

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033326.D
 Acq On : 26 Mar 2018 13:02
 Operator : SJ/JU
 Sample : J1994-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 26 14:30:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

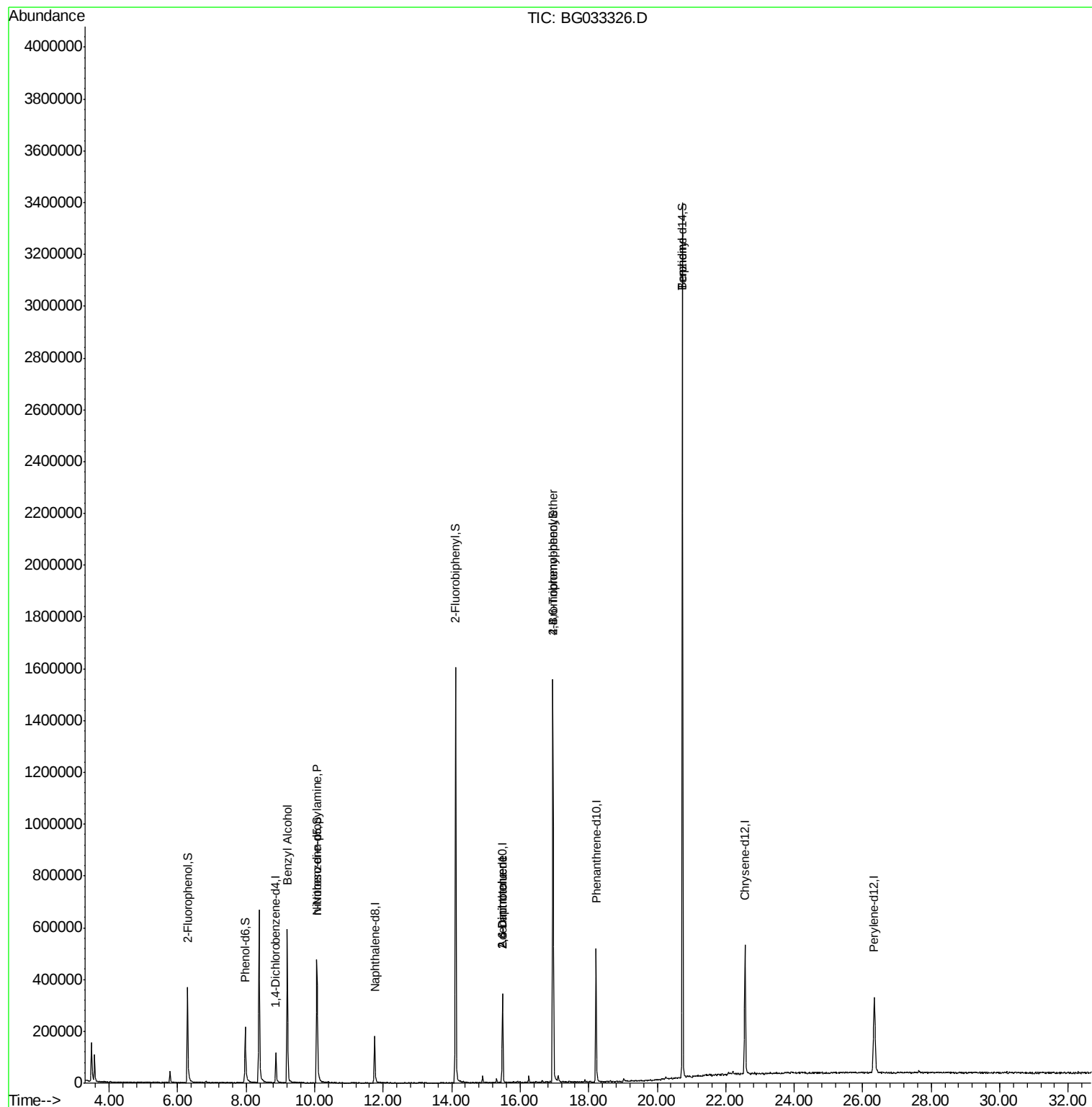
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42117	20.00	ng	-0.04
21) Naphthalene-d8	11.75	136	170881	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	134798	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	362723	20.00	ng	-0.02
75) Chrysene-d12	22.57	240	378557	20.00	ng	-0.03
86) Perylene-d12	26.34	264	412580	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	183626	81.75	ng	-0.02
7) Phenol-d6	7.97	99	164341	42.58	ng	-0.02
23) Nitrobenzene-d5	10.07	82	376914	101.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	328047	162.72	ng	-0.02
44) 2-Fluorobiphenyl	14.11	172	904051	96.82	ng	-0.02
78) Terphenyl-d14	20.74	244	1721238	97.24	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.21	79	6262	2.061	ng	# 56
19) n-Nitroso-di-n-propylamine	10.07	70	50114	17.721	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	17392	7.251	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	17392	4.924	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	26411	6.200	ng	# 1
76) Benzidine	20.73	184	26719	2.603	ng	# 86

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

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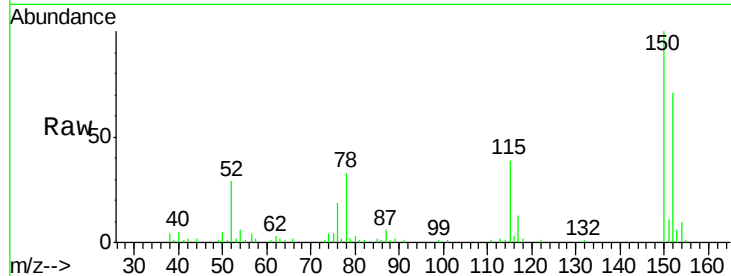


#1

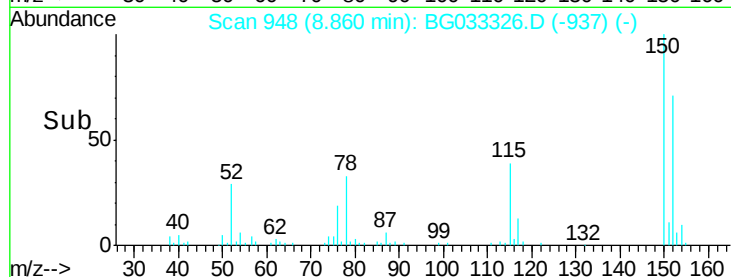
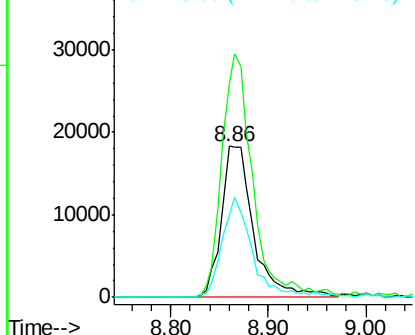
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.04 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	54.6	53.0	79.4



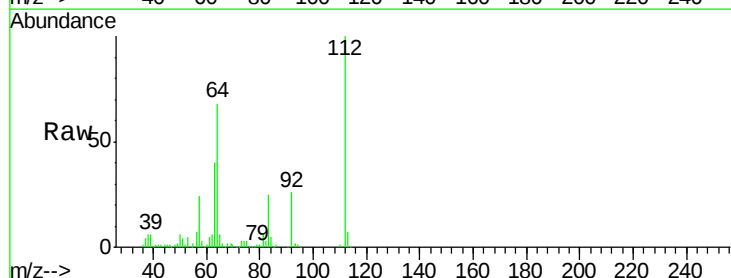
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



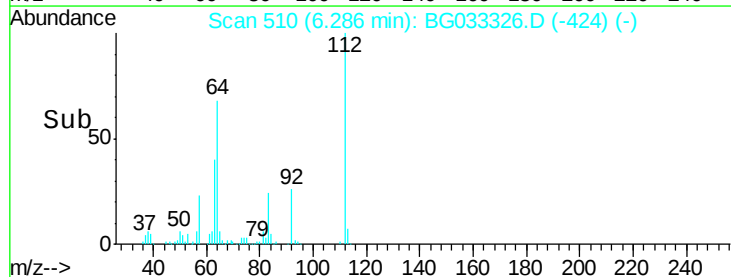
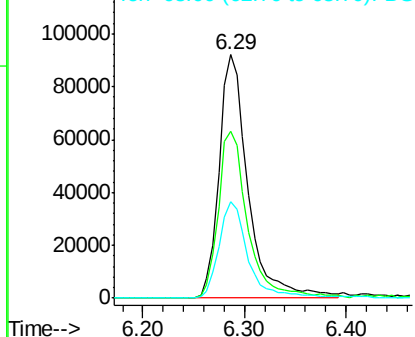
#5

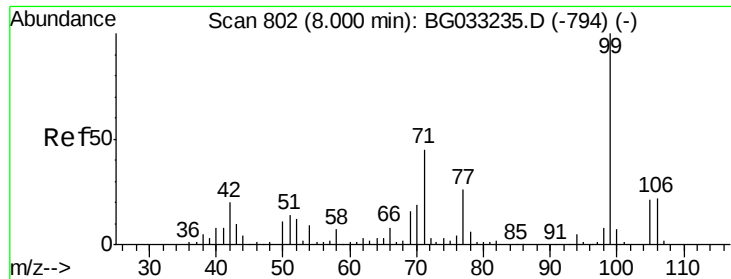
2-Fluorophenol
Concen: 81.753 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	39.7	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: 42.584 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

Instrument :

BNA_G

ClientSampled :

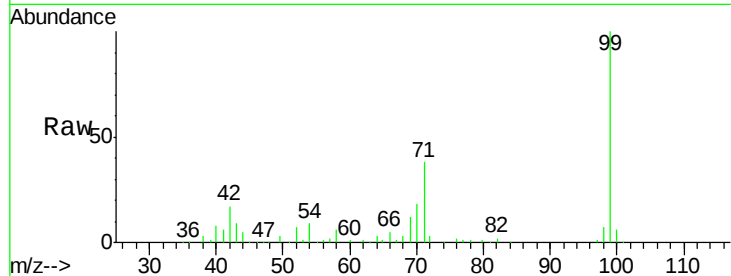
Tot Ion: 99 Resp: 164341

Ion Ratio Lower Upper

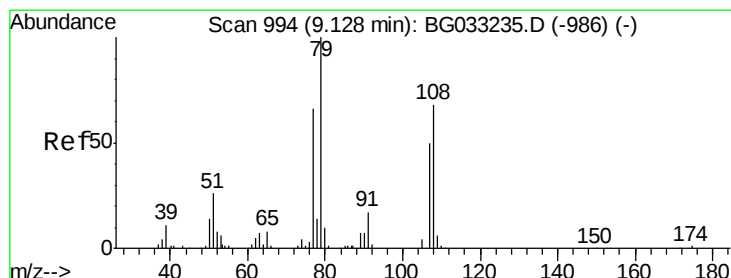
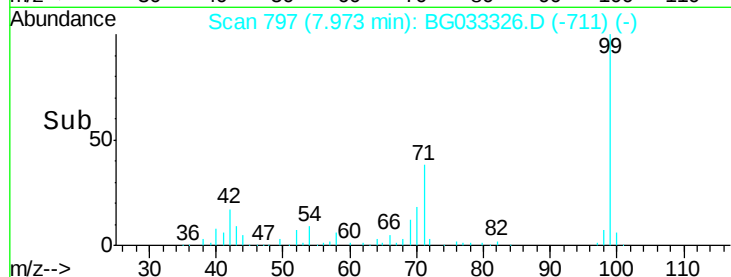
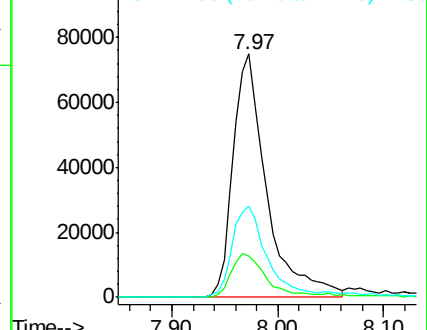
99 100

42 16.9 14.1 21.1

71 37.7 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



#15

Benzyl Alcohol

Concen: 2.061 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.08 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

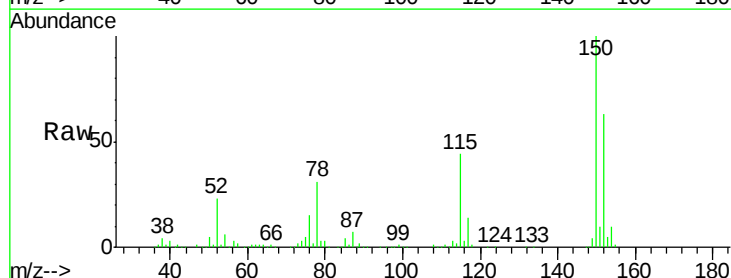
Tgt Ion: 79 Resp: 6262

Ion Ratio Lower Upper

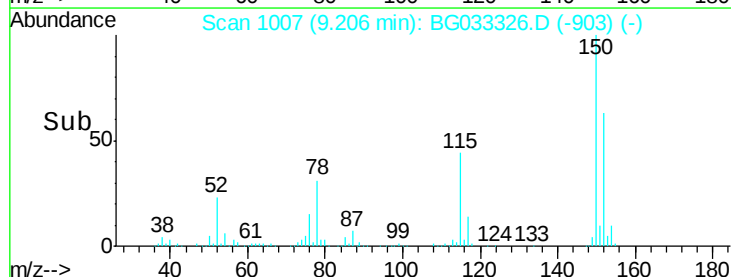
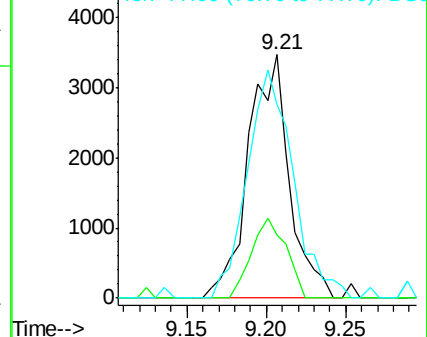
79 100

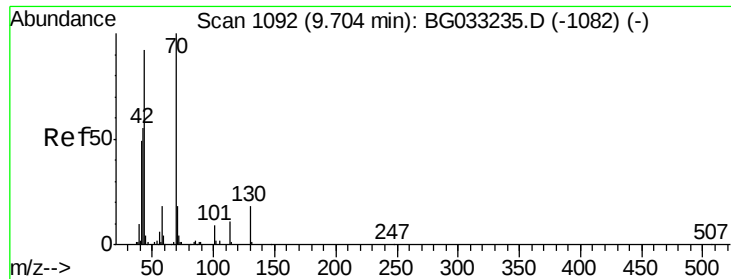
108 26.0 57.2 85.8#

77 79.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

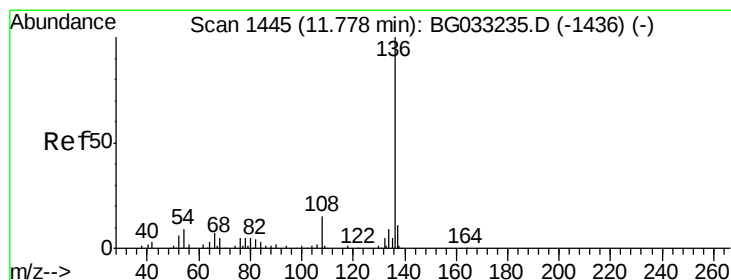
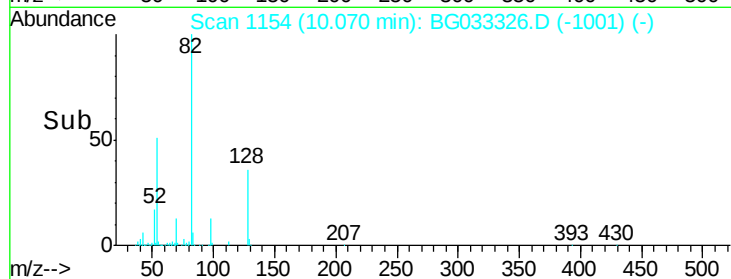
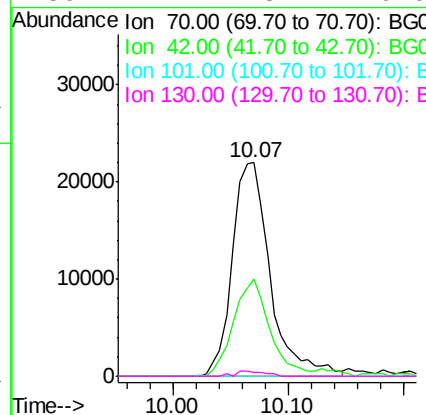
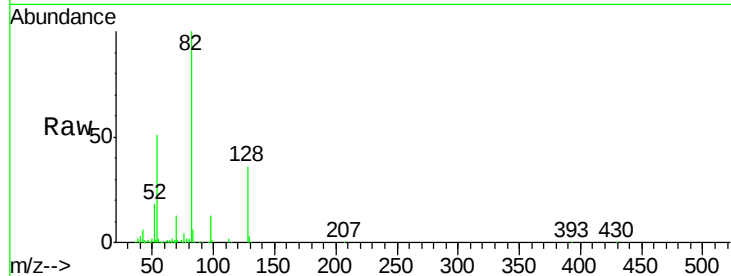




#19
n-Nitroso-di-n-propylamine
Concen: 17.721 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.37 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

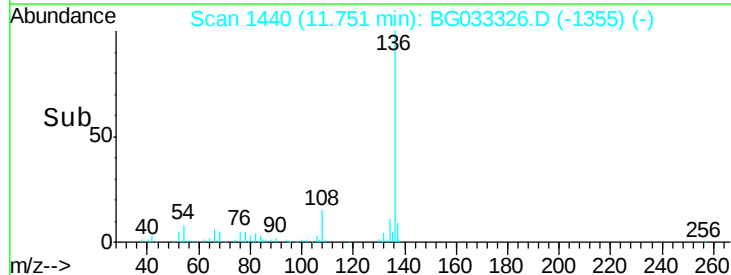
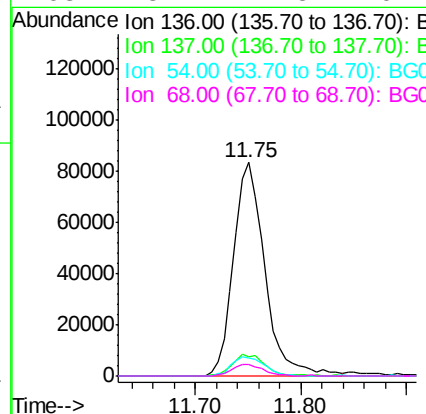
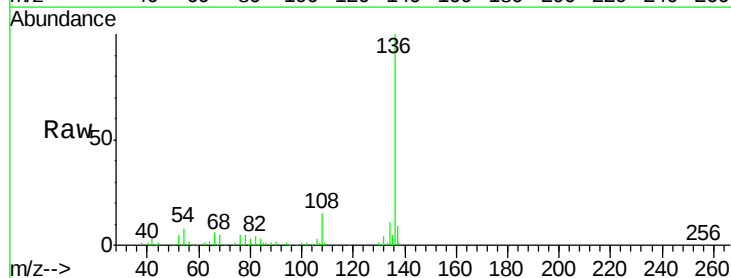
Instrument :
BNA_G
ClientSampleId :

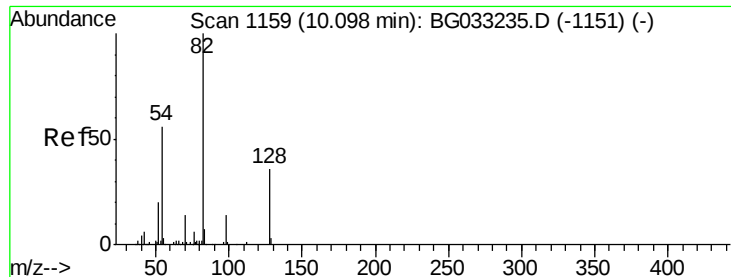
Tot Ion: 70 Resp: 50114
Ion Ratio Lower Upper
70 100
42 45.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Tgt Ion: 136 Resp: 170881
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 8.3 10.3 15.5#
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 101.339 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

Instrument :

BNA_G

ClientSampleId :

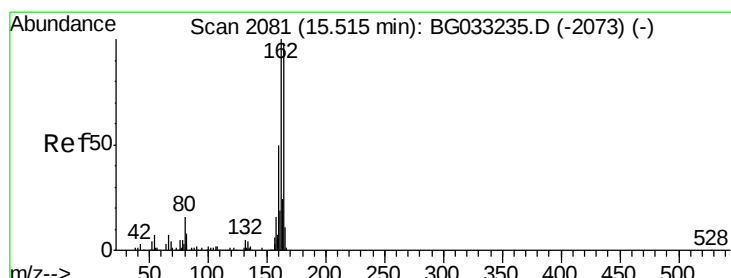
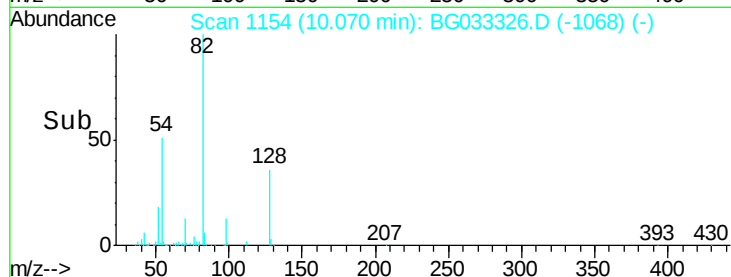
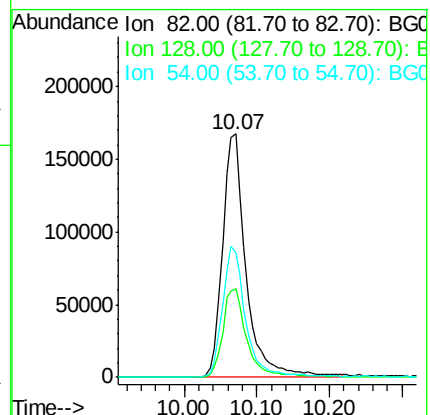
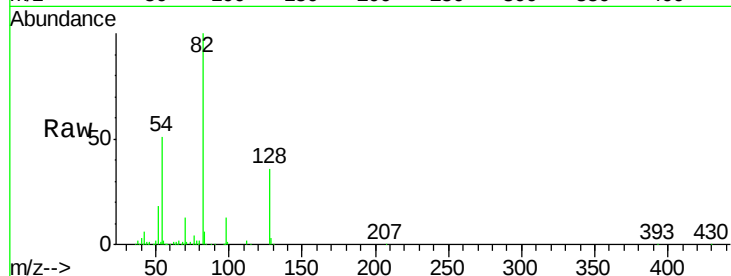
Tot Ion: 82 Resp: 376914

Ion Ratio Lower Upper

82 100

128 36.3 29.7 44.5

54 50.9 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

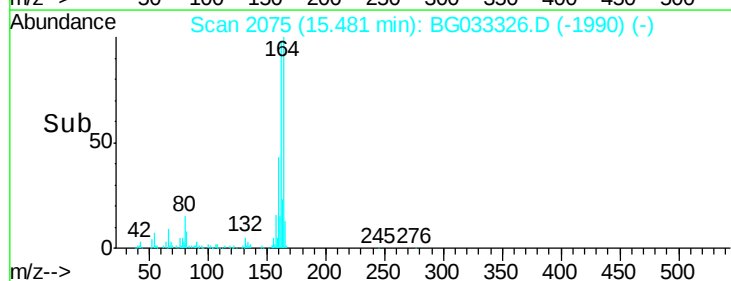
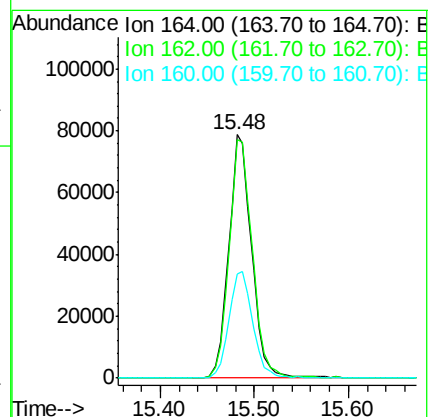
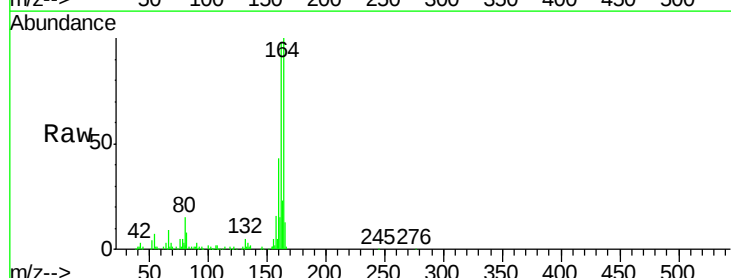
Tgt Ion: 164 Resp: 134798

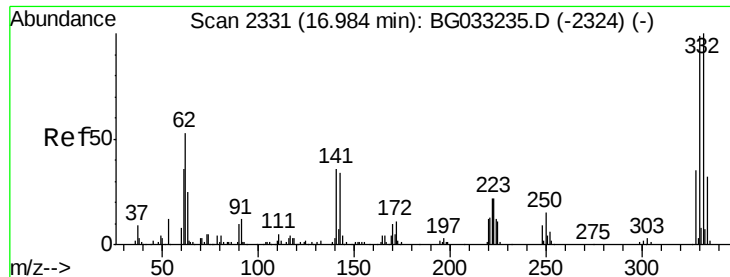
Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

160 42.9 35.4 53.0

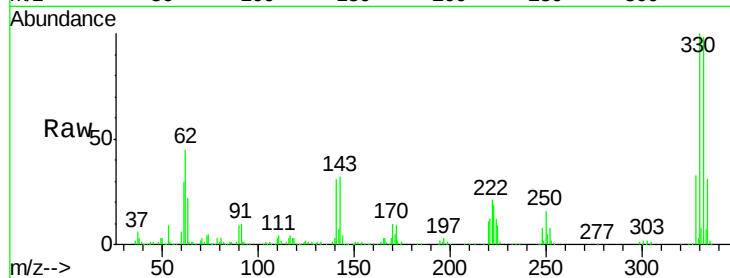




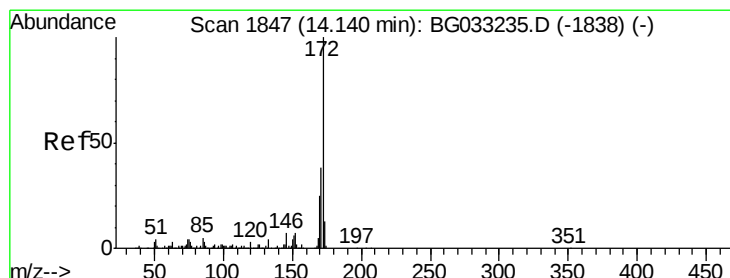
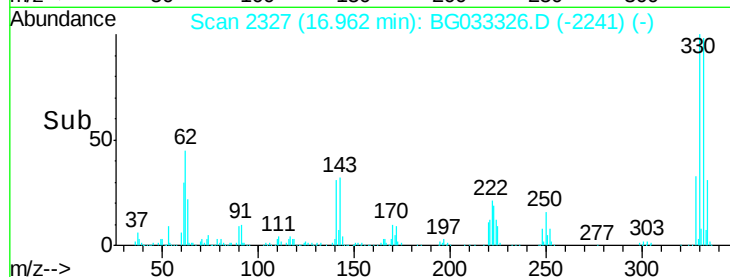
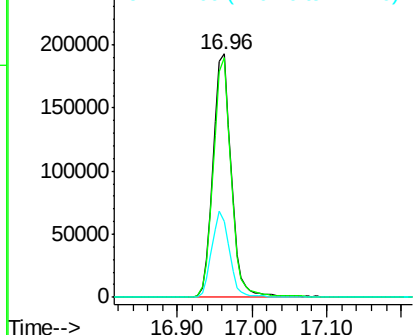
#41
 2,4,6-Tribromophenol
 Concen: 162.717 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.02 min
 Lab File: BG033326.D
 Acq: 26 Mar 2018 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.2	25.2	37.8

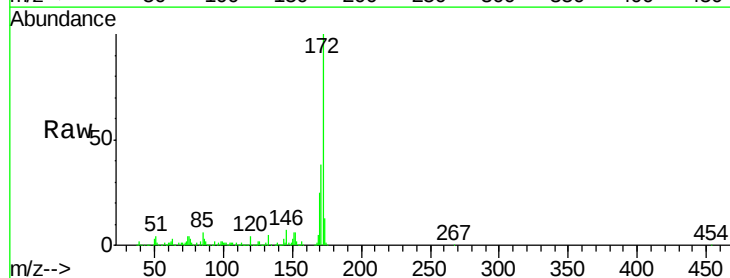


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

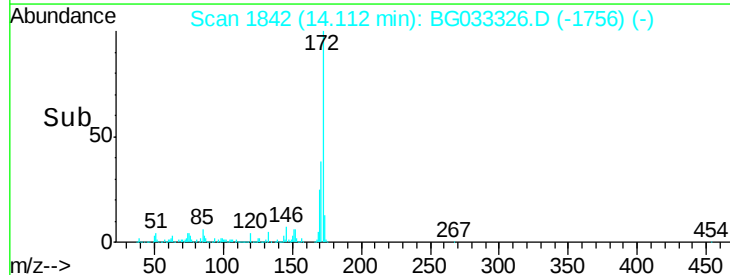
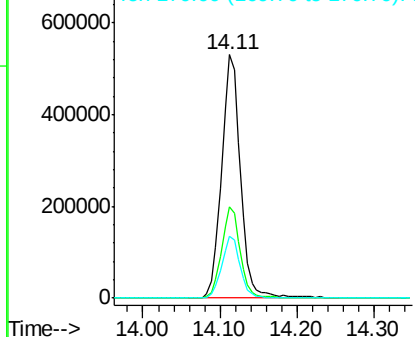


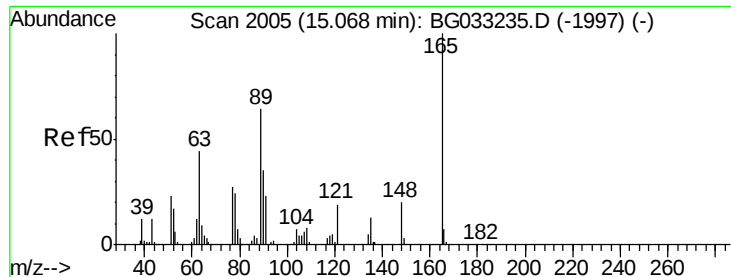
#44
 2-Fluorobiphenyl
 Concen: 96.820 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033326.D
 Acq: 26 Mar 2018 13:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.3	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

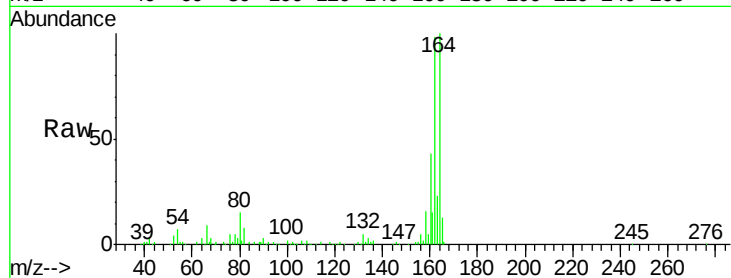




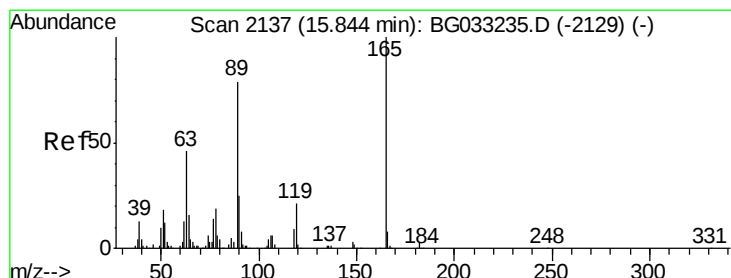
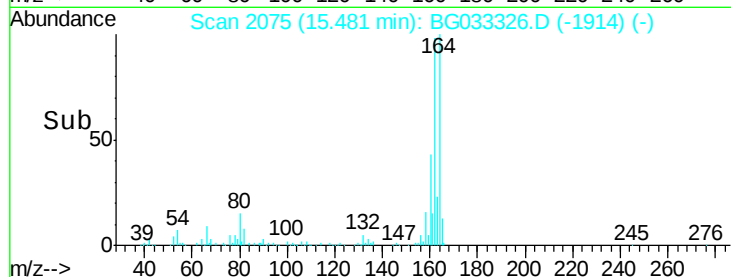
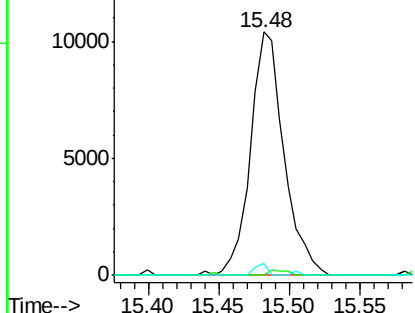
#50
2,6-Dinitrotoluene
Concen: 7.251 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.42 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17392
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.9 49.2 73.8#

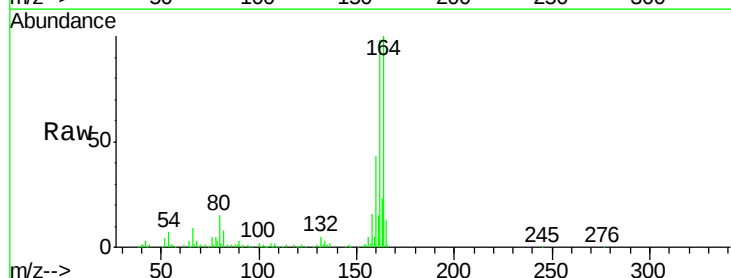


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

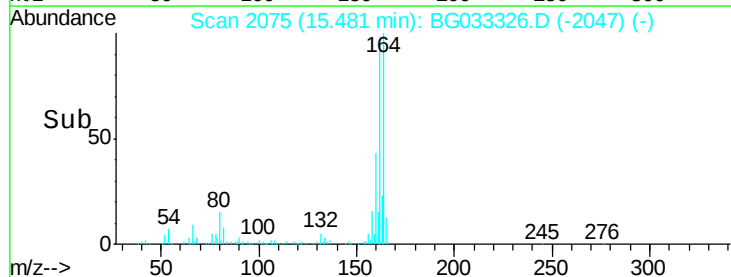
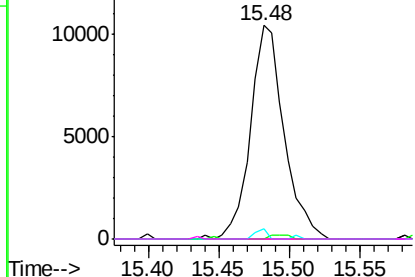


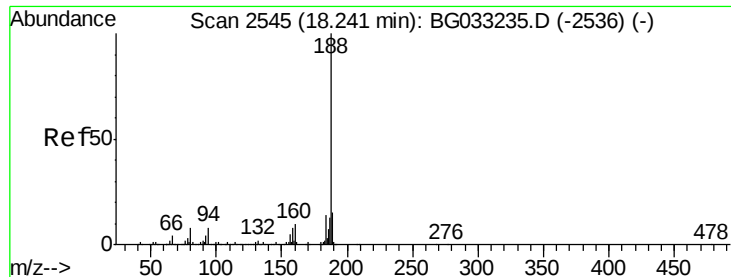
#56
2,4-Dinitrotoluene
Concen: 4.924 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.37 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Tgt Ion:165 Resp: 17392
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.9 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

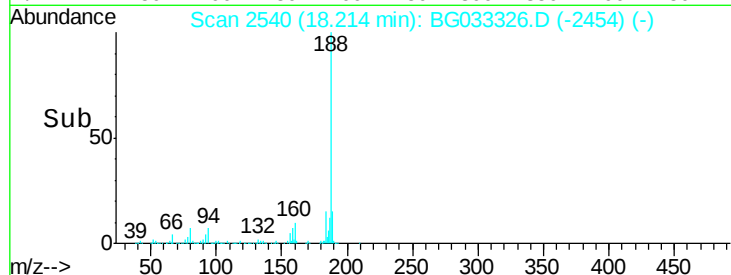
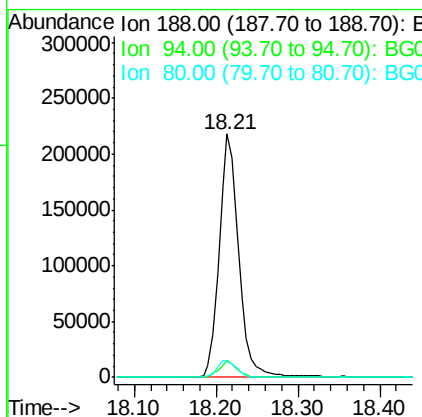
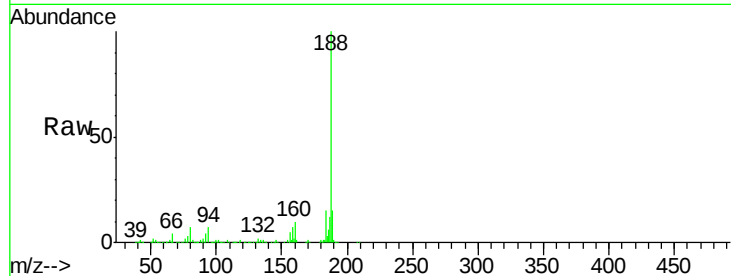




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

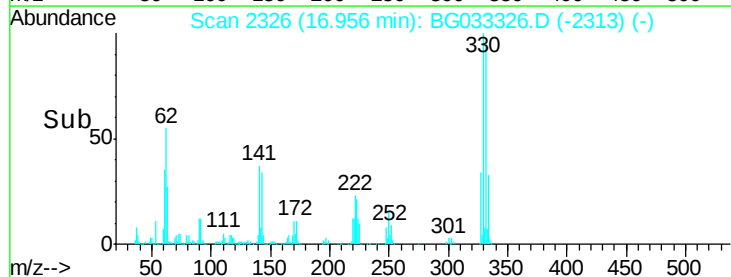
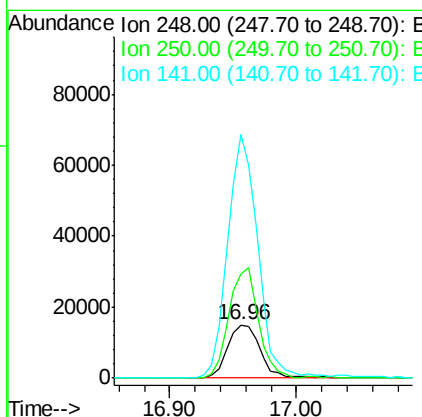
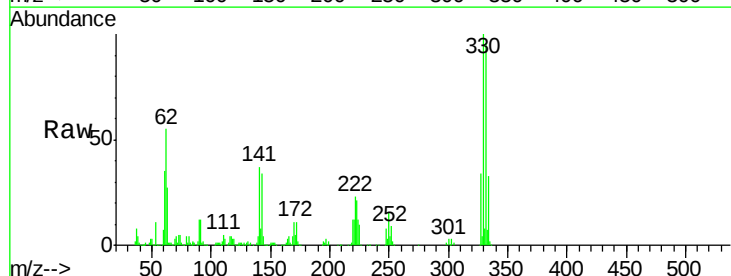
Instrument :
BNA_G
ClientSampled :

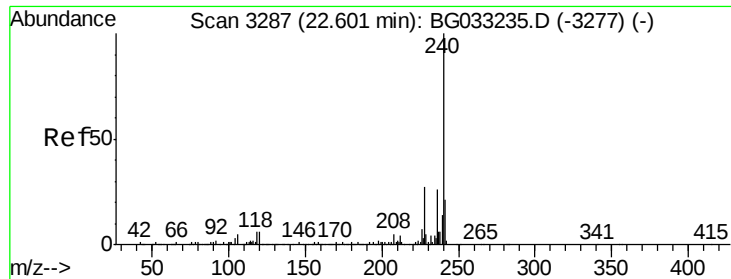
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	6.6	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 6.200 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033326.D
Acq: 26 Mar 2018 13:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.1	115.7#
141	456.8	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.57 min Scan# 3281

Delta R.T. -0.03 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

Instrument :

BNA_G

ClientSampleId :

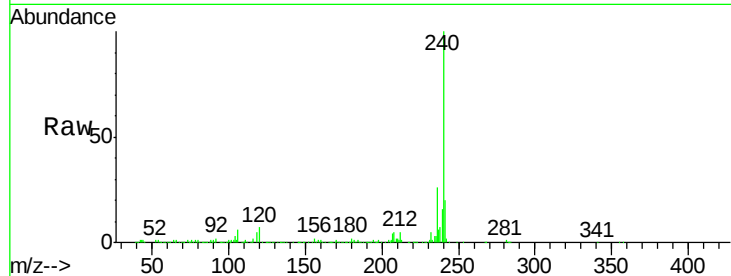
Tot Ion:240 Resp: 378557

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

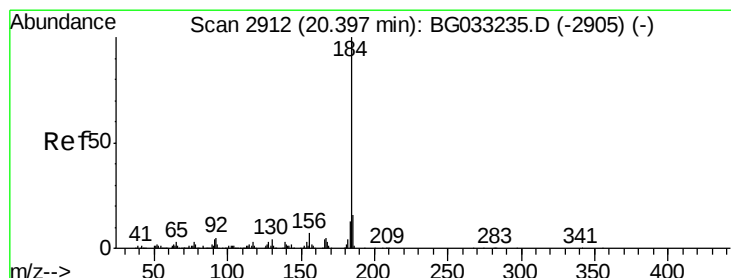
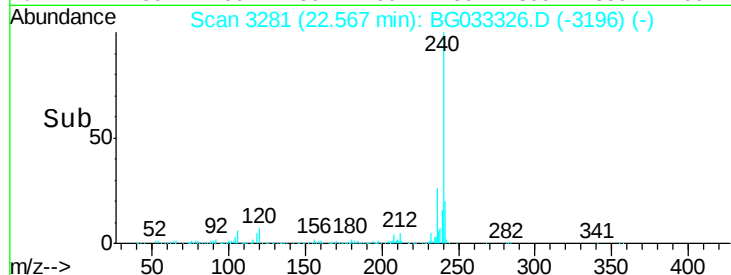
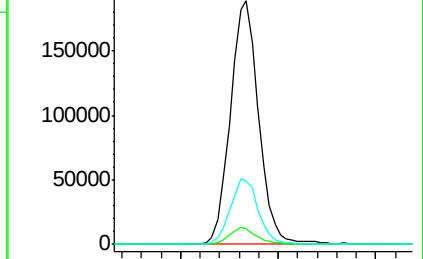
236 25.9 20.9 31.3



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: 2.603 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

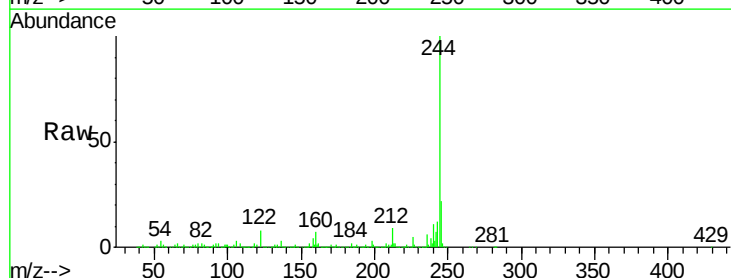
Tgt Ion:184 Resp: 26719

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

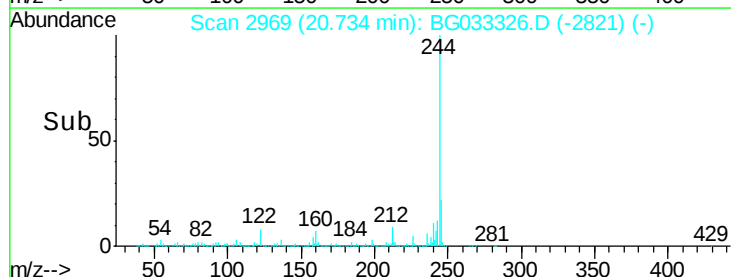
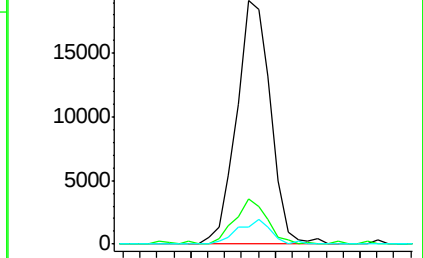
183 6.8 10.6 16.0#

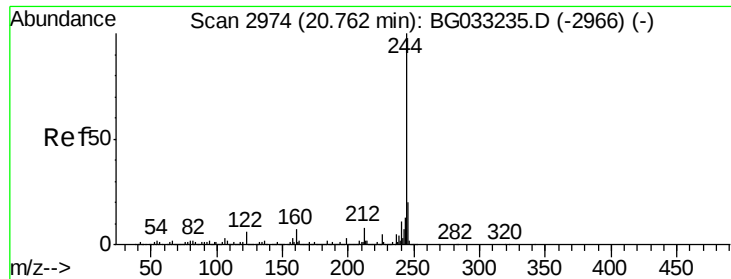


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.239 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

Instrument :

BNA_G

ClientSampleId :

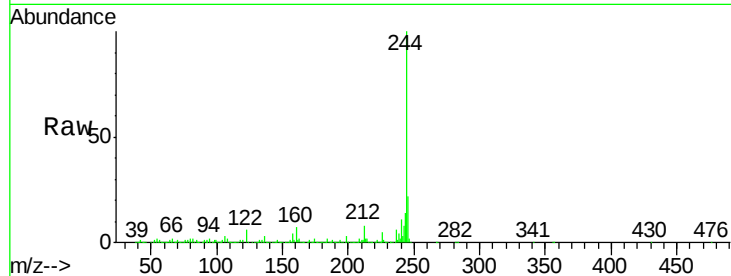
Tot Ion:244 Resp: 1721238

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

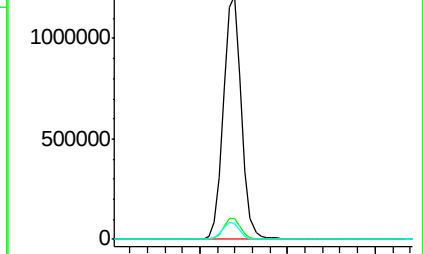
122 6.2 7.0 10.4#



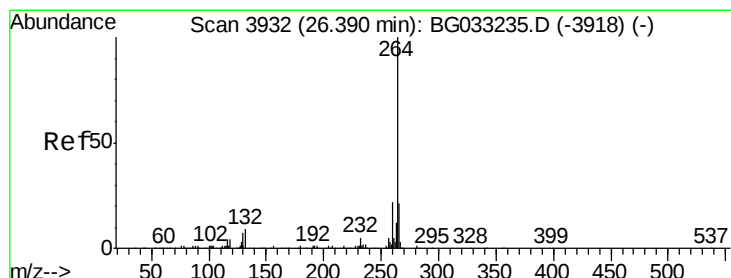
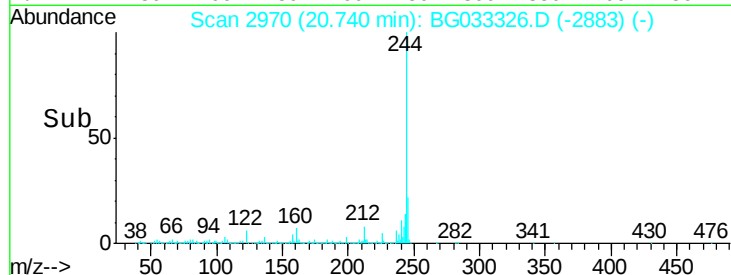
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.34 min Scan# 3923

Delta R.T. -0.05 min

Lab File: BG033326.D

Acq: 26 Mar 2018 13:02

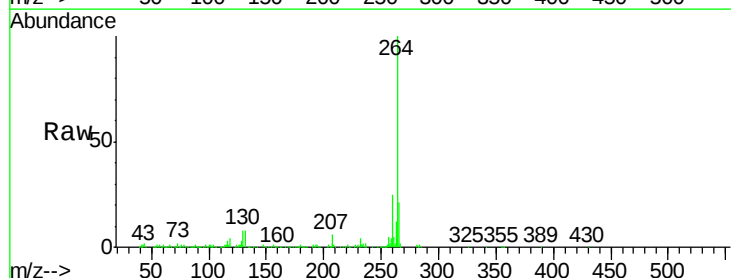
Tgt Ion:264 Resp: 412580

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

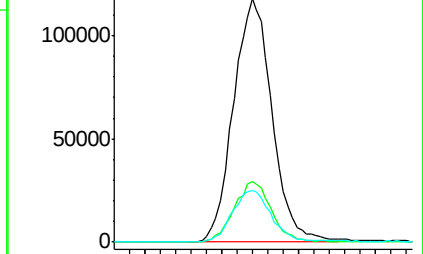
265 21.1 17.7 26.5



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



Time-->

