

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053073.D
 Acq On : 7 Apr 2022 14:33
 Operator : CG/JU
 Sample : N2207-08RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220352-AMENDED-098-21-01RE

Quant Time: Apr 08 07:22:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

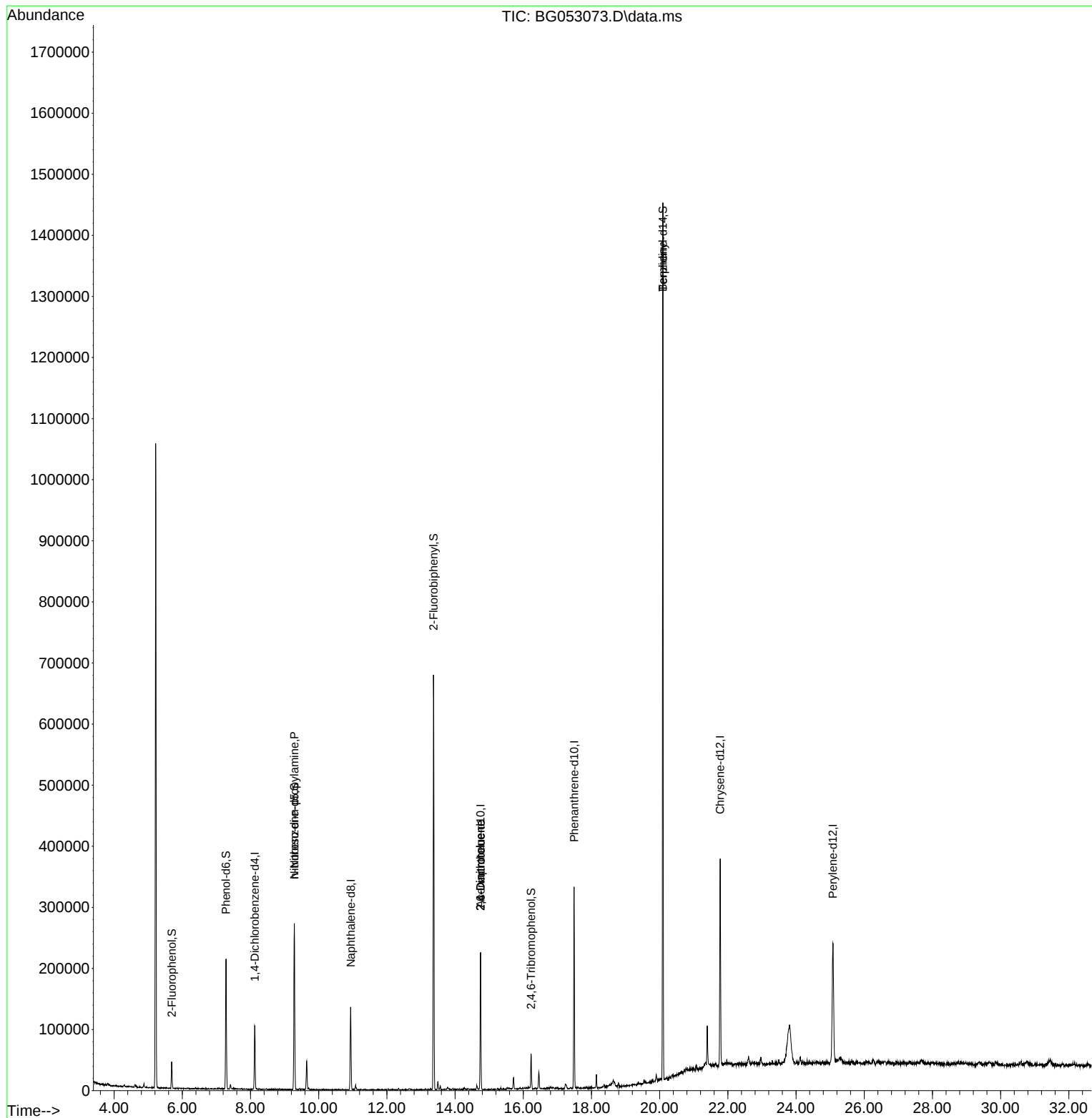
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	28949	20.000	ng	0.00
21) Naphthalene-d8	10.942	136	111790	20.000	ng	0.00
39) Acenaphthene-d10	14.748	164	81852	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	207834	20.000	ng	0.00
76) Chrysene-d12	21.774	240	217547	20.000	ng	0.00
86) Perylene-d12	25.081	264	218300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	16958	10.202	ng	0.00
7) Phenol-d6	7.282	99	116683	46.560	ng	0.00
23) Nitrobenzene-d5	9.285	82	170326	76.471	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	9766	8.879	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	356276	64.195	ng	0.00
79) Terphenyl-d14	20.094	244	722433	59.072	ng	0.00
Target Compounds						
9) Benzaldehyde	7.264	77	363	Below Cal	Qvalue #	5
19) n-Nitroso-di-n-propyla...	9.285	70	24915	14.037 ng	#	79
51) 2,6-Dinitrotoluene	14.743	165	11355	11.055 ng	#	28
57) 2,4-Dinitrotoluene	14.743	165	11355	7.968 ng	#	27
77) Benzidine	20.094	184	12190	2.173 ng	#	95

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

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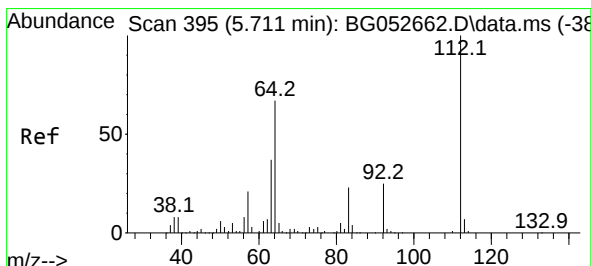
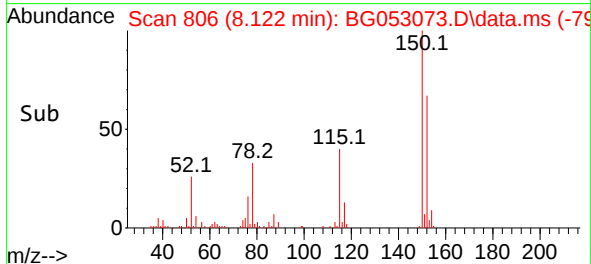
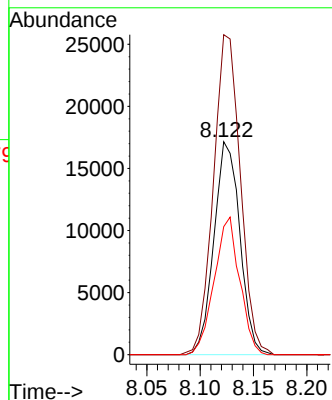
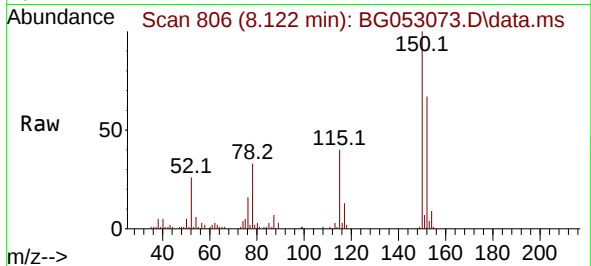




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

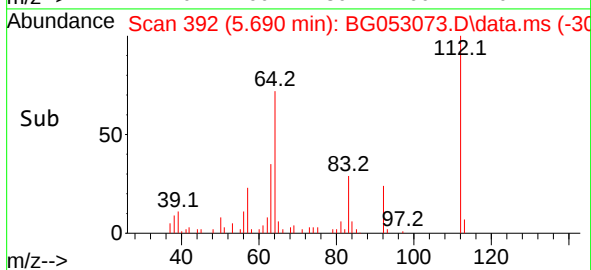
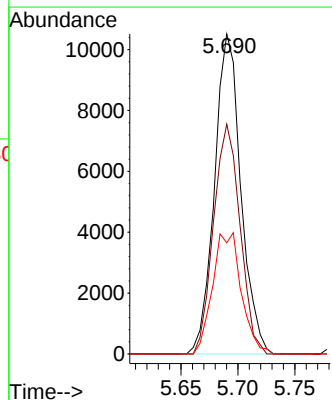
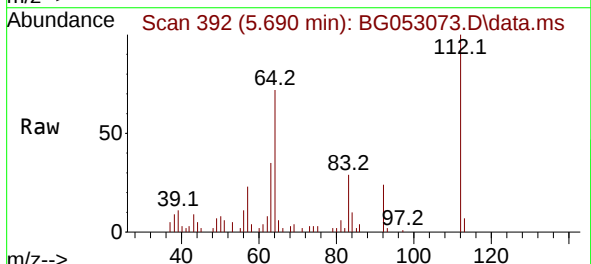
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE

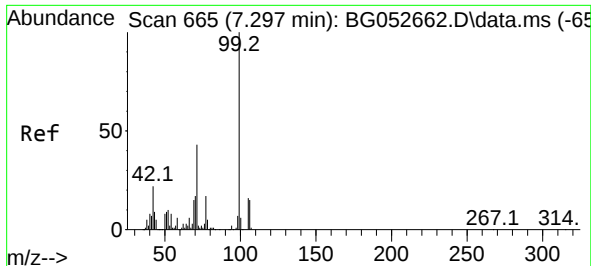
Tgt Ion:152 Resp: 28949
Ion Ratio Lower Upper
152 100
150 150.3 114.6 172.0
115 60.2 45.9 68.9



#5
2-Fluorophenol
Concen: 10.202 ng
RT: 5.690 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

Tgt Ion:112 Resp: 16958
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 34.8 26.5 39.7

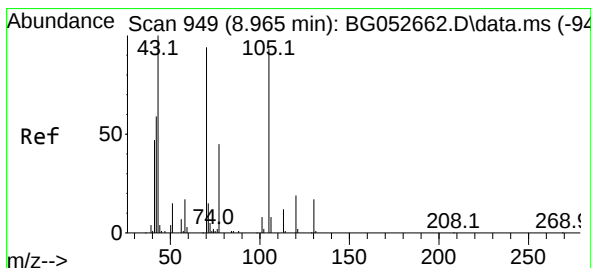
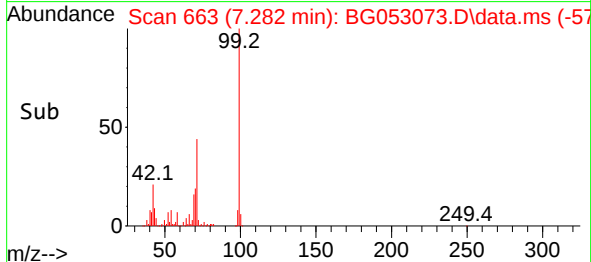
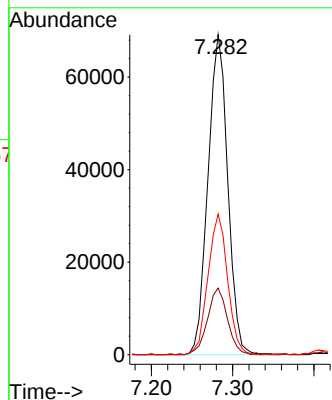
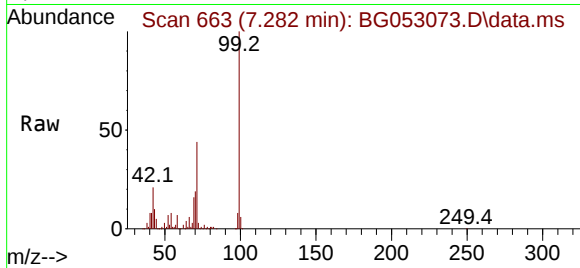




#7
Phenol-d6
Concen: 46.560 ng
RT: 7.282 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

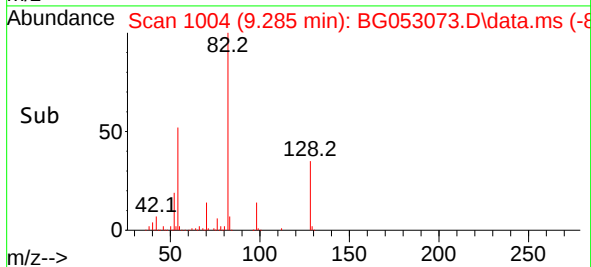
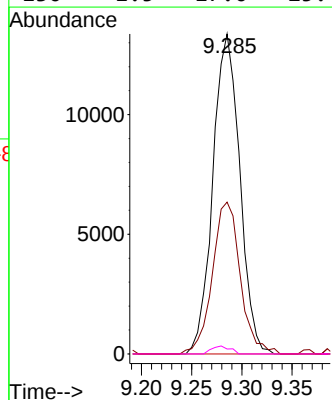
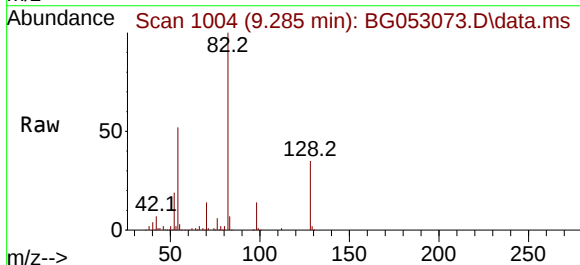
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE

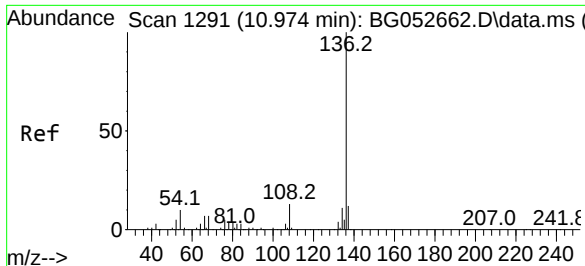
Tgt Ion: 99 Resp: 116683
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 44.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.037 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.358 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

Tgt Ion: 70 Resp: 24915
Ion Ratio Lower Upper
70 100
42 47.4 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

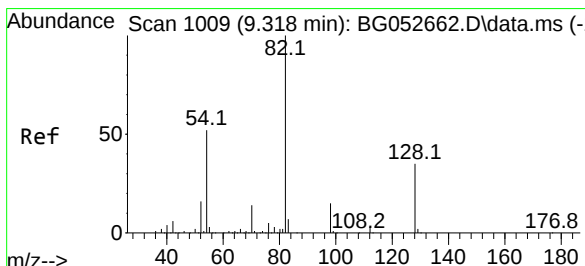
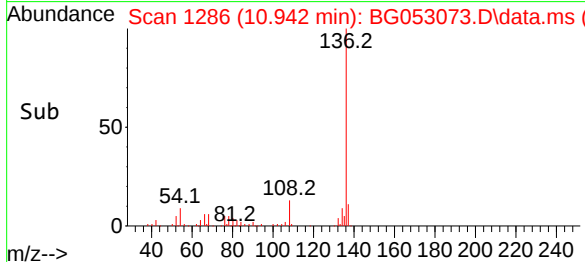
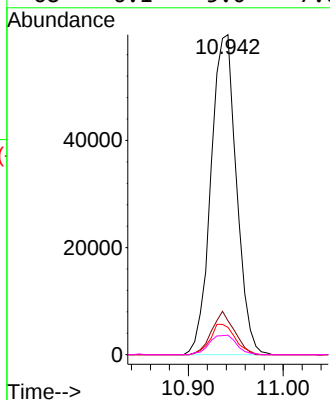
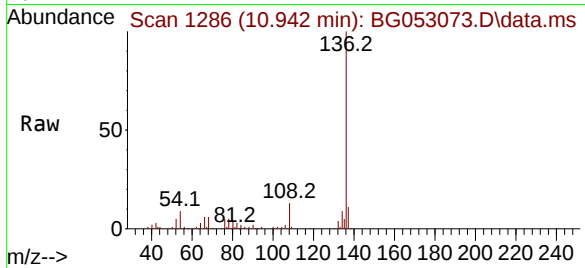




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

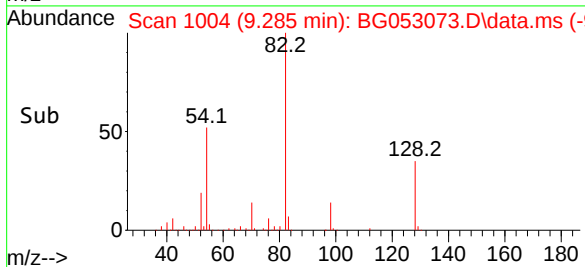
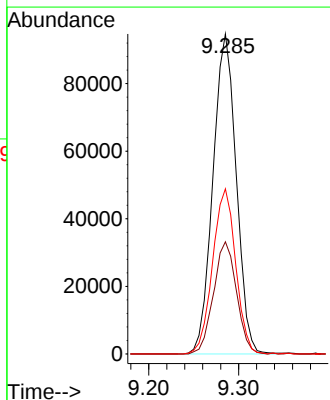
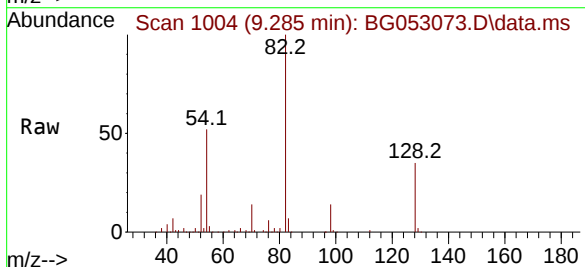
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE

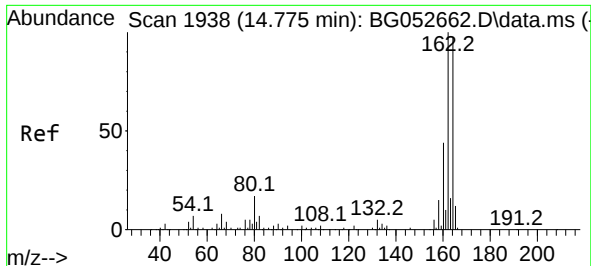
Tgt Ion:136 Resp: 111790
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 8.5 6.4 9.6
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 76.471 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

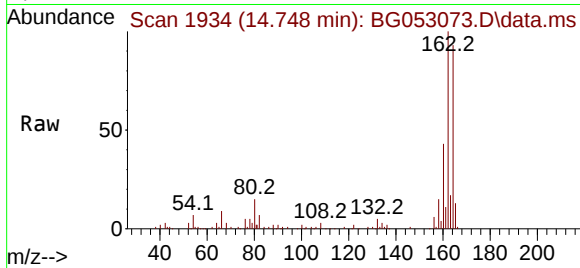
Tgt Ion: 82 Resp: 170326
Ion Ratio Lower Upper
82 100
128 35.0 31.3 46.9
54 51.6 37.8 56.8



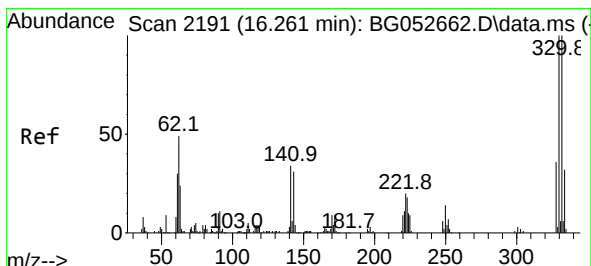
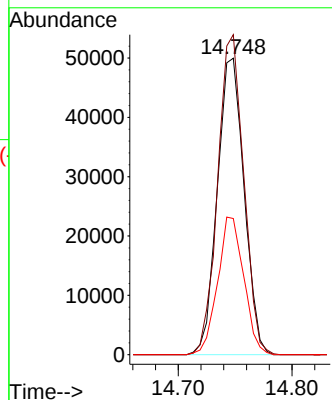
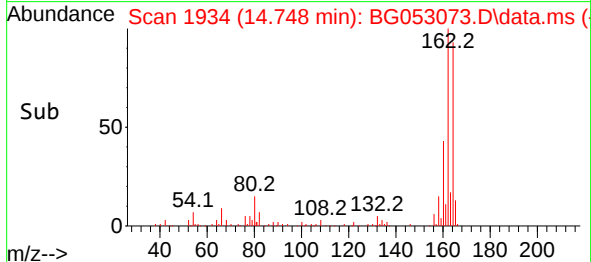


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

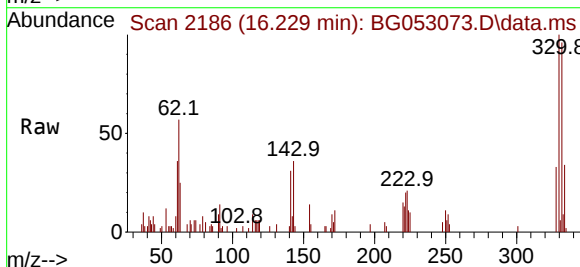
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE



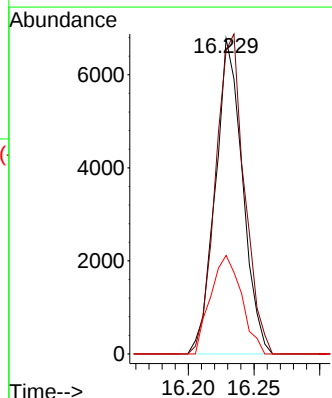
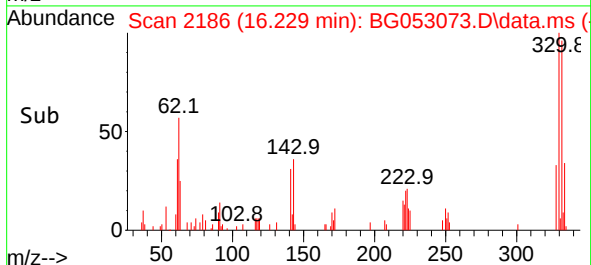
Tgt Ion:164 Resp: 81852
Ion Ratio Lower Upper
164 100
162 108.0 80.0 120.0
160 46.0 38.8 58.2

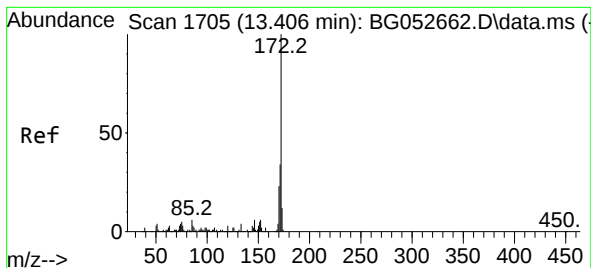


#42
2,4,6-Tribromophenol
Concen: 8.879 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33



Tgt Ion:330 Resp: 9766
Ion Ratio Lower Upper
330 100
332 107.0 75.8 113.6
141 35.5 24.6 36.8

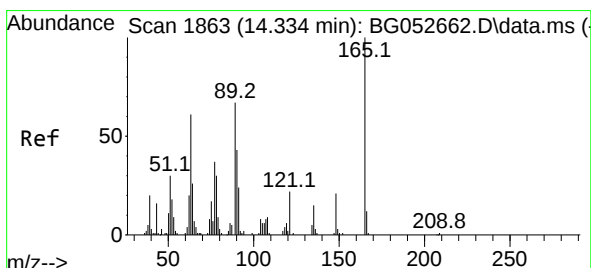
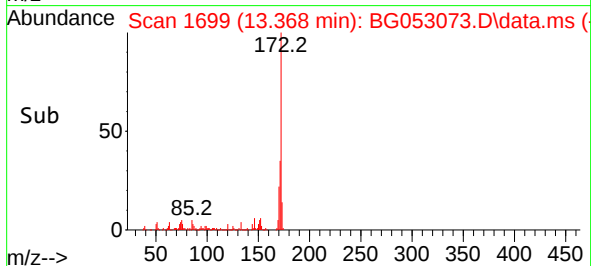
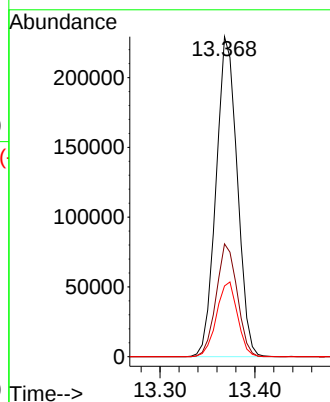
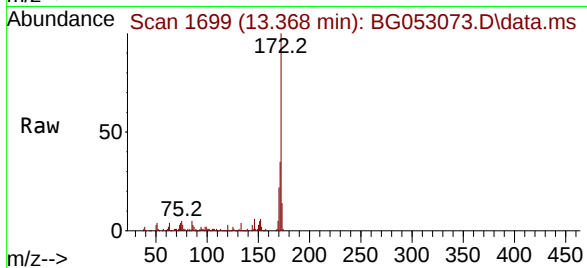




#45
2-Fluorobiphenyl
Concen: 64.195 ng
RT: 13.368 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

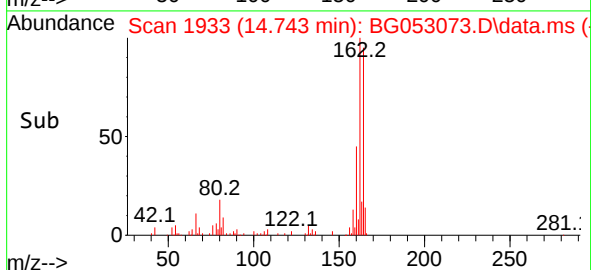
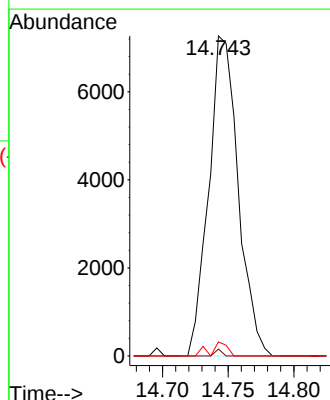
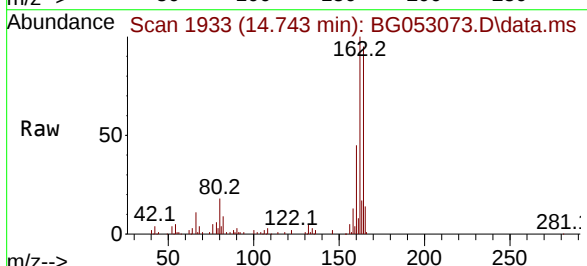
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE

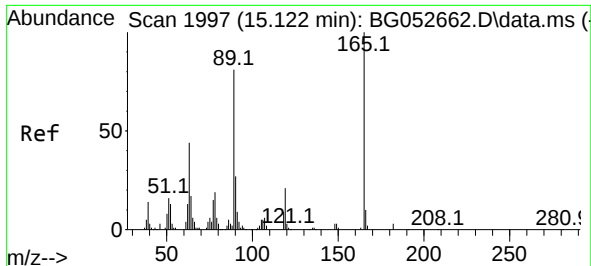
Tgt Ion:172 Resp: 356276
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 11.055 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

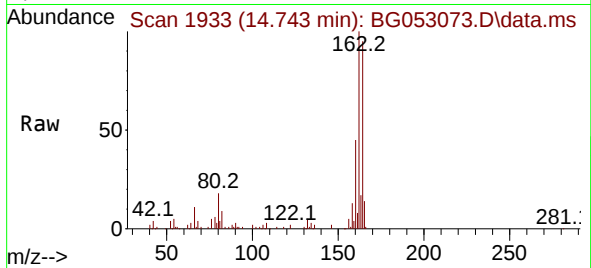
Tgt Ion:165 Resp: 11355
Ion Ratio Lower Upper
165 100
63 2.1 43.7 65.5#
89 4.4 45.0 67.4#



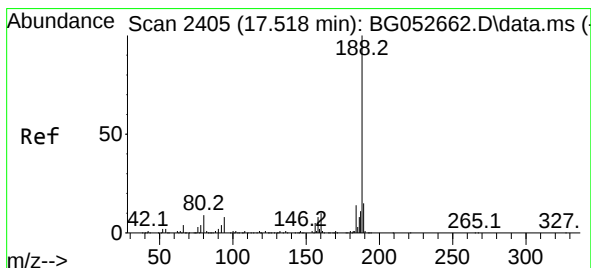
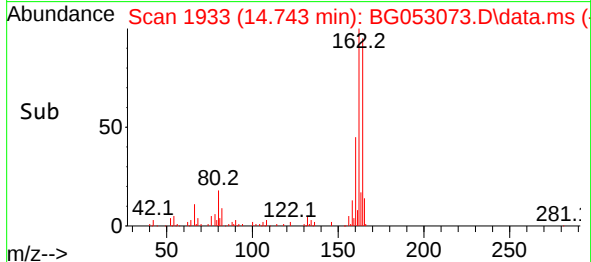
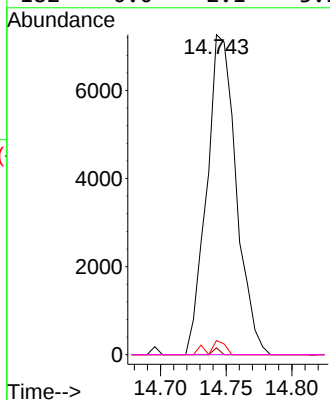


#57
2,4-Dinitrotoluene
Concen: 7.968 ng
RT: 14.743 min Scan# 1997
Delta R.T. -0.358 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01RE

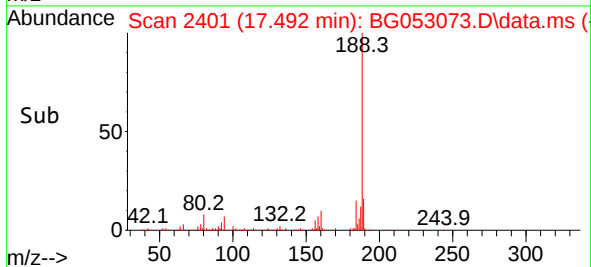
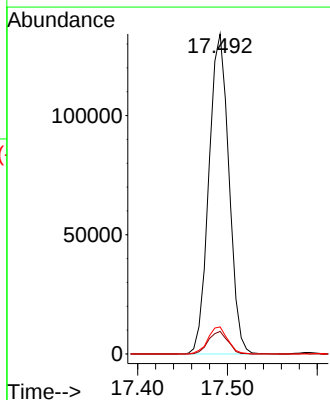
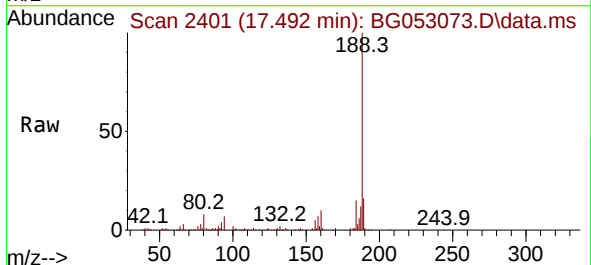


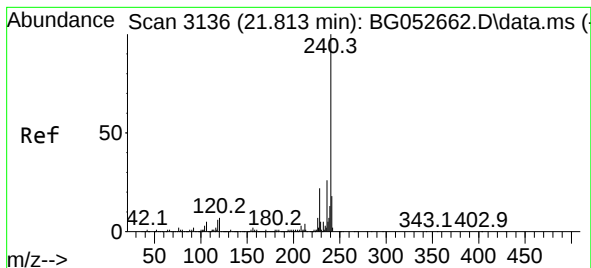
Tgt Ion:165 Resp: 11355
Ion Ratio Lower Upper
165 100
63 2.1 34.8 52.2#
89 4.4 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG053073.D
Acq: 7 Apr 2022 14:33

Tgt Ion:188 Resp: 207834
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.4 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.774 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053073.D

Acq: 7 Apr 2022 14:33

Instrument :

BNA_G

ClientSampleId :

20220352-AMENDED-098-21-01RE

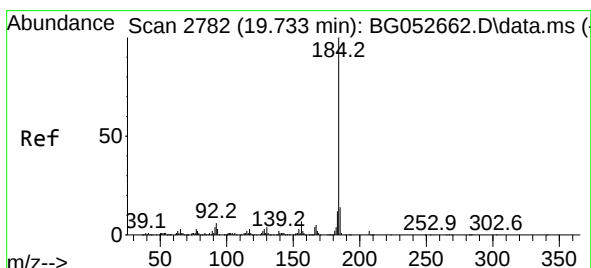
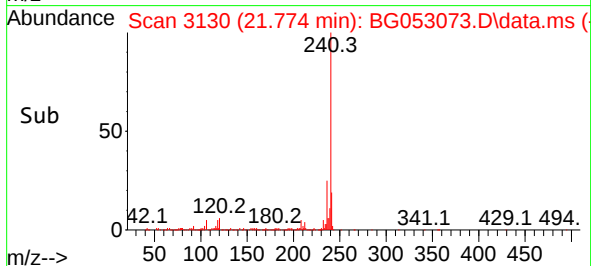
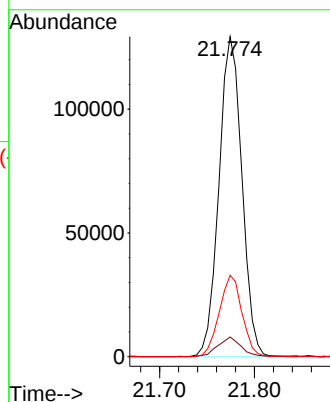
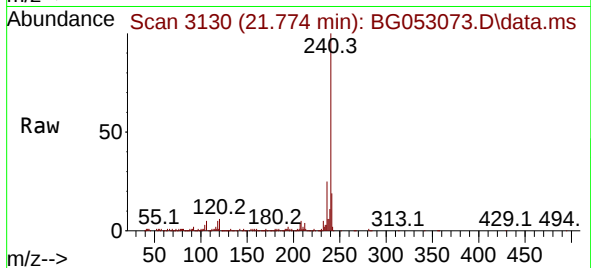
Tgt Ion:240 Resp: 217547

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.0

236 25.4 19.8 29.6



#77

Benzidine

Concen: 2.173 ng

RT: 20.094 min Scan# 2844

Delta R.T. 0.382 min

Lab File: BG053073.D

Acq: 7 Apr 2022 14:33

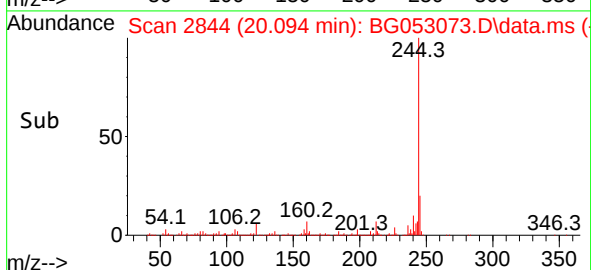
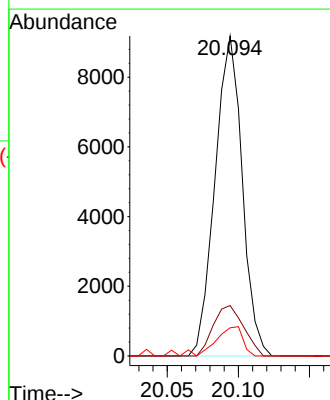
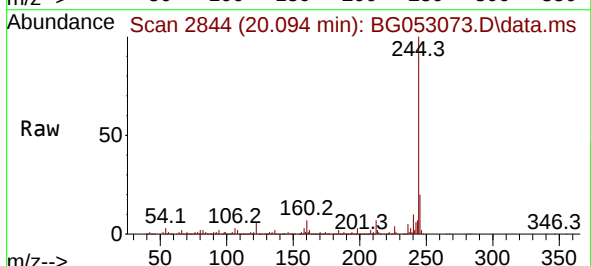
Tgt Ion:184 Resp: 12190

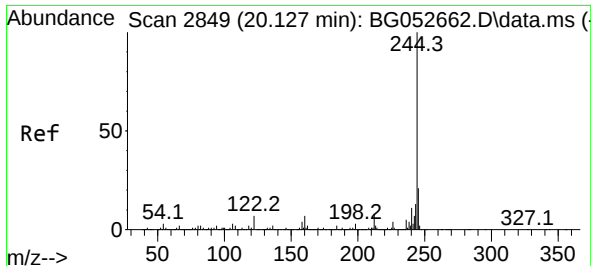
Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 8.8 9.4 14.2#

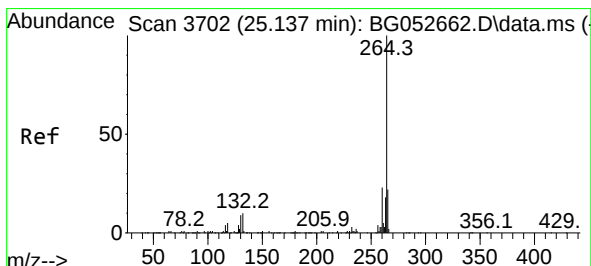
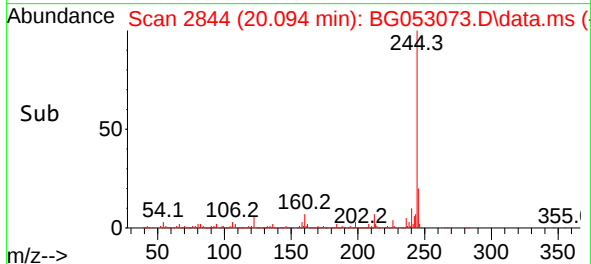
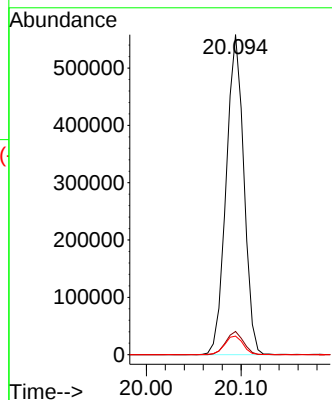
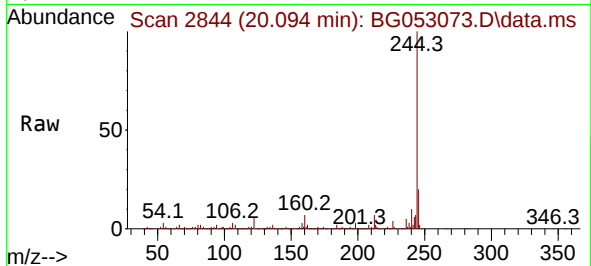




#79
 Terphenyl-d14
 Concen: 59.072 ng
 RT: 20.094 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053073.D
 Acq: 7 Apr 2022 14:33

Instrument :
 BNA_G
 ClientSampleId :
 20220352-AMENDED-098-21-01RE

Tgt Ion:244 Resp: 722433
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 5.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.081 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: BG053073.D
 Acq: 7 Apr 2022 14:33

Tgt Ion:264 Resp: 218300
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 20.8 15.1 22.7

