

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033945.D
 Acq On : 24 Apr 2018 7:22
 Operator : SJ/JU
 Sample : J2500-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 08:05:32 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

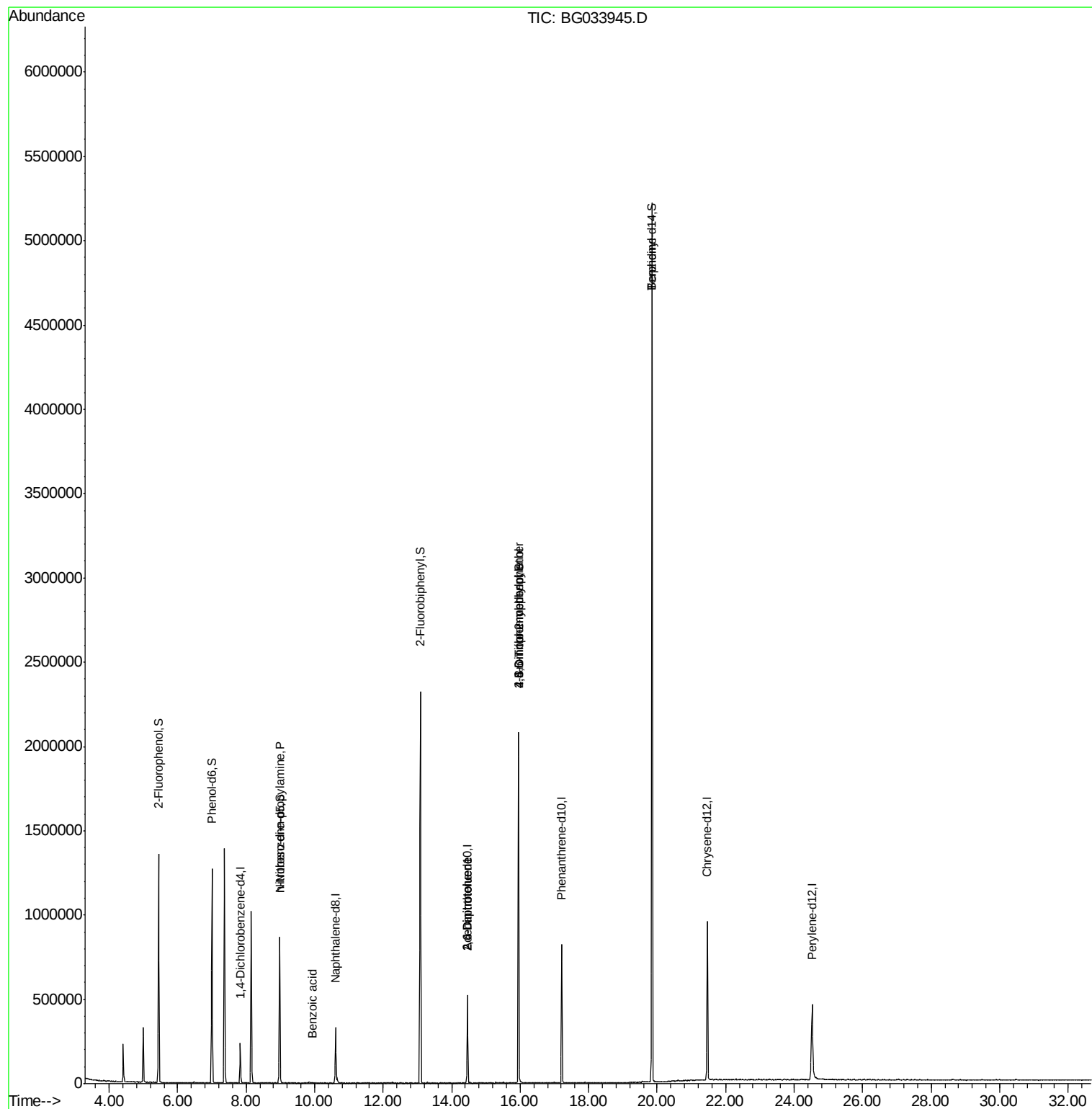
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	64914	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	271067	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	181898	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	511975	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	558168	20.00	ng	-0.03
86) Perylene-d12	24.52	264	523269	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	567713	139.63	ng	0.00
7) Phenol-d6	7.00	99	706689	119.16	ng	0.00
23) Nitrobenzene-d5	8.98	82	507405	106.53	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	368087	173.45	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1237527	99.94	ng	-0.02
78) Terphenyl-d14	19.85	244	2357130	94.87	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	1298	Below Cal	Qvalue	# 19
19) n-Nitroso-di-n-propylamine	8.98	70	69887	13.825 ng	#	78
32) Benzoic acid	9.93	122	238	5.140 ng	#	57
50) 2,6-Dinitrotoluene	14.46	165	23268	7.673 ng	#	20
56) 2,4-Dinitrotoluene	14.46	165	23268	5.770 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.96	198	2349	7.313 ng	#	61
66) 4-Bromophenyl-phenylether	15.95	248	21364	3.800 ng	#	1
76) Benzidine	19.85	184	41252	2.737 ng	#	91

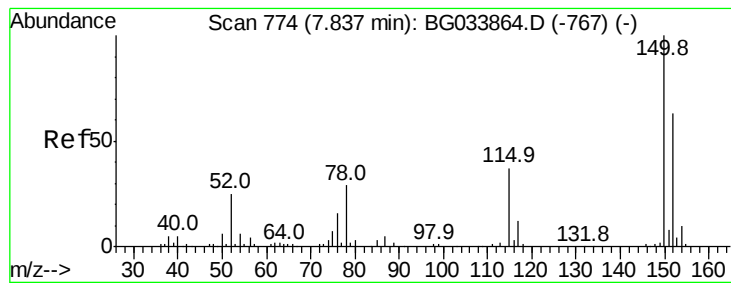
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033945.D
Acq On : 24 Apr 2018 7:22
Operator : SJ/JU
Sample : J2500-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 24 08:05:32 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



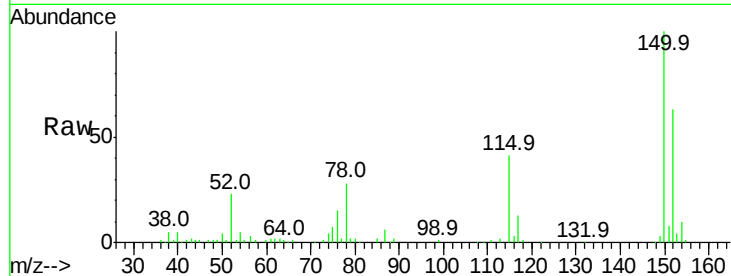


#1

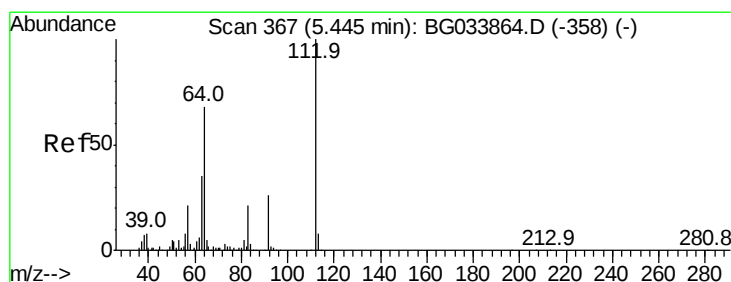
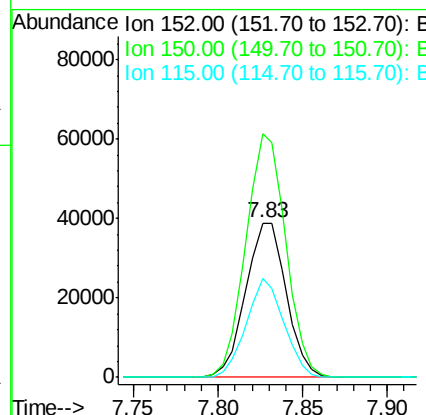
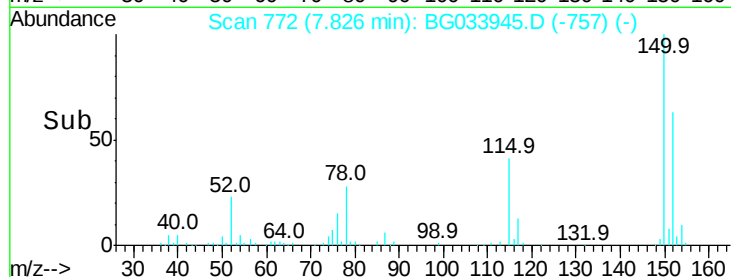
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 64914
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 189.8
 115 64.3 53.0 79.4



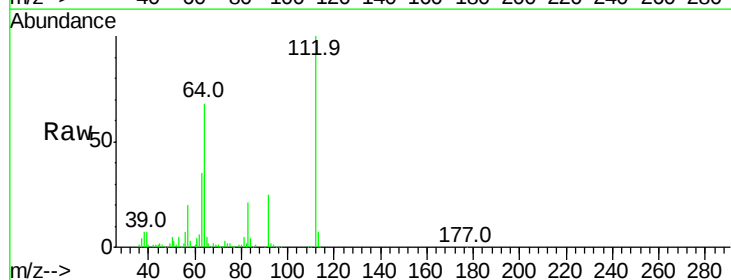
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



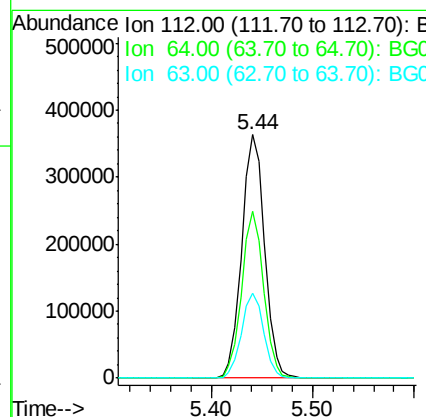
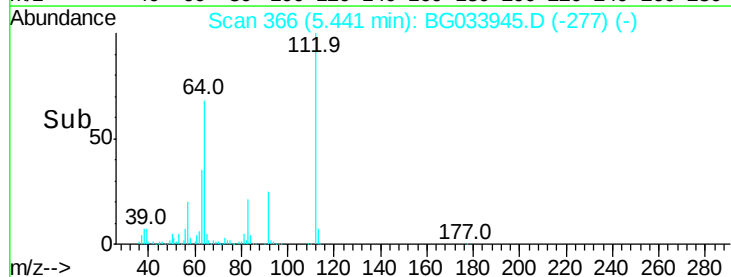
#5

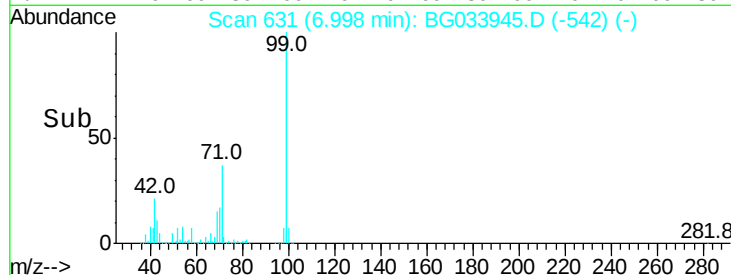
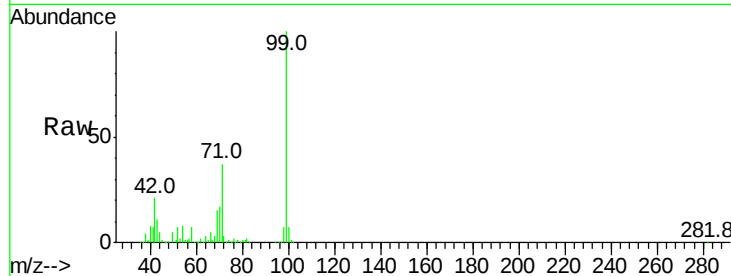
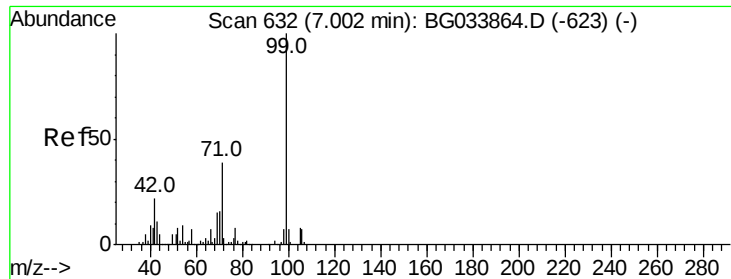
2-Fluorophenol
 Concen: 139.627 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion:112 Resp: 567713
 Ion Ratio Lower Upper
 112 100
 64 68.3 56.3 84.5
 63 34.7 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: 119.164 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampled :

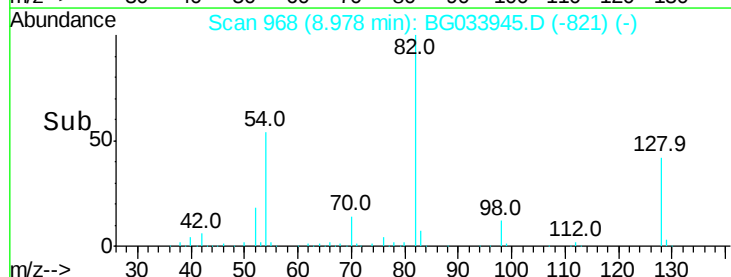
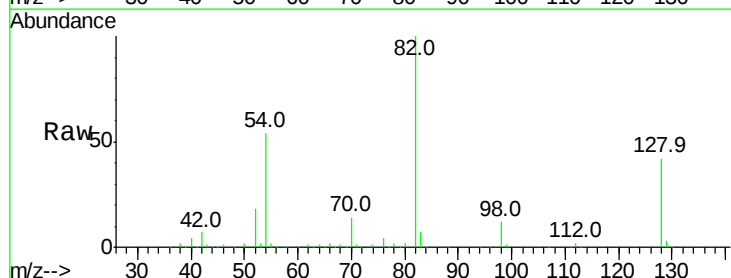
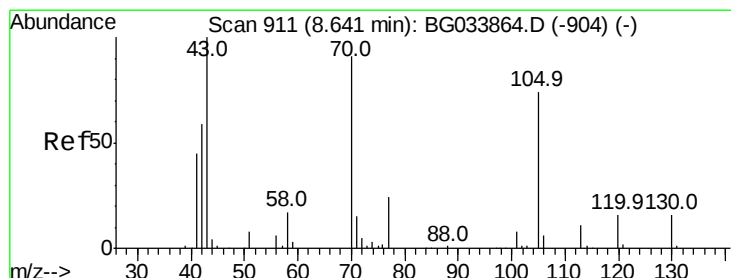
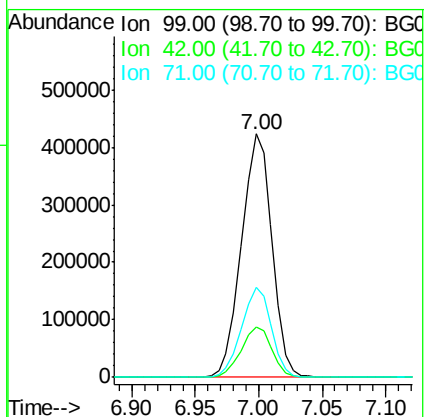
Tot Ion: 99 Resp: 706689

Ion Ratio Lower Upper

99 100

42 20.8 14.1 21.1

71 36.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.825 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Tgt Ion: 70 Resp: 69887

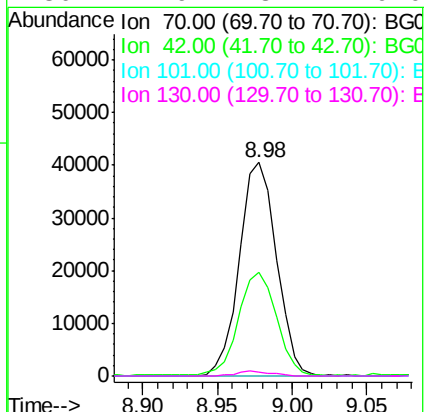
Ion Ratio Lower Upper

70 100

42 48.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

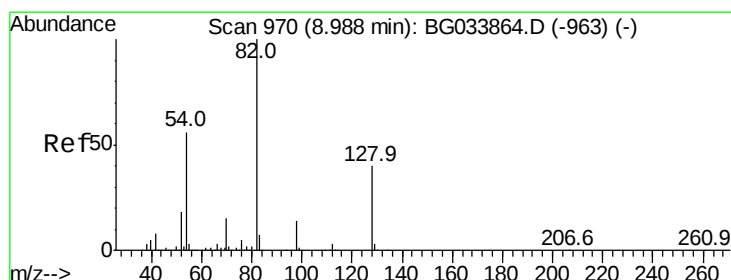
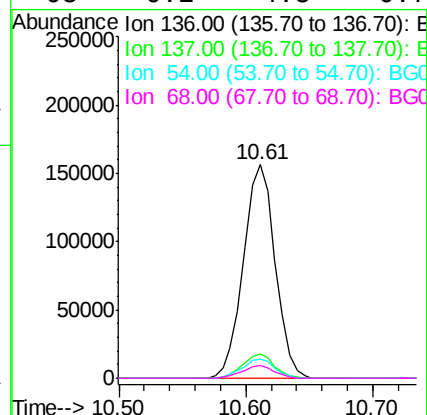
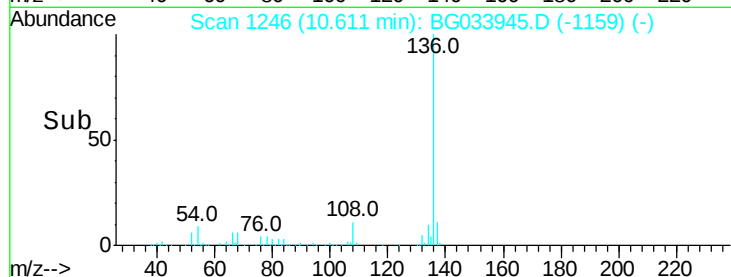
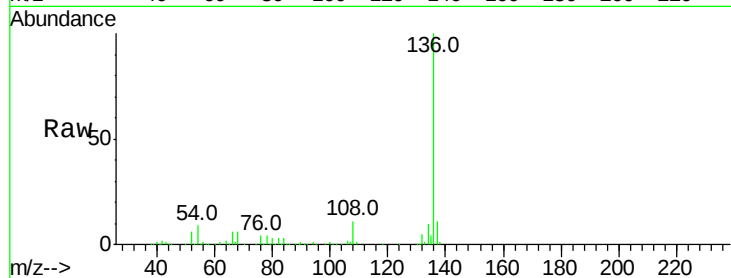




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

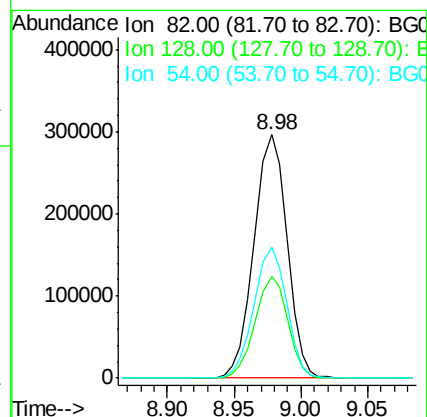
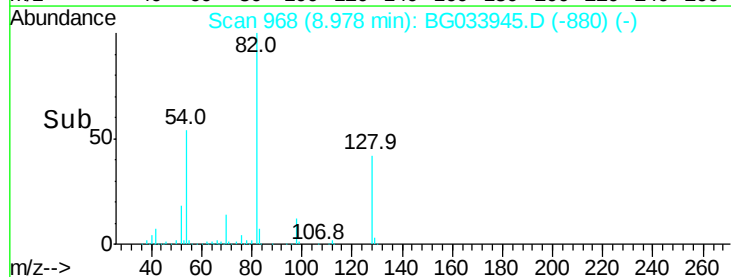
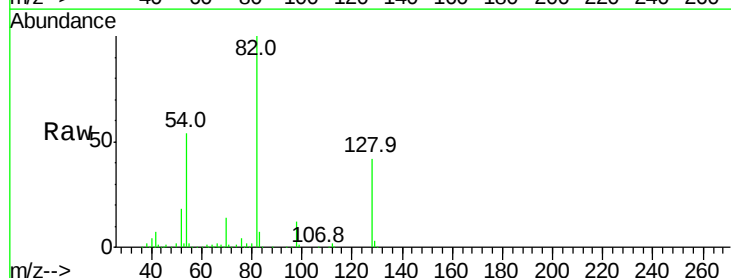
Instrument :
BNA_G
ClientSampled :

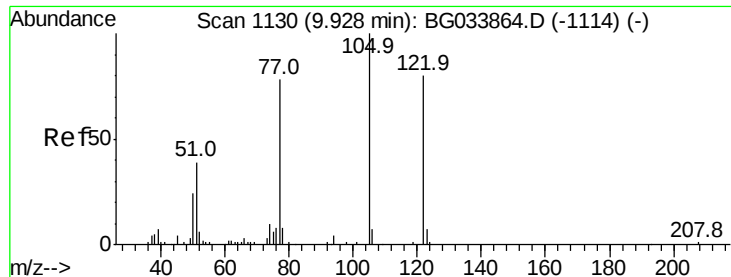
Tot Ion:136	Resp:	271067
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	9.2	10.3 15.5#
68	6.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 106.528 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

Tgt Ion: 82	Resp:	507405
Ion Ratio	Lower	Upper
82	100	
128	41.8	29.7 44.5
54	53.9	43.1 64.7





#32

Benzoic acid

Concen: 5.140 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampleId :

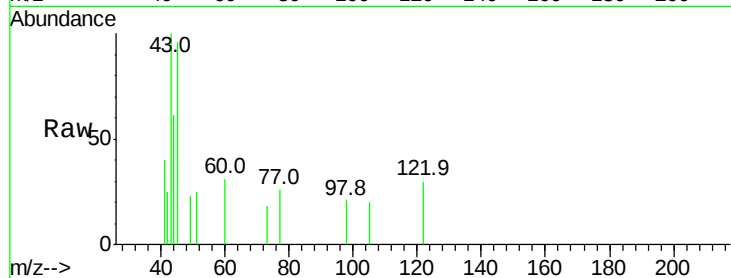
Tot Ion:122 Resp: 238

Ion Ratio Lower Upper

122 100

105 67.9 123.5 163.5#

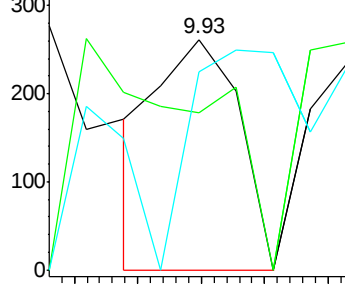
77 85.9 85.7 125.7



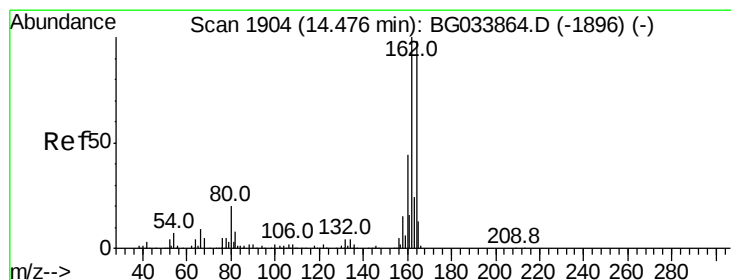
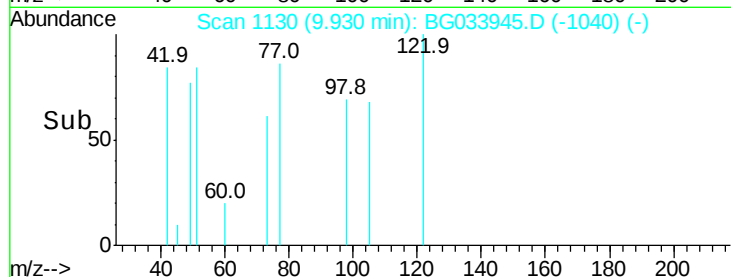
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

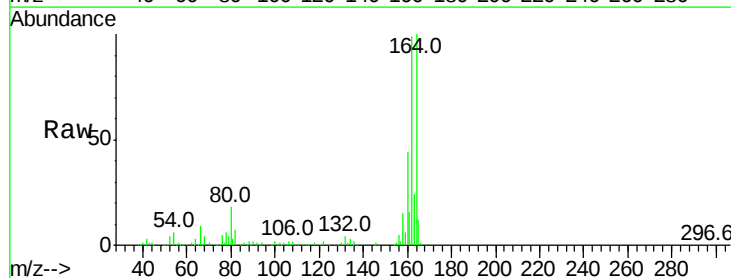
Tgt Ion:164 Resp: 181898

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

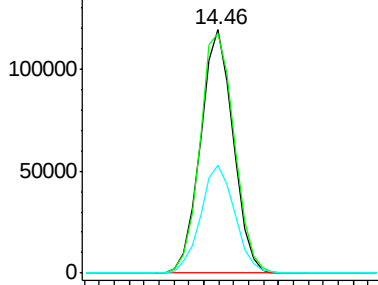
160 44.2 35.4 53.0



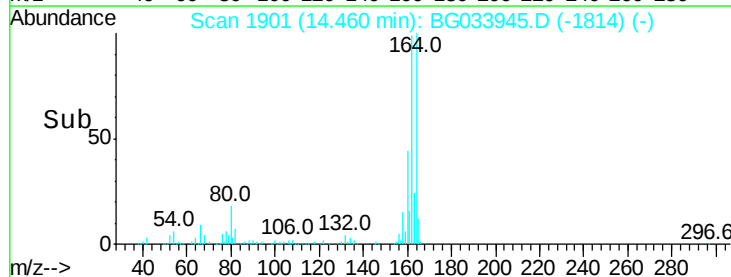
Abundance Ion 164.00 (163.70 to 164.70): E

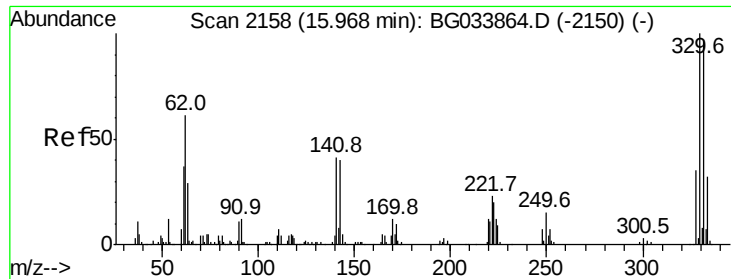
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

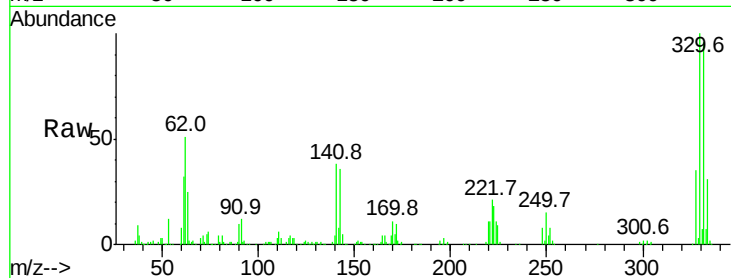




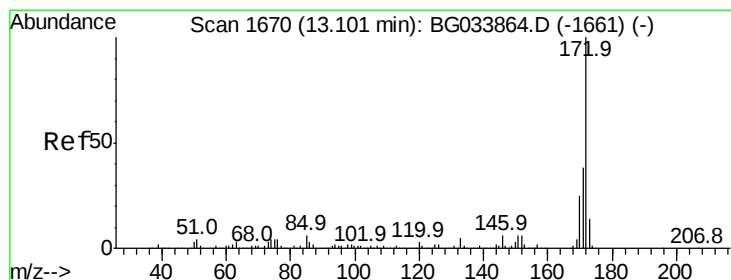
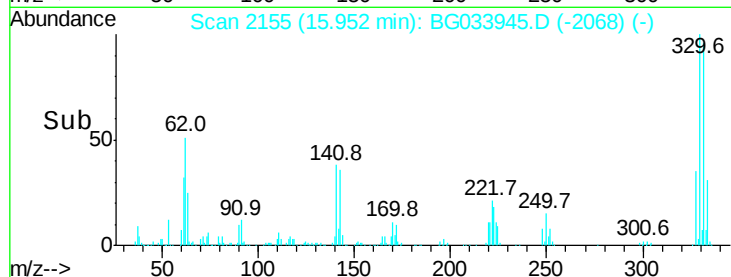
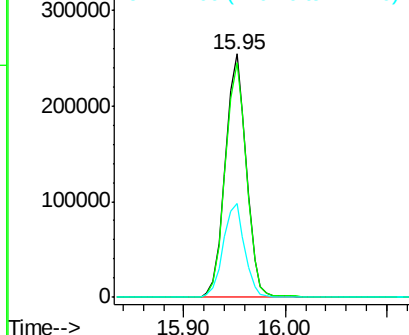
#41
 2,4,6-Tribromophenol
 Concen: 173.452 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 368087
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.2 25.2 37.8#

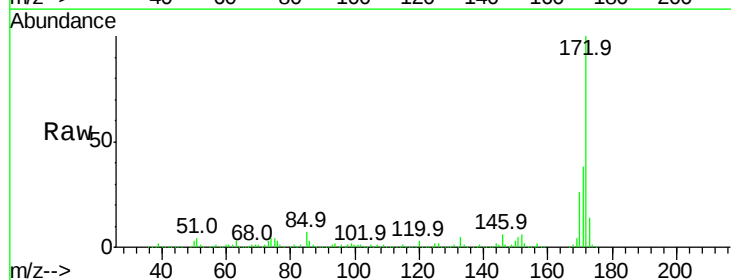


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

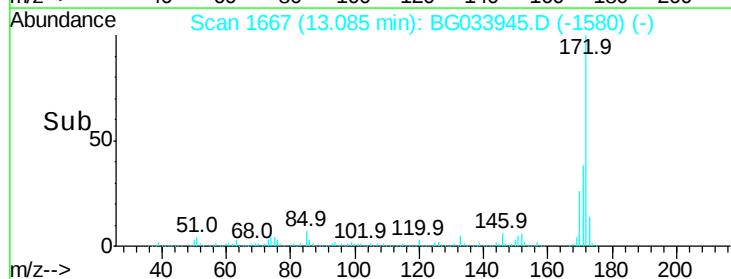
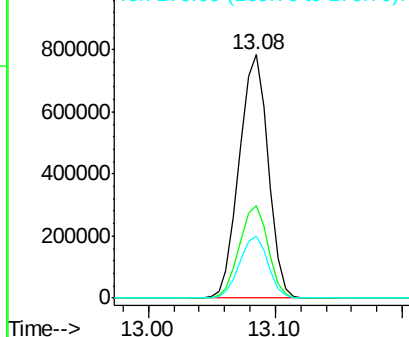


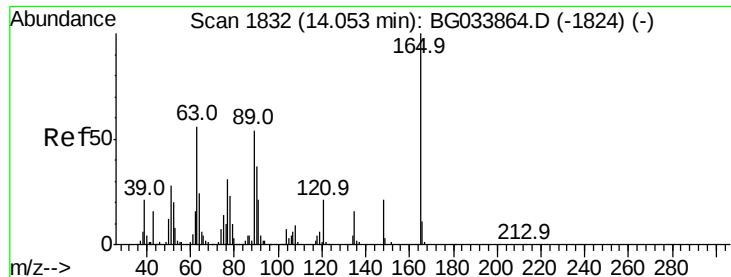
#44
 2-Fluorobiphenyl
 Concen: 99.944 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion:172 Resp: 1237527
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.5 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

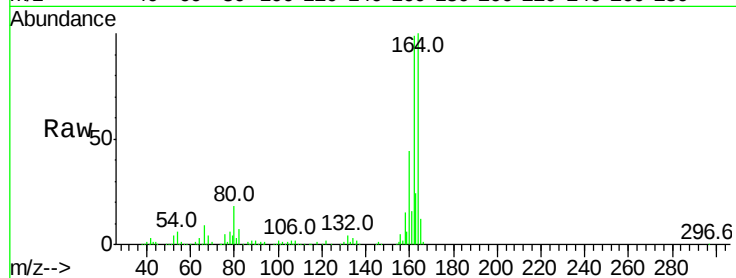




#50
 2,6-Dinitrotoluene
 Concen: 7.673 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.41 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Instrument :
 BNA_G
 ClientSampleId :

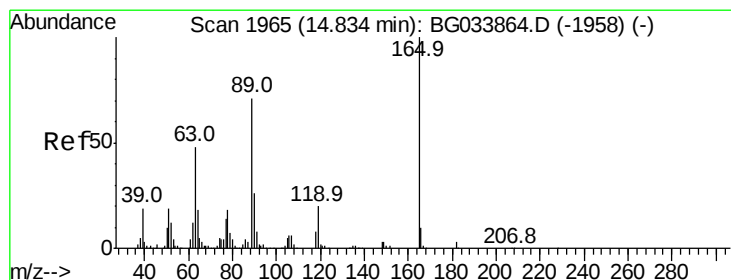
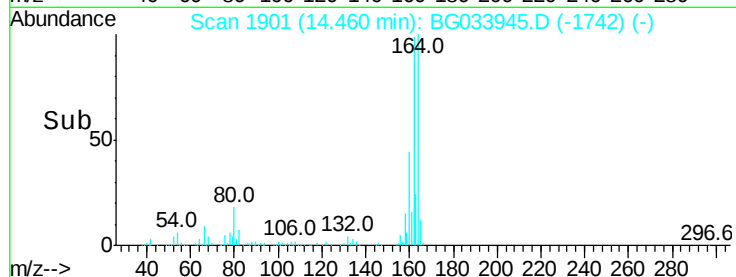
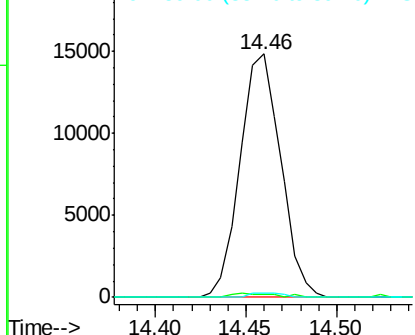
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	1.8	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

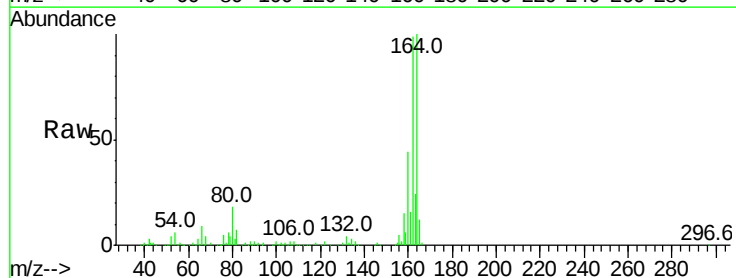
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.37 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

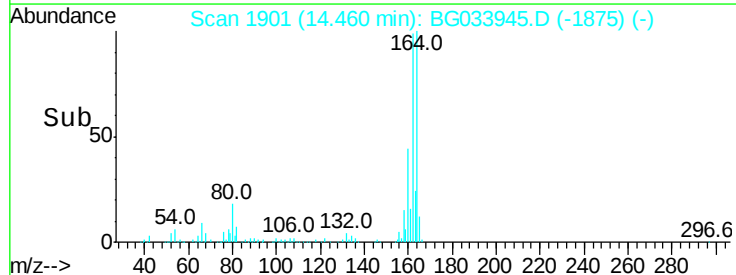
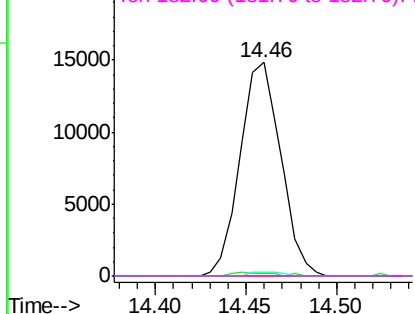


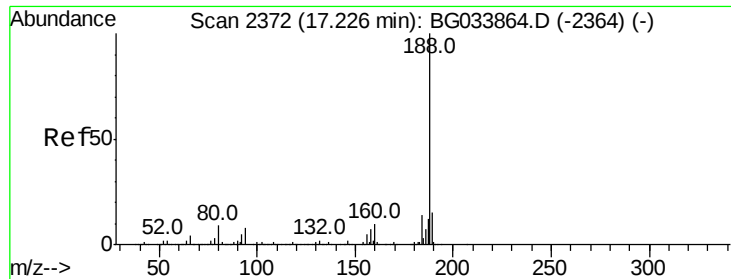
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampleId :

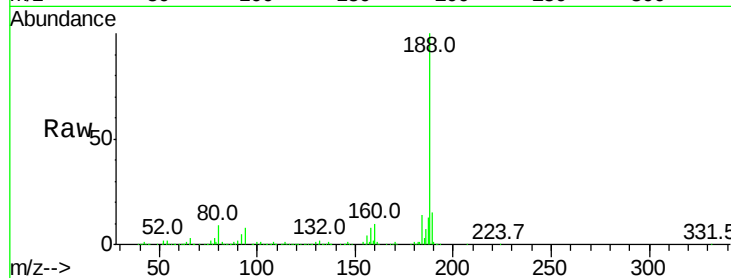
Tot Ion:188 Resp: 511975

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

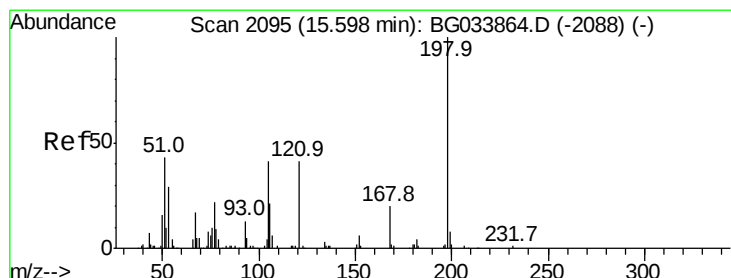
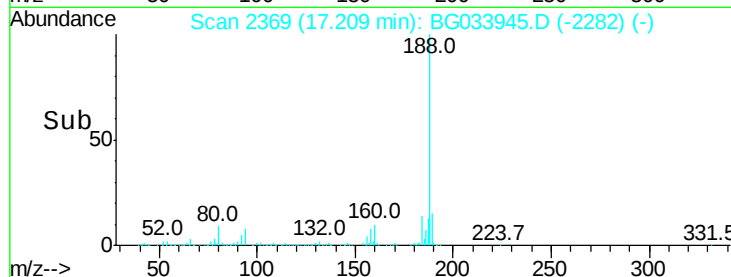
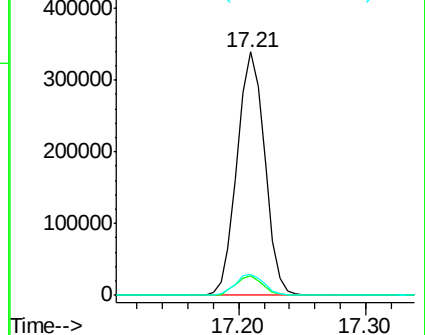
80 8.7 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.313 ng

RT: 15.96 min Scan# 2156

Delta R.T. 0.36 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

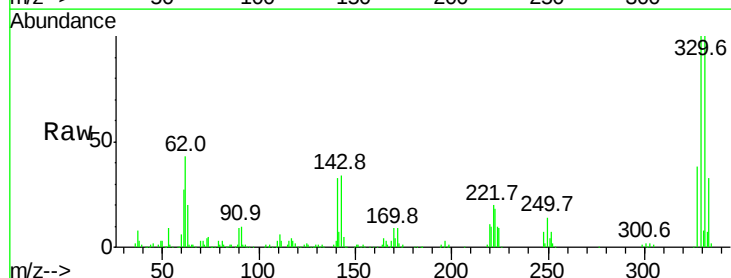
Tgt Ion:198 Resp: 2349

Ion Ratio Lower Upper

198 100

51 18.4 30.6 70.6#

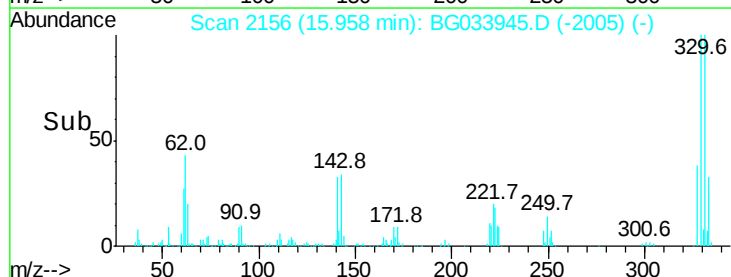
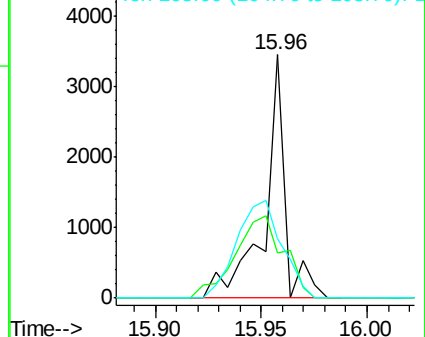
105 24.5 23.8 63.8

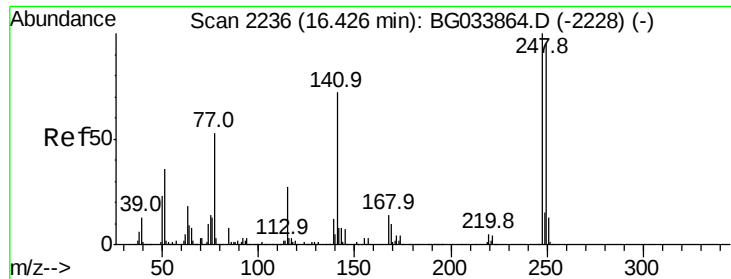


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

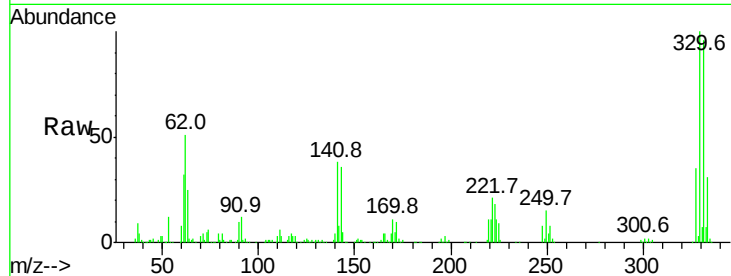




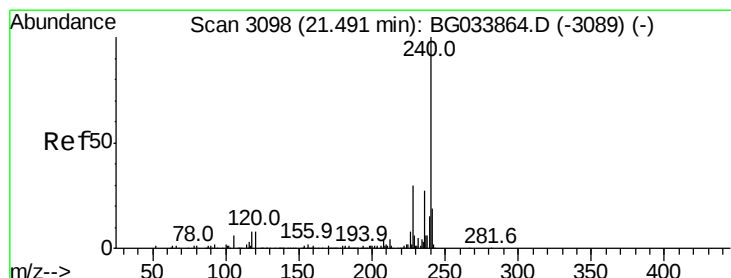
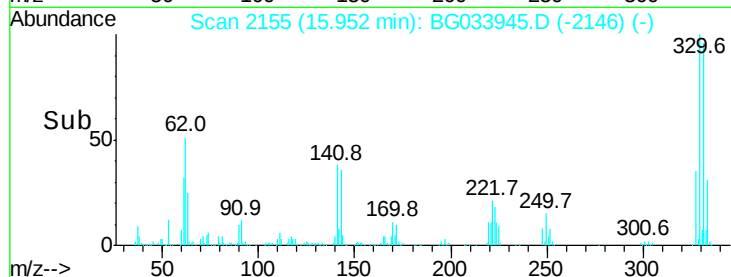
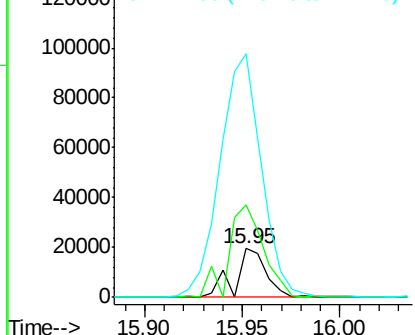
#66
 4-Bromophenyl-phenylether
 Concen: 3.800 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.47 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 21364
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.1 115.7#
 141 391.3 50.8 76.2#

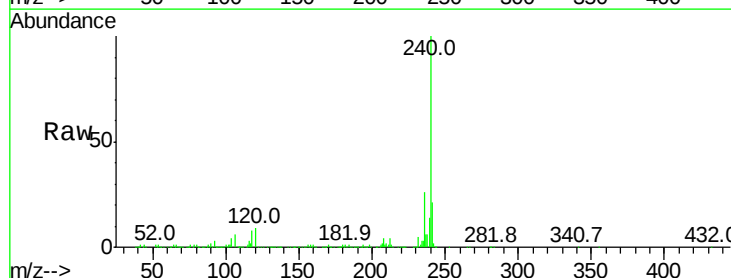


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

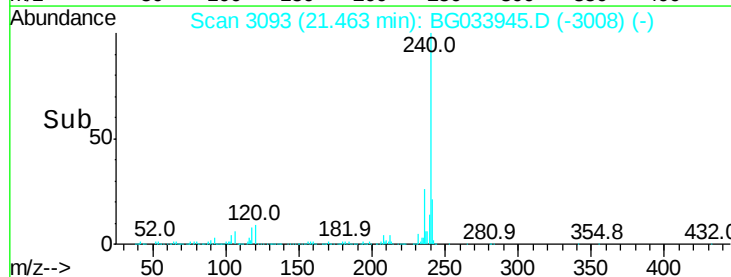
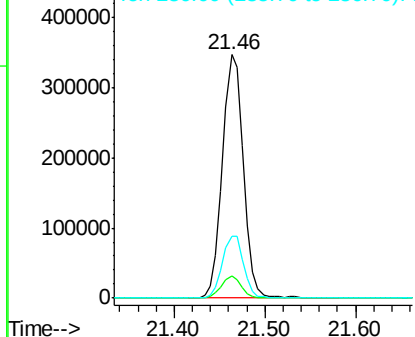


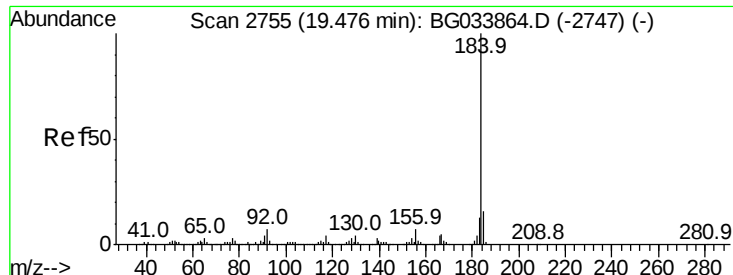
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.46 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BG033945.D
 Acq: 24 Apr 2018 7:22

Tgt Ion:240 Resp: 558168
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.8 10.2
 236 25.6 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: 2.737 ng

RT: 19.85 min Scan# 2818

Delta R.T. 0.37 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

Instrument :

BNA_G

ClientSampleId :

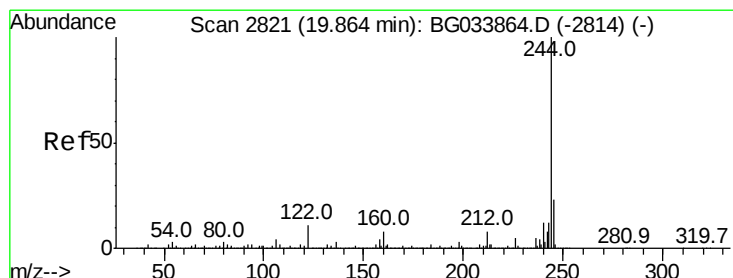
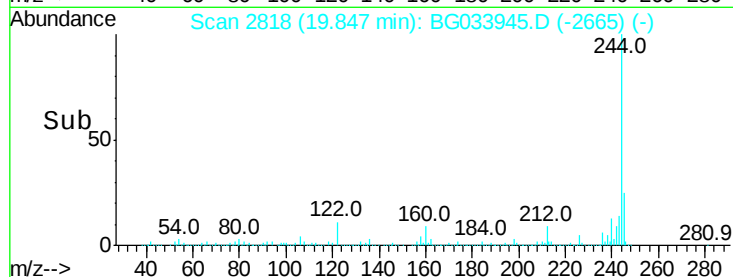
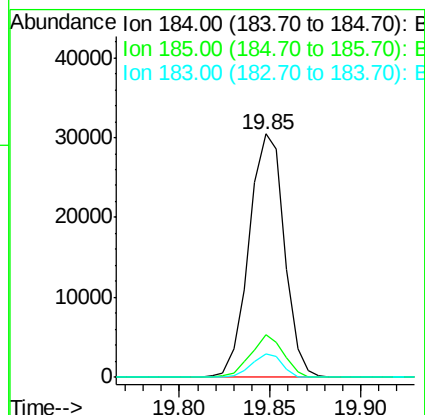
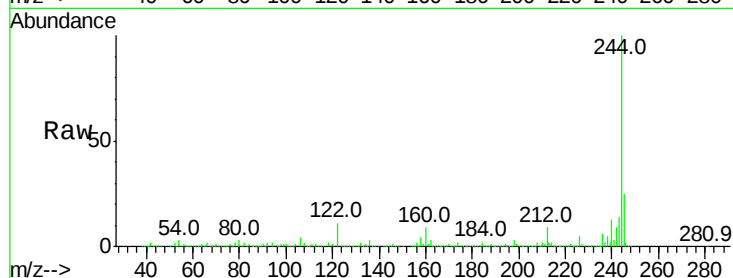
Tot Ion:184 Resp: 41252

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

183 9.4 10.6 16.0#



#78

Terphenyl-d14

Concen: 94.874 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033945.D

Acq: 24 Apr 2018 7:22

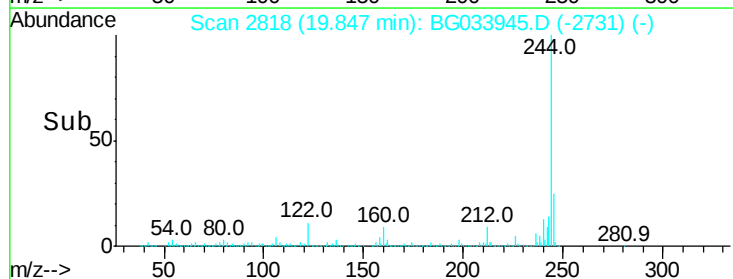
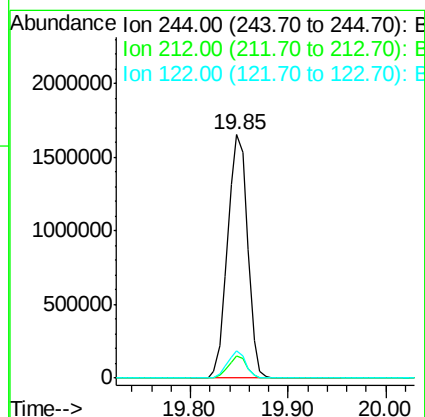
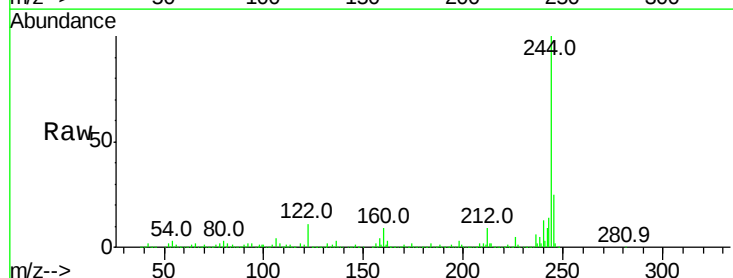
Tgt Ion:244 Resp: 2357130

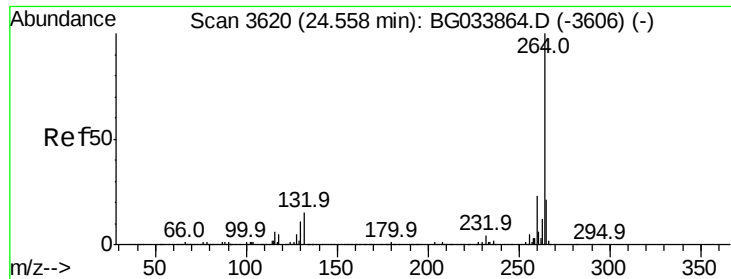
Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

122 11.3 7.0 10.4#

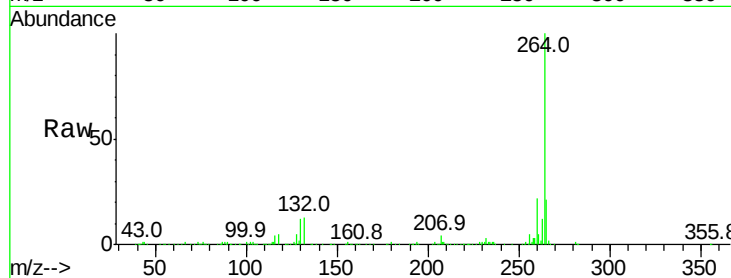




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3613
Delta R.T. -0.04 min
Lab File: BG033945.D
Acq: 24 Apr 2018 7:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.0	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

