

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055073.D
 Acq On : 4 Oct 2022 21:42
 Operator : CG/JU
 Sample : N4936-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 00:34:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

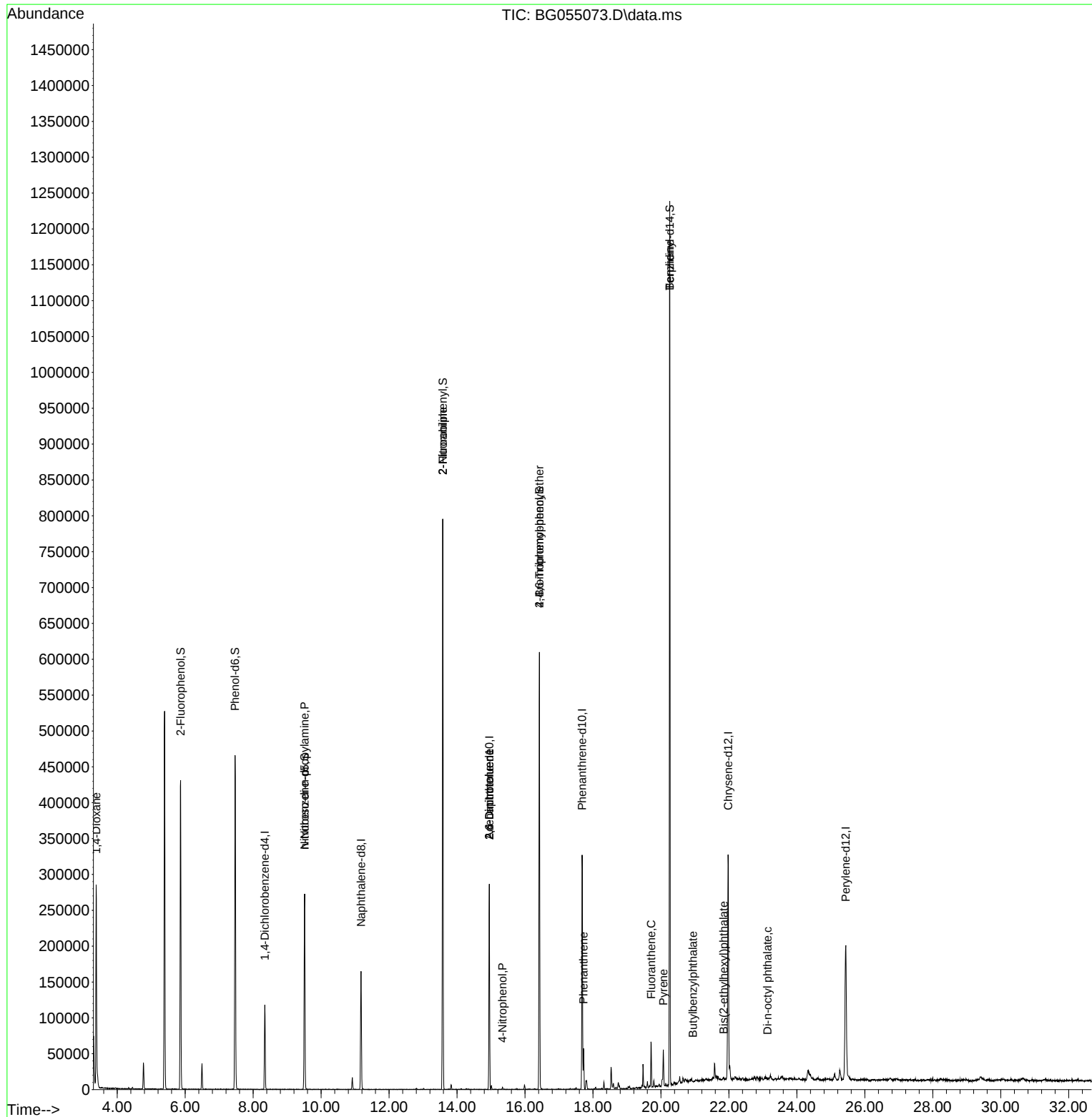
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	32278	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	139566	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	96923	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	212316	20.000	ng	0.00
76) Chrysene-d12	21.975	240	205371	20.000	ng	0.00
86) Perylene-d12	25.436	264	221531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	178989	123.167	ng	0.00
7) Phenol-d6	7.468	99	247013	113.445	ng	0.00
23) Nitrobenzene-d5	9.513	82	155785	66.698	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	120463	120.106	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	391428	63.047	ng	0.00
79) Terphenyl-d14	20.259	244	616674	60.691	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.385	88	2355	2.864	ng	# 1
19) n-Nitroso-di-n-propyla...	9.513	70	21827	10.349	ng	# 80
48) 2-Nitroaniline	13.579	65	763	4.545	ng	# 1
51) 2,6-Dinitrotoluene	14.948	165	12736	12.265	ng	# 14
56) 4-Nitrophenol	15.336	139	873	5.596	ng	# 1
57) 2,4-Dinitrotoluene	14.948	165	12736	10.008	ng	# 16
67) 4-Bromophenyl-phenylether	16.423	248	7310	3.256	ng	# 1
71) Phenanthrene	17.721	178	37109	3.327	ng	97
75) Fluoranthene	19.713	202	38886	2.795	ng	99
77) Benzidine	20.259	184	9914	2.802	ng	# 91
78) Pyrene	20.071	202	34231	2.507	ng	98
80) Butylbenzylphthalate	20.941	149	70	4.853	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.846	149	1371	4.297	ng	# 75
85) Di-n-octyl phthalate	23.138	149	244	4.362	ng	# 1

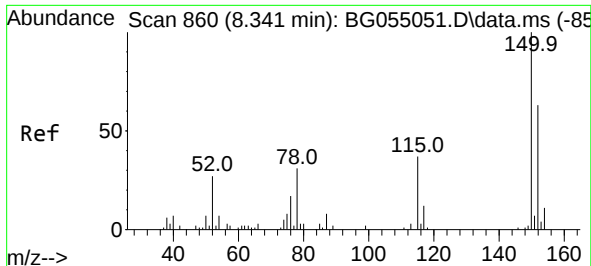
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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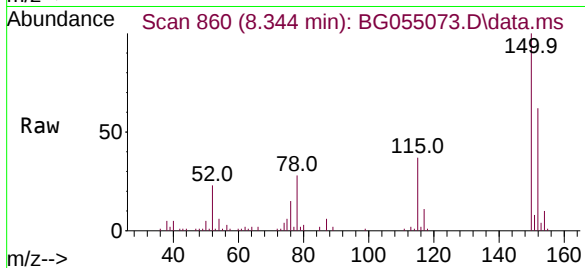
Quant Time: Oct 05 00:34:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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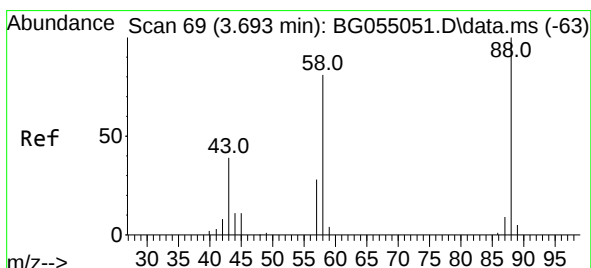
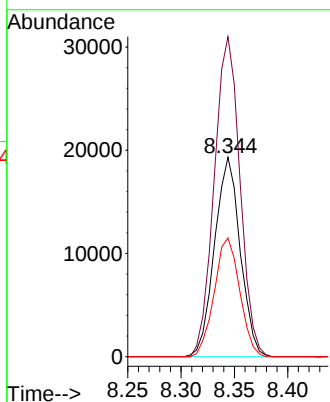
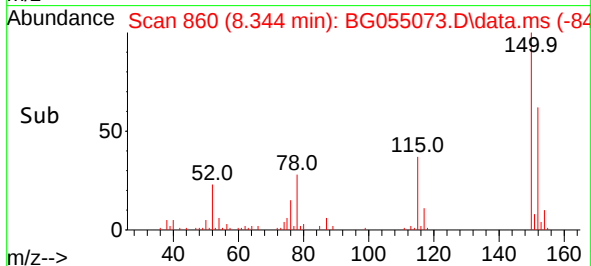


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.344 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :

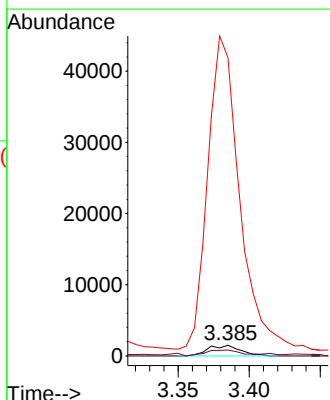
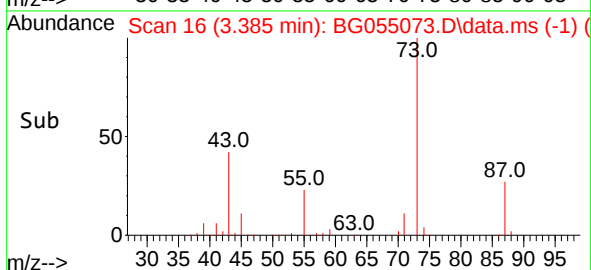
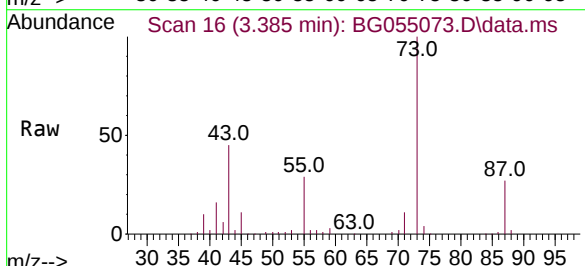


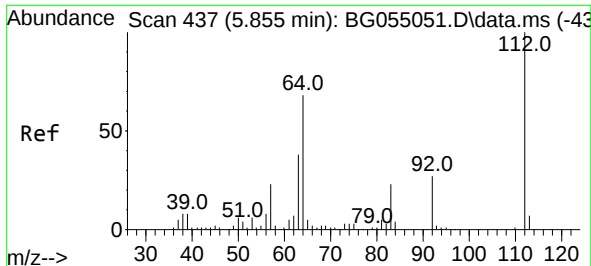
Tgt Ion:152 Resp: 32278
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.0 192.0
 115 59.5 47.7 71.5



#2
 1,4-Dioxane
 Concen: 2.864 ng
 RT: 3.385 min Scan# 16
 Delta R.T. -0.308 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Tgt Ion: 88 Resp: 2355
 Ion Ratio Lower Upper
 88 100
 58 70.4 62.6 94.0
 43 3014.5 29.0 43.6#

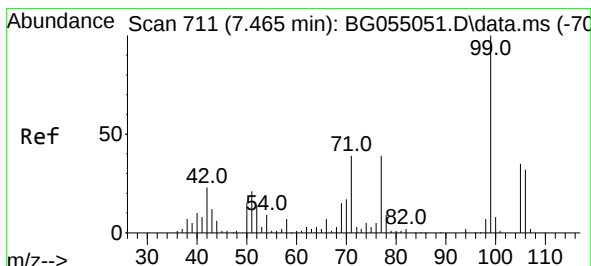
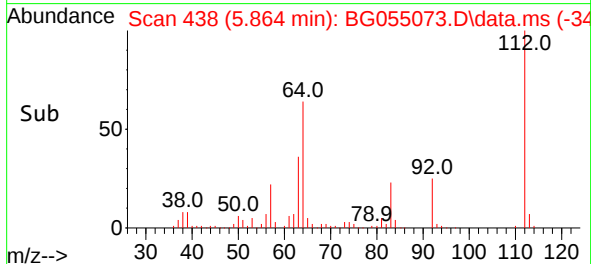
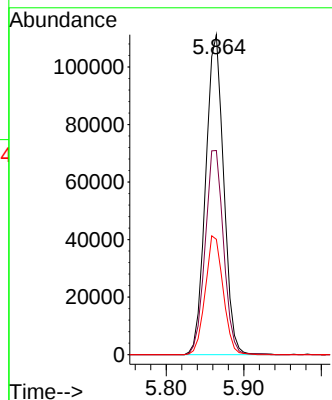
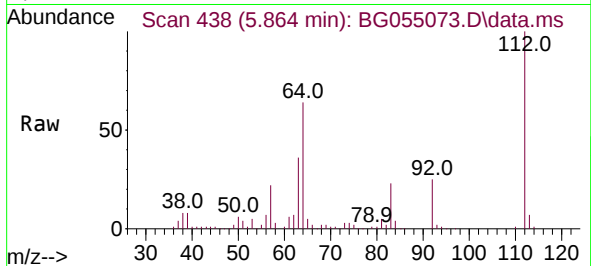




#5
2-Fluorophenol
Concen: 123.167 ng
RT: 5.864 min Scan# 437
Delta R.T. 0.009 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

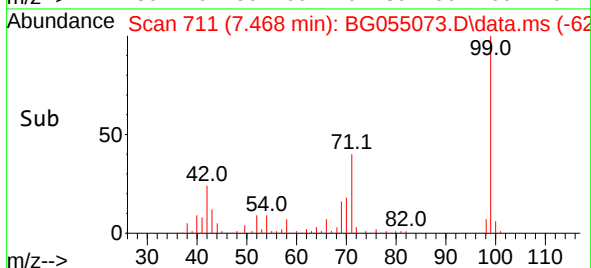
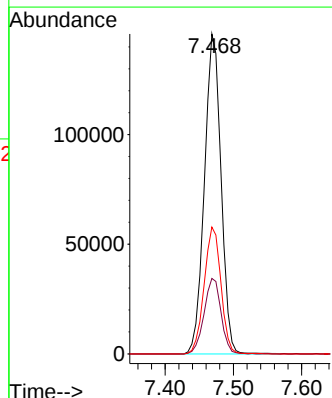
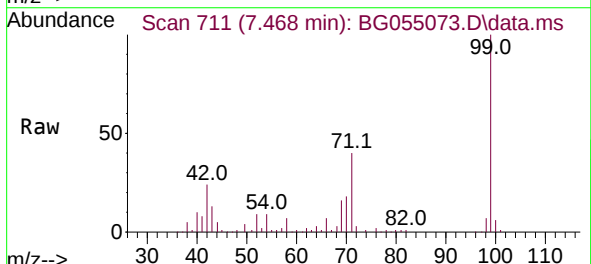
Instrument :
BNA_G
ClientSampleId :

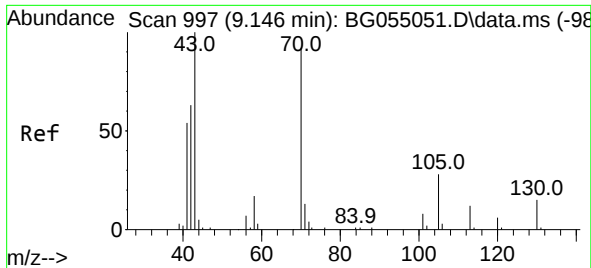
Tgt Ion:112 Resp: 178989
Ion Ratio Lower Upper
112 100
64 63.8 54.5 81.7
63 36.0 30.5 45.7



#7
Phenol-d6
Concen: 113.445 ng
RT: 7.468 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

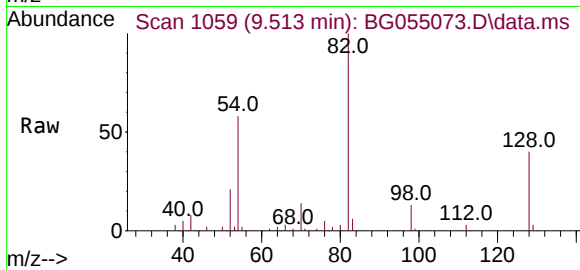
Tgt Ion: 99 Resp: 247013
Ion Ratio Lower Upper
99 100
42 23.6 18.6 28.0
71 39.6 31.2 46.8



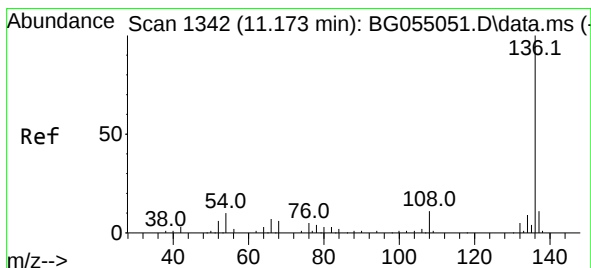
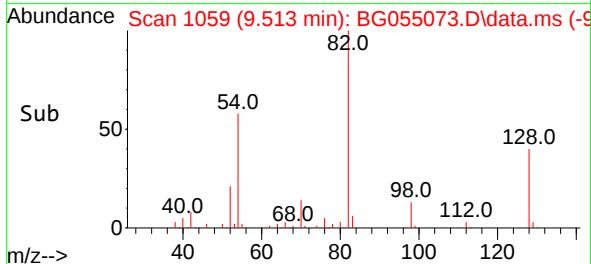
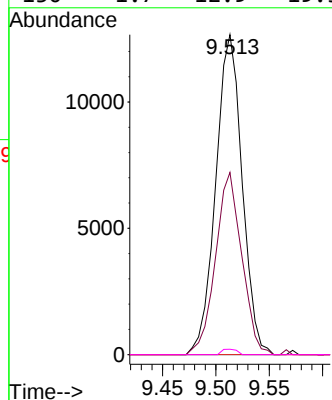


#19
n-Nitroso-di-n-propylamine
Concen: 10.349 ng
RT: 9.513 min Scan# 1059
Delta R.T. 0.368 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Instrument :
BNA_G
ClientSampleId :

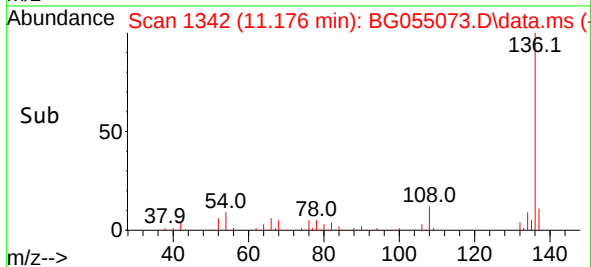
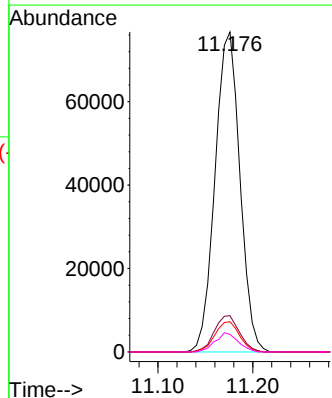
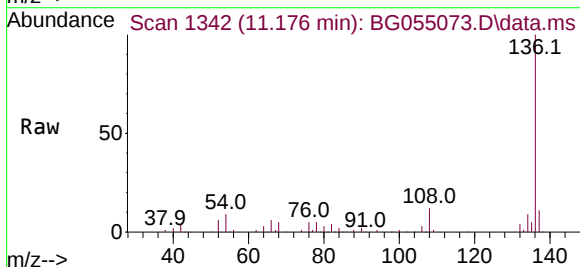


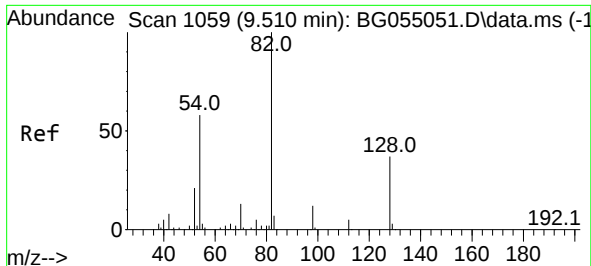
Tgt Ion: 70 Resp: 21827
Ion Ratio Lower Upper
70 100
42 56.9 55.8 83.6
101 0.0 7.1 10.7#
130 1.7 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.176 min Scan# 1342
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Tgt Ion: 136 Resp: 139566
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.4 8.2 12.4
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.698 ng

RT: 9.513 min Scan# 1059

Delta R.T. 0.003 min

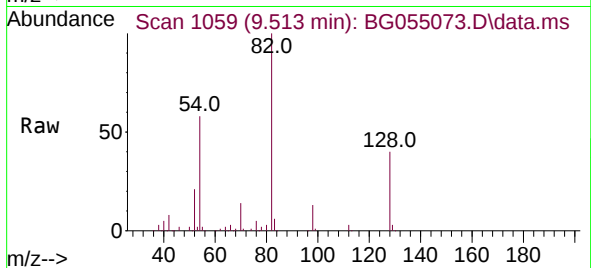
Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

Instrument :

BNA_G

ClientSampleId :



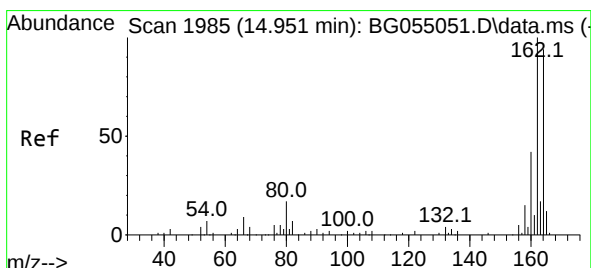
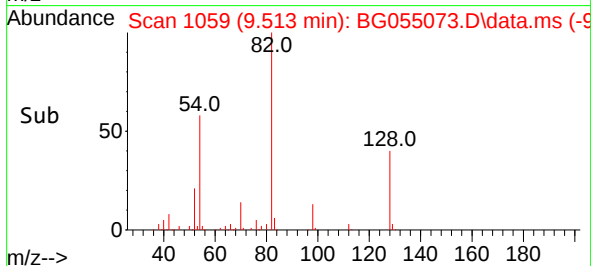
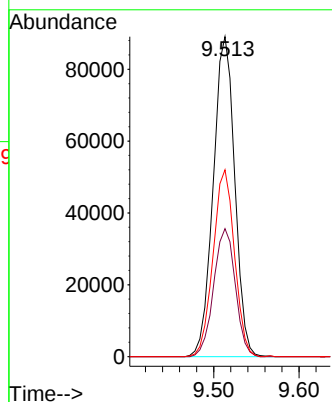
Tgt Ion: 82 Resp: 155785

Ion Ratio Lower Upper

82 100

128 40.0 29.5 44.3

54 58.4 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

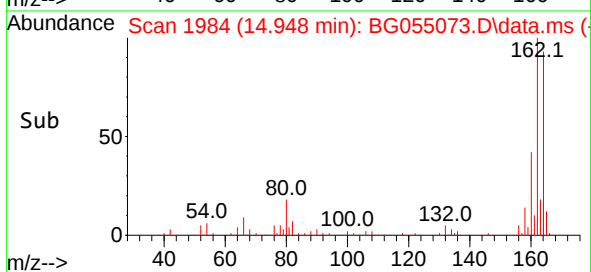
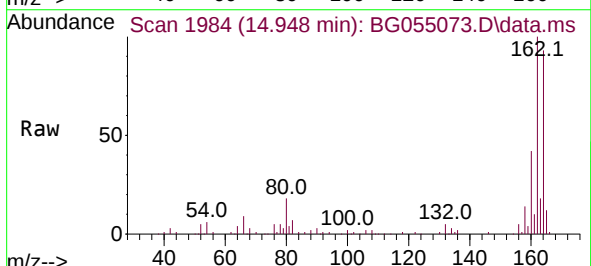
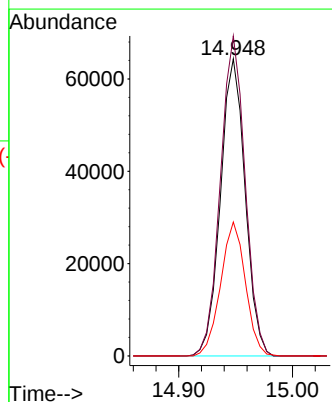
Tgt Ion:164 Resp: 96923

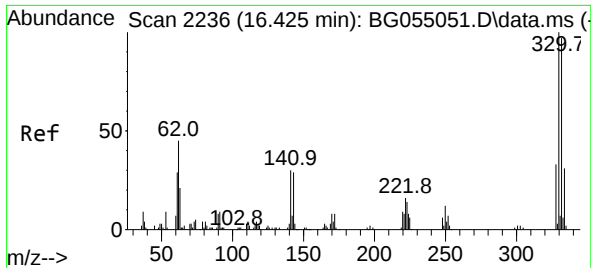
Ion Ratio Lower Upper

164 100

162 107.7 85.5 128.3

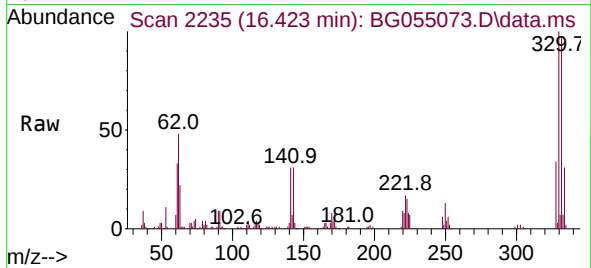
160 45.1 35.5 53.3



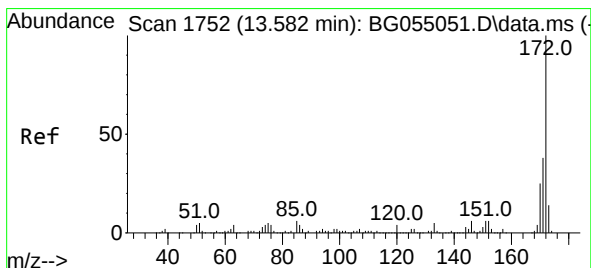
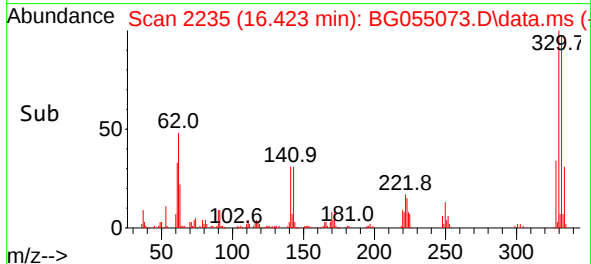
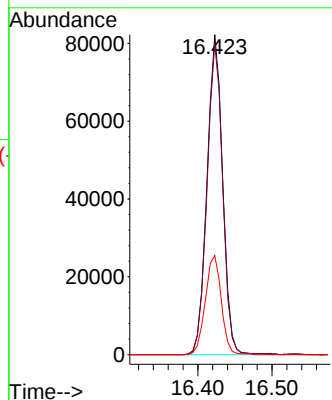


#42
 2,4,6-Tribromophenol
 Concen: 120.106 ng
 RT: 16.423 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :

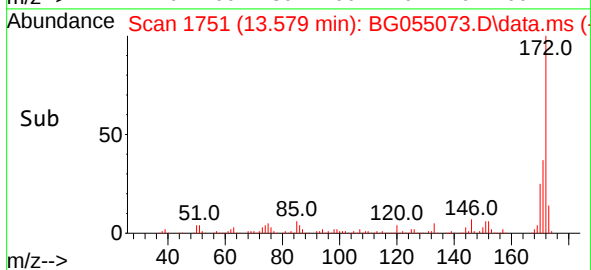
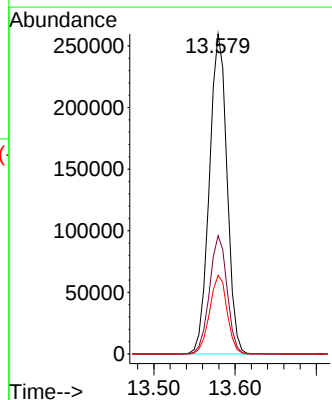
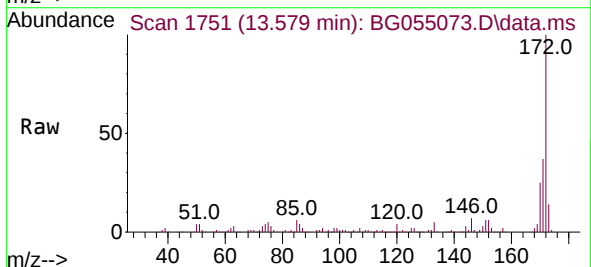


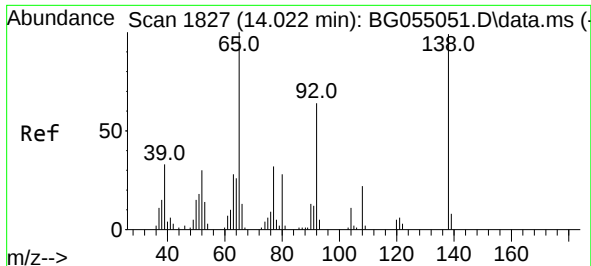
Tgt Ion:330 Resp: 120463
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 31.5 25.0 37.4



#45
 2-Fluorobiphenyl
 Concen: 63.047 ng
 RT: 13.579 min Scan# 1751
 Delta R.T. -0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

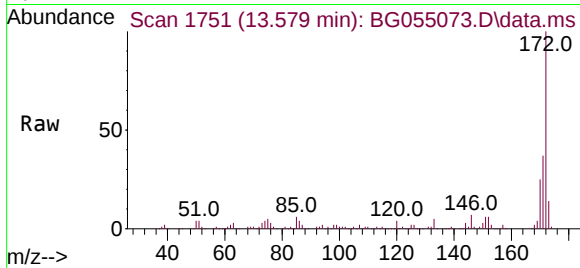
Tgt Ion:172 Resp: 391428
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 24.6 20.0 30.0



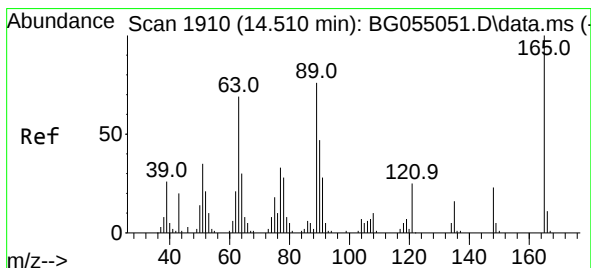
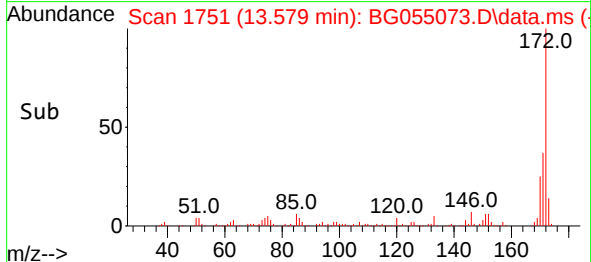
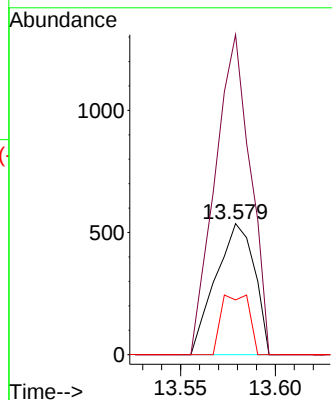


#48
2-Nitroaniline
Concen: 4.545 ng
RT: 13.579 min Scan# 11
Delta R.T. -0.443 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Instrument :
BNA_G
ClientSampleId :

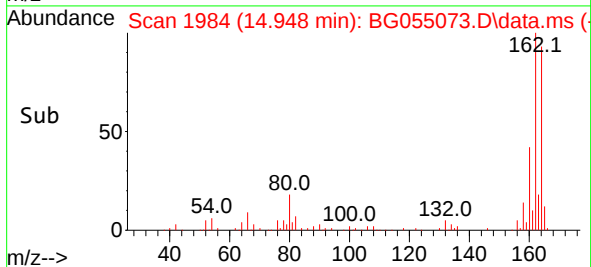
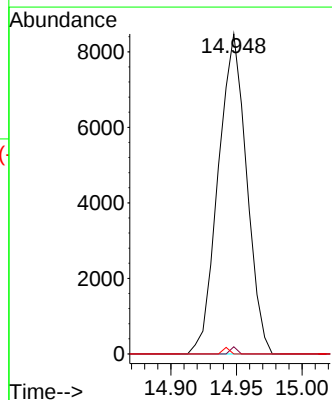
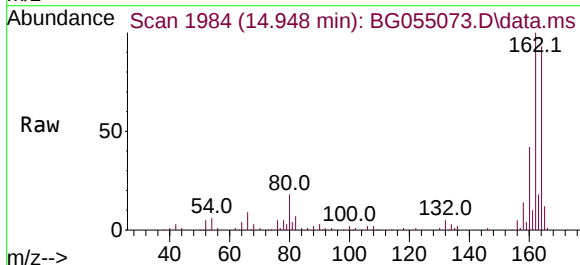


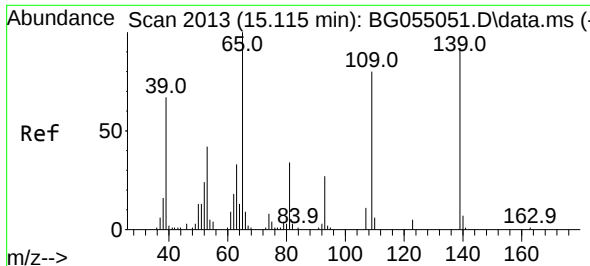
Tgt Ion: 65 Resp: 763
Ion Ratio Lower Upper
65 100
92 244.4 50.9 76.3#
138 41.8 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 12.265 ng
RT: 14.948 min Scan# 1984
Delta R.T. 0.438 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

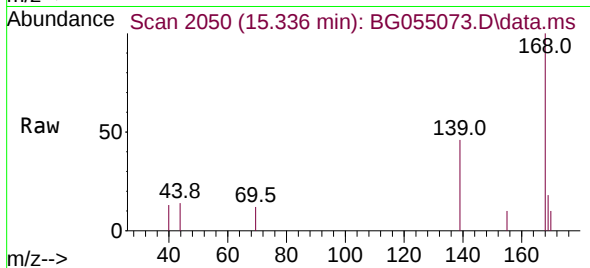
Tgt Ion:165 Resp: 12736
Ion Ratio Lower Upper
165 100
63 2.2 56.2 84.4#
89 0.0 60.4 90.6#



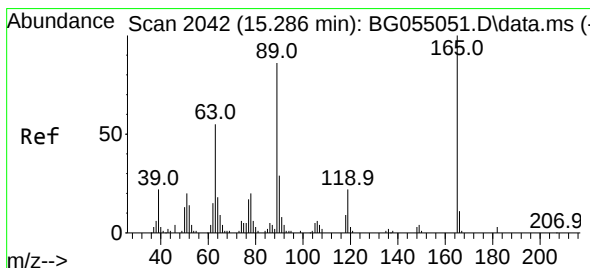
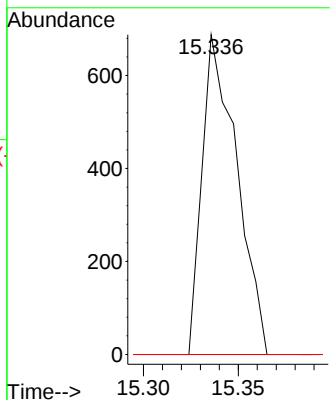
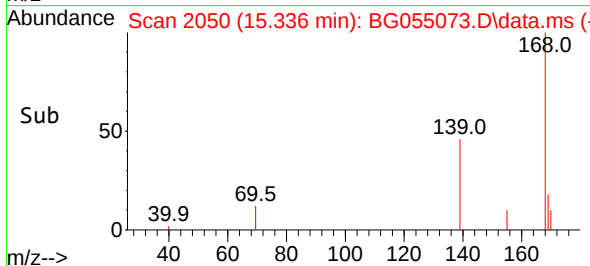


#56
4-Nitrophenol
Concen: 5.596 ng
RT: 15.336 min Scan# 2013
Delta R.T. 0.221 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

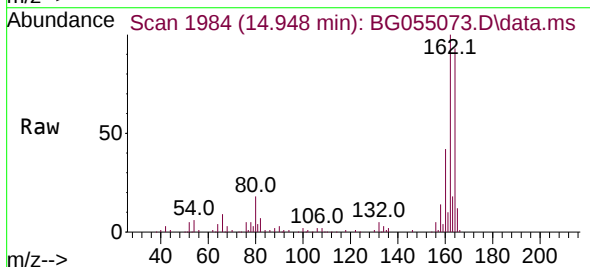
Instrument :
BNA_G
ClientSampleId :



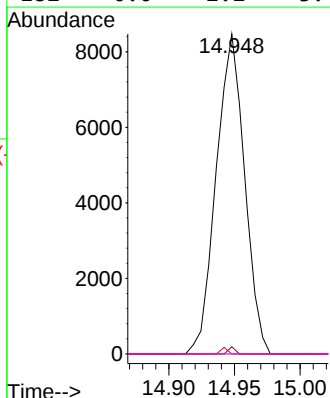
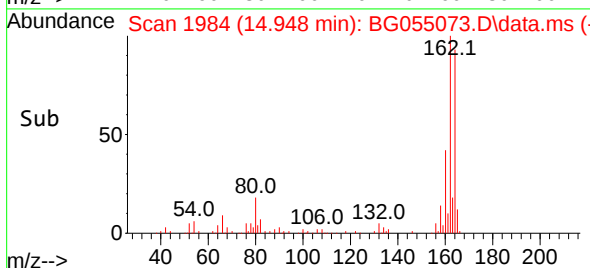
Tgt Ion:139 Resp: 873
Ion Ratio Lower Upper
139 100
109 0.0 66.6 106.6#
65 0.0 88.5 128.5#

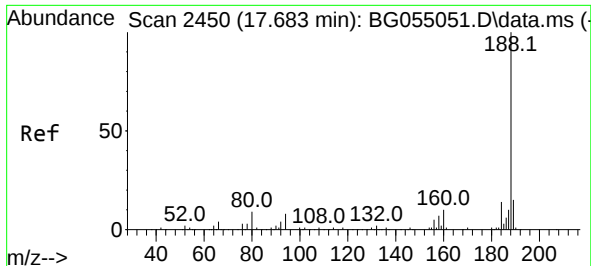


#57
2,4-Dinitrotoluene
Concen: 10.008 ng
RT: 14.948 min Scan# 1984
Delta R.T. -0.338 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42



Tgt Ion:165 Resp: 12736
Ion Ratio Lower Upper
165 100
63 2.2 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#

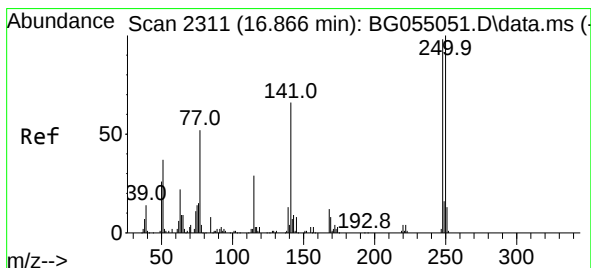
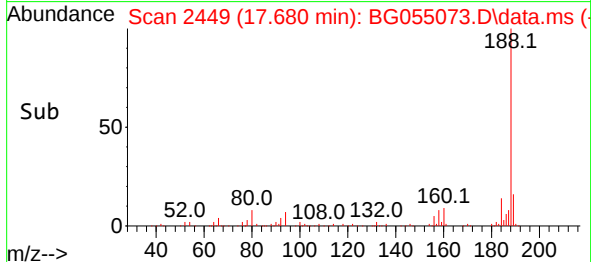
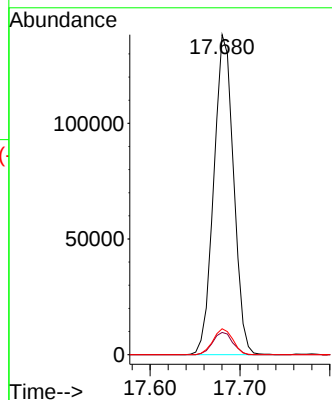
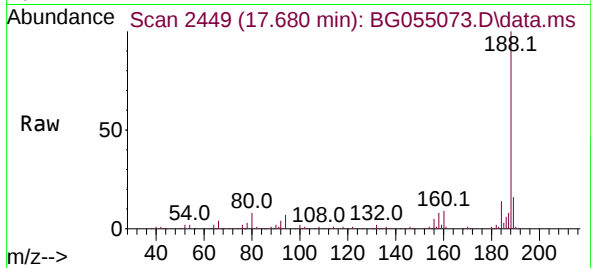




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

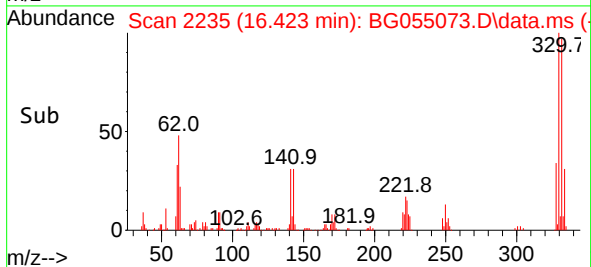
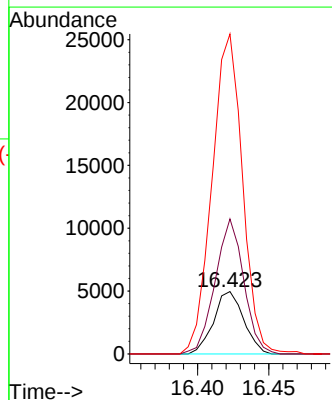
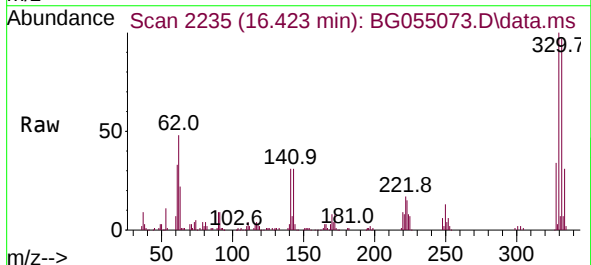
Instrument :
BNA_G
ClientSampleId :

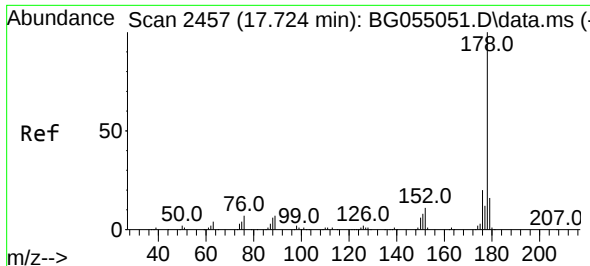
Tgt Ion:188 Resp: 212316
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.2
80 8.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 16.423 min Scan# 2235
Delta R.T. -0.443 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

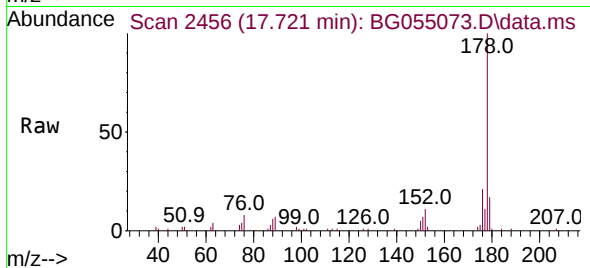
Tgt Ion:248 Resp: 7310
Ion Ratio Lower Upper
248 100
250 216.8 81.7 122.5#
141 513.9 53.7 80.5#



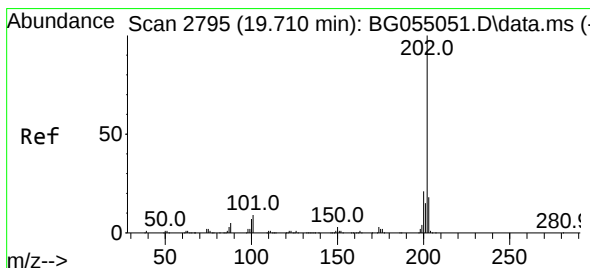
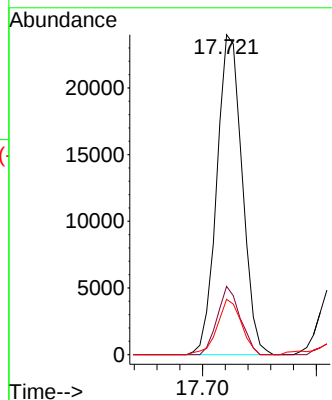
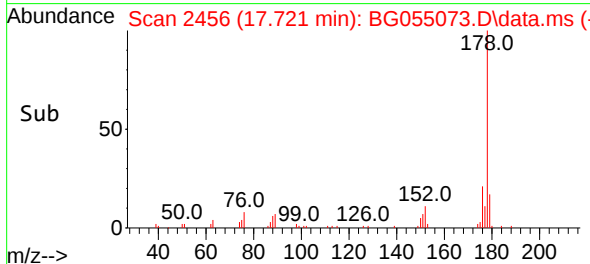


#71
Phenanthrene
Concen: 3.327 ng
RT: 17.721 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

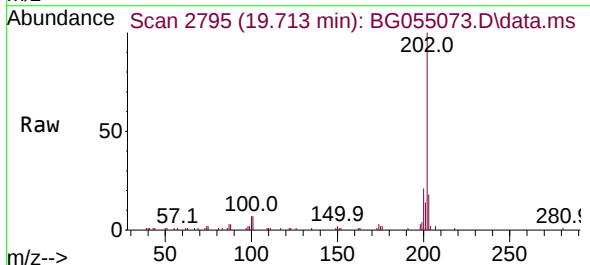
Instrument :
BNA_G
ClientSampleId :



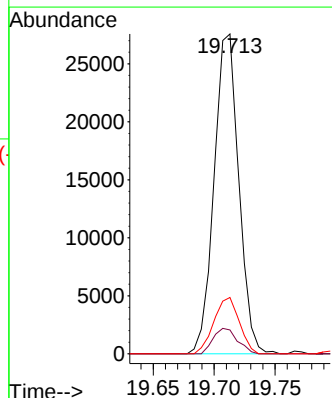
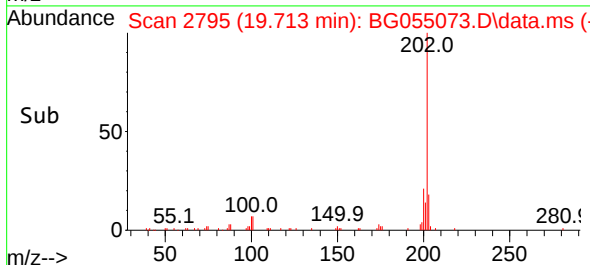
Tgt Ion:178 Resp: 37109
Ion Ratio Lower Upper
178 100
176 21.3 15.8 23.6
179 17.3 13.2 19.8

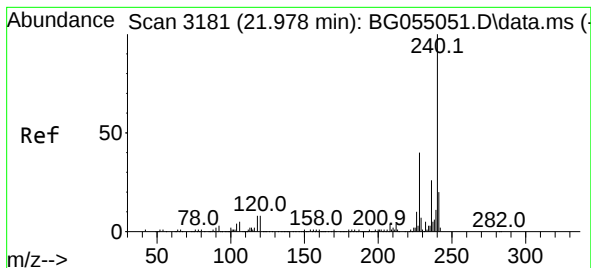


#75
Fluoranthene
Concen: 2.795 ng
RT: 19.713 min Scan# 2795
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42



Tgt Ion:202 Resp: 38886
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.9
203 17.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.975 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

Instrument :

BNA_G

ClientSampleId :

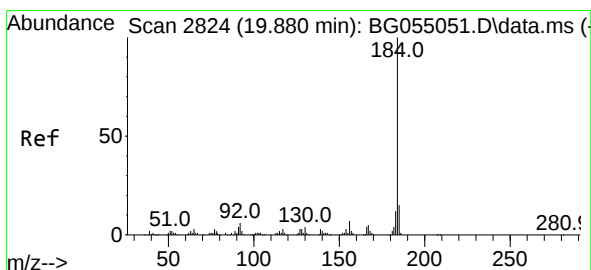
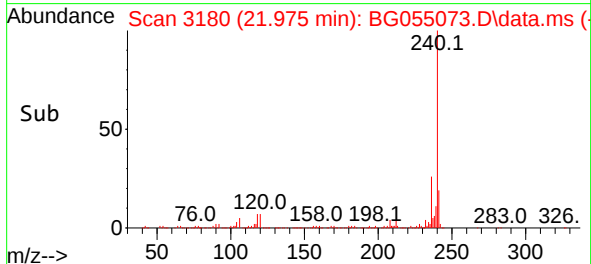
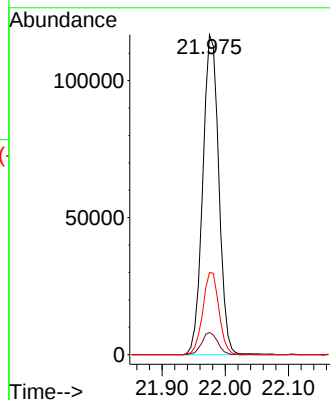
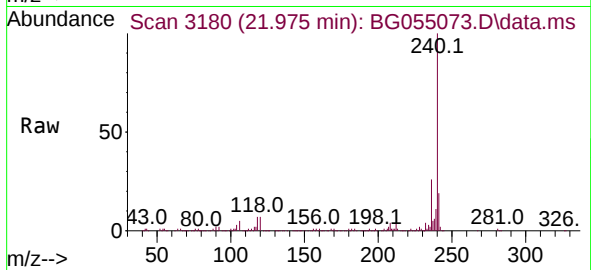
Tgt Ion:240 Resp: 205371

Ion Ratio Lower Upper

240 100

120 6.9 6.2 9.4

236 25.6 20.6 30.8



#77

Benzidine

Concen: 2.802 ng

RT: 20.259 min Scan# 2888

Delta R.T. 0.379 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

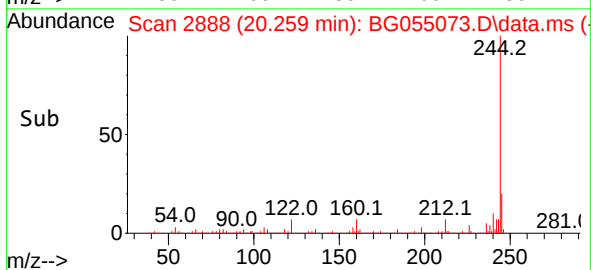
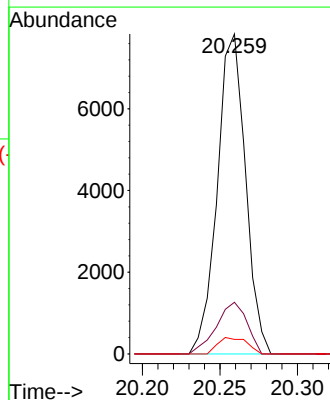
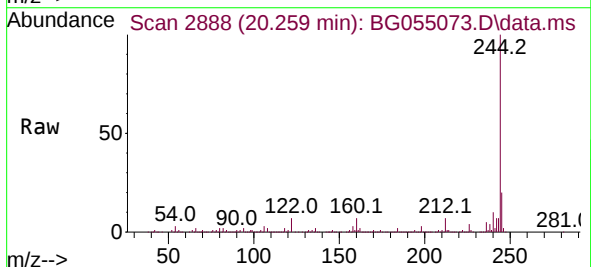
Tgt Ion:184 Resp: 9914

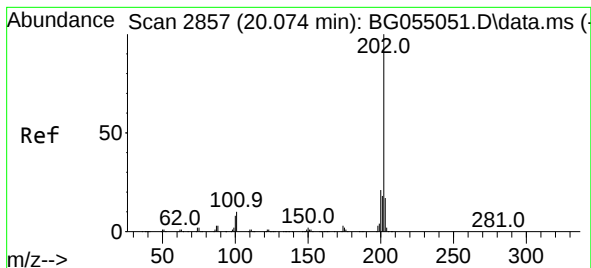
Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

183 4.5 9.4 14.0#





#78

Pyrene

Concen: 2.507 ng

RT: 20.071 min Scan# 2857

Delta R.T. -0.003 min

Lab File: BG055073.D

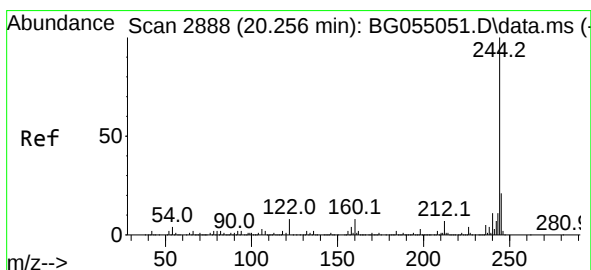
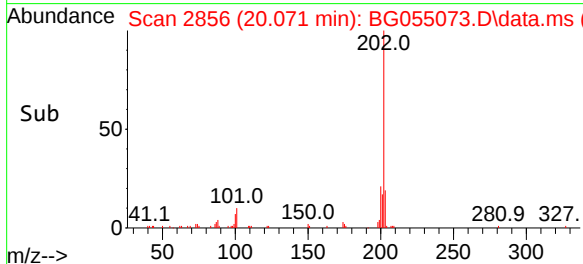
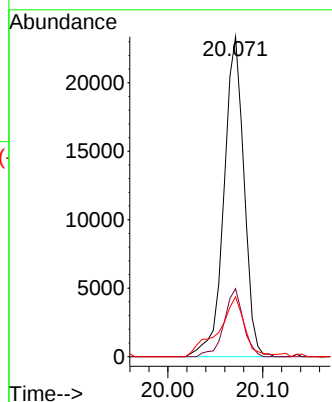
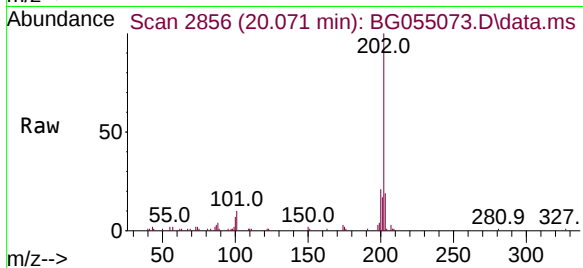
Acq: 4 Oct 2022 21:42

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	202	Resp:	34231
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	25.0
203	18.7	14.0	21.0



#79

Terphenyl-d14

Concen: 60.691 ng

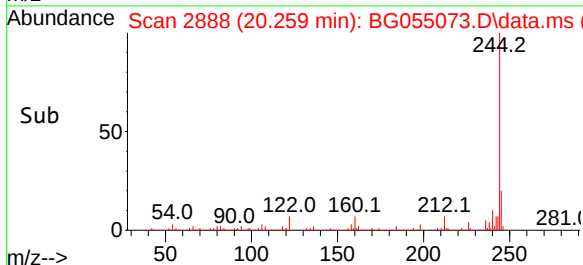
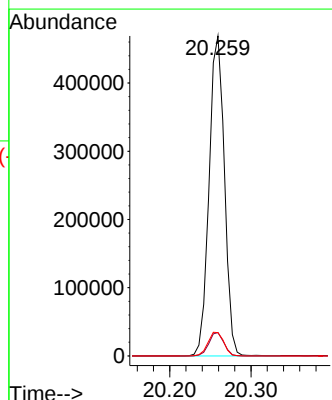
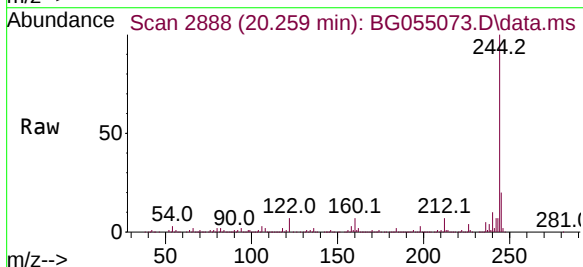
RT: 20.259 min Scan# 2888

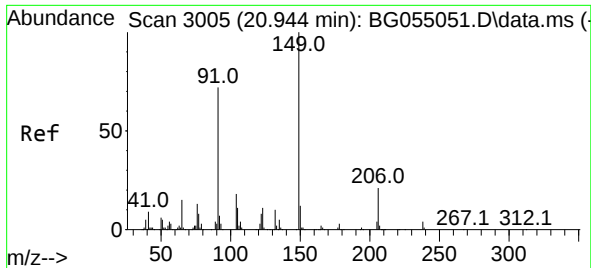
Delta R.T. 0.003 min

Lab File: BG055073.D

Acq: 4 Oct 2022 21:42

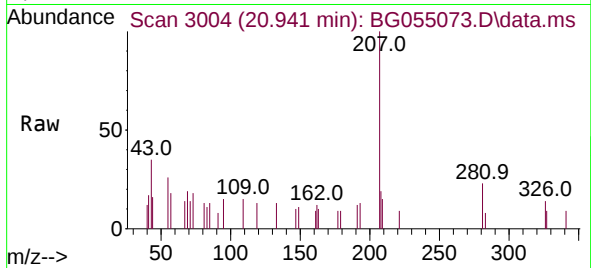
Tgt Ion:	244	Resp:	616674
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	7.3	6.6	10.0



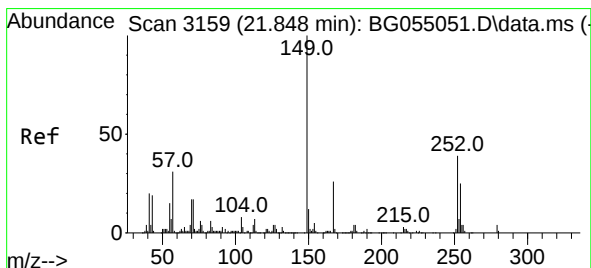
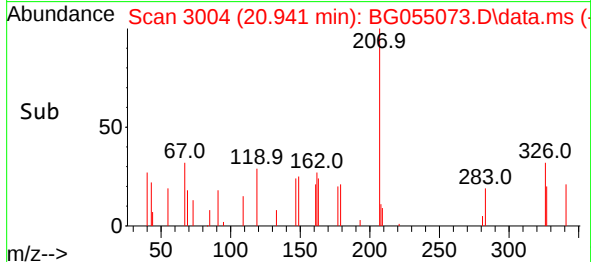
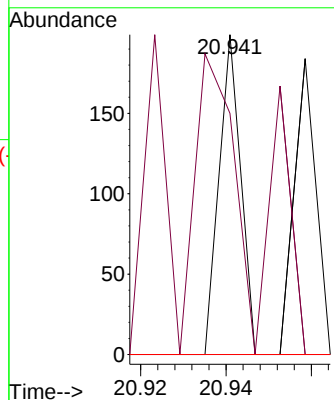


#80
 Butylbenzylphthalate
 Concen: 4.853 ng
 RT: 20.941 min Scan# 3005
 Delta R.T. -0.003 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

Instrument :
 BNA_G
 ClientSampleId :

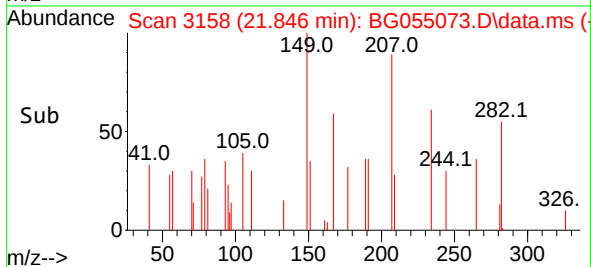
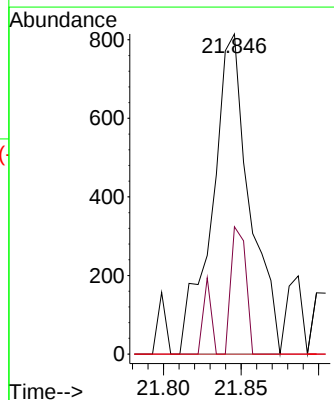
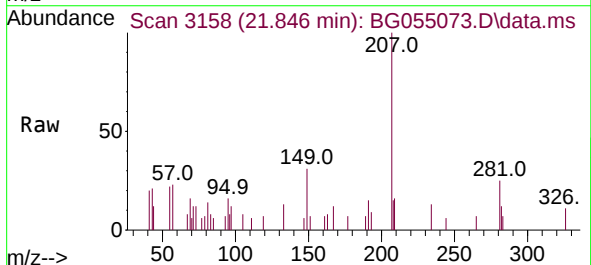


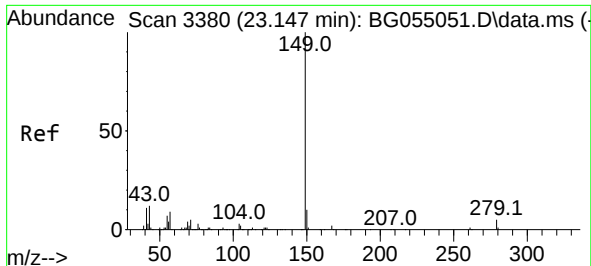
Tgt Ion:	149	Resp:	70
Ion	Ratio	Lower	Upper
149	100		
91	75.4	57.8	86.8
206	0.0	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.297 ng
 RT: 21.846 min Scan# 3158
 Delta R.T. -0.002 min
 Lab File: BG055073.D
 Acq: 4 Oct 2022 21:42

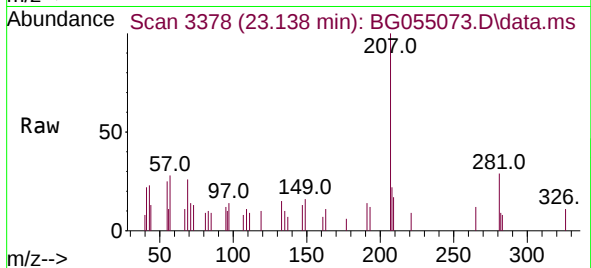
Tgt Ion:	149	Resp:	1371
Ion	Ratio	Lower	Upper
149	100		
167	39.8	21.0	31.4
279	0.0	3.4	5.2



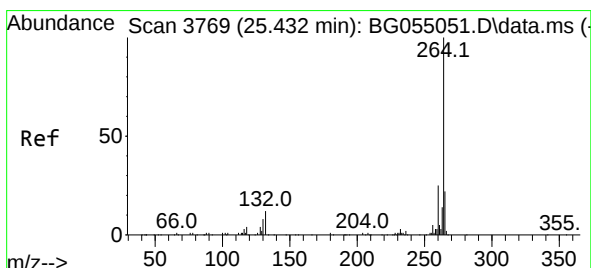
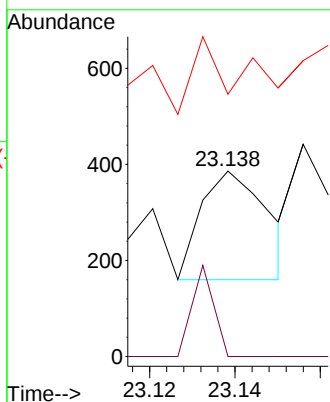
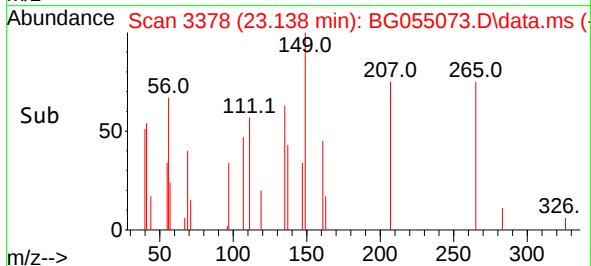


#85
Di-n-octyl phthalate
Concen: 4.362 ng
RT: 23.138 min Scan# 3380
Delta R.T. -0.009 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:149 Resp: 244
Ion Ratio Lower Upper
149 100
167 27.5 1.3 1.9#
43 58.6 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.436 min Scan# 3769
Delta R.T. 0.003 min
Lab File: BG055073.D
Acq: 4 Oct 2022 21:42

Tgt Ion:264 Resp: 221531
Ion Ratio Lower Upper
264 100
260 23.4 19.7 29.5
265 20.8 17.8 26.6

