

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033005.D
 Acq On : 6 Mar 2018 2:08
 Operator : SJ/JU
 Sample : J1792-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 06:55:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

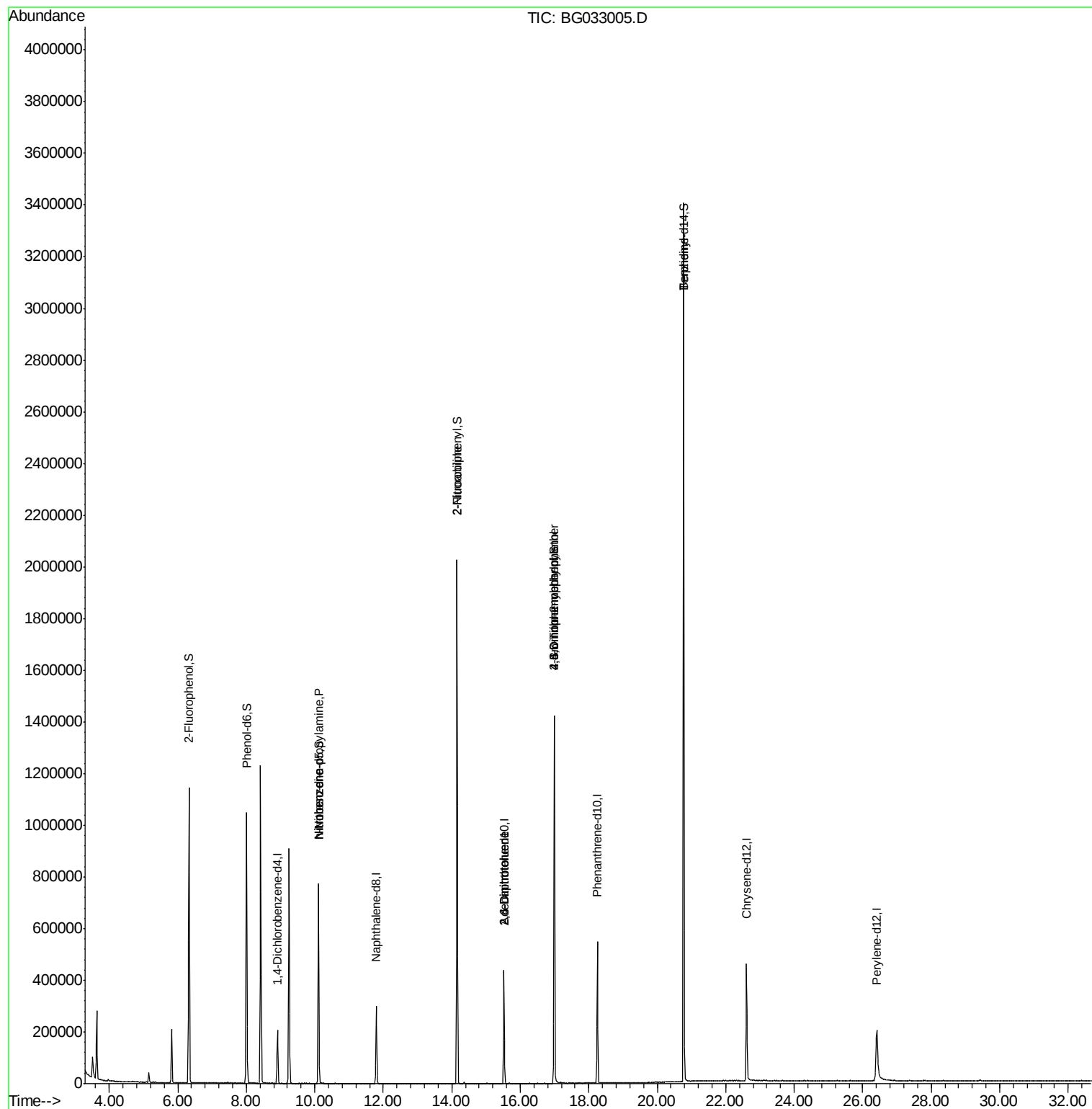
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	62279	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	267605	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	149872	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	342397	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315704	20.00	ng	-0.01
86) Perylene-d12	26.42	264	296904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	530360	136.24	ng	0.00
7) Phenol-d6	8.01	99	646629	119.17	ng	0.00
23) Nitrobenzene-d5	10.11	82	488626	121.85	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	251361	159.51	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1023507	98.49	ng	-0.01
78) Terphenyl-d14	20.77	244	1509254	107.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	62634	16.351	ng	# 84
24) Nitrobenzene	10.11	77	1386	6.662	ng	# 42
47) 2-Nitroaniline	14.16	65	2032	10.491	ng	# 15
50) 2,6-Dinitrotoluene	15.52	165	19316	16.369	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	19316	14.567	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	706	5.824	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	18106	5.001	ng	# 1
76) Benzidine	20.77	184	27017	2.511	ng	# 91

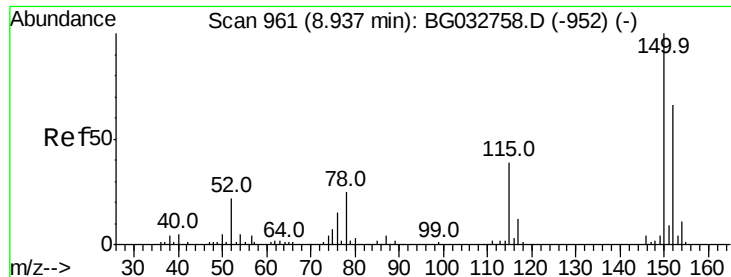
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



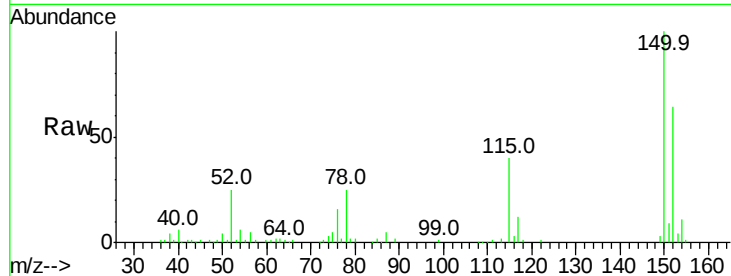


#1

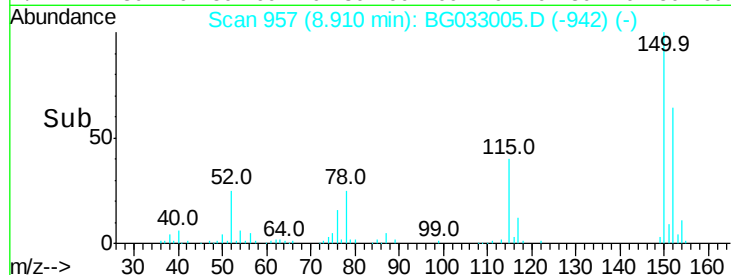
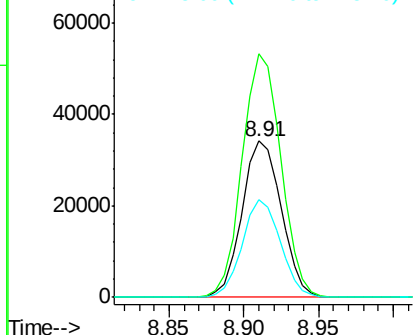
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62279
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 62.8 53.0 79.4



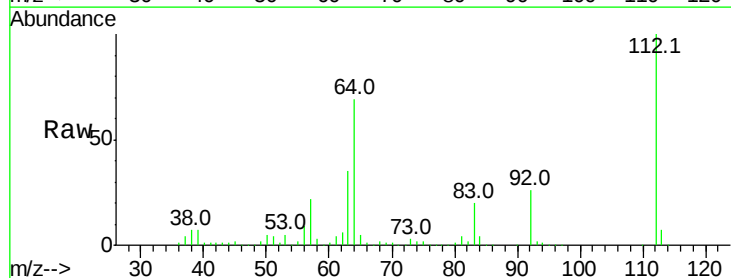
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



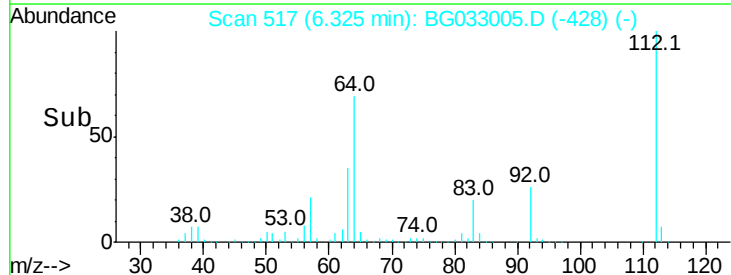
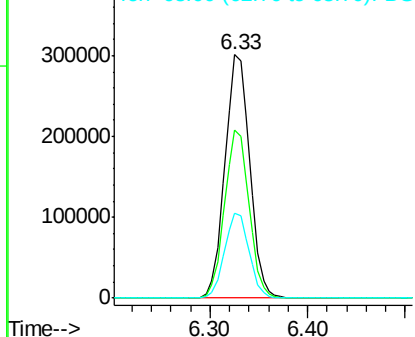
#5

2-Fluorophenol
Concen: 136.242 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

Tgt Ion:112 Resp: 530360
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 34.8 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: 119.172 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

Instrument :

BNA_G

ClientSampleId :

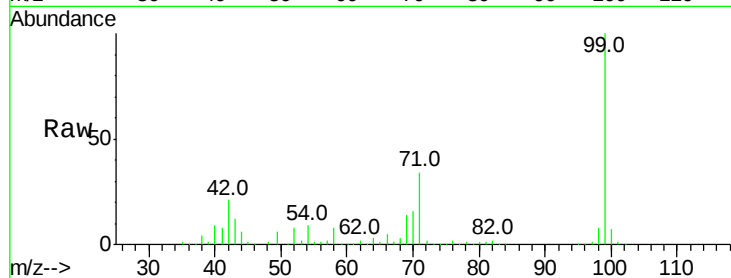
Tot Ion: 99 Resp: 646629

Ion Ratio Lower Upper

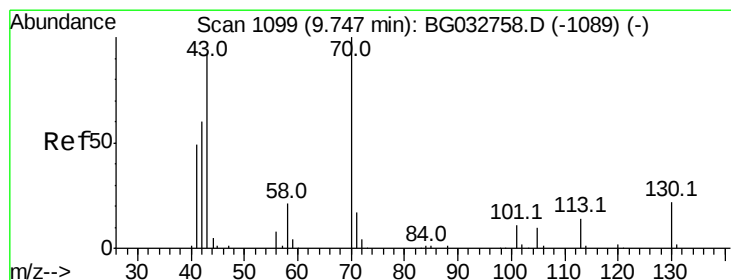
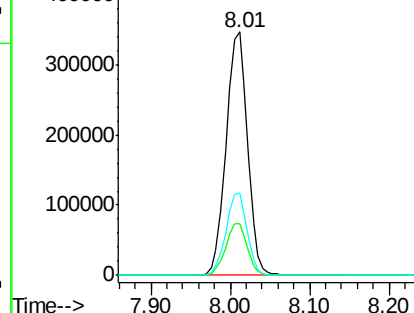
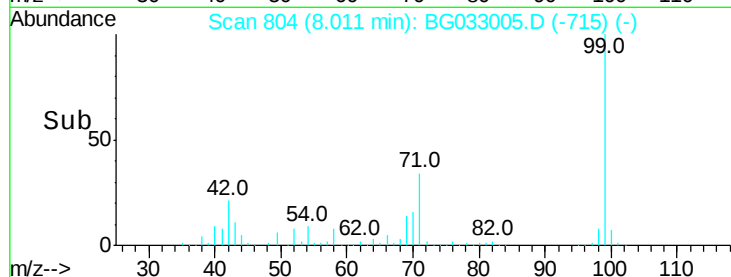
99 100

42 21.3 14.1 21.1#

71 33.7 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: 16.351 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

Tgt Ion: 70 Resp: 62634

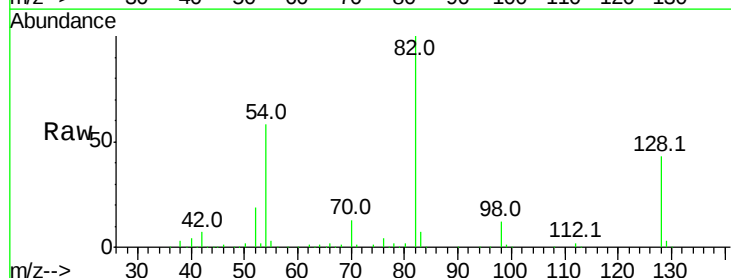
Ion Ratio Lower Upper

70 100

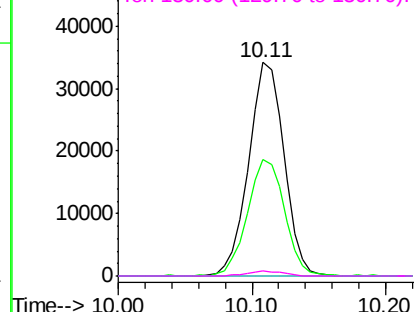
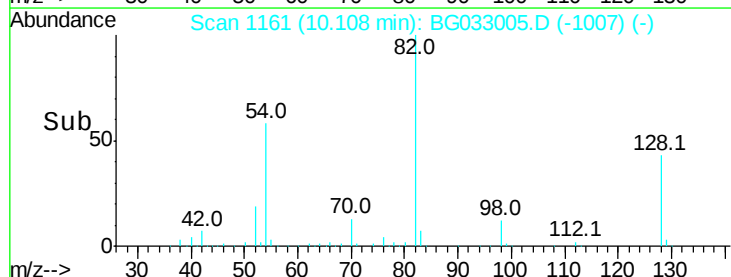
42 54.4 49.1 73.7

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

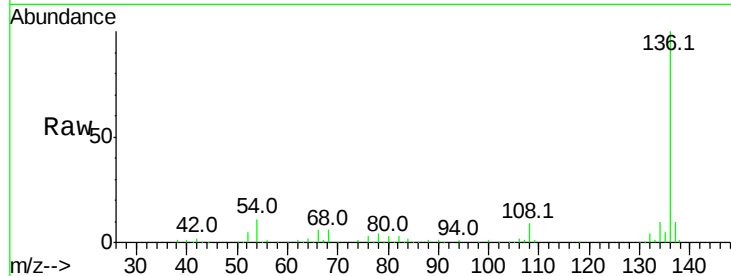




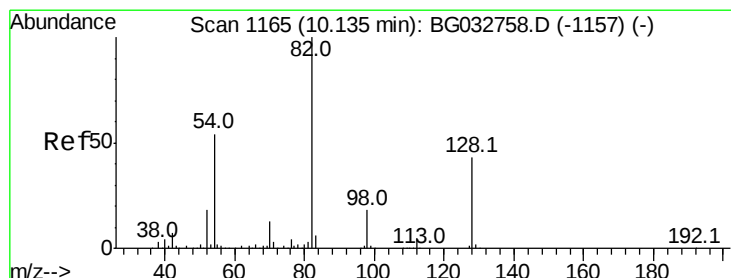
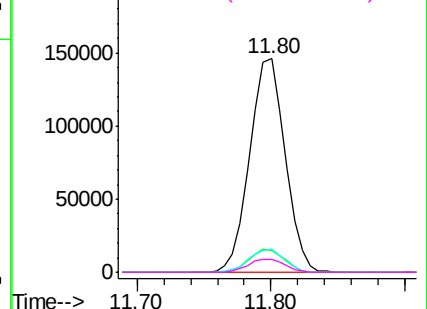
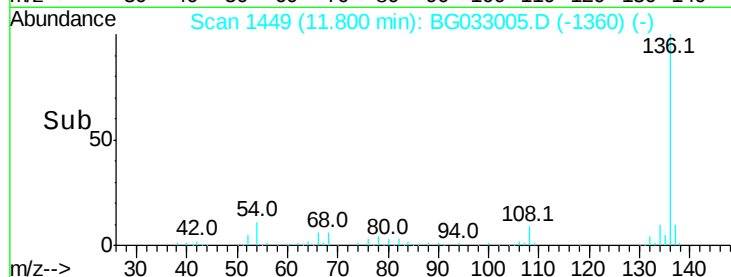
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	267605
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	11.1	10.3	15.5
68	5.9	4.5	6.7

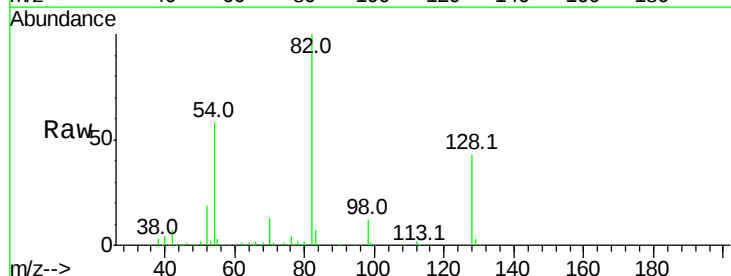


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

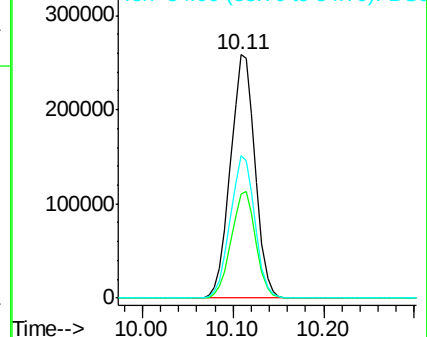
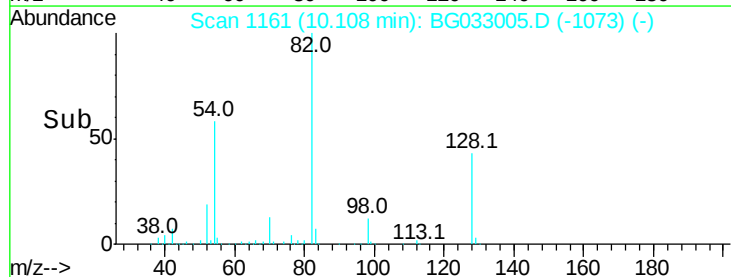


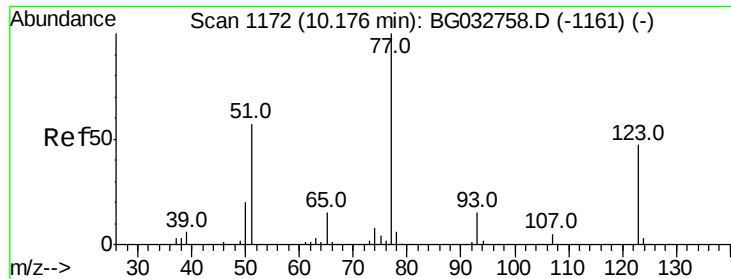
#23
Nitrobenzene-d5
Concen: 121.846 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

Tgt Ion:	82	Resp:	488626
Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	58.4	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: 6.662 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

Instrument :

BNA_G

ClientSampled :

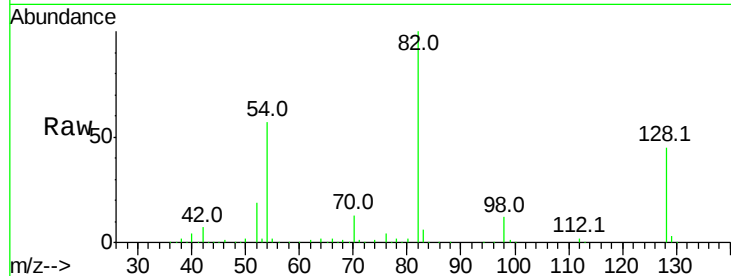
Tot Ion: 77 Resp: 1386

Ion Ratio Lower Upper

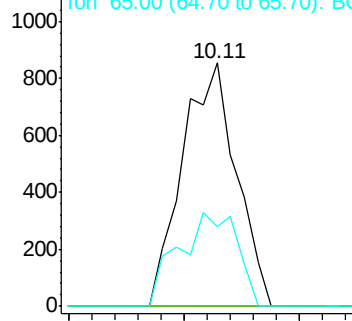
77 100

123 0.0 33.0 49.6#

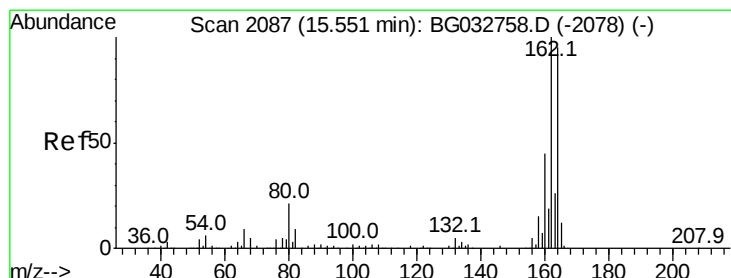
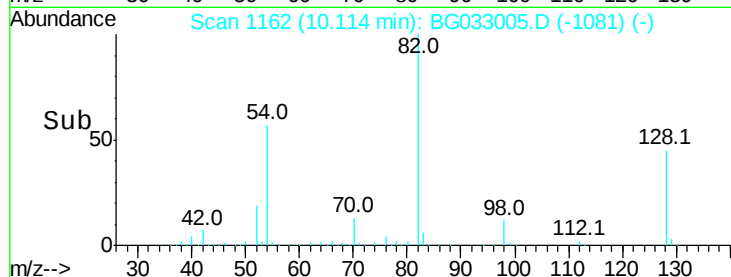
65 33.0 13.0 19.6#



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. -0.01 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

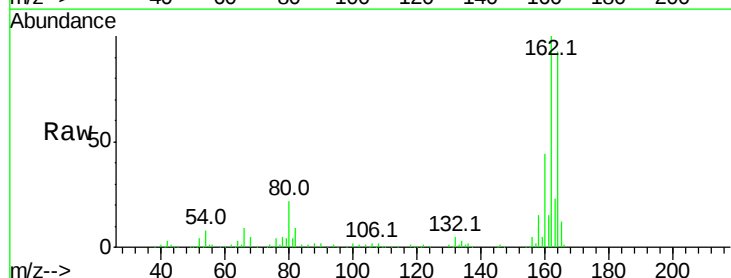
Tgt Ion:164 Resp: 149872

Ion Ratio Lower Upper

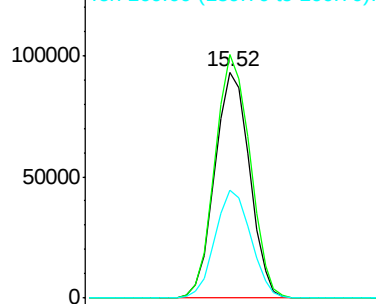
164 100

162 107.6 78.8 118.2

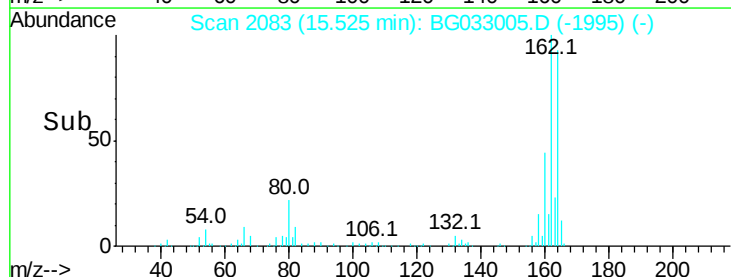
160 47.8 35.4 53.0

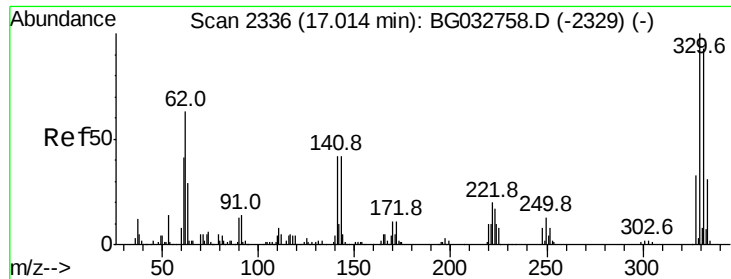


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



Time--> 15.45 15.50 15.55 15.60

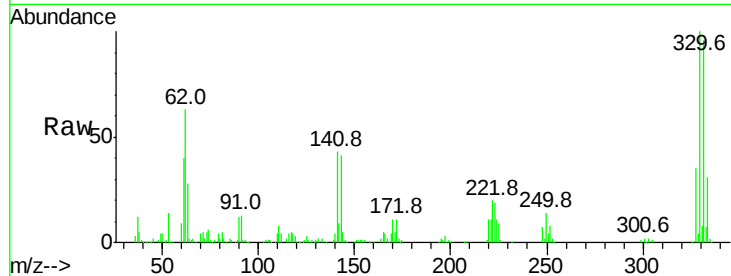




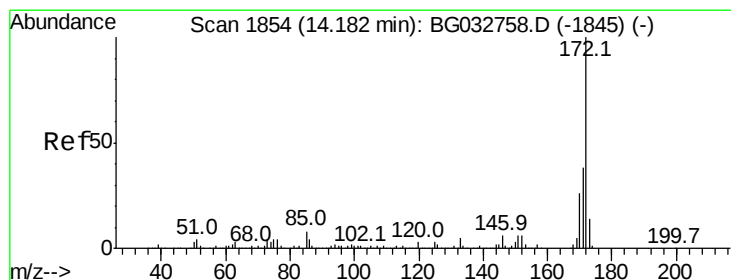
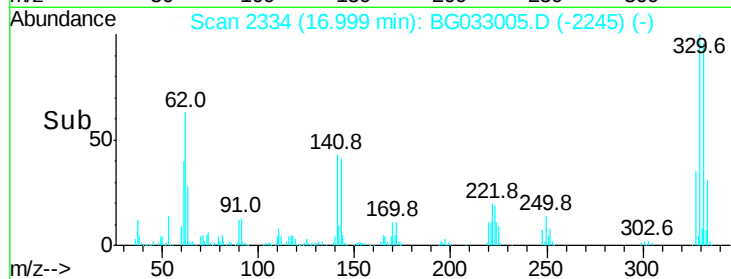
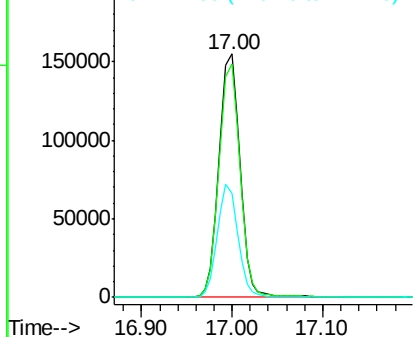
#41
 2,4,6-Tribromophenol
 Concen: 159.508 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 251361
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 45.2 25.2 37.8#

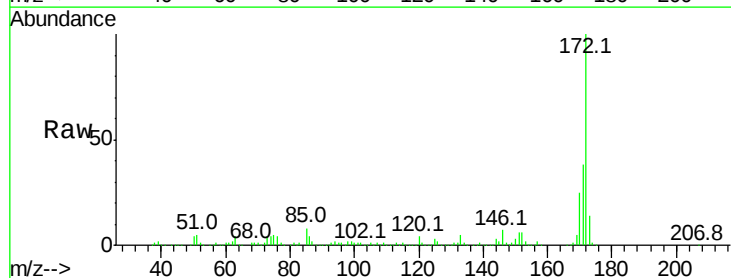


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

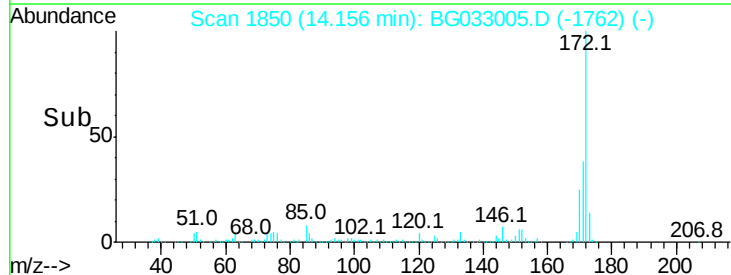
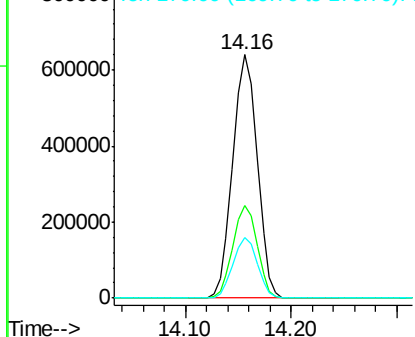


#44
 2-Fluorobiphenyl
 Concen: 98.494 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

Tgt Ion:172 Resp: 1023507
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.0 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

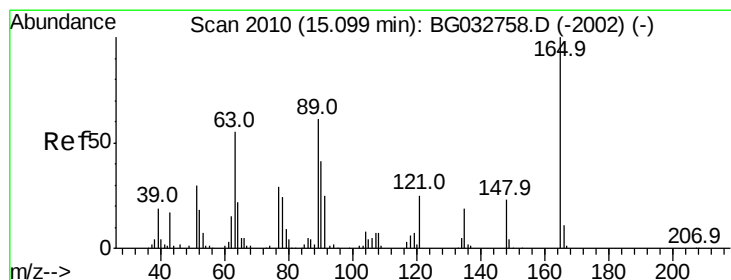
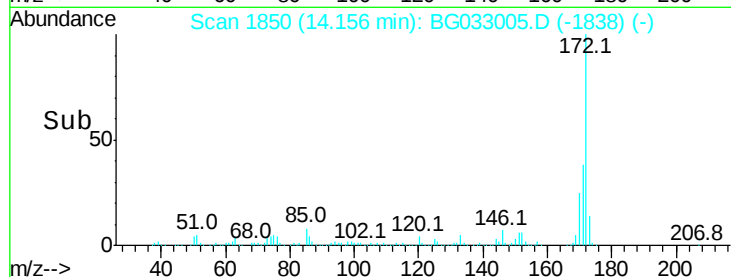
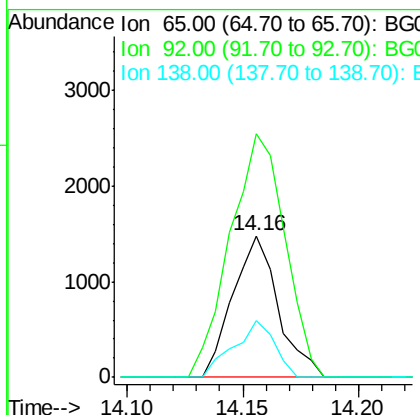
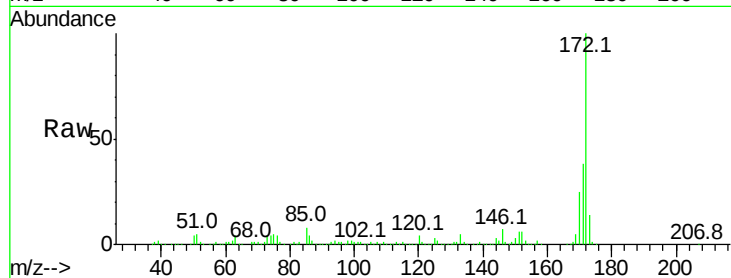




#47
2-Nitroaniline
Concen: 10.491 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.46 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

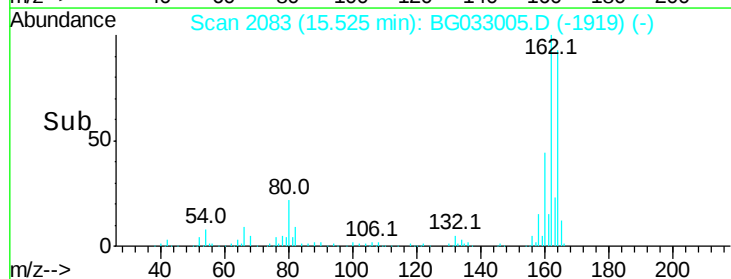
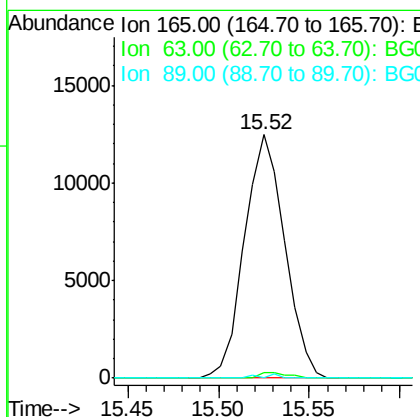
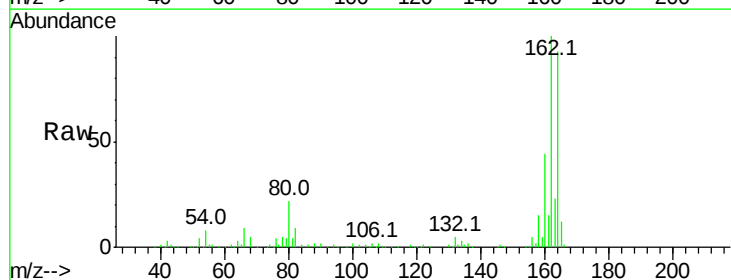
Instrument :
BNA_G
ClientSampleId :

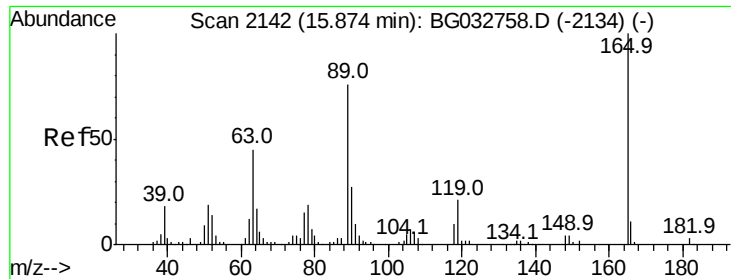
Tot Ion: 65 Resp: 2032
Ion Ratio Lower Upper
65 100
92 171.9 54.6 82.0#
138 40.2 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.369 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033005.D
Acq: 6 Mar 2018 2:08

Tgt Ion:165 Resp: 19316
Ion Ratio Lower Upper
165 100
63 2.4 52.7 79.1#
89 0.0 49.2 73.8#

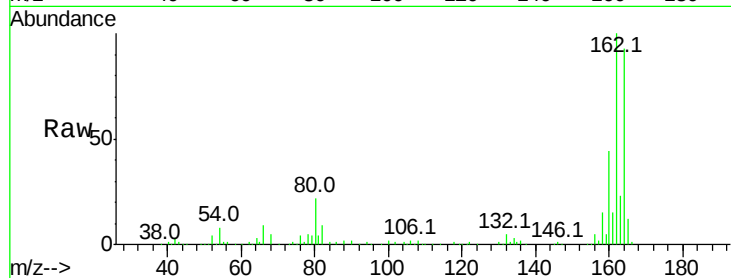




#56
 2,4-Dinitrotoluene
 Concen: 14.567 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	19316
Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

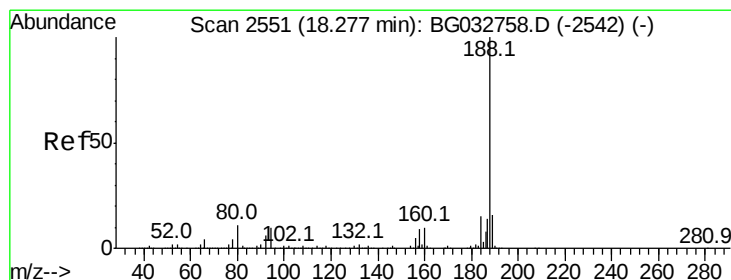
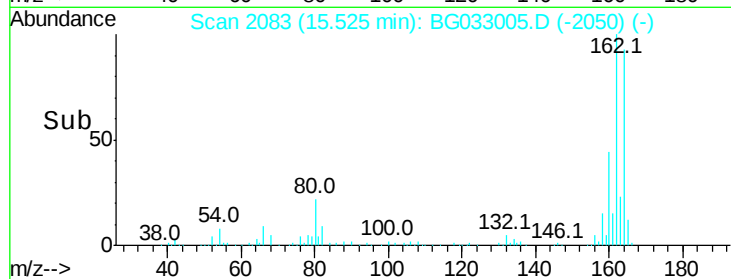
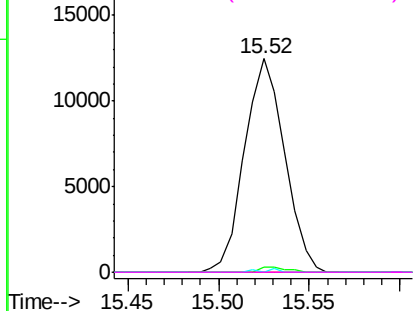


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

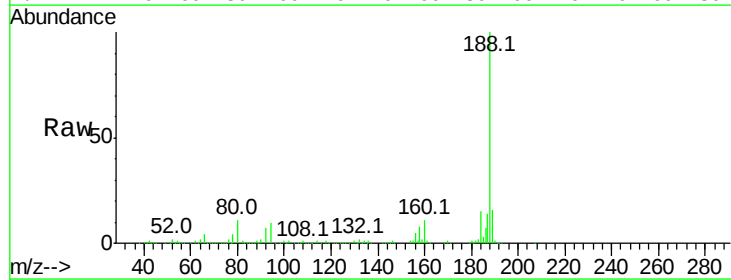
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

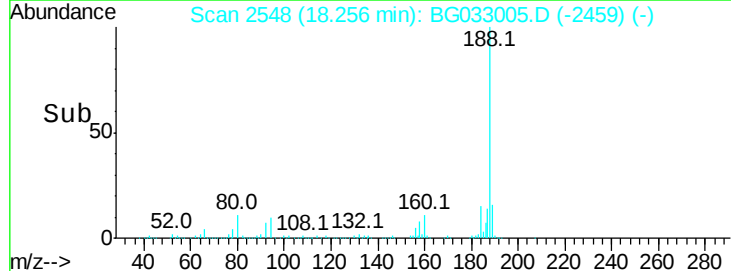
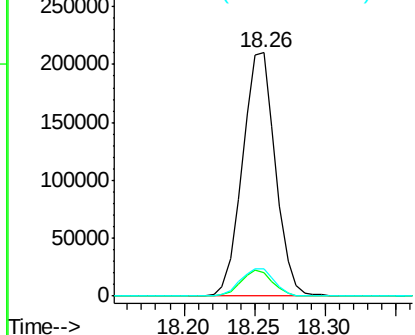
Tgt Ion:	188	Resp:	342397
Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.9	10.3
80	11.0	7.7	11.5

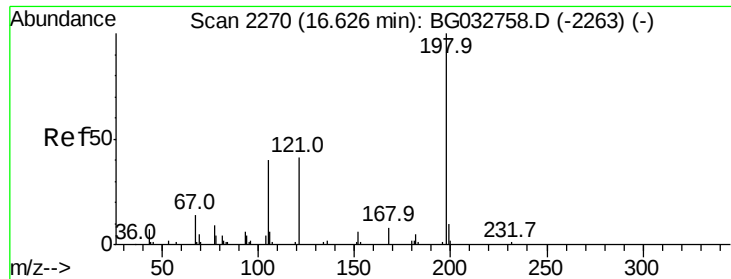


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

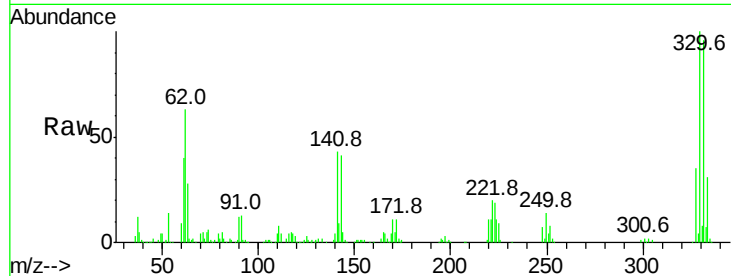




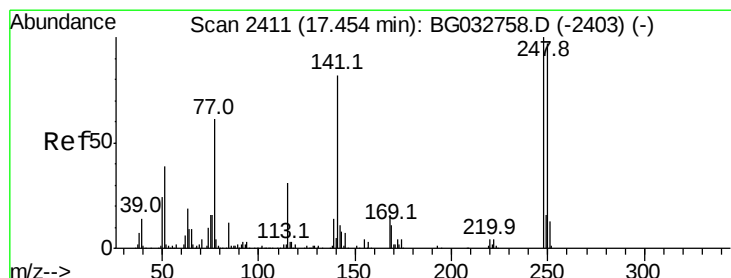
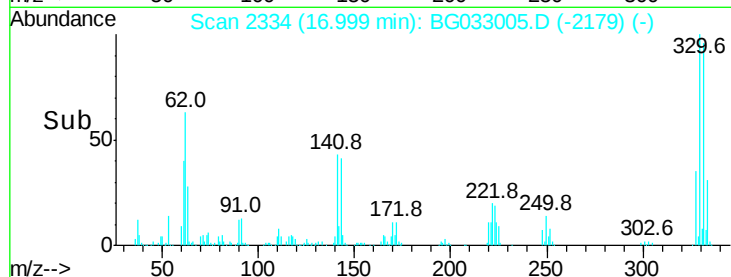
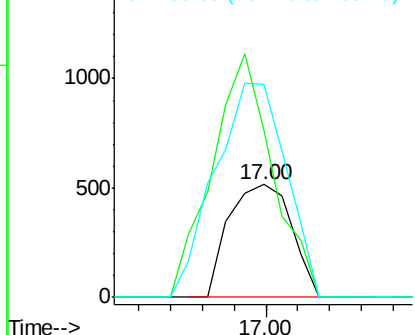
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.824 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 706
 Ion Ratio Lower Upper
 198 100
 51 147.9 30.6 70.6#
 105 188.2 23.8 63.8#

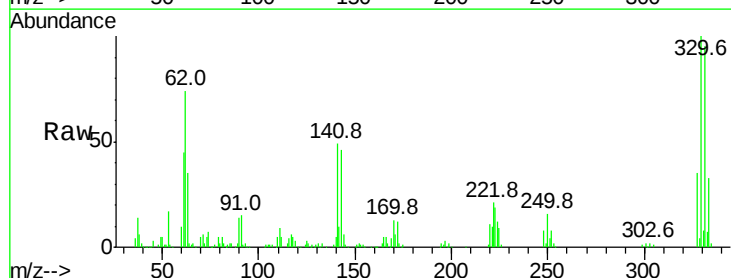


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

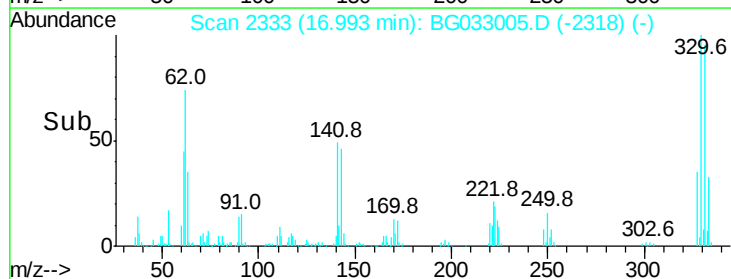
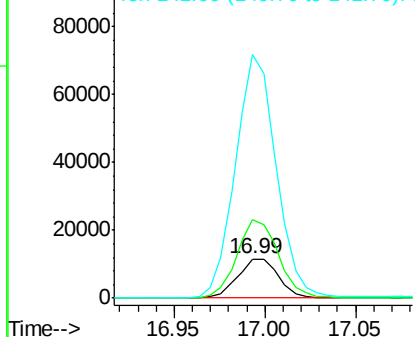


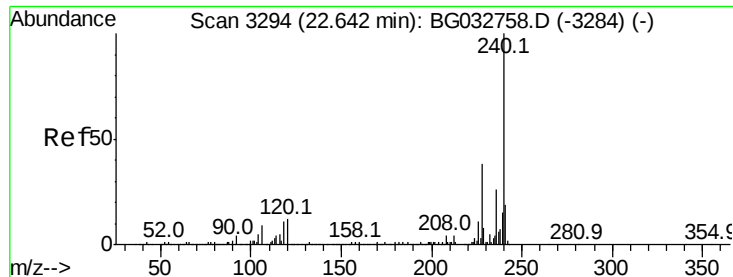
#66
 4-Bromophenyl-phenylether
 Concen: 5.001 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.44 min
 Lab File: BG033005.D
 Acq: 6 Mar 2018 2:08

Tgt Ion:248 Resp: 18106
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.1 115.7#
 141 619.2 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. -0.01 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

Instrument :

BNA_G

ClientSampleId :

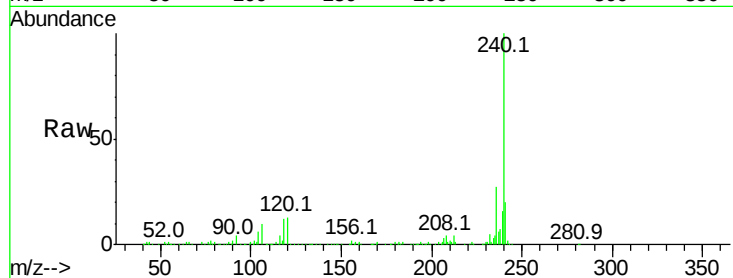
Tot Ion:240 Resp: 315704

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

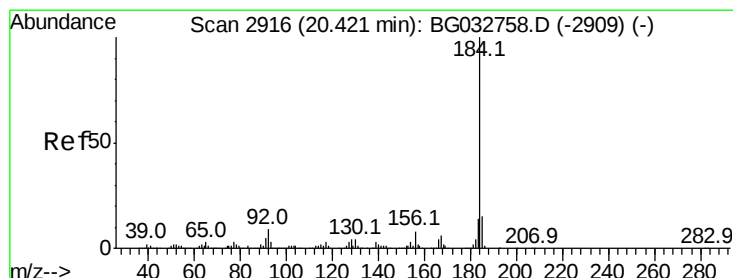
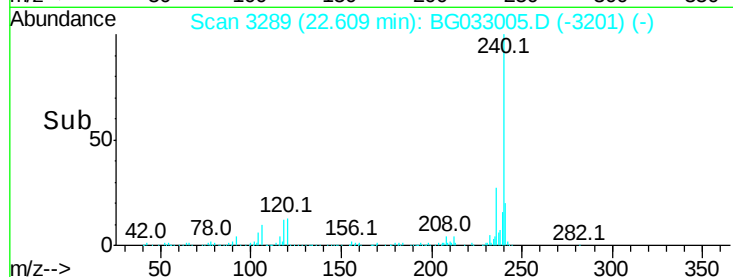
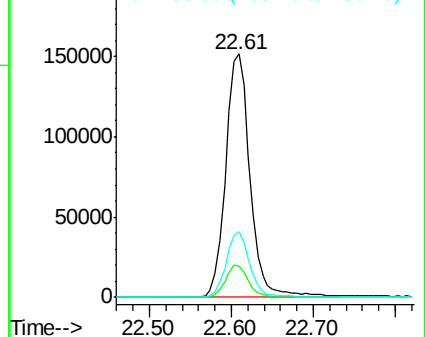
236 27.1 20.9 31.3



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



#76

Benzidine

Concen: 2.511 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.36 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

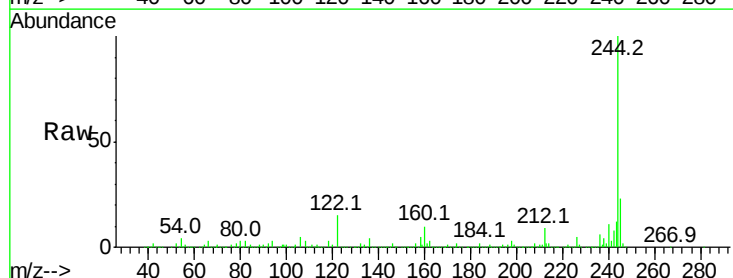
Tgt Ion:184 Resp: 27017

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

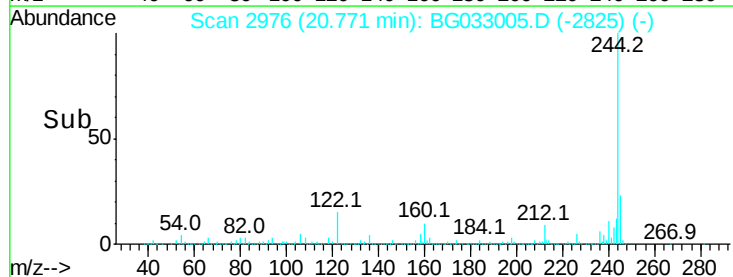
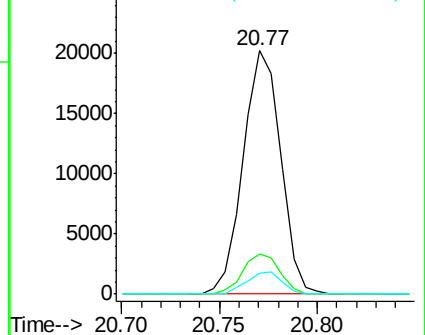
183 8.5 10.6 16.0#

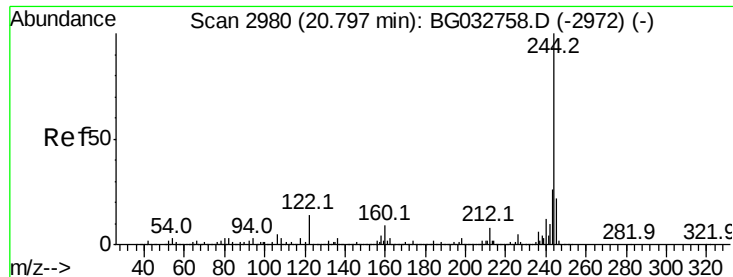


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 107.407 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

Instrument :

BNA_G

ClientSampled :

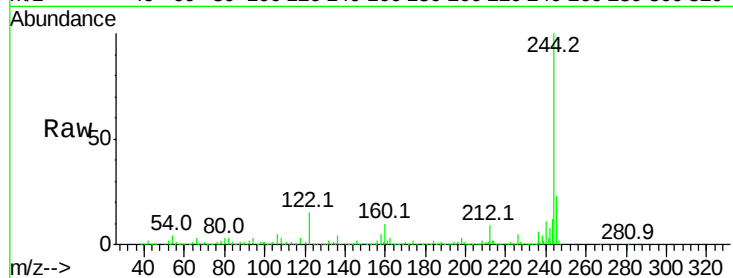
Tot Ion:244 Resp: 1509254

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

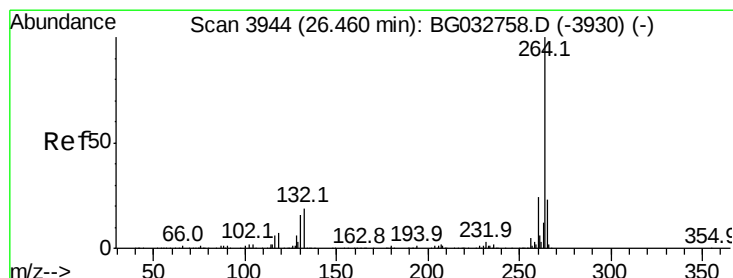
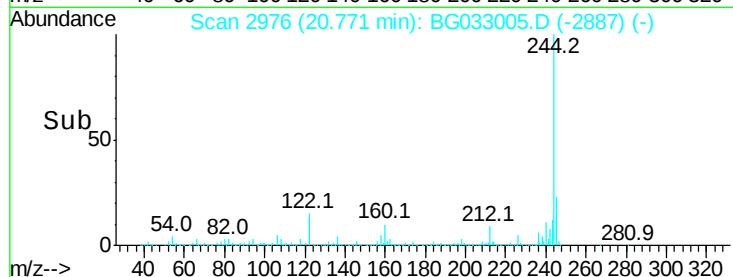
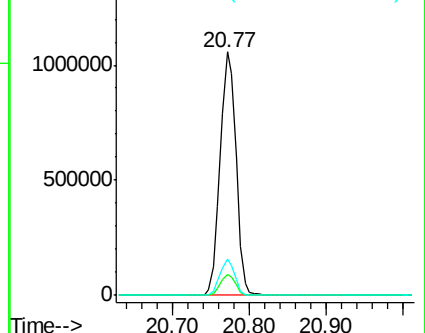
122 14.8 7.0 10.4#



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: 26.42 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BG033005.D

Acq: 6 Mar 2018 2:08

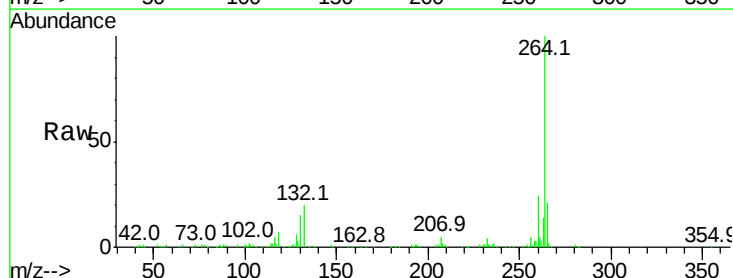
Tgt Ion:264 Resp: 296904

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.4 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

