

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032915.D
 Acq On : 1 Mar 2018 9:41
 Operator : SJ/JU
 Sample : J1708-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 10:48:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	69481	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	303724	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	167478	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	369251	20.00	ng	0.00
75) Chrysene-d12	22.61	240	331394	20.00	ng	-0.02
86) Perylene-d12	26.42	264	312287	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	666803	153.54	ng	0.00
7) Phenol-d6	8.02	99	812206	134.17	ng	0.00
23) Nitrobenzene-d5	10.12	82	572747	125.51	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	256382	145.59	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1249668	107.62	ng	0.00
78) Terphenyl-d14	20.78	244	1660182	112.55	ng	0.00

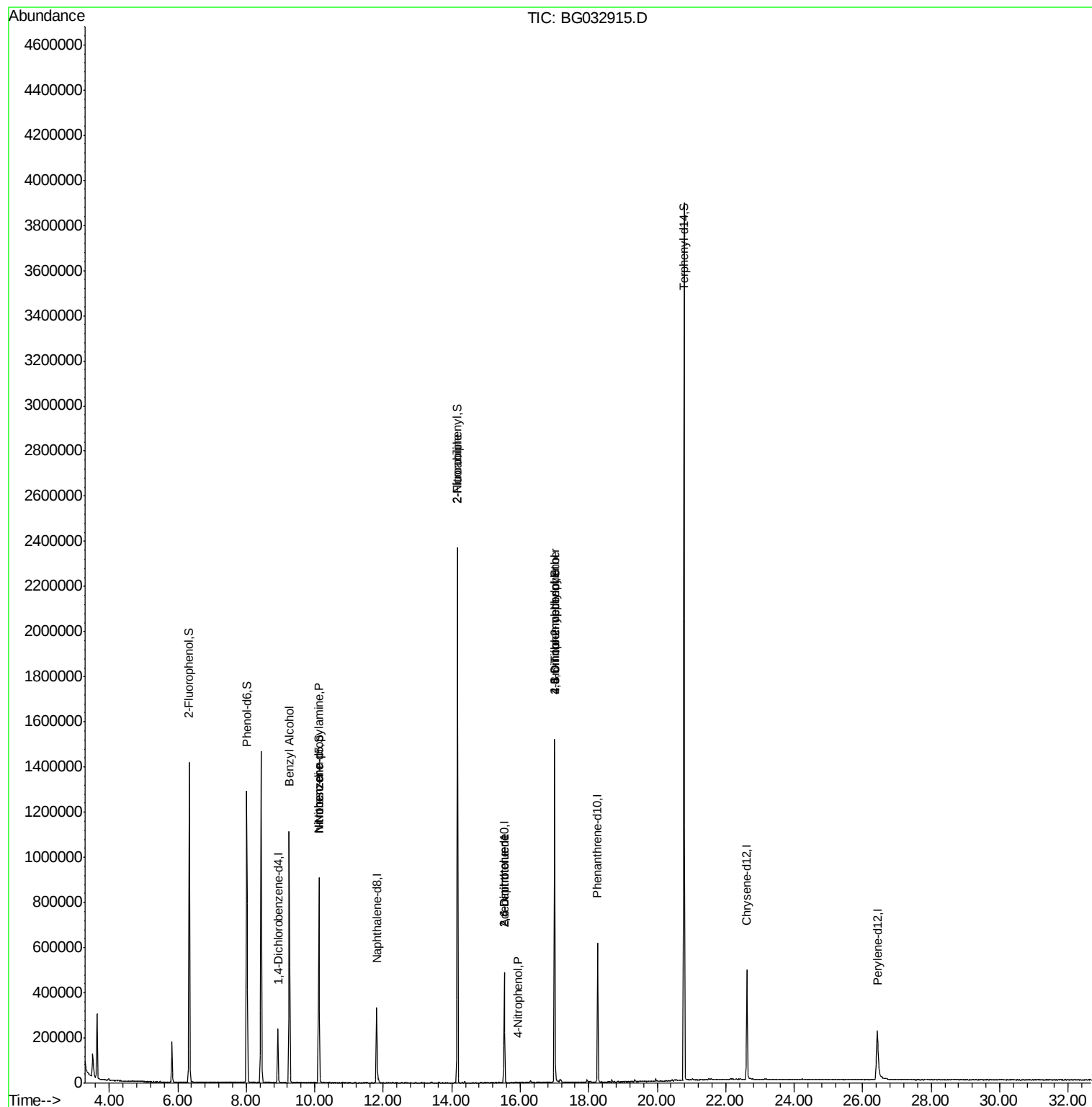
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.26	79	9459	2.125	ng	# 43
19) n-Nitroso-di-n-propylamine	10.12	70	73339	17.161	ng	# 85
24) Nitrobenzene	10.11	77	1826	6.707	ng	# 45
47) 2-Nitroaniline	14.16	65	2269	10.490	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	21800	16.443	ng	# 20
55) 4-Nitrophenol	15.93	139	238	7.174	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	21800	14.641	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	1112	6.224	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	18916	4.845	ng	# 1

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

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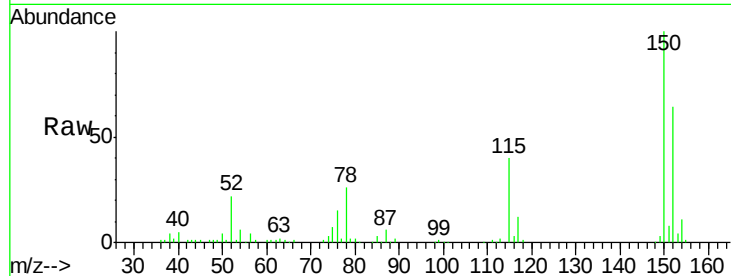


#1

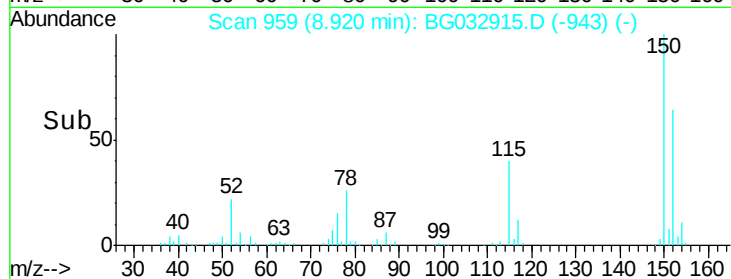
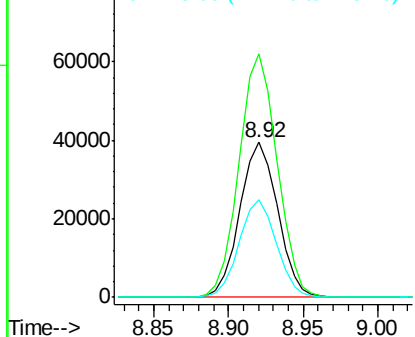
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69481
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 62.6 53.0 79.4



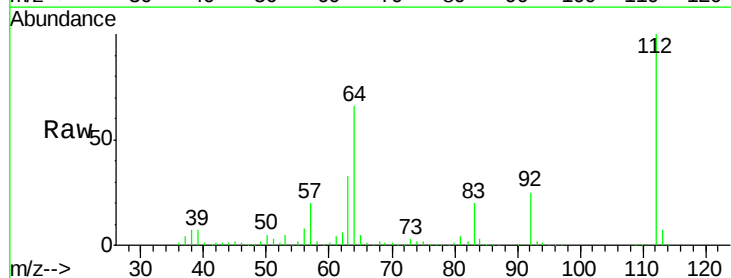
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



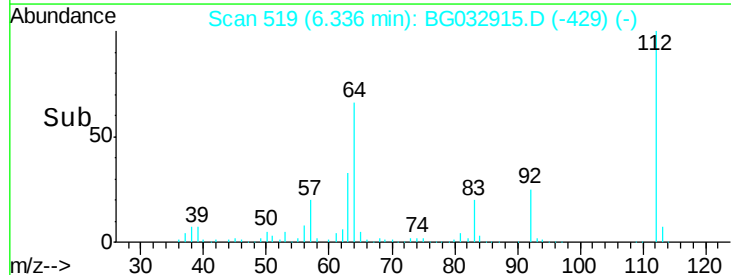
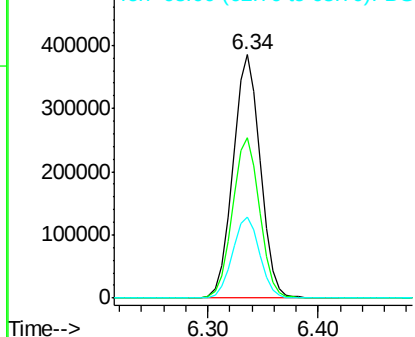
#5

2-Fluorophenol
Concen: 153.537 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Tgt Ion:112 Resp: 666803
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 33.4 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: 134.172 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampled :

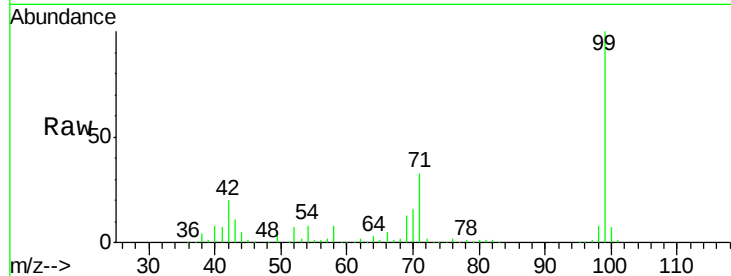
Tot Ion: 99 Resp: 812206

Ion Ratio Lower Upper

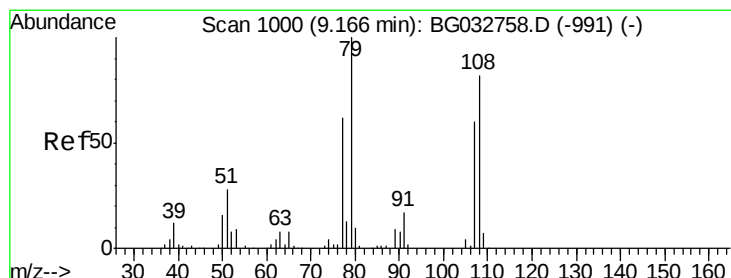
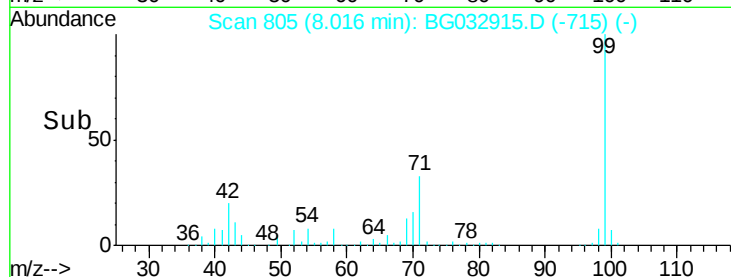
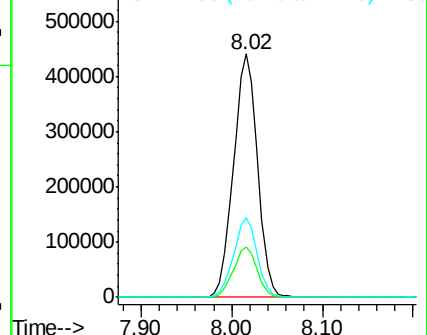
99 100

42 20.5 14.1 21.1

71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.125 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.10 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

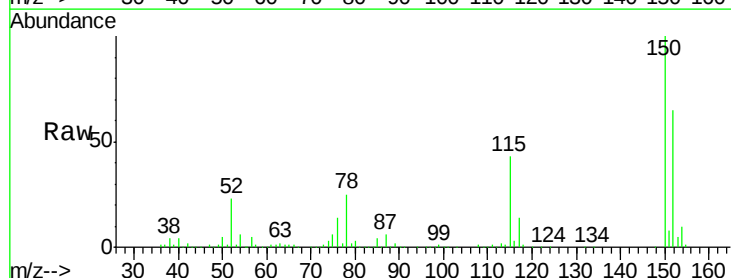
Tgt Ion: 79 Resp: 9459

Ion Ratio Lower Upper

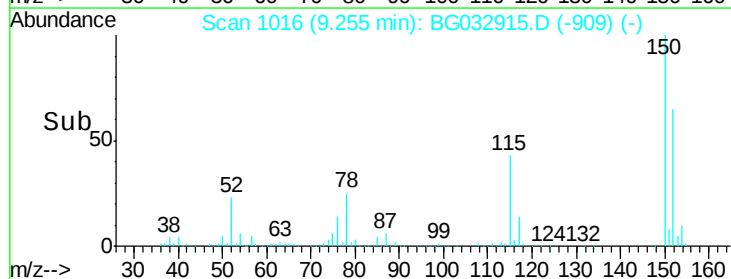
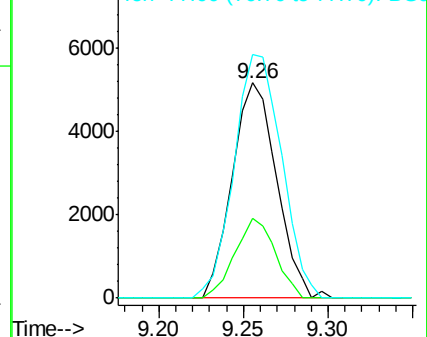
79 100

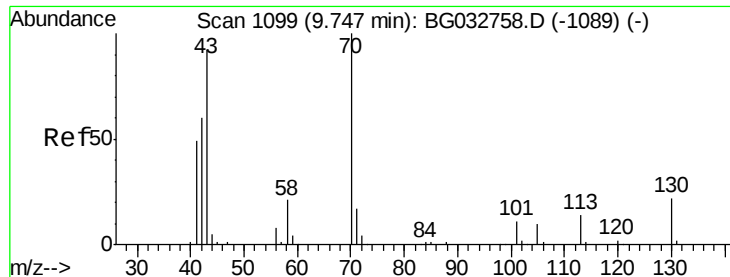
108 36.9 57.2 85.8#

77 113.3 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

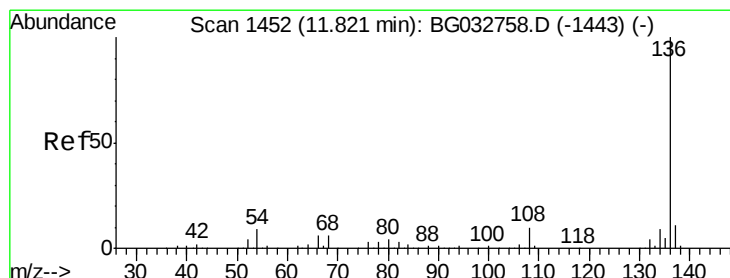
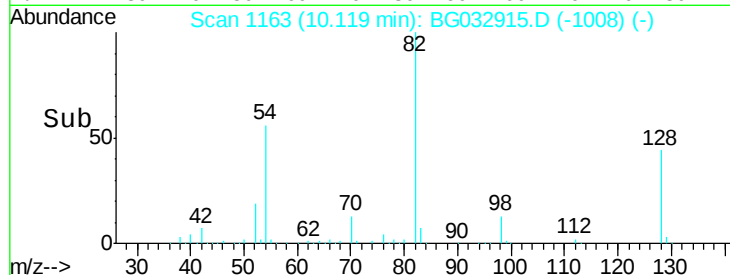
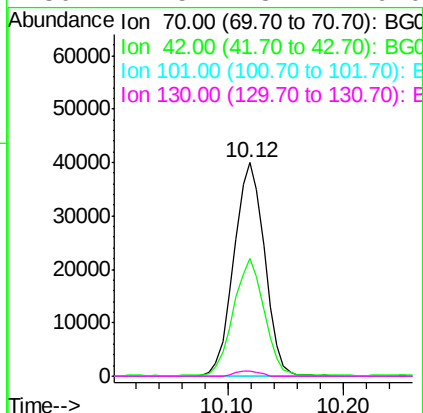
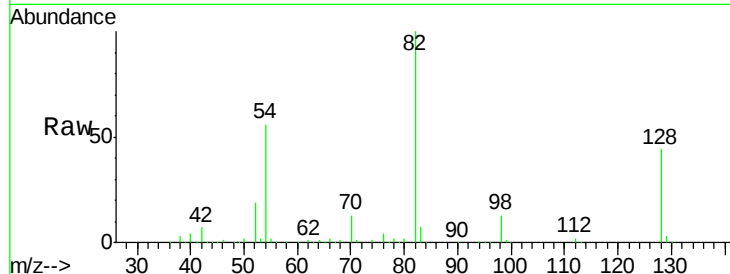




#19
n-Nitroso-di-n-propylamine
Concen: 17.161 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

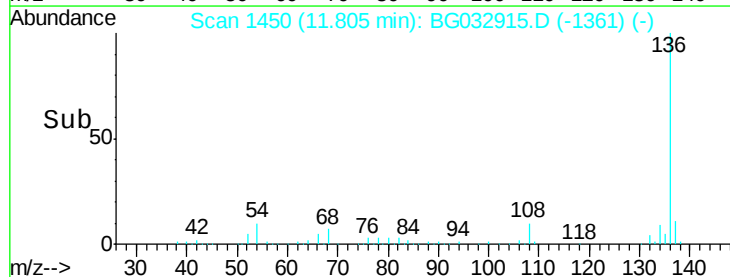
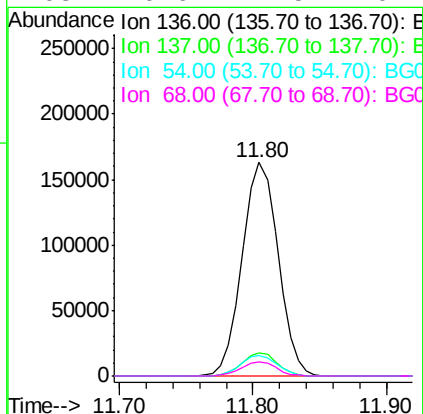
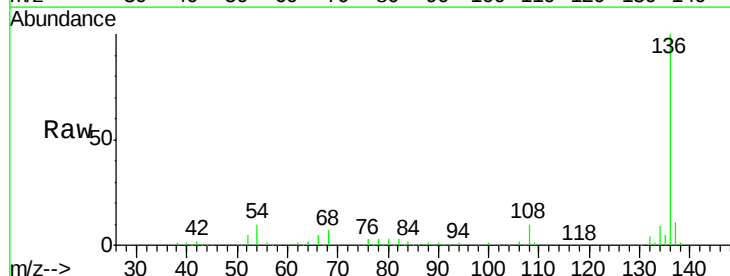
Instrument :
BNA_G
ClientSampleId :

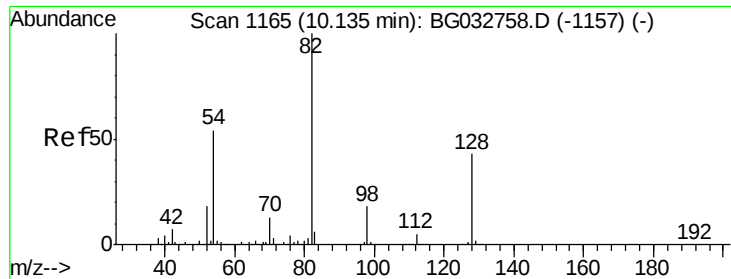
Tot Ion: 70 Resp: 73339
Ion Ratio Lower Upper
70 100
42 54.9 49.1 73.7
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032915.D
Acq: 1 Mar 2018 9:41

Tgt Ion: 136 Resp: 303724
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.7 10.3 15.5#
68 6.6 4.5 6.7

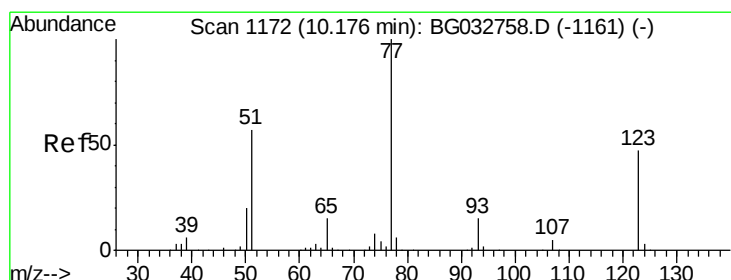
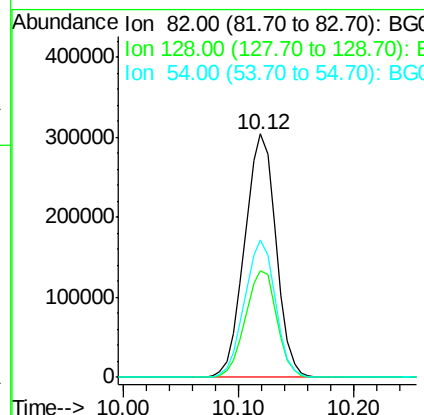
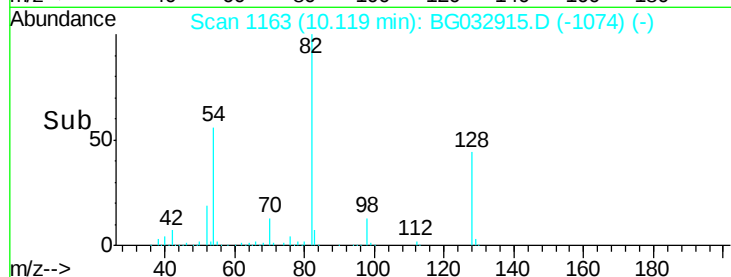
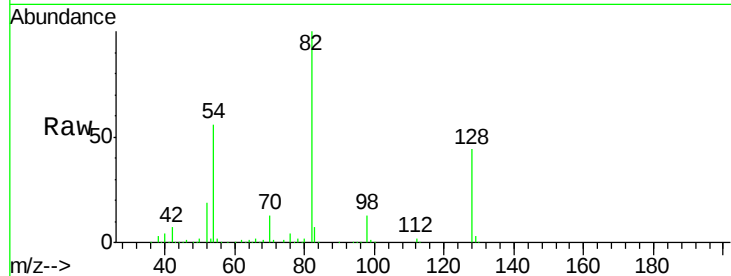




#23
 Nitrobenzene-d5
 Concen: 125.513 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

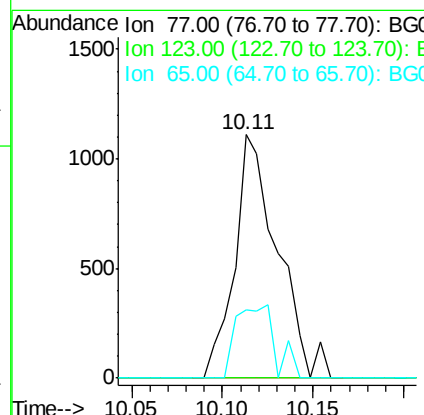
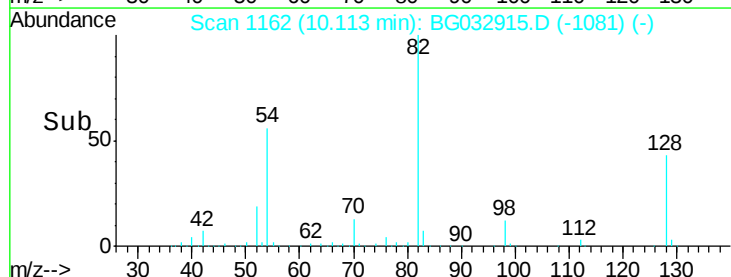
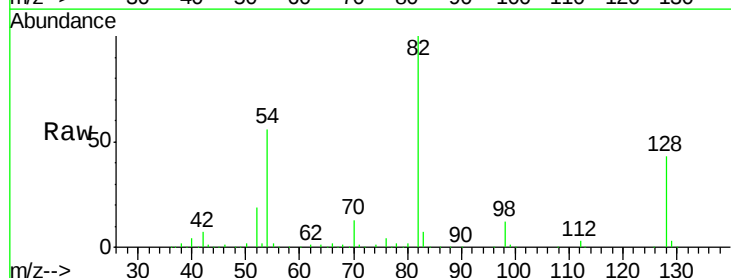
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	572747
Ion Ratio	100	Lower	Upper
128	43.9	29.7	44.5
54	56.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.707 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Tgt Ion	77	Resp	1826
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	0.0	33.0	49.6#
65	28.3	13.0	19.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampled :

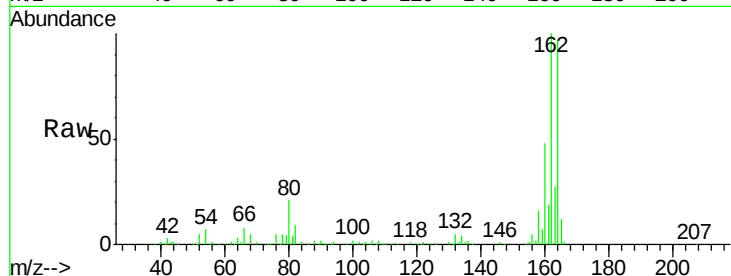
Tot Ion:164 Resp: 167478

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

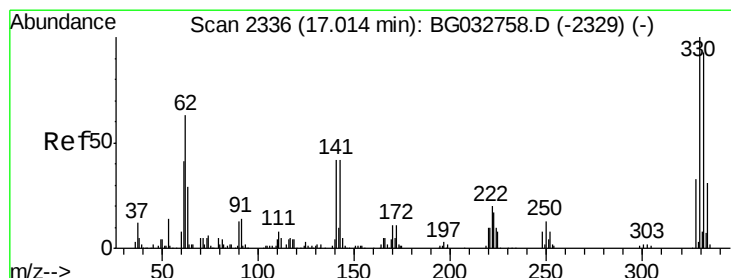
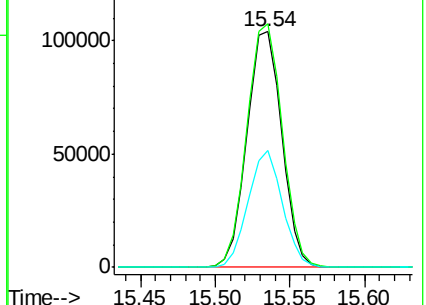
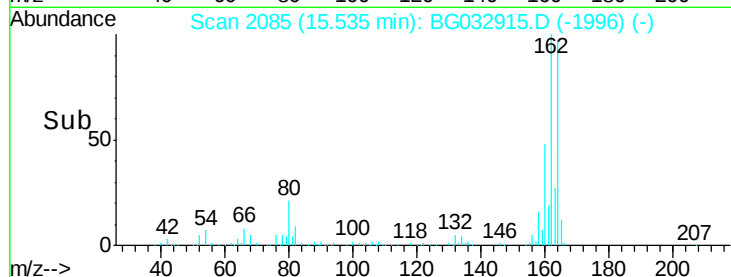
160 49.6 35.4 53.0



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: 145.591 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

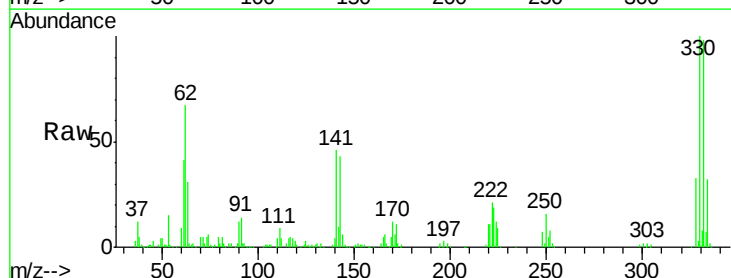
Tgt Ion:330 Resp: 256382

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

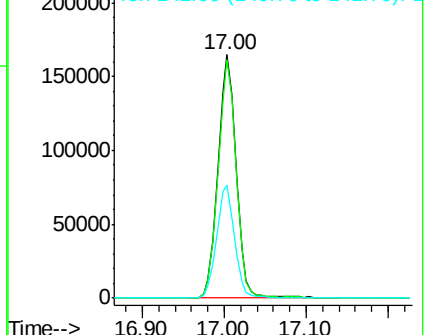
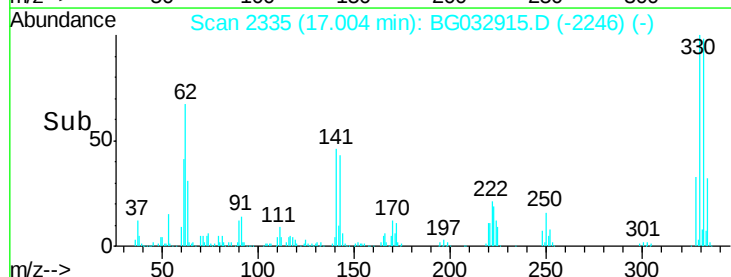
141 45.8 25.2 37.8#

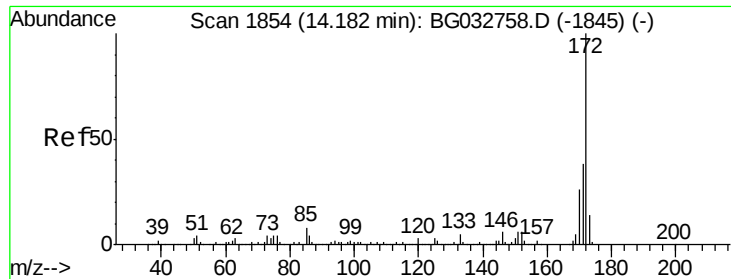


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

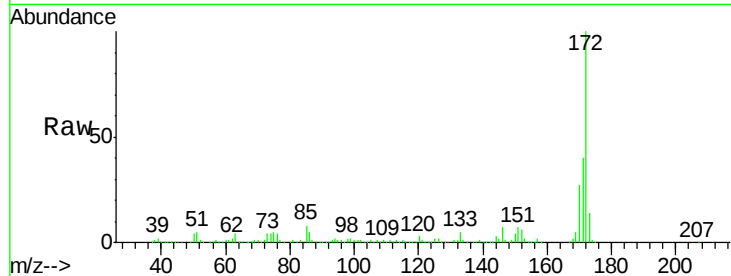




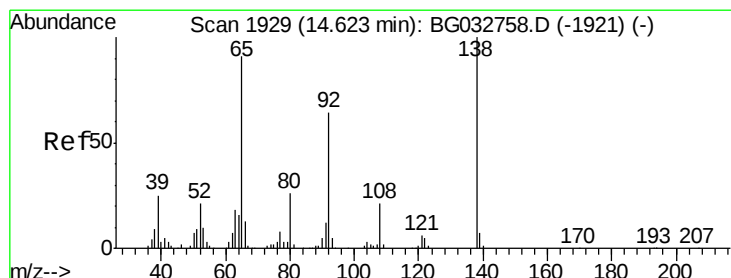
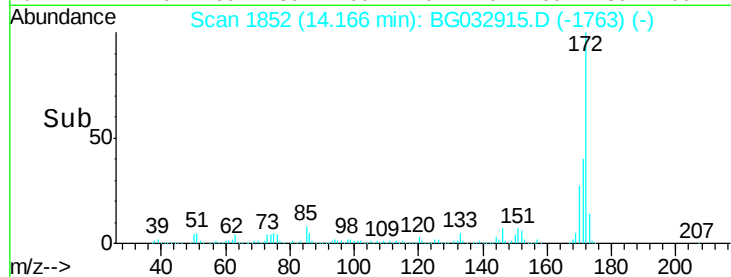
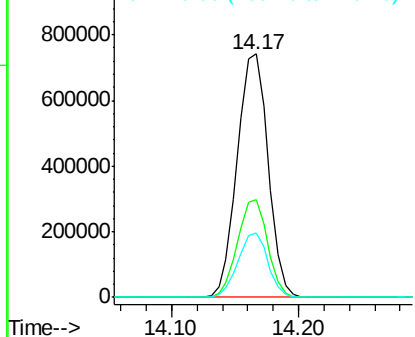
#44
 2-Fluorobiphenyl
 Concen: 107.616 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1249668
 Ion Ratio Lower Upper
 172 100
 171 40.1 30.0 45.0
 170 26.5 19.5 29.3

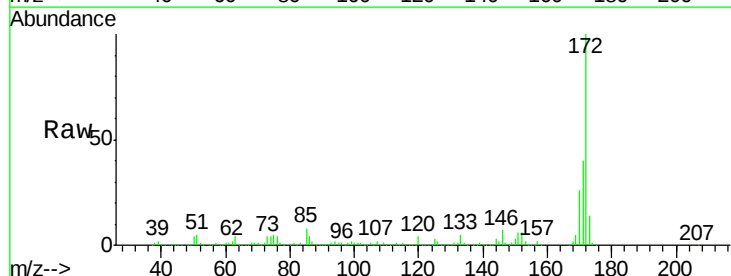


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

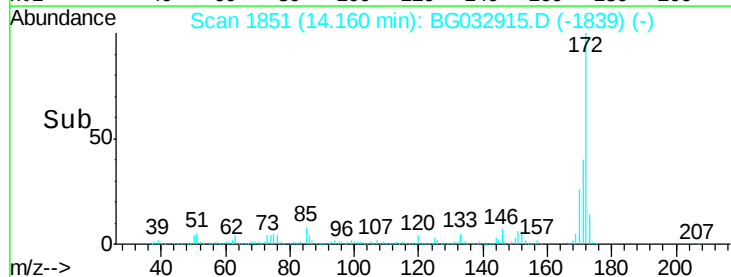
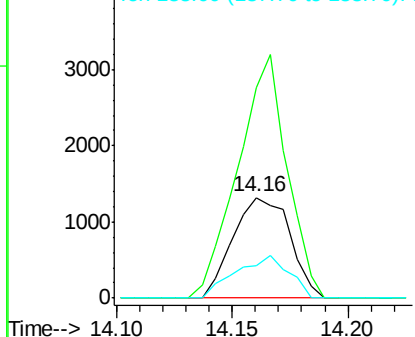


#47
 2-Nitroaniline
 Concen: 10.490 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.46 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Tgt Ion: 65 Resp: 2269
 Ion Ratio Lower Upper
 65 100
 92 208.9 54.6 82.0#
 138 31.9 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#50

2,6-Dinitrotoluene

Concen: 16.443 ng

RT: 15.53 min Scan# 2084

Delta R.T. 0.43 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampleId :

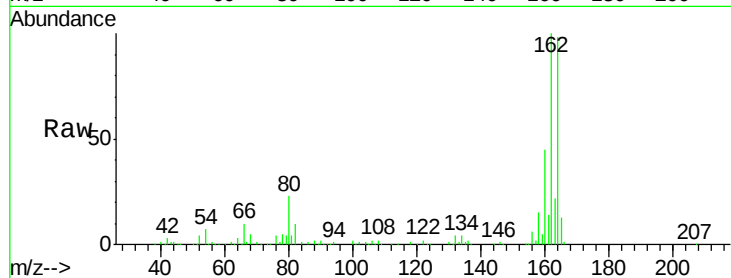
Tot Ion:165 Resp: 21800

Ion Ratio Lower Upper

165 100

63 1.2 52.7 79.1#

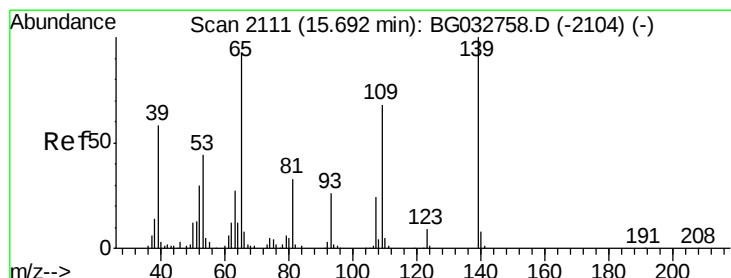
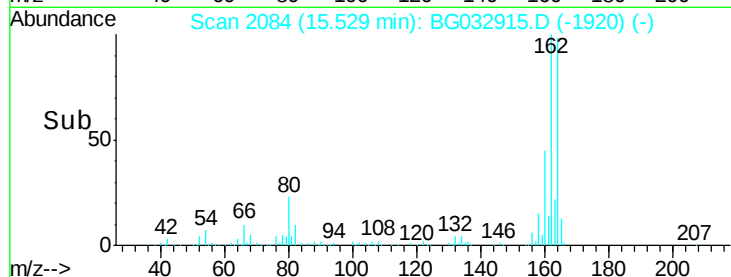
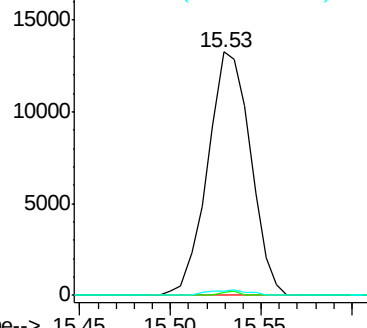
89 1.7 49.2 73.8#



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



#55

4-Nitrophenol

Concen: 7.174 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

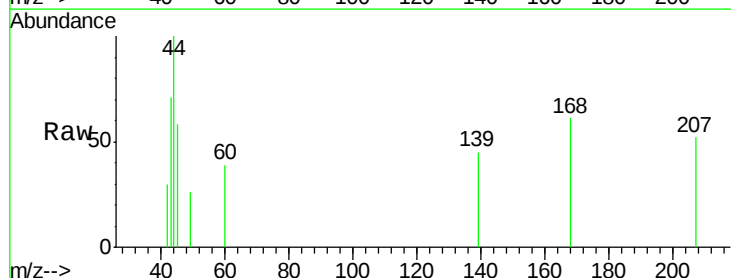
Tgt Ion:139 Resp: 238

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

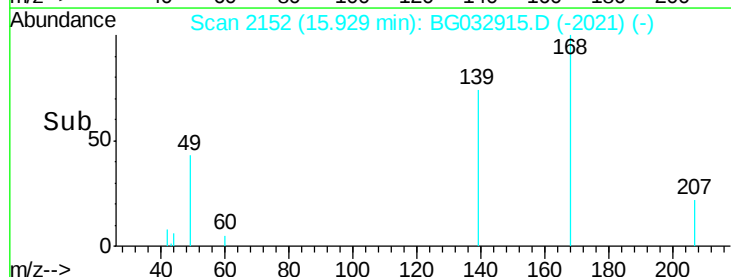
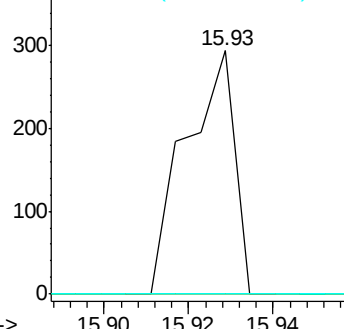
65 0.0 97.2 137.2#

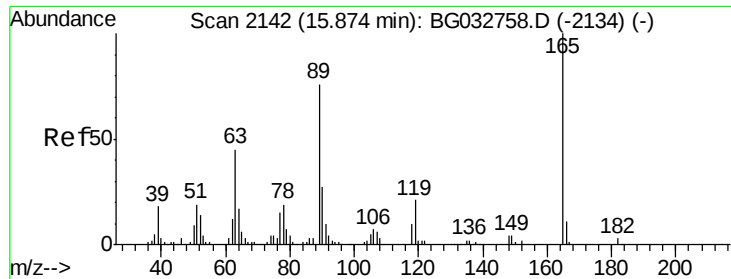


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

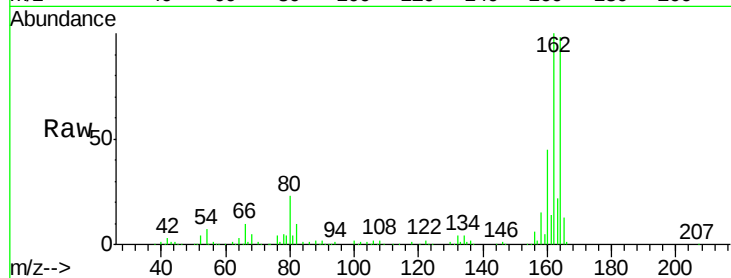




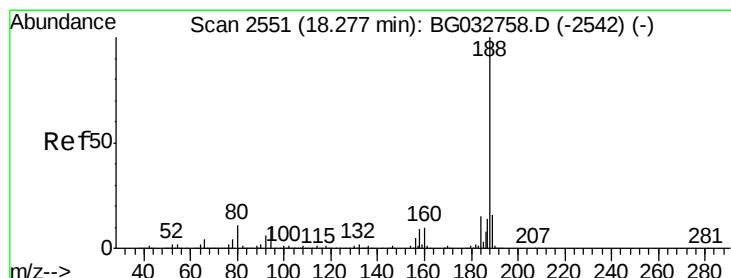
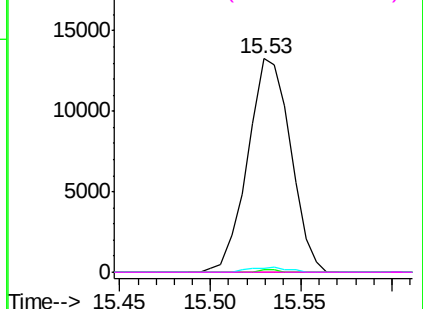
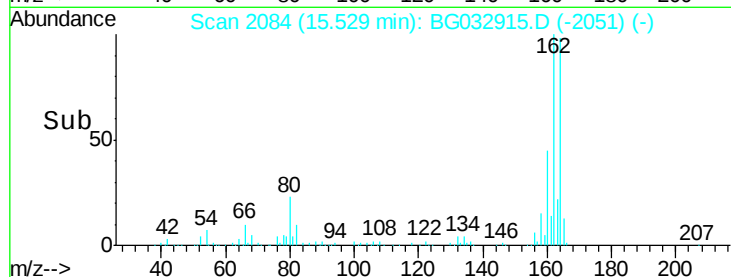
#56
 2,4-Dinitrotoluene
 Concen: 14.641 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.34 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21800
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

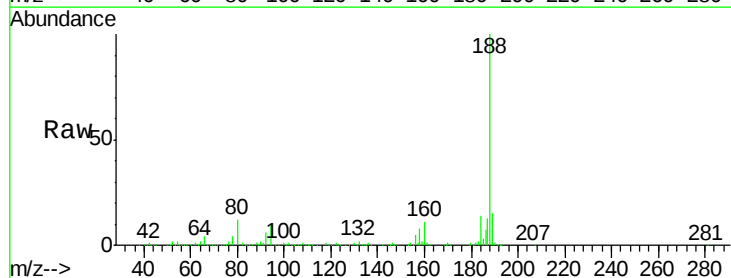


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

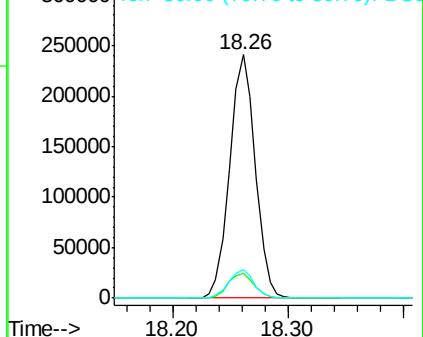
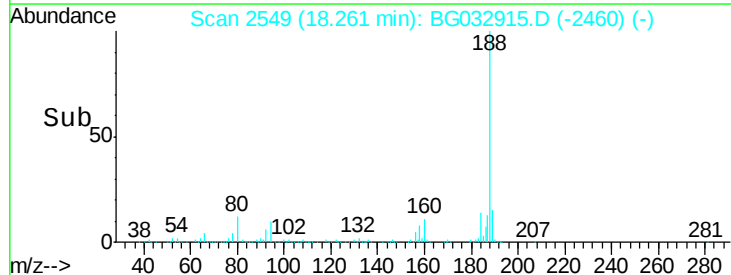


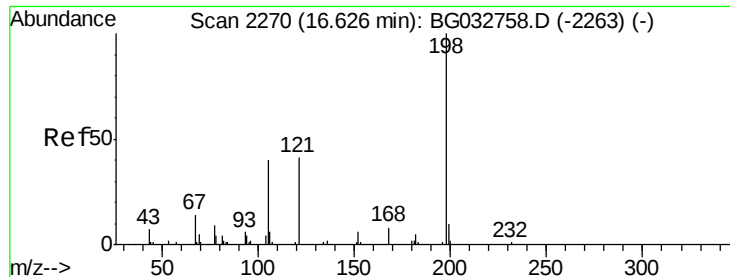
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Tgt Ion:188 Resp: 369251
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.9 10.3
 80 11.7 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: 6.224 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampleId :

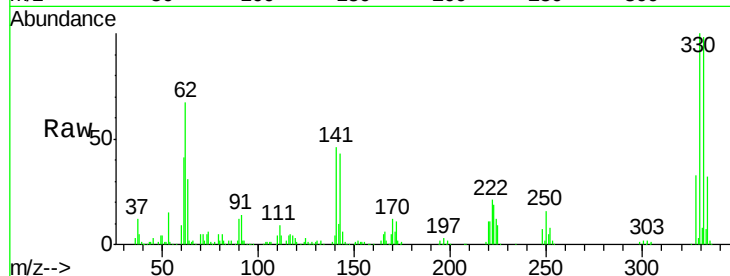
Tot Ion:198 Resp: 1112

Ion Ratio Lower Upper

198 100

51 147.7 30.6 70.6#

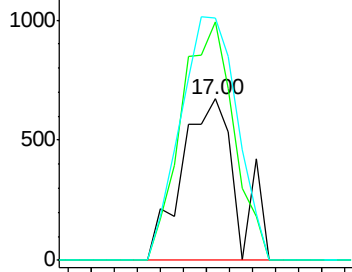
105 149.9 23.8 63.8#



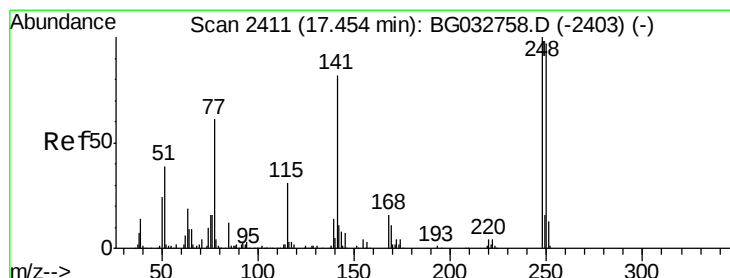
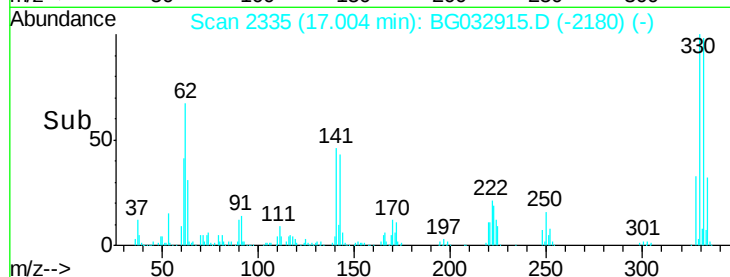
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.845 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.44 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

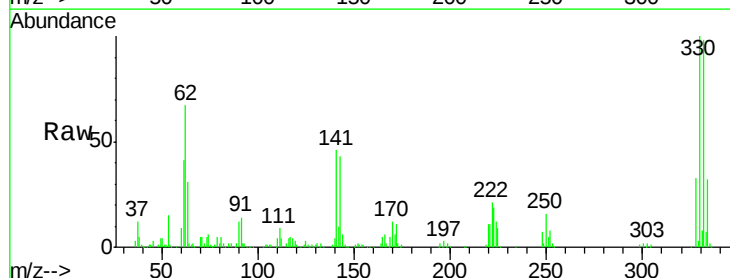
Tgt Ion:248 Resp: 18916

Ion Ratio Lower Upper

248 100

250 209.0 77.1 115.7#

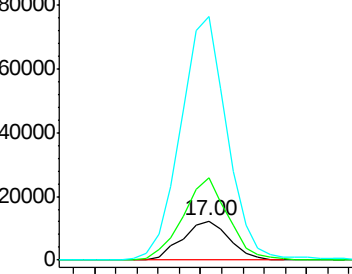
141 621.0 50.8 76.2#



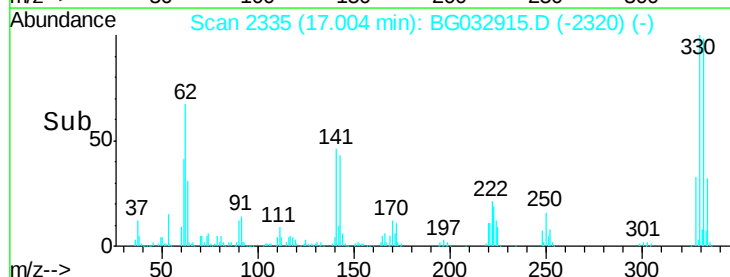
Abundance Ion 248.00 (247.70 to 248.70): E

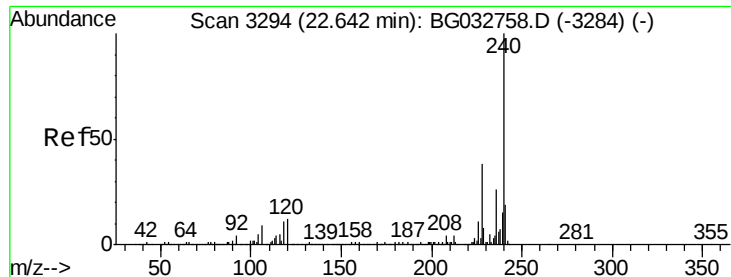
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

Instrument :

BNA_G

ClientSampled :

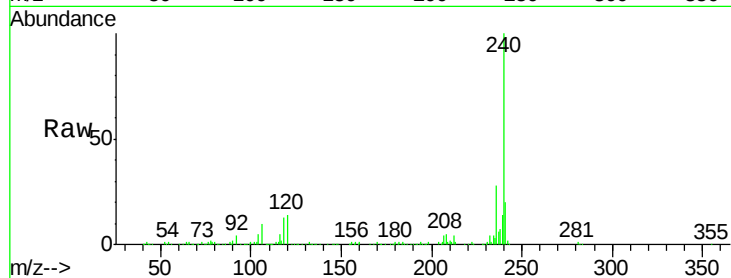
Tot Ion:240 Resp: 331394

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

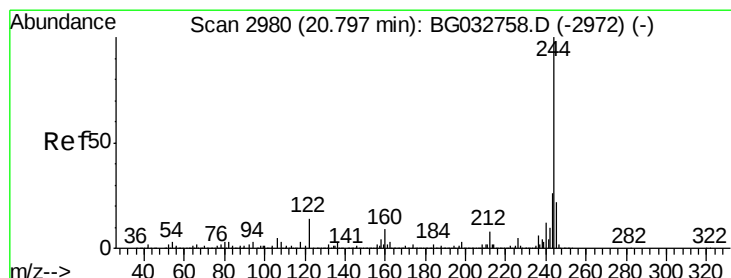
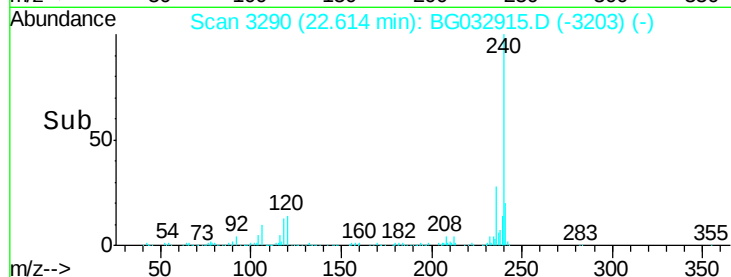
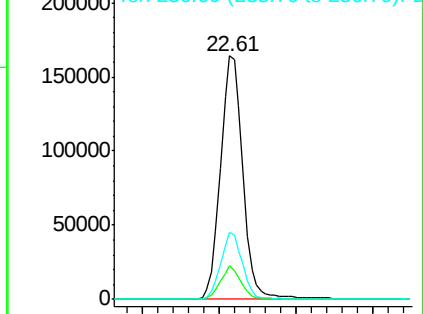
236 27.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 112.554 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032915.D

Acq: 1 Mar 2018 9:41

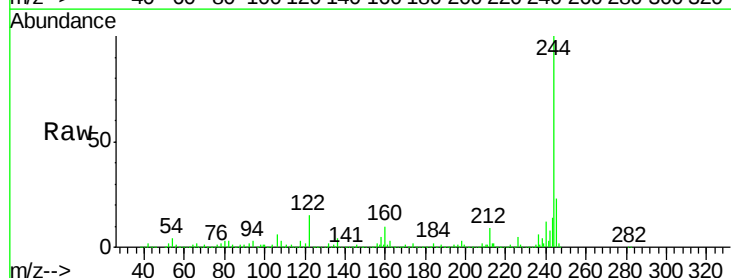
Tgt Ion:244 Resp: 1660182

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

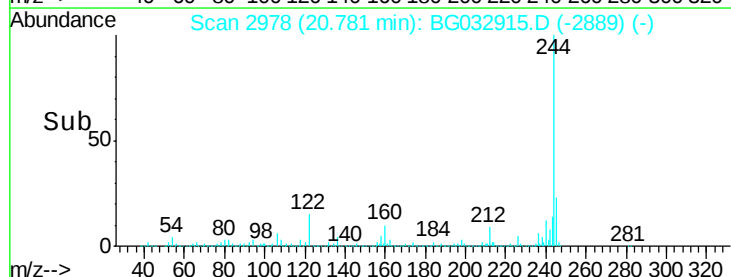
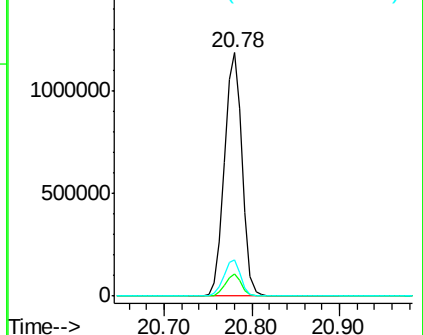
122 15.0 7.0 10.4#

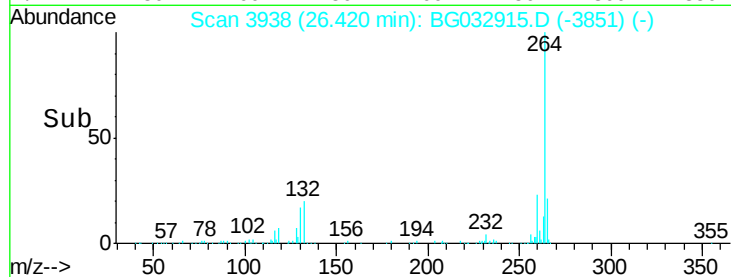
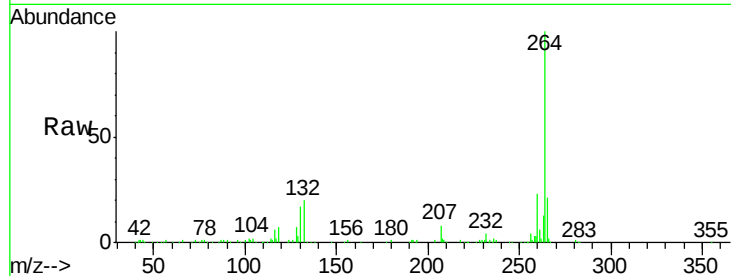
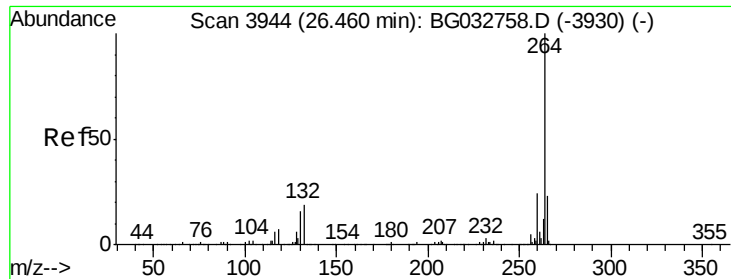


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3938
 Delta R.T. -0.02 min
 Lab File: BG032915.D
 Acq: 1 Mar 2018 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.3	17.7	26.5

