

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033504.D
 Acq On : 3 Apr 2018 1:39
 Operator : SJ/JU
 Sample : J2114-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:05:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

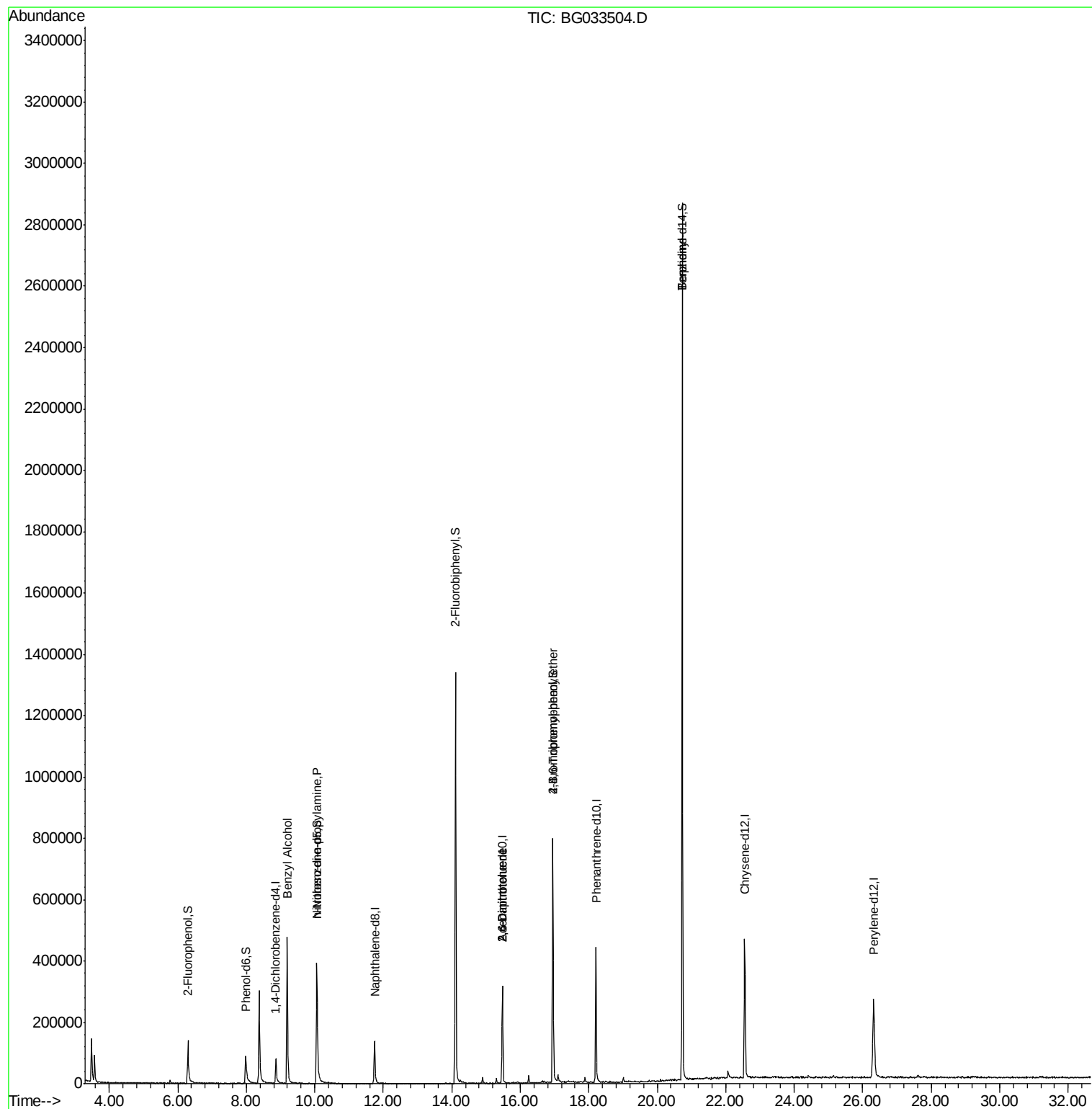
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33236	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	147333	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118254	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	329639	20.00	ng	0.00
75) Chrysene-d12	22.55	240	335643	20.00	ng	0.00
86) Perylene-d12	26.32	264	352544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	81868	46.19	ng	0.00
7) Phenol-d6	7.98	99	69818	22.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	305543	95.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	169141	95.63	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	787608	96.15	ng	0.00
78) Terphenyl-d14	20.73	244	1464405	93.31	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5203	2.170	ng	# 55
19) n-Nitroso-di-n-propylamine	10.06	70	41724	18.697	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	15339	7.289	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	15339	4.951	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13261	3.425	ng	# 1
76) Benzidine	20.73	184	24864	2.732	ng	# 89

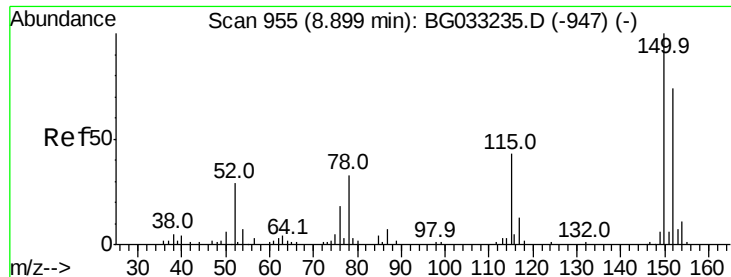
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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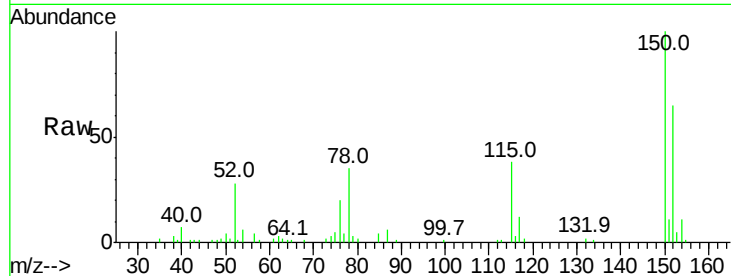


#1

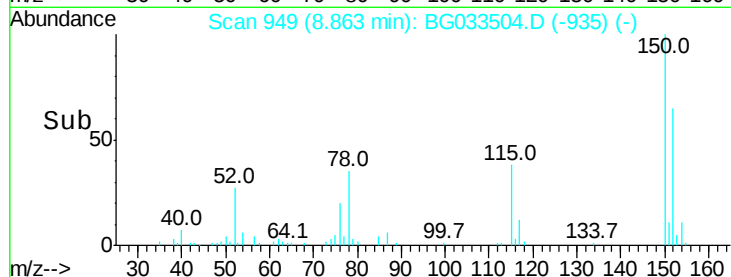
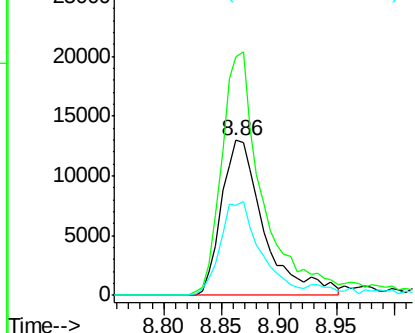
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33236
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 58.3 53.0 79.4



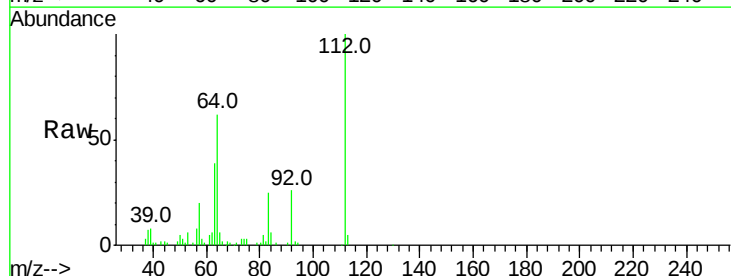
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



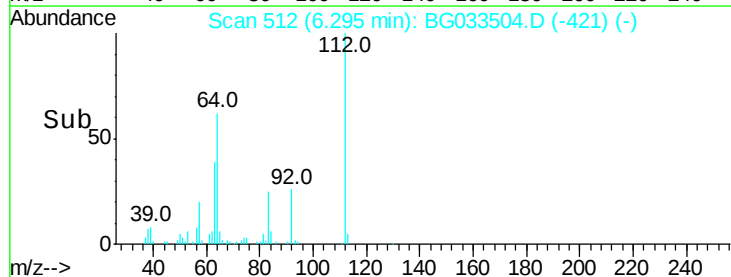
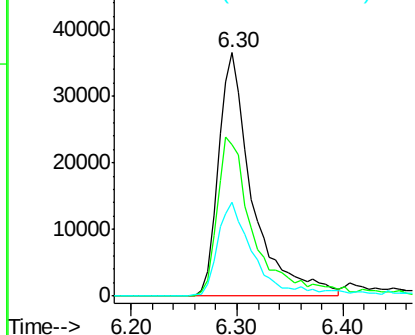
#5

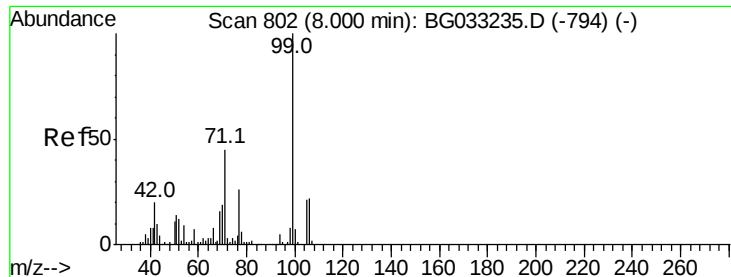
2-Fluorophenol
Concen: 46.189 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Tgt Ion:112 Resp: 81868
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 38.5 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: 22.925 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

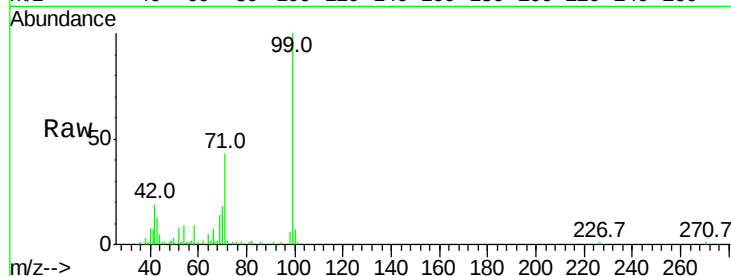
Tot Ion: 99 Resp: 69818

Ion Ratio Lower Upper

99 100

42 18.9 14.1 21.1

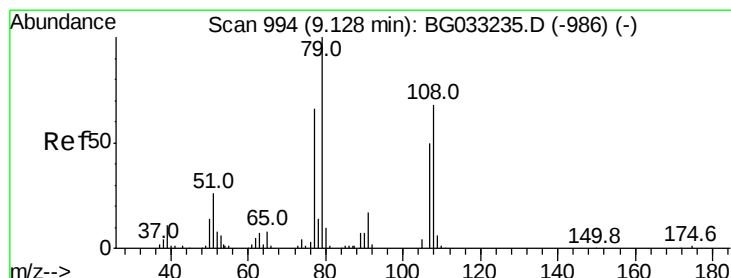
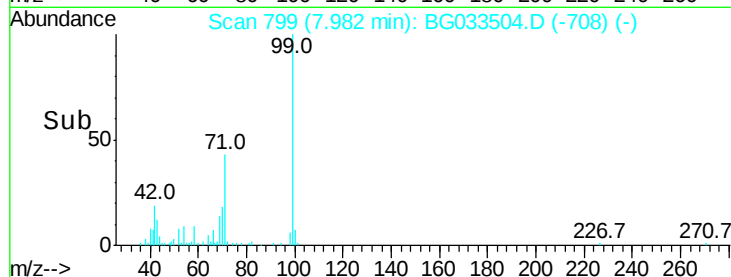
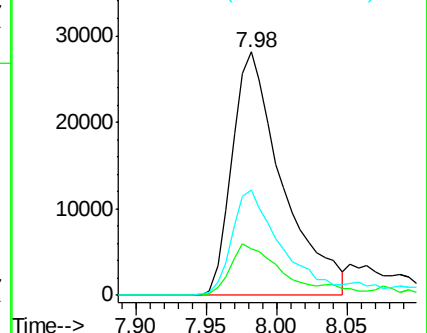
71 43.1 26.1 39.1#



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: 2.170 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

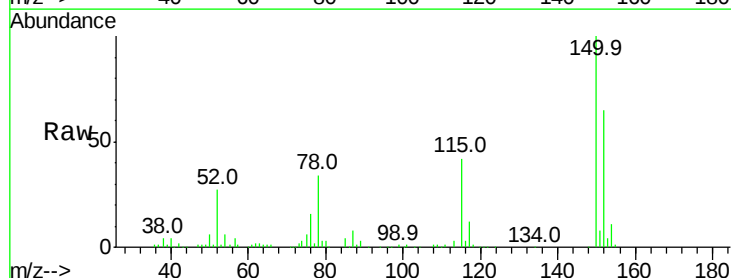
Tgt Ion: 79 Resp: 5203

Ion Ratio Lower Upper

79 100

108 26.8 57.2 85.8#

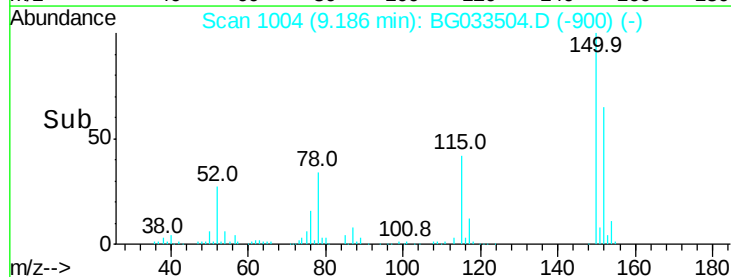
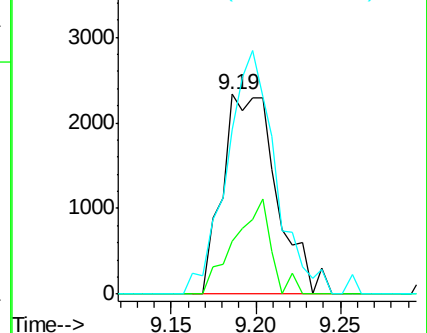
77 82.1 46.1 69.1#

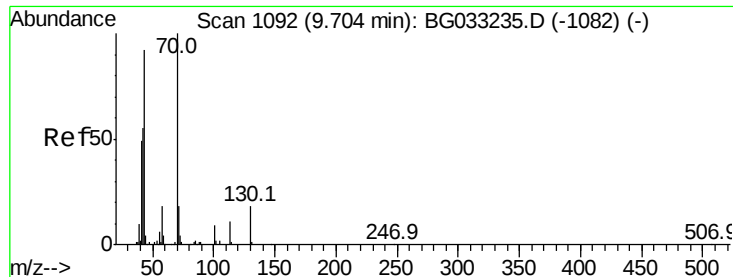


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

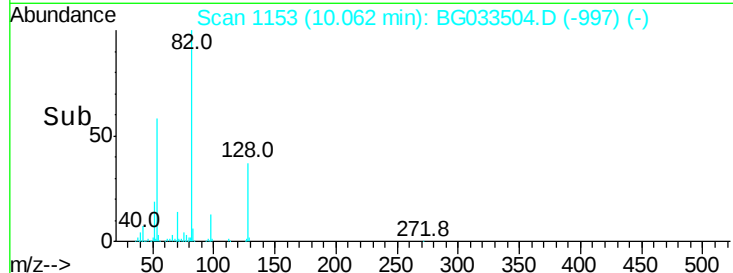
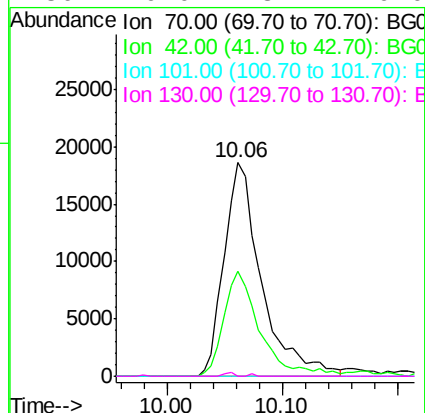
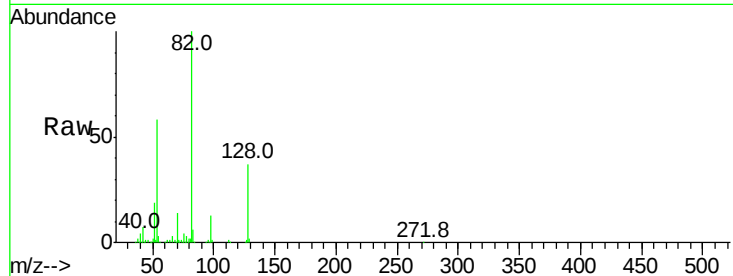




#19
n-Nitroso-di-n-propylamine
Concen: 18.697 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

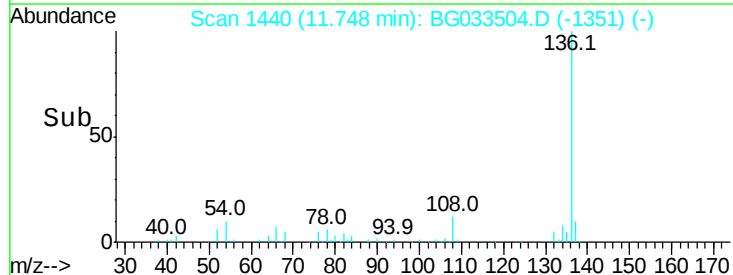
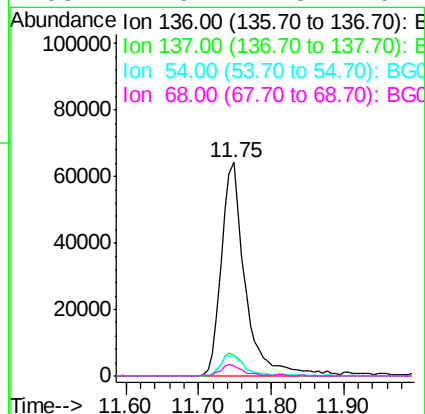
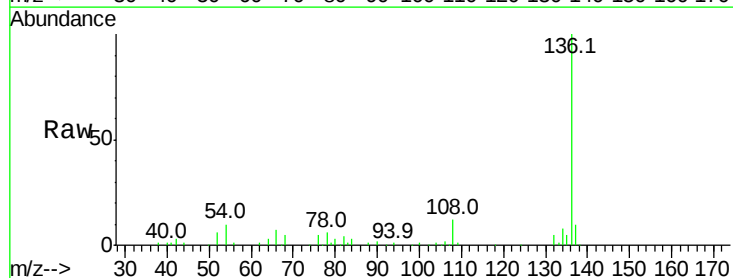
Instrument :
BNA_G
ClientSampleId :

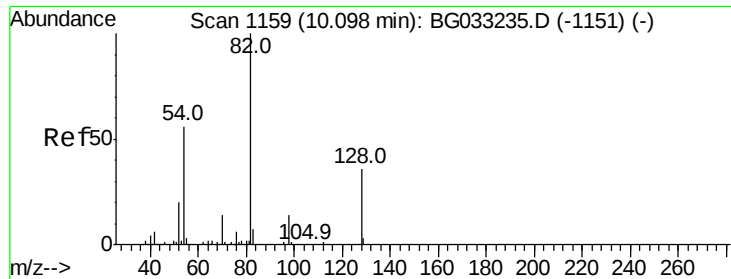
Tot Ion: 70 Resp: 41724
Ion Ratio Lower Upper
70 100
42 49.3 49.1 73.7
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Tgt Ion: 136 Resp: 147333
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 9.7 10.3 15.5#
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 95.280 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

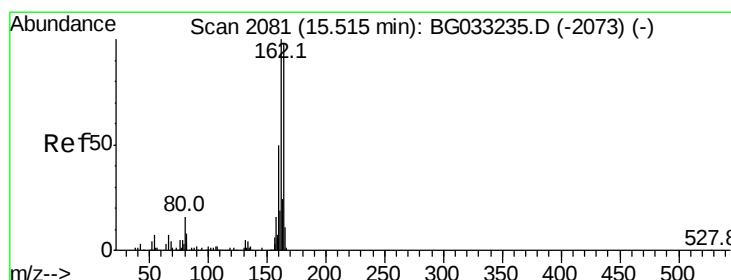
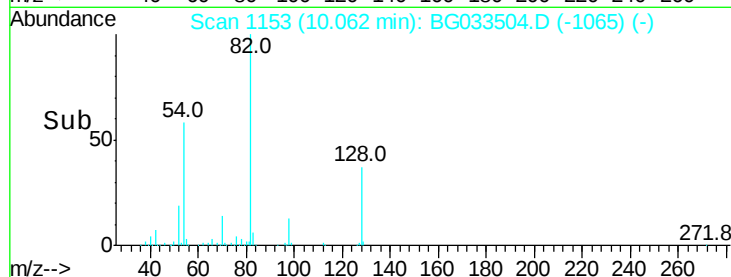
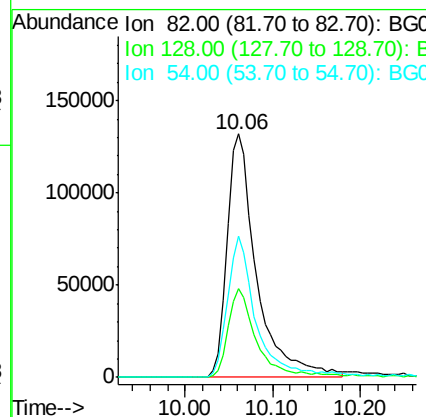
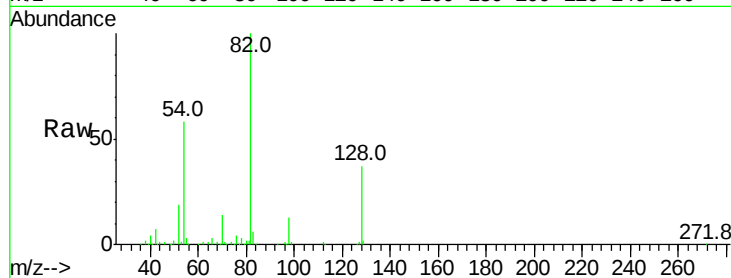
Tot Ion: 82 Resp: 305543

Ion Ratio Lower Upper

82 100

128 36.7 29.7 44.5

54 57.9 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

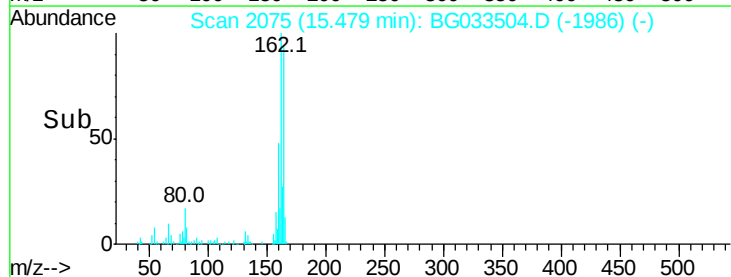
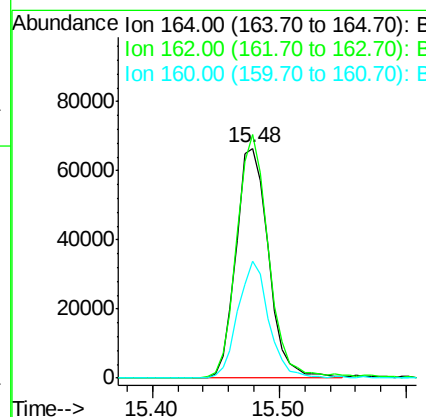
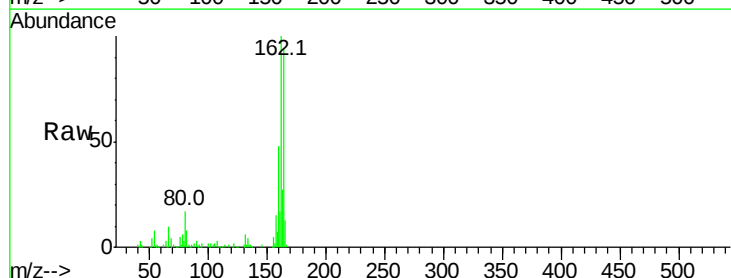
Tgt Ion: 164 Resp: 118254

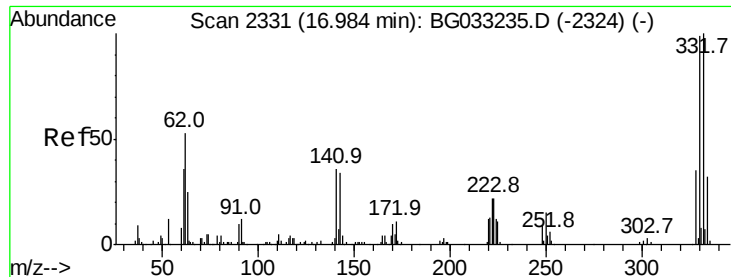
Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

160 50.6 35.4 53.0

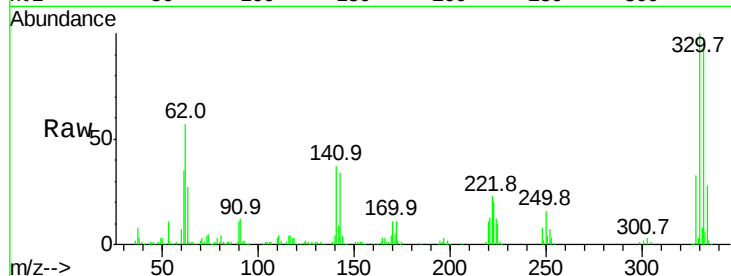




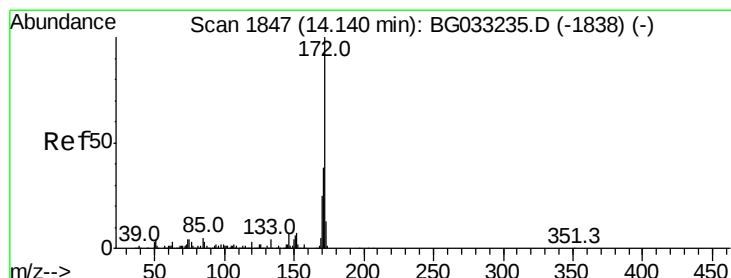
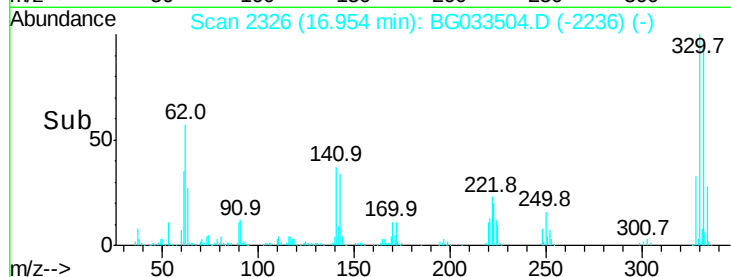
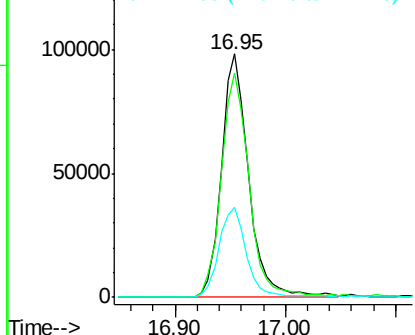
#41
 2,4,6-Tribromophenol
 Concen: 95.634 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 169141
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.7 25.2 37.8

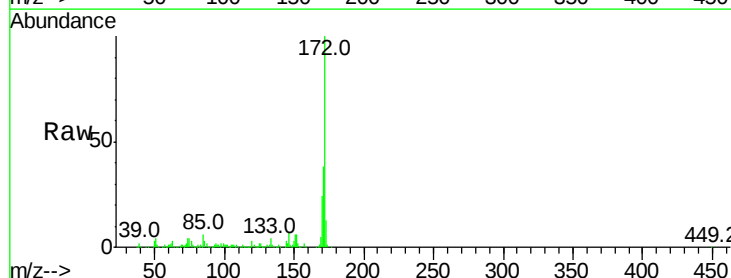


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

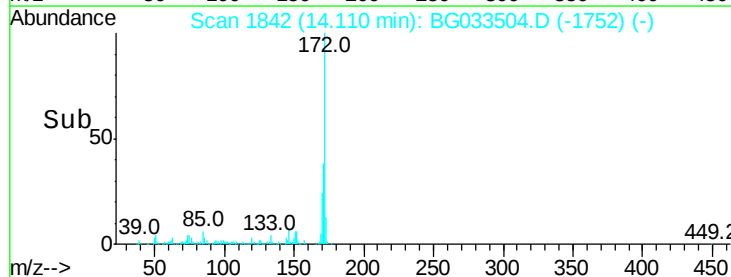
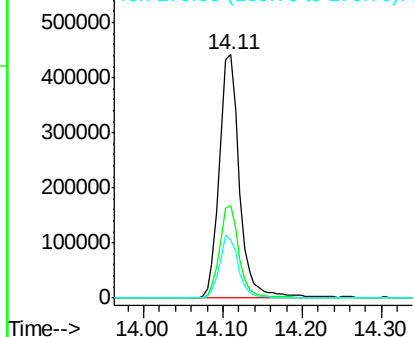


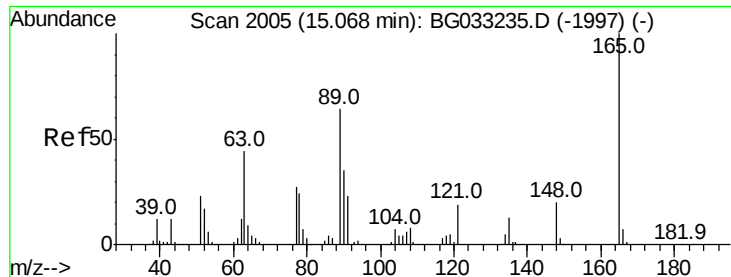
#44
 2-Fluorobiphenyl
 Concen: 96.151 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion:172 Resp: 787608
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.8 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

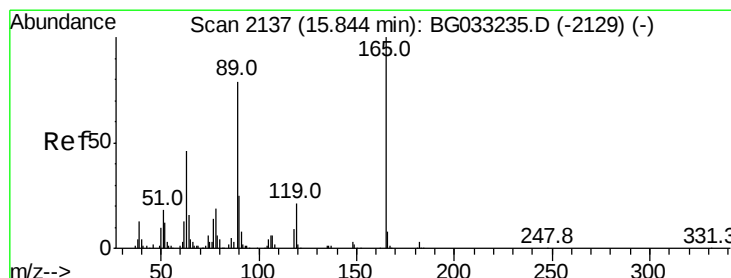
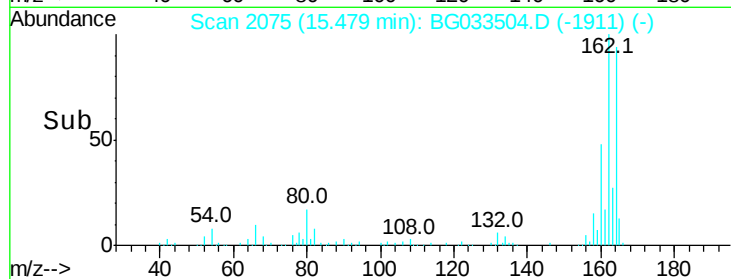
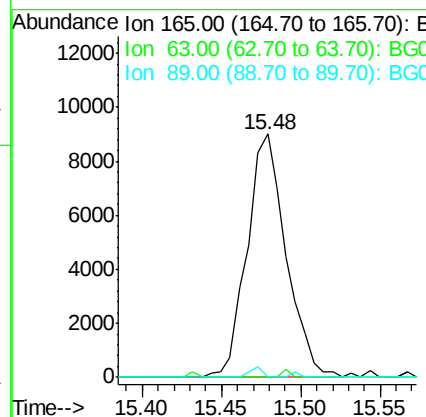
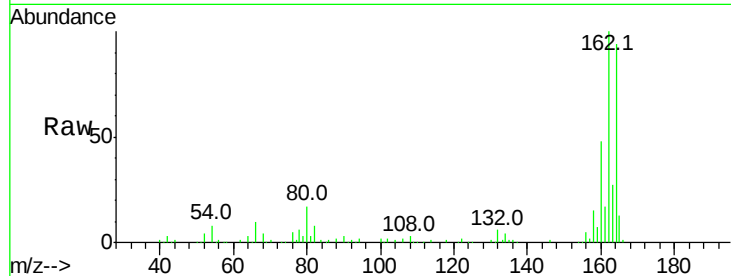




#50
 2,6-Dinitrotoluene
 Concen: 7.289 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

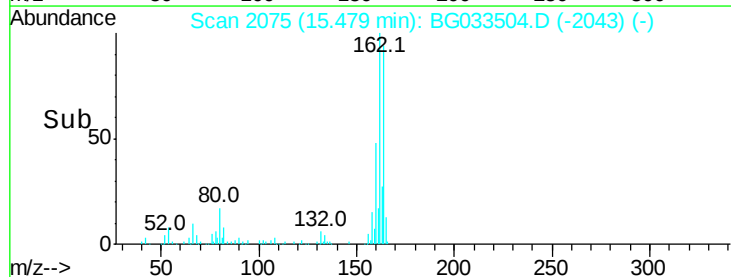
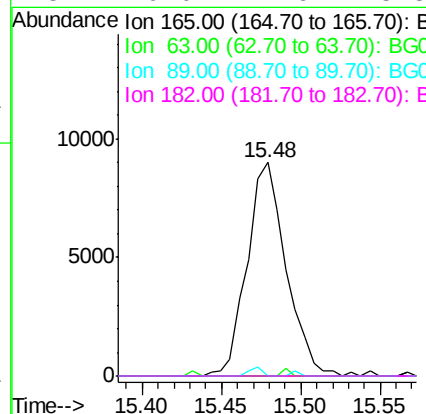
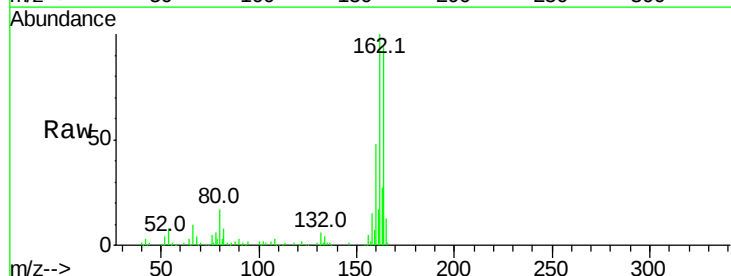
Instrument :
 BNA_G
 ClientSampleId :

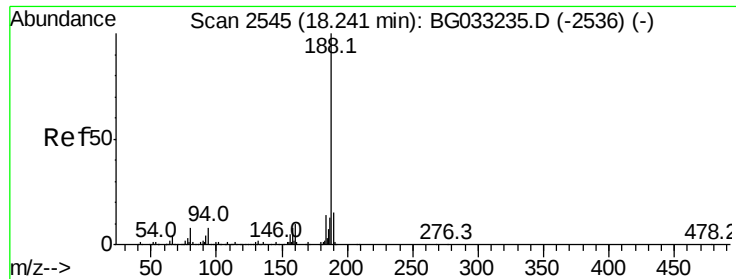
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.951 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

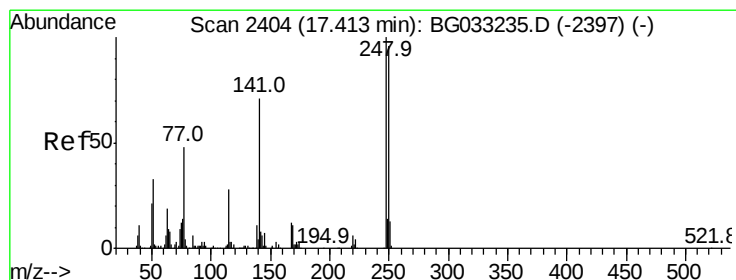
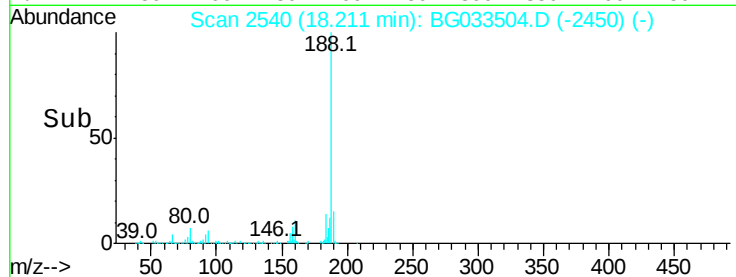
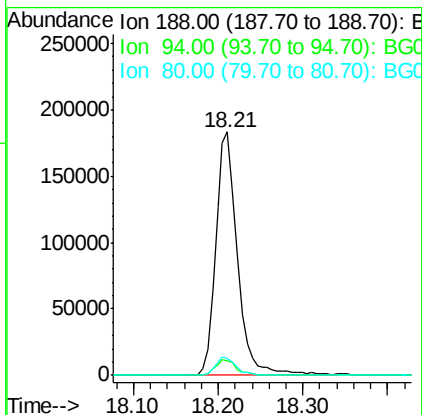
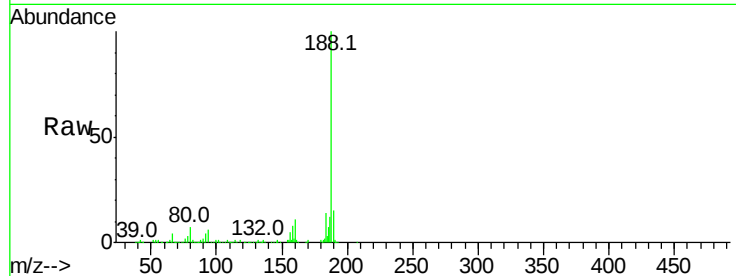




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

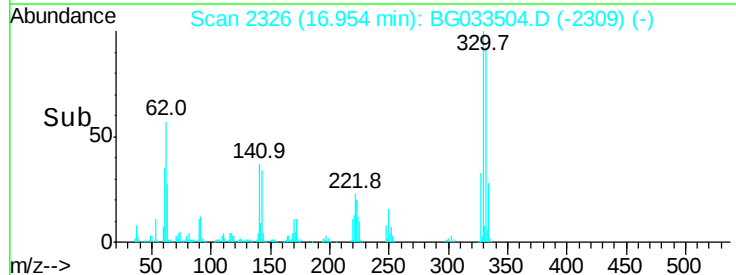
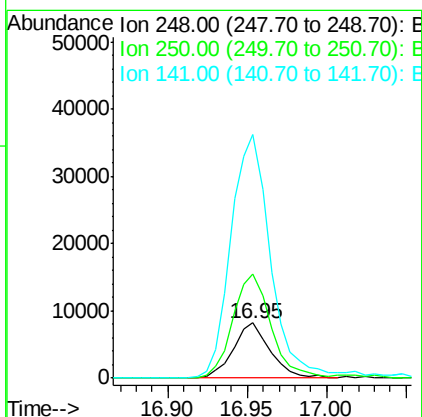
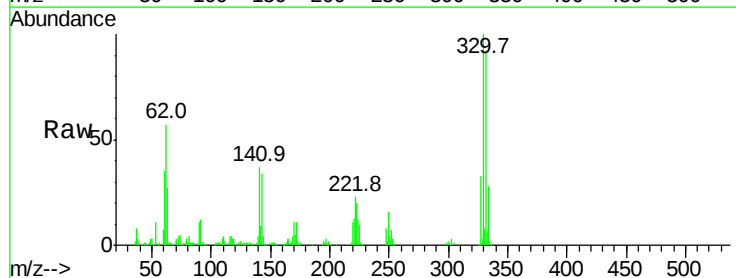
Instrument :
 BNA_G
 ClientSampled :

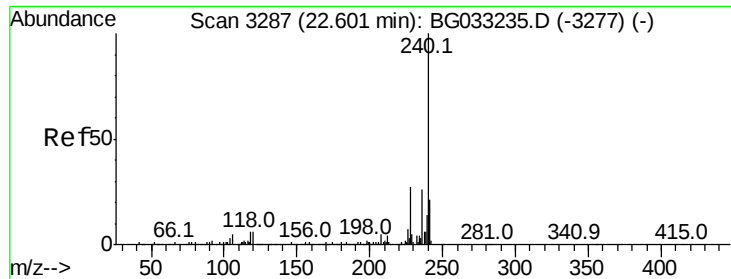
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.0	7.7	11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.425 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.4	77.1	115.7#
141	442.5	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

Instrument :

BNA_G

ClientSampled :

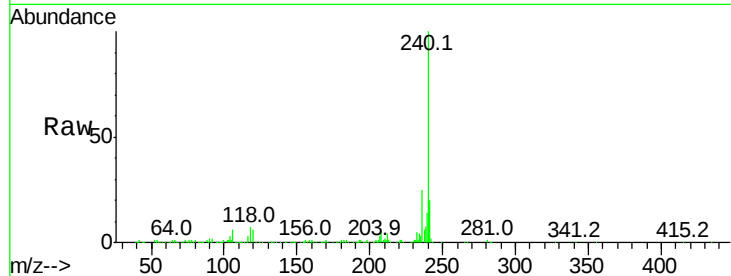
Tot Ion:240 Resp: 335643

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

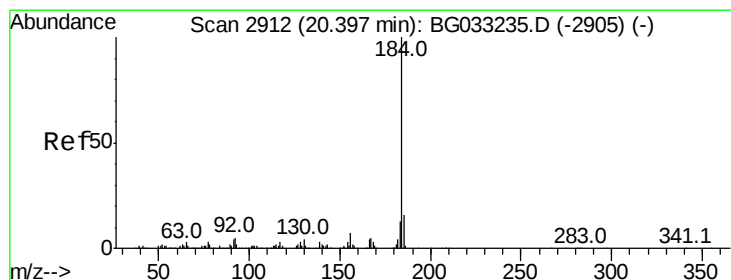
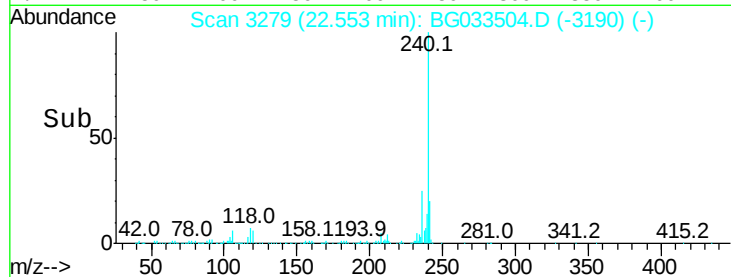
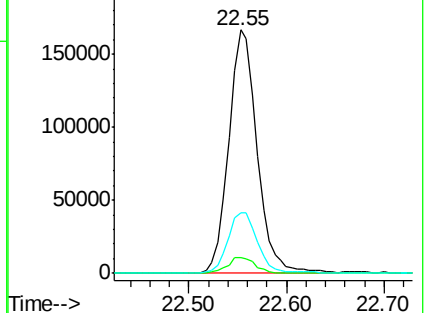
236 25.1 20.9 31.3



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: 2.732 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

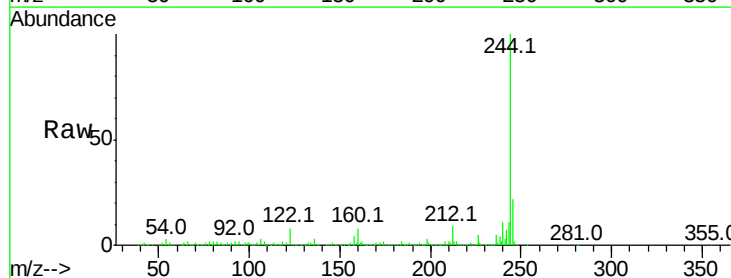
Tgt Ion:184 Resp: 24864

Ion Ratio Lower Upper

184 100

185 19.9 11.1 16.7#

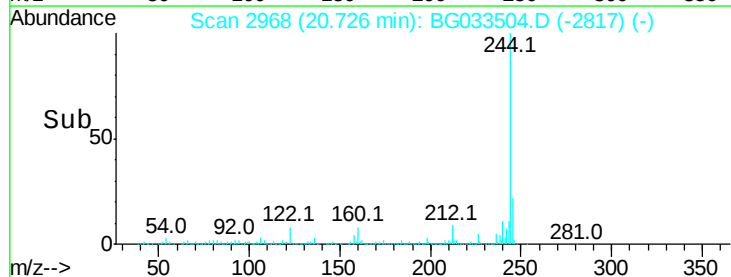
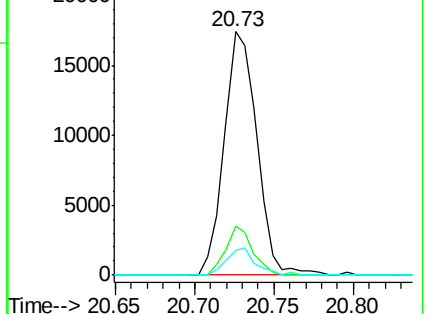
183 10.2 10.6 16.0#

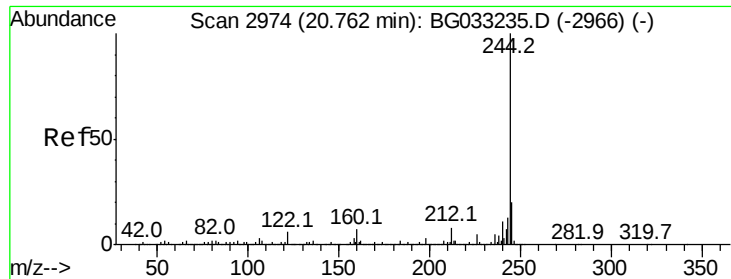


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

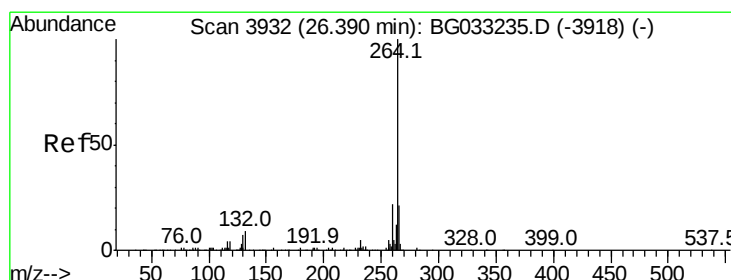
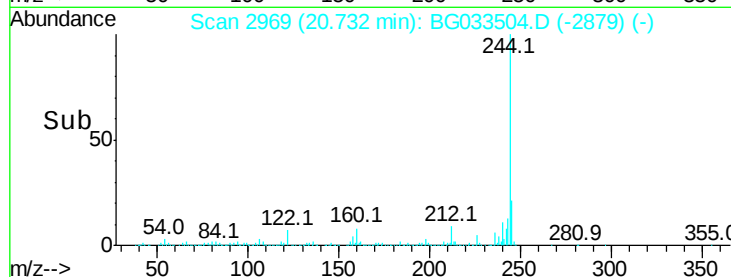
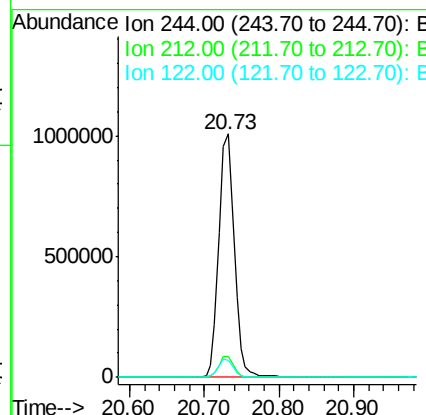
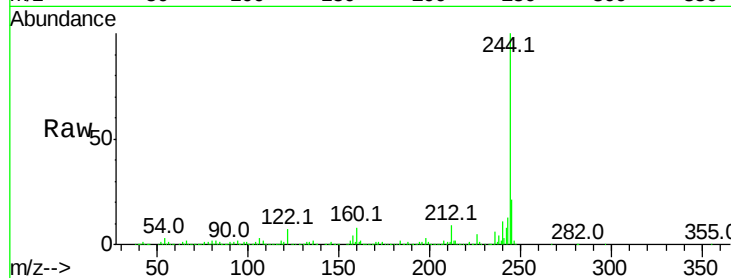




#78
 Terphenyl-d14
 Concen: 93.307 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1464405
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion:264 Resp: 352544
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 23.9 17.7 26.5

