

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033509.D
 Acq On : 3 Apr 2018 4:46
 Operator : SJ/JU
 Sample : J2114-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 07:23:18 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

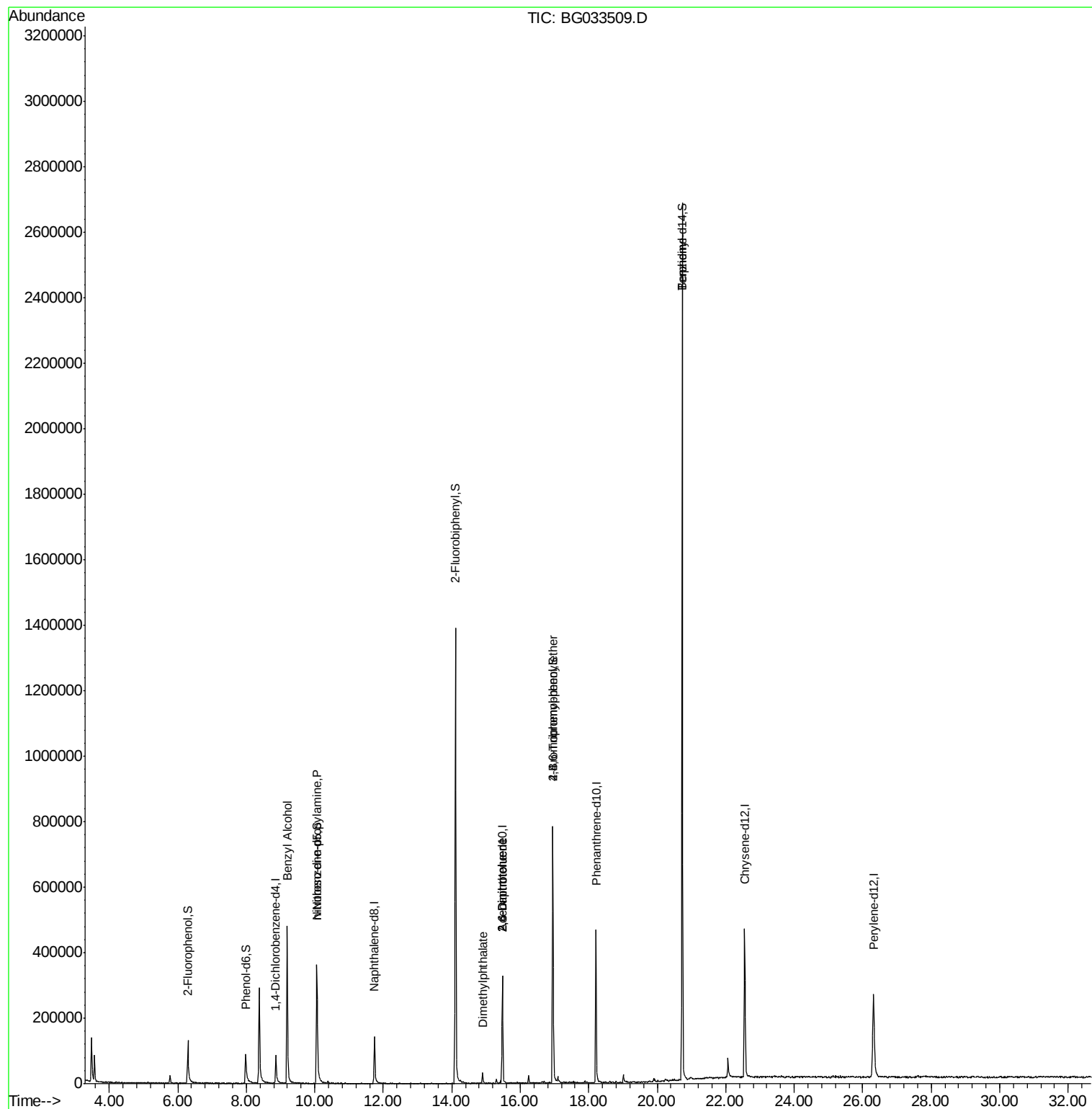
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31957	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146972	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121768	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	329818	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329484	20.00	ng	0.00
86) Perylene-d12	26.32	264	354943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	71010	41.67	ng	0.00
7) Phenol-d6	7.98	99	75442	25.76	ng	0.00
23) Nitrobenzene-d5	10.06	82	300334	93.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	162043	88.98	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	789511	93.60	ng	0.00
78) Terphenyl-d14	20.73	244	1391560	90.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5357	2.324	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	39871	18.582	ng	# 76
49) Dimethylphthalate	14.90	163	24638	2.325	ng	# 93
50) 2,6-Dinitrotoluene	15.48	165	14977	6.912	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	14977	4.694	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	12736	3.288	ng	# 1
76) Benzydine	20.73	184	24006	2.687	ng	# 90

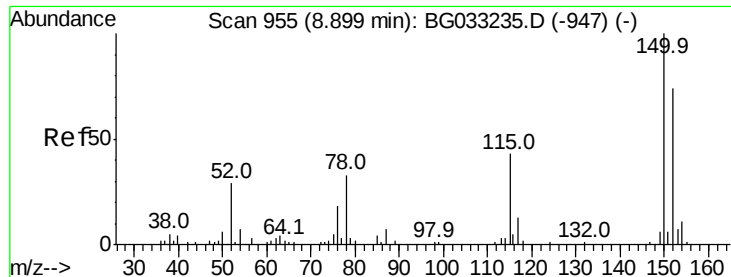
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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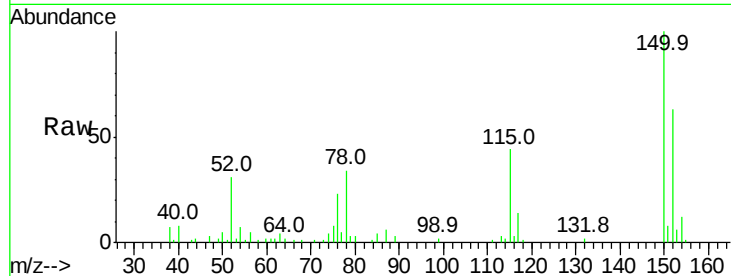


#1

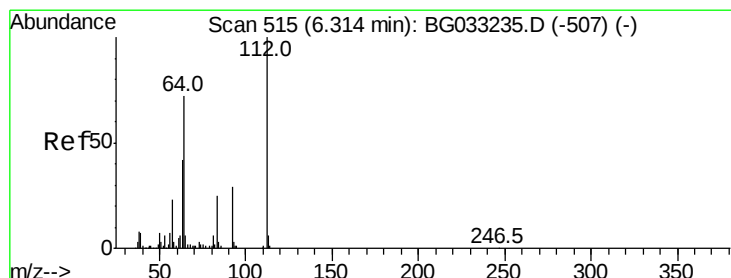
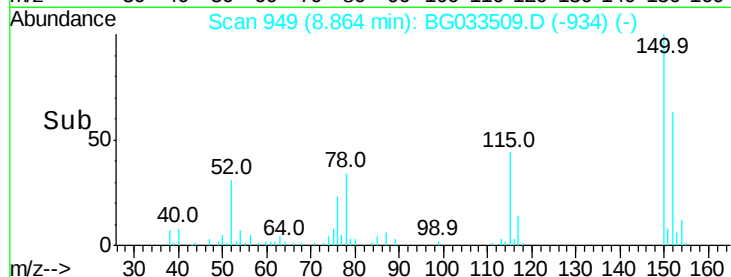
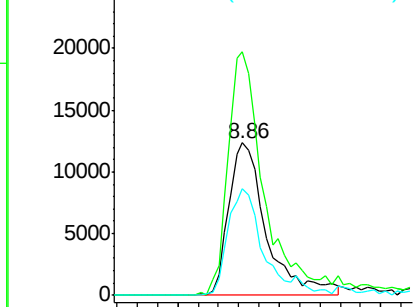
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31957
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 69.7 53.0 79.4



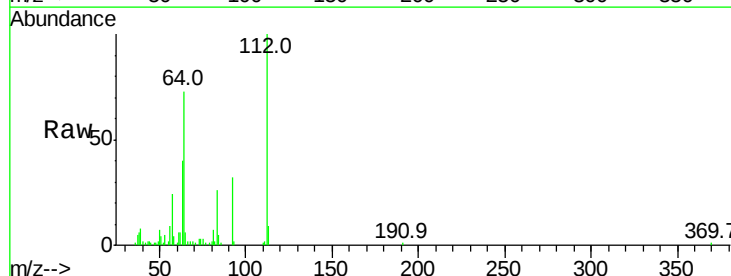
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



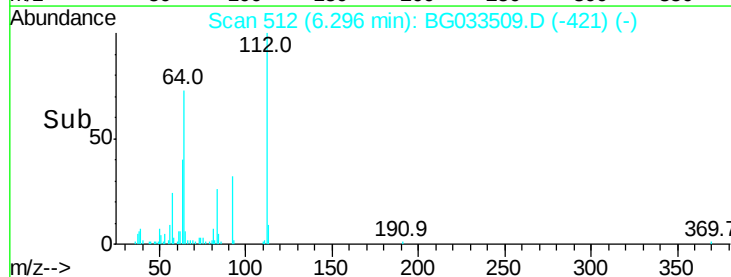
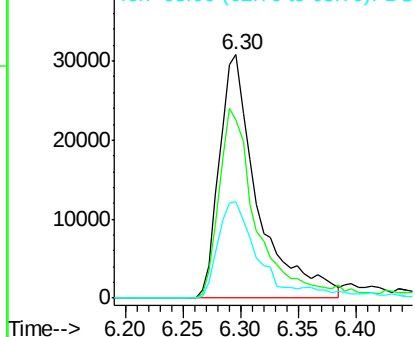
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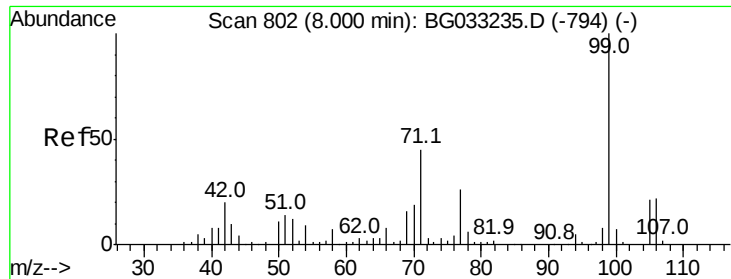
2-Fluorophenol
Concen: 41.666 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Tgt Ion:112 Resp: 71010
Ion Ratio Lower Upper
112 100
64 73.2 56.3 84.5
63 39.8 30.1 45.1



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





#7

Phenol-d6

Concen: 25.763 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

Instrument :

BNA_G

ClientSampleId :

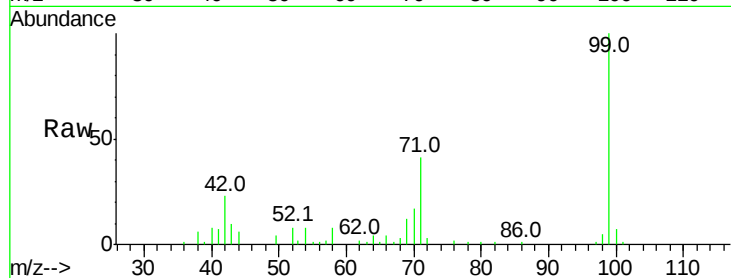
Tot Ion: 99 Resp: 75442

Ion Ratio Lower Upper

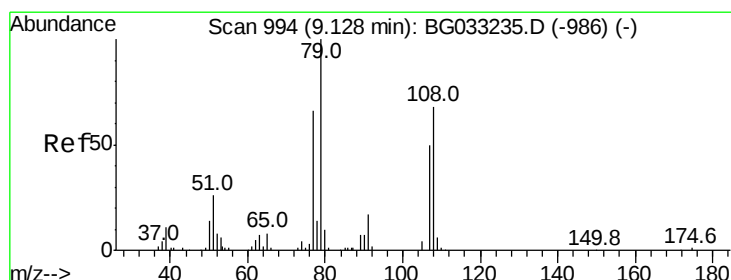
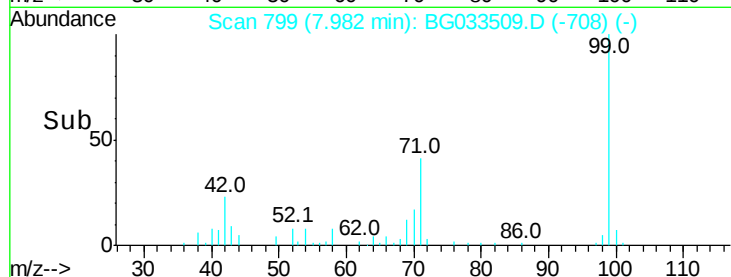
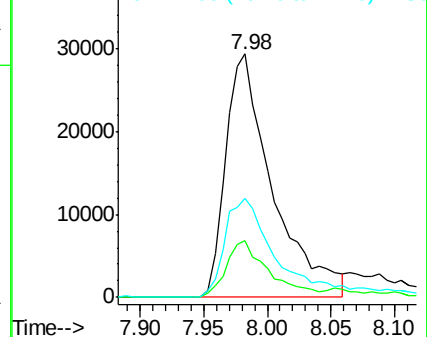
99 100

42 23.5 14.1 21.1#

71 40.7 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: 2.324 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

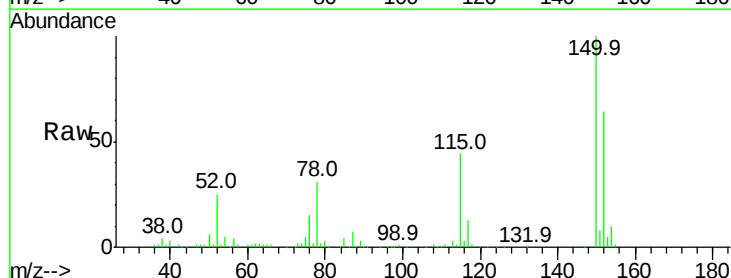
Tgt Ion: 79 Resp: 5357

Ion Ratio Lower Upper

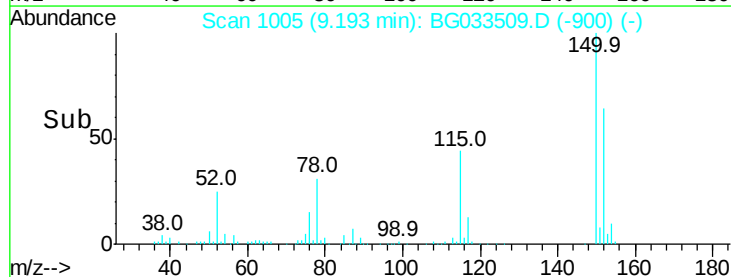
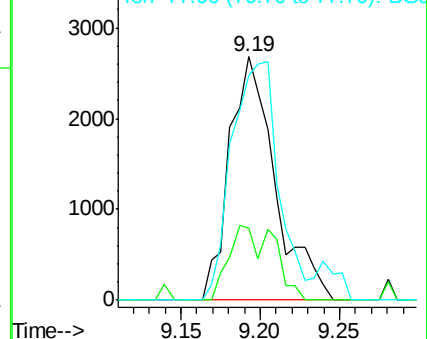
79 100

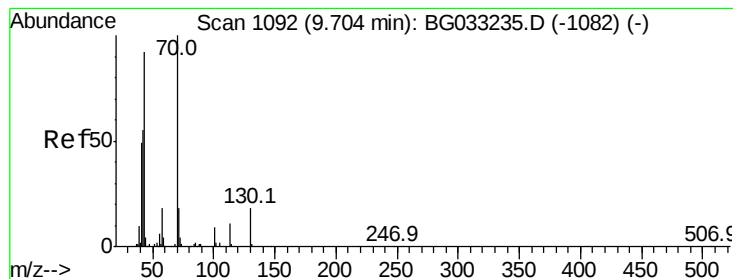
108 29.6 57.2 85.8#

77 92.3 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: 18.582 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.38 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 39871

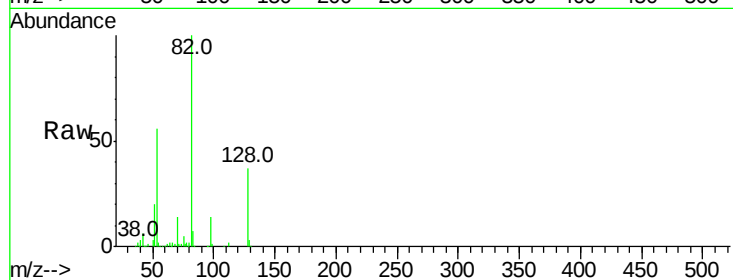
Ion Ratio Lower Upper

70 100

42 46.3 49.1 73.7#

101 0.0 8.5 12.7#

130 0.9 13.4 20.0#

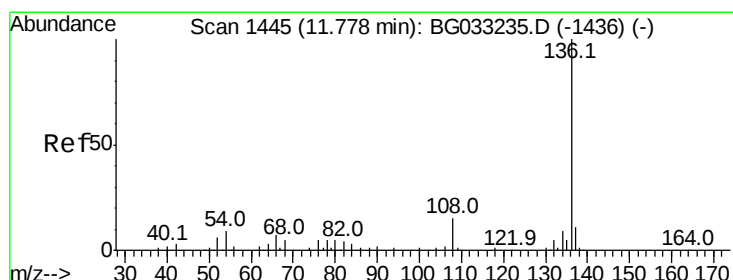
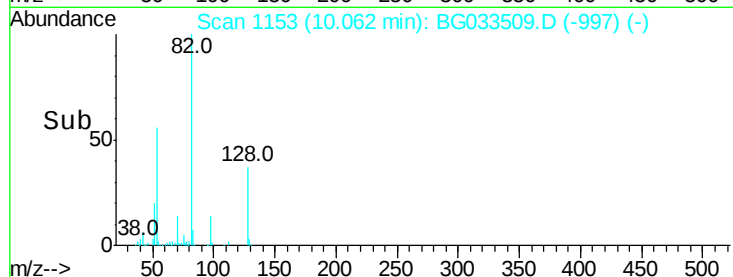
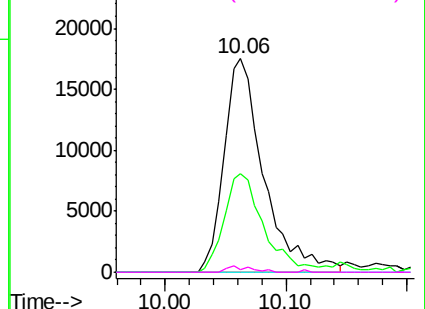


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

Tgt Ion: 136 Resp: 146972

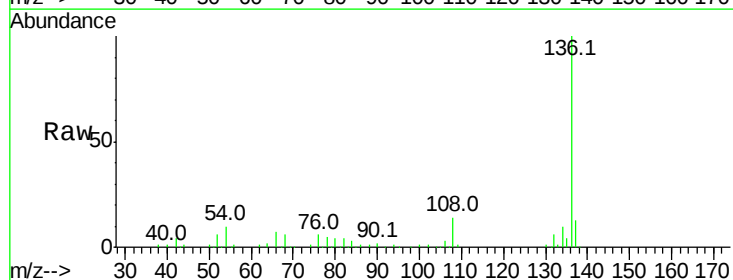
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 10.1 10.3 15.5#

68 5.5 4.5 6.7

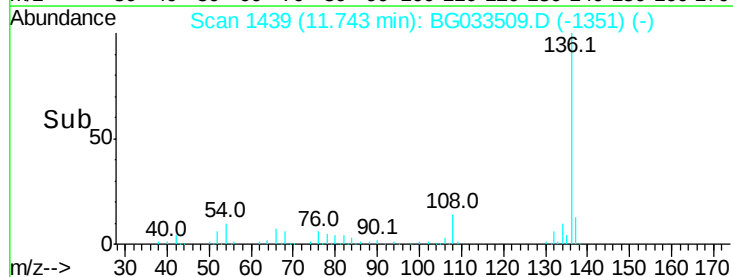
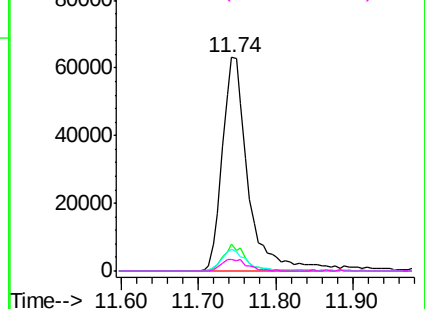


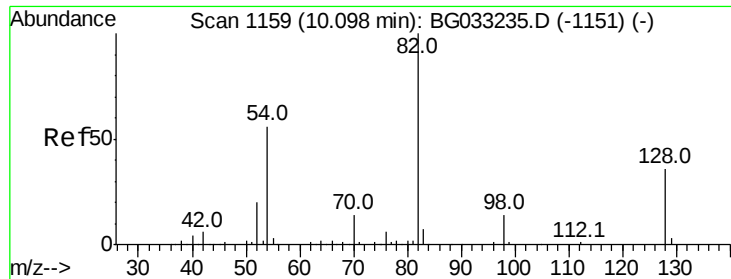
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

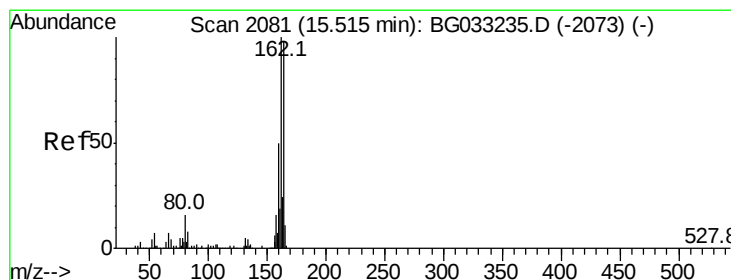
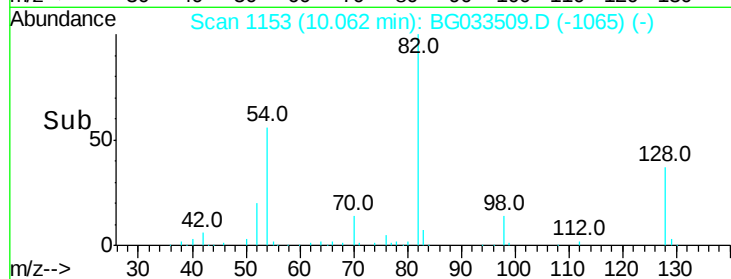
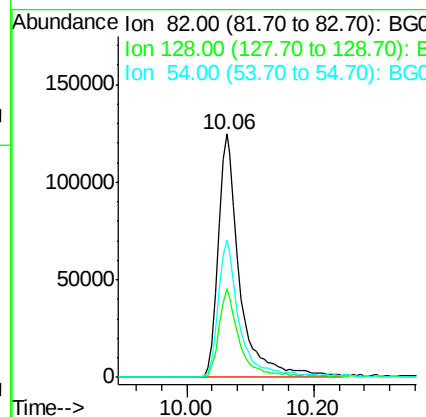
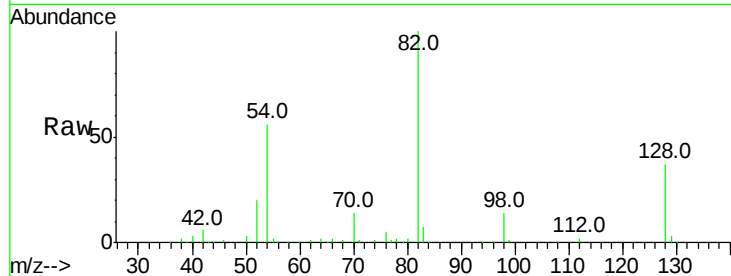




#23
 Nitrobenzene-d5
 Concen: 93.886 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033509.D
 Acq: 3 Apr 2018 4:46

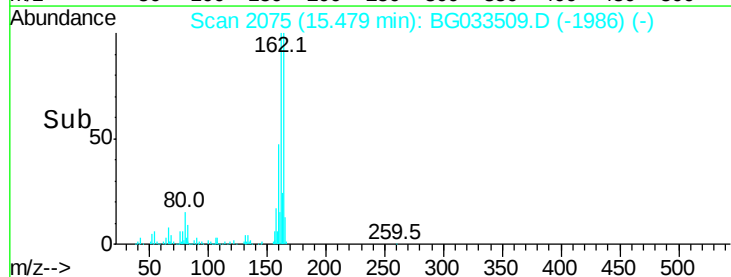
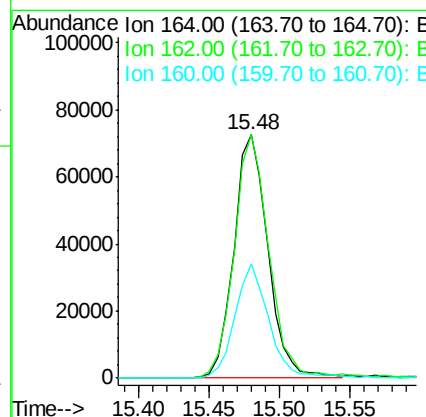
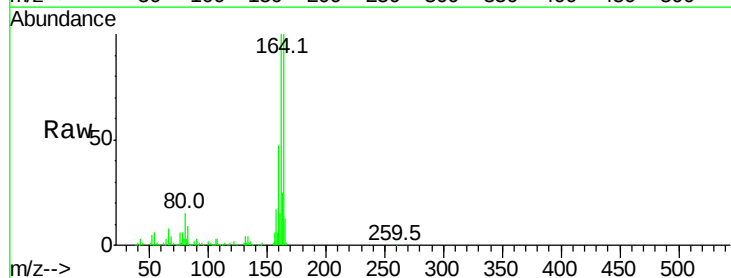
Instrument :
 BNA_G
 ClientSampled :

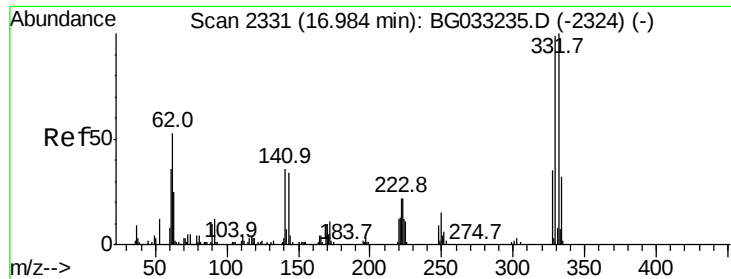
Tot Ion: 82 Resp: 300334
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.7 44.5
 54 56.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033509.D
 Acq: 3 Apr 2018 4:46

Tgt Ion:164 Resp: 121768
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.8 118.2
 160 47.0 35.4 53.0

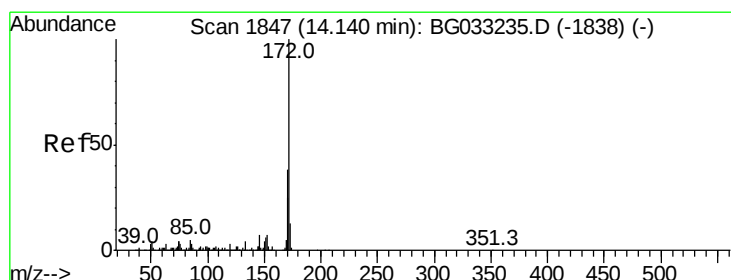
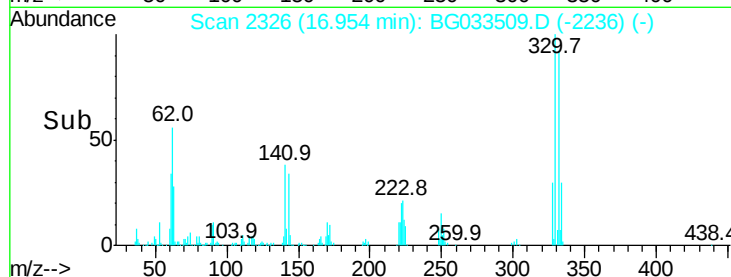
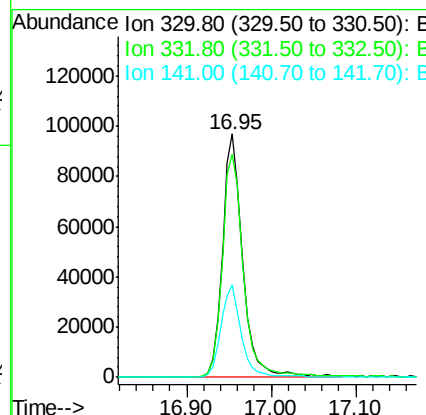
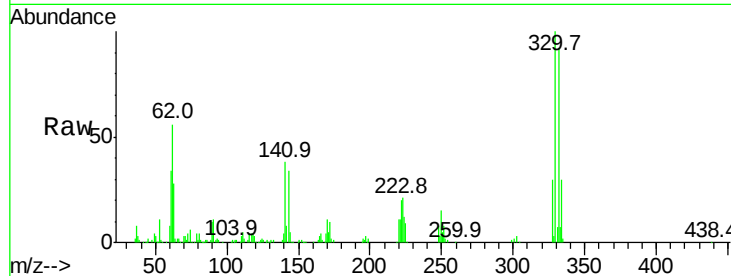




#41
 2,4,6-Tribromophenol
 Concen: 88.977 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033509.D
 Acq: 3 Apr 2018 4:46

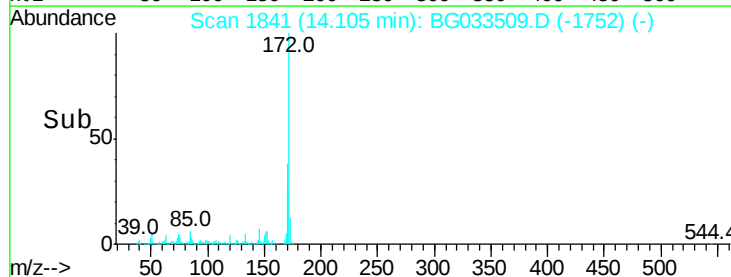
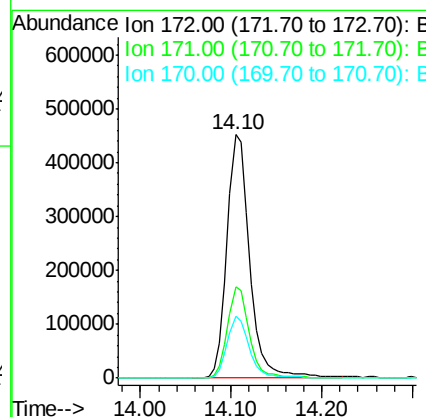
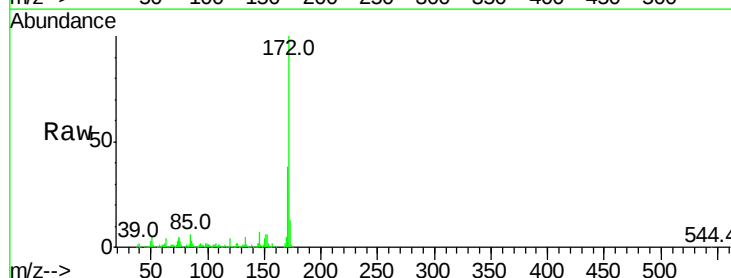
Instrument :
 BNA_G
 ClientSampleId :

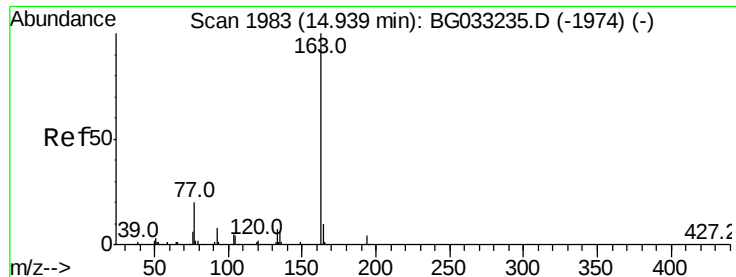
Tot Ion:330 Resp: 162043
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 93.601 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033509.D
 Acq: 3 Apr 2018 4:46

Tgt Ion:172 Resp: 789511
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.5 19.5 29.3





#49

Dimethylphthalate

Concen: 2.325 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

Instrument :

BNA_G

ClientSampleId :

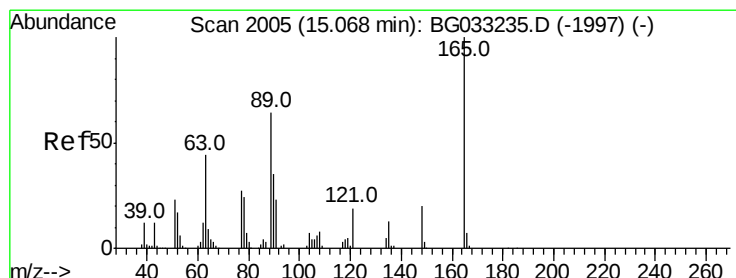
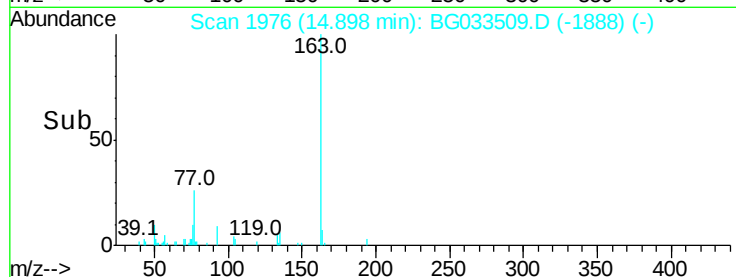
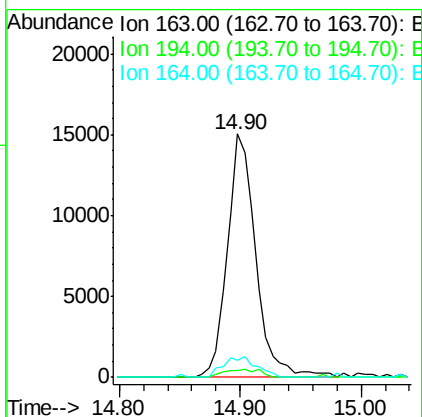
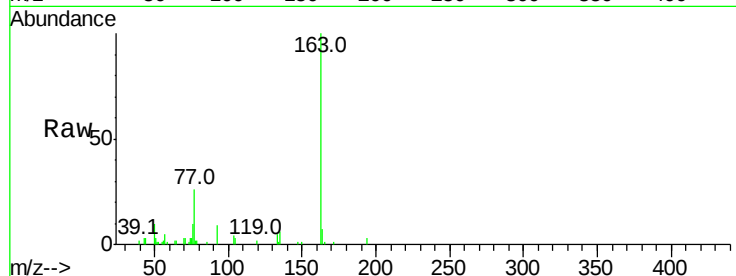
Tot Ion:163 Resp: 24638

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

164 7.0 8.2 12.4#



#50

2,6-Dinitrotoluene

Concen: 6.912 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033509.D

Acq: 3 Apr 2018 4:46

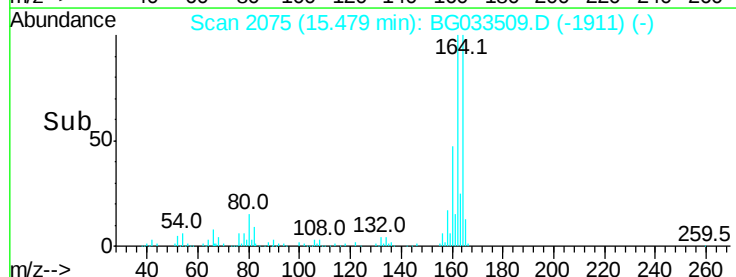
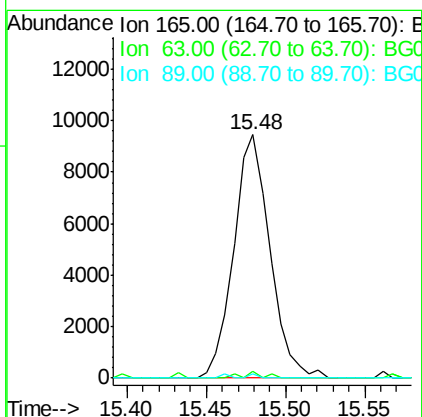
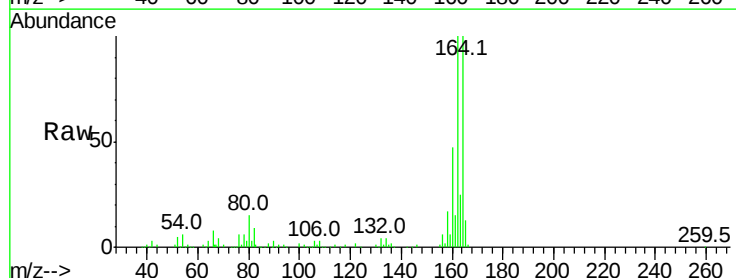
Tgt Ion:165 Resp: 14977

Ion Ratio Lower Upper

165 100

63 2.8 52.7 79.1#

89 1.7 49.2 73.8#

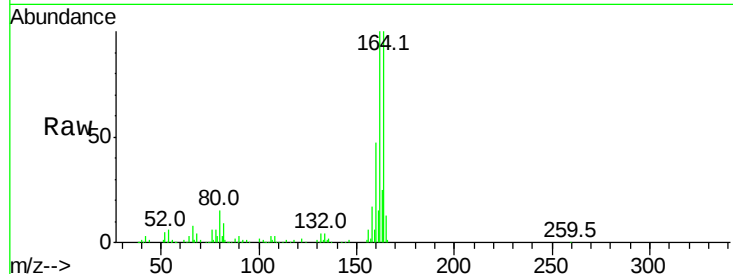




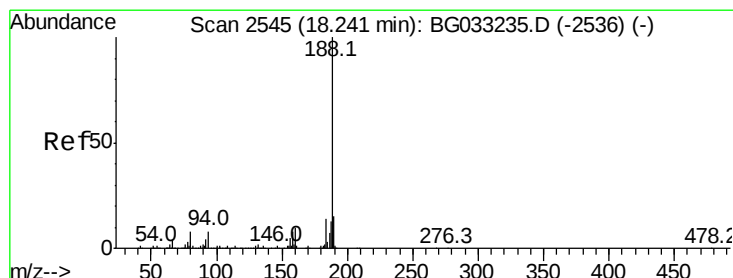
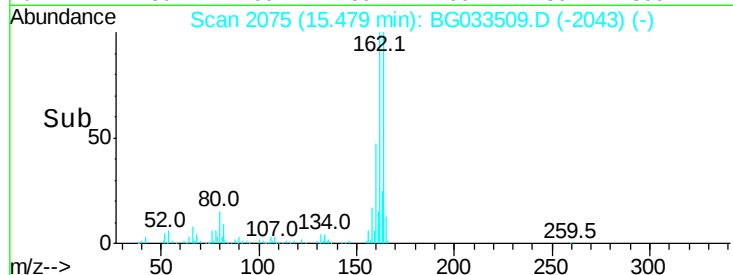
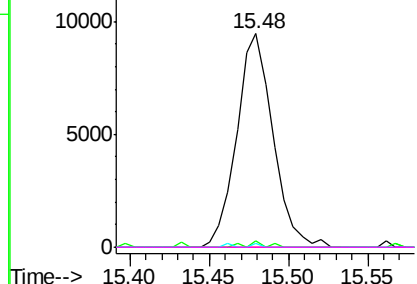
#56
2,4-Dinitrotoluene
Concen: 4.694 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

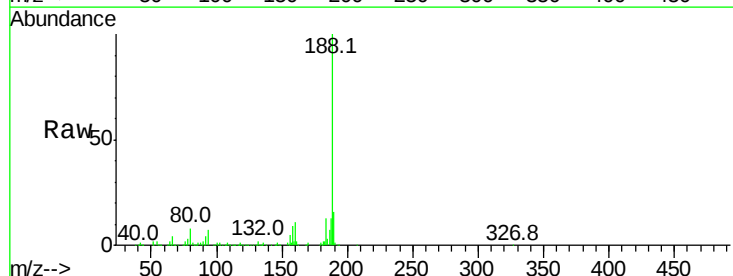


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

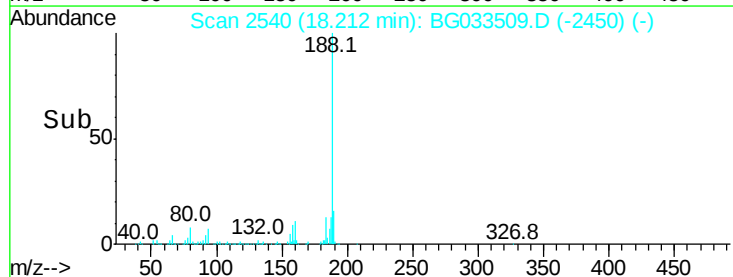
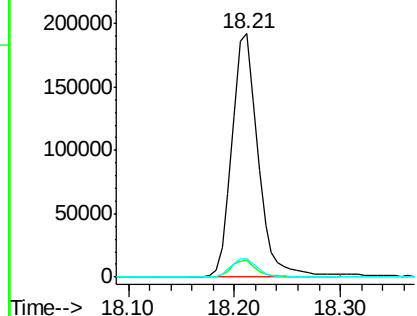


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.5	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

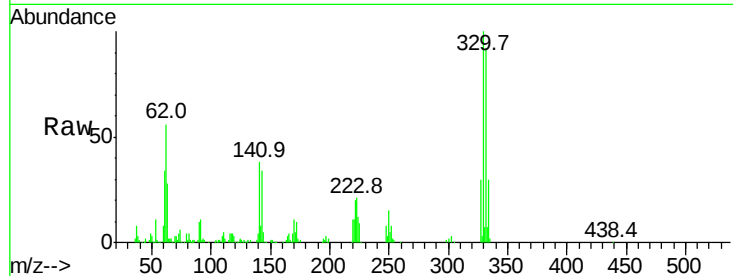




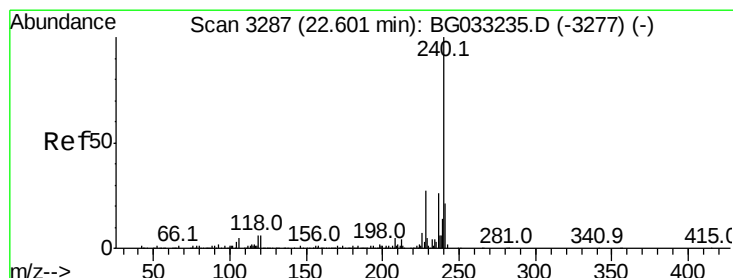
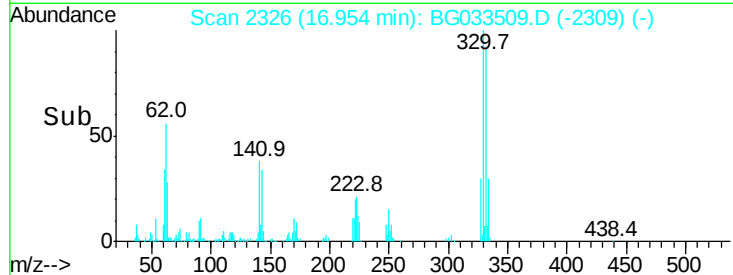
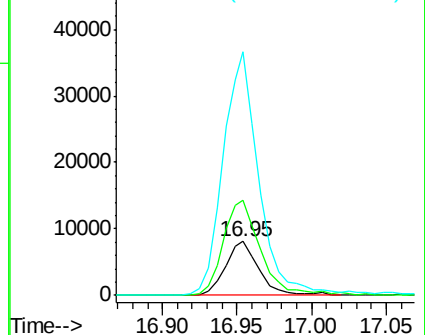
#66
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 12736
Ion Ratio Lower Upper
248 100
250 177.3 77.1 115.7#
141 450.9 50.8 76.2#

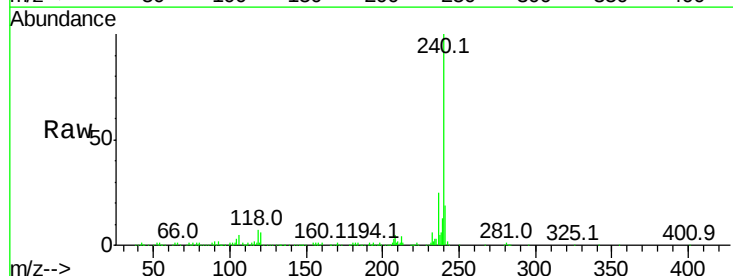


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

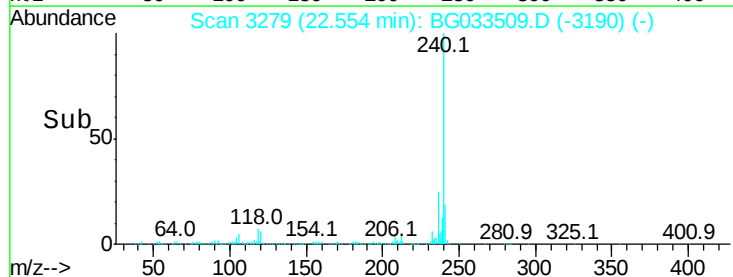
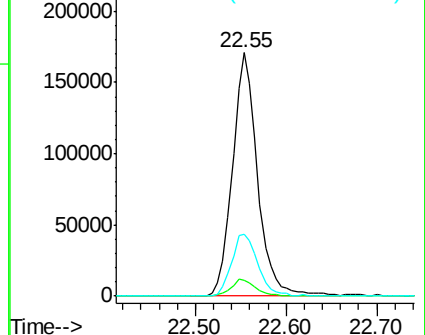


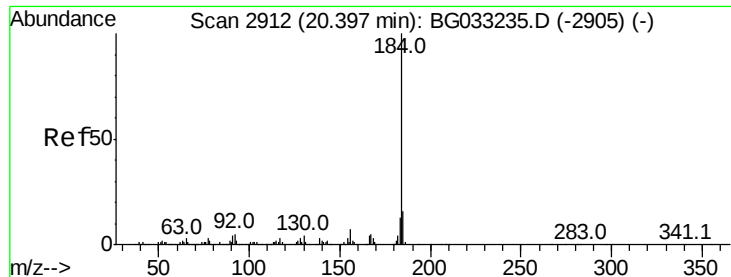
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Tgt Ion:240 Resp: 329484
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 25.3 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

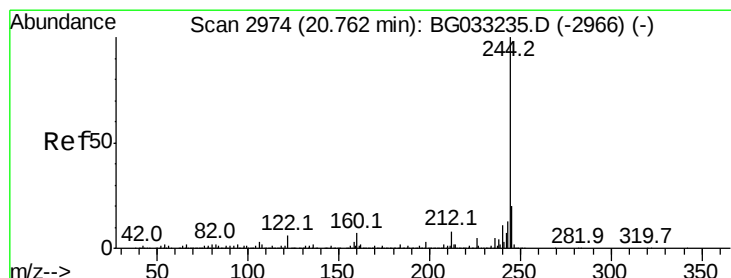
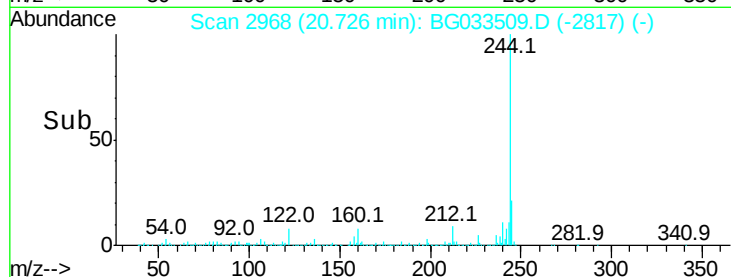
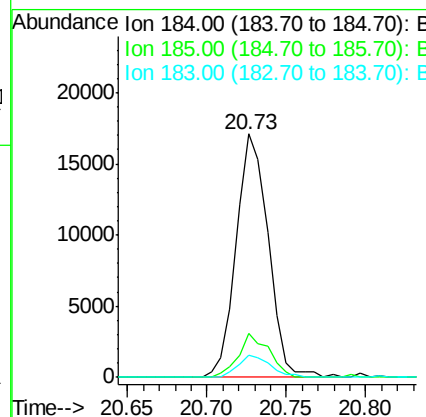
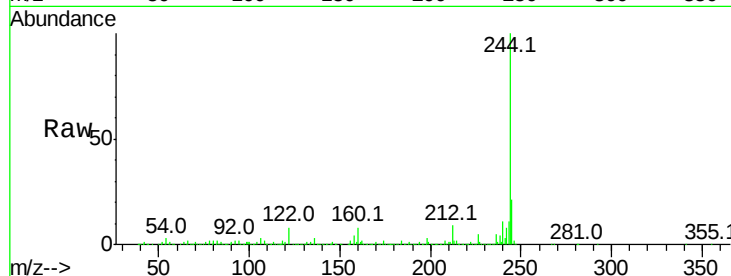




#76
Benzidine
Concen: 2.687 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

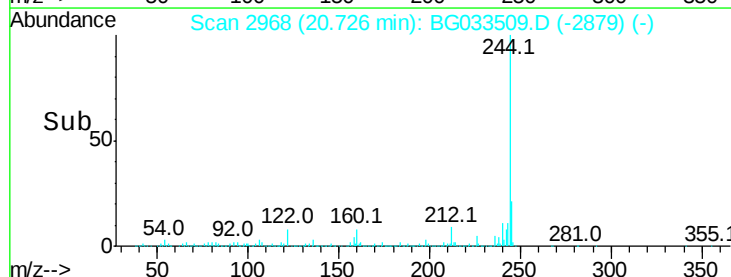
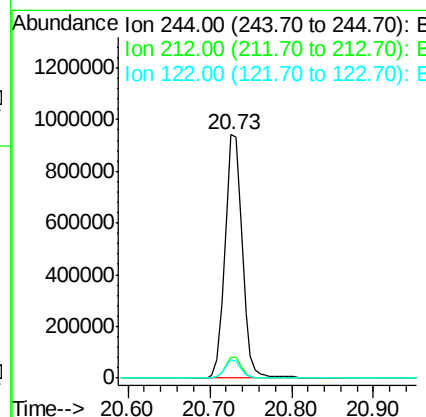
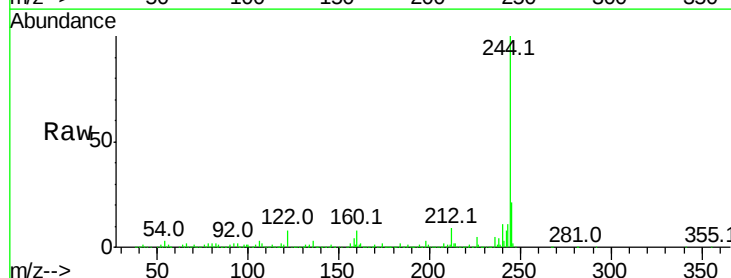
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 24006
Ion Ratio Lower Upper
184 100
185 18.1 11.1 16.7#
183 9.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 90.323 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033509.D
Acq: 3 Apr 2018 4:46

Tgt Ion:244 Resp: 1391560
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 7.5 7.0 10.4

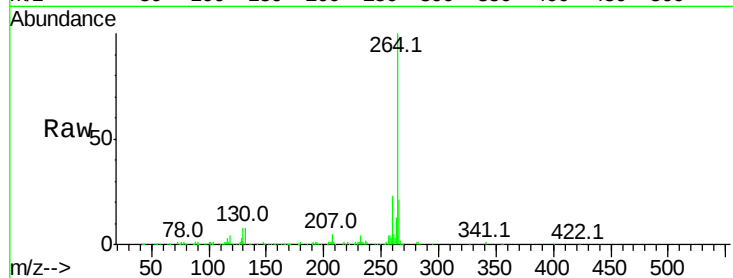




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033509.D
 Acq: 3 Apr 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.8	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

