

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032195.D
 Acq On : 21 Jan 2018 00:57
 Operator : SJ/JU
 Sample : J1231-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 02:07:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

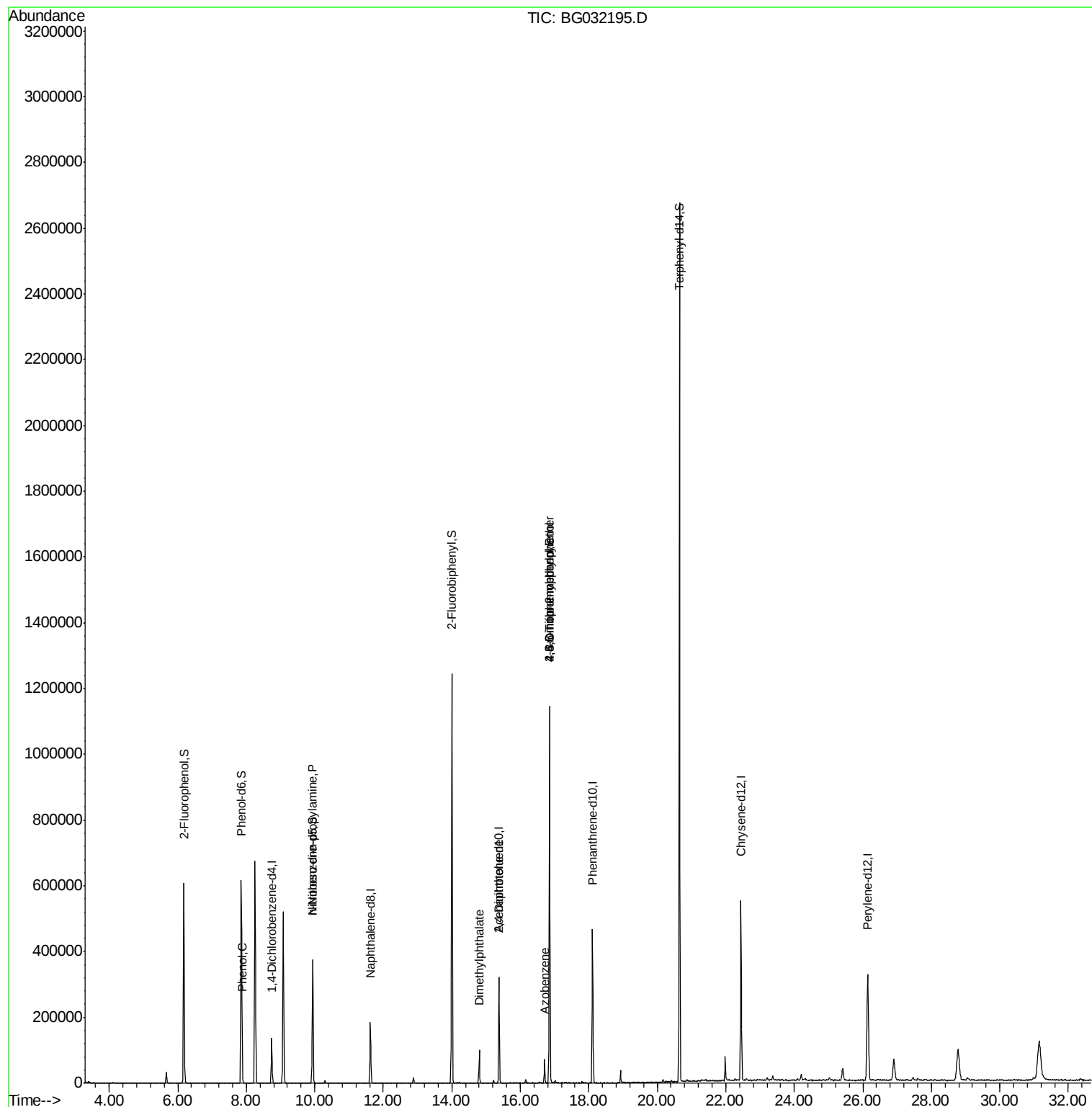
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46192	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	178388	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	120197	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	315256	20.00	ng	0.00
75) Chrysene-d12	22.45	240	418657	20.00	ng	0.00
86) Perylene-d12	26.14	264	437315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	312334	123.67	ng	0.00
7) Phenol-d6	7.85	99	388691	122.20	ng	0.00
23) Nitrobenzene-d5	9.94	82	232077	88.02	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	257463	129.44	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	719822	74.26	ng	0.00
78) Terphenyl-d14	20.65	244	1411352	74.44	ng	0.00
Target Compounds						
10) Phenol	7.88	94	18136	5.788	ng	93
19) n-Nitroso-di-n-propylamine	9.94	70	33484	16.966	ng	# 73
49) Dimethylphthalate	14.80	163	78270	7.441	ng	99
56) 2,4-Dinitrotoluene	15.38	165	15392	5.237	ng	# 18
62) Azobenzene	16.71	77	19983	3.131	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.86	198	875	5.274	ng	# 59
66) 4-Bromophenyl-phenylether	16.85	248	22172	4.943	ng	# 1

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

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Instrument :
BNA_G
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Quant Time: Jan 22 02:07:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampled :

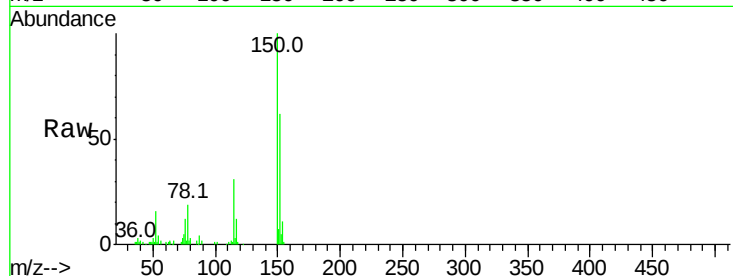
Tot Ion:152 Resp: 46192

Ion Ratio Lower Upper

152 100

150 161.6 126.6 189.8

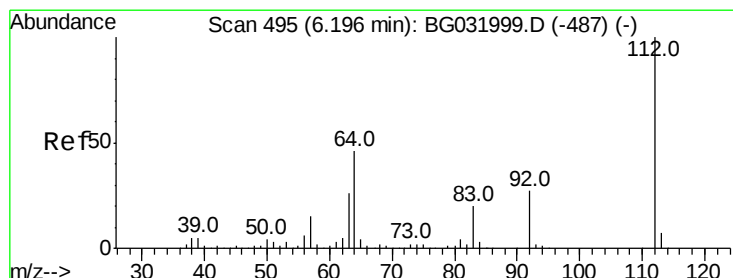
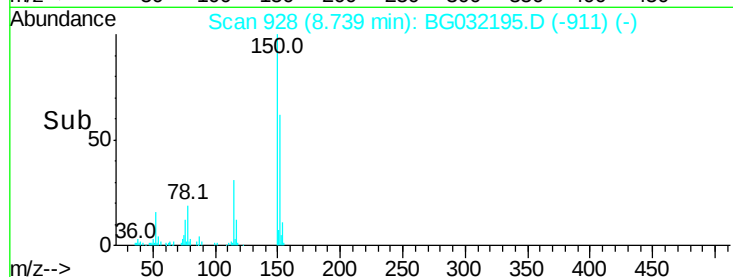
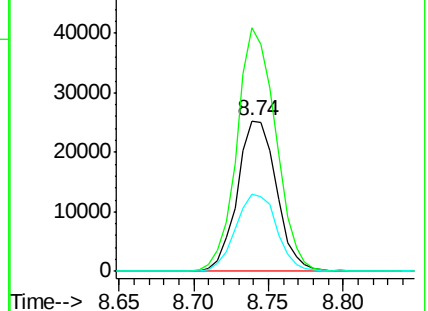
115 50.8 53.0 79.4#



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: 123.666 ng

RT: 6.18 min Scan# 492

Delta R.T. 0.01 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

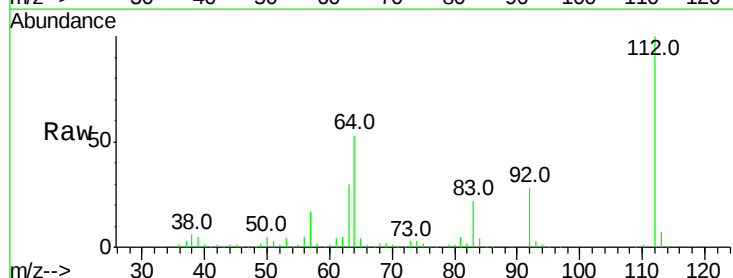
Tgt Ion:112 Resp: 312334

Ion Ratio Lower Upper

112 100

64 52.9 56.3 84.5#

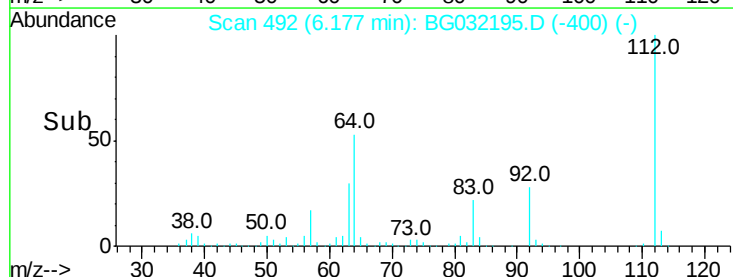
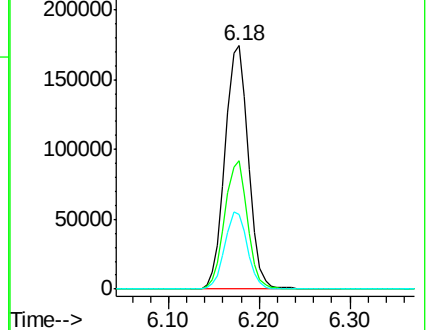
63 30.4 30.1 45.1

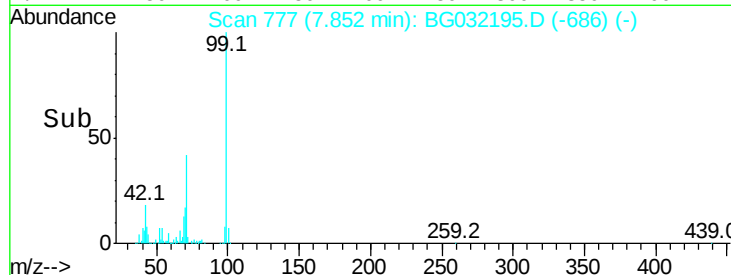
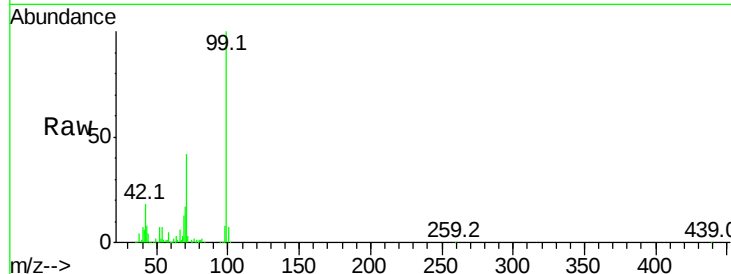
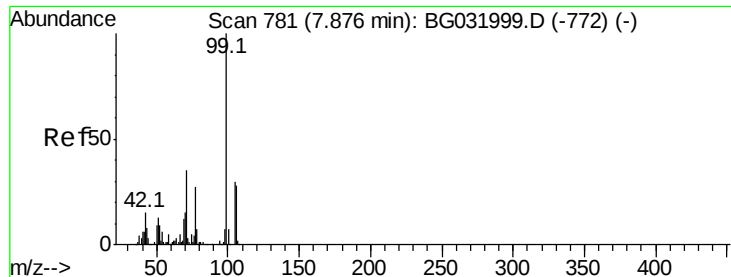


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.197 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampleId :

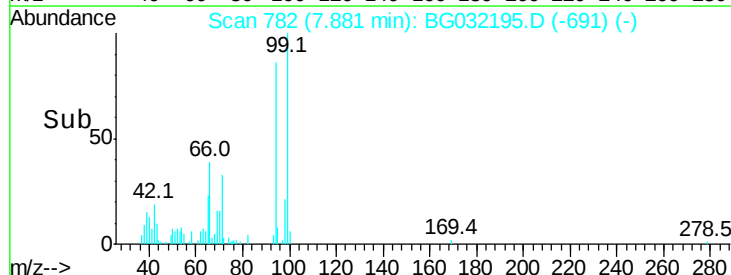
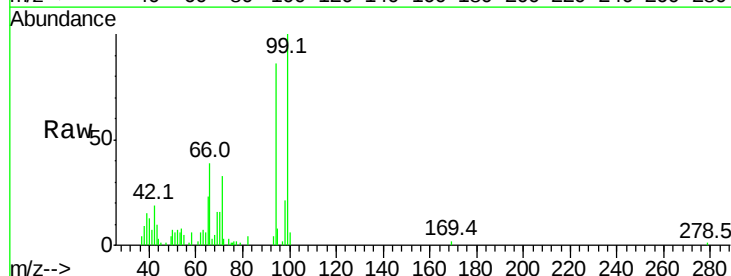
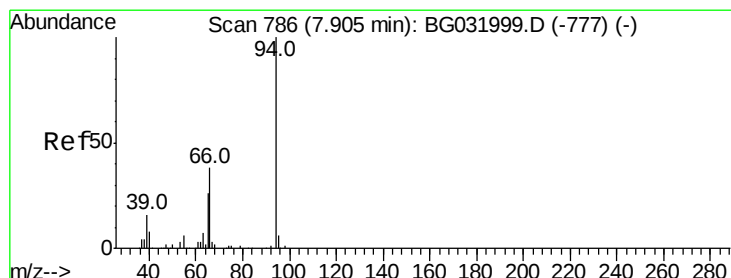
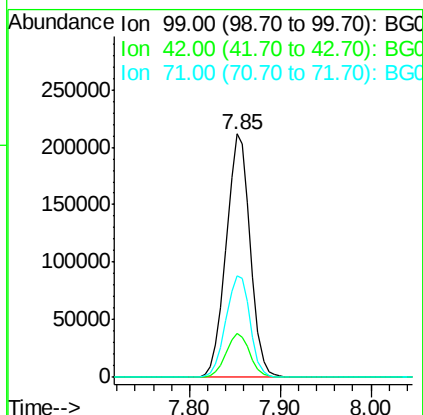
Tot Ion: 99 Resp: 388691

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

71 41.7 26.1 39.1#



#10

Phenol

Concen: 5.788 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

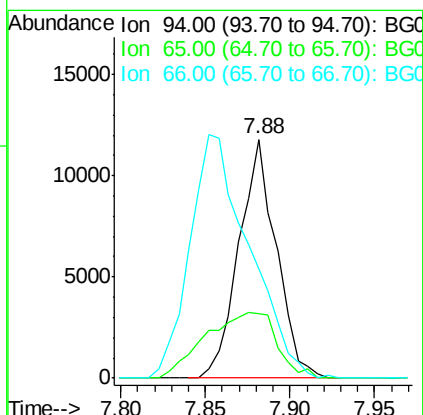
Tgt Ion: 94 Resp: 18136

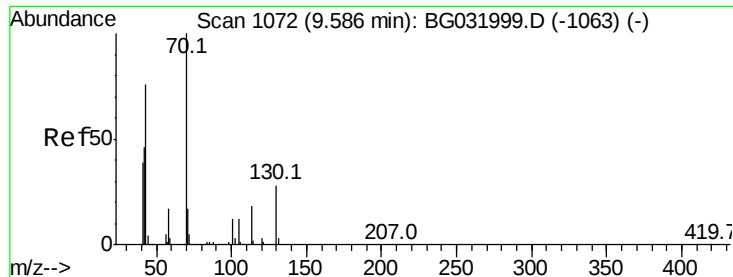
Ion Ratio Lower Upper

94 100

65 27.0 11.9 51.9

66 45.5 22.2 62.2

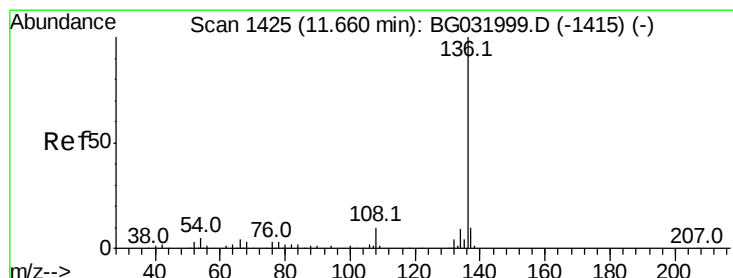
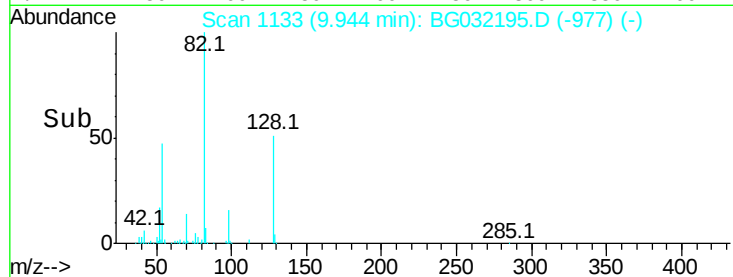
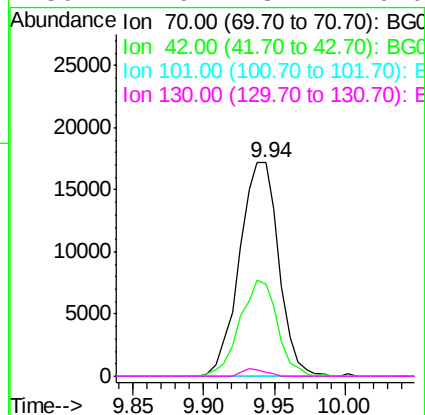
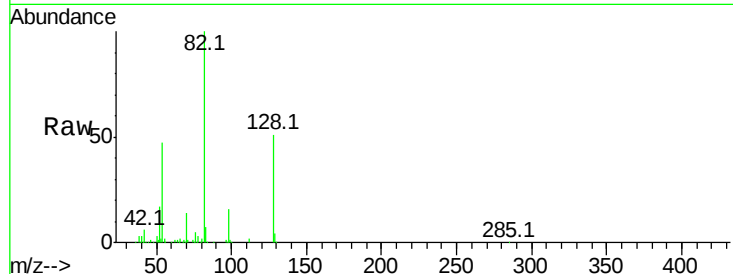




#19
n-Nitroso-di-n-propylamine
Concen: 16.966 ng
RT: 9.94 min Scan# 1133
Delta R.T. 0.38 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

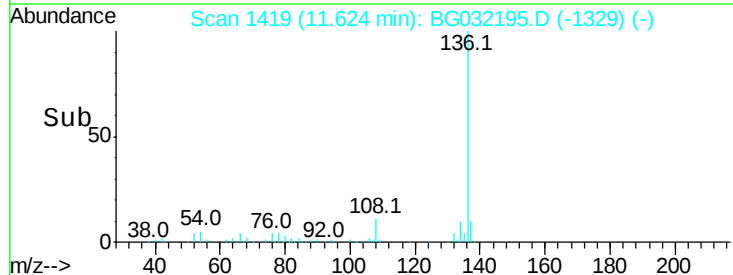
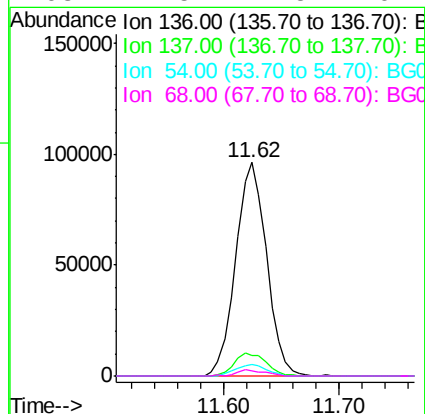
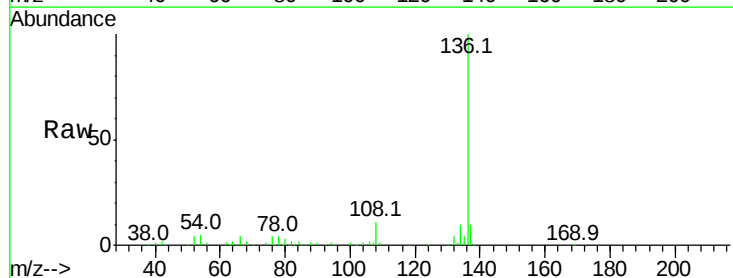
Instrument :
BNA_G
ClientSampleId :

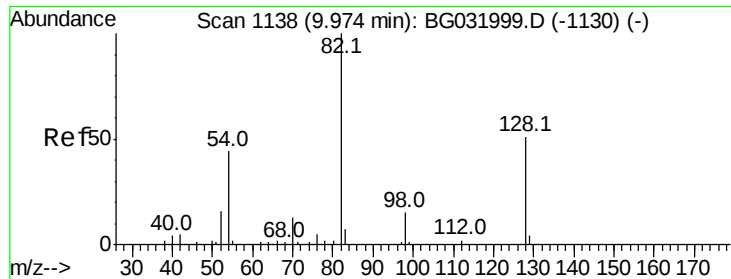
Tot Ion: 70 Resp: 33484
Ion Ratio Lower Upper
70 100
42 42.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion: 136 Resp: 178388
Ion Ratio Lower Upper
136 100
137 9.9 9.2 13.8
54 5.5 10.3 15.5#
68 2.5 4.5 6.7#

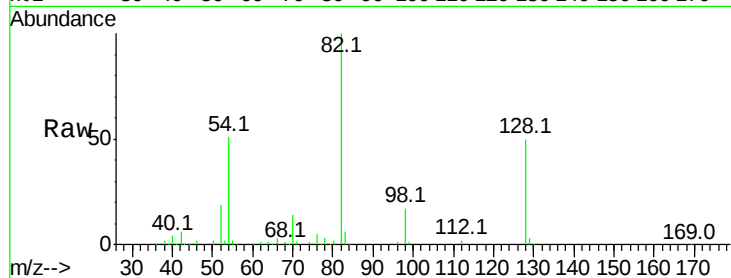




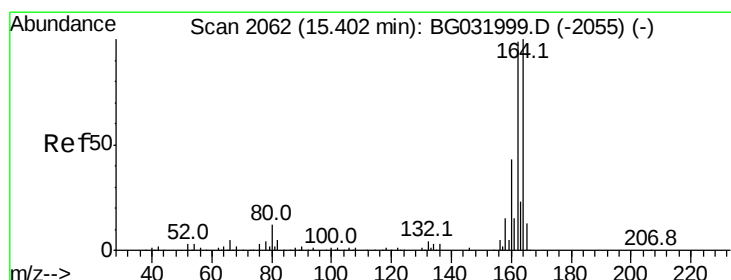
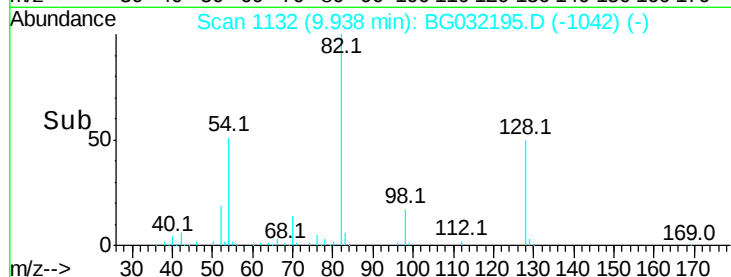
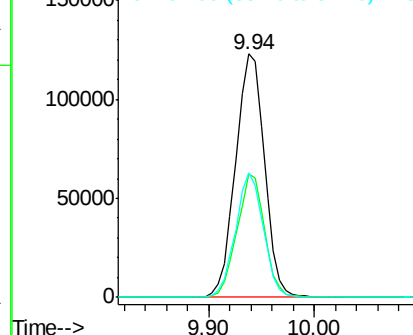
#23
Nitrobenzene-d5
Concen: 88.016 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 232077
Ion Ratio Lower Upper
82 100
128 50.4 29.7 44.5#
54 51.1 43.1 64.7

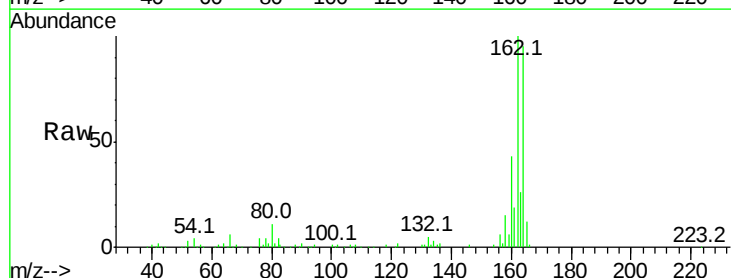


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

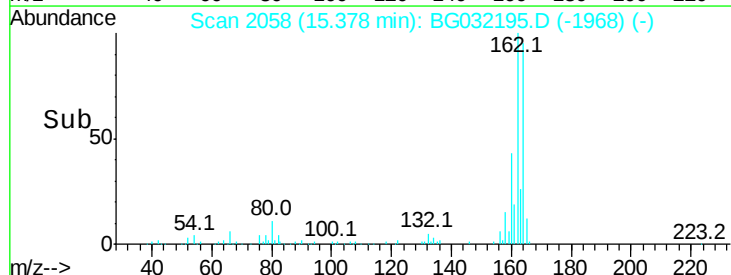
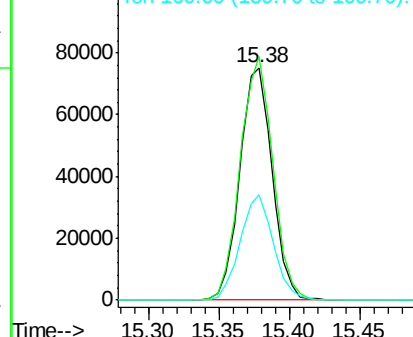


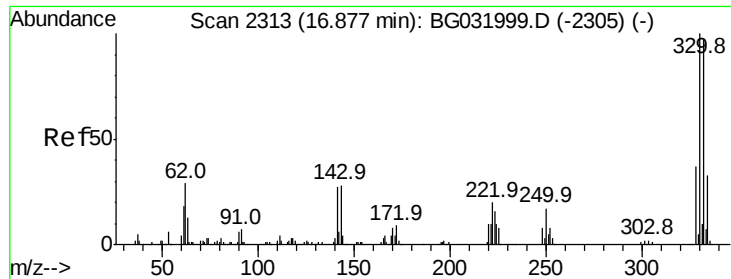
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:164 Resp: 120197
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 45.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

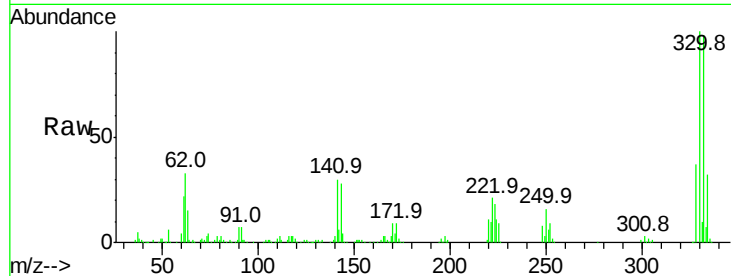




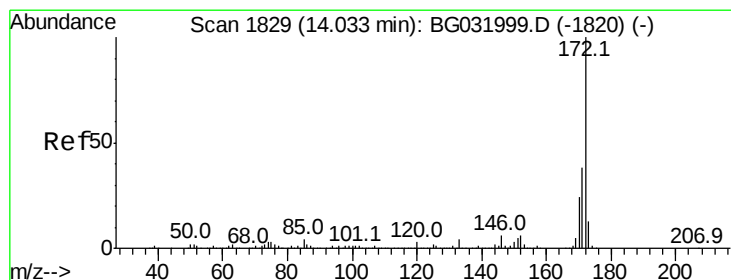
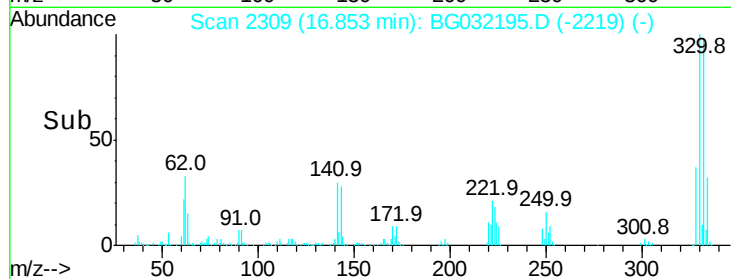
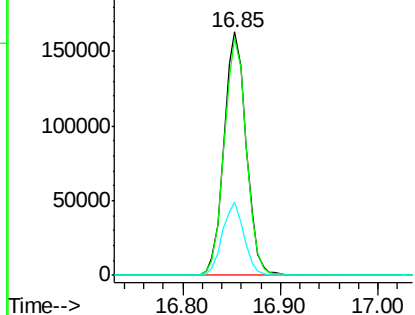
#41
 2,4,6-Tribromophenol
 Concen: 129.445 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032195.D
 Acq: 21 Jan 2018 00:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 257463
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 29.3 25.2 37.8

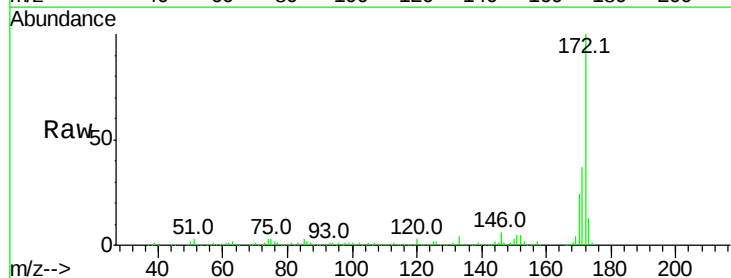


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

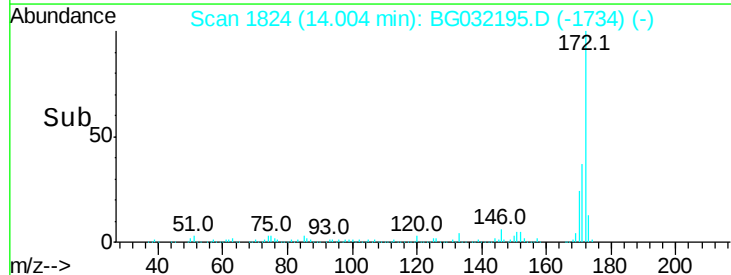
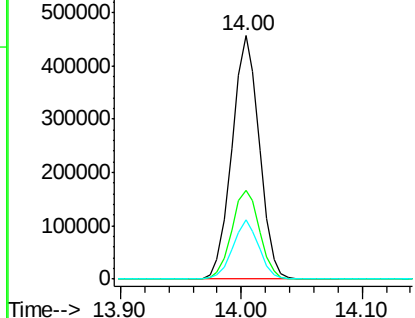


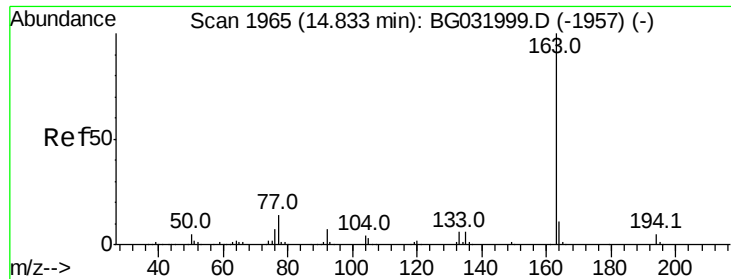
#44
 2-Fluorobiphenyl
 Concen: 74.257 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032195.D
 Acq: 21 Jan 2018 00:57

Tgt Ion:172 Resp: 719822
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 24.2 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: 7.441 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampleId :

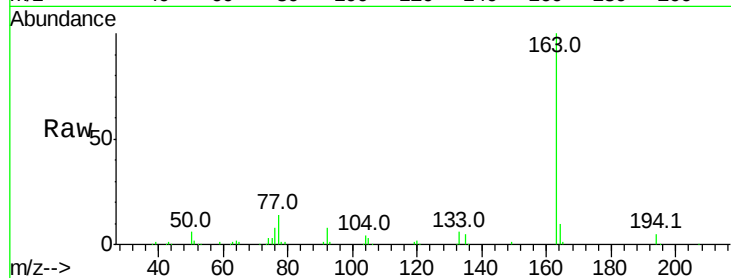
Tot Ion:163 Resp: 78270

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

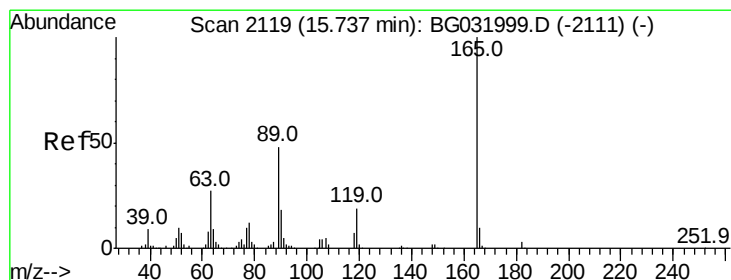
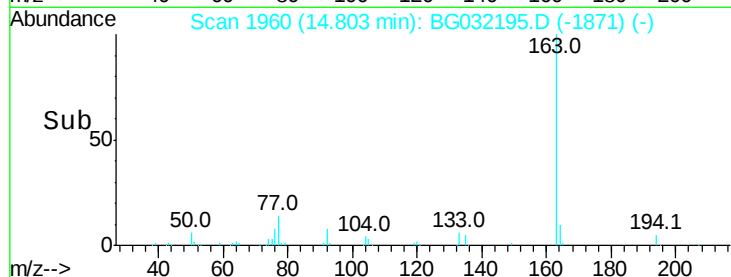
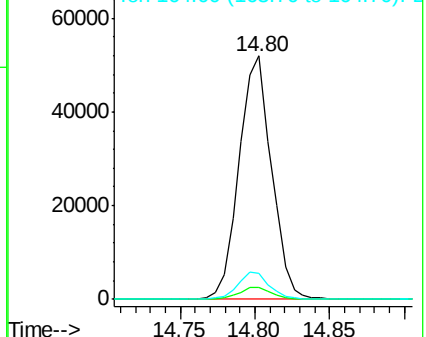
164 10.5 8.2 12.4



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: 5.237 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.34 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Tgt Ion:165 Resp: 15392

Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.5 66.9 100.3#

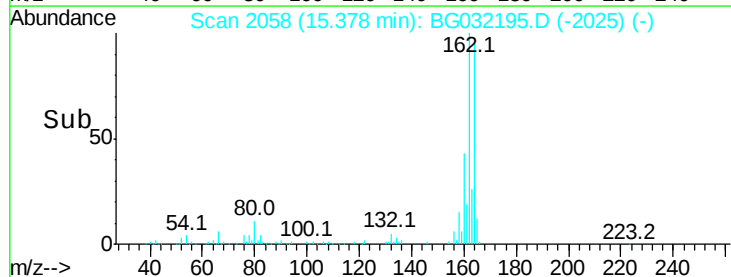
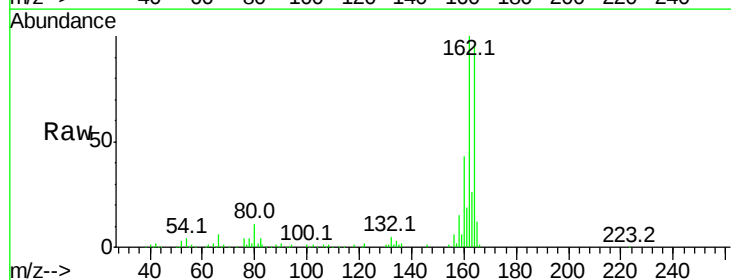
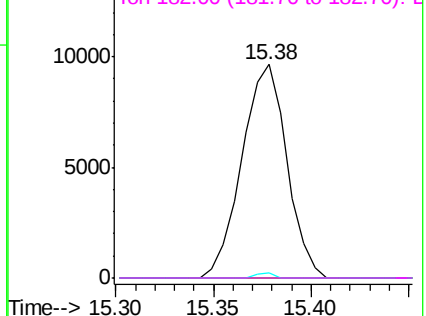
182 0.0 2.6 3.8#

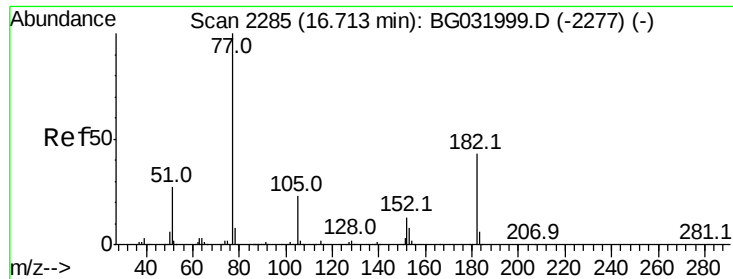
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 3.131 ng

RT: 16.71 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 19983

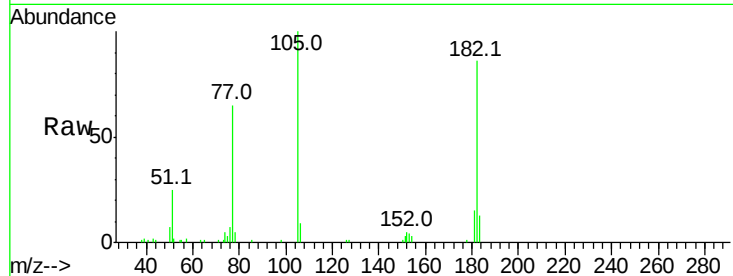
Ion Ratio Lower Upper

77 100

182 133.0 7.4 47.4#

105 154.2 0.3 40.3#

51 37.9 11.6 51.6

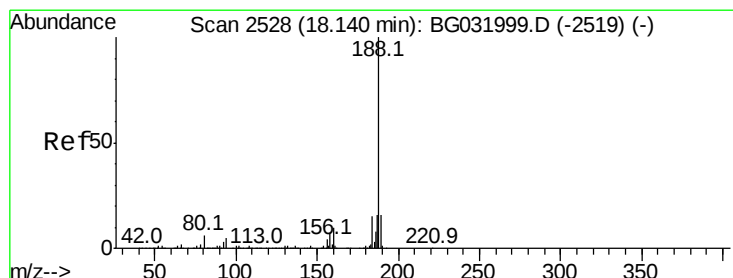
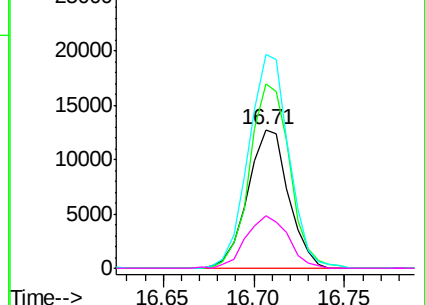
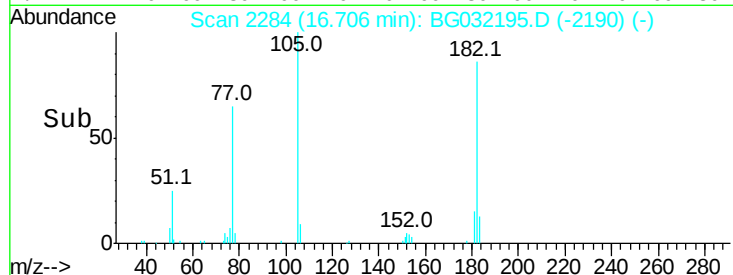


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

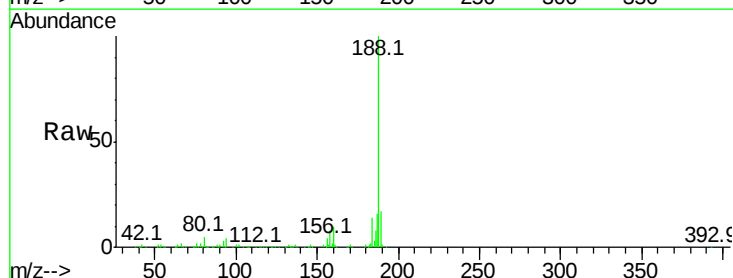
Tgt Ion: 188 Resp: 315256

Ion Ratio Lower Upper

188 100

94 4.1 6.9 10.3#

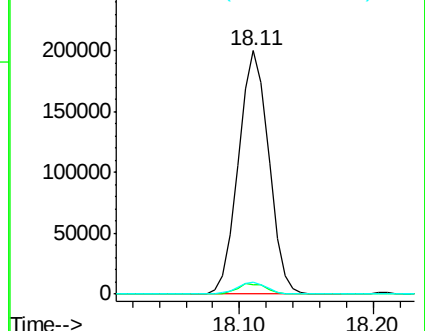
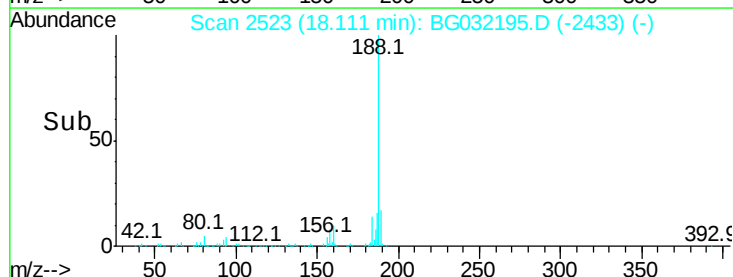
80 4.8 7.7 11.5#

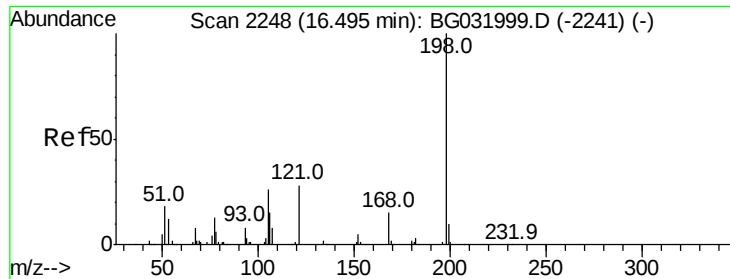


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 5.274 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.38 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampled :

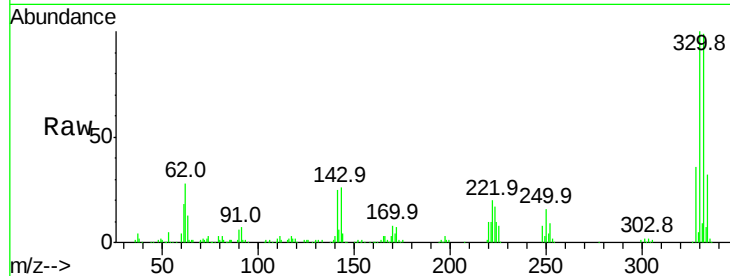
Tot Ion:198 Resp: 875

Ion Ratio Lower Upper

198 100

51 29.4 30.6 70.6#

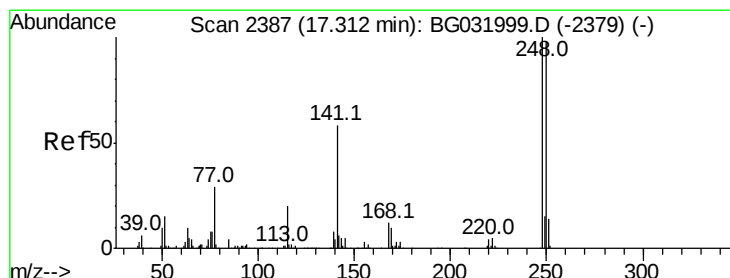
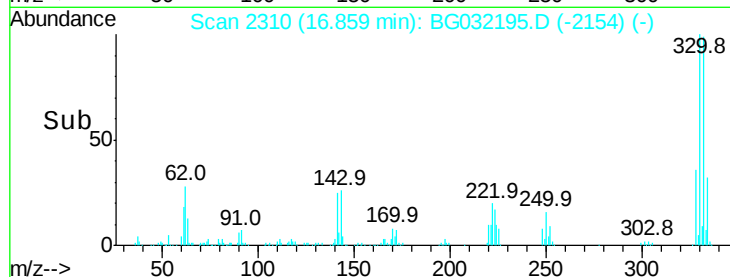
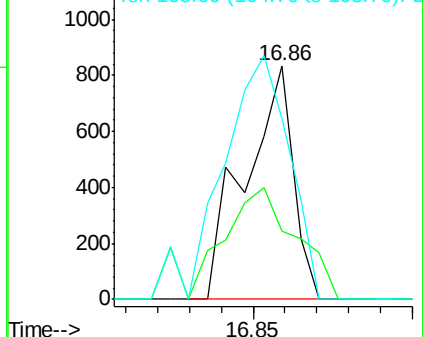
105 77.5 23.8 63.8#



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: 4.943 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.44 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

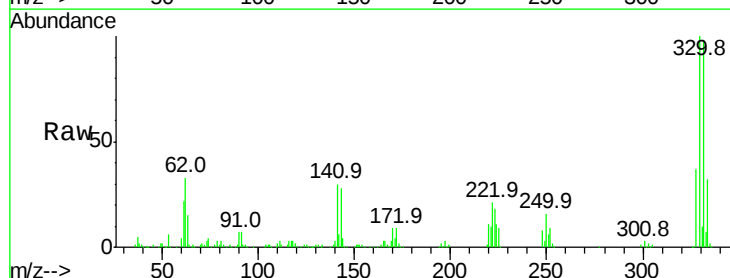
Tgt Ion:248 Resp: 22172

Ion Ratio Lower Upper

248 100

250 195.5 77.1 115.7#

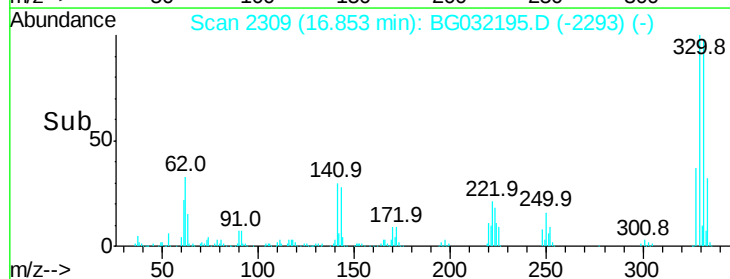
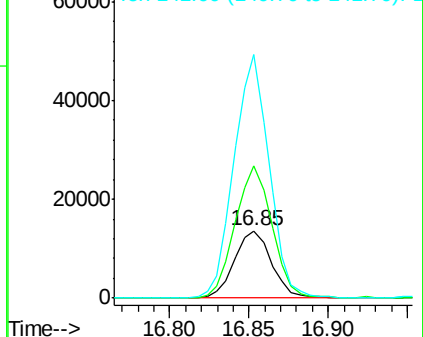
141 360.8 50.8 76.2#

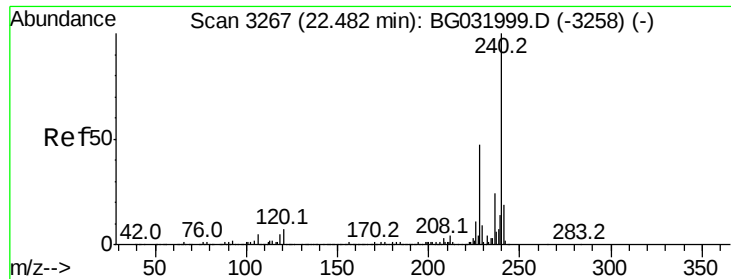


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

Instrument :

BNA_G

ClientSampleId :

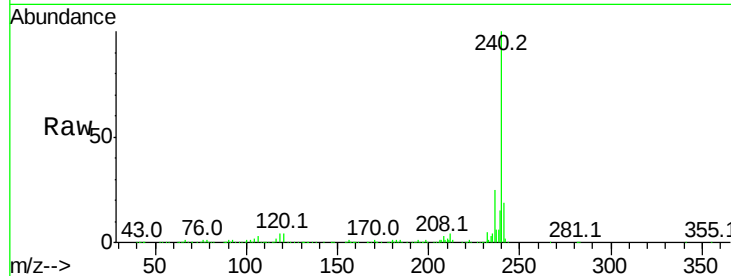
Tot Ion:240 Resp: 418657

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

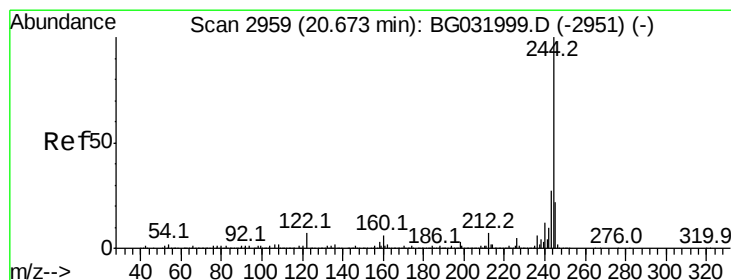
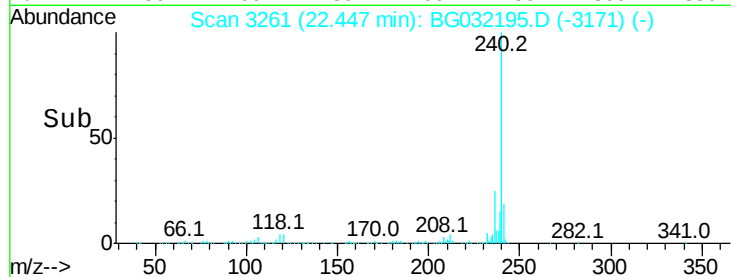
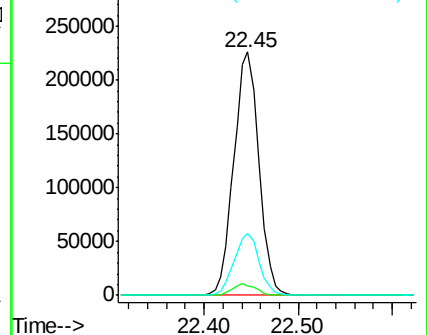
236 25.4 20.9 31.3



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: 74.436 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032195.D

Acq: 21 Jan 2018 00:57

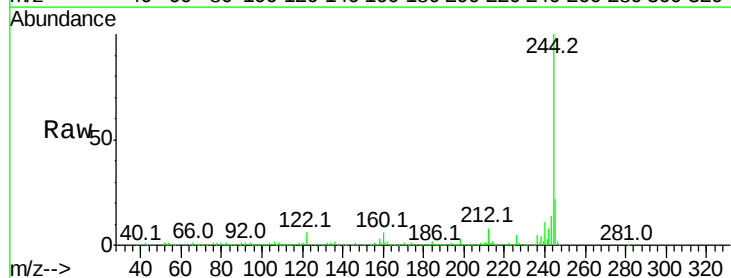
Tgt Ion:244 Resp: 1411352

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

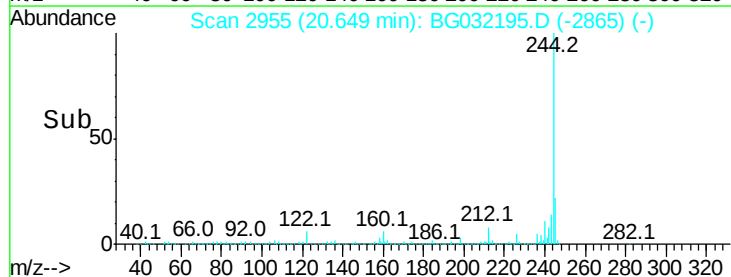
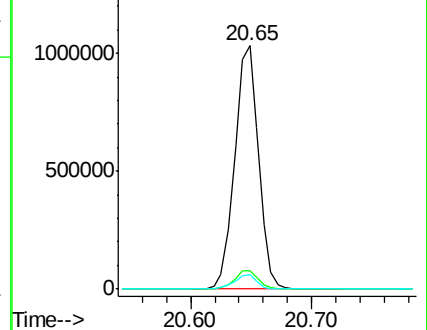
122 5.8 7.0 10.4#

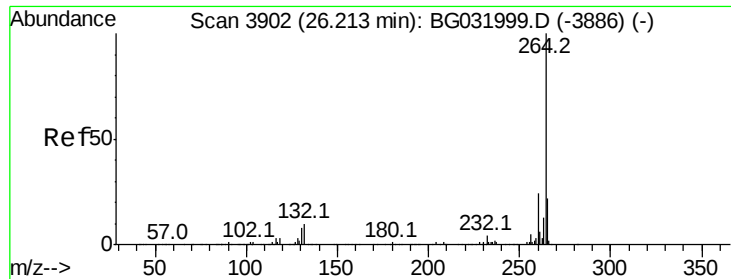


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.14 min Scan# 3890
 Delta R.T. -0.01 min
 Lab File: BG032195.D
 Acq: 21 Jan 2018 00:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5

