

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012318\
 Data File : BG032255.D
 Acq On : 24 Jan 2018 10:34
 Operator : SJ/JU
 Sample : J1250-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-12(0-2)

Quant Time: Jan 24 11:11:07 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

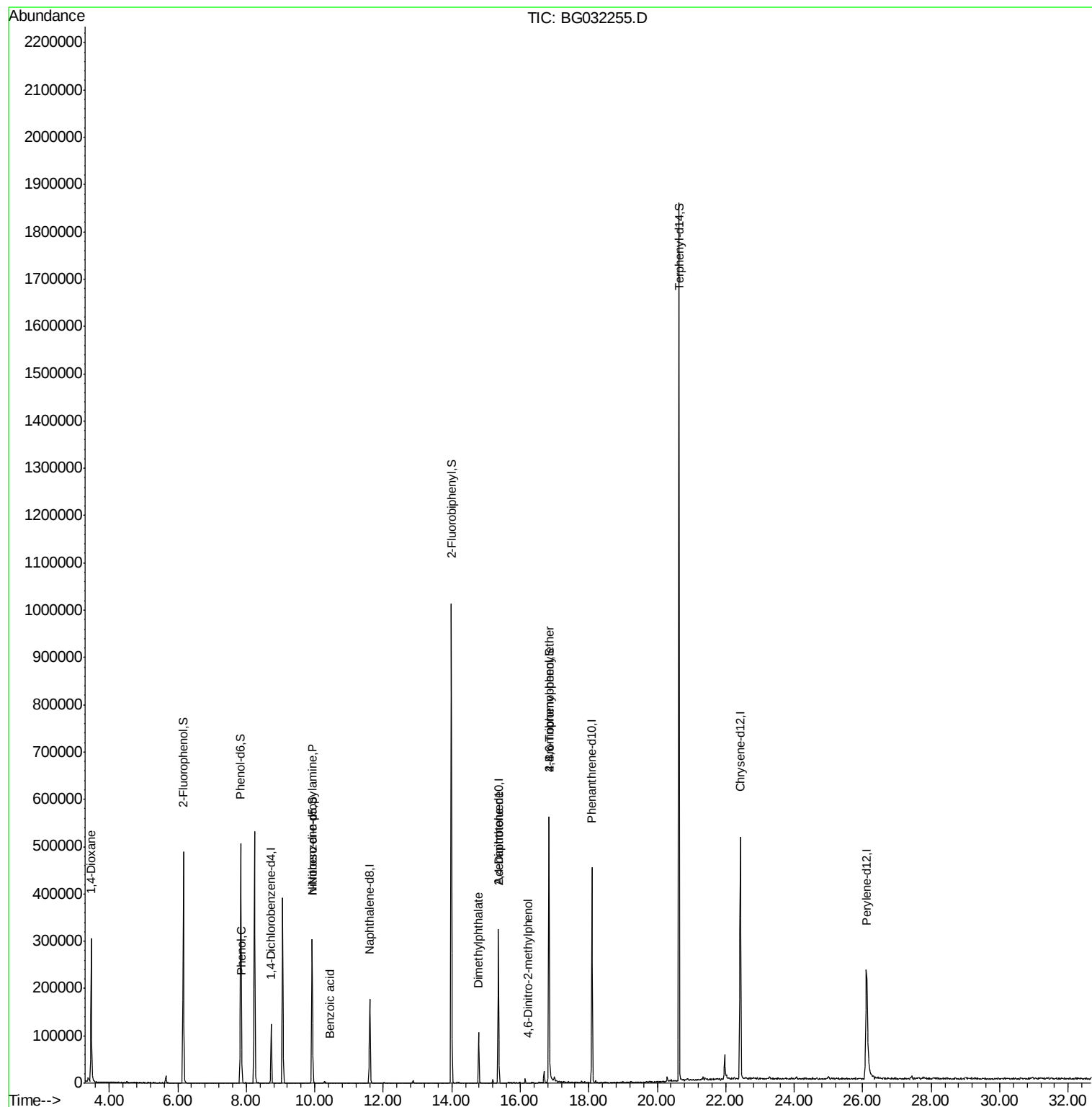
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39892	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	175582	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	121648	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	306156	20.00	ng	0.00
75) Chrysene-d12	22.42	240	396591	20.00	ng	0.00
86) Perylene-d12	26.12	264	402832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	246385	112.96	ng	0.00
7) Phenol-d6	7.84	99	314363	114.44	ng	0.00
23) Nitrobenzene-d5	9.92	82	189747	73.11	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	138232	68.67	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	587980	59.93	ng	0.00
78) Terphenyl-d14	20.63	244	996433	55.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.47	88	3481	4.154	ng	Qvalue
10) Phenol	7.86	94	15346	5.671	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	26433	15.508	ng	# 89
32) Benzoic acid	10.44	122	55	5.281	ng	# 79
49) Dimethylphthalate	14.79	163	80192	7.533	ng	# 1
56) 2,4-Dinitrotoluene	15.36	165	16262	5.467	ng	# 99
64) 4,6-Dinitro-2-methylphenol	16.22	198	55	4.910	ng	# 17
66) 4-Bromophenyl-phenylether	16.84	248	12007	2.756	ng	# 29

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

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BNA_G
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AB-12(0-2)

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



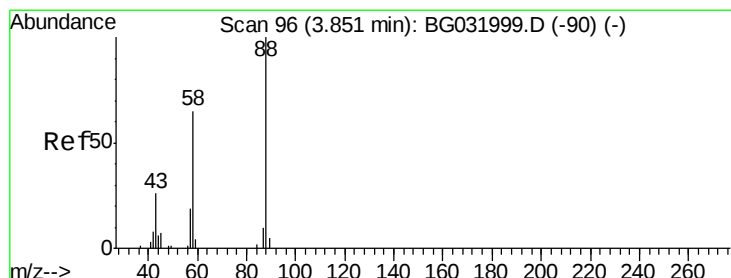
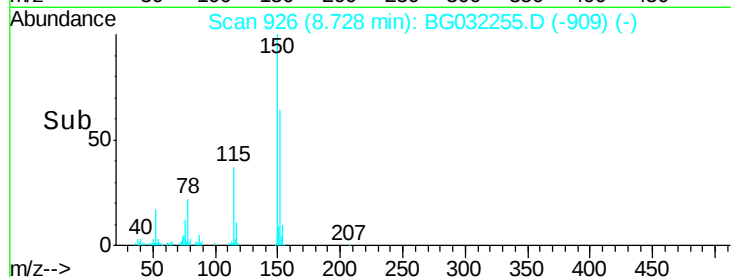
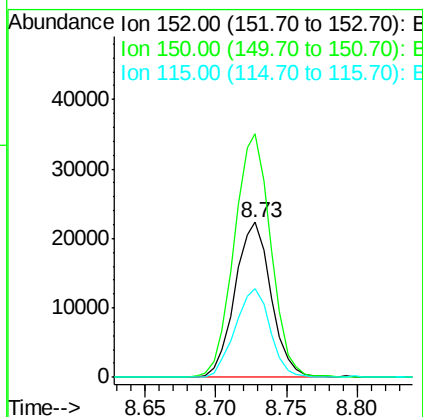
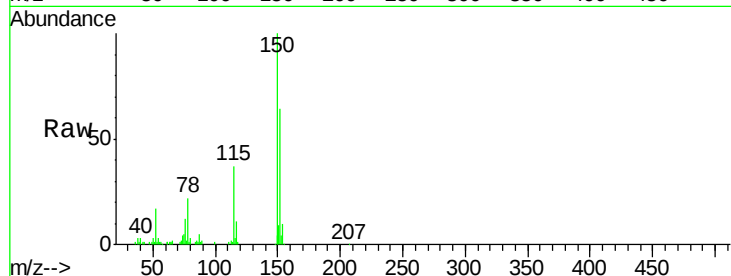


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

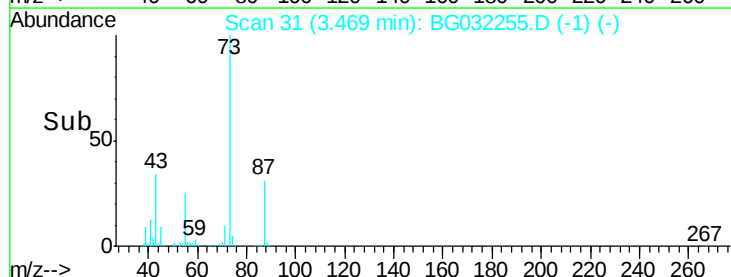
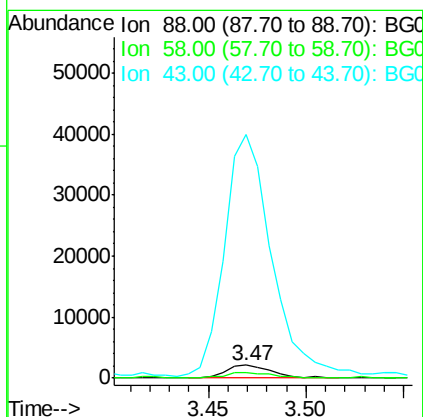
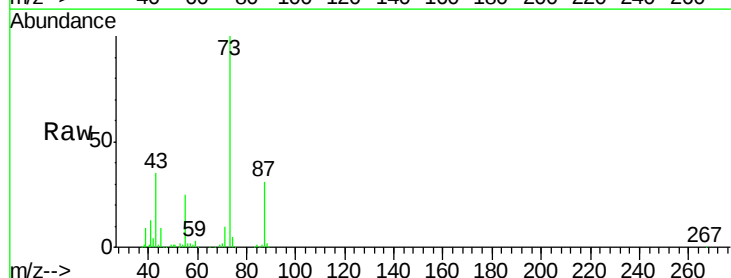
Tgt Ion:152 Resp: 39892
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 57.7 53.0 79.4

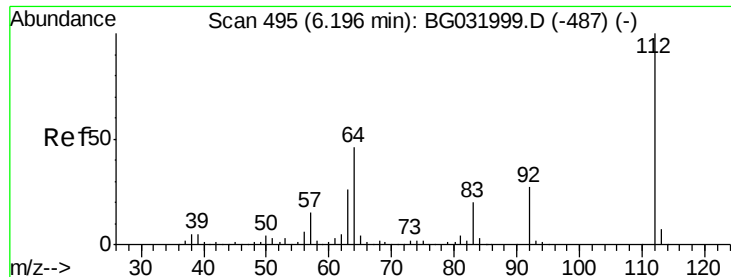


#2

1,4-Dioxane
Concen: 4.154 ng
RT: 3.47 min Scan# 31
Delta R.T. -0.35 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Tgt Ion: 88 Resp: 3481
Ion Ratio Lower Upper
88 100
58 40.8 79.6 119.4#
43 1892.3 27.4 41.0#





#5

2-Fluorophenol

Concen: 112.960 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

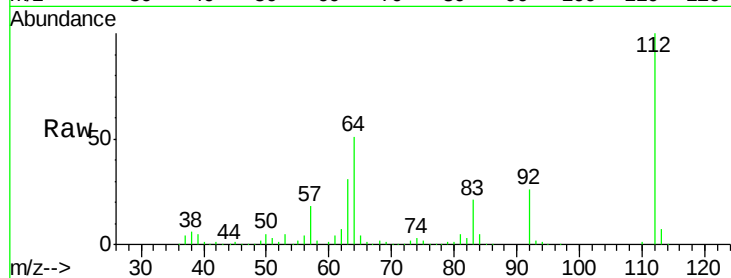
Tgt Ion: 112 Resp: 246385

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

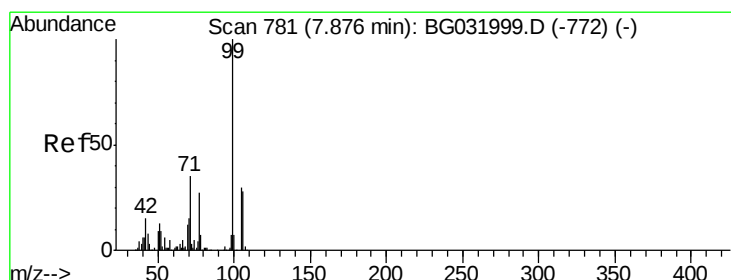
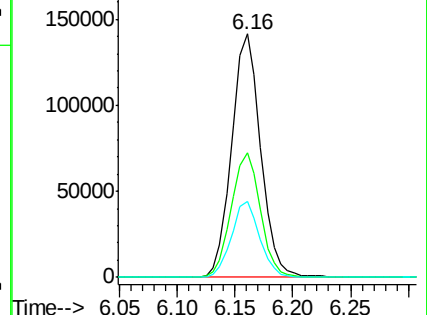
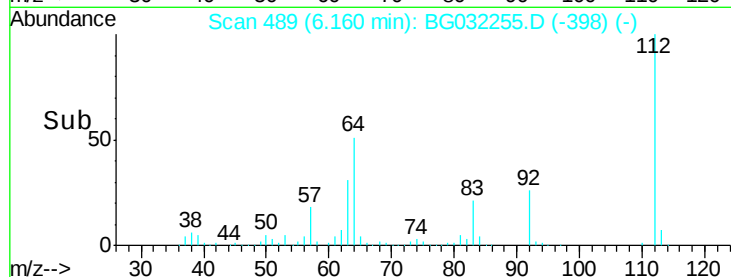
63 31.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 114.437 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

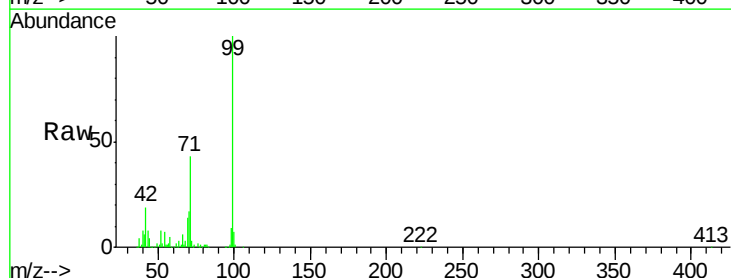
Tgt Ion: 99 Resp: 314363

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

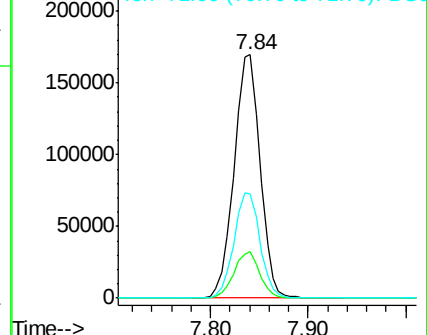
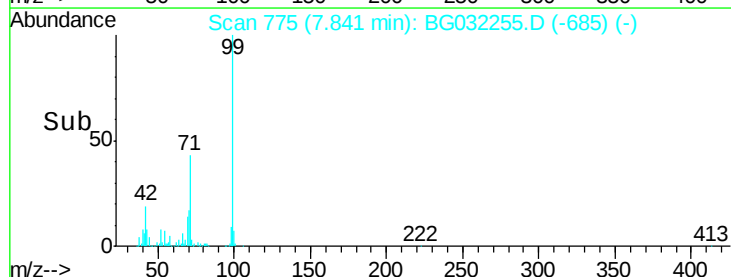
71 42.6 26.1 39.1#

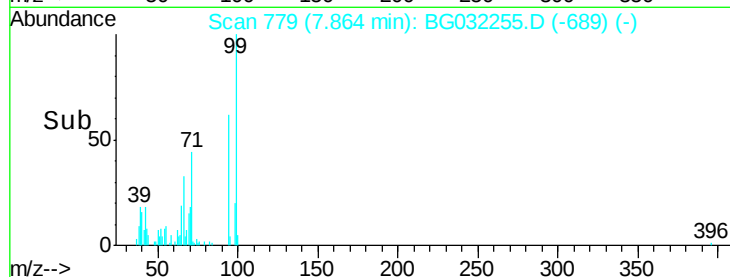
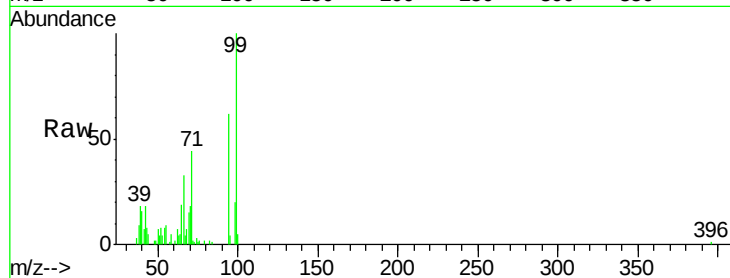
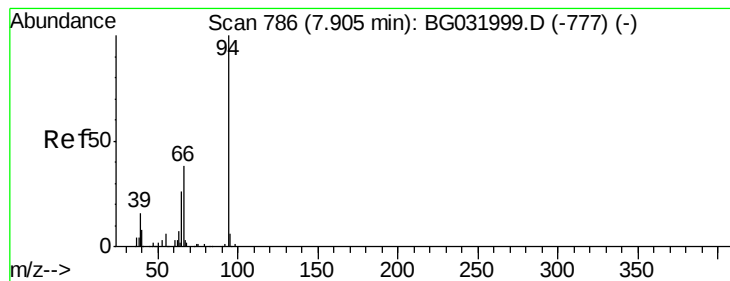


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 5.671 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

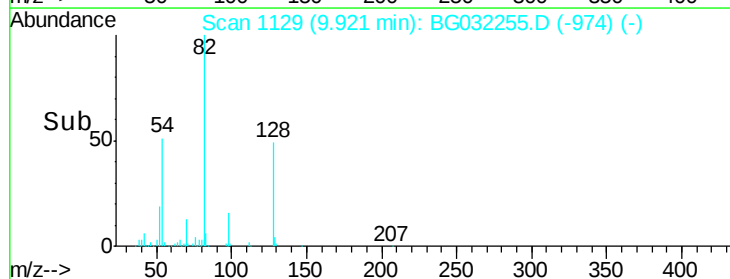
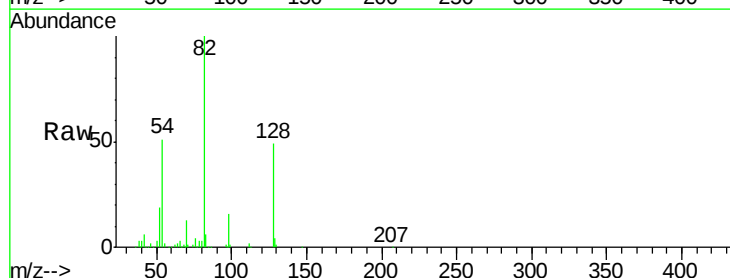
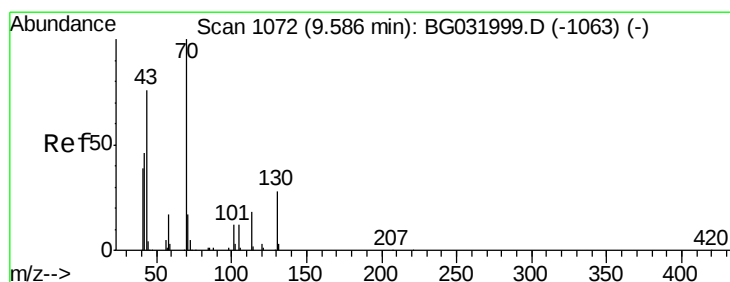
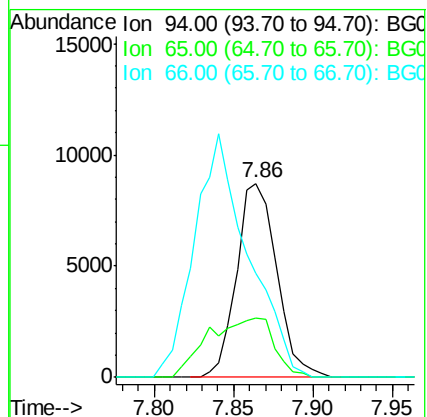
Tgt Ion: 94 Resp: 15346

Ion Ratio Lower Upper

94 100

65 30.8 11.9 51.9

66 53.5 22.2 62.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.508 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Tgt Ion: 70 Resp: 26433

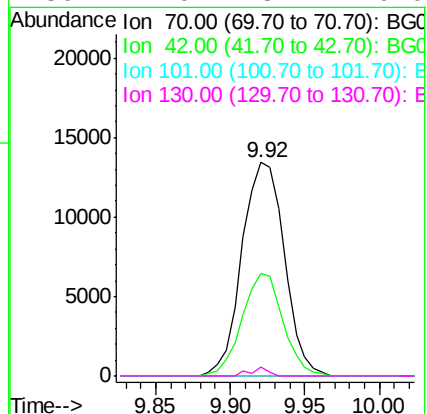
Ion Ratio Lower Upper

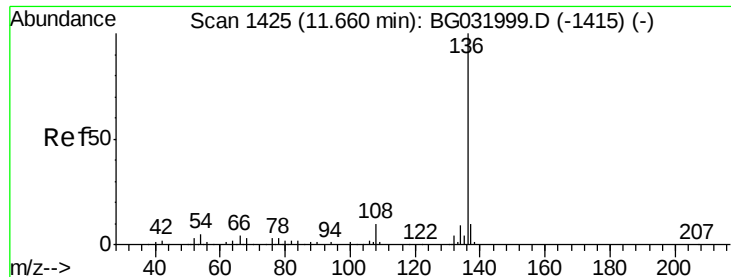
70 100

42 48.1 49.1 73.7#

101 0.0 8.5 12.7#

130 4.0 13.4 20.0#

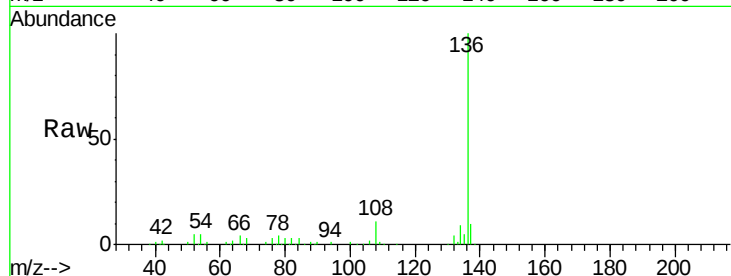




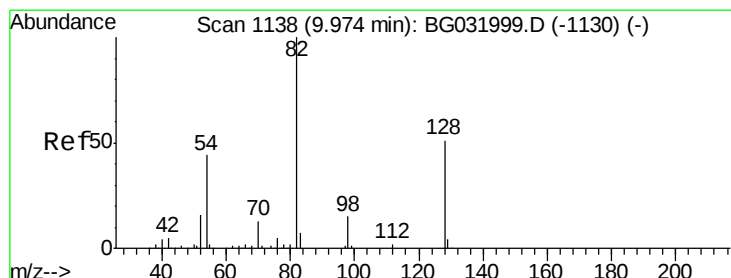
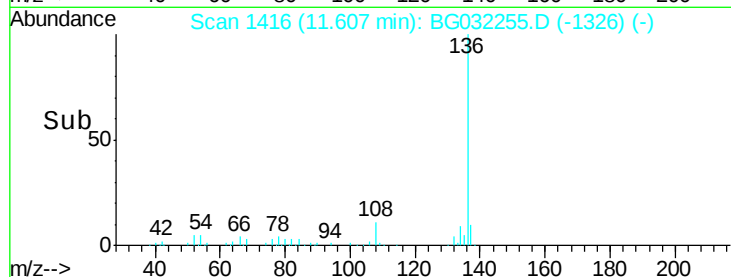
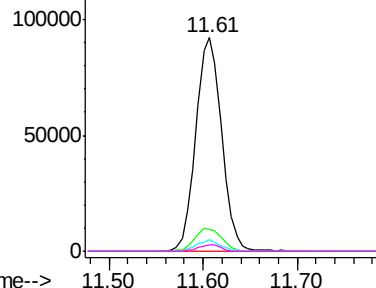
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

Tgt Ion:	136	Resp:	175582
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	5.2	10.3	15.5#
68	2.8	4.5	6.7#

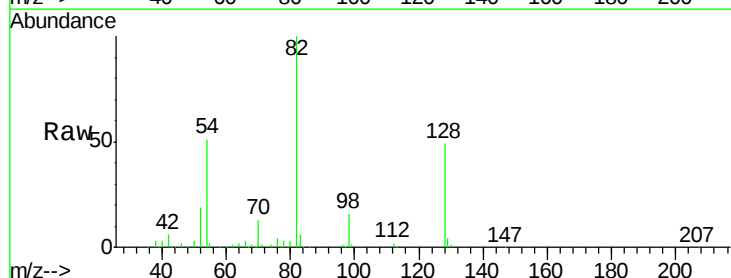


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

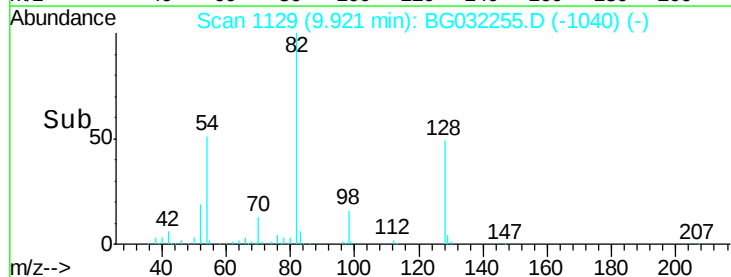
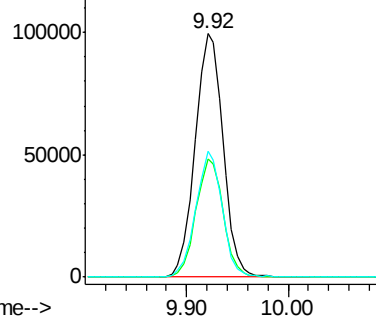


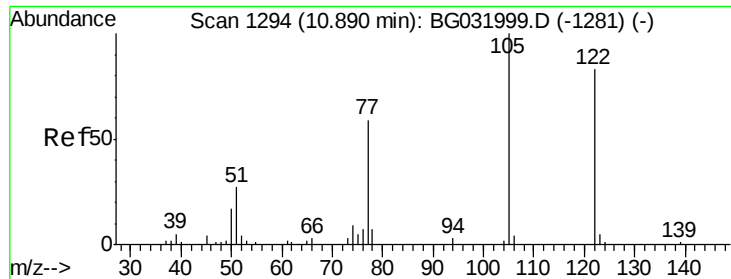
#23
Nitrobenzene-d5
Concen: 73.112 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG032255.D
Acq: 24 Jan 2018 10:34

Tgt Ion:	82	Resp:	189747
Ion	Ratio	Lower	Upper
82	100		
128	48.8	29.7	44.5#
54	51.5	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





#32

Benzoic acid

Concen: 5.281 ng

RT: 10.44 min Scan# 1218

Delta R.T. -0.42 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

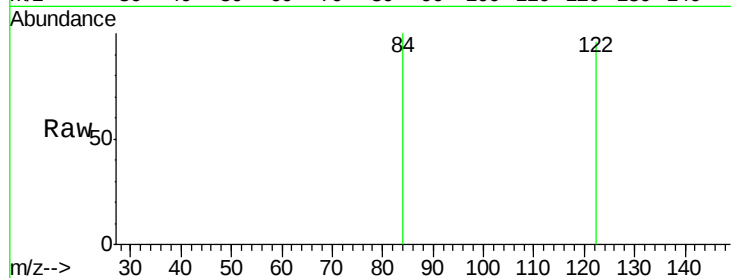
BNA_G

ClientSampleId :

AB-12(0-2)

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#

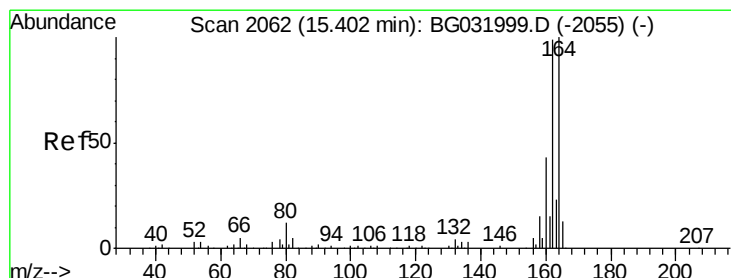
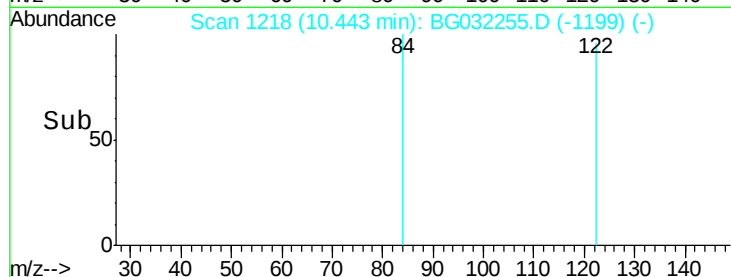
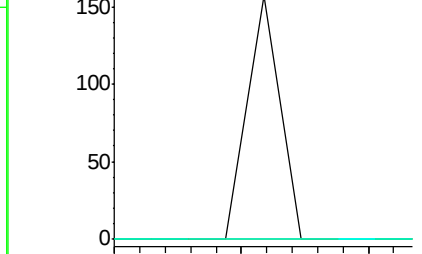


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

10.44



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

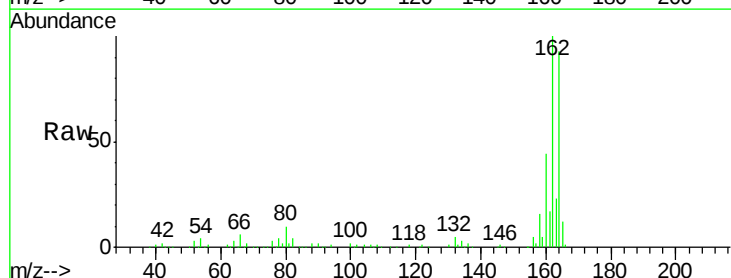
Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Tgt Ion:164 Resp: 121648

Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.8	118.2
160	47.7	35.4	53.0

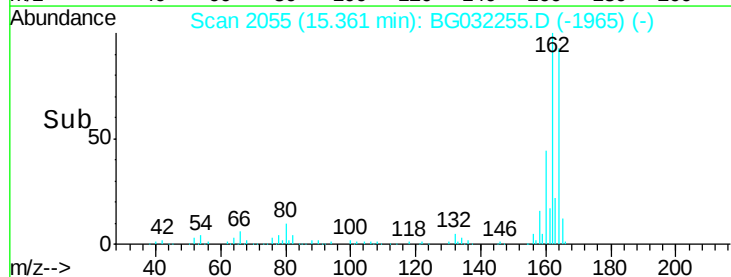
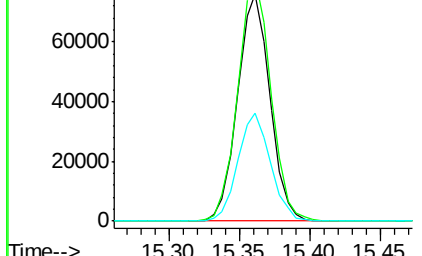


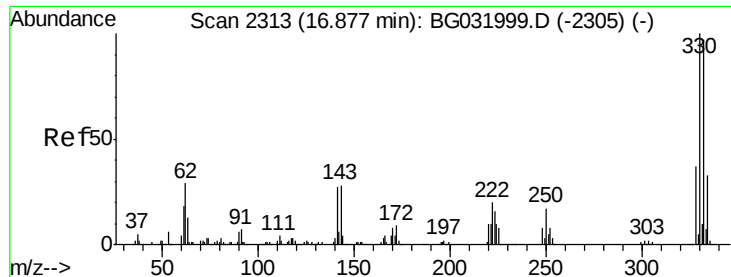
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.36

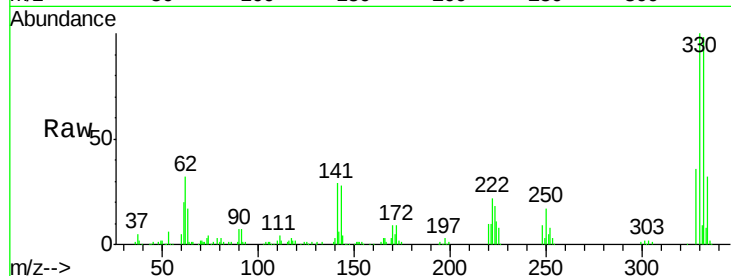




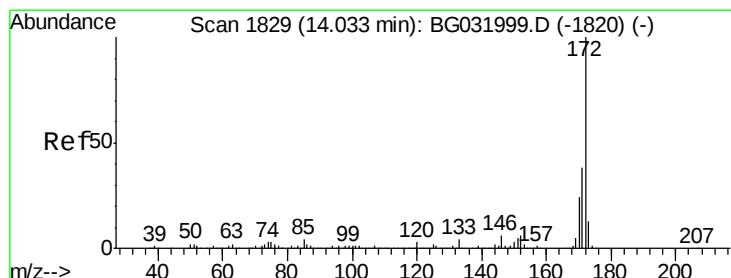
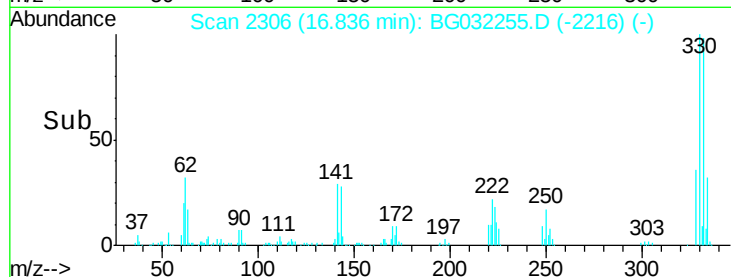
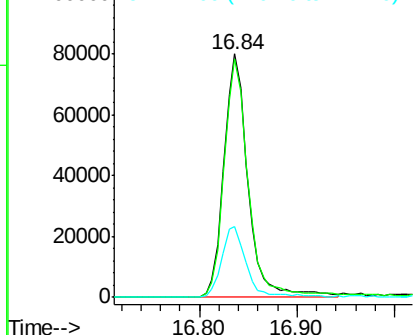
#41
 2,4,6-Tribromophenol
 Concen: 68.670 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Instrument :
 BNA_G
 ClientSampled :
 AB-12(0-2)

Tgt Ion:330 Resp: 138232
 Ion Ratio Lower Upper
 330 100
 332 99.9 77.0 115.6
 141 28.4 25.2 37.8

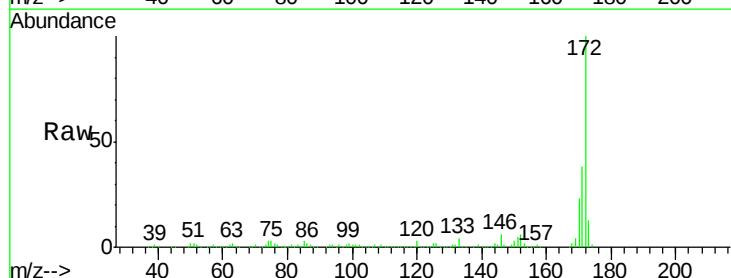


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

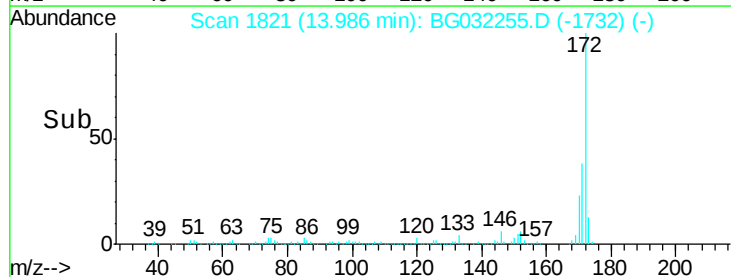
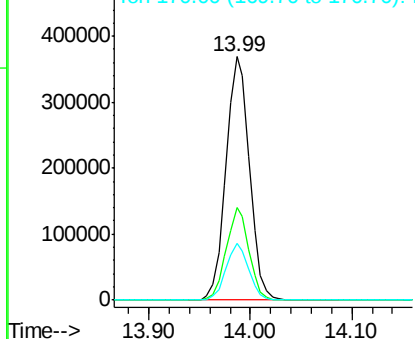


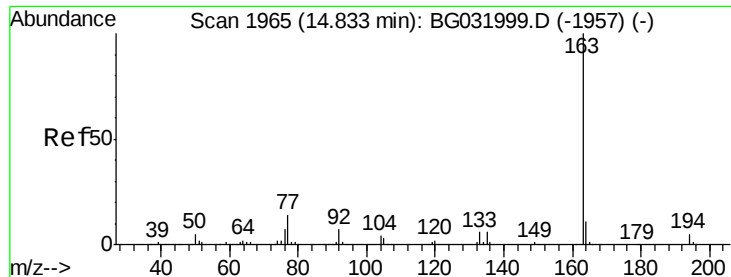
#44
 2-Fluorobiphenyl
 Concen: 59.932 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Tgt Ion:172 Resp: 587980
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.5 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





#49

Dimethylphthalate

Concen: 7.533 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

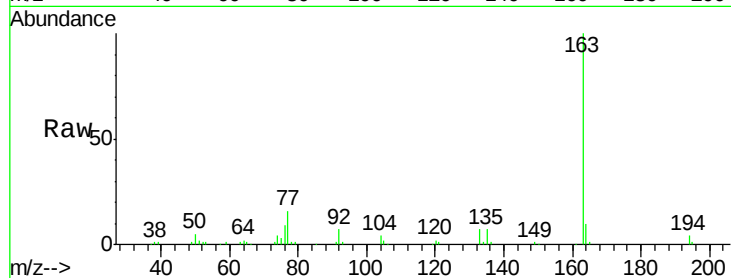
Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

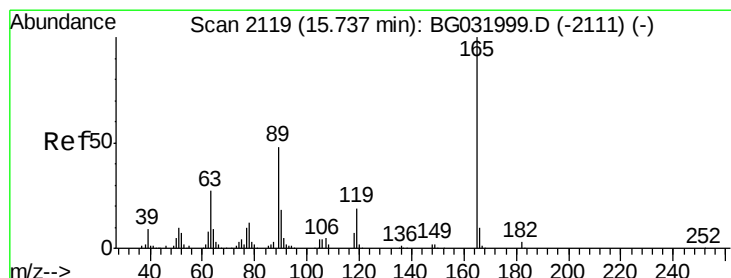
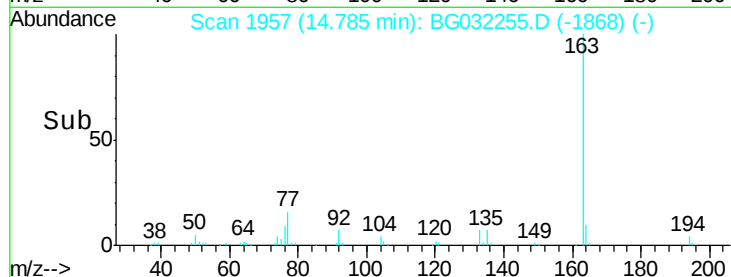
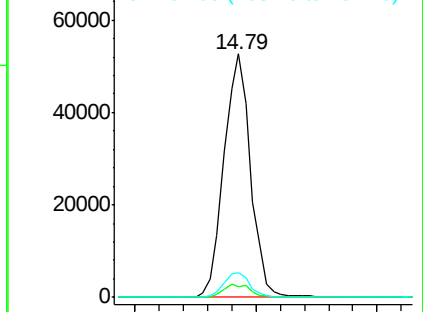
Tgt Ion:	163	Resp:	80192
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.0	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.467 ng

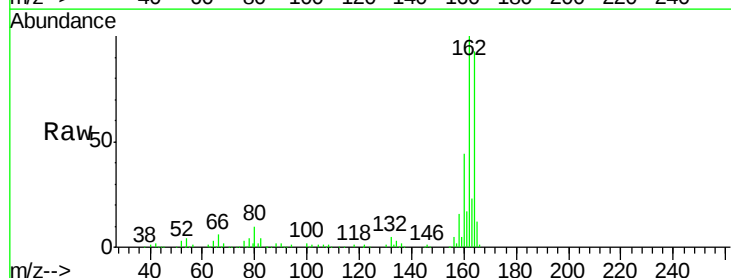
RT: 15.36 min Scan# 2055

Delta R.T. -0.34 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Tgt Ion:	165	Resp:	16262
Ion Ratio	Lower	Upper	
165	100		
63	1.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

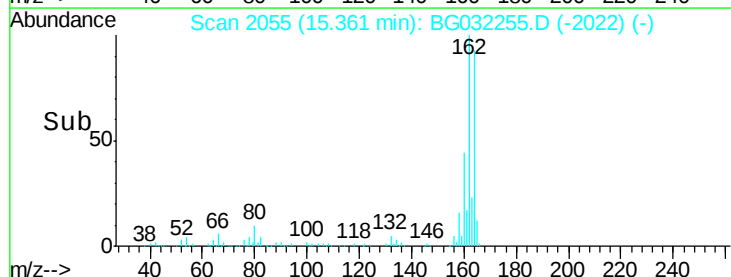
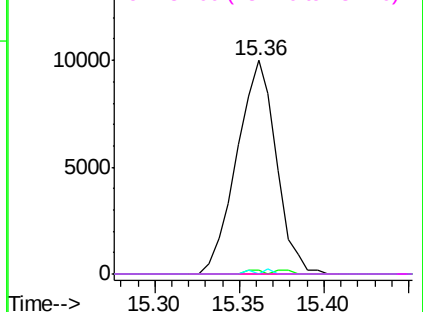


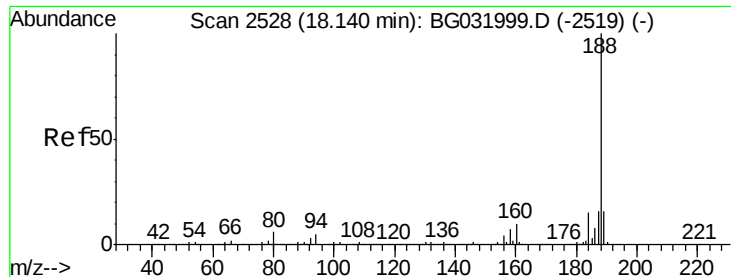
Abundance Ion 165.00 (164.70 to 165.70): E

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

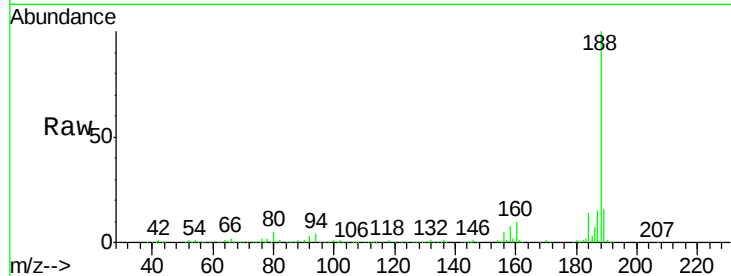




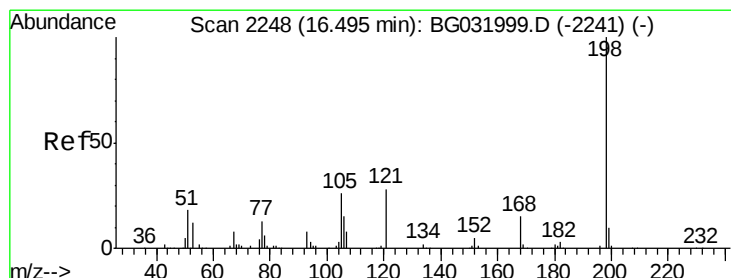
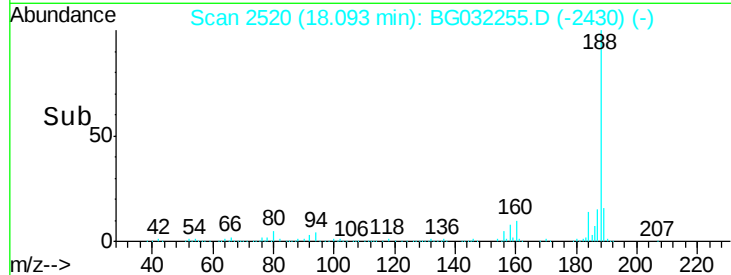
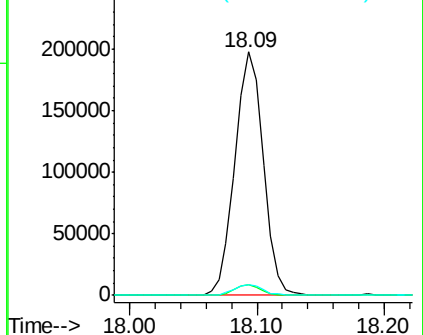
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Instrument :
 BNA_G
 ClientSampleId :
 AB-12(0-2)

Tgt Ion:188 Resp: 306156
 Ion Ratio Lower Upper
 188 100
 94 4.3 6.9 10.3#
 80 4.6 7.7 11.5#

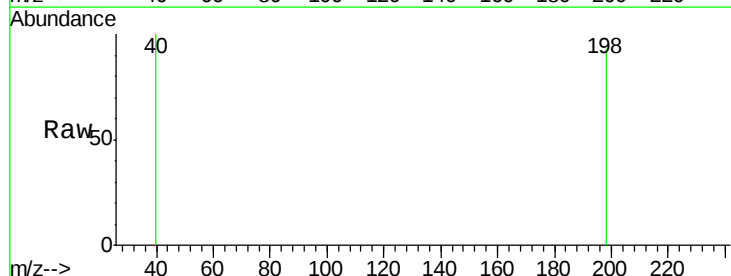


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

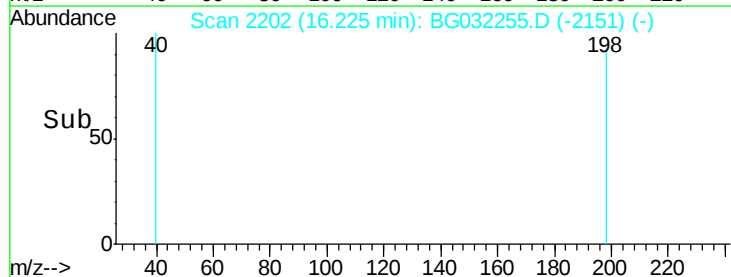
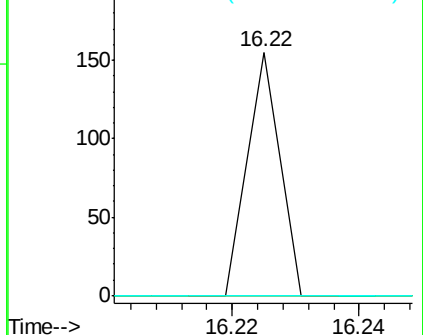


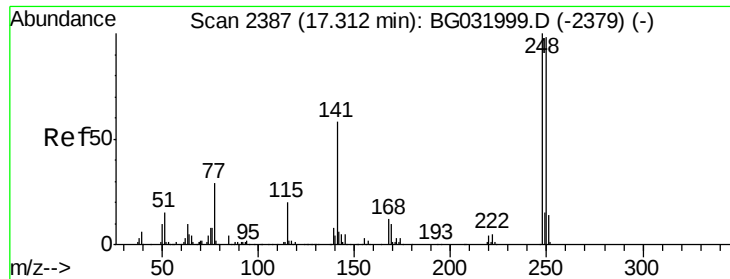
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.910 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.23 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Tgt Ion:198 Resp: 55
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



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

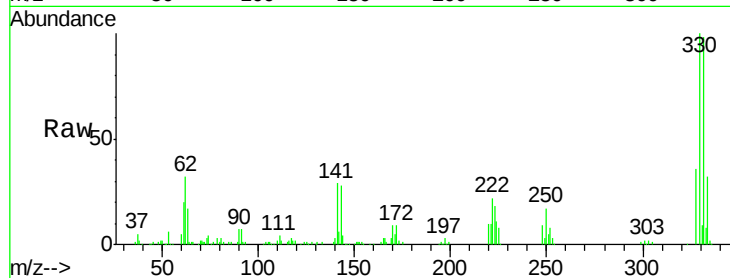




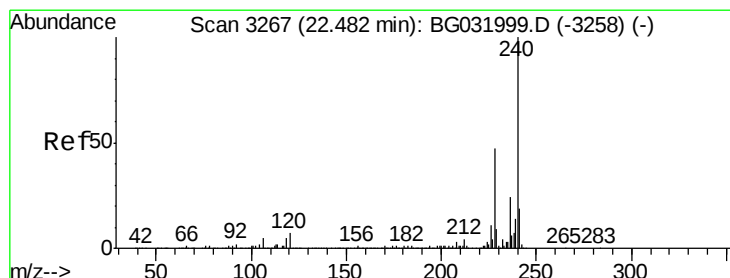
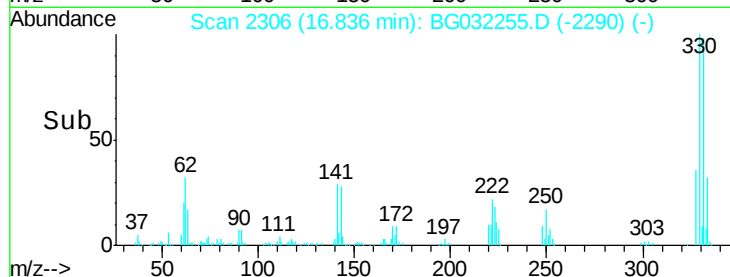
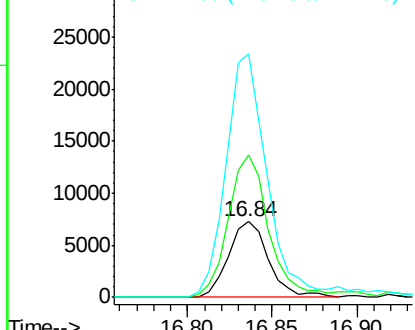
#66
 4-Bromophenyl-phenylether
 Concen: 2.756 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.44 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Instrument :
 BNA_G
 ClientSampleId :
 AB-12(0-2)

Tgt Ion:248 Resp: 12007
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.1 115.7#
 141 323.3 50.8 76.2#

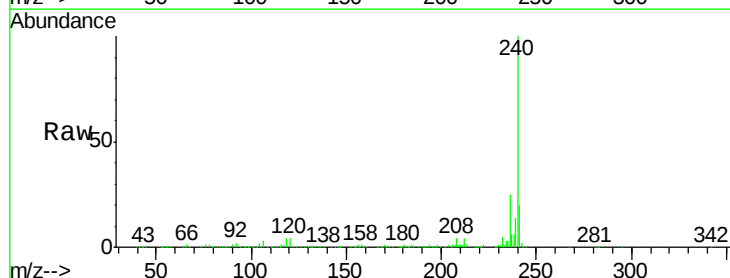


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

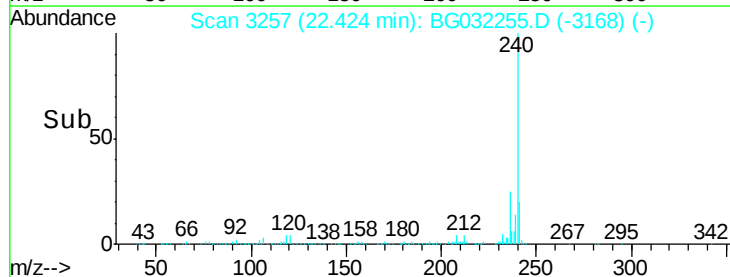
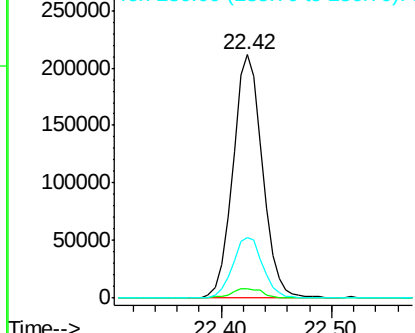


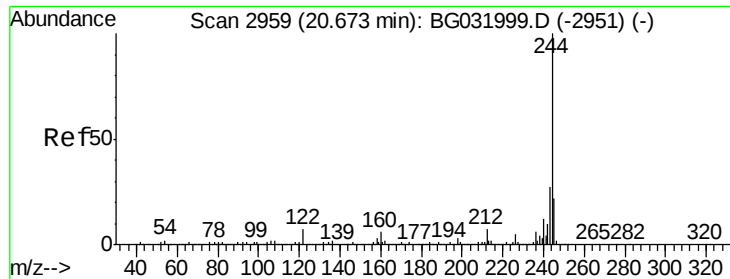
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.01 min
 Lab File: BG032255.D
 Acq: 24 Jan 2018 10:34

Tgt Ion:240 Resp: 396591
 Ion Ratio Lower Upper
 240 100
 120 4.1 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





#78

Terphenyl-d14

Concen: 55.477 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

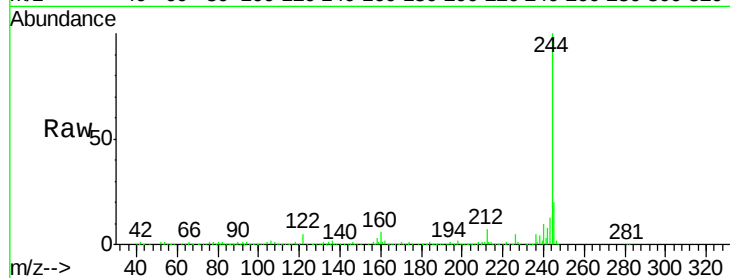
Tgt Ion:244 Resp: 996433

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

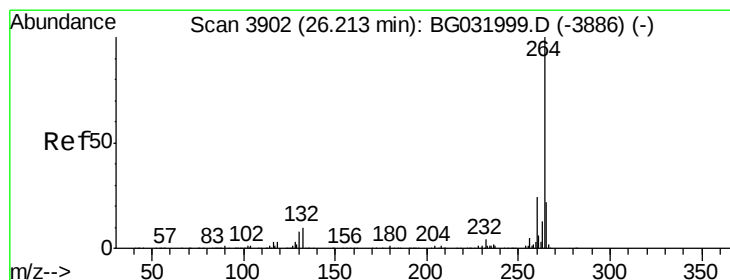
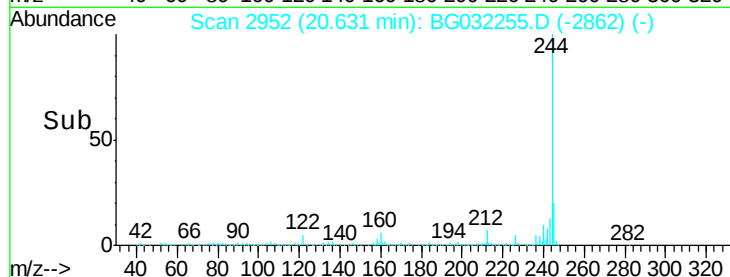
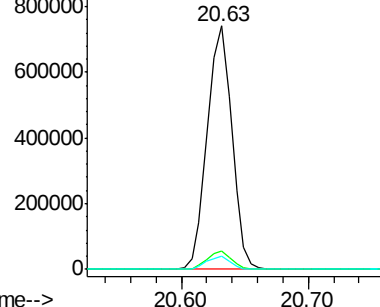
122 5.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.12 min Scan# 3886

Delta R.T. -0.00 min

Lab File: BG032255.D

Acq: 24 Jan 2018 10:34

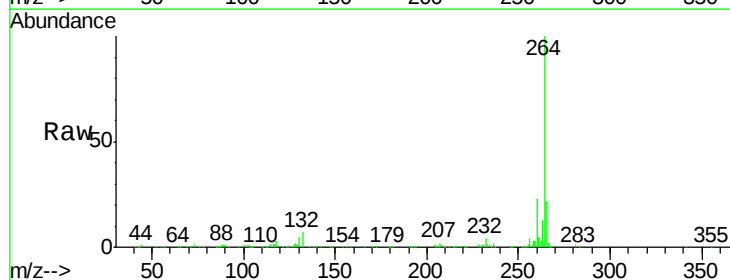
Tgt Ion:264 Resp: 402832

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

