

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033046.D
 Acq On : 8 Mar 2018 18:31
 Operator : SJ/JU
 Sample : J1831-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 01:28:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

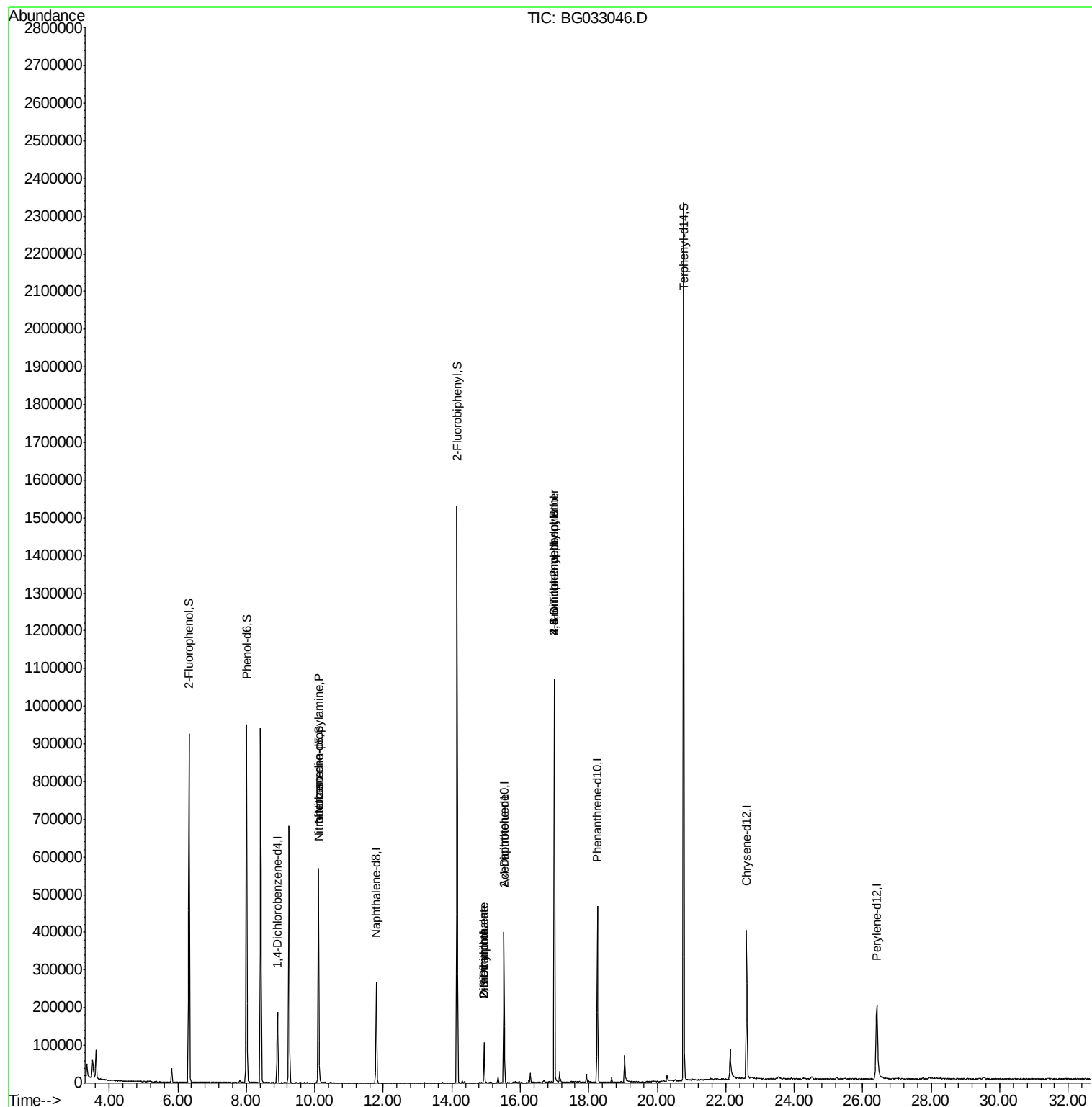
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55401	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	244556	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	139037	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	297783	20.00	ng	0.00
75) Chrysene-d12	22.61	240	270448	20.00	ng	0.00
86) Perylene-d12	26.41	264	271825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	429078	123.91	ng	0.00
7) Phenol-d6	8.01	99	587453	121.71	ng	0.00
23) Nitrobenzene-d5	10.11	82	355088	98.92	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	187840	128.49	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	779258	80.83	ng	0.00
78) Terphenyl-d14	20.77	244	1049072	87.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	46001	13.500	ng	# 85
24) Nitrobenzene	10.12	77	1052	6.614	ng	# 47
47) 2-Nitroaniline	14.94	65	704	10.080	ng	# 1
49) Dimethylphthalate	14.94	163	68234	5.780	ng	# 97
50) 2,6-Dinitrotoluene	14.94	165	699	9.190	ng	# 12
56) 2,4-Dinitrotoluene	15.52	165	17572	14.421	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.99	198	602	5.807	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	12907	4.099	ng	# 1

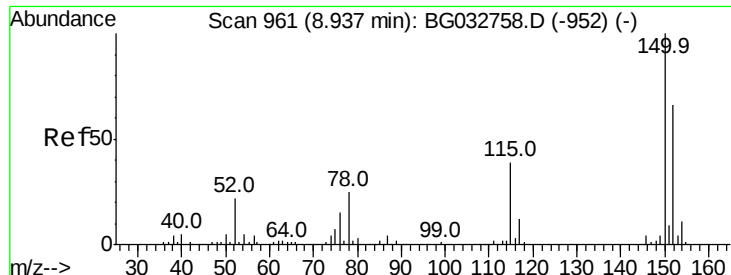
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
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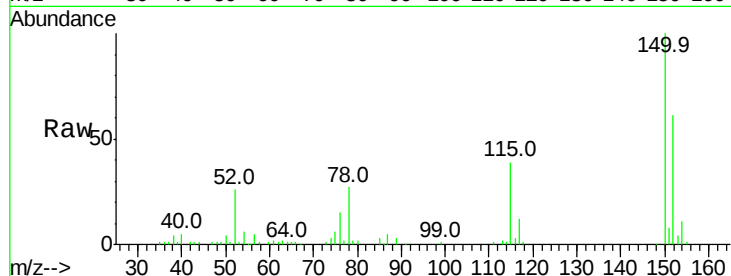


#1

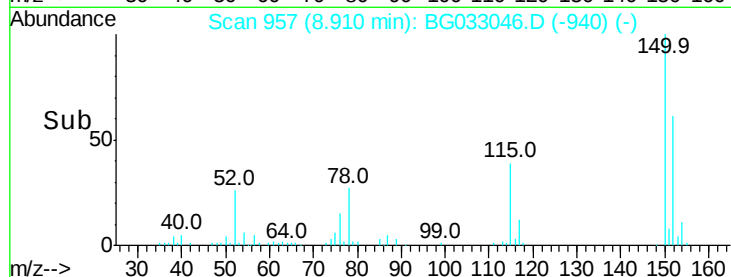
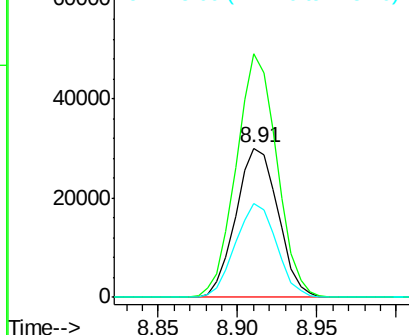
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55401
Ion Ratio Lower Upper
152 100
150 163.5 126.6 189.8
115 62.9 53.0 79.4



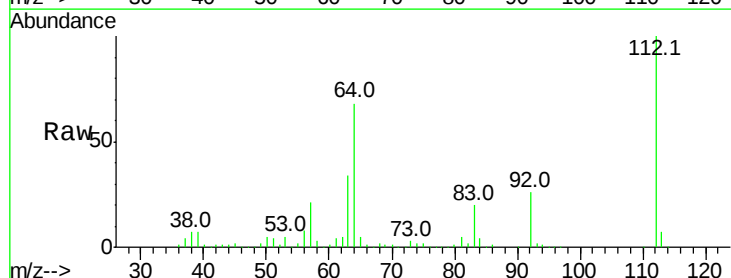
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



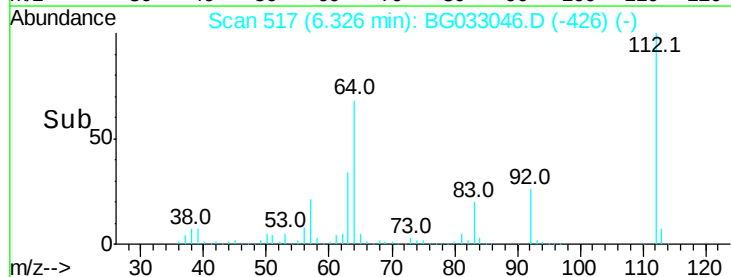
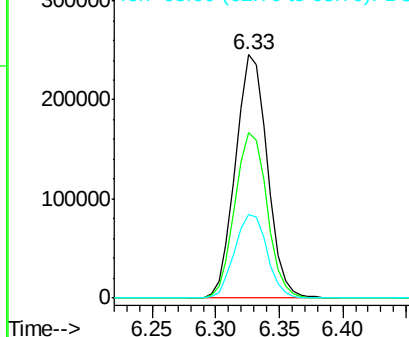
#5

2-Fluorophenol
Concen: 123.908 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:112 Resp: 429078
Ion Ratio Lower Upper
112 100
64 68.1 56.3 84.5
63 34.4 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: 121.707 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

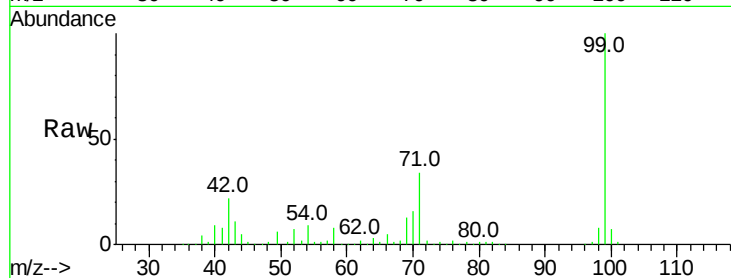
Tot Ion: 99 Resp: 587453

Ion Ratio Lower Upper

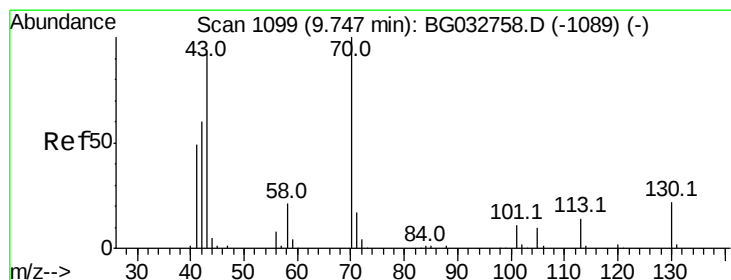
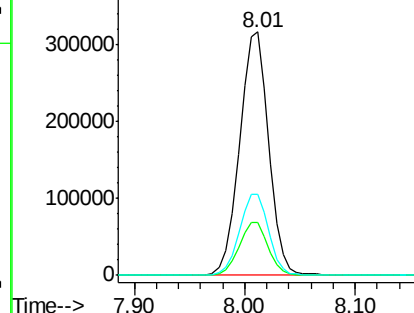
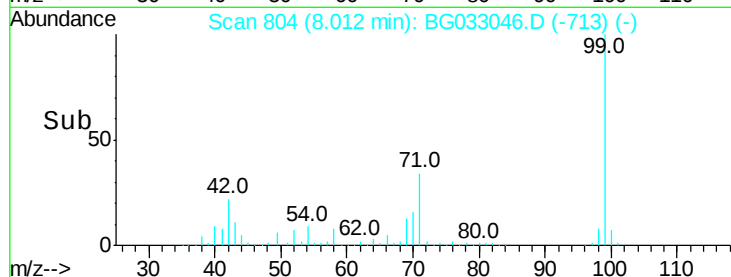
99 100

42 21.8 14.1 21.1#

71 33.5 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: 13.500 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Tgt Ion: 70 Resp: 46001

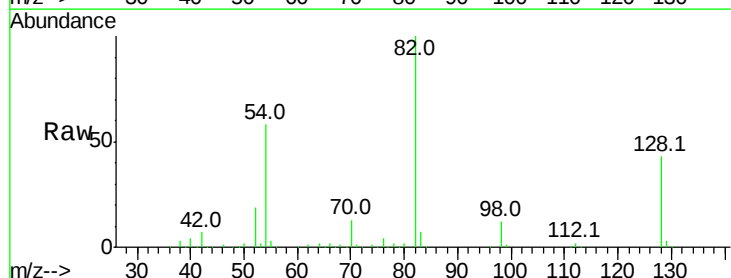
Ion Ratio Lower Upper

70 100

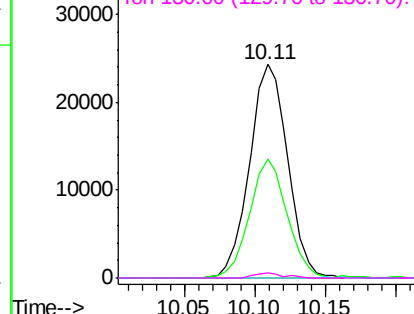
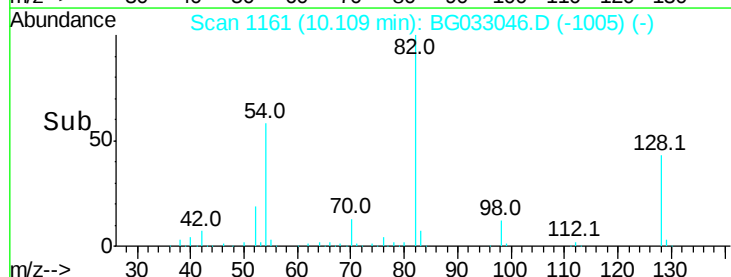
42 56.0 49.1 73.7

101 0.0 8.5 12.7#

130 2.4 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

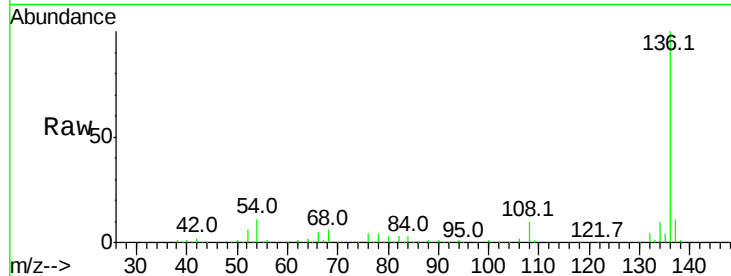




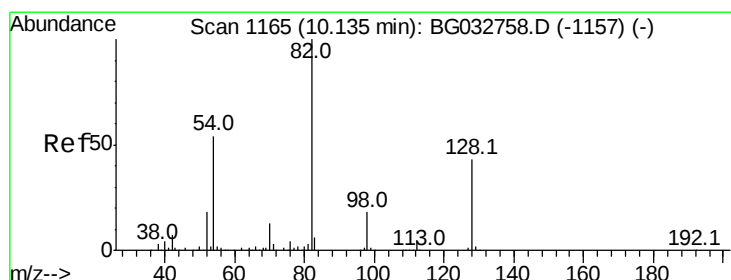
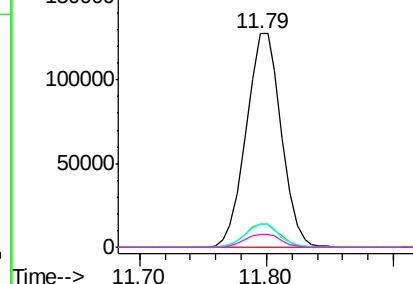
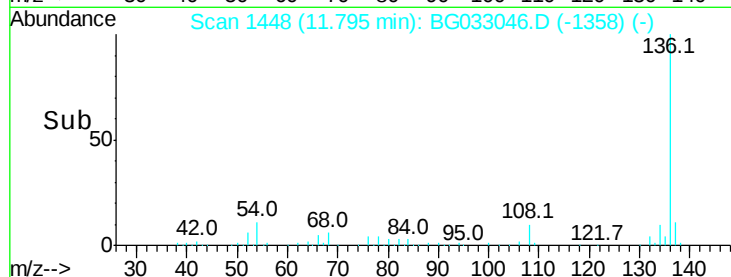
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	244556
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.6	10.3	15.5
68	5.7	4.5	6.7

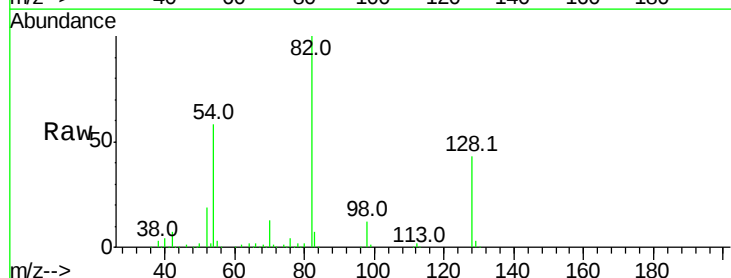


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

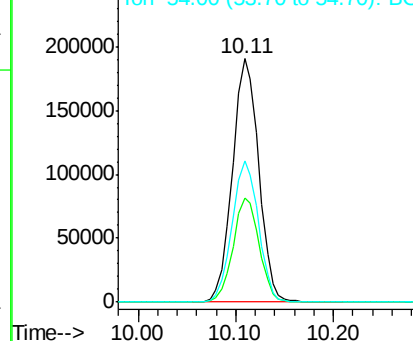
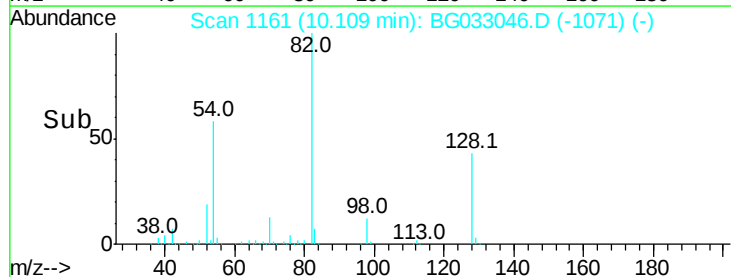


#23
Nitrobenzene-d5
Concen: 98.922 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:	82	Resp:	355088
Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	58.2	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: 6.614 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

BNA_G

ClientSampled :

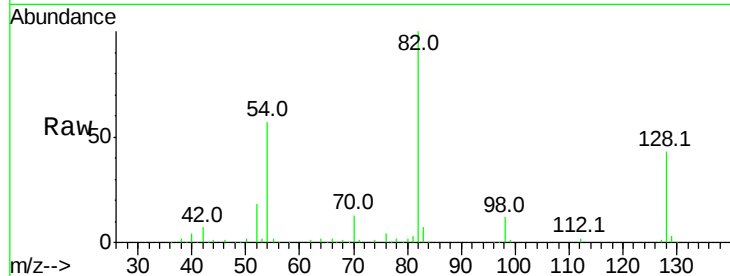
Tot Ion: 77 Resp: 1052

Ion Ratio Lower Upper

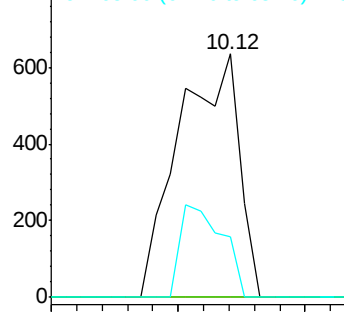
77 100

123 0.0 33.0 49.6#

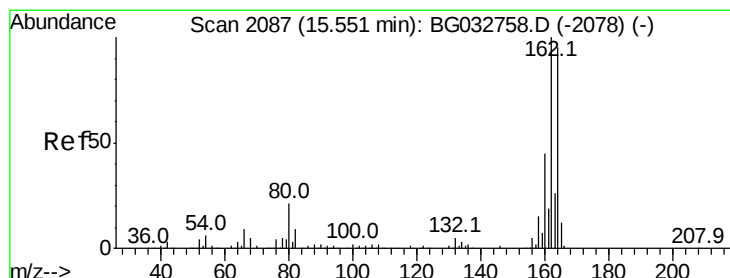
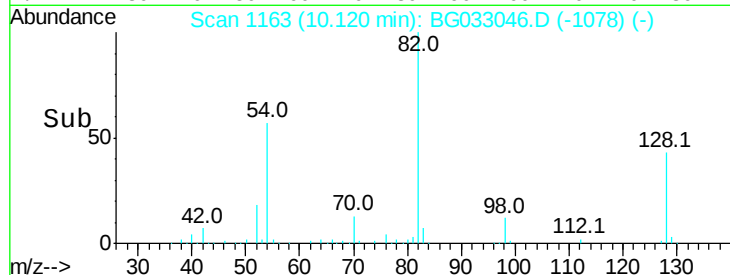
65 25.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time--> 10.05 10.10 10.15



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

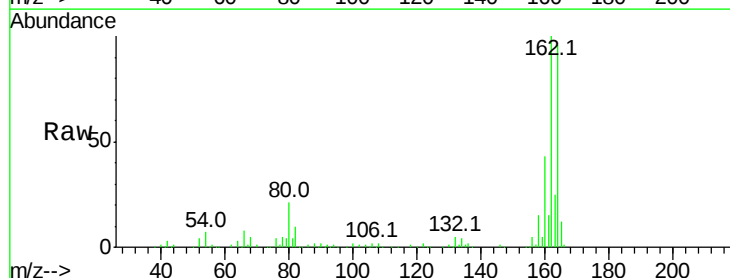
Tgt Ion:164 Resp: 139037

Ion Ratio Lower Upper

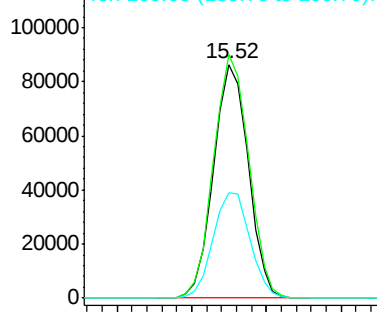
164 100

162 104.3 78.8 118.2

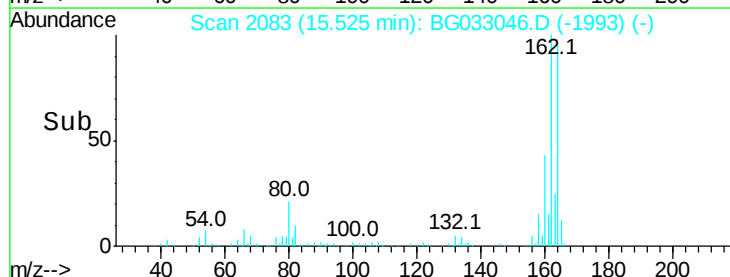
160 45.3 35.4 53.0

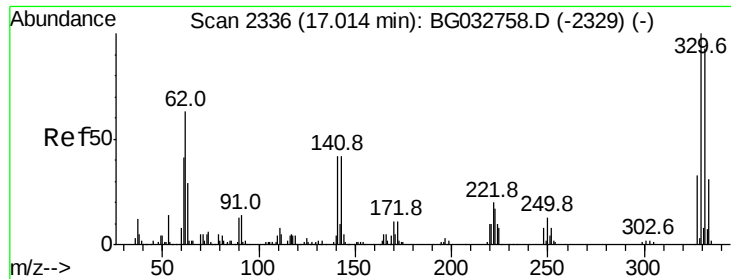


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



Time--> 15.45 15.50 15.55 15.60

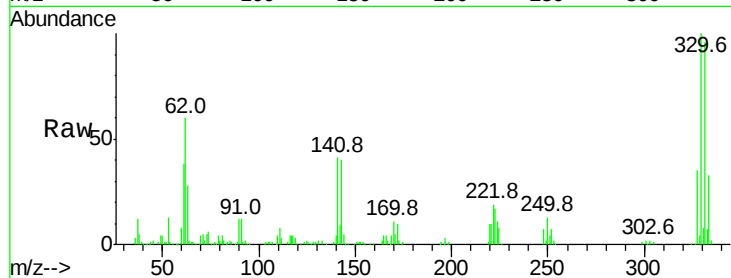




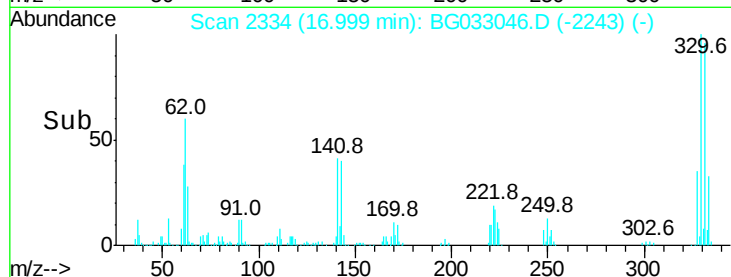
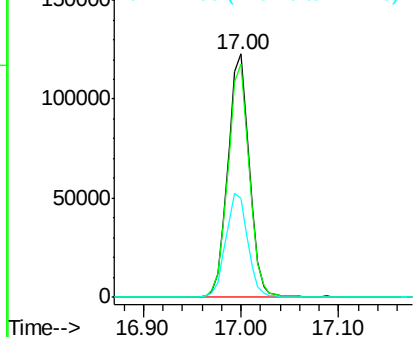
#41
 2,4,6-Tribromophenol
 Concen: 128.488 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 187840
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 43.7 25.2 37.8#

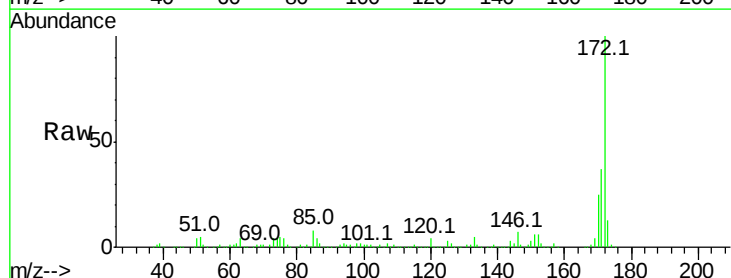


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

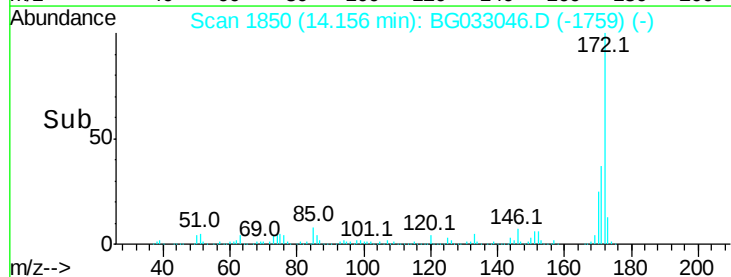
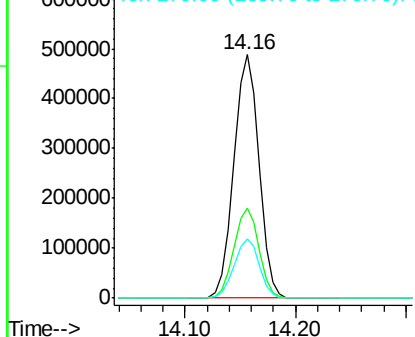


#44
 2-Fluorobiphenyl
 Concen: 80.834 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033046.D
 Acq: 8 Mar 2018 18:31

Tgt Ion:172 Resp: 779258
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.5 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

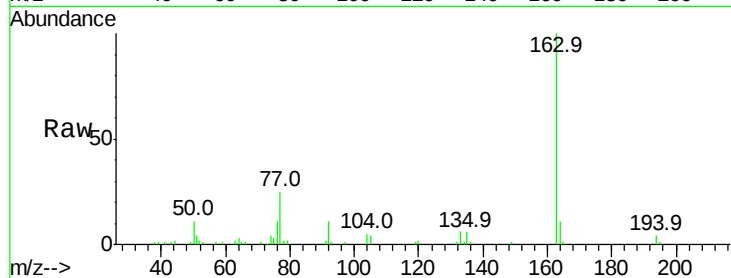




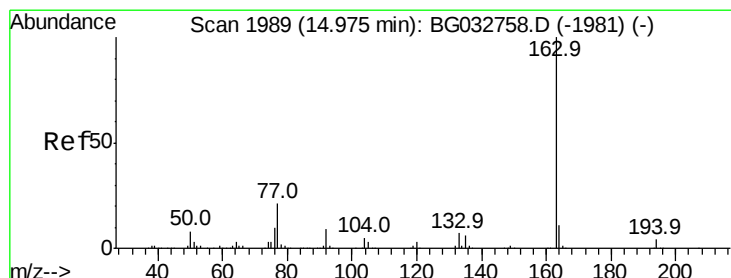
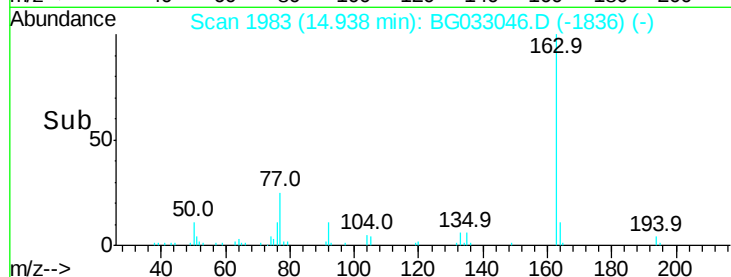
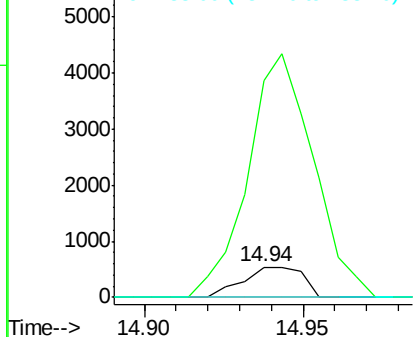
#47
2-Nitroaniline
Concen: 10.080 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.33 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 704
Ion Ratio Lower Upper
65 100
92 718.6 54.6 82.0#
138 0.0 72.9 109.3#

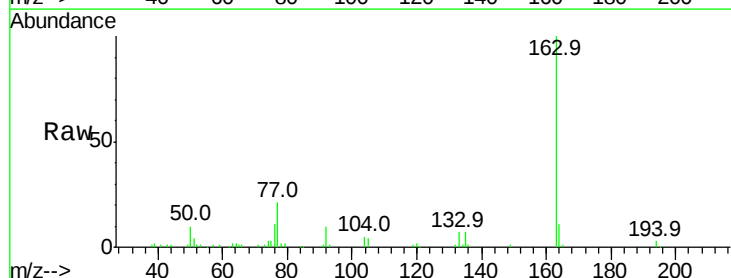


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

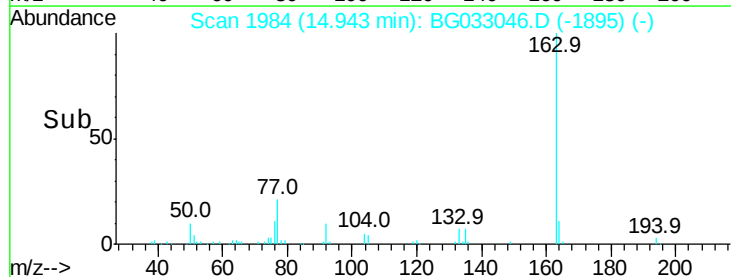
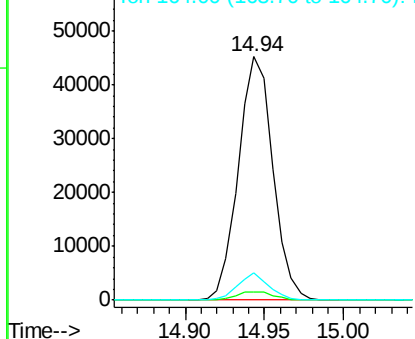


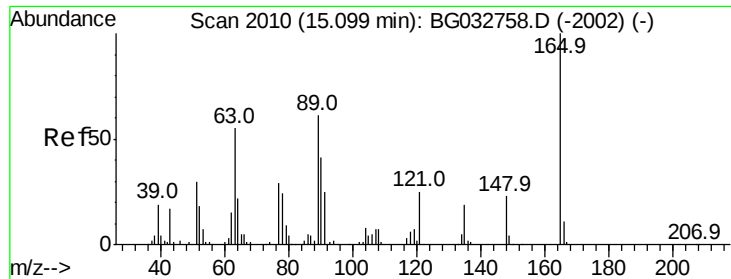
#49
Dimethylphthalate
Concen: 5.780 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:163 Resp: 68234
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.2#
164 11.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

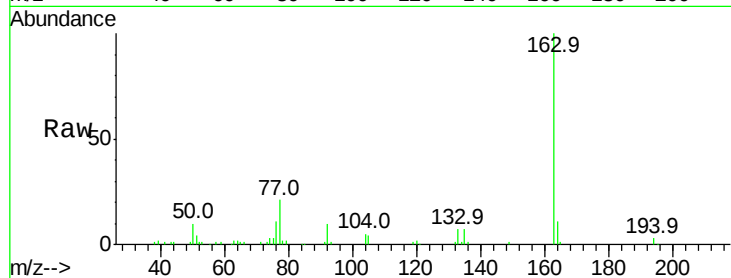




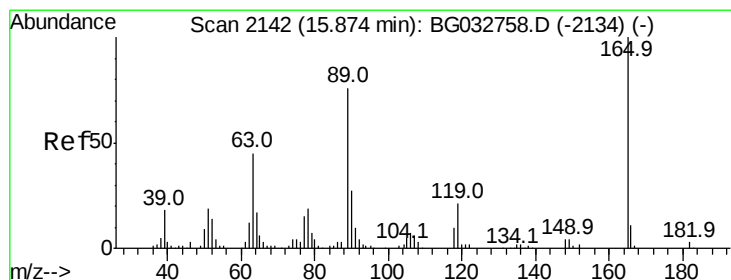
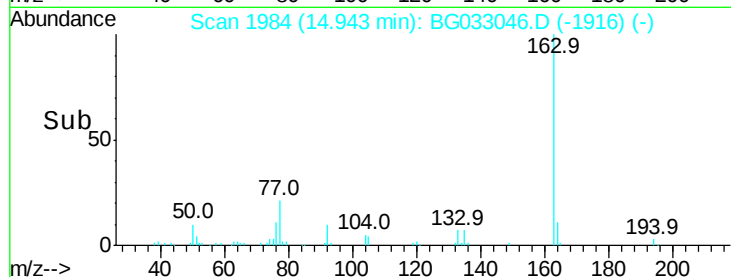
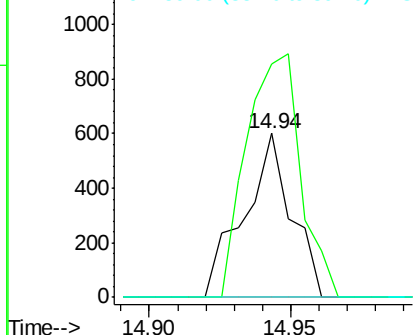
#50
2,6-Dinitrotoluene
Concen: 9.190 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.13 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 699
Ion Ratio Lower Upper
165 100
63 142.3 52.7 79.1#
89 0.0 49.2 73.8#

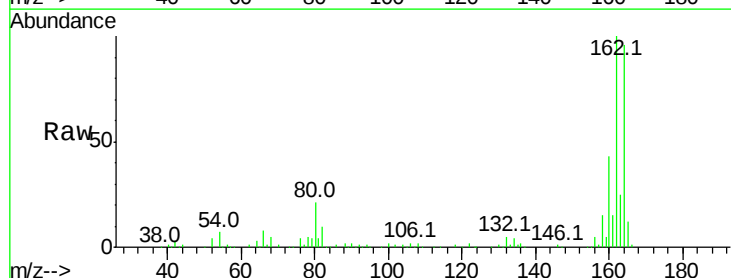


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

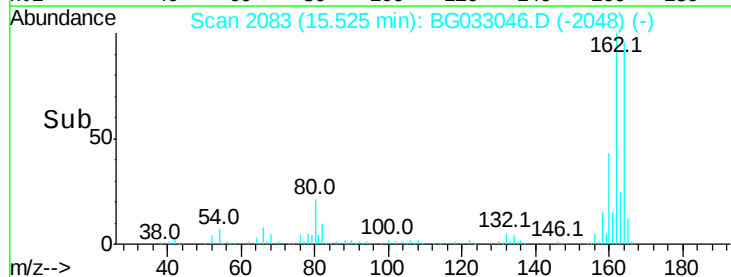
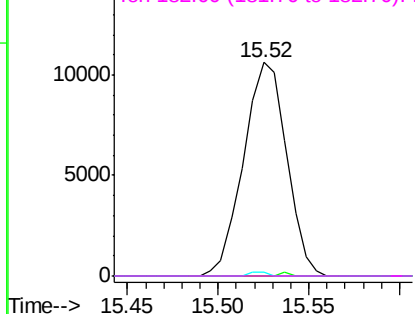


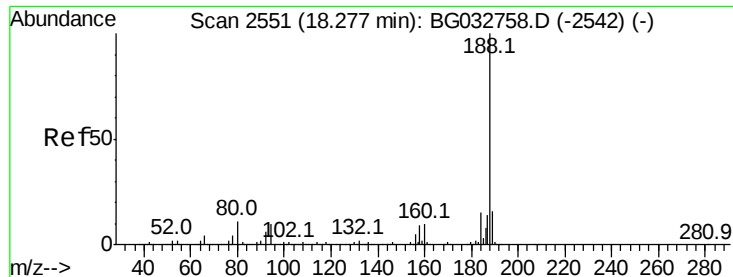
#56
2,4-Dinitrotoluene
Concen: 14.421 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:165 Resp: 17572
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.7 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

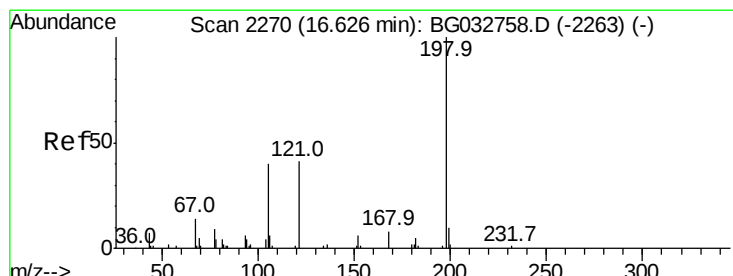
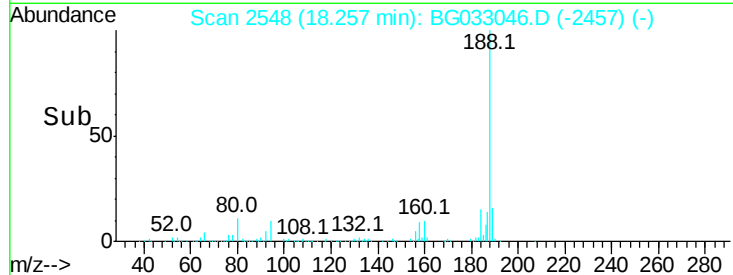
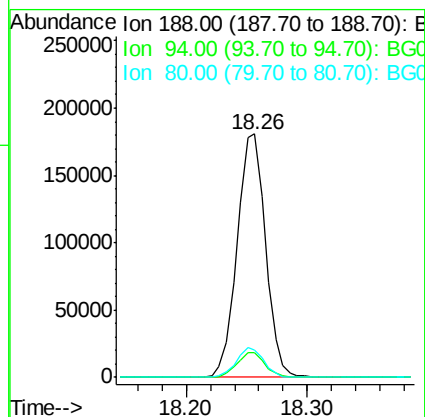
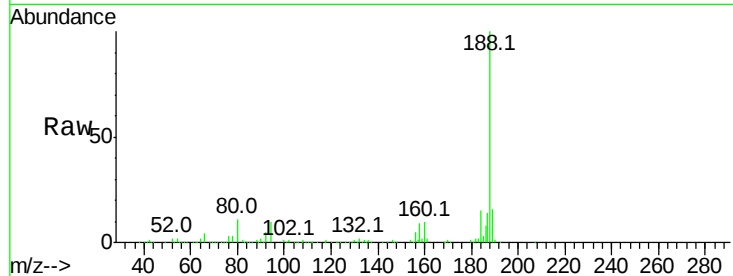




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

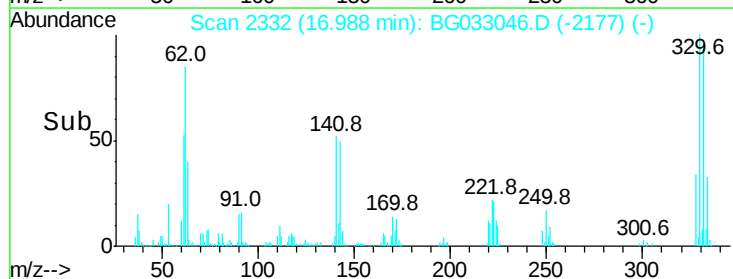
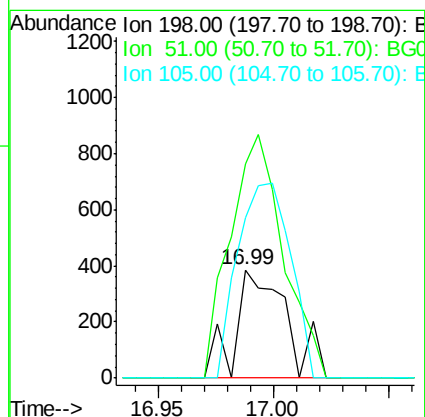
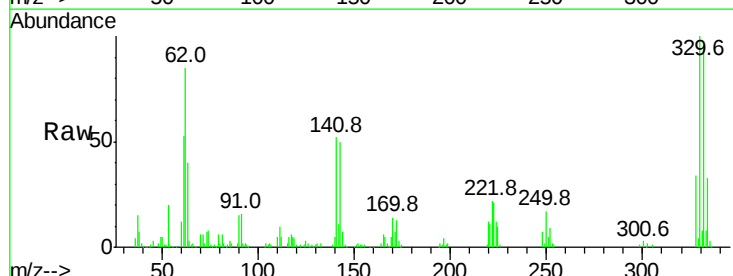
Instrument :
BNA_G
ClientSampled :

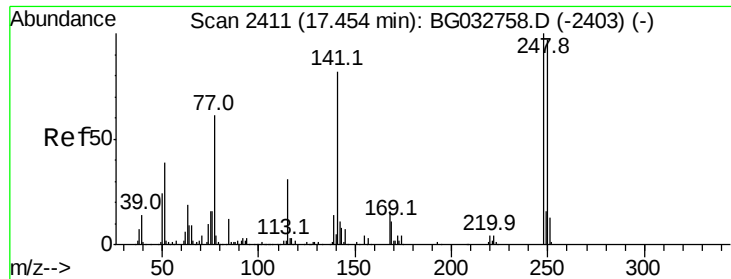
Tot Ion:188 Resp: 297783
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.3 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.807 ng
RT: 16.99 min Scan# 2332
Delta R.T. 0.38 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:198 Resp: 602
Ion Ratio Lower Upper
198 100
51 197.9 30.6 70.6#
105 148.3 23.8 63.8#

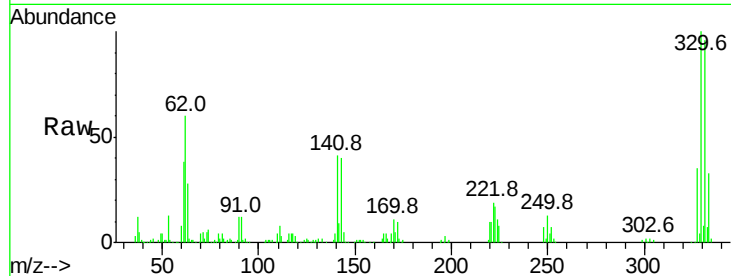




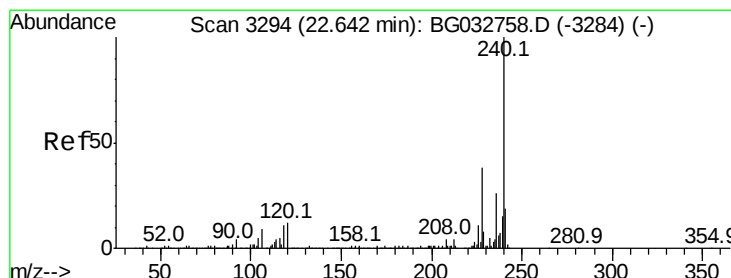
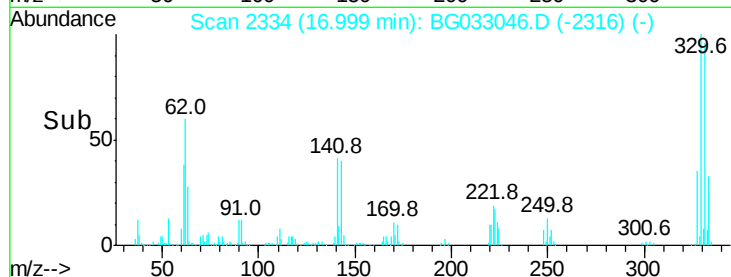
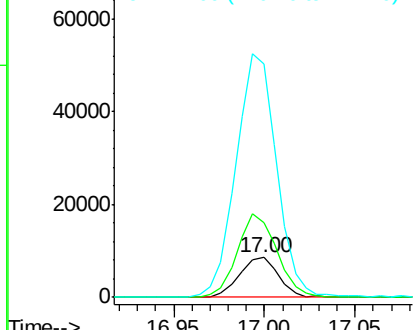
#66
4-Bromophenyl-phenylether
Concen: 4.099 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12907
Ion Ratio Lower Upper
248 100
250 186.3 77.1 115.7#
141 582.5 50.8 76.2#

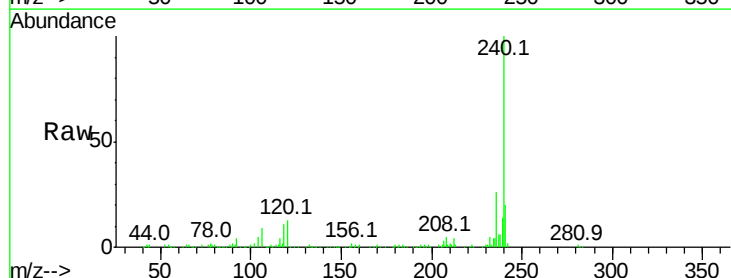


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

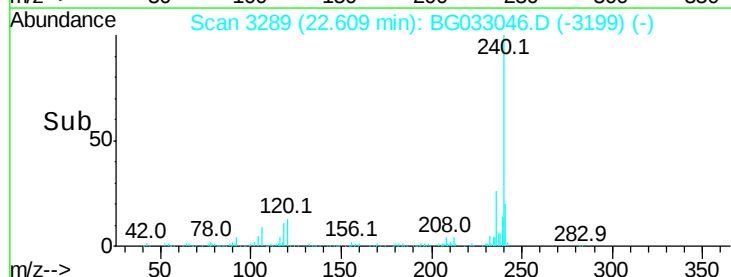
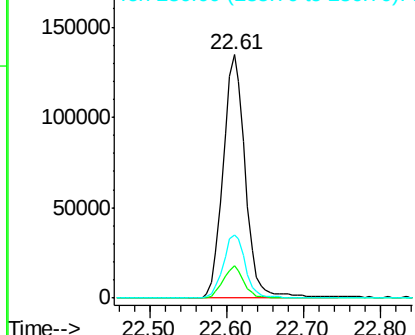


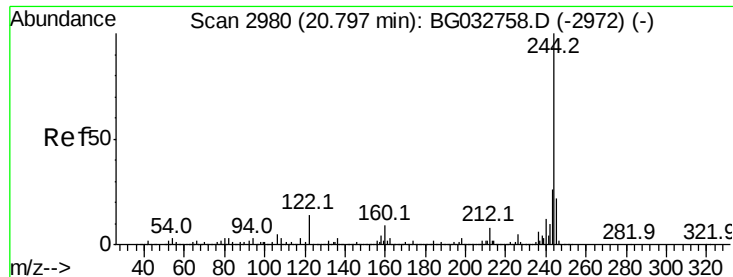
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033046.D
Acq: 8 Mar 2018 18:31

Tgt Ion:240 Resp: 270448
Ion Ratio Lower Upper
240 100
120 13.2 6.8 10.2#
236 26.1 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: 87.151 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

Instrument :

BNA_G

ClientSampled :

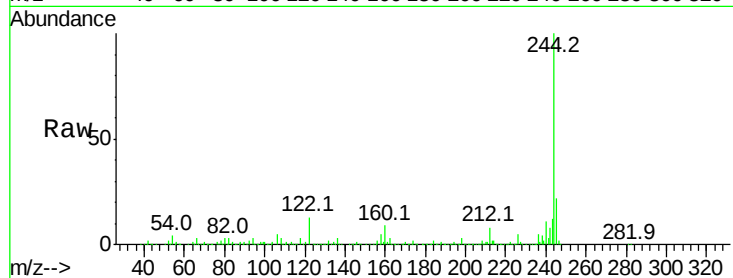
Tot Ion:244 Resp: 1049072

Ion Ratio Lower Upper

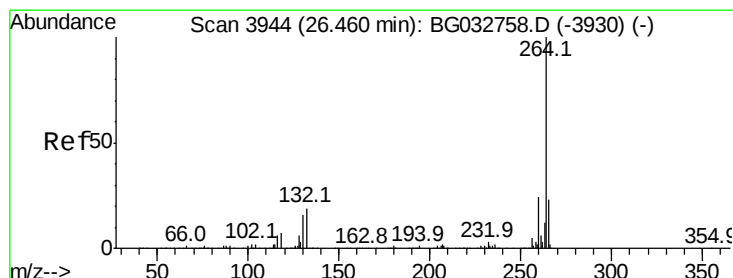
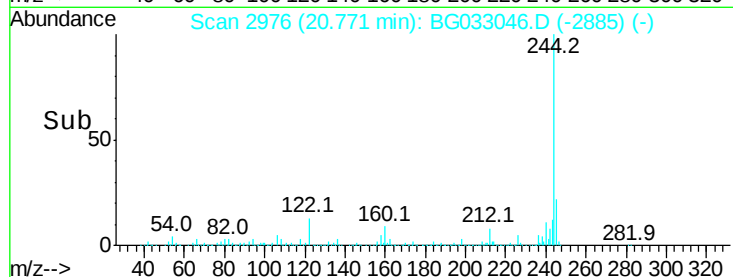
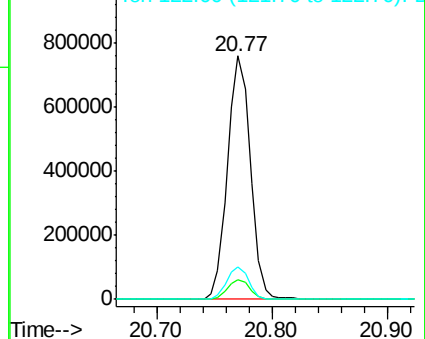
244 100

212 8.3 5.8 8.8

122 13.2 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: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033046.D

Acq: 8 Mar 2018 18:31

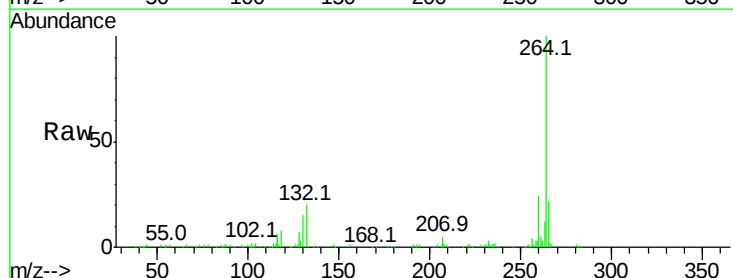
Tgt Ion:264 Resp: 271825

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.5 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

