

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038853.D
 Acq On : 27 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6549-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Dec 28 00:30:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

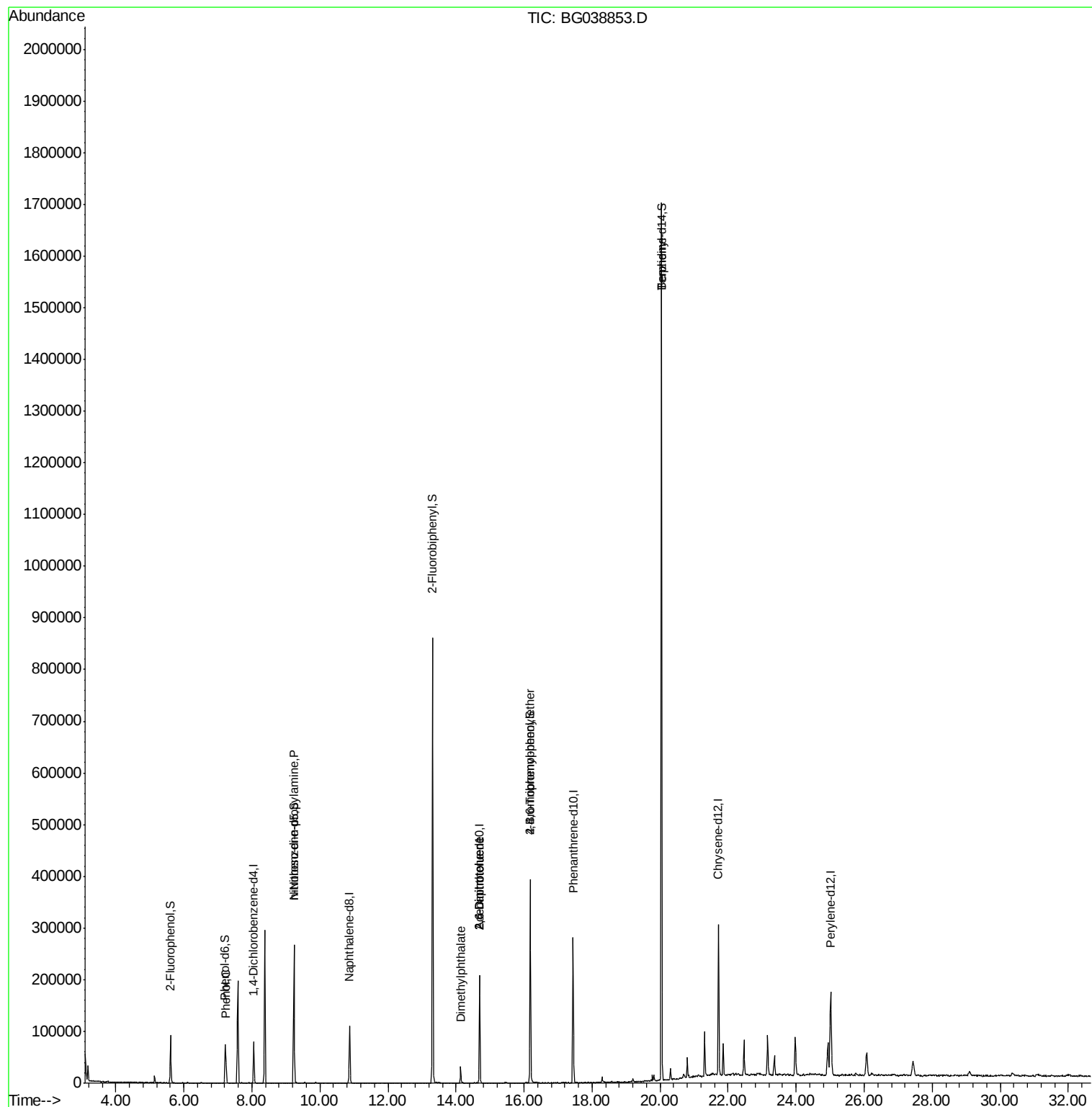
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23934	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	101523	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78513	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190155	20.00	ng	0.00
76) Chrysene-d12	21.72	240	188160	20.00	ng	-0.01
87) Perylene-d12	25.01	264	199721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	42336	31.37	ng	0.00
7) Phenol-d6	7.21	99	43761	23.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	158708	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	88523	81.81	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	478737	83.65	ng	0.00
79) Terphenyl-d14	20.04	244	827446	95.71	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16584	8.426	ng	95
19) n-Nitroso-di-n-propylamine	9.24	70	20982	16.127	ng	# 68
50) Dimethylphthalate	14.14	163	25878	4.036	ng	97
51) 2,6-Dinitrotoluene	14.69	165	10261	7.062	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	10261	5.014	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	5466	2.354	ng	# 1
77) Benzidine	20.04	184	13749	2.471	ng	# 94

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

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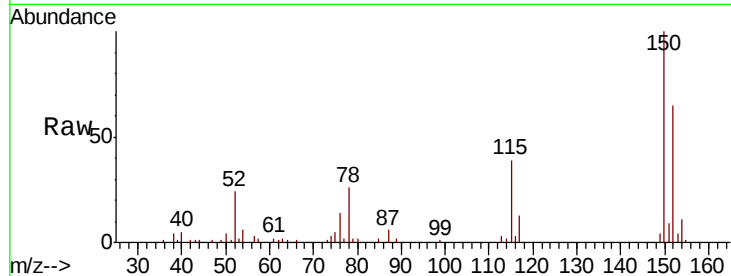


#1

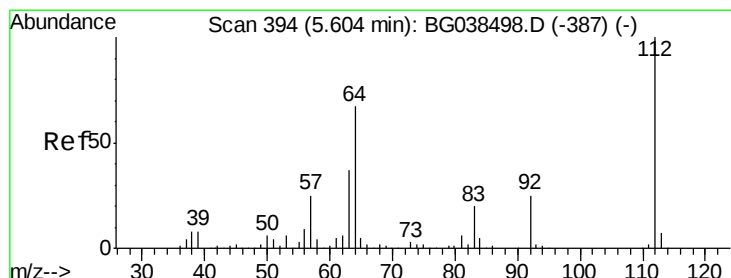
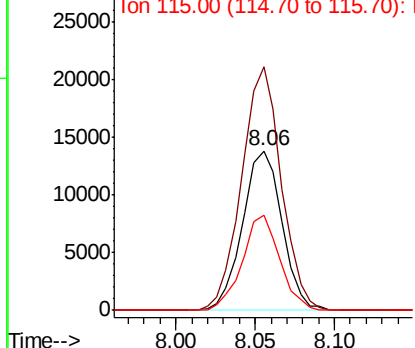
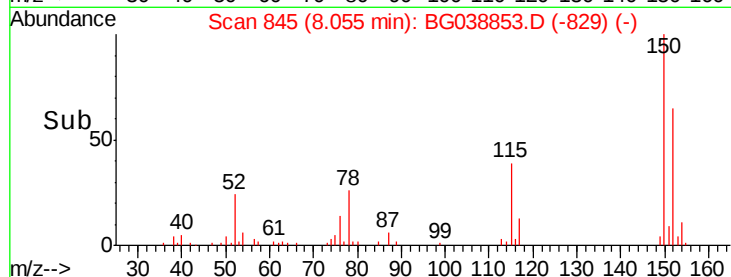
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:152 Resp: 23934
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 59.4 49.6 74.4



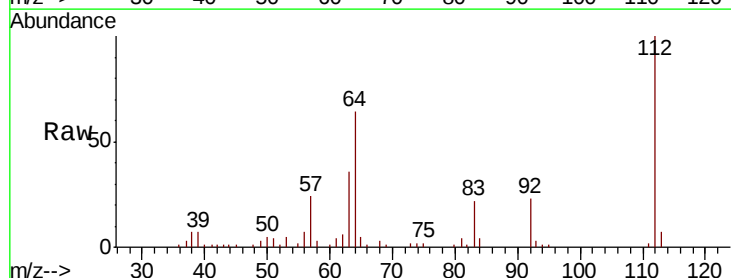
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



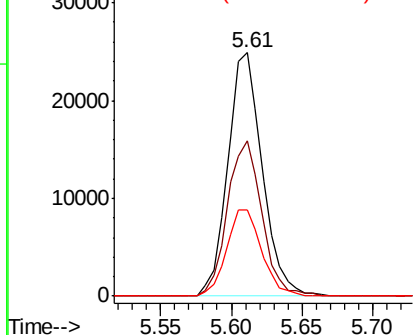
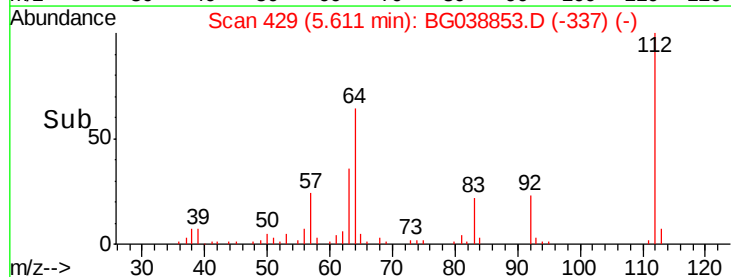
#5

2-Fluorophenol
Concen: 31.373 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion:112 Resp: 42336
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 35.5 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.623 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

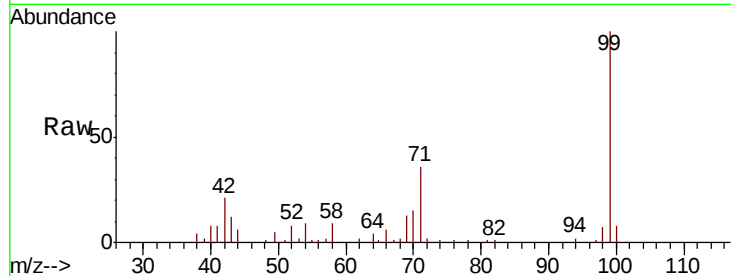
Tot Ion: 99 Resp: 43761

Ion Ratio Lower Upper

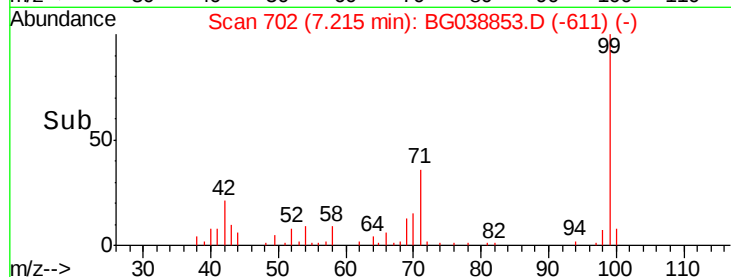
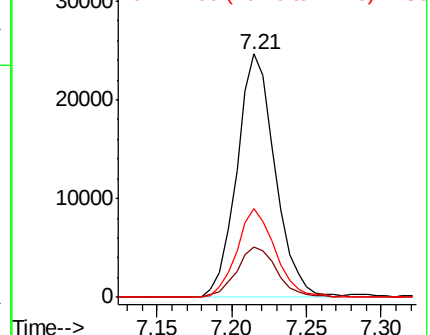
99 100

42 20.8 18.5 27.7

71 36.4 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 8.426 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

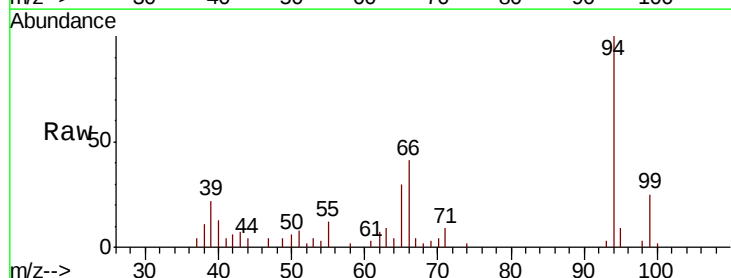
Tgt Ion: 94 Resp: 16584

Ion Ratio Lower Upper

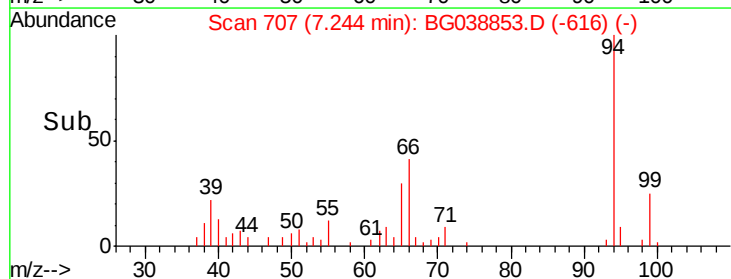
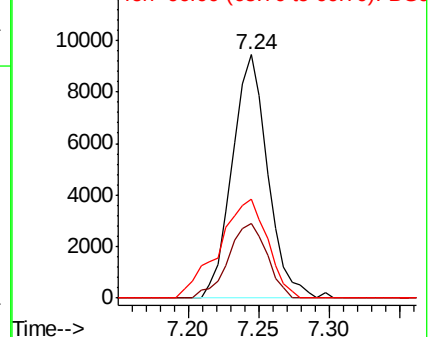
94 100

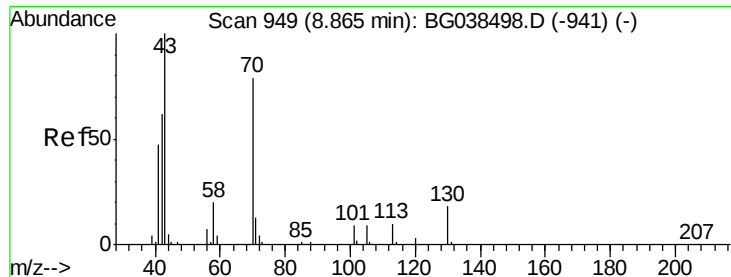
65 30.4 12.6 52.6

66 40.7 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

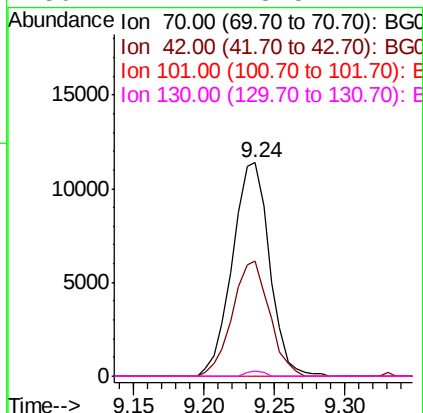
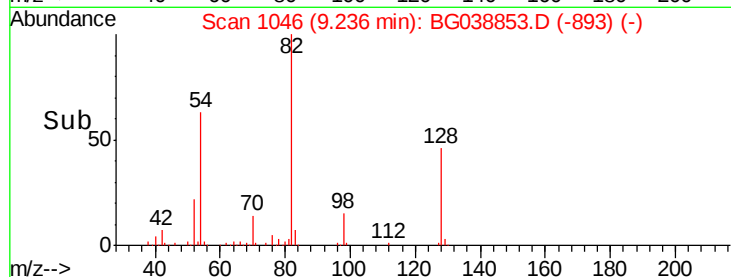
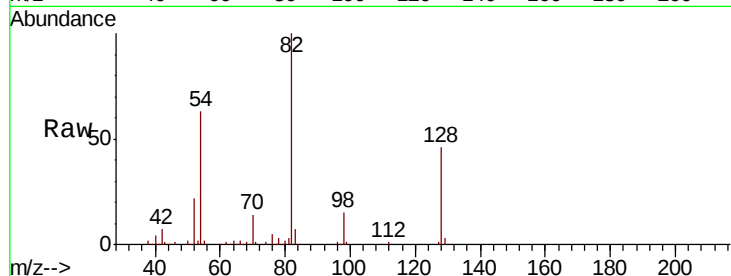




#19
n-Nitroso-di-n-propylamine
Concen: 16.127 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

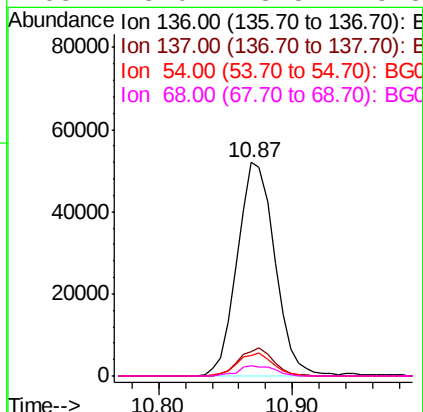
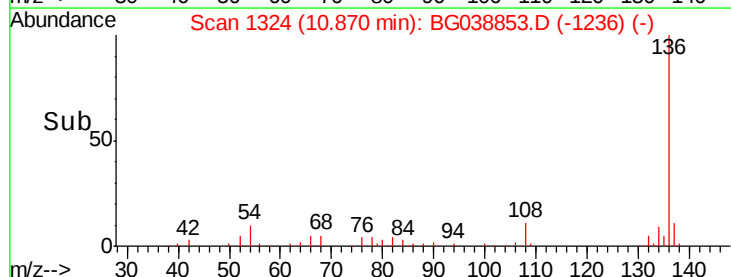
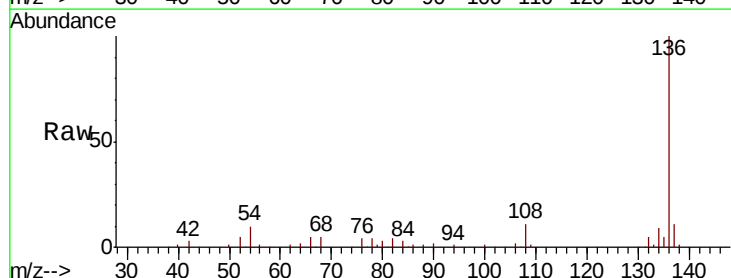
Instrument :
BNA_G
ClientSampleId :
MW-6

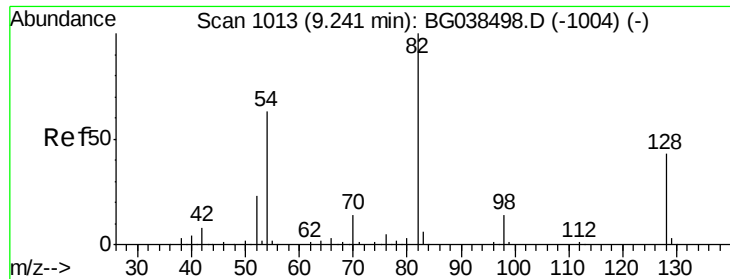
Tot Ion: 70 Resp: 20982
Ion Ratio Lower Upper
70 100
42 53.7 63.6 95.4#
101 0.0 9.2 13.8#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion:136 Resp: 101523
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.6 8.5 12.7
68 5.0 3.5 5.3

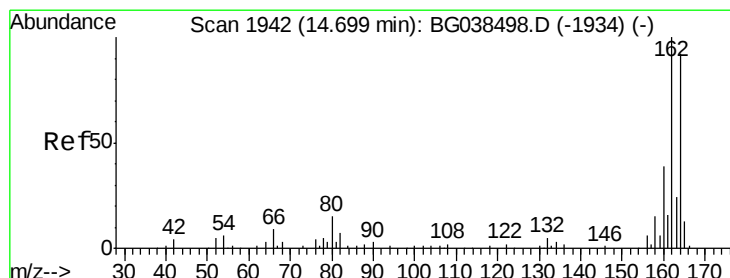
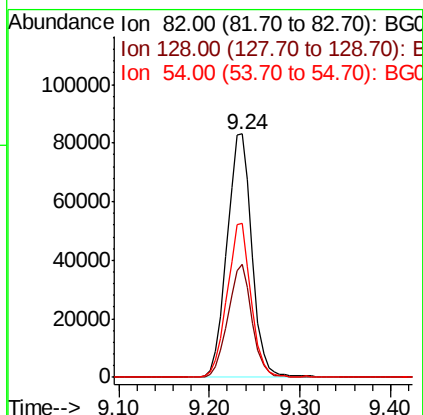
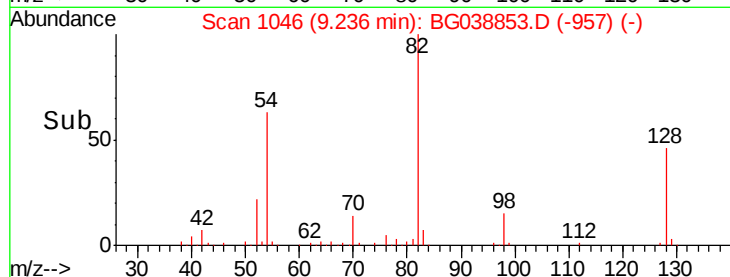
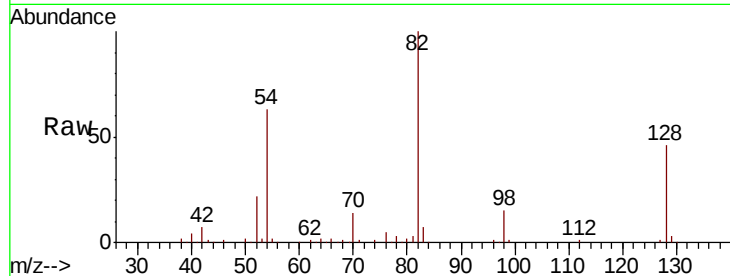




#23
Nitrobenzene-d5
Concen: 79.863 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

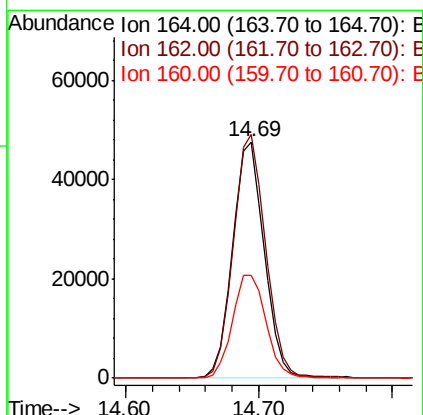
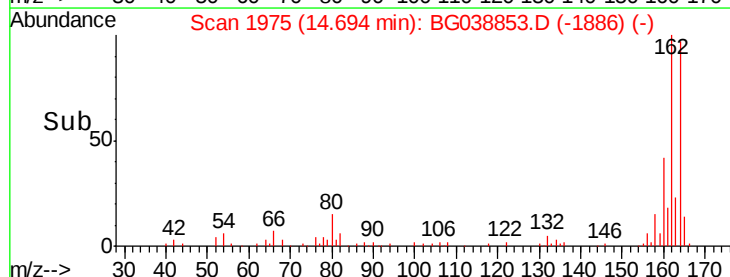
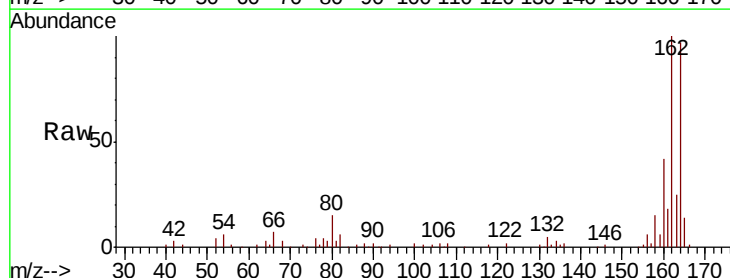
Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion: 82 Resp: 158708
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 63.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion:164 Resp: 78513
Ion Ratio Lower Upper
164 100
162 103.0 86.6 130.0
160 43.3 34.2 51.2

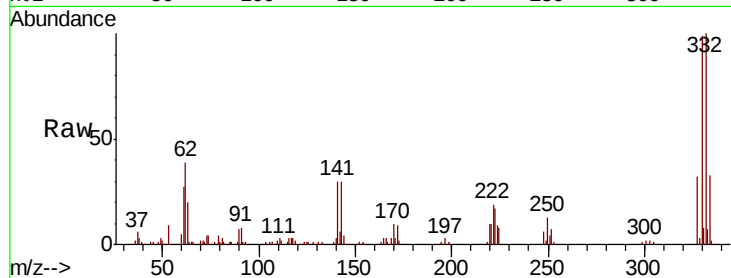




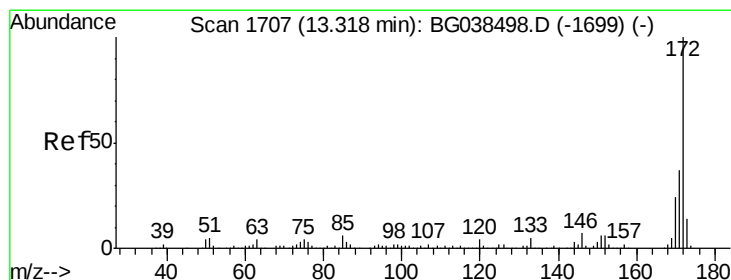
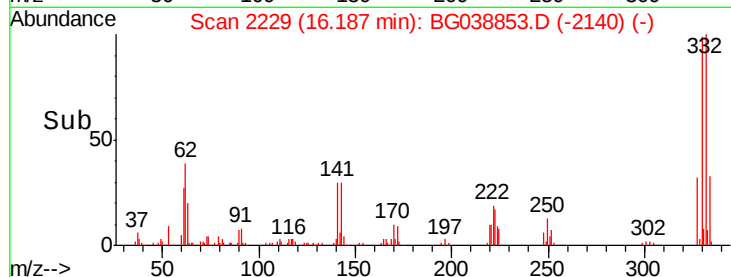
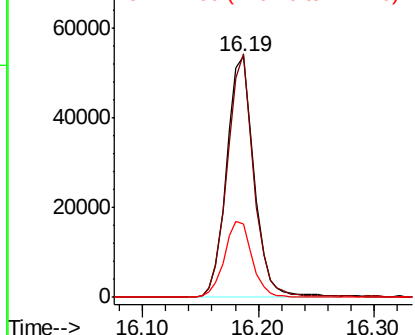
#42
 2,4,6-Tribromophenol
 Concen: 81.810 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038853.D
 Acq: 27 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion:330 Resp: 88523
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 31.7 28.8 43.2

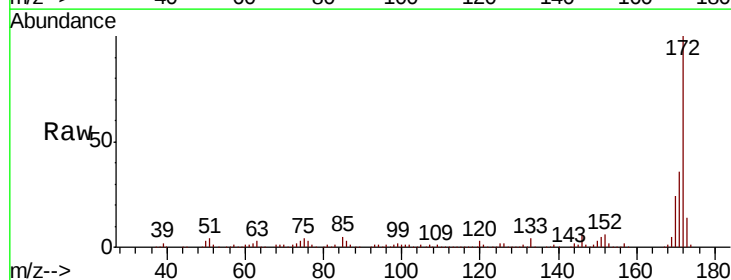


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

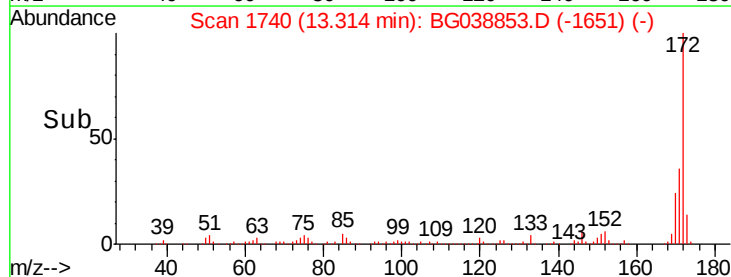
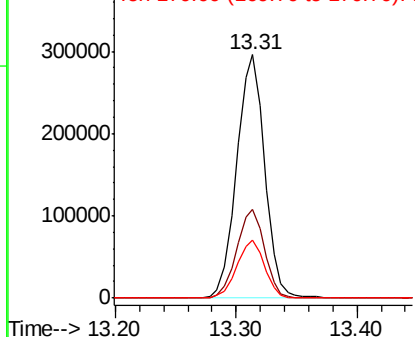


#45
 2-Fluorobiphenyl
 Concen: 83.649 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038853.D
 Acq: 27 Dec 2018 21:16

Tgt Ion:172 Resp: 478737
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 24.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.036 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

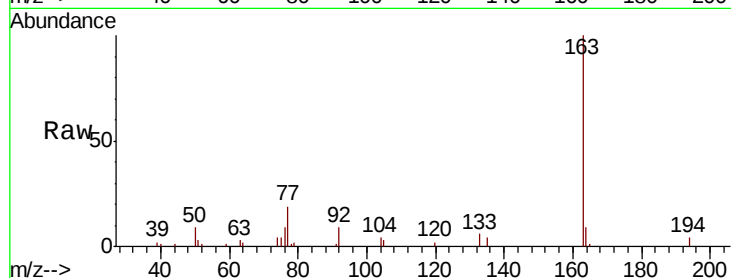
Tot Ion:163 Resp: 25878

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

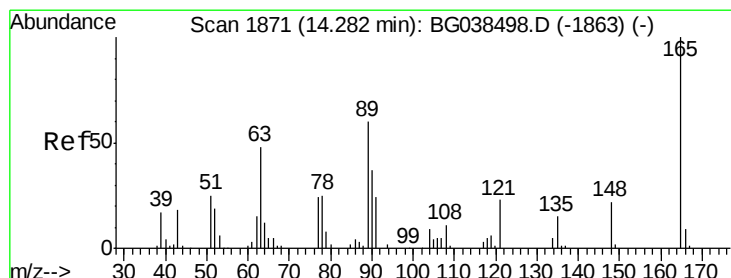
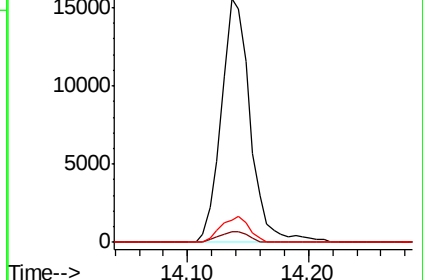
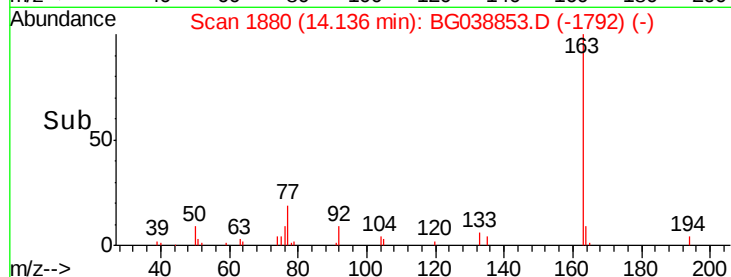
164 9.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.062 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

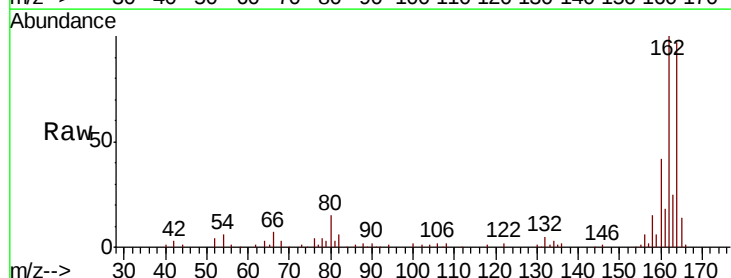
Tgt Ion:165 Resp: 10261

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

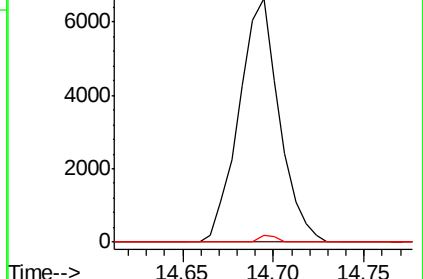
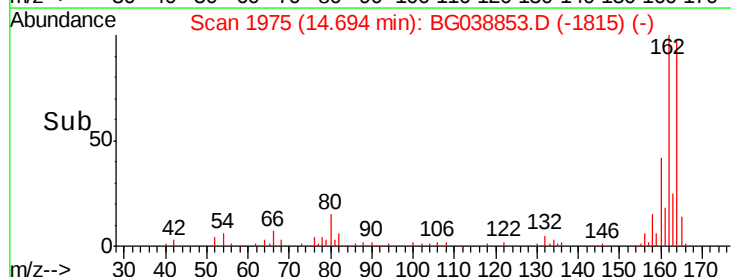
89 3.0 47.9 71.9#

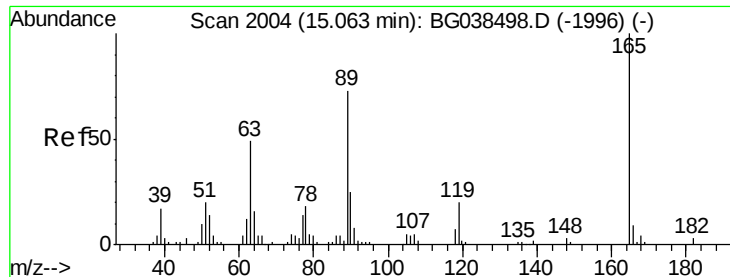


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

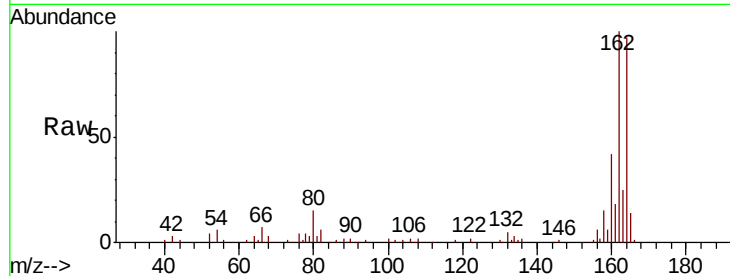




#57
 2,4-Dinitrotoluene
 Concen: 5.014 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038853.D
 Acq: 27 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.0	58.0	87.0#
182	0.0	2.3	3.5#

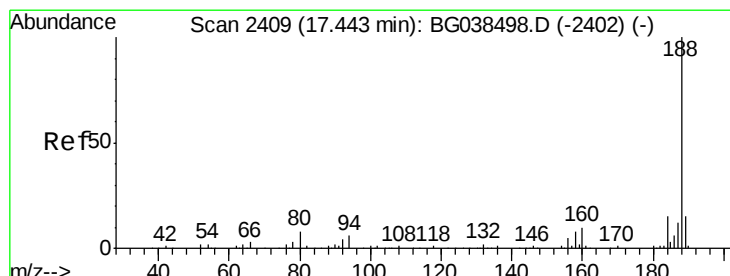
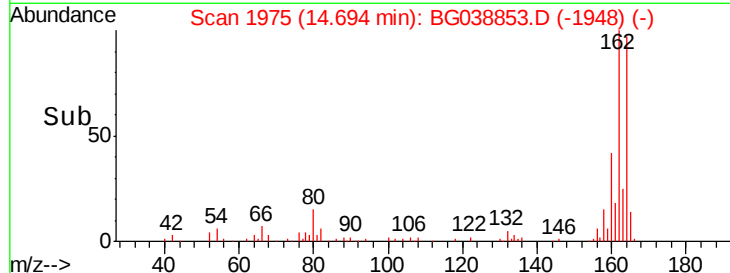
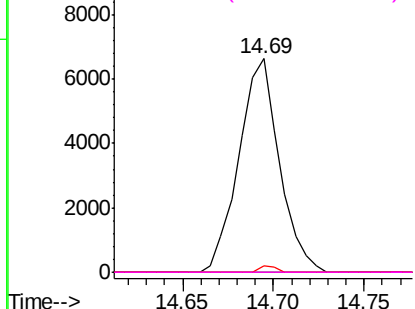


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



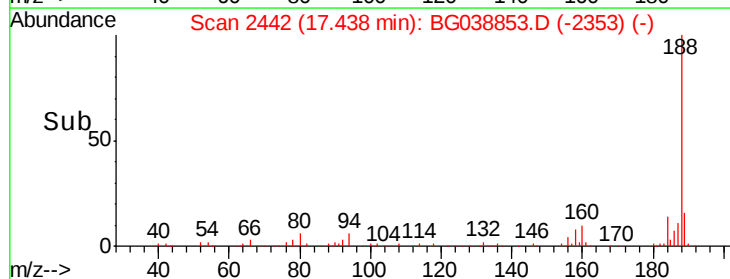
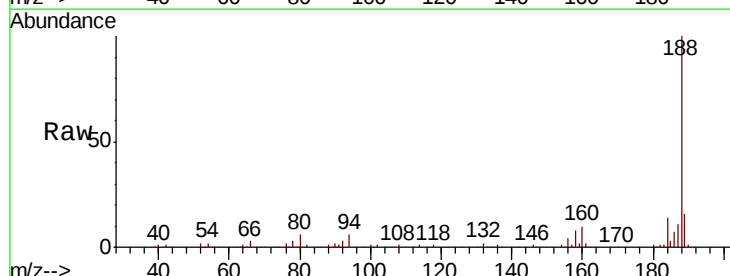
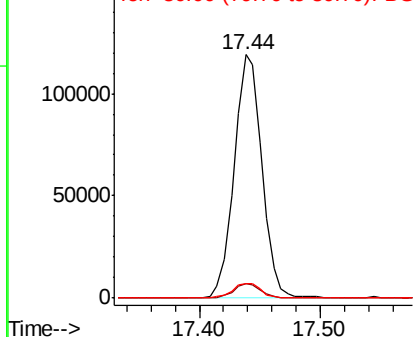
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038853.D
 Acq: 27 Dec 2018 21:16

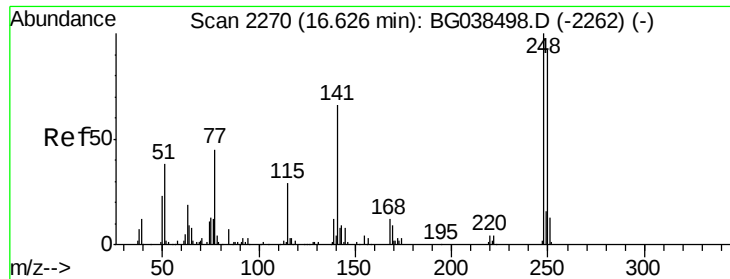
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	6.2	6.1	9.1

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

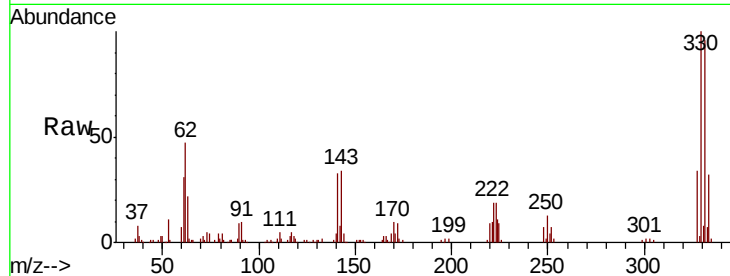




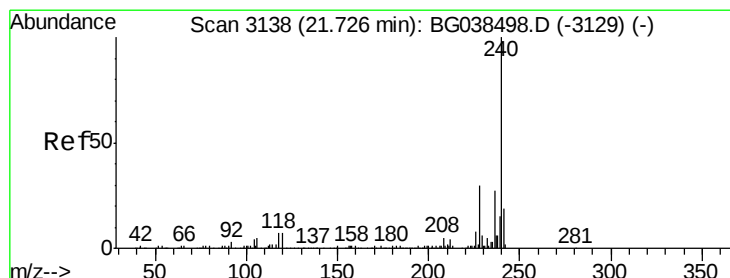
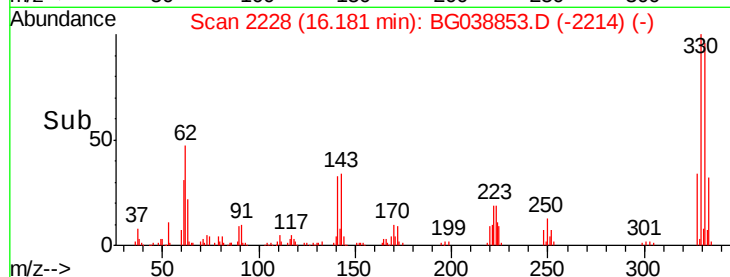
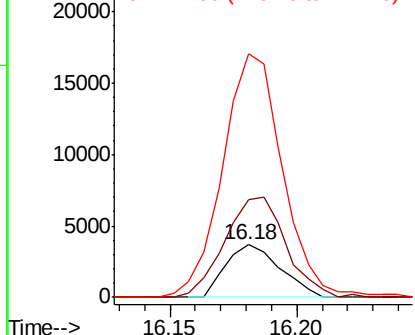
#67
4-Bromophenyl-phenylether
Concen: 2.354 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:248 Resp: 5466
Ion Ratio Lower Upper
248 100
250 188.6 73.4 110.2#
141 353.8 52.9 79.3#

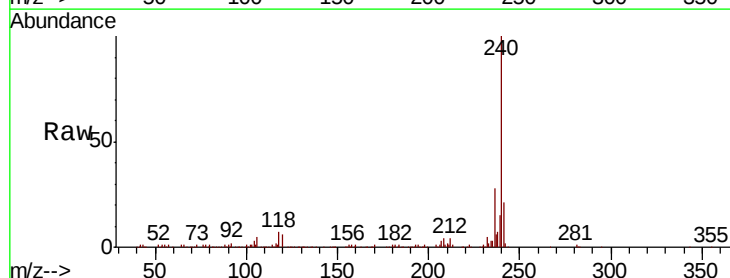


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

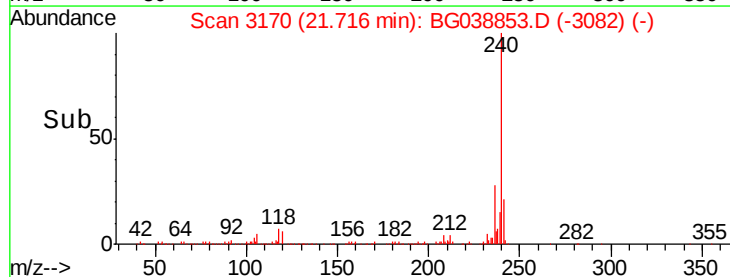
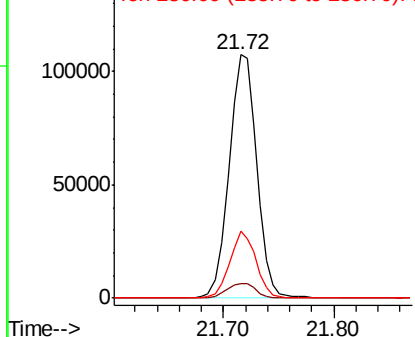


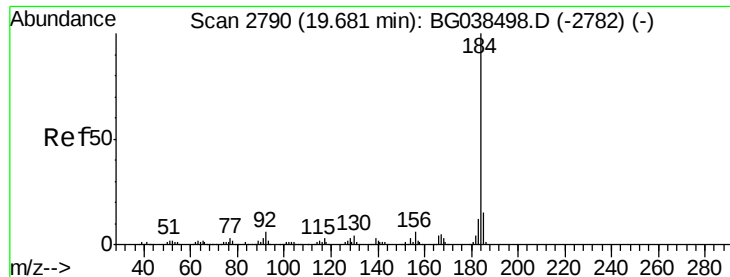
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Tgt Ion:240 Resp: 188160
Ion Ratio Lower Upper
240 100
120 5.8 5.3 7.9
236 27.6 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.471 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

MW-6

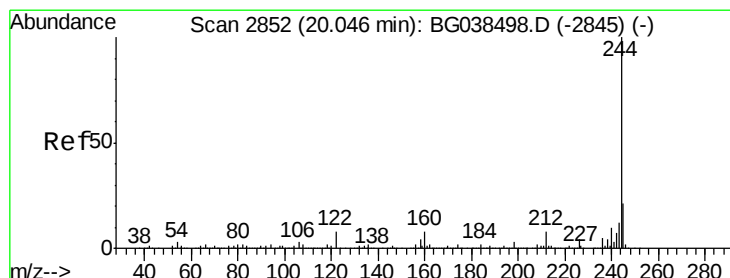
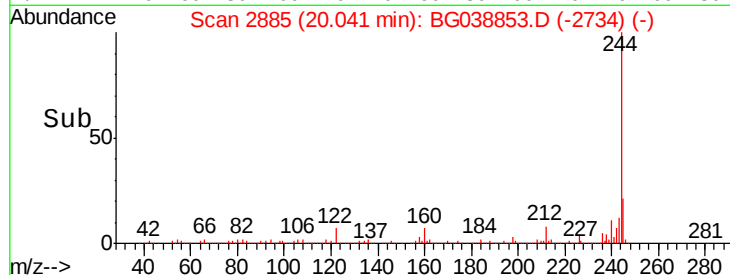
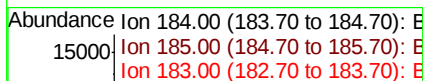
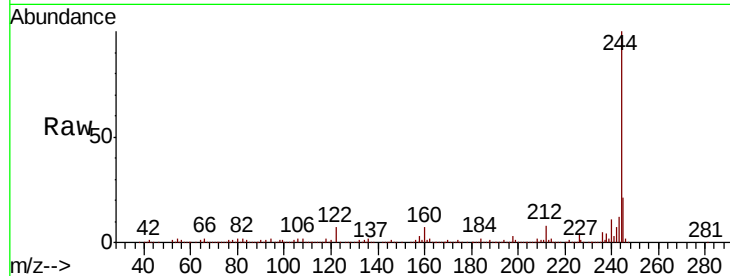
Tot Ion:184 Resp: 13749

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 7.3 9.6 14.4#



#79

Terphenyl-d14

Concen: 95.706 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038853.D

Acq: 27 Dec 2018 21:16

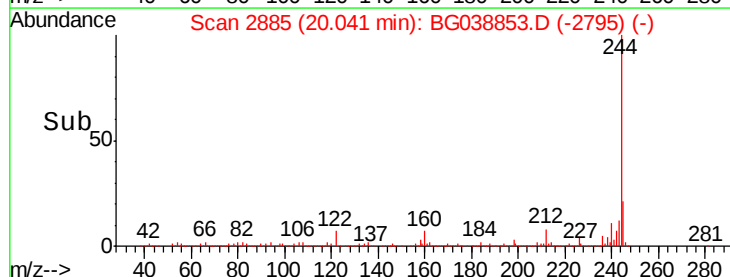
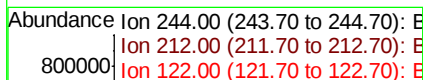
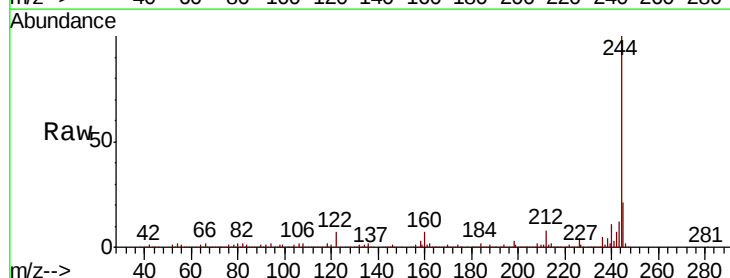
Tgt Ion:244 Resp: 827446

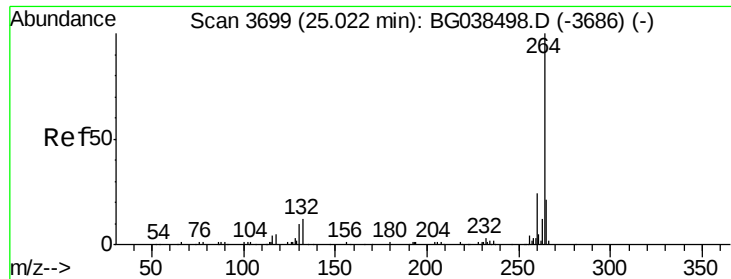
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.1 6.3 9.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038853.D
Acq: 27 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	22.8	17.0	25.4

