

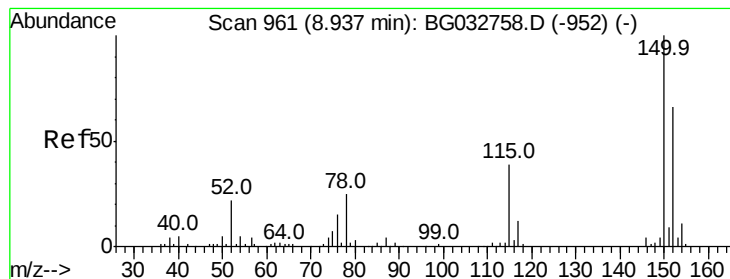
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033133.D
 Acq On : 14 Mar 2018 2:51
 Operator : SJ/JU
 Sample : J1885-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:11:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	48402	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	209577	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113410	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	245690	20.00	ng	0.00
75) Chrysene-d12	22.61	240	224199	20.00	ng	0.00
86) Perylene-d12	26.41	264	200663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	416357	137.62	ng	0.01
7) Phenol-d6	8.02	99	499367	118.42	ng	0.01
23) Nitrobenzene-d5	10.11	82	384364	122.34	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	177233	148.63	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	776673	98.77	ng	0.00
78) Terphenyl-d14	20.77	244	1131202	113.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.24	79	6329	2.042	ng	# 46
19) n-Nitroso-di-n-propylamine	10.11	70	51785	17.395	ng	# 87
24) Nitrobenzene	10.11	77	1355	6.732	ng	# 48
27) 2,4-Dimethylphenol	10.98	122	18479	5.783	ng	# 1
31) Naphthalene	11.85	128	28150	2.570	ng	97
32) Benzoic acid	10.98	122	18479	16.190	ng	91
47) 2-Nitroaniline	14.15	65	1477	10.465	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	14735	16.429	ng	# 20
52) 3-Nitroaniline	15.91	138	55	7.567	ng	# 1
55) 4-Nitrophenol	15.91	139	1368	7.871	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	14735	14.627	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	498	5.810	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	11354	4.370	ng	# 1
69) Pentachlorophenol	17.90	266	3925	2.220	ng	96

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

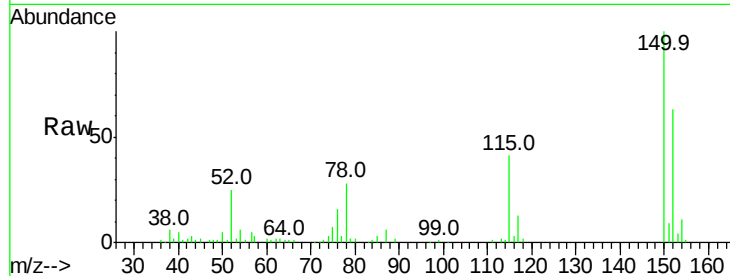


#1

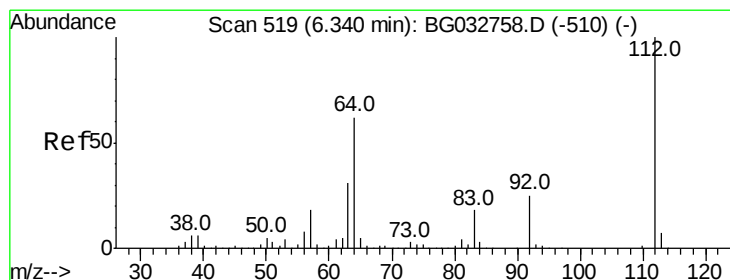
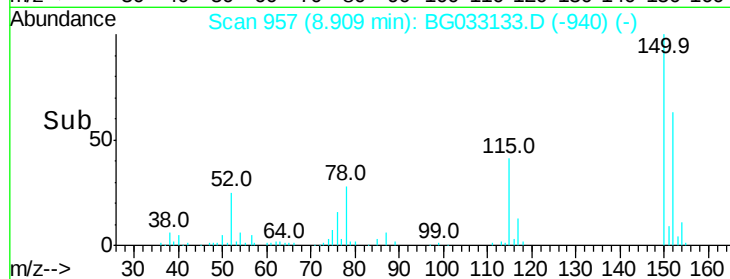
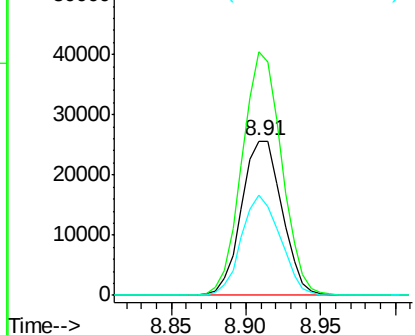
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48402
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 65.1 53.0 79.4



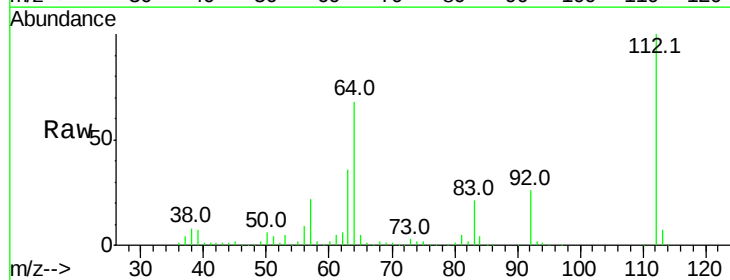
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



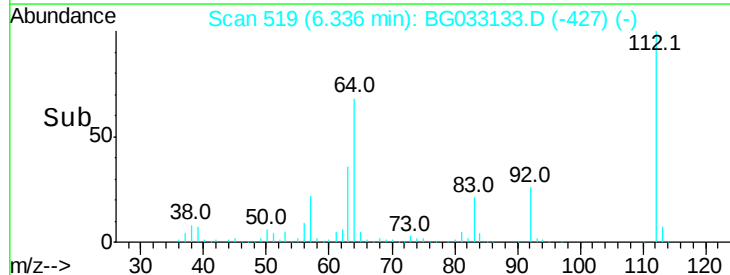
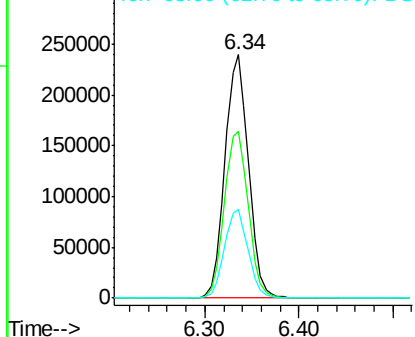
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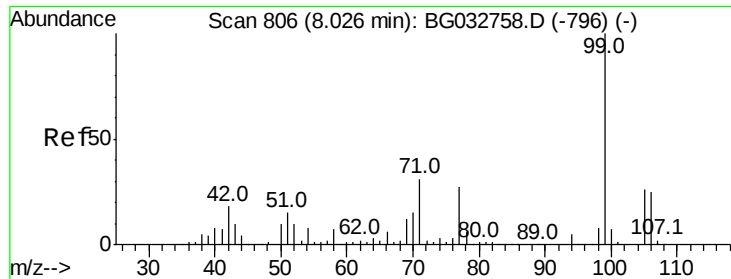
2-Fluorophenol
Concen: 137.620 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Tgt Ion:112 Resp: 416357
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 36.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.418 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

Instrument :

BNA_G

ClientSampleId :

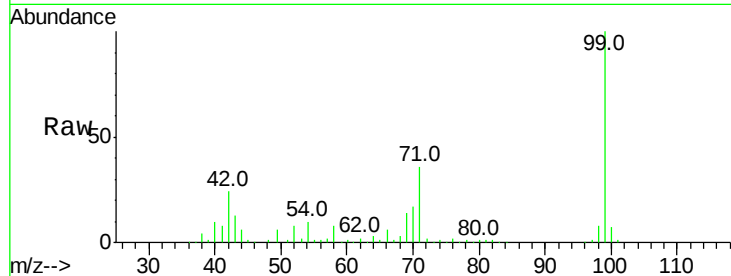
Tot Ion: 99 Resp: 499367

Ion Ratio Lower Upper

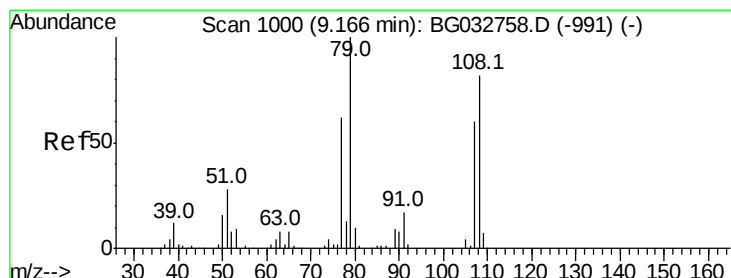
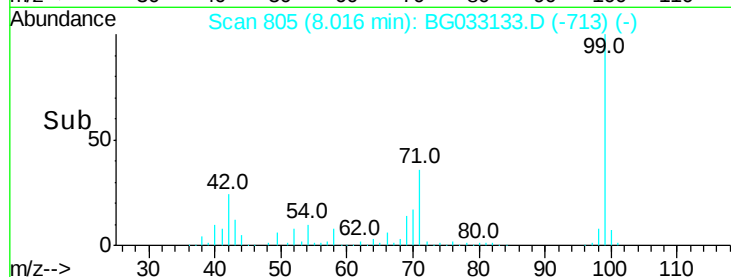
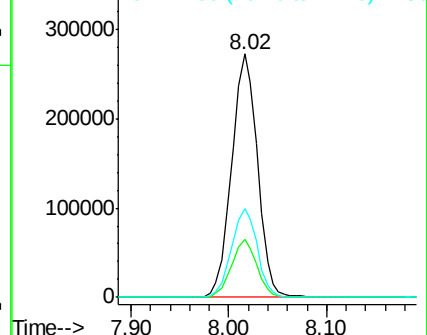
99 100

42 23.8 14.1 21.1#

71 36.3 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: 2.042 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

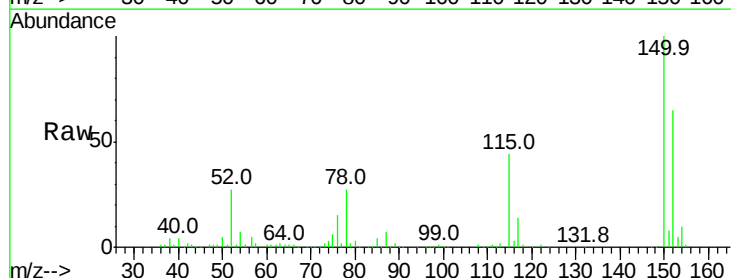
Tgt Ion: 79 Resp: 6329

Ion Ratio Lower Upper

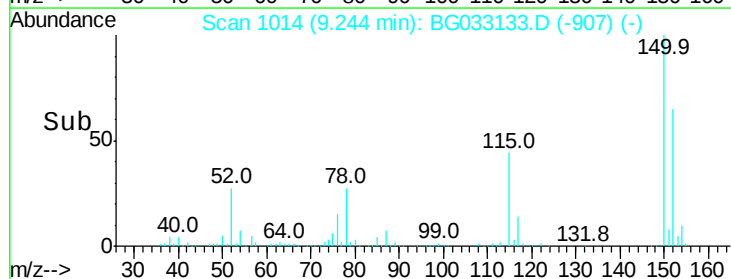
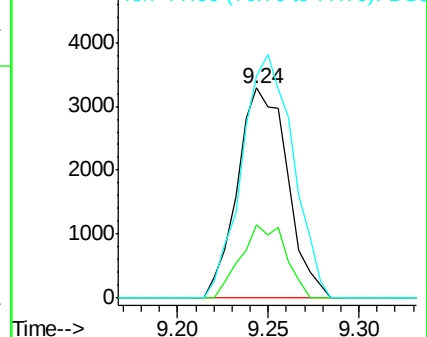
79 100

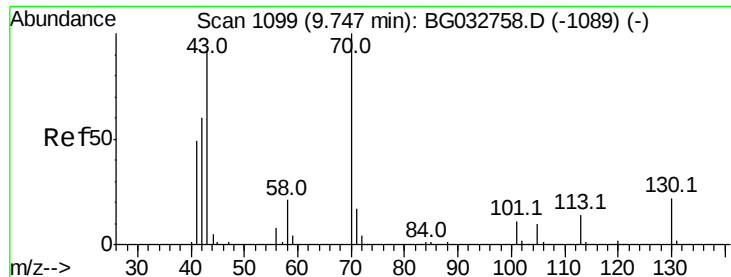
108 34.7 57.2 85.8#

77 105.7 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

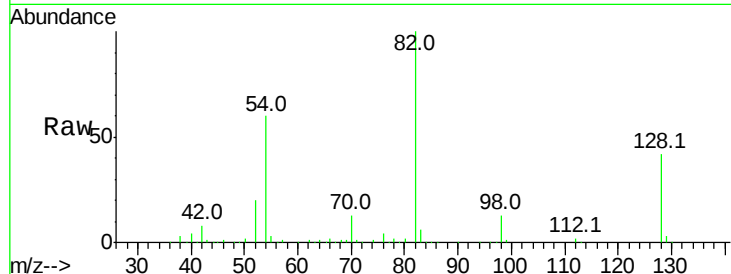




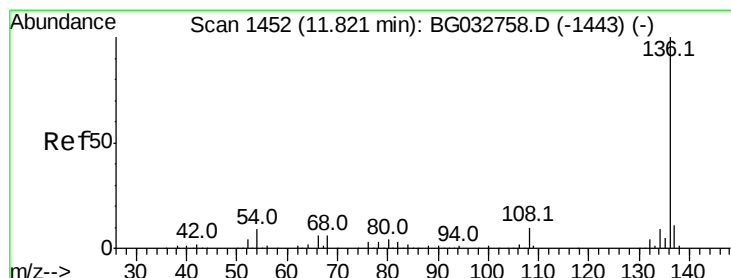
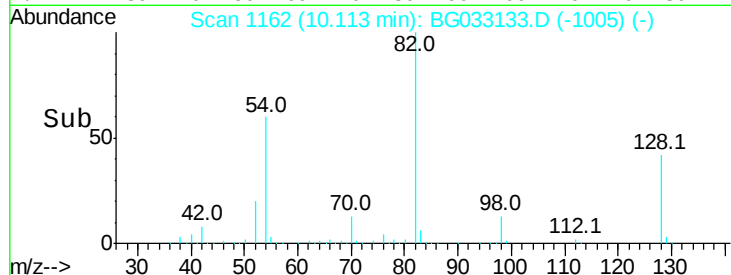
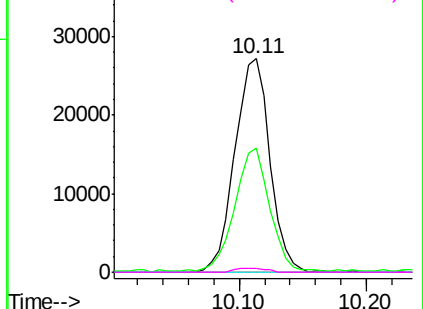
#19
n-Nitroso-di-n-propylamine
Concen: 17.395 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.39 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 51785
Ion Ratio Lower Upper
70 100
42 58.0 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#

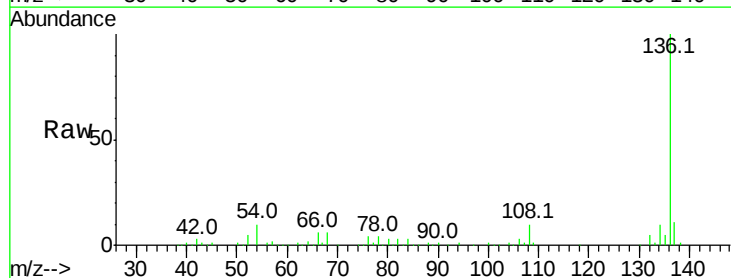


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

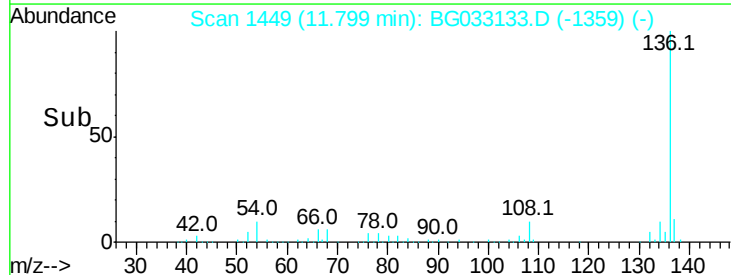
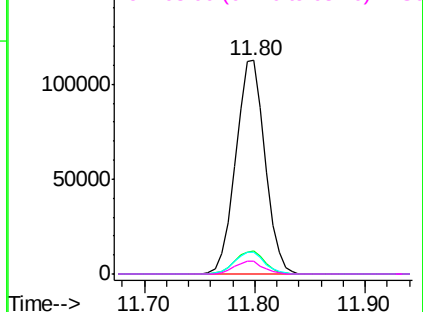


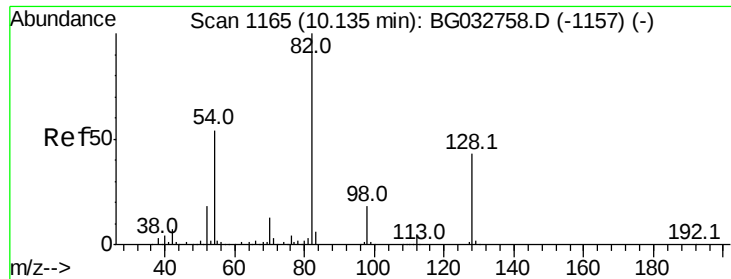
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Tgt Ion: 136 Resp: 209577
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 10.0 10.3 15.5#
68 6.1 4.5 6.7



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

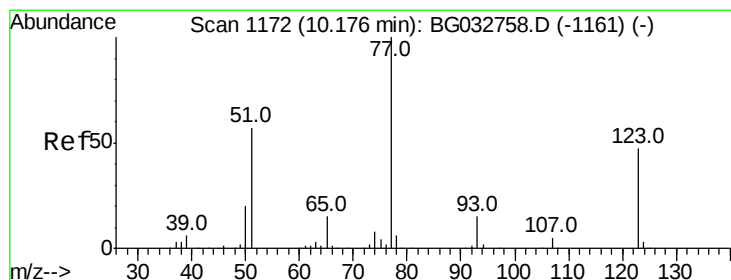
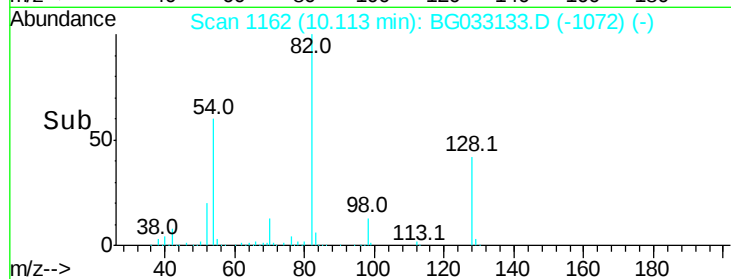
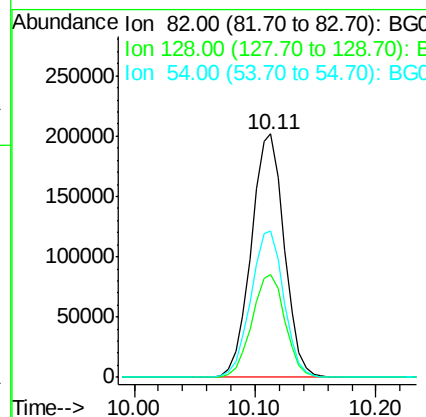
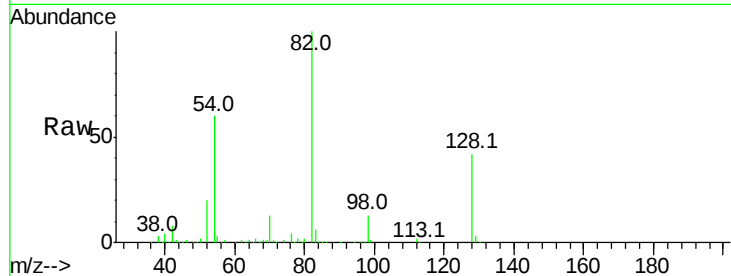




#23
 Nitrobenzene-d5
 Concen: 122.341 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

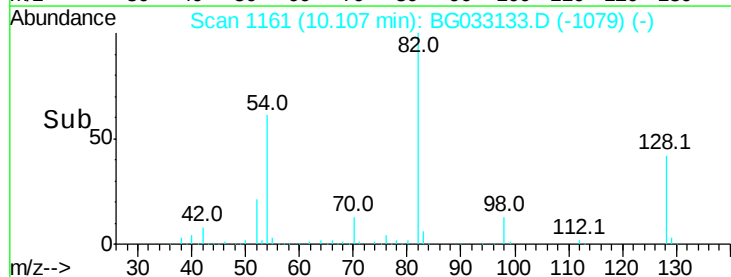
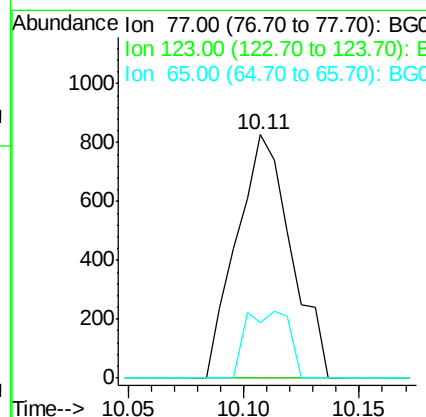
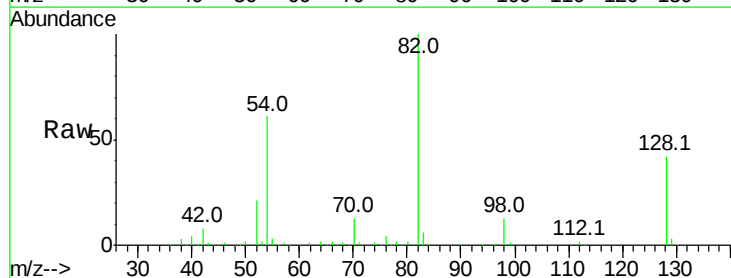
Instrument :
 BNA_G
 ClientSampleId :

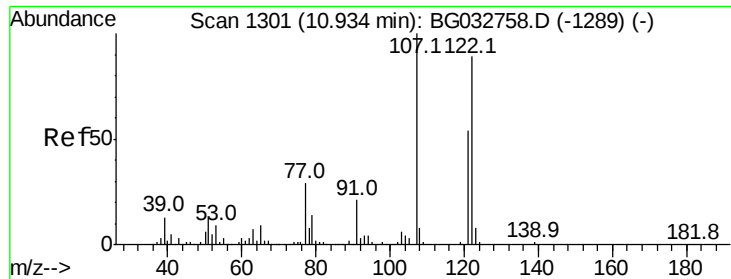
Tot Ion: 82 Resp: 384364
 Ion Ratio Lower Upper
 82 100
 128 42.4 29.7 44.5
 54 60.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.732 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Tgt Ion: 77 Resp: 1355
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 23.0 13.0 19.6#

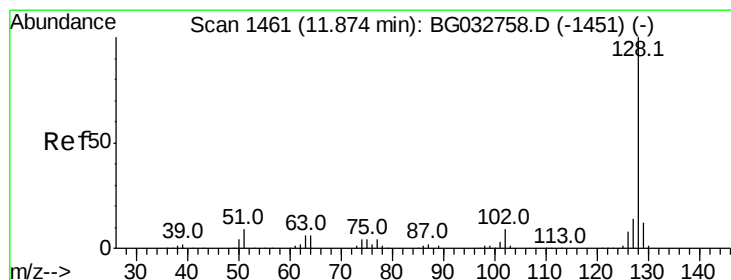
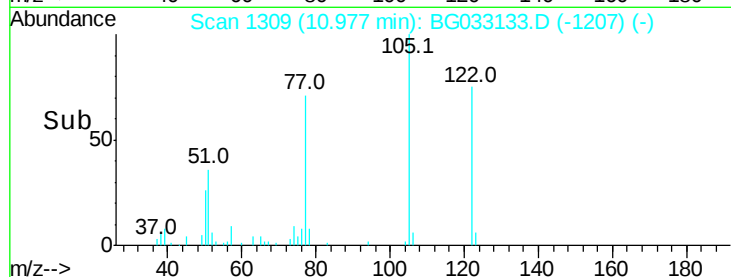
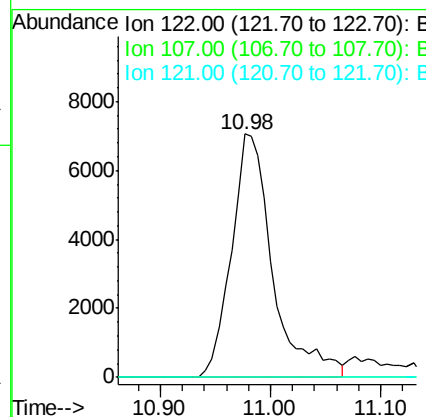
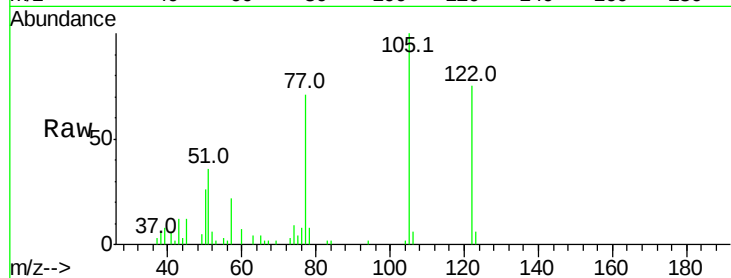




#27
 2,4-Dimethylphenol
 Concen: 5.783 ng
 RT: 10.98 min Scan# 1309
 Delta R.T. 0.07 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

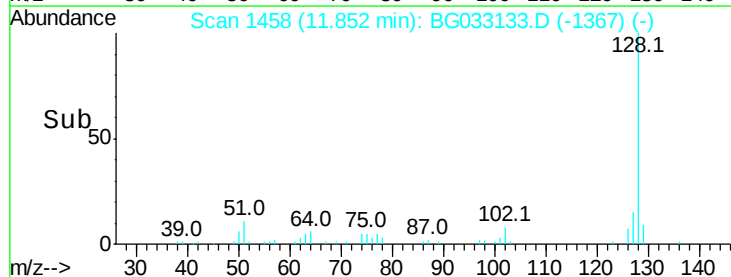
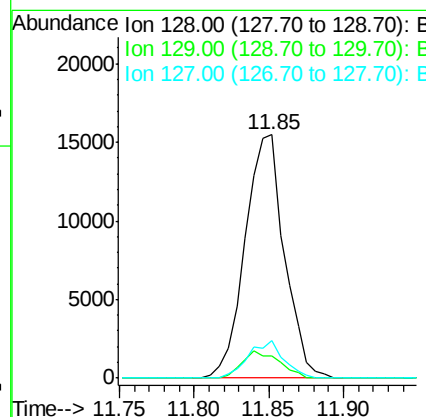
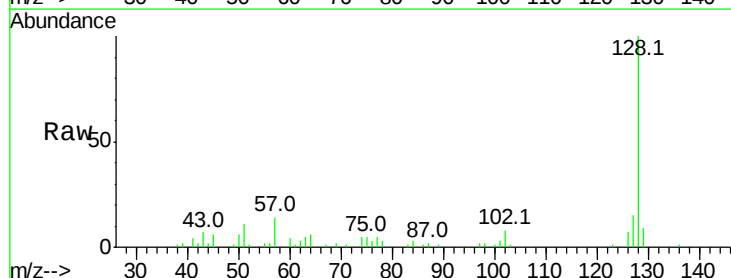
Instrument :
 BNA_G
 ClientSampleId :

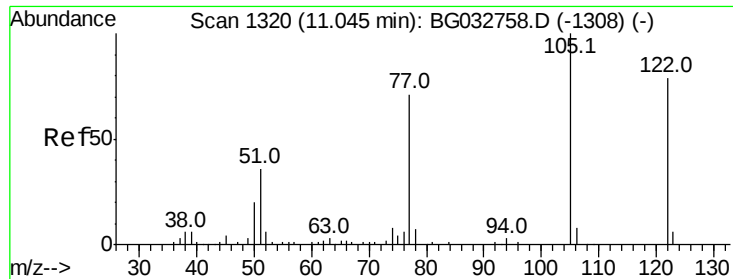
Tot Ion:122 Resp: 18479
 Ion Ratio Lower Upper
 122 100
 107 0.0 100.2 150.2#
 121 0.0 44.4 66.6#



#31
 Naphthalene
 Concen: 2.570 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Tgt Ion:128 Resp: 28150
 Ion Ratio Lower Upper
 128 100
 129 9.0 8.6 12.8
 127 15.2 11.6 17.4

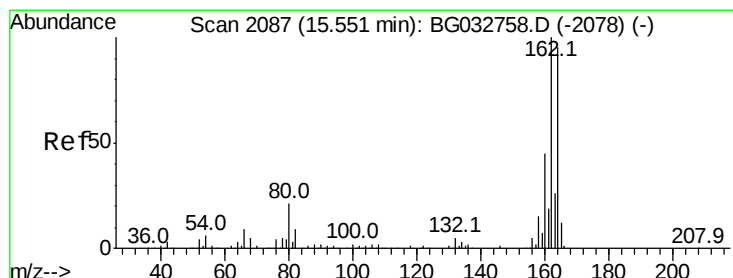
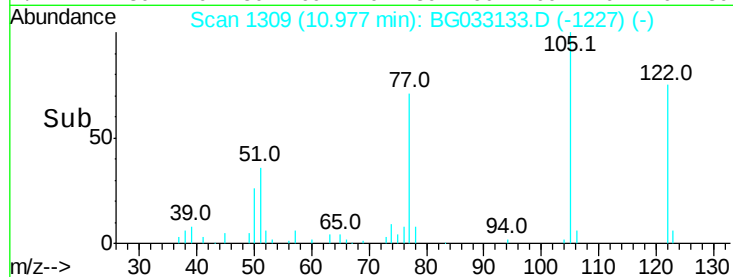
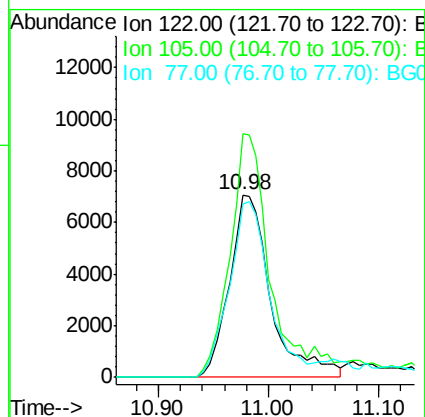
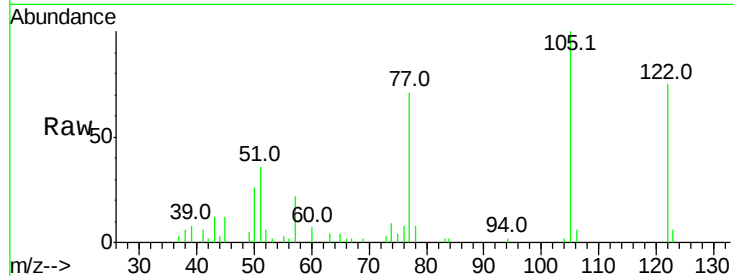




#32
Benzoic acid
Concen: 16.190 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

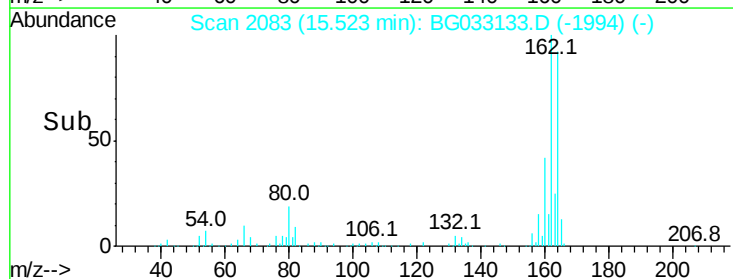
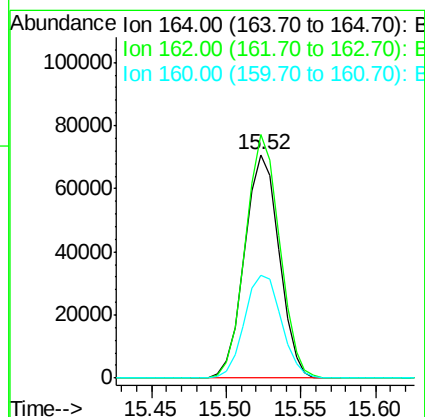
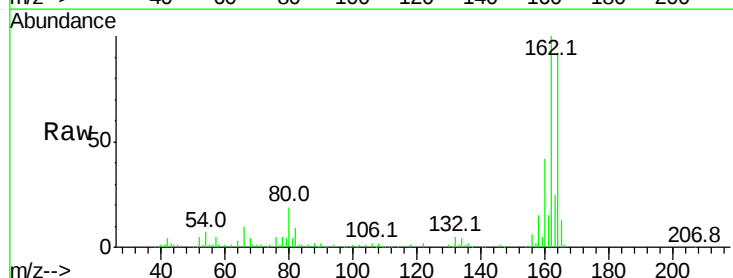
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BNA_G
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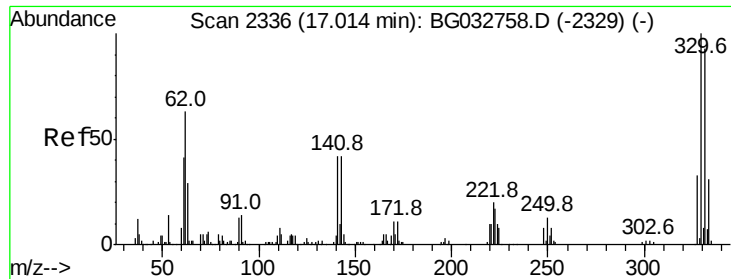
Tot Ion:122 Resp: 18479
Ion Ratio Lower Upper
122 100
105 133.5 123.5 163.5
77 95.2 85.7 125.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Tgt Ion:164 Resp: 113410
Ion Ratio Lower Upper
164 100
162 108.9 78.8 118.2
160 45.8 35.4 53.0

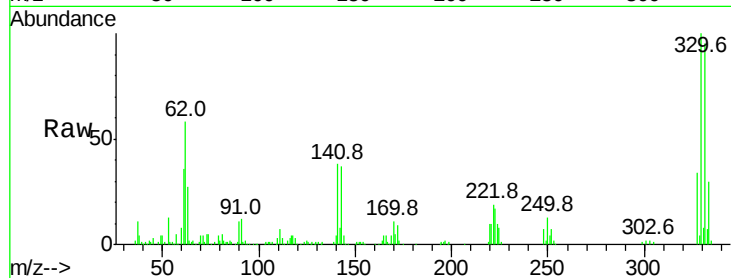




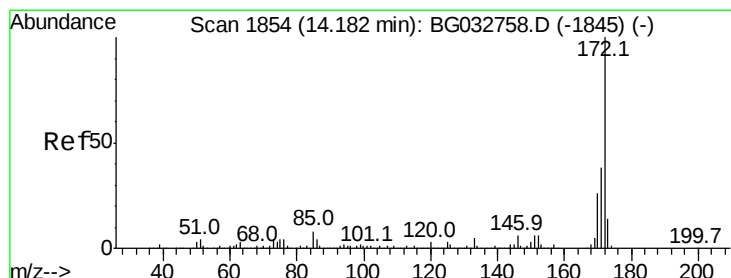
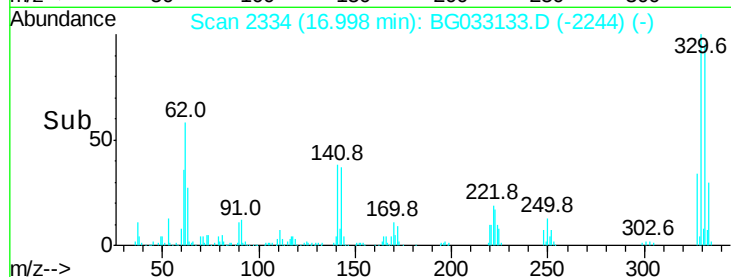
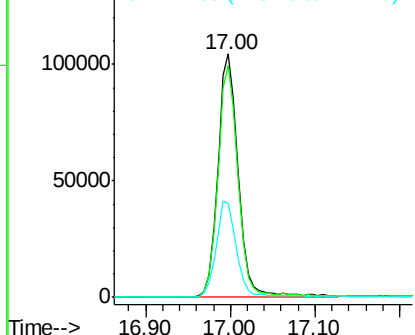
#41
 2,4,6-Tribromophenol
 Concen: 148.627 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 177233
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 39.6 25.2 37.8#

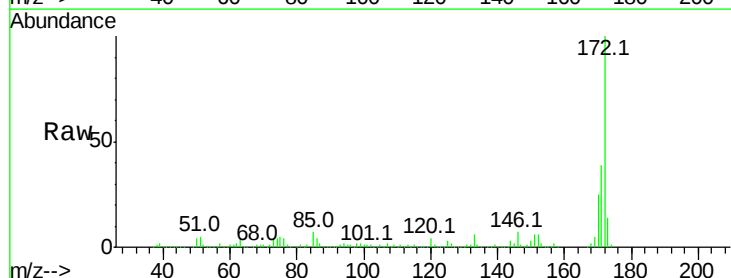


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

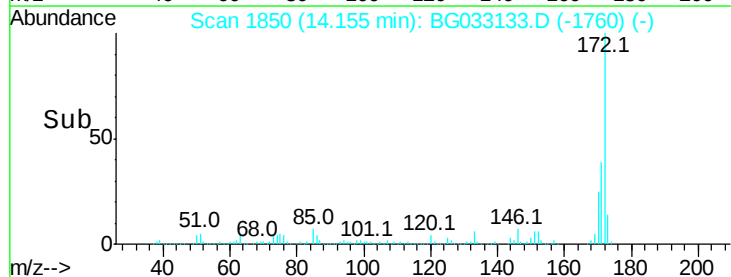
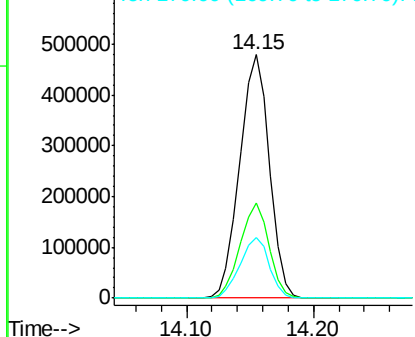


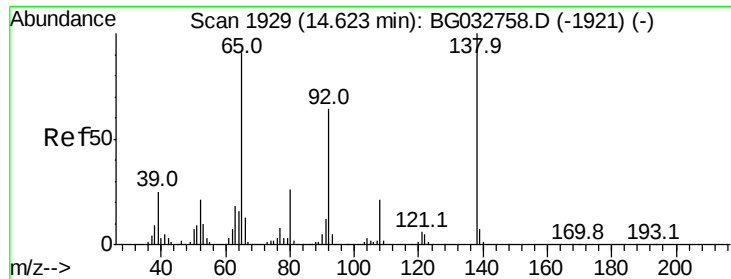
#44
 2-Fluorobiphenyl
 Concen: 98.771 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Tgt Ion:172 Resp: 776673
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.7 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

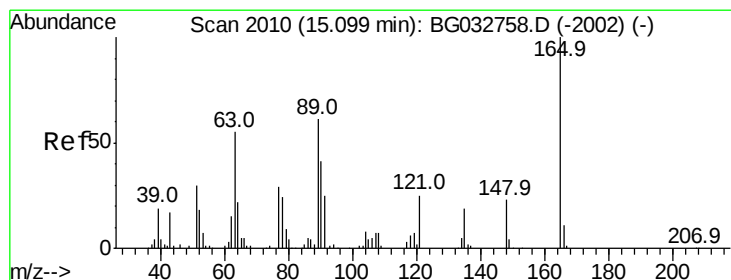
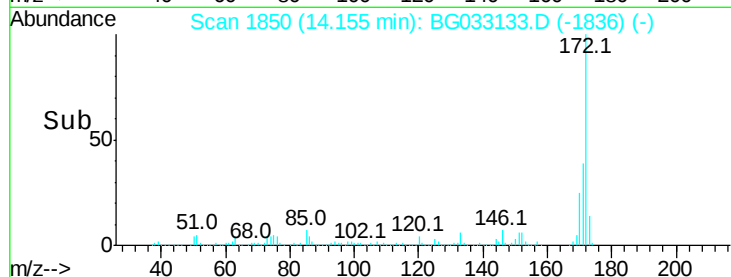
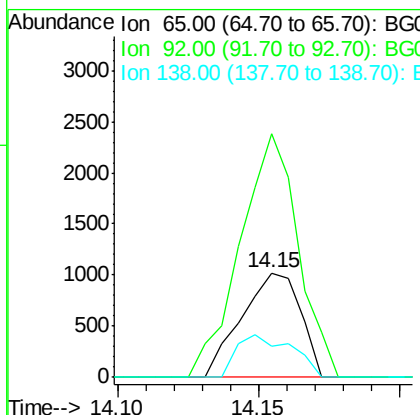
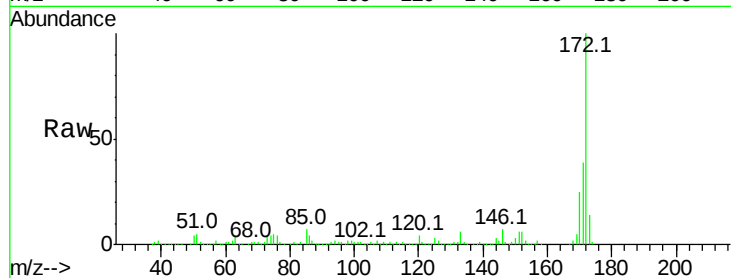




#47
2-Nitroaniline
Concen: 10.465 ng
RT: 14.15 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

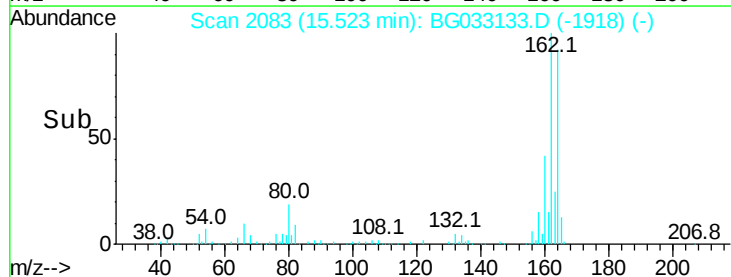
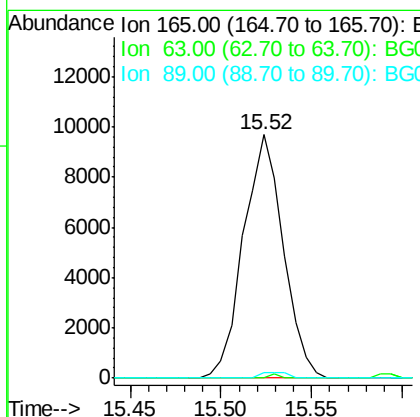
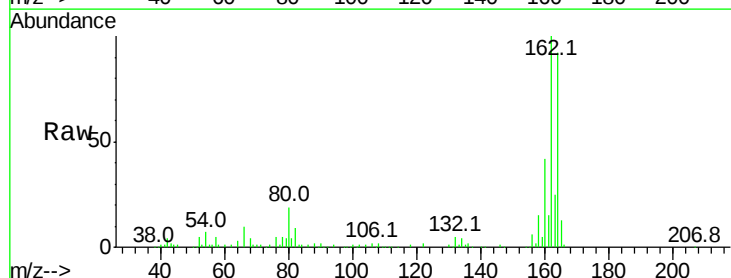
Instrument :
BNA_G
ClientSampled :

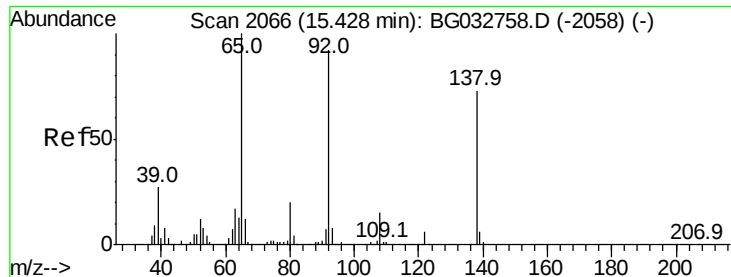
Tot Ion: 65 Resp: 1477
Ion Ratio Lower Upper
65 100
92 233.9 54.6 82.0#
138 30.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.429 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Tgt Ion:165 Resp: 14735
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.4 49.2 73.8#





#52

3-Nitroaniline

Concen: 7.567 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.49 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

Instrument :

BNA_G

ClientSampleId :

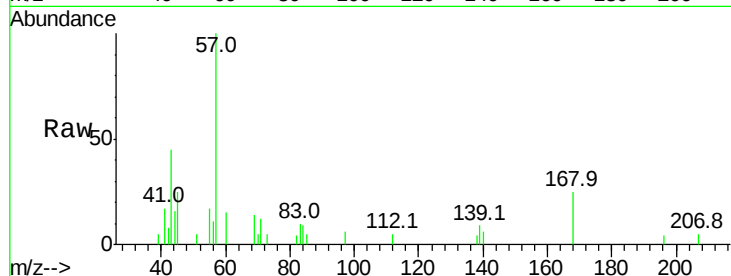
Tot Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

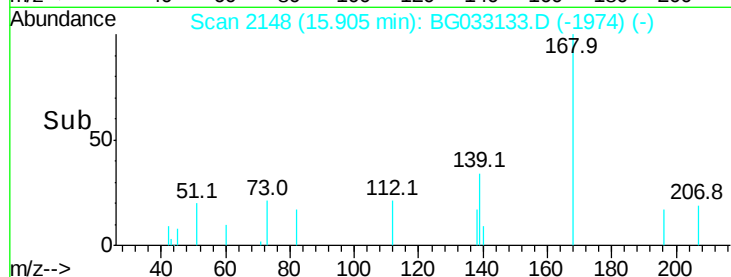
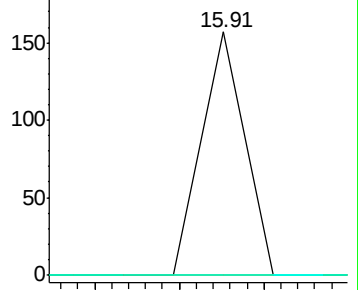
92 0.0 105.8 158.8#



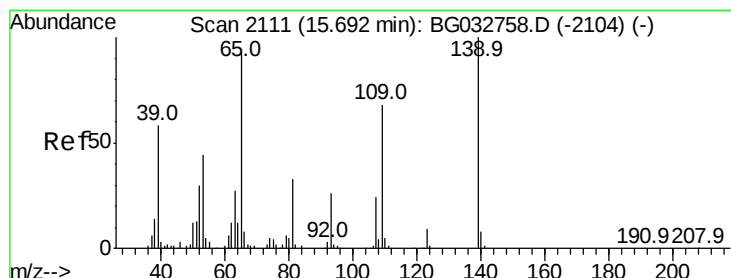
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time-->



#55

4-Nitrophenol

Concen: 7.871 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.23 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

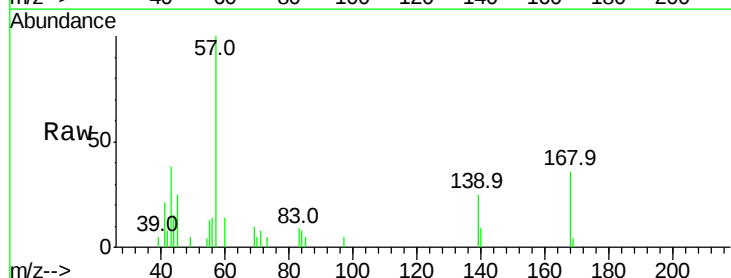
Tgt Ion:139 Resp: 1368

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

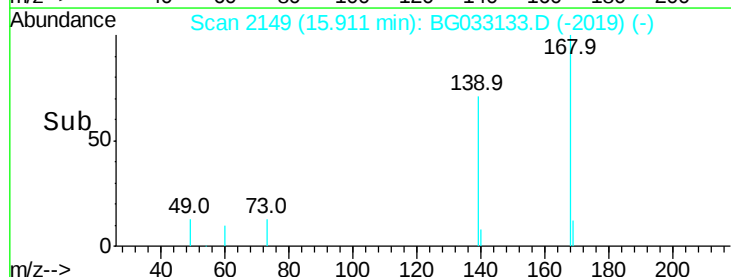
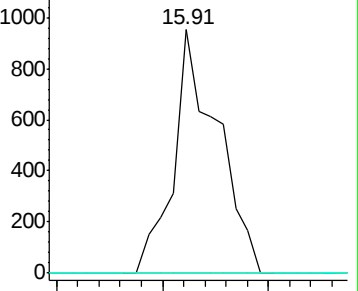
65 0.0 97.2 137.2#



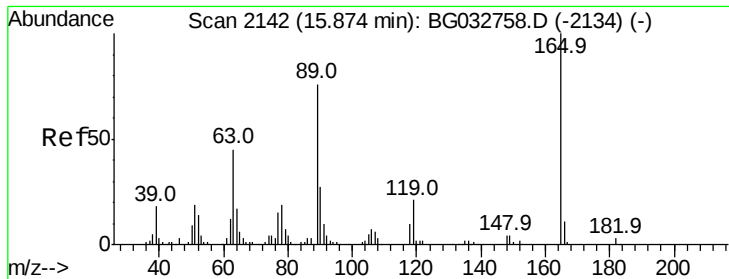
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



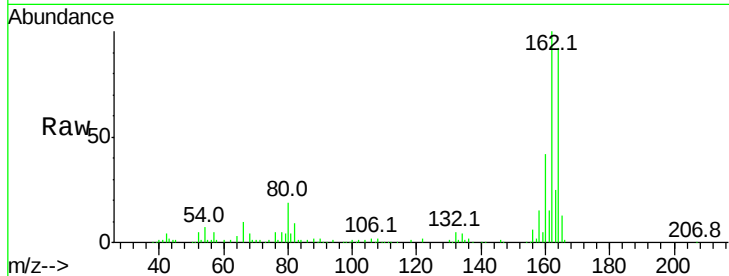
Time-->



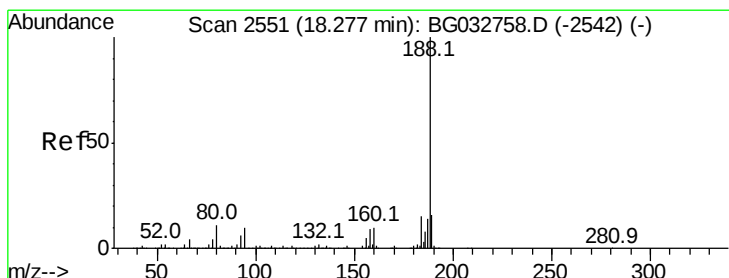
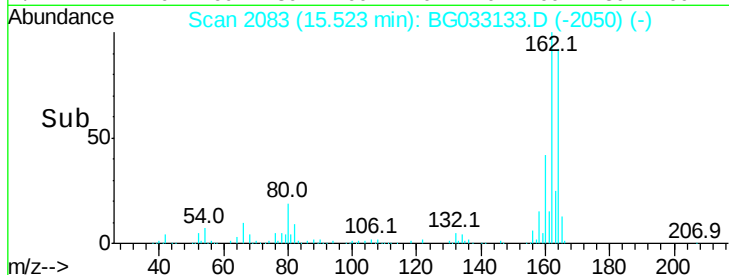
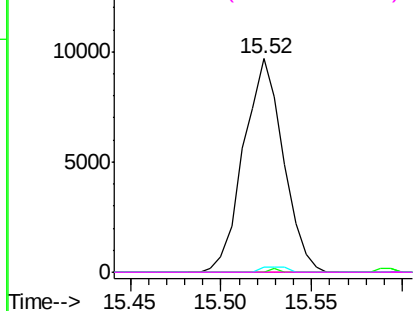
#56
2,4-Dinitrotoluene
Concen: 14.627 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.34 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14735
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#

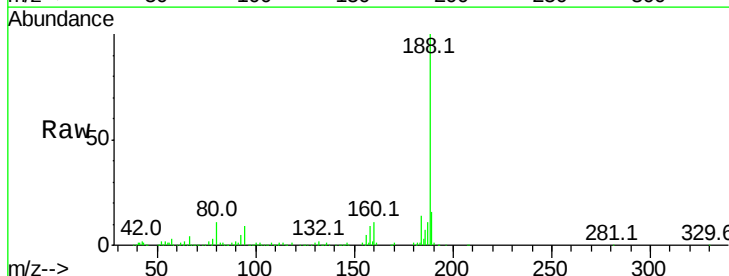


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

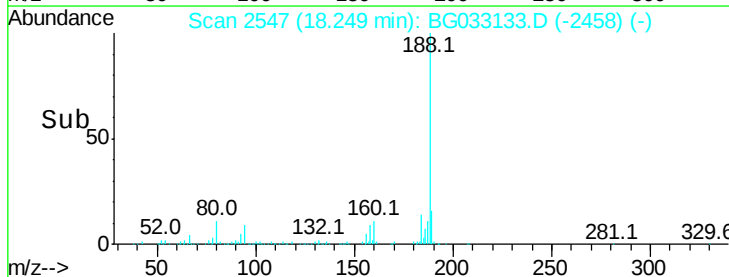
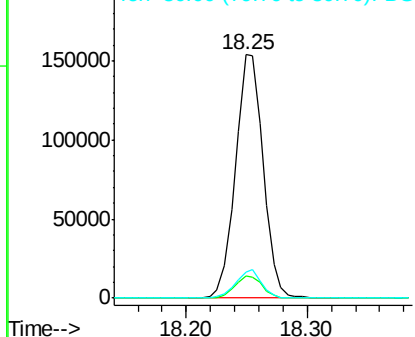


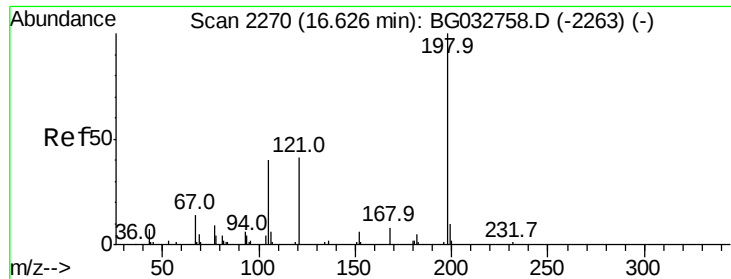
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033133.D
Acq: 14 Mar 2018 2:51

Tgt Ion:188 Resp: 245690
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.7 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: 5.810 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.39 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

Instrument :

BNA_G

ClientSampleId :

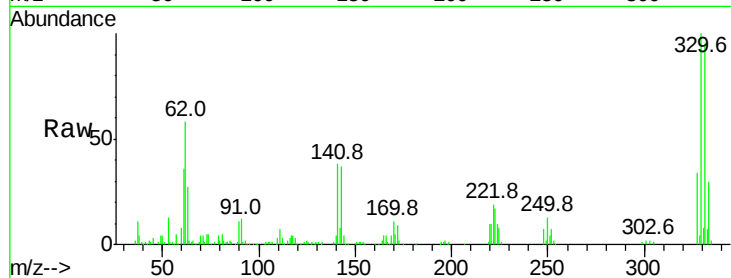
Tot Ion:198 Resp: 498

Ion Ratio Lower Upper

198 100

51 127.5 30.6 70.6#

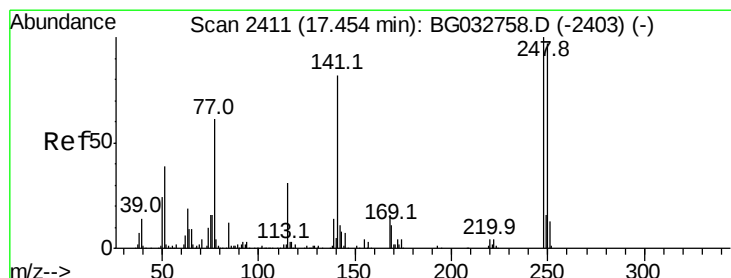
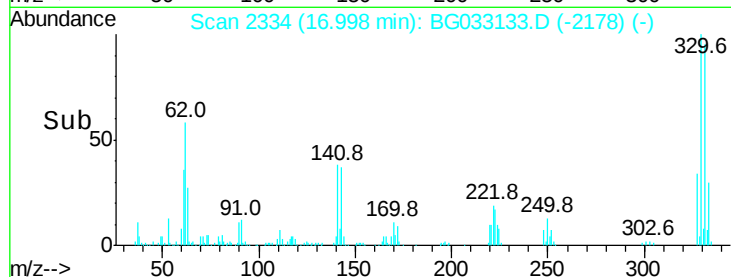
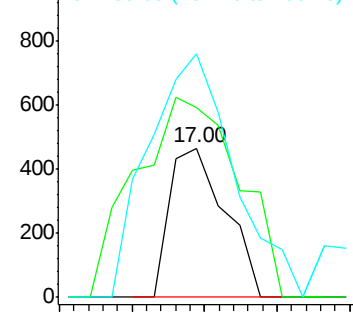
105 163.3 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.370 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.43 min

Lab File: BG033133.D

Acq: 14 Mar 2018 2:51

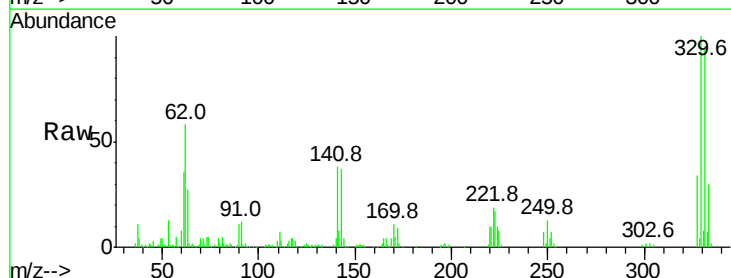
Tgt Ion:248 Resp: 11354

Ion Ratio Lower Upper

248 100

250 196.6 77.1 115.7#

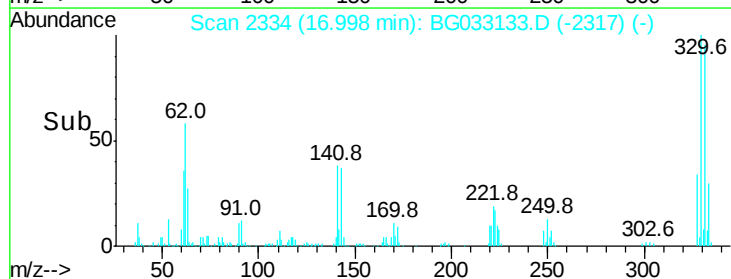
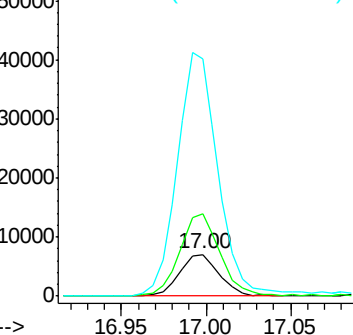
141 565.7 50.8 76.2#

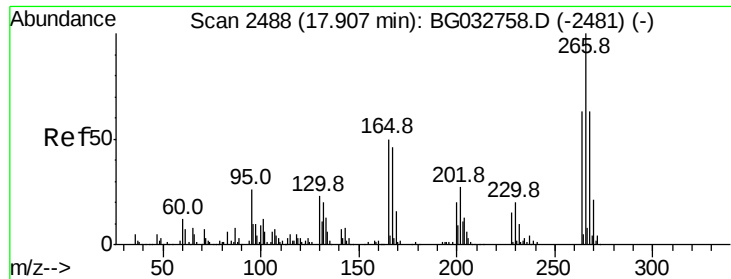


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

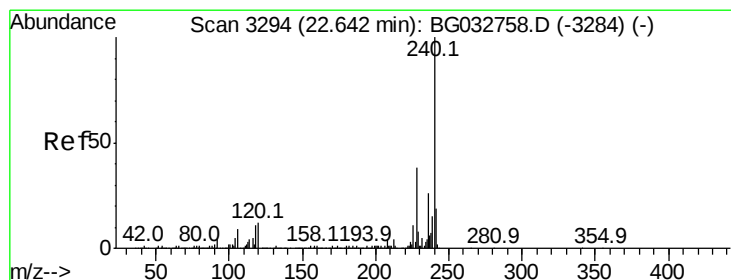
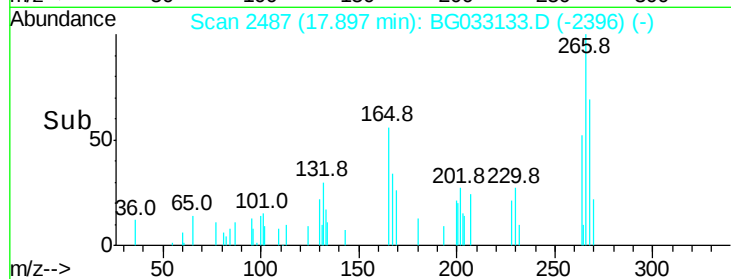
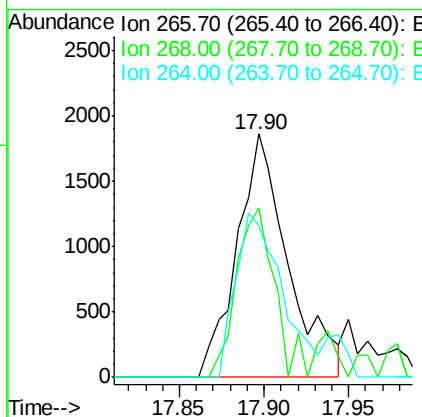
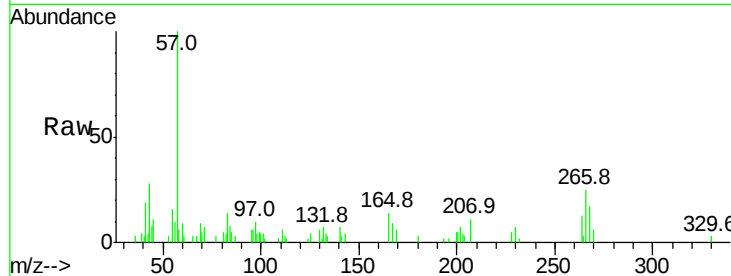




#69
 Pentachlorophenol
 Concen: 2.220 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

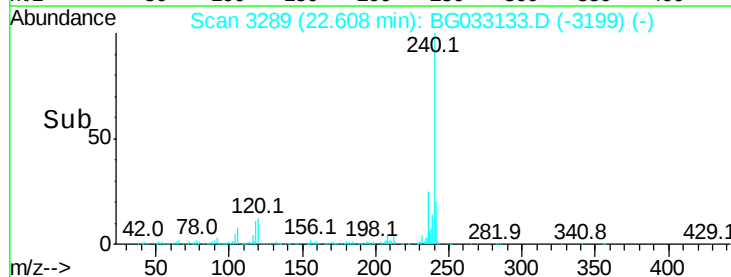
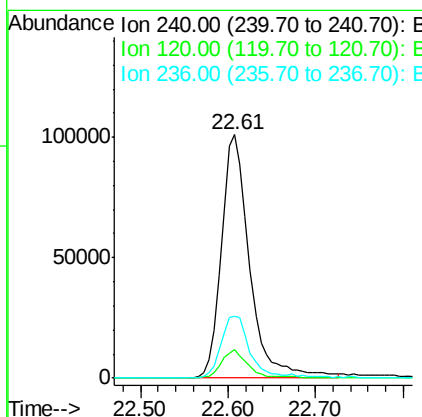
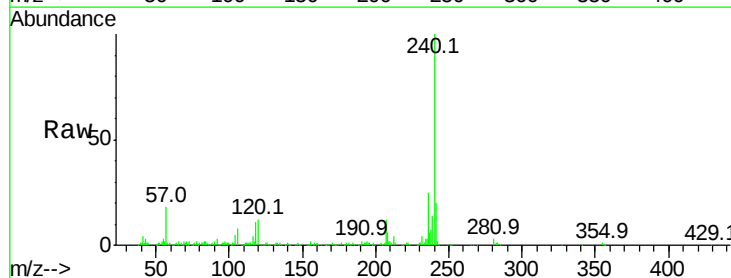
Instrument :
 BNA_G
 ClientSampled :

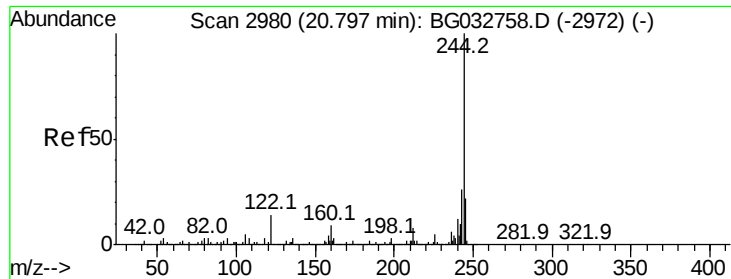
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.5	51.1	76.7
264	62.2	49.6	74.4



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.8	10.2#
236	25.2	20.9	31.3

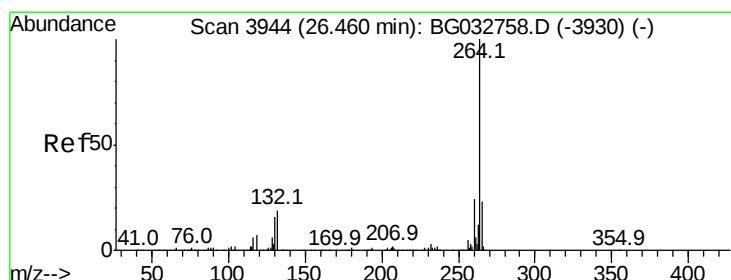
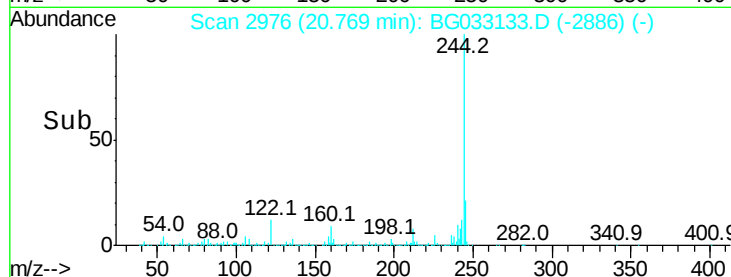
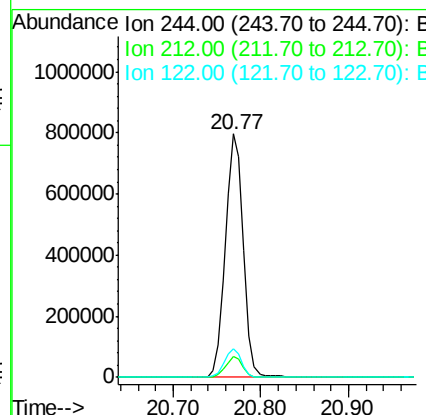
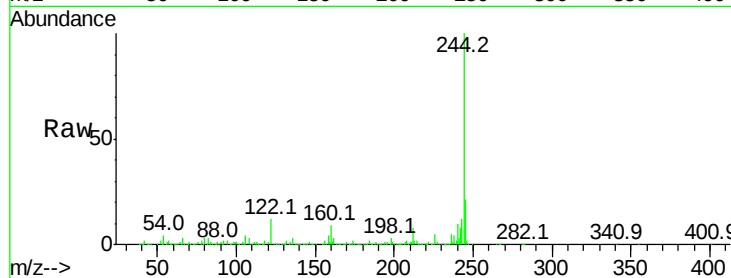




#78
 Terphenyl-d14
 Concen: 113.359 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1131202
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 11.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: BG033133.D
 Acq: 14 Mar 2018 2:51

Tgt Ion:264 Resp: 200663
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 22.6 17.7 26.5

