

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033085.D
 Acq On : 12 Mar 2018 12:23
 Operator : SJ/JU
 Sample : J1873-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 15:28:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

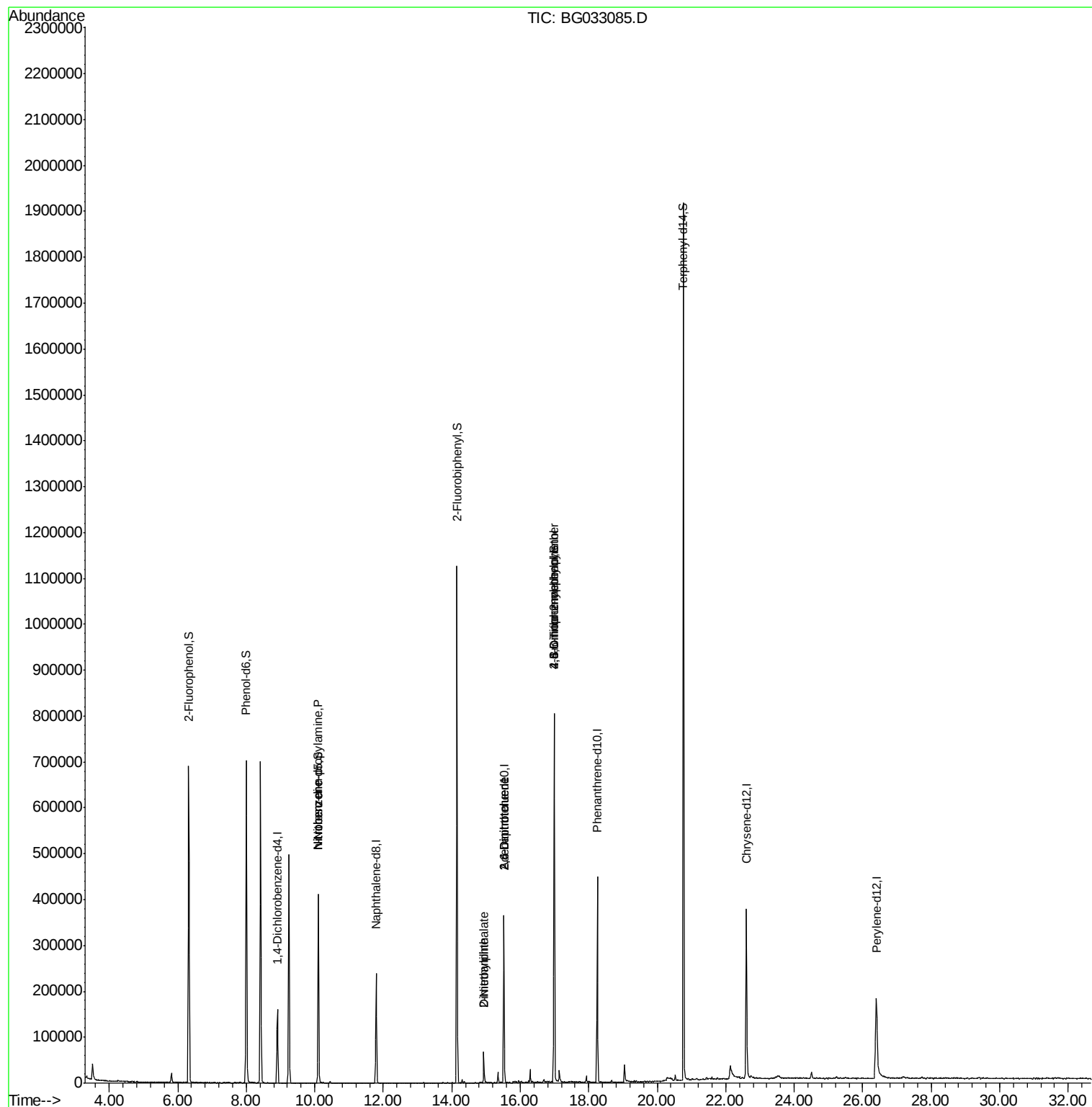
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	46883	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	212672	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	121314	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	278278	20.00	ng	0.00
75) Chrysene-d12	22.60	240	263453	20.00	ng	-0.01
86) Perylene-d12	26.40	264	258127	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	322652	110.10	ng	0.00
7) Phenol-d6	8.01	99	436094	106.76	ng	0.00
23) Nitrobenzene-d5	10.11	82	261538	85.30	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	143421	112.44	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	586229	69.69	ng	0.00
78) Terphenyl-d14	20.77	244	879796	75.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	34299	11.894	ng	# 80
24) Nitrobenzene	10.11	77	742	6.570	ng	# 33
47) 2-Nitroaniline	14.94	65	386	9.989	ng	# 1
49) Dimethylphthalate	14.94	163	43310	4.205	ng	100
50) 2,6-Dinitrotoluene	15.53	165	16253	16.664	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	16253	14.863	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.99	198	384	5.535	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	9890	3.361	ng	# 1

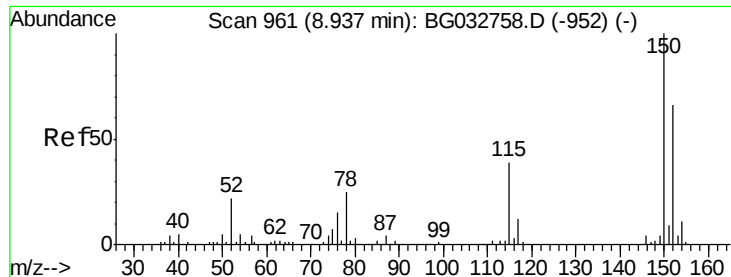
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
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Misc :
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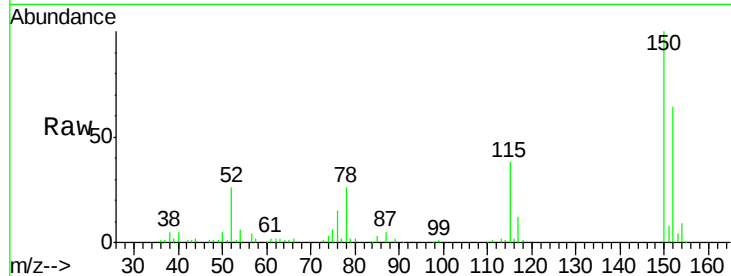


#1

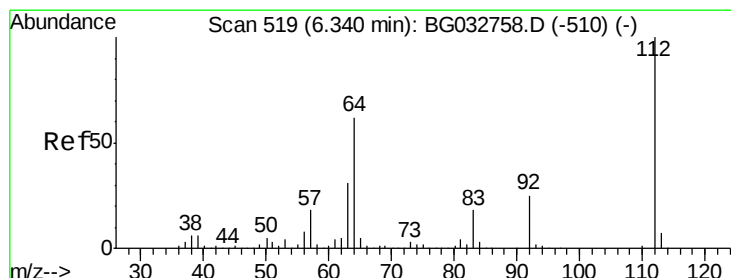
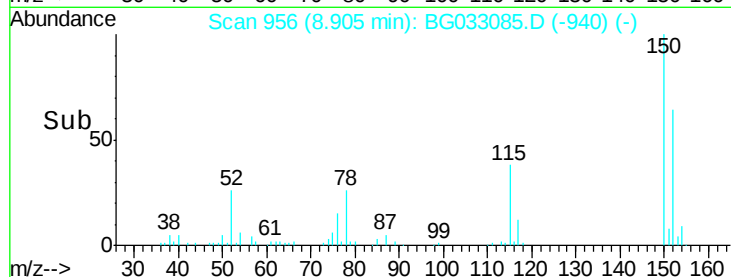
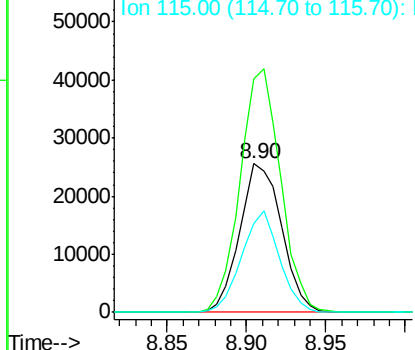
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46883
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 60.0 53.0 79.4



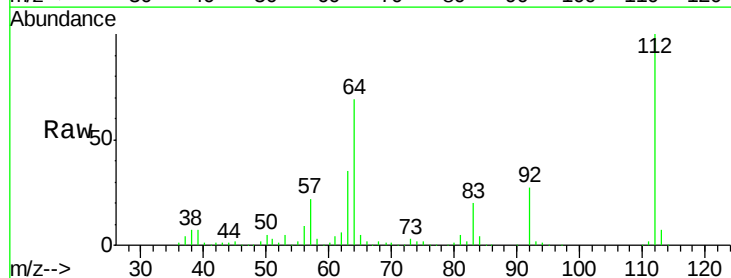
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



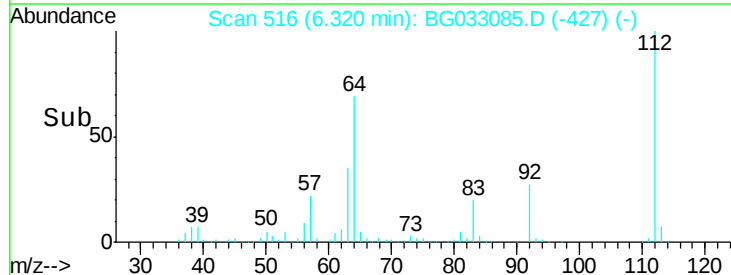
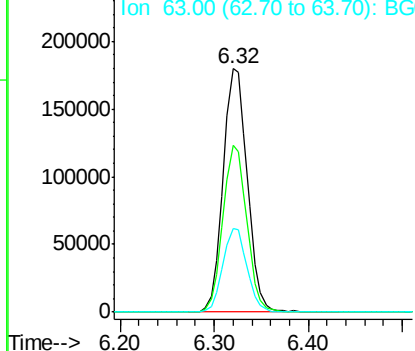
#5

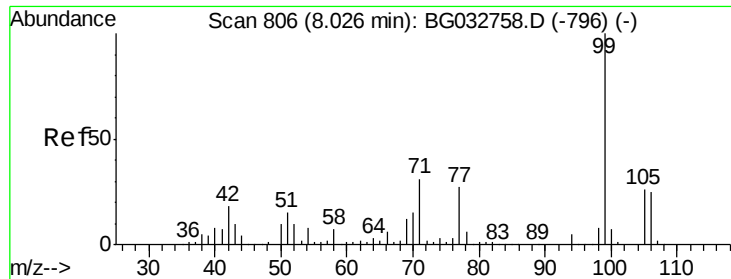
2-Fluorophenol
Concen: 110.103 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Tgt Ion:112 Resp: 322652
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 34.6 30.1 45.1



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: 106.764 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

Instrument :

BNA_G

ClientSampleId :

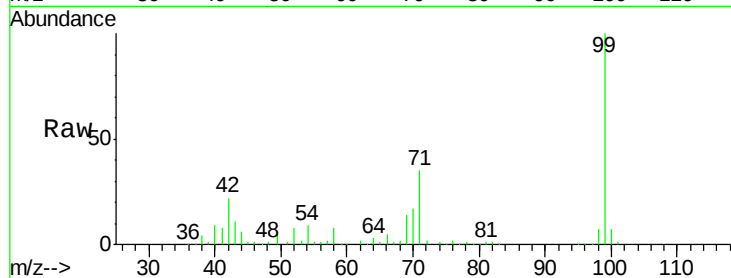
Tot Ion: 99 Resp: 436094

Ion Ratio Lower Upper

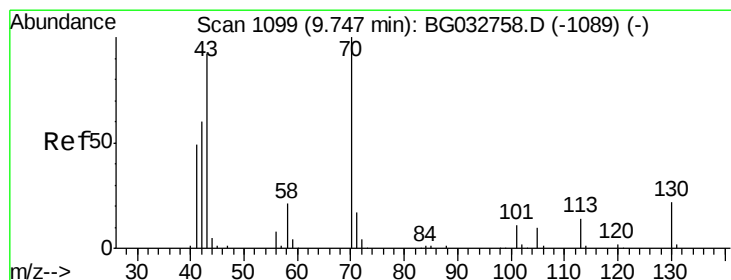
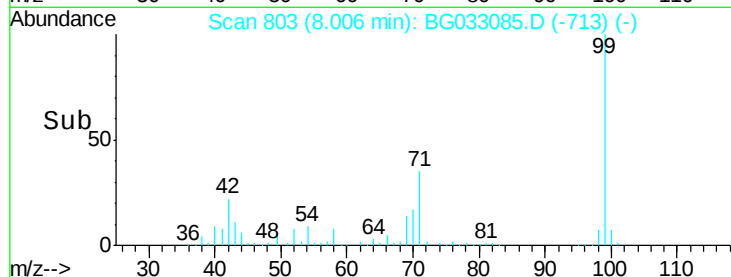
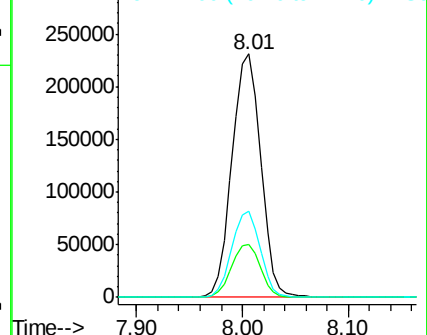
99 100

42 21.9 14.1 21.1#

71 35.2 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.894 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

Tgt Ion: 70 Resp: 34299

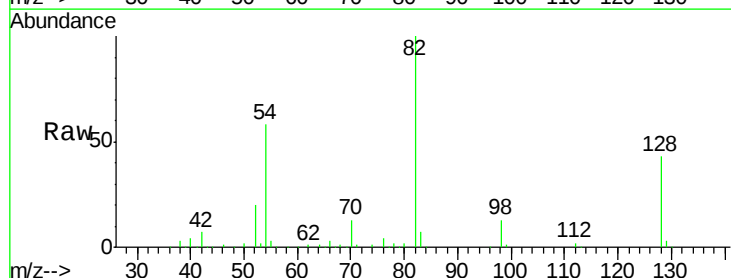
Ion Ratio Lower Upper

70 100

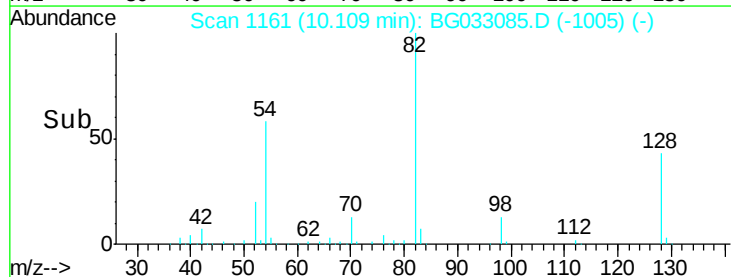
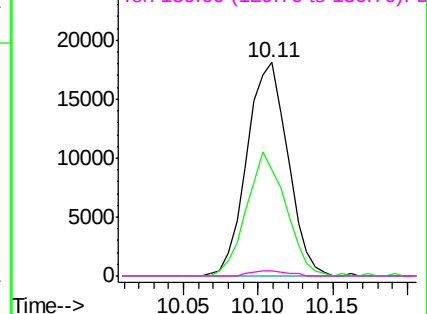
42 49.5 49.1 73.7

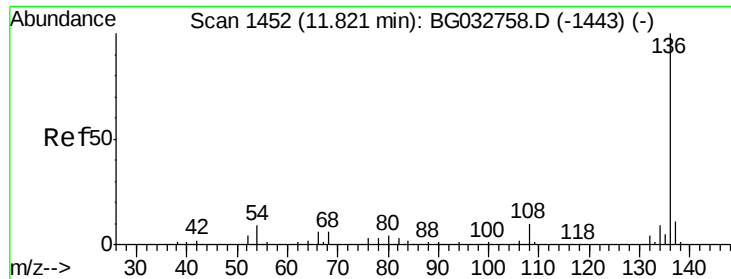
101 0.0 8.5 12.7#

130 2.5 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

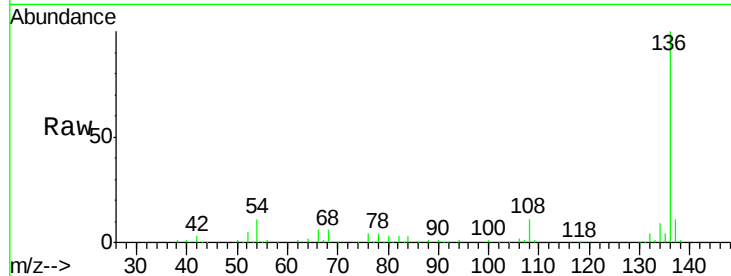




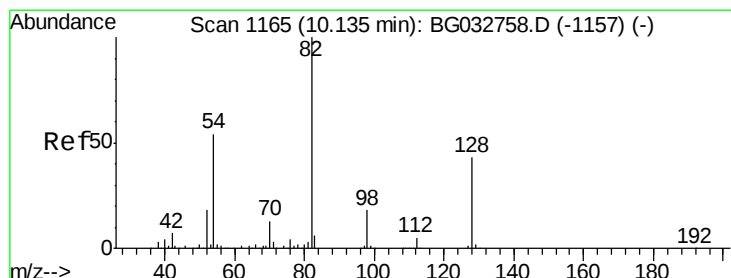
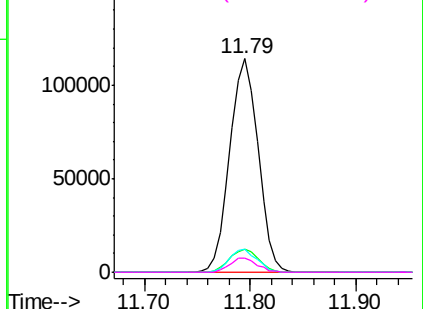
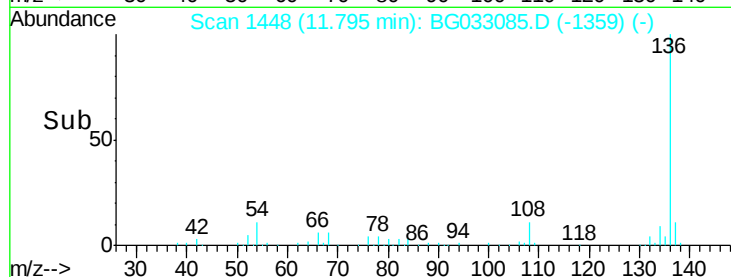
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212672
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	10.9	10.3 15.5
68	6.4	4.5 6.7

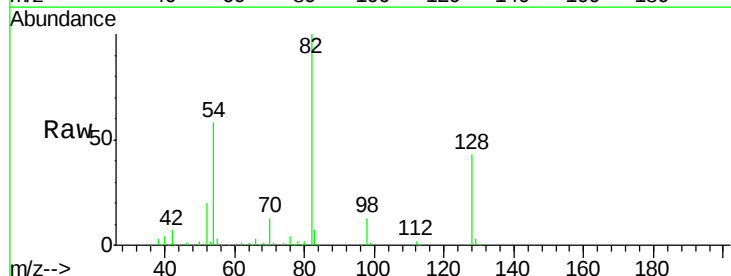


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

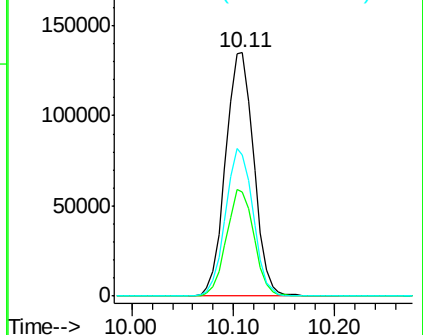
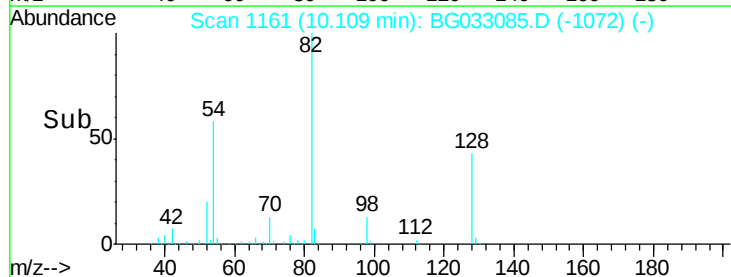


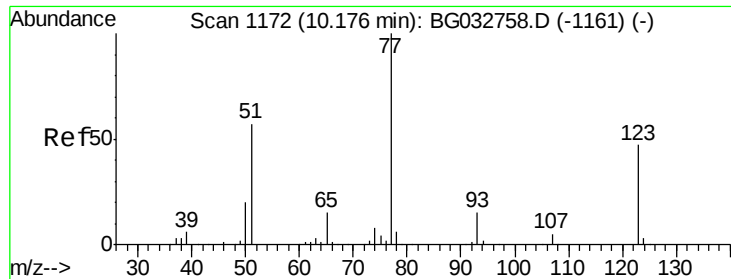
#23
Nitrobenzene-d5
Concen: 85.301 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Tgt Ion: 82	Resp:	261538
Ion	Ratio	Lower Upper
82	100	
128	42.6	29.7 44.5
54	58.3	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

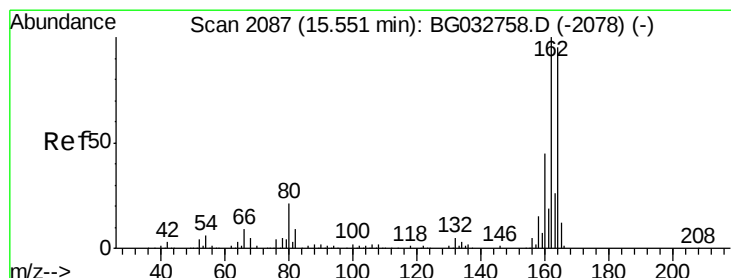
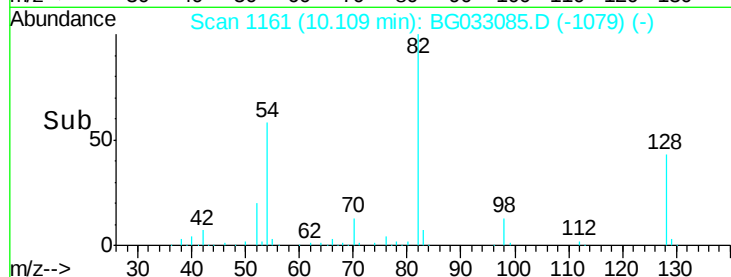
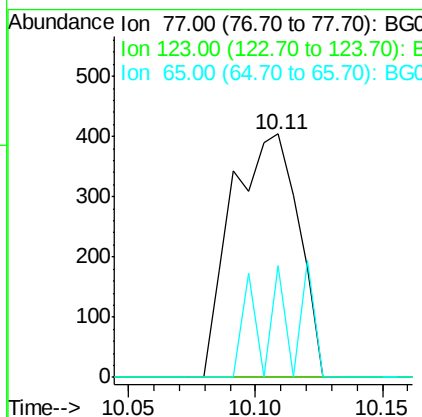
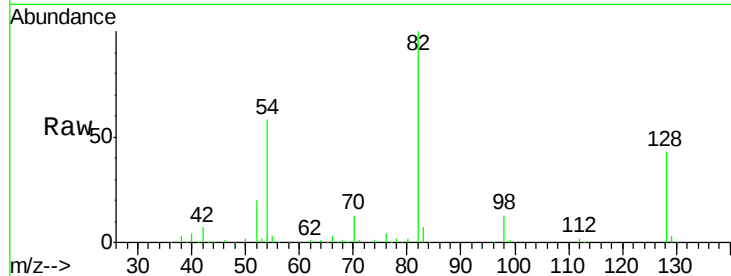




#24
 Nitrobenzene
 Concen: 6.570 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

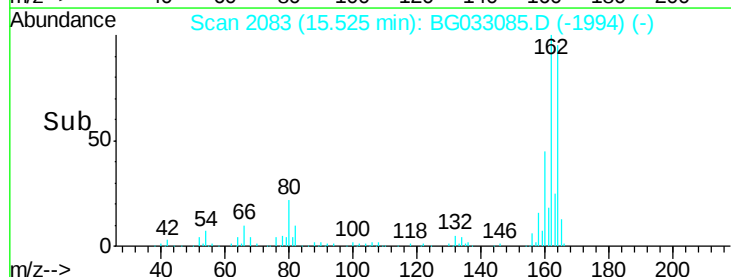
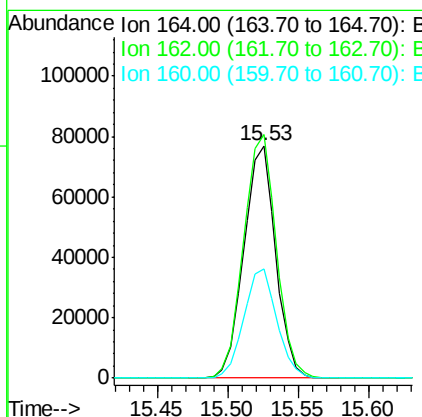
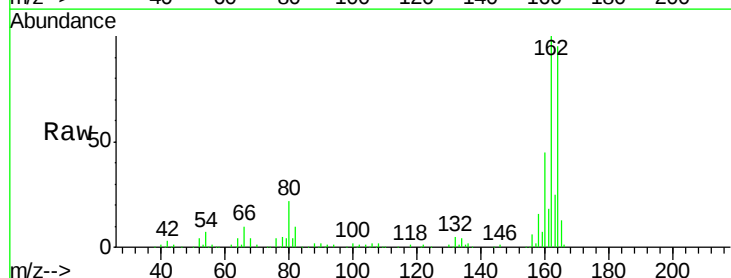
Instrument :
 BNA_G
 ClientSampled :

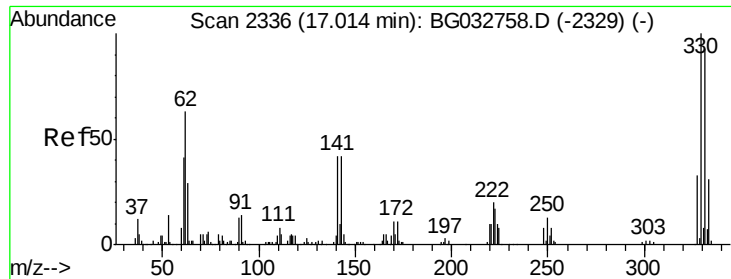
Tot Ion: 77 Resp: 742
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 45.8 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

Tgt Ion:164 Resp: 121314
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 46.9 35.4 53.0

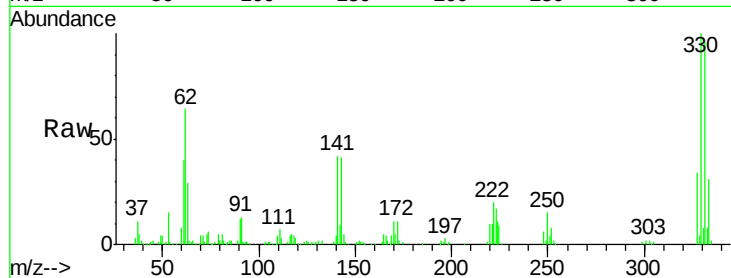




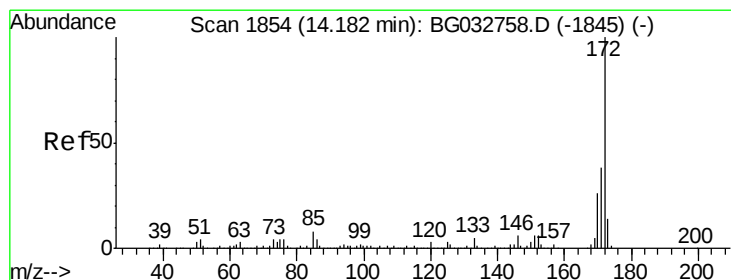
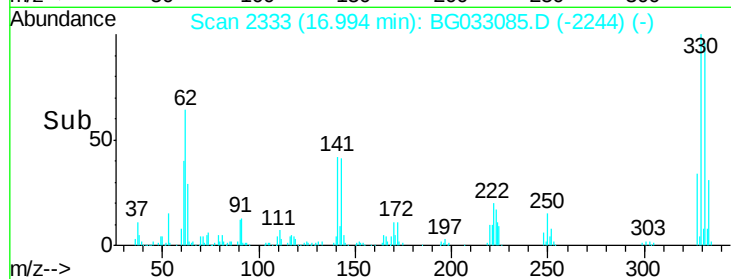
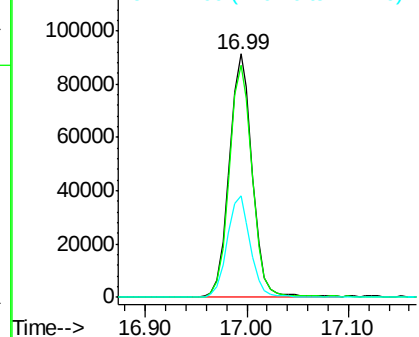
#41
 2,4,6-Tribromophenol
 Concen: 112.436 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 143421
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 42.2 25.2 37.8#

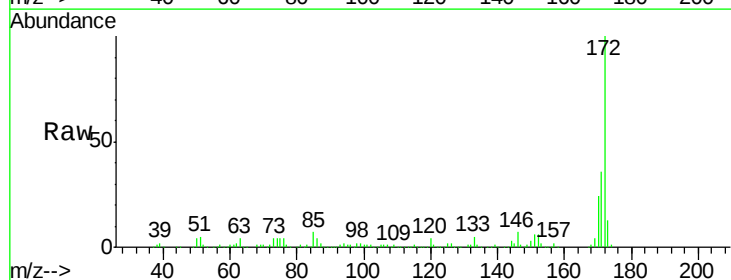


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

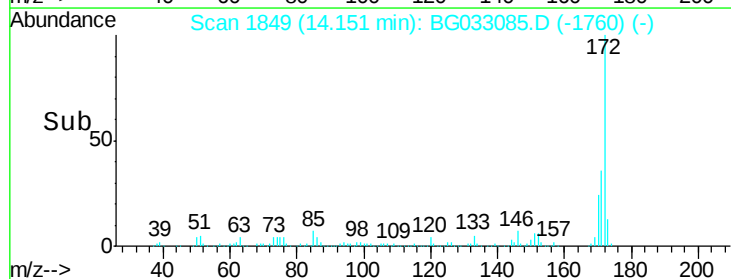
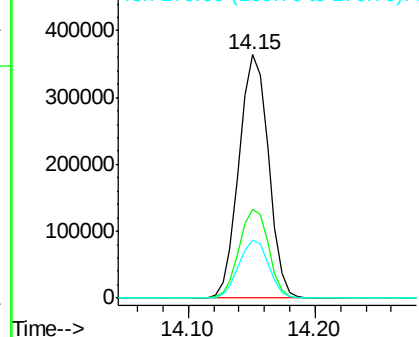


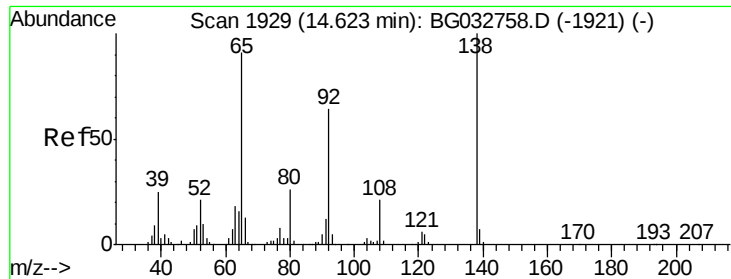
#44
 2-Fluorobiphenyl
 Concen: 69.694 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

Tgt Ion:172 Resp: 586229
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.9 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

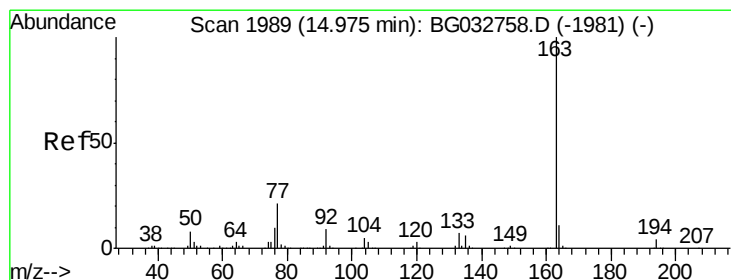
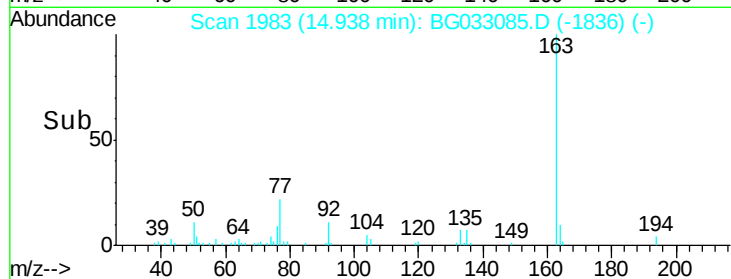
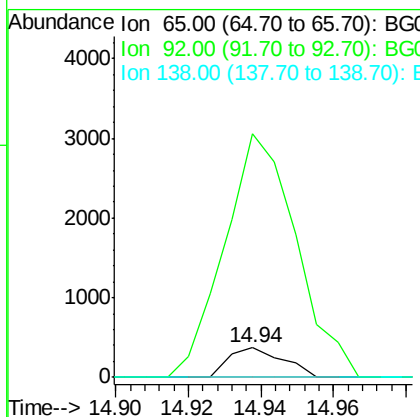
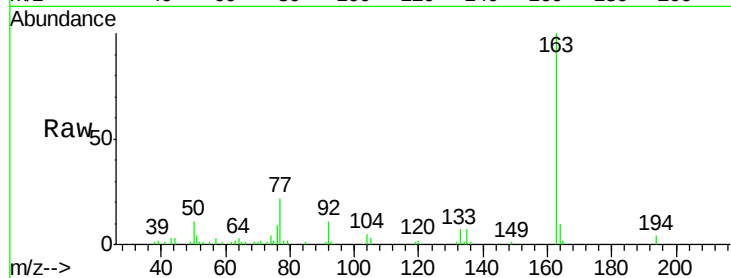




#47
2-Nitroaniline
Concen: 9.989 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.34 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

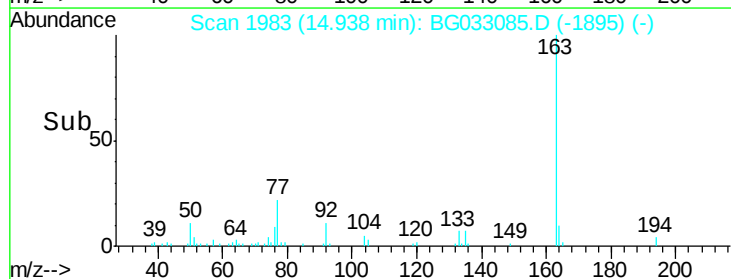
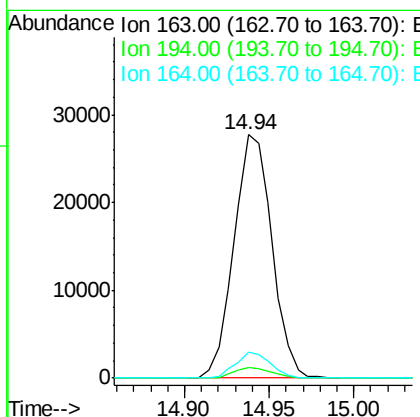
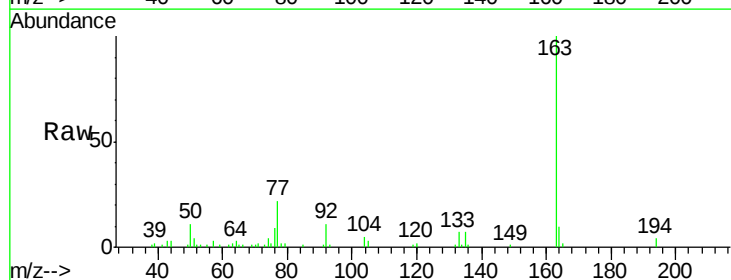
Instrument :
BNA_G
ClientSampleId :

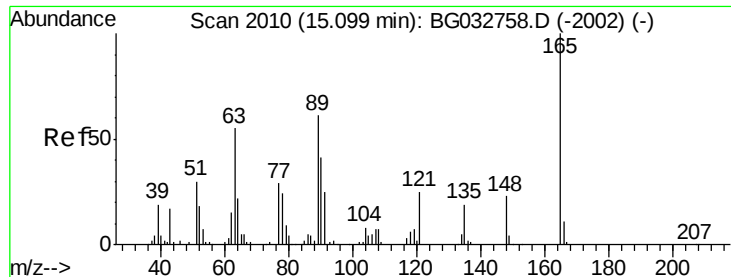
Tot Ion: 65 Resp: 386
Ion Ratio Lower Upper
65 100
92 817.4 54.6 82.0#
138 0.0 72.9 109.3#



#49
Dimethylphthalate
Concen: 4.205 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Tgt Ion:163 Resp: 43310
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 8.2 12.4

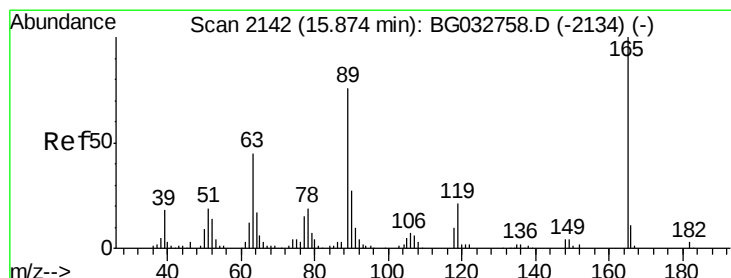
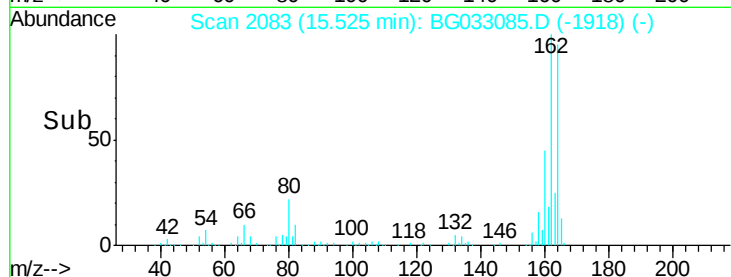
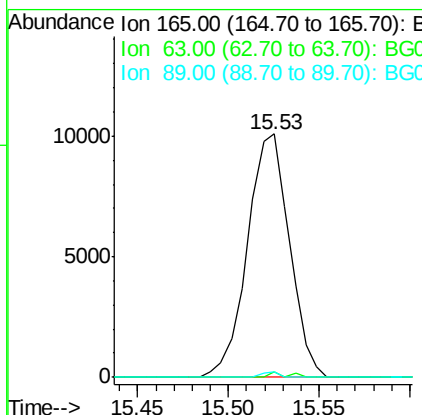
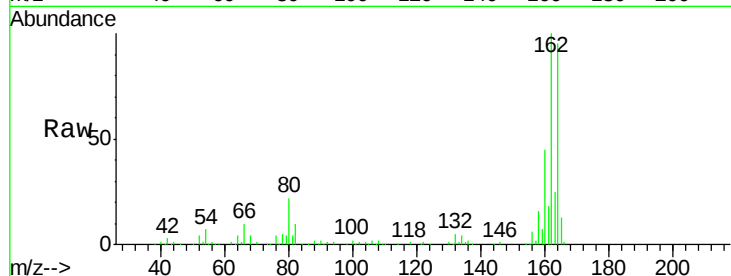




#50
2,6-Dinitrotoluene
Concen: 16.664 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

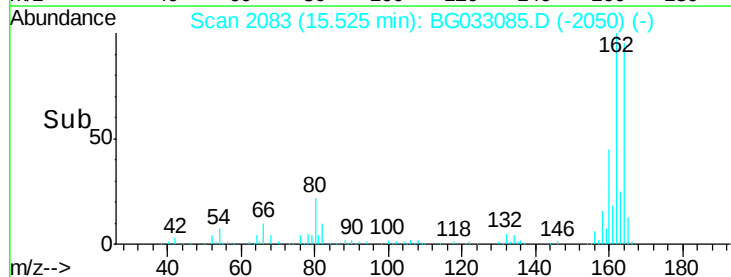
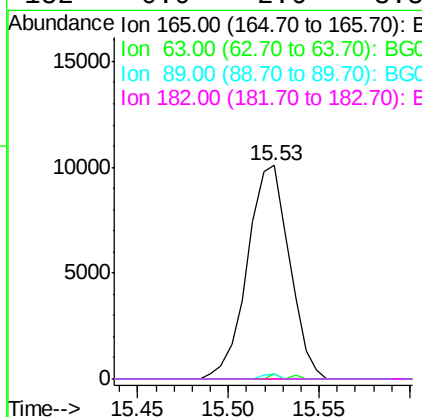
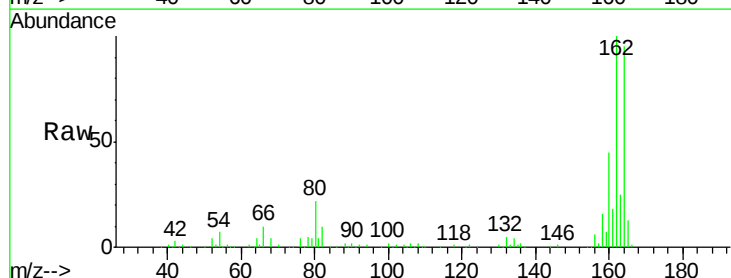
Instrument :
BNA_G
ClientSampled :

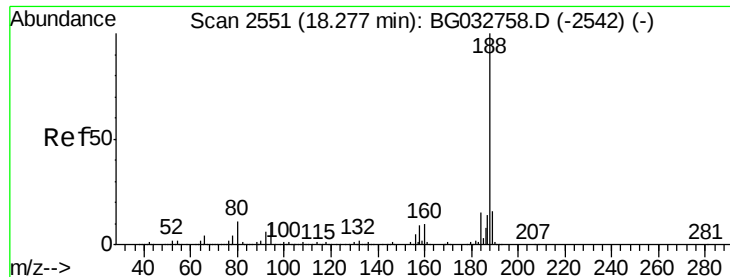
Tot Ion:165 Resp: 16253
Ion Ratio Lower Upper
165 100
63 2.4 52.7 79.1#
89 2.2 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 14.863 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033085.D
Acq: 12 Mar 2018 12:23

Tgt Ion:165 Resp: 16253
Ion Ratio Lower Upper
165 100
63 2.4 42.0 63.0#
89 2.2 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

Instrument :

BNA_G

ClientSampleId :

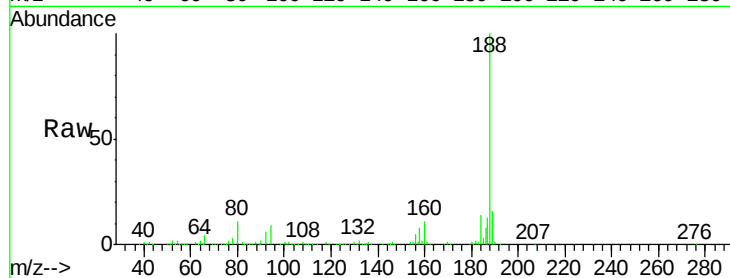
Tot Ion:188 Resp: 278278

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

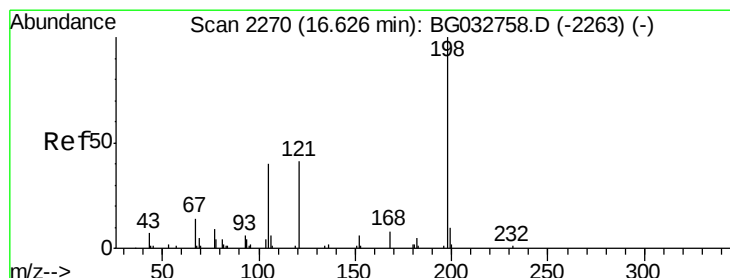
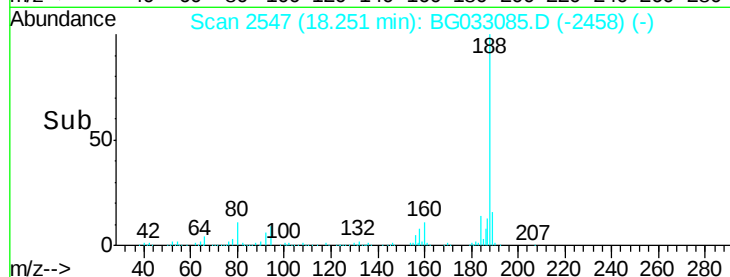
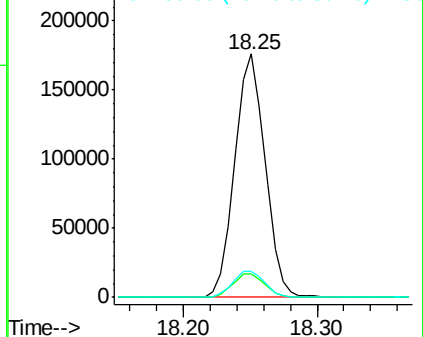
80 10.9 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.535 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.38 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

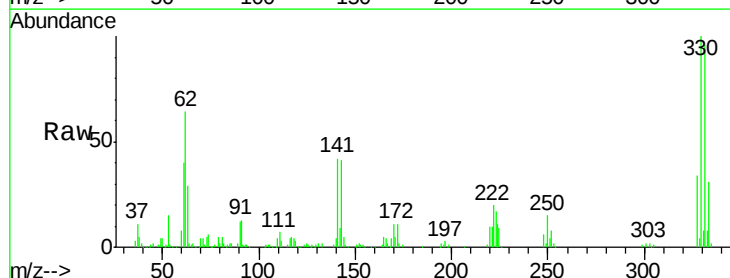
Tgt Ion:198 Resp: 384

Ion Ratio Lower Upper

198 100

51 135.1 30.6 70.6#

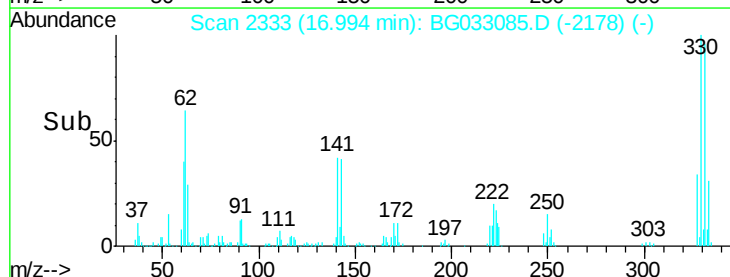
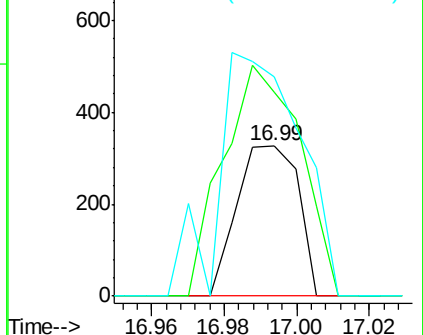
105 145.7 23.8 63.8#

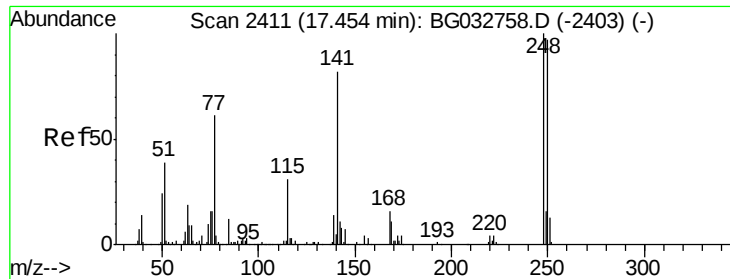


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

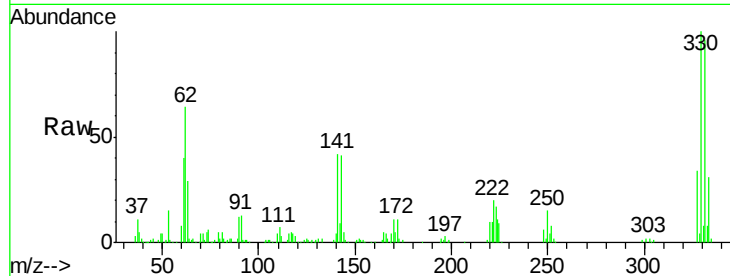




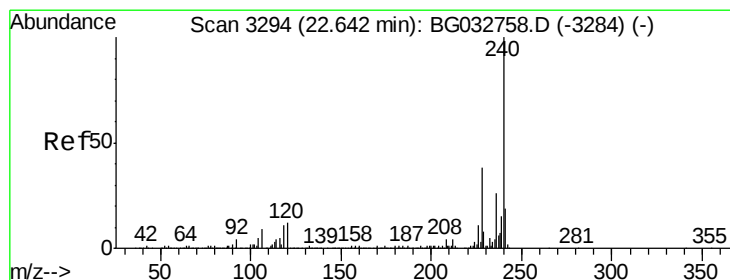
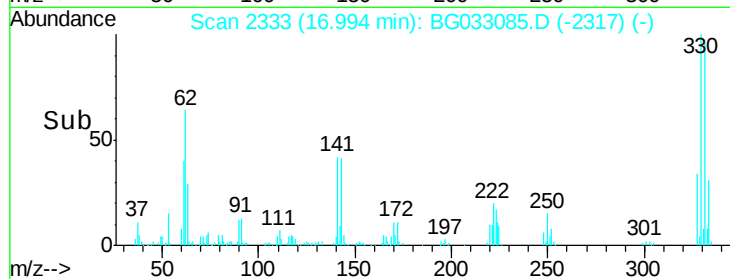
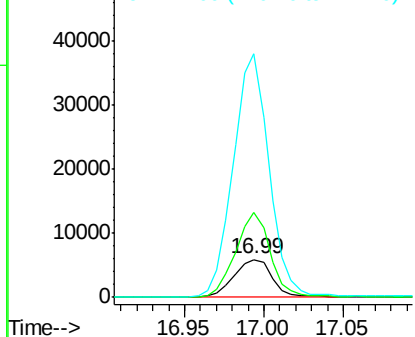
#66
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9890
 Ion Ratio Lower Upper
 248 100
 250 225.0 77.1 115.7#
 141 646.1 50.8 76.2#

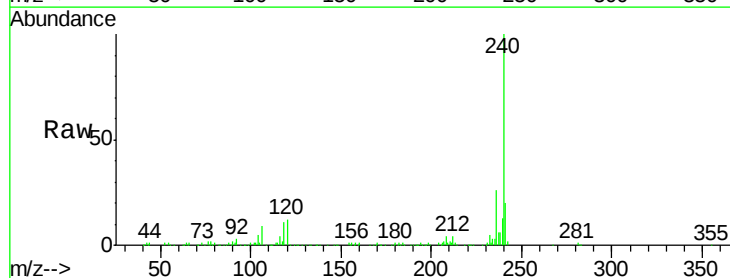


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

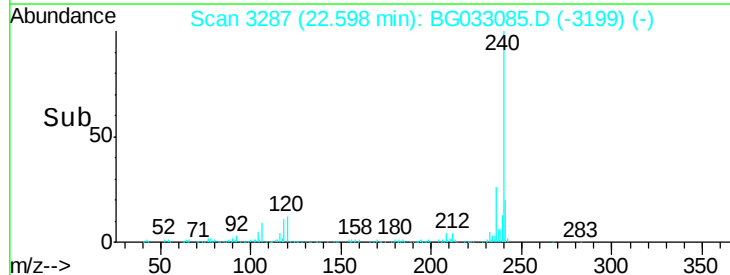
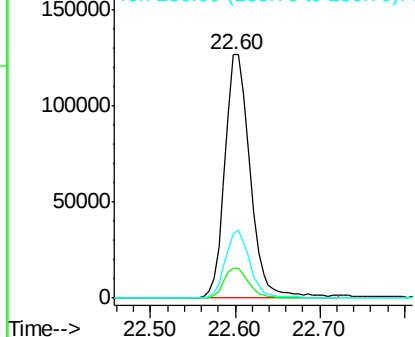


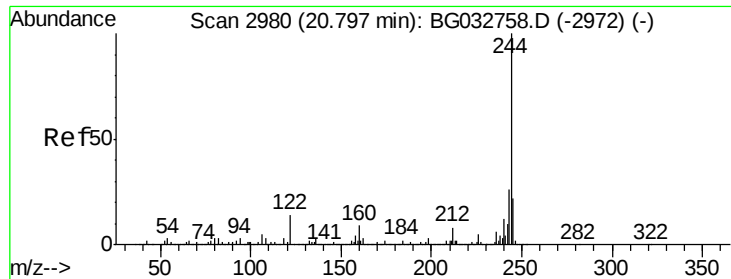
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033085.D
 Acq: 12 Mar 2018 12:23

Tgt Ion:240 Resp: 263453
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.8 10.2#
 236 26.4 20.9 31.3



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





#78

Terphenyl-d14

Concen: 75.029 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

Instrument :

BNA_G

ClientSampleId :

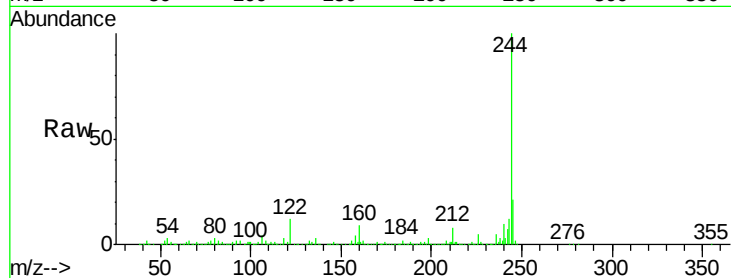
Tot Ion:244 Resp: 879796

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

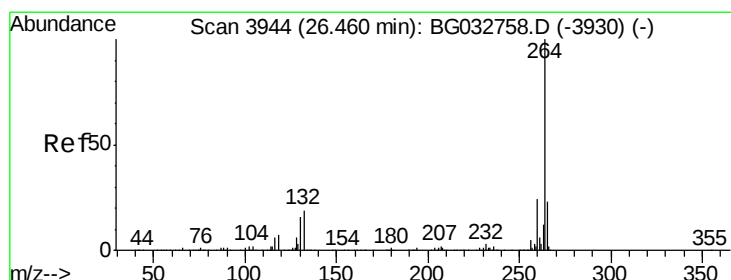
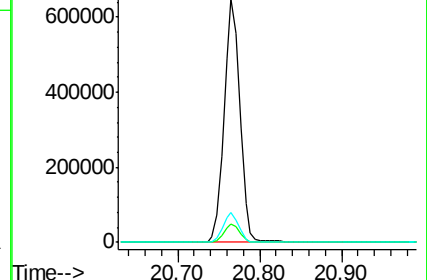
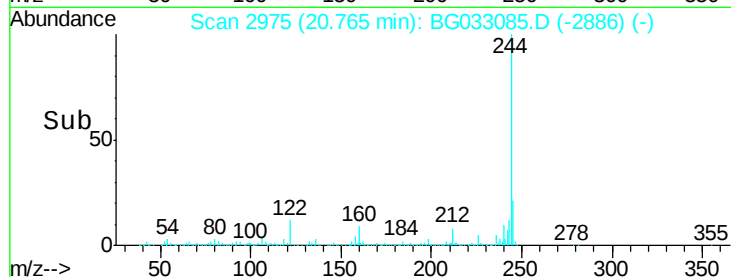
122 12.0 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033085.D

Acq: 12 Mar 2018 12:23

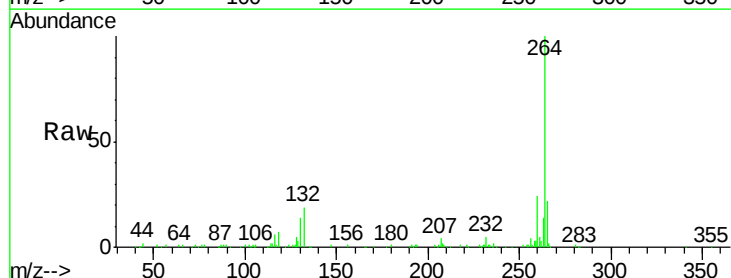
Tgt Ion:264 Resp: 258127

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

