

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033548.D
 Acq On : 4 Apr 2018 6:59
 Operator : SJ/JU
 Sample : J2177-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:47:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

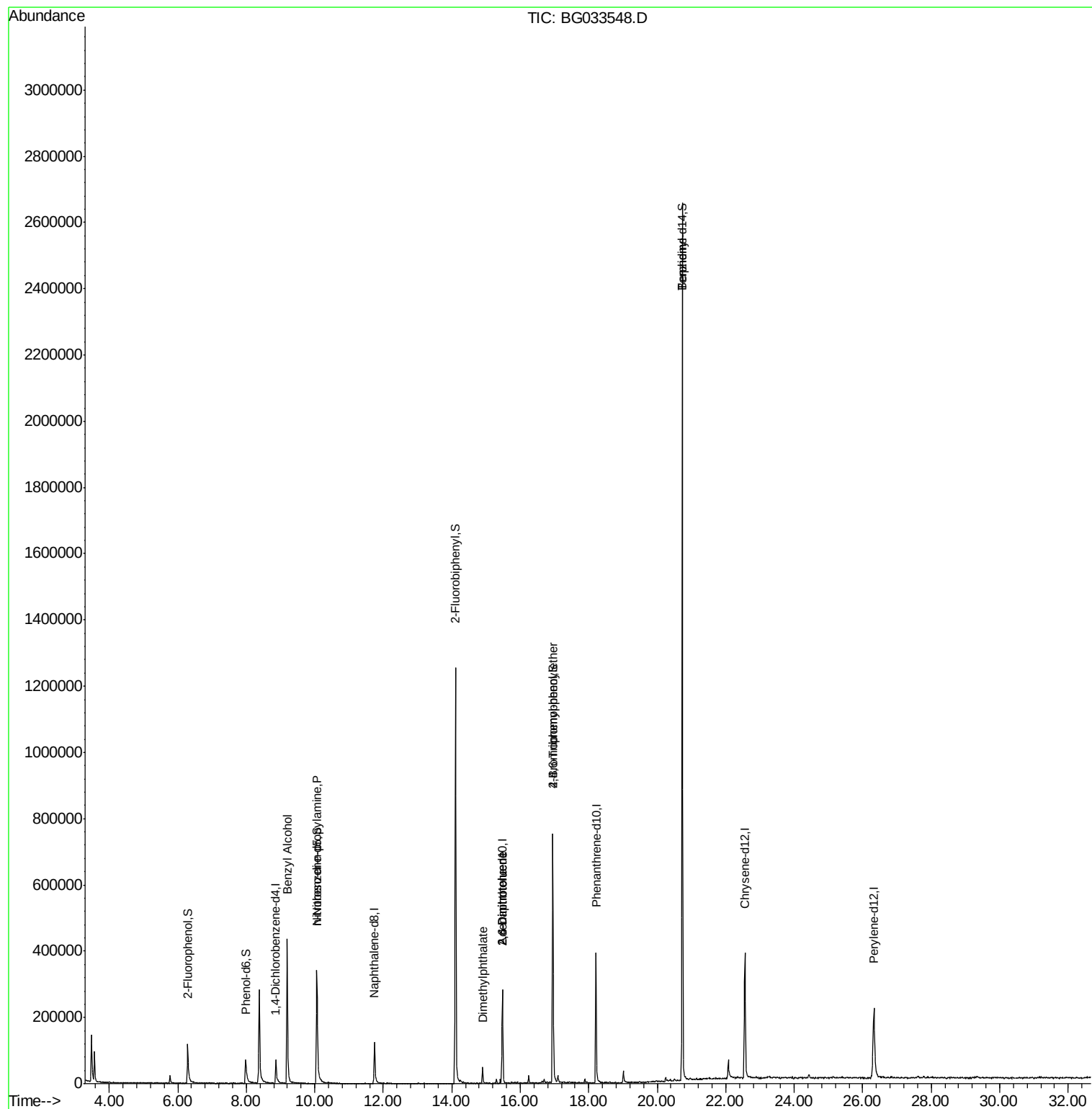
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27339	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128327	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	110643	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	294568	20.00	ng	0.00
75) Chrysene-d12	22.56	240	298014	20.00	ng	0.00
86) Perylene-d12	26.32	264	307725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	65767	45.11	ng	0.00
7) Phenol-d6	7.98	99	70225	28.03	ng	0.00
23) Nitrobenzene-d5	10.06	82	285423	102.19	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	151649	91.64	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	734474	95.83	ng	0.00
78) Terphenyl-d14	20.73	244	1311118	94.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4743	2.405	ng	# 35
19) n-Nitroso-di-n-propylamine	10.06	70	38531	20.990	ng	# 80
49) Dimethylphthalate	14.90	163	33271	3.455	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	14333	7.280	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	14333	4.944	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	12153	3.513	ng	# 1
76) Benzydine	20.73	184	22240	2.752	ng	94

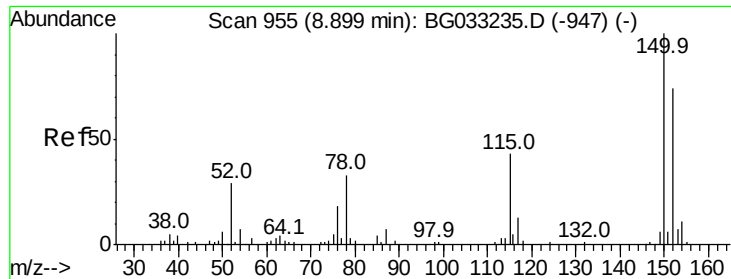
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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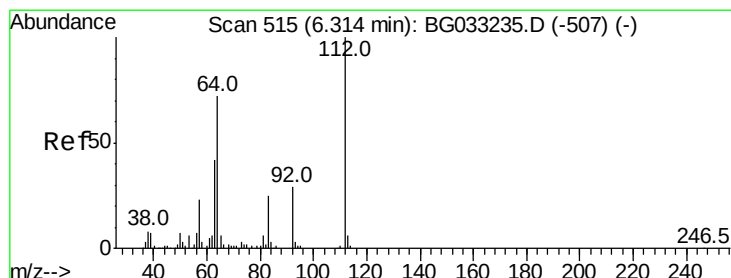
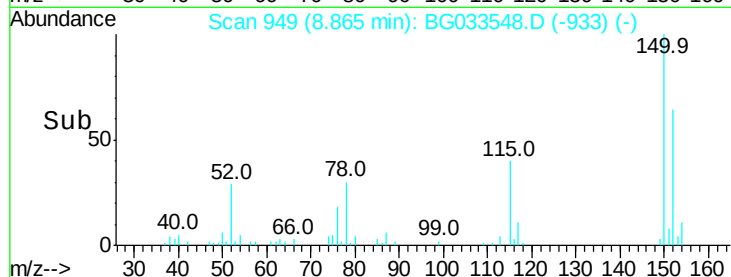
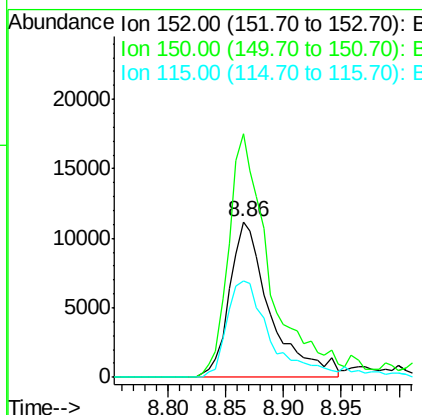
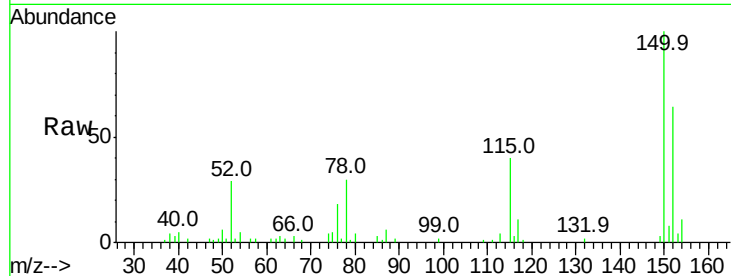




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

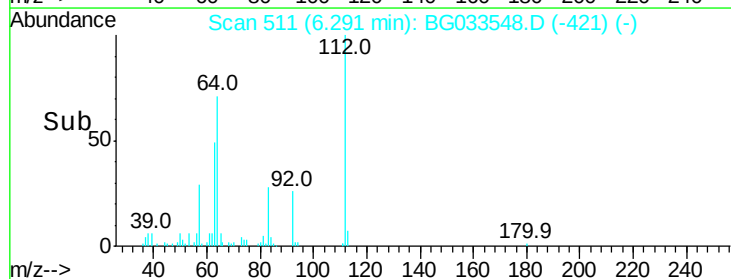
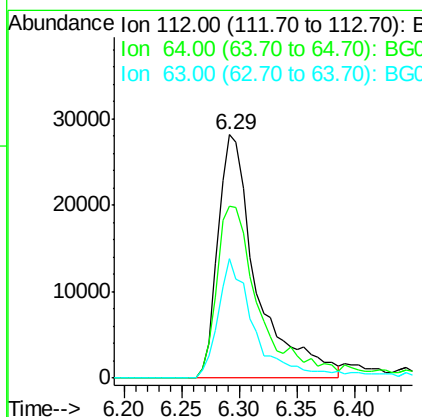
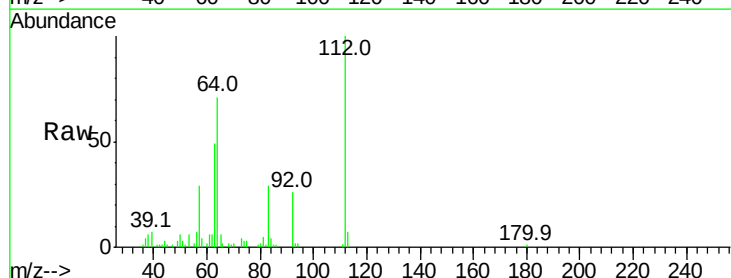
Instrument :
 BNA_G
 ClientSampleId :

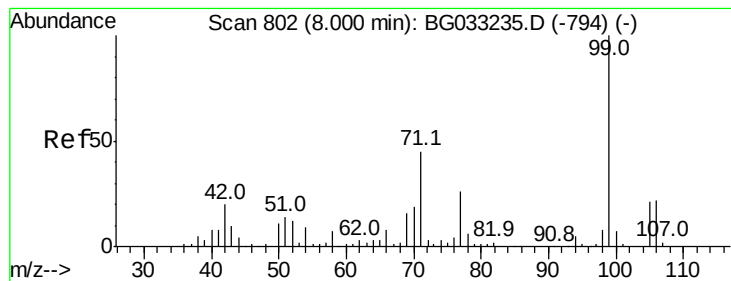
Tot Ion:152 Resp: 27339
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 62.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 45.108 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Tgt Ion:112 Resp: 65767
 Ion Ratio Lower Upper
 112 100
 64 70.9 56.3 84.5
 63 48.8 30.1 45.1#





#7

Phenol-d6

Concen: 28.033 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampled :

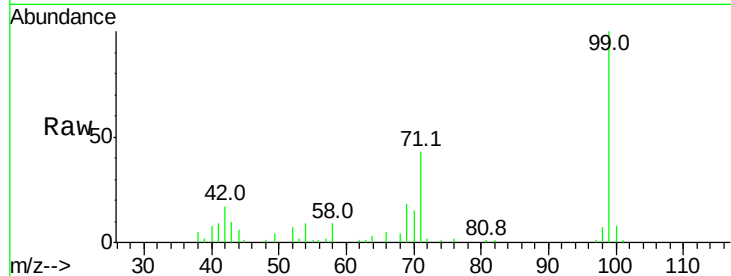
Tot Ion: 99 Resp: 70225

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	42.8	26.1	39.1

99 100

42 17.1 14.1 21.1

71 42.8 26.1 39.1#

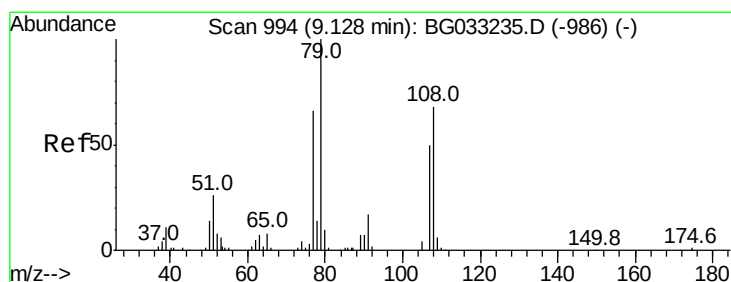
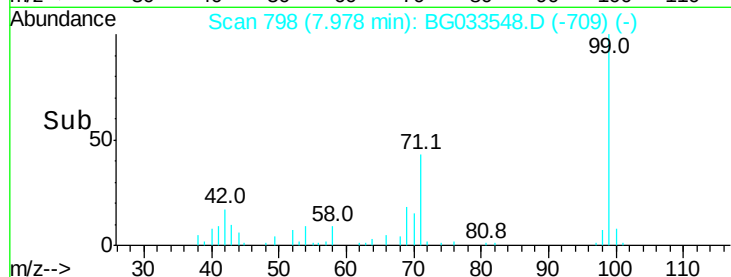
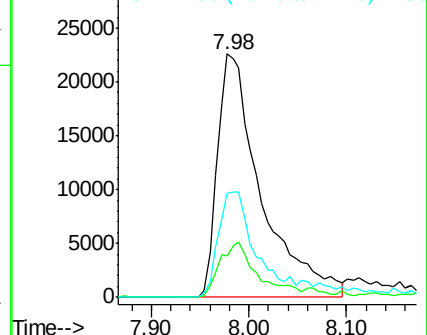


Abundance

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: 2.405 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

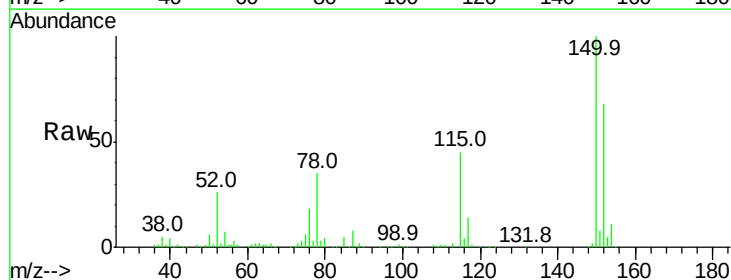
Tgt Ion: 79 Resp: 4743

Ion	Ratio	Lower	Upper
79	100		
108	27.5	57.2	85.8#
77	116.9	46.1	69.1#

79 100

108 27.5 57.2 85.8#

77 116.9 46.1 69.1#

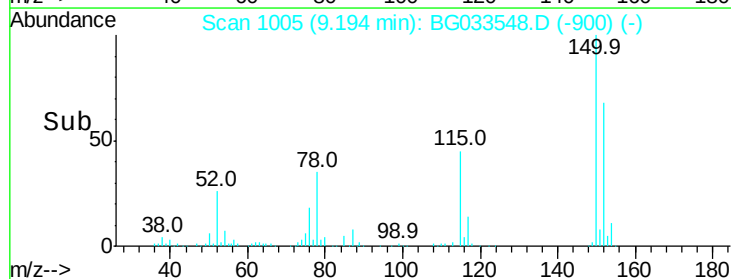
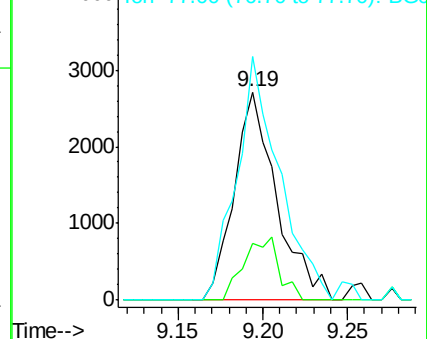


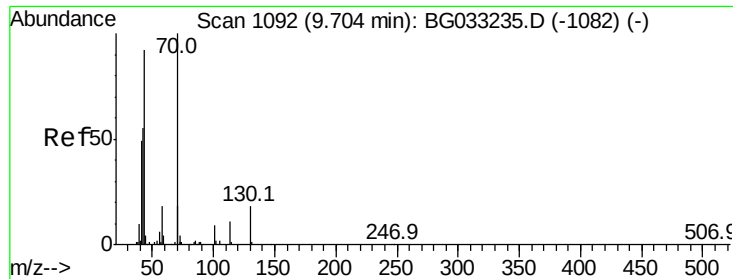
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

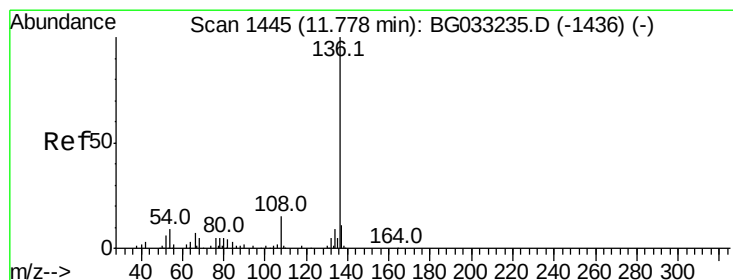
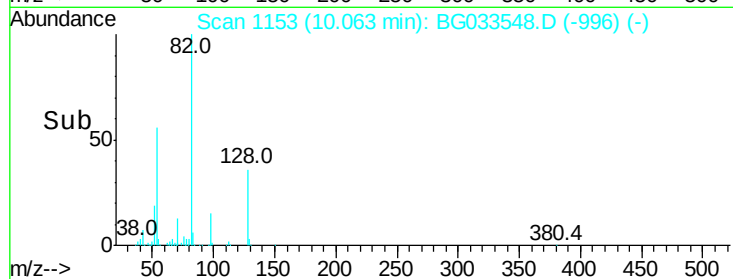
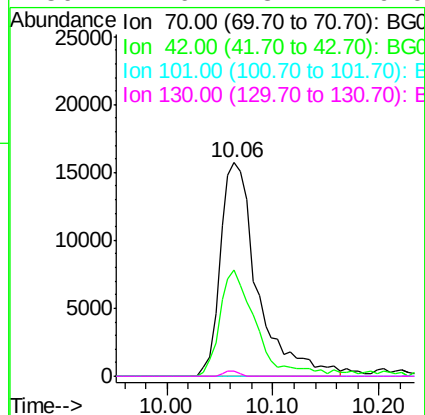
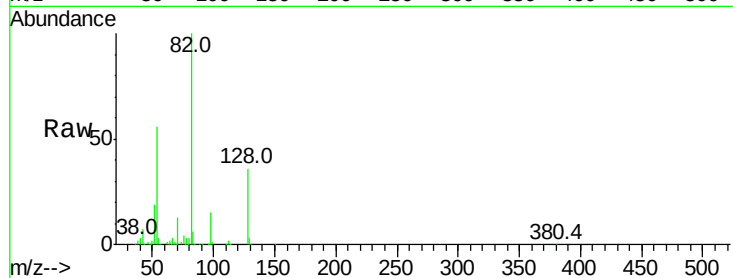




#19
 n-Nitroso-di-n-propylamine
 Concen: 20.990 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.39 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

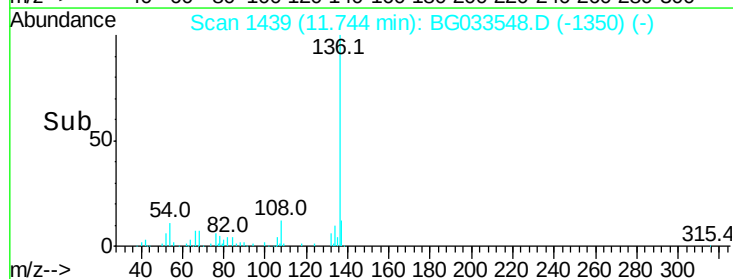
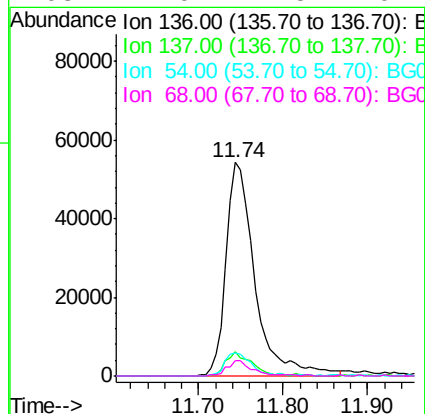
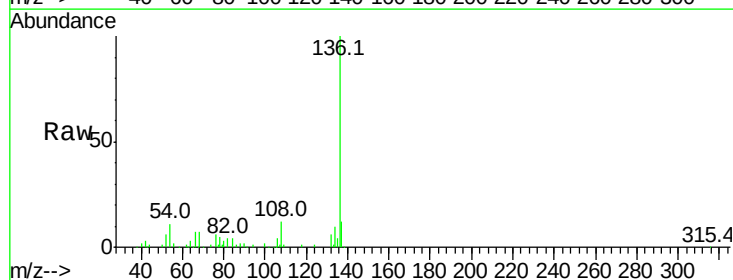
Instrument :
 BNA_G
 ClientSampled :

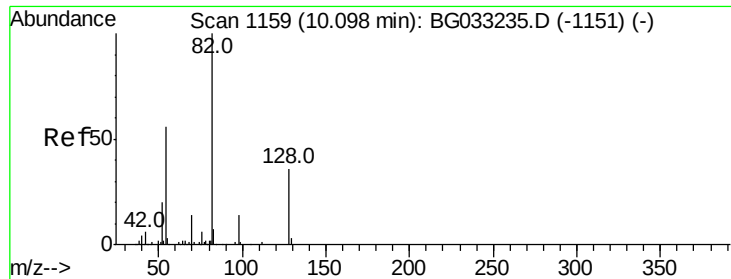
Tot Ion:	70	Resp:	38531
Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.1	73.7
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Tgt Ion:	136	Resp:	128327
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.8	10.3	15.5
68	7.0	4.5	6.7#

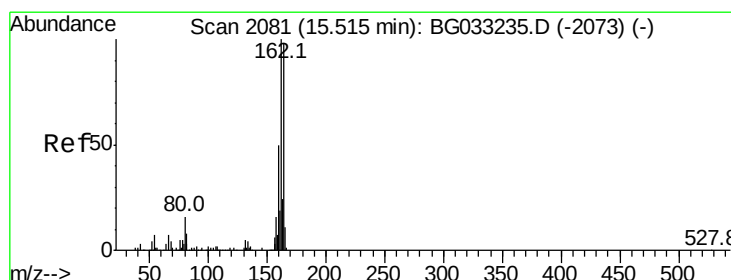
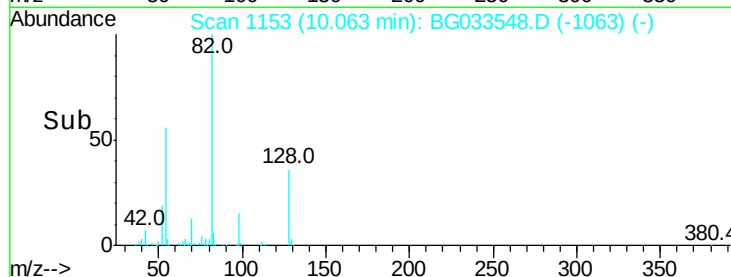
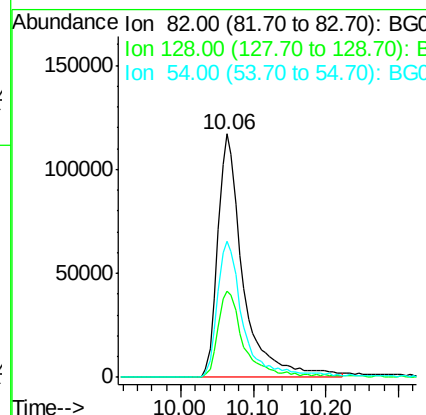
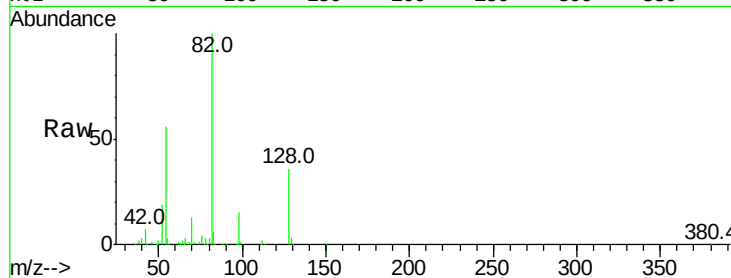




#23
 Nitrobenzene-d5
 Concen: 102.188 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

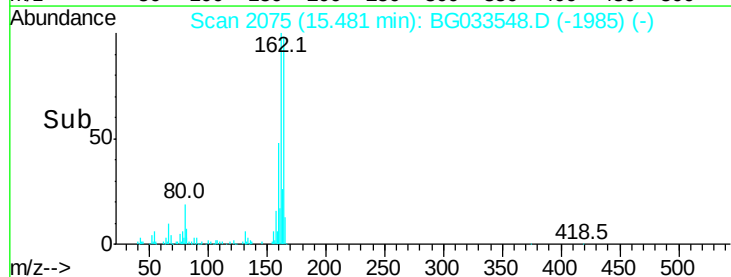
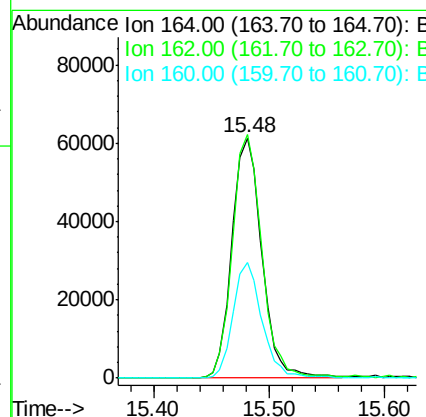
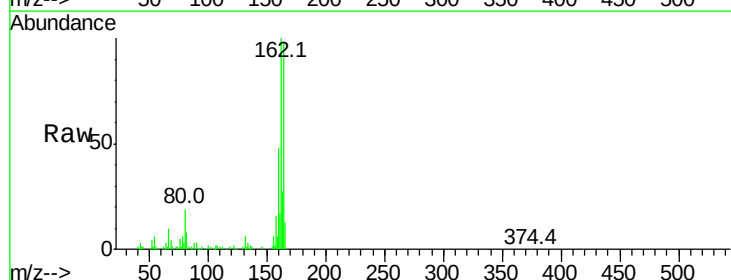
Instrument :
 BNA_G
 ClientSampleId :

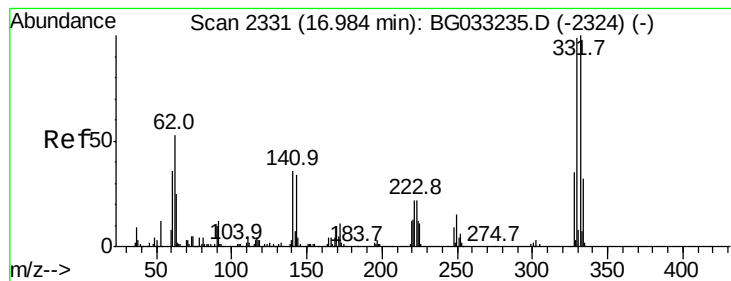
Tot Ion	82	Resp	285423
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	55.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Tgt Ion	164	Resp	110643
Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	48.4	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 91.642 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampled :

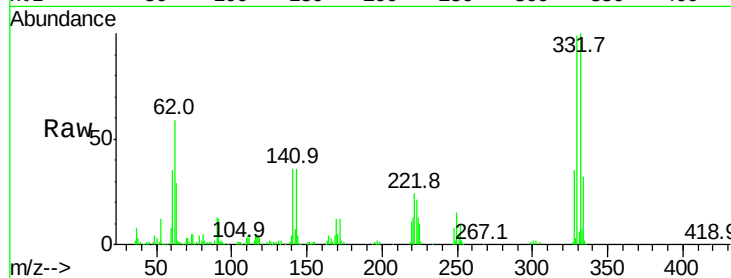
Tot Ion:330 Resp: 151649

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.6

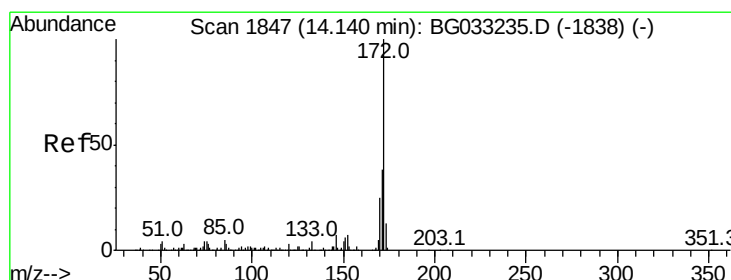
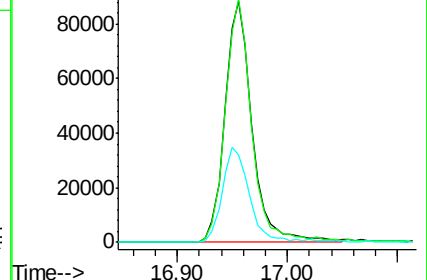
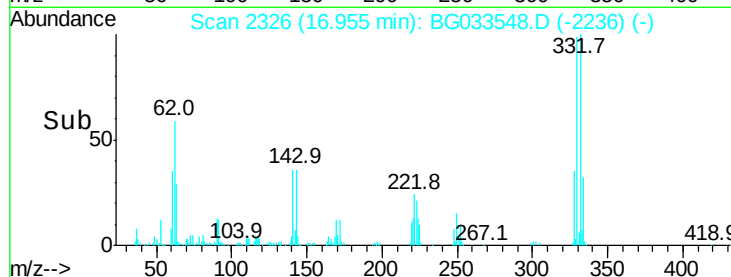
141 40.0 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 95.832 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

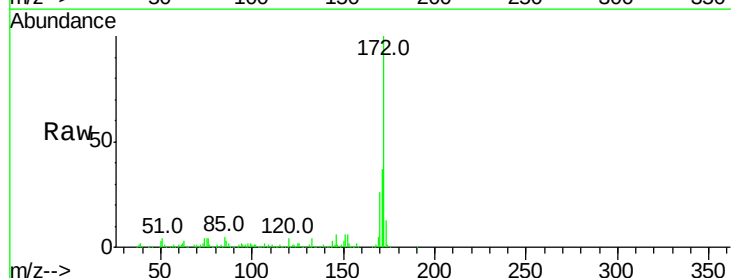
Tgt Ion:172 Resp: 734474

Ion Ratio Lower Upper

172 100

171 36.8 30.0 45.0

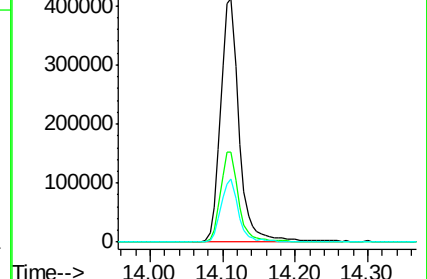
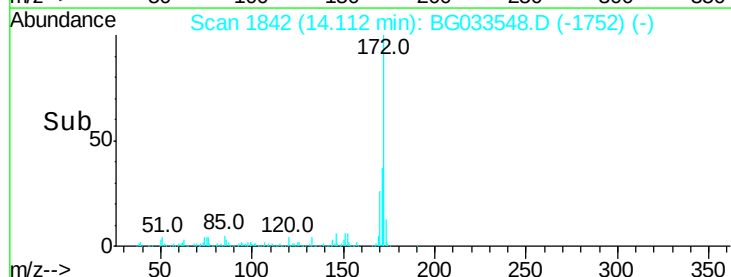
170 25.7 19.5 29.3

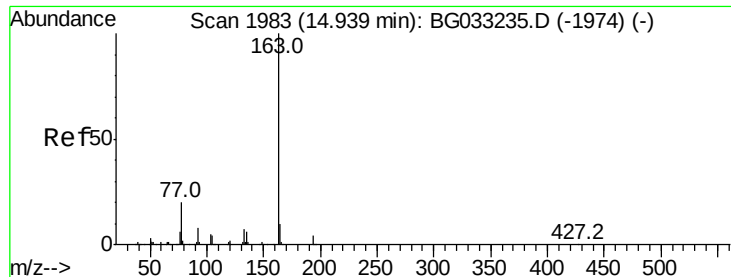


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.455 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampleId :

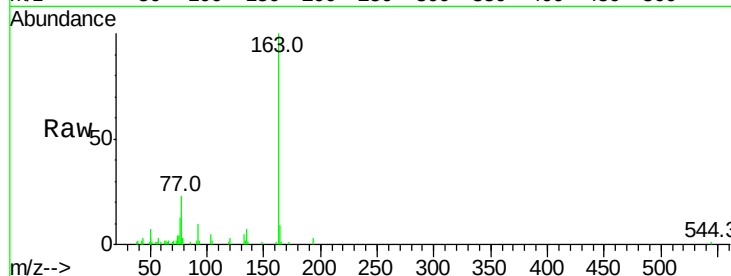
Tot Ion:163 Resp: 33271

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

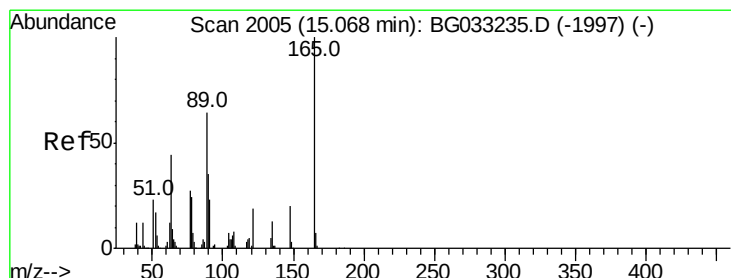
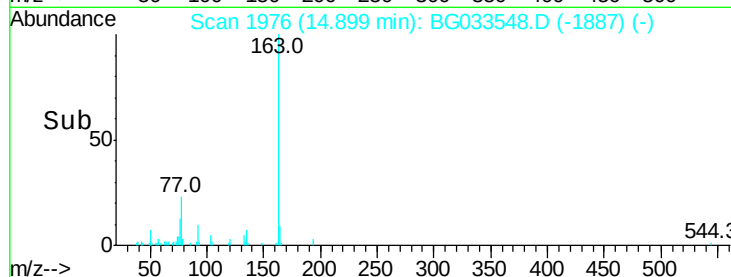
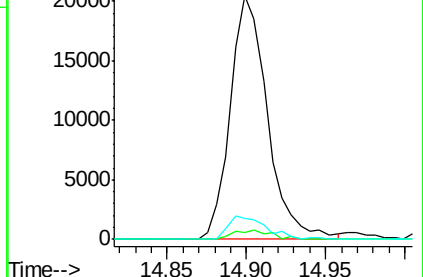
164 8.8 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.280 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

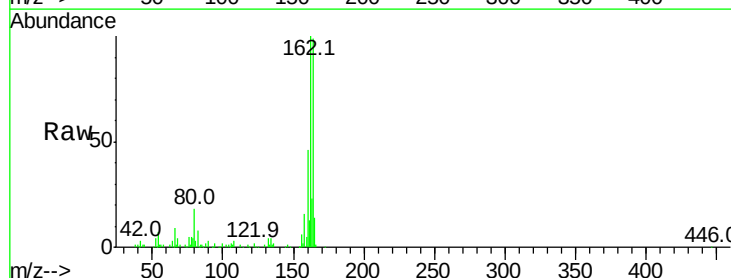
Tgt Ion:165 Resp: 14333

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

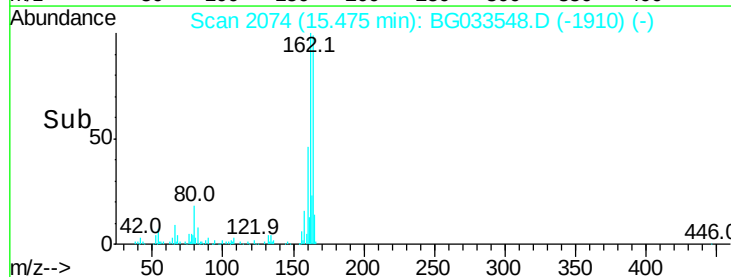
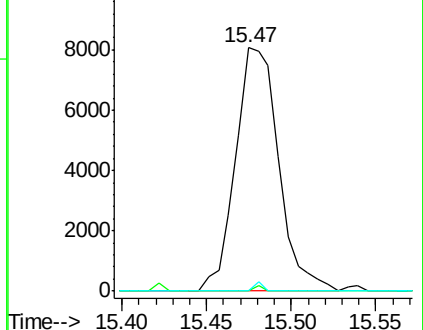
89 0.0 49.2 73.8#

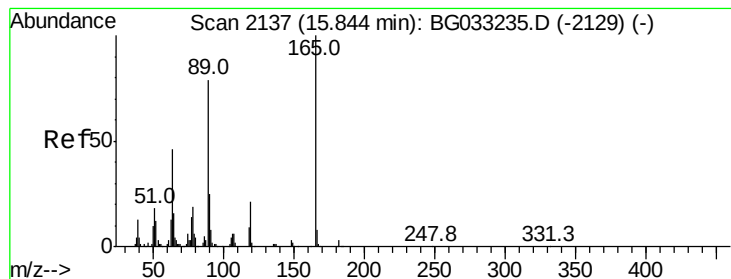


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#56

2,4-Dinitrotoluene

Concen: 4.944 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 14333

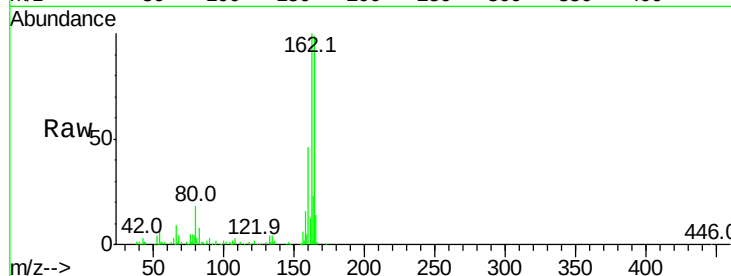
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

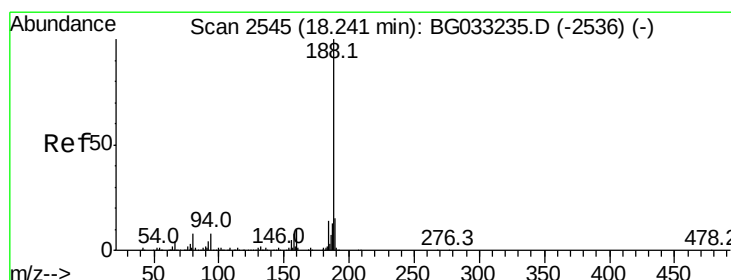
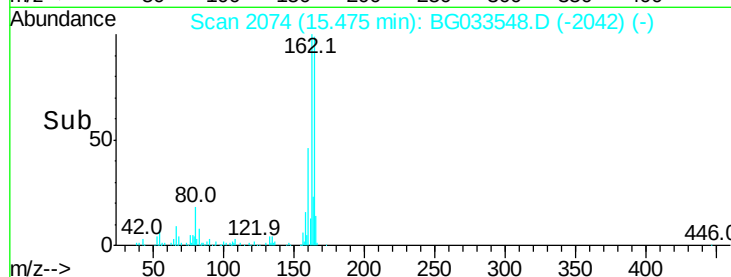
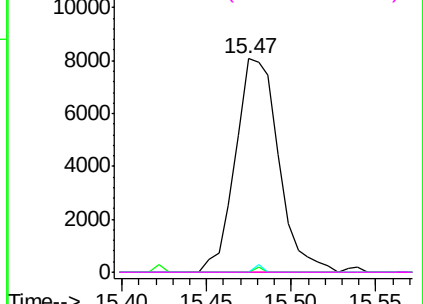


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

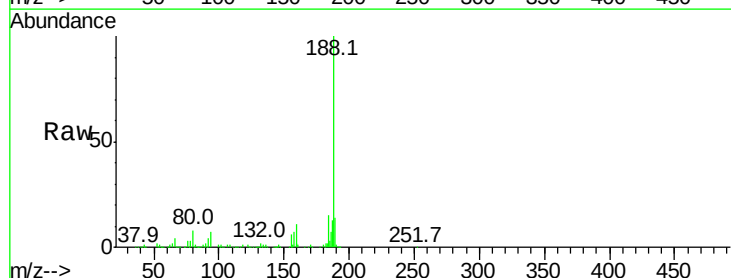
Tgt Ion:188 Resp: 294568

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

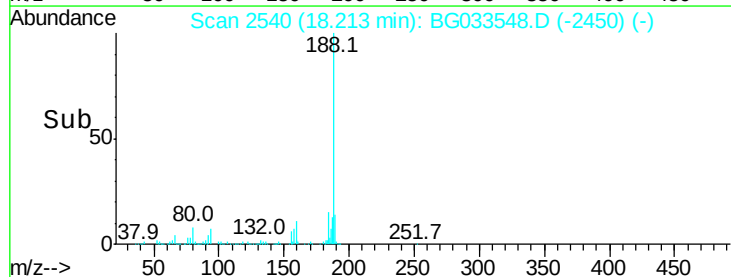
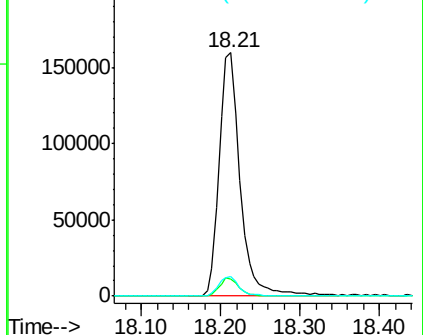
80 8.1 7.7 11.5

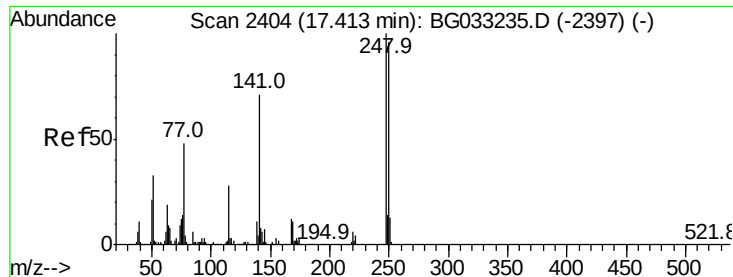


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

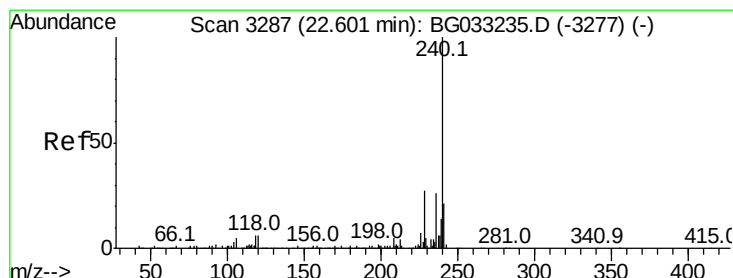
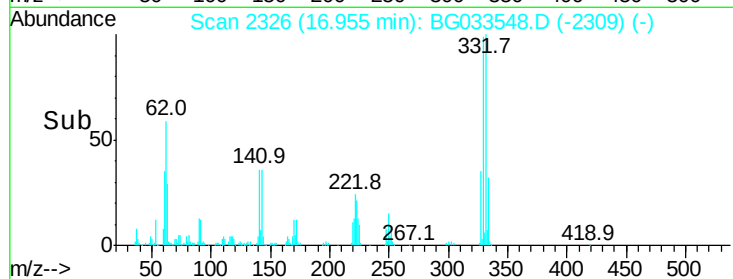
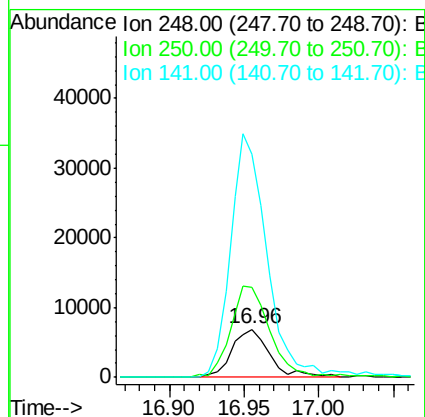
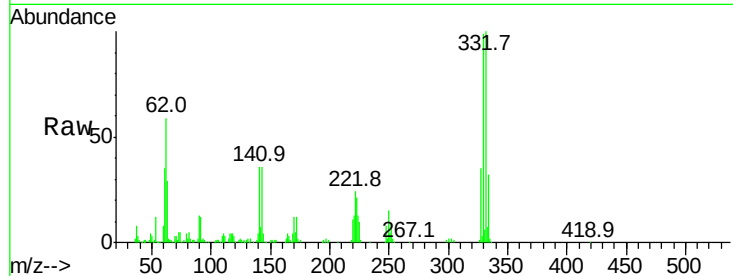




#66
4-Bromophenyl-phenylether
Concen: 3.513 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033548.D
Acq: 4 Apr 2018 6:59

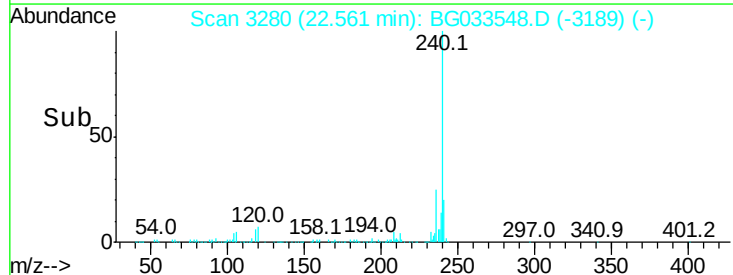
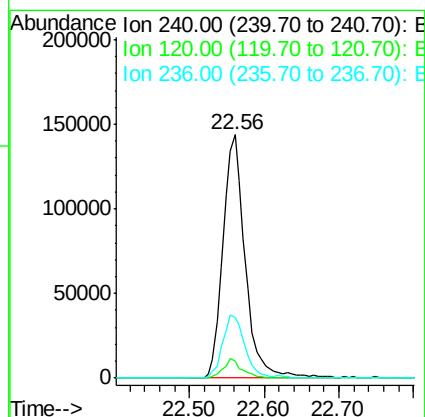
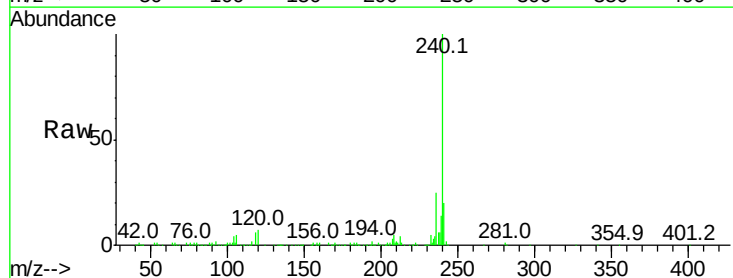
Instrument :
BNA_G
ClientSampleId :

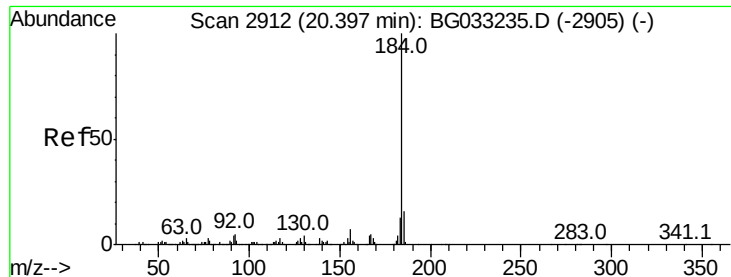
Tot Ion:248 Resp: 12153
Ion Ratio Lower Upper
248 100
250 187.1 77.1 115.7#
141 462.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033548.D
Acq: 4 Apr 2018 6:59

Tgt Ion:240 Resp: 298014
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 24.6 20.9 31.3

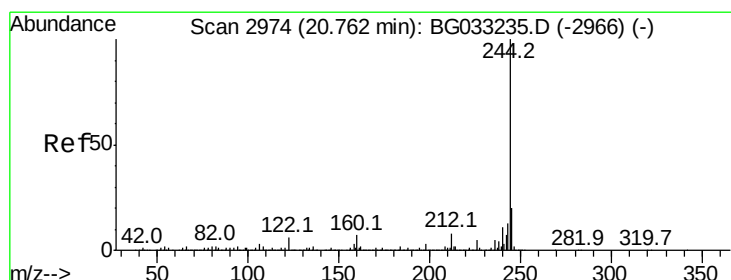
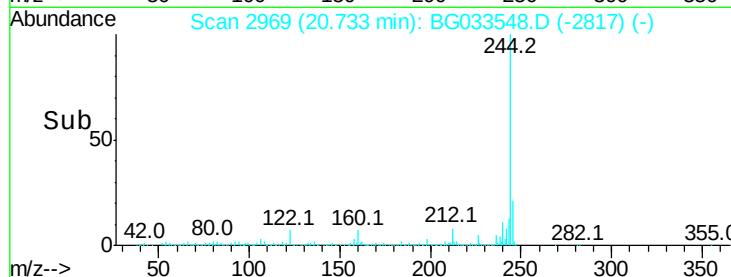
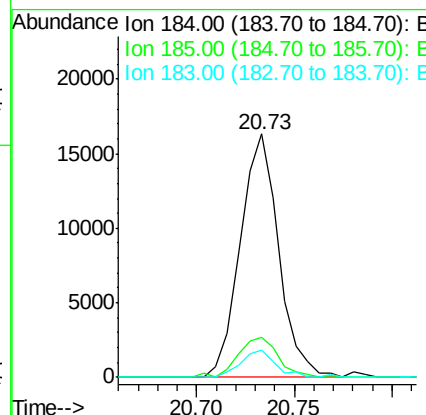
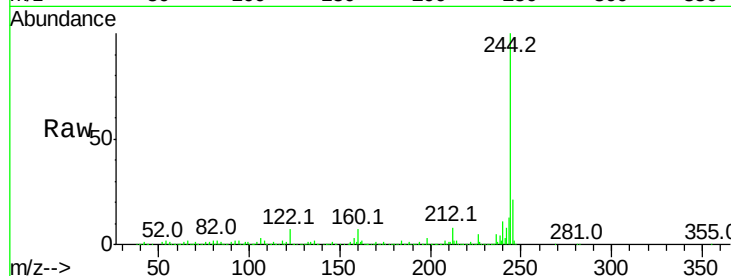




#76
Benzidine
Concen: 2.752 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.37 min
Lab File: BG033548.D
Acq: 4 Apr 2018 6:59

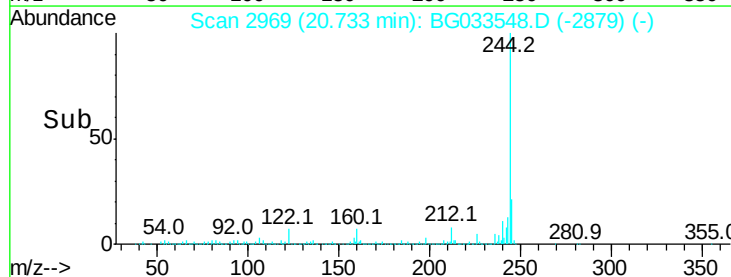
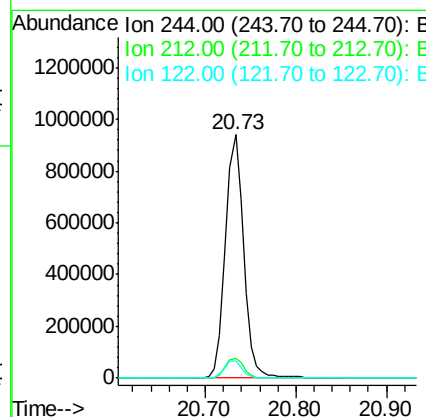
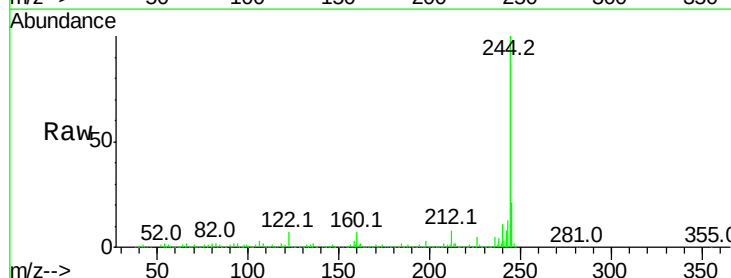
Instrument :
BNA_G
ClientSampleId :

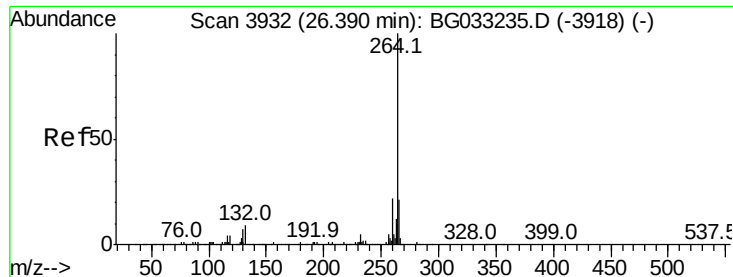
Tot Ion:184 Resp: 22240
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 11.4 10.6 16.0



#78
Terphenyl-d14
Concen: 94.088 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033548.D
Acq: 4 Apr 2018 6:59

Tgt Ion:244 Resp: 1311118
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 6.9 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BG033548.D
Acq: 4 Apr 2018 6:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.1	17.7	26.5

