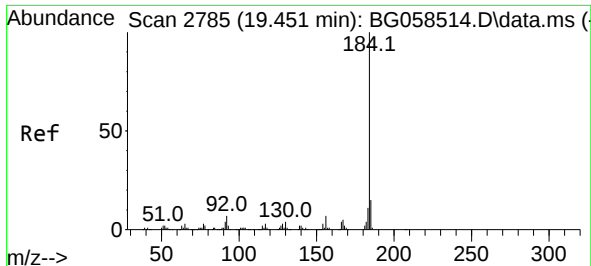
Tgt Ion:248 Resp: 15007
Ion Ratio Lower Upper
248 100
250 209.5 79.5 119.3#
141 443.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

Tgt Ion:240 Resp: 306085
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.0 22.2 33.4

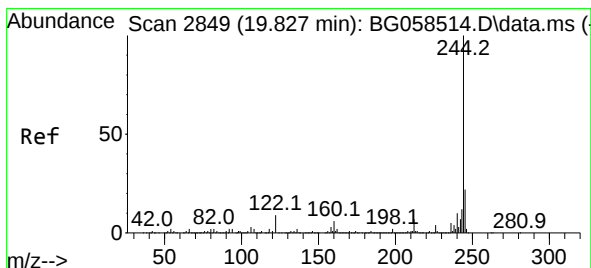
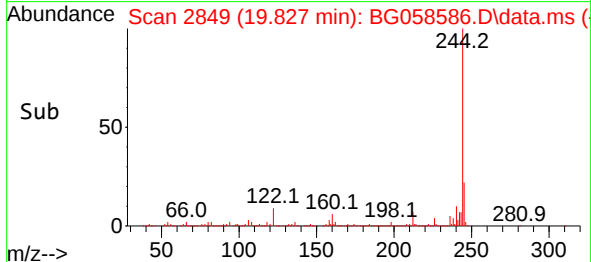
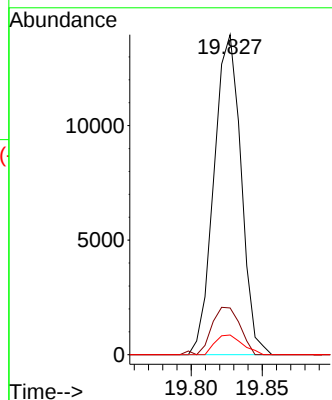
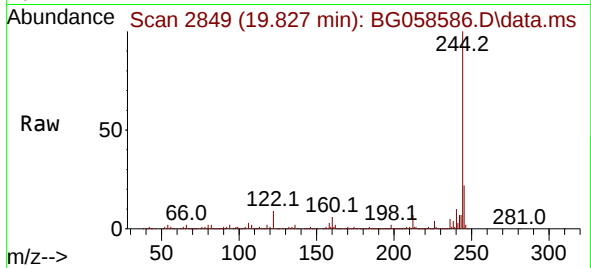




#77
Benzidine
Concen: 3.986 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

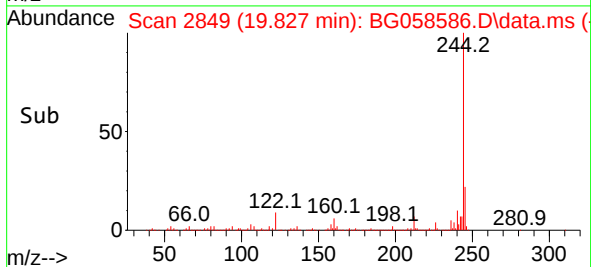
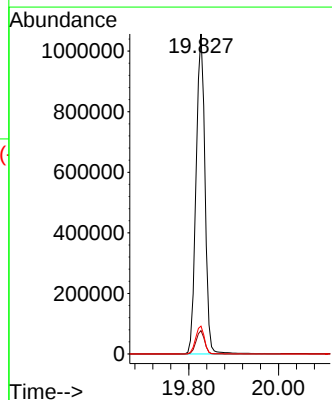
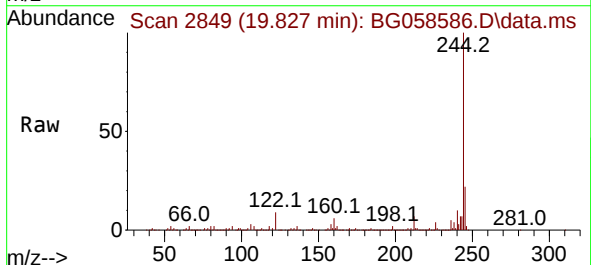
Instrument :
BNA_G
ClientSampleId :

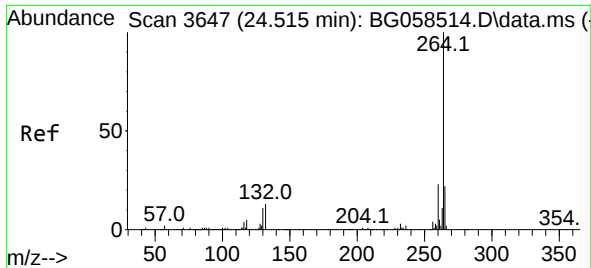
Tgt Ion:184 Resp: 18500
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 89.433 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

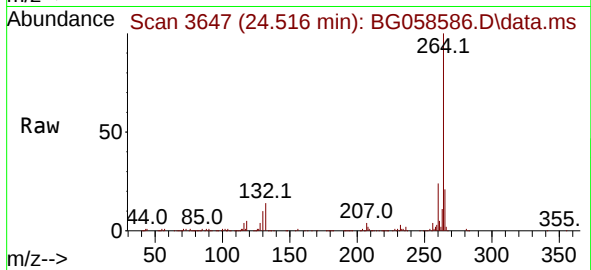
Tgt Ion:244 Resp: 1455665
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058586.D
Acq: 3 Aug 2023 9:59

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	264	Resp:	377127
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.4	27.6
265	21.3	17.9	26.9

