

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033311.D
 Acq On : 23 Mar 2018 3:14
 Operator : SJ/JU
 Sample : J1756-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 05:29:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

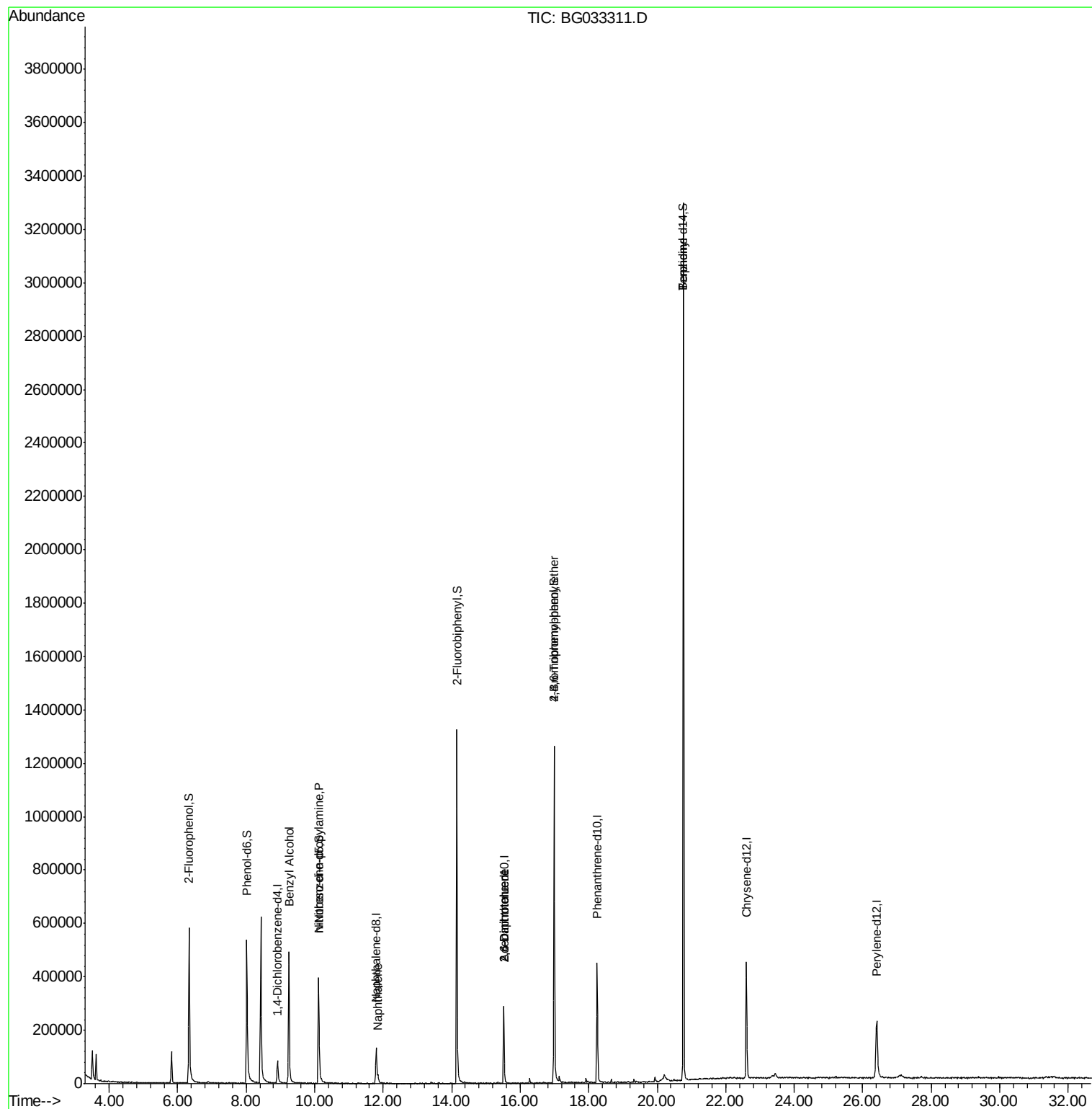
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	32761	20.00	ng	0.02
21) Naphthalene-d8	11.80	136	138413	20.00	ng	0.02
38) Acenaphthene-d10	15.52	164	113731	20.00	ng	0.01
63) Phenanthrene-d10	18.25	188	324558	20.00	ng	0.01
75) Chrysene-d12	22.60	240	328143	20.00	ng	0.00
86) Perylene-d12	26.40	264	326957	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	284935	163.09	ng	0.02
7) Phenol-d6	8.02	99	405968	135.23	ng	0.02
23) Nitrobenzene-d5	10.11	82	311271	103.32	ng	0.02
41) 2,4,6-Tribromophenol	16.99	330	262406	154.27	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	778711	98.85	ng	0.01
78) Terphenyl-d14	20.76	244	1673693	109.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.25	79	5312	2.247	ng	# 43
19) n-Nitroso-di-n-propylamine	10.11	70	41785	18.996	ng	# 75
31) Naphthalene	11.85	128	25345	3.534	ng	# 95
50) 2,6-Dinitrotoluene	15.52	165	14574	7.201	ng	# 18
56) 2,4-Dinitrotoluene	15.52	165	14574	4.891	ng	# 16
66) 4-Bromophenyl-phenylether	16.99	248	20328	5.333	ng	# 1
76) Benizidine	20.76	184	29404	3.304	ng	# 91

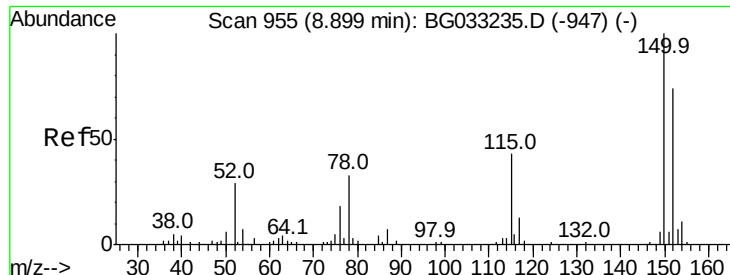
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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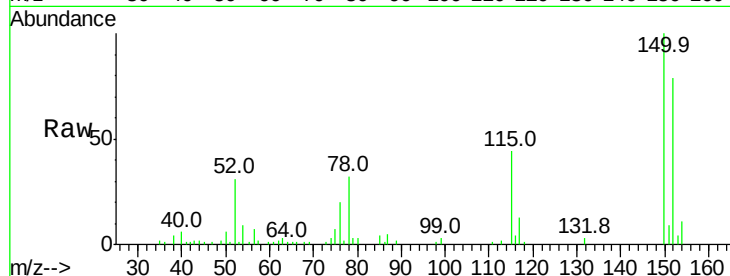


#1

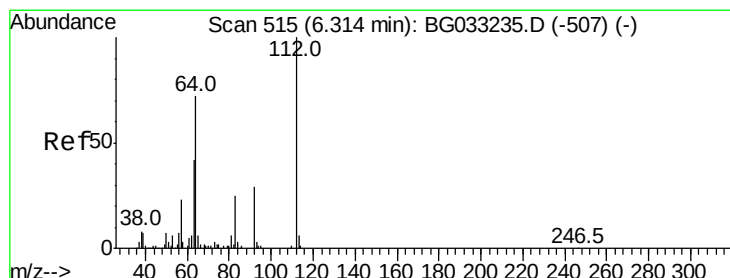
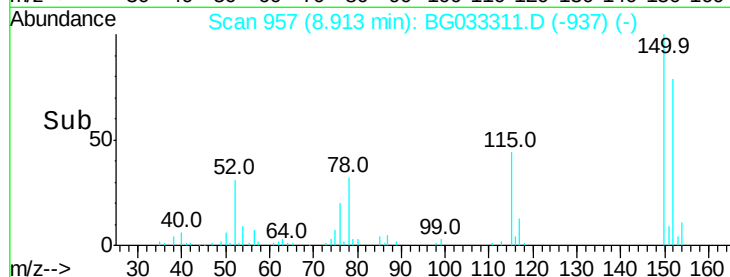
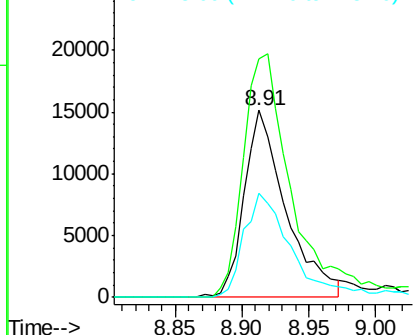
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.02 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 32761
Ion Ratio Lower Upper
152 100
150 127.2 126.6 189.8
115 55.8 53.0 79.4



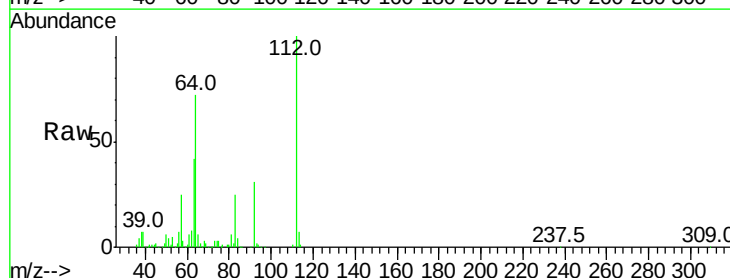
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



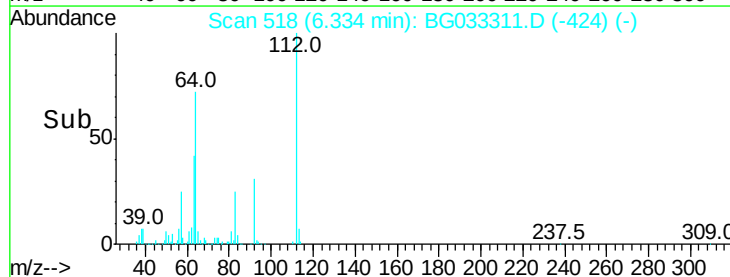
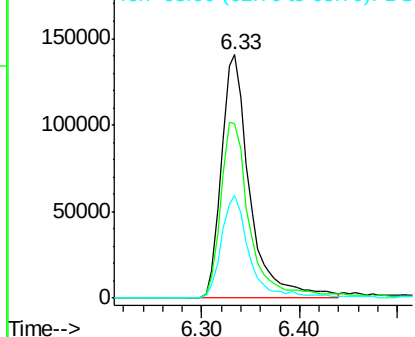
#5

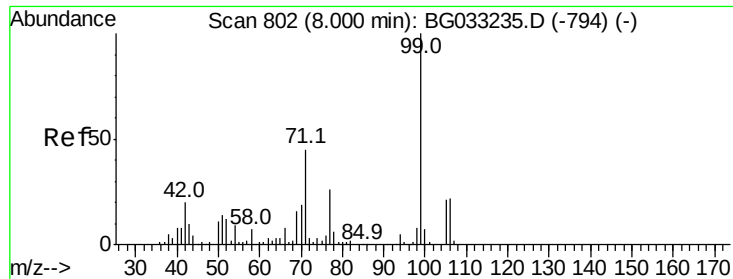
2-Fluorophenol
Concen: 163.086 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.02 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Tgt Ion:112 Resp: 284935
Ion Ratio Lower Upper
112 100
64 71.5 56.3 84.5
63 42.2 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: 135.235 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.02 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

Instrument :

BNA_G

ClientSampleId :

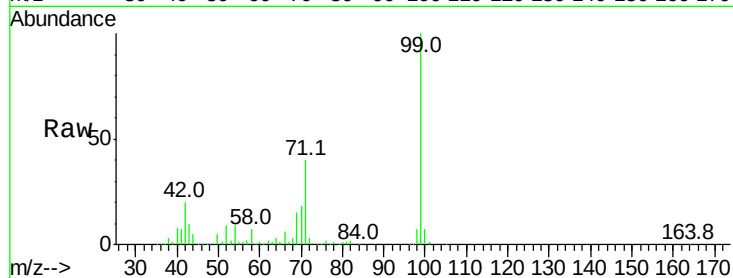
Tot Ion: 99 Resp: 405968

Ion Ratio Lower Upper

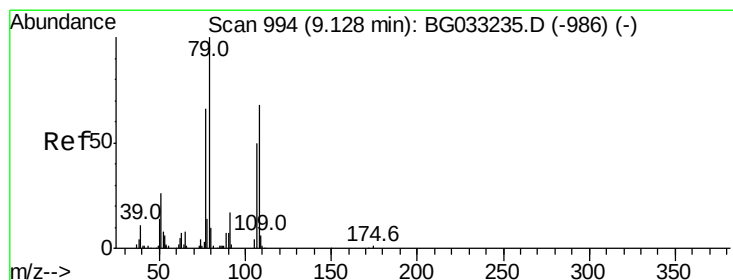
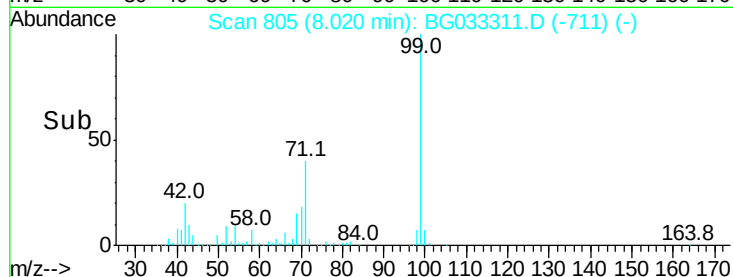
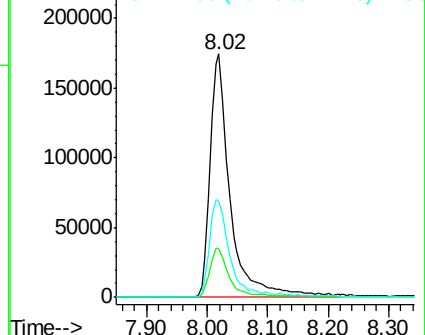
99 100

42 20.1 14.1 21.1

71 39.5 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: 2.247 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.12 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

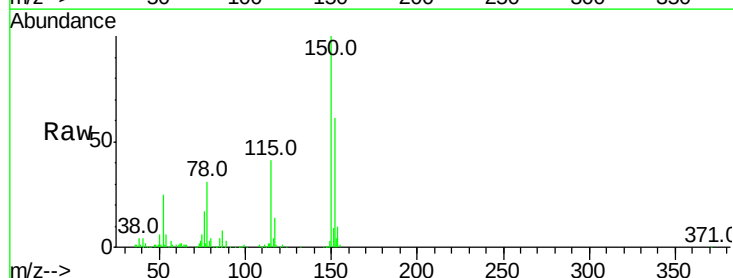
Tgt Ion: 79 Resp: 5312

Ion Ratio Lower Upper

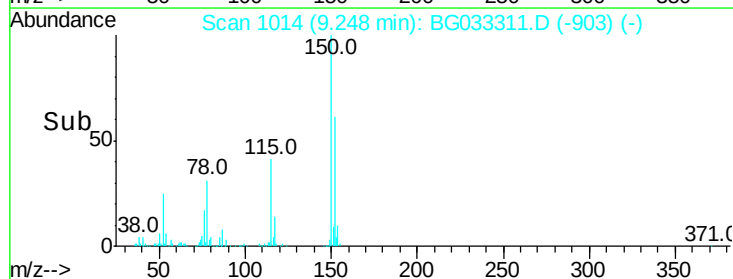
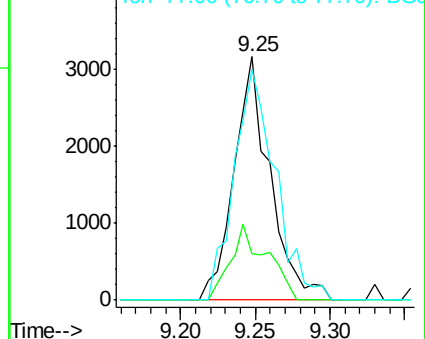
79 100

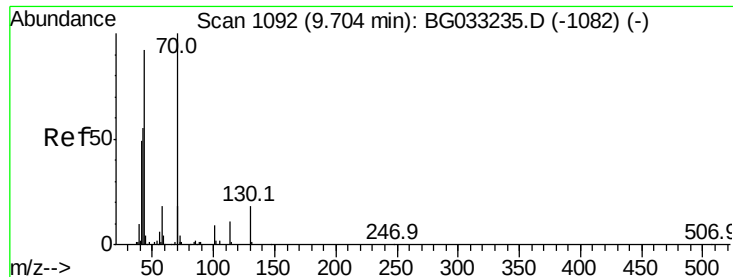
108 19.2 57.2 85.8#

77 94.9 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

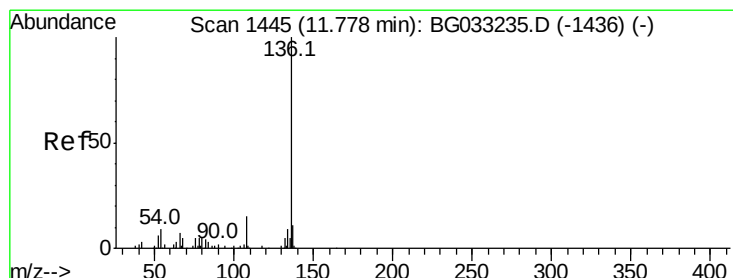
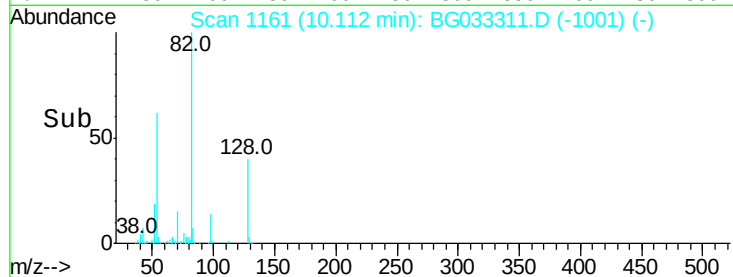
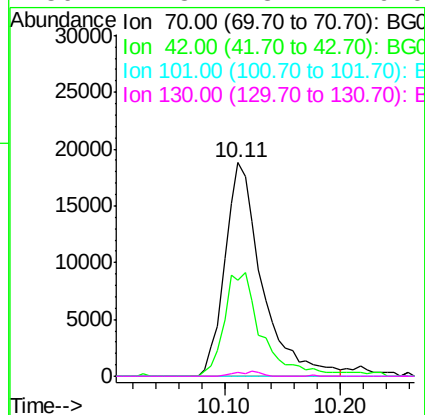
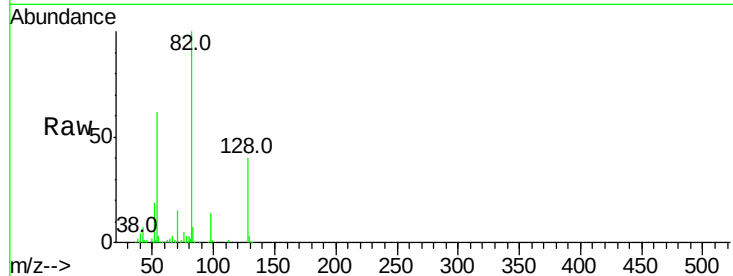




#19
n-Nitroso-di-n-propylamine
Concen: 18.996 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.41 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

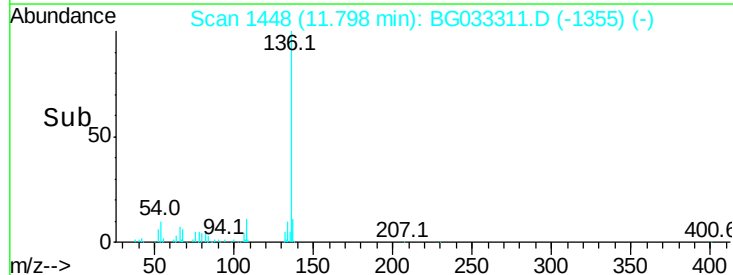
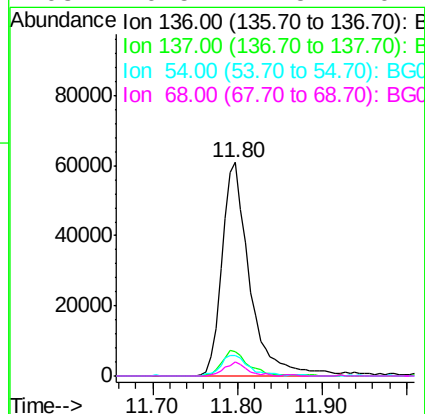
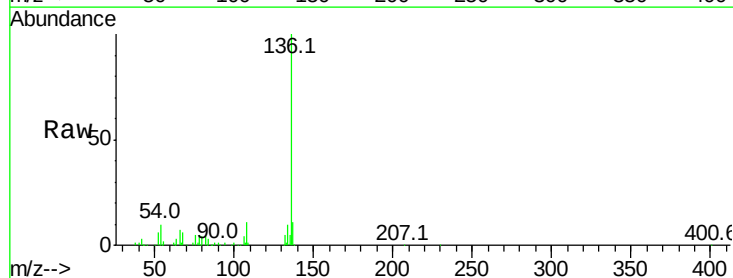
Instrument :
BNA_G
ClientSampled :

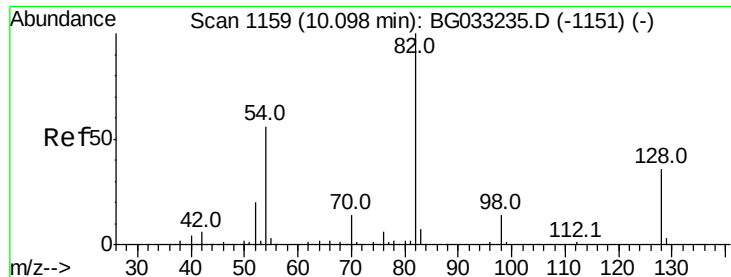
Tot Ion: 70 Resp: 41785
Ion Ratio Lower Upper
70 100
42 45.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Tgt Ion: 136 Resp: 138413
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.7 10.3 15.5#
68 6.5 4.5 6.7

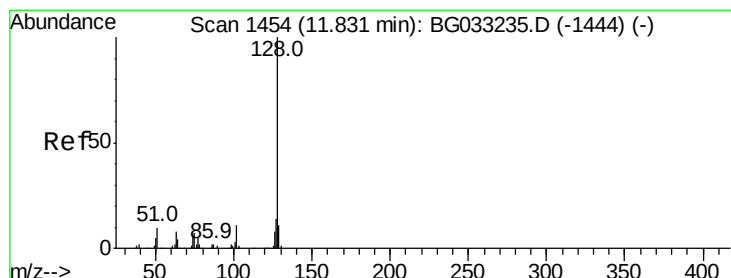
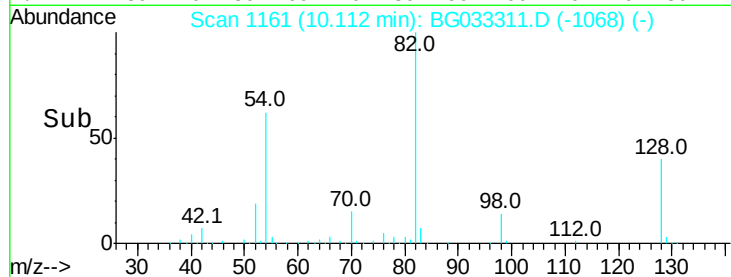
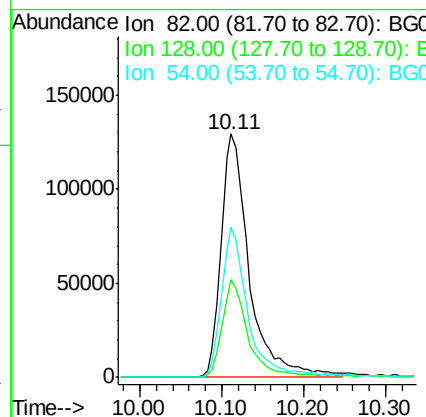
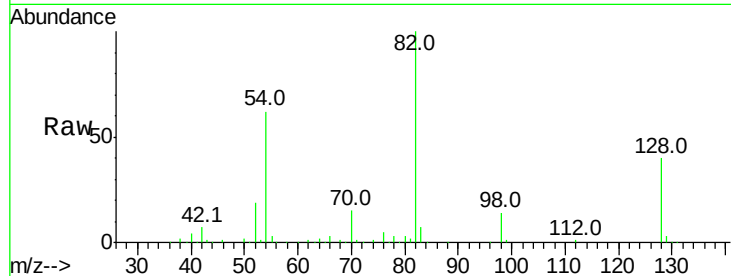




#23
 Nitrobenzene-d5
 Concen: 103.322 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.02 min
 Lab File: BG033311.D
 Acq: 23 Mar 2018 3:14

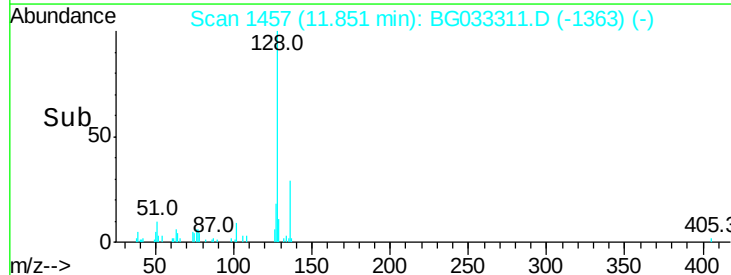
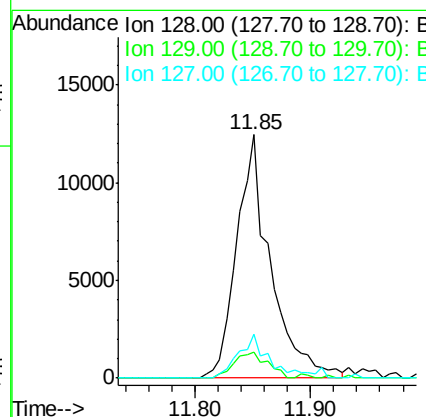
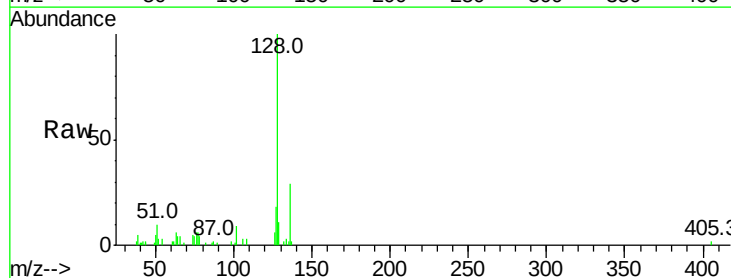
Instrument :
 BNA_G
 ClientSampleId :

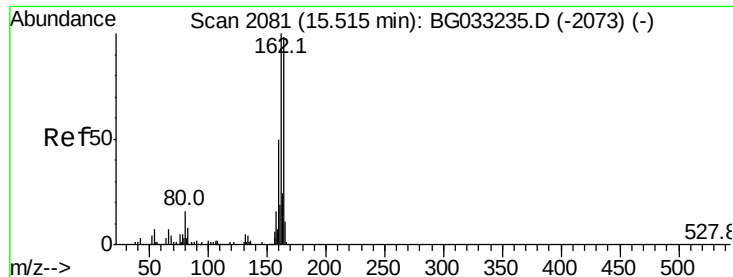
Tot Ion: 82 Resp: 311271
 Ion Ratio Lower Upper
 82 100
 128 40.0 29.7 44.5
 54 61.5 43.1 64.7



#31
 Naphthalene
 Concen: 3.534 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. 0.02 min
 Lab File: BG033311.D
 Acq: 23 Mar 2018 3:14

Tgt Ion: 128 Resp: 25345
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 12.8
 127 18.1 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

Instrument :

BNA_G

ClientSampleId :

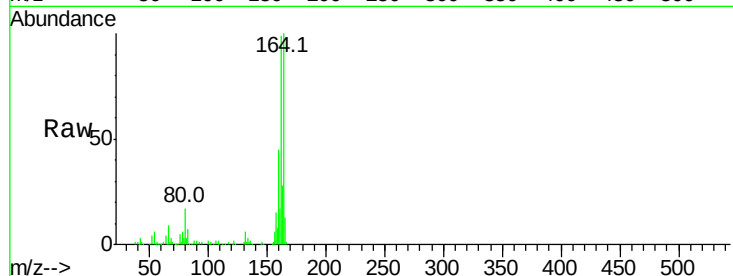
Tot Ion:164 Resp: 113731

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

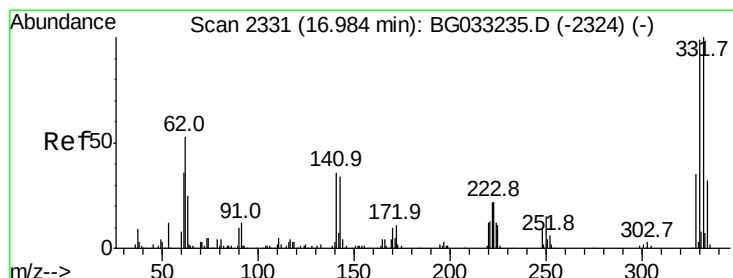
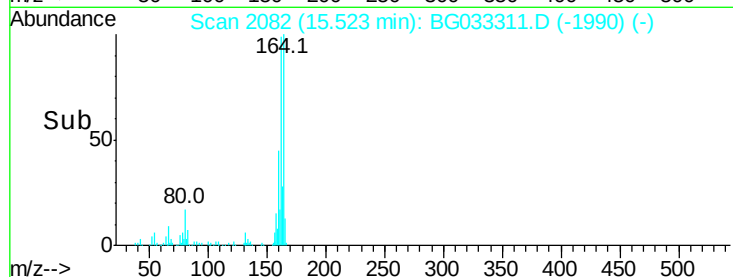
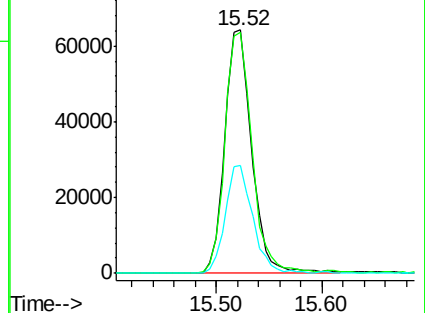
160 44.6 35.4 53.0



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: 154.268 ng

RT: 16.99 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

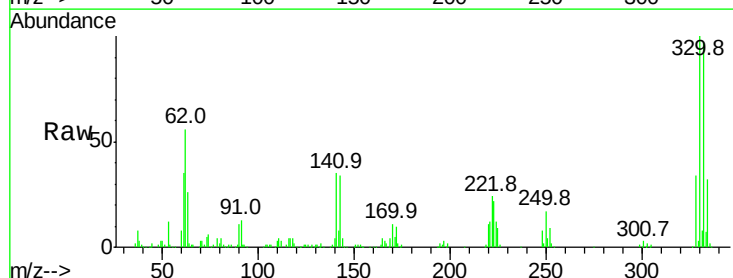
Tgt Ion:330 Resp: 262406

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

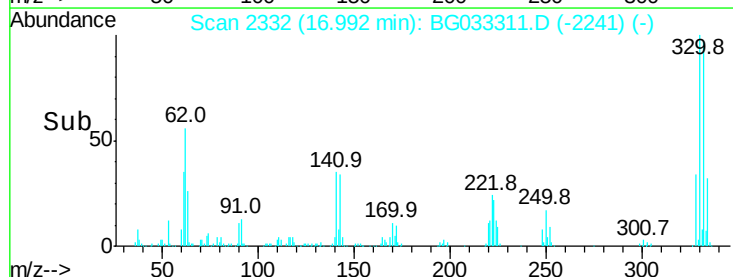
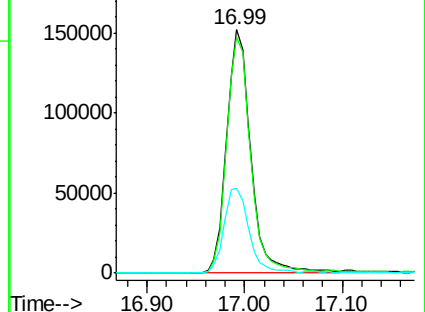
141 36.0 25.2 37.8

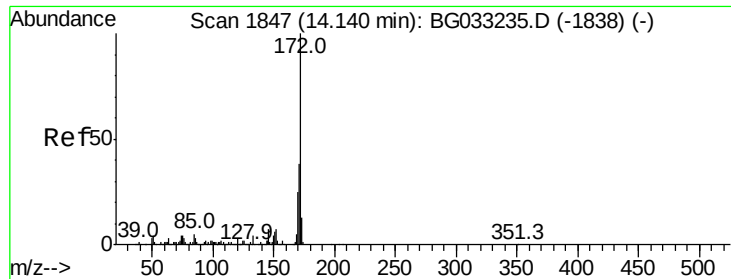


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

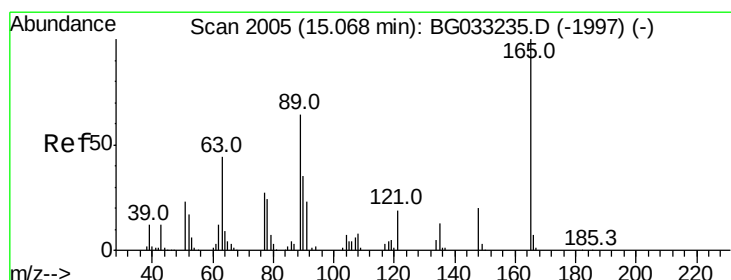
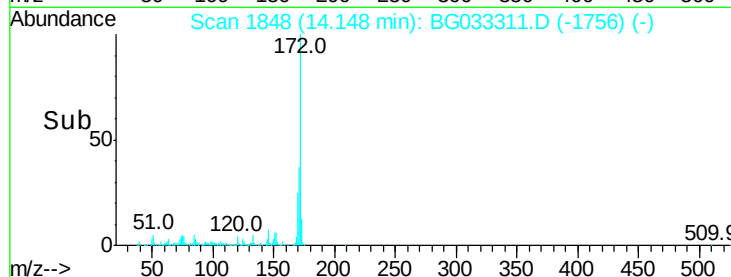
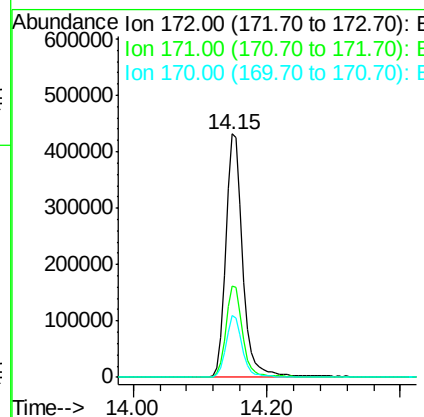
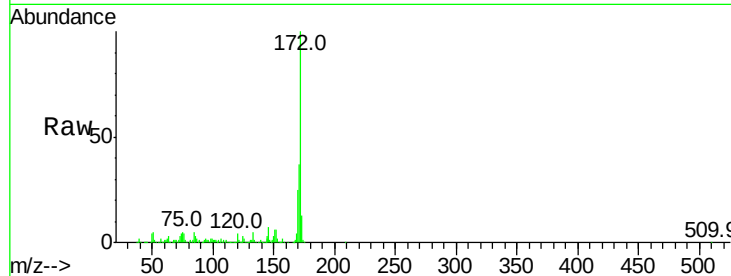




#44
 2-Fluorobiphenyl
 Concen: 98.845 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BG033311.D
 Acq: 23 Mar 2018 3:14

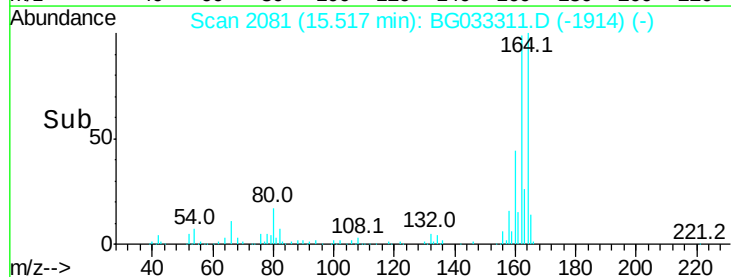
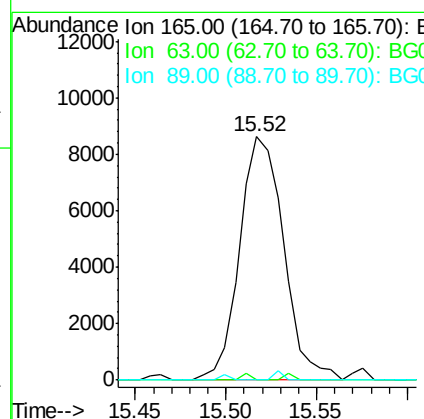
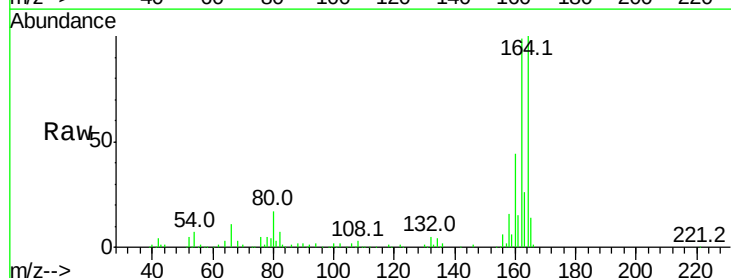
Instrument :
 BNA_G
 ClientSampleId :

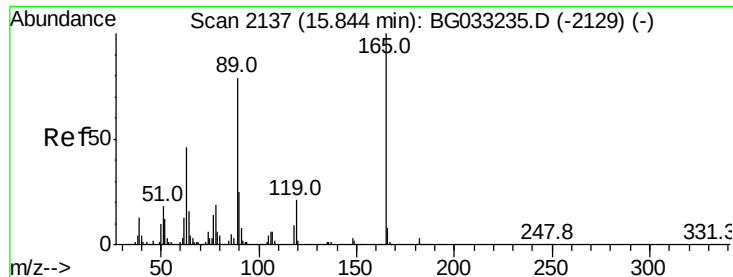
Tot Ion:172 Resp: 778711
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.201 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. 0.45 min
 Lab File: BG033311.D
 Acq: 23 Mar 2018 3:14

Tgt Ion:165 Resp: 14574
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

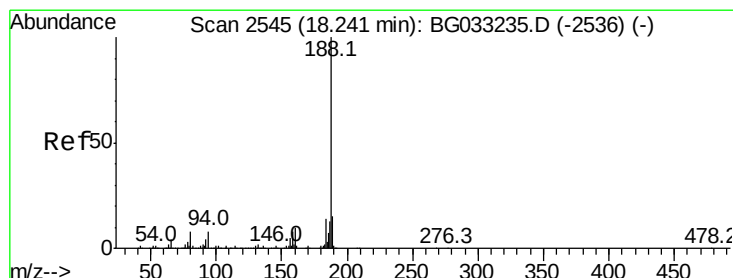
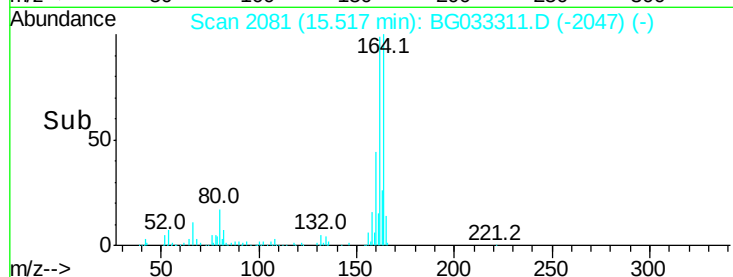
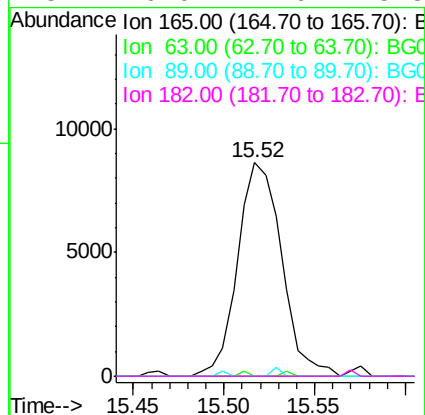
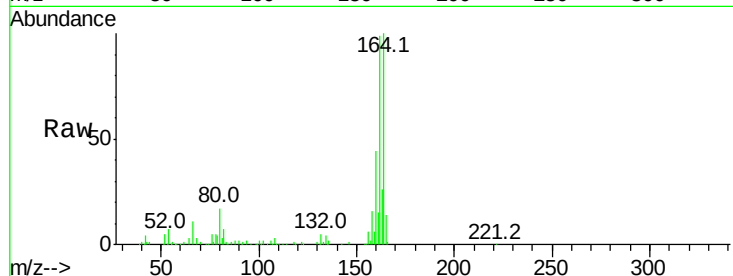




#56
2,4-Dinitrotoluene
Concen: 4.891 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.33 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

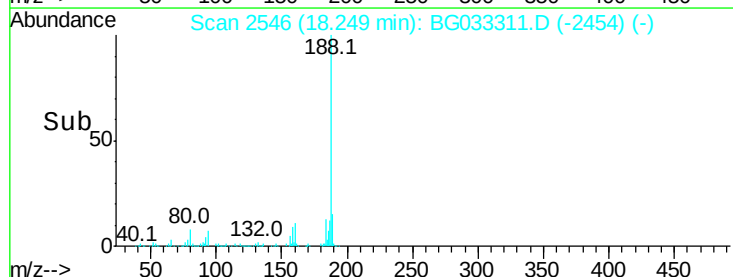
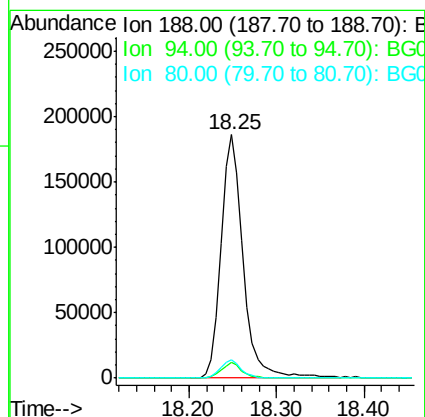
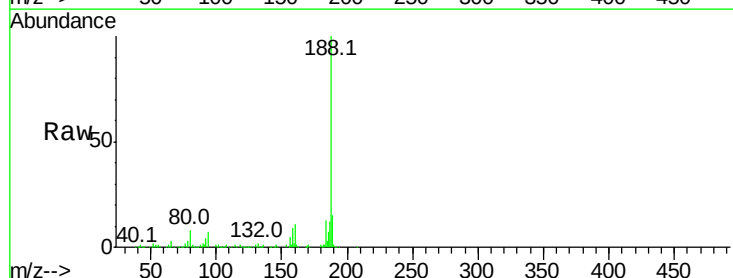
Instrument :
BNA_G
ClientSampleId :

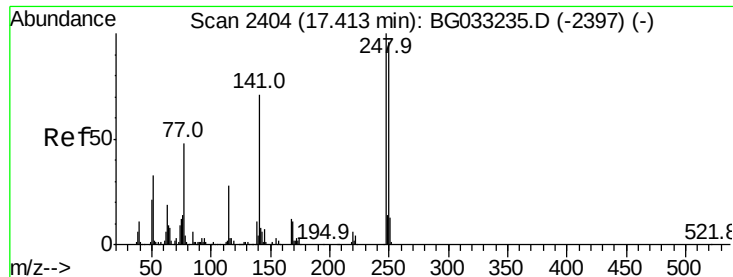
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.7	7.7	11.5#

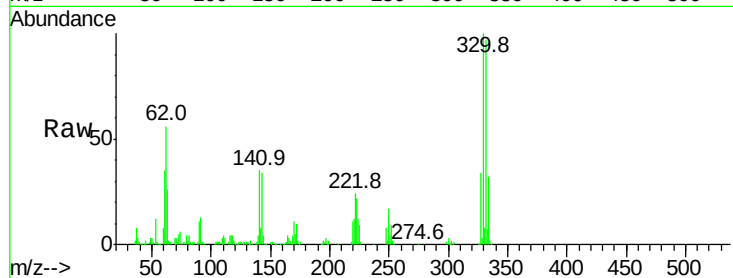




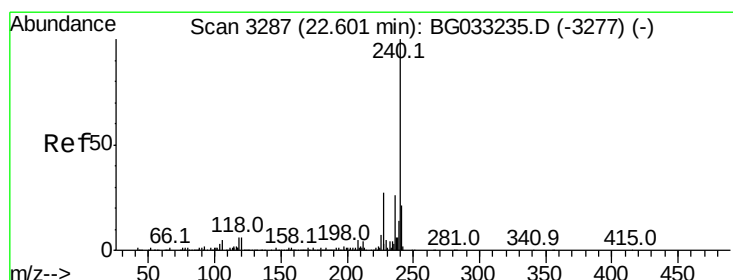
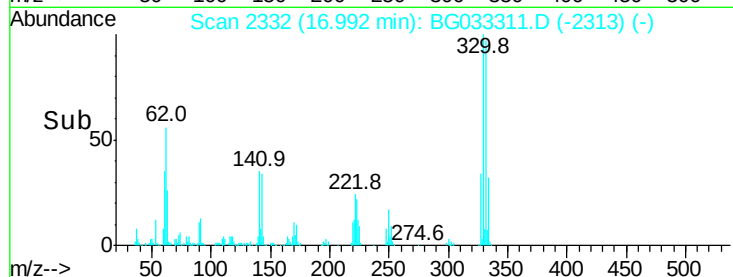
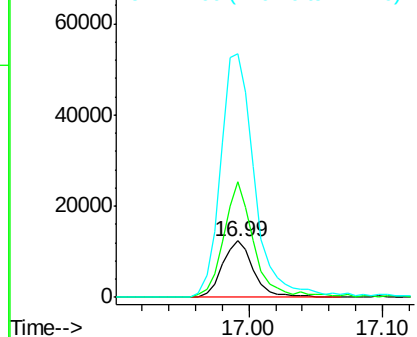
#66
4-Bromophenyl-phenylether
Concen: 5.333 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.42 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20328
Ion Ratio Lower Upper
248 100
250 206.1 77.1 115.7#
141 431.9 50.8 76.2#

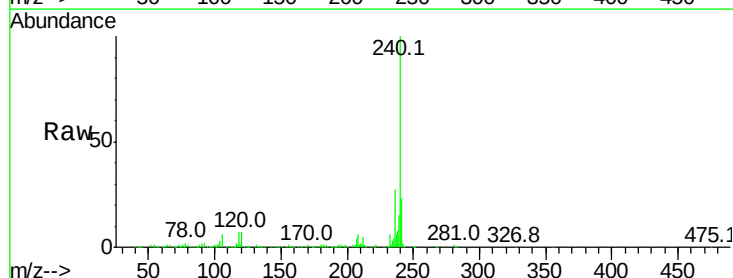


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

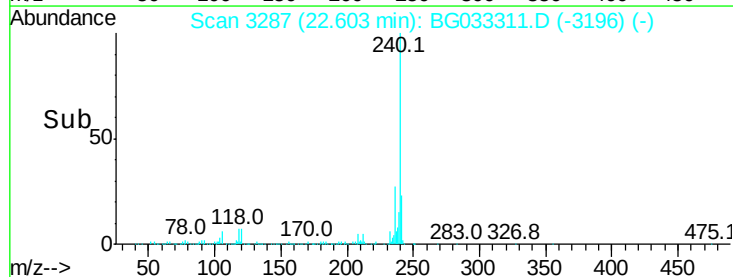
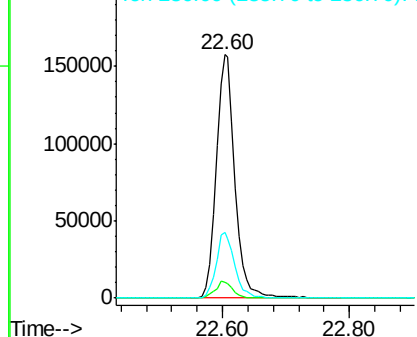


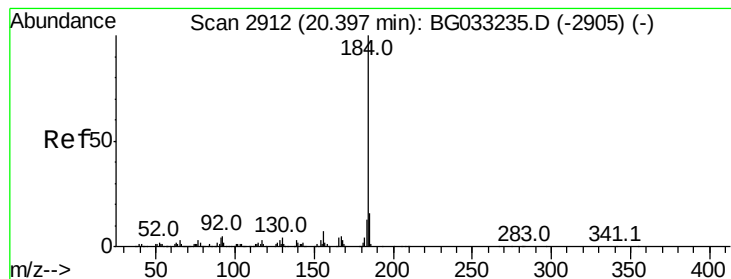
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Tgt Ion:240 Resp: 328143
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 27.0 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





#76

Benzidine

Concen: 3.304 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.37 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

Instrument :

BNA_G

ClientSampleId :

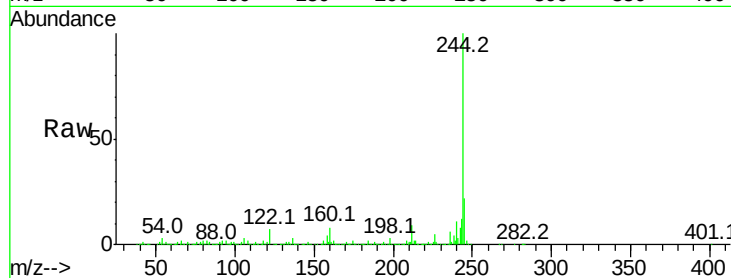
Tot Ion:184 Resp: 29404

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

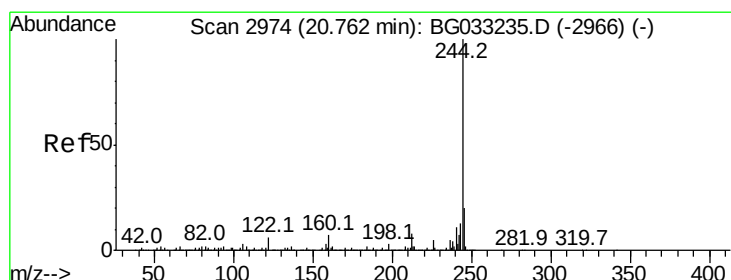
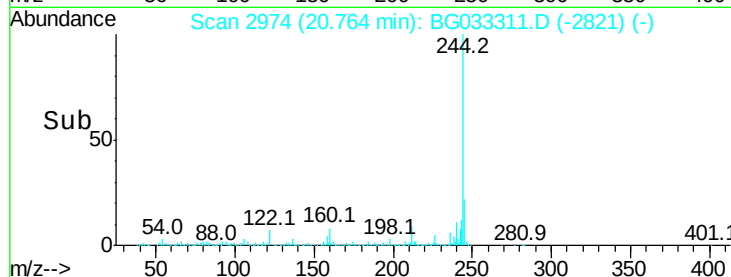
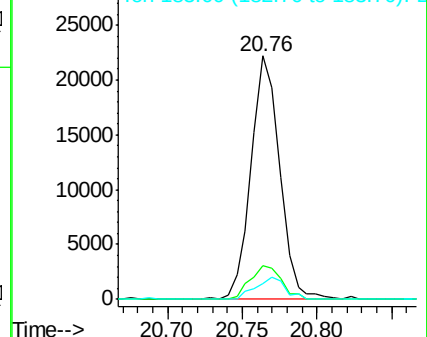
183 6.3 10.6 16.0#



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: 109.080 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033311.D

Acq: 23 Mar 2018 3:14

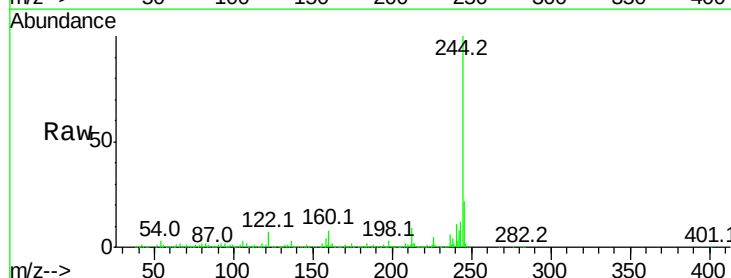
Tgt Ion:244 Resp: 1673693

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

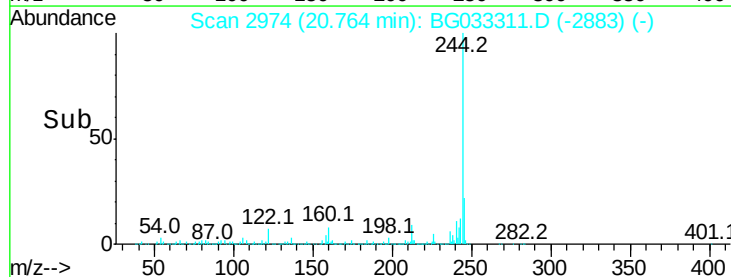
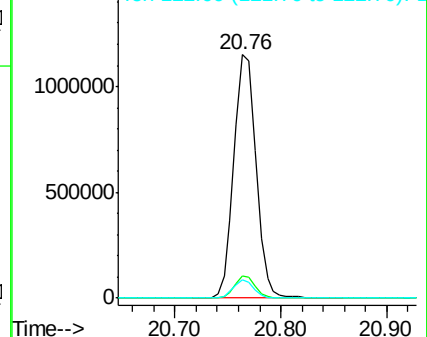
122 7.3 7.0 10.4

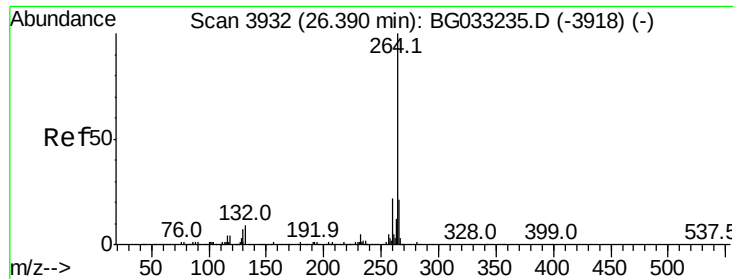


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.40 min Scan# 3934
Delta R.T. 0.02 min
Lab File: BG033311.D
Acq: 23 Mar 2018 3:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	19.9	17.7	26.5

