

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055603.D
 Acq On : 14 Nov 2022 12:25
 Operator : CG/JU
 Sample : PB148777BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148777BL

Quant Time: Nov 14 15:55:37 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)

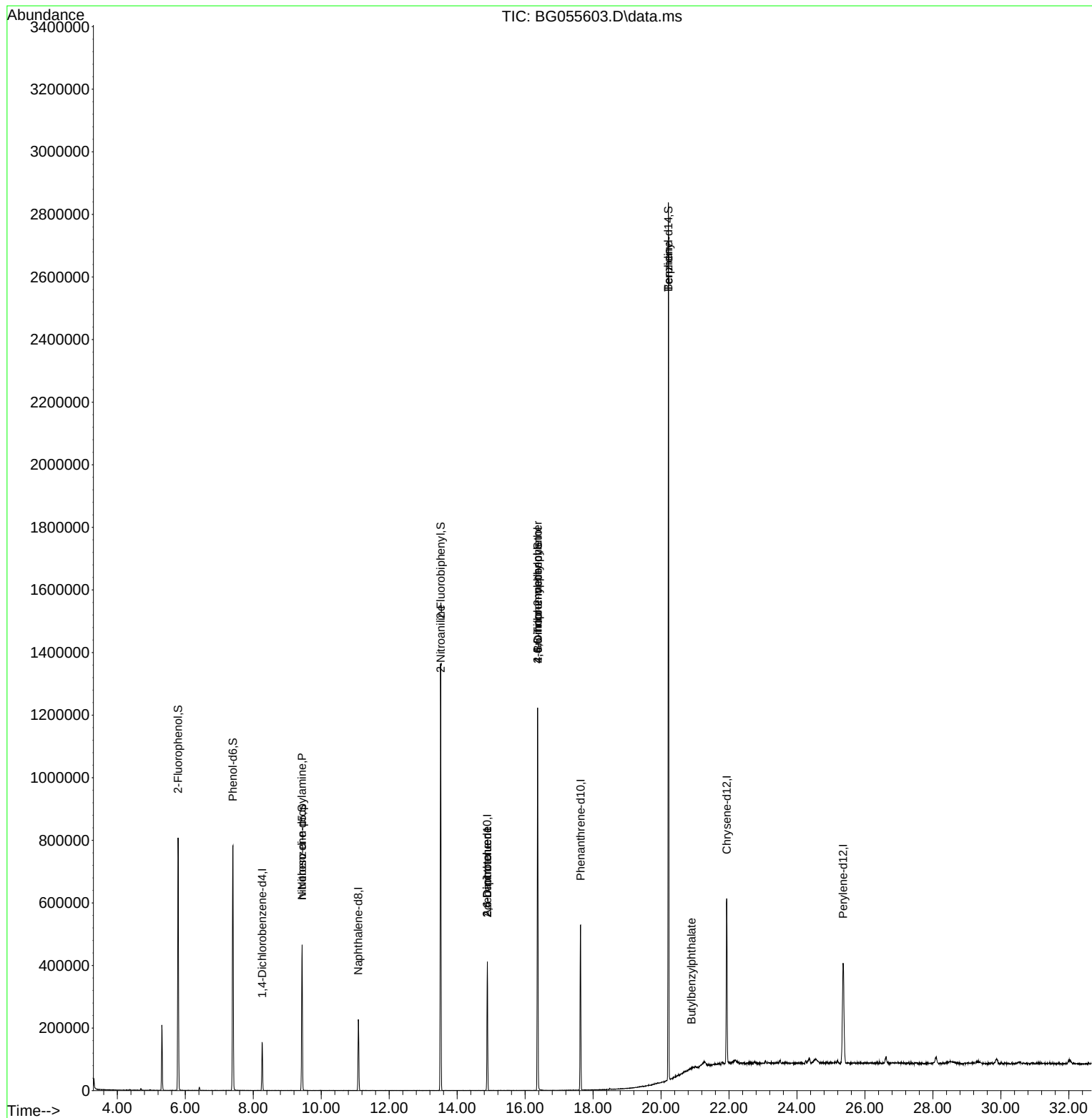
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	43674	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	191182	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	142204	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	363836	20.000	ng	0.00
76) Chrysene-d12	21.934	240	356792	20.000	ng	0.00
86) Perylene-d12	25.359	264	375632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	336081	146.573	ng	0.00
7) Phenol-d6	7.403	99	437772	138.216	ng	0.00
23) Nitrobenzene-d5	9.436	82	265887	94.282	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	245314	176.804	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	701595	74.420	ng	0.00
79) Terphenyl-d14	20.218	244	1381052	77.746	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.436	70	37035	14.149	ng	# 80
48) 2-Nitroaniline	13.520	65	1343	4.385	ng	# 1
51) 2,6-Dinitrotoluene	14.889	165	17800	11.908	ng	# 21
57) 2,4-Dinitrotoluene	14.889	165	17800	10.182	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.369	198	790	2.795	ng	# 1
67) 4-Bromophenyl-phenylether	16.369	248	16220	4.370	ng	# 1
77) Benzidine	20.218	184	22394	2.320	ng	# 90
80) Butylbenzylphthalate	20.899	149	901	3.455	ng	# 70

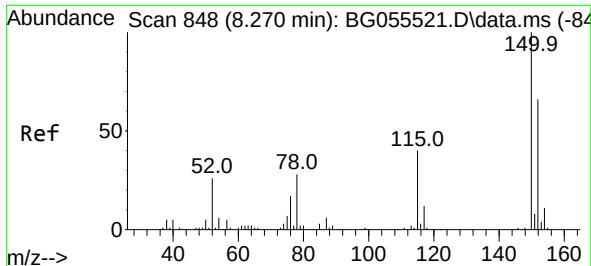
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148777BL

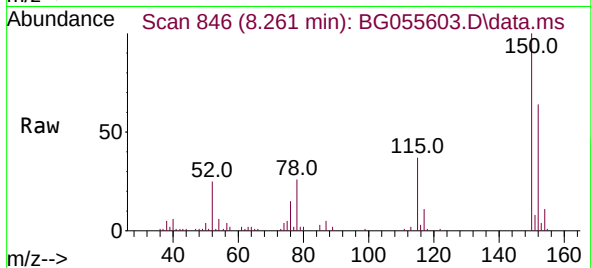
Quant Time: Nov 14 15:55:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



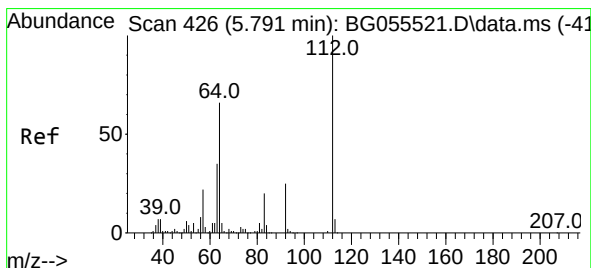
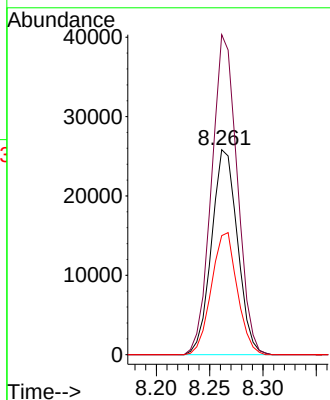
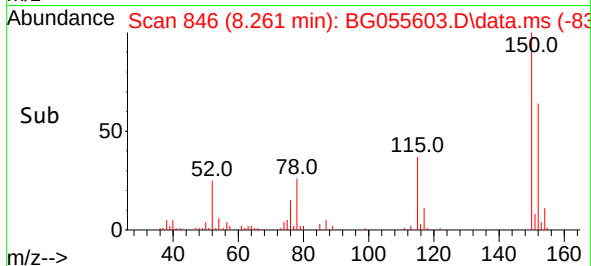


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

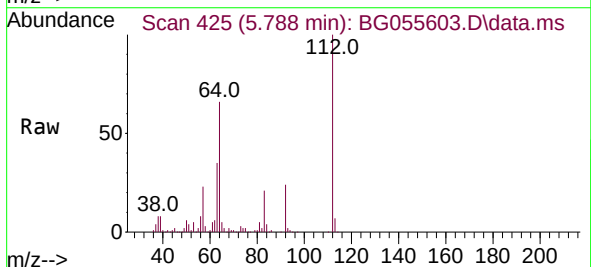
Instrument :
BNA_G
ClientSampleId :
PB148777BL



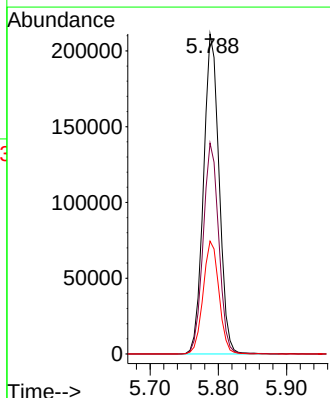
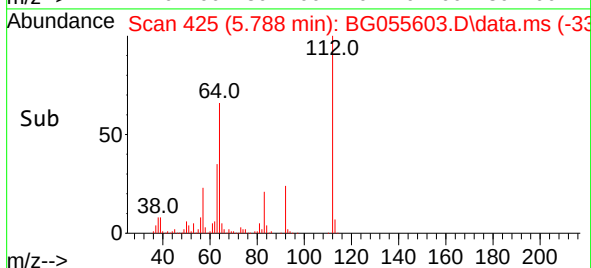
Tgt Ion:152 Resp: 43674
Ion Ratio Lower Upper
152 100
150 156.1 121.0 181.4
115 58.1 47.8 71.8

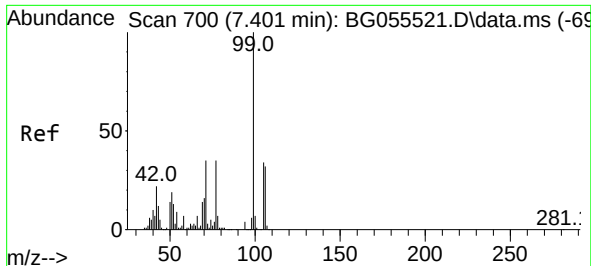


#5
2-Fluorophenol
Concen: 146.573 ng
RT: 5.788 min Scan# 425
Delta R.T. -0.003 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25



Tgt Ion:112 Resp: 336081
Ion Ratio Lower Upper
112 100
64 65.9 52.6 78.8
63 35.3 28.3 42.5

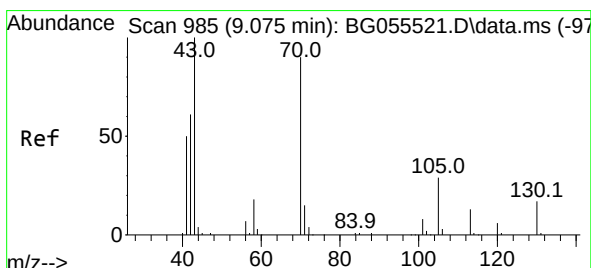
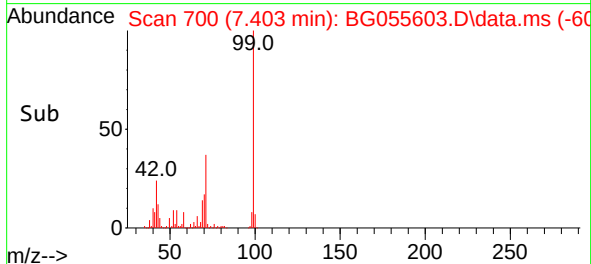
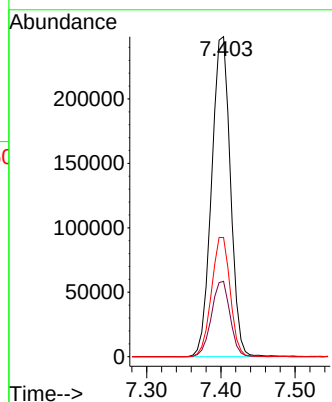
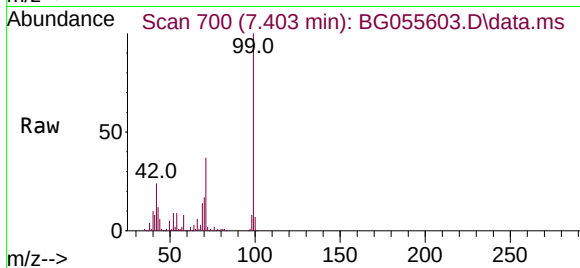




#7
Phenol-d6
Concen: 138.216 ng
RT: 7.403 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

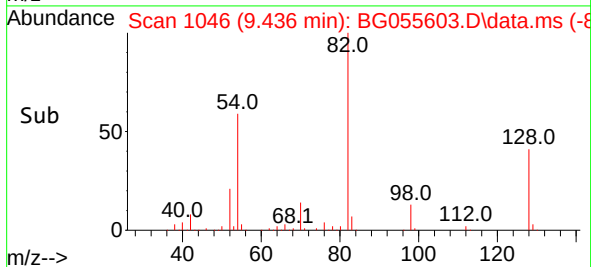
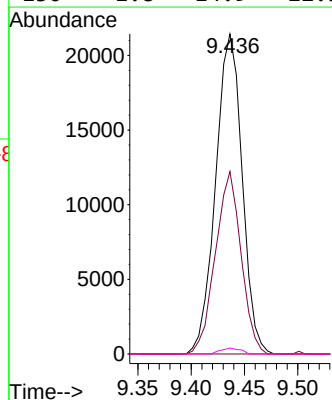
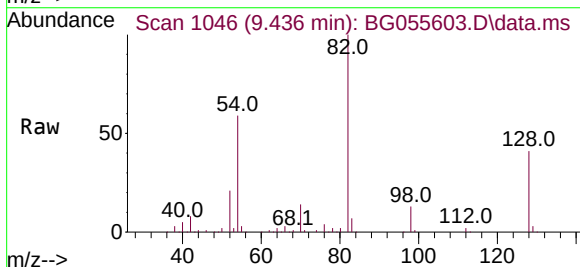
Instrument :
BNA_G
ClientSampleId :
PB148777BL

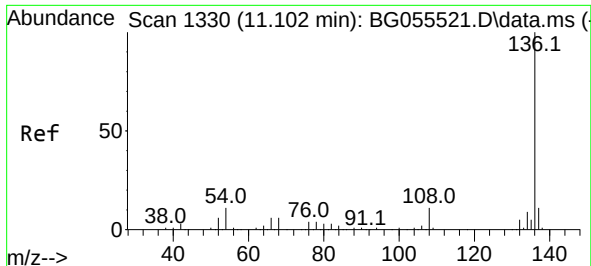
Tgt Ion: 99 Resp: 437772
Ion Ratio Lower Upper
99 100
42 23.5 17.5 26.3
71 37.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.149 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.361 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion: 70 Resp: 37035
Ion Ratio Lower Upper
70 100
42 57.0 54.8 82.2
101 0.0 6.8 10.2#
130 1.8 14.9 22.3#

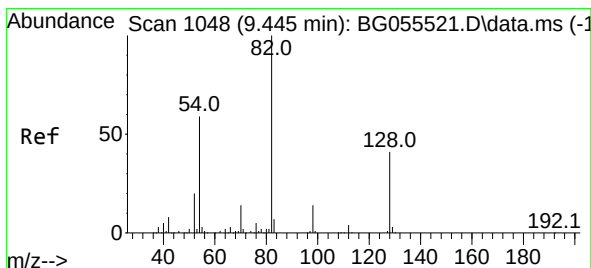
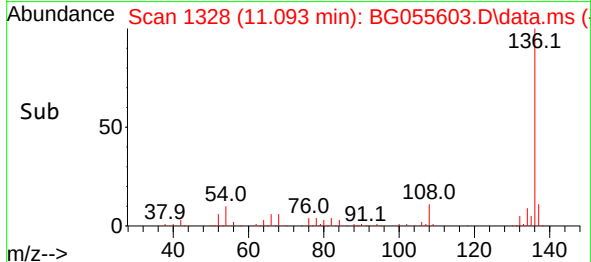
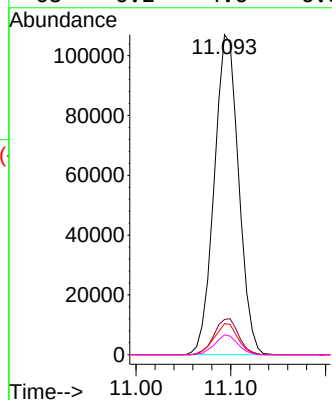
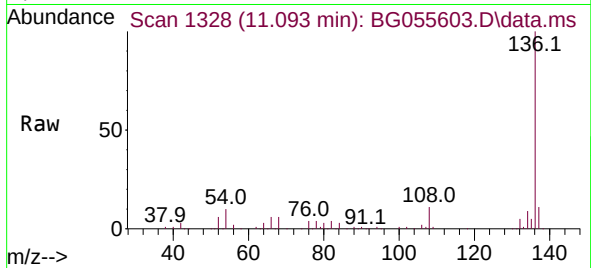




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

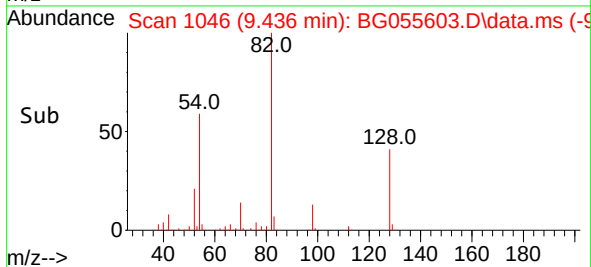
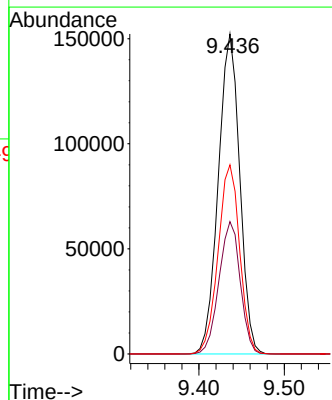
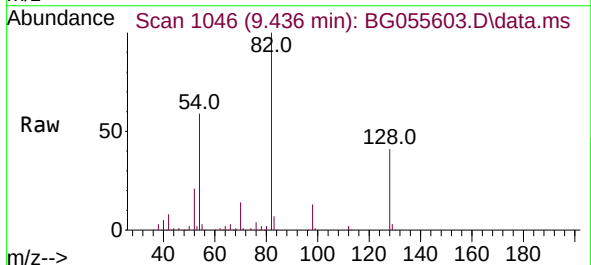
Instrument :
BNA_G
ClientSampleId :
PB148777BL

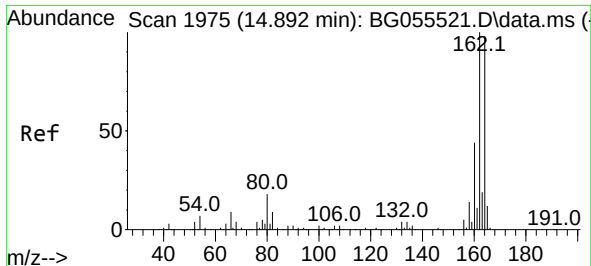
Tgt Ion:	136	Resp:	191182
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	9.7	8.6	12.8
68	6.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 94.282 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion:	82	Resp:	265887
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.6	49.0
54	59.1	47.3	70.9

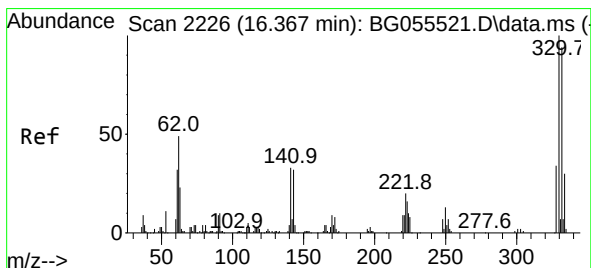
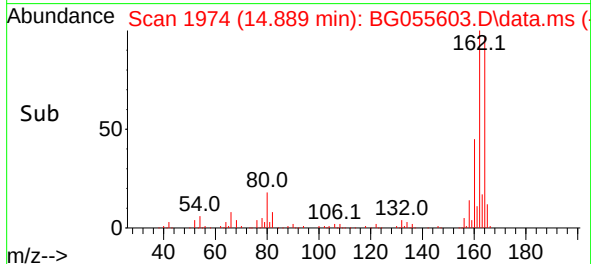
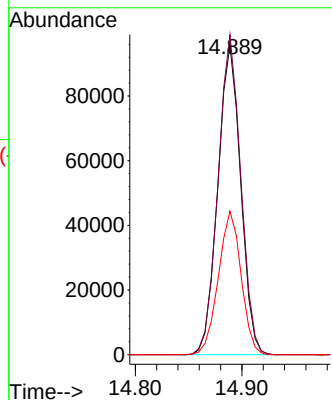
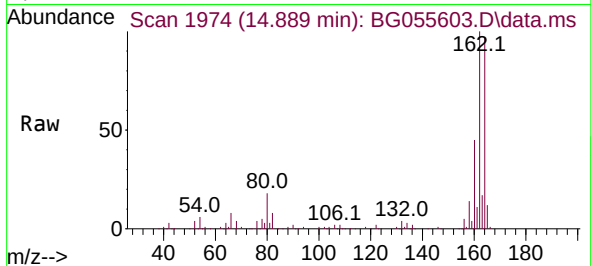




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.889 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

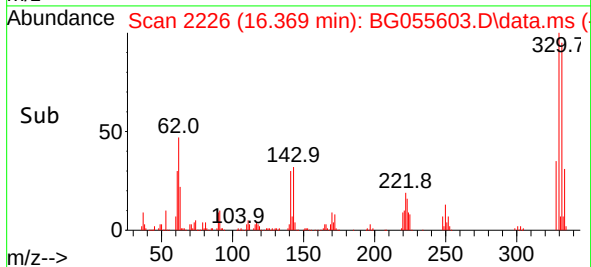
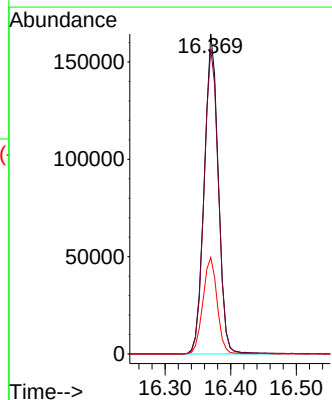
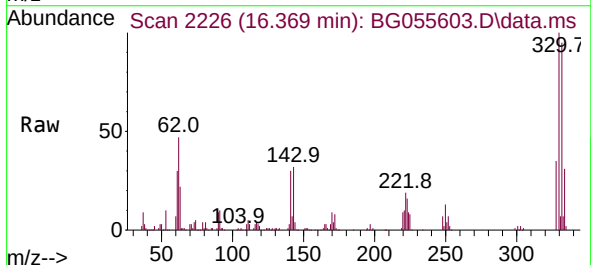
Instrument :
BNA_G
ClientSampleId :
PB148777BL

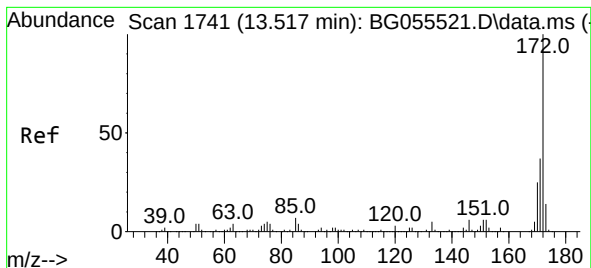
Tgt Ion:164 Resp: 142204
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 176.804 ng
RT: 16.369 min Scan# 2226
Delta R.T. 0.002 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion:330 Resp: 245314
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 30.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 74.420 ng

RT: 13.514 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB148777BL

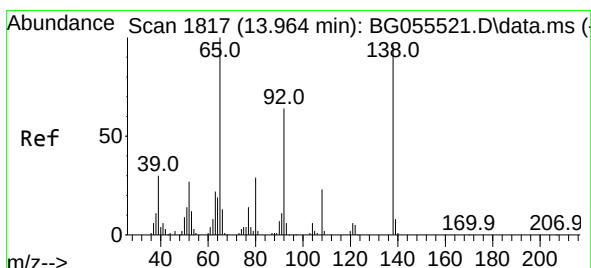
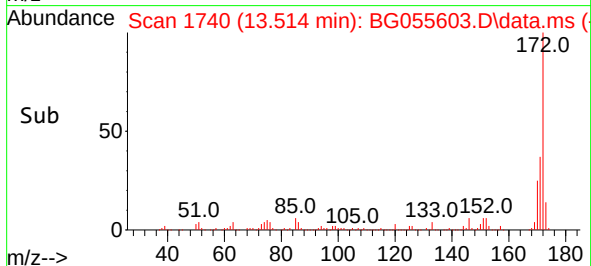
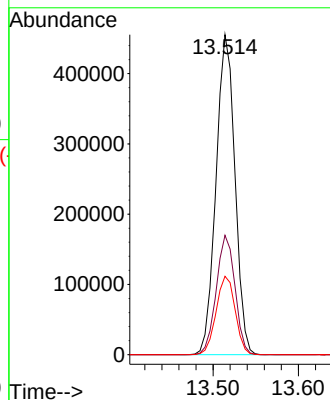
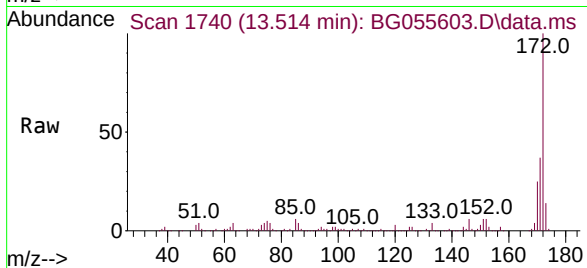
Tgt Ion:172 Resp: 701595

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 24.5 19.8 29.6



#48

2-Nitroaniline

Concen: 4.385 ng

RT: 13.520 min Scan# 1741

Delta R.T. -0.444 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

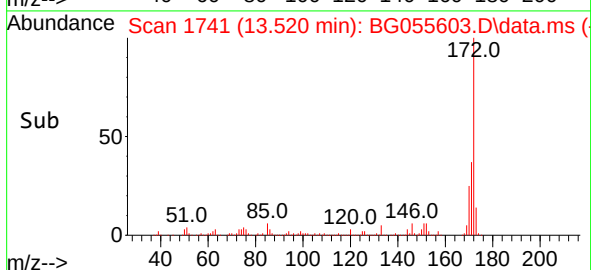
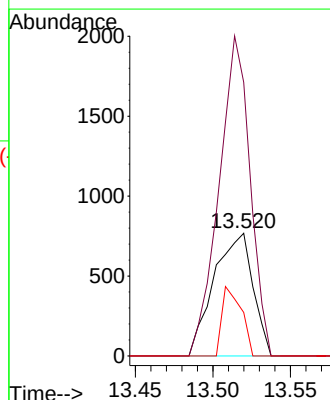
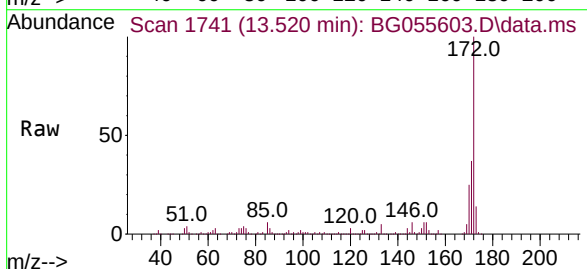
Tgt Ion: 65 Resp: 1343

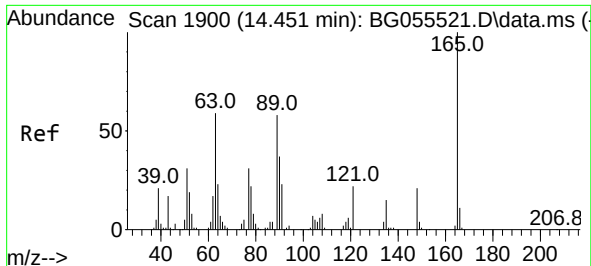
Ion Ratio Lower Upper

65 100

92 222.9 51.6 77.4#

138 35.4 77.0 115.4#

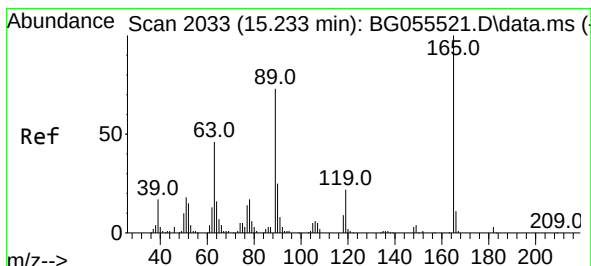
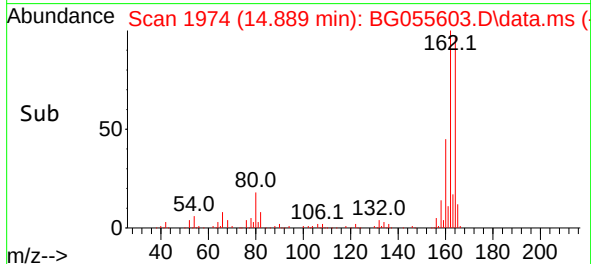
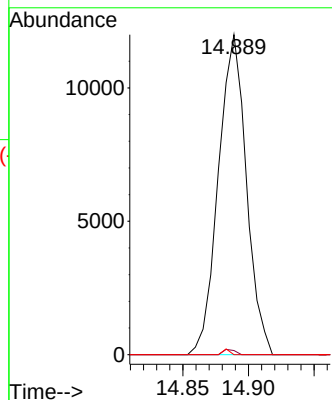
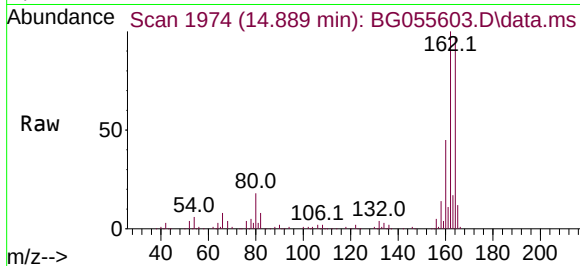




#51
2,6-Dinitrotoluene
Concen: 11.908 ng
RT: 14.889 min Scan# 1900
Delta R.T. 0.438 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

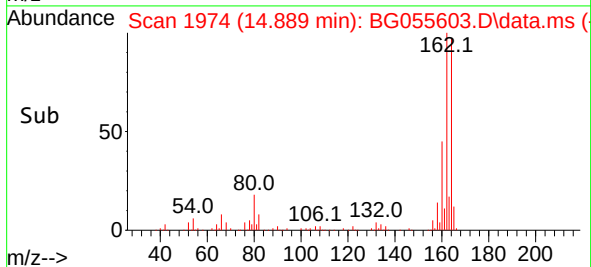
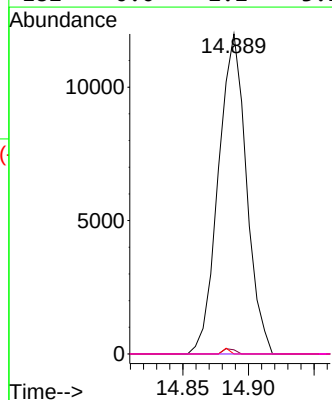
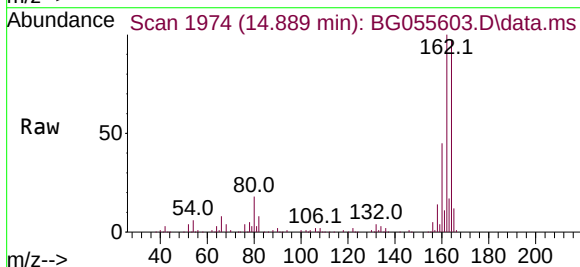
Instrument :
BNA_G
ClientSampleId :
PB148777BL

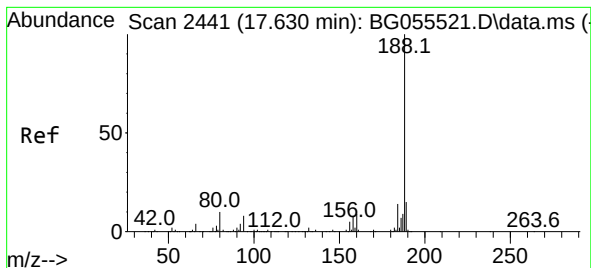
Tgt Ion:165 Resp: 17800
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.182 ng
RT: 14.889 min Scan# 1974
Delta R.T. -0.344 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion:165 Resp: 17800
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.633 min Scan# 2441

Delta R.T. 0.003 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB148777BL

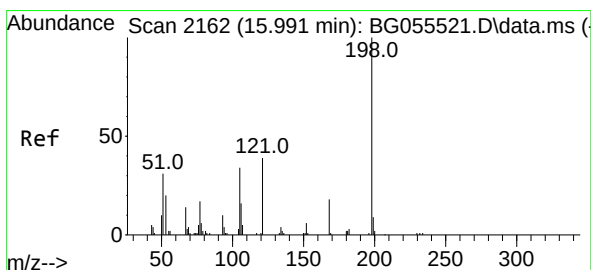
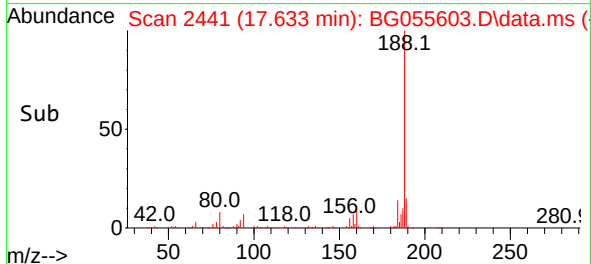
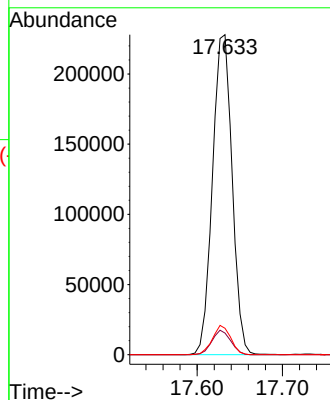
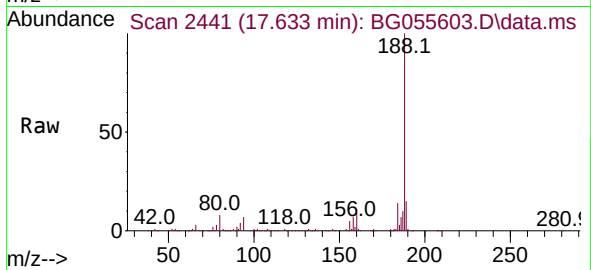
Tgt Ion:188 Resp: 363836

Ion Ratio Lower Upper

188 100

94 6.7 6.4 9.6

80 8.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.795 ng

RT: 16.369 min Scan# 2226

Delta R.T. 0.378 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

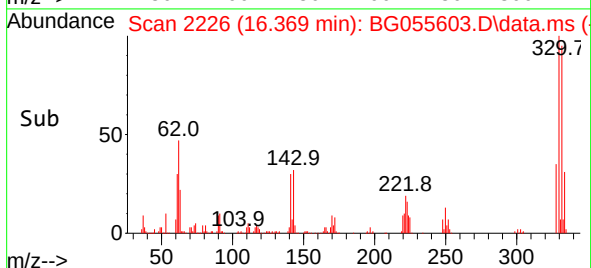
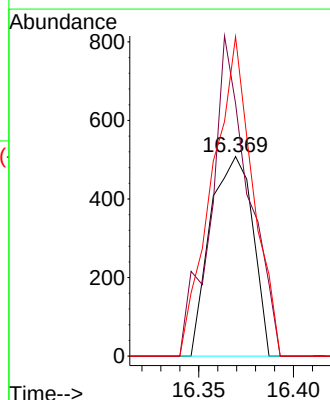
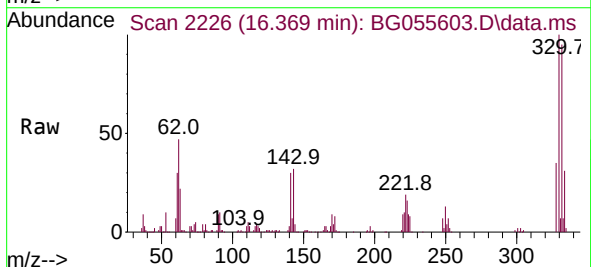
Tgt Ion:198 Resp: 790

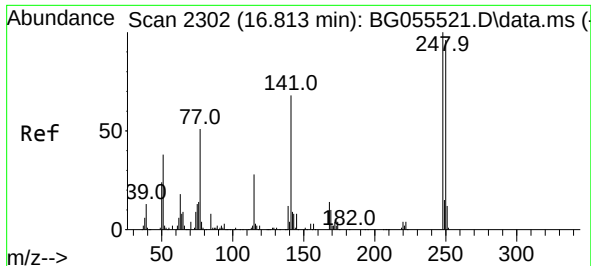
Ion Ratio Lower Upper

198 100

51 126.6 24.7 64.7#

105 160.0 17.6 57.6#

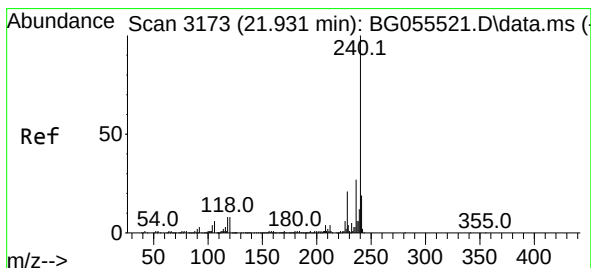
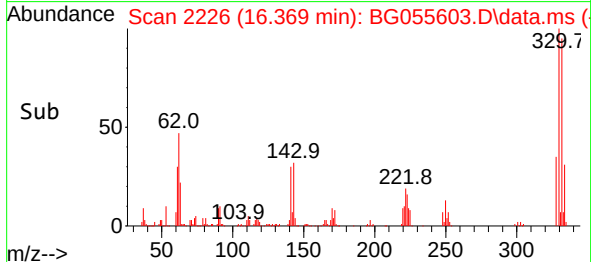
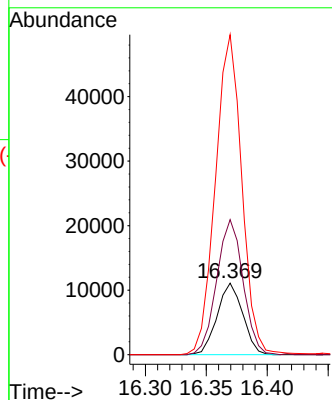
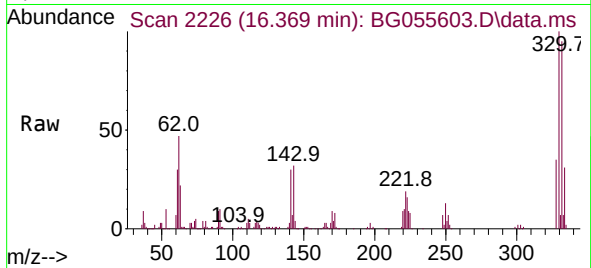




#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 16.369 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

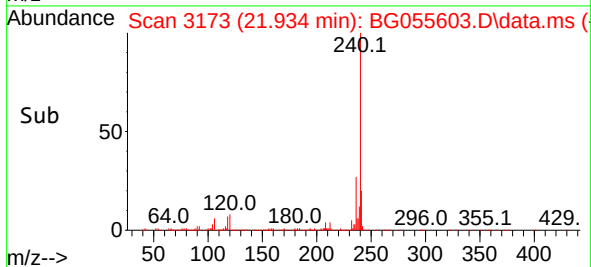
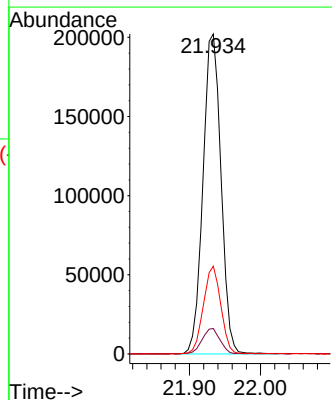
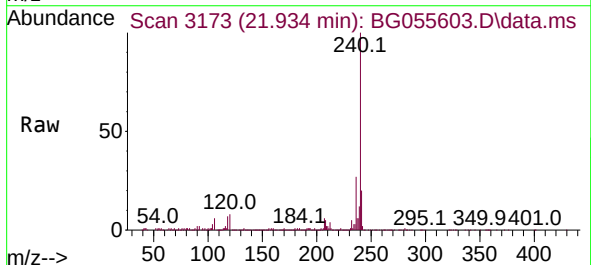
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BNA_G
ClientSampleId :
PB148777BL

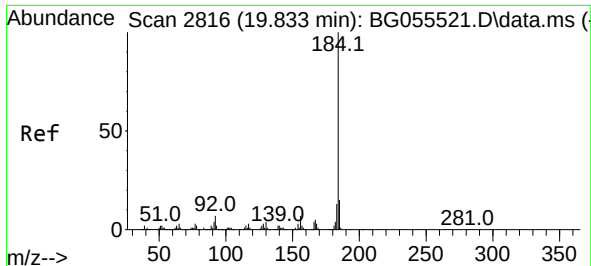
Tgt Ion:248 Resp: 16220
Ion Ratio Lower Upper
248 100
250 188.6 76.9 115.3#
141 447.1 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3173
Delta R.T. 0.003 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion:240 Resp: 356792
Ion Ratio Lower Upper
240 100
120 7.9 6.1 9.1
236 27.5 21.4 32.0

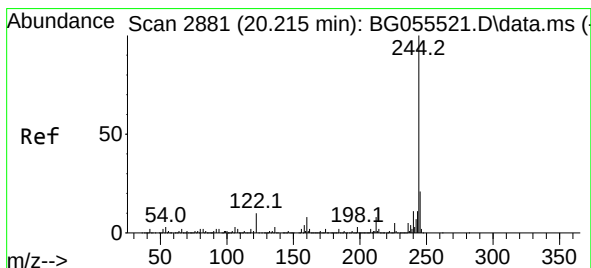
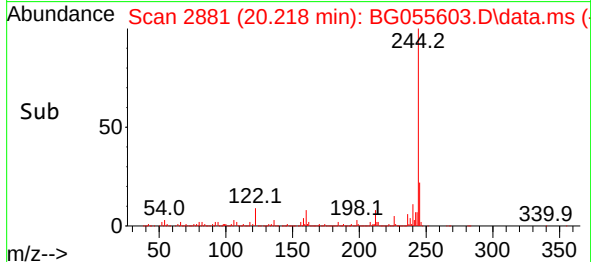
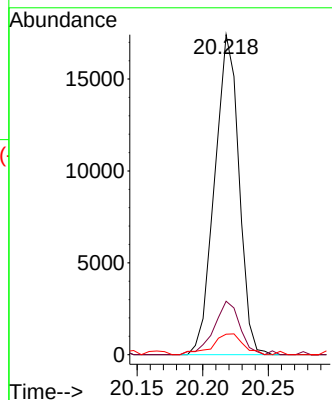
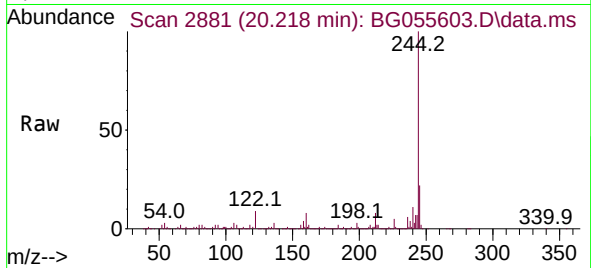




#77
Benzidine
Concen: 2.320 ng
RT: 20.218 min Scan# 2816
Delta R.T. 0.385 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

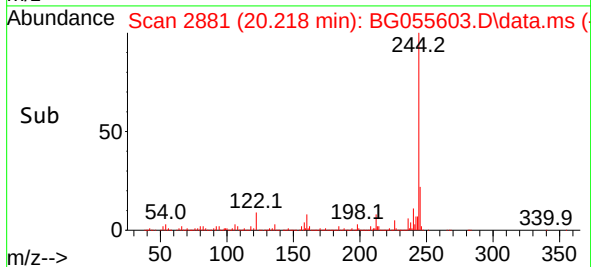
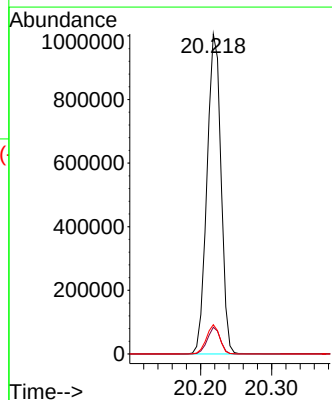
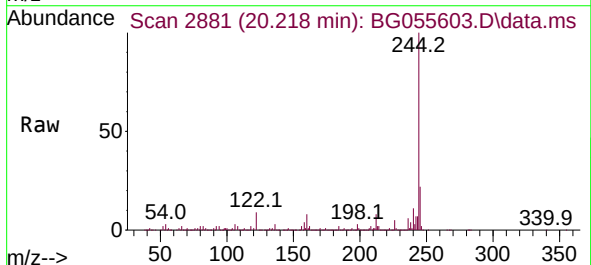
Instrument :
BNA_G
ClientSampleId :
PB148777BL

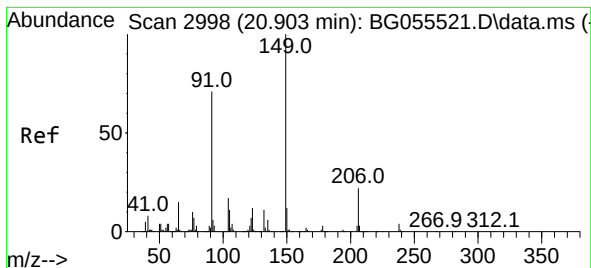
Tgt Ion:184 Resp: 22394
Ion Ratio Lower Upper
184 100
185 16.7 12.0 18.0
183 6.4 10.2 15.2#



#79
Terphenyl-d14
Concen: 77.746 ng
RT: 20.218 min Scan# 2881
Delta R.T. 0.003 min
Lab File: BG055603.D
Acq: 14 Nov 2022 12:25

Tgt Ion:244 Resp: 1381052
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.1 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.455 ng

RT: 20.899 min Scan# 2998

Delta R.T. -0.004 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

Instrument :

BNA_G

ClientSampleId :

PB148777BL

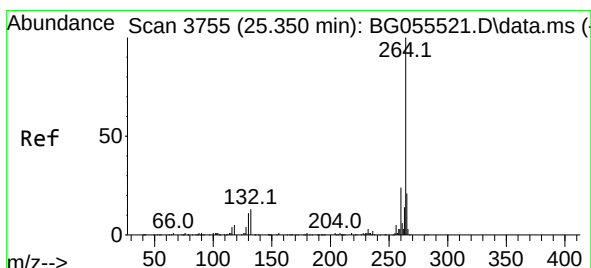
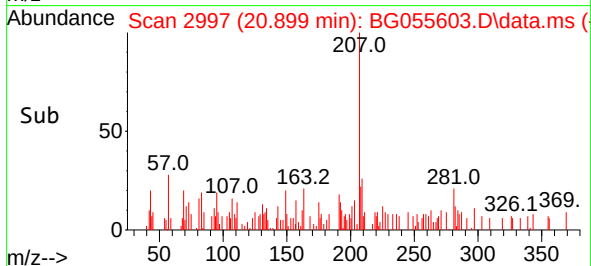
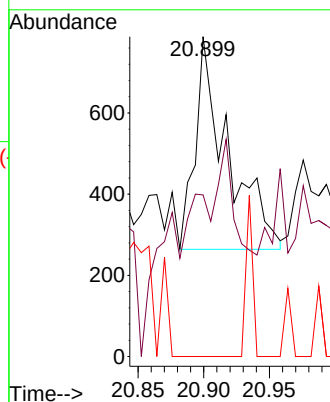
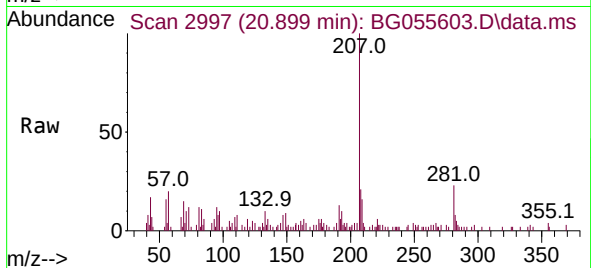
Tgt Ion:149 Resp: 901

Ion Ratio Lower Upper

149 100

91 50.5 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.359 min Scan# 3756

Delta R.T. 0.009 min

Lab File: BG055603.D

Acq: 14 Nov 2022 12:25

Tgt Ion:264 Resp: 375632

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 21.5 17.1 25.7

