

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033954.D
 Acq On : 24 Apr 2018 14:59
 Operator : SJ/JU
 Sample : J2503-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:00:31 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

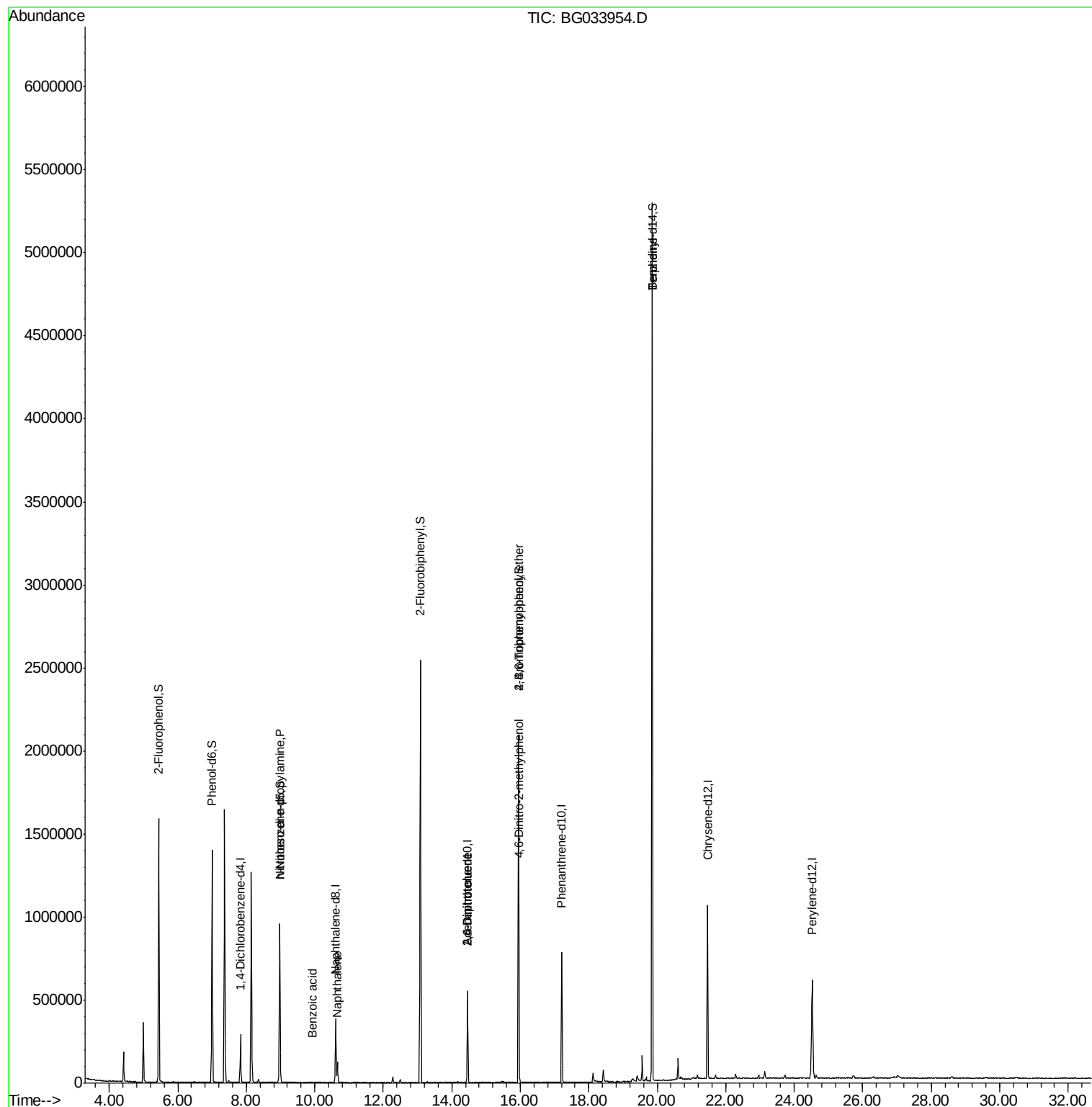
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81165	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	326045	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	194923	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	495729	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	598018	20.00	ng	-0.02
86) Perylene-d12	24.52	264	609368	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	651396	128.13	ng	0.00
7) Phenol-d6	7.00	99	764084	103.04	ng	0.00
23) Nitrobenzene-d5	8.98	82	581421	101.48	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	383488	168.63	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1321914	99.63	ng	-0.02
78) Terphenyl-d14	19.85	244	2339523	87.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.00	77	1537	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	8.98	70	81009	12.816 ng	#	31
31) Naphthalene	10.66	128	101363	6.046 ng	#	77
32) Benzoic acid	9.92	122	55	5.095 ng	#	98
50) 2,6-Dinitrotoluene	14.46	165	25357	7.804 ng	#	1
56) 2,4-Dinitrotoluene	14.46	165	25357	5.868 ng	#	21
64) 4,6-Dinitro-2-methylphenol	15.97	198	264	6.585 ng	#	19
66) 4-Bromophenyl-phenylether	15.95	248	20223	3.715 ng	#	79
76) Benzidine	19.85	184	40189	2.489 ng	#	1
					#	91

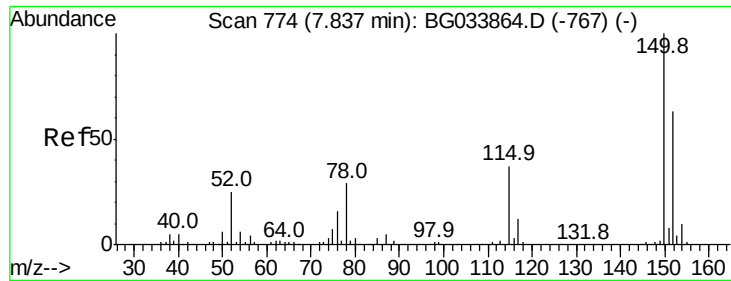
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033954.D
Acq On : 24 Apr 2018 14:59
Operator : SJ/JU
Sample : J2503-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 00:00:31 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



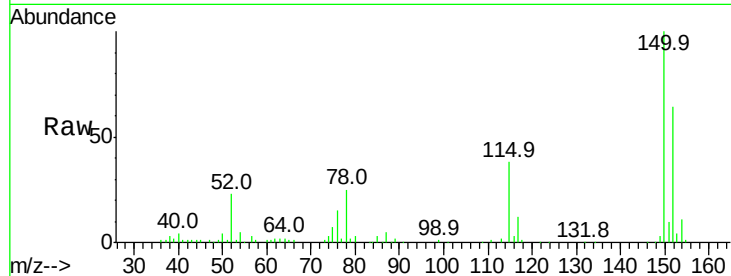


#1

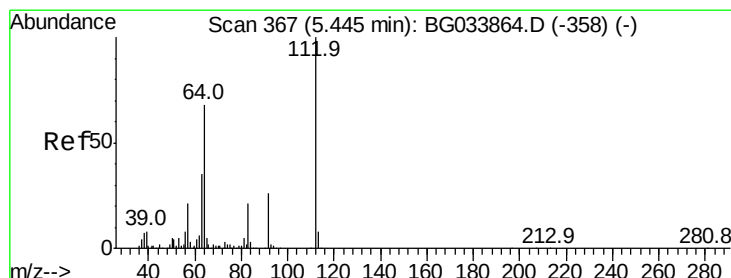
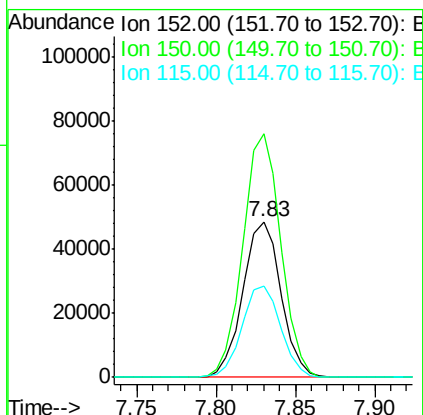
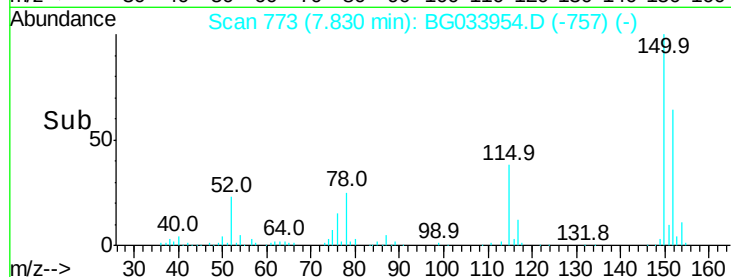
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81165
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 59.0 53.0 79.4



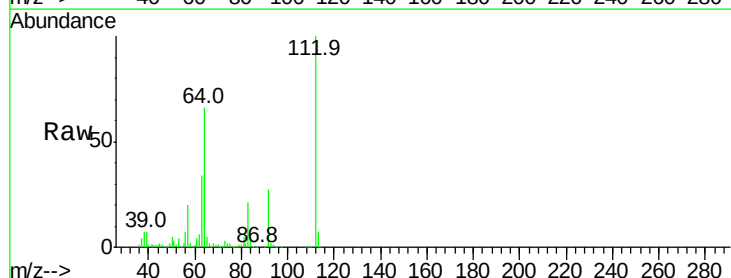
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



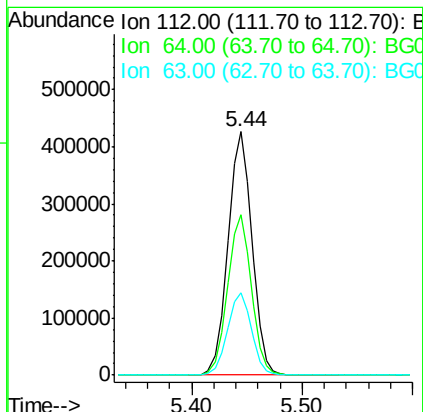
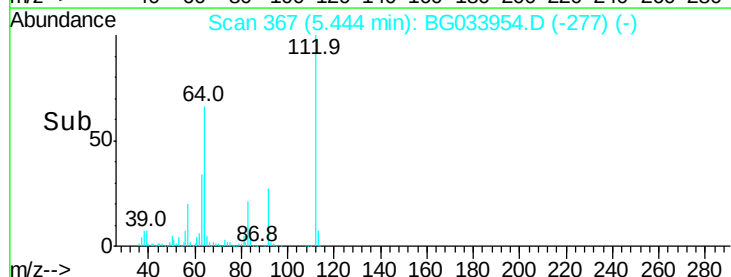
#5

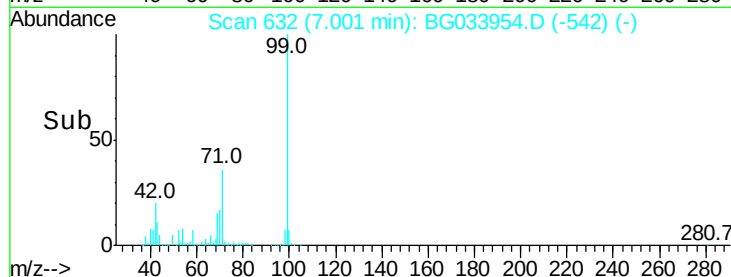
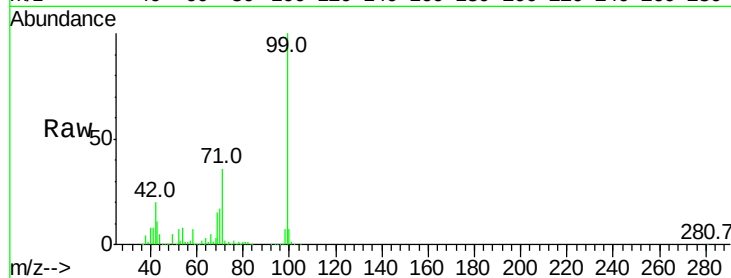
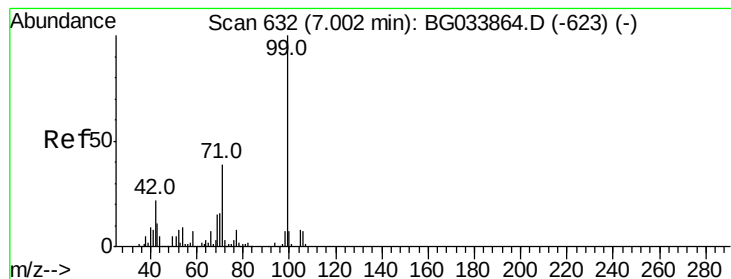
2-Fluorophenol
Concen: 128.131 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

Tgt Ion:112 Resp: 651396
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 33.8 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: 103.045 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033954.D

Acq: 24 Apr 2018 14:59

Instrument :

BNA_G

ClientSampleId :

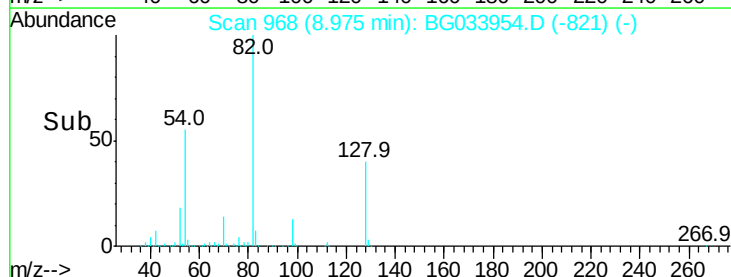
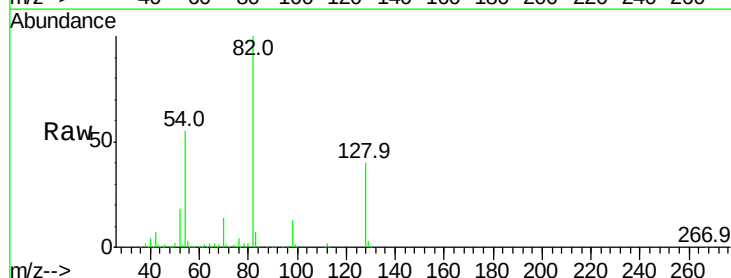
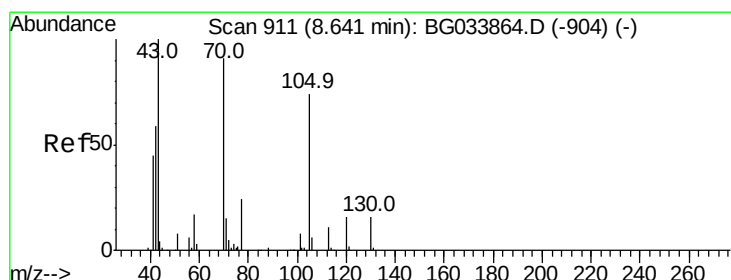
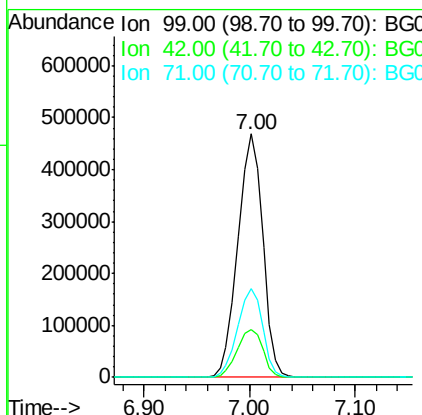
Tot Ion: 99 Resp: 764084

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 36.4 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.816 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033954.D

Acq: 24 Apr 2018 14:59

Tgt Ion: 70 Resp: 81009

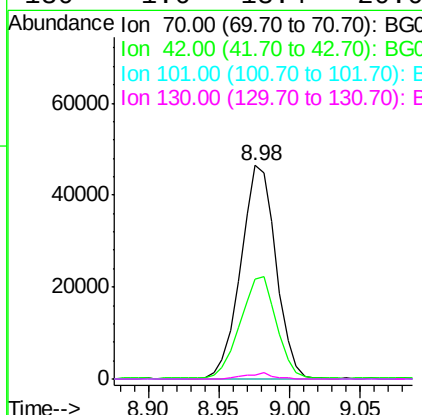
Ion Ratio Lower Upper

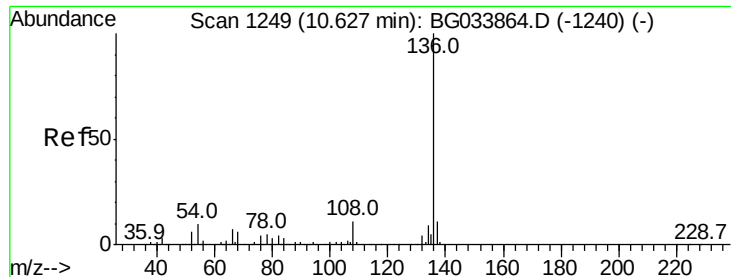
70 100

42 46.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

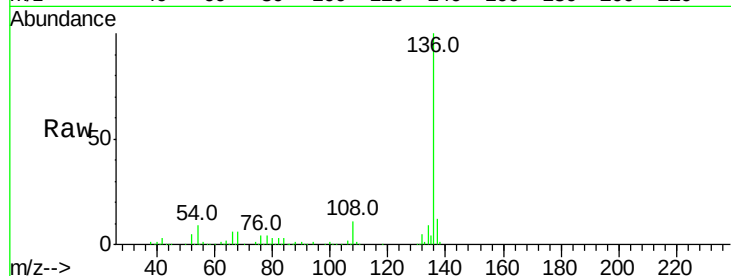




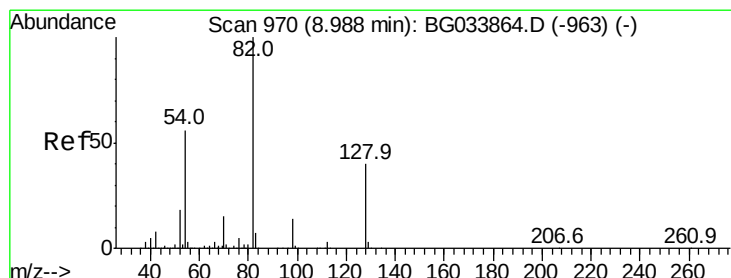
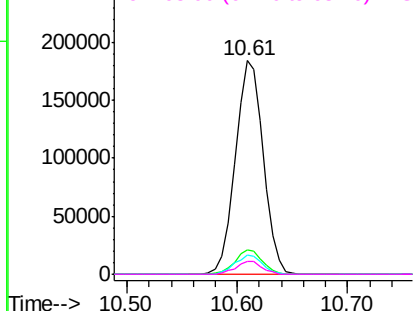
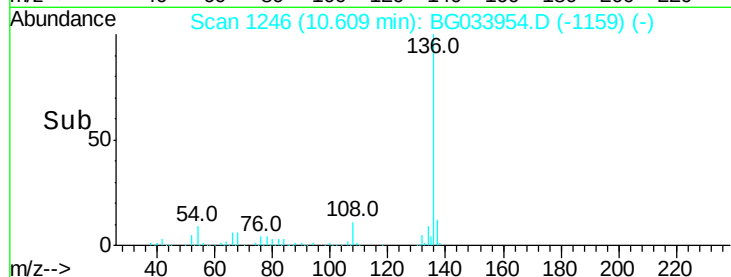
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	326045
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	9.2	10.3 15.5#
68	5.7	4.5 6.7

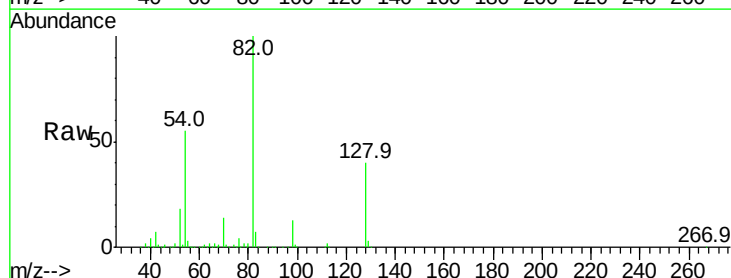


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

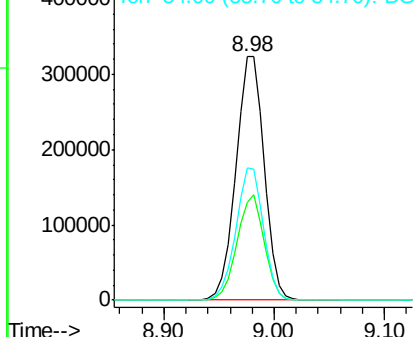
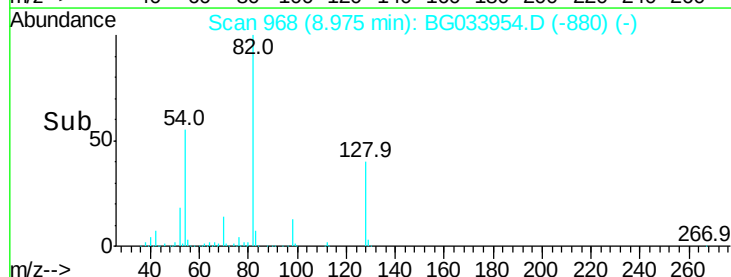


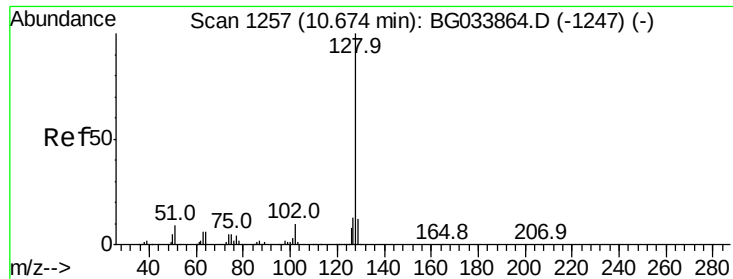
#23
Nitrobenzene-d5
Concen: 101.484 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

Tgt Ion: 82	Resp:	581421
Ion Ratio	Lower	Upper
82	100	
128	40.2	29.7 44.5
54	54.5	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

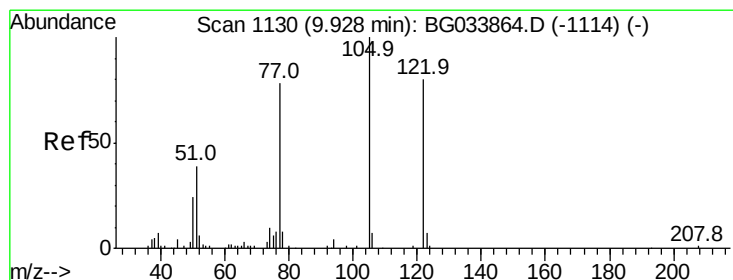
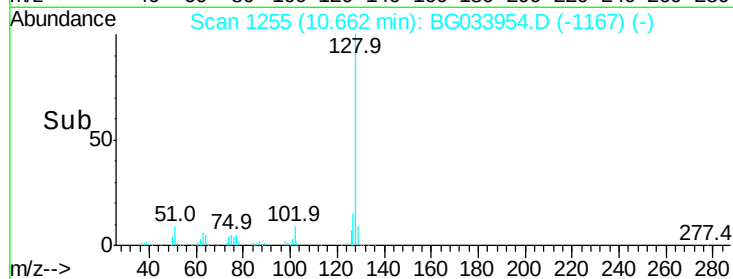
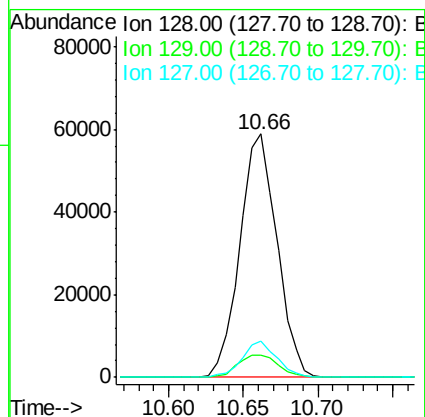
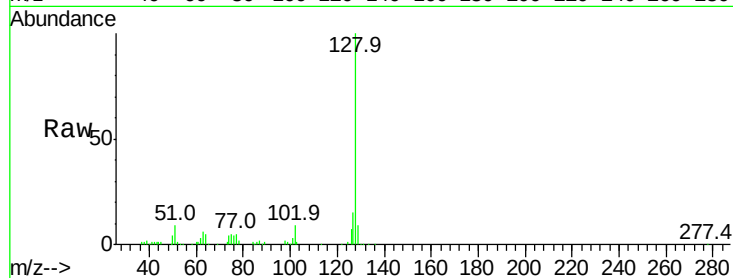




#31
Naphthalene
Concen: 6.046 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

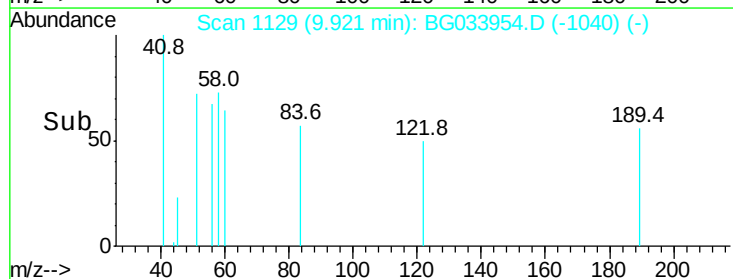
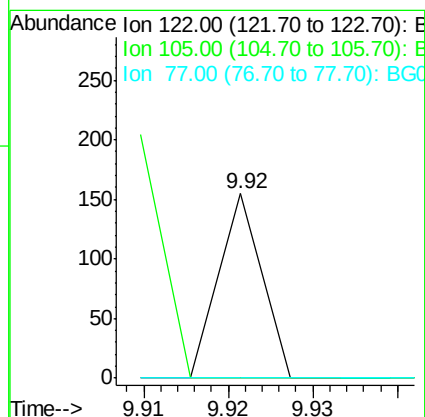
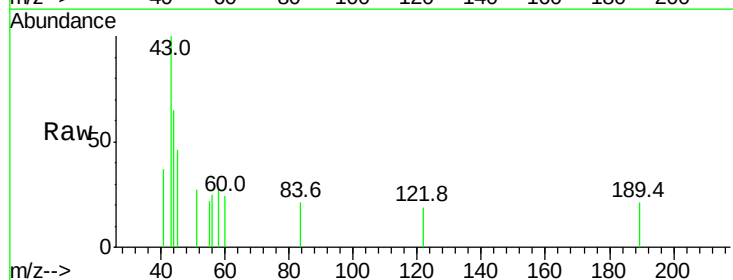
Instrument :
BNA_G
ClientSampleId :

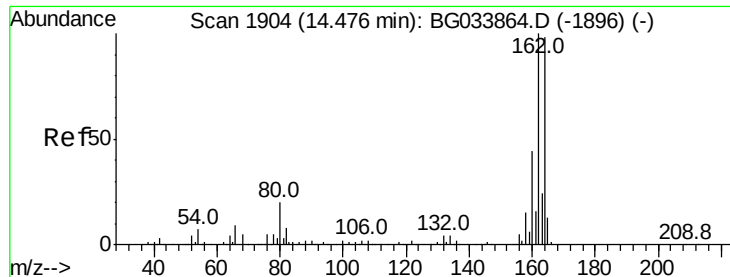
Tot Ion:128 Resp: 101363
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 5.095 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG033954.D
Acq: 24 Apr 2018 14:59

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 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: BG033954.D

Acq: 24 Apr 2018 14:59

Instrument :

BNA_G

ClientSampleId :

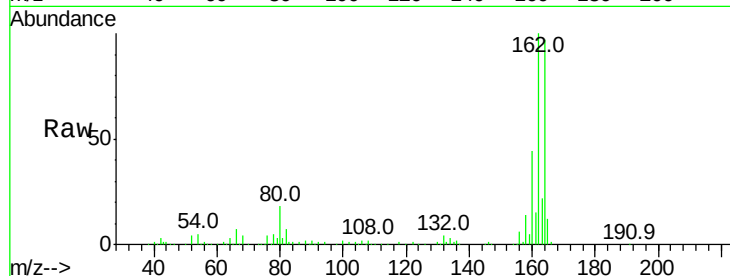
Tot Ion:164 Resp: 194923

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

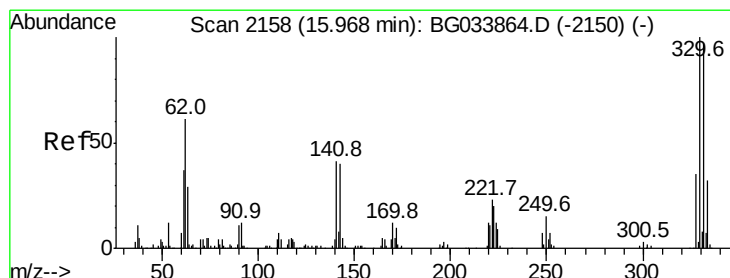
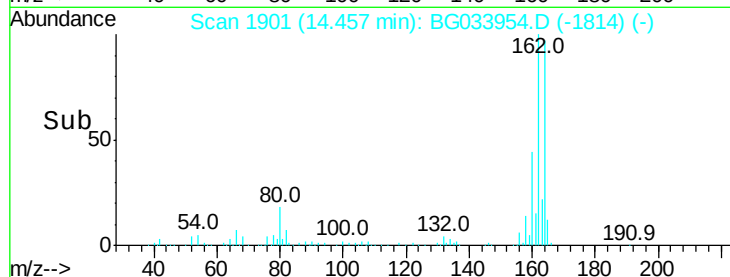
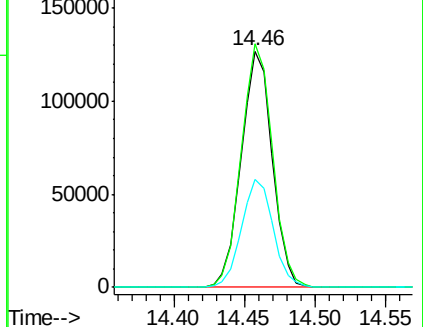
160 45.6 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 168.634 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033954.D

Acq: 24 Apr 2018 14:59

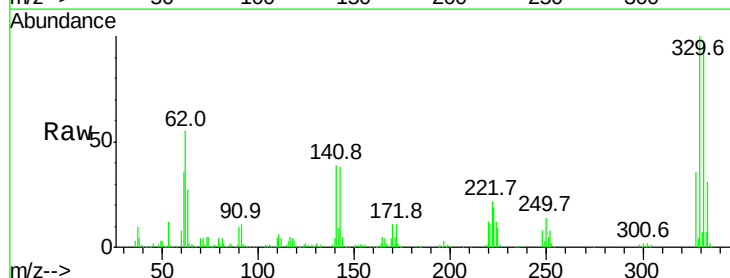
Tgt Ion:330 Resp: 383488

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

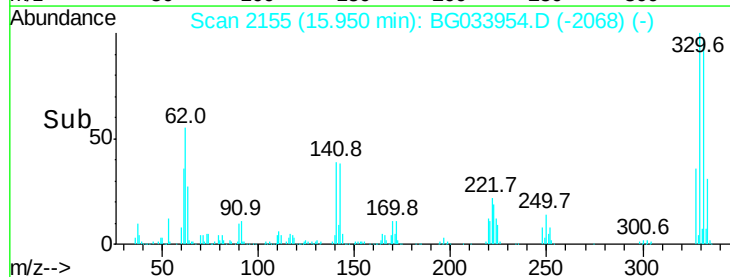
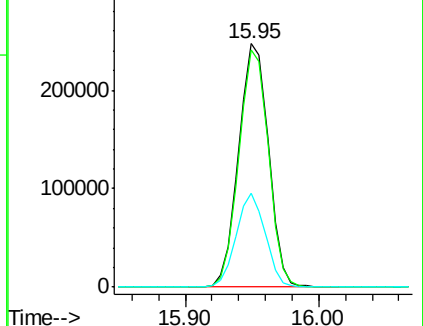
141 37.7 25.2 37.8

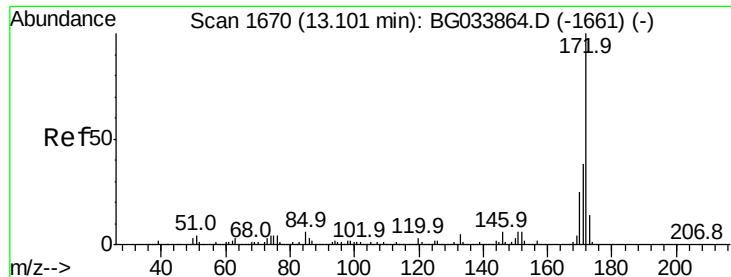


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

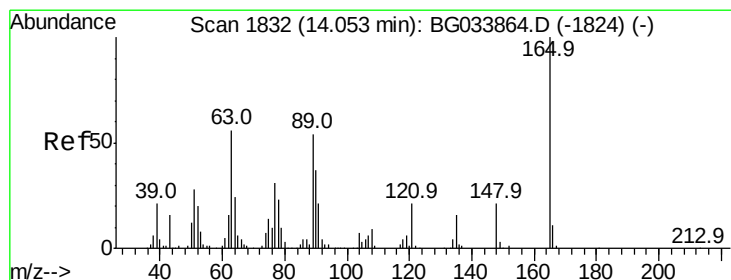
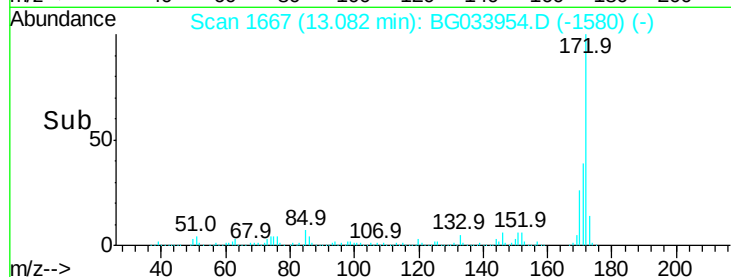
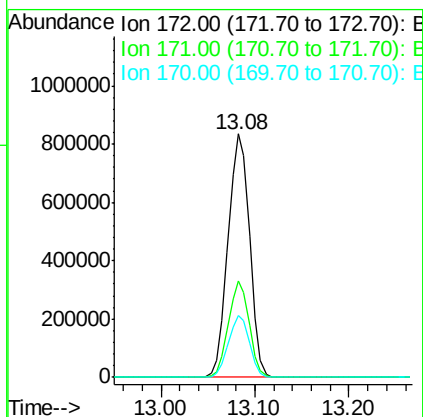
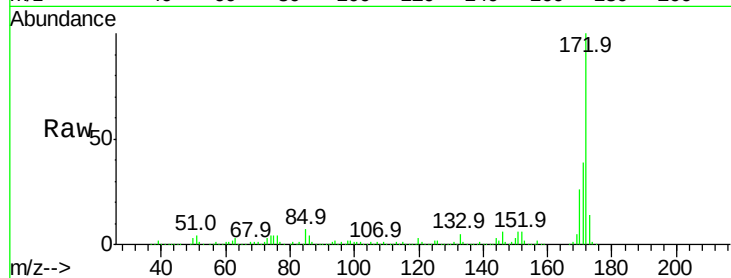




#44
 2-Fluorobiphenyl
 Concen: 99.625 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

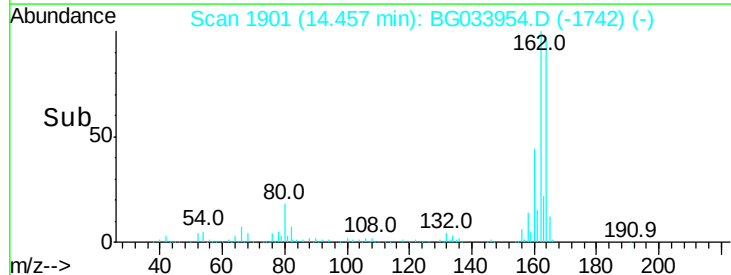
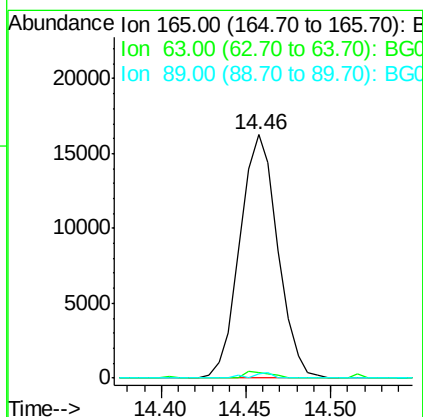
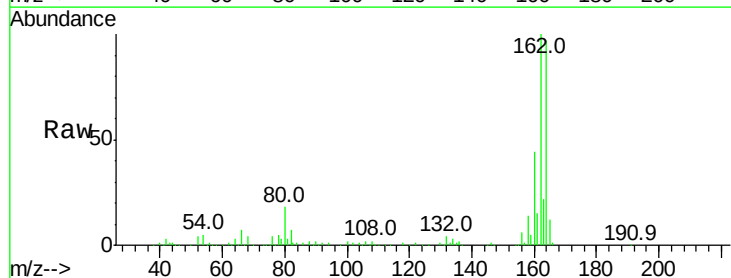
Instrument :
 BNA_G
 ClientSampleId :

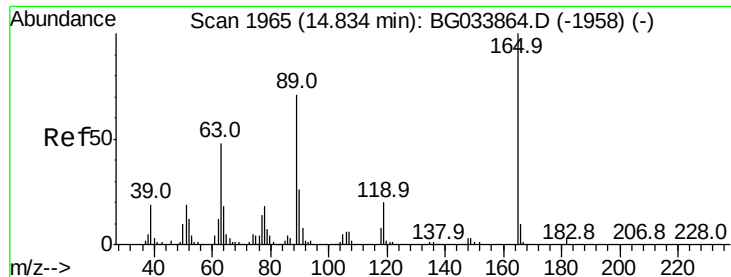
Tot Ion:172 Resp: 1321914
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.804 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.40 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Tgt Ion:165 Resp: 25357
 Ion Ratio Lower Upper
 165 100
 63 2.5 52.7 79.1#
 89 1.9 49.2 73.8#

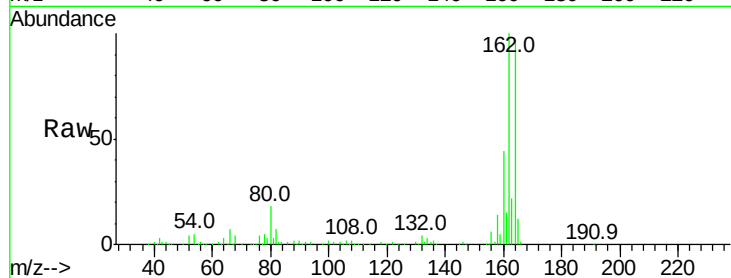




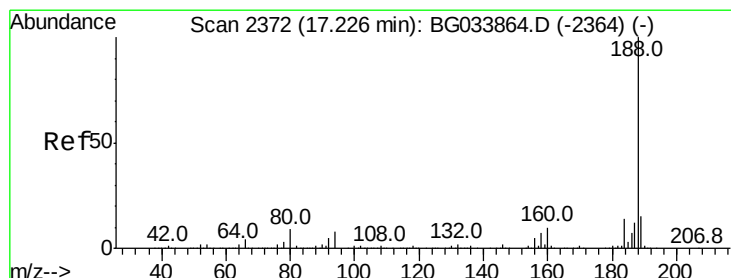
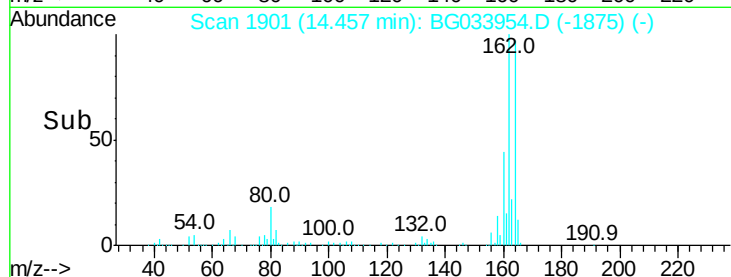
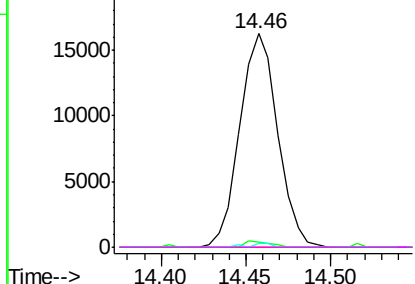
#56
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 25357
 Ion Ratio Lower Upper
 165 100
 63 2.5 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

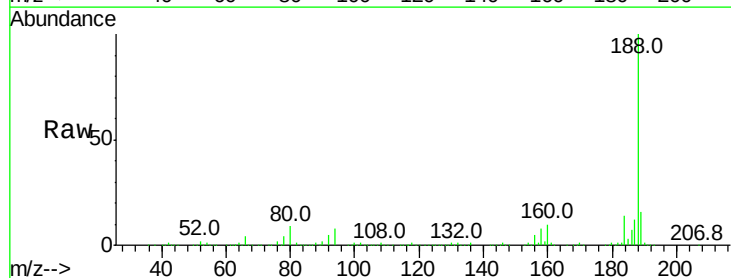


Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 20000
 15000
 10000
 5000
 0

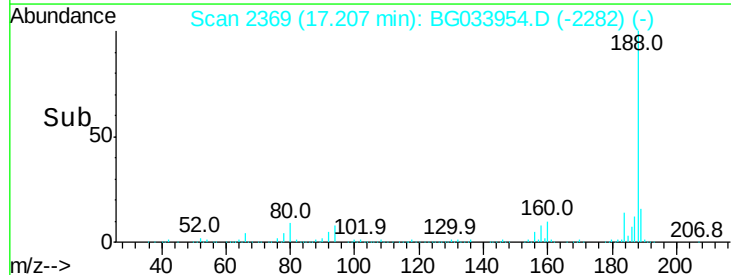
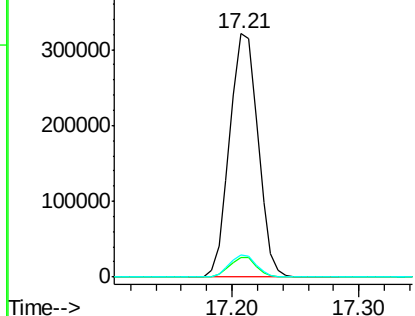


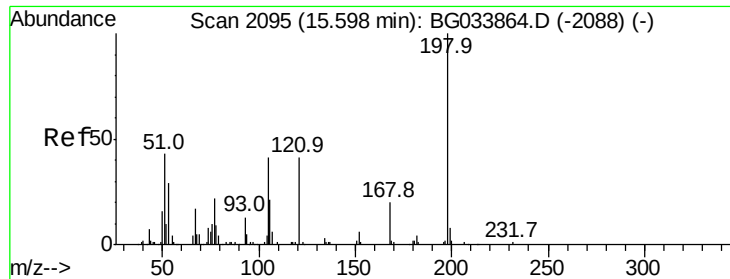
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Tgt Ion:188 Resp: 495729
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 400000
 300000
 200000
 100000
 0

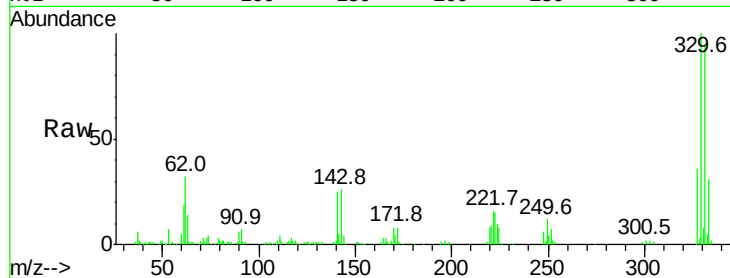




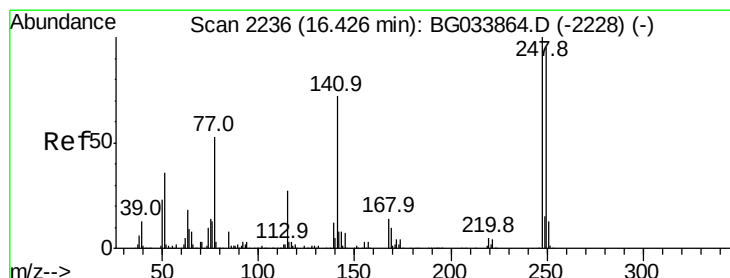
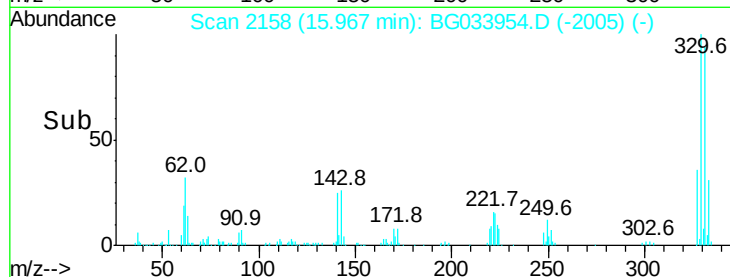
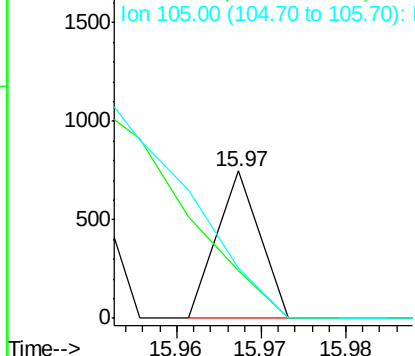
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.585 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. 0.37 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 264
 Ion Ratio Lower Upper
 198 100
 51 32.4 30.6 70.6
 105 33.8 23.8 63.8

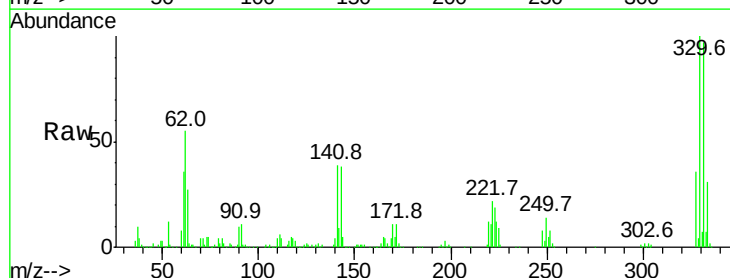


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

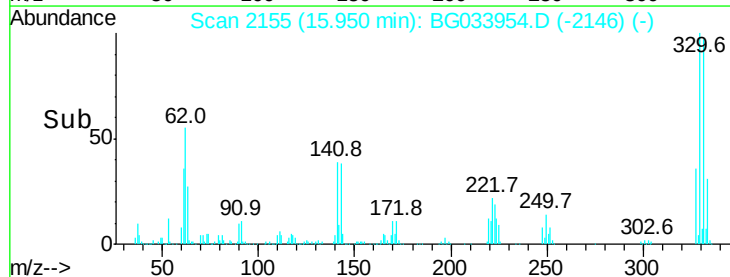
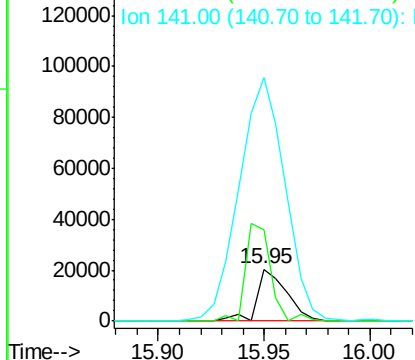


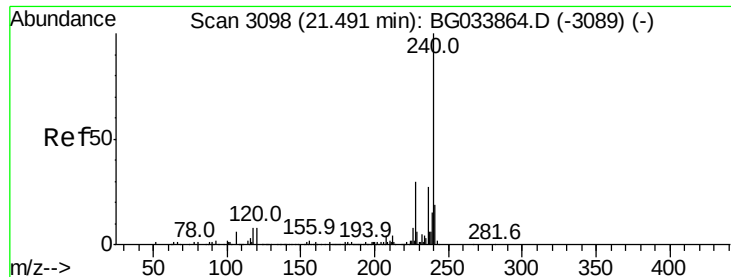
#66
 4-Bromophenyl-phenylether
 Concen: 3.715 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.48 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Tgt Ion:248 Resp: 20223
 Ion Ratio Lower Upper
 248 100
 250 177.8 77.1 115.7#
 141 360.9 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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033954.D

Acq: 24 Apr 2018 14:59

Instrument :

BNA_G

ClientSampled :

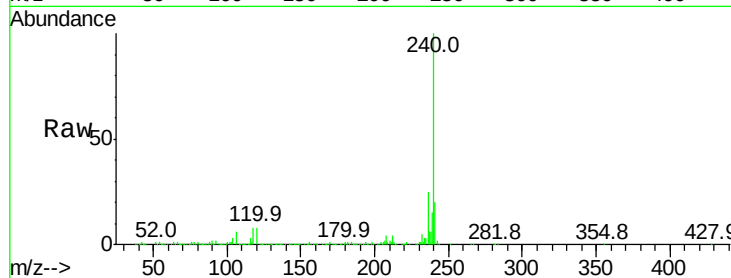
Tot Ion:240 Resp: 598018

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

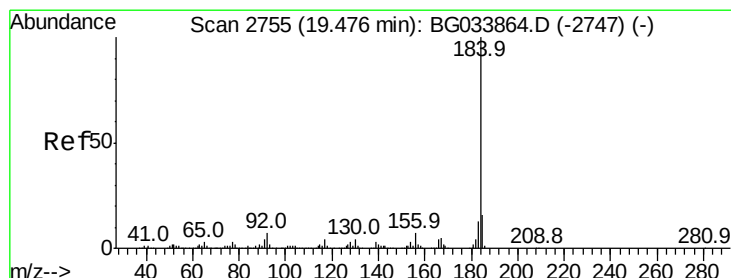
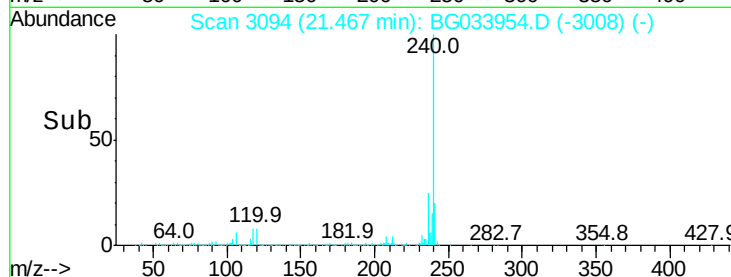
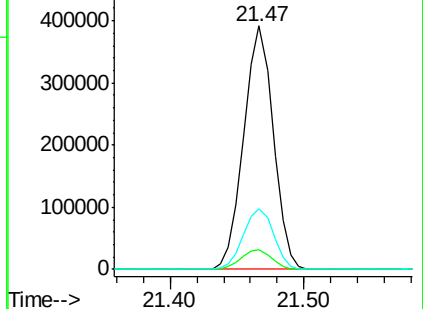
236 24.9 20.9 31.3



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: 2.489 ng

RT: 19.85 min Scan# 2819

Delta R.T. 0.38 min

Lab File: BG033954.D

Acq: 24 Apr 2018 14:59

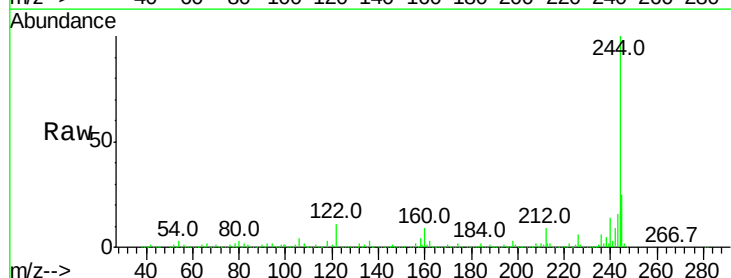
Tgt Ion:184 Resp: 40189

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

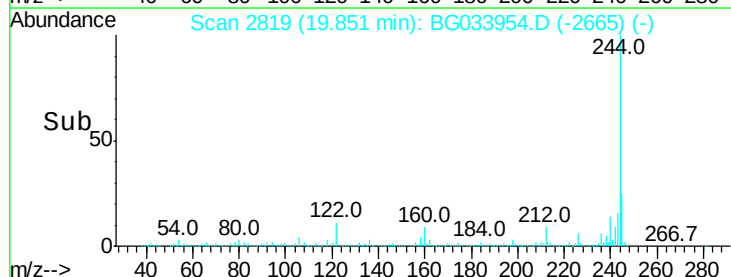
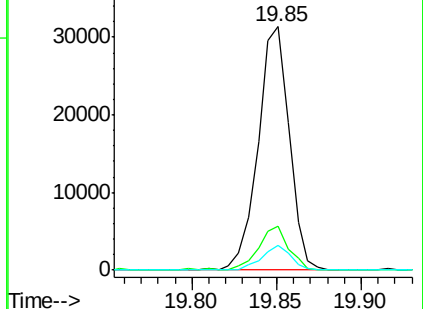
183 9.9 10.6 16.0#

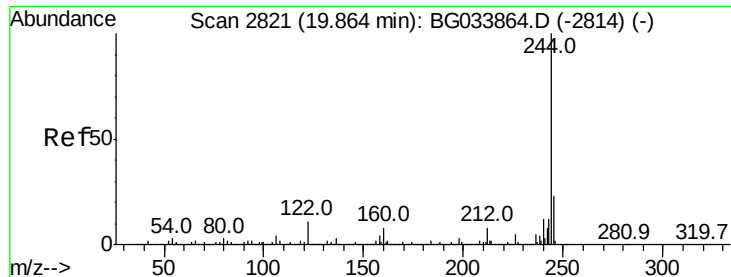


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

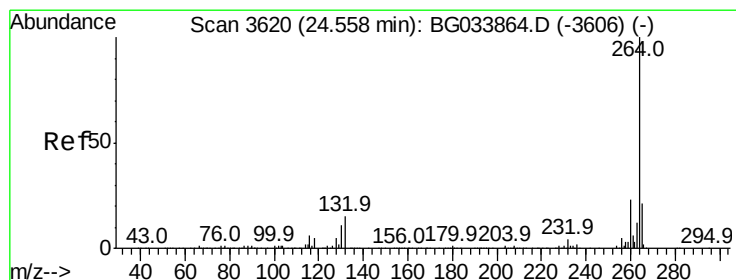
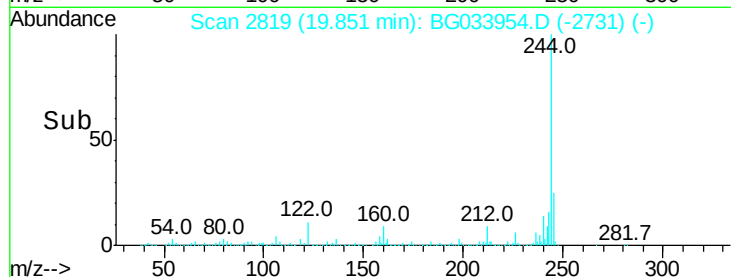
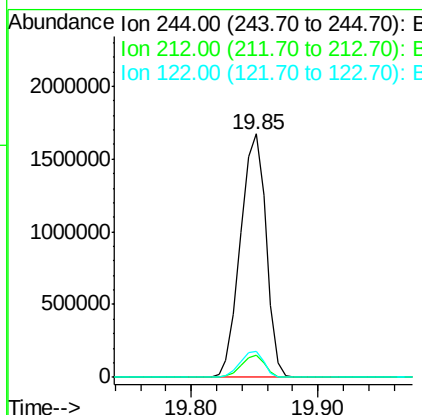
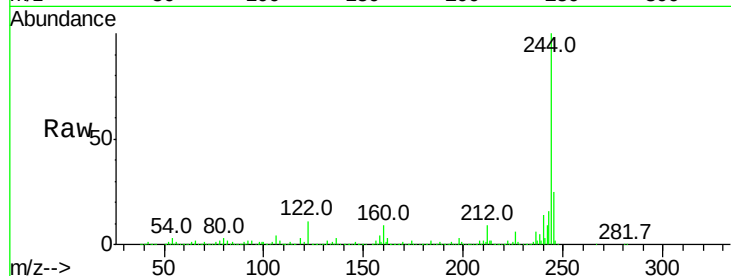




#78
 Terphenyl-d14
 Concen: 87.890 ng
 RT: 19.85 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2339523
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 10.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033954.D
 Acq: 24 Apr 2018 14:59

Tgt Ion:264 Resp: 609368
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 22.1 17.7 26.5

