

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033988.D
 Acq On : 25 Apr 2018 15:58
 Operator : SJ/JU
 Sample : J2506-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:25:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

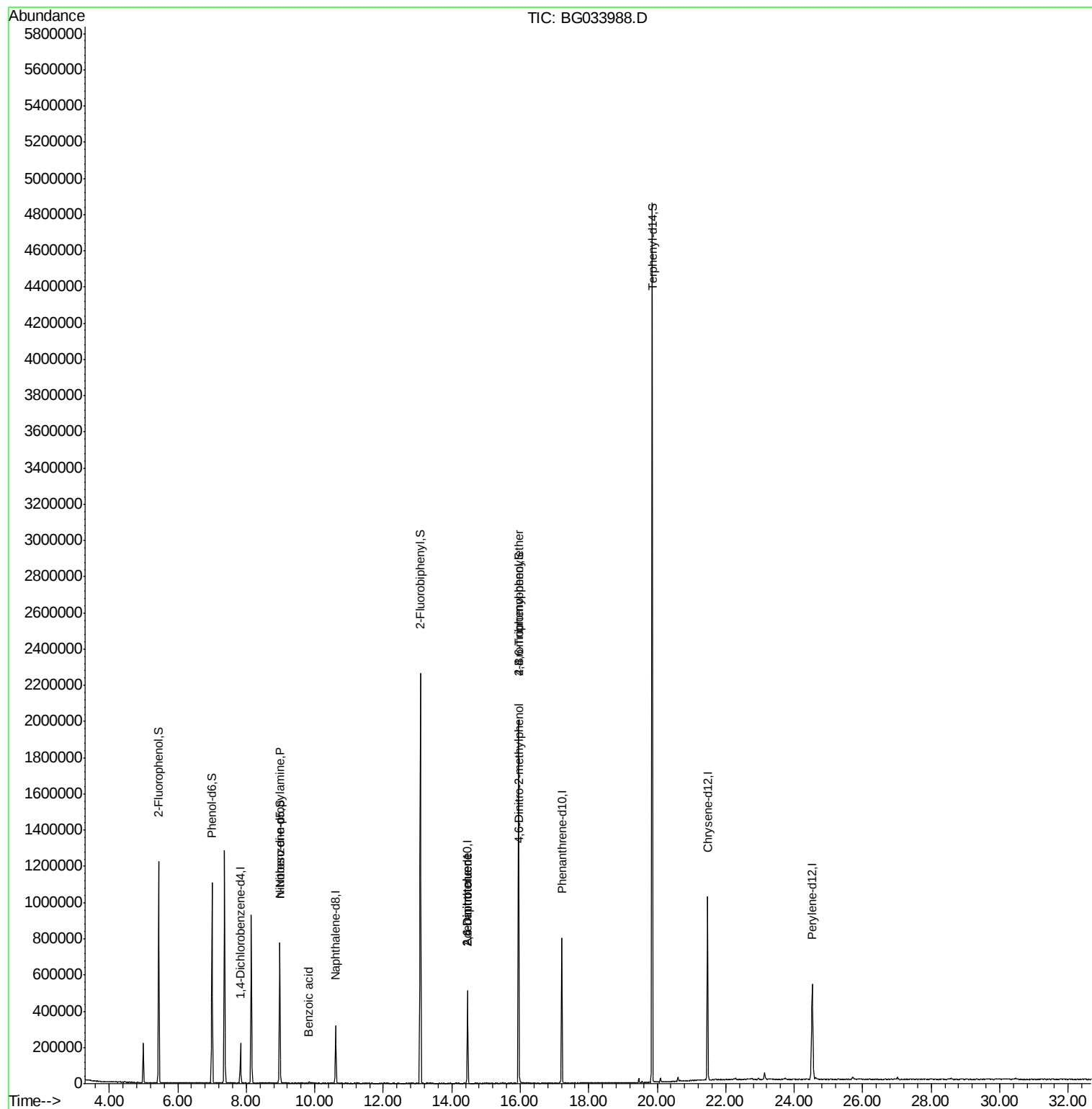
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	62081	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	272264	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	183765	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	503163	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	588188	20.00	ng	-0.02
86) Perylene-d12	24.52	264	569132	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	511642	131.58	ng	0.00
7) Phenol-d6	7.00	99	614821	108.40	ng	0.00
23) Nitrobenzene-d5	8.97	82	470789	98.41	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	371027	173.06	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1188067	94.97	ng	-0.02
78) Terphenyl-d14	19.85	244	2272100	86.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.99	77	1191	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.97	70	64627	13.368 ng	#	76
32) Benzoic acid	9.83	122	3895	5.991 ng	#	86
50) 2,6-Dinitrotoluene	14.46	165	23554	7.689 ng	#	19
56) 2,4-Dinitrotoluene	14.46	165	23554	5.782 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.97	198	525	6.677 ng	#	85
66) 4-Bromophenyl-phenylether	15.95	248	13241	2.396 ng	#	1

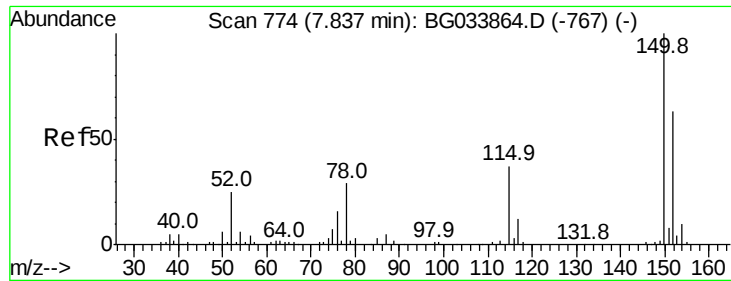
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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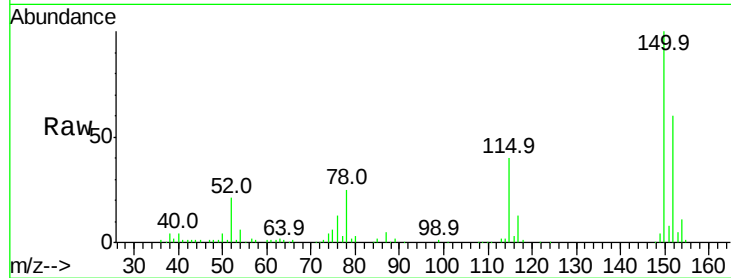


#1

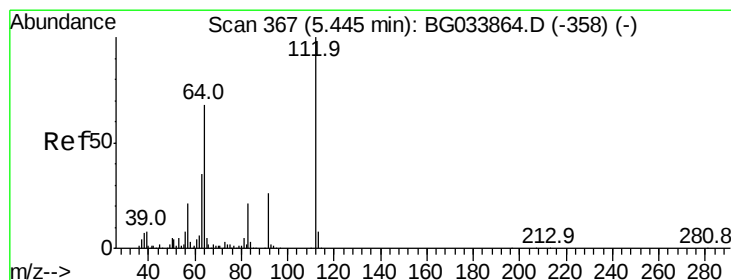
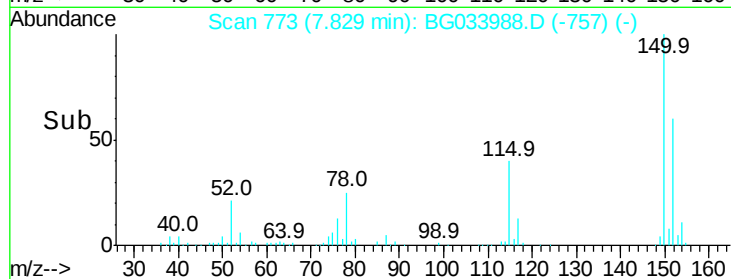
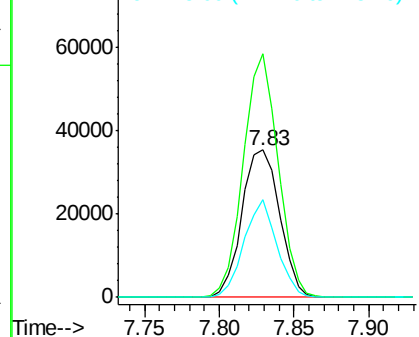
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033988.D
Acq: 25 Apr 2018 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	126.6	189.8
115	66.2	53.0	79.4



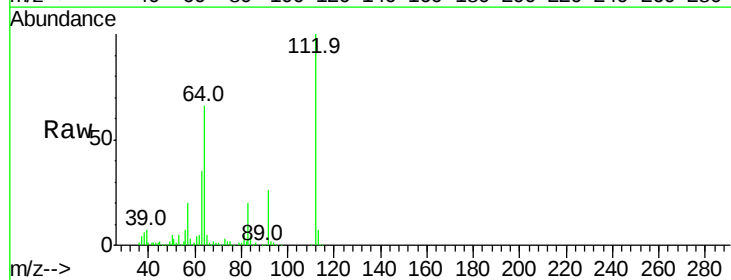
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



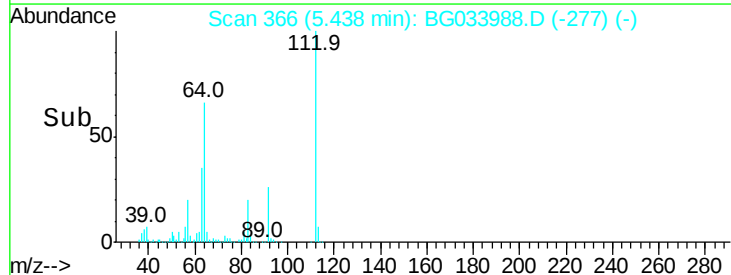
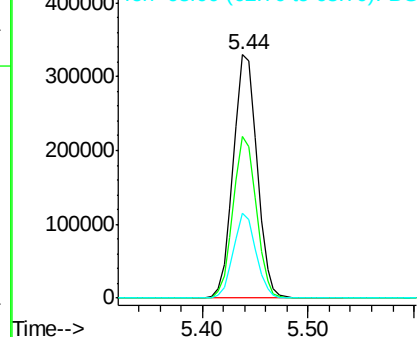
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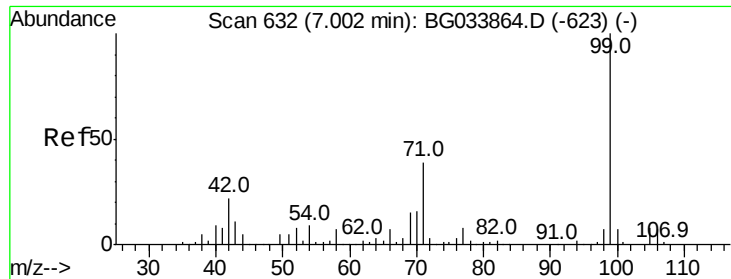
2-Fluorophenol
Concen: 131.579 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033988.D
Acq: 25 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.3	84.5
63	35.1	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: 108.404 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

Instrument :

BNA_G

ClientSampled :

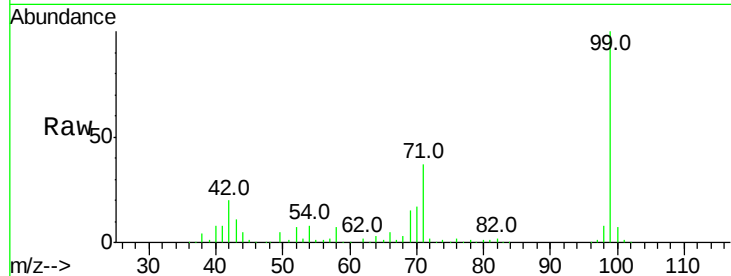
Tot Ion: 99 Resp: 614821

Ion Ratio Lower Upper

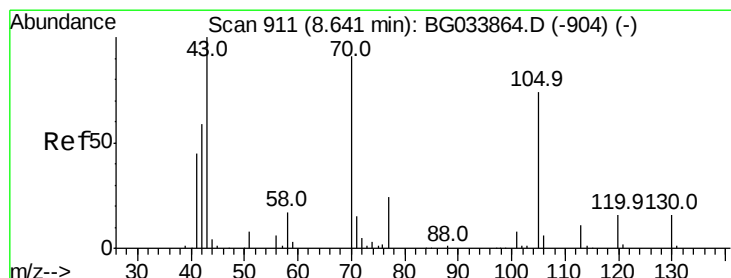
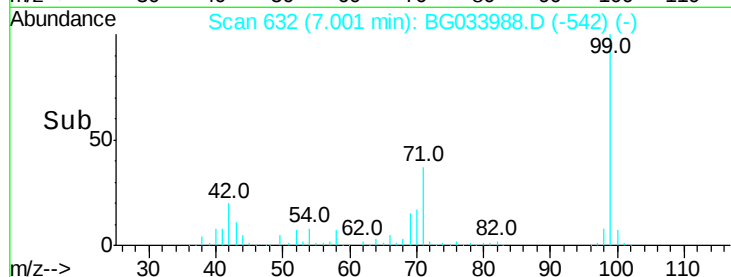
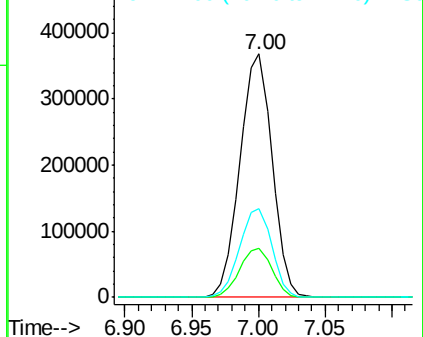
99 100

42 20.3 14.1 21.1

71 36.6 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: 13.368 ng

RT: 8.97 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

Tgt Ion: 70 Resp: 64627

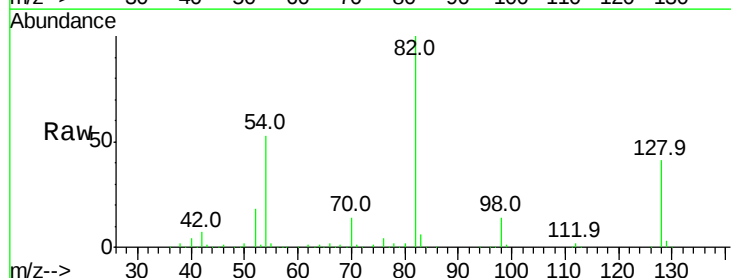
Ion Ratio Lower Upper

70 100

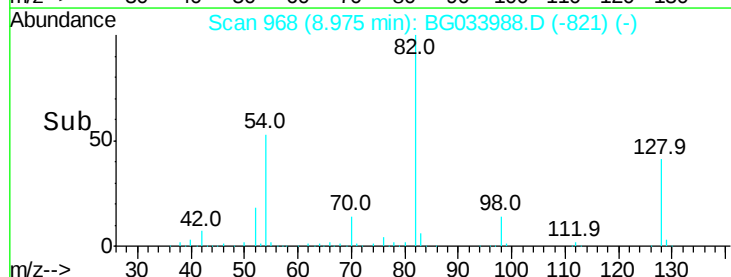
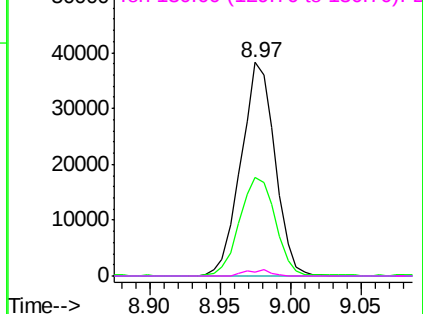
42 45.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 272264

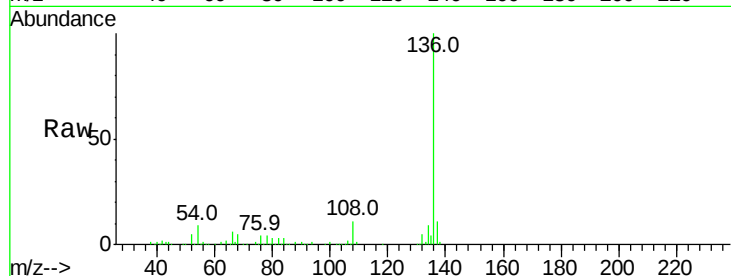
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.0 10.3 15.5#

68 5.3 4.5 6.7

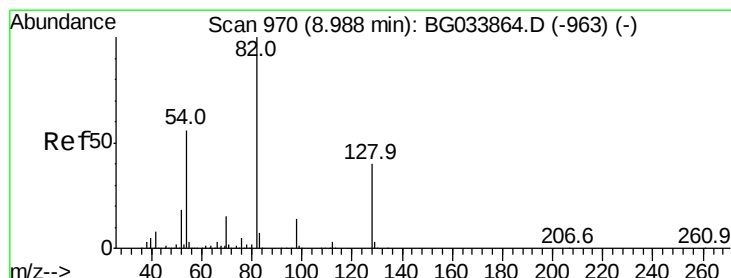
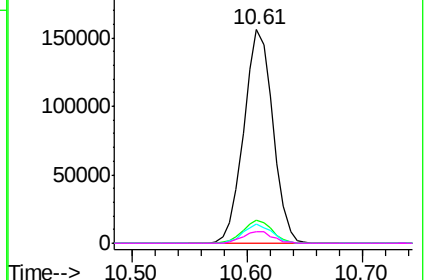
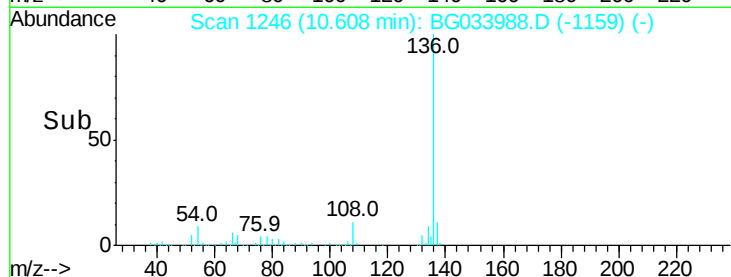


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 98.406 ng

RT: 8.97 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

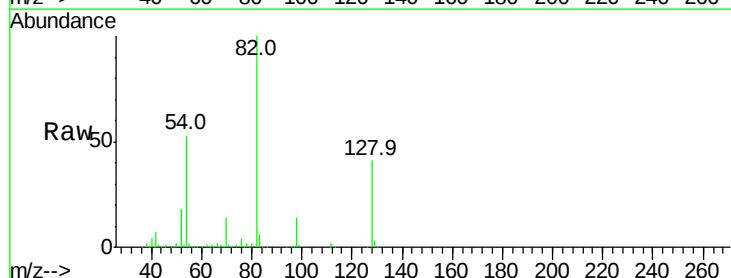
Tgt Ion: 82 Resp: 470789

Ion Ratio Lower Upper

82 100

128 41.1 29.7 44.5

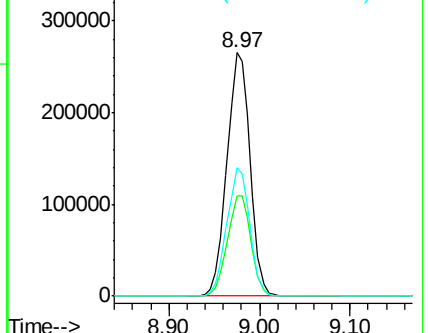
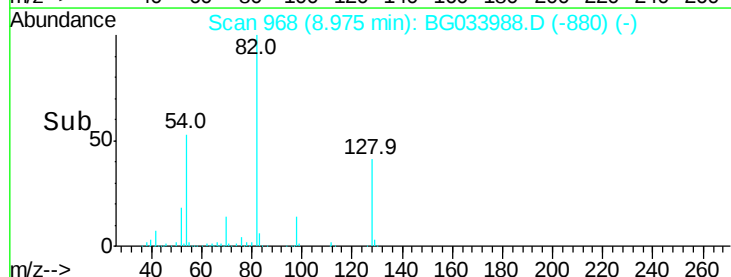
54 53.0 43.1 64.7

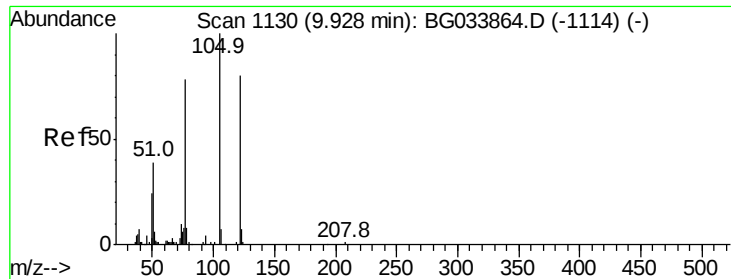


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

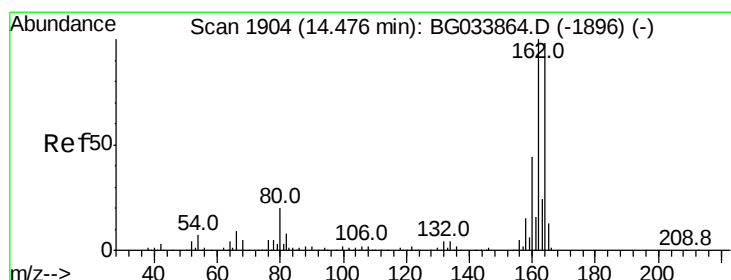
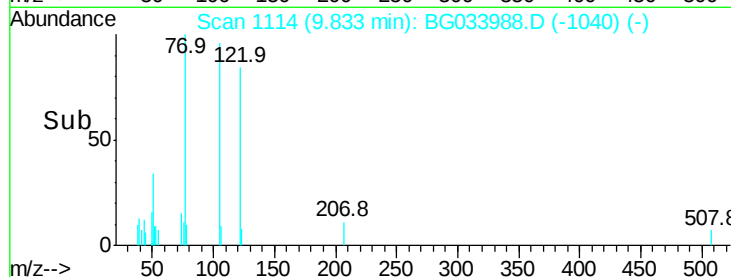
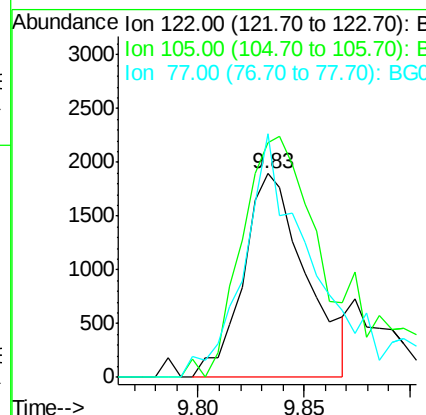
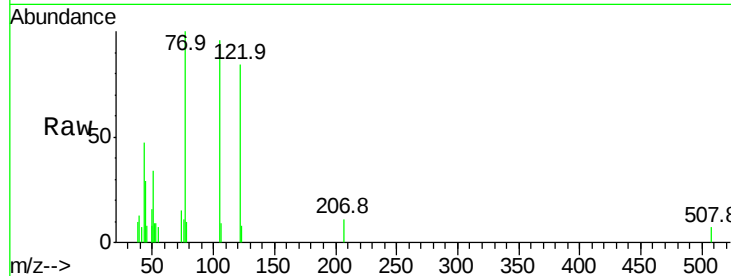




#32
Benzoic acid
Concen: 5.991 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.10 min
Lab File: BG033988.D
Acq: 25 Apr 2018 15:58

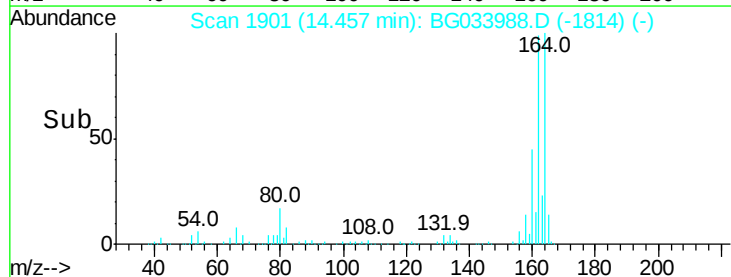
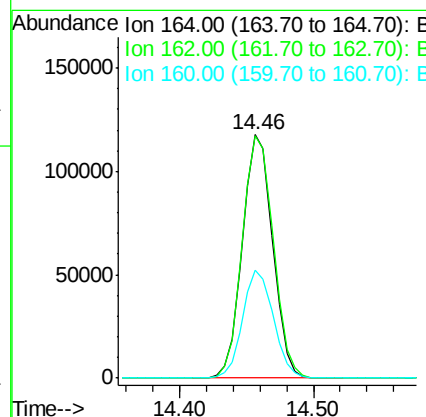
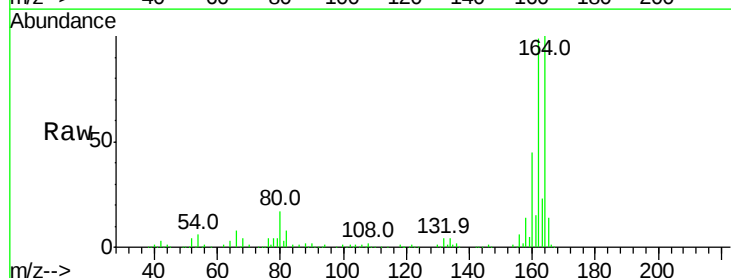
Instrument :
BNA_G
ClientSampleId :

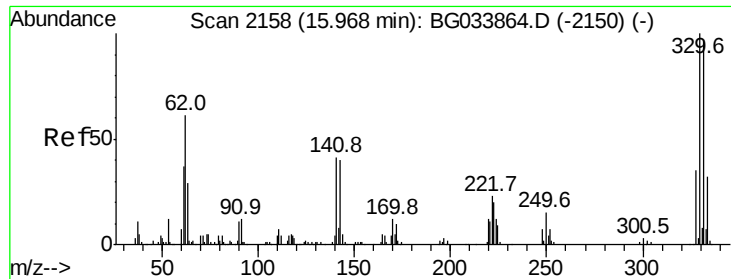
Tot Ion:122 Resp: 3895
Ion Ratio Lower Upper
122 100
105 125.5 123.5 163.5
77 119.7 85.7 125.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033988.D
Acq: 25 Apr 2018 15:58

Tgt Ion:164 Resp: 183765
Ion Ratio Lower Upper
164 100
162 99.4 78.8 118.2
160 44.6 35.4 53.0

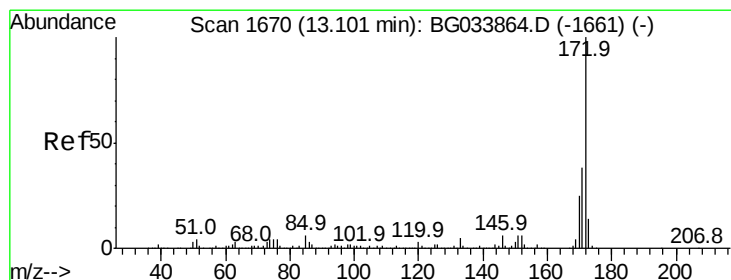
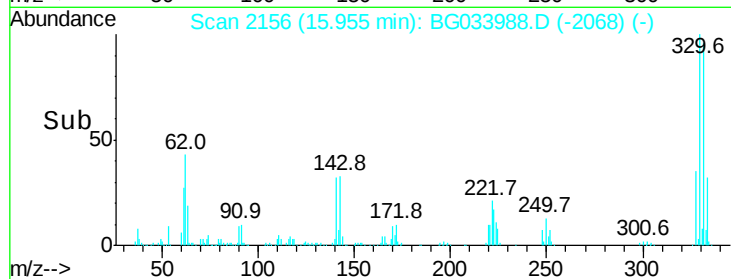
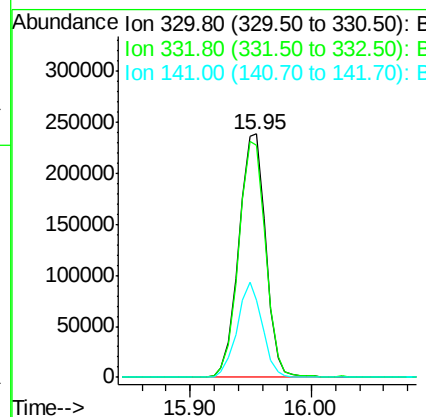
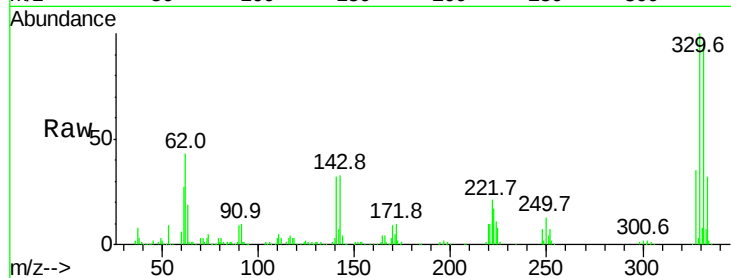




#41
 2,4,6-Tribromophenol
 Concen: 173.061 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

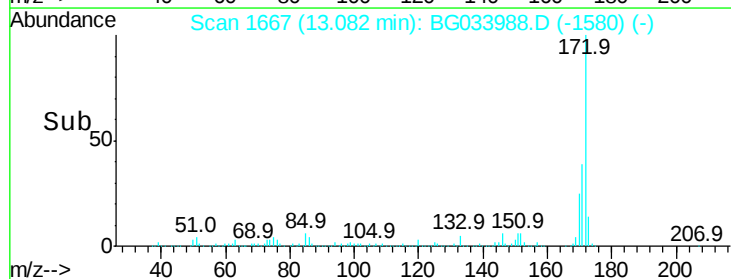
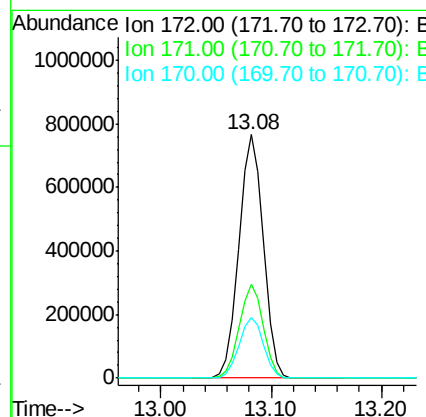
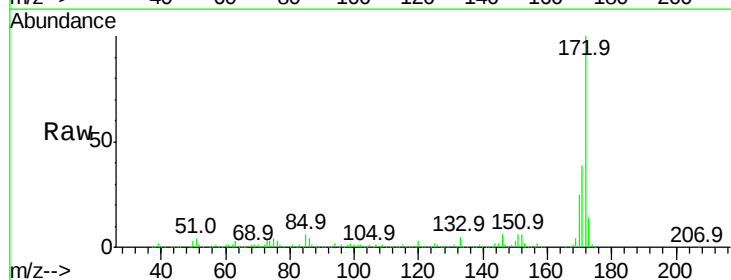
Instrument :
 BNA_G
 ClientSampleId :

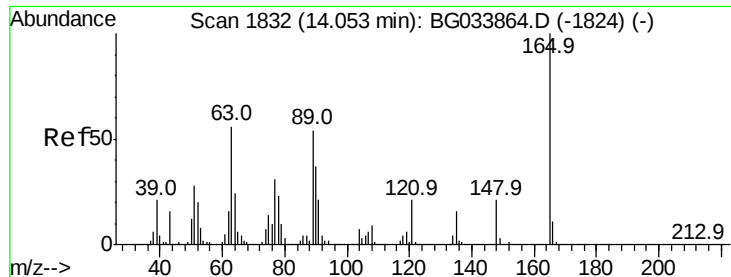
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.975 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.8	19.5	29.3

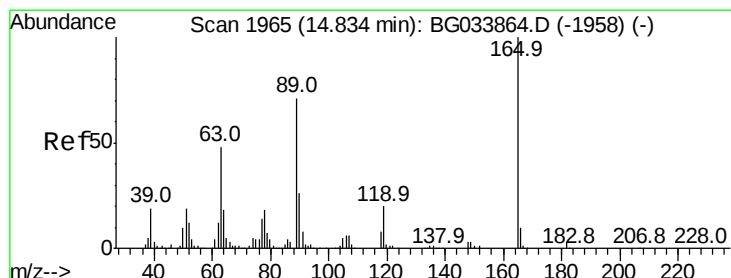
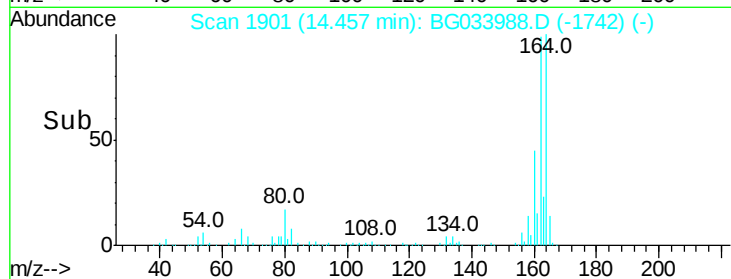
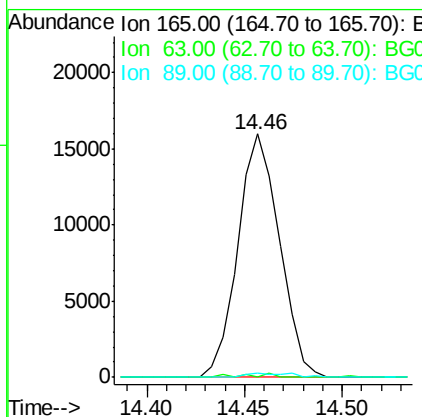
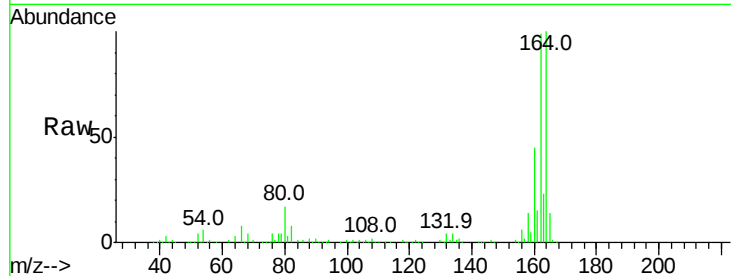




#50
 2,6-Dinitrotoluene
 Concen: 7.689 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.40 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

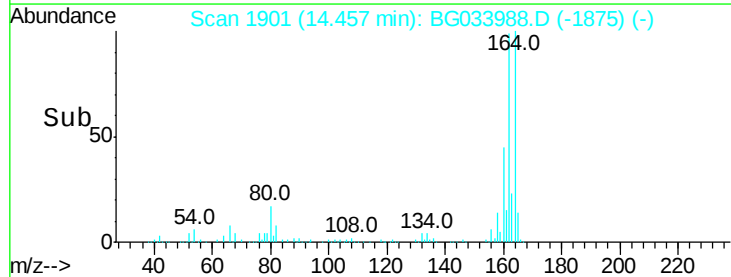
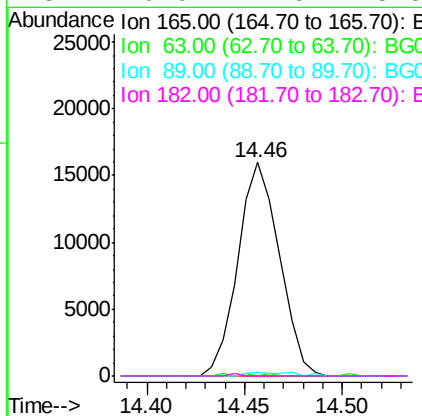
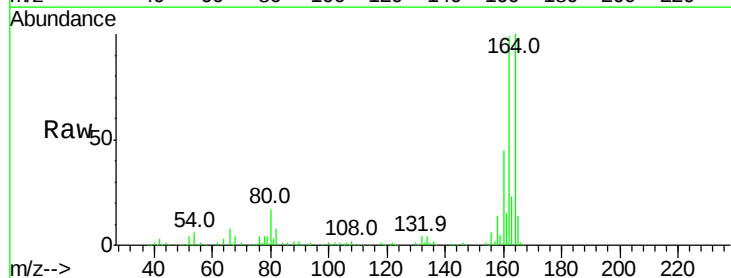
Instrument :
 BNA_G
 ClientSampleId :

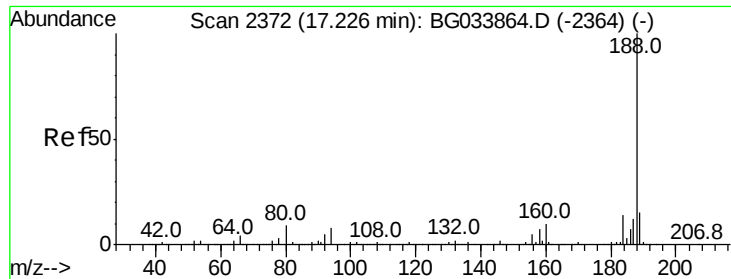
Tot Ion:165 Resp: 23554
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.7 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.782 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

Tgt Ion:165 Resp: 23554
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

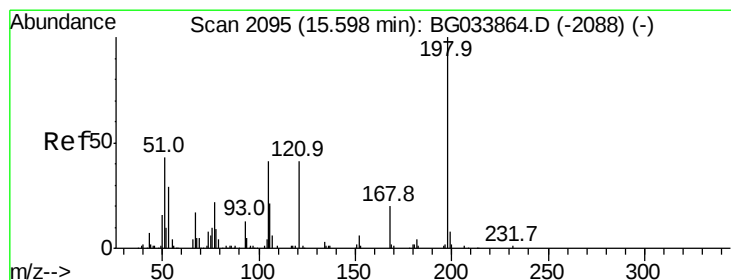
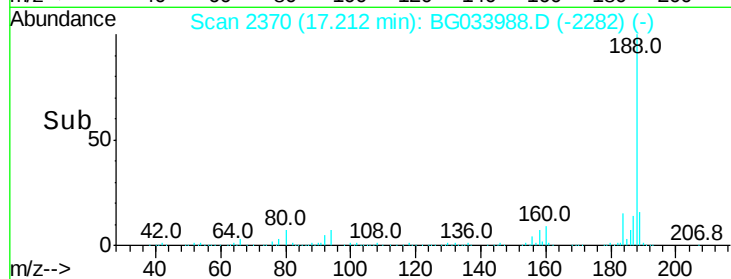
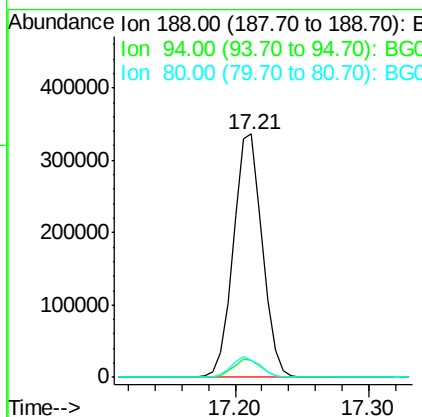
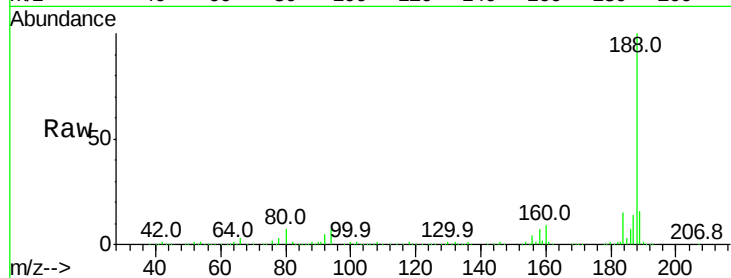




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

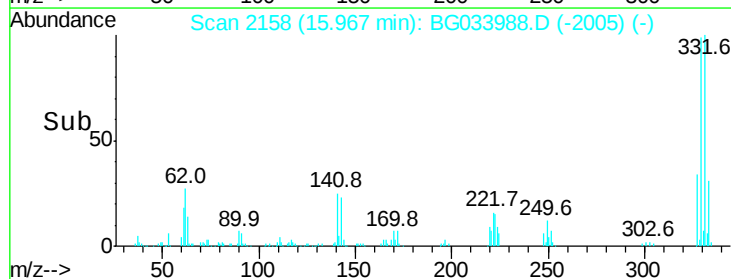
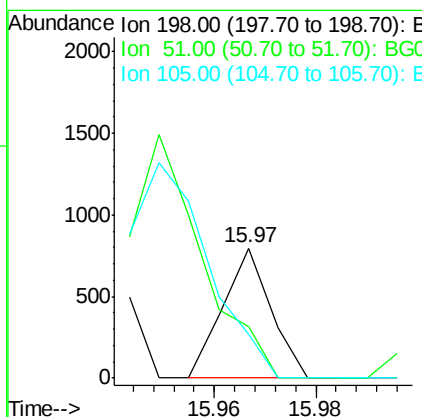
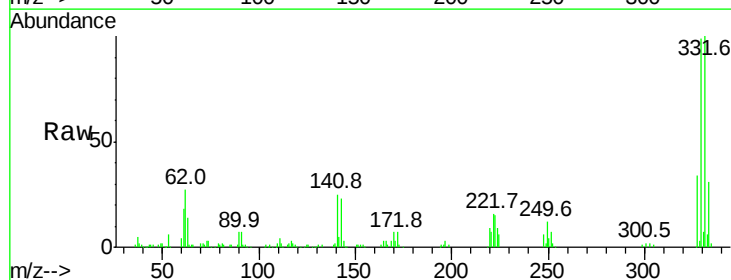
Instrument :
 BNA_G
 ClientSampleId :

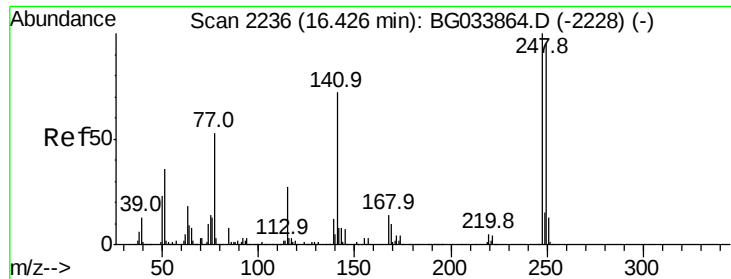
Tot Ion:188 Resp: 503163
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3#
 80 7.1 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.677 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. 0.37 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

Tgt Ion:198 Resp: 525
 Ion Ratio Lower Upper
 198 100
 51 40.2 30.6 70.6
 105 33.8 23.8 63.8

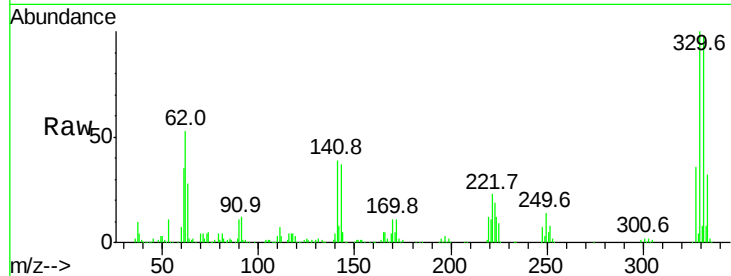




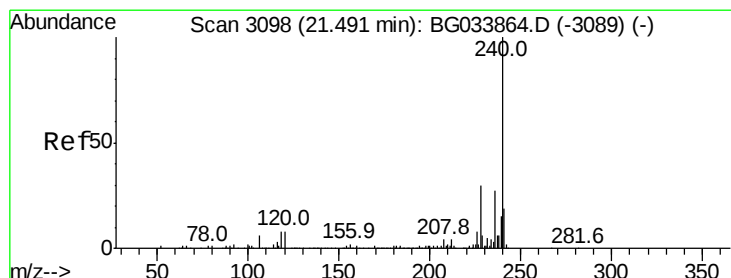
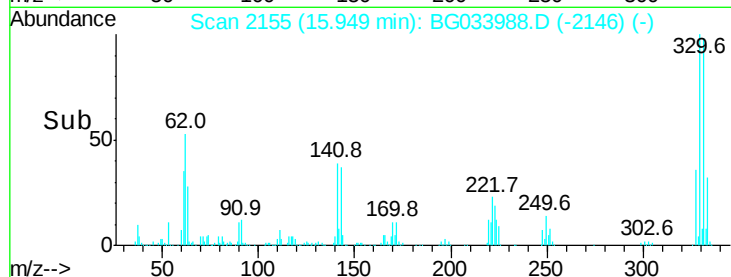
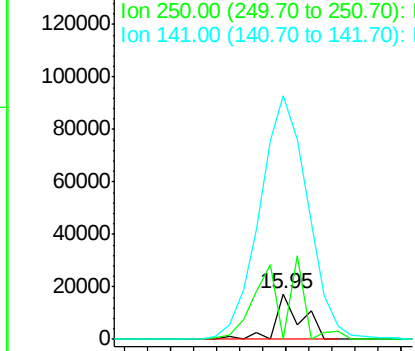
#66
 4-Bromophenyl-phenylether
 Concen: 2.396 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.48 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13241
 Ion Ratio Lower Upper
 248 100
 250 45.1 77.1 115.7#
 141 390.1 50.8 76.2#

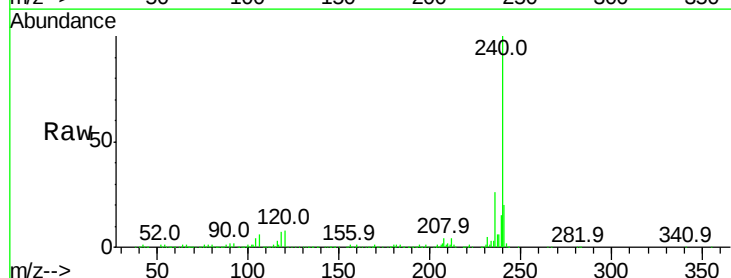


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

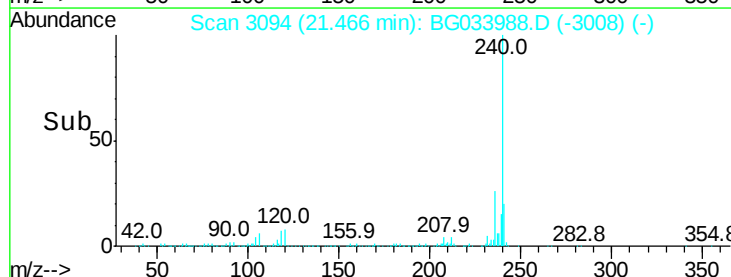
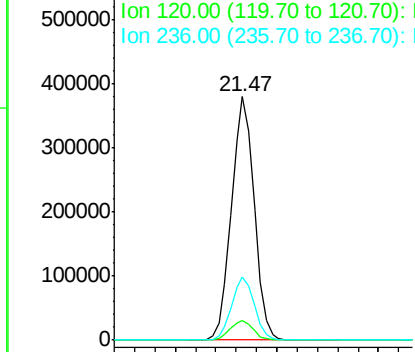


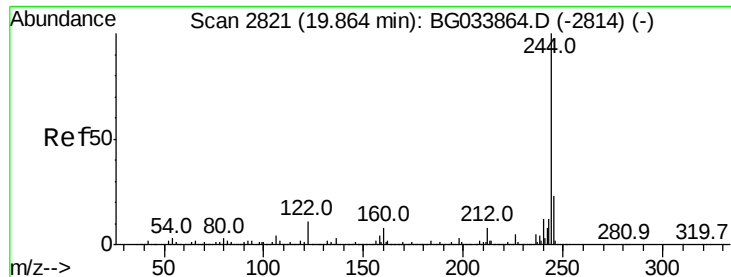
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033988.D
 Acq: 25 Apr 2018 15:58

Tgt Ion:240 Resp: 588188
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.8 10.2
 236 26.0 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





#78

Terphenyl-d14

Concen: 86.784 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

Instrument :

BNA_G

ClientSampleId :

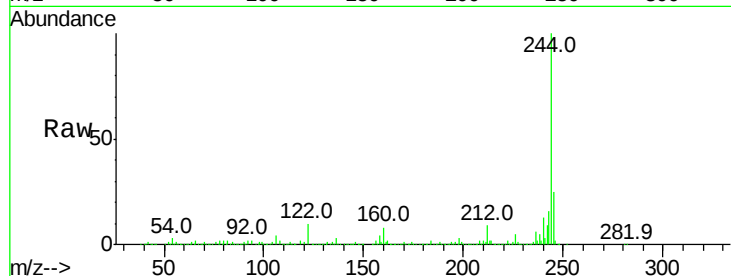
Tot Ion:244 Resp: 2272100

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

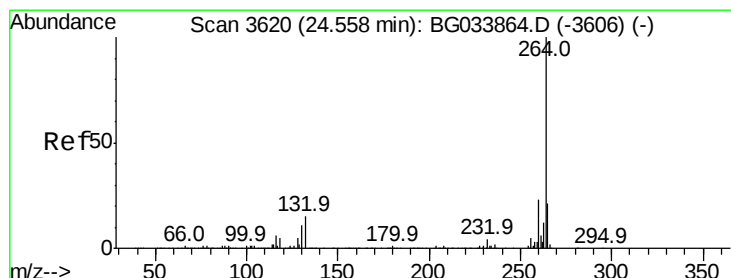
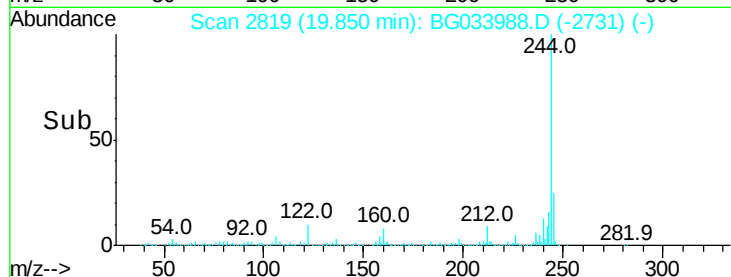
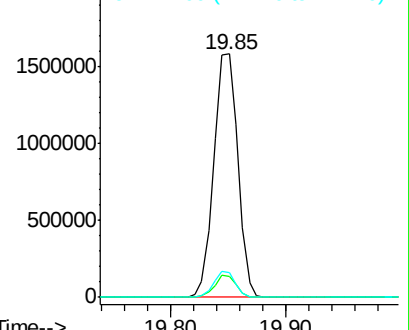
122 10.0 7.0 10.4



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033988.D

Acq: 25 Apr 2018 15:58

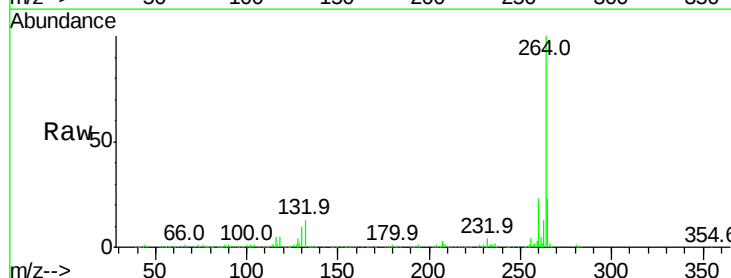
Tgt Ion:264 Resp: 569132

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.5 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

