

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033488.D
 Acq On : 2 Apr 2018 15:39
 Operator : SJ/JU
 Sample : J2104-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:59:00 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

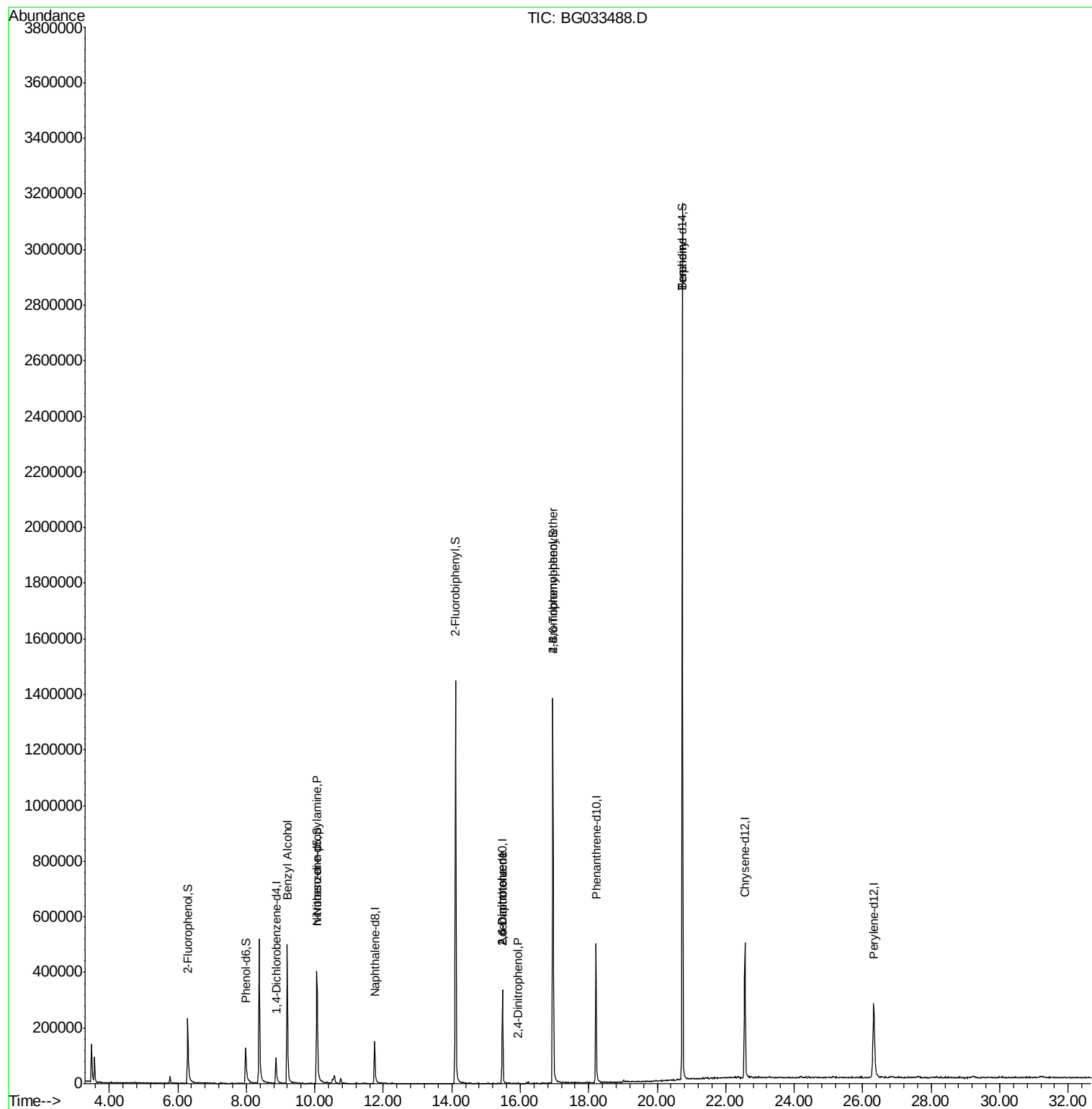
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36848	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158263	20.00	ng	-0.02
38) Acenaphthene-d10	15.48	164	124687	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	354247	20.00	ng	0.00
75) Chrysene-d12	22.56	240	359674	20.00	ng	0.00
86) Perylene-d12	26.32	264	376427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	130569	66.44	ng	0.00
7) Phenol-d6	7.98	99	119980	35.53	ng	0.00
23) Nitrobenzene-d5	10.06	82	326661	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	277987	149.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	823427	95.34	ng	0.00
78) Terphenyl-d14	20.73	244	1562776	92.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5343	2.010	ng	# 55
19) n-Nitroso-di-n-propylamine	10.06	70	44652	18.048	ng	# 72
50) 2,6-Dinitrotoluene	15.48	165	16191	7.297	ng	# 21
53) 2,4-Dinitrophenol	15.93	184	57	7.688	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	16190	4.956	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	21719	5.221	ng	# 1
76) Benizidine	20.73	184	27480	2.817	ng	# 93

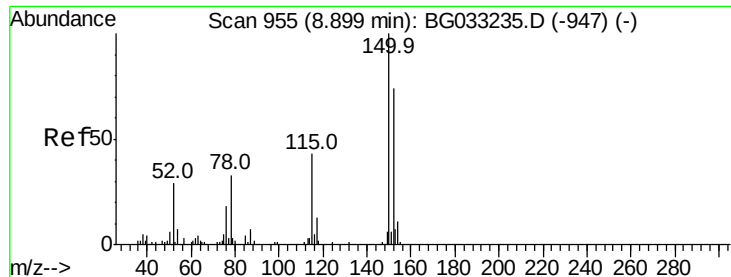
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
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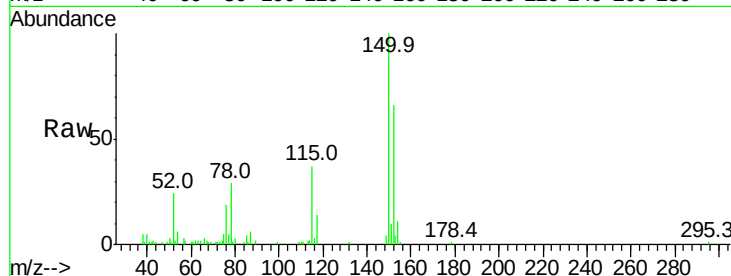


#1

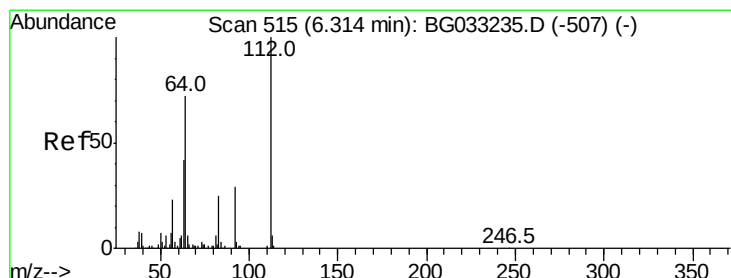
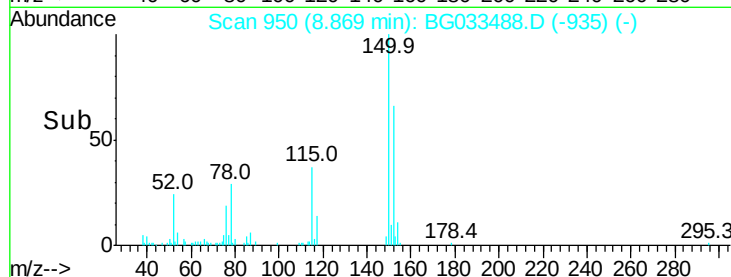
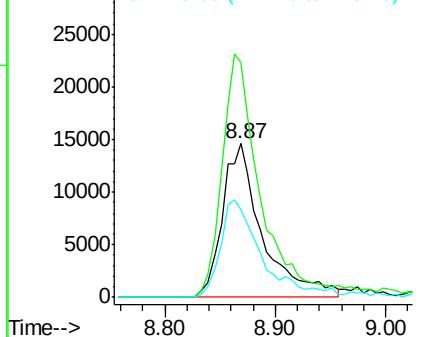
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36848
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 57.1 53.0 79.4



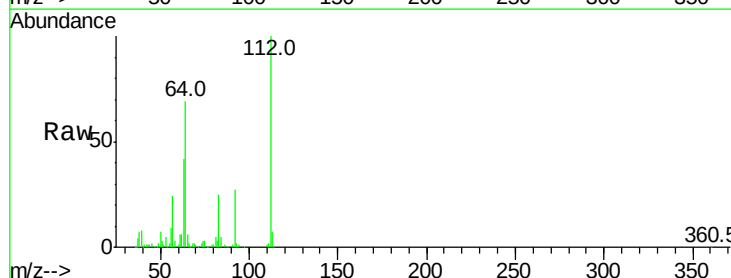
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



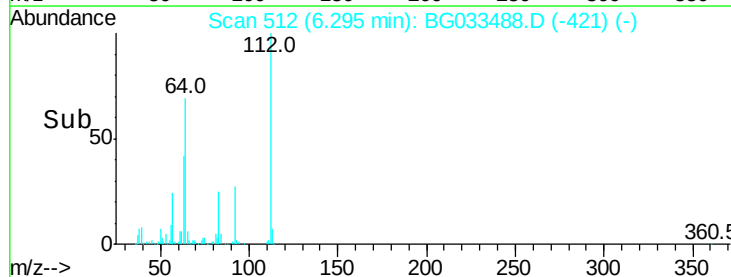
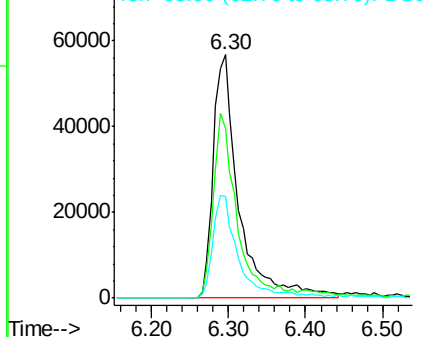
#5

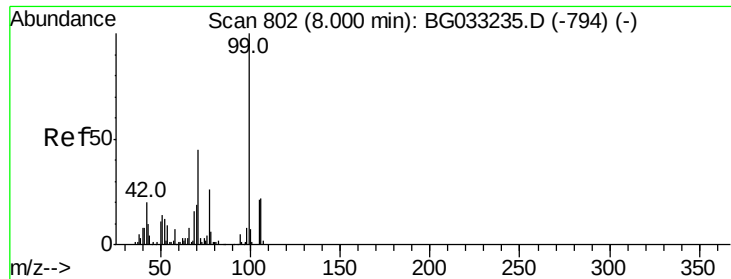
2-Fluorophenol
Concen: 66.444 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Tgt Ion:112 Resp: 130569
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 41.8 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: 35.534 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampleId :

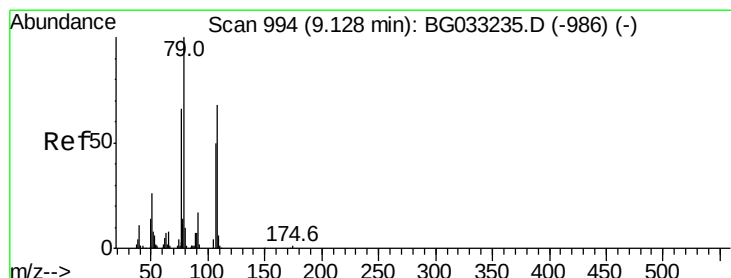
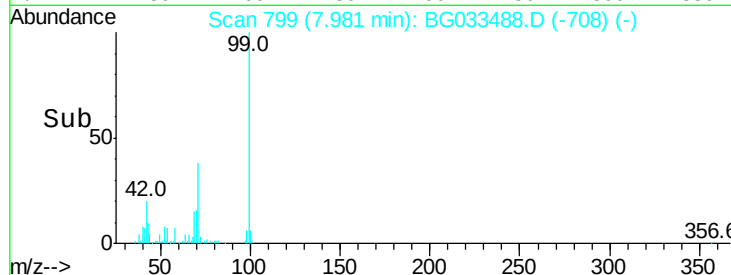
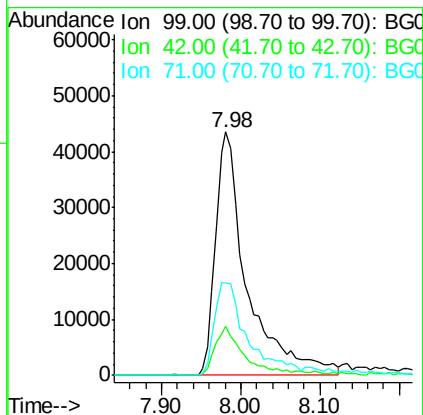
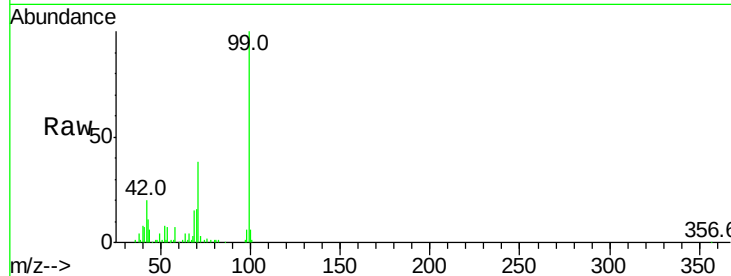
Tot Ion: 99 Resp: 119980

Ion Ratio Lower Upper

99 100

42 20.0 14.1 21.1

71 37.9 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.010 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

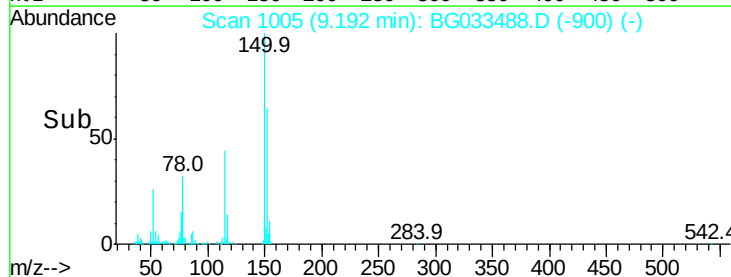
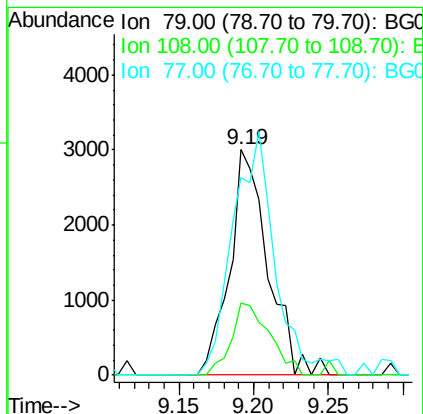
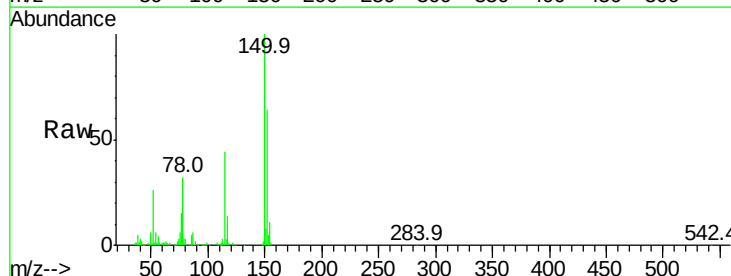
Tgt Ion: 79 Resp: 5343

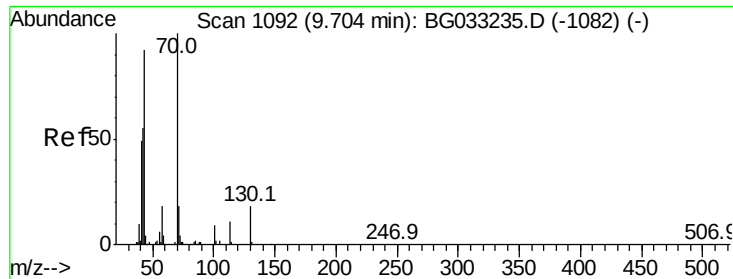
Ion Ratio Lower Upper

79 100

108 31.8 57.2 85.8#

77 87.8 46.1 69.1#

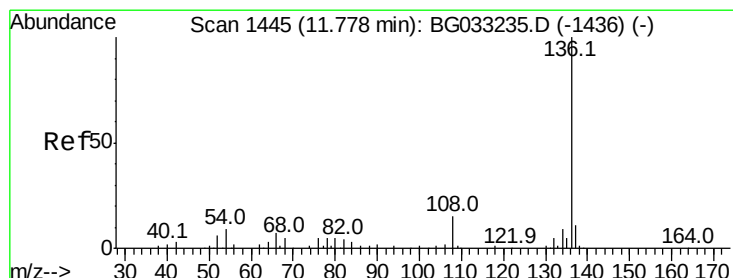
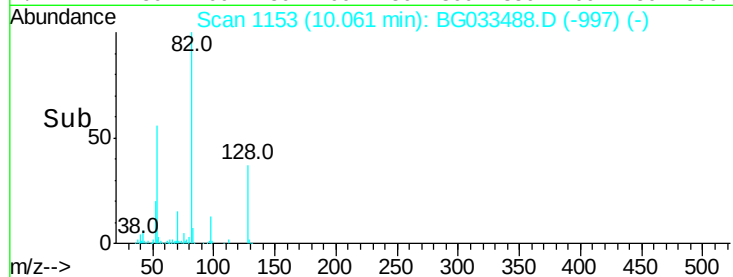
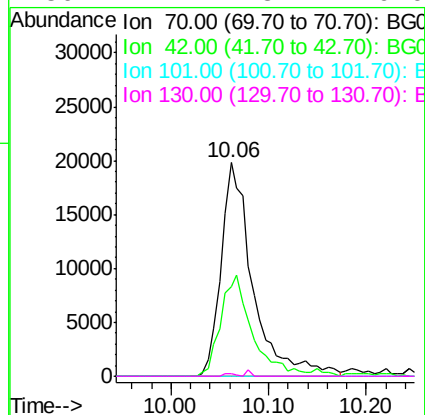
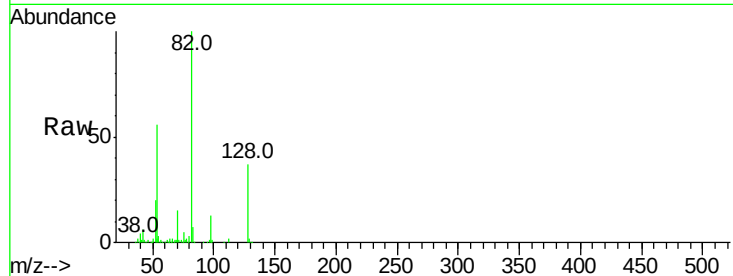




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.048 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.38 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

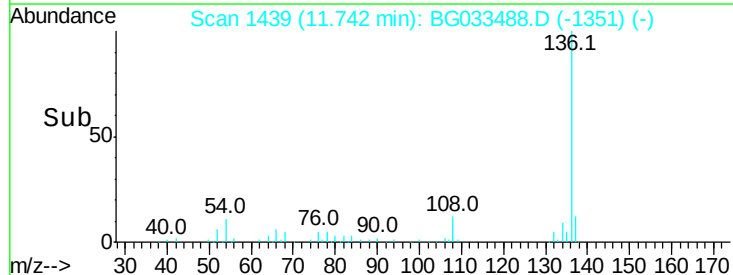
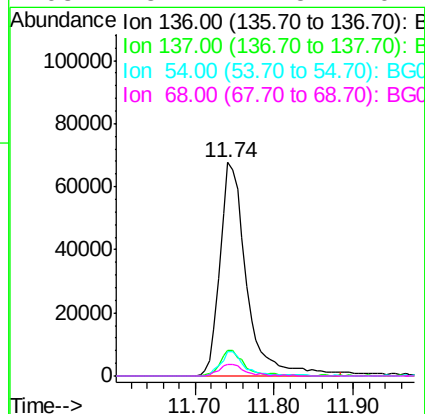
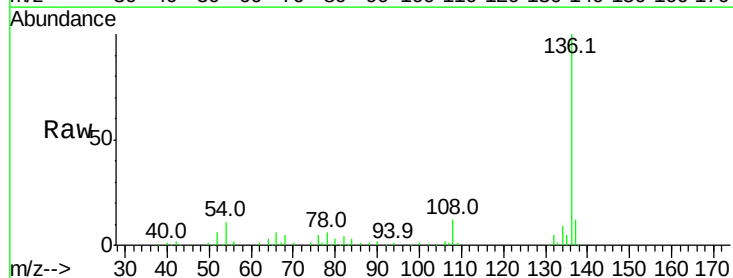
Instrument :
 BNA_G
 ClientSampleId :

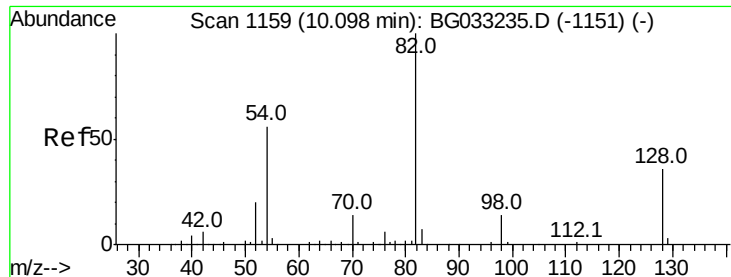
Tot Ion: 70 Resp: 44652
 Ion Ratio Lower Upper
 70 100
 42 42.0 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.4 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion: 136 Resp: 158263
 Ion Ratio Lower Upper
 136 100
 137 12.2 9.2 13.8
 54 11.1 10.3 15.5
 68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 94.830 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampleId :

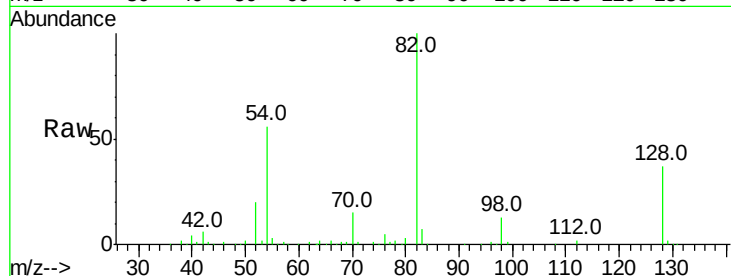
Tot Ion: 82 Resp: 326661

Ion Ratio Lower Upper

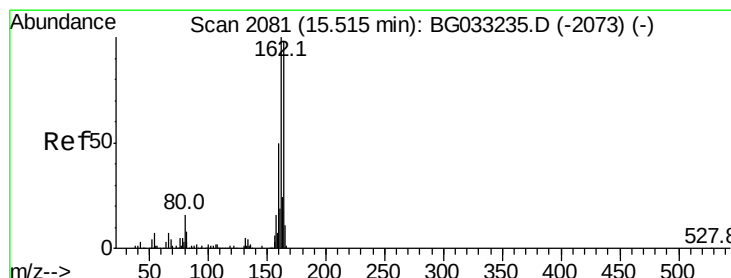
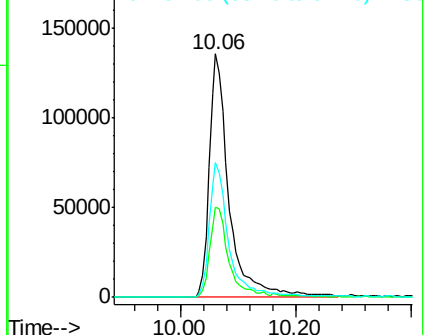
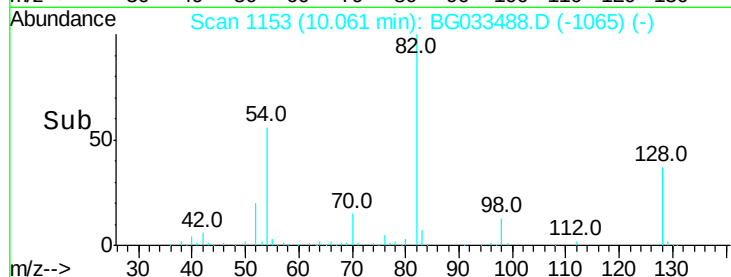
82 100

128 37.0 29.7 44.5

54 55.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

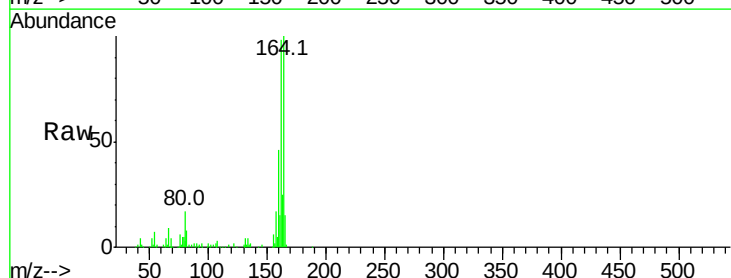
Tgt Ion:164 Resp: 124687

Ion Ratio Lower Upper

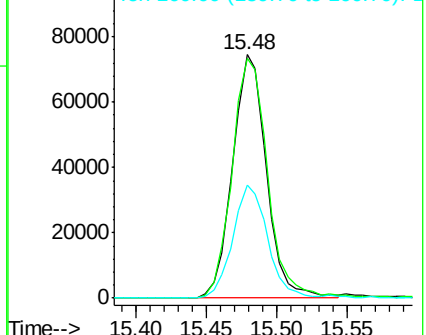
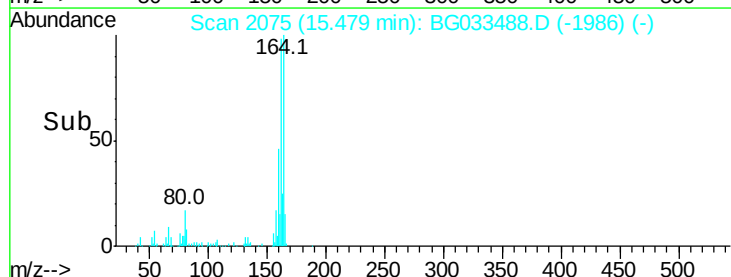
164 100

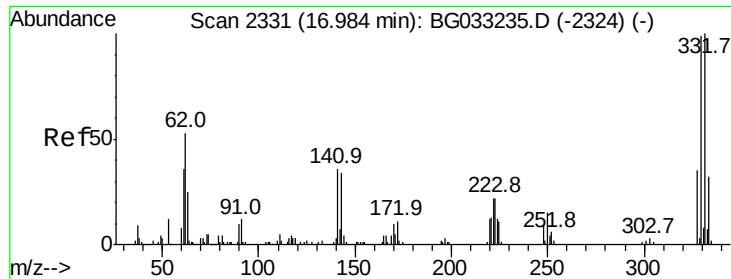
162 98.4 78.8 118.2

160 46.2 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

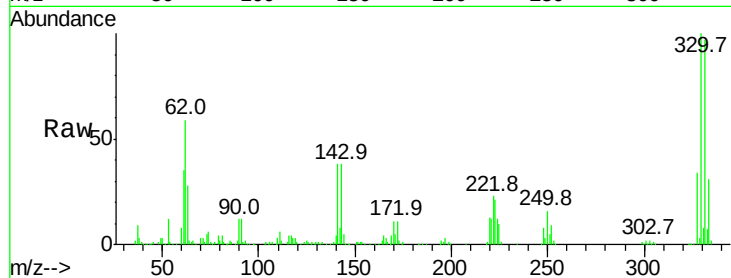




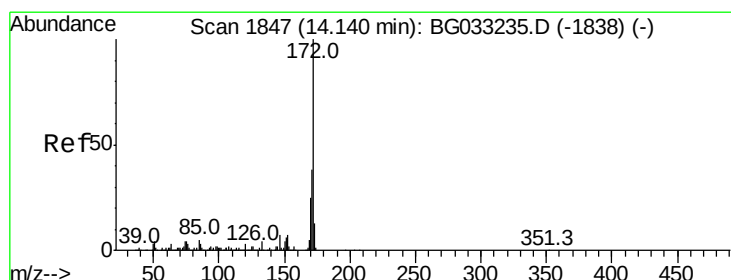
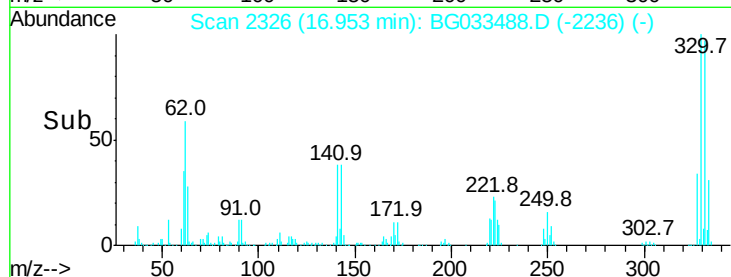
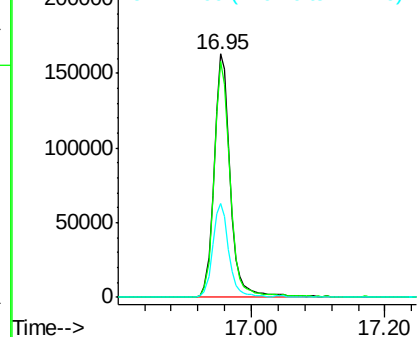
#41
 2,4,6-Tribromophenol
 Concen: 149.068 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 277987
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.0 25.2 37.8#

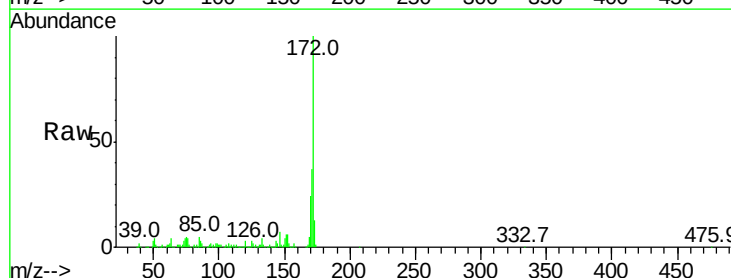


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

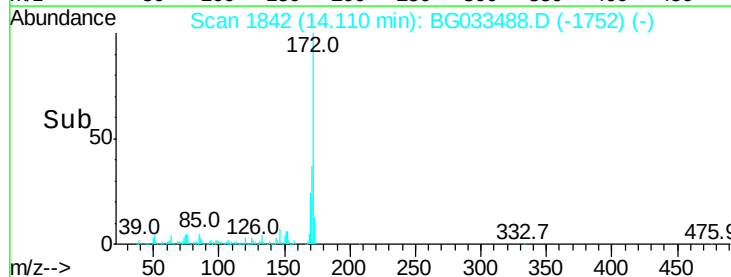
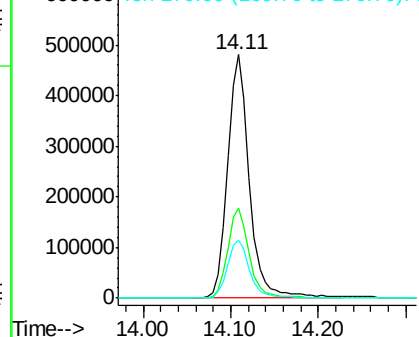


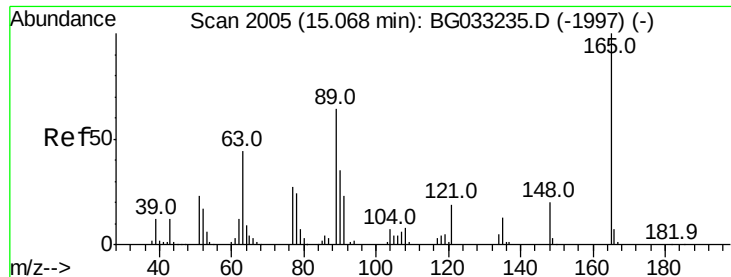
#44
 2-Fluorobiphenyl
 Concen: 95.337 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion:172 Resp: 823427
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.0 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





#50

2,6-Dinitrotoluene

Concen: 7.297 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampleId :

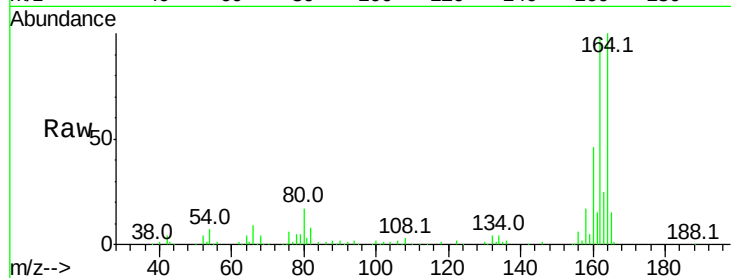
Tot Ion:165 Resp: 16191

Ion Ratio Lower Upper

165 100

63 2.0 52.7 79.1#

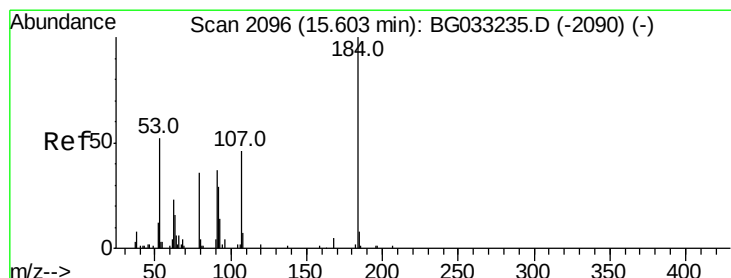
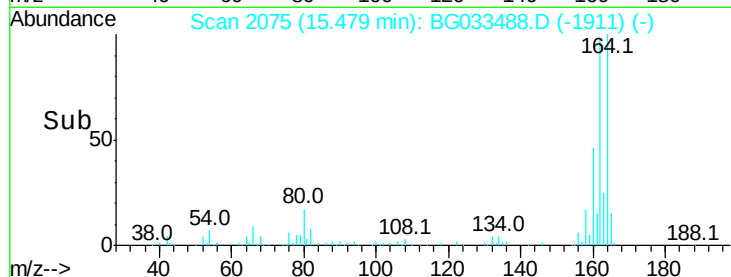
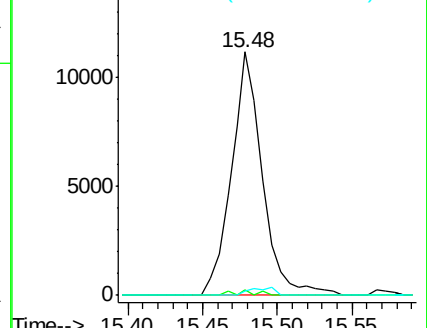
89 1.6 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.688 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.35 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

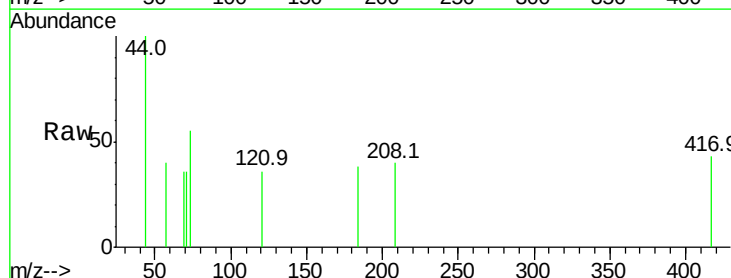
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

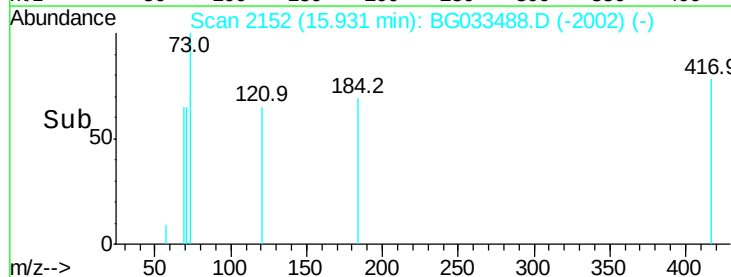
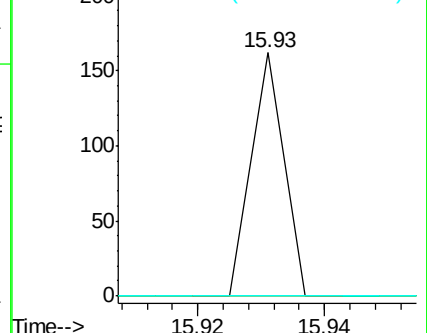
154 0.0 101.8 152.8#

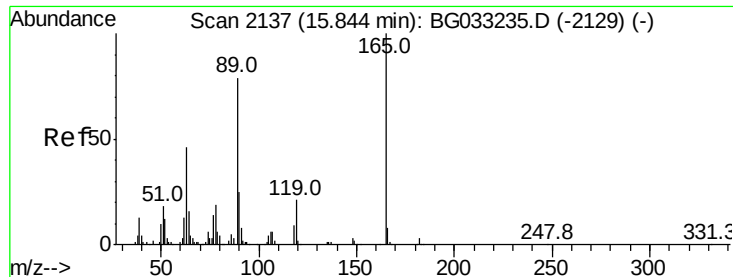


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

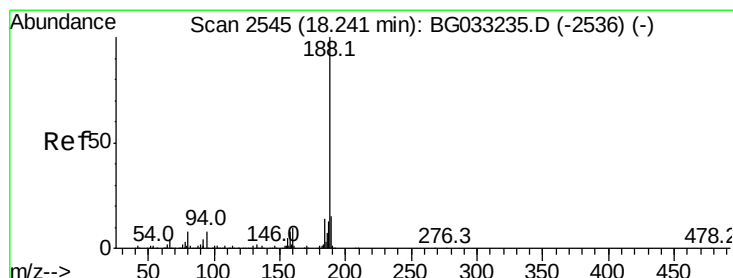
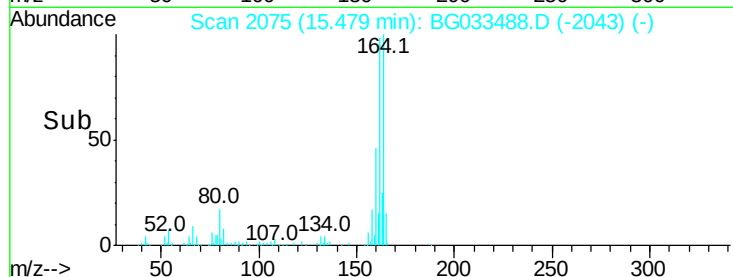
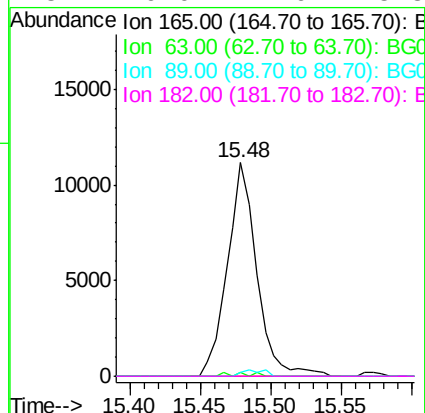
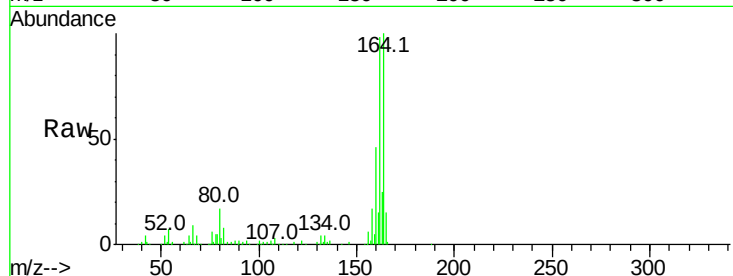




#56
 2,4-Dinitrotoluene
 Concen: 4.956 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

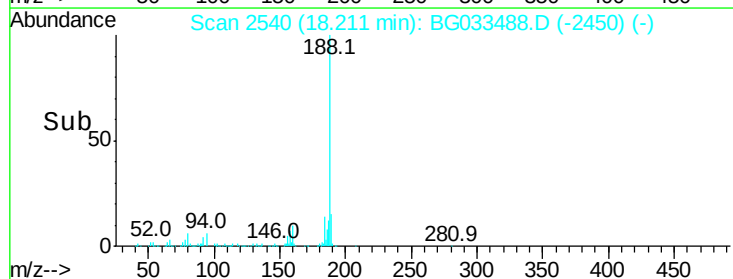
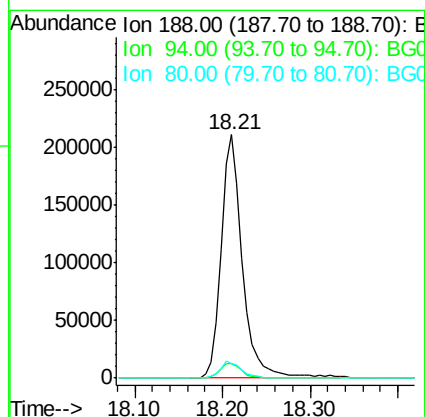
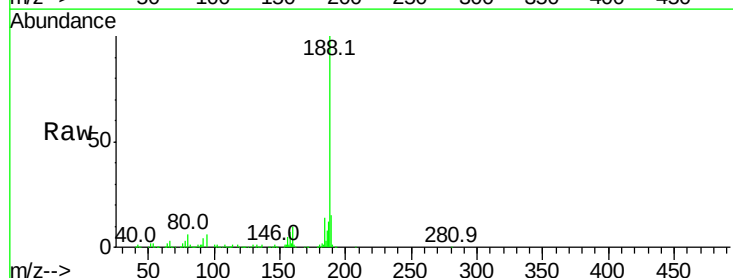
Instrument :
 BNA_G
 ClientSampleId :

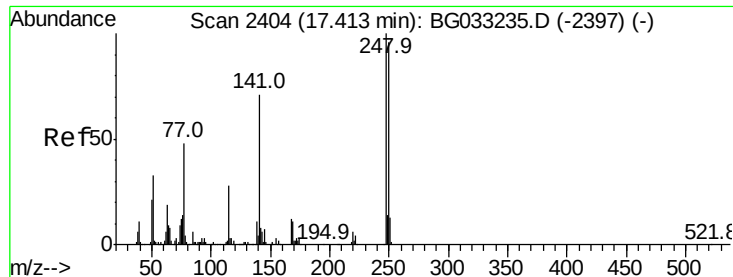
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.2	7.7	11.5#

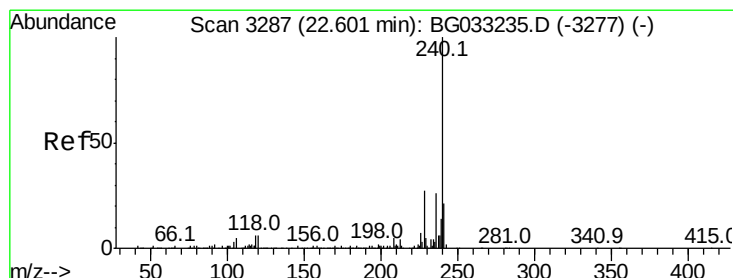
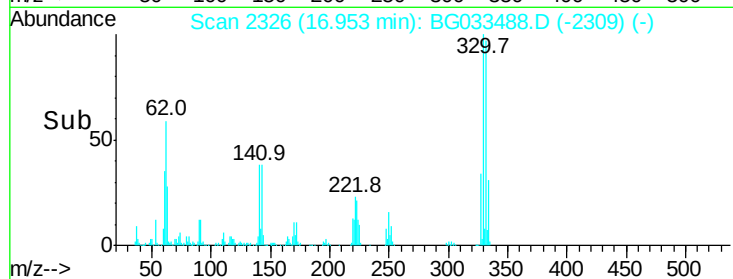
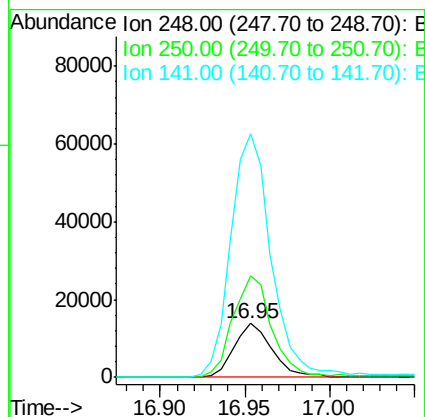
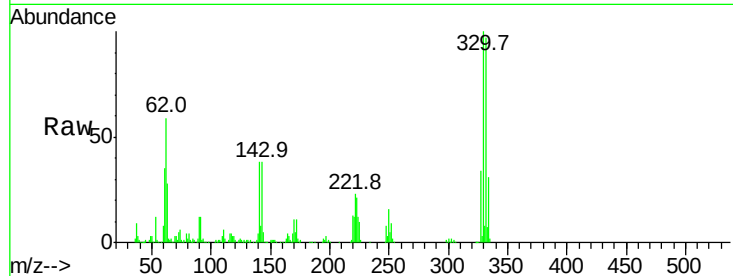




#66
 4-Bromophenyl-phenylether
 Concen: 5.221 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

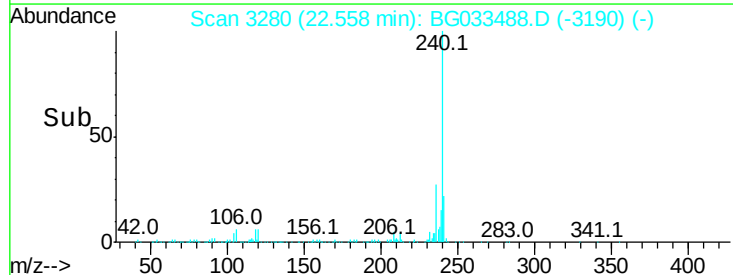
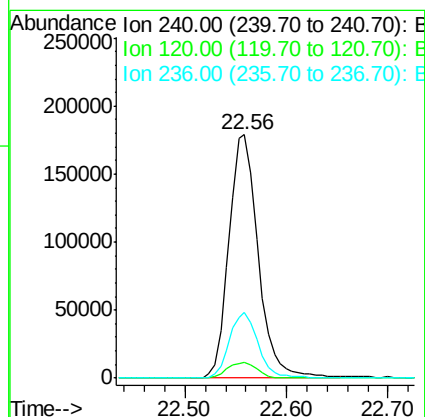
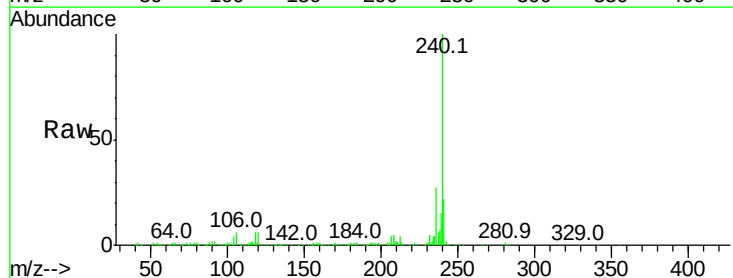
Instrument :
 BNA_G
 ClientSampled :

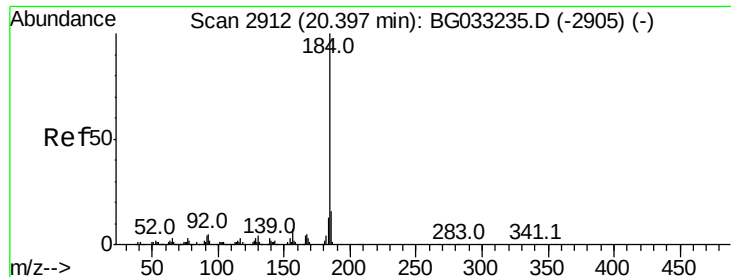
Tot Ion:248 Resp: 21719
 Ion Ratio Lower Upper
 248 100
 250 188.0 77.1 115.7#
 141 453.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion:240 Resp: 359674
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 27.0 20.9 31.3





#76

Benzidine

Concen: 2.817 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampled :

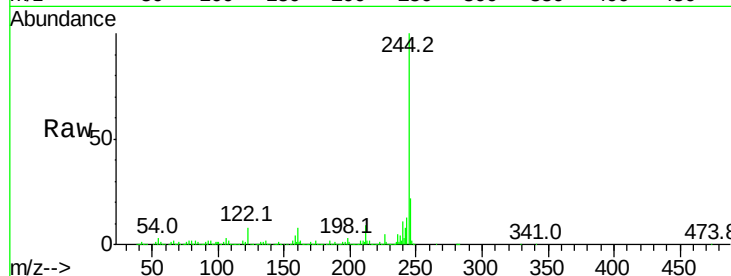
Tot Ion:184 Resp: 27480

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

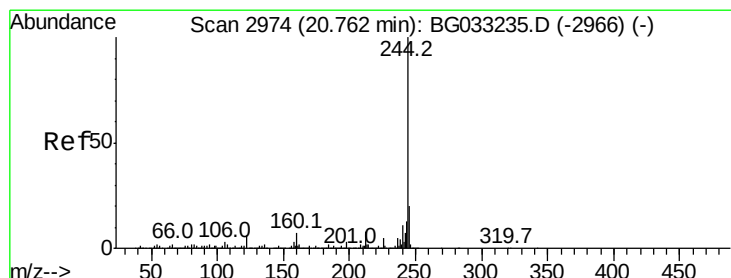
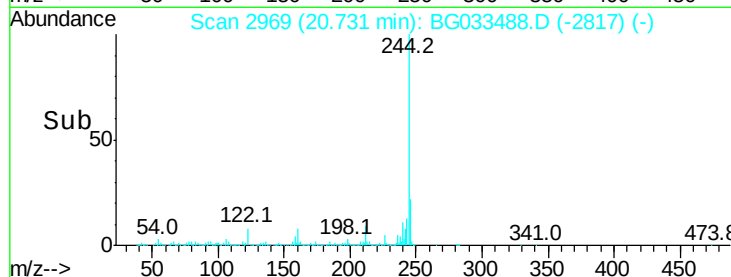
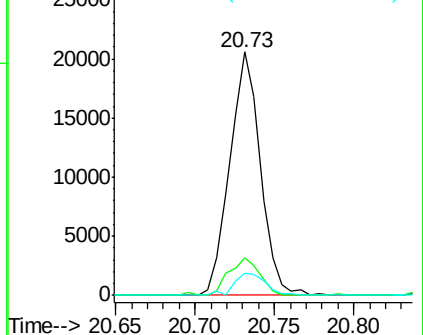
183 9.0 10.6 16.0#



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: 92.922 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

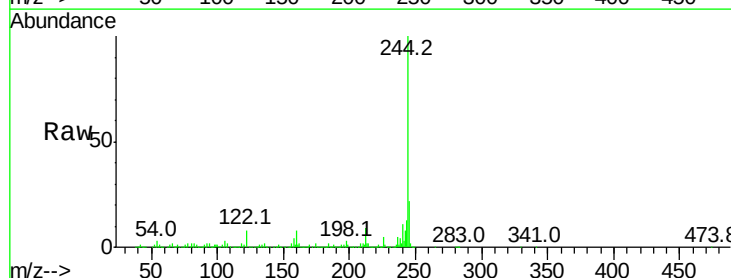
Tgt Ion:244 Resp: 1562776

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

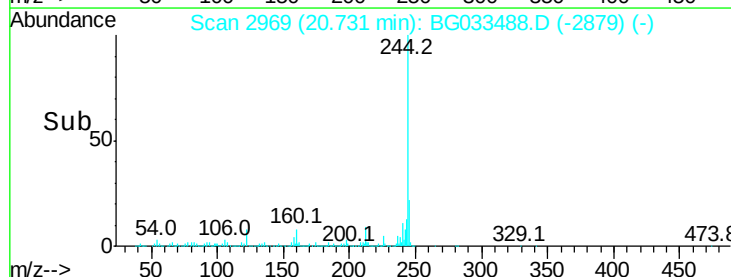
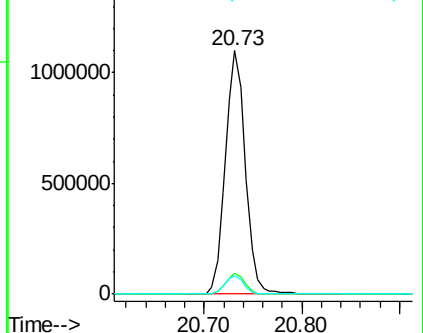
122 7.7 7.0 10.4

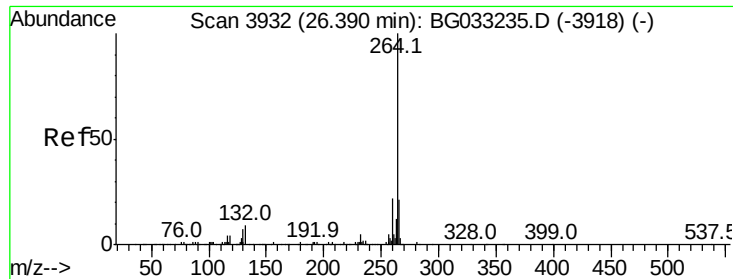


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.5	17.7	26.5

