

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055613.D
 Acq On : 14 Nov 2022 20:48
 Operator : CG/JU
 Sample : N5531-13RX
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28B

Quant Time: Nov 15 01:05:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

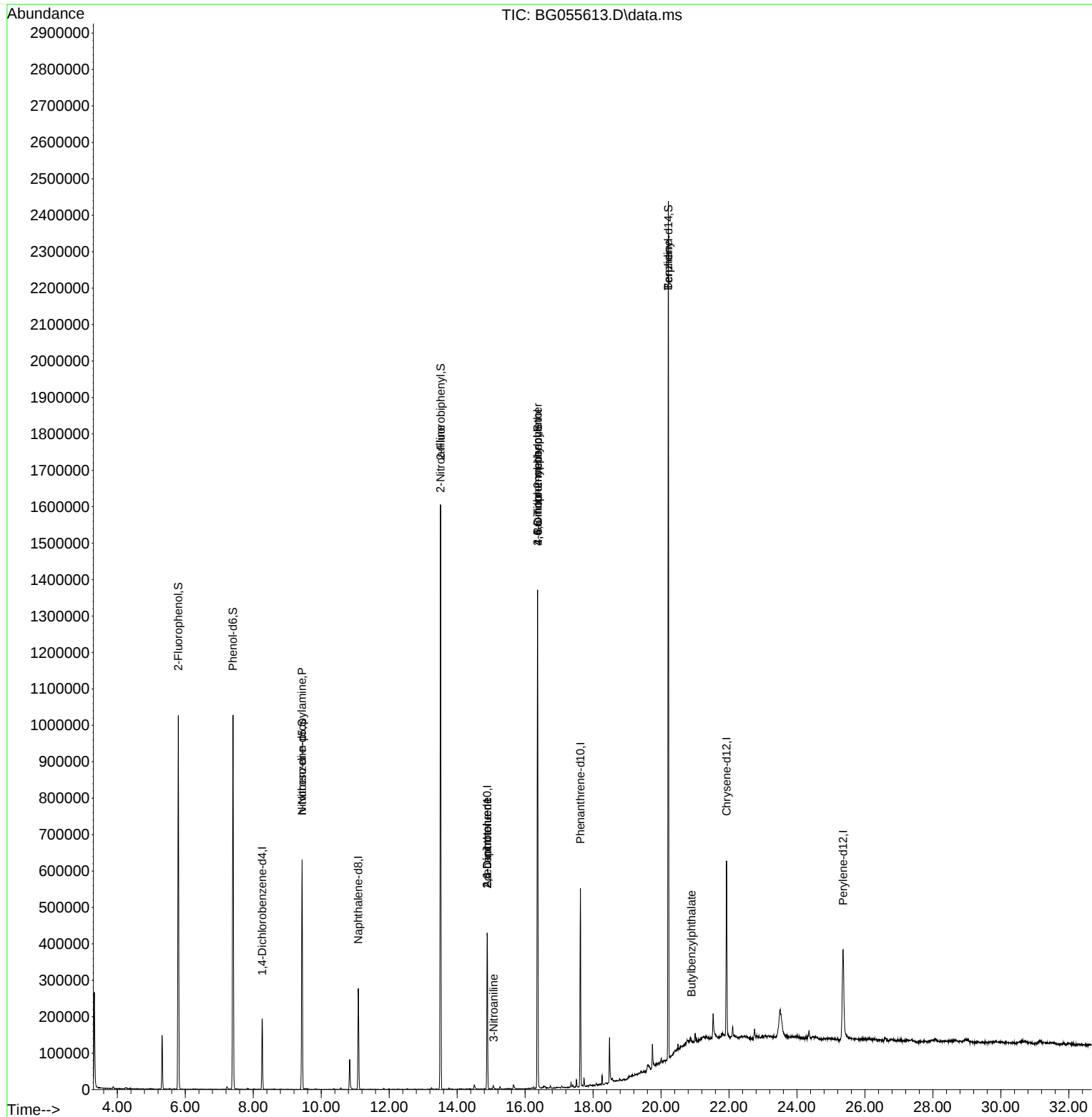
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	56697	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	230039	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	156852	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	342605	20.000	ng	0.00
76) Chrysene-d12	21.928	240	310291	20.000	ng	0.00
86) Perylene-d12	25.359	264	330645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	436620	146.682	ng	0.00
7) Phenol-d6	7.403	99	567465	138.011	ng	0.00
23) Nitrobenzene-d5	9.436	82	368274	108.529	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	290862	190.055	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	846149	81.371	ng	0.00
79) Terphenyl-d14	20.218	244	1230942	79.681	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.436	70	50984	15.004	ng	# 76
48) 2-Nitroaniline	13.508	65	1444	4.370	ng	# 14
51) 2,6-Dinitrotoluene	14.883	165	20677	12.373	ng	# 22
53) 3-Nitroaniline	15.077	138	537	3.975	ng	# 1
57) 2,4-Dinitrotoluene	14.883	165	20677	10.530	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.369	198	875	2.955	ng	# 1
67) 4-Bromophenyl-phenylether	16.369	248	19300	5.522	ng	# 1
77) Benzidine	20.212	184	20150	2.400	ng	# 93
80) Butylbenzylphthalate	20.893	149	285	3.398	ng	# 70

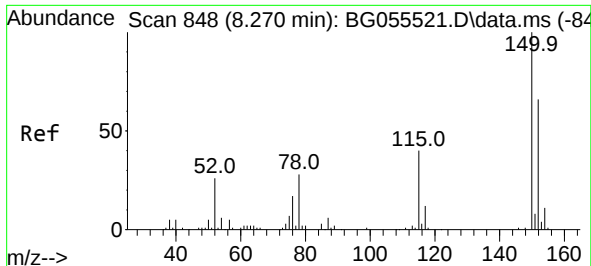
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055613.D
Acq On : 14 Nov 2022 20:48
Operator : CG/JU
Sample : N5531-13RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-28B

Quant Time: Nov 15 01:05:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

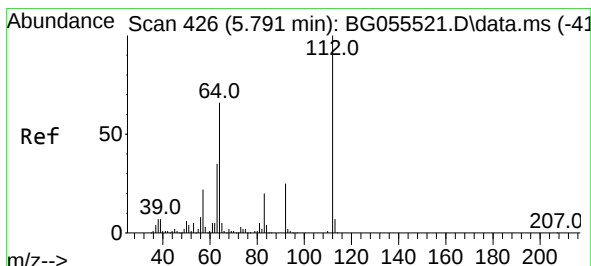
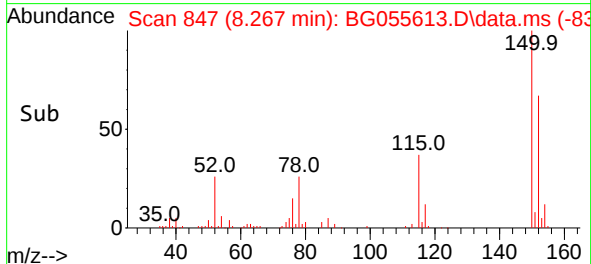
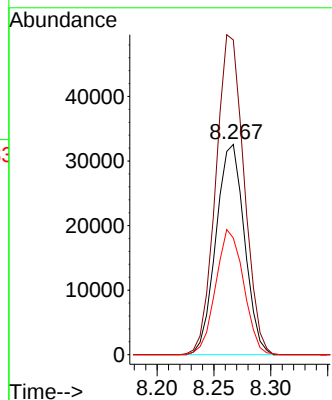
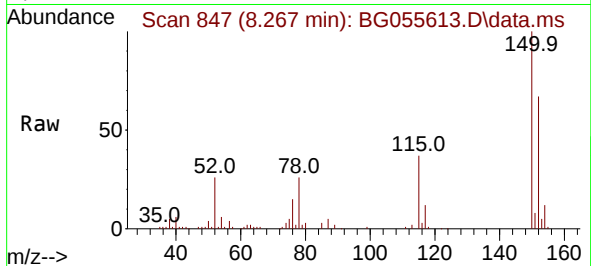




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 848
Delta R.T. -0.003 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

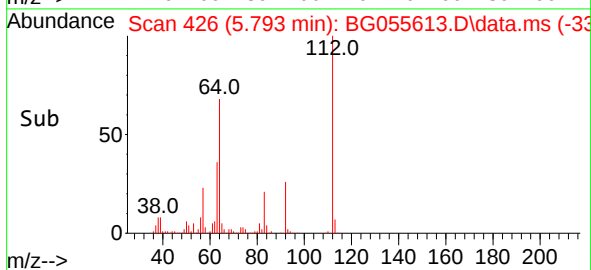
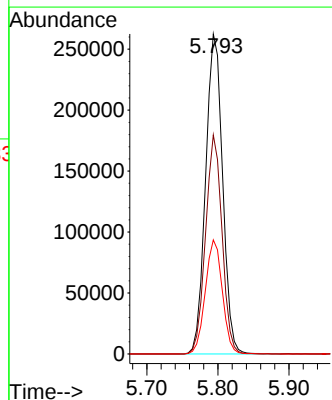
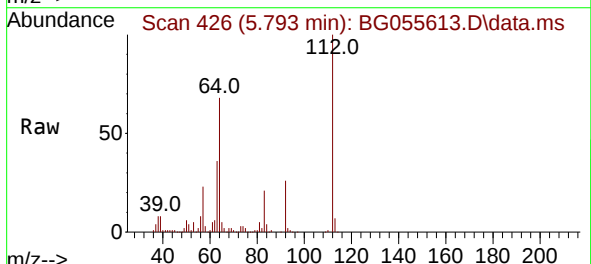
Instrument :
BNA_G
ClientSampleId :
SB-28B

Tgt Ion:152 Resp: 56697
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 55.5 47.8 71.8



#5
2-Fluorophenol
Concen: 146.682 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:112 Resp: 436620
Ion Ratio Lower Upper
112 100
64 68.4 52.6 78.8
63 35.6 28.3 42.5

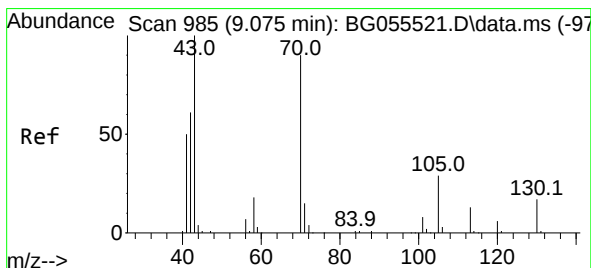
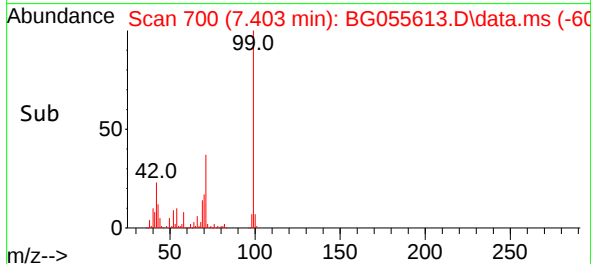
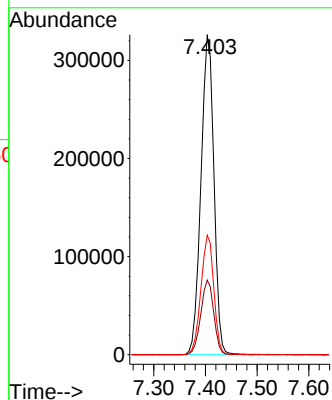
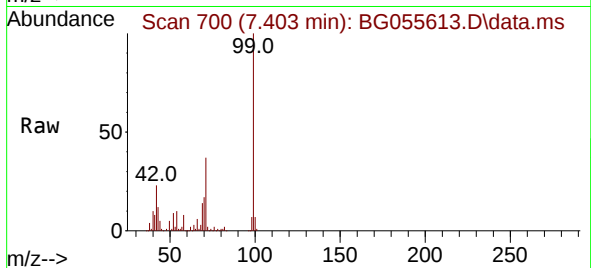




#7
Phenol-d6
Concen: 138.011 ng
RT: 7.403 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

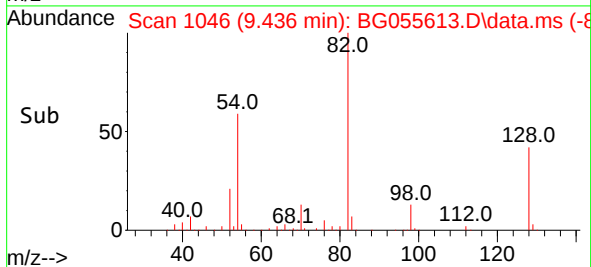
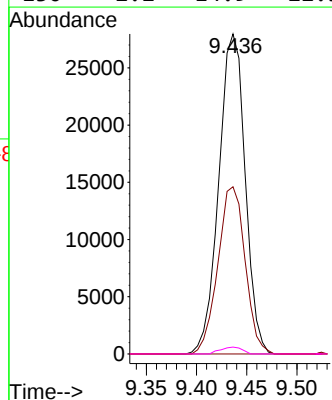
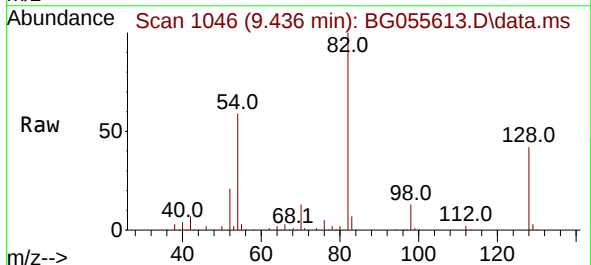
Instrument :
BNA_G
ClientSampleId :
SB-28B

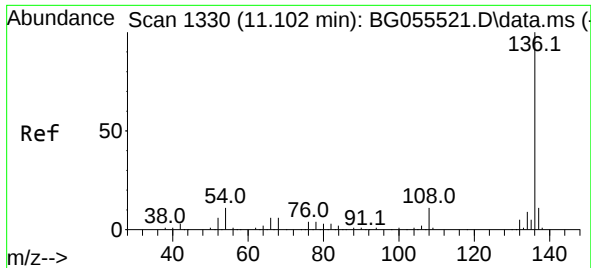
Tgt Ion: 99 Resp: 567465
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 37.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.004 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.361 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion: 70 Resp: 50984
Ion Ratio Lower Upper
70 100
42 52.3 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

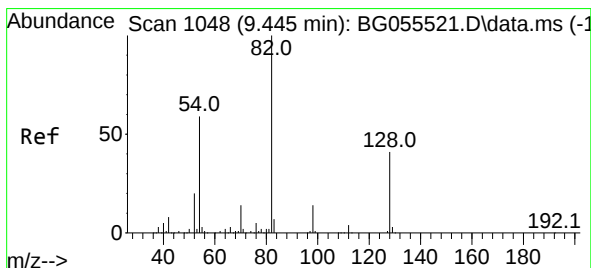
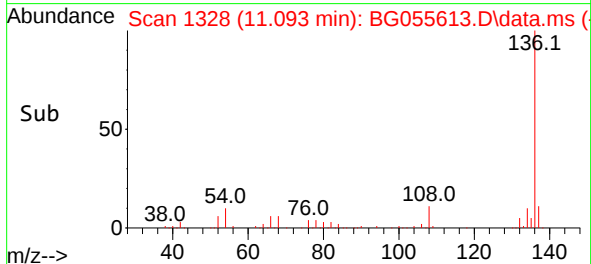
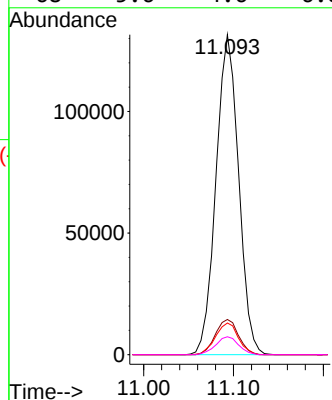
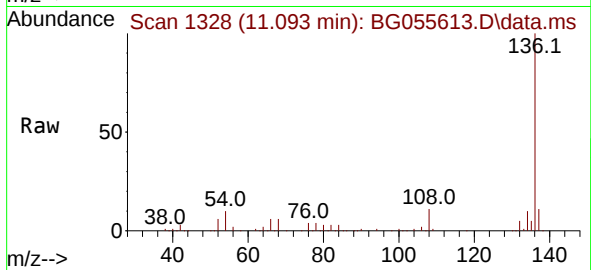




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

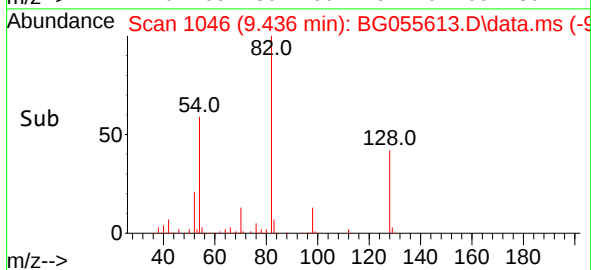
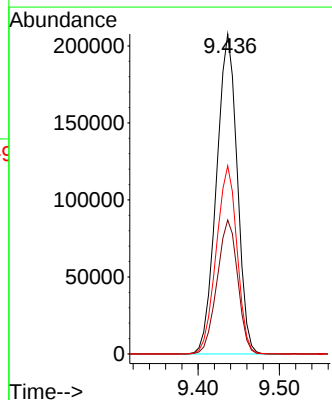
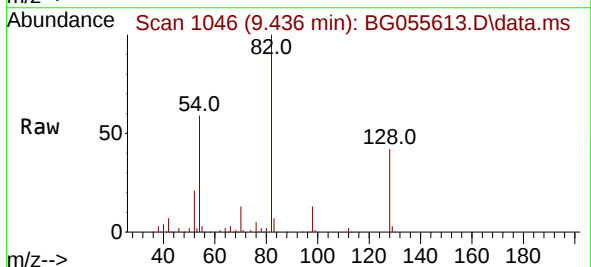
Instrument :
BNA_G
ClientSampleId :
SB-28B

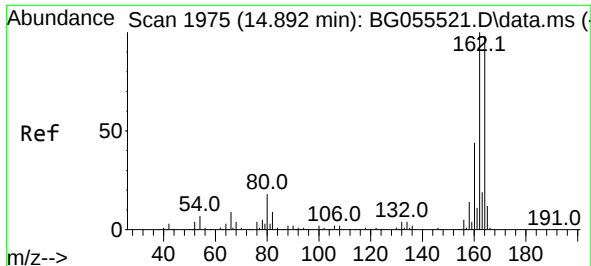
Tgt Ion:	136	Resp:	230039
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	9.9	8.6	12.8
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 108.529 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:	82	Resp:	368274
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.6	49.0
54	58.8	47.3	70.9

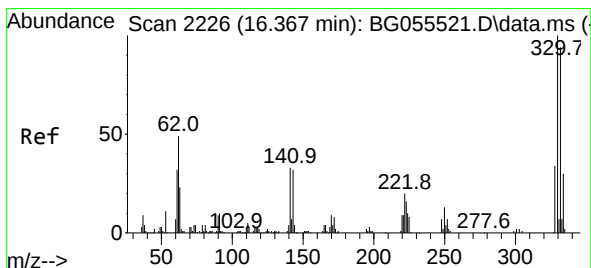
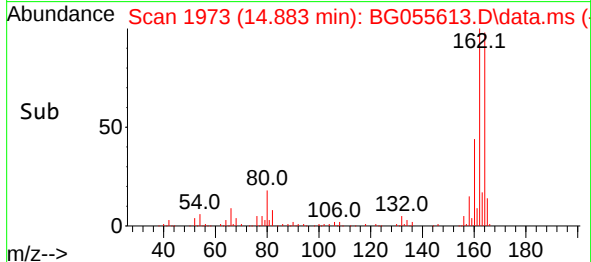
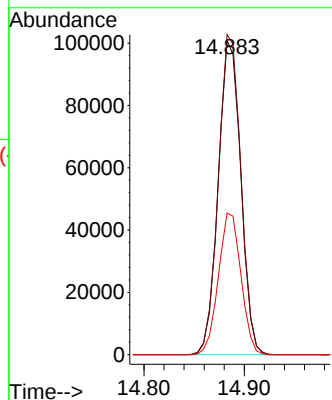
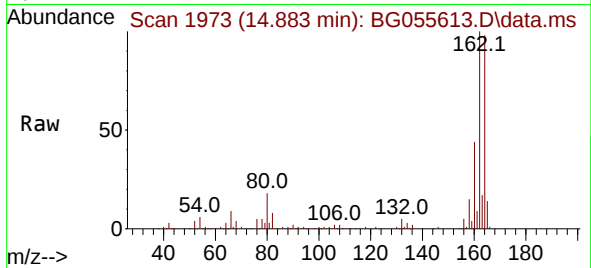




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1975
Delta R.T. -0.009 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

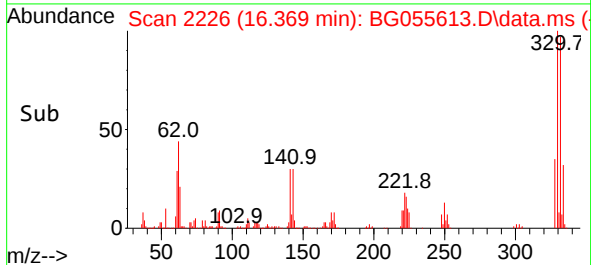
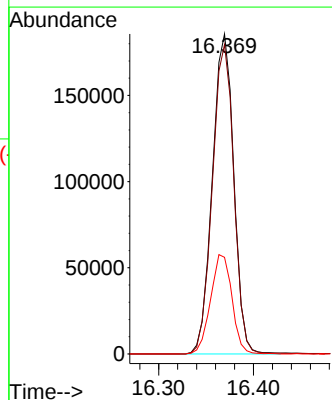
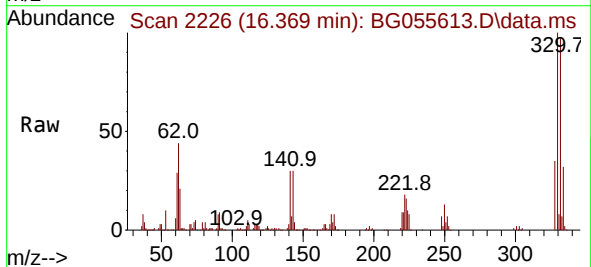
Instrument :
BNA_G
ClientSampleId :
SB-28B

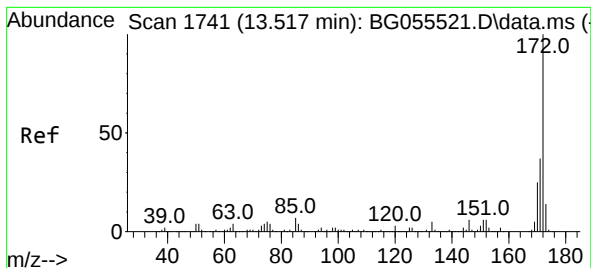
Tgt Ion:164 Resp: 156852
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 190.055 ng
RT: 16.369 min Scan# 2226
Delta R.T. 0.002 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:330 Resp: 290862
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 31.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 81.371 ng

RT: 13.514 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

Instrument :

BNA_G

ClientSampleId :

SB-28B

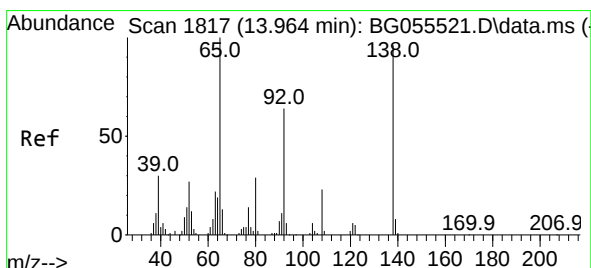
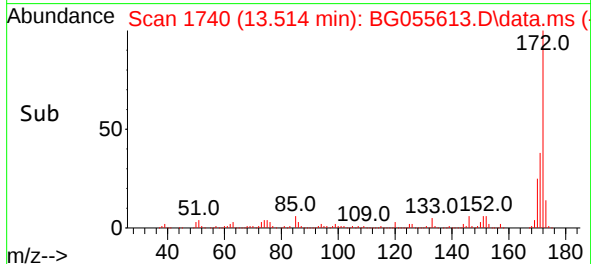
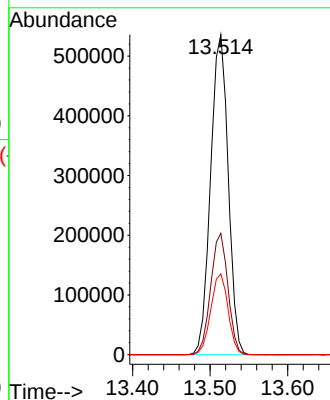
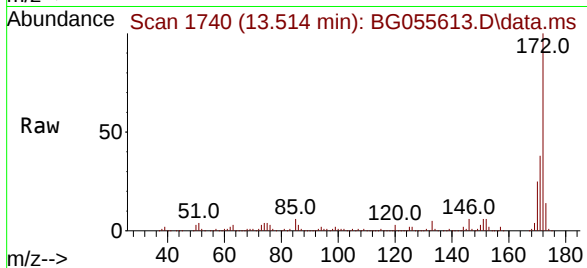
Tgt Ion:172 Resp: 846149

Ion Ratio Lower Upper

172 100

171 37.9 29.7 44.5

170 25.3 19.8 29.6



#48

2-Nitroaniline

Concen: 4.370 ng

RT: 13.508 min Scan# 1739

Delta R.T. -0.456 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

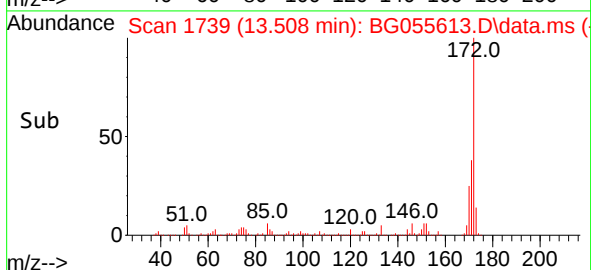
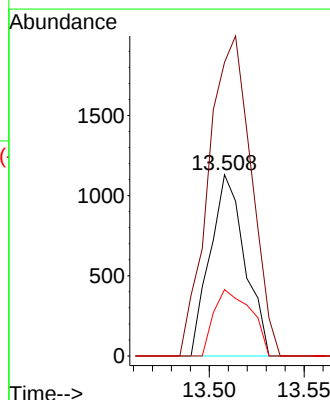
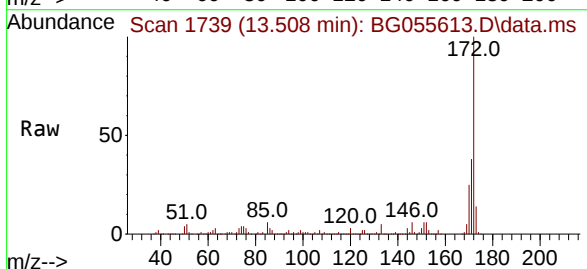
Tgt Ion: 65 Resp: 1444

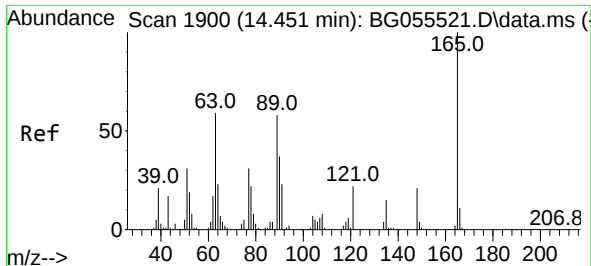
Ion Ratio Lower Upper

65 100

92 161.9 51.6 77.4#

138 36.6 77.0 115.4#

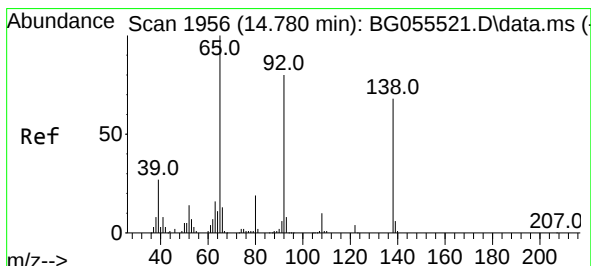
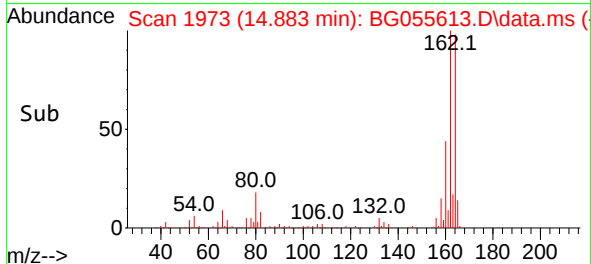
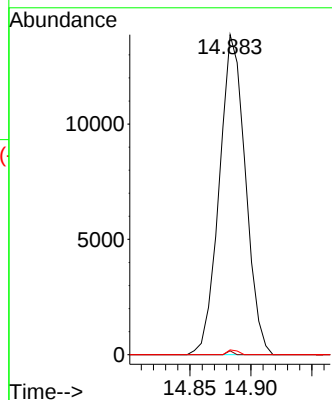
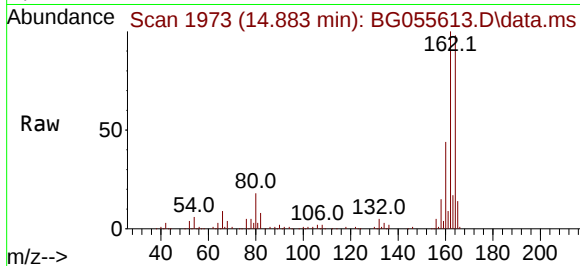




#51
2,6-Dinitrotoluene
Concen: 12.373 ng
RT: 14.883 min Scan# 14
Delta R.T. 0.432 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

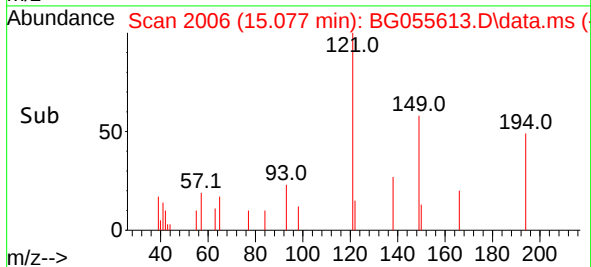
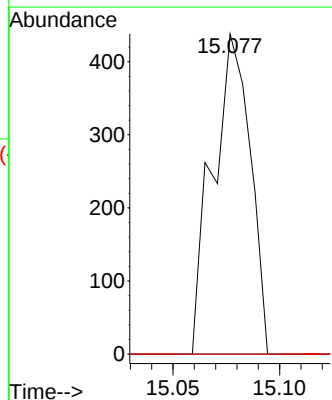
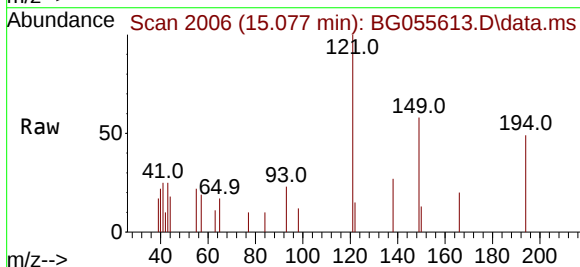
Instrument :
BNA_G
ClientSampleId :
SB-28B

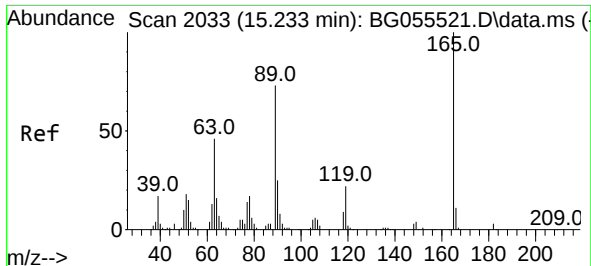
Tgt Ion:165 Resp: 20677
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.5 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.975 ng
RT: 15.077 min Scan# 2006
Delta R.T. 0.297 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:138 Resp: 537
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.530 ng

RT: 14.883 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

Instrument :

BNA_G

ClientSampleId :

SB-28B

Tgt Ion:165 Resp: 20677

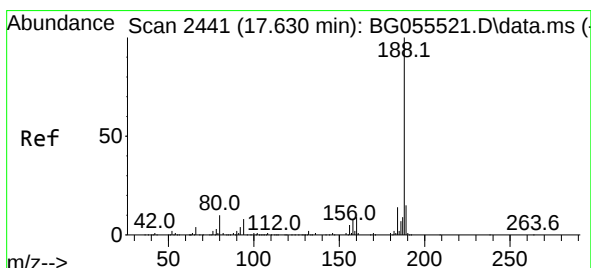
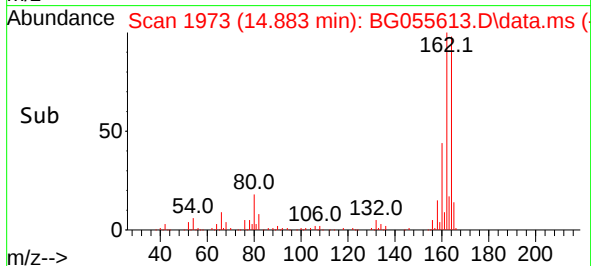
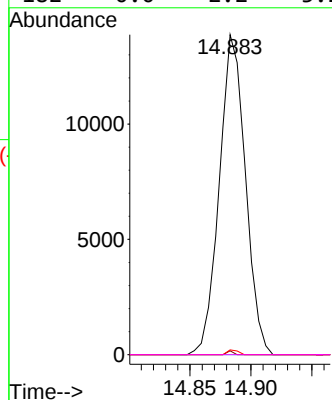
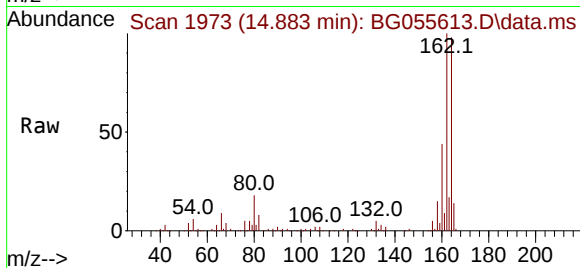
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.4#

89 1.5 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.627 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

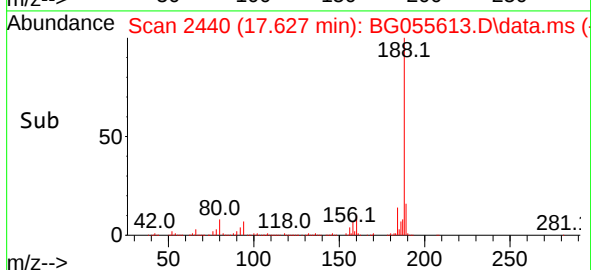
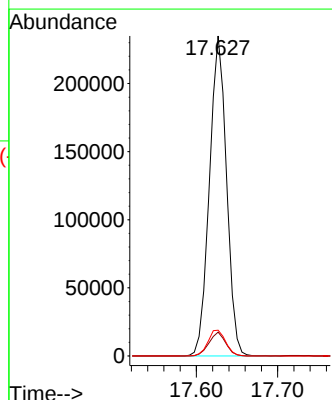
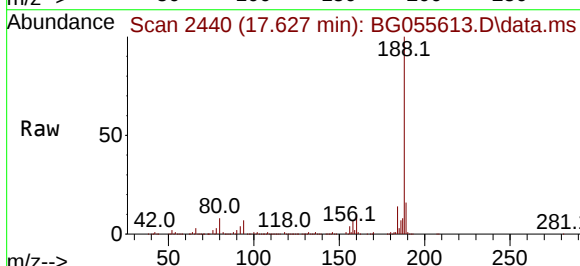
Tgt Ion:188 Resp: 342605

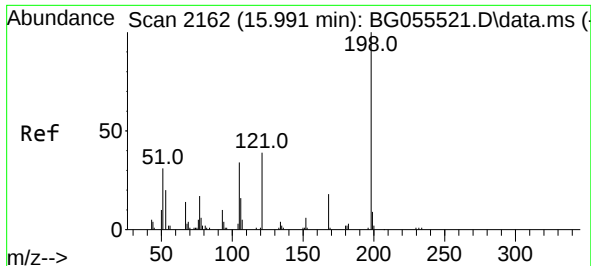
Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.1 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.955 ng

RT: 16.369 min Scan# 2162

Delta R.T. 0.378 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

Instrument :

BNA_G

ClientSampleId :

SB-28B

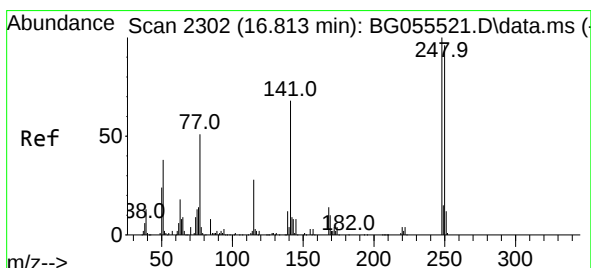
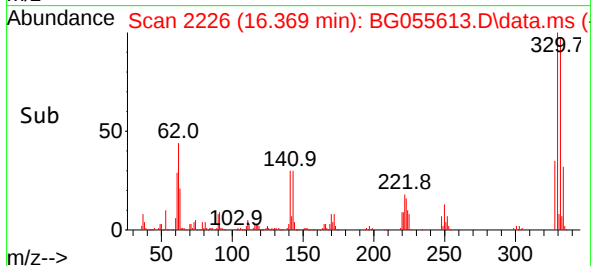
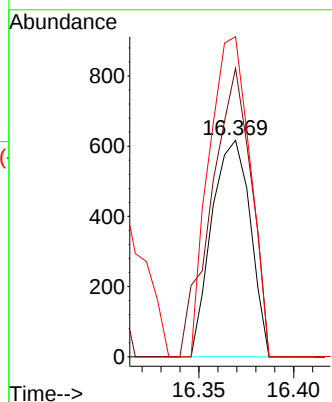
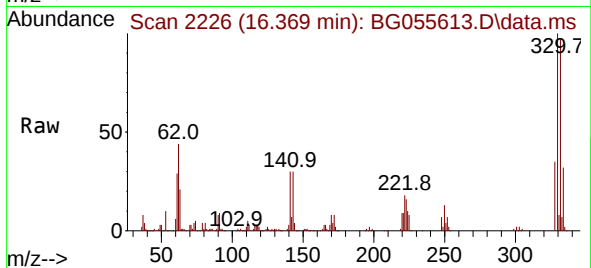
Tgt Ion:198 Resp: 875

Ion Ratio Lower Upper

198 100

51 133.2 24.7 64.7#

105 147.8 17.6 57.6#



#67

4-Bromophenyl-phenylether

Concen: 5.522 ng

RT: 16.369 min Scan# 2226

Delta R.T. -0.444 min

Lab File: BG055613.D

Acq: 14 Nov 2022 20:48

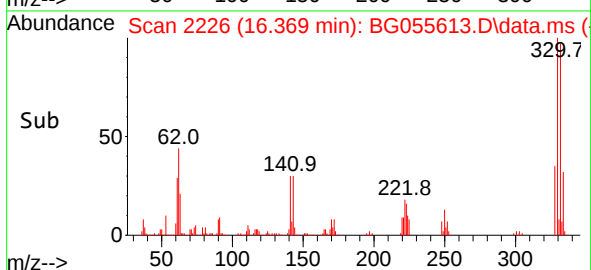
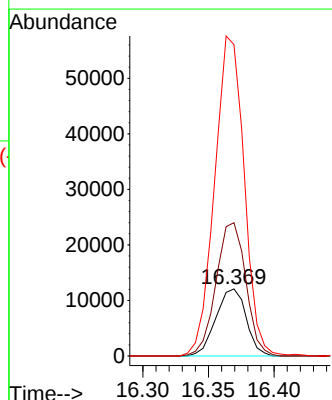
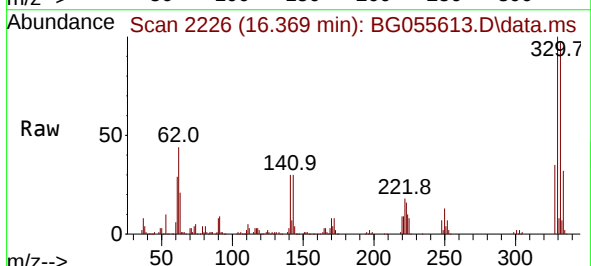
Tgt Ion:248 Resp: 19300

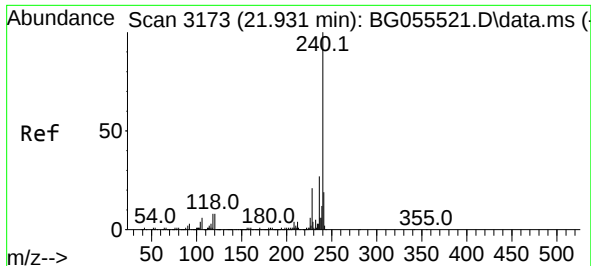
Ion Ratio Lower Upper

248 100

250 198.6 76.9 115.3#

141 464.1 54.3 81.5#

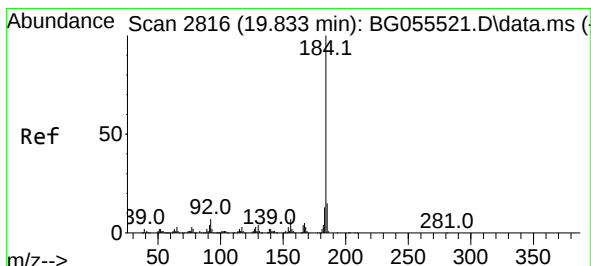
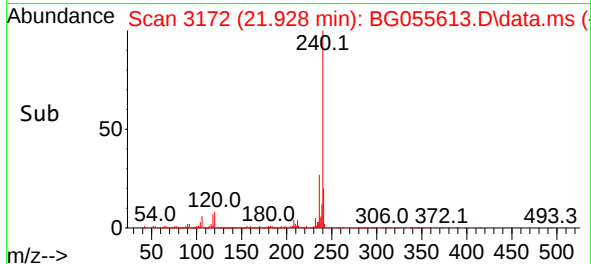
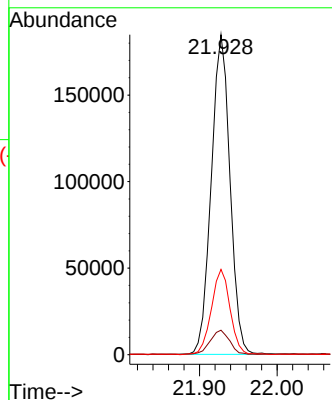
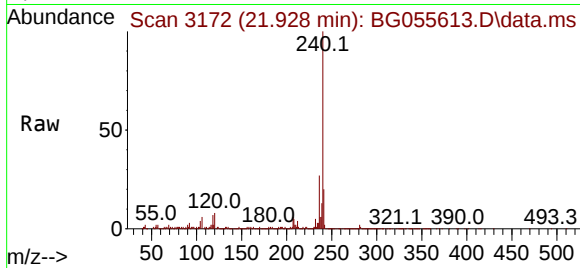




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

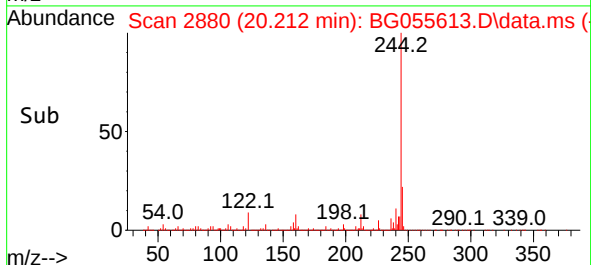
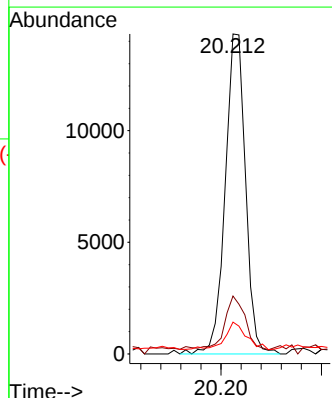
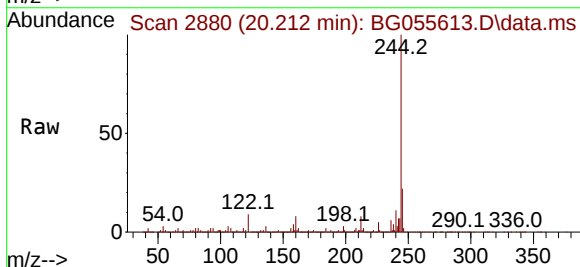
Instrument :
BNA_G
ClientSampleId :
SB-28B

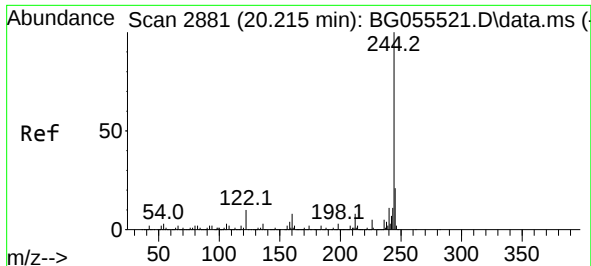
Tgt Ion:240 Resp: 310291
Ion Ratio Lower Upper
240 100
120 7.6 6.1 9.1
236 26.7 21.4 32.0



#77
Benzidine
Concen: 2.400 ng
RT: 20.212 min Scan# 2880
Delta R.T. 0.379 min
Lab File: BG055613.D
Acq: 14 Nov 2022 20:48

Tgt Ion:184 Resp: 20150
Ion Ratio Lower Upper
184 100
185 18.1 12.0 18.0#
183 9.9 10.2 15.2#

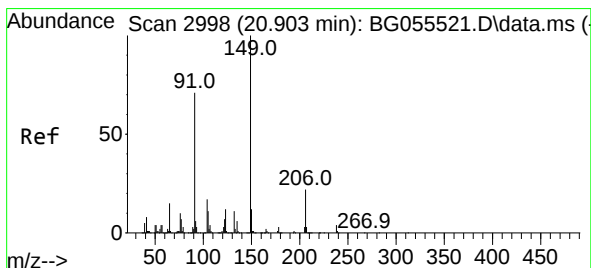
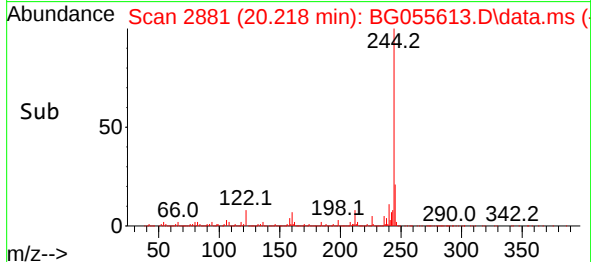
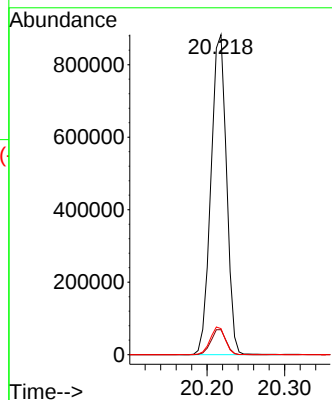
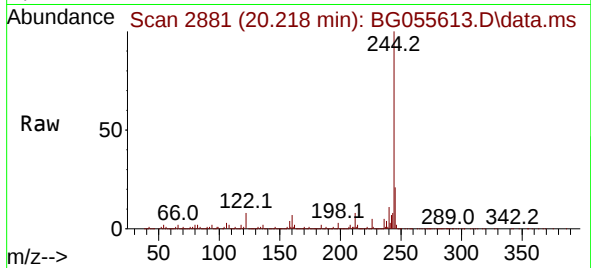




#79
 Terphenyl-d14
 Concen: 79.681 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

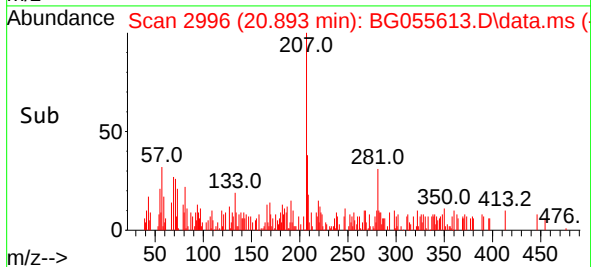
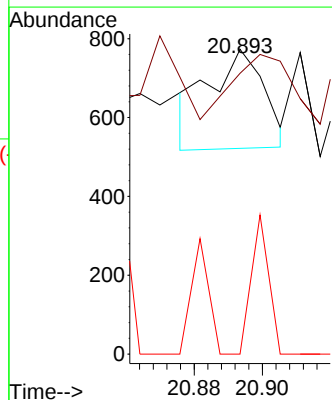
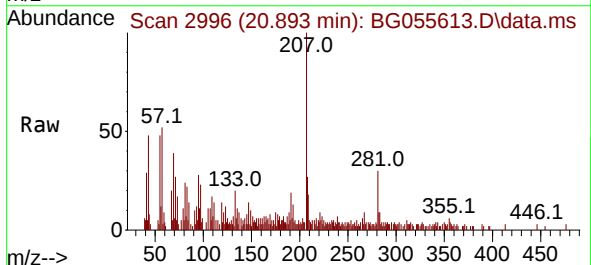
Instrument :
 BNA_G
 ClientSampleId :
 SB-28B

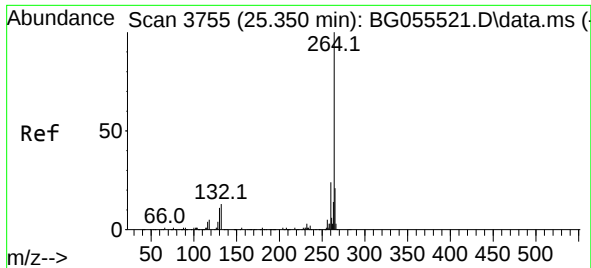
Tgt Ion:244 Resp: 1230942
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.398 ng
 RT: 20.893 min Scan# 2996
 Delta R.T. -0.010 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

Tgt Ion:149 Resp: 285
 Ion Ratio Lower Upper
 149 100
 91 92.1 56.8 85.2#
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.359 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG055613.D
 Acq: 14 Nov 2022 20:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-28B

Tgt Ion:264 Resp: 330645
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.3 17.1 25.7

