

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033116.D
 Acq On : 13 Mar 2018 12:43
 Operator : SJ/JU
 Sample : J1873-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 14:29:55 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	8.91	152	49715	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	212356	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	114711	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	255734	20.00	ng	0.00
75) Chrysene-d12	22.60	240	254580	20.00	ng	0.00
86) Perylene-d12	26.40	264	252550	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	320395	103.10	ng	0.00
7) Phenol-d6	8.01	99	424706	98.05	ng	0.00
23) Nitrobenzene-d5	10.11	82	262180	85.60	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	144323	119.66	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	563652	70.87	ng	0.00
78) Terphenyl-d14	20.77	244	838610	74.01	ng	0.00

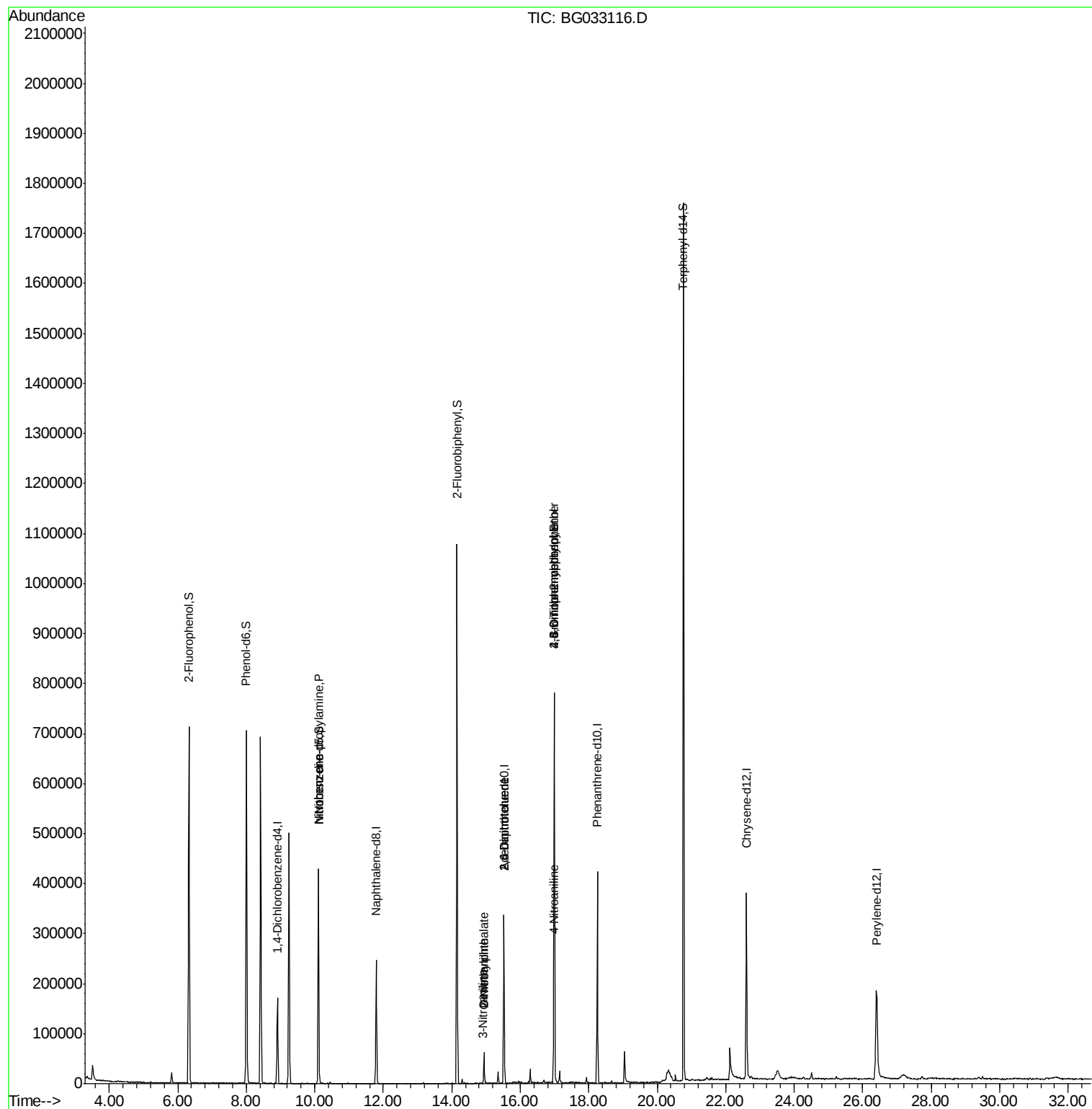
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	34317	11.223	ng	# 88
24) Nitrobenzene	10.11	77	804	6.586	ng	# 42
47) 2-Nitroaniline	14.94	65	398	10.003	ng	# 1
49) Dimethylphthalate	14.94	163	40099	4.117	ng	# 98
50) 2,6-Dinitrotoluene	15.52	165	15001	16.478	ng	# 20
52) 3-Nitroaniline	14.90	138	60	7.569	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	15001	14.677	ng	# 17
61) 4-Nitroaniline	16.97	138	68	5.328	ng	# 27
64) 4,6-Dinitro-2-methylphenol	16.99	198	385	5.589	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	9751	3.606	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033116.D
Acq On : 13 Mar 2018 12:43
Operator : SJ/JU
Sample : J1873-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 14:29:55 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



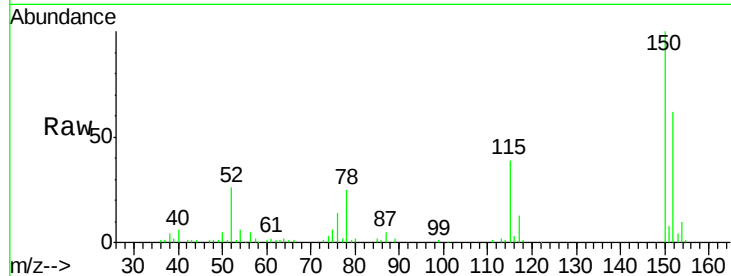


#1

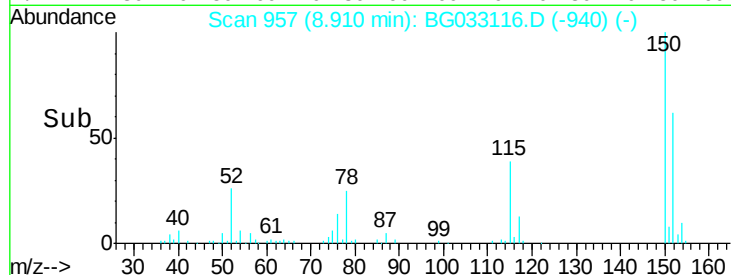
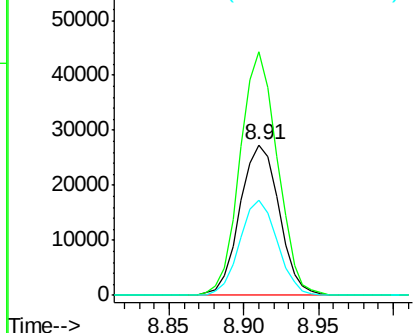
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	63.6	53.0	79.4



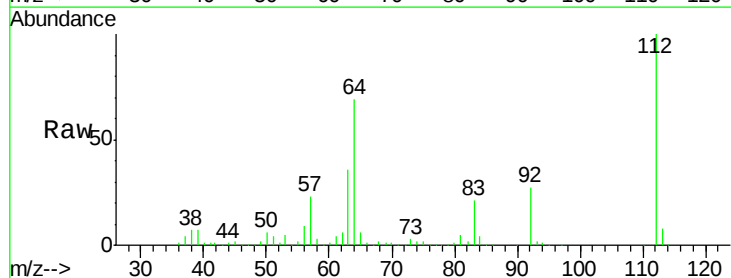
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



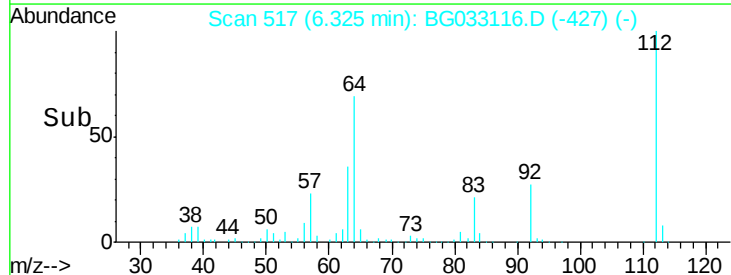
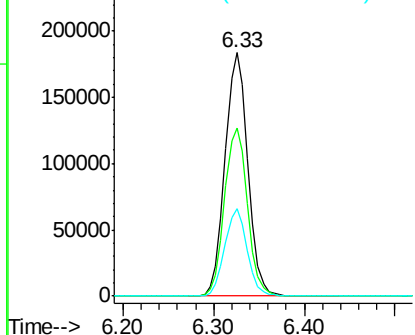
#5

2-Fluorophenol
Concen: 103.105 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.3	84.5
63	36.1	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.053 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

Instrument :

BNA_G

ClientSampleId :

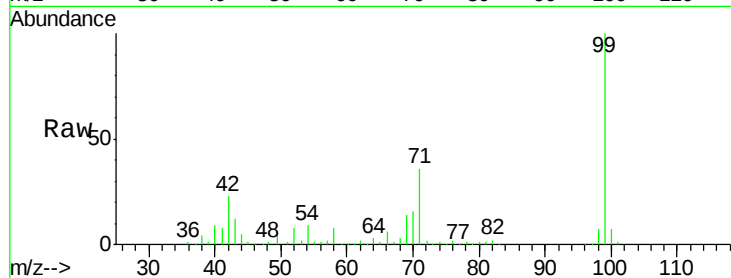
Tot Ion: 99 Resp: 424706

Ion Ratio Lower Upper

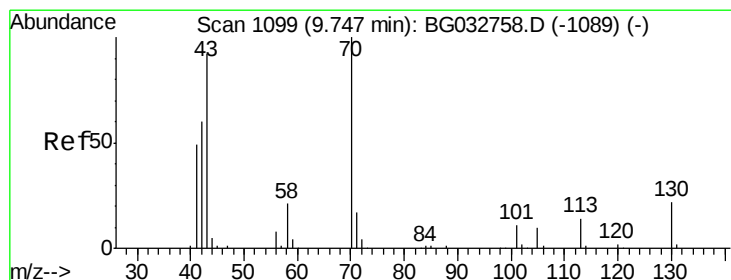
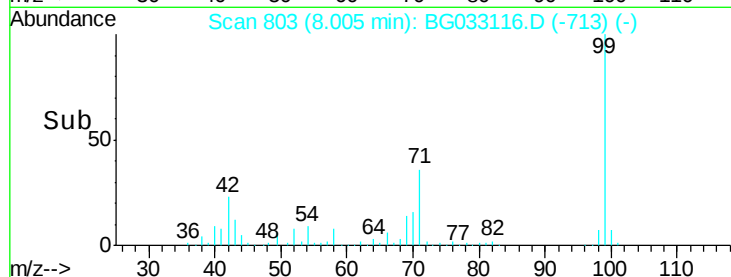
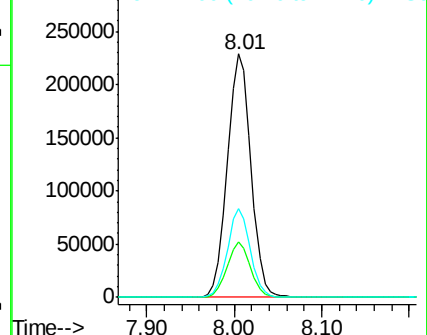
99 100

42 22.7 14.1 21.1#

71 36.4 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: 11.223 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

Tgt Ion: 70 Resp: 34317

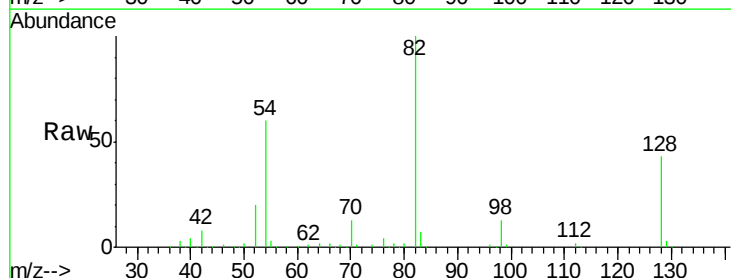
Ion Ratio Lower Upper

70 100

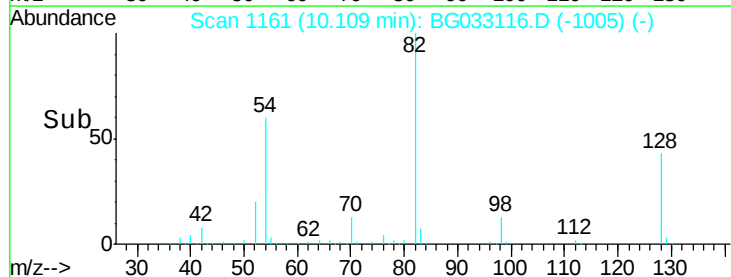
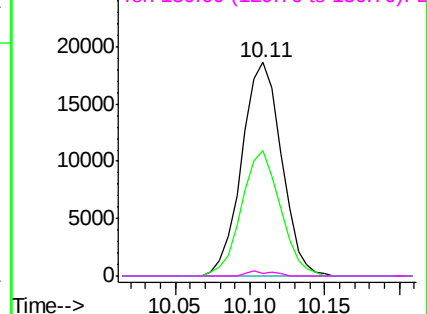
42 58.8 49.1 73.7

101 0.0 8.5 12.7#

130 1.3 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

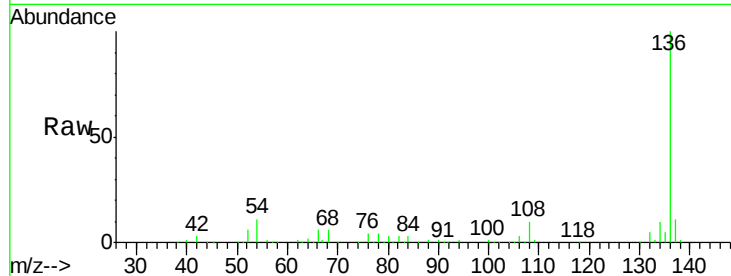




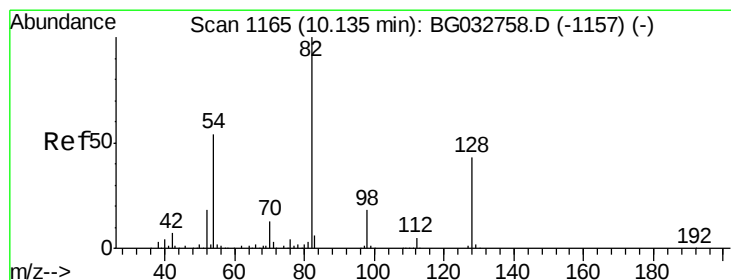
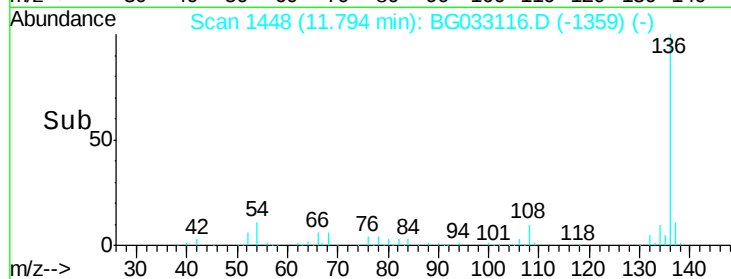
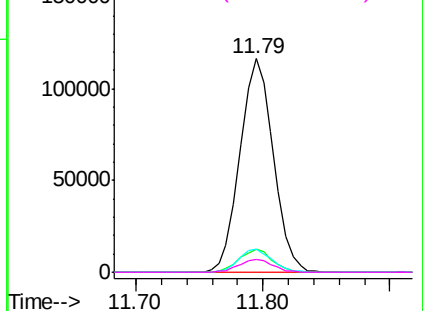
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212356
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	10.9	10.3 15.5
68	6.2	4.5 6.7

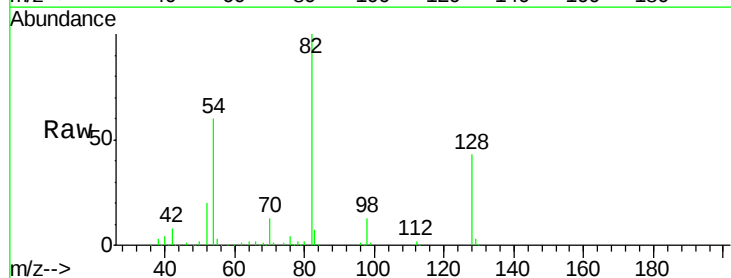


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

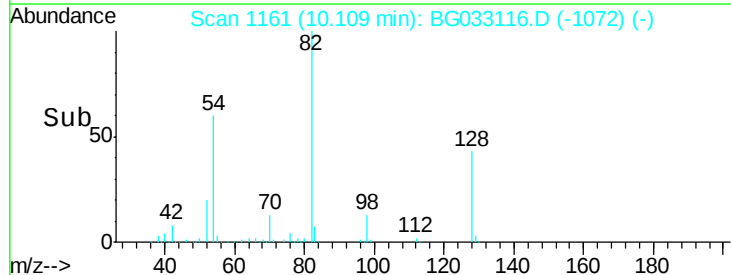
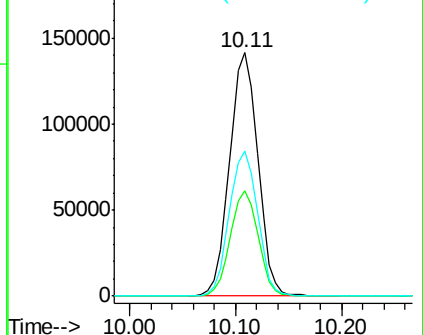


#23
Nitrobenzene-d5
Concen: 85.598 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Tgt Ion: 82	Resp:	262180
Ion Ratio	Lower	Upper
82	100	
128	43.0	29.7 44.5
54	59.5	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

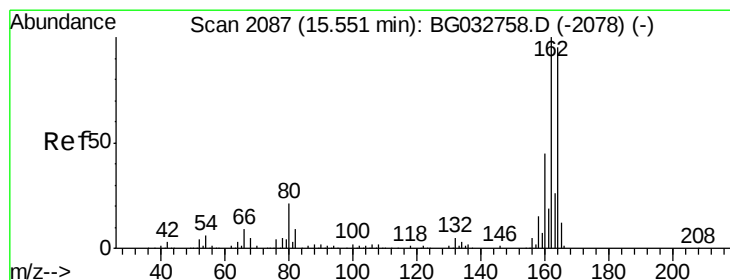
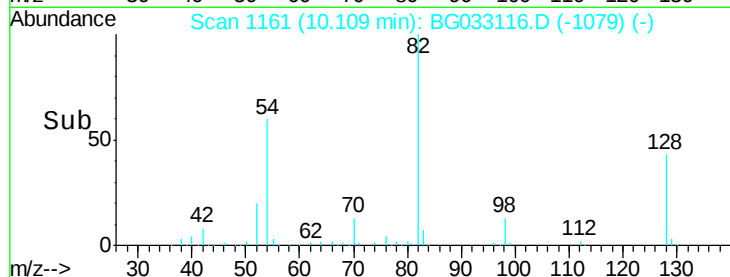
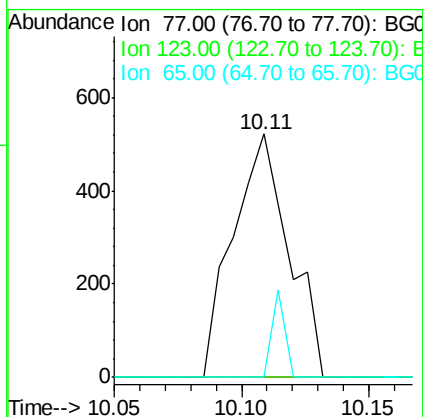
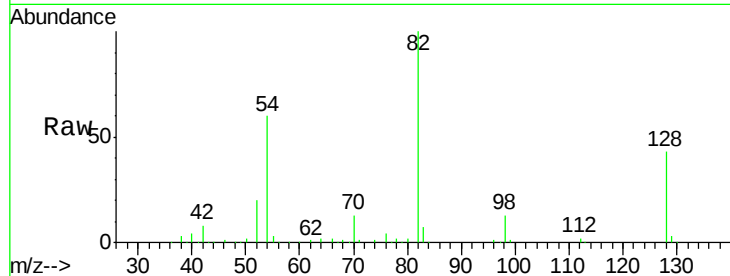




#24
 Nitrobenzene
 Concen: 6.586 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

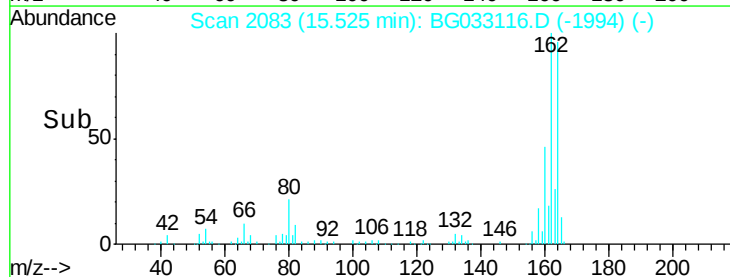
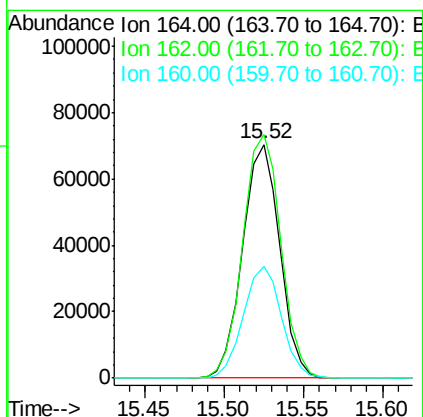
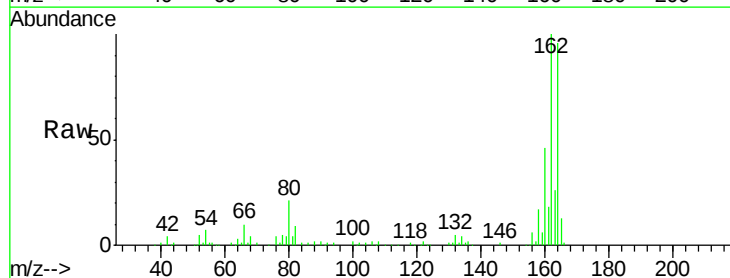
Instrument :
 BNA_G
 ClientSampled :

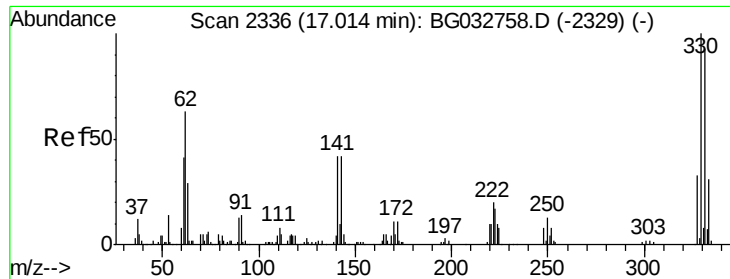
Tot Ion: 77 Resp: 804
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Tgt Ion:164 Resp: 114711
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 47.8 35.4 53.0

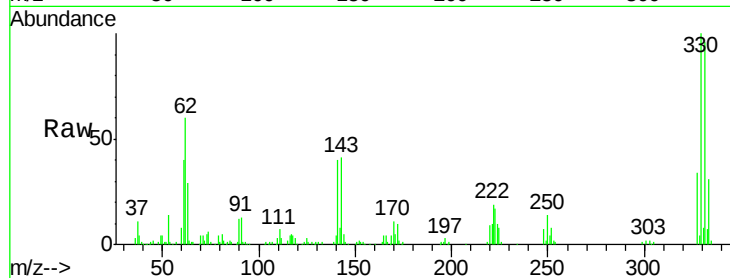




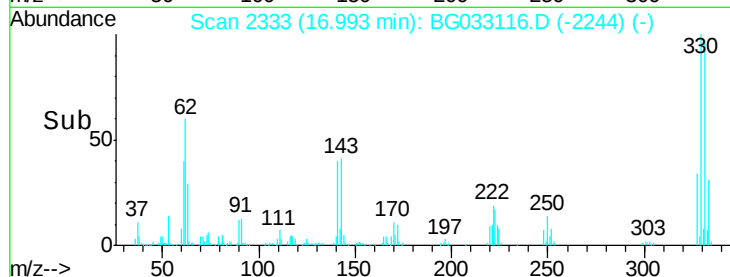
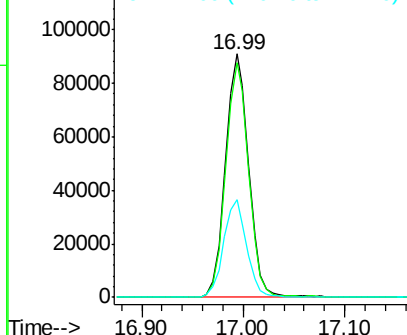
#41
 2,4,6-Tribromophenol
 Concen: 119.656 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 144323
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.3 25.2 37.8#

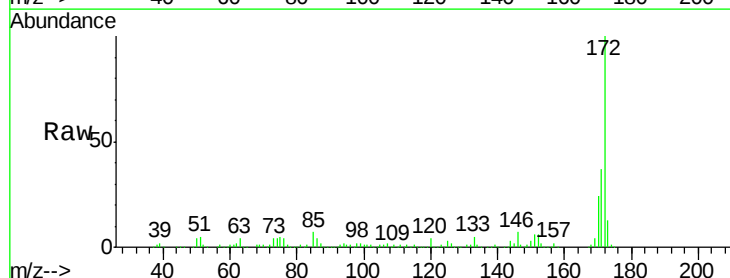


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

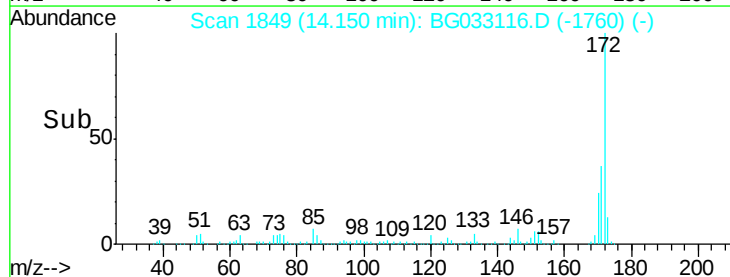
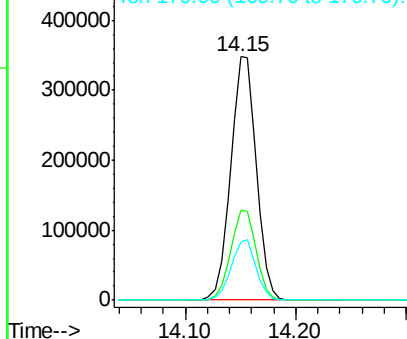


#44
 2-Fluorobiphenyl
 Concen: 70.868 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Tgt Ion:172 Resp: 563652
 Ion Ratio Lower Upper
 172 100
 171 37.0 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: 10.003 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.34 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

Instrument :

BNA_G

ClientSampleId :

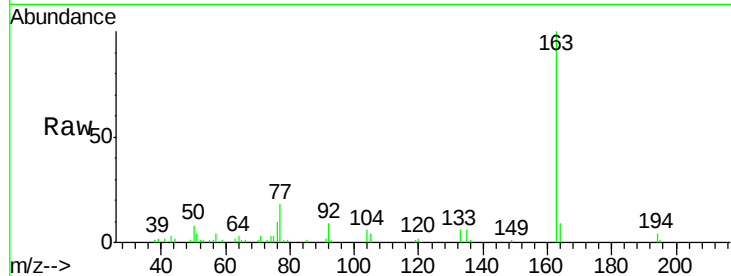
Tot Ion: 65 Resp: 398

Ion Ratio Lower Upper

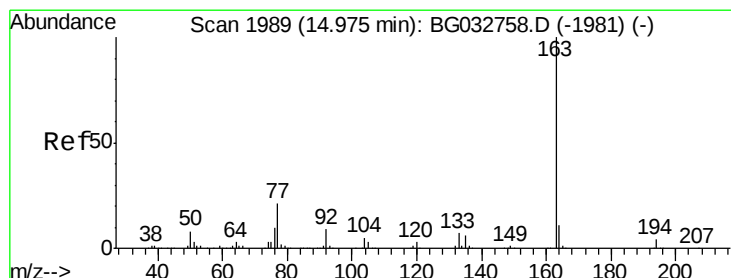
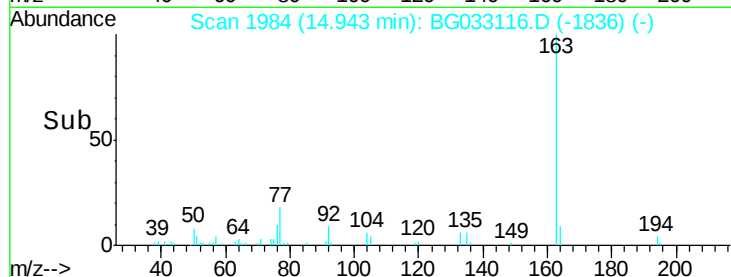
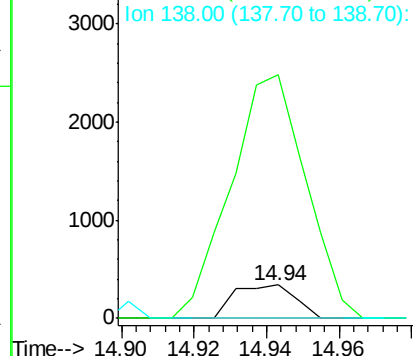
65 100

92 733.4 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Dimethylphthalate

Concen: 4.117 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

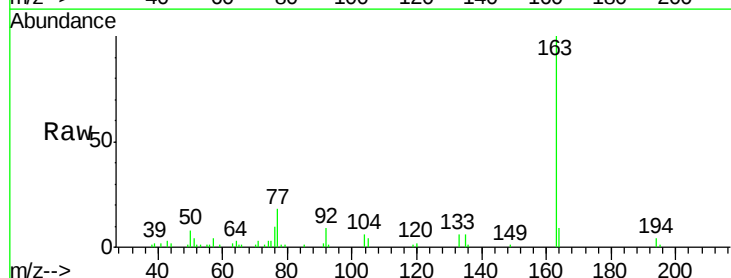
Tgt Ion:163 Resp: 40099

Ion Ratio Lower Upper

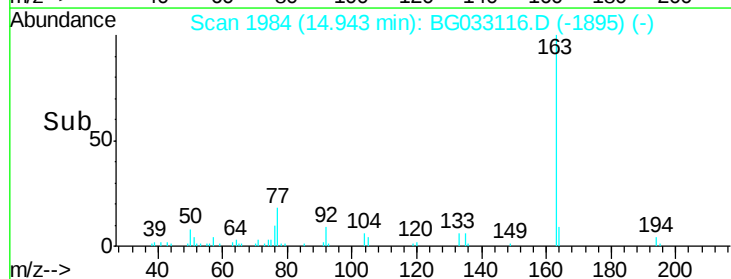
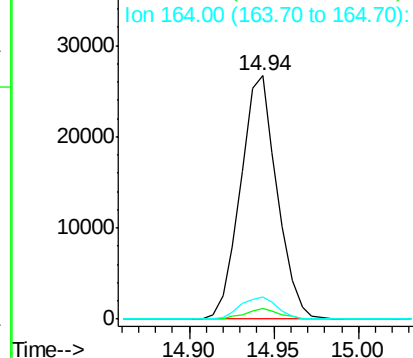
163 100

194 4.3 3.4 5.2

164 9.4 8.2 12.4



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

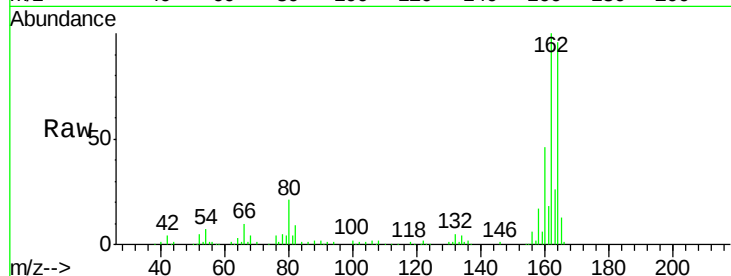




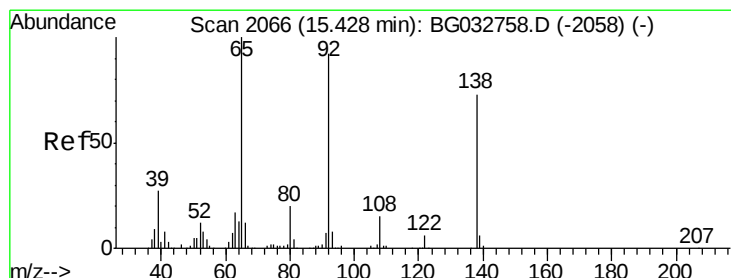
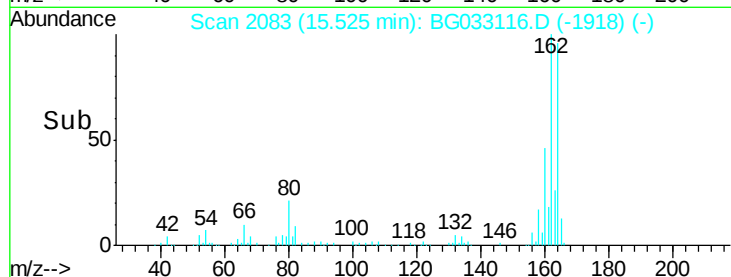
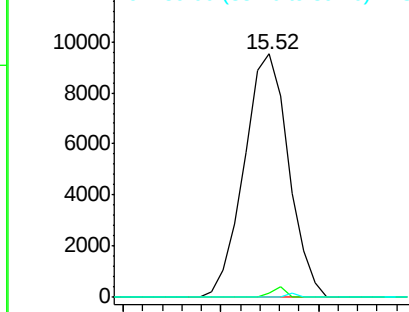
#50
 2,6-Dinitrotoluene
 Concen: 16.478 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. 0.44 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15001
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 0.0 49.2 73.8#

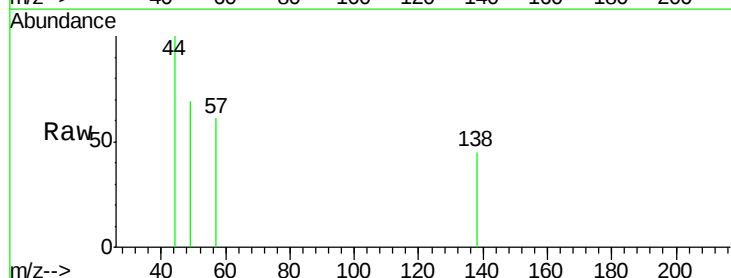


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

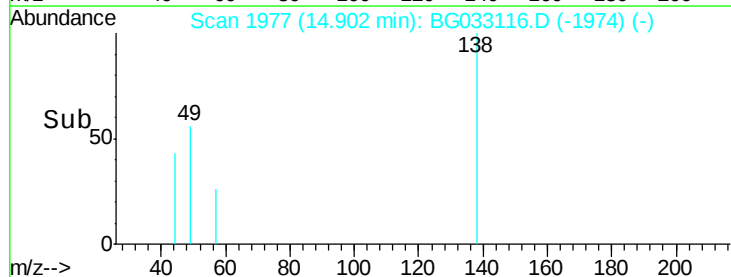
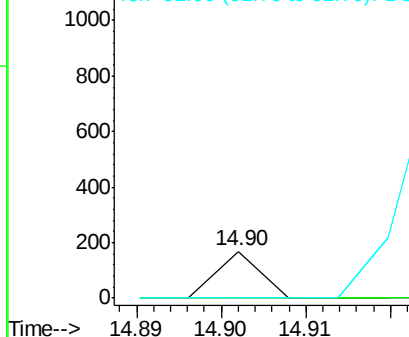


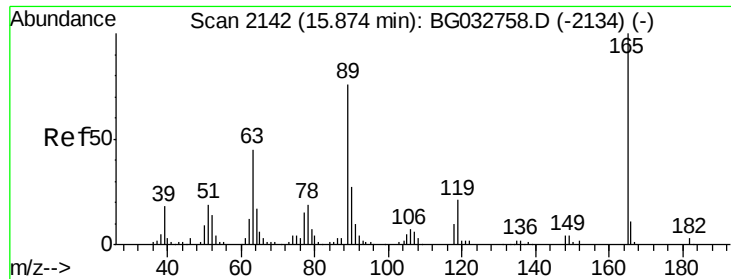
#52
 3-Nitroaniline
 Concen: 7.569 ng
 RT: 14.90 min Scan# 1977
 Delta R.T. -0.51 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Tgt Ion:138 Resp: 60
 Ion Ratio Lower Upper
 138 100
 108 0.0 17.5 26.3#
 92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGO

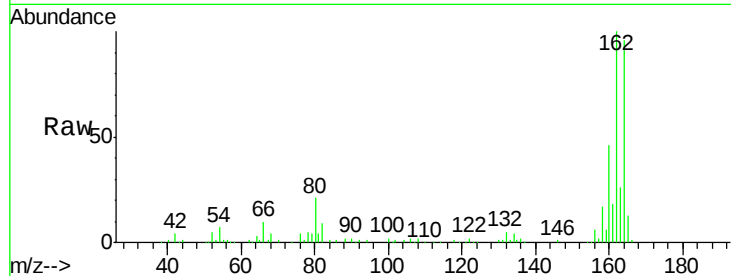




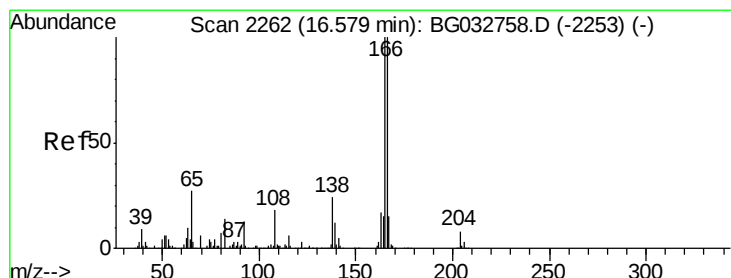
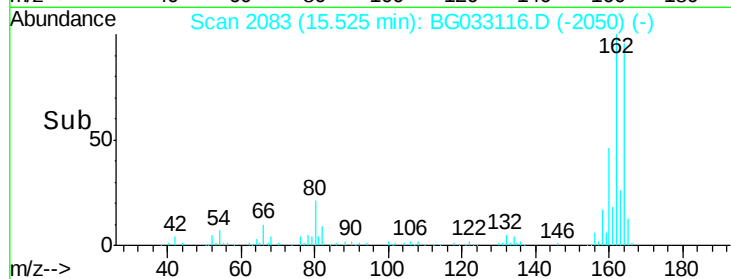
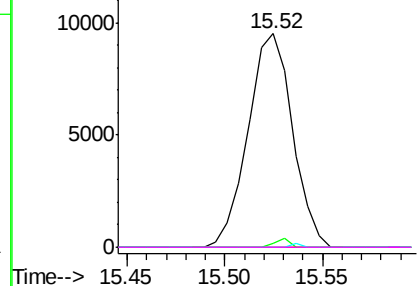
#56
 2,4-Dinitrotoluene
 Concen: 14.677 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	15001
Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

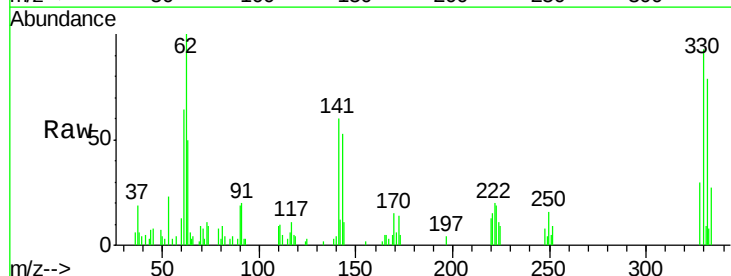


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

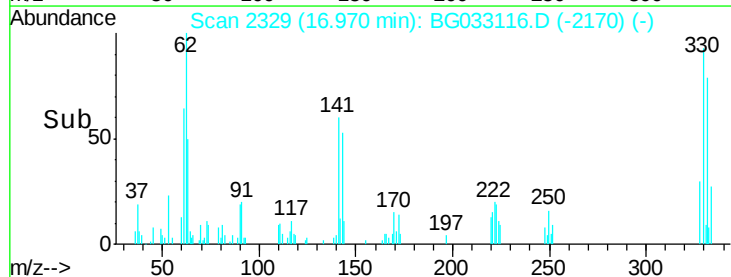
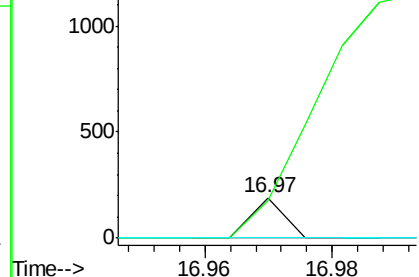


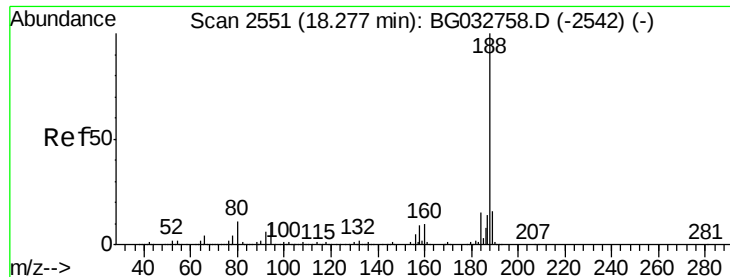
#61
 4-Nitroaniline
 Concen: 5.328 ng
 RT: 16.97 min Scan# 2329
 Delta R.T. 0.41 min
 Lab File: BG033116.D
 Acq: 13 Mar 2018 12:43

Tgt Ion:	138	Resp:	68
Ion	Ratio	Lower	Upper
138	100		
92	93.8	40.1	80.1#
108	0.0	65.4	105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

Instrument :

BNA_G

ClientSampleId :

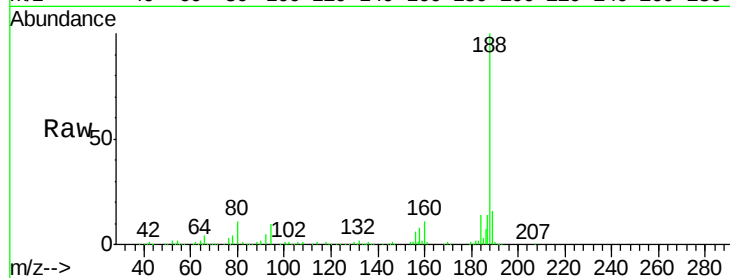
Tot Ion:188 Resp: 255734

Ion Ratio Lower Upper

188 100

94 10.4 6.9 10.3#

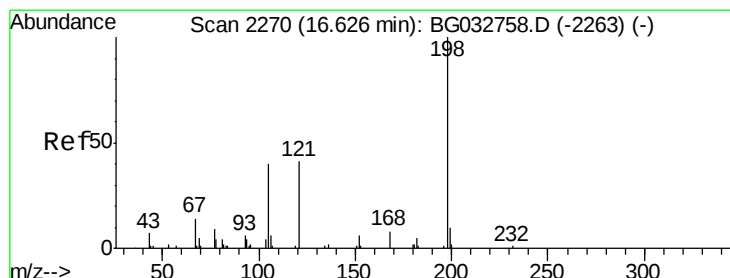
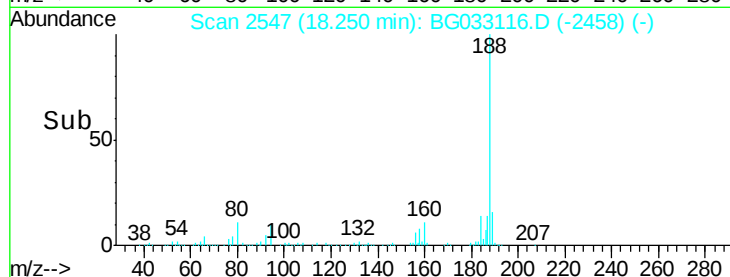
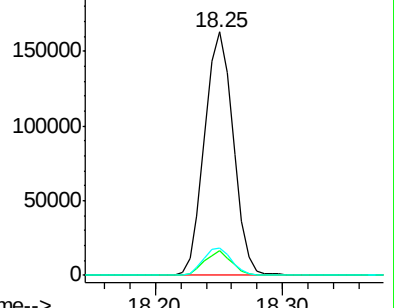
80 11.0 7.7 11.5



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: 5.589 ng

RT: 16.99 min Scan# 2332

Delta R.T. 0.38 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

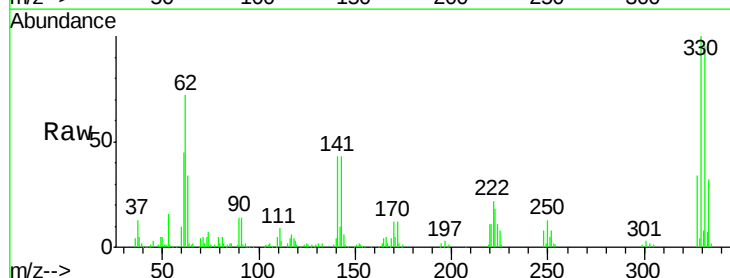
Tgt Ion:198 Resp: 385

Ion Ratio Lower Upper

198 100

51 167.0 30.6 70.6#

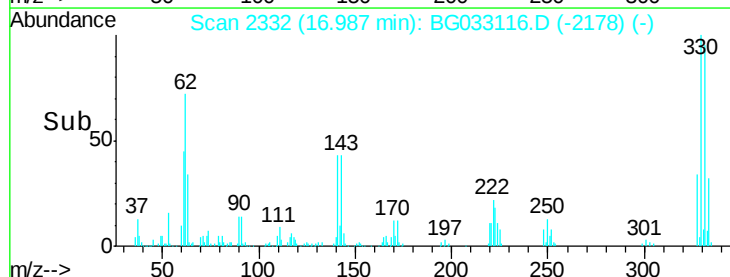
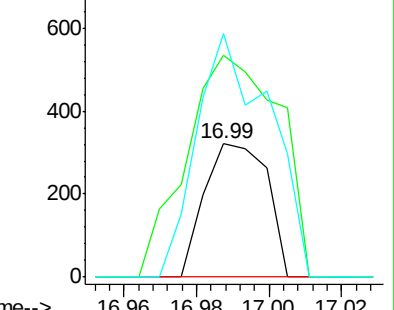
105 182.9 23.8 63.8#

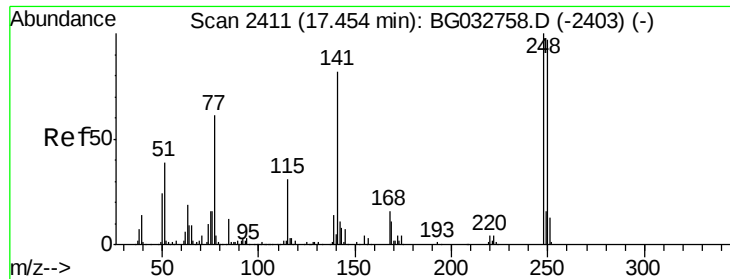


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

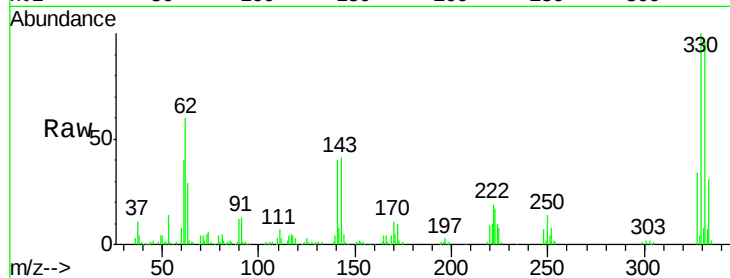




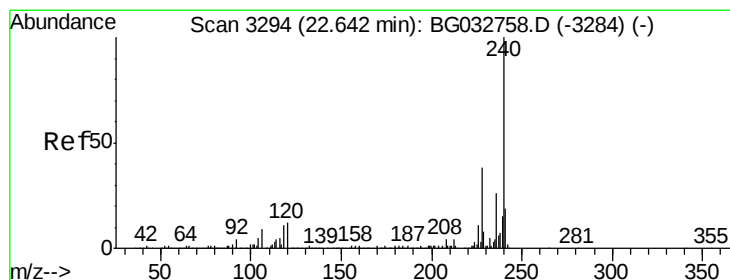
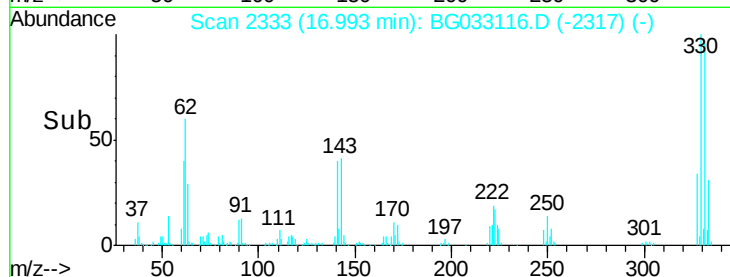
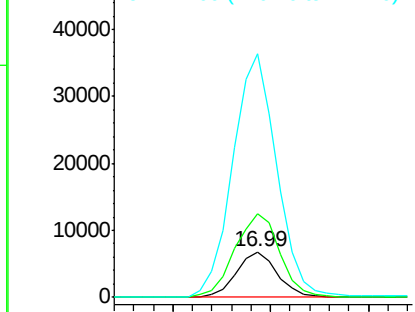
#66
4-Bromophenyl-phenylether
Concen: 3.606 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 9751
Ion Ratio Lower Upper
248 100
250 185.6 77.1 115.7#
141 536.6 50.8 76.2#

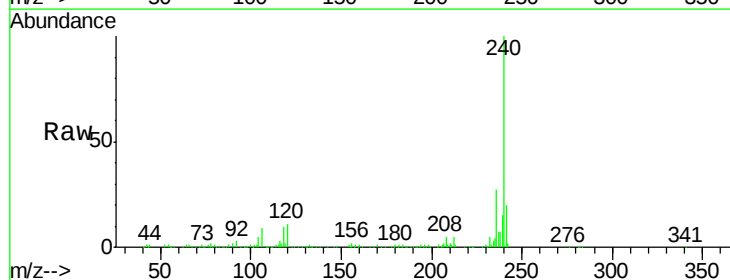


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

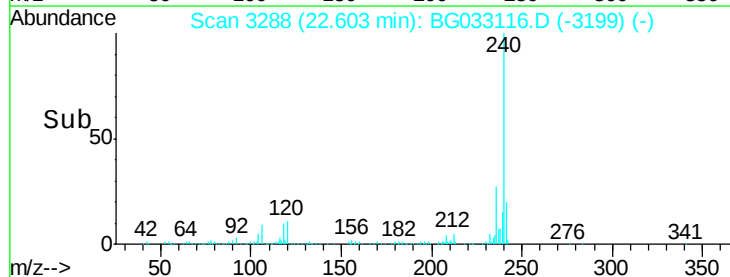
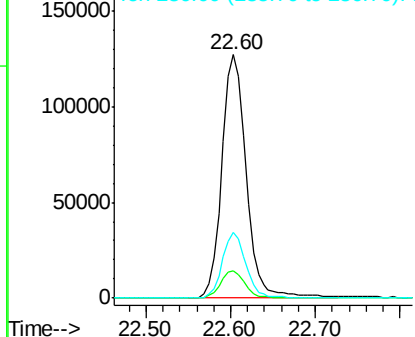


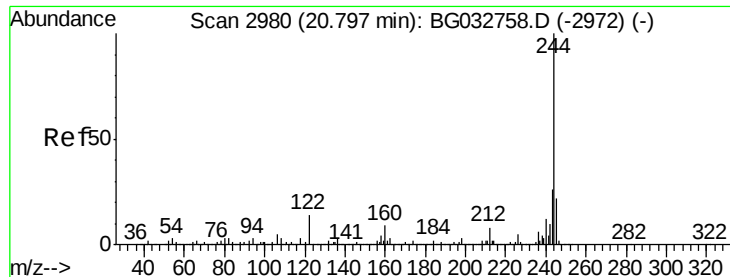
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033116.D
Acq: 13 Mar 2018 12:43

Tgt Ion:240 Resp: 254580
Ion Ratio Lower Upper
240 100
120 11.1 6.8 10.2#
236 27.2 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: 74.009 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

Instrument :

BNA_G

ClientSampleId :

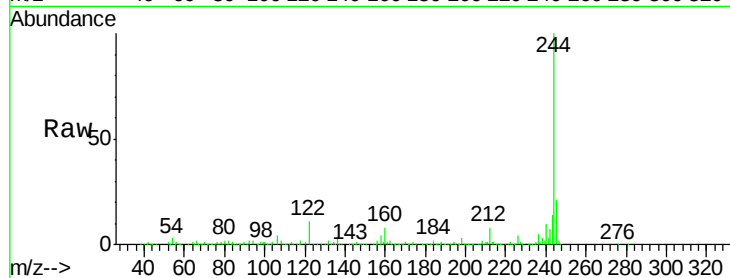
Tot Ion:244 Resp: 838610

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

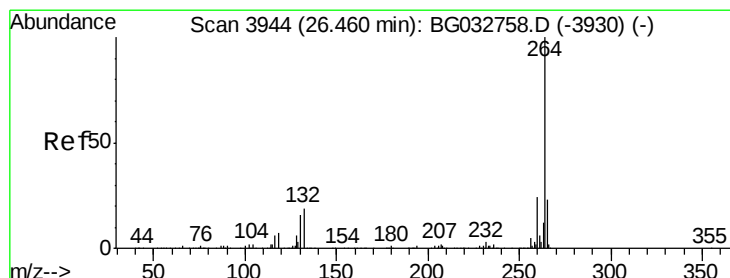
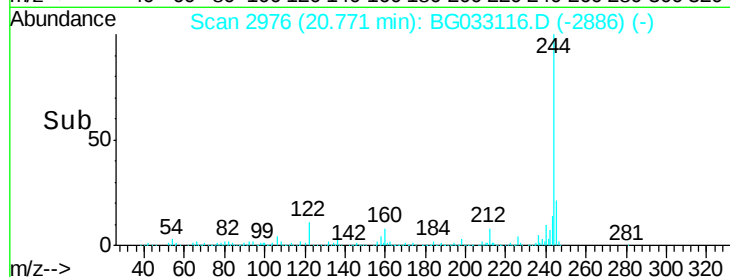
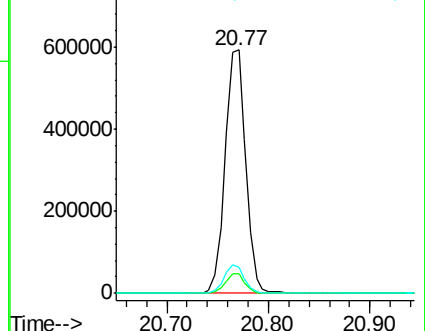
122 10.8 7.0 10.4#



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# 3935

Delta R.T. -0.00 min

Lab File: BG033116.D

Acq: 13 Mar 2018 12:43

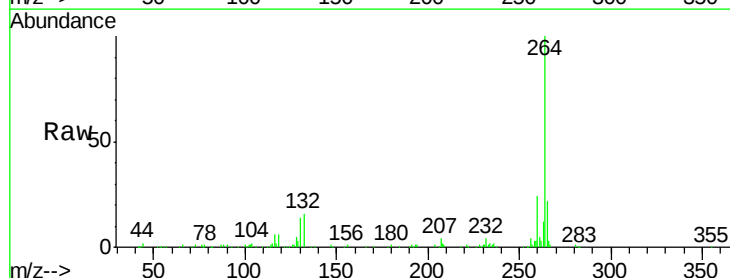
Tgt Ion:264 Resp: 252550

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.8 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

