

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033260.D
 Acq On : 20 Mar 2018 3:52
 Operator : SJ/JU
 Sample : J1954-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 04:36:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

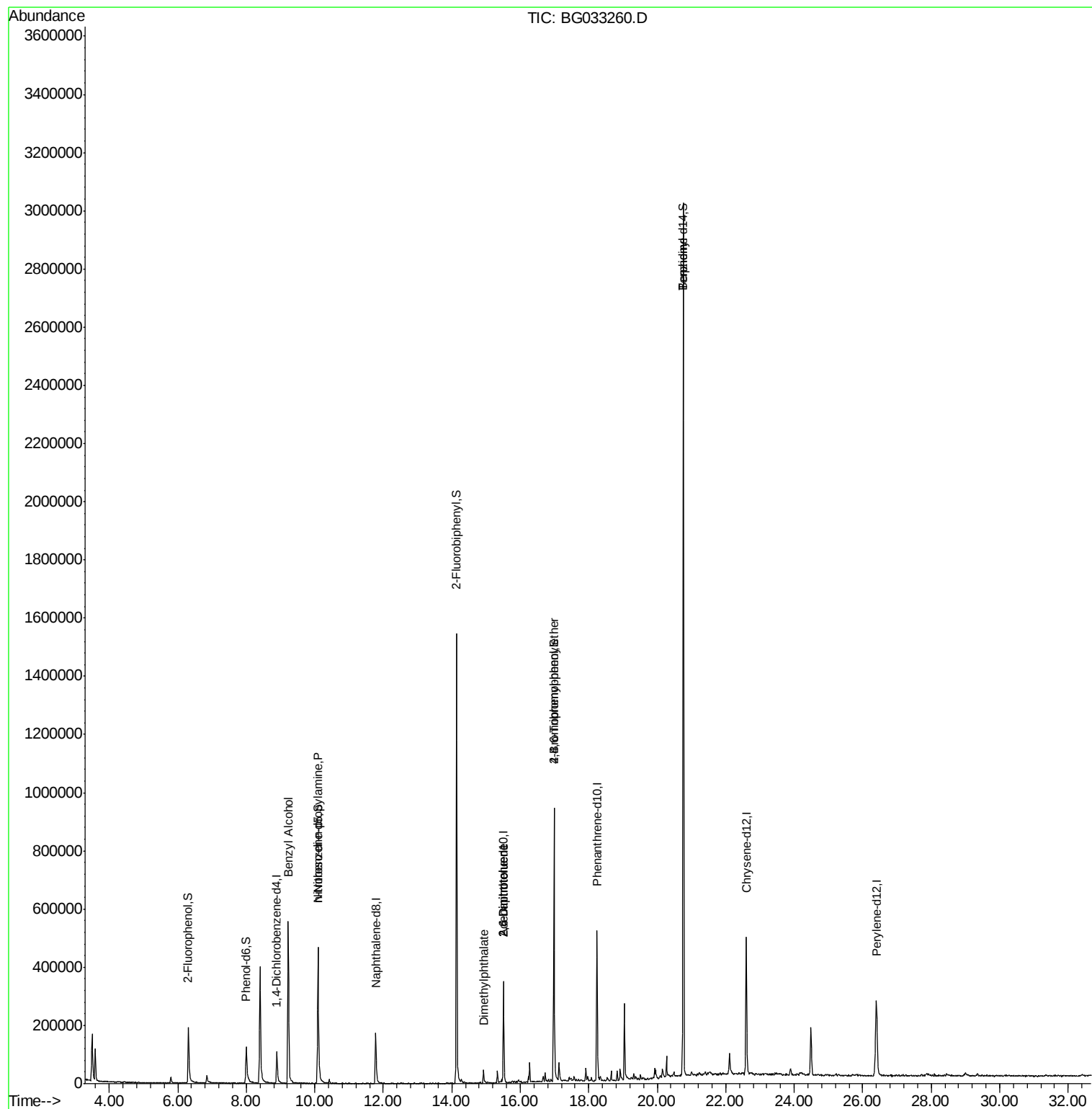
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39510	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	172312	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	134214	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	347350	20.00	ng	0.00
75) Chrysene-d12	22.59	240	354015	20.00	ng	0.00
86) Perylene-d12	26.40	264	365201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	104615	49.65	ng	0.00
7) Phenol-d6	8.00	99	110454	30.51	ng	0.00
23) Nitrobenzene-d5	10.09	82	367532	98.00	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	198786	99.03	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	890644	95.80	ng	0.00
78) Terphenyl-d14	20.76	244	1487966	89.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5705	2.001	ng	# 36
19) n-Nitroso-di-n-propylamine	10.09	70	48668	18.345	ng	# 71
49) Dimethylphthalate	14.93	163	29656	2.539	ng	# 99
50) 2,6-Dinitrotoluene	15.51	165	17344	7.262	ng	# 21
56) 2,4-Dinitrotoluene	15.51	165	17400	4.948	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	14880	3.648	ng	# 1
76) Benizidine	20.76	184	24414	2.543	ng	# 92

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

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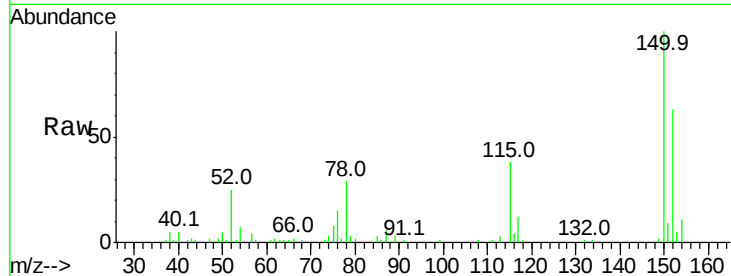


#1

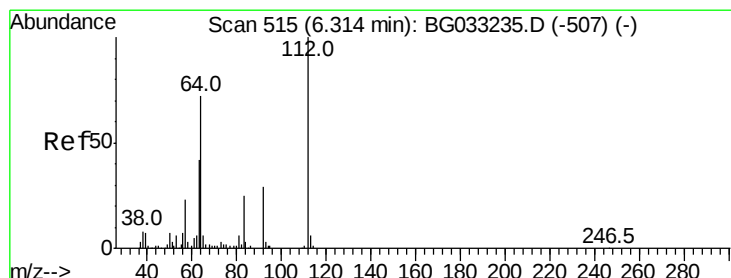
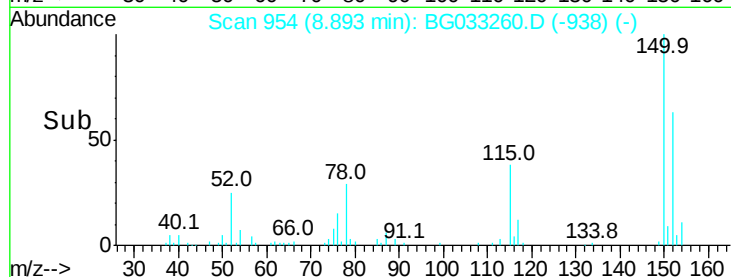
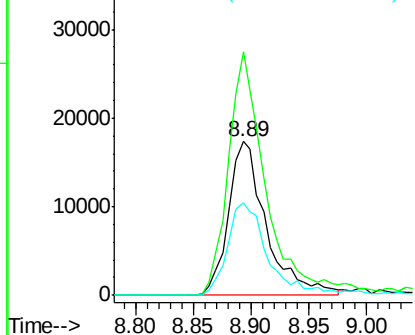
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033260.D
Acq: 20 Mar 2018 3:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39510
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 59.8 53.0 79.4



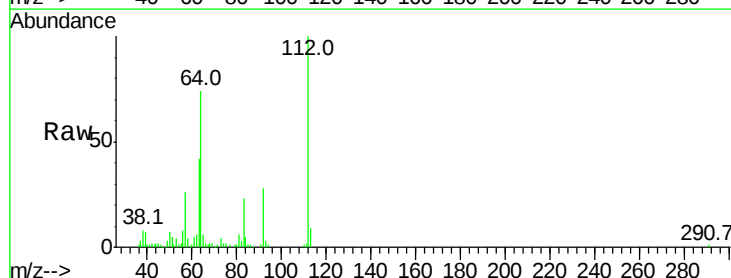
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



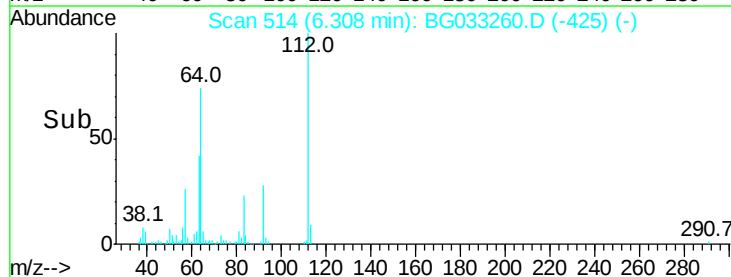
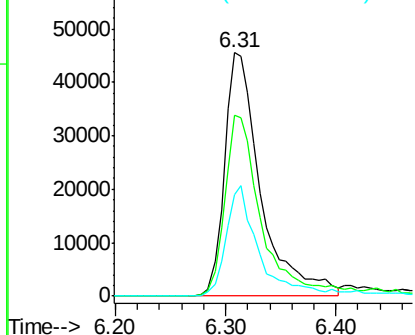
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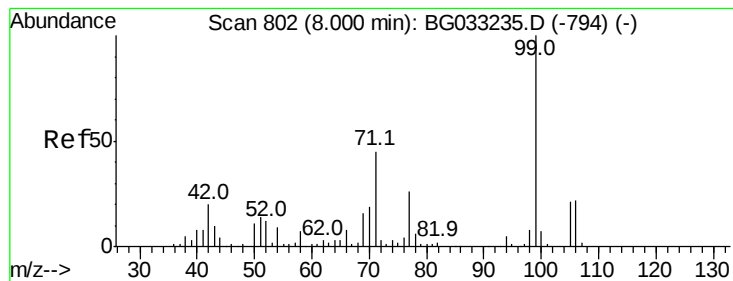
2-Fluorophenol
Concen: 49.650 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033260.D
Acq: 20 Mar 2018 3:52

Tgt Ion:112 Resp: 104615
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 41.7 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: 30.509 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

Instrument :

BNA_G

ClientSampleId :

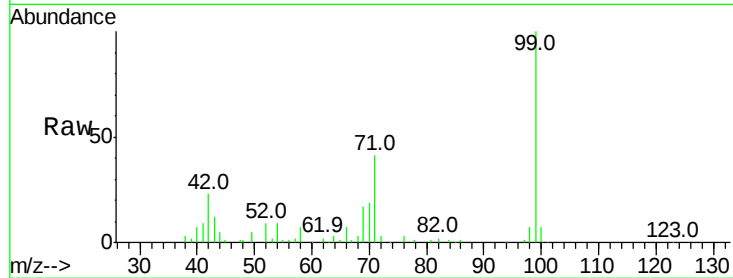
Tot Ion: 99 Resp: 110454

Ion Ratio Lower Upper

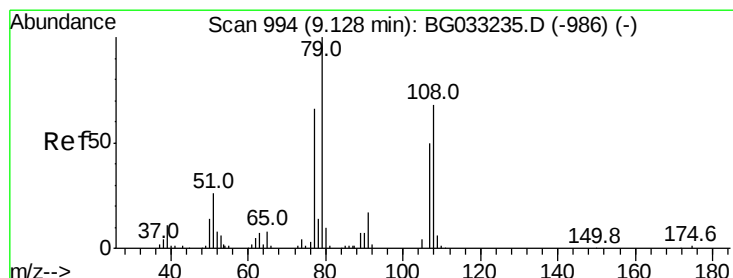
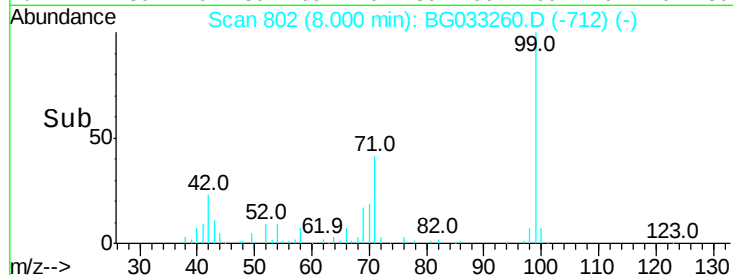
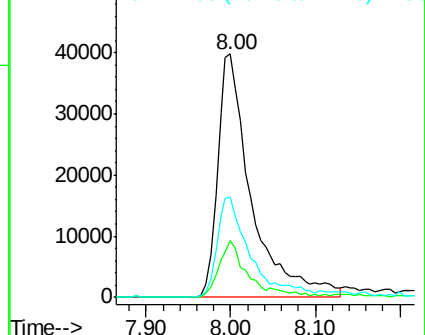
99 100

42 23.0 14.1 21.1#

71 41.1 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: 2.001 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.09 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

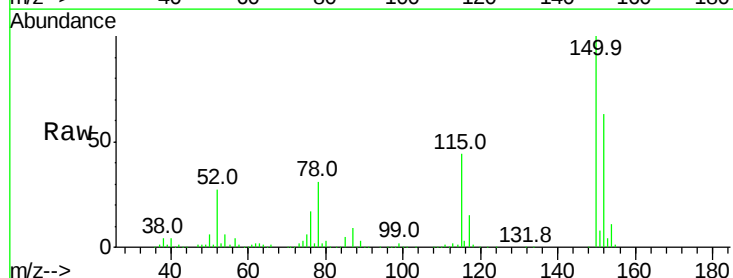
Tgt Ion: 79 Resp: 5705

Ion Ratio Lower Upper

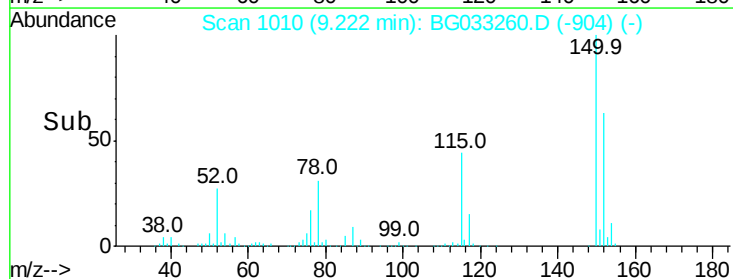
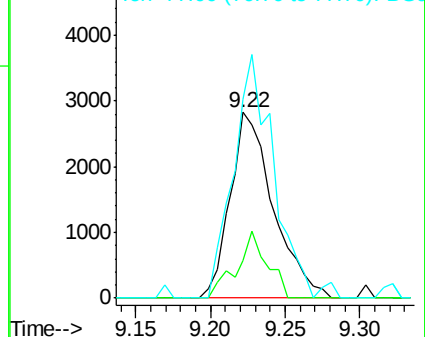
79 100

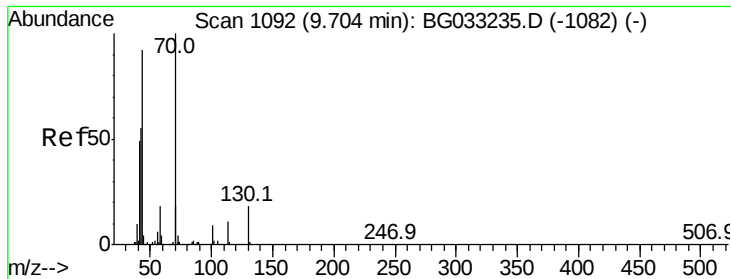
108 20.0 57.2 85.8#

77 107.4 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

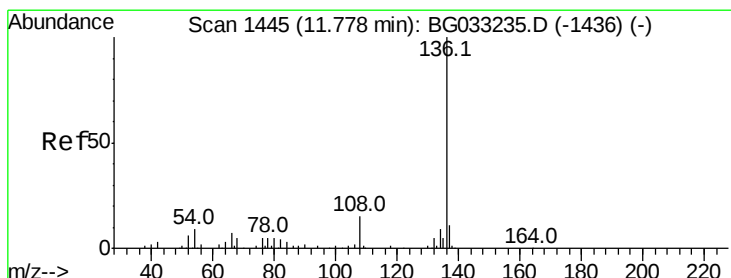
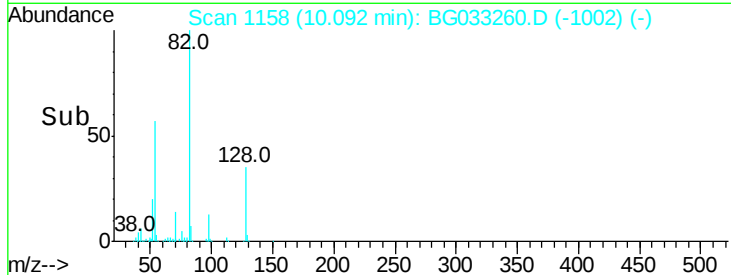
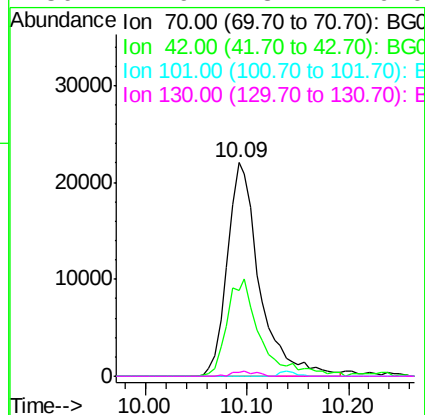
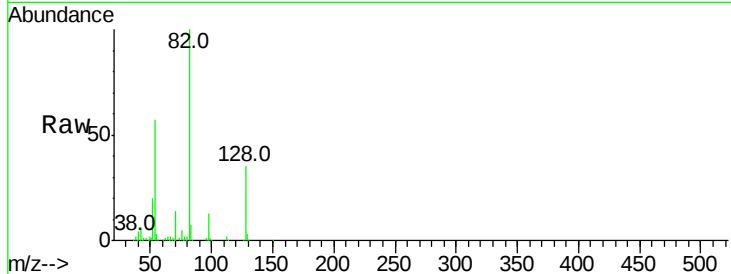




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.345 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. 0.39 min
 Lab File: BG033260.D
 Acq: 20 Mar 2018 3:52

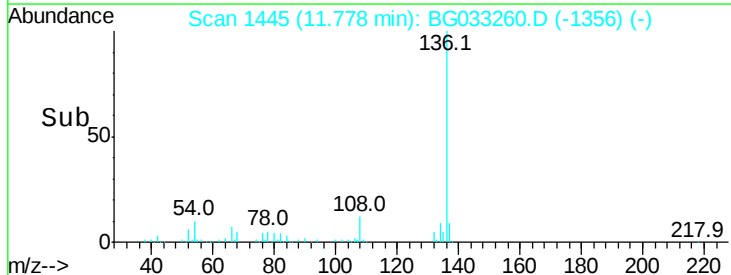
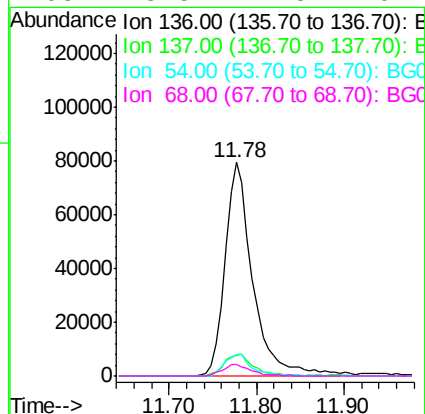
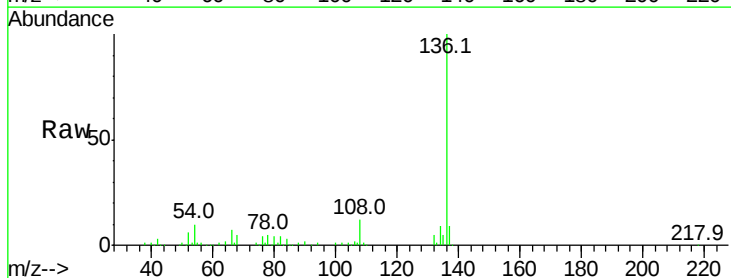
Instrument :
 BNA_G
 ClientSampleId :

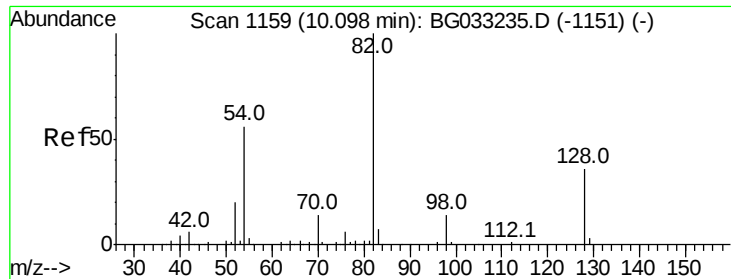
Tot Ion: 70 Resp: 48668
 Ion Ratio Lower Upper
 70 100
 42 40.3 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.9 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG033260.D
 Acq: 20 Mar 2018 3:52

Tgt Ion: 136 Resp: 172312
 Ion Ratio Lower Upper
 136 100
 137 9.5 9.2 13.8
 54 10.4 10.3 15.5
 68 5.5 4.5 6.7

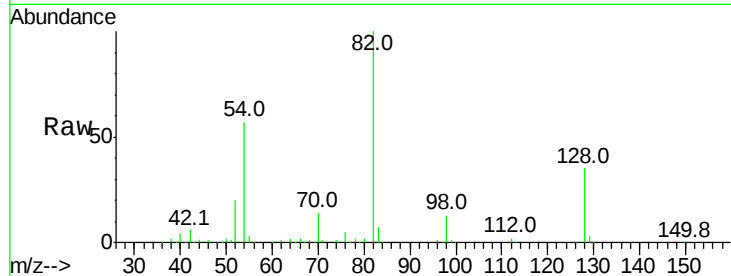




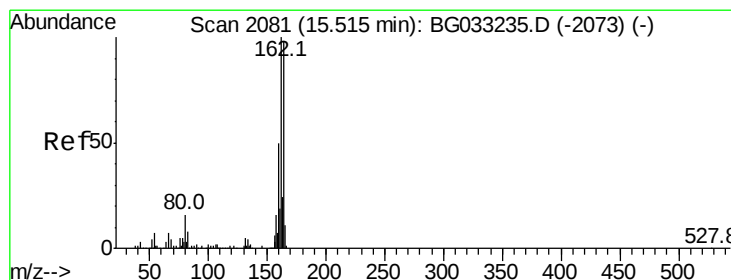
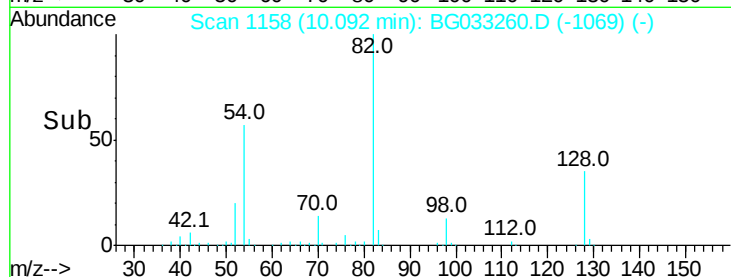
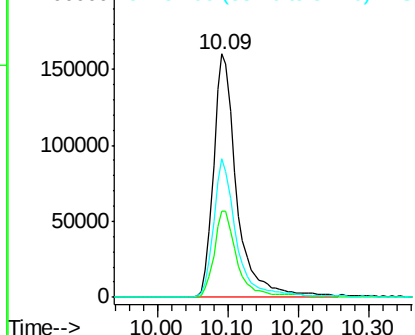
#23
 Nitrobenzene-d5
 Concen: 97.996 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG033260.D
 Acq: 20 Mar 2018 3:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 367532
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 57.0 43.1 64.7

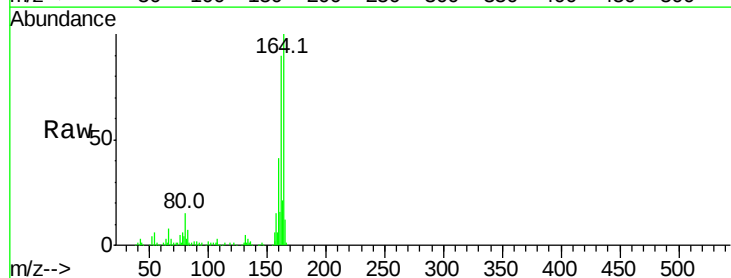


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

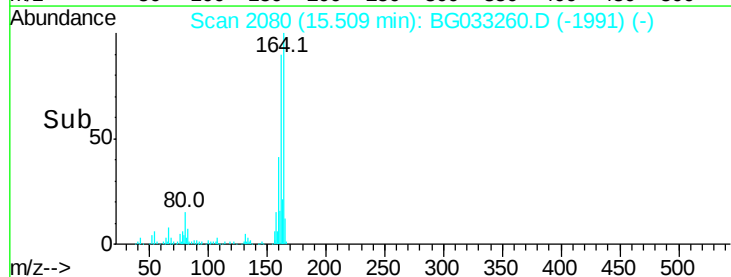
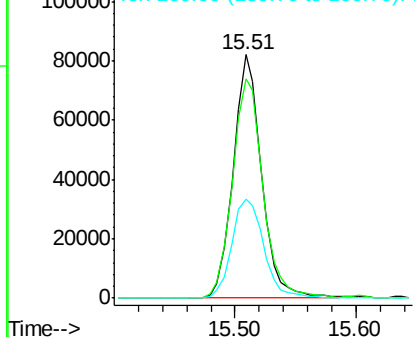


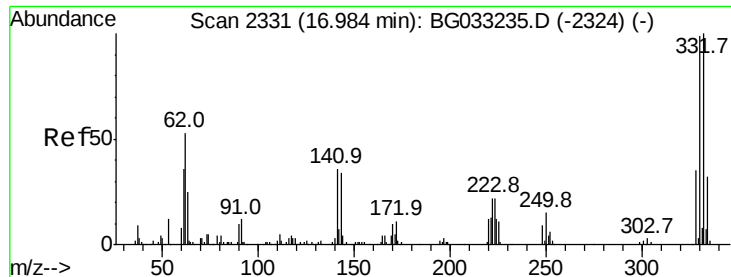
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG033260.D
 Acq: 20 Mar 2018 3:52

Tgt Ion: 164 Resp: 134214
 Ion Ratio Lower Upper
 164 100
 162 90.3 78.8 118.2
 160 40.9 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: 99.030 ng

RT: 16.98 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

Instrument :

BNA_G

ClientSampleId :

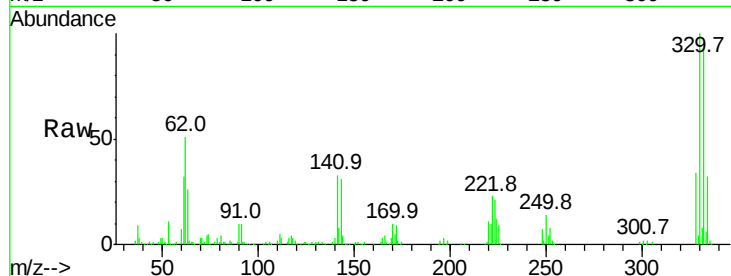
Tot Ion:330 Resp: 198786

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

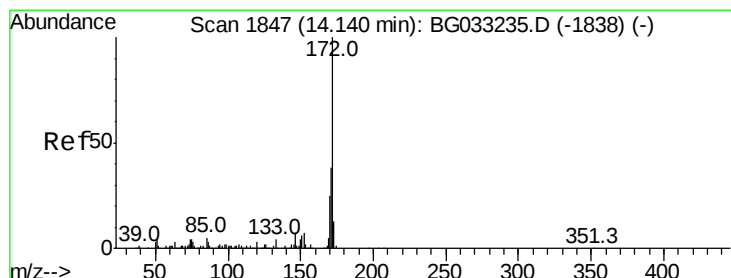
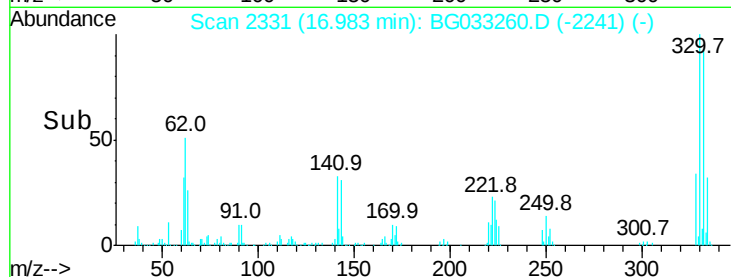
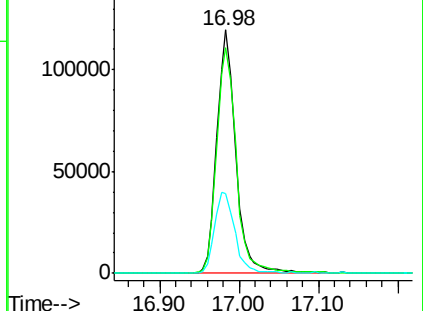
141 35.6 25.2 37.8



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: 95.800 ng

RT: 14.14 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

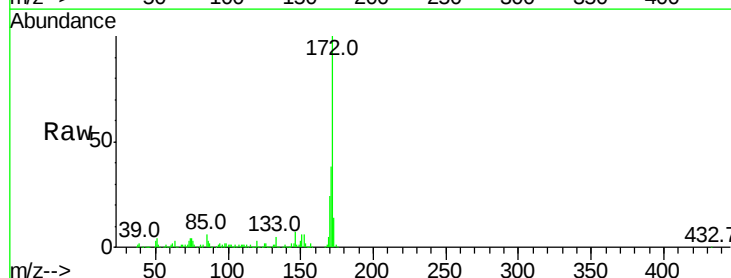
Tgt Ion:172 Resp: 890644

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

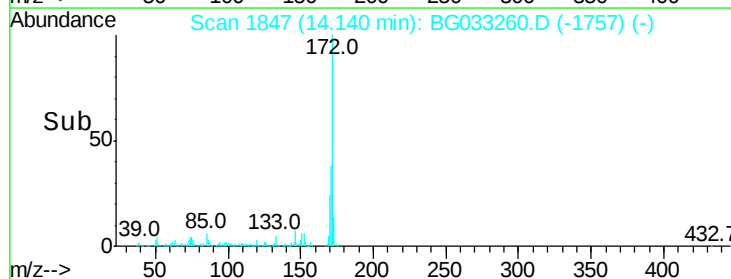
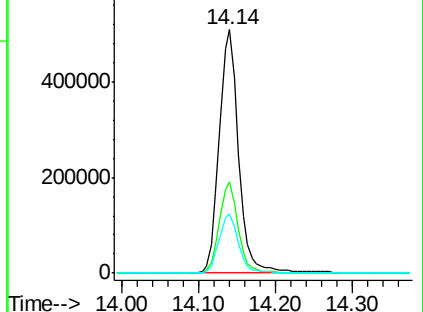
170 24.5 19.5 29.3

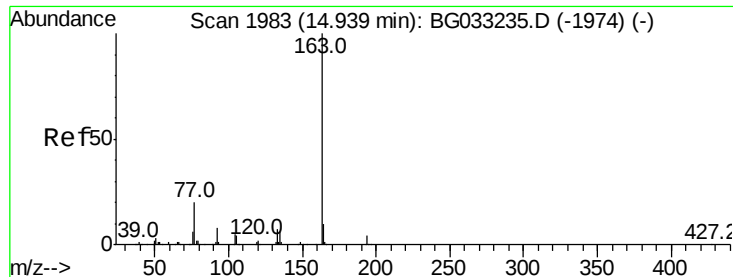


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.539 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

Instrument :

BNA_G

ClientSampleId :

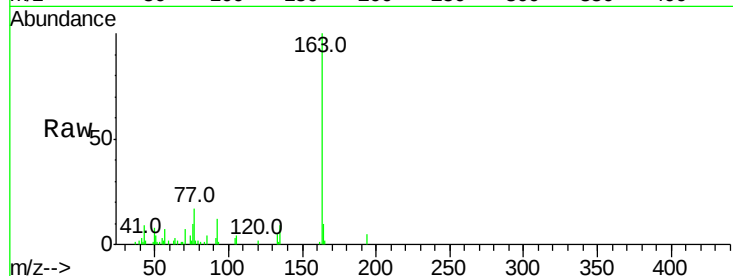
Tot Ion:163 Resp: 29656

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

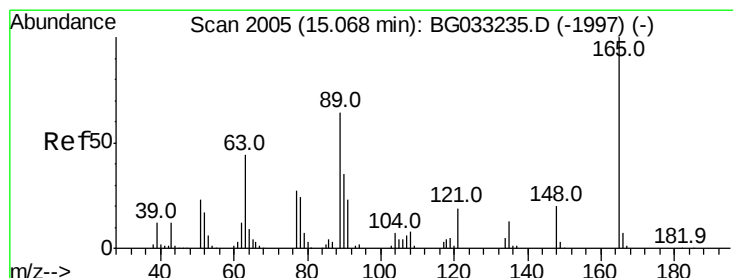
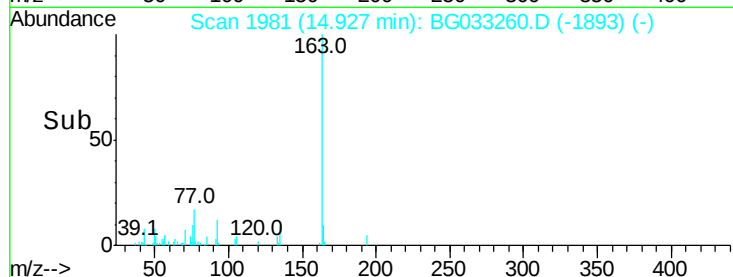
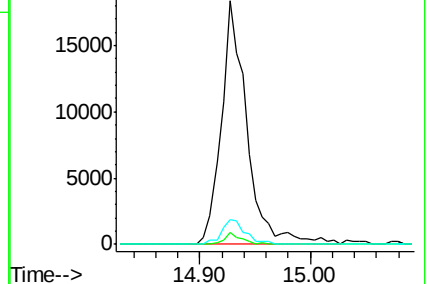
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.262 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.44 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

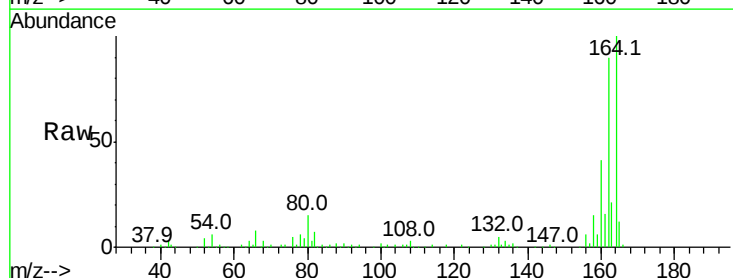
Tgt Ion:165 Resp: 17344

Ion Ratio Lower Upper

165 100

63 2.2 52.7 79.1#

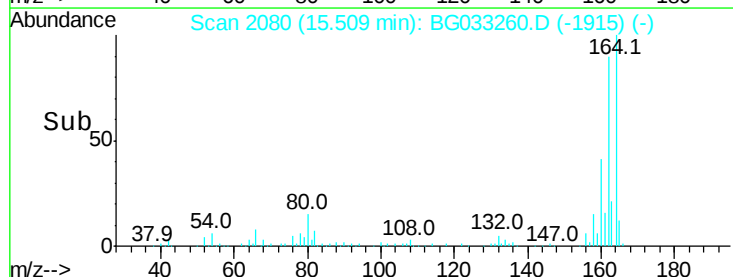
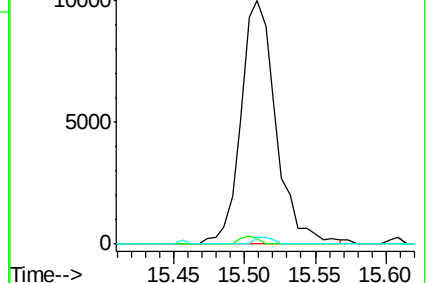
89 2.5 49.2 73.8#



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: 4.948 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.33 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 17400

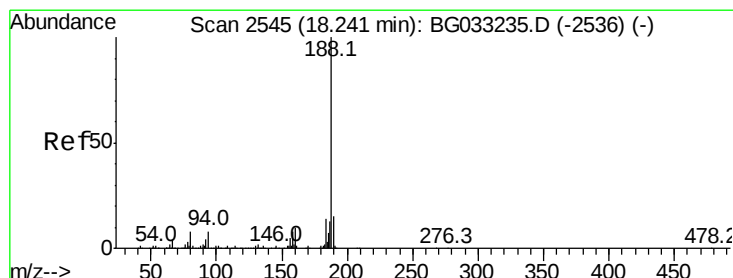
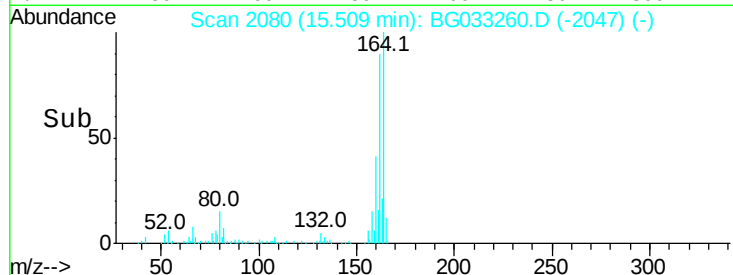
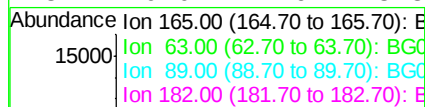
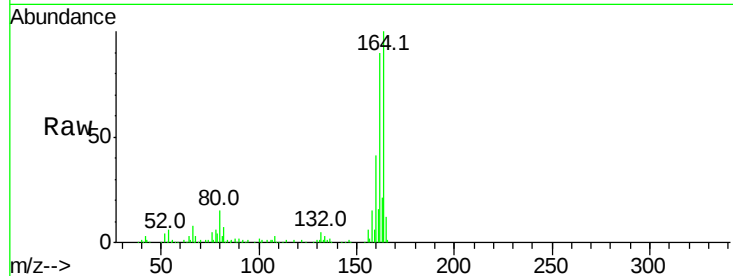
Ion Ratio Lower Upper

165 100

63 2.2 42.0 63.0#

89 2.5 66.9 100.3#

182 0.0 2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

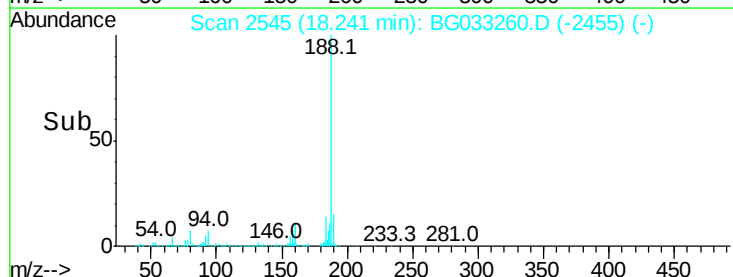
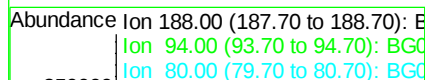
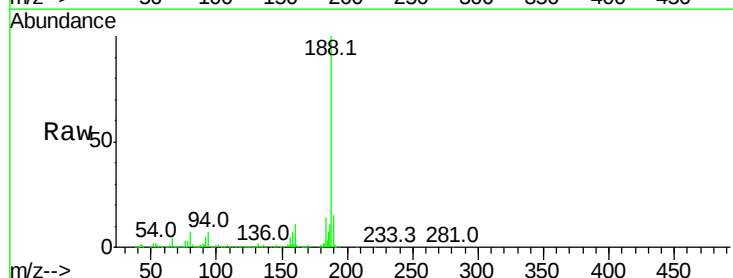
Tgt Ion:188 Resp: 347350

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 7.3 7.7 11.5#

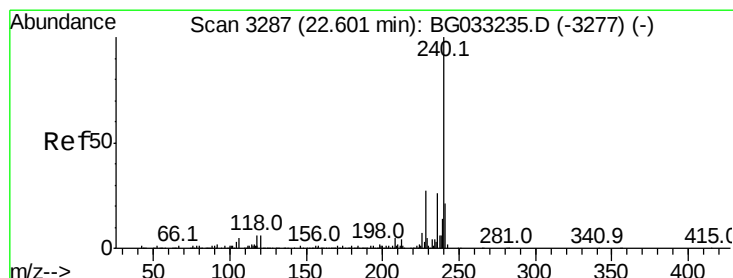
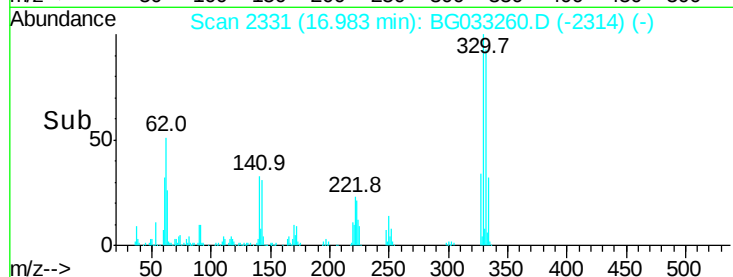
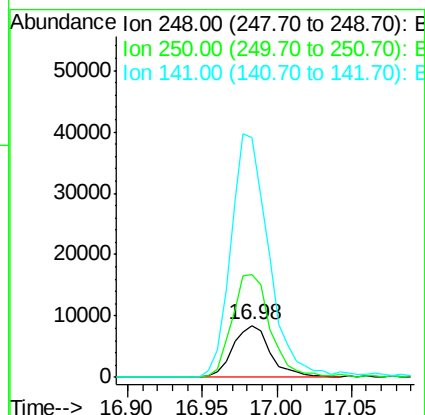
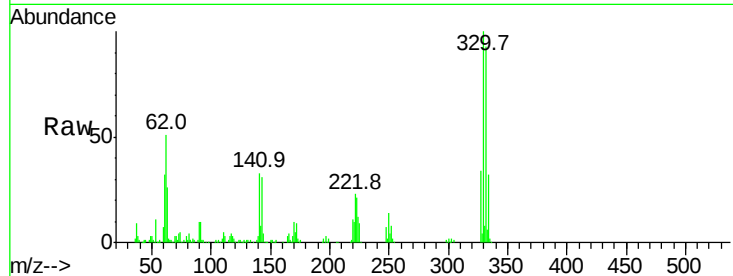




#66
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033260.D
Acq: 20 Mar 2018 3:52

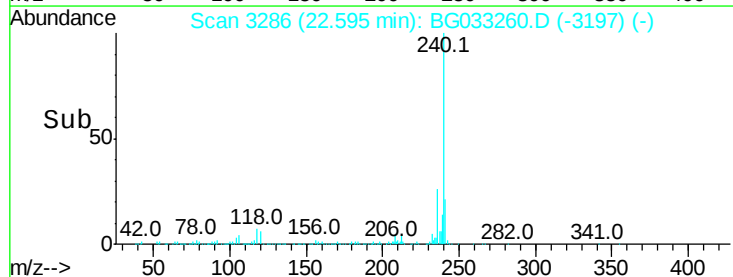
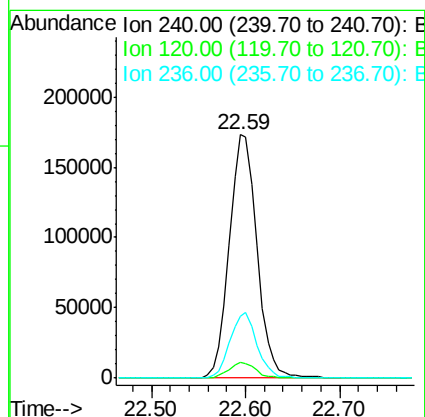
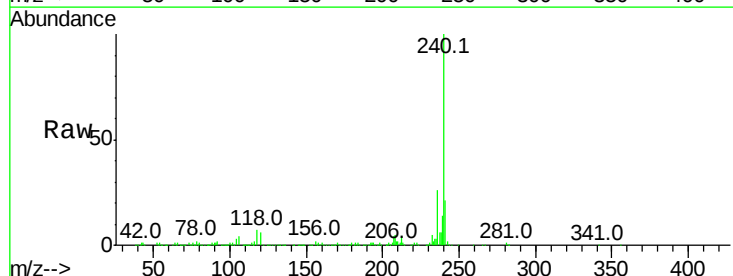
Instrument :
BNA_G
ClientSampled :

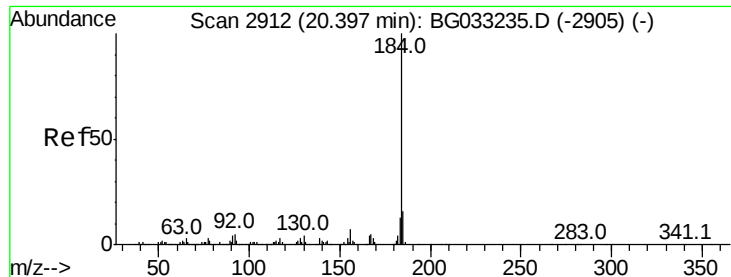
Tot Ion:248 Resp: 14880
Ion Ratio Lower Upper
248 100
250 151.4 77.1 115.7#
141 351.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033260.D
Acq: 20 Mar 2018 3:52

Tgt Ion:240 Resp: 354015
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.6 20.9 31.3





#76

Benzidine

Concen: 2.543 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

Instrument :

BNA_G

ClientSampleId :

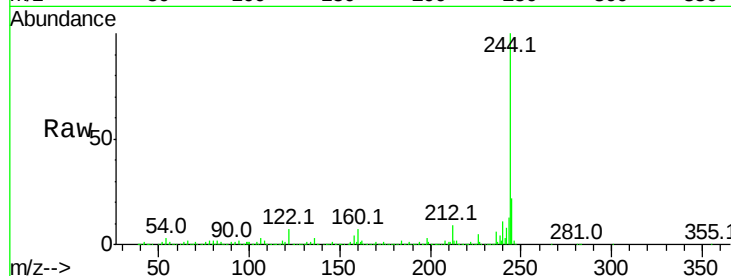
Tot Ion:184 Resp: 24414

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

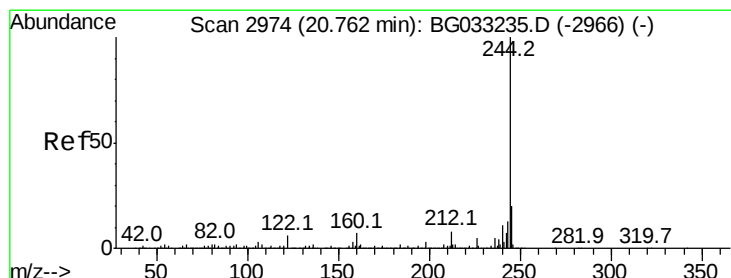
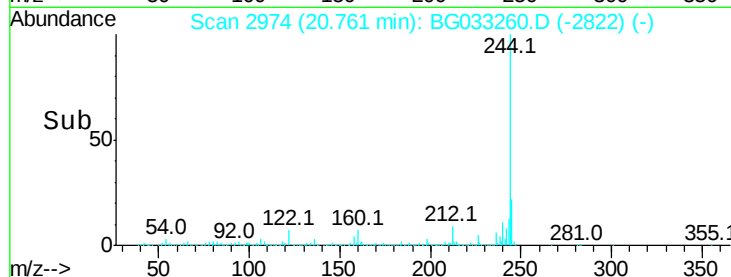
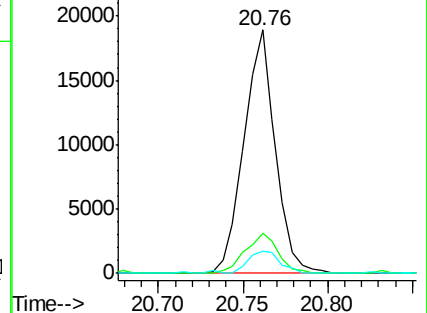
183 9.3 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 89.888 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033260.D

Acq: 20 Mar 2018 3:52

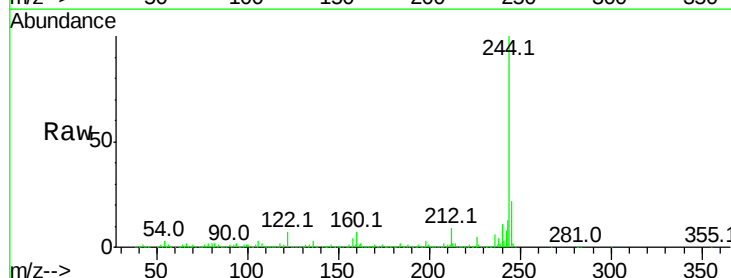
Tgt Ion:244 Resp: 1487966

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

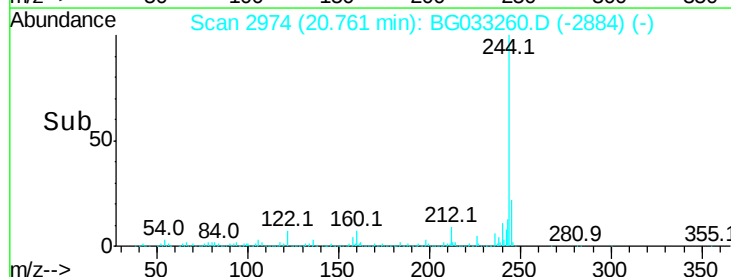
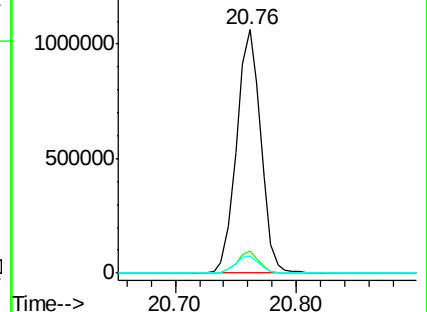
122 7.0 7.0 10.4



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

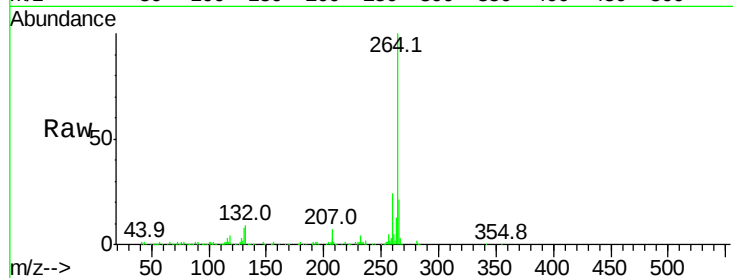




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3933
 Delta R.T. 0.00 min
 Lab File: BG033260.D
 Acq: 20 Mar 2018 3:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.6	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

